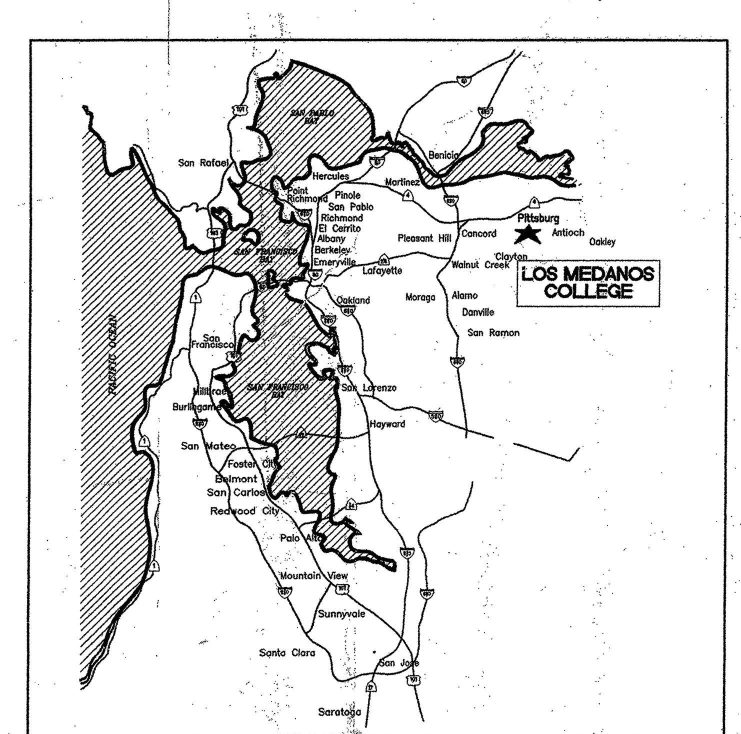
SCIENCE BUILDING

LOS MEDANOS COLLEGE

2700 E. LELAND ROAD, PITTSBURG, CA 94565

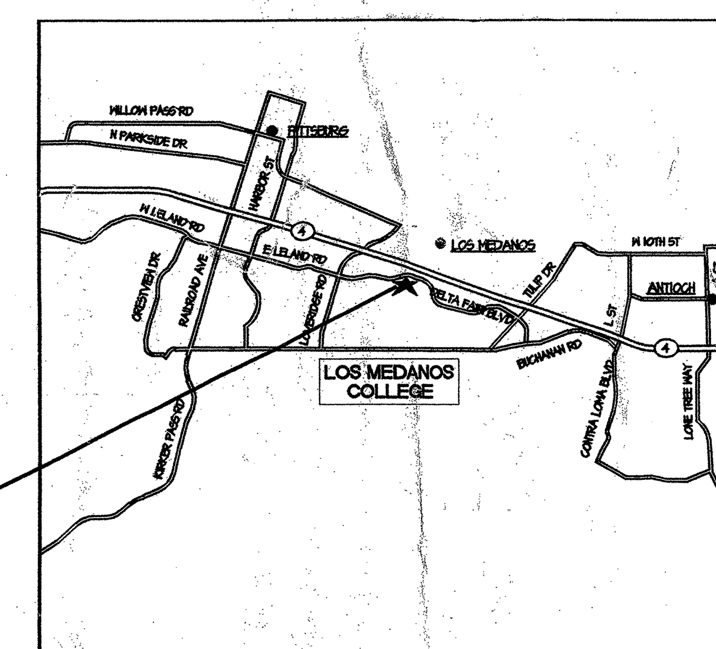
CONTRA COSTA COUNTY COMMUNITY COLLEGE DISTRICT

DSA SUBMITTAL DOCUMENTS
NOVEMBER 15, 2004



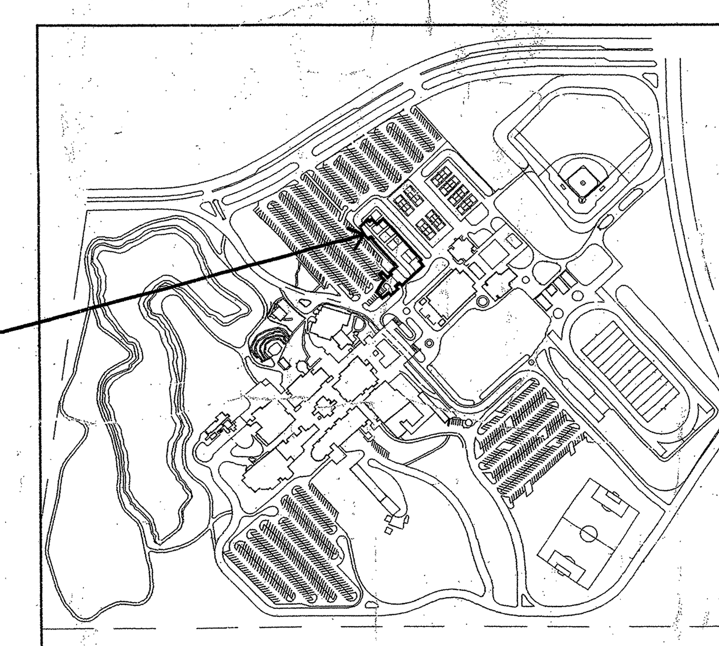
NORTHERN CALIFORNIA

PROJECT SITE



PITTSBURG

NEW BUILDING SITE



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LOS MEDANOS COLLEGE
Contra Costa Community College District

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ABBREVIATIONS

&	AND
∠	ANGLE
@	AT
℄	CENTERLINE
Ø	DIAMETER OR ROUND
#	NUMBER
AB	ANCHOR BOLT
AC	ASPHALTIC CONCRETE
ACT	ACOUSTICAL TILE
ACOUS	ACOUSTICAL
AD	AREA DRAIN
ADH	ADHESIVE
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AFP	ACCORDIAN FOLDING PARTITION
AGGR	AGGREGATE
ALT	ALTERNATE
ALUM	ALUMINUM
AMP	AMPERE
ANOD	ANODIZED
APPROX	APPROXIMATELY
ARCH	ARCHITECT
ASB	ASBESTOS
ASSY	ASSEMBLY
BAT	BATTERY
BBD	BULLETIN BOARD
BLDG	BUILDING
BD	BOARD
BLK	BLOCK
BLKG	BLOCKING
BLO	BLOWER
BLR	BOILER
BLW	BELOW
BM	BEAM
BO	BOTTOM OF
BRKR	BREAKER
BTU	BRITISH THERMAL UNIT
BUR	BUILT UP ROOF
CAB	CABINET
CARP	CARPET
CAT	CATALOG
CB	CATCH BASIN
CEM	CEMENT
CF	CURB FACE
CFM	CUBIC FEET PER MINUTE
CHBD	CHALKBOARD
CHEM	CHEMICAL
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CI	CAST IRON
CIR	CIRCLE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLO	CLOSET
CLRM	CLASSROOM
CMT	CERAMIC MOSAIC TILE
CMU	CONCRETE MASONRY UNIT
CND	CONDUIT
CO	CLEANOUT
COL	COLUMN
COMM	COMMUNICATION
COMP	COMPOSITION
CONC	CONCRETE
CONF	CONFERENCE
CONN	CONNECTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
COV	COVER
CP	CONTROL PANEL
CR	CONDENSATE RETURN
CSWK	CASEWORK
CT	CERAMIC TILE
CTV	CABLE TELEVISION
CW	COLD WATER
DBL	DOUBLE
DEMO	DEMOLITION
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DISP.	DISPENSER
DIST.	DISTANCE
DIV.	DIVISION
D.L.	DEAD LOAD
DN.	DOWN
DS.	DOWN SPOUT
DWG.	DRAWING

EA.	EACH
EL	EASEMENT LINE
E.J.	EXPANSION JOINT
ELEC.	ELECTRICAL
ELEV.	ELEVATION
EMER.	EMERGENCY
ENCL.	ENCLOSURE
ENG	ENGINEER
ENGY	ENERGY
ENTR	ENTRANCE
EP	EPOXY ENAMEL
EPG	EPOXY PAINT GLOSS
EPSG	EPOXY PAINT SEMI-GLOSS
EQ.	EQUAL
EQUIP.	EQUIPMENT
EST.	ESTIMATE
E.W.C.	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXH	EXHAUST
EXIST.	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR
F	FACTORY FINISH
F.A.	FIRE ALARM
FC	FOOTCANDLE
F.D.	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
F.E.	FIRE EXTINGUISHER
F.E.C.	FIRE EXTINGUISHER CABINET
FFP	FOLDING FABRIC PARTITION
F.H.	FIRE HYDRANT
FIN.	FINISH
FLASH.	FLASHING
FLR.	FLOOR
FLUOR.	FLUORESCENT
F.O.	FACE OF
FPP	FOLDING PANEL PARTITION
FPW	FOLDING PANEL WOOD DOOR
F.R.A.	FIRE RATED ASSEMBLY
F.R.P.	FIBERGLASS REINFORCED PANEL
F.S.	FLOOR SINK
FT.	FOOT OR FEET
FTG.	FOOTING
FURR.	FURRING
FXTR	FIXTURE
GA.	GAGE
GALV.	GALVANIZED
GB	GRAB BAR
GL.	GLASS
GLU.LAM.	GLUE LAMINATED
GND.	GROUND
GPM	GALLONS PER MINUTE
GR.	GRADE
GYP.	GYPSUM
H.B.	HOSE BIB
HCN	HOLLOW CORE NATURAL FINISH
HCP	HOLLOW CORE PAINT FINISH
HDBD.	HARDBOARD
HDR	HEADER
HDW.	HARDWARE
HDWD.	HARDWOOD
HGT.	HEIGHT
H.M.	HOLLOW METAL
HORIZ.	HORIZONTAL
HP	HORSEPOWER
HR.	HOUR
HSTAT	HUMIDISTAT
HTG.	HEATING
HTWR	HOT WATER RETURN
HTWS	HOT WATER SUPPLY
HVAC	HEATING, VENTILATING, AIR CONDITIONING
HVY	HEAVY
HW	HOT WATER
I.D.	INSIDE DIAMETER
INSUL.	INSULATION
INT.	INTERIOR
INV.	INVERT
IW	IRRIGATION WATER
JAN.	JANITOR
JCT.	JUNCTION
JT.	JOINT
K	KIP (1000 LB)
KIT.	KITCHEN
KO	KNOCKOUT
KVA	KILOVOLT AMPERE
LAB.	LABORATORY
LB.	POUND

LDG	LANDING
LL	LIVE LOAD
LT	LIGHT
LTG	LIGHTING
LVL	LEVEL
LVR	LOUVER
M	METER
MAINT	MAINTENANCE
MAN	MANUAL
MAS	MASONRY
MATL.	MATERIAL
MAX.	MAXIMUM
M.C.	MEDICINE CABINET
MCC	MOTOR CONTROL CENTER
MECH.	MECHANICAL
MED	MEDIUM
MEZZ	MEZZANINE
MFR.	MANUFACTURER
MH	MANHOLE
MIN.	MINIMUM
MIR	MIRROR
MISC.	MISCELLANEOUS
MKR	MARKER
MTL.	METAL
MTD.	MOUNTED
MUL.	MULLION
MVBL	MOVABLE
N.	NORTH
NAT.	NATURAL
NEG	NEGATIVE
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
NOM.	NOMINAL
N.T.S.	NOT TO SCALE
O.A.	OVERALL
OBS.	OBSCURE
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
O.F.	OVERFLOW DRAIN
OFCI	OWNER FURNISHED-CONTRACTOR INSTALLED
OFF	OFFICE
OFOI	OWNER FURNISHED-OWNER INSTALLED
OPNG.	OPENING
OPP.	OPPOSITE
OVHD	OVERHEAD
PART.	PARTITION
PB	PULL BOX
PBD	PARTICLEBOARD
PC	PORTLAND CEMENT
PERF	PERFORATED
PERP	PERPENDICULAR
PE	PAINT EGGSHELL
PF	PAINT FLAT
PG	PAINT GLOSS
PH	PHASE
PIV	POST INDICATOR VALVE
P.L.	PROPERTY LINE
PLAS.	PLASTER
PLAT.	PLATFORM
PLBG	PLUMBING
PLF	POUNDS PER LINEAR FOOT
PLYWD.	PLYWOOD
PNL	PANEL
POS	POSITIVE
PP	PORTABLE PARTITION
PR.	PAIR
PREFAB	PREFABRICATED
PREFIN	PREFINISHED
PRELIM	PRELIMINARY
PROJ	PROJECT
PSF	POUNDS PER SQUARE FOOT
PSG	PAINT SEMI-GLOSS
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
Q.T.	QUARRY TILE
QTY	QUANTITY
R.	THERMAL RESISTANCE
RAD.	RADIUS
R.D.	ROOF DRAIN
RDWD.	REDWOOD
REF.	REFERENCE
REFR.	REFRIGERATOR
REG.	REGISTER
REINF.	REINFORCING
REQD.	REQUIRED
RESIL.	RESILIENT
RET	RETURN
REV.	REVERSE

RFG	ROOFING
RM.	ROOM
R.O.	ROUGH OPENING
R.T.	RUBBER TILE
S	SEALER
S.A.D.	SEE ARCHITECTURAL DRAWINGS
S.B.	SPLASH BLOCK
S.C.	SOLID CORE
S.C.D.	SEE CIVIL DRAWINGS
S.E.D.	SEE ELECTRICAL DRAWINGS
S.M.D.	SEE MECHANICAL DRAWINGS
S.P.D.	SEE PLUMBING DRAWINGS
S.S.D.	SEE STRUCTURAL DRAWINGS
SCHED.	SCHEDULE
S.D.	STORM DRAIN
SECT.	SECTION
SF	STAIN FINISH
SFL	STAIN FINISH W/ LACQUER
SFV	STAIN FINISH W/ VARNISH
SHT.	SHEET
SIM.	SIMILAR
SPEC.	SPECIFICATIONS
SPLY	SUPPLY
SQ.	SQUARE
SR	STEAM RETURN
SS	STEAM SUPPLY
S.SK.	SERVICE SINK
SST.	STAINLESS STEEL
ST	STREET
STAG	STAGGERED
STC	SOUND TRANSMISSION CLASS
STD.	STANDARD
STL.	STEEL
STM	STEAM
STOR	STORAGE
STRUCT.	STRUCTURAL
SURF	SURFACE
SUSP.	SUSPENDED
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SWR	SEWER
SYM.	SYMBOL
SYS	SYSTEM
T.	THERMOSTAT
T. & B.	TOP AND BOTTOM
T. & G.	TONGUE AND GROOVE
TD	TRENCH DRAIN
TECH	TECHNICAL
TEL.	TELEPHONE
TEMP.	TEMPERATURE
THK	THICK
THRES.	THRESHOLD
THRU	THROUGH
TKBD	TACKBOARD
T.O.	TOP OF
TOT	TOTAL
TR.	TREAD
TRANSF.	TRANSFORMER
TYP.	TYPICAL
U	HEAT TRANSFER COEFFICIENT
UGND	UNDERGROUND
UNFIN.	UNFINISHED
U.N.O.	UNLESS NOTED OTHERWISE
UPG	URETHANE PAINT GLOSS
UPSG	URETHANE PAINT SEMI-GLOSS
UR.	URINAL
UTIL	UTILITY
V	VOLT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
V.C.T.	VINYL COMPOSITION TILE
VERT.	VERTICAL
VEST.	VESTIBULE
W	WATT
W	WITH
W.C.	WATER CLOSET
WD.	WOOD
WDW.	WINDOW
WHSE	WAREHOUSE
WL	WIND LOAD
WLD	WELDED
WP	WORKING POINT
WPG	WATERPROOFING
WR	WATER RESISTANT
WSCT.	WAINSCOT
HT	HEIGHT
WWF	WELDED WIRE FABRIC
XFMR	TRANSFORMER

NOTES:
1. ADDITIONAL ABBREVIATIONS OCCUR ON DOOR & FINISH SCHEDULES.
2. SPECIALIZED ABBREVIATIONS ARE PROVIDED WITH EACH DISCIPLINES GROUP OF DRAWINGS. WHEN A CONFLICT OCCURS BETWEEN THIS LIST AND AN ABBREVIATION USED IN THE C-, L-,S-, M-, P-, OR E- SERIES DRAWINGS, THE LIST PROVIDED BY THE DISCIPLINE INVOLVED SHALL GOVERN.

REFERENCE SYMBOLS

SECTION OR ELEVATION REFERENCE
A | A3.1
NUMBER ABOVE - SECTION OR ELEVATION NUMBER
NUMBER BELOW - SHEET NUMBER

DETAIL REFERENCE
3 | T.11
NUMBER ABOVE - DETAIL NUMBER
NUMBER BELOW - SHEET NUMBER

ROOM IDENTIFICATION
1 | 4 | 2 | 3 | 103 | A3-2
SPACE NUMBER
INTERIOR ELEVATION NUMBER
SHEET NUMBER OF INTERIOR ELEVATION

INTERIOR ELEVATION IDENTIFICATION
106 | 2
HALL VIEWED
SPACE NUMBER

DOOR IDENTIFICATION
102
REFER TO DOOR SCHEDULE

WINDOW AND LOUVER IDENTIFICATION
B
LETTER REFERS TO INTERIOR AND EXTERIOR WINDOW DETAILS

ACCESSORY IDENTIFICATION
13
DENOTES TOILET ROOM ACCESSORIES

CASEWORK IDENTIFICATION
HEIGHT | 34 | 24 | 102 | 48
DEPTH
CASEWORK MODEL
WIDTH

PARTITION TYPE
A
PARTITION TYPE, SEE DETAIL A, INTERIOR PARTITION SCHEDULE
TACKABLE SURFACE ON SIDE OF PARTITION WHERE SYMBOL IS SHOWN. PROVIDE 5/8" FIRE RATED WATER RESISTANT GYPSUM BOARD FACE LAYER IN LIEU OF GYPSUM BOARD FACE LAYER SHOWN IN PARTITION. PROVIDE VINYL WALL COVERING OVER GYPSUM BOARD.

WALL SECTION REFERENCE
A | A3.1
NUMBER ABOVE - SECTION NUMBER
NUMBER BELOW - SHEET NUMBER

DIMENSION REFERENCE
DIMENSION TO FACE OF FINISH, TYPICAL U.O.N.
DIMENSION TO CENTERLINE OR TO REFERENCE GRID LINE.

NOTE:
WHEN A DASH (-) OR BLANK ( ) OCCURS IN A SYMBOL SPACE IT INDICATES THAT THE NUMBER IN THAT SPACE SHALL BE THE NUMBER OF THE SHEET ON WHICH THE SYMBOL OCCURS.

ENLARGED PLAN / SECT. /DET.
A | A6.1
NO. ABOVE - PLAN/SECT./DET. NO.
NO. BELOW - SHEET NO.

NORTH-SOUTH REFERENCE GRID
1

EAST-WEST REFERENCE GRID
A

REVISION IDENTIFICATION

REFERENCE POINT

WALL TYPES

STUD PARTITION

1-HR FIRE RATED ASSEMBLY

1-HR FIRE RATED ASSEMBLY (OCCUPANCY SEPARATION)

FIRE RATED SHAFT WALL ASSEMBLY

2-HR FIRE RATED ASSEMBLY

STRUCTURAL BRACE FRAME

DRAWING LIST

GENERAL

T-0	TITLE SHEET
T-1	SHT. INDEX & PROJ. DIR., ABBREV., GEN. NOTES & TYPES
T-2	EXITING PLANS & CODE ANALYSIS
T-3	REFERENCE

CIVIL

C-1.09	SCIENCE & MATH BUILDINGS & PARKING
C-1.13	LIBRARY & SCIENCE CONTROL & LAYOUT
C-1.19	SCIENCE GRADING PLAN
C-1.23	UTILITY & DRAINAGE PLAN
C-1.23 a	LRC & SCIENCE UTILITY PLAN

LANDSCAPE

L-1.1	SITE LAYOUT

ARCHITECTURAL

AS-1	ARCHITECTURAL SITE PLAN
A-0.1.1	MECHANICAL/CHILLER/PUMP BUILDING
A-0.1.2	MECHANICAL/CHILLER/PUMP BUILDING
A-0.1.3	MECHANICAL/CHILLER/PUMP BUILDING
A-0.2	FIRST FLOOR HORIZONTAL CONTROL PLAN PART "A"
A-0.3	FIRST FLOOR HORIZONTAL CONTROL PLAN PART "B"
A-0.4	SECOND FLOOR HORIZONTAL CONTROL PLAN PART "A"
A-0.5	SECOND FLOOR HORIZONTAL CONTROL PLAN PART "B"
A-0.6	ROOF HORIZONTAL CONTROL PLAN PART "A"
A-0.7	ROOF HORIZONTAL CONTROL PLAN PART "B"
A-0.8	ENLARGED HORIZONTAL CONTROL PLANS
A1-1	FIRST FLOOR PLAN PART ' A'
A1-2	FIRST FLOOR PLAN PART ' B '
A1-3	SECOND FLOOR PLAN PART ' A '
A1-4	SECOND FLOOR PLAN PART ' B '
A2-1	FIRST FLOOR REFLECTED CEILING PLAN PART ' A '
A2-2	FIRST FLOOR REFLECTED CEILING PLAN PART ' B '
A2-3	SECOND FLOOR REFLECTED CEILING PLAN PART ' A '
A2-4	SECOND FLOOR REFLECTED CEILING PLAN PART ' B '
A3-1	ROOF PLAN PART ' A '
A3-2	ROOF PLAN PART ' B '
A4-1	SOUTH & EAST EXTERIOR ELEVATIONS
A4-2	NORTH & WEST EXTERIOR ELEVATIONS
A5-1	BUILDING SECTIONS
A5-2	BUILDING SECTIONS
A6-1	WALL SECTIONS AND ENLARGED ELEVATIONS
A6-2	WALL SECTIONS AND ENLARGED ELEVATIONS
A6-3	WALL SECTIONS AND ENLARGED ELEVATIONS
A6-4	WALL SECTIONS AND ENLARGED ELEVATIONS
A6-5	WALL SECTIONS
A6-6	WALL SECTIONS AND ENLARGED ELEVATIONS
A7-1	INTERIOR ELEVATIONS
A7-2	INTERIOR ELEVATIONS
A7-3	INTERIOR ELEVATIONS
A7-4	INTERIOR ELEVATIONS
A7-5	INTERIOR ELEVATIONS
A7-6	INTERIOR ELEVATIONS
A8-1	ENLARGED TOILET PLANS AND ELEVATIONS
A8-2	ENLARGED STAIR PLANS AND SECTIONS
A8-3	ENLARGED STAIR SECTIONS
A8-4	ENLARGED ELEVATOR PLANS AND SECTIONS
A8-5	ENLARGED PLANS - FIRST FLOOR
A8-6	ENLARGED PLANS - SECOND FLOOR
3.01	EXTERIOR DETAILS
3.02	EXTERIOR WALL DETAILS
3.03	CANOPY DETAILS
3.04	EXTERIOR DETAILS
4.01	TYPICAL METAL STUD DETAILS
4.02	INTERIOR PARTITION TYPES AND DETAILS
4.03	INTERIOR PARTITION AND MISC. DETAILS
4.04	INTERIOR DETAILS
4.05	INTERIOR DETAILS
5.01	CEILING DETAILS
5.02	CEILING DETAILS
6.01	TYPICAL CASEWORK DETAILS
6.02	W.I.C. CABINET DESIGNS
7.01	ROOF DETAILS
7.02	ROOF DETAILS
7.03	ROOF DETAILS
8.01	DOOR SCHEDULE - FIRST FLOOR
8.02	DOOR SCHEDULE - SECOND FLOOR
8.03	INTERIOR DOOR / WINDOW DETAILS
8.04	ALUMINUM WINDOW DETAILS
8.05	CURTAINWALL DETAILS
8.06	MISC. EXTERIOR DOOR/WINDOW DETAILS
8.07	CURTAINWALL DETAILS
8.80	CURTAINWALL SCHEDULE
8.81	CURTAINWALL SCHEDULE
8.82	EXTERIOR WINDOW SCHEDULE
8.83	EXTERIOR/ INTERIOR WINDOW SCHEDULE
9.01	FINISH SCHEDULE
10.01	STAIR DETAILS
10.02	STAIR DETAILS
10.03	ELEVATOR DETAILS
11.01	SIGNAGE DETAILS

STRUCTURAL

S1.1	GENERAL NOTES AND TYPICAL DETAILS
S2.1.1	PARTIAL FOUNDATION PLAN
S2.1.2	PARTIAL FOUNDATION PLAN
S2.2.1	PARTIAL SECOND FLOOR FRAMING PLAN
S2.2.2	PARTIAL SECOND FLOOR FRAMING PLAN
S2.3.1	PARTIAL ROOF FRAMING PLAN
S2.3.2	PARTIAL ROOF FRAMING PLAN
S3.1	BRACE ELEVATIONS
S5.1	TYPICAL CONCRETE DETAILS
S5.2	CONCRETE DETAILS
S7.1	TYPICAL STEEL FRAMING DETAILS
S7.2	TYPICAL BRACED FRAME DETAILS
S7.3	TYPICAL STEEL DECK DETAILS
S7.4	STEEL FRAMING DETAILS
S7.5	STEEL FRAMING DETAILS
S7.6	STEEL FRAMING DETAILS
S7.7	STEEL FRAMING DETAILS

MECHANICAL/ PLUMBING

M0.1	LEGENDS, SCHEDULES, EQUIP'T. LISTS & NOTES
M0.2	LEGENDS, SCHEDULES, EQUIP'T. LISTS & NOTES
M0.3	TITLE 24 - MECH. & ENVELOPE TITLE 24 DOCUMENTS
M0.4	TITLE 24 - MECH. & ENVELOPE TITLE 24 DOCUMENTS
M0.5	TITLE 24 - MECH. & ENVELOPE TITLE 24 DOCUMENTS
M1.0	AIR CONDITIONING - MECHANICAL / CHILLIER / PUMP / BUILDING & DETAILS
M1.1	AIR CONDITIONING - FIRST FLOOR PLAN PART 'A'
M1.2	AIR CONDITIONING - FIRST FLOOR PLAN PART 'A'
M1.3	AIR CONDITIONING - FIRST FLOOR PLAN PART 'B'
M1.4	AIR CONDITIONING - FIRST FLOOR PLAN PART 'B'
M2.1	AIR CONDITIONING - SECOND FLOOR PLAN PART 'A'
M2.2	AIR CONDITIONING - SECOND FLOOR PLAN PART 'A'
M2.3	AIR CONDITIONING - SECOND FLOOR PLAN PART 'B'
M2.4	AIR CONDITIONING - SECOND FLOOR PLAN PART 'B'
M3.1	AIR CONDITIONING - ROOF PLAN
M4.1	HYDRAULICS - FIRST FLOOR PARTIAL PLAN
M4.2	HYDRAULICS - FIRST FLOOR PARTIAL PLAN
M4.3	HYDRAULICS - SECOND FLOOR PARTIAL PLAN
M4.4	HYDRAULICS - SECOND FLOOR PARTIAL PLAN
M5.1	MECHANICAL - CONTROL DIAGRAMS
M5.2	MECHANICAL - CONTROL DIAGRAMS
M6.1	MECHANICAL - DETAILS
M6.2	MECHANICAL - DETAILS
P0.1	PLUMBING - LEGEND, SCHED., EQUIP'T. LIST & NOTES
P1.0	PLUMBING - MECHANICAL / CHILLER / PUMP BUILDING @ DETAILS
P1.1	PLUMBING - FIRST FLOOR PLAN PART 'A'
P1.2	PLUMBING - FIRST FLOOR PLAN PART 'A'
P1.3	PLUMBING - FIRST FLOOR PLAN PART 'B'
P1.4	PLUMBING - FIRST FLOOR PLAN PART 'B'
P1.5	PLUMBING - MECHANICAL ROOM FLOOR PLAN
P2.1	PLUMBING - SECOND FLOOR PLAN PART 'A'
P2.2	PLUMBING - SECOND FLOOR PLAN PART 'A'
P2.3	PLUMBING - SECOND FLOOR PLAN PART 'B'
P2.4	PLUMBING - SECOND FLOOR PLAN PART 'B'
P3.1	PLUMBING - ROOF PLAN
P5.1	PLUMBING - DETAILS
P5.2	PLUMBING - DETAILS

ELECTRICAL

E0.1	SYMBOLS, NOTES AND LIGHT FIXTURE SCHEDULE
E0.2	SITE PLAN - ELECTRICAL
E1.1	FIRST FLOOR PLAN PART ' A ' - LIGHTING
E1.2	FIRST FLOOR PLAN PART ' B ' - LIGHTING
E1.3	SECOND FLOOR PLAN PART ' A ' - LIGHTING
E1.4	SECOND FLOOR PLAN PART ' B ' - LIGHTING
E2.1	FIRST FLOOR PLAN PART ' A ' - POWER / SIGNAL
E2.2	FIRST FLOOR PLAN PART ' B ' - POWER / SIGNAL
E2.3	SECOND FLOOR PLAN PART ' A ' - POWER / SIGNAL
E2.4	SECOND FLOOR PLAN PART ' B ' - POWER / SIGNAL
E2.5	ROOF PLAN
E2.6	ROOF PLAN PART ' B '
E3.1	SINGLE LINE DIAGRAM
E4.1	TITLE-24 NOTES AND CALCULATIONS
E4.2	DETAILS
FA0.1	SITE PLAN - SCHEDULE, FIRE ALARM
FA1.1	FIRST FLOOR PLAN PART ' A ' - FIRE ALARM
FA1.2	FIRST FLOOR PLAN PART ' B ' - FIRE ALARM
FA1.3	SECOND FLOOR PLAN PART ' A ' - FIRE ALARM
FA1.4	SECOND FLOOR PLAN PART ' B ' - FIRE ALARM
FA2.1	DETAILS AND DIAGRAM - FIRE ALARM
FA3.1	VOLTAGE DROP & BATTERY CALCULATIONS FIRE ALARM

TELECOMMUNICATION

T0-1	LEGEND, SYMBOLS, ABBREVIATIONS & DRAWING INDEX
T1-0	TELECOMMUNICATIONS SITE PLAN
T1-1	FIRST FLOOR PLAN PART 'A' TELECOM OUTLETS
T1-2	FIRST FLOOR PLAN PART 'B' TELECOM OUTLETS
T1-3	SECOND FLOOR PLAN PART 'A' TELECOM OUTLETS
T1-4	SECOND FLOOR PLAN PART 'B' TELECOM OUTLETS
T3-1	ENLARGED PLANS FIRST FLOOR DATA ROOM
T3-2	ENLARGED PLANS SECOND FLOOR DATA ROOM
T4-1	ELEVATIONS - WALL & RACK - 1ST FLOOR DATA RM
T4-2	ELEVATIONS - WALL & RACK - 2ND FLOOR DATA RM
T4-3	ELEVATIONS - FIBER OPTIC TERMINATION SHELVES
T4-4	ELEVATIONS - FIBER OPTIC TERMINATION SHELVES
T5-1	RISER DIAGRAM - FIBER OPTIC & COPPER BACKBONE
T6-0	DETAILS - TELECOM OUTLETS
T6-1	DETAILS - TELECOM OUTLETS
T6-2	DETAILS - STEEL WIRE CABLE TRAY
T6-3	DETAILS - FIBER OPTIC TROUGH AND U-CHANNEL
T6-4	DETAILS - EQUIPMENT RACK
T6-5	DETAILS - IDENTIFICATION AND LABELING
T6-6	DETAILS - FIRESTOPPING
T6-7	DETAILS - AUDIO VISUAL

LABORATORY

LF1-00	LABORATORY FURNISHINGS NOTES & LEGEND
LF1-01	LABORATORY FURNISHINGS NOTES & SCHEDULES
LF1-02	LABORATORY FURNISHINGS CASEWORK MENU
LF1-1	FIRST FLOOR OVERALL PLAN
LF1-1a	ENLARGED PLANS - FIRST FLOOR PLAN PART 'A'
LF1-1b	ENLARGED PLANS - FIRST FLOOR PLAN PART 'B'
LF2-1	SECOND FLOOR OVERALL PLAN
LF2-1a	ENLARGED PLANS - SECOND FLOOR PLAN PART 'A'
LF2-1b	ENLARGED PLANS - SECOND FLOOR PLAN PART 'B'
LF3.00	ELEVATIONS
LF4.00	LABORATORY FURNISHINGS DETAILS
LF4.01	LABORATORY FURNISHINGS DETAILS
LF4.02	LABORATORY FURNISHINGS DETAILS
LF4.03	LABORATORY FURNISHINGS DETAILS
LF4.04	LABORATORY FURNISHINGS DETAILS
LF5.00	LAB FURNISHINGS SERVICE FITTINGS DETAILS
LF5.01	LAB FURNISHINGS SERVICE FITTINGS DETAILS
LP1-00	SYMBOLS, GENERAL NOTES & SCHEDULES
LP1-01	LABORATORY PLUMBING SCHEDULES
LP1-1	FIRST FLOOR OVERALL PLAN
LP1-1a	ENLARGED PLANS - FIRST FLOOR PLAN PART 'A'
LP1-1b	ENLARGED PLANS - FIRST FLOOR PLAN PART 'B'
LP2-1	SECOND FLOOR OVERALL PLAN
LP2-1a	ENLARGED PLANS - SECOND FLOOR PART 'A'
LP2-1b	ENLARGED PLANS - SECOND FLOOR PART 'B'
LP3-0	LABORATORY PLUMBING DETAILS
LP3-1	LABORATORY PLUMBING DETAILS
LE1-00	NOTE SHEET
LE1-1	FIRST FLOOR OVERALL PLAN
LE1-1a	ENLARGED PLANS - FIRST FLOOR PART 'A'
LE1-1b	ENLARGED PLANS - FIRST FLOOR PART 'B'
LE2-1	SECOND FLOOR OVERALL PLAN
LE2-1a	ENLARGED PLANS - SECOND FLOOR PART 'A'
LE2-1b	ENLARGED PLANS - SECOND FLOOR PART 'B'
LE3-1	PANEL SCHEDULES
LE4-1	DETAIL SHEET
LE4-2	DETAIL SHEET

MATERIAL SYMBOLS

EARTH | CONTINUOUS WOOD FRAMING | BATT INSULATION
GRAVEL | WOOD BLOCKING | RIGID INSULATION
SAND | PLYWOOD | LATH AND PLASTER
CONCRETE | FINISH WOOD | GYPSUM BOARD

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MARTINEZ, CA. 94553

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GENERAL NOTES

Refer to Drawing T-1: ADDENDUM No.1
a. Revise text at General Notes 1.1 to "All building floor slabs of reinforced concrete shall be set over minimum 15 mil vapor barrier on minimum 6" of ¾-inch free draining gravel and 18" non-expansive engineered fill."

1.2 AUTOMATIC SPRINKLER SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF C.B.C. SECTION 904. PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRESTOPPED. FIRESTOPPING SHALL BE AN APPROVED MATERIAL AS PRESCRIBED IN STATE FIRE MARSHAL STANDARD 43-1.

1.3 FIRESTOPPING: MAINTAIN INTEGRITY OF FIRE RATED WALLS BY PROVIDING FIRE SAFING MATERIAL AT GAPS AND VOIDS CREATED BY PENETRATIONS, STRUCTURAL MEMBERS, AND INTERSECTIONS WITH ADJACENT SURFACES. PACK ALL GAPS GREATER THAN 3/4" WITH "BLANKET" TYPE SAFING; PROVIDE FIRE STOP SEALANT AT ALL JOINTS AND VOIDS LESS THAN 3/4" CLEAR. ALL MATERIAL SHALL BE U.L., S.F.M. OR D.S.A. APPROVED, AND CAPABLE OF PREVENTING PASSAGE OF FLAMES AND HOT GASSES WHEN SUBJECTED TO REQUIREMENTS OF C.B.C. SECTION 706.2.

1.4 DIMENSIONS, UNLESS OTHERWISE NOTED, ARE TO FACE OF FINISH.

1.5 FINISH GROUND FLOOR ELEVATION FOR NEW BUILDING IS +73.3'. THIS IS DATUM (REFERENCE 0'-0").

1.6 ALL N.I.C. ITEMS ARE NOT PART OF THIS DSA APPLICATION.

3.0 EXTERIOR WALLS

3.3 ALL EXTERIOR STUD WALLS TO BE CONSTRUCTED ON 4" HIGH MINIMUM RAISED CONCRETE CURBS, UNLESS DETAILED OTHERWISE.

4.0 INTERIOR PARTITIONS

4.1 ALL PARTITIONS SURROUNDING AND BETWEEN RESTROOMS & JANITORS CLOSET SHALL BE CONSTRUCTED ON 4" HIGH MINIMUM CONCRETE CURBS.

5.0 STRUCTURAL FRAME

5.1 **PRIMARY:** THE STRUCTURAL FRAME SHALL BE CONSIDERED TO BE THE COLUMNS AND THE GIRDERS, BEAMS, TRUSSES, AND SPANDRELS HAVING DIRECT CONNECTIONS TO THE COLUMNS AND BRACING MEMBERS DESIGNED TO CARRY GRAVITY LOADS.

5.2 **SECONDARY:** THE MEMBERS OF FLOOR OR ROOF PANELS THAT HAVE NO CONNECTION TO THE COLUMNS SHALL BE CONSIDERED SECONDARY MEMBERS AND NOT A PART OF THE STRUCTURAL FRAME.

7.0 THERMAL & MOISTURE PROTECTION

7.1 SEE CODE ANALYSIS ON SHEET T-2 FOR FIRE RESISTIVE CONSTRUCTION REQUIREMENTS.

7.2 ALL CONCEALED STRUCTURAL STEEL THAT IS REQUIRED TO BE OF FIRE RESISTIVE CONSTRUCTION SHALL RECEIVE SPRAY-APPLIED FIRE RESISTIVE MATERIAL IN ACCORDANCE WITH "STRUCTURAL FIREPROOFING" CHART.

7.3 NOT USED.

7.4 SEAL ALL JOINTS SUBJECT TO EXPANSION, CONTRACTION, OR OTHER MOVEMENT:
- CERAMIC TILE, TOILET FIXTURE JOINTS- SILICONE RUBBER.
- INTERIOR GLAZING JOINTS, JOINTS AT SILICONE RUBBER.
- EXTERIOR JOINTS ON VERTICAL SURFACES - POLYURETHANE (NON-SAG).
- HORIZONTAL PAVING JOINTS - POLYURETHANE (SELF- LEVELING).
- PRECOMPRESSED EXPANDING SEALANT TAPE.
- PAVEMENT JT. FILLER: RES., PREMOLDED ASPHALT IMPREGNATED FIBERBD.
- PRIMERS, BOND BREAKERS, AND BACKING MATERIAL:
- AS DIRECTED AND APPROVED BY SEALANT MANUFACTURERS.
- SAFE AND COMPATIBLE WITH ADJACENT SURFACES.

PROVIDE COMPLETE SEALING OF JOINTS IN OR BETWEEN MATERIALS SUBJECT TO PENETRATION BY AIR OR WATER.
- CERAMIC TILE, TOILET FIXTURE JOINTS- SILICONE RUBBER.
- SELECT TYPE AS SCHEDULED. SEE SPECIFICATIONS.

8.0 DOORS

8.1 ACCESS DOORS - PROVIDE METAL ACCESS DOORS IN PARTITIONS AND HARD CEILINGS AT THE LOCATION OF ALL BUILDING ELEMENTS WHICH REQUIRE ACCESS. BUILDING ELEMENTS SPECIFICALLY REQUIRING ACCESS INCLUDE ALL FIRE DAMPERS, VOLUME DAMPERS, FILTERS, VALVES, FUSIBLE LINKS, MECHANICAL AND ELECTRICAL JUNCTION BOXES. PROVIDE ADDITIONAL ACCESS DOORS WHERE SHOWN OR SCHEDULED.

8.2 ALL ACCESS DOORS IN FIRE RATED PARTITIONS OR CEILINGS SHALL HAVE A UL LISTING EQUIVALENT IN FIRE RATING TO THE PARTITION OR CEILING INTO WHICH THE ACCESS PANEL IS BEING INSTALLED.

8.3 LOUVERS - IN ADDITION TO THE LOUVERS SHOWN ON THE ARCHITECTURAL DRAWINGS, PROVIDE ADDITIONAL LOUVERS AS INDICATED ON THE MECHANICAL DRAWINGS.

8.50 WINDOWS AND GLASS

8.51 ALL GLAZING INSTALLED IN AND ADJACENT TO DOORS AND WHERE REQUIRED BY THE C.B.C. SHALL BE FULLY TEMPERED, UNLESS NOTED OTHERWISE.

8.52 ALL GLAZING OCCURRING IN FIRE RATED PARTITIONS SHALL BE UL LISTED WIRE GLASS U.O.N.

10.1 PORTABLE FIRE EXTINGUISHERS SHALL BE OWNER FURNISHED. SIZE 2A:10B:C WITH VALID CERTIFICATION TAG ATTACHED.

DEFERRED APPROVAL

THE FOLLOWING ITEMS SHALL NOT BE INSTALLED UNTIL SIGNED ENGINEERING CALCULATIONS DETAILED PLANS, SPECIFICATIONS AND EQUIPMENT SUBMITTALS HAVE BEEN SUBMITTED AND REVIEWED BY THE ENGINEER, ARCHITECT, AND BY THE DIVISION OF STATE ARCHITECT:

1. FIRE SPRINKLER SYSTEM THROUGHOUT, ANCHORAGE AND ATTACHMENT TO STRUCTURE.
2. EXTERIOR CURTAIN WALL SYSTEMS AND SUNSHADES, AND ANCHORAGE TO STRUCTURE.
3. STOREFRONT SYSTEMS AND ANCHORAGE TO STRUCTURE.
4. ELEVATORS

SCOPE OF WORK

THE PROJECT CONSISTS OF SITE AND BUILDING CONSTRUCTION OF THE NEW SCIENCE BUILDING AND MECHANICAL/CHILLER/PUMP BUILDING AT LOS MEDANOS COLLEGE, PITTSBURG, CALIFORNIA

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LICENSED ARCHITECT STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-108228
DATE

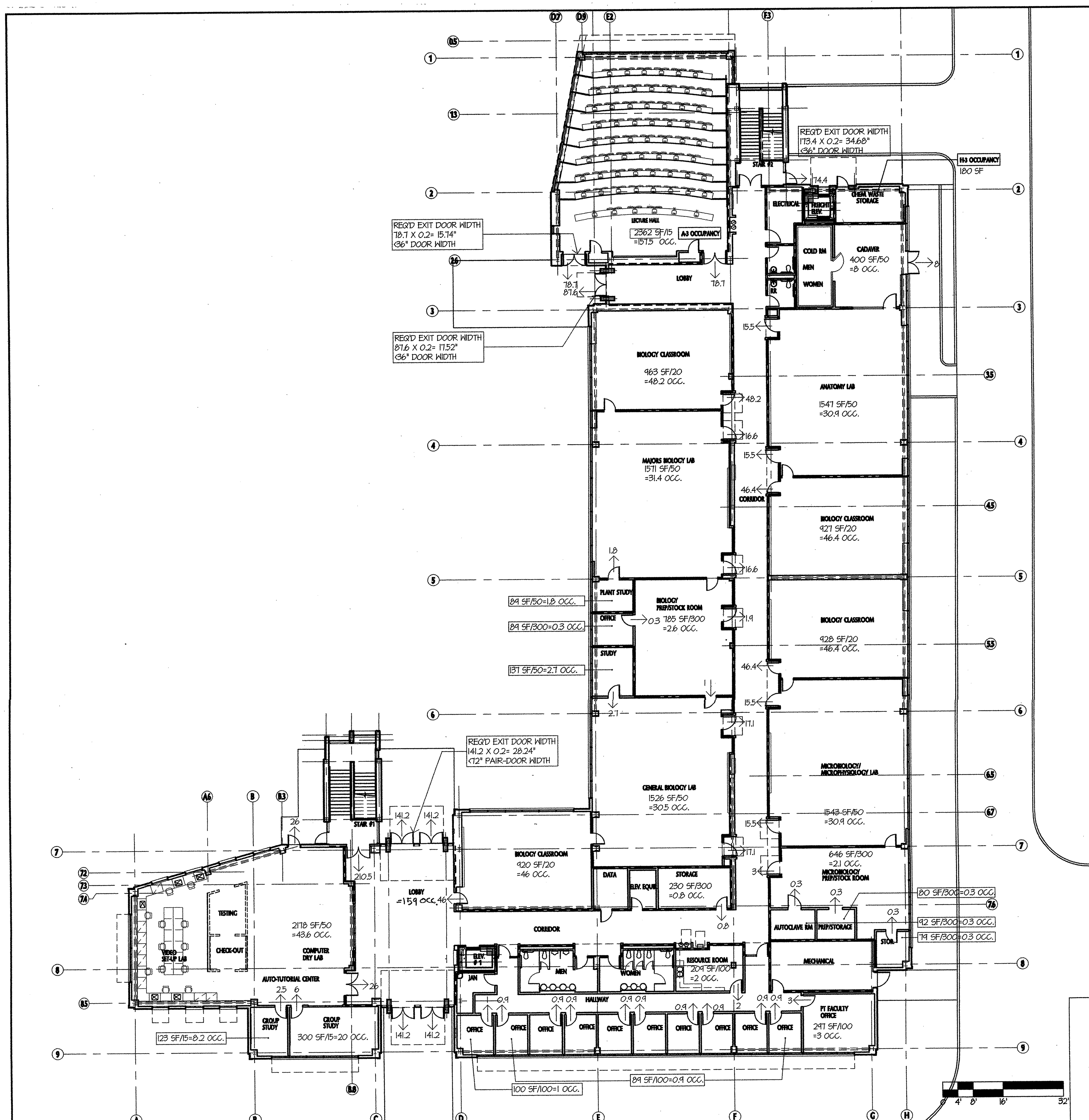
Division of the State Architect
Regional Office:
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

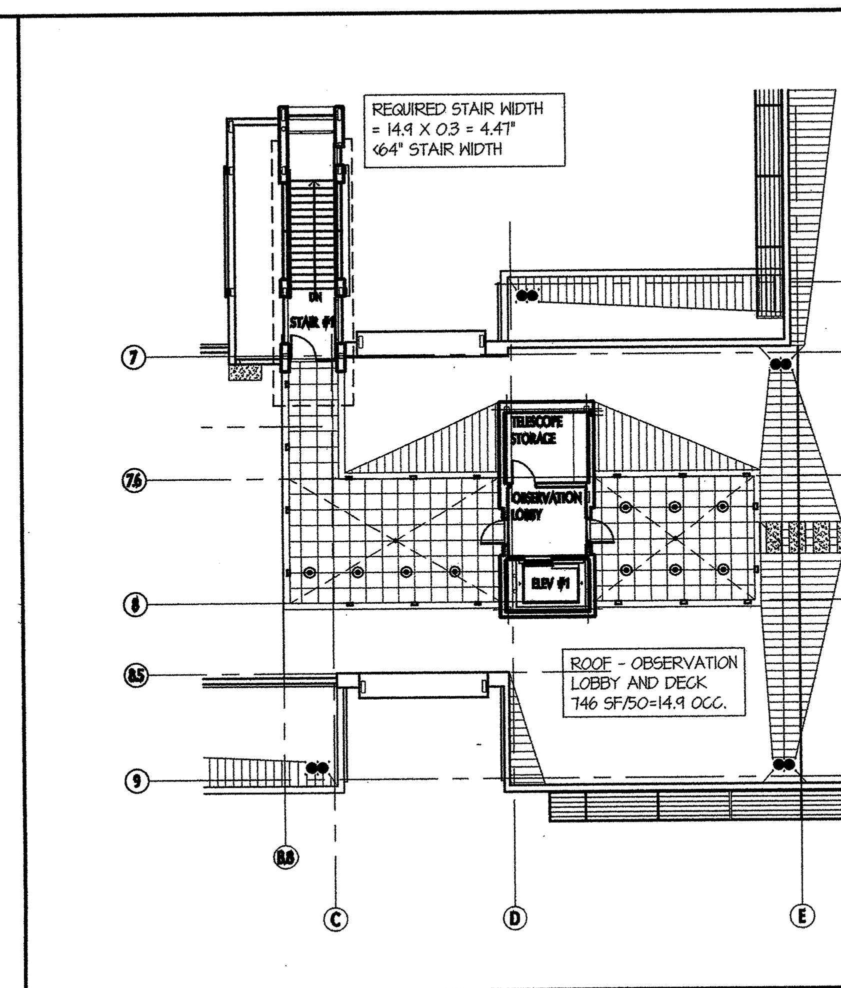
Contra Costa Community College District

tBP project number: 20247.00
file name: 0T-1.DWG
drawn by: JP
checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

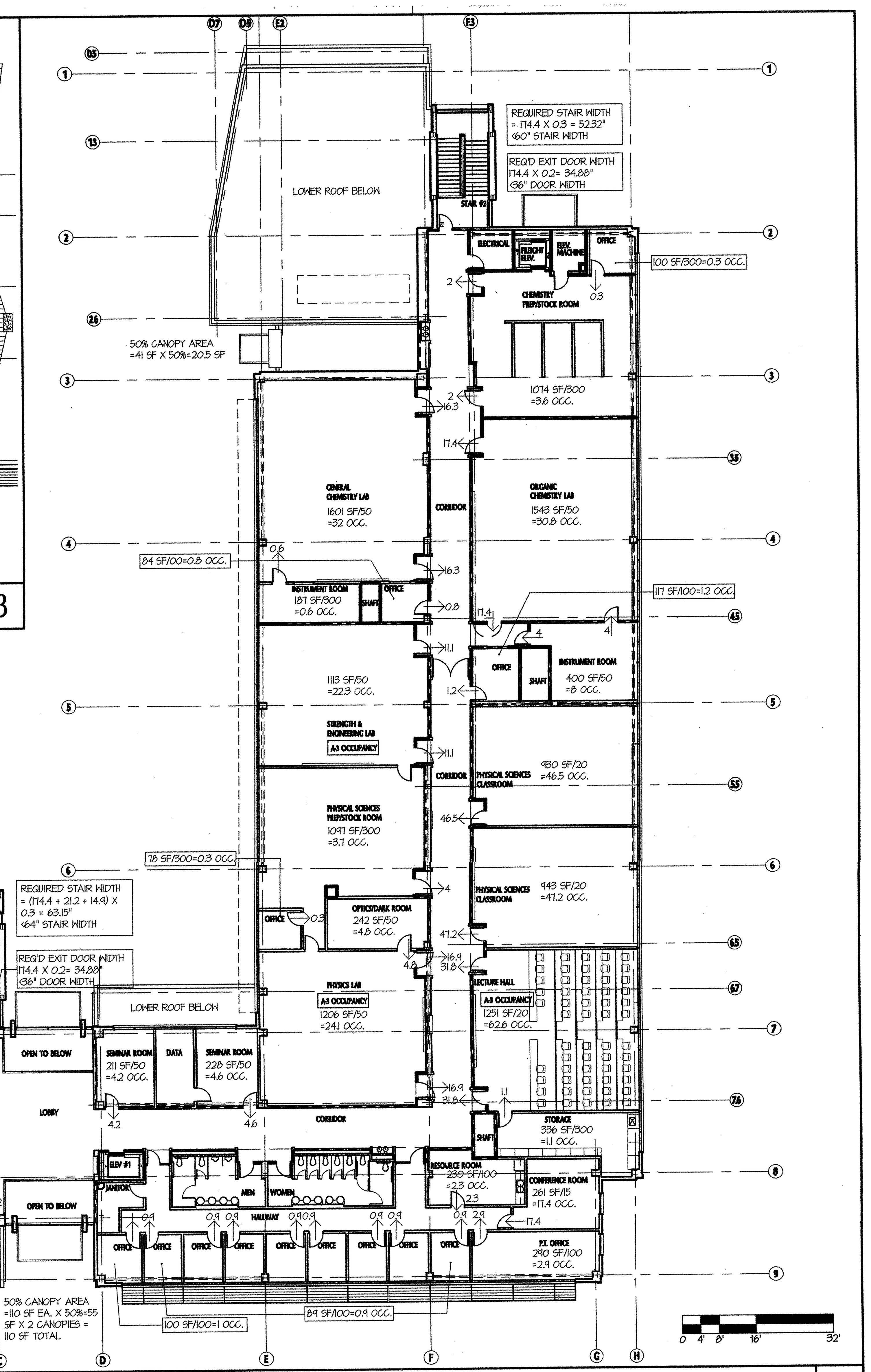
drawing title:
SHT. INDEX & PROJ. DIR. ABBR. GEN. NOTES, TYPES
LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
T-1



FIRST FLOOR EXITING PLAN 1
SCALE: 1/16"=1'-0"



PARTIAL ROOF PLAN 3
SCALE: 1/16"=1'-0"



SECOND FLOOR EXITING PLAN 2
SCALE: 1/16"=1'-0"

APPLICABLE CODES

2001 CALIFORNIA CODES:

STATE OF CALIFORNIA TITLE 24 (2001 EDITION) - PART 1 BUILDING STANDARDS ADMINISTRATIVE CODE.

STATE OF CALIFORNIA TITLE 24 (2001 EDITION) - PART 2/VOLUMES 1, 2 AND 3 CALIFORNIA BUILDING CODE/ UNIFORM BUILDING CODE (1997 EDITION), WITH 2001 CALIFORNIA AMENDMENTS

STATE OF CALIFORNIA TITLE 24 (2001 EDITION) - PART 3 CALIFORNIA ELECTRICAL CODE / NATIONAL ELECTRICAL CODE (1999 EDITION), WITH 2001 CALIFORNIA AMENDMENTS

STATE OF CALIFORNIA TITLE 24 (2001 EDITION) - PART 4 CALIFORNIA MECHANICAL CODE / IAPMO UNIFORM MECHANICAL CODE (2000 EDITION), WITH 2001 CALIFORNIA AMENDMENTS

STATE OF CALIFORNIA TITLE 24 (2001 EDITION) - PART 5 CALIFORNIA PLUMBING CODE / IAPMO UNIFORM PLUMBING CODE(2000 EDITION), WITH 2001 CALIFORNIA AMENDMENTS

STATE OF CALIFORNIA TITLE 24 (2001 EDITION) - PART 6 CALIFORNIA ENERGY CODE

STATE OF CALIFORNIA TITLE 24 (2001 EDITION) - PART 7 CALIFORNIA ELEVATOR SAFETY CONSTRUCTION CODE

STATE OF CALIFORNIA TITLE 24 (2001 EDITION) - PART 9 CALIFORNIA FIRE CODE / WITH 1997 UFC AMENDMENTS.

STATE OF CALIFORNIA TITLE 24 (2001 EDITION) - PART 12 CALIFORNIA REFERENCED STANDARDS CODE

STATE OF CALIFORNIA TITLE 19, PUBLIC SAFETY, STATE FIRE MARSHAL (SFM) REGULATIONS.

STATE OF CALIFORNIA TITLE 8, INDUSTRIAL SAFETY, CHAPTER 4.

NATIONAL REFERENCE STANDARDS

ASD (AISC) MANUAL OF STEEL CONSTRUCTION, 9th EDITION

1991 REVISED NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION

ACI - 318 -95 CODE & COMMENTARY

NFPA 13, THE INSTALLATION OF AUTOMATIC SPRINKLER SYSTEMS, 1999 EDITION AS AMENDED

NFPA 14, INSTALLATION OF STANDPIPE AND HOSE SYSTEMS, 2000 EDITION

NFPA 17-A, WET CHEMICAL EXTINGUISHING SYSTEMS, 1994 EDITION

NFPA 24, INSTALLATION OF PRIVATE FIRE SERVICE MAINS. 1995 EDITION

NFPA 72, NATIONAL FIRE ALARM CODE, 1999 EDITION (AS AMENDED BY SFM)

CHAPTER 4, PART 1, TITLE 24, C.C.R., ADMINISTRATIVE REQUIREMENTS (PARTIAL LISTING ONLY)

1. A COPY OF PARTS 1 AND 2, TITLE 24, C.C.R. SHALL BE KEPT ON THE JOB SITE AT ALL TIMES.

2. ALL CHANGE ORDERS AND ADDENDA TO BE SIGNED BY THE ARCHITECT AND THE OWNER AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT (DSA). CHANGE ORDERS ARE NOT VALID UNTIL APPROVED BY DSA. PER SECTION 4-338, PART 1, TITLE 24.

3. ALL TESTS TO CONFORM TO THE REQUIREMENTS OF SECTION 4-335, PART 1, TITLE 24 AND APPROVED T & I SHEET.

4. TESTS MATERIALS AND TESTING LABORATORY SHALL BE IN ACCORDANCE WITH SECTION 4-335 OF PART 1, TITLE 24 AND THE DISTRICT SHALL EMPLOY AND PAY THE LABORATORY. COSTS OF RE-TEST MAY BE BACK CHARGED TO THE CONTRACTOR.

5. DSA SHALL BE NOTIFIED AT THE START OF CONSTRUCTION AND PRIOR TO THE PLACEMENT OF CONCRETE PER SECTION 4-331, PART 1, TITLE 24.

6. INSPECTOR SHALL BE APPROVED BY DSA. INSPECTION SHALL BE IN ACCORDANCE WITH SECTION 4-333(B). THE DUTY OF THE INSPECTOR SHALL BE IN ACCORDANCE WITH SECTION 4-342, PART 1, TITLE 24. SPECIAL INSPECTIONS SHALL BE PERFORMED AS REQUIRED BY PART 1 SECTION 4-333(C).

7. SUPERVISION OF CONSTRUCTION BY DSA. SHALL BE IN ACCORDANCE WITH SECTION 4-334, PART 1, TITLE 24.

8. CONTRACTOR, INSPECTOR, ARCHITECT AND ENGINEERS SHALL SUBMIT VERIFIED REPORTS (FORM SSS-6) IN ACCORDANCE WITH SECTION 4-336 AND 4-343, PART 1, TITLE 24.

9. THE ARCHITECT AND THE STRUCTURAL ENGINEER SHALL PERFORM THEIR DUTIES IN ACCORDANCE WITH SECTION 4-333(A) AND 4-341, PART 1, TITLE 24.

10. THE CONTRACTOR SHALL PERFORM HIS DUTIES IN ACCORDANCE WITH SECTION 4- 343, PART 1, TITLE 24.

11. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE SCHOOL BUILDING IN ACCORDANCE WITH TITLE 24, C.C.R.. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24, C.C.R., A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE OFFICE OF REGULATION SERVICE BEFORE PROCEEDING WITH THE WORK.

CODE ANALYSIS

DESCRIPTION:
A NEW, ~~TWO~~ THREE-STORY, 56' TALL SCIENCE BUILDING WITH ROOF OBSERVATION DECK, APPROXIMATELY 51,469 GSF.
PRIMARY OCCUPANCY IS GROUP B WITH GROUP A-3 ACCESSORY USES.
TYPE II-1HR (603), NON-COMBUSTIBLE, PROTECTED BY AUTOMATIC SPRINKLER SYSTEM USED TO SUBSTITUTE FOR 1-HOUR FIRE RESISTIVE CONSTRUCTION (508)
FOUR YARDS, MINIMUM YARD SETBACK EXCEEDS 40.0' (505.1.3)
FIRE ALARM SYSTEM REQUIRED (511)

APPLICABLE ZONING REGULATIONS
APPROVAL FROM CONTRA COSTA FIRE DEPARTMENT: REFER TO SITE PLAN IN SITE PREPARATION PACKAGE DSA #105751.

APPLICABLE BUILDING CODE:
CALIFORNIA BUILDING CODE - 2001 EDITION (1997 UBC)

JURISDICTION:
DIVISION OF THE STATE ARCHITECT, OAKLAND, CA
LOCAL FIRE AUTHORITY, (REVIEW OF SITE FIRE ACCESS, FIRE FLOW, AND FIRE HYDRANT LOCATION)

OCCUPANCY CLASSIFICATION: Chapter 3 & 4
PRIMARY OCCUPANCY: GROUP B EDUCATION ABOVE 12TH GRADE 304.1 (INCLUDES LABORATORIES) 304.1
ACCESSORY OCCUPANCIES: GROUP A-3 CLASSROOMS (>50 OCCUPANTS) 303.1.1
*VOCATIONAL
ACCESSORY OCCUPANCIES: GROUP H-3
LABORATORIES ARE CONSIDERED VOCATIONAL AND SHOPS FOR GROUP B OCCUPANCY.

OCCUPANCY HAZARD CLASSIFICATION: CBC, UFC, And NFPA 101

LOCATION ON PROPERTY: CHAPTER 5
FOUR YARDS, MINIMUM YARD WIDTH EXCEEDS 40.0'

TYPE OF CONSTRUCTION: CHAPTER 6
TYPE II-1HR, NONCOMBUSTIBLE, PROTECTED BY AUTOMATIC SPRINKLER SYSTEM USED TO SUBSTITUTE FOR 1-HOUR FIRE-RESISTIVE CONSTRUCTION (508)

(TYPE II-1 HR WAS SELECTED DUE TO MAXIMUM NUMBER OF STORIES FOR A-3 OCCUPANCY. TYPES I, II-FR, III-1HR AND IV HT WOULD ALSO WORK. TYPE II-1 HR ALSO ALLOWS DIMINISHED OPENING PROTECTION BASED ON DISTANCE FROM PROPERTY LINES).

EXTERIOR WALL AND OPENING PROTECTION: TABLE 5-A, TABLE 6- A
TYPE II-1HR

BUILDING ELEMENT		EXTERIOR WALLS	OPENINGS
1.Bearing Walls - exterior		1 HR N/C	
	A-3	2 HR N/C < 5' (1 HR N/C ELSEWHERE)	NOT PERMITTED < 5' PROTECTED < 10' (3/4-HR)
	B	1-HR N/C	NOT PERMITTED < 5' PROTECTED < 10' (3/4-HR)
	H-3	4 HR N/C<5' 2 HR N/C<10' (1 HR N/C ELESWHERE)	NOT PERMITTED < 5' PROTECTED < 20' (3/4-HR)

2.NONBEARING WALLS - EXTERIOR NR, N/C
A-3 SAME AS BEARING < 40 SAME AS BEARING (NR, N/C elsewhere)
B SAME AS BEARING , 40' SAME AS BEARING (NR, N/C elsewhere)

3.Structural frame 1 HR (TABLE 6A, FOOTNOTE 1)

FIRE RESISTIVE RATINGS: Table 6-A Type II-1 HR

BUILDING ELEMENT	
1.BEARING WALLS - EXTERIOR	1 HR TABLE 5A, 508
2.BEARING WALLS - INTERIOR	1 HR*
3.NONBEARING WALLS - EXTERIOR	1 HR*
4.STRUCTURAL FRAME	1 HR* TABLE 6A FOOTNOTE 1
5.PARTITIONS - PERMANENT	1 HR*
6.SHAFT ENCLOSURES	1 HR 1 HR OPENINGS (711.4)
7.FLOORS AND FLOOR-CEILINGS	1 HR*
8.ROOFS AND ROOF-CEILINGS	1 HR* UNPROTECTED OPENINGS (710.4)
9.EXTERIOR DOORS AND WINDOWS	(602.3.2)
10.STAIRWAY CONSTRUCTION	N/C (603.4)

*AUTOMATIC SPRINKLER SYSTEM USED TO SUBSTITUTE FOR THE 1-HOUR FIRE-RESISTIVE CONSTRUCTION (508)

ALLOWABLE FLOOR AREA: Chapter 5 Type II-1HR

	A-3	B	H-3
a. BASIC ALLOWABLE	13,500	18,000	11,200 (TABLE 5-B)
b. YARD INCREASE ALL SIDES (40' - 20' x 5% = 100 % x a)	13,500	18,000	11,200 (505.1.3)
c. SUBTOTAL (a+b)	27,000	36,000	22,400
d. MULTI-STORY (2xc)	54,000	72,000	44,800 (504.2)
e. SPRINKLERS ONE-STORY (3 x c)	Not used	Not used	(505.3)
f. SPRINKLERS MULTI-STORY (2 x d)	Not used	Not used	(505.3)(404.3.1)
TOTAL, ALLOWABLE SINGLE-STORY	27,000	36,000	22,400
TOTAL, ALLOWABLE MULTI-STORY	54,000	72,000	44,800

ACTUAL FLOOR AREA:	A-3	+	B	+	H-3	= Totals
FIRST FLOOR	2,843	+	24,709	+	180	= 27,732
SECOND FLOOR	3,586	+	20,151	+	0	= 23,737
TOTALS	6,429 asf		44,860asf	+	180 asf	= 51,469 gsf

44,860 S.F INCLUDS THE CANOPY AREAS

ALLOWABLE FLOOR AREA - MIXED OCCUPANCY: (504.3)
AREA RATIO A-3 B H-3
6,429/54,000 + 44,860/72,000+ 180/44,800= 0.746 < 1 = OK

HEIGHT LIMITATIONS: TABLE 5-B Type II-1 HR
MAXIMUM HEIGHT 65'
MAXIMUM STORIES 2 Stories for A-3 & H-3
4 STORIES FOR B
ACTUAL # STORIES 3 BULD. HEIGHT = 56'
(TYPES II-N AND III-N DO NOT ALLOW 2 STORIES FOR A-3 OCCUPANCIES & H-3)

OCCUPANCY SEPARATIONS: Table 3-B
A-3/B No requirement for fire resistance
H-3/B 2 HR requirement for fire resistance
Laboratories and vocational shops in buildings used for educational purposes, and similar areas containing hazardous material, shall be separated from each and other portions of the building by not less than a one-hour fire-resistive occupancy separation.

AREA SEPARATION: 504.6
Not applicable to design*

MEANS OF EGRESS: 1003 and 1007
Occupant Load (Table 10-A)
Exit Door width required (1003.3.1.3, Table 10-B)
Exit Stair width required (1003.3.3.2, Table 10-A)
Exits Required (1004.2.3.4, Table 10-A)
Panic Hardward: Required at doors serving rooms with 50 or more occupants (A-3 Occupanies)

EXIT ACCESS: 1004
INTERVENING ROOMS (1004.2.2)
SEPARATION OF EXITS OR EXIT ACCESS DOORWAYS: (1004.2.4)
TRAVEL DISTANCE: 250', SPRINKLERED BUILDING (1004.2.2, 1004.3.3)
HALLWAYS ARE PERMITTED AS INTERVENING ROOMS (1004.2.2, 1004.3.3)
CORRIDORS (1004.3.4)

THE EXIT: 1005
EXTERIOR EXIT DOORS
EXIT ENCLOSURES (INTERIOR STAIRWAYS): 1-HOUR FIRE-RESISTIVE (1005.3.3.2). 1-HOUR FIRE-RESISTIVE CONSTRUCTION NOT REQUIRED IF STAIRWAY SERVES ONLY ONE ADJACENT FLOOR. HORIZONTAL EXITS: N.A.
HORIZONTAL EXITS: N.A
EXIT ENCLOSURES (ENCLOSED INTERIOR STAIRWAYS) ARE NOT REQUIRED FOR TWO STORY BUILDING (1005.3.3.1)

EXIT DISCHARGE: 1006
THE EXIT DISCHARGE SHALL NOT REENTER THE EXIT ACCESS (1006.2.1)
TRAVEL DISTANCE: 250' TO GRADE, SPRINKLERED BUILDING (1006.2.3)
EXTERIOR EXIT BALCONY: N.A.
EXTERIOR EXIT STAIRWAY: (1006.3.3)

AUTOMATIC FIRE EXTINGUISHING SYSTEM : CHAPTER 9
NOT REQUIRED FOR AREA OR HEIGHT INCREASE
USED TO SUBSTITUTE FOR 1-HOUR FIRE-RESISTIVE CONSTRUCTION (508)
REQUIRED IN H-3 OCCUPANCY

STANDPIPE SYSTEM: TABLE 9-A
NOT REQUIRED.

FIRE ALARM SYSTEM
REQUIRED (511)

PORTABLE FIRE EXTINGUISHER (TITLE 24)
PORTABLE EXTINGUISHERS 2A:10B:C, TAGGED

DISTRIBUTION
FIRST FLOOR 27,552 / 3,000 10 EXTINGUISHERS (MIN.)
SECOND FLOOR 23,737 / 3,000 8 EXTINGUISHERS (MIN.)
ROOF 1 (MIN.)

MAXIMUM FLOOR AREA FOR EXTINGUISHER: 3,000 ASF
MAXIMUM TRAVEL DISTANCE TO EXTINGUISHER: 75 FEET

MINIMUM TOILET REQUIREMENTS: APPENDIX CHAPTER 29
36,060 ASF/50= 721 OCCUPANTS / 2 = 360 MALE AND 360 FEMALE

Totals:		WC	LAV	URINALS
MALE	360	9 OR (5WC/4URINALS)	9	4
FEMALE	360	12	9	NA

(URINALS: 1 URINAL IN LIEU OF 1 TOILET UP TO 50% OF TOTAL TOILET REQUIREMENT)

DRINKING FOUNTAINS: APPENDIX CHAPTER 29
721 OCCUPANTS / 150 = 5 REQUIRED

MECHANICAL / CHILLER/PUMP BUILDING

DESCRIPTION
A NEW ONE-STORY, APPROXIAMTELY 845 GSF, MECHANICAL BUILDING.
PRIMARY OCCUPANCY IS GROUP F-1.
TYPE VN-1 (603)
SETBACK EXCEEDS 20.0' (505.1.3.)
FIRE ALRAM SYSTEM REQUIRED (511)

OCCUPANCY CLASSIFICATION: CHAPTER 3 & 4
PRIMARY OCCUPANCY: GROUP F-1 MECHANICAL/CHILLER/PUMP BUILDING 306

OCCUPANCY HAZARD CLASSIFICATION: CBC, UFC, AND NFPA 101

LOCATION ON PROPERTY: CHAPTER 5

FIRE RESISTIVE RATING: TABLE 5-A TYPE VN
BUILDING ELEMENT

1. BEARING WALLS - EXTERIOR — 1 HR LESS THAN 3 FT NR ELSEWHERE TABLE 5-1
2. NON-BEARING WALLS - EXTERIOR — SAME AS BEARING
3. OPENINGS — NOT PERMITTED LESS THAN 3 FT.

ALLOWABLE FLOOR AREA: CHAPTER 5 TYPE VN F-1

A. BASIC ALLOWABLE	8,000
E. SPRINKLERS ONE-STORY	NOT USED
F. SPRINKLERS MULTI-STORY	NOT USED
TOTAL ALLOWABLE SINGLE STORY	8,000

ACTUAL FLOOR AREA: CHAPTER 5
FIRST FLOOR 845
TOTAL 845
ACTUAL # STORIES = 1 ACTUAL HEIGHT = 14'
ALLOWABLE FLOOR AREA: (504)
HEIGHT LIMITATIONS: TABLE 5-B
MAXIMUM HEIGHT: 2 STORIES

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REN. 12-31-05
STATE OF CALIFORNIA

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OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
AC FLS SS
DATE 1-12-05
FILE No. 7-C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number : 20241.00
file name: OT-2.DWG
drawn by: VL, CC checked by: CC
date: NOVEMBER 15, 2004 1:1

Rev.	date	description

drawing title:
EXITING PLANS AND
AND CODE ANALYSIS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:
T-2

LOS MEDANOS COLLEGE
2700 East Leland Road Pittsburg, CA 94565-5197
voice 925.439.2181 fax 925.427.1599
www.losmedanos.net

November 17,2004

To Whom It May Concern,

To further clarify our written confirmation of August 31, 2004, wherein the Administration and Faculty of the Physical and Life Science Departments agreed to abide by chemical types and storage limitations as listed within CBC, Tables 3D and 3E for those areas within the New Science Building at Los Medanos College; we acknowledge those restricted areas as follows:

First floor rooms: 125,126,127,128,129,132,133,134,[redacted],143,144,145,146,147 & 148

Second floor rooms: 233,234,235,236,237,242, & 243

Gil Rodriquez
Dean, Liberal Arts and Sciences
Los Medanos College

-THE COLLEGES OF CONTRA COSTA-

Los Medanos College

Date: August 31, 2004

To Whom It May Concern,

The Administration and faculty of the Physical and Life Science Departments understand the chemical types and related storage limitations as listed within CBC, Tables 3D and 3 E.
We agree to abide by these limitations within the storage and use areas of the New Science Building at Los Medanos College.

Gil Rodriguez
Dean, Liberal Arts and Sciences
Los Medanos College

HAZARDOUS MATERIALS ALLOWANCES.

The building is designed for the following maximum amounts of Hazardous Materials per control areas. See A0.10 for definition of control areas.

UBC TABLE	REG No. & MAT'L	REG. VALUE	CLASS	B-2 LB. LIMIT	B-2 GAL. LIMIT	B-2 CUFT. LIMIT	COMMENTS
Table 3-D	1.1	Combustible Liquid	II	N.A.	240	N.A.	Quantity shown has been increased 100% for sprinklered building.
			III-A	N.A.	660	N.A.	Quantity shown has been increased 100% for sprinklered building.
			III-B	N.A.	N.L.	N.A.	N.L. in sprinklered building.
	1.2	Combustible Fiber	loose	100	N.A.	N.A.	
			baled	1,000	N.A.	N.A.	
	1.3	Cryogenic, flammable		N.A.	45	N.A.	
	2.1	Explosives		1/4	1/4	N.A.	Permitted in sprinklered buildings only.
	3.1	Flammable Solid		1/4	N.A.	N.A.	
	3.2	Flammable Gas	gaseous	N.A.	N.A.	3,000	Quantity shown has been increased 100% for storage in exhausted gas cabinet, exhausted enclosure or fume hood and an additional 100% for sprinklered building.
			liquefied	N.A.	60	N.A.	Quantity shown has been increased 100% for storage in exhausted gas cabinet, exhausted enclosure or fume hood and an additional 100% for sprinklered building.
	3.3 1B	Flammable Liquid	I-A	N.A.	60	N.A.	Quantity shown has been increased 100% for sprinklered building.
			I-B	N.A.	120	N.A.	Quantity shown has been increased 100% for sprinklered building.
			I-C	N.A.	180	N.A.	Quantity shown has been increased 100% for sprinklered building.
			Comb. I-A, I-B & I-C	N.A.	240	N.A.	Quantity shown has been increased 100% for sprinklered building.Cannot exceed exempt amounts of I-A, I-B & I-C.
	4.1	Organic Peroxide, un-classified,detonatabl		1/4	1/4	N.A.	Permitted in sprinklered buildings only.
	4.2	Organic peroxide	I	2	2	N.A.	Quantity shown has been increased 100% for sprinklered building.
			II	100	100	N.A.	Quantity shown has been increased 100% for sprinklered building.
			III	250	250	N.A.	Quantity shown has been increased 100% for sprinklered building.
			IV	1,000	500	N.A.	Solid quantity shown has been increased 100% for sprinklered building.
			V	N.L.	N.L.	N.A.	
	4.3	Oxidizer	4	1/2	1/2	N.A.	Permitted in sprinklered building only.
			3	4	4	N.A.	Quantity shown has been increased 100% for sprinklered building.
			2	500	500	N.A.	Quantity shown has been increased 100% for sprinklered building.
			1	8,000	8,000	N.A.	Quantity shown has been increased 100% for sprinklered building.
	4.4	Oxidizer Gas	gas	N.A.	N.A.	6,000	Quantity shown has been increased 100% for storage in exhausted gas cabinet, exhausted enclosure or fume hood and an additional 100% for sprinklered building.
			liquefied	N.A.	60	N.A.	Quantity shown has been increased 100% for storage in exhausted gas cabinet, exhausted enclosure or fume hood and an additional 100% for sprinklered building.
	5.1	Pyrophoric		1	1	20	Permitted in sprinklered building only. Gas quantity shown has been increased 100% for storage in exhausted gas cabinet, exhausted enclosure or fume hood. **NOT ALLOWED IN USE IN OPEN SYSTEM.**
	6.1	Unstable Reactive	4	1/4	1/4	4	Permitted in sprinklered building only. Gas quantity shown has been increased 100% for storage in exhausted gas cabinet, exhausted enclosure or fume hood.
			3	2	2	40	Quantity shown has been increased 100% for sprinklered building. Gas quantity shown has been increased an additional 100% for storage in exhausted gas cabinet, exhausted enclosure or fume hood.
			2	100	100	1,000	Quantity shown has been increased 100% for sprinklered building. Gas quantity shown has been increased an additional 100% for storage in exhausted gas cabinet, exhausted enclosure or fume hood.
			1	N.L.	N.L.	N.L.	Quantity shown has been increased 100% for storage in exhausted gas cabinet, exhausted enclosure or fume hood.
	7.1	Water Reactive	3	10	10	N.A.	Quantity shown has been increased 100% for sprinklered building.
			2	100	100	N.A.	Quantity shown has been increased 100% for sprinklered building.
			1	N.L.	N.L.	N.A.	
Table 3-E	1	Corrosive	-	10,000	1,000	3,240	Quantity shown has been increased 100% for sprinklered building.Gas quantity shown has been increased an additional 100% for storage in exhausted enclosure (fume hood, gas cabinet or exhausted enclosure).
	2a	Highly Toxic	-	2	2	40	Quantity shown has been increased 100% for sprinklered building. Gas must be stored in exhausted enclosure (fume hood, gas cabinet or exhausted enclosure).
	3	Irritants	-	10,000	1,000	3,240	Quantity shown has been increased 100% for sprinklered building.Gas quantity shown has been increased an additional 100% for storage in exhausted enclosure (fume hood, gas cabinet or exhausted enclosure).
	4	Sensitizers	-	10,000	1,000	3,240	Quantity shown has been increased 100% for sprinklered building.Gas quantity shown has been increased an additional 100% for storage in exhausted enclosure (fume hood, gas cabinet or exhausted enclosure).
	5	Other-Health Hazards	-	1,000	1,000	3,240	Quantity shown has been increased 100% for sprinklered building.Gas quantity shown has been increased an additional 100% for storage in exhausted enclosure (fume hood, gas cabinet or exhausted enclosure).
	6	Toxics	-	10,000	1,000	3,240	Quantity shown has been increased 100% for sprinklered building. Gas must be stored in exhausted enclosure (fume hood, gas cabinet or exhausted enclosure).

Assumes maximum of 4 Control Areas.
N.A.= Not Applicable N.L.= No Limit

THIS TABLE ABOVE DOES NOT INDICATE THAT ALL THE CHEMICALS IN THE TABLE ARE IN THIS BLDG. FOR EXAMPLE 2.1 (EXPLOSIVE) ARE NOT IN. THIS BLDG.

THE AGREGATE QUANTITY COMBIND MATERIALS WILL NOT EXEED, 1000 GAL.

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LICENSED ARCHITECT ✩ RICHARD A. MANGUM, AIA. NO. C-8685 REN. 12-31-05 ✩ STATE OF CALIFORNIA

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APP. NO. 01-106226
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Oakland, CA 94612
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SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number : 20247.00
file name: OT-3.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004

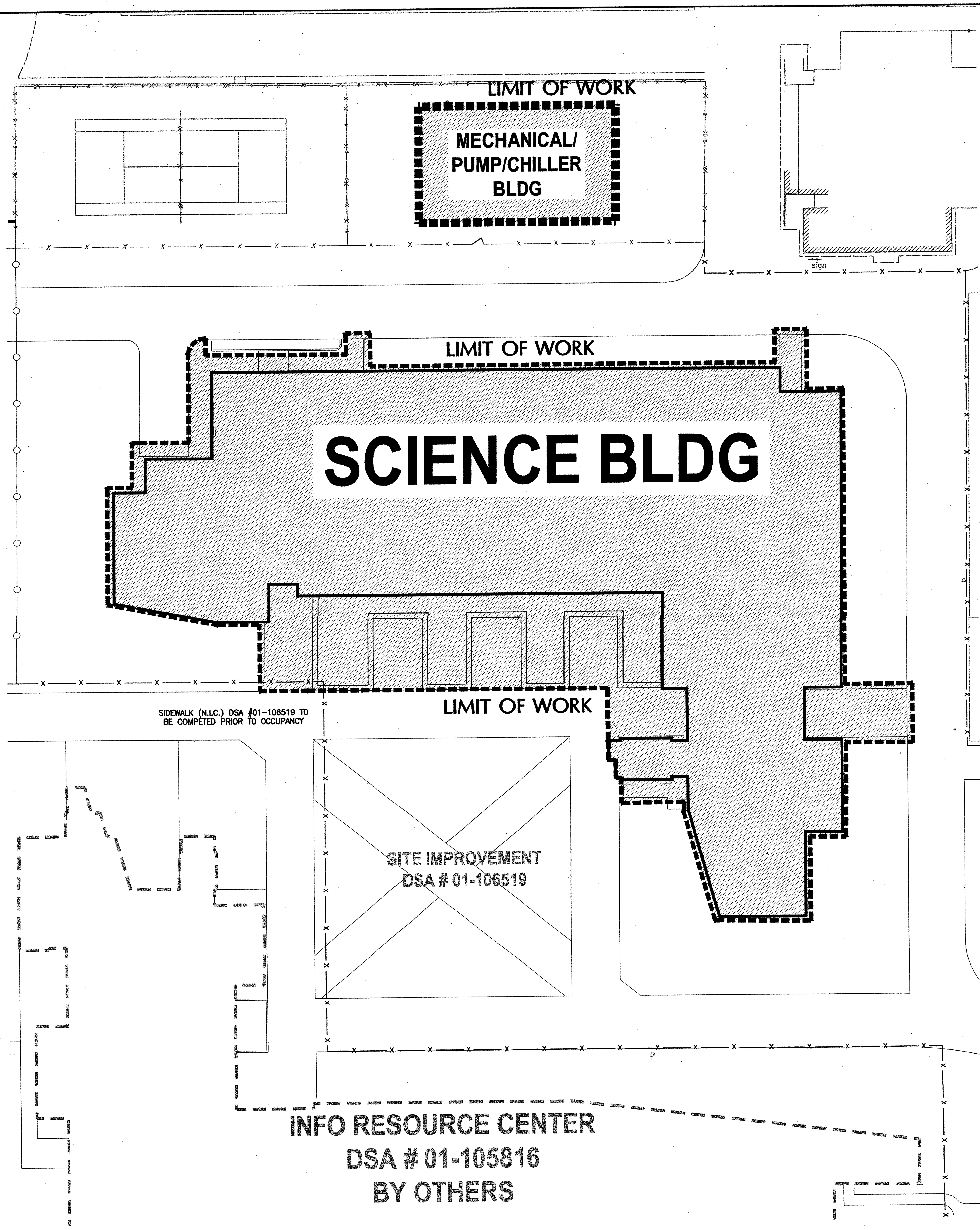
Rev.	date:	description:

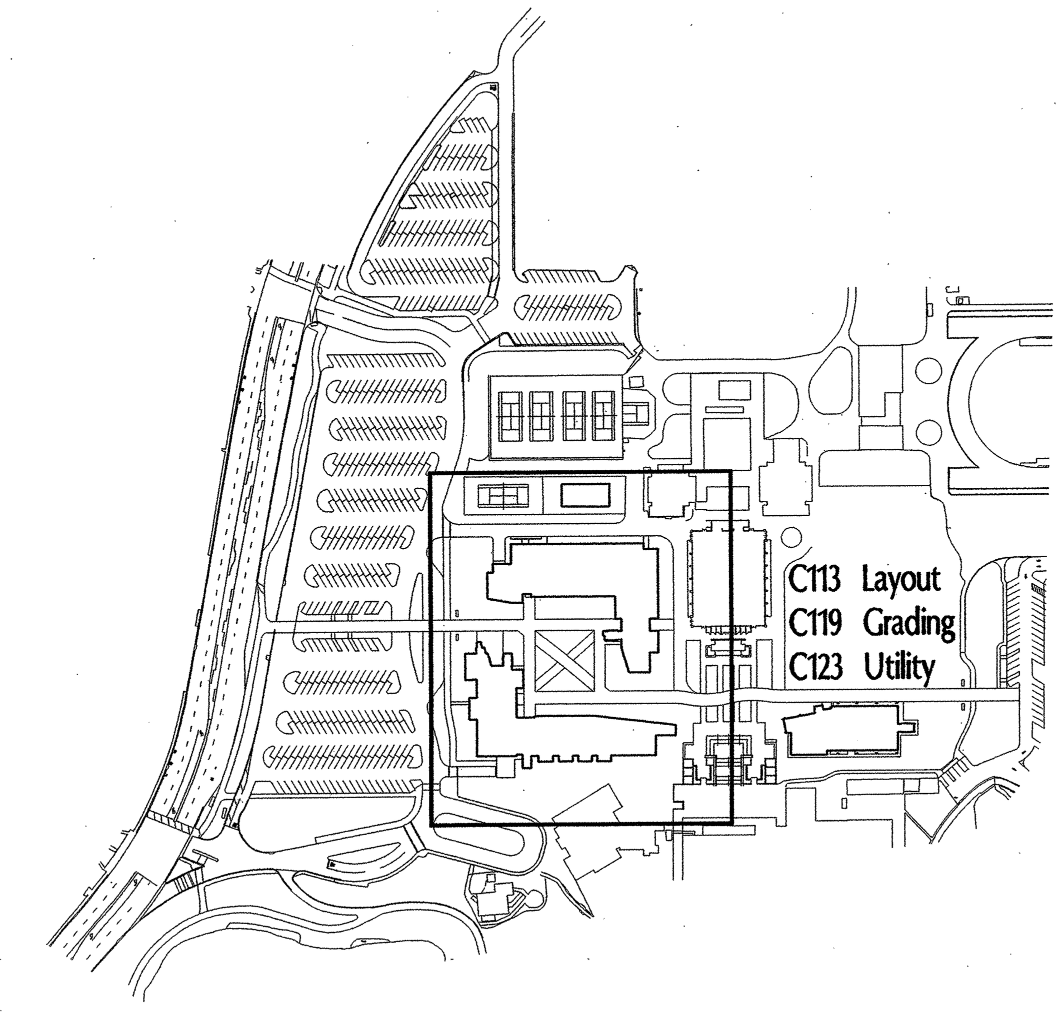
drawing title: REFERENCE

REFERENCE

LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:

T-3





KEY MAP

SCALE: 1"=500'±

LIMIT OF WORK

NOTE: ALL AREAS OF WORK SHOWN OUTSIDE OF THE "LIMIT OF WORK" ARE SPECIFICALLY EXCLUDED FROM THIS PROJECT.

MAINTAIN CONTINUOUSLY AN EMERGENCY VEHICLE ACCESS TO ALL BUILDINGS WITHIN THE TOTAL PROJECT.

DESIGN NORTH

TRUE NORTH

SCALE: 1"=20'

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LICENSED ARCHITECT · STATE OF CALIFORNIA · RICHARD A. MANGUM, AIA. NO. C-8665 REN. 12-31-05

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dba LCC, Inc.
Civil Engineering - Land Surveying
930 Estudillo Street
Martinez, California 94553-1620
(925) 228-4218 Fax (925) 228-4638
LCC Job #2003.004

REGISTERED PROFESSIONAL ENGINEER · ALBERT A. MORRIS · No. 19823 · Exp. 09/30/05 · CIVIL · STATE OF CALIFORNIA

14 OCT 04

consultant

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DATE 1-12-05

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SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

owner

tBP project number : 20241.00	
file name: LCC-civil-Demo	
drawn by: cag	checked by:
date: NOVEMBER 15, 2004	
Rev. date:	description:

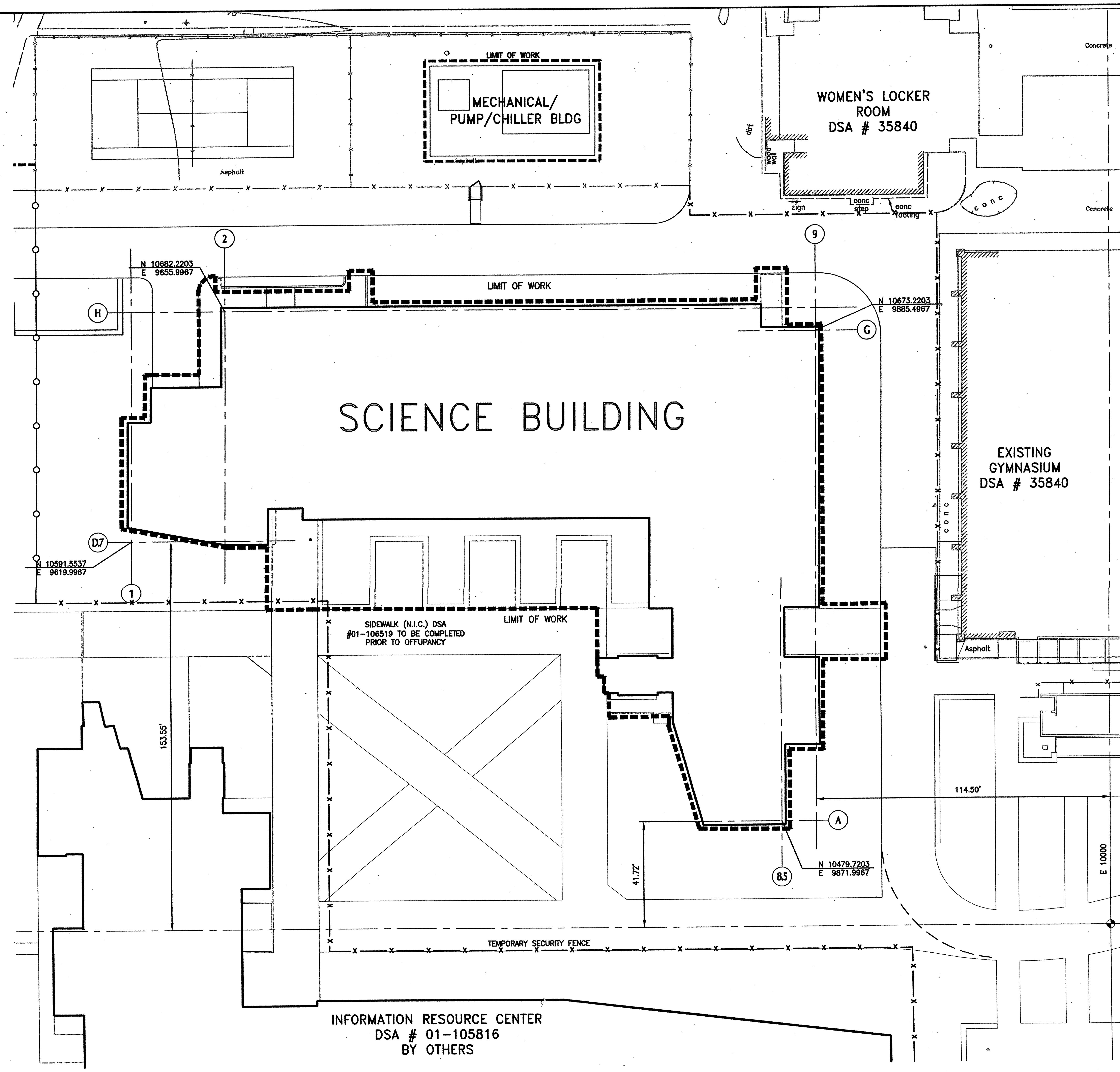
drawing title: SCIENCE BLDG

building no:

LMC SCIENCE 313-023-112.01-0-00.00

drawing no: C-1.09

drawing 1 of ?



DESIGN NORTH

TRUE NORTH

SCALE: 1"=

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SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

owner

tBP project number : 20241.00

file name: LCC-civil-Design.dwg

drawn by: csg checked by:

date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title: building no:

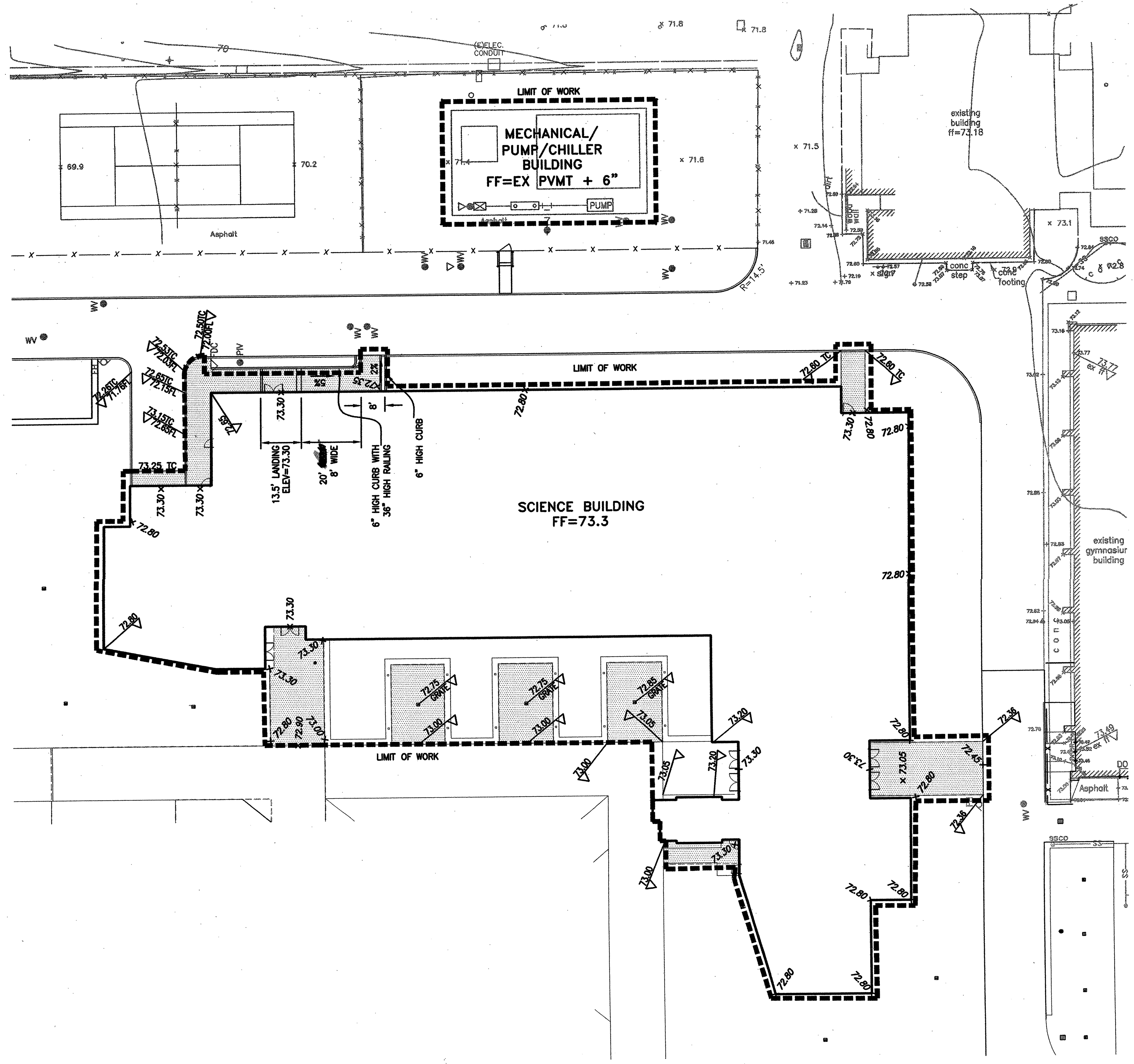
SCIENCE BLDG
CONTROL & LAYOUT

LMC SCIENCE 313-023-112.01-0-00.00

drawing no:

C113

drawing of ?



NOTE:

CONTRACTOR SHALL COORDINATE WITH THE LOS MEDANOS COLLEGE ADMINISTRATION OFFICE ALL WORK AFFECTING ACCESS TO THE GYMNASIUM AND WOMEN'S LOCKER BUILDING A MINIMUM OF 48 HOURS PRIOR TO PERFORMING SUCH WORK. IN ANY CASE, THE COLLEGE ADMINISTRATOR SHALL BE THE FINAL AUTHORITY IN DECIDING ISSUES OF ACCESS WITHIN THE CAMPUS.

DESIGN NORTH

TRUE NORTH

SCALE: 1"=20'

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SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

owner

tBP project number : 20247.00

file name: LCC-civil-Design.dwg

drawn by: cog checked by:

date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title: building no:

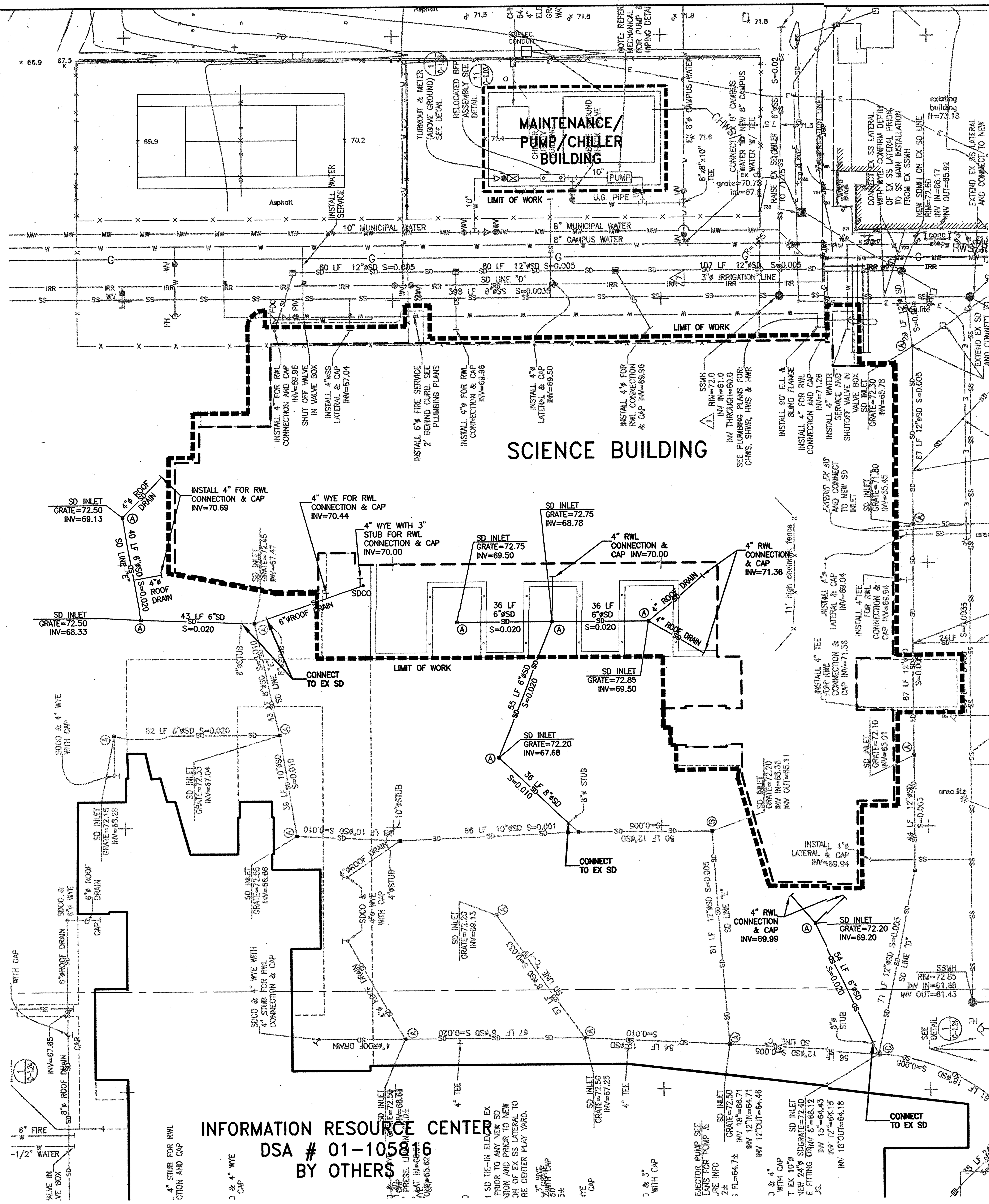
SCIENCE BUILDING
GRADING PLAN

LMC SCIENCE 313-023-112.01-0-00.00

drawing no:

C-1.19

drawing of ?



NOTES:

1. CONTRACTOR SHALL COORDINATE WITH THE LOS MEDANOS COLLEGE ADMINISTRATION OFFICE ALL WORK AFFECTING ACCESS TO THE GYMNASIUM AND WOMEN'S LOCKER BUILDING A MINIMUM OF 48 HOURS PRIOR TO PERFORMING SUCH WORK. IN ANY CASE, THE COLLEGE ADMINISTRATOR SHALL BE THE FINAL AUTHORITY IN DECIDING ISSUES OF ACCESS WITHIN THE CAMPUS.

2. CONTRACTOR WILL NEED TO PERFORM WORK OUTSIDE OF "LIMIT OF WORK" LINE IN ORDER TO MAKE STORM DRAIN CONNECTIONS.

Ⓐ SANTA ROSA TYPE EK INLET (12"x12") OR EQUIVALENT

Ⓑ SANTA ROSA TYPE CK INLET (18"x18") OR EQUIVALENT

Ⓒ SANTA ROSA TYPE 2K INLET (24"x24") OR EQUIVALENT

DESIGN NORTH

TRUE NORTH

SCALE: 1"=20'

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LOS MEDANOS COLLEGE

Contra Costa Community College District

owner

tBP project number : 20247.00

file name: LCC-civil-Design.dwg

drawn by: cag checked by:

date: NOVEMBER 15, 2004

Rev. date: description:

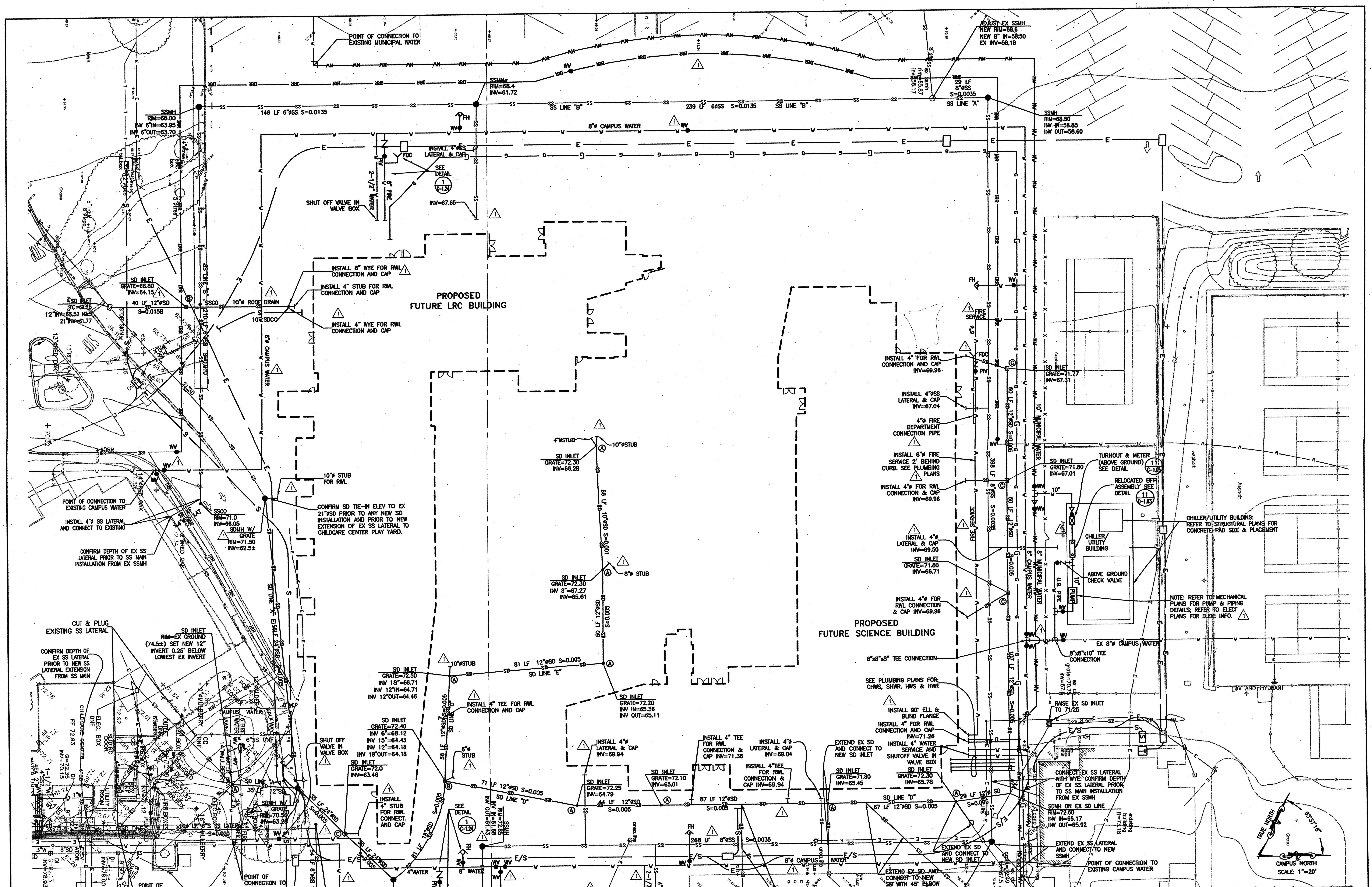
drawing title: building no:

SCIENCE BLDG UTILITY & DRAINAGE PLAN

LMC SCIENCE 313-023-112.01-0-00.00

drawing no: C1.23

drawing of ?



Ⓐ▪ SANTA ROSA TYPE EK INLET (12"x12") OR EQUIVALENT

Ⓑ▫ SANTA ROSA TYPE CK INLET (18"x18") OR EQUIVALENT

Ⓒ▫ SANTA ROSA TYPE 2K INLET (24"x24") OR EQUIVALENT

NOTE: △1

CONTRACTOR SHALL COORDINATE WITH THE LOS MEDANOS COLLEGE ADMINISTRATION OFFICE ALL WORK AFFECTING ACCESS TO THE GYMNASIUM AND WOMEN'S LOCKER BUILDING A MINIMUM OF 48 HOURS PRIOR TO PERFORMING SUCH WORK. IN ANY CAST, THE COLLEGE ADMINISTRATOR SHALL BE THE FINAL AUTHORITY IN DECIDING ISSUES OF ACCESS WITH THE CAMPUS.

SEE C 1.12

FIRE APPROVAL NOTES:

1. CONTRACTOR MUST MAINTAIN FIRE ACCESS AT ALL TIMES. CONTRACTOR TO NOTIFY LOCAL FIRE AUTHORITY OF ANY CHANGES 48 HOURS IN ADVANCE.
2. FOR SITE UTILITIES APPROVAL ONLY BASED ON TENTATIVE FUTURE BUILDING LOCATIONS. IF ANY CHANGES ARE MADE, FIRE DEPARTMENT APPROVAL MUST BE OBTAINED.
3. CONTRACTOR TO PERFORM AND PROVIDE RESULTS OF TESTING FOR FIRE LINE PIPING AT 200 LBS FOR 2 HOURS.
4. LAST 5' OF ALL FIRE SUPPRESSION WATER SYSTEM PIPING TO BUILDINGS SHALL BE DUCTILE IRON.

LOCAL FIRE AUTHORITY REVIEW:

ACCESS ROADS & GATE ENTRANCES ARE IN ACCORDANCE WITH TITLE 19, CALIFORNIA CODE OF REGULATIONS SUBCHAPTER 1, ARTICLE 3.05 (ACCESS ROADS) AND ARTICLE 3.16 (GATE ENTRANCES) TO SCHOOL SITES.

FIRE FLOW, FIRE HYDRANT LOCATIONS AND DISTRIBUTION ARE IN ACCORDANCE WITH CALIFORNIA FIRE CODE, APPENDIX III-A (FIRE FLOW) AND APPENDIX III-B (HYDRANT LOCATIONS).

LOCAL FIRE AUTHORITY: Contra Costa County Fire

ADDRESS: 2010 Geary Rd CITY/STATE/ZIP: Pleasant Hill 94523

PHONE NUMBER: (925) 941-3537 DATE: 3-17-04

APPROVAL ISSUED BY: [signature] RANK/TITLE: Fire Inspector

COMMENTS:

(A SIGNATURE ABOVE SIGNIFIES THAT THE LOCAL FIRE AUTHORITY WAS CONSULTED REGARDING ACCESS ROADS, GATES IN PERIMETER FENCES, LOCATION OF FIRE HYDRANTS, FIRE FLOW, FIRE DEPARTMENT CONNECTIONS, PORTABLE FIRE EXTINGUISHERS, AND FIRE PROTECTION DURING CONSTRUCTION. METHODS INDICATED ON PLANS AND IN SPECIFICATIONS ARE CONSIDERED ADEQUATE.)

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architect

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agency

SITE PREPARATION
LOS MEDANOS COLLEGE

Contra Costa Community College

owner

tBP project number : 20310.00	
file name: LCC-civil-Design.dwg	
drawn by: cag	checked by:
date: 15 October 2003	

Rev:	date:	description:
△1	3/16/04	REVISION

drawing title: LIBRARY & SCIENCE UTILITY PLAN

building no.:

drawing no.: C-1.23a

drawing of ?

Bulletin No.59

Date: 3/9/07

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

tBP Architecture Planning Interiors Management

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description: REFERENCE: Sheet L1.1.

1. Omit arbor footings, quantity of 12. Provide material and labor credit for arbor footing of detail 3/L1.1. Bench cap and reveal to remain. See sketch SKA-59.1. (Footings are to be provided per site improvement contract).

   See also attached sketch SKA-59.2 for revised wall layout for column base when constructed per site improvement detail.
2. Provide reinforcing at seat walls per attached detail SKA-59.3.

Issued By: Jim Weaver / tBP Architecture

Requested By: Architect

Reason: Omit arbor footing as to be constructed under site improvement contract. Provide reinforcing at seat walls.

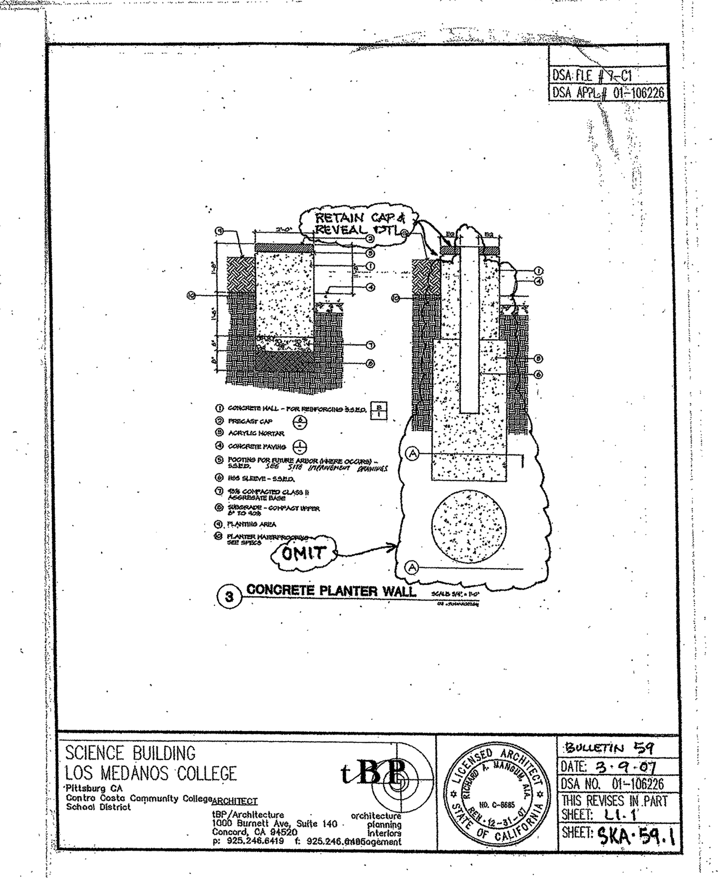
Enclosures: SKA-59.1, SKA-59.2, SKA-59.3

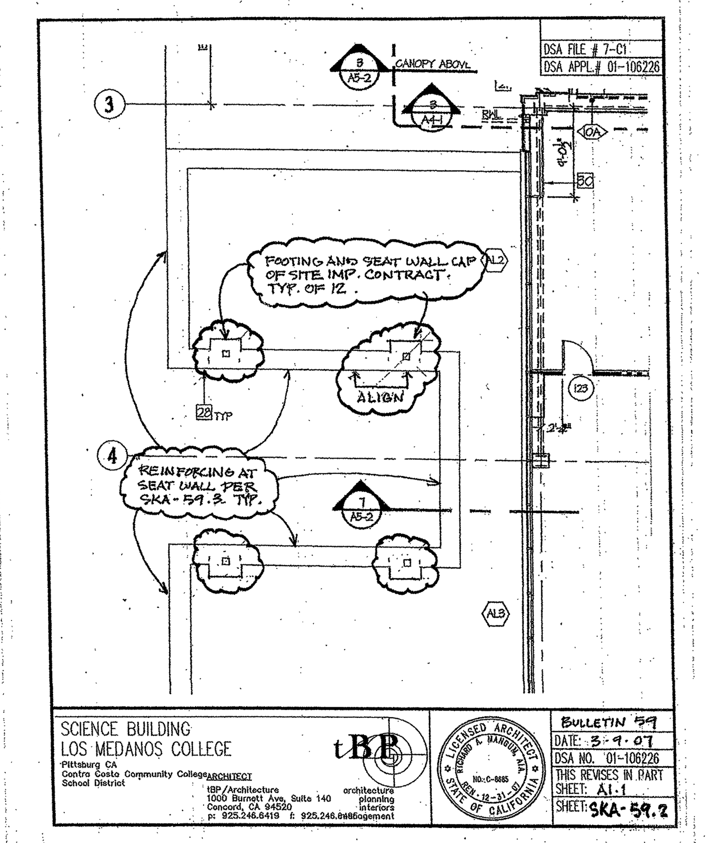
Distribution:

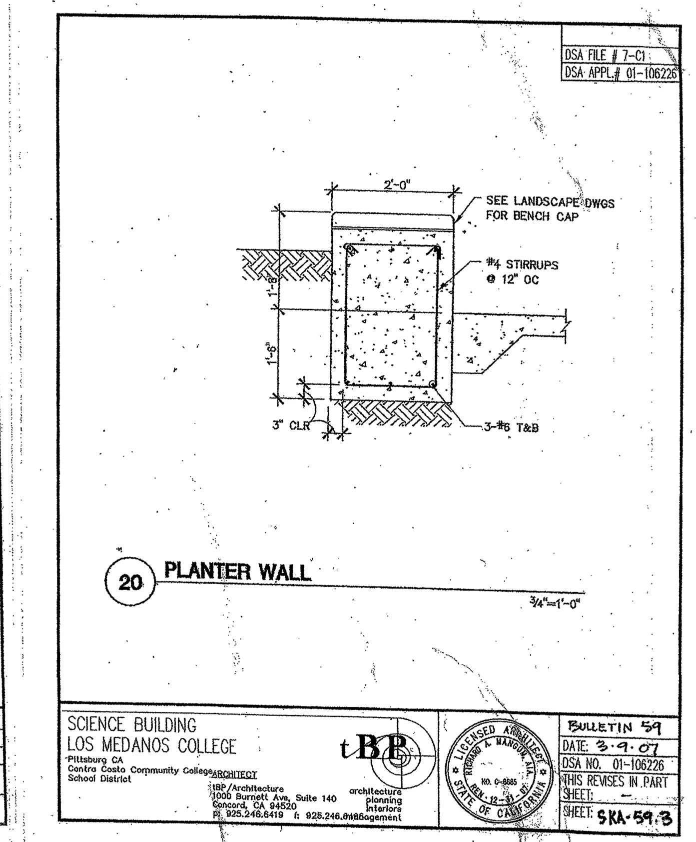
Copies:	Name:	Organization:
1 copy	Cam Perrotta	CCCC District
1 copy	Paul Lucido	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

Action:
- ☐ For Information/Clarification only
- ☒ Provide Cost/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☐ Requires DSA review and approval
- ☐ Proceed as authorized by District

tBP/Architecture. 1000 Burnett Ave. Suite 140. Concord, CA. 94520. ph: 925.246.6419. fax: 925.246.6495







S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Arbor Sleeve Size

RFI No: 499

Reference (dwg, spec.): L1.1 Detail 3

Subcontractor RFI:

Reply Requested By: 3/14/07

INFORMATION REQUESTED: **Date:** 3/7/07

On Sheet L1.1 Detail 3 the detail for a sleeve for a future arbor is shown. This detail has a note (#6) which refers to the Structural Drawings. There is no detail in the structural drawings for these arbors. Please provide the dimensions for the sleeves shown on detail 3 on page L1.1. Also how deep is the footing for these arbors? The Sleeve scales out to 5'-8" and the arbor footing scales to 4'-9" but neither is indicated on the drawings and SJA does not want to assume what the correct size is. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Justin Warren

RESPONSE: **DATE:**

Per note 5 of detail 3/L1.1 within the science building base bid document states "see site improvement drawings" in reference to footings for future arbor. 1

Contractor has informed that site improvement drawings were not referenced and footings were bid per 3/L1.1. The note on 3/L1.1 directing contractor to footing at site improvement drawings, is specific to the base bid work scope. Contractor was required to bid this work as a part of science building construction.

See bulletin 59 regarding arbor footings incorrectly included as a part of science building base bid work scope for direction to credit back the footings per 3/L1.1 and provide per the site improvement drawings.

Site improvement reference details at sheet S2.5 are 18/S5.2 and 15/S6.1.

Jim Weaver, Tom Beckett / tBP Architecture

3/15/07

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Bulletin 59 rebar clarification

RFI No: 501

Reference (dwg, spec.): SKA59.3

Subcontractor RFI:

Reply Requested By: 3/21/07

INFORMATION REQUESTED: **Date:** 3/14/07

Per Bulletin 59, we are to construct arbor footings per Site Improvement Contract. Based on previous conversations with the architect, I understand this to mean details 18/S5.2 and 16/S5.1 of the Site Improvement Drawings. These are to be combined with the rebar added to the seat wall per sketch SKA-59.3.

However, the rebar in the seat wall is 3" clear of the planter side of the seat wall (i.e. 21" from front face). The trellis column is centered 18" from the front face of the seat wall and is a HSS6x6, which would put one face of the column at 21". Normally, clearance is required between rebar and embedded steel members.

Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Justin Warren

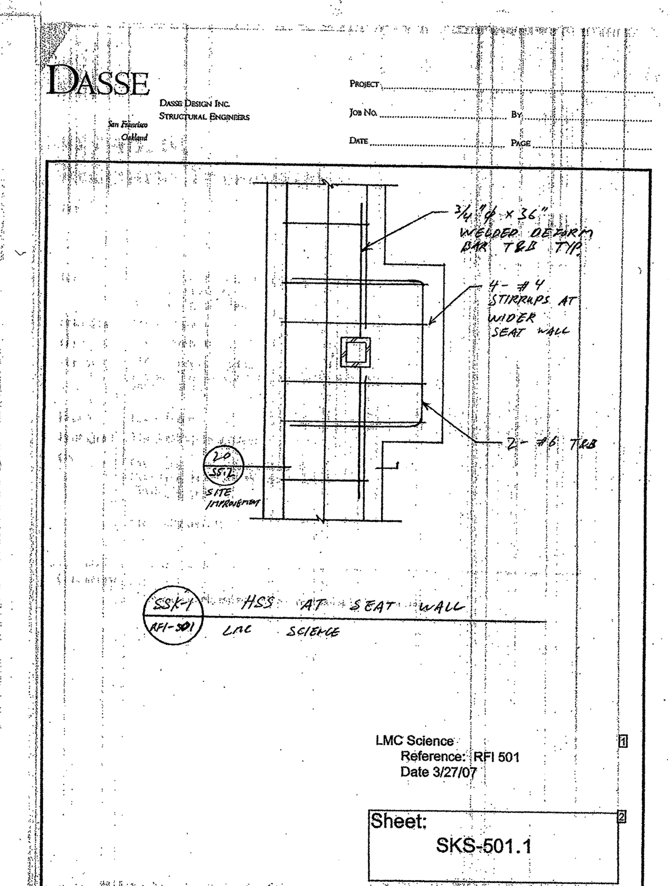
RESPONSE: **DATE:**

To provide continuity of the interrupted #6 bars, weld 3/4" dia X 36" deform bars to HSS column per detail SSK-1 on attached sheet SKS-501.1. 1

Jim Weaver / tBP Architecture
Chiang Ng / Dasse

3/27/07

RFI # 000
Page 1



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Bulletin 59 nelson clarification

RFI No: 502

Reference (dwg, spec.): Site Improvements 18/S5.2

Subcontractor RFI:

Reply Requested By: 3/21/07

INFORMATION REQUESTED: **Date:** 3/14/07

Per Bulletin 59, we are to construct arbor footings per Site Improvement Contract. Based on previous conversations with the architect, I understand this to mean details 18/S5.2 and 16/S5.1 of the Site Improvement Drawings. These are to be combined with the rebar added to the seat wall per sketch SKA-59.3.

Per detail 18/S5.2, the trellis column has no nelson studs within the region of the concrete footing (perhaps so that it could slide into the sleeve that was to be provided per the Science Building arbor footing). This same detail does show nelson studs above the level of the seat wall which a set of parallel lines that may be some sort of cover over the nelson studs, although it is not identified. Please provide information on size and spacing of nelson studs, information on the unidentified lines parallel to the trellis column and details for how these parallel lines are installed, attached, and terminated. Note that none of this is shown on detail 18/S6.1

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Justin Warren

RESPONSE: **DATE:**

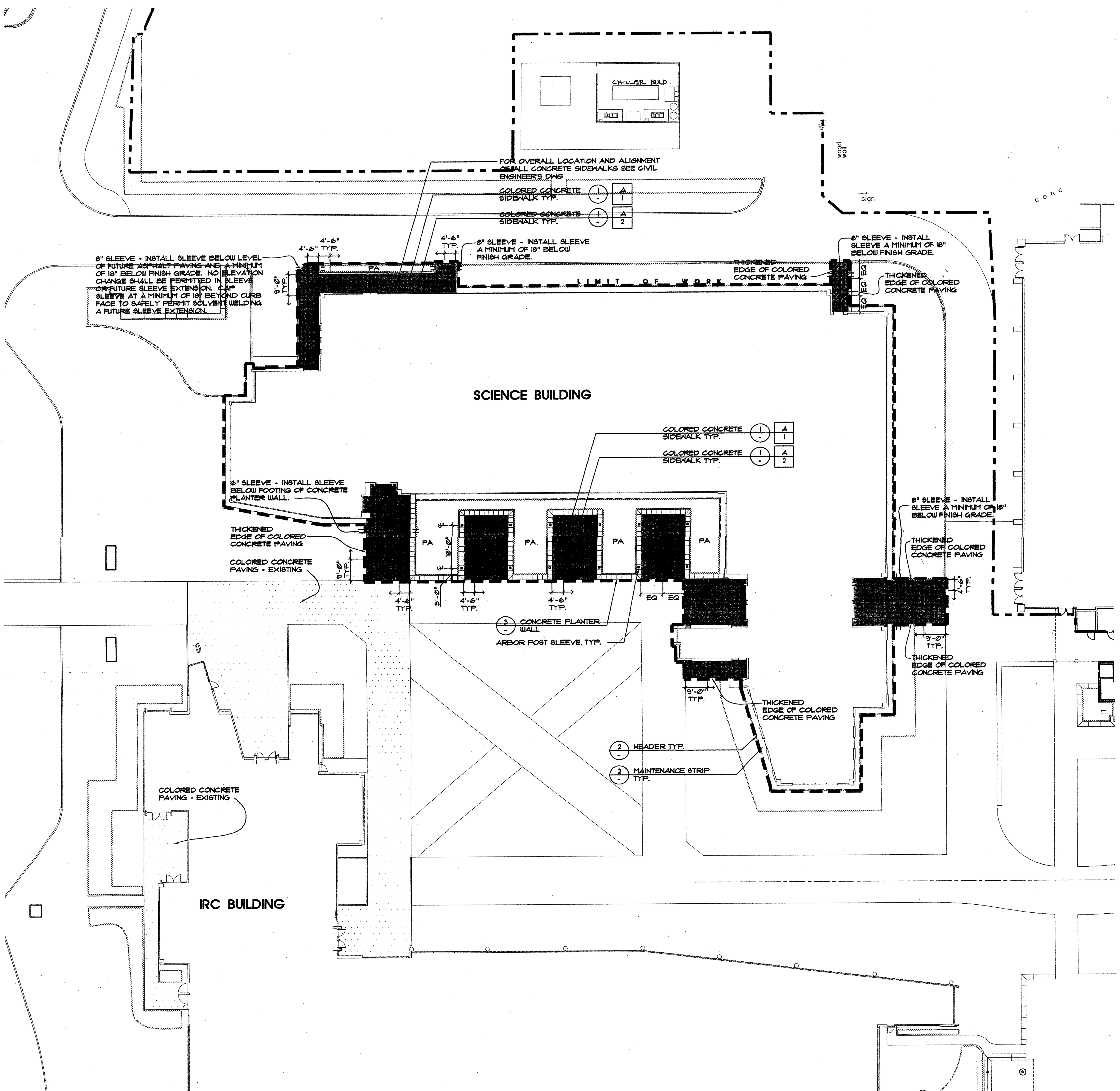
Paragraph 1 above: 1
Detail references are to be 18/S5.2 and 15/S6.1 as shown sheet S2.5 of site improvement dwgs. (Not 16/S5.1 as stated above)

Paragraph 2 above:
The nelson studs and parallel line indications above the seat wall level at detail 18/S5.2 are not required at science building arbor columns.

Jim Weaver / tBP Architecture

3/15/07

RFI # 000
Page 1



LAYOUT LEGEND:

- EXPANSION JOINT
- SCORE LINE
- CONCRETE PAVING
- IRRIGATION SLEEVING: 1120-CL 200 PVC PLASTIC PIPE.
- PA — PLANTING AREA
- DETAIL NUMBER / SHEET NUMBER
- CONCRETE COLOR / CONCRETE FINISH

CAMPUS NORTH / TRUE NORTH / DESIGN NORTH

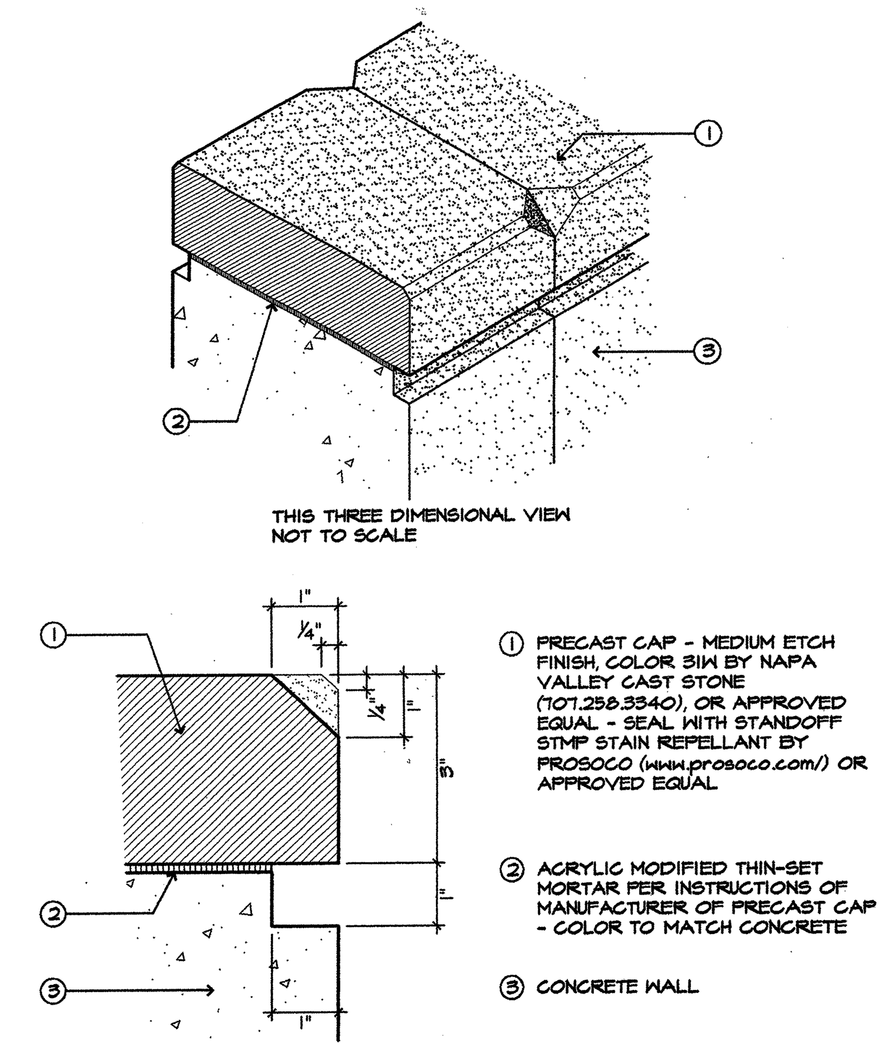
SCALE: 1"=20'-0"

LAYOUT NOTES:

THIS DRAWING INCLUDES LOCATIONS OF IRRIGATION SLEEVING AND OF CONCRETE SIDEWALK SCORE JOINTS AND EXPANSION JOINTS AND CONCRETE COLOR AND FINISHES. FOR OVERALL LOCATION AND ALIGNMENT OF ALL CONCRETE SIDEWALKS SEE CIVIL ENGINEER'S DRAWING.

CONCRETE PAVING

A	CONCRETE COLOR "A"
B	CONCRETE COLOR "B"
1	CONCRETE FINISH 1
2	CONCRETE FINISH 2



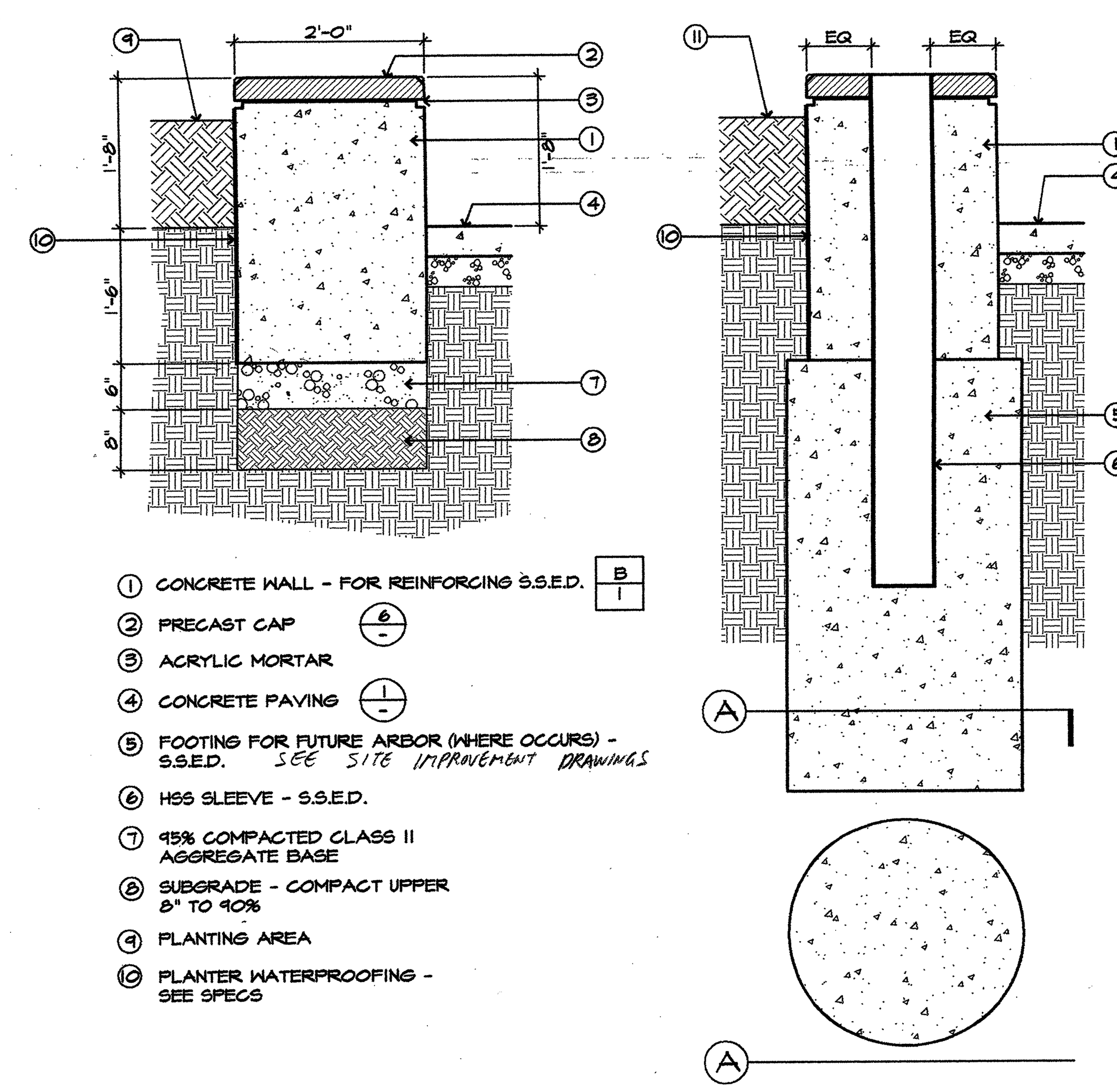
1. PRECAST CAP - MEDIUM ETCH FINISH, COLOR 314 BY NAPA VALLEY CAST STONE (707.258.3340), OR APPROVED EQUAL - SEAL WITH STANDOFF STMP STAIN REPELLANT BY PROSOCO (www.prosoco.com/) OR APPROVED EQUAL
2. ACRYLIC MODIFIED THIN-SET MORTAR PER INSTRUCTIONS OF MANUFACTURER OF PRECAST CAP - COLOR TO MATCH CONCRETE
3. CONCRETE WALL

6 PRECAST CAP

SCALE: 6" = 1'-0"

5 NOT USED

4 NOT USED

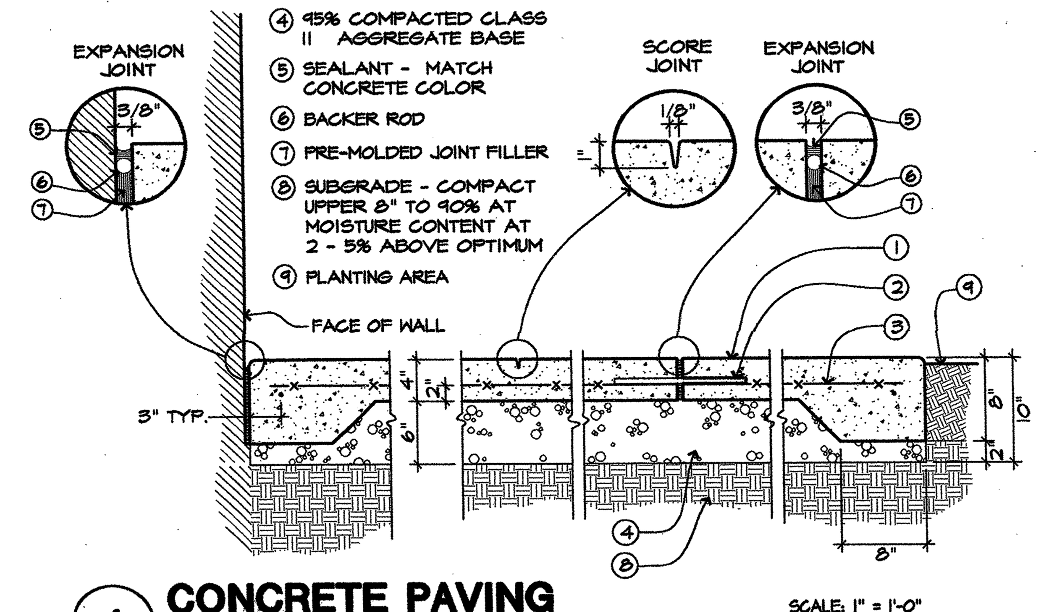


1. CONCRETE WALL - FOR REINFORCING S.S.E.D.
2. PRECAST CAP
3. ACRYLIC MORTAR
4. CONCRETE PAVING
5. FOOTING FOR FUTURE ARBOR (WHERE OCCURS) - S.S.E.D. SEE SITE IMPROVEMENT DRAWINGS
6. HSS SLEEVE - S.S.E.D.
7. 95% COMPACTED CLASS II AGGREGATE BASE
8. SUBGRADE - COMPACT UPPER 8" TO 90%
9. PLANTING AREA
10. PLANTER WATERPROOFING - SEE SPECS

3 CONCRETE PLANTER WALL

SCALE: 3/4" = 1'-0"

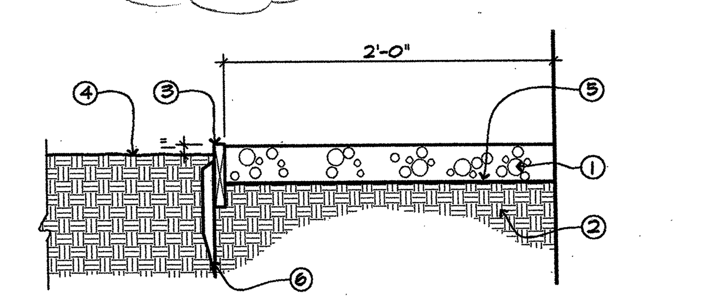
SEE BULLETIN 59 / ALSO RFI 499 / ALSO RFI 501



1. CONCRETE PAVING
2. #4 REBAR, 1'-6" LONG AT 2'-0" O.C., WRAP ONE END WITH FELT
3. 6"x6", 10x10 WWM
4. 95% COMPACTED CLASS II AGGREGATE BASE
5. SEALANT - MATCH CONCRETE COLOR
6. BACKER ROD
7. PRE-MOLDED JOINT FILLER
8. SUBGRADE - COMPACT UPPER 8" TO 90% AT MOISTURE CONTENT AT 2 - 3% ABOVE OPTIMUM
9. PLANTING AREA

1 CONCRETE PAVING

SCALE: 1" = 1'-0"



1. GRAVEL #2 GREY WASH RIVER ROCK 2-3"
2. SUBGRADE - COMPACT UPPER 8" TO 90%
3. 1X6 WOOD POLYMER HEADER BY TREX COMPANY, INC. (800.289.8739 www.trex.com) OR APPROVED EQUAL - INSTALL PER MFG SPECIFICATIONS
4. ADJACENT PLANTING OR PAVING, SEE PLAN (NOTE: HEADER IS NOT REQUIRED AT PAVING EDGE)
5. INSTALL BIOBARRIER II WEED CONTROL FABRIC BY REEMAY PER MANUFACTURER'S SPECIFICATIONS, 800-284-2780 www.biobarrier.com OR APPROVED EQUAL
6. STAKE - IF REQUIRED

2 MAINTENANCE STRIP

SCALE: N.T.S.

tBP architecture planning interiors management

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SCIENCE BUILDING
LOS MEDANOS COLLEGE

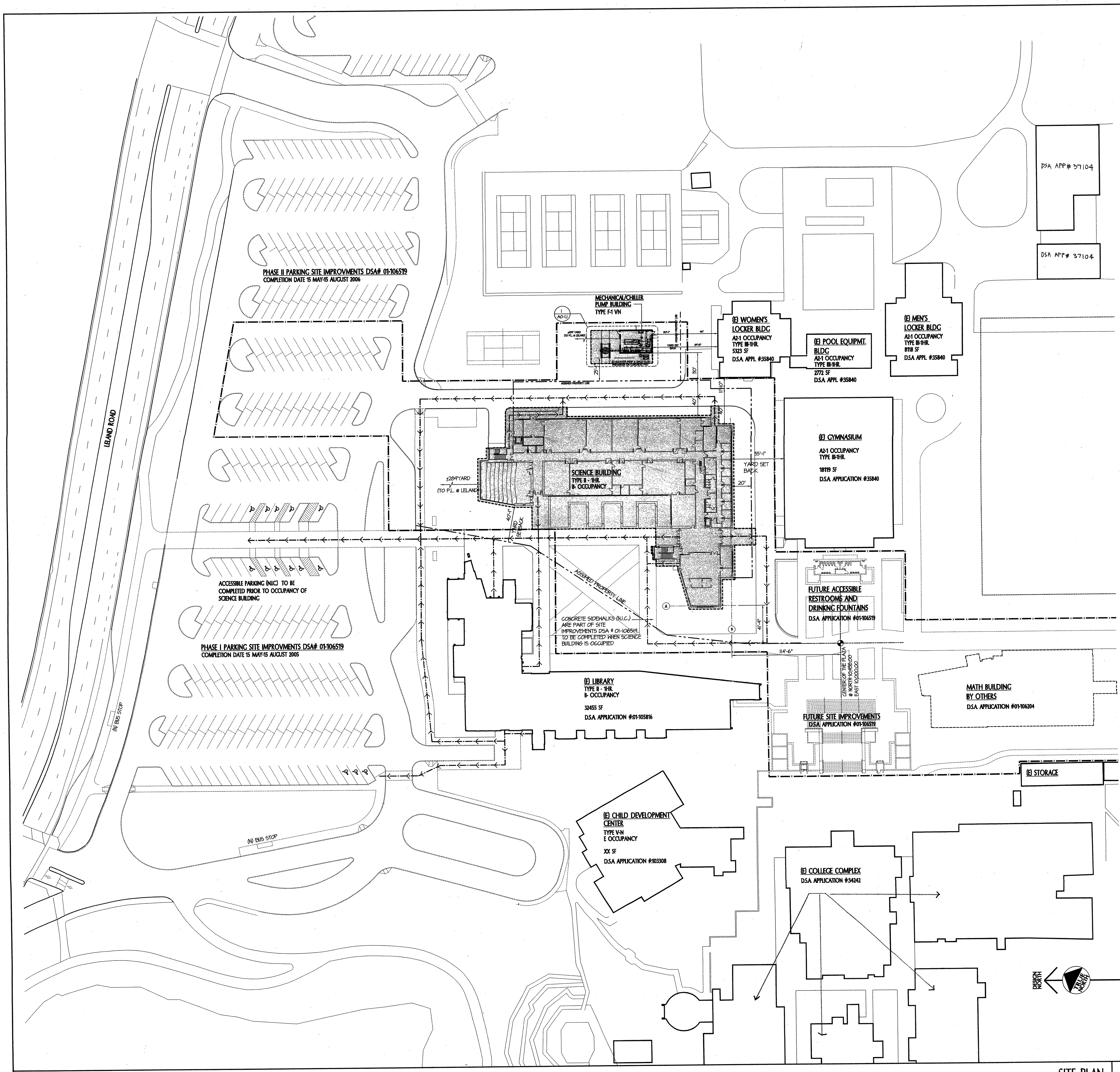
Contra Costa Community College District

tBP project number: 20241.00
file name:
drawn by: checked by:
date: NOVEMBER 15, 2004

drawing title:
LANDSCAPE PLAN, NOTES, AND DETAILS

LMC SCIENCE 313-023-112.01-0-00.00

drawing no.: L1.1



SITE PLAN 1
SCALE: 1"=40'

GENERAL NOTES

1. THIS DRAWING ILLUSTRATES THE APPROXIMATE "SCOPE OF WORK" OF THIS PROJECT.
2. THIS DRAWING ALSO ILLUSTRATES AREAS ADJACENT TO THIS PROJECT FOR SITE PREPARATION (DSA # 01-105751) AND FOR " FUTURE " CONSTRUCTION.

   SITE SURVEY INFORMATION FOR THIS PROJECT IS BASED UPON THE MAP PREPARED USING COMPUTER ASSISTED, PHOTOGRAMMETRIC METHODS BY HIW GEOSPATIAL, INC., IN OAKLAND CALIFORNIA. THE DATE OF PHOTOGRAPHY WAS 1/15/03.
   IN AREAS OF DENSE VEGETATION, ACCURACY OF CONTOURS MAY DEVIATE FROM ACCEPTED ACCURACY STANDARDS.
   THE GRID IS BASED ON A LOCAL, CAMPUS COORDINATE SYSTEM ESTABLISHED ON 1972. CONTROL SURVEY AND ADDITIONAL TOPOGRAPHIC INFORMATION WAS PERFORMED BY LCC, INC., IN MARTINEZ, CA.
   IN AREAS DISRUPTED BY THE OPERATIONS OF THE SITE PREPARATION CONTRACTOR, NO REVISED SURVEY HAS BEEN PERFORMED. VERIFICATION OF CONDITIONS EXISTING WITH THE LIBRARY AND SITE PREPARATION PROJECTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. REFER TO CIVIL PLANS FOR INFORMATION.

4. "CONSTRUCTION FENCING" SHALL BE LOCATED AS INDICATED. ADJUST CONSTRUCTION FENCING AS REQUIRED TO MAINTAIN "MEANS OF EGRESS".
5. CONTRACTOR SHALL USE THE AREA WITHIN THE CONSTRUCTION FENCING FOR ALL STAGING AND PARKING OPERATIONS.
6. CONTRACTOR SHALL MAINTAIN FIRE VEHICLE ACCESS TO THE PROJECT SITE AND TO THE EXISTING FIRE HYDRANTS WITHIN THE PROJECT SITE.
7. CONTRACTOR SHALL MAINTAIN 10'-0" CLEARANCE BETWEEN CONSTRUCTION FENCING AND EXISTING ADJACENT BUILDINGS. CONSTRUCTION FENCING SHALL NOT OBSTRUCT THE "EXIT DISCHARGE" OR "PUBLIC WAY" FROM EXISTING ADJACENT BUILDINGS.
8. THE FOLLOWING INFORMATION IS CONTAINED IN DSA APPLICATION # 01-105751
   - LOCATION OF ALL NEW AND EXISTING FIRE HYDRANTS, FDC, AND PIV'S.
   - FLOW DATA.
9. VERIFY ALL EXISTING & FINISH GRADES, DIMENSIONS & SITE CONDITIONS BEFORE COMMENCING WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT.
10. ALL GRADING WORK SHALL CONFORM TO APPLICABLE PROVISIONS OF THE UNIFORM BUILDING CODE, TITLE 24, AND LOCAL CODES OR ORDINANCES. IN THE EVENT OF CONFLICTING PROVISIONS, ALWAYS CONFORM TO THE STRICTER REQUIREMENTS.

    DETERMINE NECESSARY SUB GRADE ELEVATIONS AND CONSTRUCT SMOOTH TRANSITIONS BETWEEN FINISHED GRADES. FINISHED GRADE ELEVATIONS ADJACENT TO BUILDING PERIMETERS TO BE 6" BELOW FINISHED FLOOR ELEVATIONS, U.N.O.

12. ALL CONDENSATE, ROOF, PLANTER, AND AREA DRAINS TO CONNECT TO UNDERGROUND STORM DRAIN SYSTEM, U.N.O.
13. ACCESS PER SITE PREPARATION DSA APP. # 01-105751 SHALL BE MAINTAINED BY THE CONTRACTOR
14. CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT, AND PATH OF TRAVEL COMPLIES WITH CBC 1133B.
15. ALL EXTERIOR ACCESSIBLE ENTRANCES AND EXITS ON THIS PLAN COMPLY WITH CBC 1133B.1.1, INCLUDING:
    - 32" CLEAR OPENING.
    - REQUIRED STRIKE EDGE CLEARANCE AT PULL SIDE OF DOOR (24" FOR FRONT AND LATCH, 36" FOR HINGE APPROACH)
    - LEVEL LANDINGS (2% SLOPE MAX ON EXTERIOR SIDE, 0.0% ON INTERIOR SIDE)
    - ACCESSIBLE THRESHOLD, HARDWARE, CLOSER, KICK-PLATE
    - ISA SIGN ON EXTERIOR SIDE OF ENTRANCE
16. ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAX. SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX. AND AT LEAST 48" WIDE. SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5%, UNLESS OTHERWISE NOTED.
17. REFERENCE CIVIL DRAWINGS FOR SLOPES, PAVING, AND MATERIALS.

SITE APPROVAL IS UNDER APP # 01-105751 FROM LOCAL FIRE AUTORITY

SPECIAL NOTE

LOCATIONS OF ALL UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN EXCAVATING AND TRENCHING TO AVOID INTERCEPTING EXISTING PIPING OR CONDUITS. THE ARCHITECT IS NOT RESPONSIBLE FOR THE LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES WHETHER OR NOT SHOWN OR DETAILED AND INSTALLED BY OTHER CONTRACTS. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER SHOULD SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THESE DRAWINGS AND SPECIFICATIONS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.

LEGEND

- SCOPE OF WORK UNDER THIS PROJECT
- ASSUMED PROPERTY LINE FOR EXTERIOR WALL PROTECTION
- NEW ACCESSIBLE PATH OF TRAVEL
- (E) CONSTRUCTION FENCING (UNDER SEPARATE CONTRACT BY DISTRICT)

tBP
architecture
planning
interiors
management

LICENSED ARCHITECT
RICHARD A. MANGUM, AIA
NO. C-8685
REN. 12-31-05
STATE OF CALIFORNIA

tBP/Architecture
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Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
AC FLS SS
DATE 1-12-05
FILE No. 7-C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

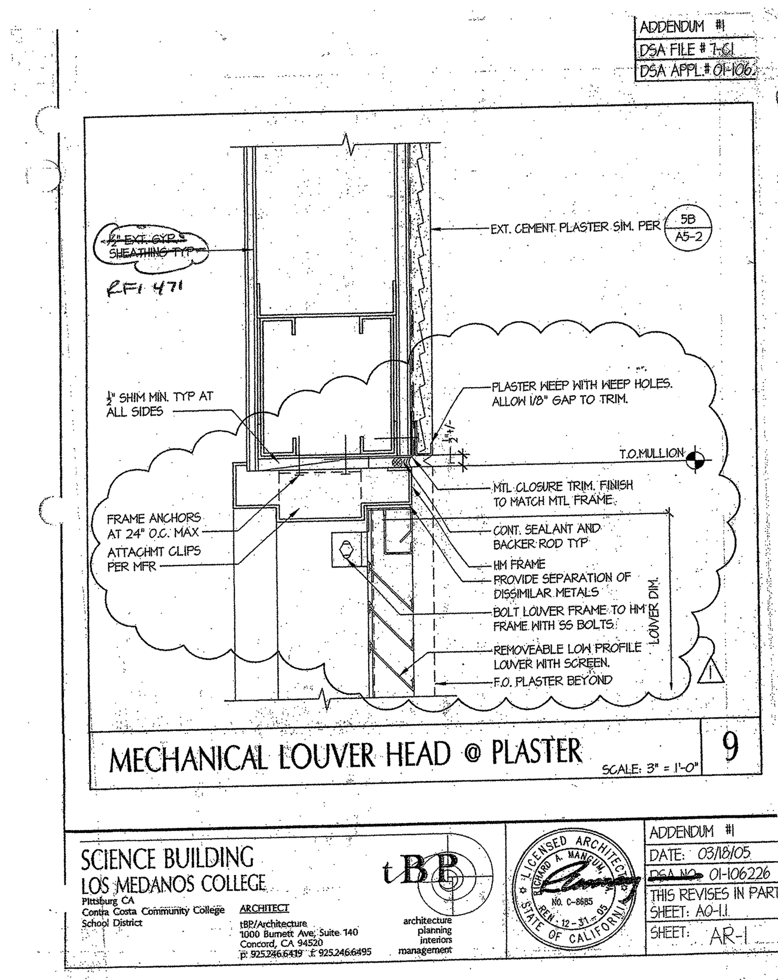
SCIENCE BUILDING
LOS MEDANOS COLLEGE

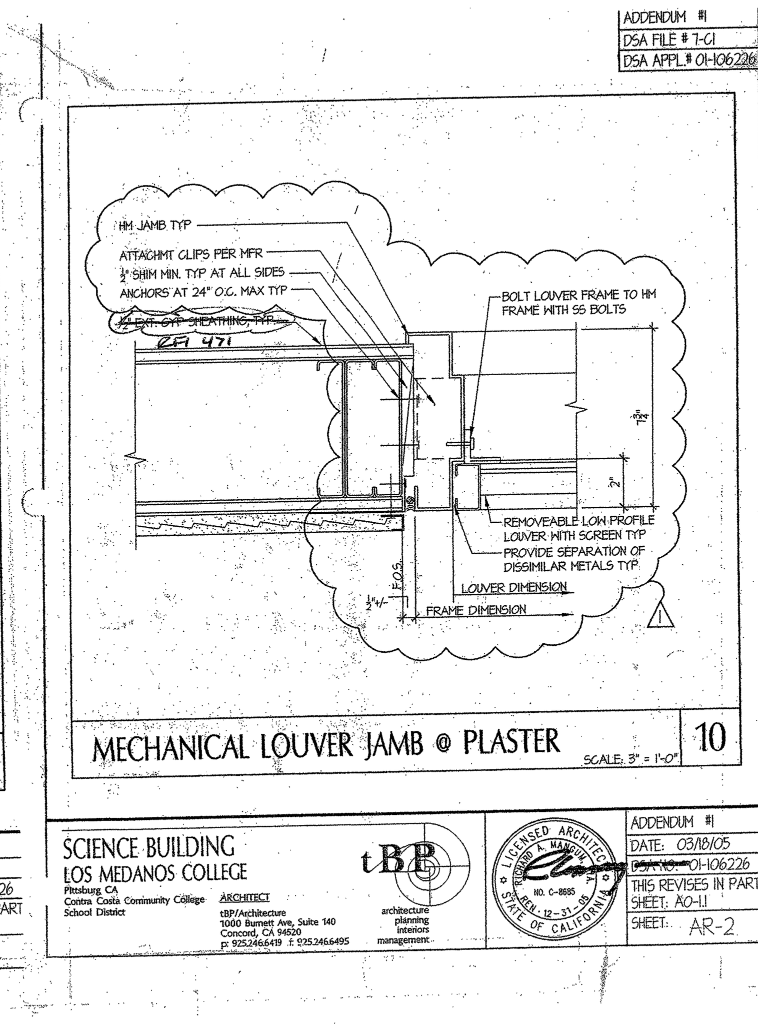
Contra Costa Community College District

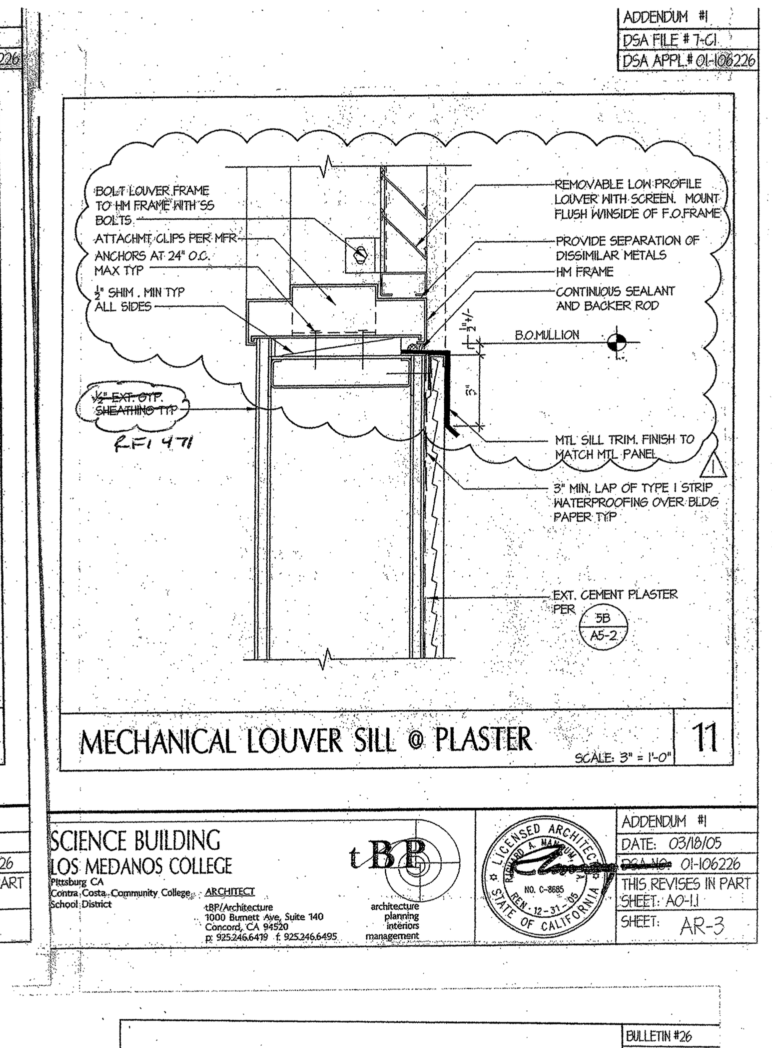
tBP project number: 20247.00
file name: AS.DWG
drawn by: VL checked by:
date: NOVEMBER 15, 2004

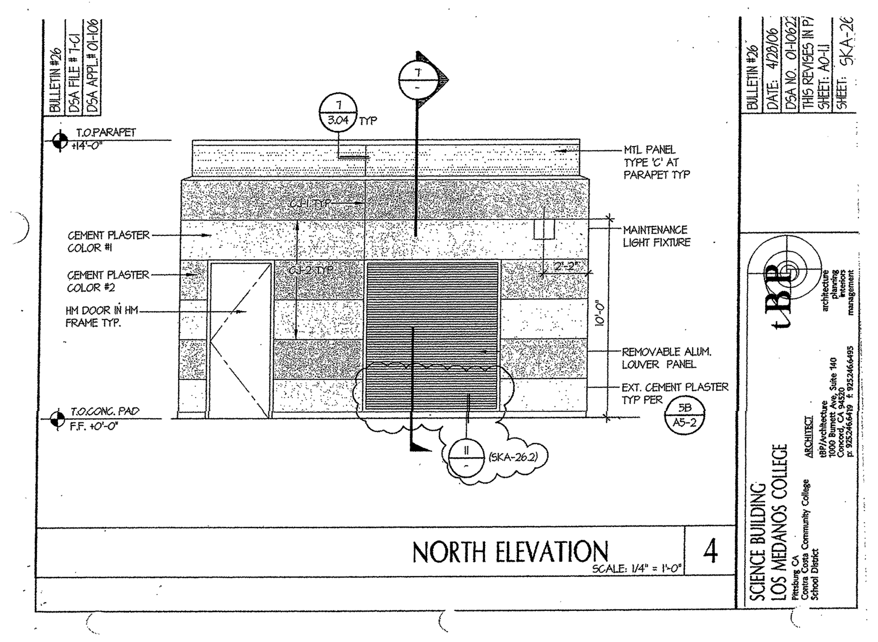
Rev.	date:	description:

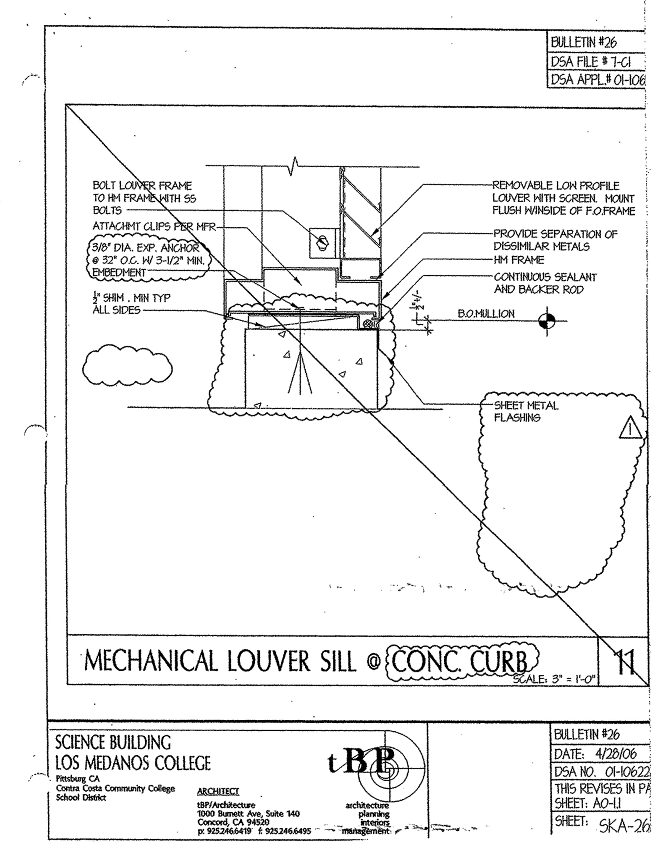
drawing title:
ARCHITECTURAL SITE PLAN
LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:
AS-1











S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Chiller Building Gyp Board

RFI No: **471**

Reference (dwg, spec.): A0-1.2

Subcontractor RFI: Concord

Reply Requested By: 1/31/07

INFORMATION REQUESTED: Date: 1/24/07

Please note the attached Concord Drywall RFI regarding interior of the Chiller Building being exterior Gyp. sheathing. It is not recommended to paint or finish the exterior gyp sheathing. If the interior of the chiller building is to be painted Concord suggests a different product such as Aqua Tough. Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE: 1-30-07

THE INTERIOR OF CHILLER BUILDING IS TO BE PAINTED PER ATTACHED SPECIFICATION SECTION 09900 ATTACHED. PLEASE ADVISE IF AQUA TOUGH IS PAINTABLE SURFACE AS WELL AS COST DIFFERENTIAL TO CHANGE EXTERIOR GYPSUM WB TO AQUA TOUGH.

JBeckett

RFI # 000
Page 1

Concord Drywall, Inc.
1717 Solano Way, #28
Concord, Ca. 94520
Office 925-676-9255 fax 925-825-9583

RFI

1/23/2007

Job; Los Medanos College Science Building

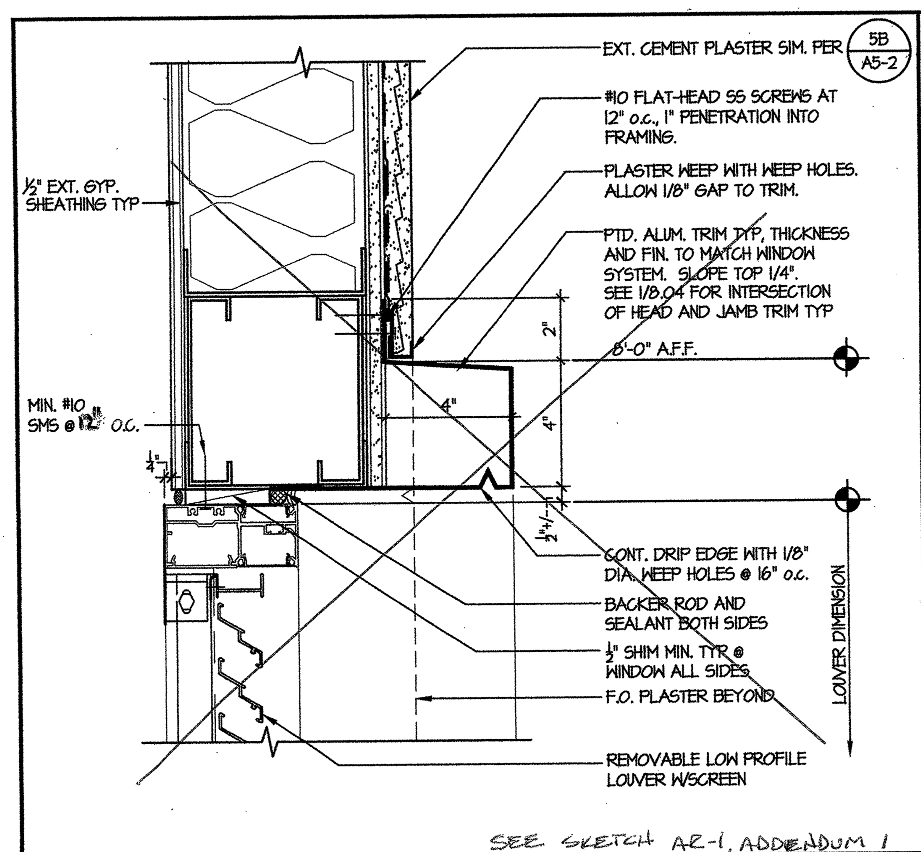
Contractor; S.J. Amoroso
Attention; Mark Delgado
Fax# 427-7570

Subject; Chiller Building

The plans are indicating the interior of the Chiller Building is to be exterior gyp sheathing. It is not recommended to paint or finish exterior gyp sheathing.
If it is the intention to paint the interior of the chiller room, I would recommend another product such as Aqua Tough.
Please advise.

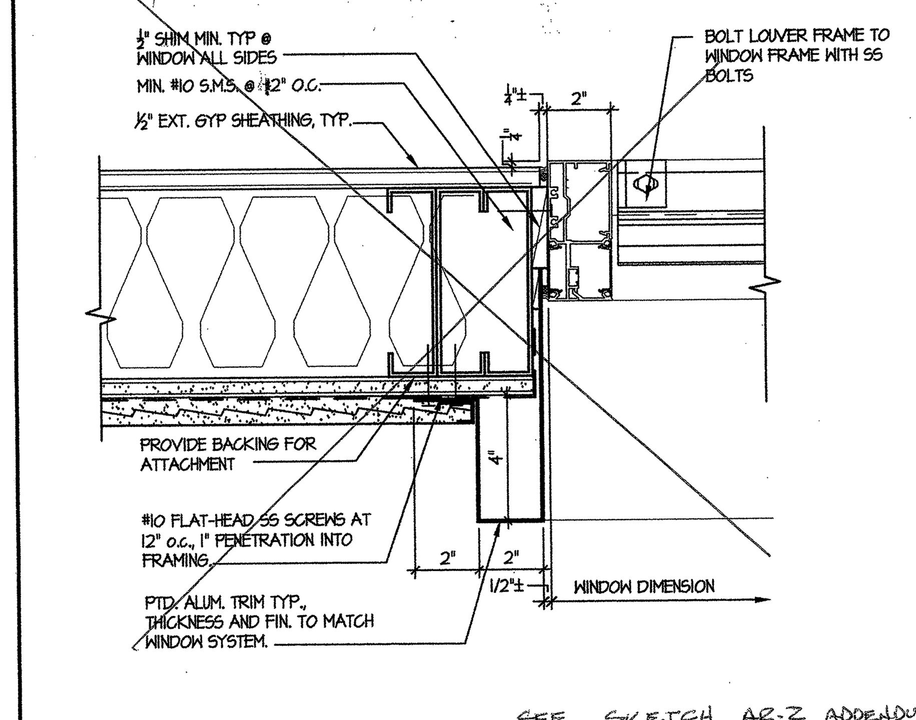
Thank You
Tim Titsworth
CEO

Refer to Drawings A0-1.1, AR-1, AR-2, AR-3, Mechanical/Chiller/Pump Building:
a. AL13 is changed to HM19.
b. Details 9, 10 and 11 are changed from aluminum frame to hollow metal and aluminum trim is deleted as per AR-1, AR-2 and AR-3.
ADDENDUM No. 1



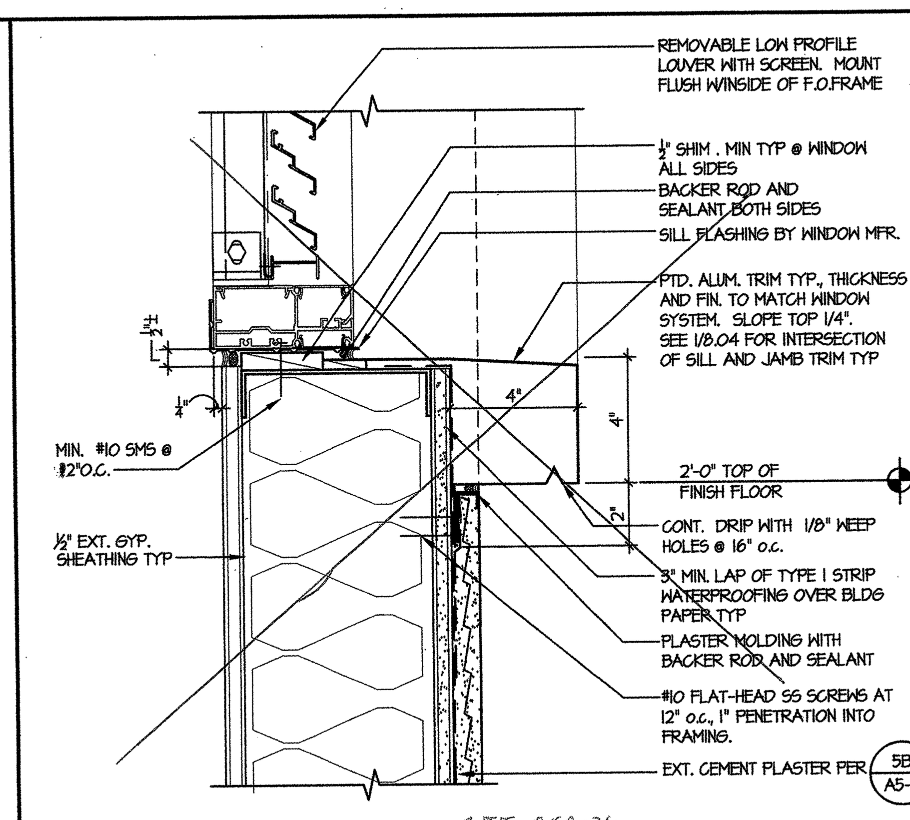
SEE SKETCH AR-1, ADDENDUM 1

MECHANICAL LOUVER HEAD @ PLASTER 9
SCALE: 3" = 1'-0"



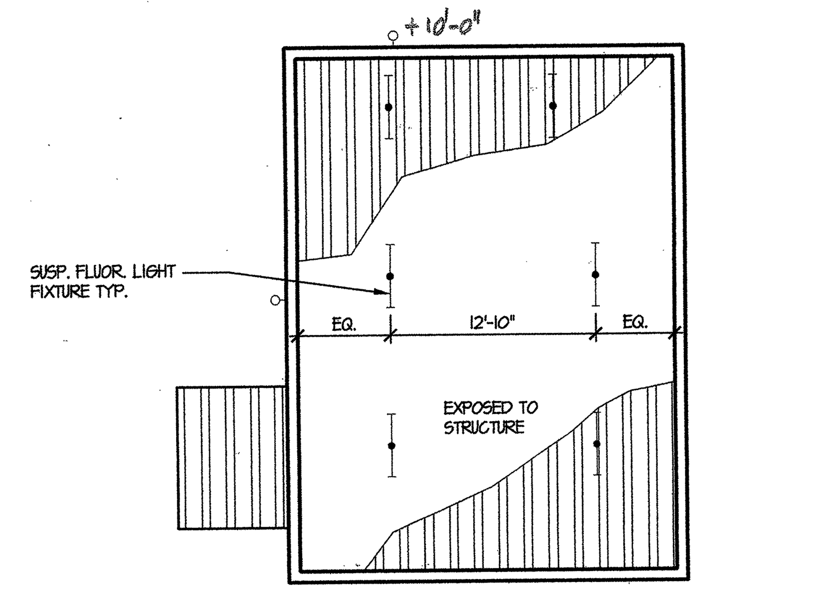
SEE SKETCH AR-2, ADDENDUM 1

MECHANICAL LOUVER JAMB @ PLASTER 10
SCALE: 3" = 1'-0"

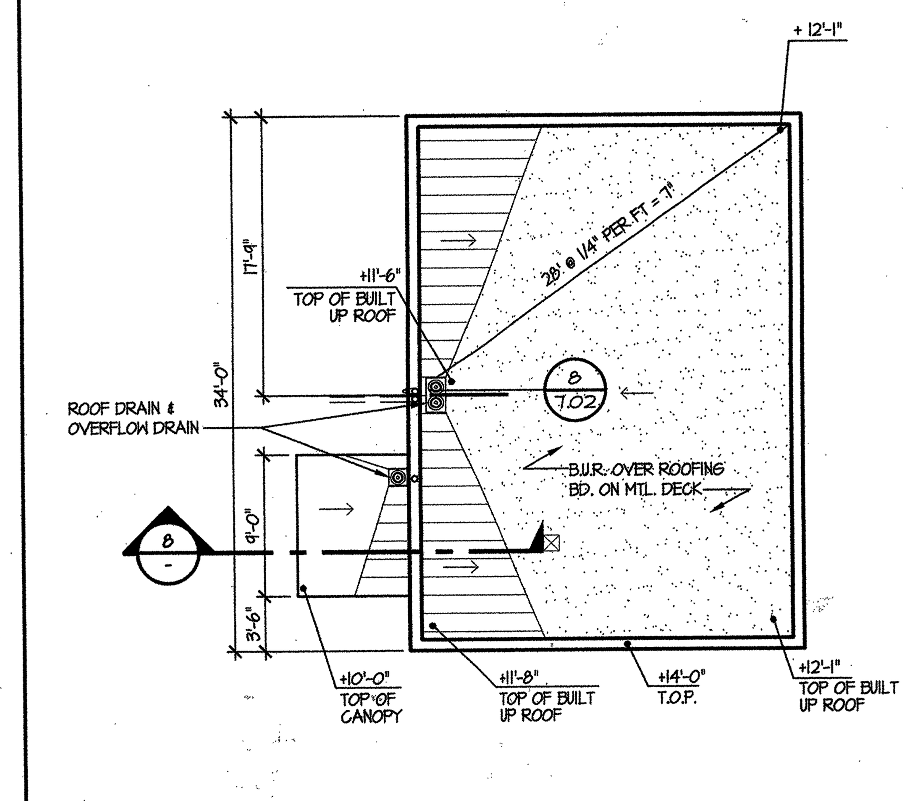


SEE SKA-26
SEE SKETCH AR-3, ADDENDUM 1

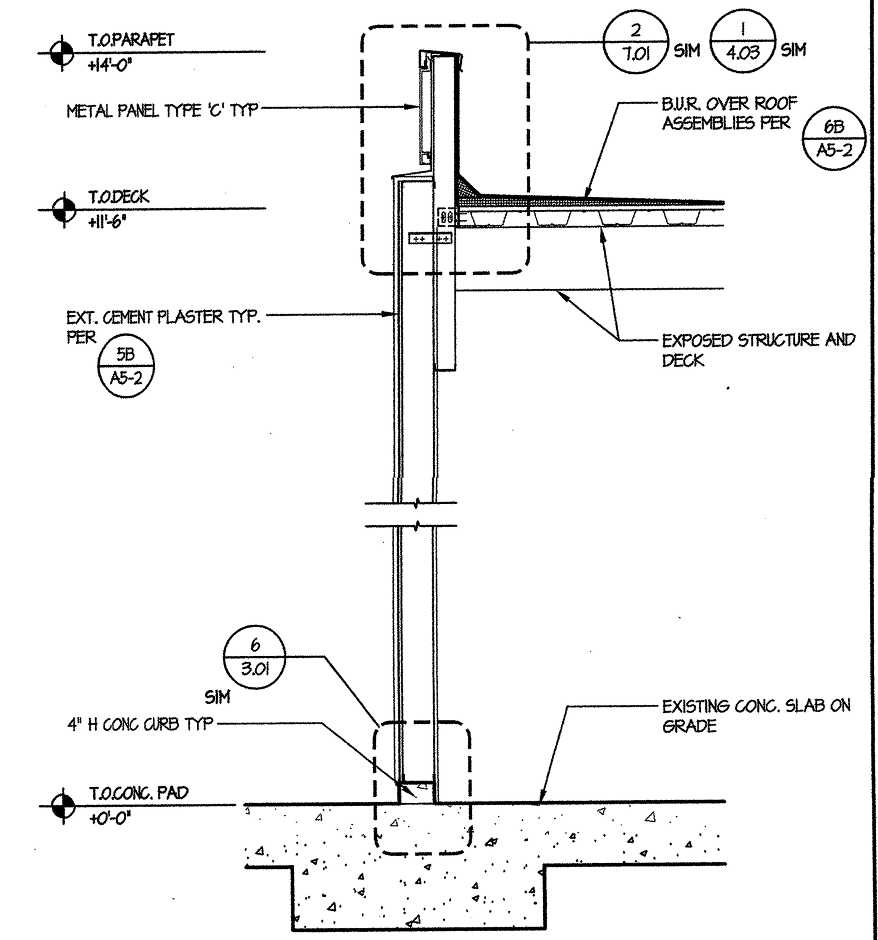
MECHANICAL LOUVER SILL @ PLASTER 11
SCALE: 3" = 1'-0"



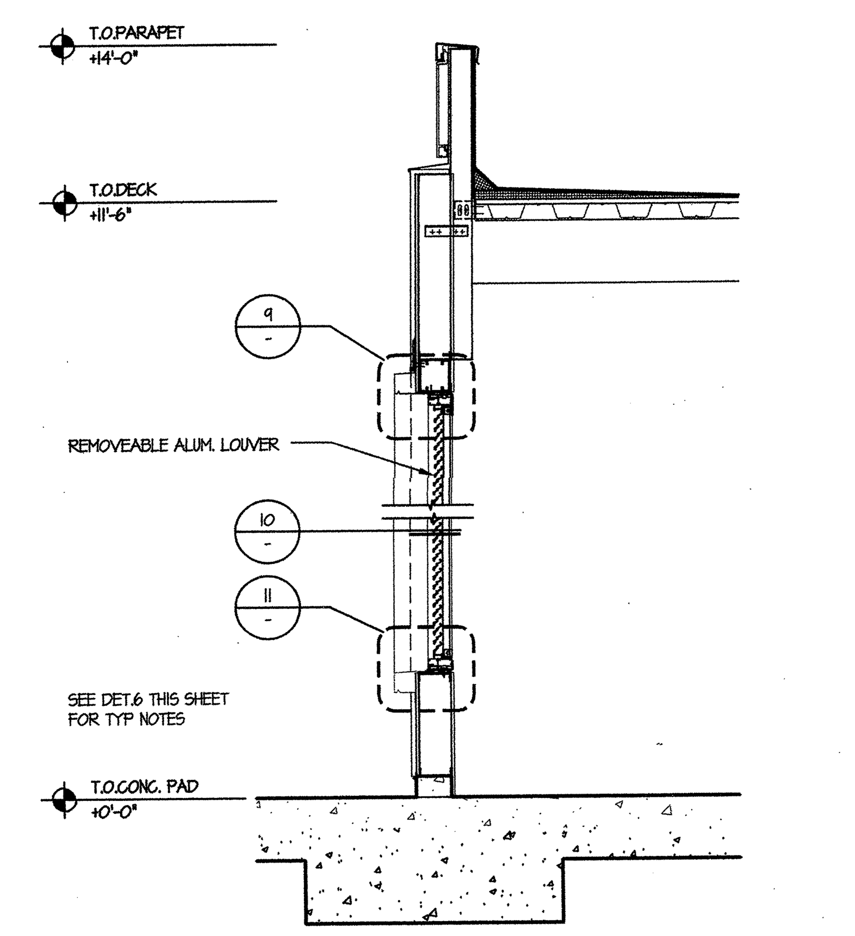
REFLECTED CEILING PLAN 12
SCALE: 1/8" = 1'-0"



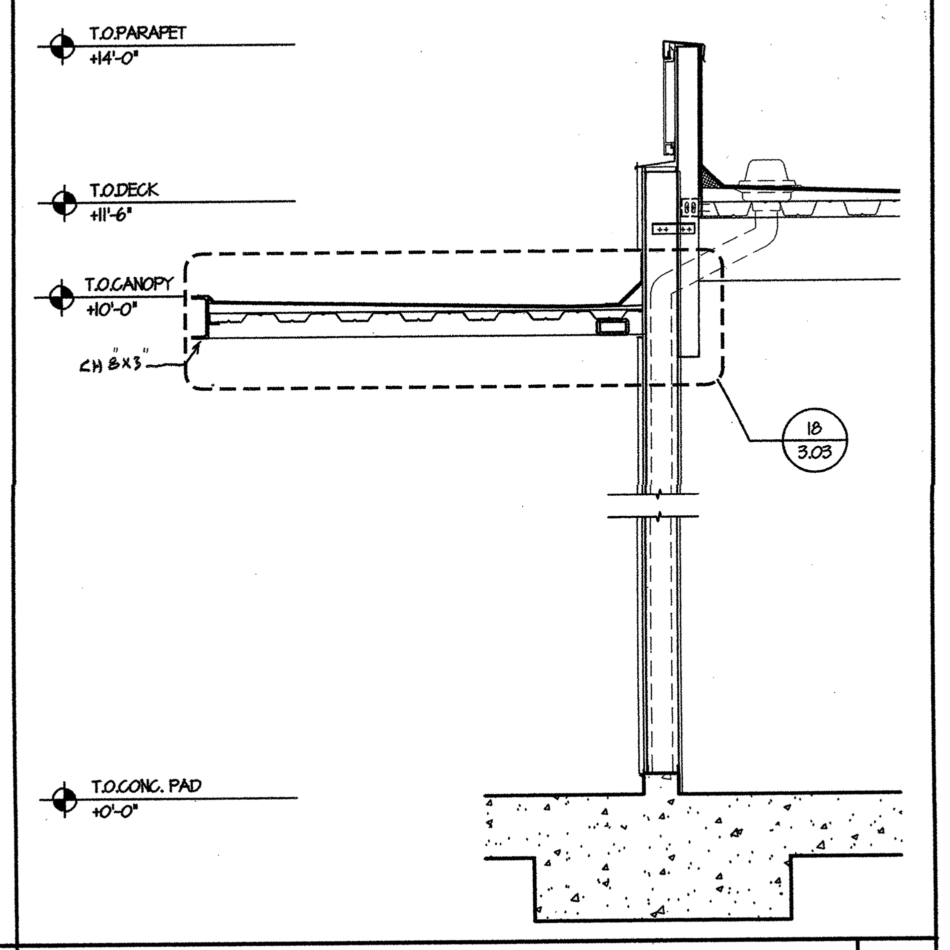
ROOF PLAN 13
SCALE: 1/8" = 1'-0"



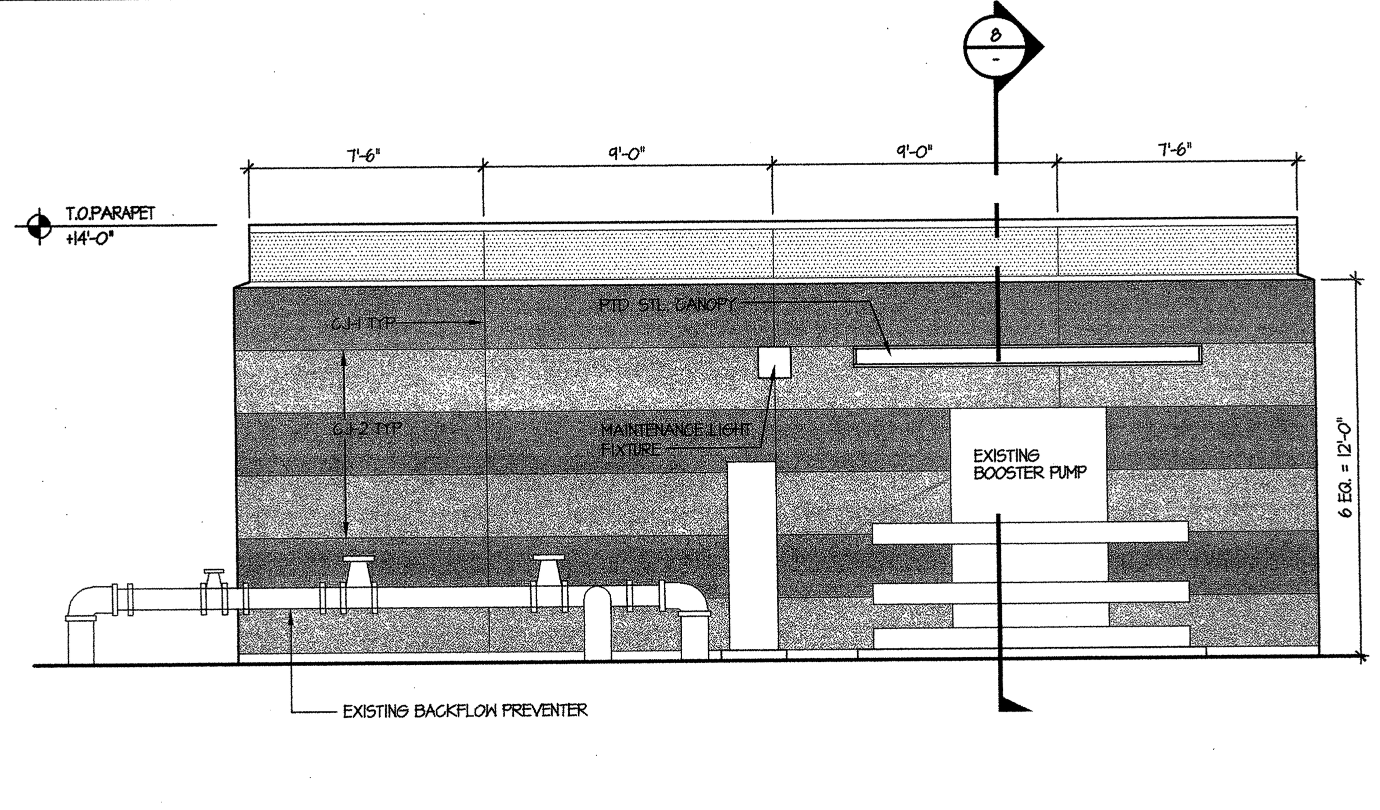
TYP. WALL SECTION 6
SCALE: 1/2" = 1'-0"



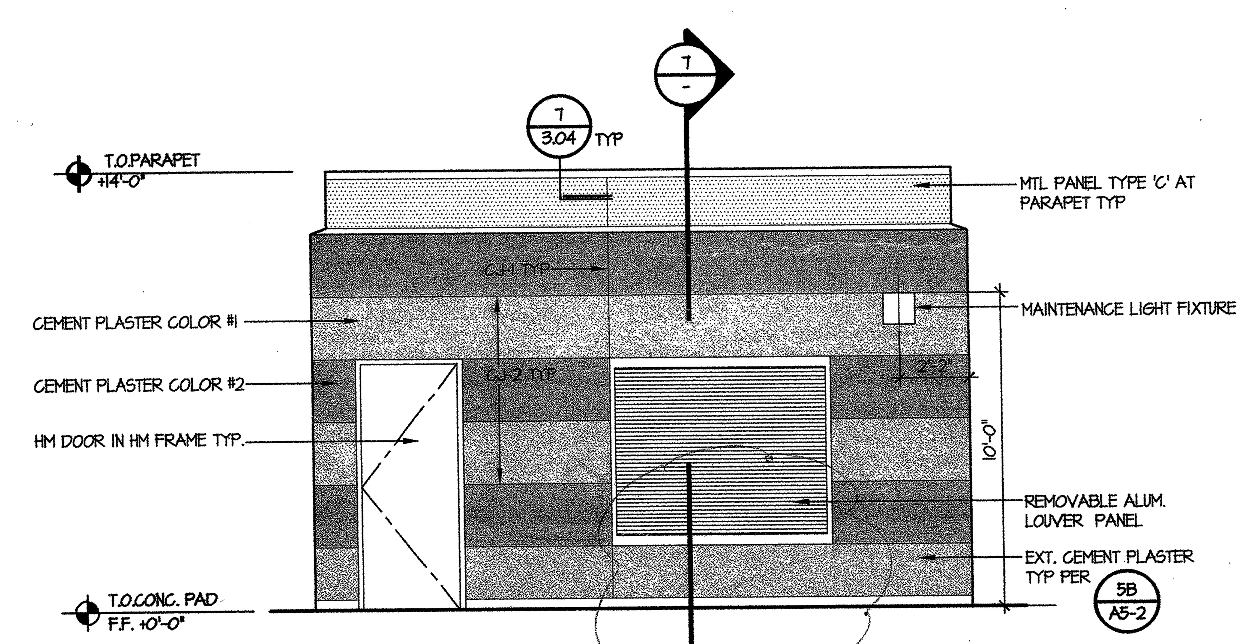
WALL SECTION AT LOUVER 7
SCALE: 1/2" = 1'-0"



WALL SECTION AT CANOPY 8
SCALE: 1/2" = 1'-0"

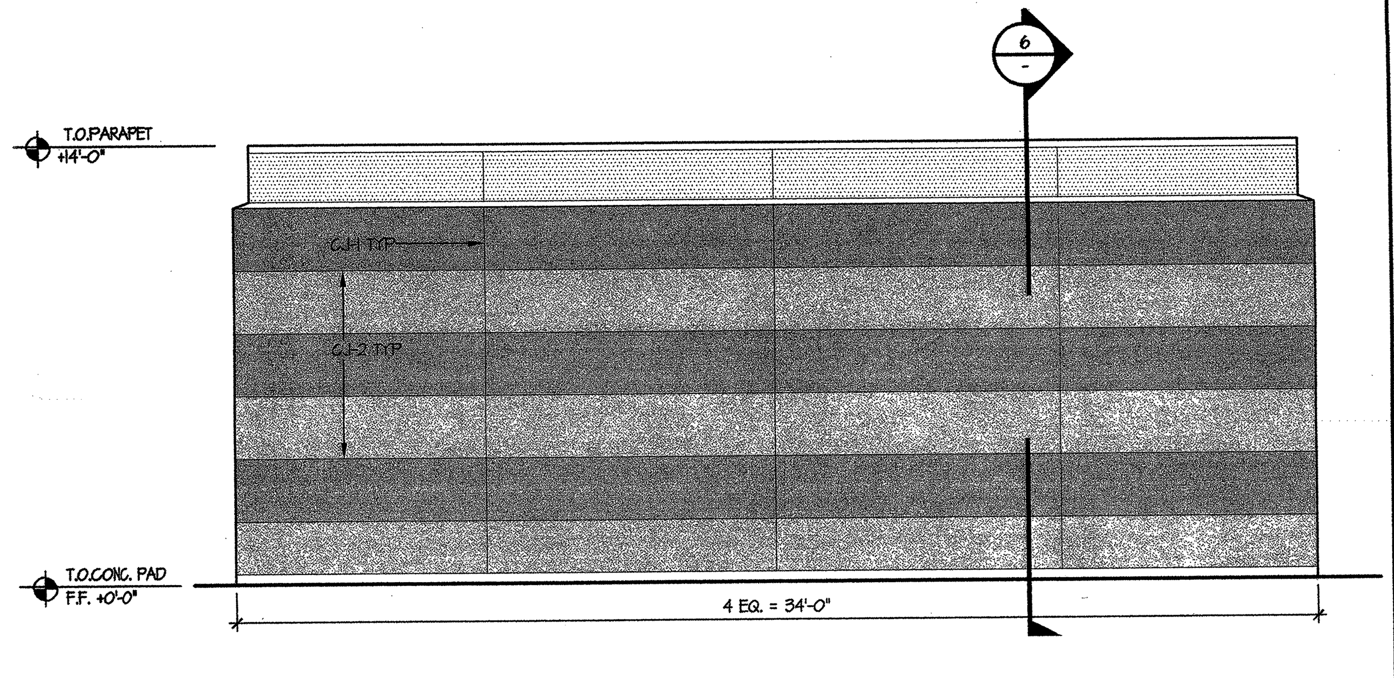


WEST ELEVATION 5
SCALE: 1/4" = 1'-0"

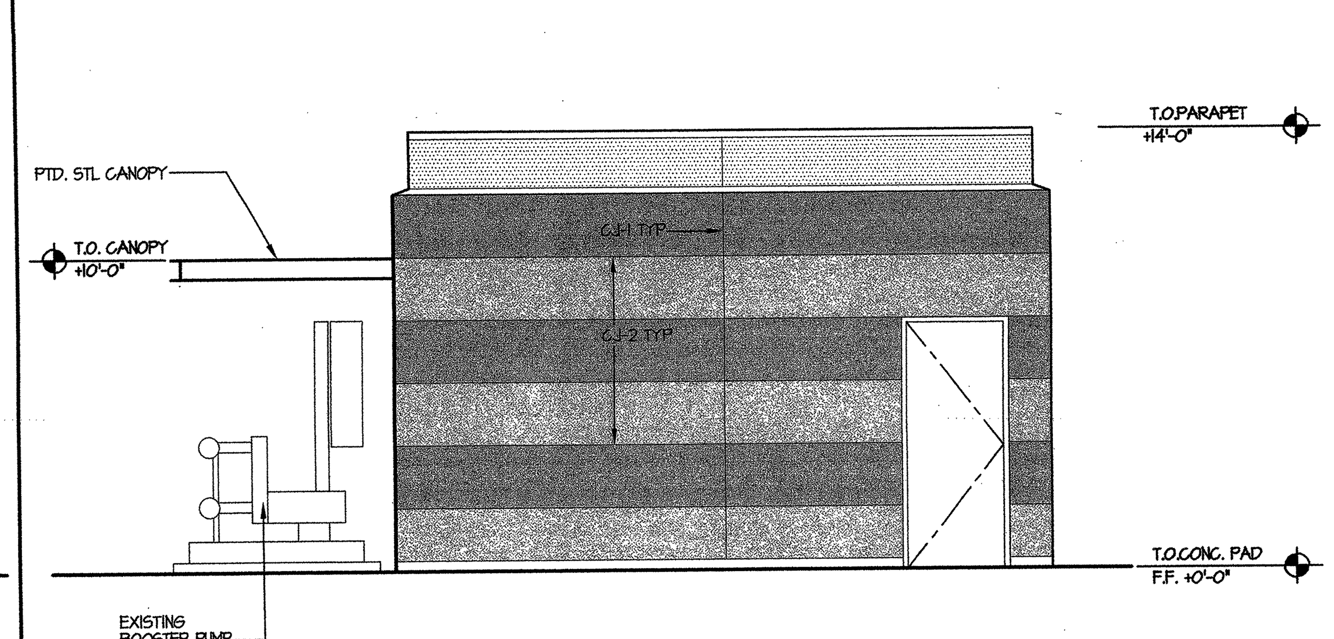


REVISED LOUVER SIZE PER BULLETIN 26

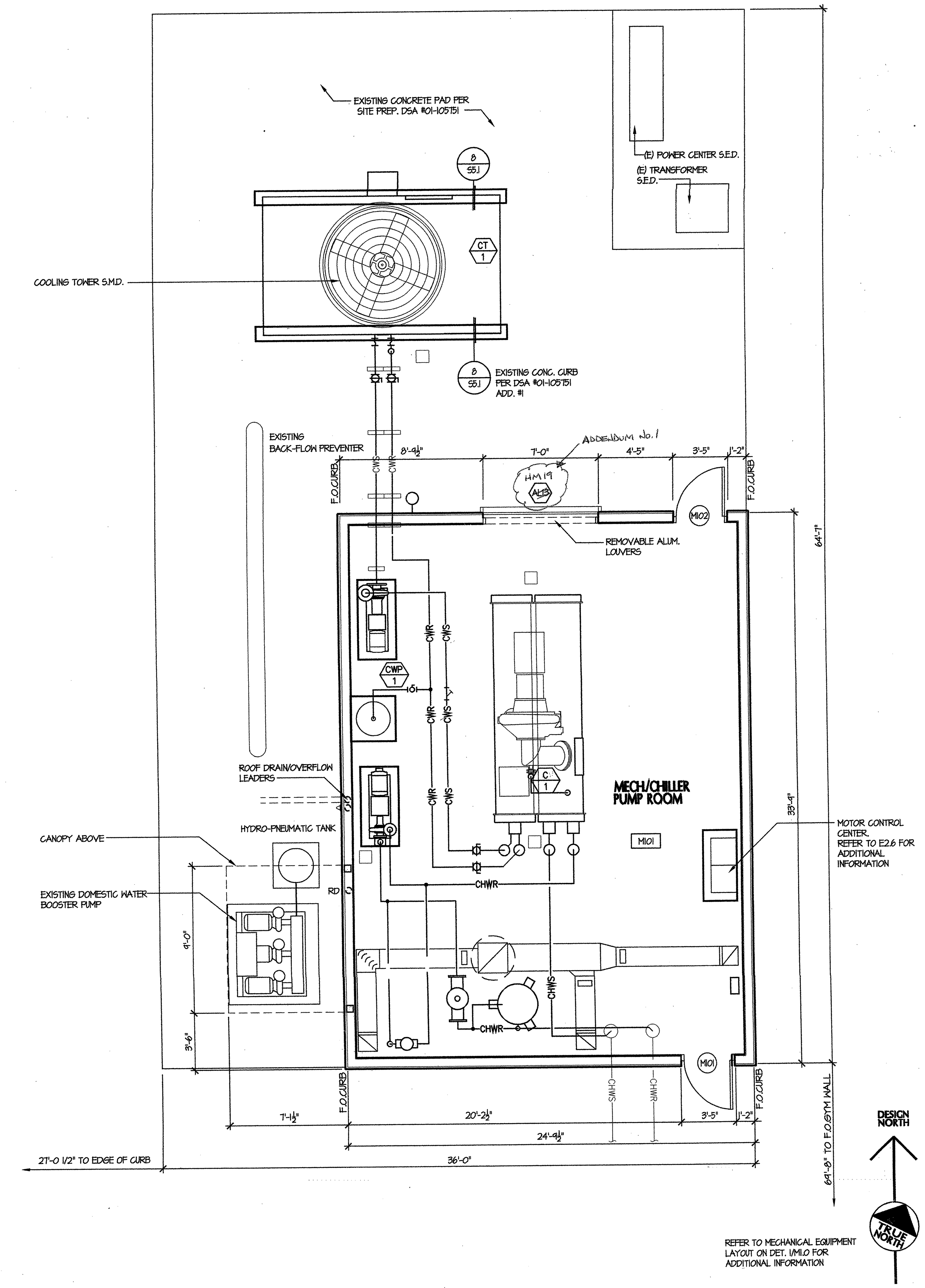
NORTH ELEVATION 4
SCALE: 1/4" = 1'-0"



EAST ELEVATION 3
SCALE: 1/4" = 1'-0"



SOUTH ELEVATION 2
SCALE: 1/4" = 1'-0"



REFER TO MECHANICAL EQUIPMENT LAYOUT ON DET. 1/M1.0 FOR ADDITIONAL INFORMATION

DESIGN NORTH
TRUE NORTH

PLAN - MECHANICAL/CHILLER/PUMP BUILDING 1
SCALE: 1/4" = 1'-0"

tBP architecture planning interiors management

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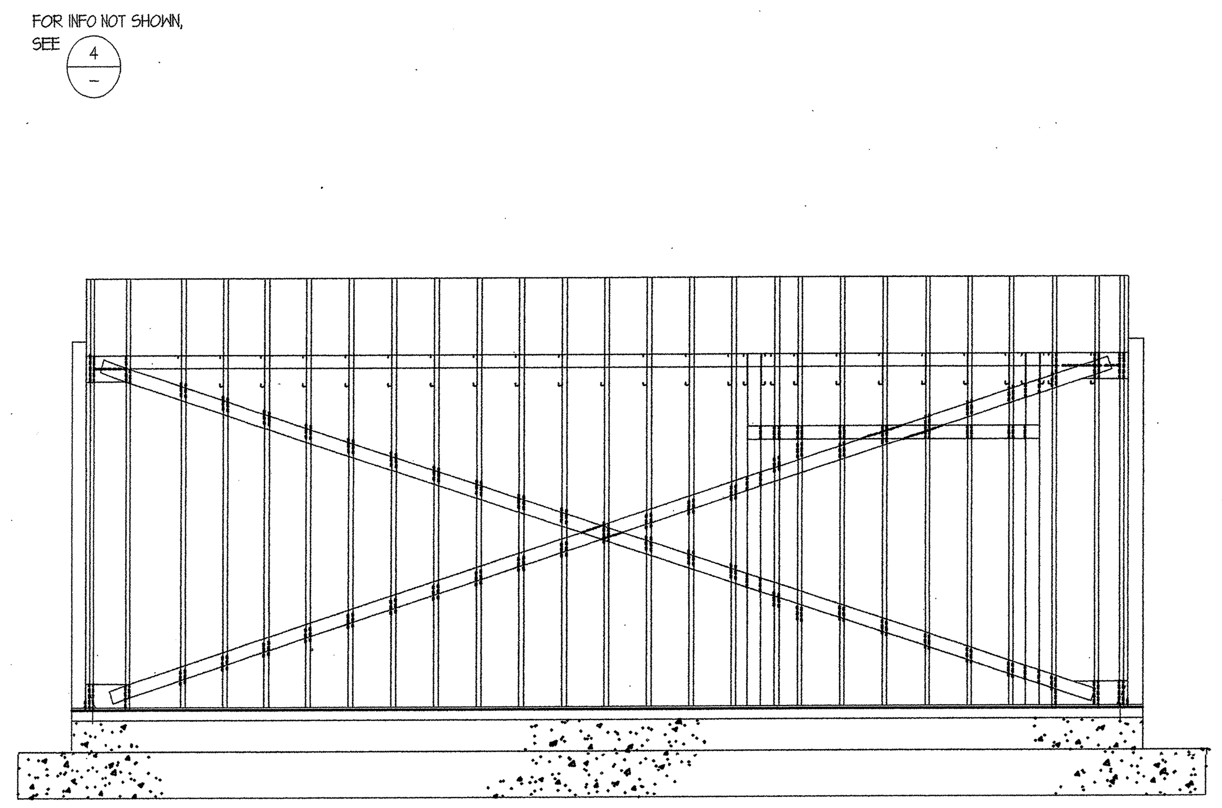
SCIENCE BUILDING
LOS MEDANOS COLLEGE
Contra Costa Community College District

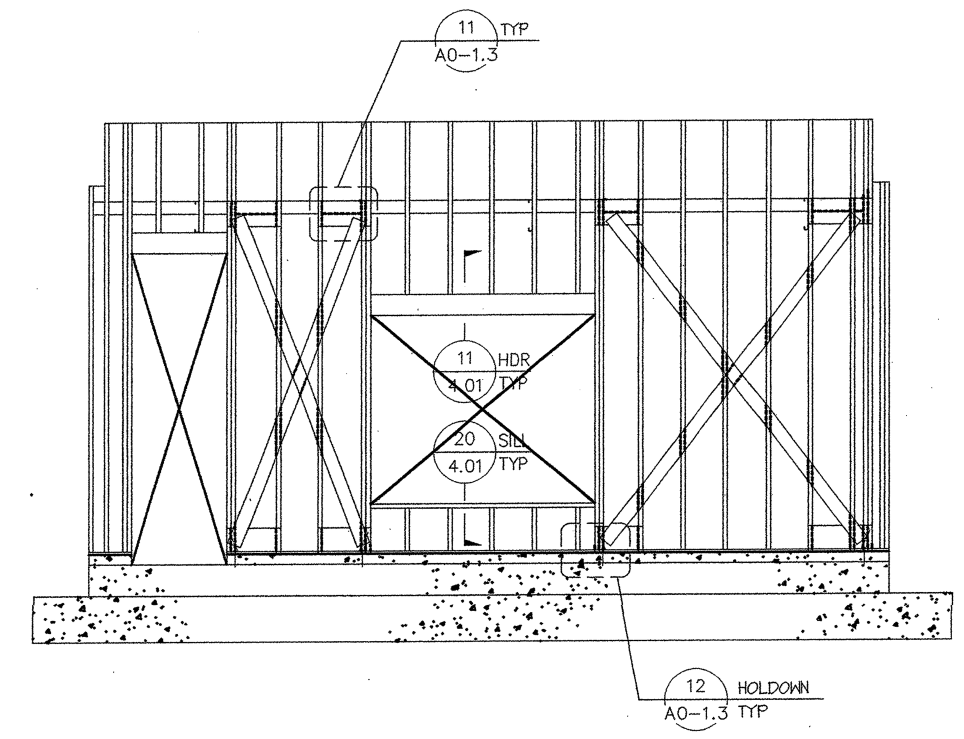
tBP project number : 20241.00
file name: A-0.1.1.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

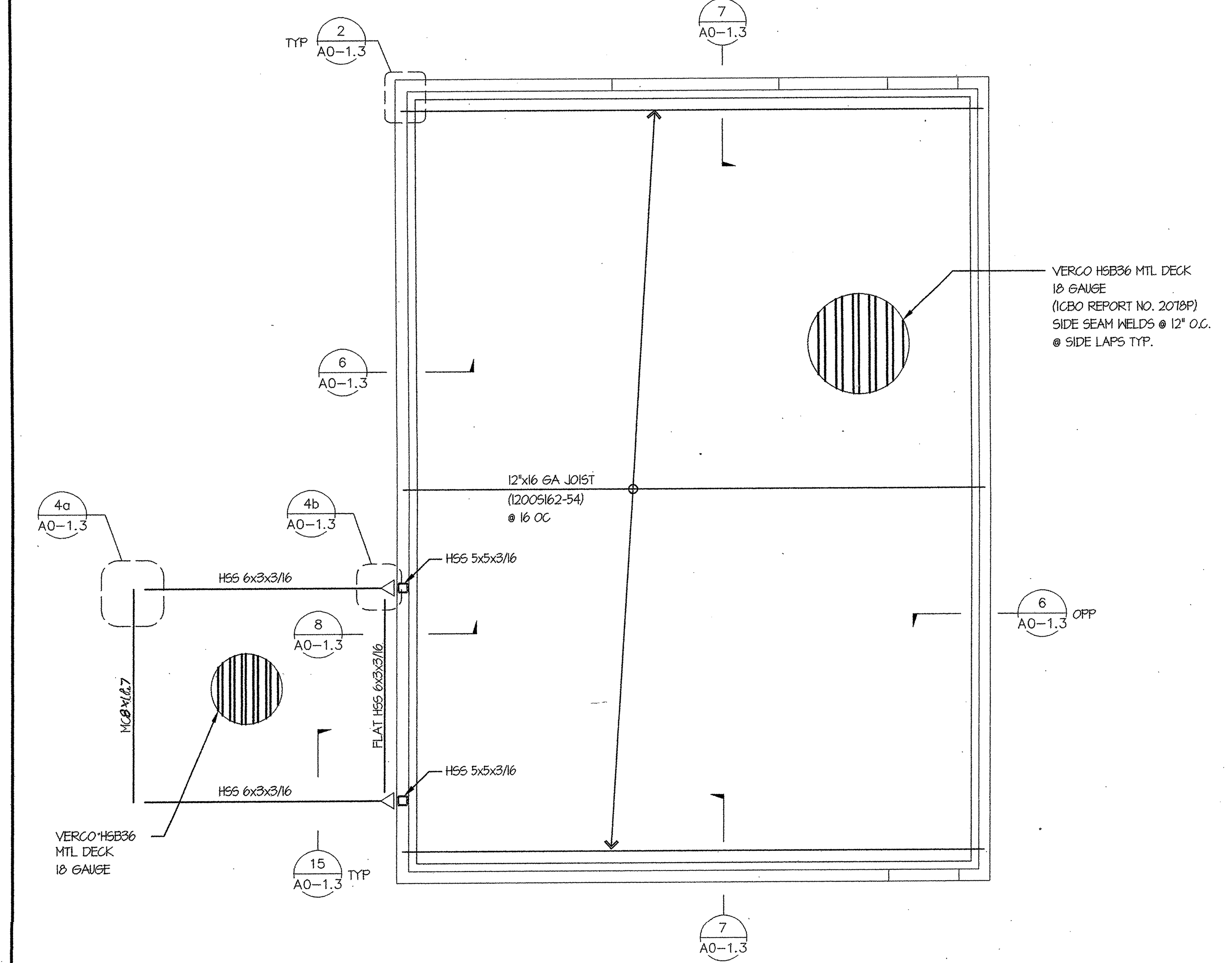
drawing title:
MECHANICAL/CHILLER/PUMP BUILDING
LMC SCIENCE 313-023-112.01-0-00.00
drawing no.: A0-1.1



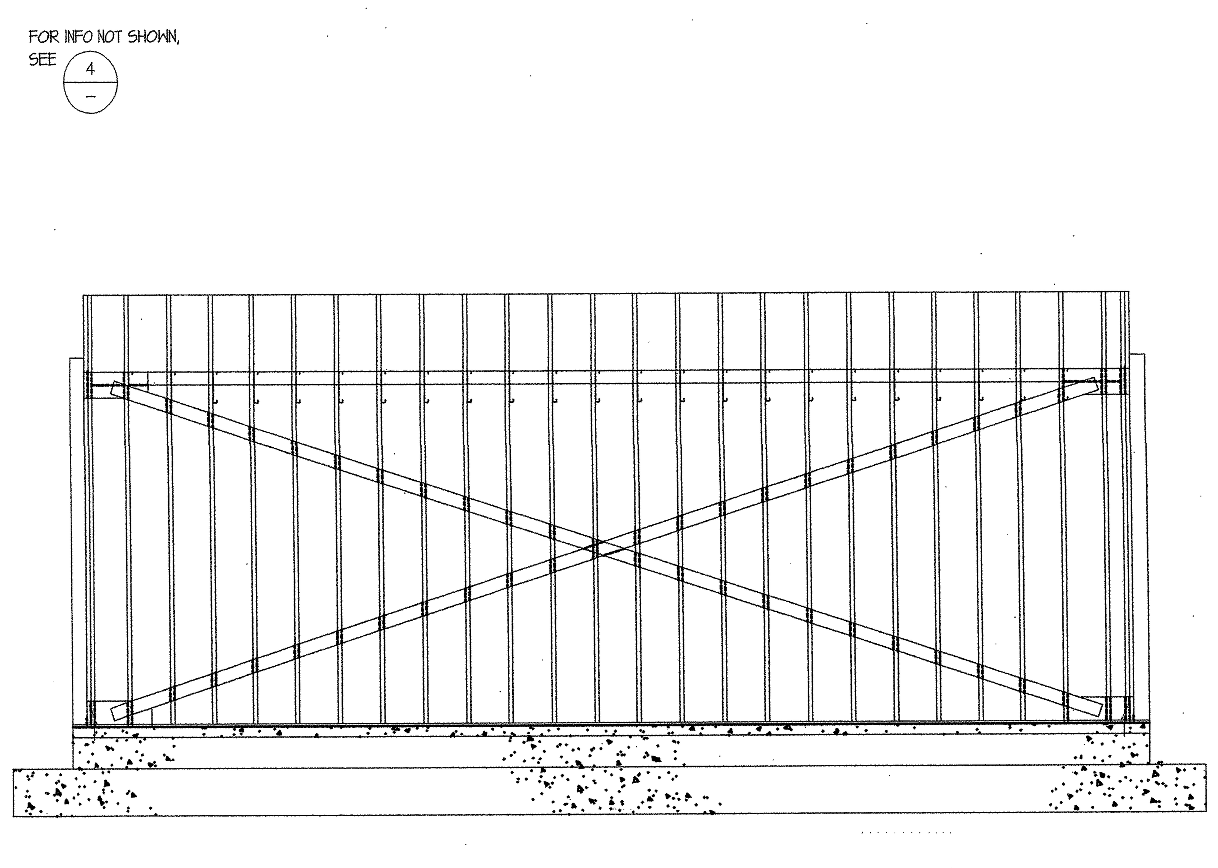
6 WEST ELEVATION 1"=1'-0"



4 NORTH ELEVATION 1"=1'-0"



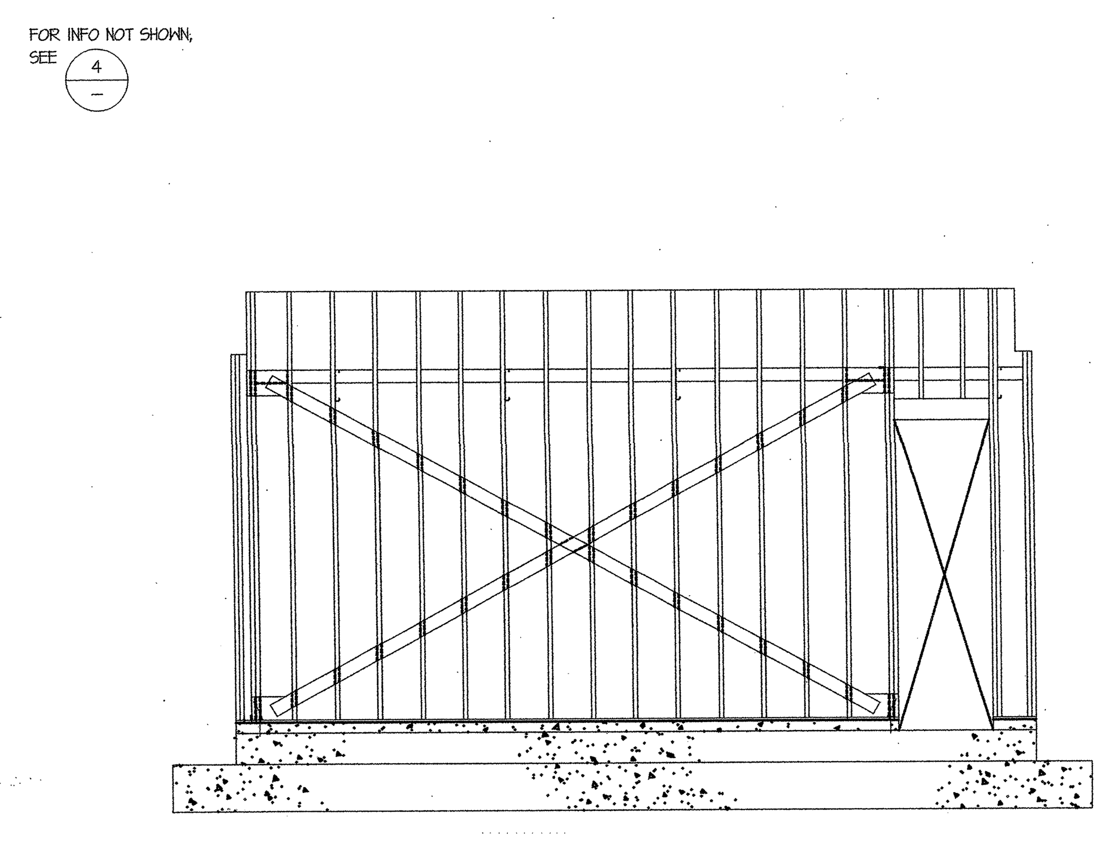
2 ROOF FRAMING PLAN 1"=1'-0"



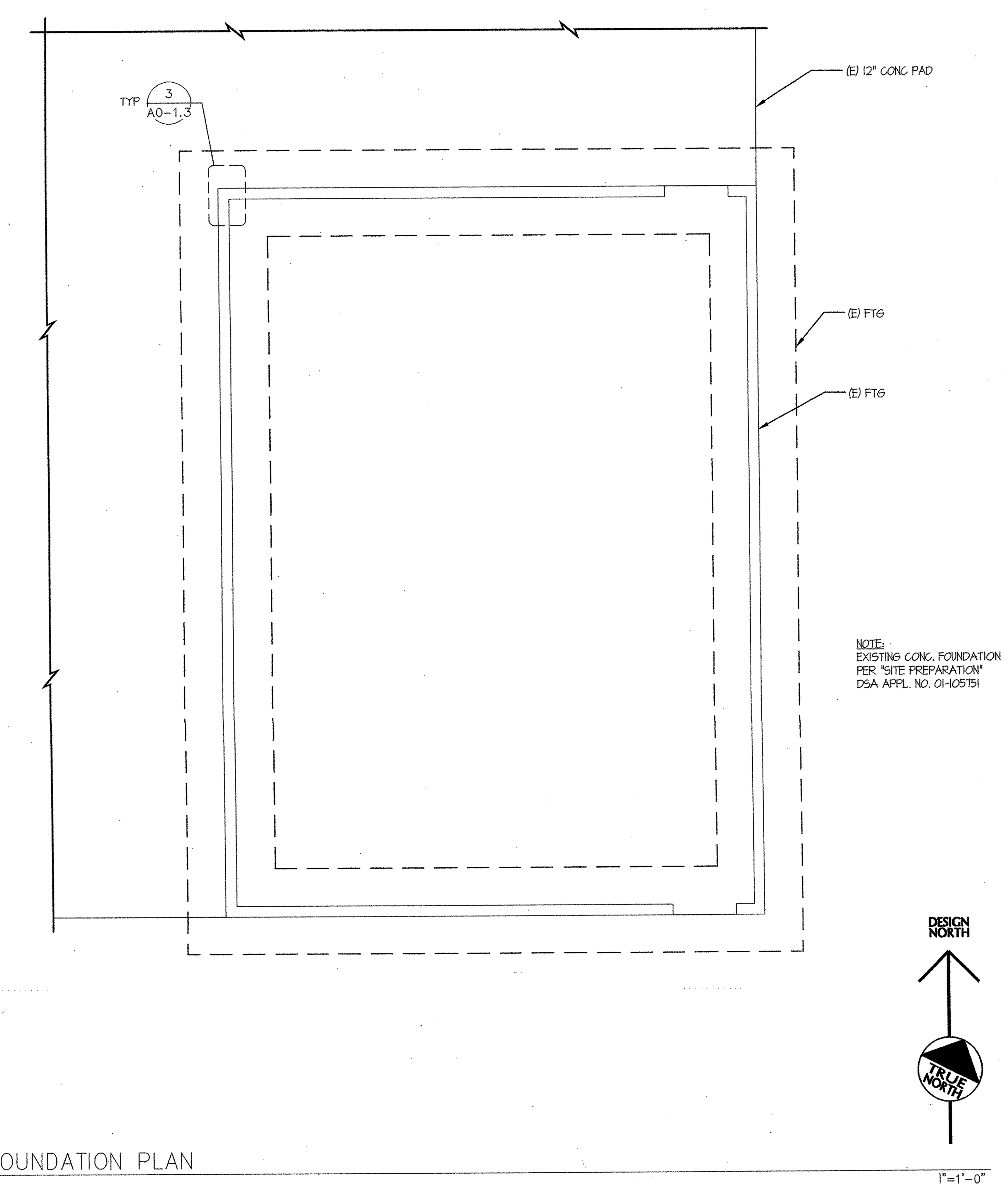
5 EAST ELEVATION 1"=1'-0"

ELEVATION NOTES

1. SEE SHEET 4.01 FOR TYPICAL STUD FRAMING DETAILS.



3 SOUTH ELEVATION 1"=1'-0"



NOTE:
EXISTING CONC. FOUNDATION PER "SITE PREPARATION" DSA APPL. NO. 01-105751

1 FOUNDATION PLAN 1"=1'-0"

tBP architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p. 925.246.6419 f. 925.246.6495

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106238
DATE 1-11-05
FILE No. 7C-1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p. 415-396-9500 f.

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number: 20241.00
file name: A-0.1.2.DWG
drawn by: SVO checked by: CHN
date: NOVEMBER 15, 2004 AS NOTED

Rev.	date:	description:

drawing title:
MECHANICAL/CHILLER/PUMP BUILDING

LMC SCIENCE 313-023-112.01-0-00.00
drawing no: A0-1.2

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Subj.: No bolts at chiller building curb

Reference (dwg, spec.) : A0-1.3

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

RFI No: **214**

Subcontractor RFI:

Reply Requested By: 5/18/06

INFORMATION REQUESTED: Date: 5/11/06

In review of detail 8/A0-1.3 and comparison to the previously cast concrete curb for the chiller building, there are no 5/8" bolts with 12" embedment cast into the (E) curb. SJA can install bolts, however we do not know the (E) construction (i.e. concrete thickness, rebar obstructions, etc) nor do the plans indicate method of bolt "attachment" (i.e. epoxy, grout). Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DASSE DATE:

Use 5/8" ∅ A36 thr'd rod and HSS base plate. Install and test similar to what is shown on 16/A0-1.3, grout and pull to 8000 #. Drawings of existing construction attached.

5-12-06

Attachments:

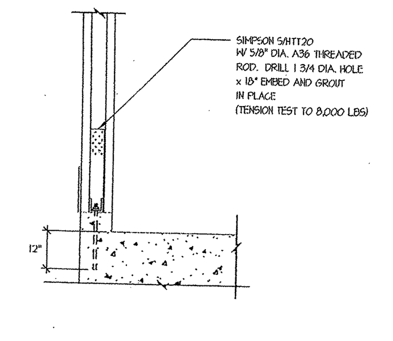
By:

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	4/4/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

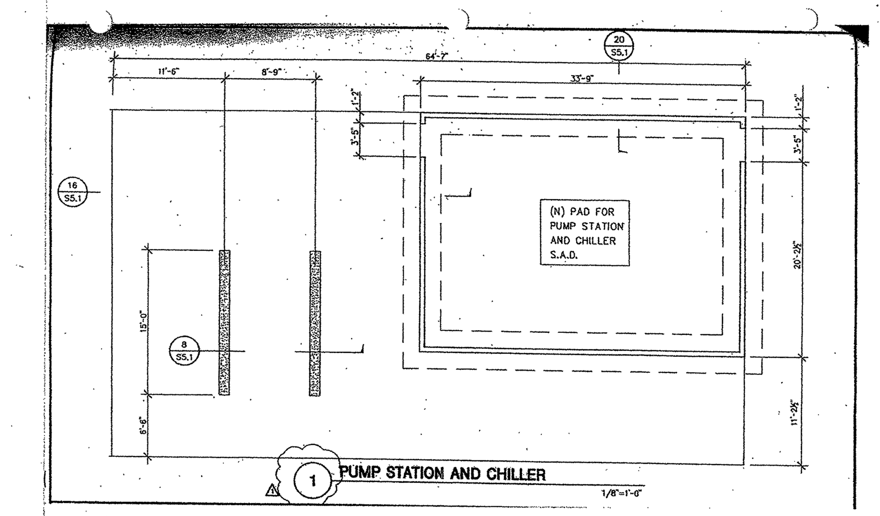
cc: MIGUEL

RFI # 000
Page 1

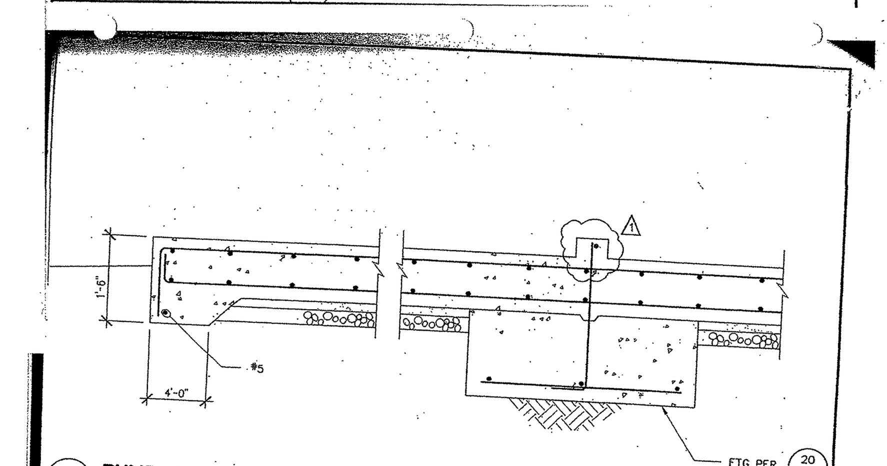


16 HOLD DOWN DETAIL

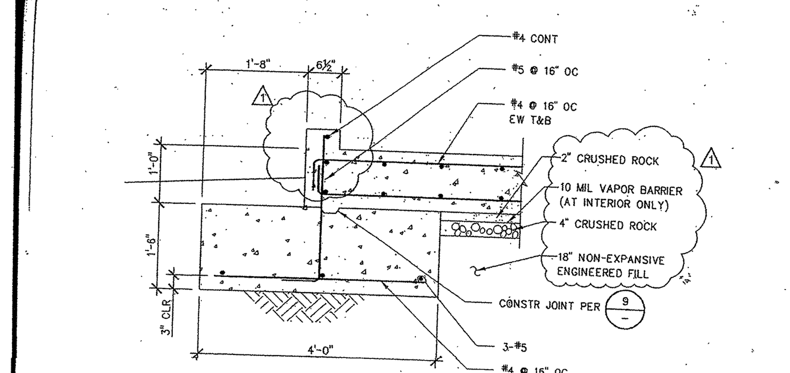
A0-1.3



1 PUMP STATION AND CHILLER



16 PUMP AND CHILLER PAD



20 PUMP AND CHILLER PAD

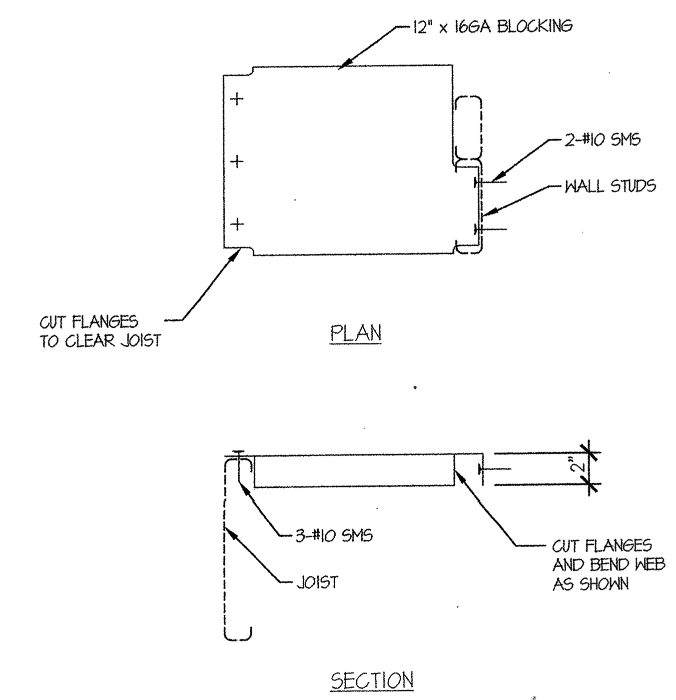
3/4"=1'-0"

SITE PREPARATION
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District

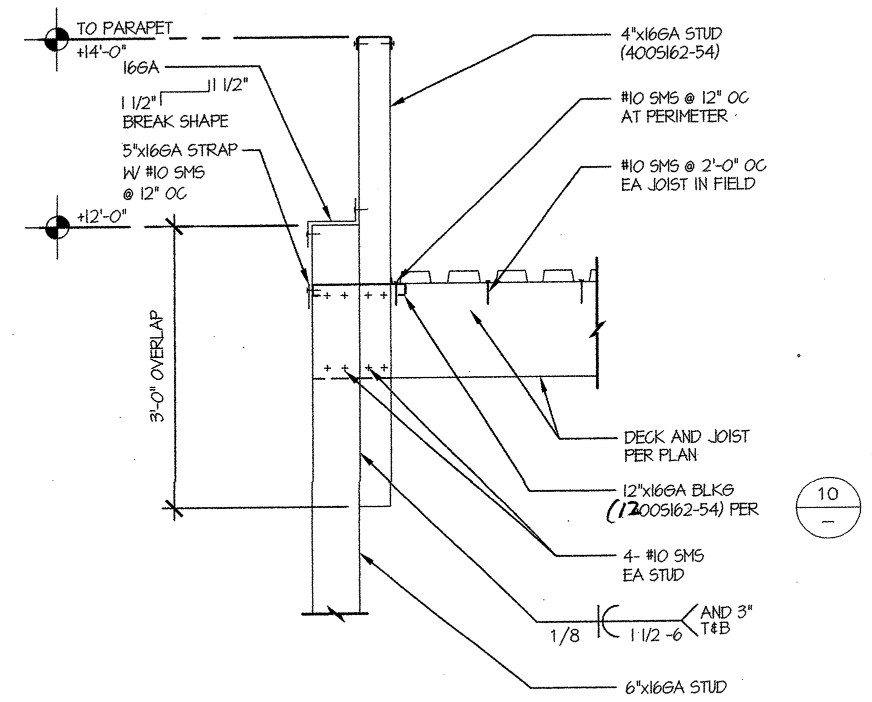
ARCHITECT
tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

tBP architecture planning interiors management

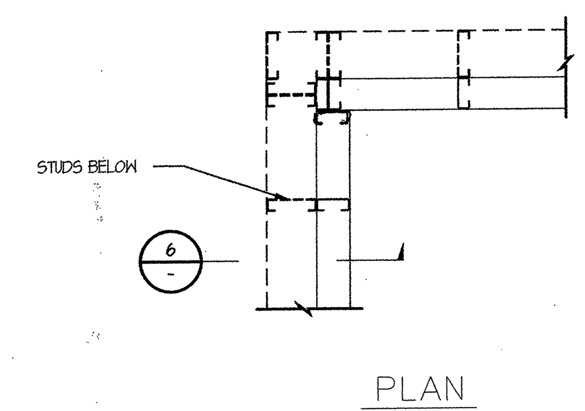
ADDENDUM NO. 1
DATE: 04/30/04
DSA NO. 01-105816
THIS REVISES IN PART SHEET: S5.1
SHEET: CD.4



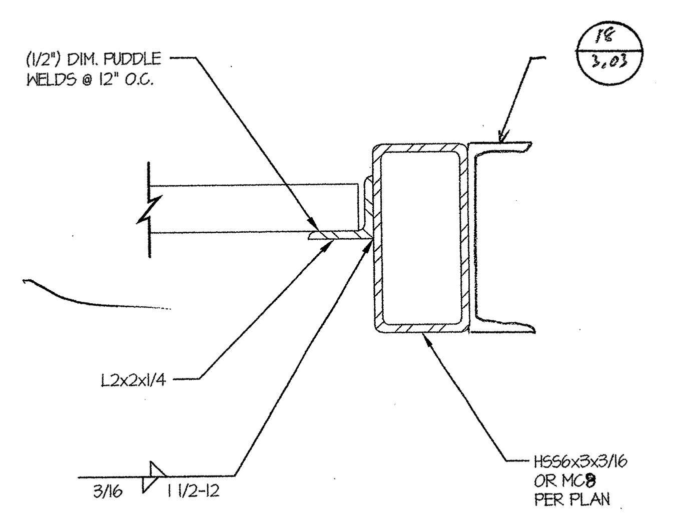
10 BLOCKING 1 1/2"=1'-0"



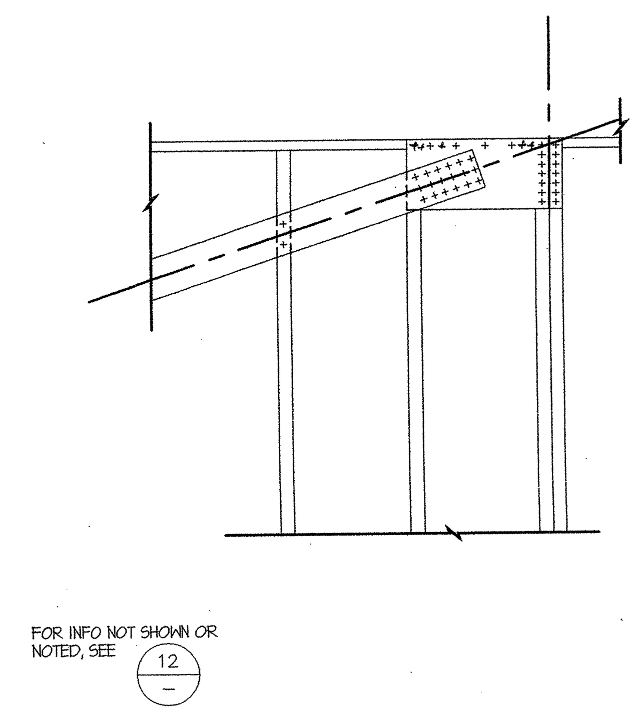
6 EXTERIOR WALL CONNECTION



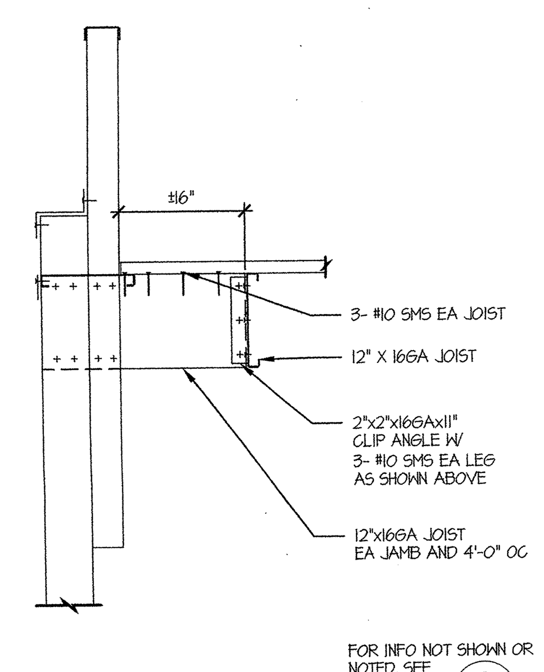
2 PARAPET INTERSECTION 0"=1'-0"



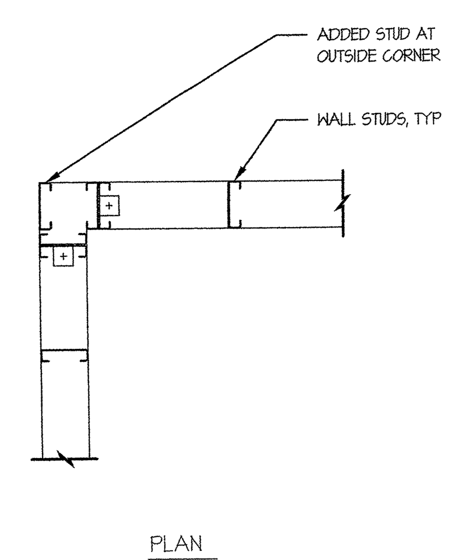
15 CANOPY 3"=1'-0"



11 STRAP ANCHORAGE 0"=1'-0"



7 EXTERIOR WALL CONNECTION 0"=1'-0"



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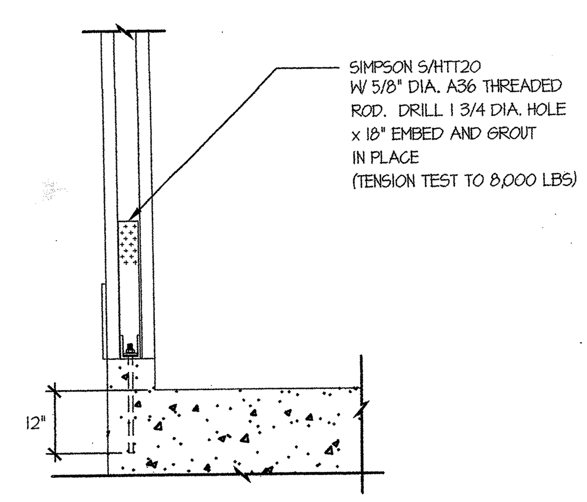
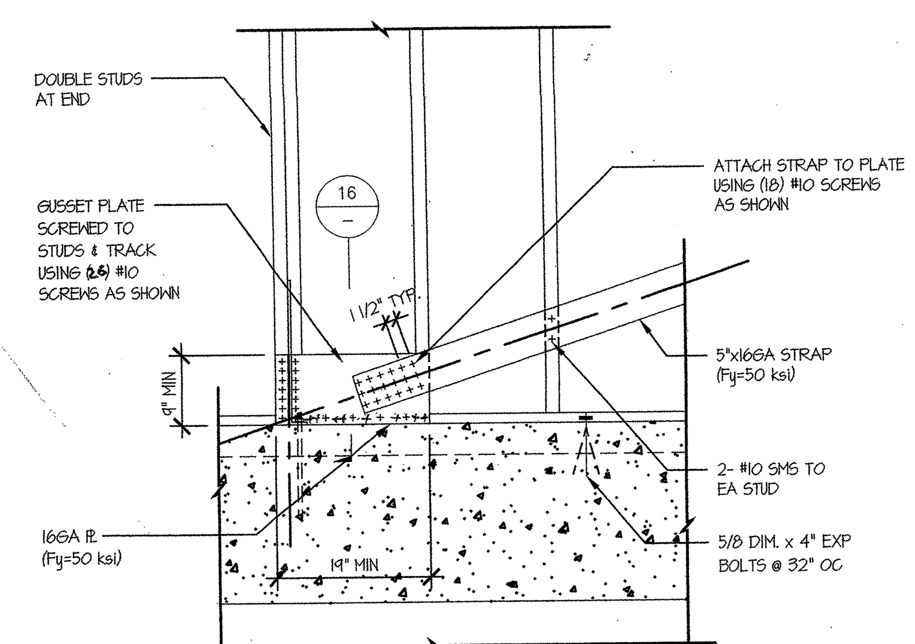
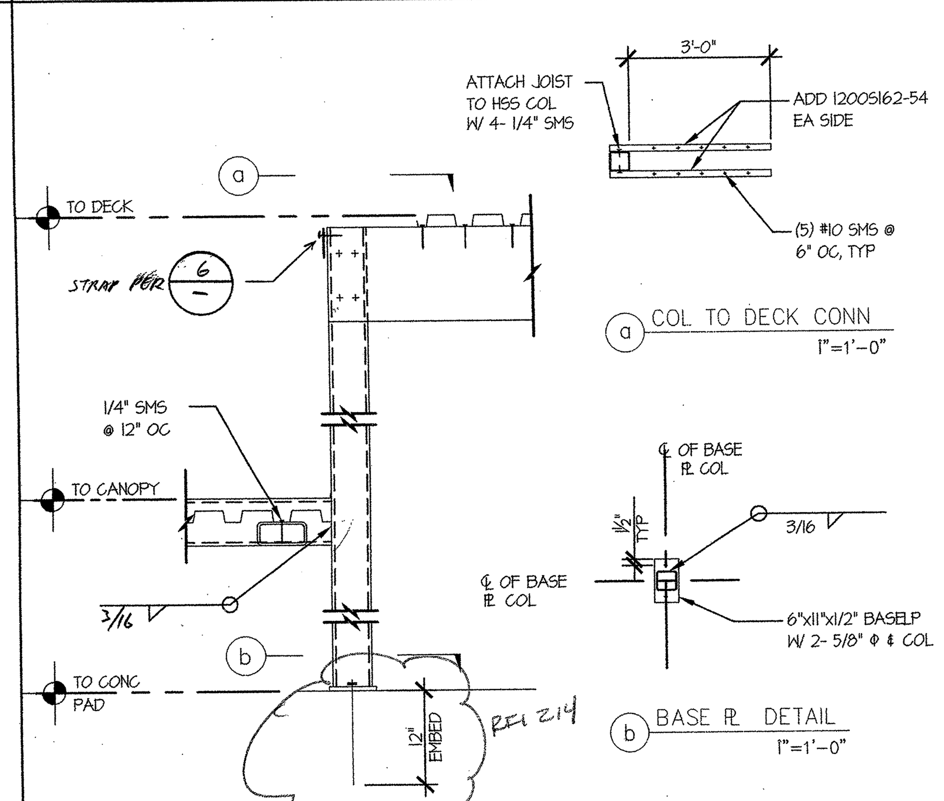


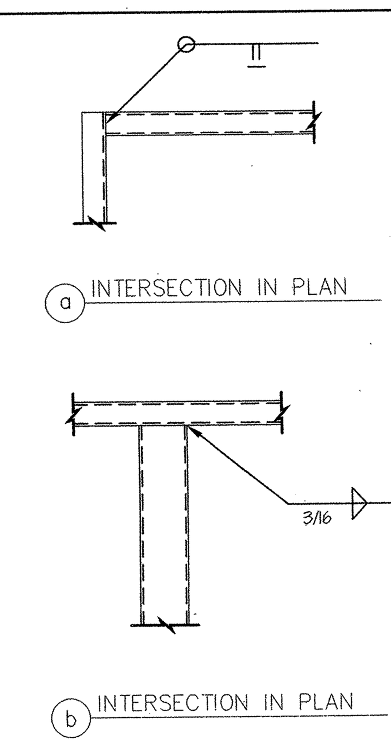
16 HOLD DOWN DETAIL 0"=1'-0"



12 STRAP ANCHORAGE 0"=1'-0"



8 CANOPY CONNECTION 0"=1'-0"



SEE 11/3.03 FOR INFO NOT SHOWN OR NOTED

4 CANOPY FRAMING 0"=1'-0"

tBP architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

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FILE No. 7-C1

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Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number: 20241.00
file name: A-0.1.3.DWG
drawn by: SVO checked by: CHN
date: NOVEMBER 15, 2004 AS NOTED
Rev. date: description:

drawing title:
MECHANICAL/CHILLER/ PUMP BUILDING

LMC SCIENCE 313-023-112.01-0-00.00
drawing no: A0-1.3

Bulletin No.04B

Date: March 6, 2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Drawings: A0-2, A0-3, A0-5, A1-2, A1-4, A8-1, RFI #107, #109, #121, #124, #126.

1. Revise the restroom curbs called out on Horizontal Control Plans sheet A0-2, A0-3 and A0-5. Concrete curb at Restrooms revise to accommodate plumbing.
   - See sketch SKA-04B.1 for revision of concrete curb at Men and Women Restrooms – Room #135 and #136, and revision of edge of slab dimension at east of Lobby – Room #140 near Grid "3". Reference sheet A0-2: First Floor Horizontal Control Plan – Area "A".
   - See sketch SKA-04B.2 for revision of concrete curb dimension at Men and Women Restroom – Room #109 and #110. Reference sheet A0-3: First Floor Horizontal Control Plan – Area "B".
   - See sketch SKA-04B.3 for revision of concrete curb slab dimension at Men and Women Restroom – Room #211 and #212. Reference sheet A0-5: Second Floor Horizontal Control Plan – Area "B".
2. Revise the following Partition Types called out on sheets A1-2 and A1-4. Wall thickness at Restrooms revised to accommodate plumbing.
   - Partitions revised to Type-6 "similar" as noted on sketches SKA-04B.4 and SKA-04B.5 for Men and Women Restroom at First and Second Floor Room # 109, #110, #211 and #212.
   - Clarify partition type and assembly for wall at Drinking Fountain at Corridor – Room #106 and #207 per sketches SKA-04B.4 and SKA-04B.5. Dimensions are shown to F.O. finish for ADA clearance. Reference original response to RFI #124.
3. Revise dimensions on Enlarged Restrooms Plans for First Floor and Second Floor on details #1 and #3, sheet A8-1. Reference to RFI #107, #109.
   - Restroom dimensions are revised per sketches SKA-04B.6 and SKA-04B.7. Dimensions at Restrooms walls are deleted due to locations of curbs are shown per Horizontal Control Plans. Shift center lines of

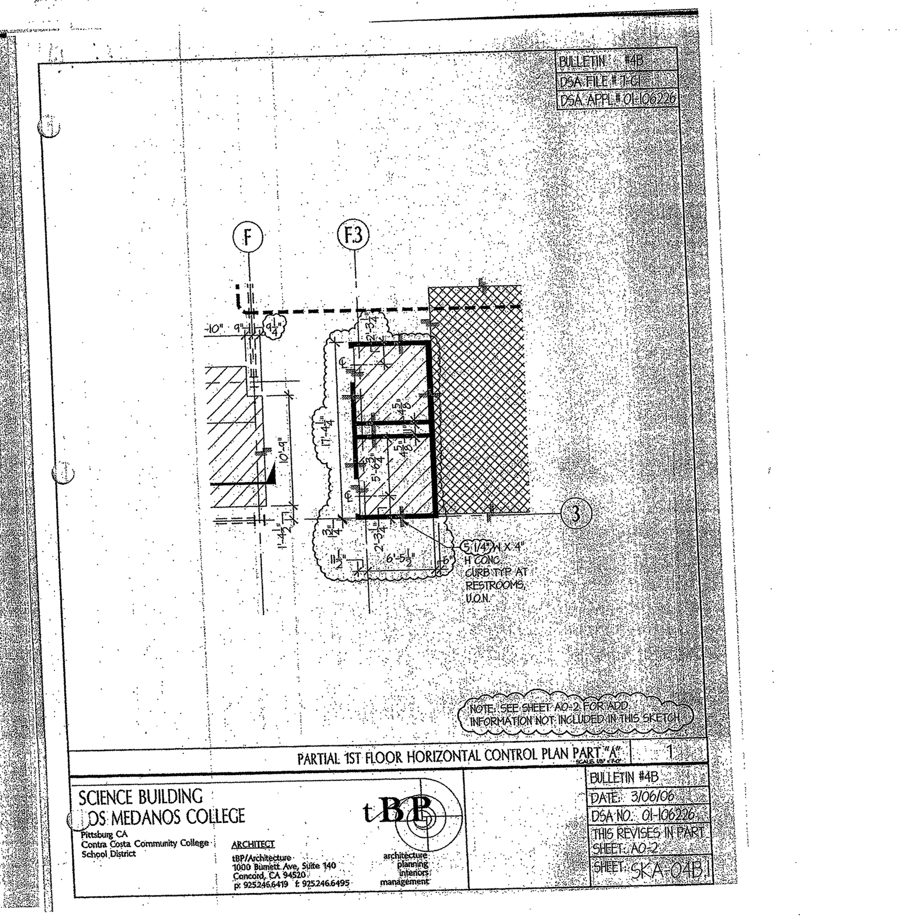
plumbing fixtures to reflect wall thickness revisions.
- Revise locations of Drinking Fountains wing walls per sketch SKA-04B.6 and SKA-04B.7.

Issued By: Architect
Requested By: Architect
Reason: Concrete curb coordination
Enclosures: SKA-04B.1 to SKA-04B.7

Distribution:

Copies	Name	Organization
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cass Perrotta	CCCCDistrict
1 copy	Bob Mailor	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture
1 copy	Dave Western	Ainsworth Associates

Action:
- For Information/Clarification only
- Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- Requires DSA review and approval
- Proceed as authorized by District



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Blockouts in slab on grade for column steel
RFI No: 142
Reference (dwg, spec): None
Subcontractor RFI#

Reply Requested By: 2/21/06

INFORMATION REQUESTED: Date: 2/15/06

As discussed between the SJA superintendent and the Structural Engineer, the sequence of events will be to cast the slab on grade prior to arrival of the structural steel, which will require blockouts in the slab for the steel columns. We understand that the preference is for the blockouts to be "diamond-shaped" (i.e. not square to building lines, but turned 90 degrees). Please provide whatever additional parameters will be required to construct these blockouts and then add the void after erection of column steel.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:

DASSE Response
Provide blockout per sketch SSK-1 attached.
2-16-06

Attachments: By:

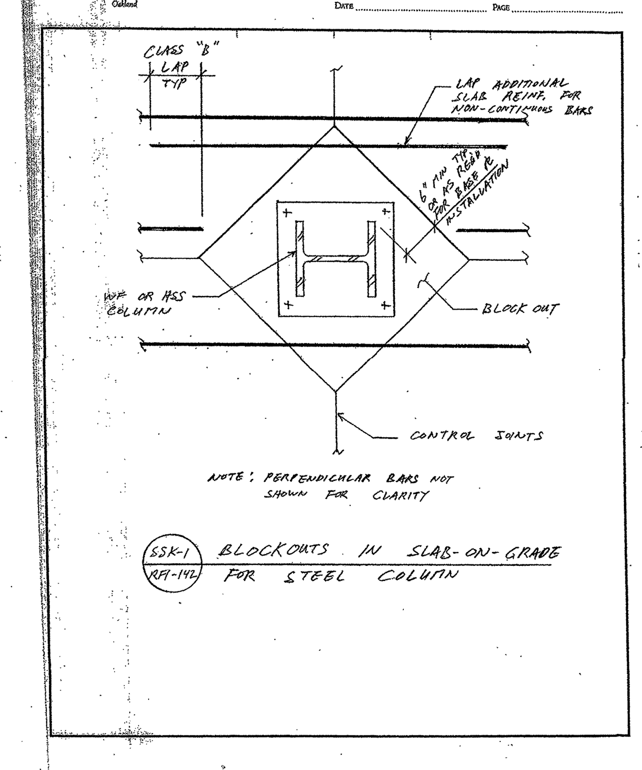
TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	2/8/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

DASSE
DASSE DESIGN INC.
STRUCTURAL ENGINEERS
San Francisco
Oakland

PROJECT ....
JOB NO. .... BY ....
DATE .... PAGE ....



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Depressed slab at chemical storage room, room 138
RFI No: 503
Reference (dwg, spec.): C-1.1B, A0-2, A8-5, A1-1, 5.0 L
Subcontractor RFI:

Reply Requested By: 3/21/07

INFORMATION REQUESTED: Date: 3/14/07

For sheets A0-2 and A0-8, the slab is depressed 4 ½" in the area of the chemical storage room, 138.
For sheet C1.1B, finish floor elevation is 73.3.
This combination of facts presents a couple of challenges. First, upon entering the room from the sole entrance, a door from the exterior, one is presented with a 4 ½" drop in elevation which may pose ADA challenges as well as difficulty in moving materials in and out of the room. This door is set per the contract documents, so it is not an issue of incorrect curb height at this location. Second, the floor drain was set relative to finish floor elevation of 73.3 so that now the drain is higher than the floor.
Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

1. Provide 2-1/2" of level mortar/grout.
2. Lower existing drain and cleanout to level of grout fill and cap in place with removeable metal cap.
3. Provide and install 2" corrosion resistant grate flooring system. DuraDek pultruded bar type grating or equal. Gray color. (See attached cut sheet).
4. Revise existing light switch, lighting fixture and power receptacle with explosionproof fixture/devices. (See attached cut sheets).

Jim Weaver / tBP Architecture
R. Cate / RFD
D. Weston / Ainsworth Associates
L. Lai / TWF

RFI # 000
Page 1

SEE ALSO SHEET SS.2

E-MAILED

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.:
RFI No: 144
Reference (dwg, spec): A1-1, 6/A8-5, S2.1.1, 20/S5.2, 8/S5.2
Subcontractor RFI#

Reply Requested By: 2/21/06

INFORMATION REQUESTED: Date: 2/13/06

Per conversations between SJA superintendent, architect and structural engineer, please confirm the following with regards to the retaining walls at Lecture Hall, room 141:

A. The retaining wall @D.7-line to D.9 line (west side of the lecture hall) and F-line to F.3 line (east side of the lecture hall) will be placed to sub-grade of SOG with slab poured on top of wall and no curb above slab.
B. The retaining wall parallel to and north of 1-line (north side of lecture hall) will be placed to elevation +2'-4" with slab poured on top with a curb to support the window wall.
C. At the corners of where 1-line and D.9 line intersect and where 1-line and F-line intersect, the column base plate will be cut in the field so that the edge of plate is flush with the skewed west and east sides of the lecture hall, not protruding past the exterior face of wall as they are if left square.
D. The same base plates described in "C" above will be notched in the field to allow the 3" RWL pipe to pass through these plates (vertically). This notching cannot interfere with the column bases or welded plates per details 3, 7 and 8/S7.2.
E. The plan for installation of the base plates in the same corners as described in "C" above is to use utilize the identical base plates mistakenly cast into the footing pour at elevation -10" by using couplers to "extend" the already case anchor bolts by attaching the "new" anchor bolts of the plates to be cast at elevation +2'-4". If this can be accomplished, then vertical wall rebar will not be needed.

Please confirm each of the above

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:

See DASSE Response attached

Attachments:

RFI # 000
Page 1

Los Medanos College – Science Building
DASSE Response to RFI #144

A.

Proposed construction of slab and retaining wall is structurally acceptable. Concrete curb above top of slab is cosmetic (non-structural) and may be deleted. See SSK-1.

B.

Proposed construction of slab and retaining wall is structurally acceptable.
PROVIDE SACK FINISH ON ALL EXPOSED FACES OF RETAINING WALLS AT LECTURE HALL 141 PER BULLETIN #4A.

C.

The two embedded plates and obstructing welded studs may be field cut flush to the exterior wall. Concrete cover is not required due to cover by the exterior panels. At grids D.9 and 1, cut embedded plate and base plate per SSK-2. One headed stud will be deleted. At grids F and 1, cut embedded plate per SSK-3.

D.

A hole may be cut to allow passage of a 3" rain water leader. Locate rain water leader away from welded studs and the 5/8" side plates as much as possible. See SSK-2 and SSK-3.

E.

Extending anchor bolts with couplers in lieu of #5 vertical bars on both sides of retaining wall at the embedded/base plates is structurally acceptable. The #5 vertical bars between the two embedded plates along grid 1 still required.

Wymore (?) & Cold Rm Supplier for coordination of Door Layout. (RW Smith)

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Trench Drain in Cold Room 134
RFI No: 184
Reference (dwg, spec.): A1-1
Subcontractor RFI:

Reply Requested By: 3/16/06

INFORMATION REQUESTED: Date: 3/9/06

In the Cold Room 134 a trench duct is being called for in the depressed slab. The depressed slab will be covered by the panels that are brought in for the cold room and would then be inaccessible. A solution would be to move the Trench Duct 12" to 18" east into the Cadaver Room 133. Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: See attached sketches for location of 36" long trench drain.
DATE: 3.10.06 REVISED

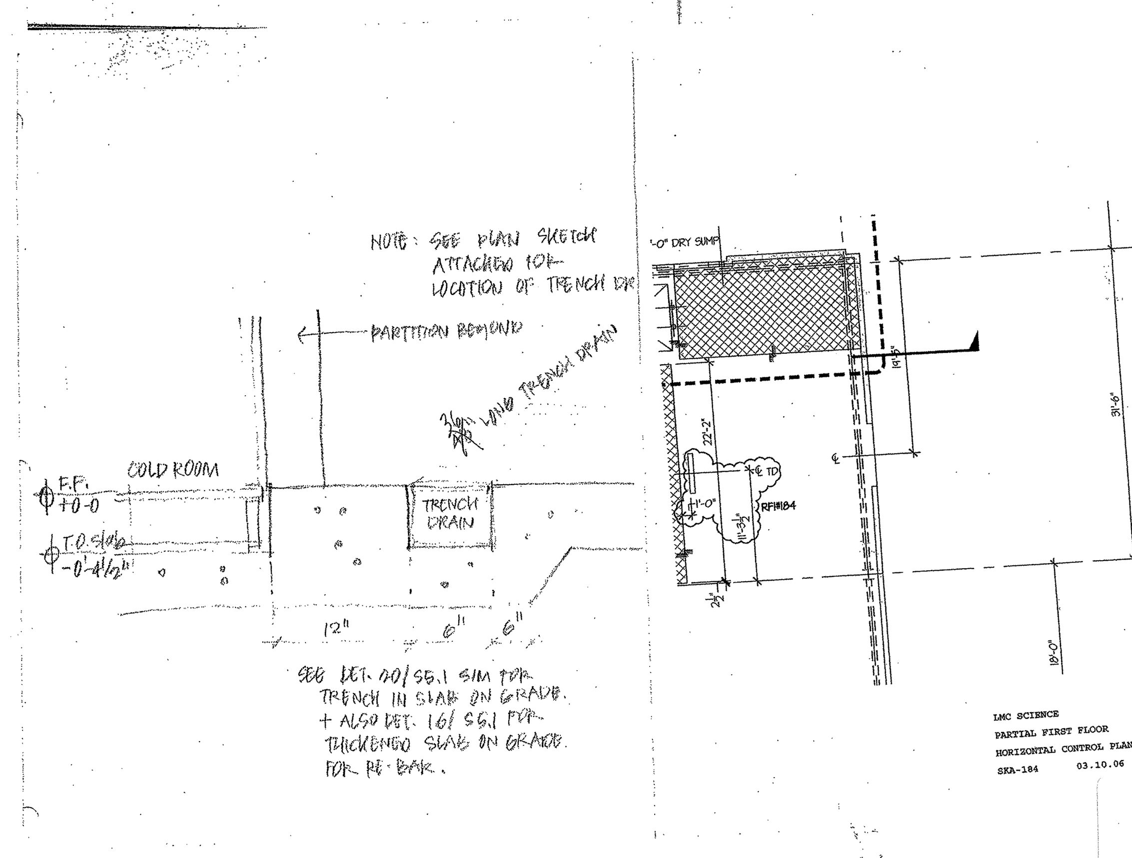
Attachments:
By: C. Chiang/tBP

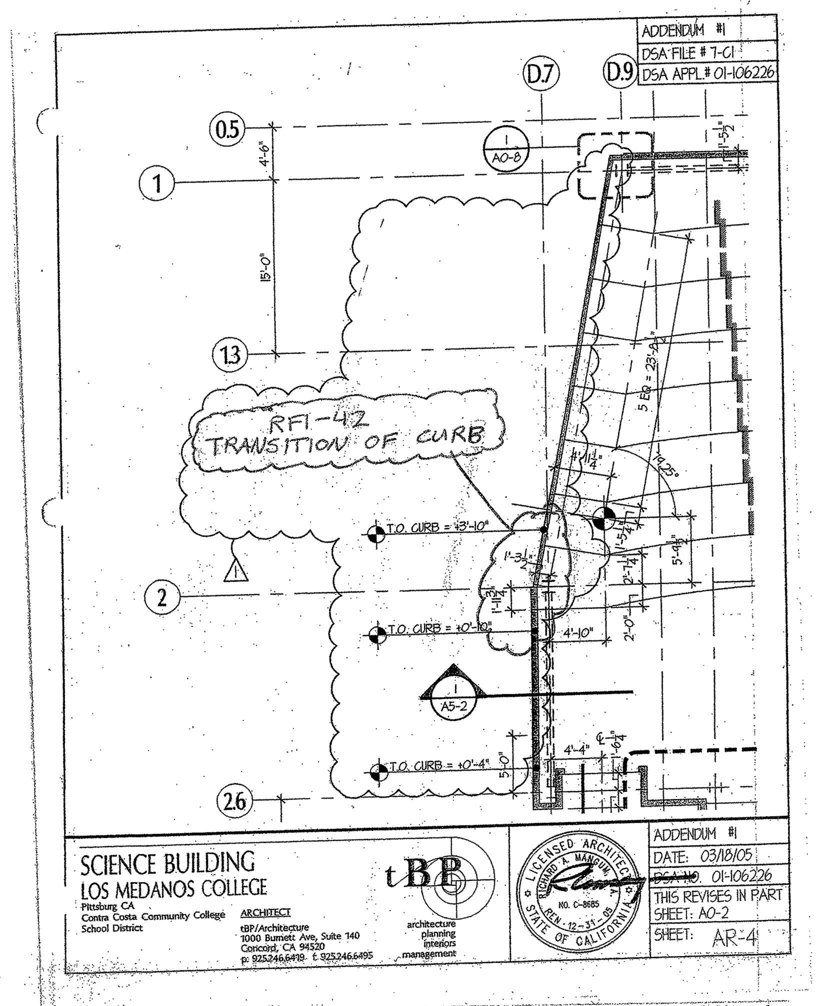
TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	3/9/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	3.10.06
S.J. AMOROSO	ORIGINATOR	

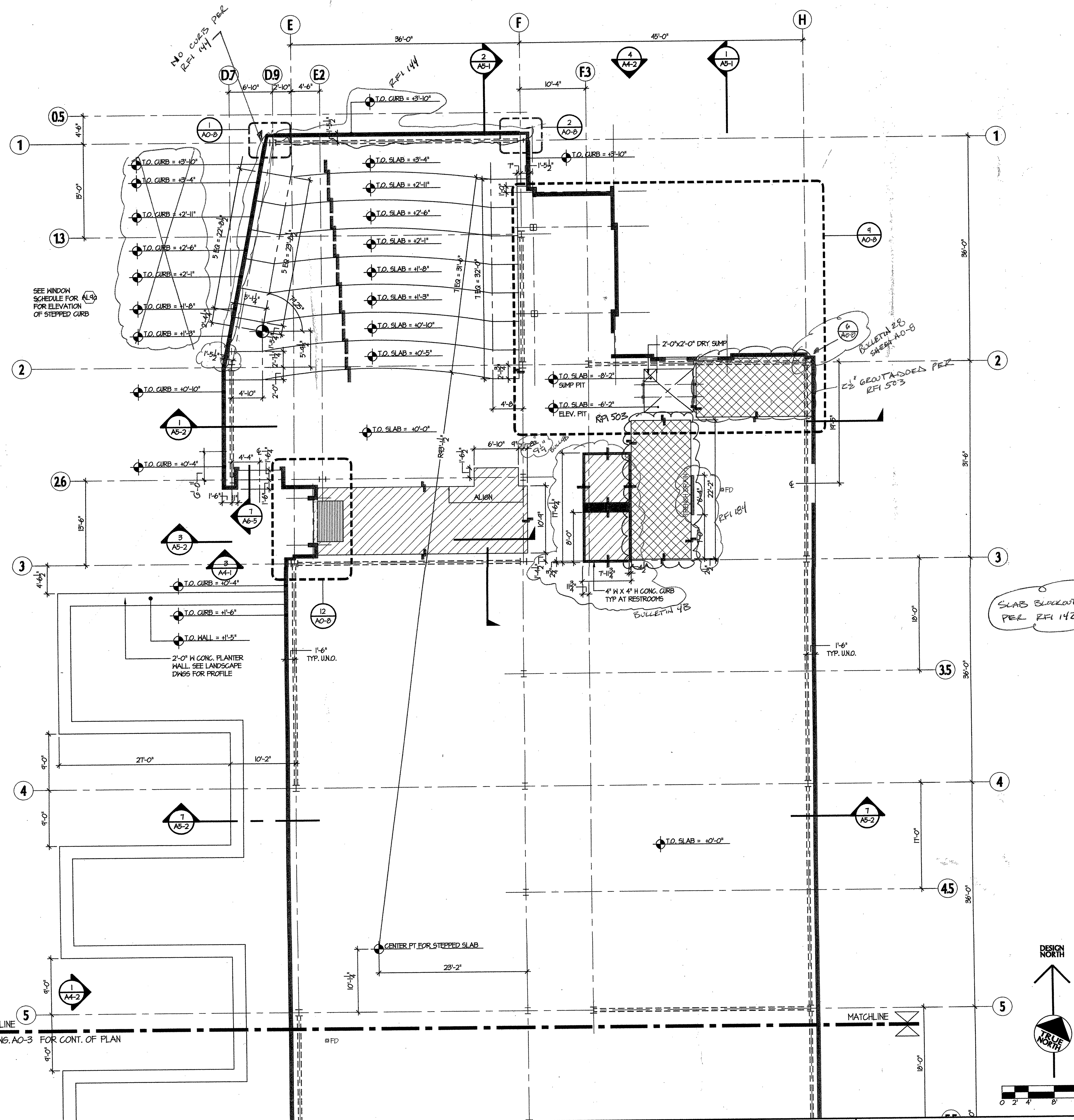
cc: RW SMITH

RFI # 000
Page 1





Refer to Drawings A0-2, A0-4, A0-7, A0-8, AR-4, AR-5, AR-6, AR-10, Horizontal Control Plans:
a. Stepped curb at Large Lecture Hall shown on A0-2 is deleted per AR-4.
b. Second step at stepped slab is changed to be perpendicular to exterior wall per AR-4.



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Fireproofing of exterior diagonal tube steel
RFI No: **281**
Reference (dwg, spec.) : A0-2, A0-3
Subcontractor RFI:
Reply Requested By: 7/11/06

INFORMATION REQUESTED: Date: 7/10/06

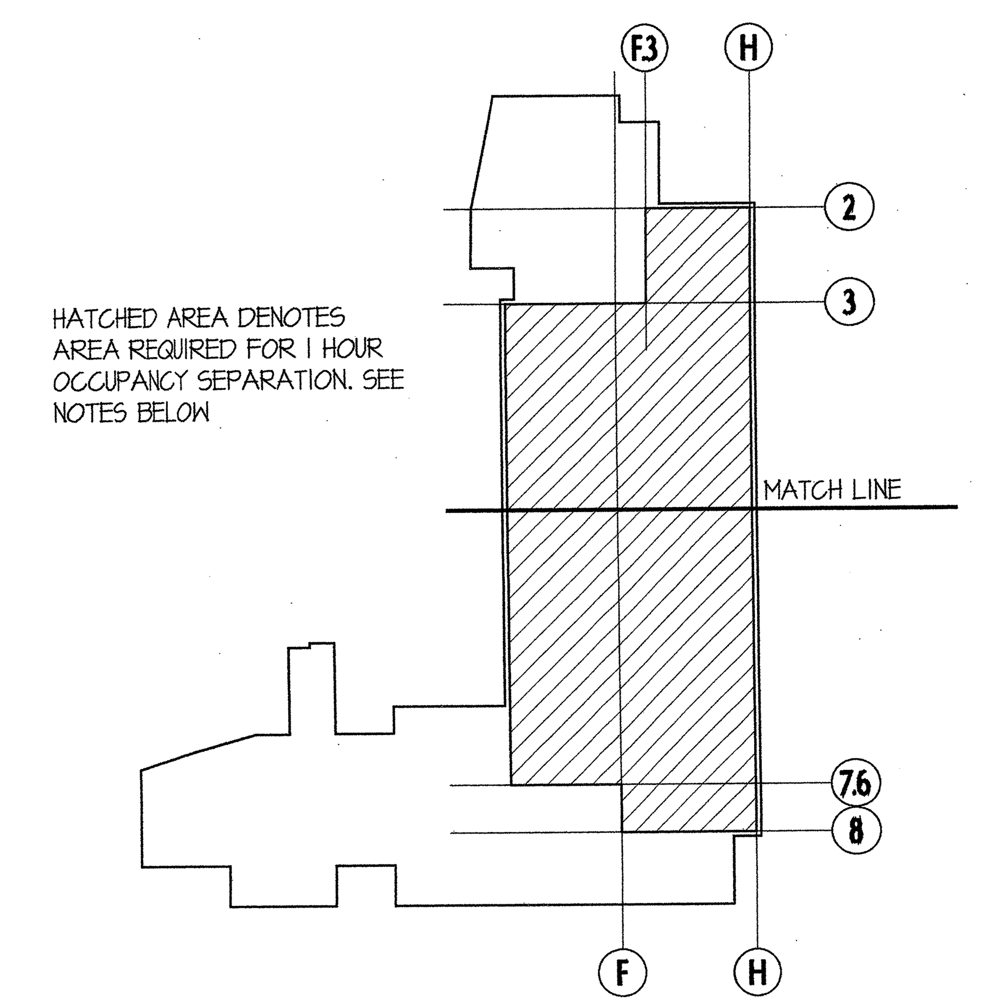
Per notes on sheets A0-2 and A0-3, regarding spray on fireproofing, all steel between grid lines shown in the cross-hatched areas was shipped bare to receive spray on fireproofing. This operation has commenced. Per our conversation this morning, this would include diagonal tube steel at the building exteriors, even though this will be exposed to view in the finished construction. As directed, we have stopped fireproofing the diagonal exposed steel and will remove the fireproofing from the couple that were already sprayed. Please confirm this direction.

This diagonal tube steel is obviously connected to the vertical and horizontal steel adjacent and these are labs which require a fire-rating. Will these tube steel members need to receive any sort of fireproofing treatment (i.e. intumescent paint)? Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: Tom Beckett DATE: 7-11-06
DIAGONAL TUBE STEEL IS TO BE SANDBLASTED TO REMOVE RUST — EDGES GROUND FOR ARCHITECURAL EXPOSURE — RUST INHIBITIVE PRIMER. (SHOP) FINAL PRIME AND PAINT AS REQUIRED PER FINISH PAINTING SCHEDULE.

RFI # 000
Page 1

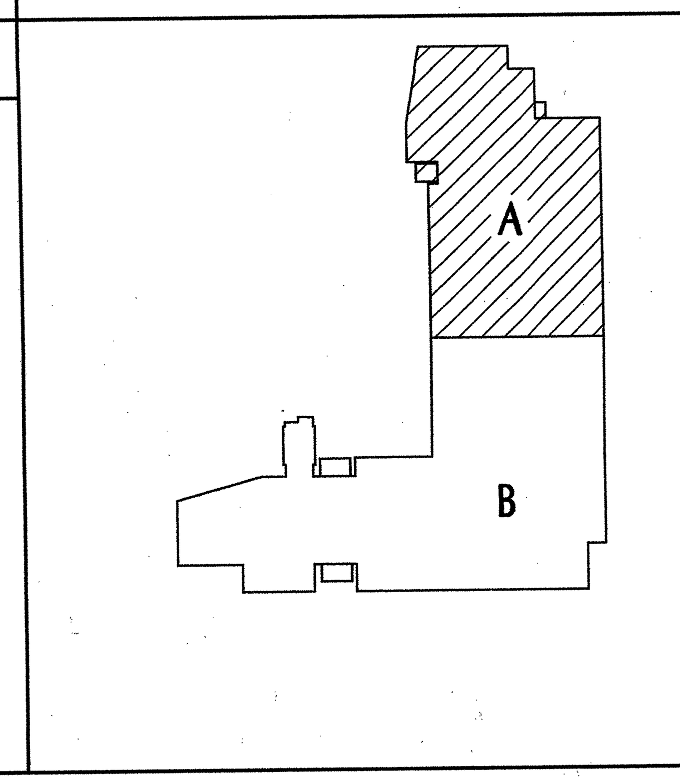


AREA REQUIRED FOR 1-HR OCCUPANCY SEPARATION

1ST FLOOR HORIZONTAL CONTROL PLAN PART "A" 1

SCALE: 1/8" = 1'-0"

KEY PLAN



GENERAL NOTES :

1. SEE CIVIL DRAWING "SCIENCE BUILDING CONTROL AND LAYOUT" SHEET C-1.13 FOR LOCATION OF PROJECT CONTROL LINES GRID LINES "A" AND "8.5"
2. NOMINAL FIRST FLOOR SLAB REFERENCE ELEVATION IS AT 0'-0", WHICH EQUALS BUILDING DATUM ELEVATION 73.30', SEE CIVIL DRAWING C-1.19 FOR FINAL ELEVATION

FIREPROOFING NOTES:

IN AREA (NOTED IN DIAGRAM ON A0-2) WHERE THE SECOND FLOOR DECK IS REQUIRED TO BE 1-HR RATED FOR OCCUPANCY SEPARATION, DECK SHALL BE CONSTRUCTED PER ICBO # ER-2018P.

PER CBC SECTIONS 302 AND 304.2
PROVIDE 1 HOUR SPRAY ON FIRE PROTECTION AT ALL STRUCTURAL STEEL BEAMS, GIRDERS, PURLINS, AND OTHER STRUCTURAL MEMBERS SUPPORTING THE 2ND FLOOR DECK AND ALL SUPPORTING STRUCTURAL STEEL COLUMNS AT THE 1ST FLOOR WITHIN THE EXTERIOR WALLS PER DIAGRAM ON A0-2 . SEE STRUCTURAL FIREPROOFING MATRIX.

STRUCTURAL FIREPROOFING MATRIX (PROTECTION FOR CONCEALED PRIMARY AND SECONDARY STRUCTURE)	RESTRAINED ASSEMBLY RATING (HR.)					UL DESIGN NO.	UNRESTRAINED ASSEMBLY RATING (HR.)				
	1	1½	2	3	4		1	1½	2	3	4
PROTECTED FLOOR/CEILING SYSTEMS FLUTED DECK/3-1/4" LW CONCRETE			●			D782			●		
UNPROTECTED FLOOR/CEILING SYSTEMS			●			D925, D917			●		
ROOF/CEILING SYSTEMS			●			D921			●		
BEAMS/JOISTS BEAM ONLY – FLOOR SYSTEMS			●			N706, N708, N782			●		
JOIST ONLY – FLOOR SYSTEMS	●					N736, N777	●				
BEAM ONLY – ROOF SYSTEMS			●			S735, S734			●		
JOIST ONLY – ROOF SYSTEMS	●					S728, S736	●				
COLUMNS W6x9 TO W14x730			●			X772, 4715			●		
W-SHAPED STEEL COLUMN FORMULA			●			X772			●		
TUBE AND PIPE COLUMNS			●			X771, 4710			●		

LEGEND

- CONCRETE CURB 4" H. X 6 1/2" W. U.O.N.
- -0'-3/4" DEPRESSION
- -0'-2 1/2" DEPRESSION
- -0'-4 1/2" DEPRESSION
- ELEVATION MARK FROM +/- (0'-0") 1ST FLOOR SLAB BUILDING DATUM EL. +73.3'
- FD OR TD — FLOOR DRAIN OR TRENCH DRAIN
- CHANGE OF ELEVATION ON TOP OF SLAB

tBP architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

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OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
FILE No. 7-C1
Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

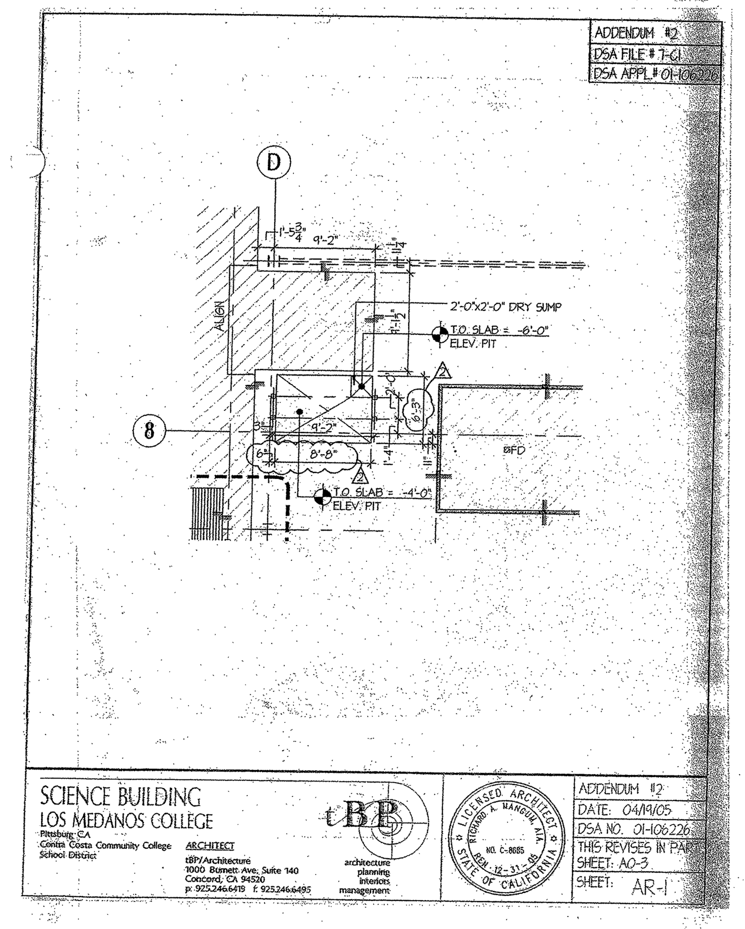
Contra Costa Community College District

tBP project number : 20241.00
file name: A-0.2.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
1ST FLOOR HORIZONTAL CONTROL PLAN PART "A"

LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:
A0-2



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Discrepancy in 1st floor horizontal control plan
RFI No: **107**
Reference (dwg, spec.): A0-3, A8-1
Subcontractor RFI#
Reply Requested By: 2/3/06

INFORMATION REQUESTED: Date: 1/27/06

See attached dimensional information addressing a discrepancy in the north south direction of the bathroom walls & curbs. The error may be in the chase thickness along the ... Please review and provide corrected dimensions to sheets A0-3 and A8-1 as needed.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 2/6/06

See future Bulletin 4B for clarification.

Attachments: By: Vanessa Lo

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	1/27/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

Justin: keep "open" until we see bulletin 4B

RFI # 000
Page 1

Per sheet A0-3: outside FOC to outside FOC = 17'-11 1/4"

Per sheet 4.02: corridor side wall thickness for type 6A wall = 5/8"; corridor side wall thickness for type 6 wall = 1 1/4"

Therefore, outside FOF to outside FOF = 12' - 1 1/8"

Per detail 3/A8-1: inside FOF on south to outside FOF on north = 12' - 5 1/2"

total wall thickness for type 6 wall = 7 1/2"

Therefore, outside FOF to outside FOF = 13' - 1 1/8"

The two FOF to FOF dimensions do not check with one another. They are off by 1' - 3/8".

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Discrepancy in 1st floor horizontal control plan
RFI No: **108**
Reference (dwg, spec.): A0-3, A8-1
Subcontractor RFI#
Reply Requested By: 2/3/06

INFORMATION REQUESTED: Date: 1/27/06

Per sheet A0-3, the inside FOC to inside FOC groove width for the restrooms along 8-line is 6'-11" plus 6'-0" for a total of 12'-11". Per detail 3/A8-1, the inside FOF to inside FOF width for the same alcove is ... for a total of 11'-0". The finish thickness for each wall is a total of 1 1/2" (a layer of 5/8" gyp on each wall). Therefore, there is over a 1 foot discrepancy in the dimensions. Please provide corrected dimensions to sheets A0-3 and A8-1 as needed.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 2/6/06

See future Bulletin 4B for clarification.

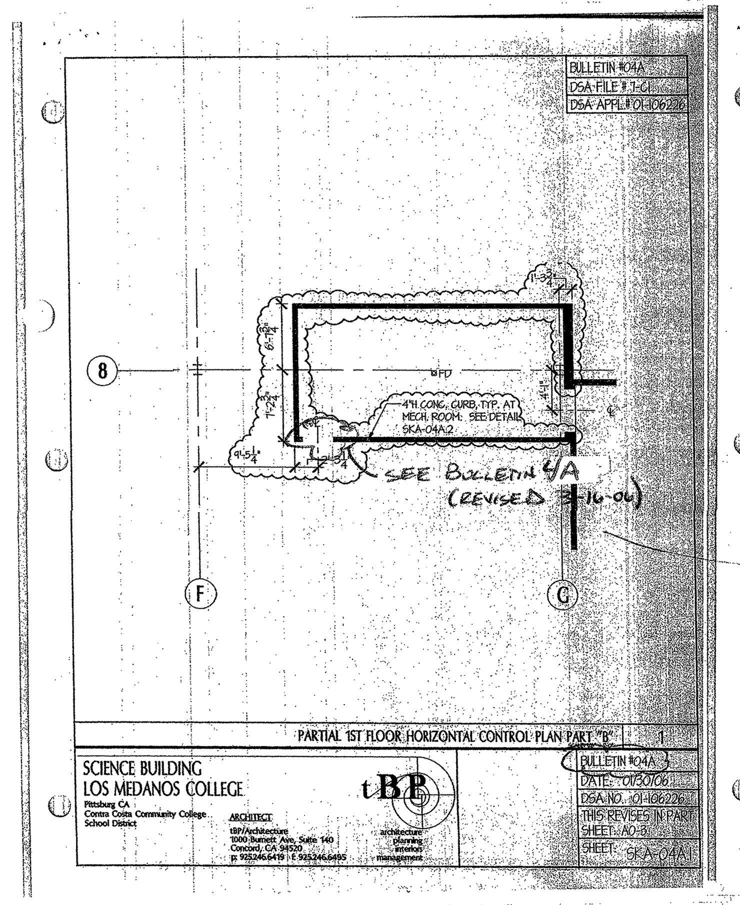
Attachments: By: Vanessa Lo

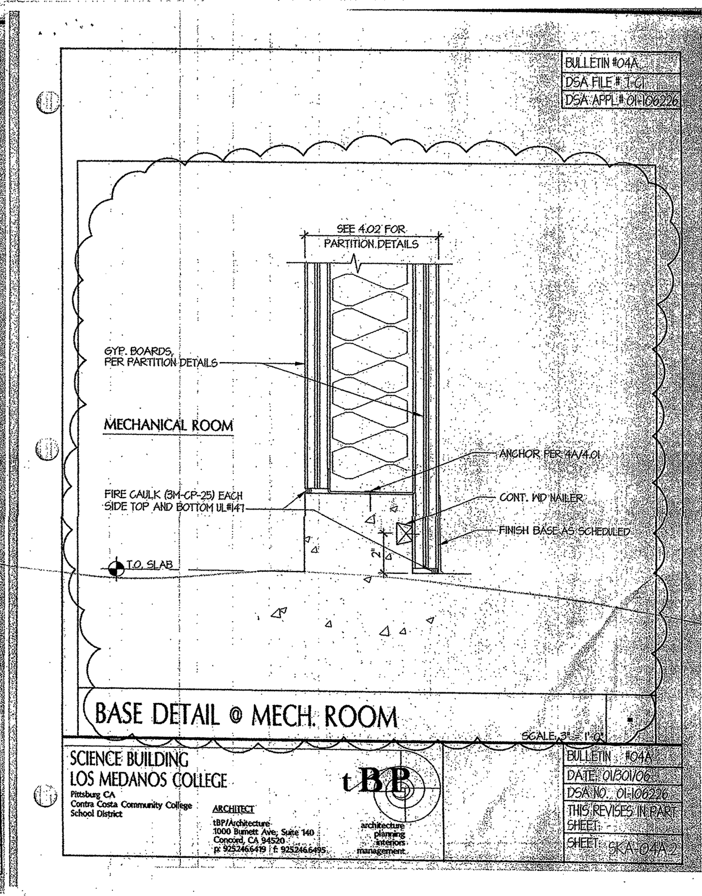
TRANSMITTAL RECORD:

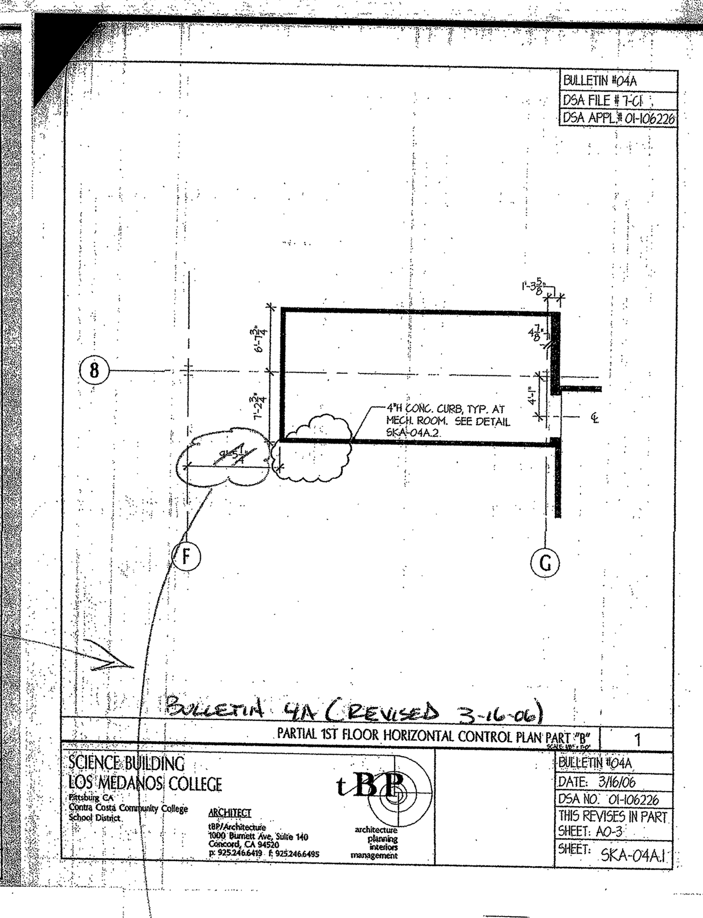
FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	1/27/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

Justin: keep "open" until we see bulletin

RFI # 000
Page 1







S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: SOG Section B depressed slabs
RFI No: **182**
Reference (dwg, spec.): A0-3
Subcontractor RFI:
Reply Requested By: 3/14/06

INFORMATION REQUESTED: Date: 3/7/06

On sheet A0-3 a very large area of 2 ½" depressed slab is shown from A-line to just shy of D-line with a section extend past D-line down the corridor. In this area of depressed slab there are areas at each main entry door where ¾" depression is shown for floor mats and there is also a perimeter area on the north, west and south sides of the auto-tutorial center for casework that is NOT depressed.
SJA would like to, in placing SOG concrete, depress this ENTIRE area 2 ½". The ¾" depressed areas for floor mats and the undepressed area for casework would be handled at a later time with grout. This allows two things. First, better control and alignment. Second, there will be RFI's to follow regarding the casework which may change the footprint of the undepressed area. By grouting later, there is more time to resolve these issues.
Is this acceptable?

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

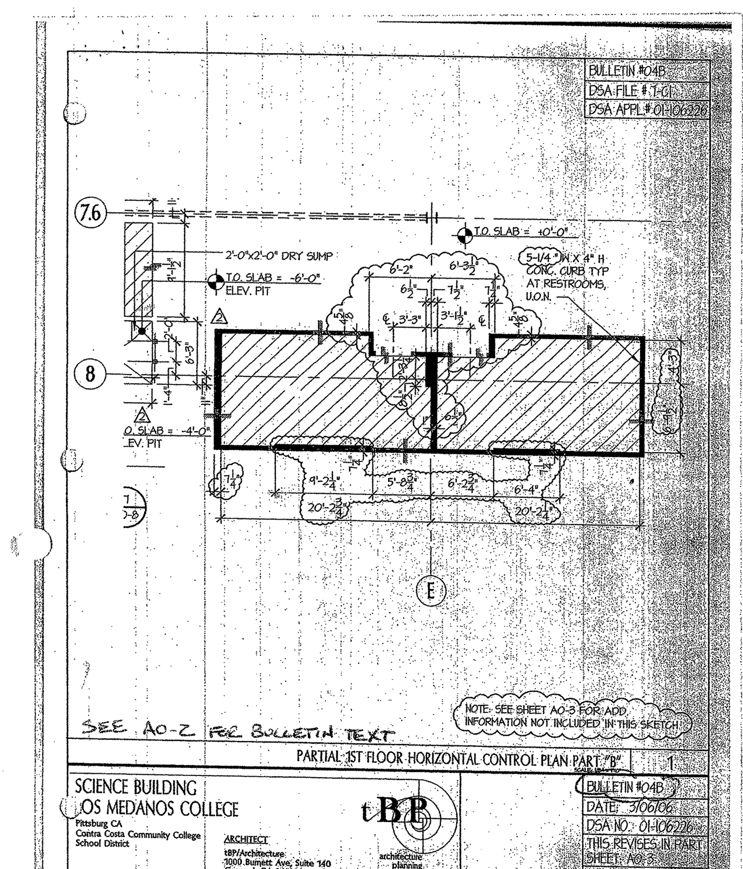
RESPONSE: We take no exception to the suggested solution to depress the area of the Lobby 101 and AT Center to 2 1/2" below +0'-0" at this time. Contractor to provide grouting procedure at later date. DATE: 3.08.06

Attachments: By: C. Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	3/2/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	3.08.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.:
RFI No: **189**
Reference (dwg, spec.): A1-2, Bulletin 4B, RFI 121
Subcontractor RFI:
Reply Requested By: 3/27/06

INFORMATION REQUESTED: Date: 3/20/06

Bulletin 4A added curbs to the mechanical room and located the curb for the western wall of the mechanical room with a F.O.C. dimension of 9'-5 ¼" east of F-line. Bulletin 4A, sketch 04A.2, clarifies the gypsum board configuration such that now 2 layers of sheet rock run past face of curb so that F.O.F. would now be 9'-4" east of F-line. However, RFI 121 puts this F.O.F. at 9'- 3 ¼" east of F-line for a difference of ¾" inch. Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 3.22.06

Revise outside face of curb at west wall of Mech. Room to 9'-4 1/2" east of F-line per attached revised sketch SKA-04A.1R.

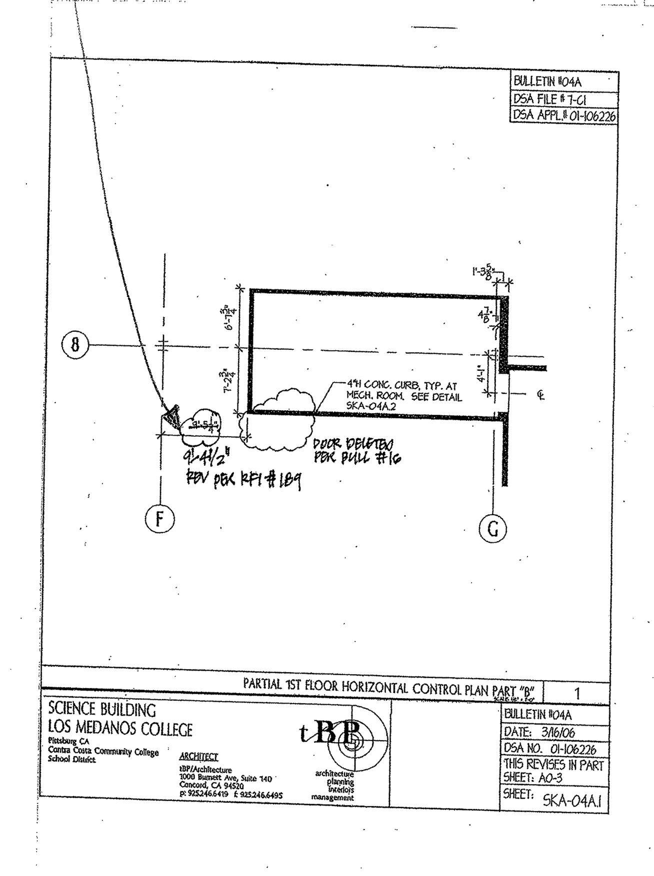
Attachments: By: C. Chiang/tBP

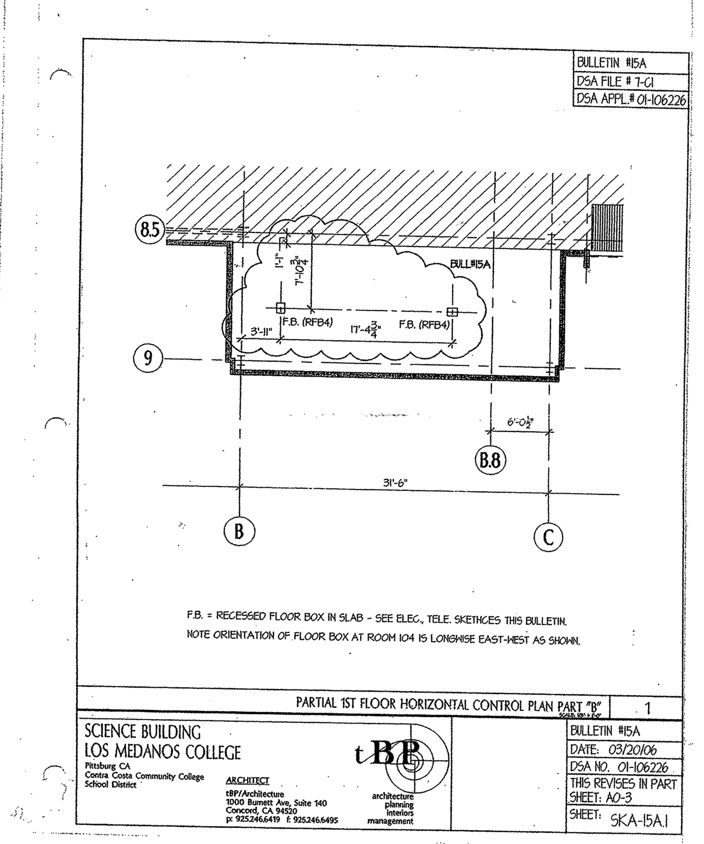
TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	~~3/13/06~~ 3.21.06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	3.22.06
S.J. AMOROSO	ORIGINATOR	

: Concord
: MEP subs
: Miguel

RFI # 000
Page 1





S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Trench in floor without trench duct
RFI No: **168**
Reference (dwg, spec.): A0-3
Subcontractor RFI:
Reply Requested By: 3/7/06

INFORMATION REQUESTED: Date: 3/1/06

On sheet A0-3, a 5" x 6" trench is shown in the slab but no provisions have been made for a cover for this trench. This trench will be exposed in areas not covered by lab casework. SJA will cast the slab with the trench as shown. Please provide direction on a cover or trench duct assembly for this area.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 3.15.06

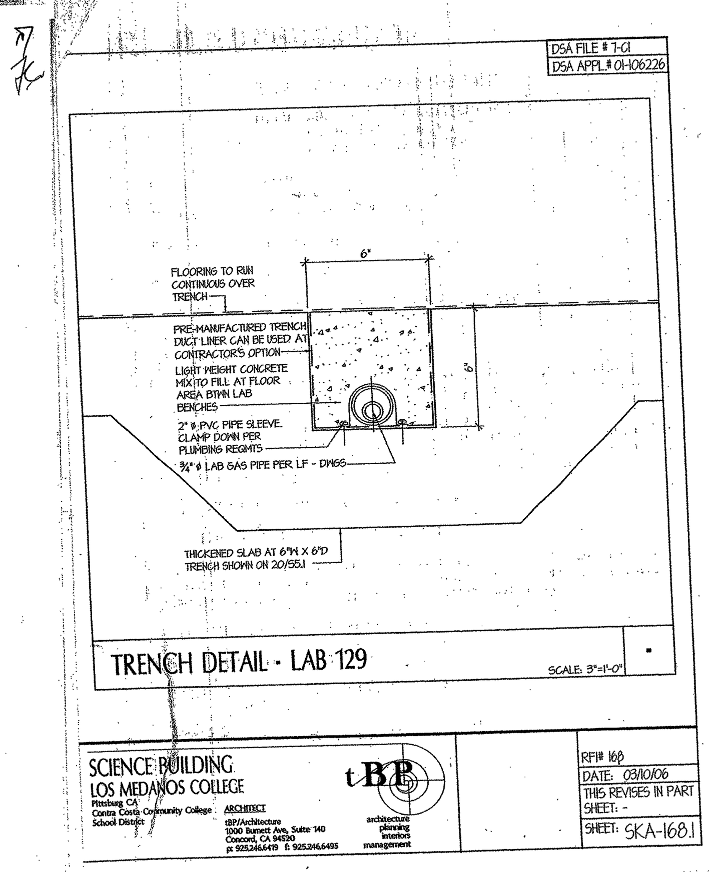
See attached sketch SKA-168 for trench duct detail and attached partial plan for hatched areas to be filled between bench chases at lab 129.

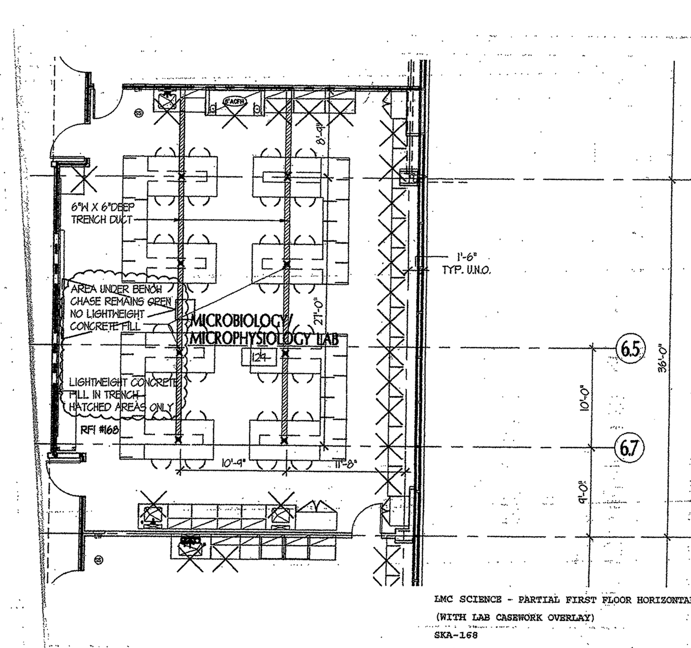
Attachments: By: C. Chiang/tBP

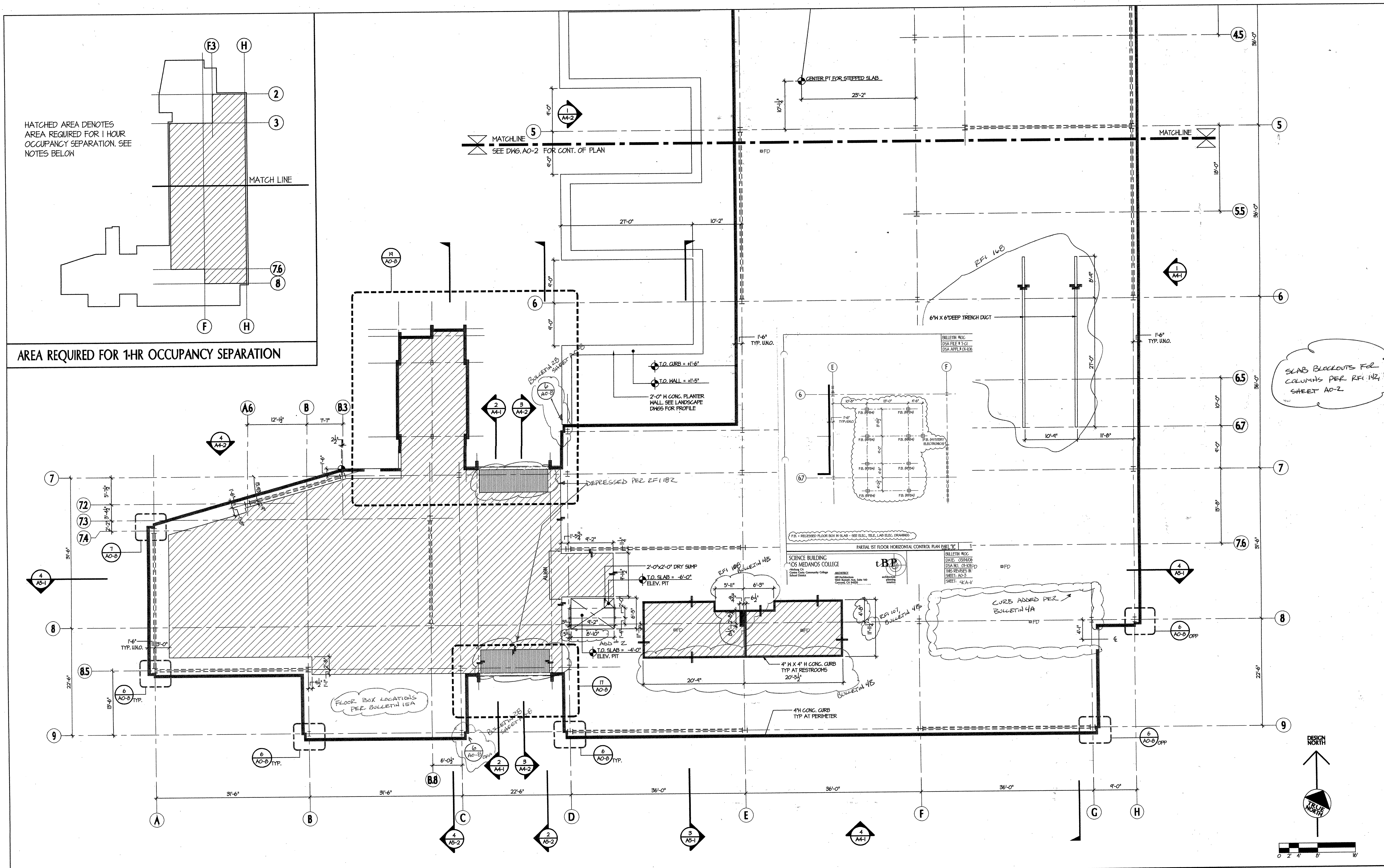
TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	2/28/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	3.15.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1





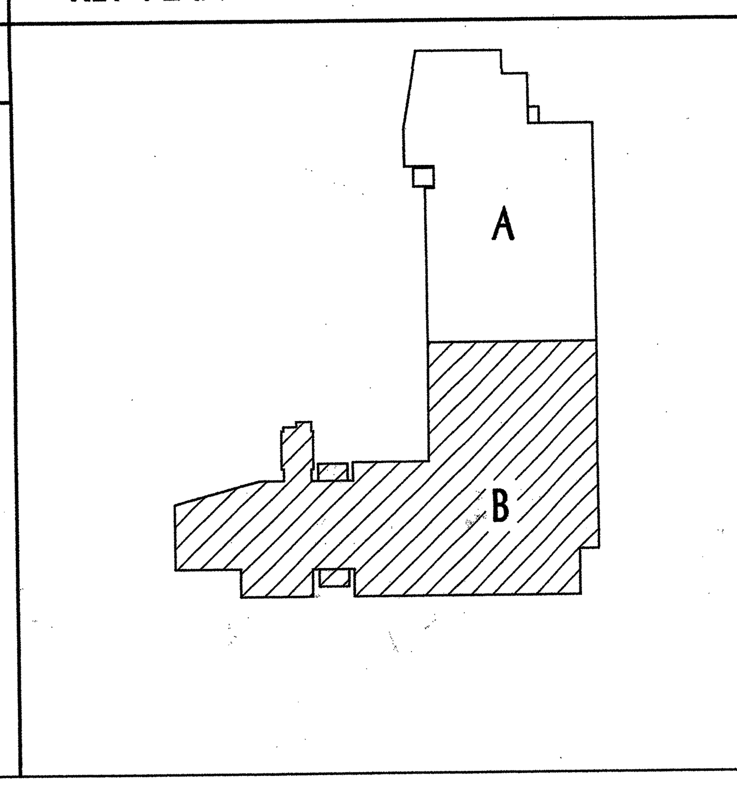


1ST FLOOR HORIZONTAL CONTROL PLAN PART "B"

SCALE: 1/8" = 1'-0"

1

KEY PLAN



GENERAL NOTES :

1. SEE CIVIL DRAWING "SCIENCE BUILDING CONTROL AND LAYOUT" SHEET C-1.13 FOR LOCATION OF PROJECT CONTROL LINES GRID LINES "A" AND "8.5"
2. NOMINAL FIRST FLOOR SLAB REFERENCE ELEVATION IS AT 0'-0", WHICH EQUALS BUILDING DATUM ELEVATION 73.30', SEE CIVIL DRAWING C-1.19 FOR FINAL ELEVATION

FIREPROOFING NOTES:

SEE RFI A0-2 FOR RFI 281

IN AREA (NOTED IN DIAGRAM ON A0-2) WHERE THE SECOND FLOOR DECK IS REQUIRED TO BE 1-HR RATED FOR OCCUPANCY SEPARATION, DECK SHALL BE CONSTRUCTED PER ICBO # ER-2078P.

PER CBC SECTIONS 302 AND 304.2
PROVIDE 1 HOUR SPRAY ON FIRE PROTECTION AT ALL STRUCTURAL STEEL BEAMS, GIRDERS, PURLINS, AND OTHER STRUCTURAL MEMBERS SUPPORTING THE 2ND FLOOR DECK AND ALL SUPPORTING STRUCTURAL STEEL COLUMNS AT THE 1ST FLOOR WITHIN THE EXTERIOR WALLS PER DIAGRAM ON A0-2 . SEE STRUCTURAL FIREPROOFING MATRIX.

STRUCTURAL FIREPROOFING MATRIX (PROTECTION FOR CONCEALED PRIMARY AND SECONDARY STRUCTURE)	RESTRAINED ASSEMBLY RATING (HR.)					UL DESIGN NO.	UNRESTRAINED ASSEMBLY RATING (HR.)				
	1	1½	2	3	4		1	1½	2	3	4
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UNPROTECTED FLOOR/CEILING SYSTEMS			●			D925, D917			●		
ROOF/CEILING SYSTEMS			●			D921			●		
BEAMS/JOISTS BEAM ONLY – FLOOR SYSTEMS			●			N706, N708, N782			●		
JOIST ONLY – FLOOR SYSTEMS	●					N736, N777	●				
BEAM ONLY – ROOF SYSTEMS			●			S735, S734			●		
JOIST ONLY – ROOF SYSTEMS	●					S728, S736	●				
COLUMNS W6x9 TO W14x730			●			X772, 4715			●		
W-SHAPED STEEL COLUMN FORMULA			●			X772			●		
TUBE AND PIPE COLUMNS			●			X771, 4710			●		

LEGEND

(solid)	CONCRETE CURB 4" H. X 6 1/2" W. U.O.N.
(vertical hatch)	-0'-3/4" DEPRESSION
(diagonal hatch)	-0'-2 1/2" DEPRESSION
(cross hatch)	-0'-4 1/2" DEPRESSION
(elevation mark)	ELEVATION MARK FROM +/- (0'-0") 1ST FLOOR SLAB BUILDING DATUM EL. +73.3'
FD OR TD	FLOOR DRAIN OR TRENCH DRAIN
OR	CHANGE OF ELEVATION ON TOP OF SLAB

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SCIENCE BUILDING
LOS MEDANOS COLLEGE

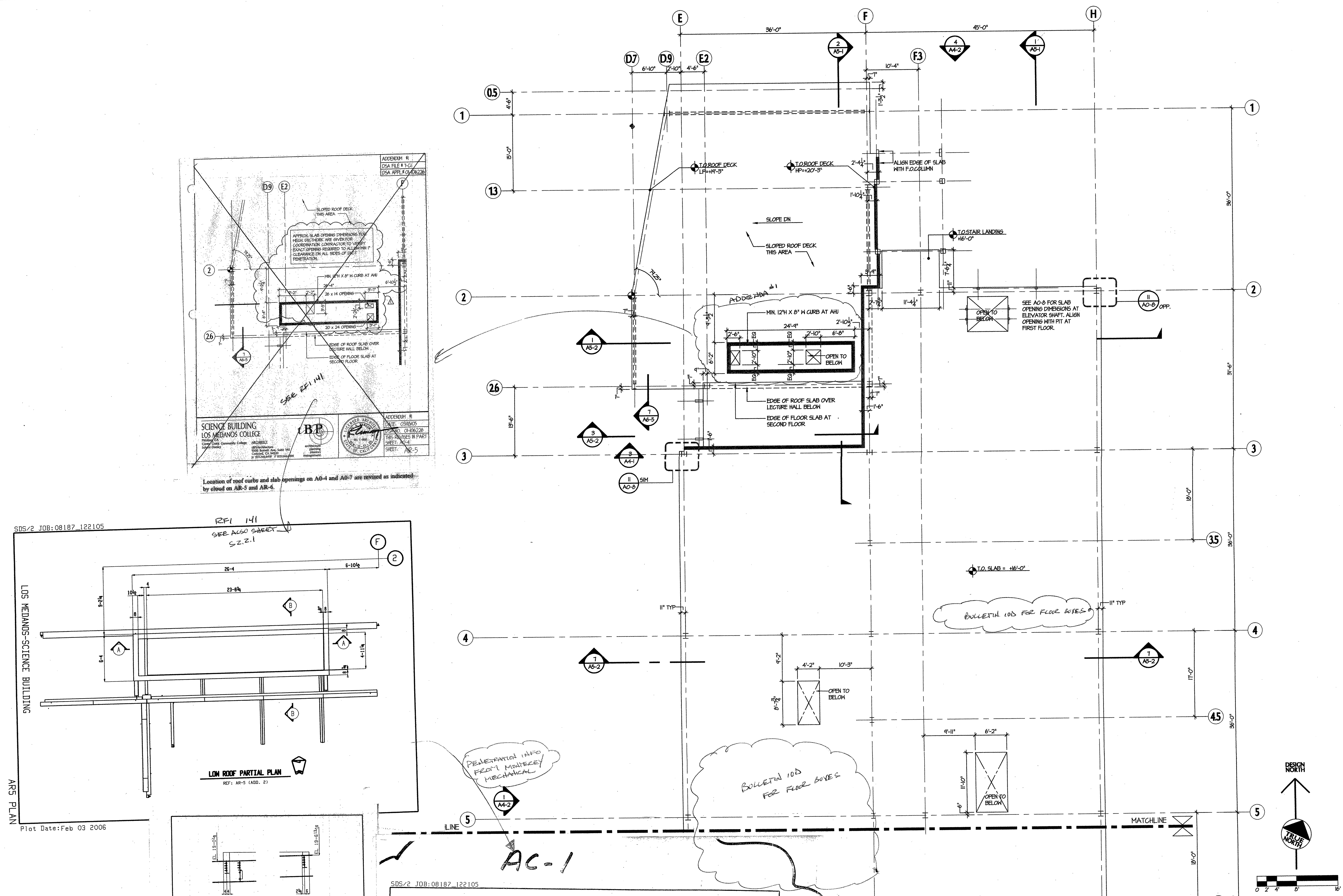
Contra Costa Community College District

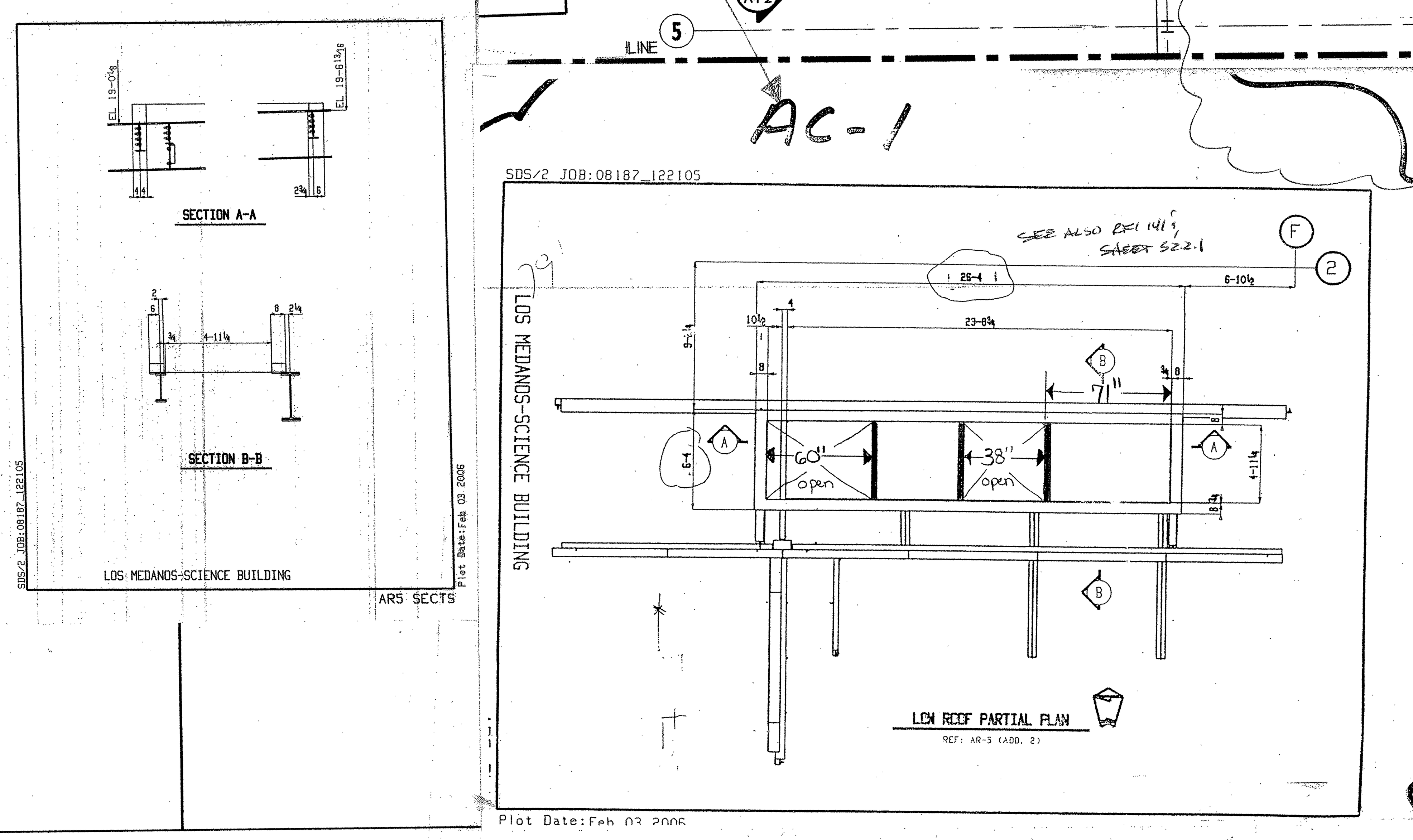
tBP project number : 20241.00
file name: A-O.2.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
1ST FLOOR HORIZONTAL CONTROL PLAN PART "B"

LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:
A0-3





GENERAL NOTES :

1. SEE CIVIL DRAWING "SCIENCE BUILDING CONTROL AND LAYOUT" SHEET C-1.13 FOR LOCATION OF PROJECT CONTROL LINES GRID LINES "A" AND "8.5"
2. NOMINAL FIRST FLOOR SLAB REFERENCE ELEVATION IS AT 0'-0", WHICH EQUALS BUILDING DATUM ELEVATION 73.30', SEE CIVIL DRAWING C-1.19 FOR FINAL ELEVATION

R HORIZONTAL CONTROL PLAN PART "A" — SCALE: 1/8" = 1'-0" — 1

LEGEND

- CONCRETE CURB 4" H. X 6 1/2" W. U.O.N.
- -0"-3/4" DEPRESSION
- -0"-2 1/2" DEPRESSION
- -0"-4 1/2" DEPRESSION
- ELEVATION MARK FROM +/- (0'-0") 1ST FLOOR SLAB BUILDING DATUM EL. +73.3'
- FD OR TD — FLOOR DRAIN OR TRENCH DRAIN
- CHANGE OF ELEVATION ON TOP OF SLAB

KEY PLAN

A
B

tBP architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p. 925.246.6419 f. 925.246.6495

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OFFICE OF REGULATION SERVICES
APP. NO. 01-106228

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p. 415-396-9500 f.

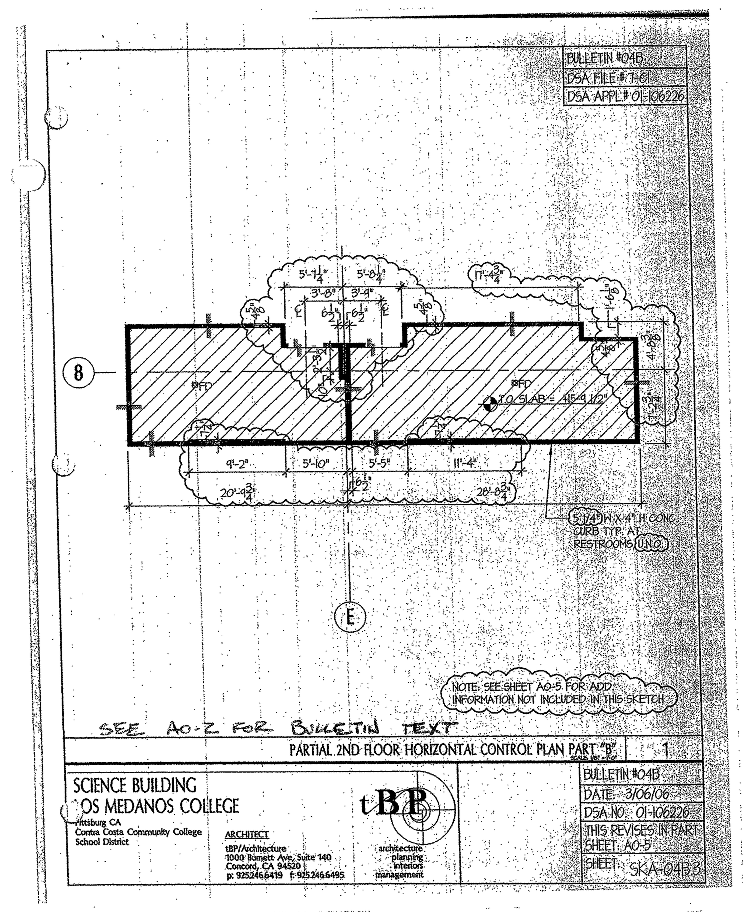
SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number : 20247.00
file name: A-02.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
2ND FLOOR HORIZONTAL CONTROL PLAN PART "A"

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
A0-4



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Revision of depressed floor area on 2nd floor **RFI No:** **263**

Reference (dwg, spec.) : A 0-5 Subcontractor RFI:

Reply Requested By: 6/28/06

INFORMATION REQUESTED: **Date:** 6/22/06

In order to resolve layout of the metal decking, SJA proposes modifying the depressed flooring area on the 2nd floor slightly. As discussed, SJA would, at no cost, add curbs along the perimeter of the building at 7-line and 8.5 line per the attached sketch. Coordination with access flooring would be SJA's responsibility. Please confirm that this is acceptable.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Bryan Newman

RESPONSE: **DATE:**
"No EXCEPTION TAKEN" to the proposed of modifying the depressed floor on the area noted above. No additional cost to owner shall apply to any related coordination and revision regarding to this modification.
Vanessa Ling/tBP
6/22/06

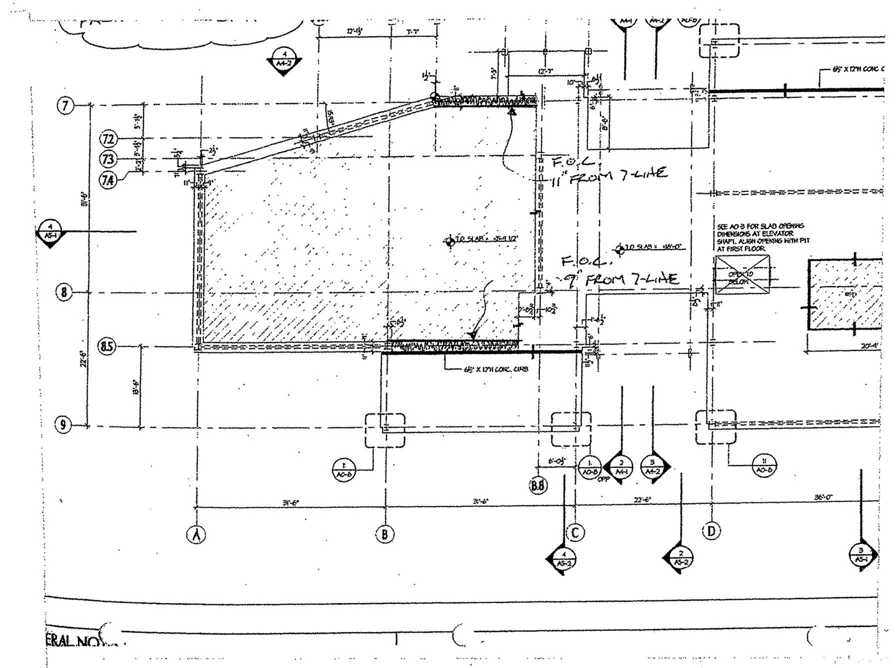
Attachments:
By:

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	6/21/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

CC: SUMMIT
: EW SCOTT

RFI # 000
Page 1



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Wall Duct to Access Floor **RFI No:** **425**

Reference (dwg, spec.): SKE-15B-1, Bulletin 15B Subcontractor RFI: EWS 59

Reply Requested By: 11/16/06

INFORMATION REQUESTED: **Date:** 11/9/06

Please note the attached EWS RFI No. 59 regarding Note 31 on SKE-15-B which calls for a wall duct to access flooring. There is a 2-1/2" curb at this location with rebar. Would it be acceptable to install a sweep vertical riser at this location. This would allow access from the wall duct to the raised floor. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:**

This would pose a trip hazard if stuck out from wall. 1
Instead, bush out concrete and omit rebar down to depressed slab level at the area for the wall duct. (approx 4" x 12")

Jim Weaver
tBP Architecture

RFI # 000
Page 1

EDWARD W. SCOTT ELECTRIC CO., INC.
435 HARRIET STREET
San Francisco, CA 94103-4914
Phone: (415) 626-0701 Fax: (415) 626-2837

REQUEST FOR INFORMATION

PROJECT: LMC SCIENCE BLDG. R.F.I.# 59 R.F.I. Date 11/8/06
JOB: 2451 ACTUAL REPLY DATE

TO: MARK DELGADO
OF: AMOROSO CONST.
REF: DWG: BULL.15B/SKE-15B-1
LOCATION: ROOM 203

POTENTIAL COST IMPACT
X COST
___ OTHER
___ NO IMPACT
___ SCHEDULE
X LABOR
X MATERIAL

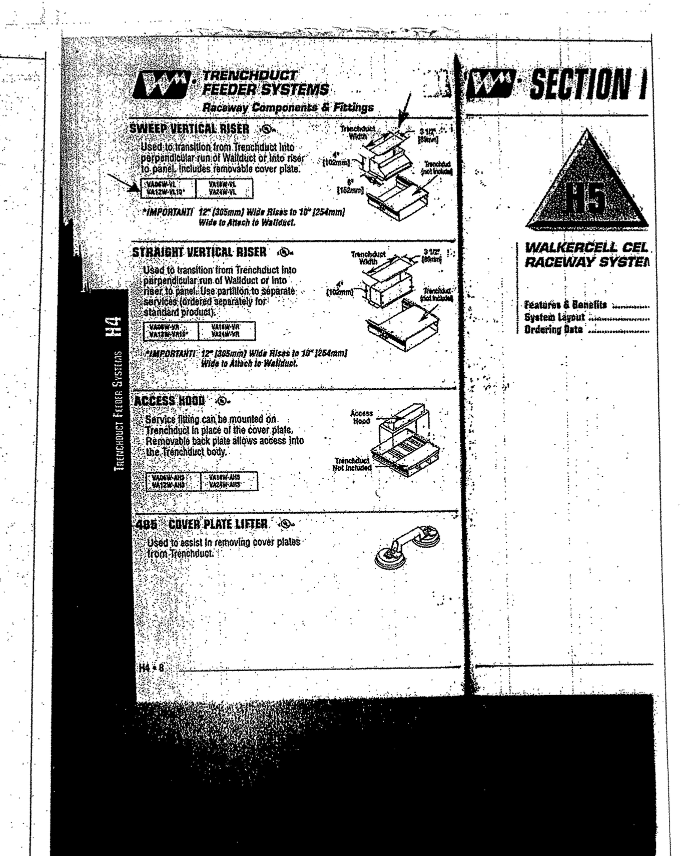
INFORMATION REQUESTED: NOTE 31 ON SKE-15-B CALL FOR WALL DUCT TO ACCESS FLOOR. THERE IS A 2 1/2" CURB @ THIS LOCATION W/ REBAR REINFORCEMENT. WOULD IT BE ACCEPTABLE TO INSTALL SWEEP VERTICAL RISER @ THIS LOCATION? THIS WOULD ALLOW ACCESS FROM THE WALL DUCT TO THE RAISED FLOOR.

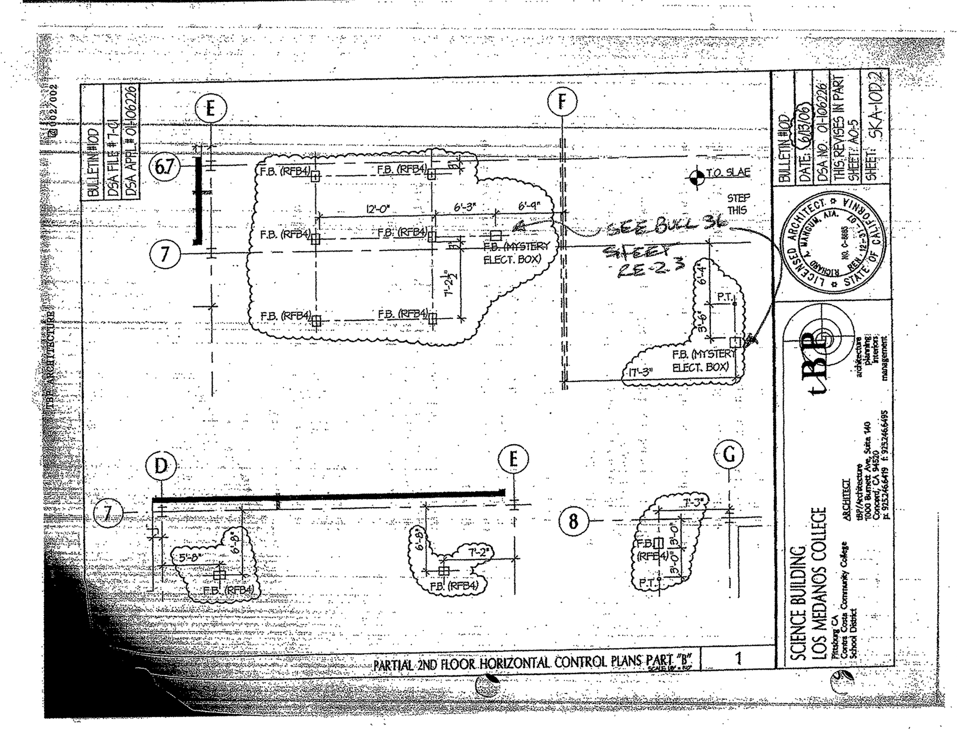
REPLY REQUIRED BY: 11/15/06 SIGNED:
NOTE: IF NO REPLY IS RECEIVED BY US BY THE ABOVE NOTED DATE, A TIME EXTENSION WILL BE REQUIRED WITH POSSIBLE COST IMPACTS.

RESPONSE:

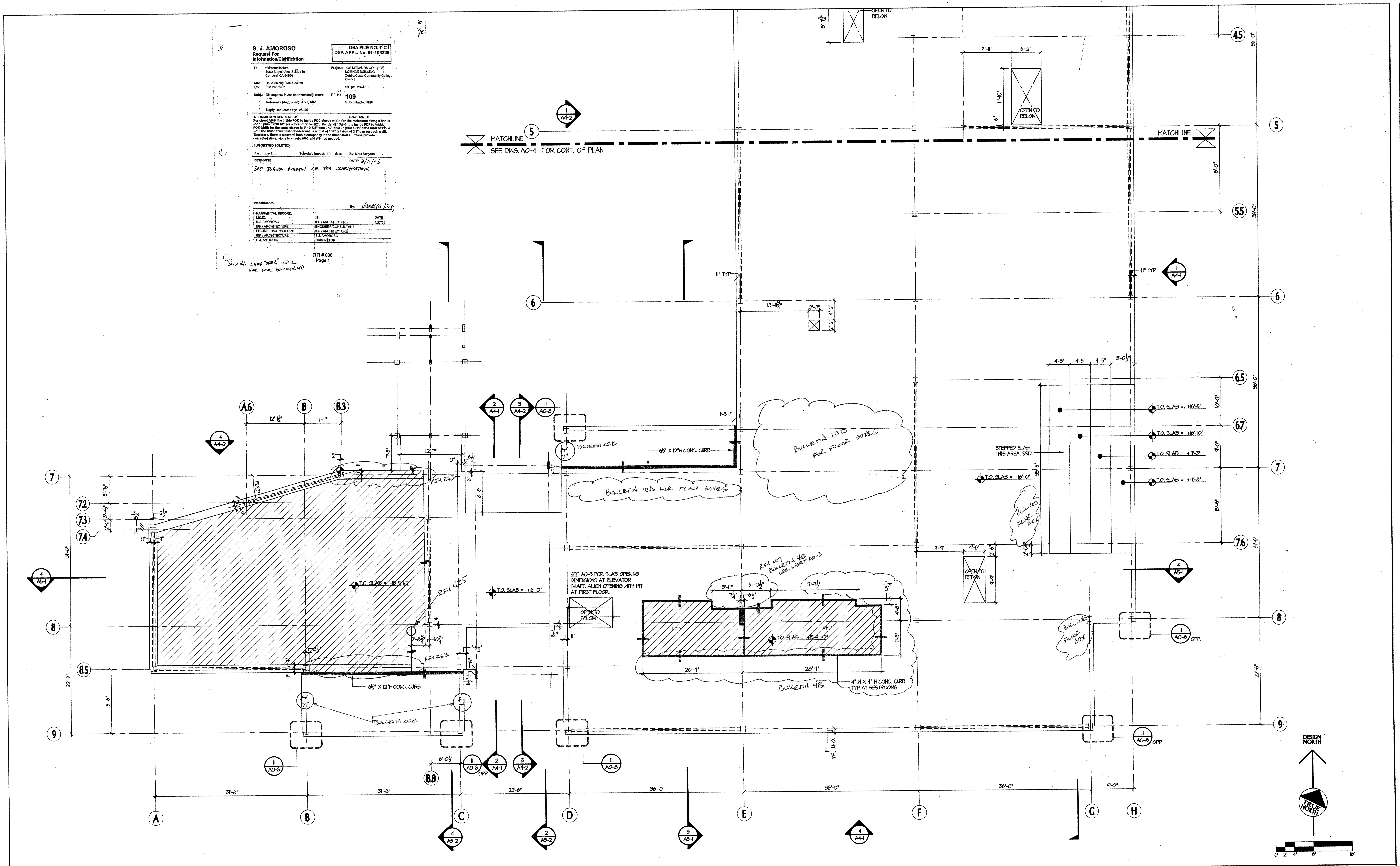
DATED: SIGNED:

INDUSTRIAL, COMMERCIAL WIRING & DESIGN
STATE CONTRACTOR LICENSE NO. 190426
RFIDOC.99





Los Medanos College
4CD Proj. #: L-565-8-23-SC
Science Building



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00

Subj.: Discrepancy in 2nd floor horizontal control plan
Reference (dwg, spec): A0-5, A8-1

RFI No: 109
Subcontractor RFI#

Reply Requested By: 2/3/06

INFORMATION REQUESTED: Date: 1/27/06
Per sheet A0-5, the inside FOC to inside FOC alcove width for the restrooms along 8-line is 5'-11" plus 5'-10 1/2" for a total of 11'-9 1/2". Per detail 1/A8-1, the inside FOF to inside FOF width for the same alcove is 4'-10 3/4" plus 9 ¾" plus 9" plus 4'-11" for a total of 11'-4 ½". The finish thickness for each wall is a total of 1 ¼" (a layer of 5/8" gyp on each wall). Therefore, there is a several inch discrepancy in the dimensions. Please provide corrected dimensions to sheets A0-3 and A8-1 as needed.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 2/6/06
SEE FUTURE BULLETIN 4B FOR CLARIFICATION.

Attachments:
By: Vanessa Ling

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	1/27/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

JUSTIN: KEEP "OPEN" UNTIL WE SEE BULLETIN 4B

GENERAL NOTES :

1. SEE CIVIL DRAWING "SCIENCE BUILDING CONTROL AND LAYOUT" SHEET C-1.13 FOR LOCATION OF PROJECT CONTROL LINES GRID LINES "A" AND "8.5"
2. NOMINAL FIRST FLOOR SLAB REFERENCE ELEVATION IS AT 0'-0", WHICH EQUALS BUILDING DATUM ELEVATION 73.30', SEE CIVIL DRAWING C-1.19 FOR FINAL ELEVATION

Bulletin No.25B

tBP Architecture Planning Interiors Management

Date: April 7, 2006
To: S.J. Amoroso Construction, 390 Bridge Parkway, Redwood shores CA 94065
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District, DSA No. 01-106226; File # 7-C1, tBP P/N 20247.00

Description: REFERENCE: Sheets A0-5, A0-8, Submittal #22.1:

Dimension of edge of deck in three locations of second floor (at low roofs) is revised, to accommodate typical parapet stud bypass per detail 2/7.01. Refer attached partial plan from Submittal #22.1 Sheet E2 2nd floor framing plan part B.

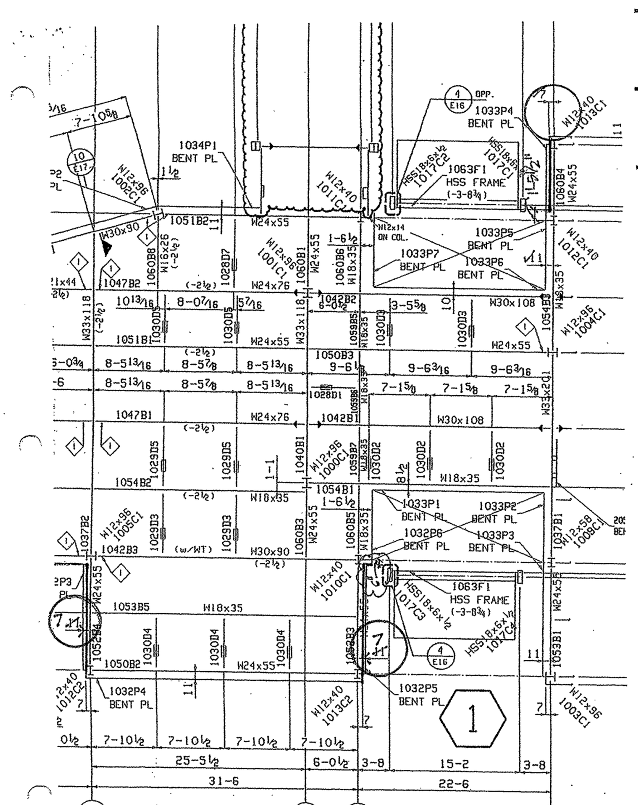
Issued By: Architect
Requested By: Architect, Owner
Reason: Revision to neutralizing tank
Enclosures: Partial plan from sheet E2, Submittal #22.1

Distribution:

Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

Action:
☒ For Information/Clarification only
☐ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
☐ Requires DSA review and approval
☒ Proceed as authorized by District

CC: ROSCOE
: PACIFIC ERECTORS
: CONCORD DRYWALL
: MIGUEL



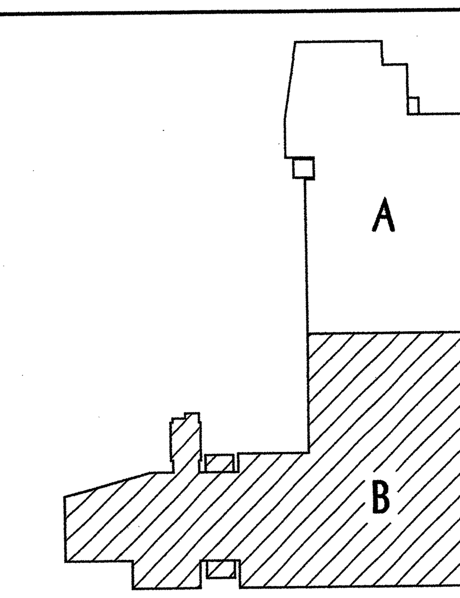
SUBMITTAL #22.1 / SHEET E2

2ND FLOOR HORIZONTAL CONTROL PLAN PART "B" 1
SCALE: 1/8" = 1'-0"

LEGEND

CONCRETE CURB 4" H. X 6 1/2" H. U.O.N.
-0'-3/4" DEPRESSION
-0'-2 1/2" DEPRESSION
-0'-4 1/2" DEPRESSION
ELEVATION MARK FROM +/- (0'-0") 1ST FLOOR SLAB BUILDING DATUM EL. +73.3'
FD OR TD FLOOR DRAIN OR TRENCH DRAIN
OR CHANGE OF ELEVATION ON TOP OF SLAB

KEY PLAN



tBP architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

IDENTIFICATION STAMP
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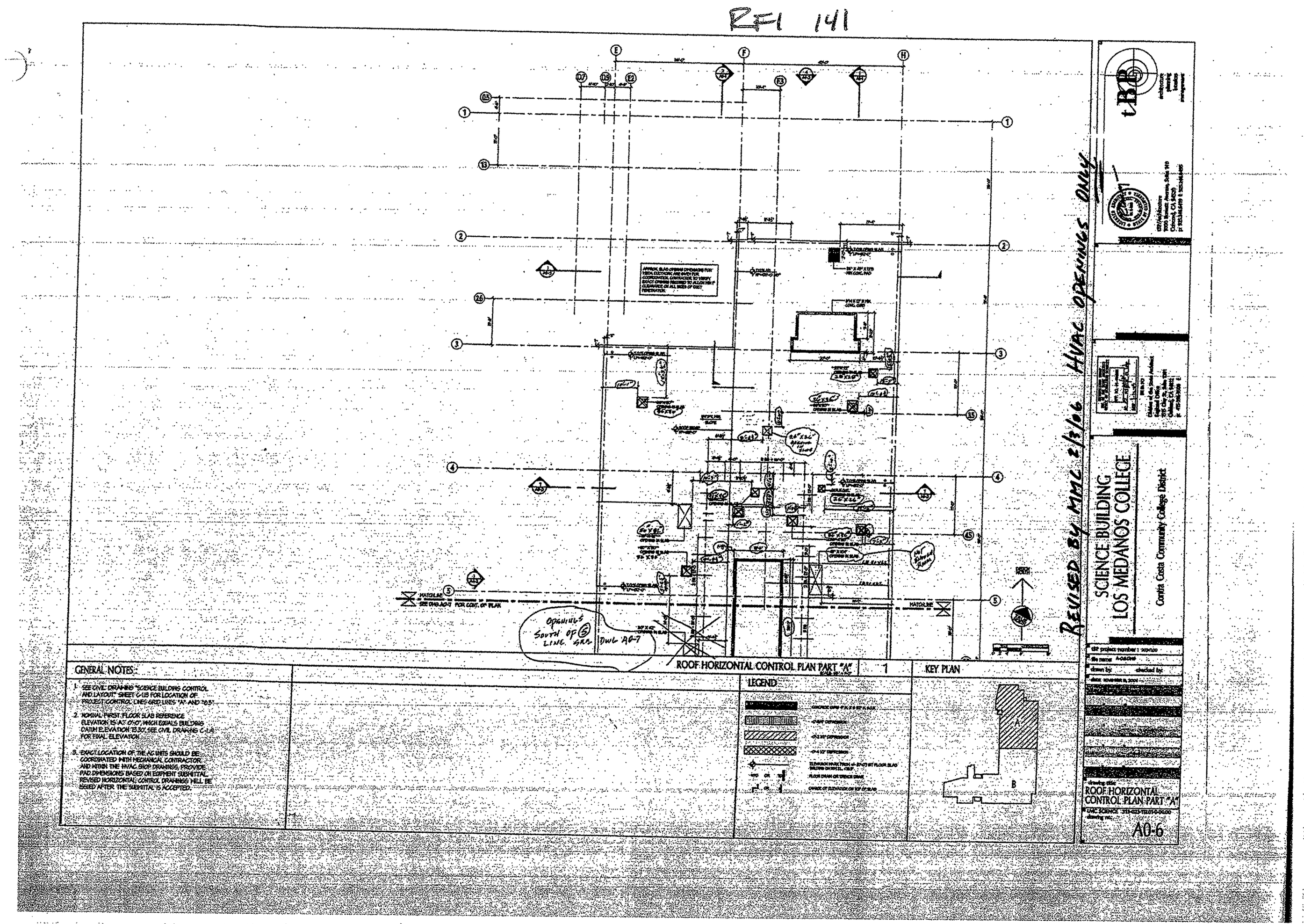
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226

Division of the State Architect
Regional Office
1515 Clay St, Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Contra Costa Community College District

tBP project number: 20247.00
file name: A-05.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
2ND FLOOR HORIZONTAL CONTROL PLAN PART "B"
LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:
A0-5



Bulletin No.01

Date: January 4, 2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: **LOS MEDANOS COLLEGE SCIENCE BUILDING**
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: A0-6, A3-1, A3-2 M3.1:

Revision to Roof Horizontal Control Plan A0-6 and Mechanical Roof Plan M3.1 to show revised supply air drops from AHU-2 to ORGANIC CHEMISTRY LAB 235 below. Note that slab openings on horizontal control roof plan are given for coordination. Contractor to verify exact opening required to allow minimum 1" clearance on all sides of duct penetration.

Add general note on sheets A3-1 and A3-2 "Mechanical layout shown on roof plans for reference only, see M3.1 for mechanical roof layout"

Issued By: Architect

Requested By: Architect

Reason: Coordination of duct penetrations

Enclosures: SKA-01.1, SKM-01.1

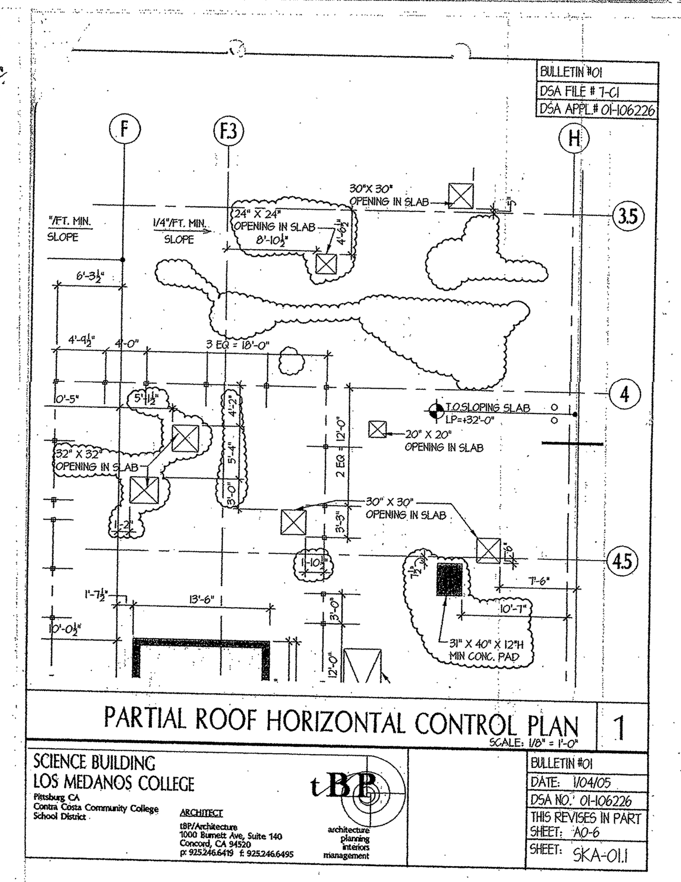
Distribution:

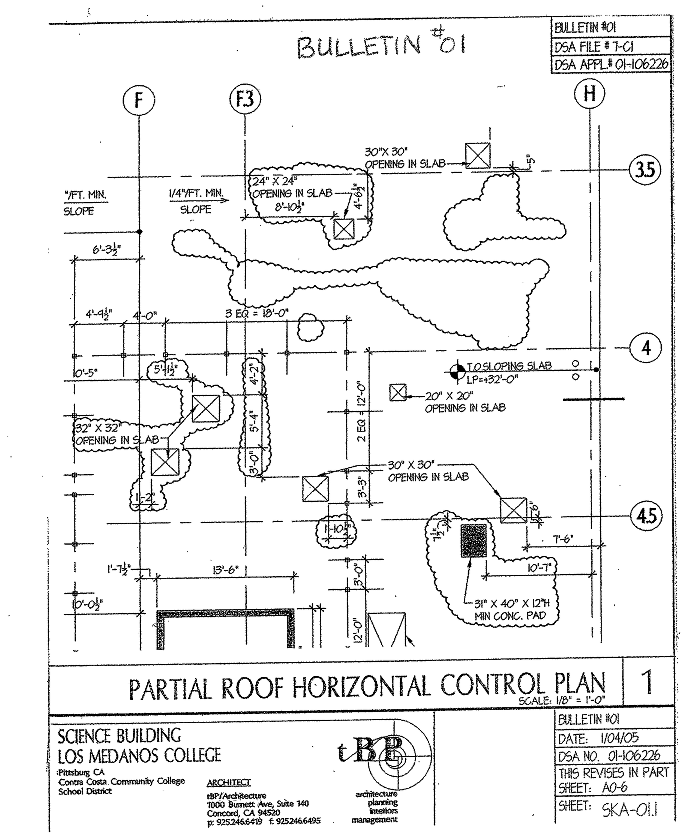
Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

Action:
- ☒ For Information/Clarification only
- ☐ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☐ Requires DSA review and approval
- ☐ Proceed as authorized by District

CC: MONTEREY
: ROSCOE
: WESTERN ROOFING

tBP/Architecture. 1000 Burnett Ave. Suite 140 . Concord, CA. 94520 . ph: 925.246.6419 . fax: 925.246.6495





S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00

Subj.: Concrete pad for EF1, EF2 and EF3
RFI No: 283
Reference (dwg, spec.) : A0-6
Subcontractor RFI:
Reply Requested By: 7/18/06

INFORMATION REQUESTED: Date: 7/11/06

In confirming needs of HVAC equipment prior to forming and placing concrete curbs on the roof as shown on sheets A0-6 and A0-7, it has come to our attention that the curb shown just north of 3-line for EF1, EF2 and EF3 needs to be constructed as a 12" thick PAD, not a curb. See attached sketch with dimensional information provided by Monterey Mechanical. Note that with the slope of the roof and the pad being flat, the actual thickness of the pad will be a net minimum of 12" with several inches of additional thickness towards the roof low point.

Will the weight of this pad be a structural issue for the roof? If it is, a possible solution is to construct the pad with foam "infill" in lieu of solid concrete. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

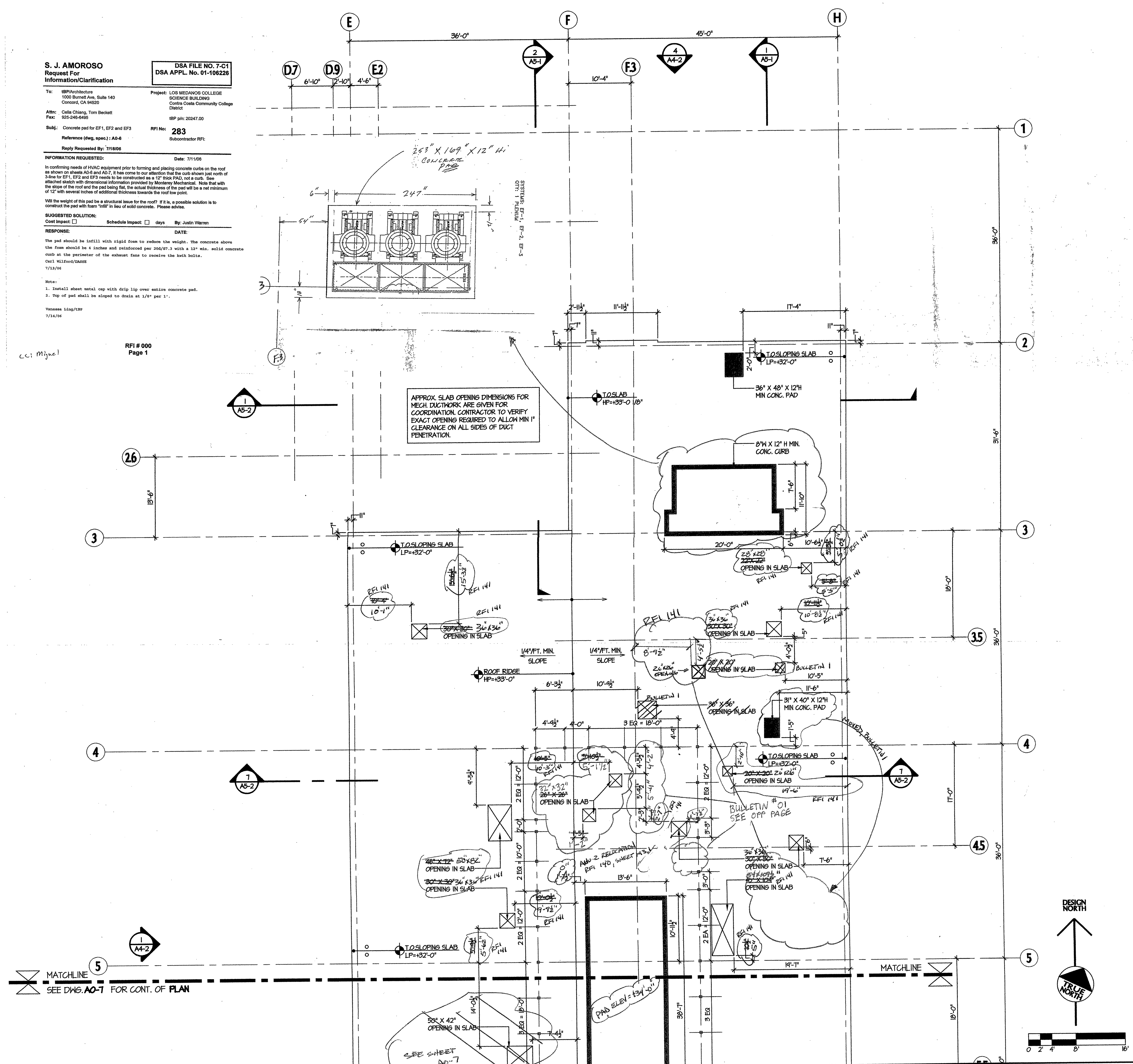
The pad should be infill with rigid foam to reduce the weight. The concrete above the foam should be 4 inches and reinforced per 20d/S7.3 with a 12" min. solid concrete curb at the perimeter of the exhaust fans to receive the kwik bolts.
Carl Wilford/DASSE
7/13/06

Note:
1. Install sheet metal cap with drip lip over entire concrete pad.
2. Top of pad shall be sloped to drain at 1/8" per 1'.

Vanessa Ling/tBP
7/14/06

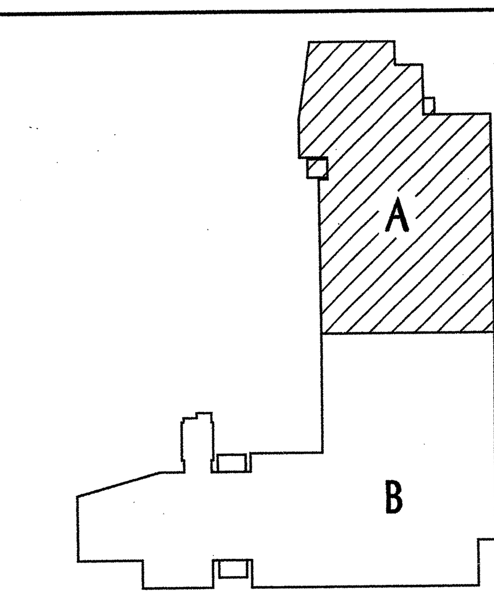
cc: Miguel

RFI # 000
Page 1



ROOF HORIZONTAL CONTROL PLAN PART "A" 1
SCALE: 1/8" = 1'-0"

KEY PLAN



GENERAL NOTES :

1. SEE CIVIL DRAWING "SCIENCE BUILDING CONTROL AND LAYOUT" SHEET C-1.13 FOR LOCATION OF PROJECT CONTROL LINES GRID LINES "A" AND "8.5"
2. NOMINAL FIRST FLOOR SLAB REFERENCE ELEVATION IS AT 0'-0", WHICH EQUALS BUILDING DATUM ELEVATION 73.30', SEE CIVIL DRAWING C-1.19 FOR FINAL ELEVATION
3. EXACT LOCATION OF THE AC UNITS SHOULD BE COORDINATED WITH MECHANICAL CONTRACTOR AND WITHIN THE HVAC SHOP DRAWINGS, PROVIDE PAD DIMENSIONS BASED ON EQIPMENT SUBMITTAL. REVISED HORIZONTAL CONTROL DRAWINGS WILL BE ISSUED AFTER THE SUBMITTAL IS ACCEPTED.

LEGEND

(solid)	CONCRETE CURB 4" H. X 6 1/2" W. U.O.N.
(vertical hatch)	-0'-3/4" DEPRESSION
(diagonal hatch)	-0'-2 1/2" DEPRESSION
(cross hatch)	-0'-4 1/2" DEPRESSION
	ELEVATION MARK FROM +/- (0'-0") 1ST FLOOR SLAB BUILDING DATUM EL. +73.3'
FD OR TD	FLOOR DRAIN OR TRENCH DRAIN
OR	CHANGE OF ELEVATION ON TOP OF SLAB

tBP architecture planning interiors management

LICENSED ARCHITECT · RICHARD ... AIA. NO. C-8685 REN. 12-31-05 · STATE OF CALIFORNIA

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
AC ___ FLS ___ SS ___
DATE 1-12-05
FILE No. 7-C1

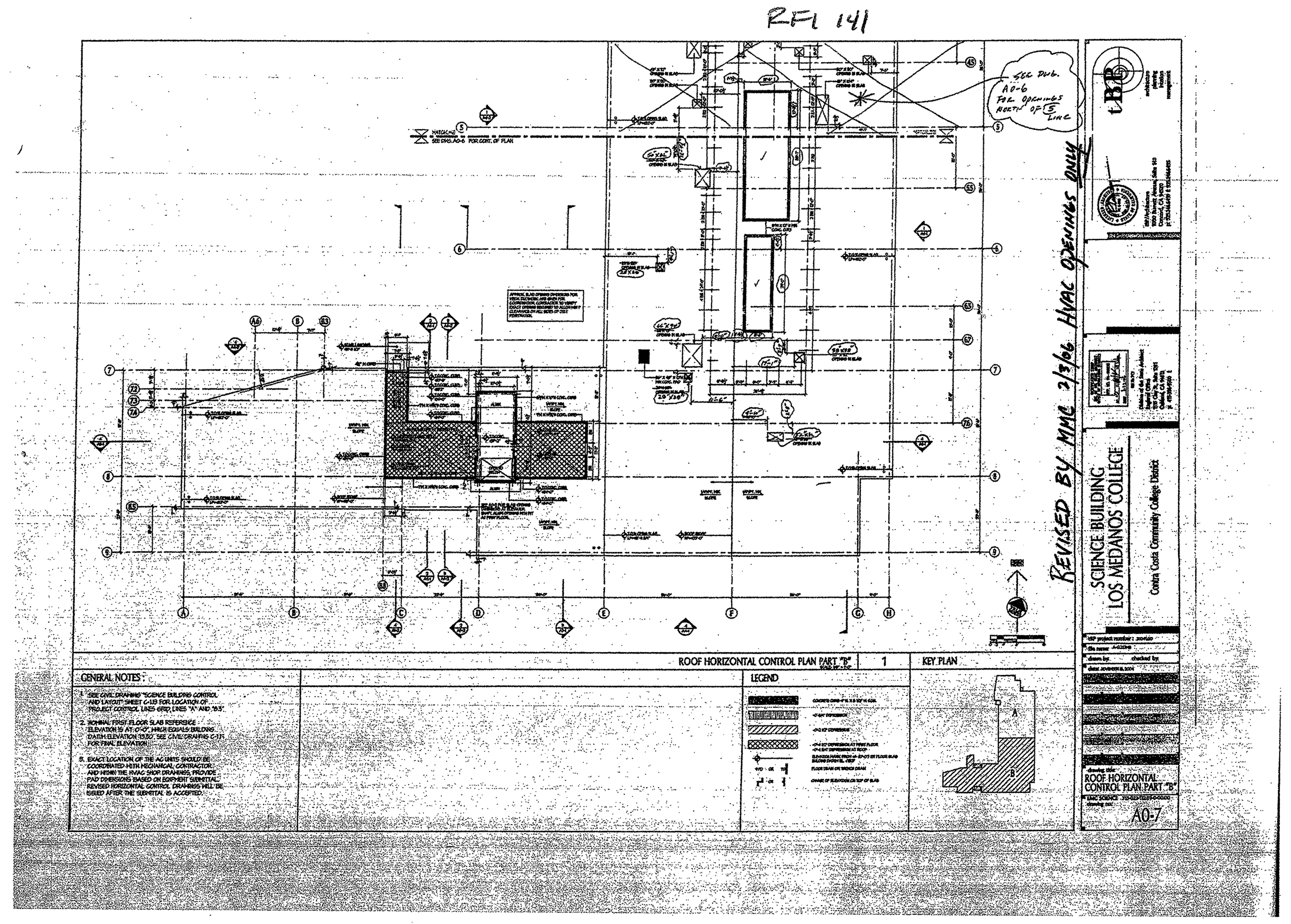
Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number : 20247.00
file name: A-0.6.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
ROOF HORIZONTAL CONTROL PLAN PART "A"
LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
A0-6



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.:

Reference (dwg, spec.) A0-7

RFI No: **163**
Subcontractor RFI:

Reply Requested By: 3/6/06

INFORMATION REQUESTED: **Date:** 2/27/06

It appears that a dimension is missing from the roof horizontal control plan on sheet A0-7. No dimension is provided for the eastern limit of the observatory deck (i.e., the curb nearest E-line). This curb appears to be slightly more than 5 foot west of E-line. Please provide a firm dimension.

SUGGESTED SOLUTION:

Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:** 2.27.06

Eastern face of curb at Observation Deck is 5'-0 1/2" west of grid line E. Note that the curb width is 7" typical at roof.

Attachments:

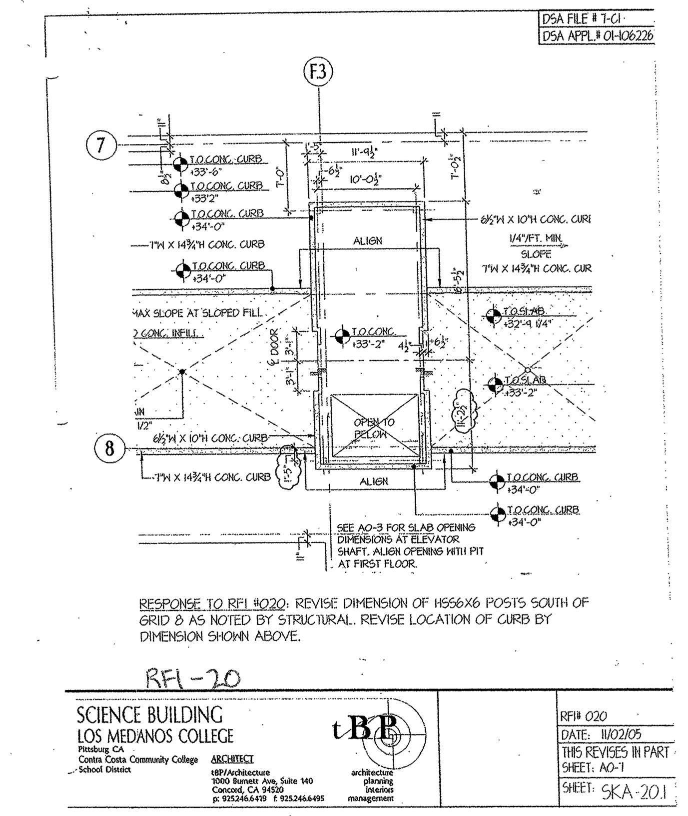
By: C. Chiang/tBP

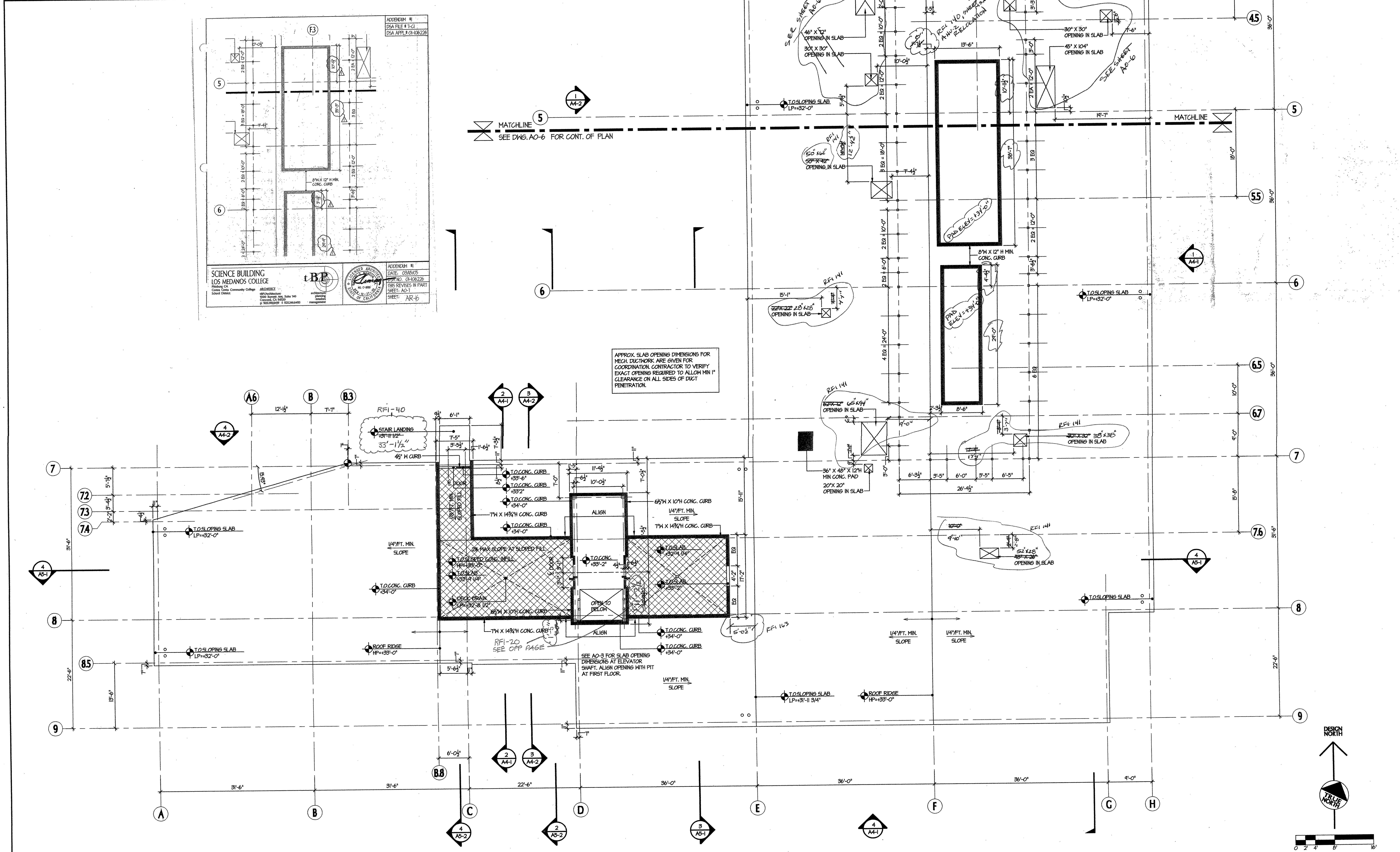
TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	2/23/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	2.27.06
S.J. AMOROSO	ORIGINATOR	

CC: MIGUEL
: WESTERN ROOFING

RFI # 000
Page 1

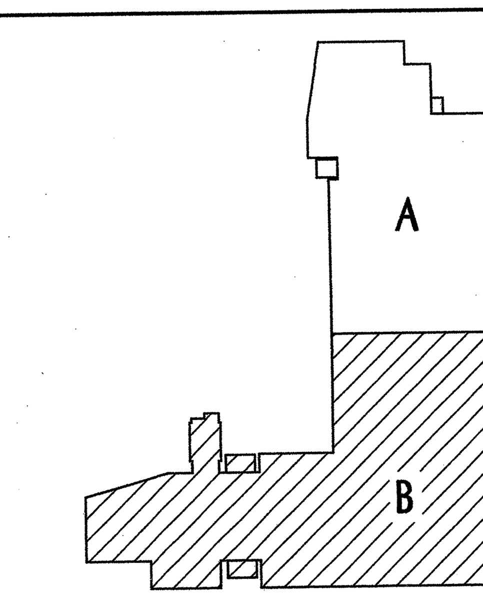




ROOF HORIZONTAL CONTROL PLAN PART "B"
SCALE: 1/8" = 1'-0"

1

KEY PLAN



GENERAL NOTES :

1. SEE CIVIL DRAWING "SCIENCE BUILDING CONTROL AND LAYOUT" SHEET C-1.13 FOR LOCATION OF PROJECT CONTROL LINES GRID LINES "A" AND "8.5"
2. NOMINAL FIRST FLOOR SLAB REFERENCE ELEVATION IS AT 0'-0", WHICH EQUALS BUILDING DATUM ELEVATION 73.30', SEE CIVIL DRAWING C-1.19 FOR FINAL ELEVATION
3. EXACT LOCATION OF THE AC UNITS SHOULD BE COORDINATED WITH MECHANICAL CONTRACTOR AND WITHIN THE HVAC SHOP DRAWINGS, PROVIDE PAD DIMENSIONS BASED ON EQIPMENT SUBMITTAL. REVISED HORIZONTAL CONTROL DRAWINGS WILL BE ISSUED AFTER THE SUBMITTAL IS ACCEPTED.

LEGEND

CONCRETE CURB 4" H. X 6 1/2" W. U.O.N.

-0'-3/4" DEPRESSION

-0'-2 1/2" DEPRESSION

-0'-4 1/2" DEPRESSION AT FIRST FLOOR
-0'-4 3/4" DEPRESSION AT ROOF

ELEVATION MARK FROM +/- (0'-0") 1ST FLOOR SLAB BUILDING DATUM EL. +73.3'

FD OR TD — FLOOR DRAIN OR TRENCH DRAIN

CHANGE OF ELEVATION ON TOP OF SLAB

tBP architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

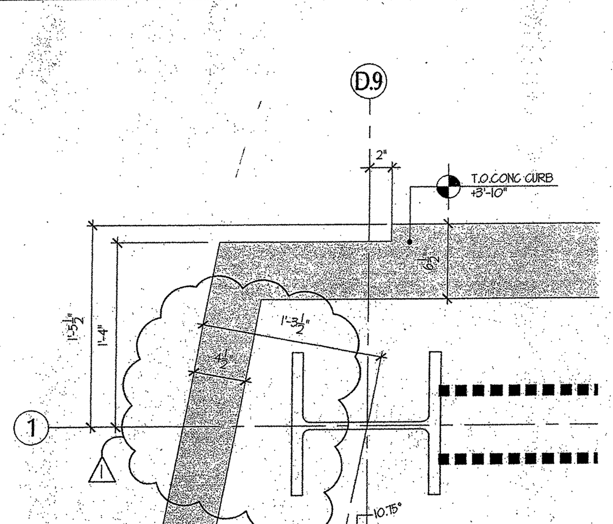
tBP project number : 20241.00
file name: A-0.2.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
ROOF HORIZONTAL CONTROL PLAN PART "B"

LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:
A0-7

ADDENDUM #1
DSA FILE # 7-C1
DSA APPL.# 01-106226



CORNER PLAN @ 1ST. FL. — 1
SCALE: 1 1/2" = 1'-0"

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District
ARCHITECT
tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495
tBP architecture planning interiors management

LICENSED ARCHITECT RICHARD A. MANGUM NO. C-8685 REN. 12-31-05 STATE OF CALIFORNIA

ADDENDUM #1
DATE: 03/18/05
~~DSA NO.~~ 01-106226
THIS REVISES IN PART SHEET: A0-8
SHEET: AR-10

Bulletin No.04A

tBP Architecture Planning Interiors Management

Date: January 30, 2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

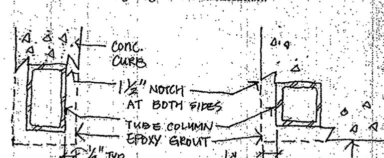
REFERENCE: Dwgs. A0-2, A0-3, A0-8, A1-1, A1-2, P1.5:

1. HSS tube columns at CW1/CW2 at north and south entries to Lobby 101, at CW7 at west entry to Lobby 140, and at Stairs #1 and #2 require coverage at curbs. It will not be possible to place ½" concrete coverage at these locations.

Instead, terminate curbs cleanly at steel members where concrete coverage would be inadequate and cause spalling. Use pourable epoxy grout (Fox Industries "FX-70-6 Hydro-Ester Pourable Pack" or approved equal, formed to match curb extents indicated on horizontal control plans A0-8. Align face of grout with adjacent curb as applicable and/or provide min. ½" coverage at steel columns. Prime coat exposed steel prior to application.

Place removable caulking between steel column and adjacent curb to provide +/- 1 ½" wide V-notch at cold joint between column and curb prior to placement of curb. Remove caulk prior to installation of epoxy grout.

- Provide submittal for epoxy grout for review.
- Provide mock-up for review and approval prior to proceeding with remaining pours.
- See the following diagram for clarification:



2. See SKA-04A.1 and SKA-04A.2 for the following revisions:

Flush finish floor sinks and provide curbs at Mech. Room 123 per SKA-04A.1 and SKA-04A.2. Revise interior concrete curb widths and locations per the attached sketches.

3. Sack finish all exterior exposed concrete curbs to 12" from top of curb. Seal concrete below slab level.

- Provide submittal for concrete sealer.
- Provide 20' section mock-up for review and approval prior to proceeding.

Issued By: Architect

Requested By: Architect

Reason: Concrete curb coordination

Enclosures: SKA-04A.1 and SKA-04A.2

Distribution:

Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture
1 copy	Dave Western	Ainsworth Associates

Action:
- ☐ For Information/Clarification only
- ☒ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☐ Requires DSA review and approval
- ☐ Proceed as authorized by District

BULLETIN #04

email: info@fox-ind.com
FOX INDUSTRIES ENGINEERED PRODUCTS
www.fox-ind.com

FX-70-6
Hydro-Ester®
Pourable Pack

Fox Industries, Inc. • 3100 Falls Cliff Road • Baltimore, Maryland 21211

DESCRIPTION:
FX-70-6 Hydro-Ester® Pourable Pack is a moisture insensitive, two-component, 100% solids epoxy resin. This material is specifically designed for use with the **FX-70® Inert Corrosion-Free System** in Marine Environments, but can be used in the wet or dry. **FX-70-6 Pourable Pack** can also be used as self-leveling flooring.

ADVANTAGES:
FX-70-6 Hydro-Ester® Pourable Pack will bond to wet or dry surfaces and will produce a grout of impact resistant quality on concrete, steel, timber and aluminum. It flows into small voids without vibration or tapping of forms. It produces strengths 2 to 3 times greater than concrete. **FX-70-6 PP** is gray in color. Other colors are available as special order product.

PHYSICAL PROPERTIES:

FX-70-6 Pourable Pack	w/3 Parts FX-700
Compressive Strength ASTM C 579 Method B	3 days - 8,800 psi 7 days - 9,500 psi
Tensile Strength ASTM C 307	3 days - 1,800 psi 7 days - 1,900 psi
Bond Strength ASTM C-882	2,200 psi
Pot Life @ 70° F	1 hour
Tensile Bond Strength ASTM D-2996	345 psi
Shrinkage ASTM C 827	+ 0.3%
Absorption ASTM C 413	0.32%
Elongation ASTM D 638	4% max.

SURFACE PREPARATION:
For best results, areas to receive the **FX-70-6 Pourable Pack** should be free of laitance, grease, oil or other contaminants that would inhibit bond. Sandblasting, water blasting, or wire brushing is recommended.

MIXING:
Combine two (2) parts by volume of A Component with one (1) part by volume of "B" Component in the quantity desired and mix with a low speed drill (300 - 600 RPM) and **FX-Mixing Paddle** for three (3) minutes. Add **FX-700 Epoxy Extender** slowly while continuing to mix. Mix until lump free uniform mix is obtained. For larger applications, a standard mortar mixer can be used.

APPLICATION:
Apply when ambient temperatures are 40° F and above.

COVERAGE:
3 gallons **FX-70-6** + (3) 48 lb. bags FX-700 = 2,246 cu.in. per unit (Very Pourable)
3 gallons **FX-70-6** + (3) 64 lb. bags FX-700 = 2,782 cu.in. per unit (Pourable)
3 gallons **FX-70-6** + (3) 77 lb. bags FX-700 = 3,300 cu.in. per unit

SHELF LIFE: Two (2) years

LIMITATIONS:
FX-70-6 Pourable Pack should not be used in a mortar form when ambient temperature is below 40° F. Pot life is longer in cooler temperatures; shorter in higher temperatures.
Epoxy Resins (A Component) may crystallize. Heating material to 120°F and stirring will reconstitute material to original condition. Allow to cool before using.

CAUTION:
WARNING! A Component contains epoxy resin. DANGER! "B" Component contains alkaline amines; strong sensitizer. May cause skin sensitization or other allergic responses. Avoid inhalation of vapor. Use good ventilation, particularly if material is heated or sprayed. Prevent all contact with skin or eyes. Wear protective clothing, goggles, gloves, and/or barrier creams. Keep container closed when not in use. Wash thoroughly after handling.

(OVER)

FOR INDUSTRIAL USE ONLY. KEEP AWAY FROM CHILDREN. 9/2005

PHONE 410-243-8856 TOLL FREE 888-760-0369 FAX 410-243-2701

Warranty: We warrant our materials to be of good quality and will replace any material proved defective. We believe that the technical information provided is reliable and that materials will perform to your satisfaction. However, we cannot guarantee final results because of the many possible variations in field conditions and application procedures.

Bulletin No.28

tBP Architecture Planning Interiors Management

Date: April 24, 2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Sheets A0-2, A0-3 and A0-8, Submittal #72:

Typical corner plan detail 6/A0-8 is revised as per attached SKA-28.1. for coordination of face of curb relative to the sill track at locations noted on attached SKA-28.2 first floor horizontal control plan sketch.

Issued By: Architect

Requested By: Architect

Reason: Coordination of curb and stud track

Enclosures: SKA-28.1, SKA-28.2

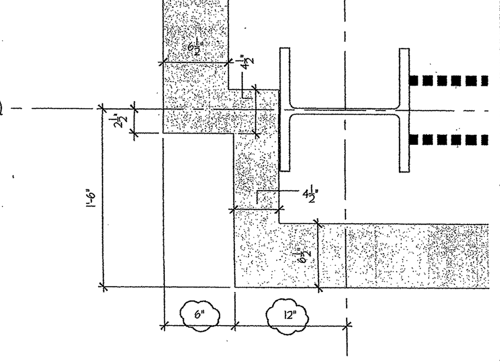
Distribution:

Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

Action:
- ☒ For Information/Clarification only
- ☐ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☐ Requires DSA review and approval
- ☐ Proceed as authorized by District

CC: MIGUEL

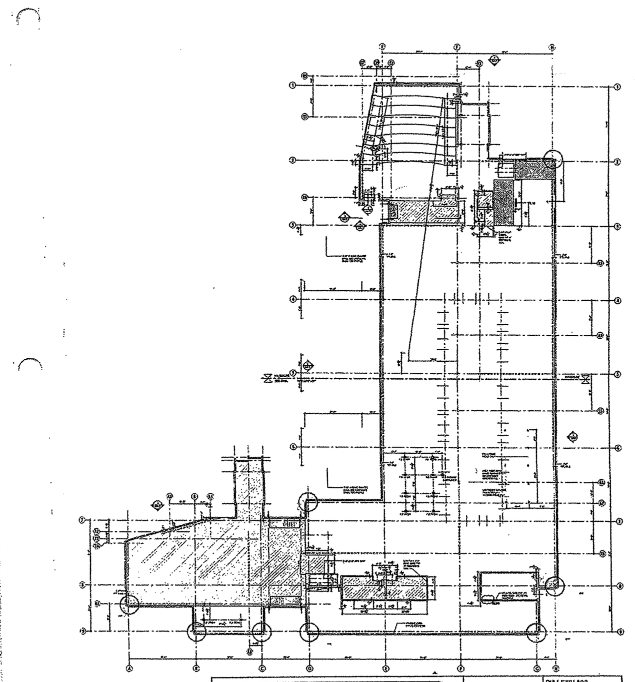
BULLETIN #28
DSA FILE # 7-C1
DSA APPL.# 01-106...



TYPICAL CORNER PLAN @ 1ST. FL. — 6
SCALE: 1 1/2" = 1'-0"

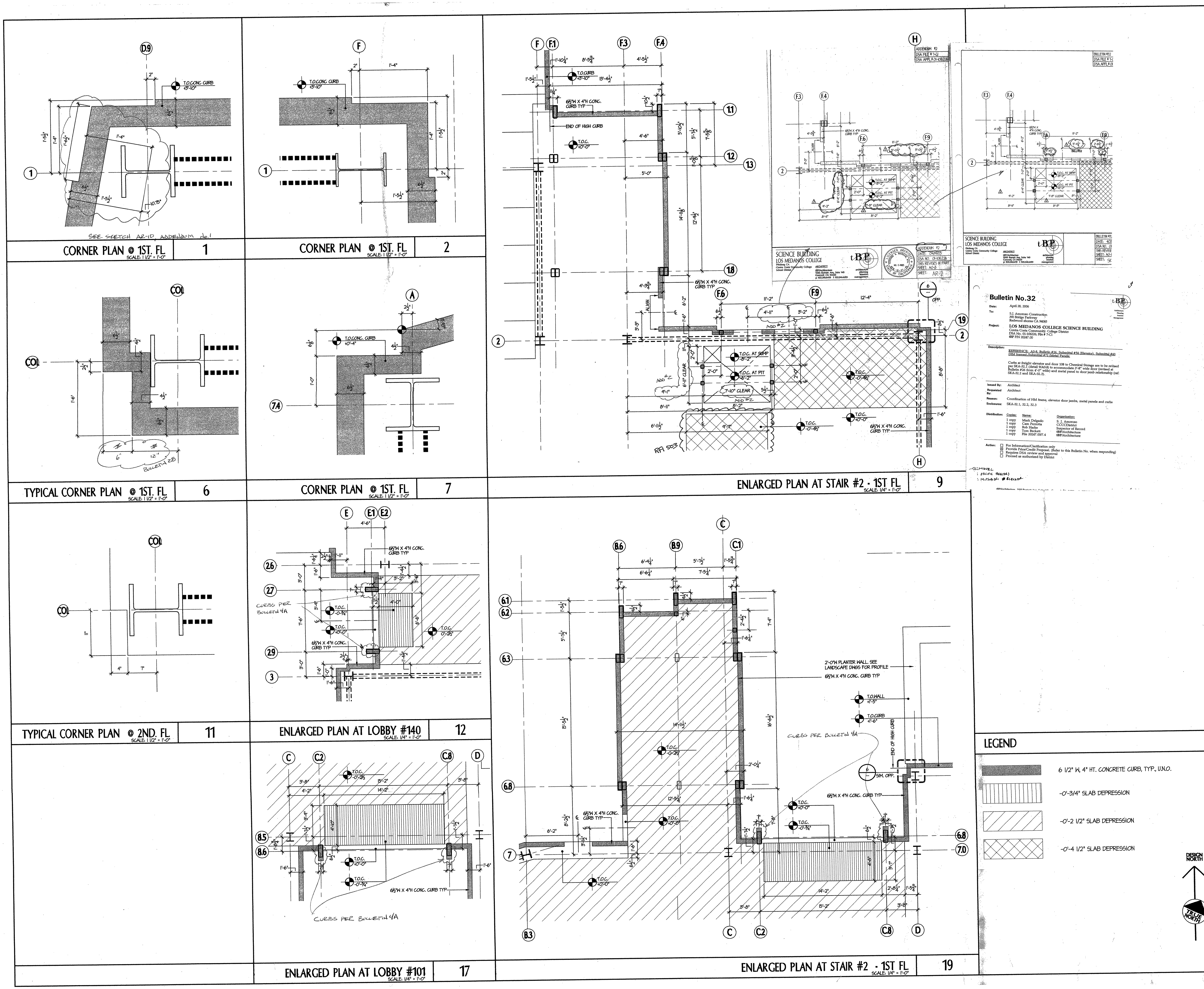
SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District
ARCHITECT
tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495
tBP architecture planning interiors management

BULLETIN #28
DATE: 4/24/06
DSA NO. 01-10622...
THIS REVISES IN PA... SHEET: A0-8
SHEET: SKA-28...



SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District
ARCHITECT
tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495
tBP architecture planning interiors management

BULLETIN #28
DATE: 4/24/06
DSA NO. 01-106226
THIS REVISES IN PART SHEET: A0-8
SHEET: SKA-28.2



tBP
architecture
planning
interiors
management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p. 925.246.6419 f. 925.246.6495

Division of the State Architect
Regional Office
1515 Clay St, Suite 1201
Oakland, CA 94612
p. 415-396-9500 f.

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number: 20247.00
file name: A-0.8.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
ENLARGED HORIZONTAL CONTROL PLANS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
A0-8

S. J. AMOROSO Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

RFI No: 85

S. J. AMOROSO Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

RFI No: 94

S. J. AMOROSO Request For Information/Clarification

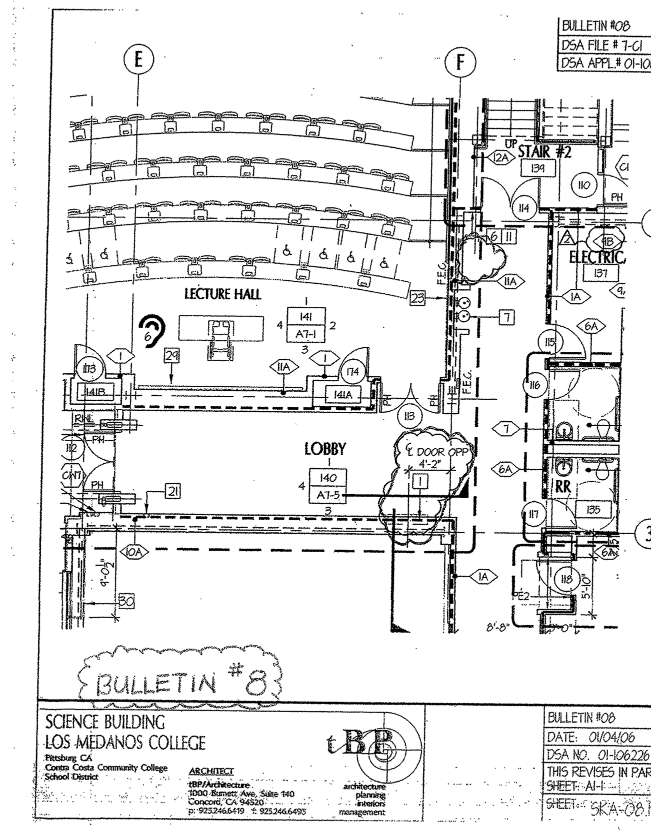
DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

RFI No: 210

S. J. AMOROSO Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

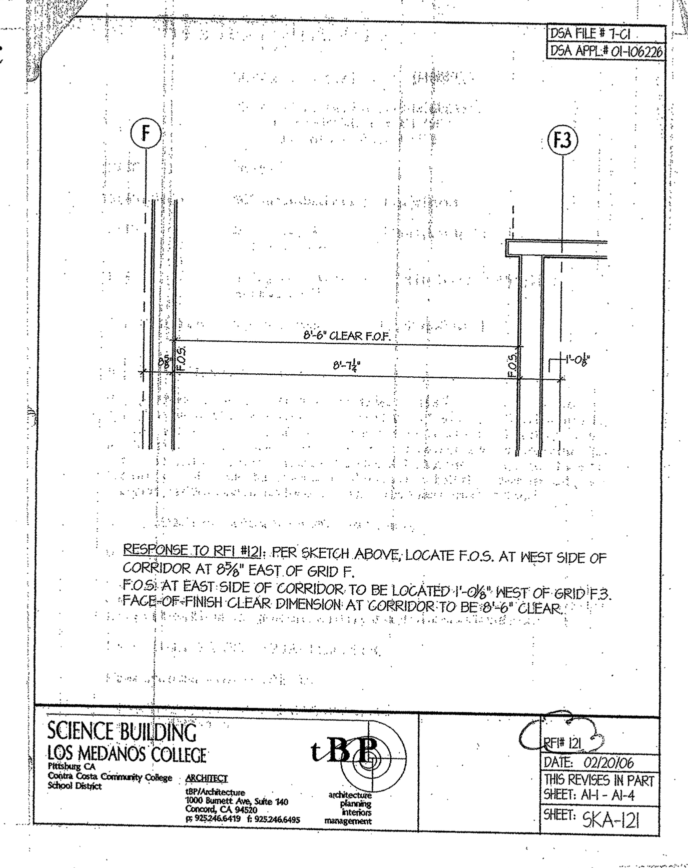
RFI No: 260



S. J. AMOROSO Request For Information/Clarification

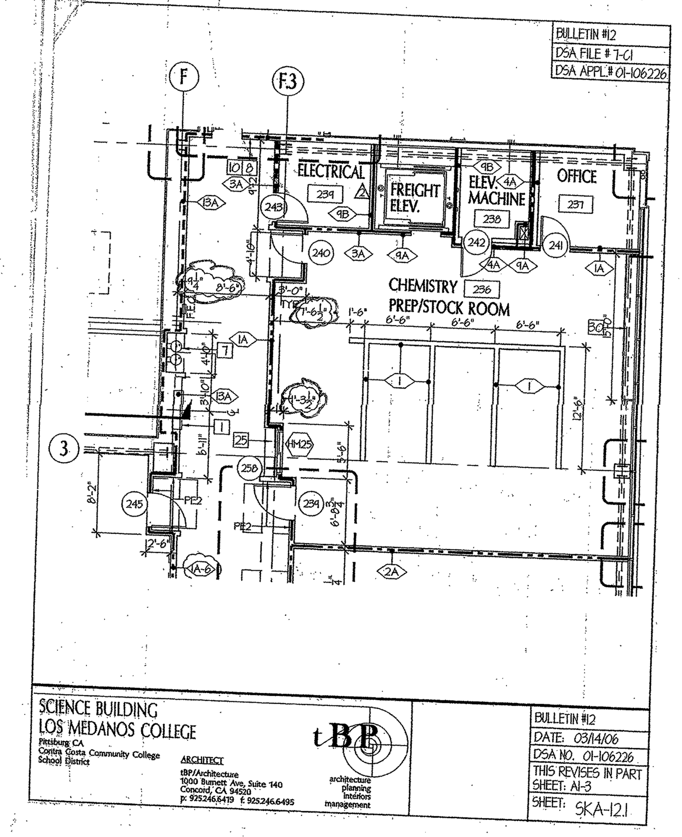
DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

RFI No: 121



Bulletin No.12

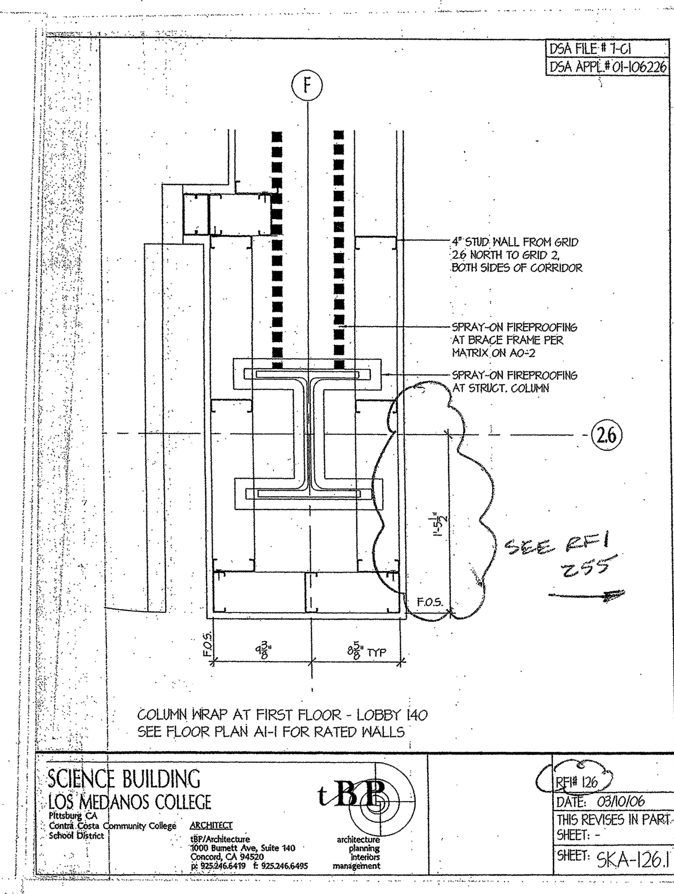
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING

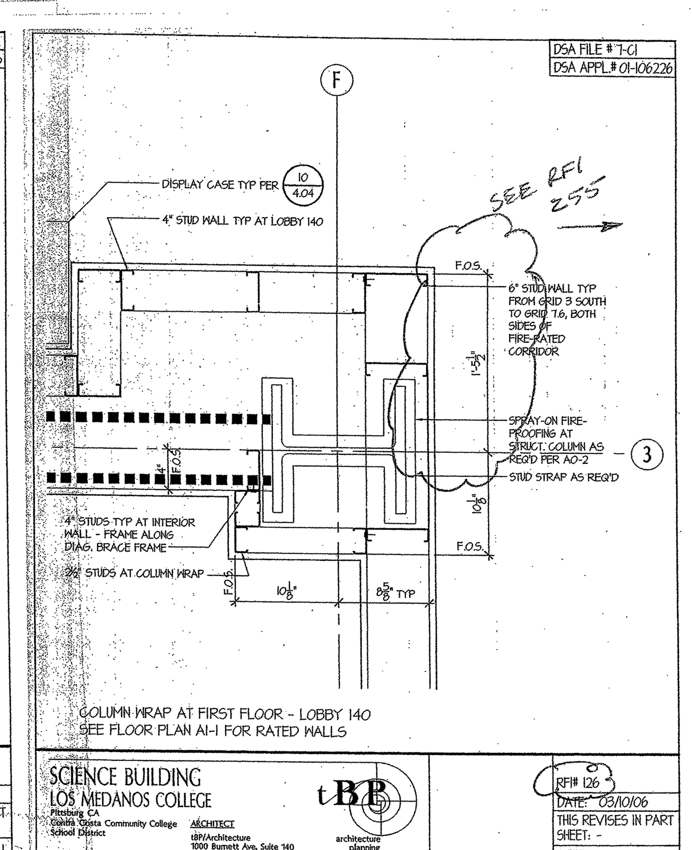


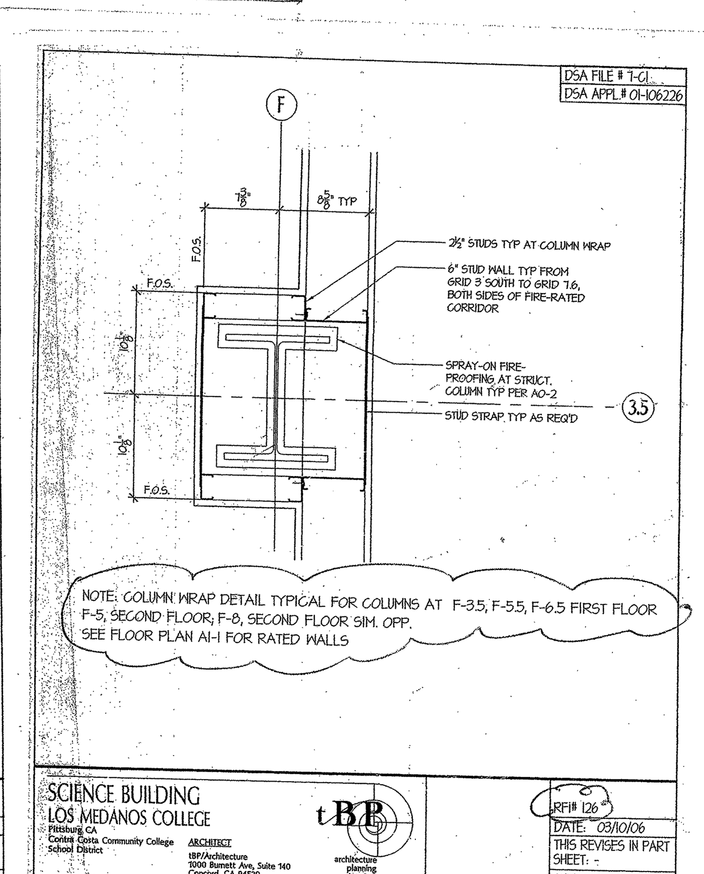
S. J. AMOROSO Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

RFI No: 126



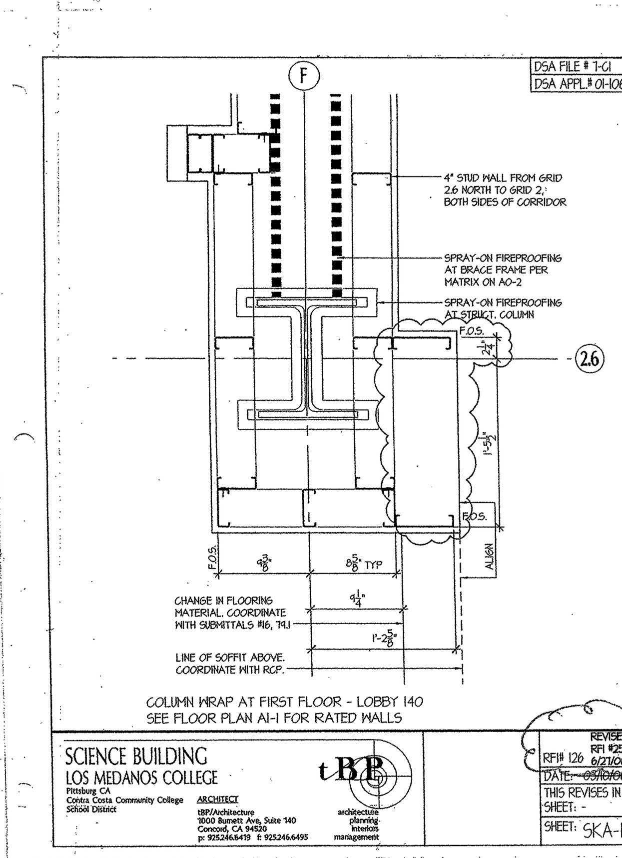


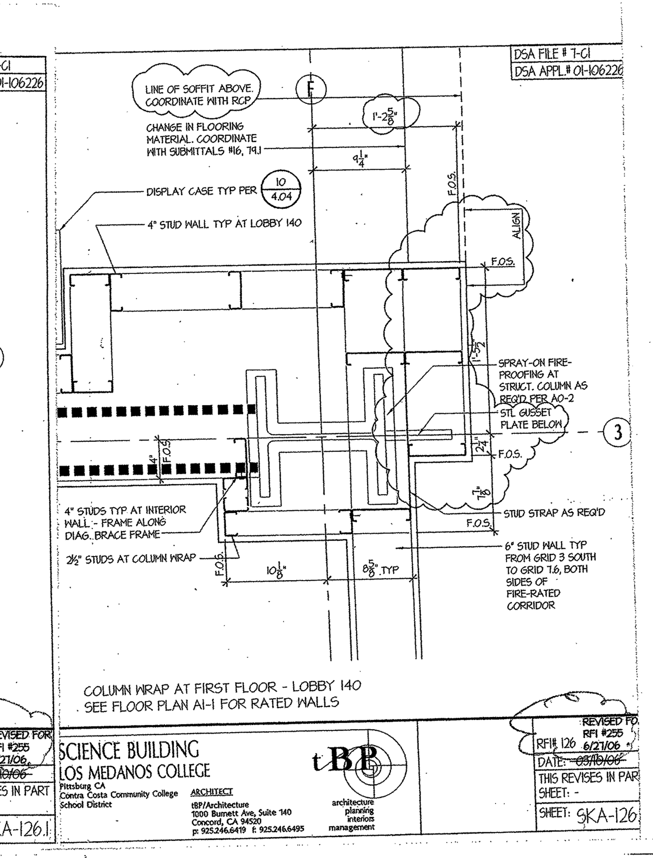


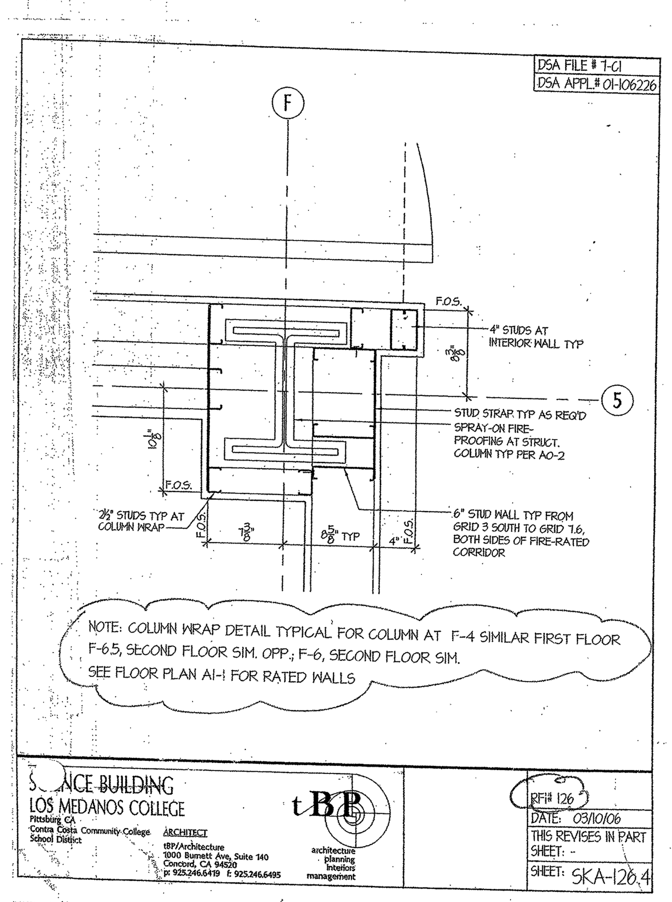
S. J. AMOROSO Request For Information/Clarification

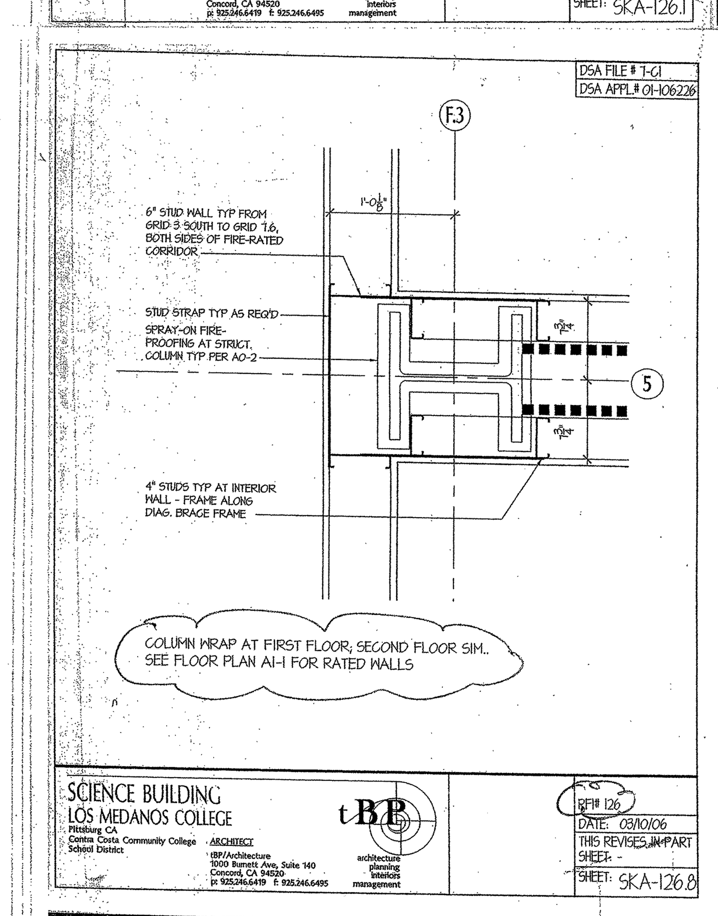
DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

RFI No: 255









S. J. AMOROSO Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: LP panels deeper than wall they are to be installed in

Reference (dwg, spec.) : E2.1 thru E2.4

RFI No: 234

Subcontractor RFI: EW Scott 20

Reply Requested By: 6/6/06

INFORMATION REQUESTED: Date: 5/30/06

See attached from EW Scott in which they address the LP panels being 5 ¾" deep shown to be installed in walls with 4" studs. EW Scott suggests that these walls be changed to 6" stud walls and SJA concurs that this seems to be a reasonable solution. Please review and advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 5.31.06

No exception taken to fin wall at 6 locations noted changing to 6" studs, to accommodate 5 3/4" Lab electrical panels.

At entries to rooms 132, 143, and 148, these walls are furred out behind the panels, so it is not required to change these to 6" studs.

Attachments:

By: C. Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	~~5/26/06~~ 5.30.06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	5.31.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

S. J. AMOROSO Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Piping in 4" stud walls, room 133 and between rooms 131&132 and 142&143.

Reference (dwg, spec.) : A1-1

RFI No: 252

Subcontractor RFI: Dowdle 51

Reply Requested By: 6/21/06

INFORMATION REQUESTED: Date: 6/19/06

The west wall of Cadaver Room 133, and the partition wall between room 131 and 132 and the partition wall between room 142 and 143 are all 4" stud walls and they are 2-hour fire-rated. These walls are to have 3" acid waste lines running in them. The OD of a 3" Orion Fusion Couple is 4 ½", which obviously will exceed the 4" stud cavity. Please advise.

SUGGESTED SOLUTION: It is possible to use mechanical couplings or to increase the stud size to 6".

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: Revised response 6/20/06 DATE:

No exception taken to increasing stud size to 6" at the partitions listed above to accommodate 3" acid waste line. Note: partitions are centered on exterior million. Contractor to coordinate with HM frame submittal #60.1 for jamb depth increase to doors #123 and 126. Also maintain 12" min. on strike side of door adjacent to wall, typical per detail 3/A7-1.

Attachments: Vanessa Ling/tBP

By: 6/20/06

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	6/14/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

cc: DOWDLE
SMP
SOVETT
CONCORD

RFI # 000
Page 1

S. J. AMOROSO Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: 4" Conduit to Electrical Panel "LA"

Reference (dwg, spec.): 4.04 & RE-2.1

RFI No: 379

Subcontractor RFI: EWS 41

Reply Requested By: 10/17/06

INFORMATION REQUESTED: Date: 10/10/06

Please note the attached EWS RFI No. 41 regarding Adequate Clearance between the wall and the 4" Conduit Stub ups that run into electrical panel "LA". Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:

TWF has no objection to a single layer of 5/8" sheet rock along the electrical room walls, but requests input from the architect on whether or not 2 layers of sheet rock are required.

Larry Lai/TWF - 10/20/06

No exception taken to install (1) layer of 5/8" "type X" gypsum board on Electrical Room side of the south wall of Electrical Room #137 as noted in EWS RFI #41. Provide credit to the material and labor of the deleted (1) layer of gypsum board.

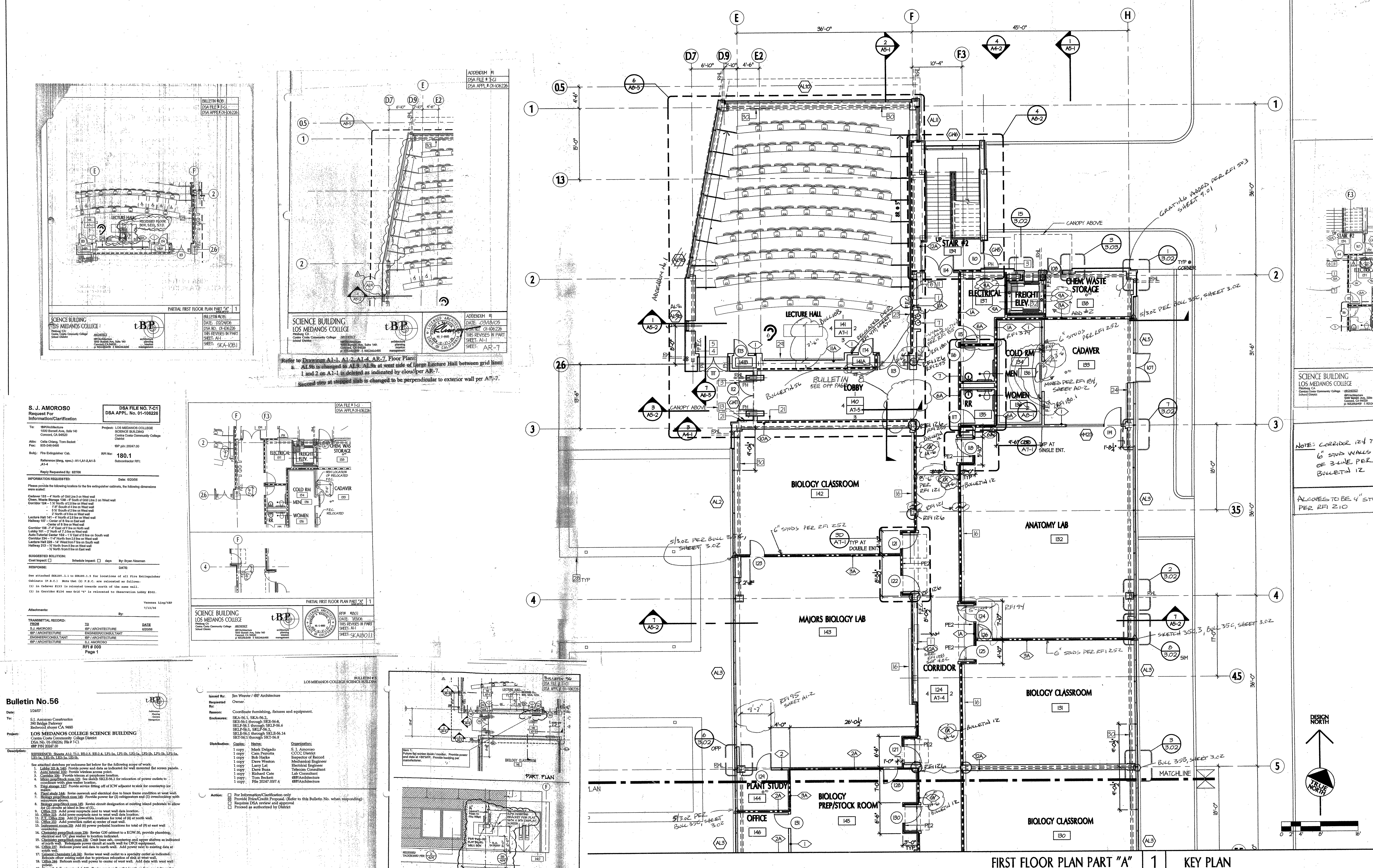
Vanessa Ling/tBP - 10/20/06

RFI # 000
Page 1

EDWARD W. SCOTT ELECTRIC CO., INC.

REQUEST FOR INFORMATION

Los Medanos College
4CD Proj. #: L-565-B-23-SC
Science Building



FIRST FLOOR PLAN PART "A" | 1
SCALE: 1/8"=1'-0"

EDULE 8.01, 8.02

A. ALL EXTERIOR WALLS SHALL BE 6" METAL STUDS AT 16" O.C. REFER TO STUD SCHEDULE FOR GAUGES PER SHEET 4.02.

B. EXTERIOR FINISHES SHALL BE OVER ½" EXT. GYP. SHEATHING U.O.N. INTERIOR FACE SHALL BE ⅝" GYPSUM BOARD INSTALLED FULL HEIGHT TO STRUCTURE ABOVE.

3. INTERIOR PARTITIONS

A. ALL INTERIOR PARTITIONS SHALL BE 4" METAL STUDS AT 16" O.C. WITH ⅝" GYPSUM BOARD EACH SIDE U.O.N. REFER TO STUD SCHEDULE SHEET 4.01 FOR GAUGES. PARTITION TYPES ARE AS INDICATED ON PLANS AND SHEET 4.02.

B. REFER TO SHEET 4.01 FOR ADDITIONAL INFORMATION ON INTERIOR METAIL STUD FRAMING.

C. AT PARTITIONS INDICATED TO BE 1-HOUR OR 2-HOUR RATED (SEE LEGEND) ALL PENETRATIONS SHALL BE RATED OR DAMPERED PER CBC T24.

4. INSULATION

A. EXTERIOR WALLS: PROVIDE R-19 BATT INSULATION.

B. ROOFS: PROVIDE R-30 BATT BELOW METAL DECK.

C. INTERIOR STUD PARTITIONS: PROVIDE SOUND BATT INSULATION TYP. THROUGHOUT.

5. THE BUILDING SHALL BE FULLY FIRE-SPRINKLERED.

6. REFER TO LF1-1 AND LF2-1 FOR LAB FURNISHINGS AT ALL LABS.

INDICATES STRUCTURAL BRACE FRAME PER **STRUCT. DWGS**

DEMOUNTABLE INTERIOR PARTITIONS (N.I.C.)

RAISED ACCESS FLOOR SYSTEM

PE— INTERIOR PAINT COLOR AS SPECIFIED. SEE FINISH SCHEDULE SHEET **9.01**

2 ALS (ASSISTED LISTENING DEVICE) REQUIRED IN THIS ROOM (NUMBER = MIN. QUANTITY OF RECEIVERS REQUIRED) ALS NOT IN CONTRACT (PROVIDED BY OWNER)

= REQUIRED ACCESSIBLE CLEARANCE PER DIAGRAM ON 8.01

2 = INTERIOR PARTITION, SEE SHEET **4.02**

227 = DOOR REFERENCE, SEE DOOR SCHEDULES, SHEETS **8.01, 8.02**

AL = WINDOW REFERENCE, SEE WINDOW SCHEDULES, SHEETS **8.80, 8.81, 8.82**

EP =ELECTRICAL PANEL, SEE **ELEC DWGS**

FEC = RECESSED FIRE EXTINGUISHER CABINET PER DETS. **11+12/4.03**

RWL = 4" CAST IRON RAIN WATER LEADER IN WALL CONNECTED TO STORM DRAINAGE SYSTEM PER **CIVIL DWGS**

WALL TYPES

NON-RATED PARTITION (TYPE PER PLAN)

1-HR FIRE RATED ASSEMBLY

FIRE RATED SHAFT WALL ASSEMBLY

1-HR FIRE RATED ASSEMBLY (OCCUPANCY SEPARATION)

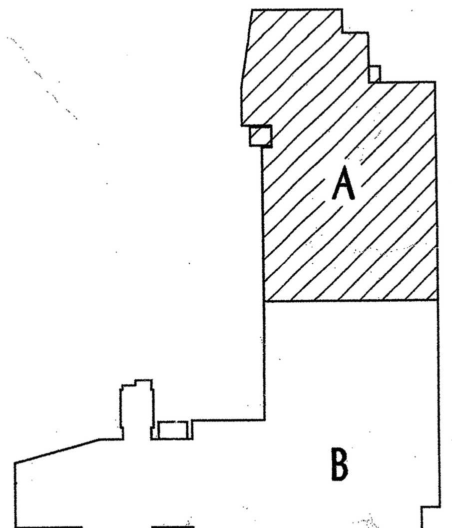
2-HR FIRE RATED ASSEMBLY (AT CHEMICAL WASTE STORAGE ONLY)

KEYNOTES

SEE RFI 260 FOR LOCATIONS

1. RECESSED DISPLAY CASEWORK PER DET. **10/4.04**
2. PLYWOOD OVER BACKING ON INTERIOR WALL OF DATA ROOM PER **TELECOM DWGS.**
3. ISA SYMBOL ON DOOR PER DET. **10/11.01**
4. MAX. OCCUPANT LOAD SIGNAGE PER DET. **16/11.01** FOR A-3 OCCUPANCY
5. ASSISTIVE LISTENING DEVICE SIGNAGE PER DET. **11/11.01**
6. STAIR IDENTIFICATION SIGNAGE PER DET. **17/11.01**
7. DRINKING FOUNTAIN PER DET. **10/4.05**
8. STAIR EXIT SIGNAGE PER DET. **13/11.01**
9. STAIR EXIT SIGNAGE PER DET. **12/11.01**
10. TACTILE EXIT ROUTE SIGNAGE PER DET. **15/11.01**
11. TACTILE EXIT SIGNAGE PER DET. **14/11.01**
12. FIRE ANNUCIATOR PANEL 48" AFF PER **FA DWGS**
13. CONCEALED WALL HYDRANT +42" AFF
14. DEMOUNTABLE INTERIOR PARTITIONS BY OTHERS (N.I.C.)
15. RECESSED TACKBOARD CASEWORK PER DET. **2/4.04**
16. 16'-0"W x 5'-0"H WALL MTD. WHITE BOARD B.O. BOARD +30" AFF
17. 12'-0"W X 5'-0"H WALL MTD. WHITE BOARD B.O.BOARD 30" AFF
18. HORIZ. ALUM. SUNSHADE (SHOWN "DASHED" IF LOCATED ABOVE) PER DET. **16/8.06**
19. TELEPHONE (N.I.C.) BY OTHERS
20. FIRE DEPT. ACCESS BOX AS SPECIFIED, +42" AFF
21. AUTOMATIC DOOR OPENER AS SPECIFIED, +30" AFF
22. HOLD-OPEN DOORS AS SPECIFIED
23. 8'-0"W X 4'-0"H WALL MTD. TACKBOARD B.O.BOARD 30" AFF
24. 8'-0"W X 4'-0"H WALL MTD. WHITE BOARD B.O.BOARD 30" AFF
25. ROLL-DOWN FIRE SHUTTER AT COUNTER PER DET. **9/4.05**
26. SILL HEIGHT GYP. BD. WALL PER DET. **15/6.01**
27. LOW GYP BD. WALL PER DET. **19/6.01**
28. CONCRETE PLANTER WALL PER **LANDSCAPE DWGS**
29. 16'-0"W x 5'-0"H WALL MTD. MANUAL HORIZ. SLIDING WHITE BOARD B.O. BOARD +30" AFF
30. STL. PIPE RAILING, PTD. PSG-2 PER DET. **20/10.02**
31. CORRIDOR EXCEPTION PER CBC SECTION 1004.3.4.3
32. FREIGHT ELEVATOR - FOR HAZ. MAT USE ONLY
33. MECH. RM SIGNAGE - "FIRE SPRINKLER RISER LOCATED IN MECH. ROOM."

KEY PLAN



NOTE: ALL ROOM NUMBERING PER RESPONSE TO RFI 514 ON NEW SHEET A1-1 AT END OF SET

tBP architecture planning interiors management
Concord, CA 94520 p: 925.246.6419 f: 925.246.6495

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
FILE No. 7-C1
Division of the State Architect Regional Office 1515 Clay St., Suite 1201 Oakland, CA 94612 p: 415-396-9500 f:

SCIENCE BUILDING LOS MEDANOS COLLEGE
Contra Costa Community College District

tBP project number : 20241.00
file name: 1ST-FLR-PLAN
drawn by: MV checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
FIRST FLOOR PLAN PART "A"
LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:
A1-1

CC original & Post Drawings

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Dimensions of Plant Study Room
Reference (dwg, spec): A1.2
RFI No: **95**
Subcontractor RFI: Dowdle #24
Reply Requested By: 1/19/06

INFORMATION REQUESTED: Date: 1/12/06
Please looks the attached Dowdle and Son's RFI No. 24 requesting the dimension from E Line to the east side of the finished wall in Room 144, Plant Study Room. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE: 1.17.06
DIMENSION FROM GRID LINE E TO FINISH FACE OF EAST WALL OF PLANT STUDY 144 IS 4'-7"

Attachments:
By: C. Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	1/12/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	1.17.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

cc: CONCORD
MIGUEL

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Exposed interior column in room 151 data room
Reference (dwg, spec): A1.3
RFI No: **123**
Subcontractor RFI#
Reply Requested By: 2/10/06

INFORMATION REQUESTED: Date: 2/3/06
Review of sheet A1.3 reveals that in the southwest corner of room 151, there is a structural column that is exposed to view, i.e. is not "wrapped" with sheetrock. This is atypical for this structure. Please advise if this is correct or if the column should be wrapped.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 2.9.06
ROOM 151 DATA ROOM, JAN. CLOS. 109, JAN. CLOS. 214 ALL HAVE EXPOSED STRUCTURAL COLUMNS. NO GYP. BD COLUMN WRAP IS REQUIRED. PAINT STL. COLUMN PER SPEC SECTION 09900.

Attachments:
By: C. Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	2/3/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	2.9.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

03/08/2006 09:18 FAX TBP ARCHITECTURE 002/002

E-MAILED 2.13.06

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: No detail 4/A8-5
Reference (dwg, spec): A1.2, A8-5
RFI No: **124**
Subcontractor RFI#
Reply Requested By: 2/10/06

INFORMATION REQUESTED: Date: 2/3/06
Review of sheet A1.2 reveals a callout for blowup detail 4/A8-5 for the room 111 resource room at F-line and 8-line. However, this detail does not exist. This detail would me most useful for providing dimensional information for the drinking fountain alcove along the north wall of this room. Please provide detail 4/A8-5.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 2.13.06
~~SEE ATTACHED SKETCH SKA-124 FOR DRINKING FOUNTAIN ALCOVE.~~
3/6 REVISE
SEE SKETCHES SKA-04B.6 AND SKA-04B.7, BULLETIN ~~#10B~~ #4B FOR DRINKING FOUNTAIN ALCOVE.

Attachments: NONE.
By: VANESSA LING
K 3/8/06

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	2/3/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	~~2.13.06~~ 3/6/06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

Post Drawings

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: 4" RWL will not fit in 4" wall
Reference (dwg, spec): P1.3, A1.2, A1.4, 4.02
RFI No: **46**
Subcontractor RFI: Dowdle fax
Reply Requested By: 12/6/05

INFORMATION REQUESTED: Date: 11/29/05
On sheets P1.3 a 4" RWL and 4" ORWL are shown in the wall to the west of E-line. On sheet A1.4 this wall is between rooms 217 and 218 on the second floor on sheet A1.2 this wall is between rooms 114 and 115 on the first floor. This wall is type 1 on both floors which is a 4" wall. 4" piping with fittings will not fit within this wall thickness. Please advise.

SUGGESTED SOLUTION: Change wall thickness to 8".
Attachments: None
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:
Partition between rooms 114, 115 at first Floor and 217, 218 at second floor shall be changed to 6" Stud wall to accomodate 4" RWL

Attachments:
By:

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	11/29/05
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Locating southern wall of mechanical room
Reference (dwg, spec.) : A1-2, A8-1, Bulletin 4A and Bulletin 4B
RFI No: **190**
Subcontractor RFI:
Reply Requested By: 3/27/06

INFORMATION REQUESTED: Date: 3/20/06
In order to locate the hydronic piping stub up locations in the north-south direction, we noted that per drawing A1-2, the southern F.O.F. of the south mechanical room wall is to align with the south F.O.F. of the Resource Room/Restroom wall. Per detail 3/A8-1, the room side F.O.F. of the bathroom walls is 6'-8 ½" south of 8-line and this is a type 6 wall with tile, 1 layer of cement board and 2 layers of gypsum board on one side and just two layers of gypsum board on the other side. The southern wall of the mechanical room is a type 3 wall with 2 layers of gypsum on each side. Therefore, the type 6 wall is 1 inch thicker than the type 3 wall and the room side F.O.F. of the southern wall of the mechanical room is 6'-7 ½" south of 8-line. Hydronic piping was located 1 ½" north of this F.O.F. to allow for unistrut attachment to the wall.
Now, Bulletin 4A added curbs to the mechanical room and provided a dimension of 7'-2 ¾" from 8-line to corridor side F.O.C. This, taken with sketch SKA-04A.2 from bulletin 4A would located room side F.O.F. for the southern wall of the mechanical room at 6'-9 ½" south of 8-line. This is a move of 2 inches to the south. Please confirm.
Note that this change does check with the new 7'-4" dimension from 8-line to corridor side F.O.F. on sketch SKA-04B.6 from Bulletin 4B.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: See Response memo attached. DATE: 3.24.06

Attachments:
By: C. Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	~~3/13/06~~ 3/20/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	3.24.06

RFI # 000
Page 1

NOTE: WALLS DID NOT MOVE

Project Memorandum

Date: 03/24/2006
To: S.J. Amoroso, 390 Bridge Parkway, Redwood Shores CA 94065
Attn: Mark Delgado
Proj: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Proj No.: 20247.00/7.4
DSA No.: 01-106226; File # 7-C1
From: Celia Chiang, tBP/Architecture
cc: T. Beckett, B. Harke, C. Pecorets, file

RESPONSE TO RFI #190 – LOCATION OF SOUTH WALL OF MECHANICAL ROOM

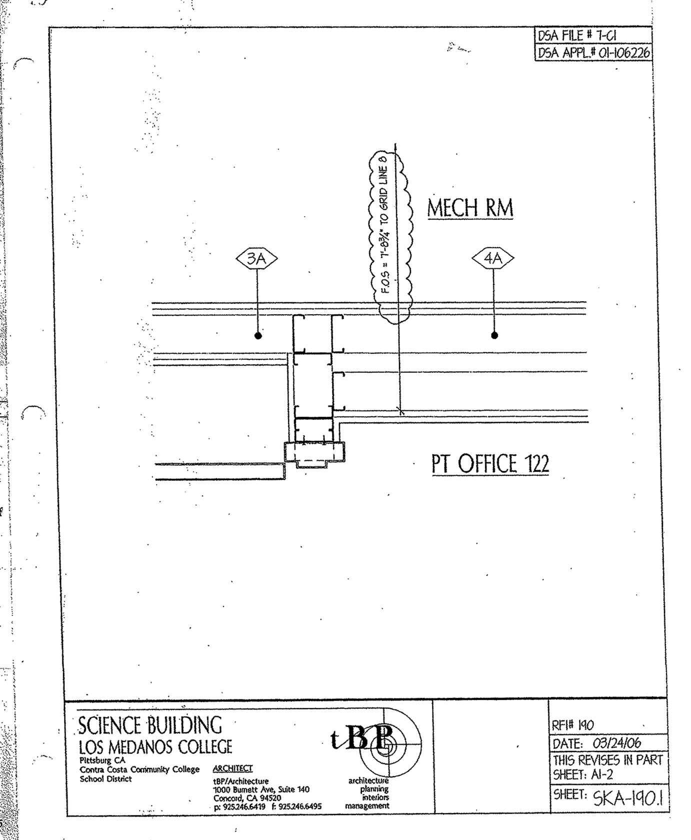
SKA-04A.2 from Bulletin #4A clarified the base detail of partition type 3A at south wall of Mechanical Room such that the interior two layers of gyp board are to sit on top of the curb and the inside face of wall is to align with face of curb.

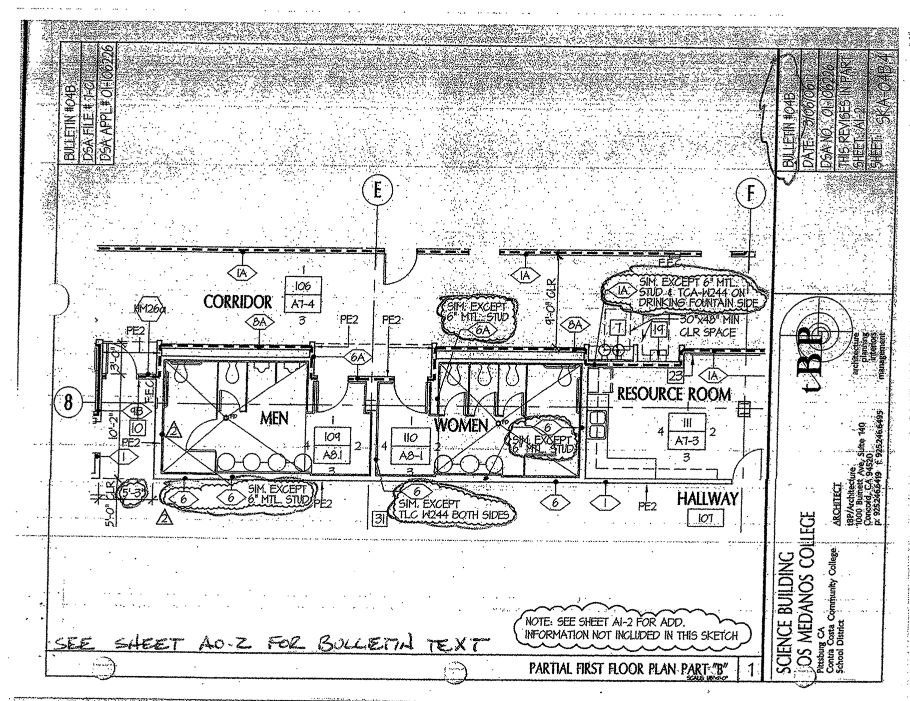
The assumption made to locate the inside face of wall per the typical curb detail, where the face of stud aligns with the face of curb resulted in SJA location of inside face of Mechanical room wall at 6'-9 ½" south of 8-line, rather than the correct dimension of 6'-8 ½", to allow alignment of the outside finish face of wall at the corridor at south walls of Mechanical room, Resource room 111, Mens 109 and Womens 110 to occur at 7'-4" from 8-line.

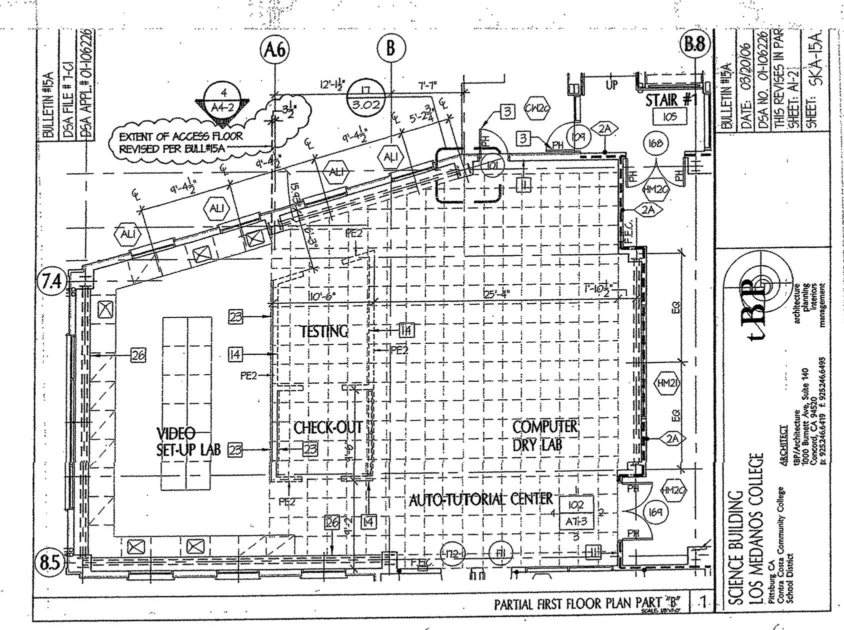
NO WALLS WERE MOVED IN BULLETIN 4A OR 4B.

Note that wall thickness of south wall of Mechanical room adjacent to Room 122, designated as partition type 4A is per SKA-190.1 attached.

1000 Burnett Avenue, Suite 140 • Concord, CA 94520-2058 • Phone: (925) 246-6419 • Fax: (925) 246-6495







S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Location of corner guard installation
Reference (dwg, spec.) : Spec 10260-2.02, addenda 2 and 3
RFI No: **208**
Subcontractor RFI:
Reply Requested By: 5/9/06

INFORMATION REQUESTED: Date: 5/2/06
Addendum No. 3 lists locations for both stainless corner guards and plastic corner guards. However, both listings are prefaced by the term "in the following locations for a quantity of 60 (for bidding purposes only)." Please clarify that term. Are we to install according to the lists in the addendum or are we to install based upon some other information? Please advise.

Also, please confirm the language of Addendum 2 that list the manufacturer as Acrovyn, model CO-8/SCO-8, or approved equal.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

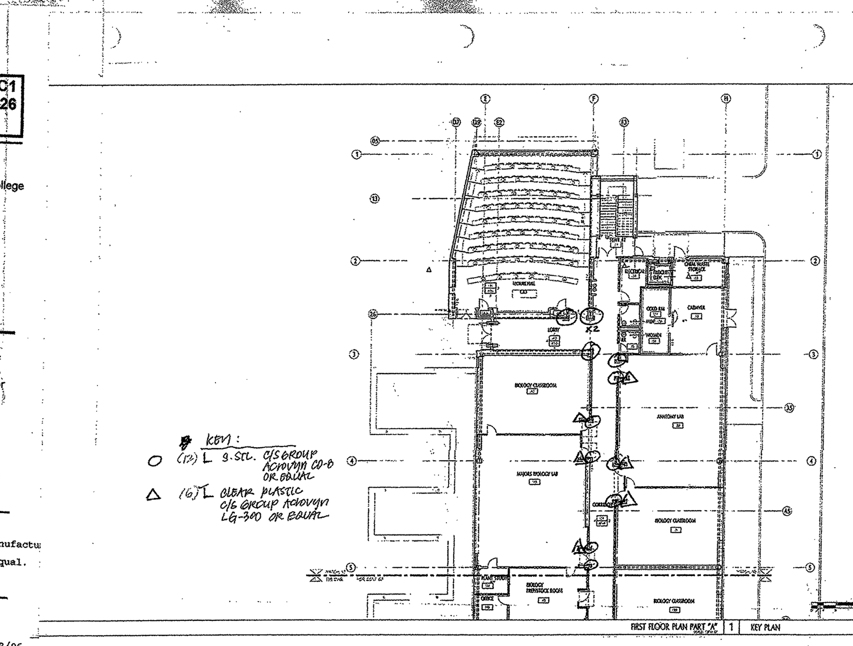
RESPONSE: See attached plans for locations of s. stl. and clear plastic corner guards on 1st and 2nd floors. Note that manufactu for both is C/S Group "Acrovyn" surface corner guards or approved equal. Model for s. stl. is "CO-8"; for clear is LG-300. C. Chiang/tBP DATE: 5.4.06

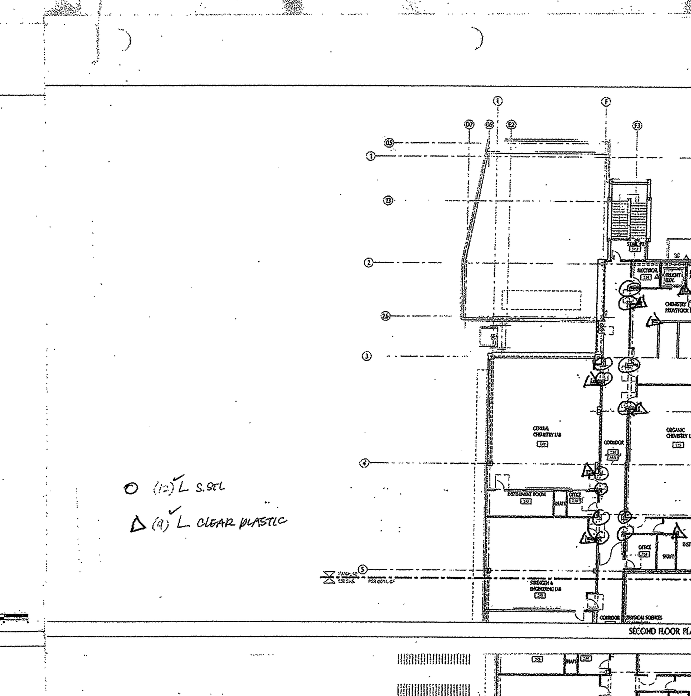
Attachments:
By:

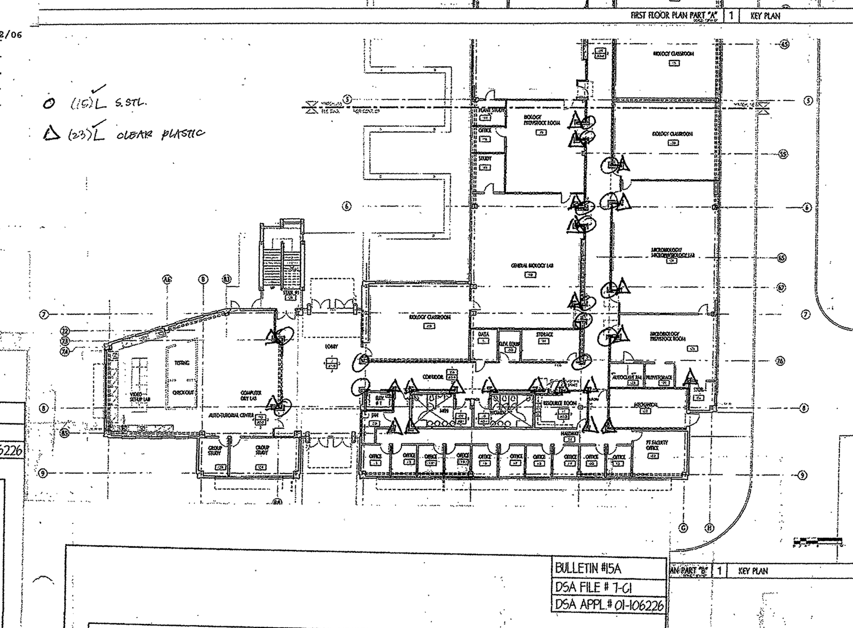
TRANSMITTAL RECORD:

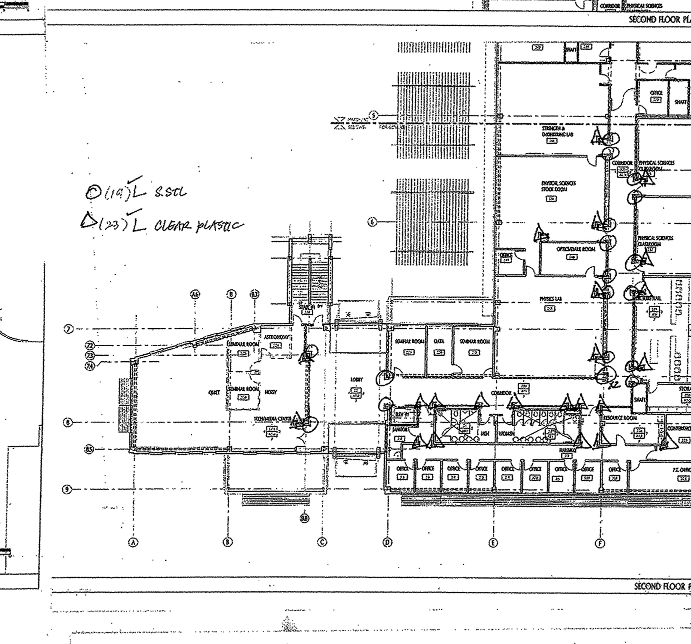
FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	~~4/4/06~~ 5/2/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	5/4/06
S.J. AMOROSO	ORIGINATOR	

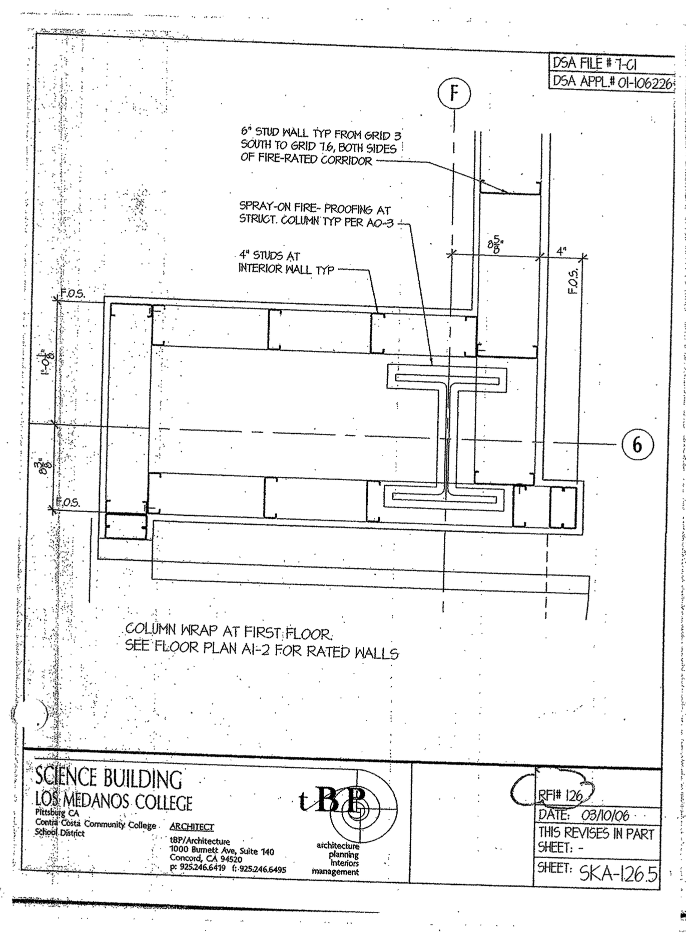
RFI # 000
Page 1

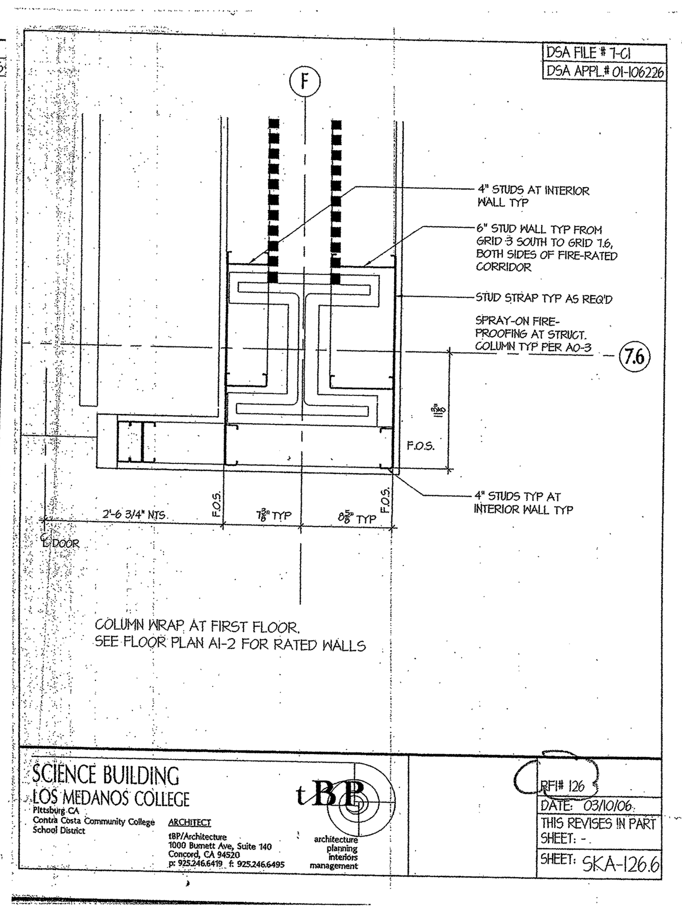


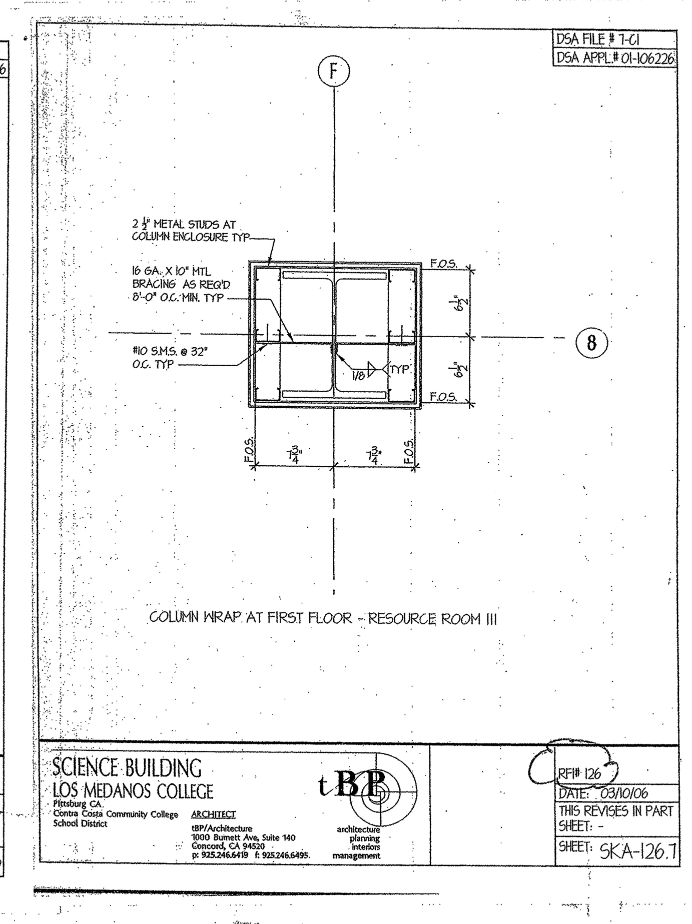


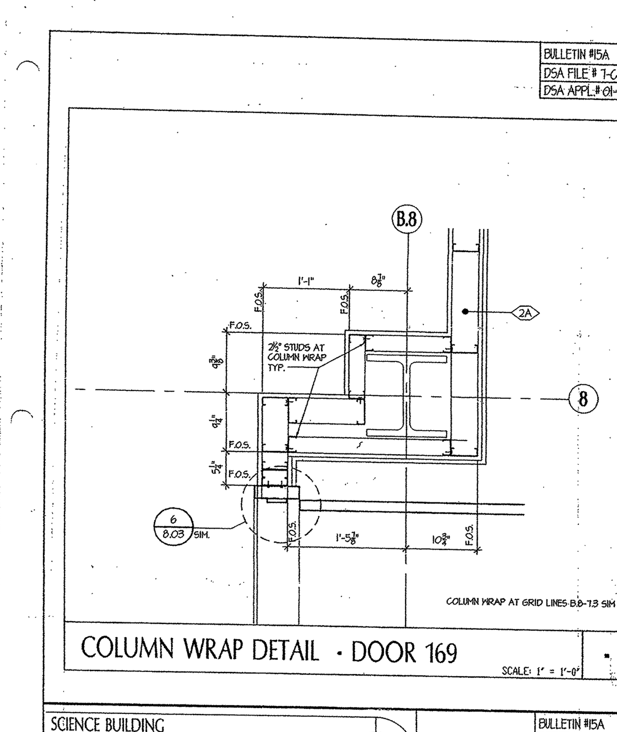


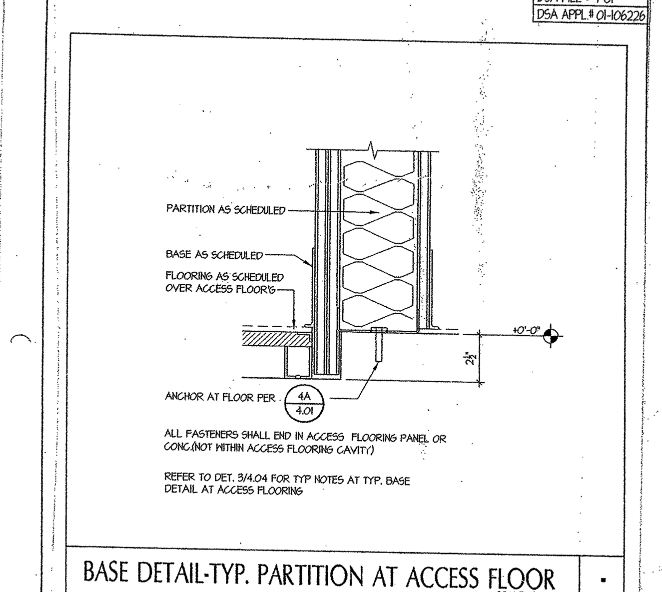












S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

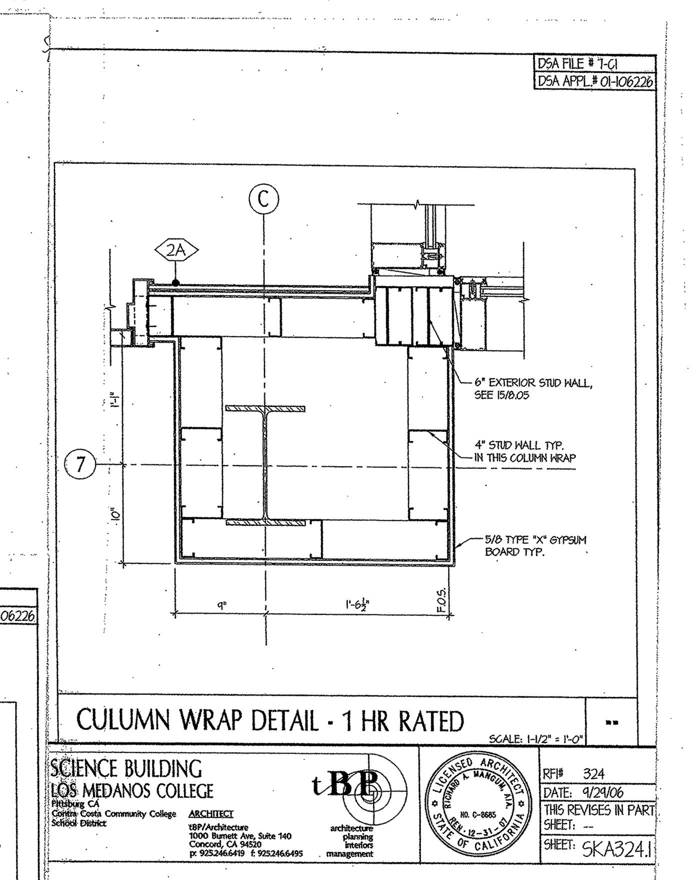
To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Column wrap details for C/7 and C/8.5
Reference (dwg, spec.) : A1-2, A1-4
RFI No: **324**
Subcontractor RFI:
Reply Requested By: 8/24/06

INFORMATION REQUESTED: Date: 8/17/06
Per sheets A1-2 and A1-4, the columns located at C/7 and C/8.5 are to receive sheetrock wrap. However, we are unable to locate details with dimensions to frame this wrap. Please provide details of the column wraps at these locations (1st and 2nd floors).

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:
See the attached SKA324.1 and SKA324.2 for column wrap details.

Vanessa Ling/tBP - 8/29/06



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Column wrap on first floor where there is no column
Reference (dwg, spec.) : ~~A1-1~~ A1.2, 3.02
RFI No: **187**
Subcontractor RFI:
Reply Requested By: 3/23/06

INFORMATION REQUESTED: Date: 3/16/06
On sheet ~~A1-1~~ A1-2, at the intersection of 6.7-line and E-line, a column is shown and detail 12/3.02 is called out for column wrap detail for this location. However, there is no column in this location, per the structural drawings. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 3.20.06
Confirmed with structural that there is no structural column at grid E-6.7. Delete column wrap detail 12/3.02.

Attachments:
By: C. Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	3/13/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	3.20.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

FAXED

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Bulletin 12 6" wall ending at 7.6 line in corridor 124—need detail
Reference (dwg, spec.) : A1-2
RFI No: **188**
Subcontractor RFI:
Reply Requested By: 3/27/06

INFORMATION REQUESTED: Date: 3/20/06
Per Bulletin 12, the southern extent of the change to 6 in studs (new wall type 1A-6) ends at 7.6 line. There is no logical breaking point here for the change in stud width. Please provide a detail of how we are to change from 6" wide studs to 4" wide studs and maintain continuity of finishes.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 3.22.06
See attached sketch SKA-188.1 for intersection of walls at Corridor 124, Micro Prep/Stock room 125 and Autoclave room 126. Note that F.O.S. for partition type 1A-6 and 2A are different in order to maintain the F.O.F. alignment at east wall of Corridor 124.

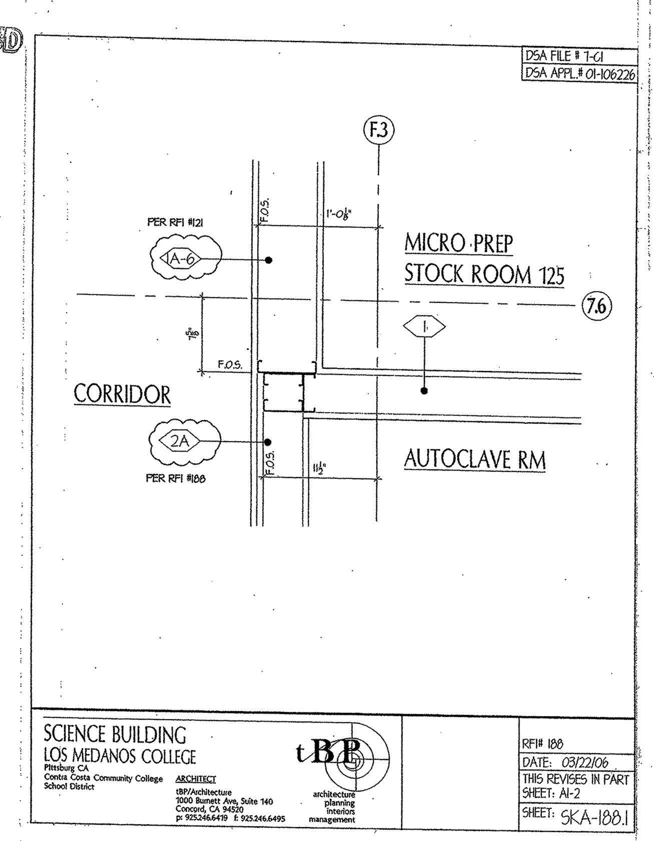
Attachments:
By: C. Chiang/tBP

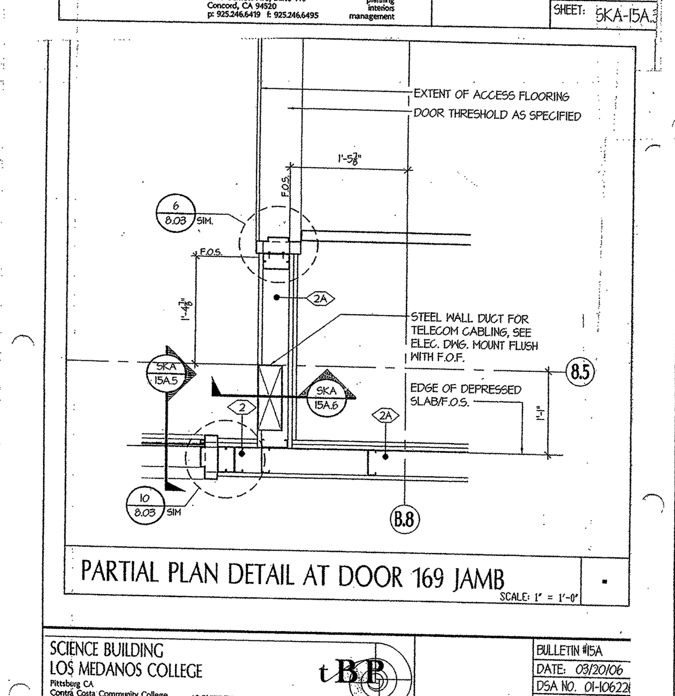
TRANSMITTAL RECORD:

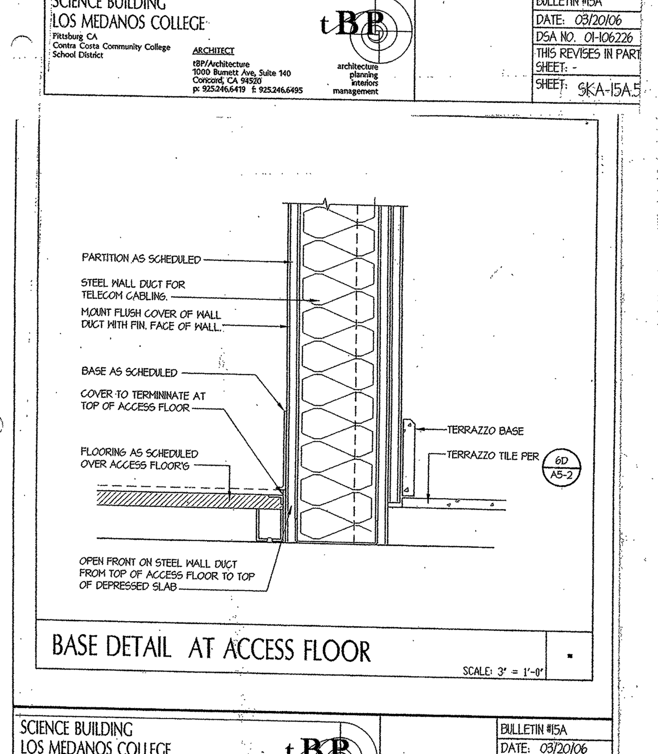
FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	~~3/13/06~~ 3.21.06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	3.22.06
S.J. AMOROSO	ORIGINATOR	

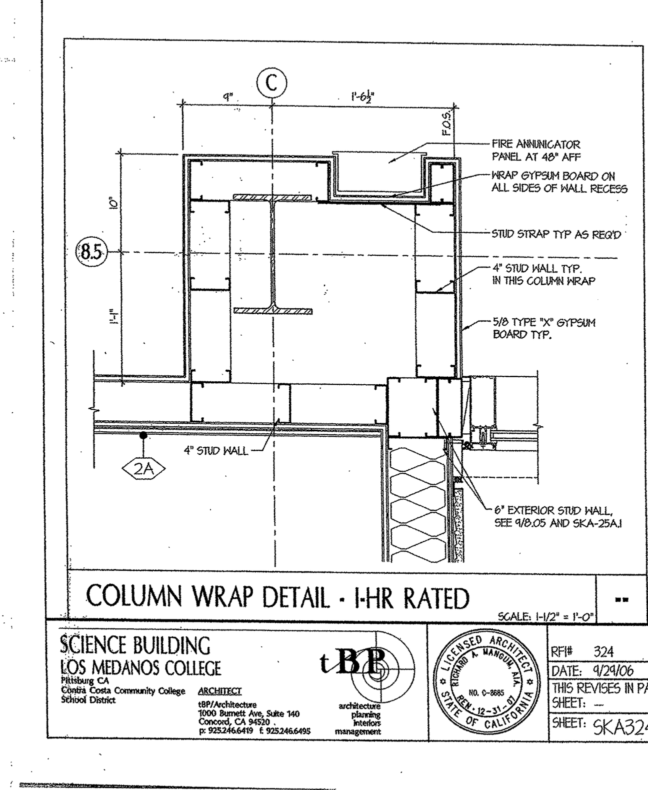
cc: CONCORD
MIGUEL

RFI # 000
Page 1

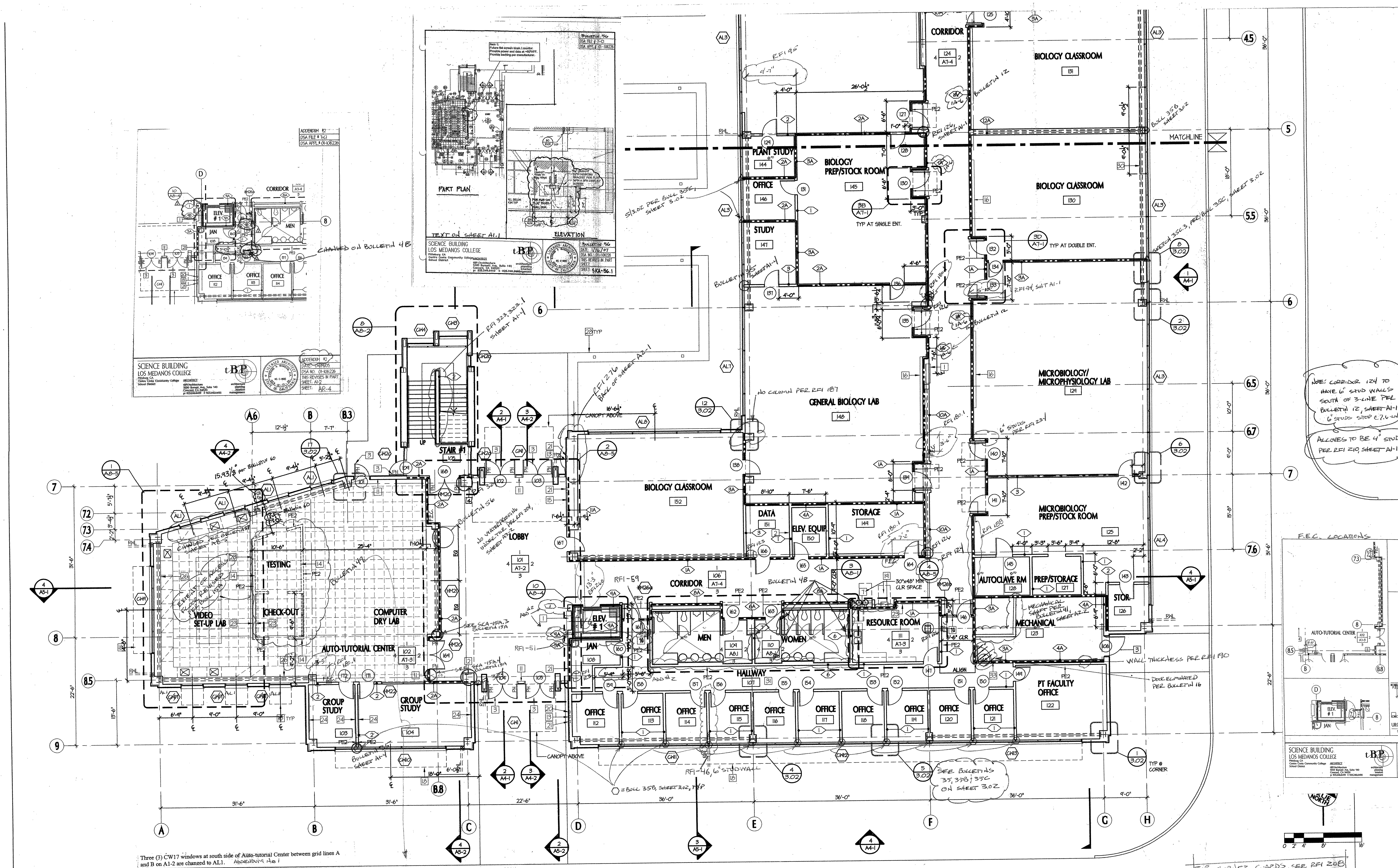








Los Medanos College
4CD Proj. #: L-565-B-23-SC
Science Building



Three (3) CW17 windows at south side of Auto-tutorial Center between grid lines A and B on A1-2 are changed to AL1. ADDENDUM No. 1

FOR CORNER GUARDS, SEE RFI 208

GENERAL NOTES :

1. REFER TO SHEET T-1 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS.

2. EXTERIOR WALLS

A. ALL EXTERIOR WALLS SHALL BE 6" METAL STUDS AT 16" O.C. REFER TO STUD SCHEDULE FOR GAUGES PER SHEET 4.02.

B. EXTERIOR FINISHES SHALL BE OVER ½" EXT. GYP. SHEATHING U.O.N. INTERIOR FACE SHALL BE ⅝" GYPSUM BOARD INSTALLED FULL HEIGHT TO STRUCTURE ABOVE.

3. INTERIOR PARTITIONS

A. ALL INTERIOR PARTITIONS SHALL BE 4" METAL STUDS AT 16" O.C. WITH ⅝" GYPSUM BOARD EACH SIDE U.O.N. REFER TO STUD SCHEDULE SHEET 4.01 FOR GAUGES. PARTITION TYPES ARE AS INDICATED ON PLANS AND SHEET 4.02.

B. REFER TO SHEET 4.01 FOR ADDITIONAL INFORMATION ON INTERIOR METAIL STUD FRAMING.

C. AT PARTITIONS INDICATED TO BE 1-HOUR OR 2-HOUR RATED (SEE LEGEND) ALL PENETRATIONS SHALL BE RATED OR DAMPERED PER CBC T24.

4. INSULATION

A. EXTERIOR WALLS: PROVIDE R-19 BATT INSULATION.

B. ROOFS: PROVIDE R-30 BATT BELOW METAL DECK.

C. INTERIOR STUD PARTITIONS: PROVIDE SOUND BATT INSULATION TYP. THROUGHOUT.

5. THE BUILDING SHALL BE FULLY FIRE-SPRINKLERED.

6. REFER TO LF1-1 AND LF2-1 FOR LAB FURNISHINGS AT ALL LABS

...ARDWARE, SEE DOOR SCHEDULE 8.01, 8.02

...ED ACCESSIBLE CLEARANCE ...GRAM ON 8.01

...RIOR PARTITION, SEE SHEET 4.02

...FERENCE, ...R SCHEDULES, SHEETS 8.01, 8.02

...EFERENCE, ...OW SCHEDULES, SHEETS 8.80, 8.81, 8.82

REQUIRED IN THIS ROOM (NUMBER = MIN. QUANTITY OF RECEIVERS REQUIRED) ALS NOT IN CONTRACT (PROVIDED BY OWNER)

EP =ELECTRICAL PANEL, SEE ELEC. DWGS

FEC = RECESSED FIRE EXTINGUISHER CABINET PER DETS. 11+12/4.03

RWL = 4" CAST IRON RAIN WATER LEADER IN WALL CONNECTED TO STORM DRAINAGE SYSTEM PER CIVIL DWGS

FIRST FLOOR PLAN PART "B" — 1

SCALE: 1/8"=1'-0"

WALL TYPES

NON-RATED PARTITION (TYPE PER PLAN)

1-HR FIRE RATED ASSEMBLY

FIRE RATED SHAFT WALL ASSEMBLY

1-HR FIRE RATED ASSEMBLY (OCCUPANCY SEPARATION)

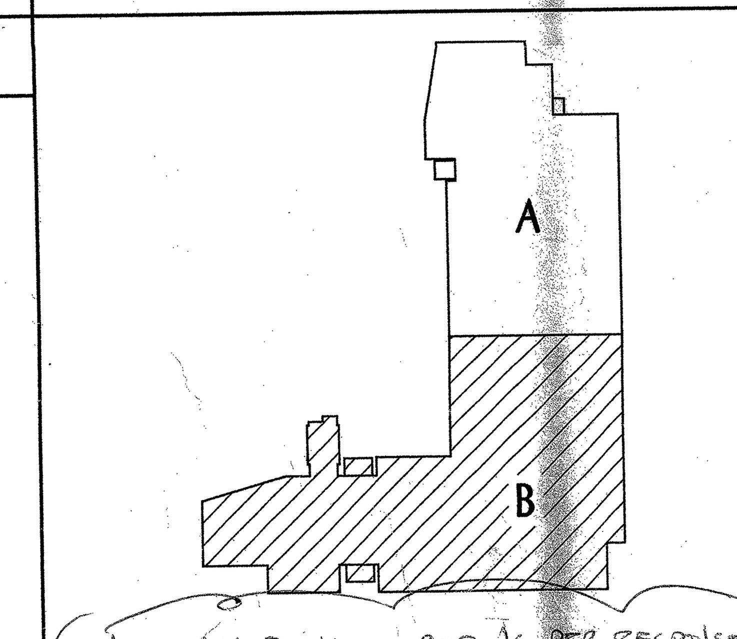
2-HR FIRE RATED ASSEMBLY (AT CHEMICAL WASTE STORAGE ONLY)

KEYNOTES

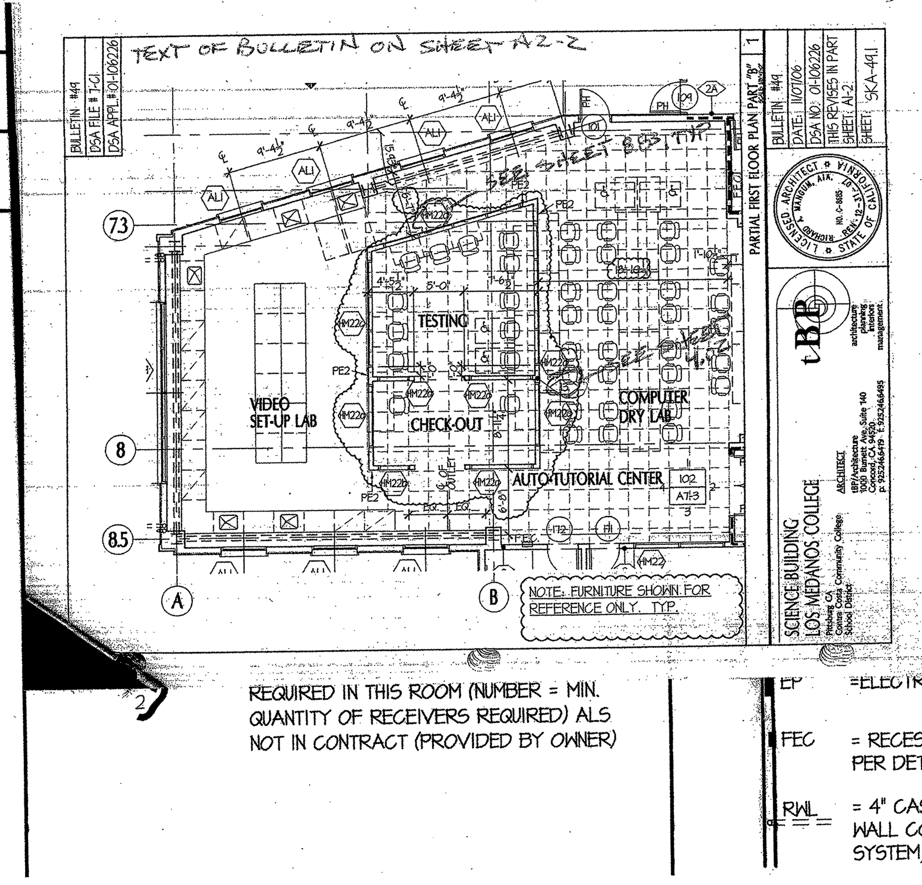
FOR LOCATIONS SEE RFI 260 SHEET A1-1

1. RECESSED DISPLAY CASEWORK PER DET. 10/4.04
2. PLYWOOD OVER BACKING ON INTERIOR WALL OF DATA ROOM PER TELECOM DWGS.
3. ISA SYMBOL ON DOOR PER DET. 10/11.01
4. MAX. OCCUPANT LOAD SIGNAGE PER DET. 16/11.01 FOR A-3 OCCUPANCY
5. ASSISTIVE LISTENING DEVICE SIGNAGE PER DET. 11/11.01
6. STAIR IDENTIFICATION SIGNAGE PER DET. 17/11.01
7. DRINKING FOUNTAIN PER DET. 10/4.05
8. STAIR EXIT SIGNAGE PER DET. 13/11.01
9. STAIR EXIT SIGNAGE PER DET. 12/11.01
10. TACTILE EXIT ROUTE SIGNAGE PER DET. 15/11.01
11. TACTILE EXIT SIGNAGE PER DET. 14/11.01
12. FIRE ANNUCIATOR PANEL 48" AFF PER FA DWGS
13. CONCEALED WALL HYDRANT +42" AFF
14. DEMOUNTABLE INTERIOR PARTITIONS BY OTHERS (N.I.C.)
15. RECESSED TACKBOARD CASEWORK PER DET. 2/4.04
16. 16'-0"W x 5'-0"H WALL MTD. WHITE BOARD B.O. BOARD +30" AFF
17. 12'-0"W X 5'-0"H WALL MTD. WHITE BOARD B.O.BOARD 30" AFF
18. HORIZ. ALUM. SUNSHADE (SHOWN "DASHED" IF LOCATED ABOVE) PER DET. 16/8.06
19. TELEPHONE (N.I.C.) BY OTHERS
20. FIRE DEPT. ACCESS BOX AS SPECIFIED, +42" AFF
21. AUTOMATIC DOOR OPENER AS SPECIFIED, +30" AFF
22. HOLD-OPEN DOORS AS SPECIFIED
23. 8'-0"W X 4'-0"H WALL MTD. TACKBOARD B.O.BOARD 30" AFF
24. 8'-0"W X 4'-0"H WALL MTD. WHITE BOARD B.O.BOARD 30" AFF
25. ROLL-DOWN FIRE SHUTTER AT COUNTER PER DET. 9/4.05
26. SILL HEIGHT GYP. BD. WALL PER DET. 15/6.01
27. LOW GYP BD. WALL PER DET. 19/6.01
28. CONCRETE PLANTER WALL PER LANDSCAPE DWGS
29. 16'-0"W x 5'-0"H WALL MTD. MANUAL HORIZ. SLIDING WHITE BOARD B.O. BOARD +30" AFF
30. STL. PIPE RAILING, PTD. PSG-2 PER DET. 20/10.02
31. CORRIDOR EXCEPTION PER CBC SECTION 1004.3.4.3
32. FREIGHT ELEVATOR - FOR HAZ. MAT USE ONLY
33. MECH. RM SIGNAGE - "FIRE SPRINKLER RISER LOCATED IN MECH. ROOM."

KEY PLAN



NOTE: ALL ROOM NUMBERING PER RESPONSE TO RFI 514 ON NEW SHEET A1-2 AT END OF SET



tBP
architecture planning interiors management
tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
FILE No. 7-C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

LOS MEDANOS COLLEGE
Contra Costa Community College District

tBP project number : 20241.00

file name: 1ST-FLR-PLAN

drawn by: MV checked by:

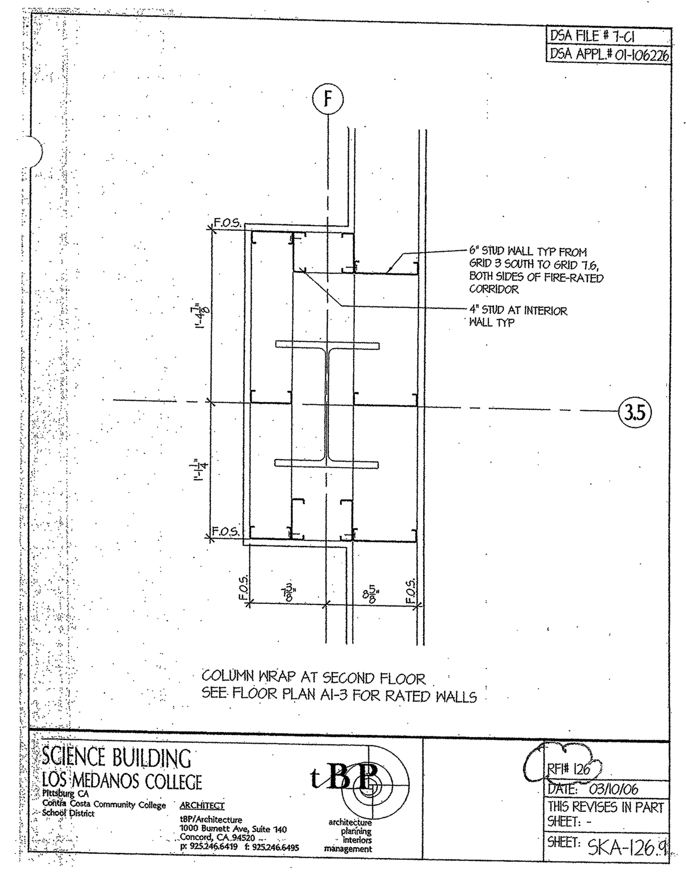
date: NOVEMBER 15, 2004

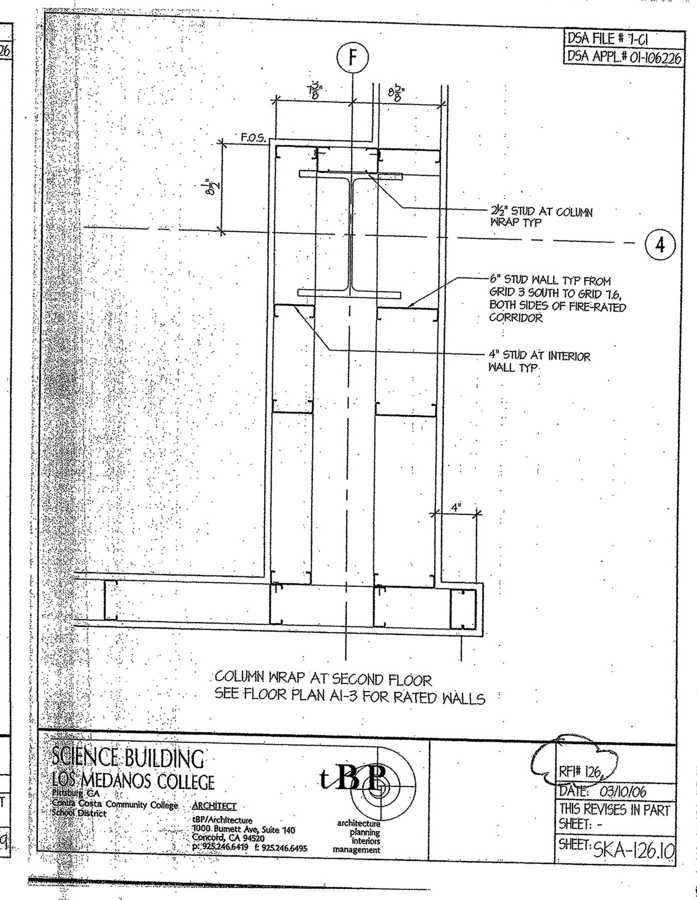
Rev.	date:	description:

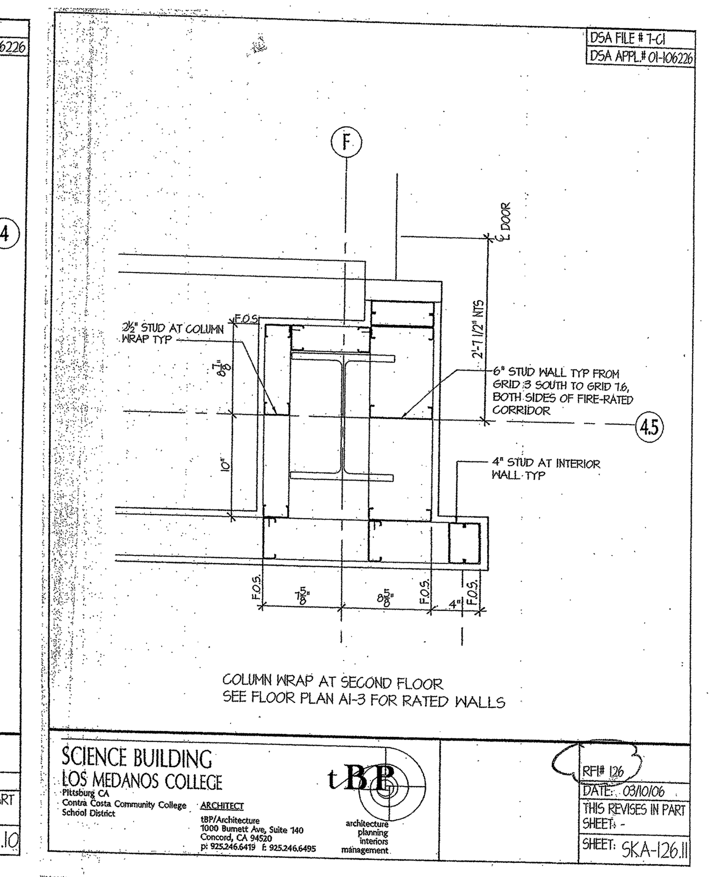
drawing title:
FIRST FLOOR PLAN PART "B"

LMC SCIENCE 313-023-112.01-0-00.00

drawing no.: A1-2







S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Type 13A wall

RFI No: 130
Subcontractor RFI#

Reference (dwg, spec): A1-3, 4.02

Reply Requested By: 2/10/06

INFORMATION REQUESTED: Date: 2/3/06
On sheet A1-3, alone F-line at approximately 2.2-line and also at approximately 2.8-line there are wall type call outs for type 13A walls. However, on sheet 4.02 there is no type 13A wall. Please either re-designate the wall type in this location or provide a detail for type 13A walls. In either case, please provide information on wall thickness.

SUGGESTED SOLUTION:

Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: DATE: 2.20.06
See revised detail 13/3.02 for wall thickness at wall type 13A.
Note that typical dimension of F.O.S. at exterior wall is 1'-5 1/2" from grid line and F.O.S. at interior wall between grid 2 and grid 3 is 8 5/8" as shown.

Attachments:

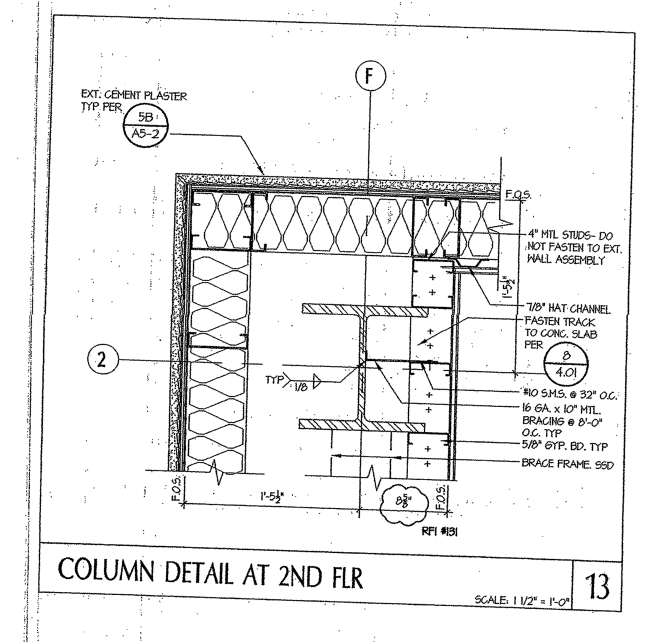
By: C. Chiang/tBP

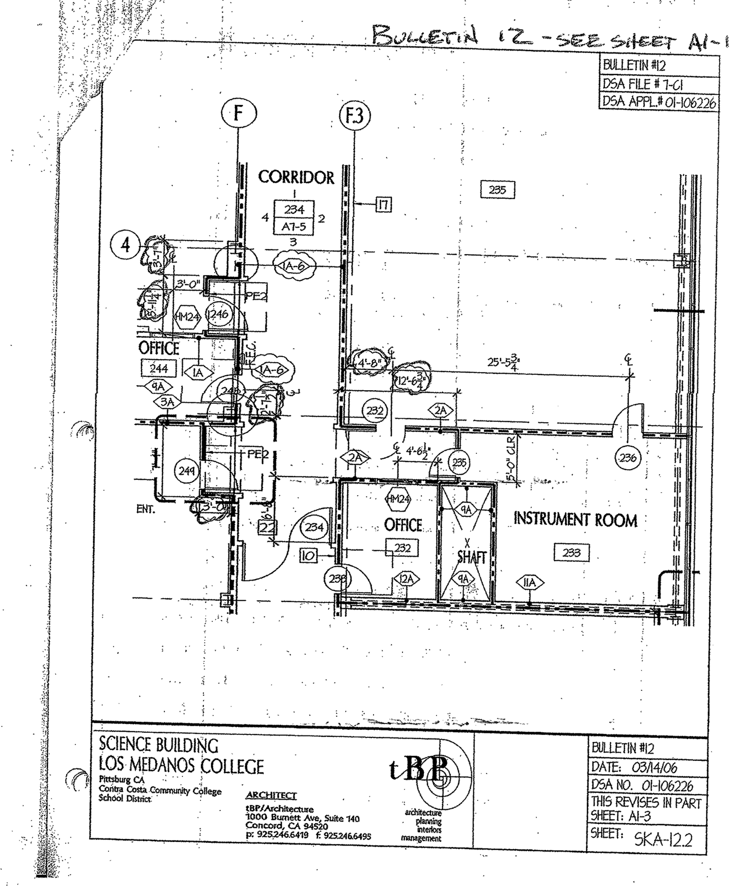
TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	2/3/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	2.20.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

CC: MIGUEL





S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Layout of 2nd floor F-line corridor

RFI No: 131
Subcontractor RFI#

Reference (dwg, spec): A1-3, A1-4, 3.02

Reply Requested By: 2/10/06

INFORMATION REQUESTED: Date: 2/3/06
Review of sheets A1-3 and A1-4 to determine layout of the F-line corridor depicts a single detail that defines the F-line corridor location. Detail 13/3.02 defines F.O.F. for the F-line side of the corridor as 8" east of F-line. Please confirm that this in fact defines the location of F.O.F. for the entire corridor.
We can find no information to define the F.O.F location for the east side of this same corridor, other than the 8'-8" corridor width. Please confirm that the east side F.O.F. corridor location is to be 8'-8" plus 8" east of F-line for a location of 9'-4" east of F-line.

SUGGESTED SOLUTION:

Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: DATE: 2.20.06
See revised detail 13/3.02 - note that F.O.S. dimension from grid F is 8 5/8".
4" stud wall to remain between grid 2 and grid 3.
Finish face clear dimension at corridor shall be 8'-6". See response to RFI #121 - SHEET A1-1
for F.O.S. dimension at east side of corridor. Stud walls on both side of corridor to align from first floor to second floor.

Attachments:

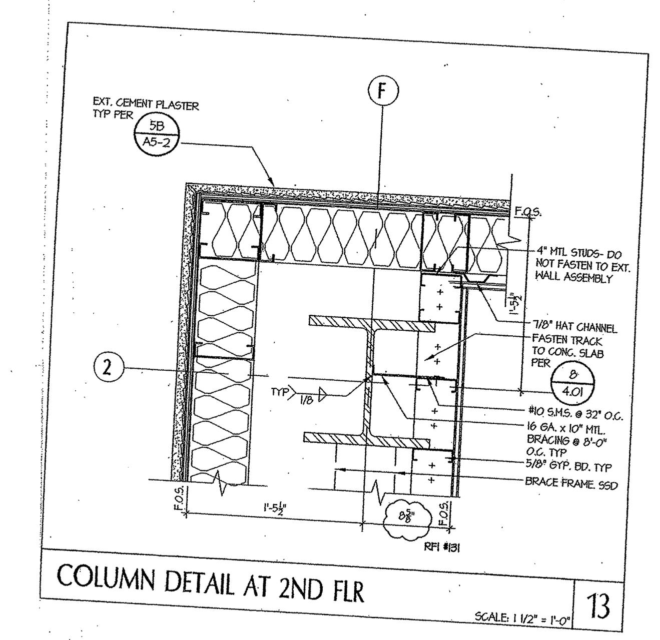
By: C. Chiang/tBP

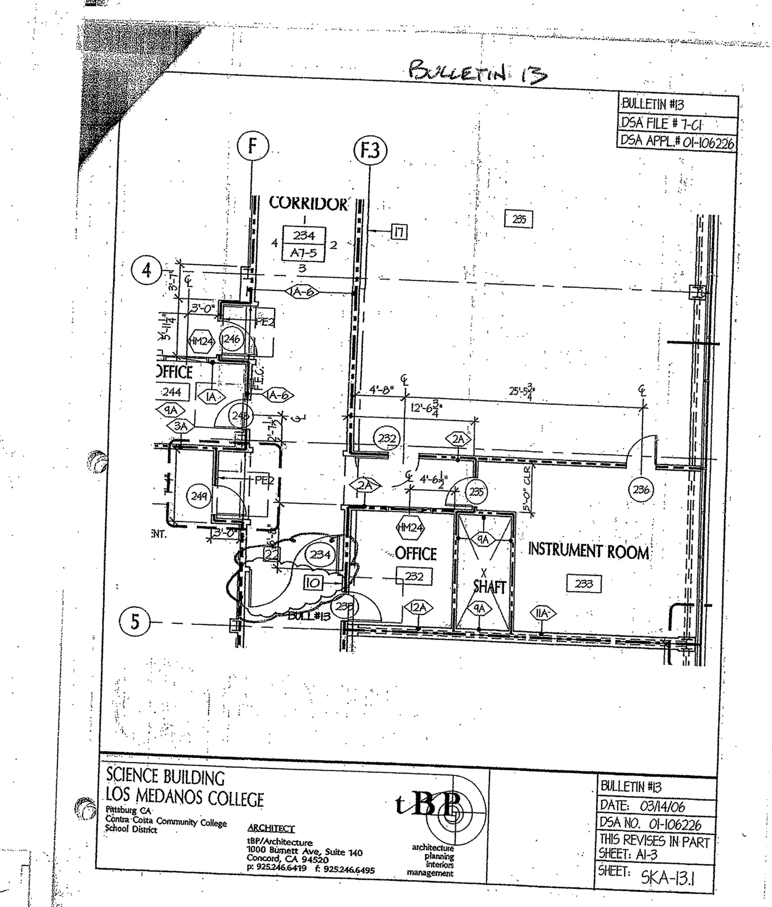
TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	2/3/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	2.20.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

CC: MIGUEL





S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Door alcove dimensions on 2nd floor

RFI No: 335
Subcontractor RFI: Concord

Reference (dwg, spec.):

Reply Requested By: 9/6/06

INFORMATION REQUESTED: Date: 8/30/06

Per details 3B and 3D on sheet A7.1, single and double door alcoves are typically 3'-0" deep. However, several alcoves on the 2nd floor are given specific dimensions of either 2'-4" deep or 2'-6" deep. When the doors in these alcoves are opened, they will protrude into the hallway itself.

Please confirm if we are to follow the specific 2'-4" and 2'-6" dimensions or the typical 3'-0" dimension.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Justin Warren

RESPONSE: DATE: 09/06/06

Frame as indicated on A1-3

Jeff Mills

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Relocation of 2nd floor fire extinguisher

RFI No: 348
Subcontractor RFI:

Reference (dwg, spec.): A1-3, response to RFI 180.1

Reply Requested By: 9/21/06

INFORMATION REQUESTED: Date: 9/14/06

Per sheet A1-3 and response to RFI 180.1, there is a fire extinguisher on the west wall of corridor 234 just north of 2.6-line. However, there is a physical conflict between an extinguisher at this location and the lecture hall 141 roof deck. We suggest that this fire extinguisher can be relocated directly opposite the corridor to the east wall. Please advise if this is acceptable or provide direction otherwise.

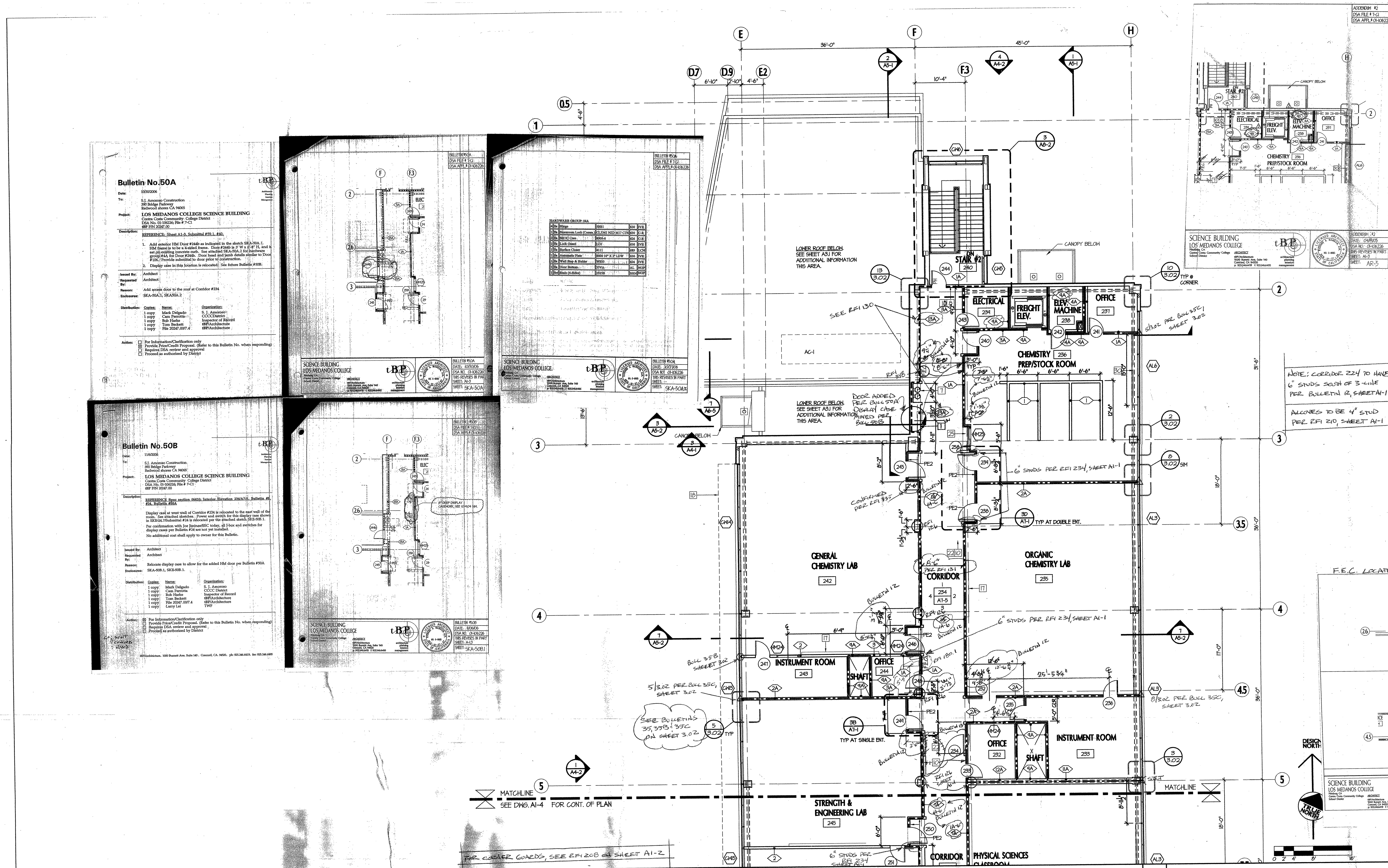
SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Justin Warren

RESPONSE: DATE:

No exception to relocated the (1) fire extinguisher as noted above.

Vanessa Ling/tBP - 9/29/06

RFI # 000
Page 1



SECOND FLOOR PLAN PART "A" 1

SCALE: 1/8"=1'-0"

GENERAL NOTES :

1. REFER TO SHEET T-1 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS.

2. EXTERIOR WALLS

A. ALL EXTERIOR WALLS SHALL BE 6" METAL STUDS AT 16" O.C. REFER TO STUD SCHEDULE FOR GAUGES PER SHEET 4.02.

B. EXTERIOR FINISHES SHALL BE OVER 1/2" EXT. GYP. SHEATHING U.O.N. INTERIOR FACE SHALL BE 5/8" GYPSUM BOARD INSTALLED FULL HEIGHT TO STRUCTURE ABOVE.

3. INTERIOR PARTITIONS

A. ALL INTERIOR PARTITIONS SHALL BE 4" METAL STUDS AT 16" O.C. WITH 5/8" GYPSUM BOARD EACH SIDE U.O.N. REFER TO STUD SCHEDULE SHEET 4.01 FOR GAUGES. PARTITION TYPES ARE AS INDICATED ON PLANS AND SHEET 4.02.

B. REFER TO SHEET 4.01 FOR ADDITIONAL INFORMATION ON INTERIOR METAIL STUD FRAMING.

C. AT PARTITIONS INDICATED TO BE 1-HOUR OR 2-HOUR RATED (SEE LEGEND) ALL PENETRATIONS SHALL BE RATED OR DAMPERED PER CBC T24.

4. INSULATION

A. EXTERIOR WALLS: PROVIDE R-19 BATT INSULATION.

B. ROOFS: PROVIDE R-30 BATT BELOW METAL DECK.

C. INTERIOR STUD PARTITIONS: PROVIDE SOUND BATT INSULATION TYP. THROUGHOUT.

5. THE BUILDING SHALL BE FULLY FIRE-SPRINKLERED.

6. REFER TO LF1-1 AND LF2-1 FOR LAB FURNISHINGS AT ALL LABS.

LEGEND :

NOTE: REFER TO SHEET T-1 FOR ADDITIONAL SYMBOLS

INDICATES STRUCTURAL BRACE FRAME PER **STRUCT. DWGS**

DEMOUNTABLE INTERIOR PARTITIONS (N.I.C.)

RAISED ACCESS FLOOR SYSTEM

PE- INTERIOR PAINT COLOR AS SPECIFIED, SEE FINISH SCHEDULE SHEET **9.01**

ALS (ASSISTED LISTENING DEVICE) REQUIRED IN THIS ROOM (NUMBER = MIN. QUANTITY OF RECEIVERS REQUIRED) ALS NOT IN CONTRACT (PROVIDED BY OWNER)

PH PANIC HARDWARE, SEE DOOR SCHEDULE **8.01, 8.02**

= REQUIRED ACCESSIBLE CLEARANCE PER DIAGRAM ON 8.01

2 = INTERIOR PARTITION, SEE SHEET **4.02**

227 = DOOR REFERENCE, SEE DOOR SCHEDULES, SHEETS **8.01, 8.02**

AL = WINDOW REFERENCE, SEE WINDOW SCHEDULES, SHEETS **8.80, 8.81, 8.82**

EP =ELECTRICAL PANEL, SEE **ELEC. DWGS**

FEC = RECESSED FIRE EXTINGUISHER CABINET PER DETS. **11+12/4.03**

WL = 4" CAST IRON RAIN WATER LEADER IN WALL CONNECTED TO STORM DRAINAGE SYSTEM PER **CIVIL DWGS**

WALL TYPES

NON-RATED PARTITION (TYPE PER PLAN)

1-HR FIRE RATED ASSEMBLY

FIRE RATED SHAFT WALL ASSEMBLY

1-HR FIRE RATED ASSEMBLY (OCCUPANCY SEPARATION)

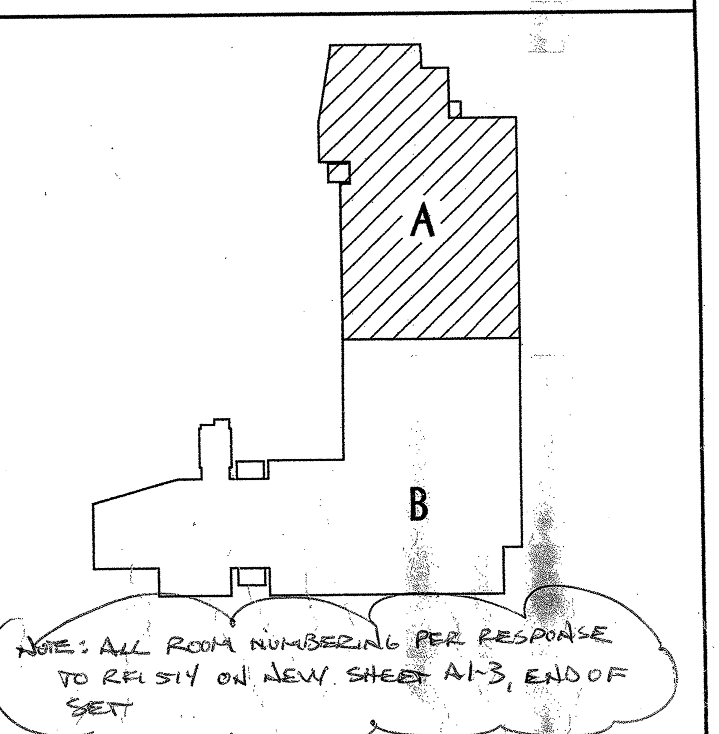
2-HR FIRE RATED ASSEMBLY (AT CHEMICAL WASTE STORAGE ONLY)

KEYNOTES

FOR LOCATIONS SEE RFI 260 SHEET A1-1

1. RECESSED DISPLAY CASEWORK PER DET. **10/4.04**
2. PLYWOOD OVER BACKING ON INTERIOR WALL OF DATA ROOM PER **TELECOM DWGS.**
3. ISA SYMBOL ON DOOR PER DET. **10/11.01**
4. MAX. OCCUPANT LOAD SIGNAGE PER DET. **16/11.01** FOR A-3 OCCUPANCY
5. ASSISTIVE LISTENING DEVICE SIGNAGE PER DET. **11/11.01**
6. STAIR IDENTIFICATION SIGNAGE PER DET. **17/11.01**
7. DRINKING FOUNTAIN PER DET. **10/4.05**
8. STAIR EXIT SIGNAGE PER DET. **13/11.01**
9. STAIR EXIT SIGNAGE PER DET. **12/11.01**
10. TACTILE EXIT ROUTE SIGNAGE PER DET. **15/11.01**
11. TACTILE EXIT SIGNAGE PER DET. **14/11.01**
12. FIRE ANNUCIATOR PANEL 48" AFF PER **FA DWGS**
13. CONCEALED WALL HYDRANT +42" AFF
14. DEMOUNTABLE INTERIOR PARTITIONS BY OTHERS (N.I.C.)
15. RECESSED TACKBOARD CASEWORK PER DET. **2/4.04**
16. 16'-0"W x 5'-0"H WALL MTD. WHITE BOARD B.O. BOARD +30" AFF
17. 12'-0"W X 5'-0"H WALL MTD. WHITE BOARD B.O.BOARD 30" AFF
18. HORIZ. ALUM. SUNSHADE (SHOWN "DASHED" IF LOCATED ABOVE) PER DET. **16/8.06**
19. TELEPHONE (N.I.C.) BY OTHERS
20. FIRE DEPT. ACCESS BOX AS SPECIFIED, +42" AFF
21. AUTOMATIC DOOR OPENER AS SPECIFIED, +30" AFF
22. HOLD-OPEN DOORS AS SPECIFIED
23. 8'-0"W X 4'-0"H WALL MTD. TACKBOARD B.O.BOARD 30" AFF
24. 8'-0"W X 4'-0"H WALL MTD. WHITE BOARD B.O.BOARD 30" AFF
25. ROLL-DOWN FIRE SHUTTER AT COUNTER PER DET. **9/4.05**
26. SILL HEIGHT GYP. BD. WALL PER DET. **15/6.01**
27. LOW GYP BD. WALL PER DET. **19/6.01**
28. CONCRETE PLANTER WALL PER **LANDSCAPE DWGS**
29. 16'-0"W x 5'-0"H WALL MTD. MANUAL HORIZ. SLIDING WHITE BOARD B.O. BOARD +30" AFF
30. STL. PIPE RAILING, PTD. PSG-2 PER DET. **20/10.02**
31. CORRIDOR EXCEPTION PER CBC SECTION 1004.3.4.3
32. FREIGHT ELEVATOR - FOR HAZ. MAT USE ONLY
33. MECH. RM SIGNAGE - "FIRE SPRINKLER RISER LOCATED IN MECH. ROOM."

KEY PLAN



NOTE: ALL ROOM NUMBERING PER RESPONSE TO RFI 514 ON NEW SHEET A1-3, END OF SET

tBP architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

LICENSED ARCHITECT RICHARD A. MANGUM, AIA. NO. C-8665 REN. 12-31-05 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
AC FLS SS
DATE 1-12-05

FILE No. 7-C1

Division of the State Architect
Regional Office
1515 Clay St, Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

tBP project number : 20247.00

file name: 2ND-FLR-PLAN

drawn by: MV, VL checked by:

date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:

SECOND FLOOR PLAN PART "A"

LMC SCIENCE 313-023-112.01-0-00.00

drawing no.:

A1-3

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Storage room 226 south wall change from 4" to 6" studs
RFI No: **118**
Reference (dwg, spec): A1/4
Subcontractor RFI#
Reply Requested By: 2/9/06

INFORMATION REQUESTED: Date: 2/2/06
This RFI is written to confirm our understanding of a change to be made as agreed to during our Feb 1 site meeting involving the mechanical engineer and mechanical subcontractors. We understand that the south wall of room 226 is to be changed from a 4" stud wall to a 6" stud wall. The south plane of that wall is to remain as it is now, in line with the shaft wall to the west so that the 2" of "growth" are to be into room 226. Please confirm.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 2.3.06
IN ORDER TO ACCOMMODATE HYDRONIC PIPING THE SOUTH WALL OF STORAGE ROOM 226, THE WALL WILL BE A 6" STUD WALL.

Attachments:
By: C. CHIANG / tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	2/1/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	2.3.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Incorrect callout for detail 9/A8-6
RFI No: **125**
Reference (dwg, spec): A1-4, A8-6
Subcontractor RFI#
Reply Requested By: 2/10/06

INFORMATION REQUESTED: Date: 2/3/06
Review of sheet A1-4 reveals a callout for blowup detail 9/A8-6 for the room 229 lecture hall at 7-line east of the corridor. However, this detail does not exist. It appears that the correct callout would be to reference detail 4/A8-6 in lieu of 9/A8-6. Please confirm.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 2.3.06
ENLARGED PLAN FOR LECTURE HALL 229 IS 4/A8-6.

Attachments:
By: C. CHIANG / tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	2/3/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	2.3.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

CC: CONCORD
MIGUEL

Post Drawings

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: 4" RWL will not fit in 4" wall
RFI No: **46**
Reference (dwg, spec): P1.3, A1.2, A1.4, 4.02
Subcontractor RFI: Dowdle fax
Reply Requested By: 12/6/05

INFORMATION REQUESTED: Date: 11/29/05
On sheets P1.3 a 4" RWL and 4" ORWL are shown in the wall to the west of E-line. On sheet A1.4 this wall is between rooms 217 and 218 on the second floor on sheet A1.2 this wall is between rooms 114 and 115 on the first floor. This wall is type 1 on both floors which is a 4" wall. 4" piping with fittings will not fit within this wall thickness. Please advise.

SUGGESTED SOLUTION: Change wall thickness to 6".
Attachments: None
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:
Partition between rooms 114, 115 at first Floor and 217, 218 at second floor shall be changed to 6" stud wall to accomodate 4" RWL

Attachments:
By:

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	11/29/05
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Column wrap on second floor where there is no column
RFI No: **191**
Reference (dwg, spec.): A1-4.
Subcontractor RFI:
Reply Requested By: 3/27/06

INFORMATION REQUESTED: Date: 3/20/06
Similar to RFI No. 187 on the first floor, a column is shown on the second floor of the architectural floor plans at the intersection of 6.7-line and E-line where there is no column. Please confirm that no column wrap is to occur since there is no column.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 3.21.06
Similar to response to RFI #187: confirmed with structural that there is no structural column at grid E-6.7 at first or second floors. Delete column wrap
Attachments: detail 12/3.02.
By: C. Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	~~3/13/06~~ 3.21.06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	3.21.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

NOTE: SEE BULLETINS 35, 35B & 35C ON SHEET 3.02

E-MAILED 5.18.06

SPEC'D

Bulletin No.35

Date: May 18, 2006 REV 5/19/06
To: S.J. Amoroso Construction, 390 Bridge Parkway, Redwood shores CA 94065
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:
REFERENCE: Sheet 3.02, Submittal #77:

Clarification to intersection of interior wall with perimeter strip window:

See attached detail SKA-35.1 for proposed infill at intersection of interior partition wall at vertical mullion where there is no vertical TS frame member.

See attached plan sketches of first and second floor for locations – ~~four~~ TWO locations at first floor and one location at second floor. Contractor to advise Architect if there are any additional locations where this infill is required.

Note that extruded aluminum channel at wall (wall cap) is noted on detail 5/3.02 as by window manufacturer, but is not shown on details of Submittal #77. Contractor to verify that this wall cap is in the scope of work of the curtainwall/storefront sub-contractor or another trade's scope of work.

Issued By: Architect
Requested By: Architect
Reason: Clarification to intersection of interior wall with perimeter strip window
Enclosures: SKA-35.1

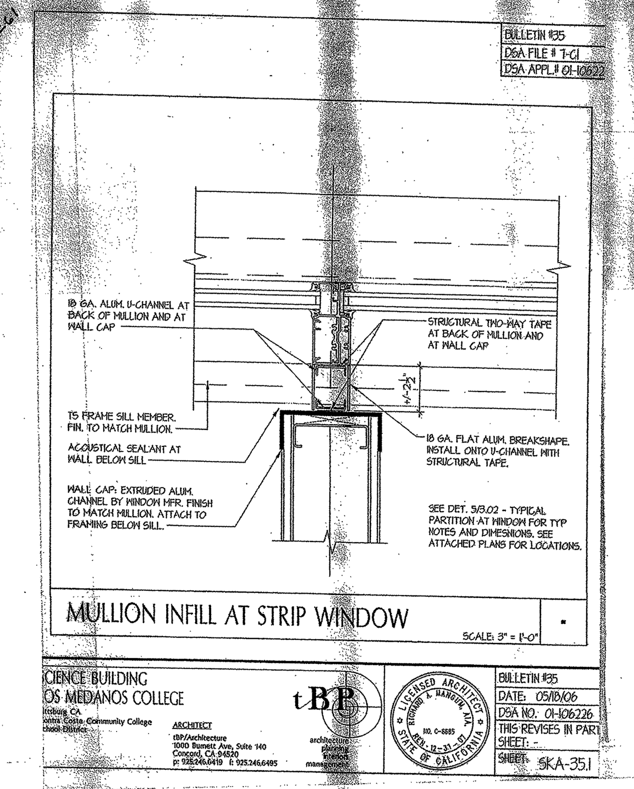
Distribution:

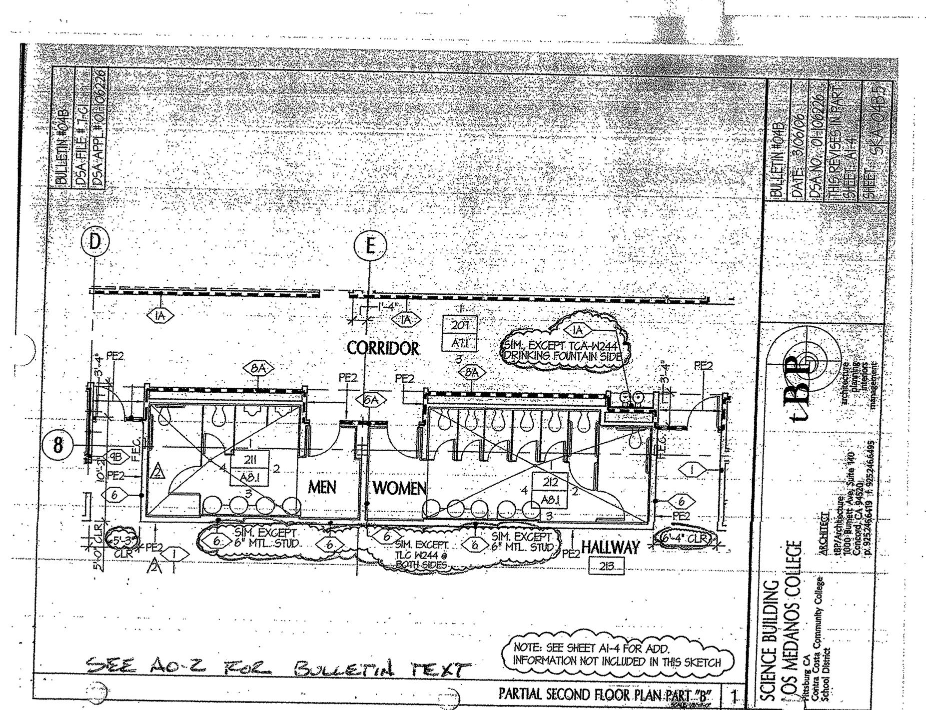
Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

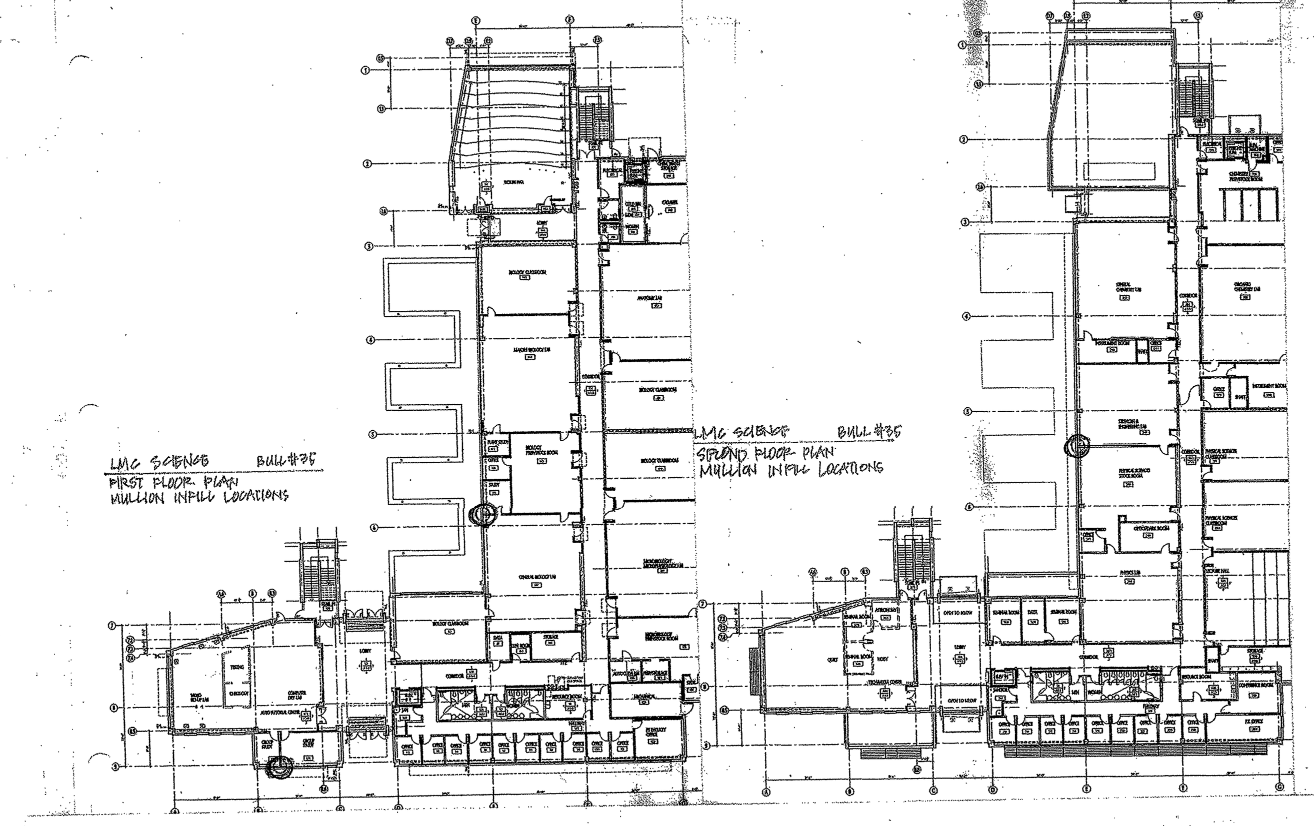
Action:
☒ For Information/Clarification only
☒ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
☐ Requires DSA review and approval
☐ Proceed as authorized by District

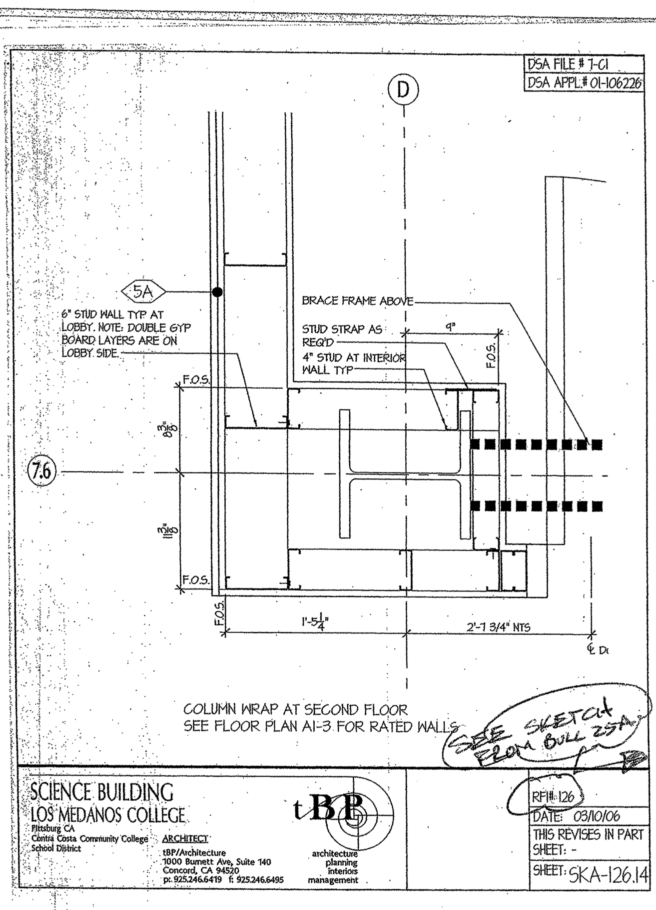
cc: CAPITOL GLASS
: CONCORD

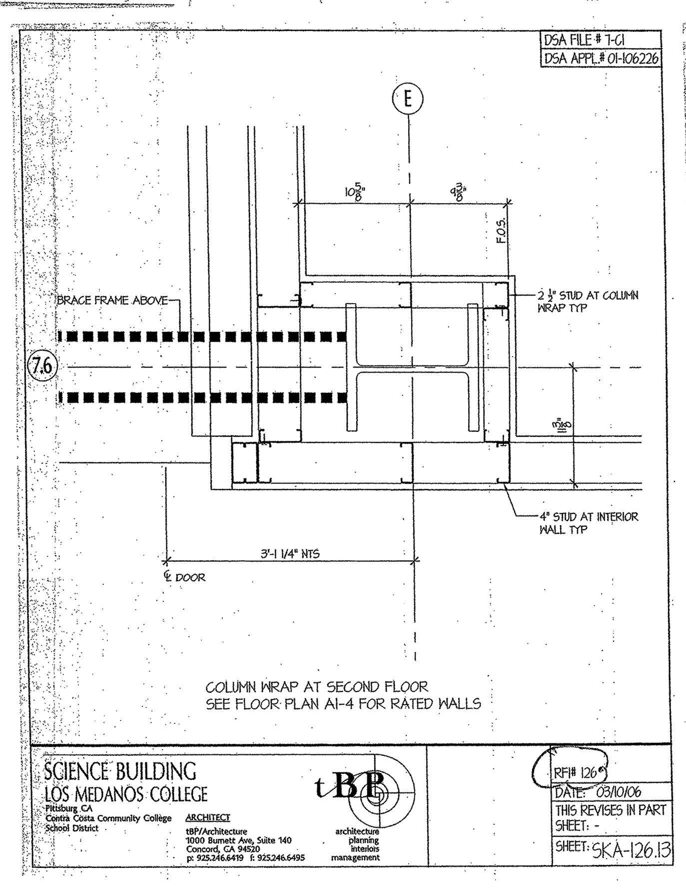
tBP/Architecture 1000 Burnett Ave. Suite 140 Concord, CA. 94520 ph: 925.246.6419 fax: 925.246.6495

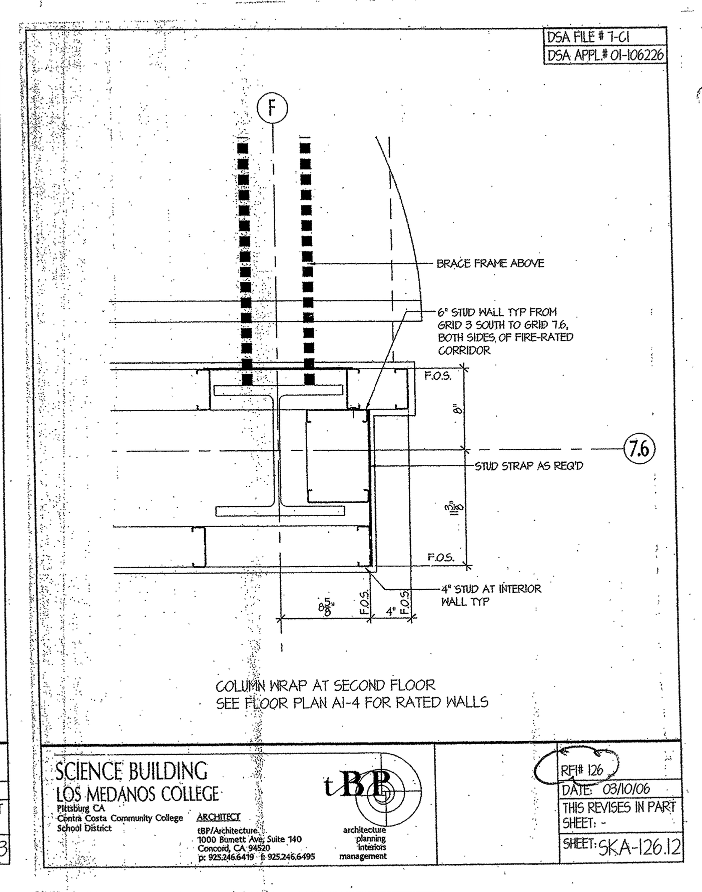


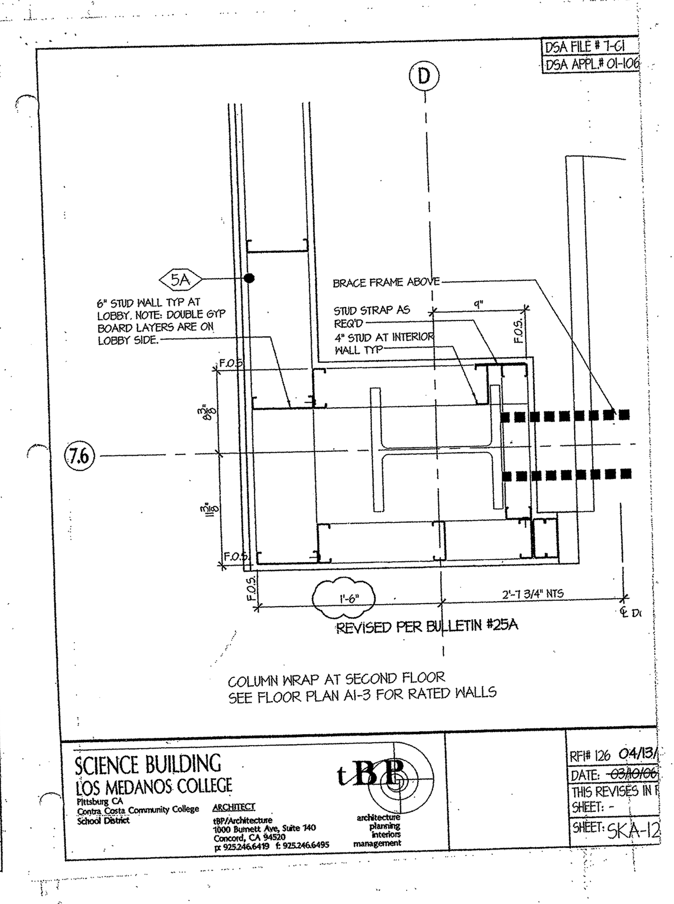












S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: 7 Light and Low Voltage Switches in Room 203
RFI No: **397**
Reference (dwg, spec.): E-1.4, FA-1.4
Subcontractor RFI: EWS 51
Reply Requested By: 10/27/06

INFORMATION REQUESTED: Date: 10/20/06
Please note the attached EWS RFI No. 51 regarding the Seven Light and Low Voltage Switches in Room 203 which cannot be installed where shown due to a fire extinguisher cabinet. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:
Relocate the fire extinguisher cabinet per attached sketch SKA397.1.

Vanessa Ling/tBP - 10/23/06

RFI # 000
Page 1

EDWARD W. SCOTT ELECTRIC CO., INC.
435 HARRIET STREET
San Francisco, CA 94103-4914
Phone: (415) 626-0701 Fax: (415) 626-2837

REQUEST FOR INFORMATION

397

PROJECT: LMC SCIENCE BLDG. R.F.I.# 51 R.F.I. Date 10/20/06
JOB: 2451 ACTUAL REPLY DATE

TO: MARK DELGADO
OF: AMOROSO CONST.
REF: DWG: E-1.4, FA-1.4
LOCATION: TECH./MEDIA CTR, RM 203

POTENTIAL COST IMPACT
__ COST ✓ SCHEDULE
__ OTHER __ LABOR
__ NO IMPACT __ MATERIAL

INFORMATION REQUESTED: DUE TO A FIRE EXTINGUISHER CAB. WE ARE UNABLE TO INSTALL THE 7 LT. OR LOW VOLTAGE SWITCHES WHERE SHOWN IN RM 203. IS IT POSIBLE TO MOVE THE FIRE EXTINGUISHER?
PLEASE ADVISE.

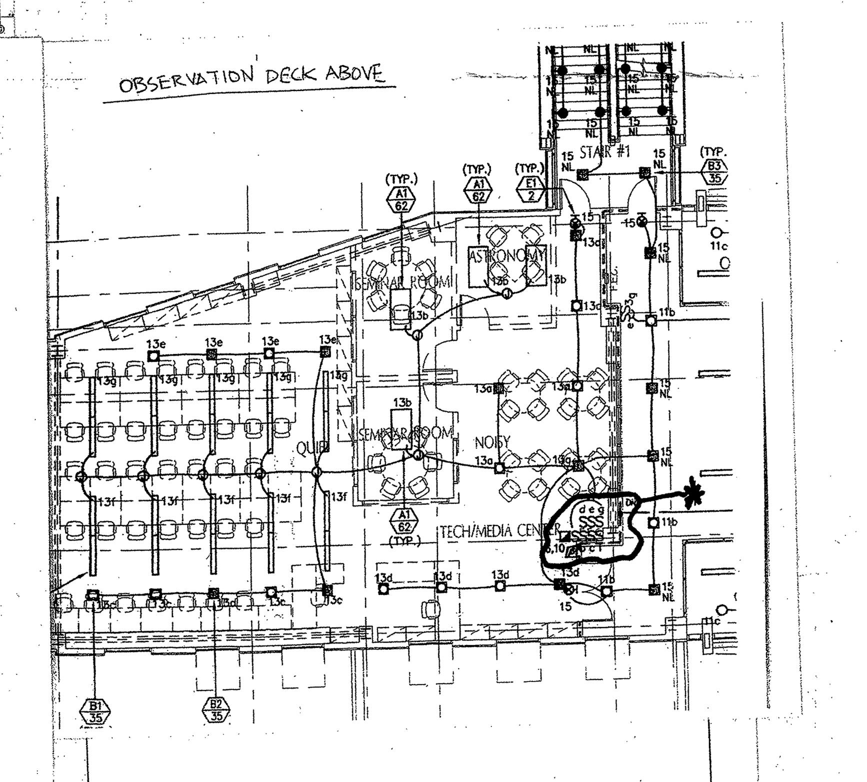
REPLY REQUIRED BY: ASAP SIGNED:
NOTE: IF NO REPLY IS RECEIVED BY US BY THE ABOVE NOTED DATE, A TIME EXTENSION WILL BE REQUIRED WITH POSSIBLE COST IMPACTS.

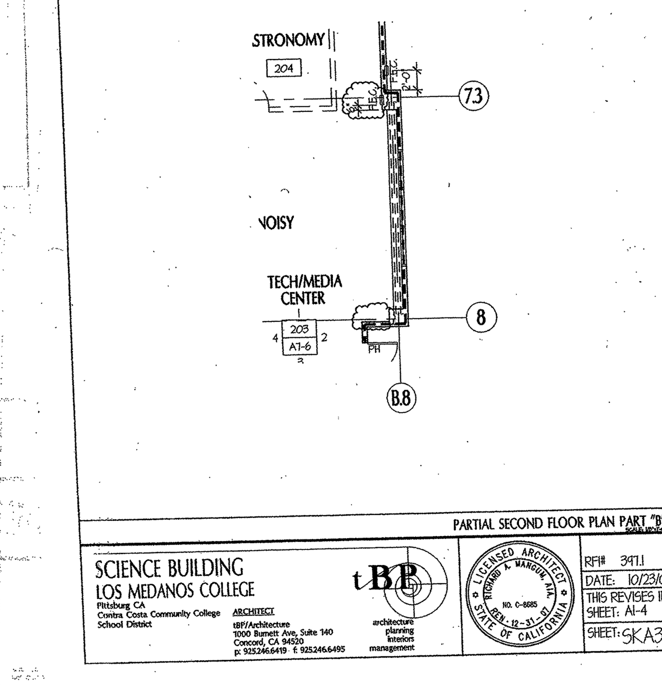
RESPONSE:

DATED: SIGNED:

RFIDOC.99

INDUSTRIAL, COMMERCIAL WIRING & DESIGN
STATE CONTRACTOR LICENSE NO. 190426





S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Clarification of submittal 32 review comments regarding handrail dimension
RFI No: **173**
Reference (dwg, spec.) E20 of submittal 32
Subcontractor RFI: RSC No. 57
Reply Requested By: 3/2/06

INFORMATION REQUESTED: Date: 3/2/06
See attached Roscoe RFI No. 57 in which they as for two items of clarification to review comments made to the misc. metal submittal, no. 32.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 3.9.06
See red-marks on attached sketch from Submittal #32 for dimensions and attached sketch SKA-173.1 for pipe railing return detail.

Attachments:
By: C. Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	3/2/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	3.9.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

CC: CONCORD DRYWALL

Roscoe Steel & Culvert Company
ROSCOE STEEL & CULVERT CO.
2847 Hesper Road
Billings, MT 59102-6735
Telephone: 406-656-2253 Fax: 406-656-8576

RFI # 57

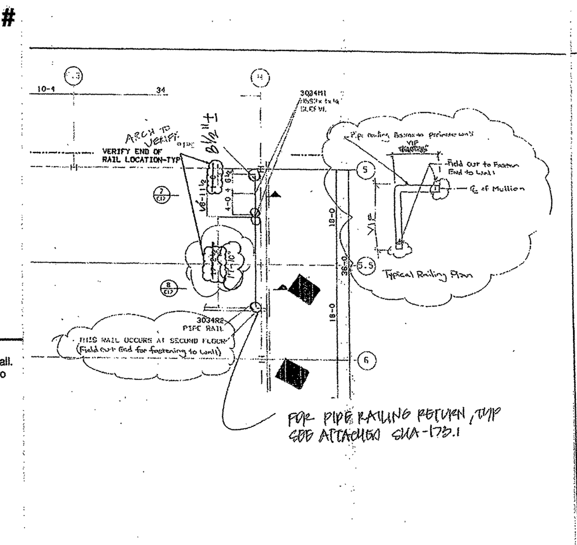
Subcontractor REQUEST FOR INFORMATION

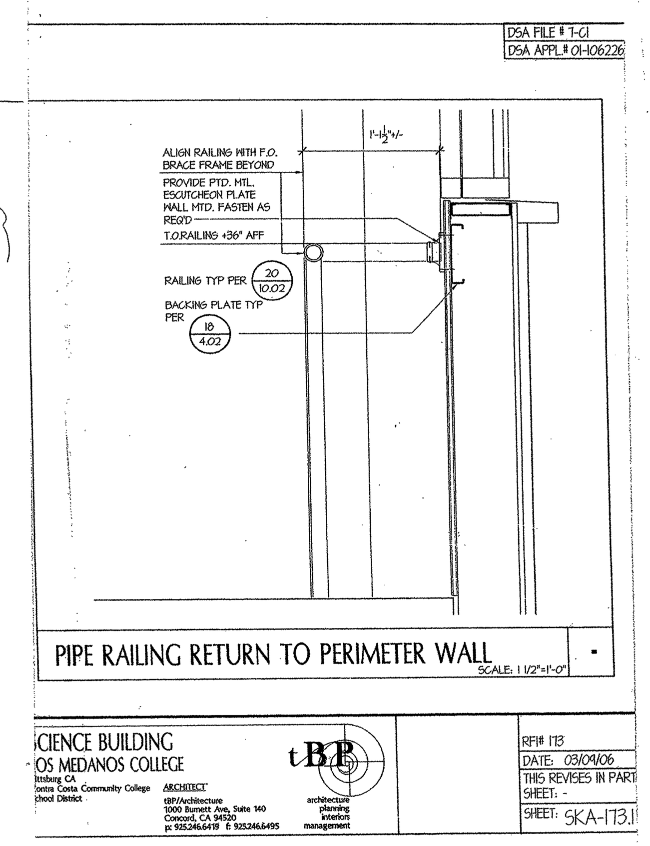
To: Justin Warren Date: 3/2/2006
Job: Los Medanos College - Science Building Date Requested By: 3/9/2006
Job # 08187
Customer: S.J. Amoroso Const., Inc Architectural Clarification

Any delay in forwarding information to Roscoe Steel & Culvert Company by the requested date **MAY DELAY THE COMPLETION SCHEDULE.** Time is of the essence. Your immediate attention is requested. **PLEASE RESPOND.**

Request:
Comments on Approval submittal #32, sheet E20, revise the railing from free standing to being tied to the adjacent wall. The notations from the approver are for the Architect to verify the dimensions for the railing (see attached sketch). No dimensions were provided. Please review and provide the following:
1) What is the location of the railing, related to the adjacent parallel grid?
2) How is the rail to attach to the exterior wall?

Response:
See attached sketches.





S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Stair wall thickness
RFI No: **323**
Reference (dwg, spec.): A1-2, A1-4
Subcontractor RFI:
Reply Requested By: 8/24/06

INFORMATION REQUESTED: Date: 8/17/06
Per drawings A1-2 and A1-4, a type 2 wall is to be installed as the center wall in stair no. 1. This wall type has 4" studs and the final installation will result in gaps between the face of the wall and the edge of the stair treads, which may become an avenue for trash or debris. Is this gap desirable? Perhaps adding sheetrock, upsizing to 6" studs or adding some sort of "baseboard" trim would resolve this gap.

Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: Jeff Mills DATE: 08/30/06
Per our site meeting discussion on 08/29/06 a 6" stud will not fit at the location mentioned above. Please provide a 4" stud as discussed and tell us how big the gap is with a recommendation so tBP can provide a fix at this location.

RFI # 000
Page 1

cc: CONCORD

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Stair wall thickness
RFI No: **323.1**
Reference (dwg, spec.): A1-2, A1-4
Subcontractor RFI:
Reply Requested By: 8/24/06

INFORMATION REQUESTED: Date: 8/17/06
To clarify RFI 323 and subsequent conversations, SJA recommends a 6" stud wall and a single layer of 5/8" sheetrock on each side of the stud wall in order to provide matching, minimal gaps on either side of the wall between the wall and the stair stringers..

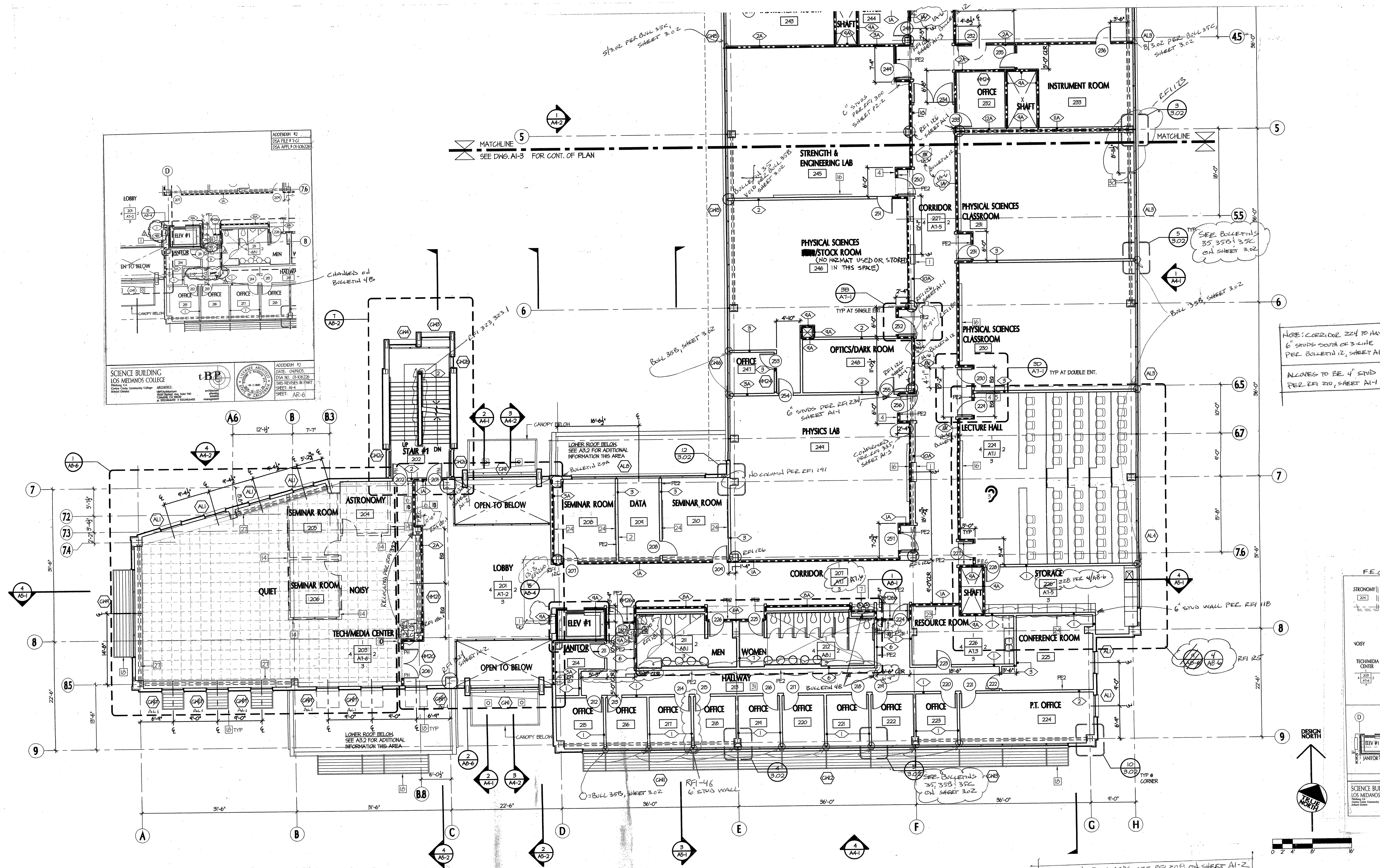
Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:
NO EXCEPTION TAKEN TO 6" STUD WALL WITH SINGLE LAYER OF 5/8 GYPSUM BOARD EACH SIDE. PROVIDE CREDIT FOR ELIMINATION OF SECOND LAYER ONE SIDE.
10-17-06

RFI # 000
Page 1

Los Medanos College
4CD Proj. #: L-565-B-23-SC
Science Building

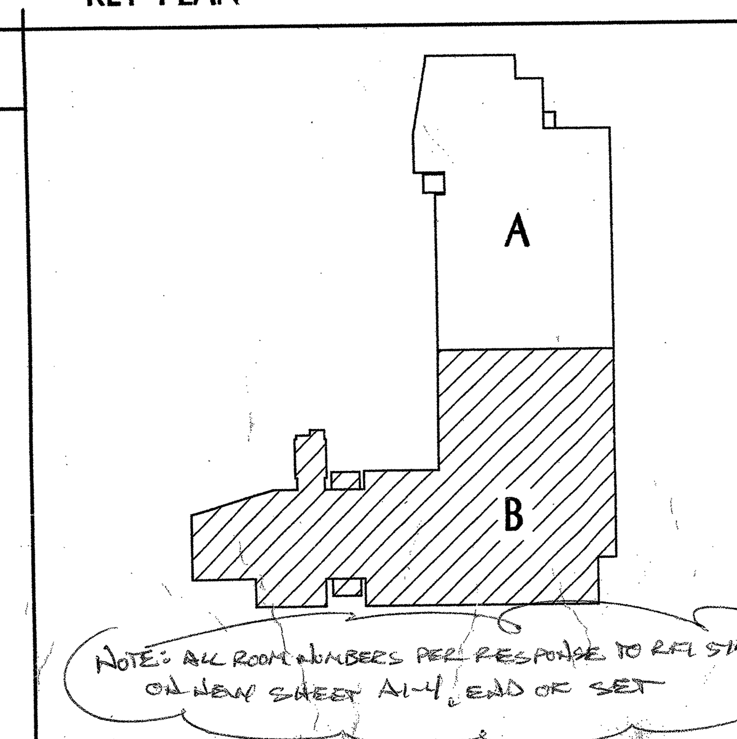


Six (6) CW17 windows at south side of Tech/Media Center between grid lines A and C on A1-4 are changed to AL1. ADDENDUM No. 1

FOR CORNER GUARDS, SEE RFI 208, ON SHEET A1-2

SECOND FLOOR PLAN PART "B" SCALE: 1/8"=1'-0" | 1

KEY PLAN



GENERAL NOTES :

1. REFER TO SHEET T-1 FOR ADDITIONAL GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS.

2. EXTERIOR WALLS

A. ALL EXTERIOR WALLS SHALL BE 6" METAL STUDS AT 16" O.C. REFER TO STUD SCHEDULE FOR GAUGES PER SHEET 4.02.

B. EXTERIOR FINISHES SHALL BE OVER ½" EXT. GYP. SHEATHING U.O.N. INTERIOR FACE SHALL BE ⅝" GYPSUM BOARD INSTALLED FULL HEIGHT TO STRUCTURE ABOVE.

3. INTERIOR PARTITIONS

A. ALL INTERIOR PARTITIONS SHALL BE 4" METAL STUDS AT 16" O.C. WITH ⅝" GYPSUM BOARD EACH SIDE U.O.N. REFER TO STUD SCHEDULE SHEET 4.01 FOR GAUGES. PARTITION TYPES ARE AS INDICATED ON PLANS AND SHEET 4.02.

B. REFER TO SHEET 4.01 FOR ADDITIONAL INFORMATION ON INTERIOR METAIL STUD FRAMING.

C. AT PARTITIONS INDICATED TO BE 1-HOUR OR 2-HOUR RATED (SEE LEGEND) ALL PENETRATIONS SHALL BE RATED OR DAMPERED PER CBC T24.

4. INSULATION

A. EXTERIOR WALLS: PROVIDE R-19 BATT INSULATION.

B. ROOFS: PROVIDE R-30 BATT BELOW METAL DECK.

C. INTERIOR STUD PARTITIONS: PROVIDE SOUND BATT INSULATION TYP. THROUGHOUT.

5. THE BUILDING SHALL BE FULLY FIRE-SPRINKLERED.

LEGEND :

NOTE: REFER TO SHEET T-1 FOR ADDITIONAL SYMBOLS

INDICATES STRUCTURAL BRACE FRAME PER **STRUCT. DWGS**

DEMOUNTABLE INTERIOR PARTITIONS (N.I.C.)

RAISED ACCESS FLOOR SYSTEM

PE- INTERIOR PAINT COLOR AS SPECIFIED. SEE FINISH SCHEDULE SHEET **9.01**

ALS (ASSISTED LISTENING DEVICE) REQUIRED IN THIS ROOM (NUMBER = MIN. QUANTITY OF RECEIVERS REQUIRED) ALS NOT IN CONTRACT (PROVIDED BY OWNER)

PH PANIC HARDWARE, SEE DOOR SCHEDULE **8.01, 8.02**

= REQUIRED ACCESSIBLE CLEARANCE PER DIAGRAM ON 8.01

2 = INTERIOR PARTITION, SEE SHEET **4.02**

227 = DOOR REFERENCE, SEE DOOR SCHEDULES, SHEETS **8.01, 8.02**

AL- = WINDOW REFERENCE, SEE WINDOW SCHEDULES, SHEETS **8.80, 8.81, 8.82**

EP =ELECTRICAL PANEL, SEE **ELEC. DWGS**

FEC = RECESSED FIRE EXTINGUISHER CABINET PER DETS. **11+12/4.03**

RWL = 4" CAST IRON RAIN WATER LEADER IN WALL CONNECTED TO STORM DRAINAGE SYSTEM PER **CIVIL DWGS**

WALL TYPES

NON-RATED PARTITION (TYPE PER PLAN)

1-HR FIRE RATED ASSEMBLY

FIRE RATED SHAFT WALL ASSEMBLY

1-HR FIRE RATED ASSEMBLY (OCCUPANCY SEPARATION)

2-HR FIRE RATED ASSEMBLY (AT CHEMICAL WASTE STORAGE ONLY)

KEYNOTES

FOR LOCATIONS SEE RFI 260, SHEET A1-1

1. RECESSED DISPLAY CASEWORK PER DET. **10/4.04**
2. PLYWOOD OVER BACKING ON INTERIOR WALL OF DATA ROOM PER **TELECOM DWGS.**
3. ISA SYMBOL ON DOOR PER DET. **10/11.01**
4. MAX. OCCUPANT LOAD SIGNAGE PER DET. **16/11.01** FOR A-3 OCCUPANCY
5. ASSISTIVE LISTENING DEVICE SIGNAGE PER DET. **11/11.01**
6. STAIR IDENTIFICATION SIGNAGE PER DET. **17/11.01**
7. DRINKING FOUNTAIN PER DET. **10/4.05**
8. STAIR EXIT SIGNAGE PER DET. **13/11.01**
9. STAIR EXIT SIGNAGE PER DET. **12/11.01**
10. TACTILE EXIT ROUTE SIGNAGE PER DET. **15/11.01**
11. TACTILE EXIT SIGNAGE PER DET. **14/11.01**
12. FIRE ANNUCIATOR PANEL 48" AFF PER **FA DWGS**
13. CONCEALED WALL HYDRANT +42" AFF
14. DEMOUNTABLE INTERIOR PARTITIONS BY OTHERS (N.I.C.)
15. RECESSED TACKBOARD CASEWORK PER DET. **2/4.04**
16. 16'-0"W x 5'-0"H WALL MTD. WHITE BOARD B.O. BOARD +30" AFF
17. 12'-0"W X 5'-0"H WALL MTD. WHITE BOARD B.O.BOARD 30" AFF
18. HORIZ. ALUM. SUNSHADE (SHOWN "DASHED" IF LOCATED ABOVE) PER DET. **16/8.06**
19. TELEPHONE (N.I.C.) BY OTHERS
20. FIRE DEPT. ACCESS BOX AS SPECIFIED, +42" AFF
21. AUTOMATIC DOOR OPENER AS SPECIFIED, +30" AFF
22. HOLD-OPEN DOORS AS SPECIFIED
23. 8'-0"W X 4'-0"H WALL MTD. TACKBOARD B.O.BOARD 30" AFF
24. 8'-0"W X 4'-0"H WALL MTD. WHITE BOARD B.O.BOARD 30" AFF
25. ROLL-DOWN FIRE SHUTTER AT COUNTER PER DET. **9/4.05**
26. SILL HEIGHT GYP. BD. WALL PER DET. **15/6.01**
27. LOW GYP BD. WALL PER DET. **19/6.01**
28. CONCRETE PLANTER WALL PER **LANDSCAPE DWGS**
29. 16'-0"W x 5'-0"H WALL MTD. MANUAL HORIZ. SLIDING WHITE BOARD B.O. BOARD +30" AFF
30. STL. PIPE RAILING, PTD. PSG-2 PER DET. **20/10.02**
31. CORRIDOR EXCEPTION PER CBC SECTION 1004.3.4.3
32. FREIGHT ELEVATOR - FOR HAZ. MAT USE ONLY
33. MECH. RM SIGNAGE - "FIRE SPRINKLER RISER LOCATED IN MECH. ROOM."

tBP architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

LICENSED ARCHITECT RICHARD A. MANGUN, A.I.A. NO. C-8685 STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-108226
DATE 1-11-05

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

tBP project number : 20241.00

file name: 2ND-FLR-PLAN

drawn by: MV, VL **checked by:**

date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:

SECOND FLOOR PLAN PART "B"

LMC SCIENCE 313-023-112.01-0-00.00

drawing no.:

A1-4

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Location of section reference 2/A5-1 on sheet A2-1
RFI No: **119**
Reference (dwg, spec): A2-1, A5-1
Subcontractor RFI#
Reply Requested By: 2/9/06

INFORMATION REQUESTED: Date: 2/2/06

This RFI is written to confirm our understanding of a change to be made as agreed to during our Feb 1 site meeting involving the mechanical engineer and mechanical subcontractors. We understand that section callout for 2/A5-1 on sheet A2-1 just west of F-line in the room 141 lecture hall is incorrectly located. We understand that the section callout should be located west of it's current location, at approximately E.5 line. Please confirm.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 2.8.06

SECTION CUT FOR 2/A5-1 SHOULD BE LOCATED APPROX. 15'-0" WEST OF GRID LINE F ON SHEET A2-1.

Attachments:
By: C. CHIANG/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	2/1/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	2.8.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

cc: CONCORD
: DOWDLE
: MONTEREY
: RCM
: EW. SCOTT
DONE ✓

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Down Lights in the Lecture Hall
RFI No: **196**
Reference (dwg, spec.):
Subcontractor RFI: Scott 19
Reply Requested By: 4/10/06

INFORMATION REQUESTED: Date: 4/3/06

Please note the attached Edward Scott Electric RFI #19 regarding the down lights in the Lecture Hall. These lights are positioned off of the A.C. Registers. The registers on the reflected ceiling plans do not match the locations on the mechanical drawings. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 4/11/06
See future Bulletin #11 for response to this RFI.

Attachments:
By: Vanessa Ling/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	4/3/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	4/03/06
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	4/04/06
tBP / ARCHITECTURE	S.J. AMOROSO	4/11/06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

ALSO SEE MEMO POSTED ON BACK OF SHEET A2-2

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Exam Lights in Room 133
RFI No: **436**
Reference (dwg, spec.): LF 1-1a
Subcontractor RFI: DDI 7
Reply Requested By: 12/13/06

INFORMATION REQUESTED: Date: 12/6/06

Please note the attached Dow Diversified RFI No. 7 regarding the exam lights in room 133. These lights require a structure to attach to. How should these be installed? Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:

Provide anchorage at (3) exam light fixtures room 133 per attached DSA approved sketches SSK-1, SSK-2, SSK-3, SSK-4, SSK-5.

Jim Weaver / tBP Architecture
Chiang Ng / Dasse

1/8/07

RFI # 000
Page 1

Dow Diversified, Inc.
REQUEST FOR INFORMATION
Los Medanos College Science Building, 2352K

Proj RFI#:
DDI Ref#: 7
To: Mark Delgado
Fax: 925-427-7570
Subject: Exam Light Installation
Spec: 11605 addendum #2
Drawings: LF
Room: 133

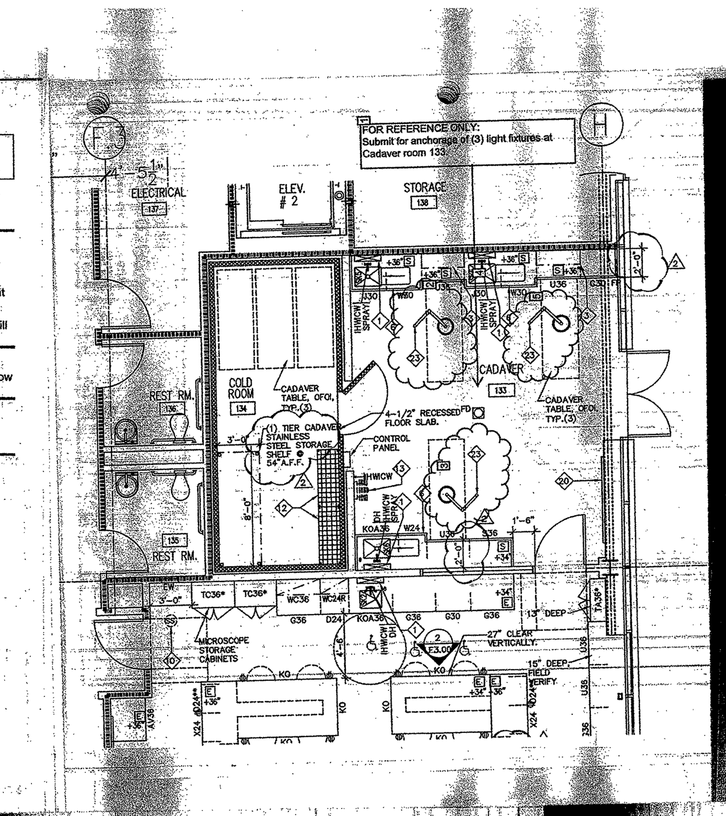
REQUEST:
There are exam lights in room 133. However, there appears to be no details in the contract drawing on how this should be installed.

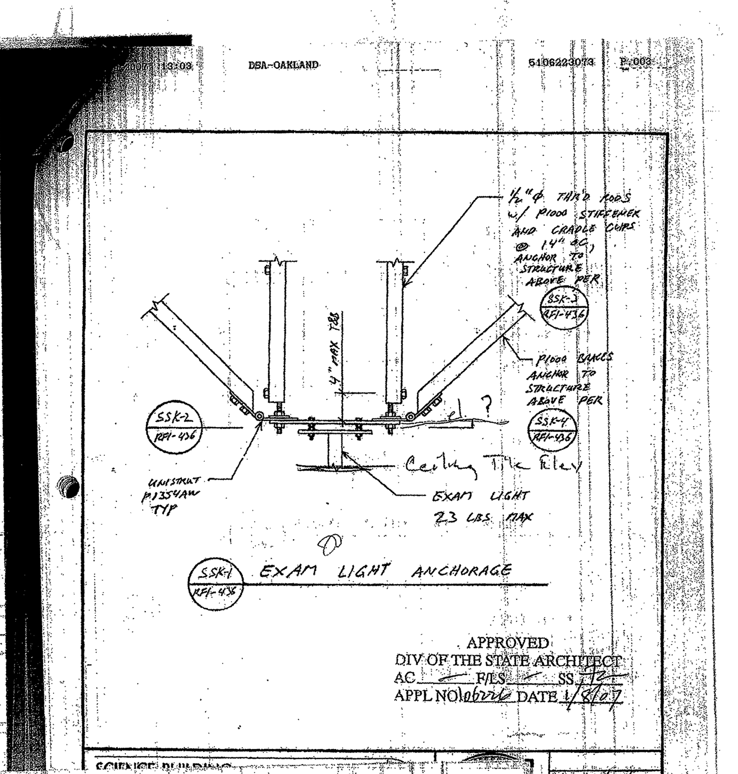
Steris (Exam Light Supplier) says that there should be some form of structure to mount this to at the 10' level or the same height as the ceiling grid.

As it appears that there was no mounting structure designed into room 133 for the exam lights how should this be installed? Will a structure be put in for the light to be mounted to?

SUGGESTION:
Steris told me that on another project the architect had some kind of metal plate hung from the ceiling, although they did not know how it was attached and secured. Possibly something along these lines would work.

PRIORITY: High
DUE DATE: 12/13/2006
BY: Ben Kemper
DATE: 12/6/2006
Response By:
Response Date:
RESPONSE:





S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Conflict between HVAC and lift point
RFI No: **282**
Reference (dwg, spec.): A2-1, M1.2, response to
Subcontractor RFI:
Reply Requested By: 7/18/06

INFORMATION REQUESTED: Date: 7/11/06

In back checking drawings we have encountered a conflict between the lifting point shown on A2-1 in majors biology lab 143 and a large duct. The lifting point is shown on A2-1 at 13'-4" south of 4-line and 5'-10 ½" west of F-line and the large duct is shown on sheet M1.2. Further the ductwork in this area was clarified in the response to RFI 74.1, sketch attached. Given that the duct is "tied" to a roof penetration, at this point it would appear prudent to relocate the lift point. Please review and advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

DASSE

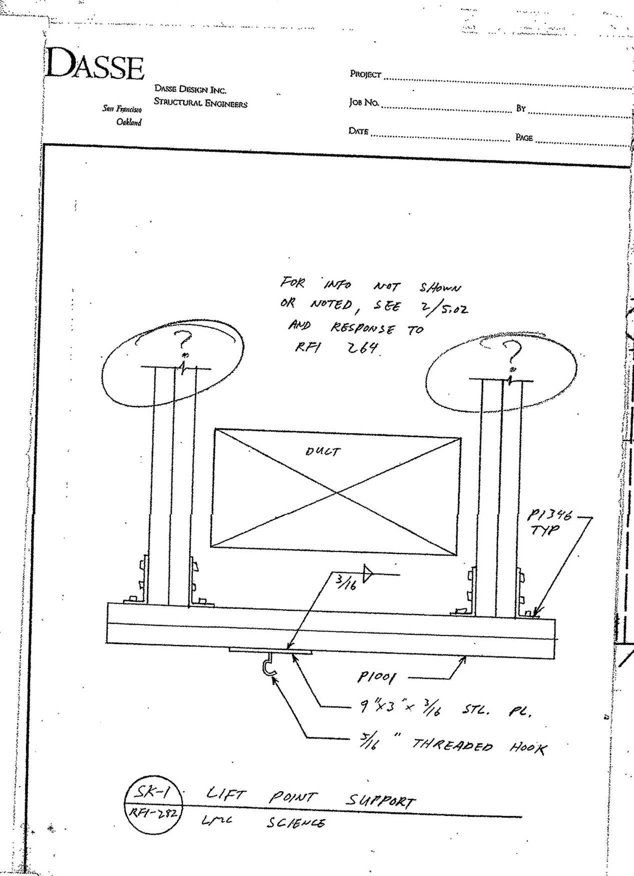
A unistrut trapeze may be used. See sketch SK-1 attached

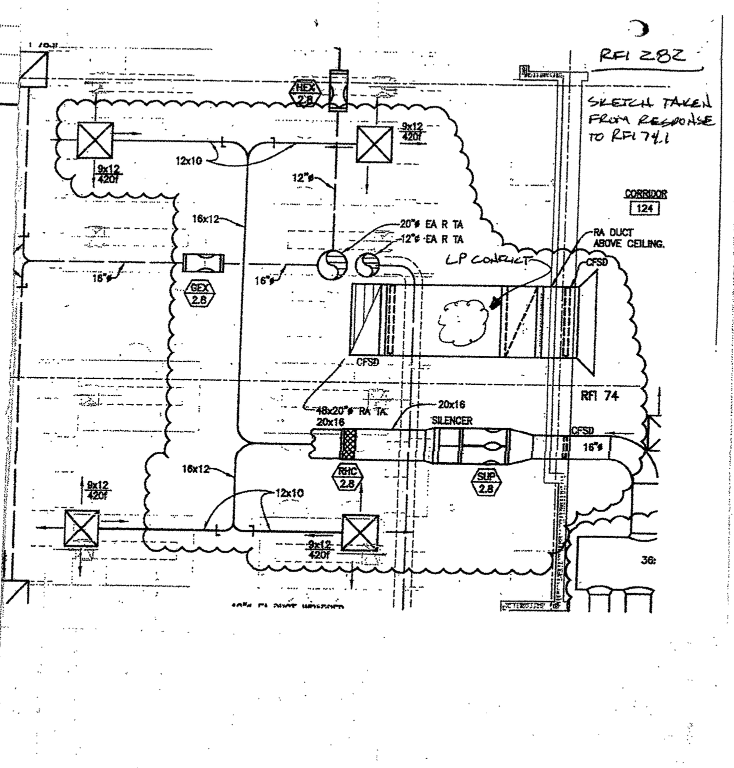
7-17-06

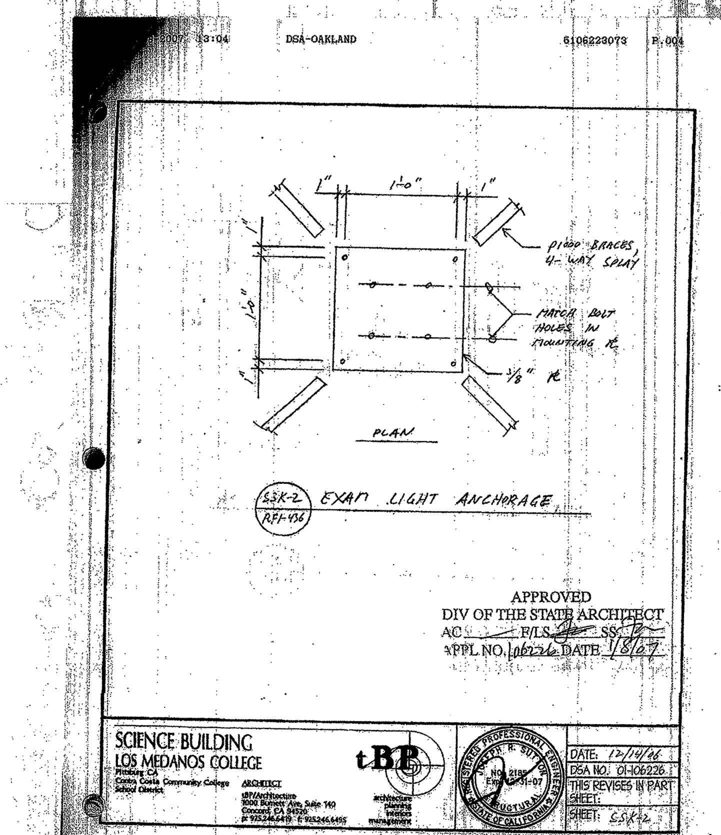
CC: CONCORD X2

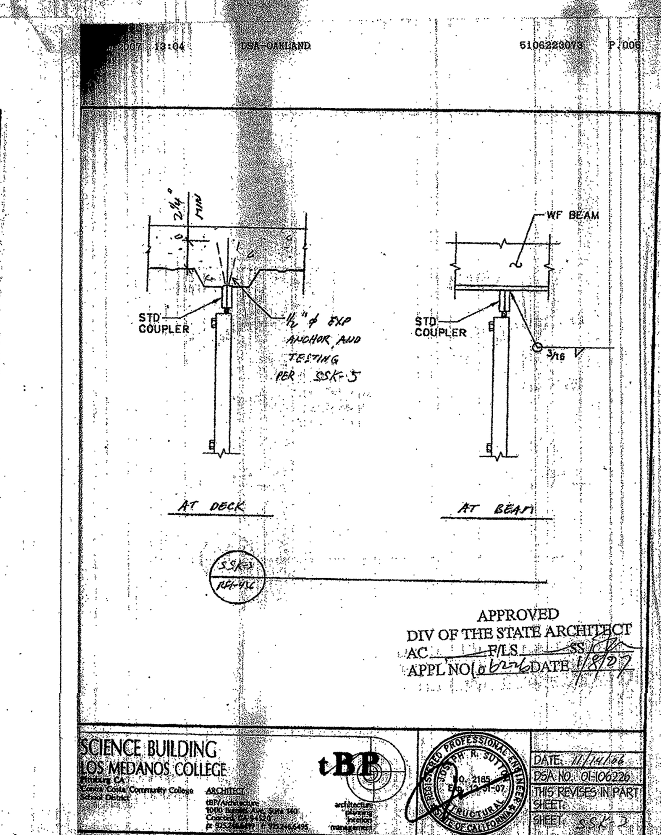
RFI # 000
Page 1

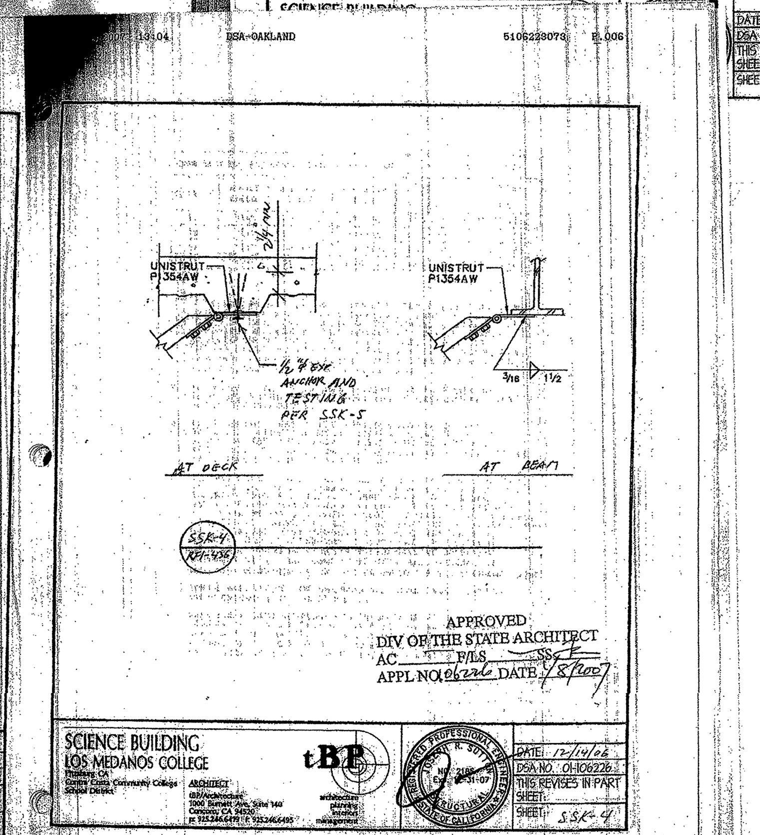
DASSE Dasse Design Inc. Structural Engineers — San Francisco, Oakland
Project / Job No. / By / Date











S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Lower ceiling in rooms 131 and 132
RFI No: **333**
Reference (dwg, spec.): A2-1,LP2-1b, M1.1, M1.2, 4/A6-1
Subcontractor RFI:
Reply Requested By: 9/5/06

INFORMATION REQUESTED: Date: 8/29/06

HOT HOT HOT.

The north-south running duct line west of H-line is conflicting with acid waste lines from 2nd floor sinks, beams, light fixtures, and diagonal bracing for the raised soffit at H-line. This conflict was recognized during MEP coordination, but it was thought that shifting the HVAC north-south duct run to the west would resolve the conflict. *The line has been shifted, yet the conflict is not resolved.*

Therefore, we request to lower the ceilings in rooms 131 and 132 by 6" to a new ceiling height of 9'-6".

We would be happy to host a field walk to better display the extent of the following conflict.

Please advise if this is acceptable.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

The lowering of the ceiling height shouldn't be a problem with the lab equipment. Please note the height of the pipe drop enclosure within the labs will need to be coordinated.

Richard Cate/RFD - 9/6/06

No exception taken to lower the ceilings in Room #131 and #132 by 6", that the new ceiling height is to be 9'-6" AFF. See attached sketch SKA333.1 for clarification. No additional cost related to this change shall apply to owner. Contractor to coordinate the height of the pipe drop enclosure in Anatomy Lab #132.

Vanessa Ling/tBP - 9/6/06

CC: DOW

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Relocate light fixture in corridor 124
RFI No: **313**
Reference (dwg, spec.): A2-1
Subcontractor RFI:
Reply Requested By: 8/21/06

INFORMATION REQUESTED: Date: 8/14/06

In corridor 124, at approximately 4.8-line (approx 12' north of 5-line) a light fixture is shown. In our coordination efforts, we attempted to resolve the conflict between HVAC ductwork and plumbing piping in this area by routing the plumbing piping above the ductwork. However, we have now determined that this will not work. The plumbing piping will need to come below the ductwork, which causes conflict with the light fixture in this location. In order to maintain the design ceiling height in the corridor, we suggest relocating this light fixture one "ceiling grid" to the north. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Bryan Newman

RESPONSE: DATE:

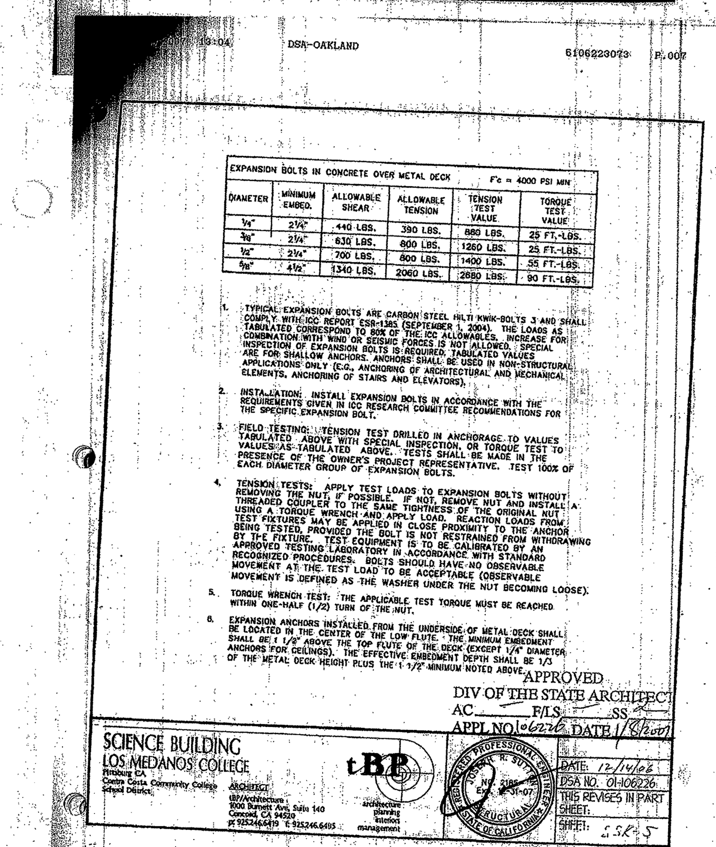
TWF has no objection to relocation of the one corridor light fixture (one ceiling grid to the north).

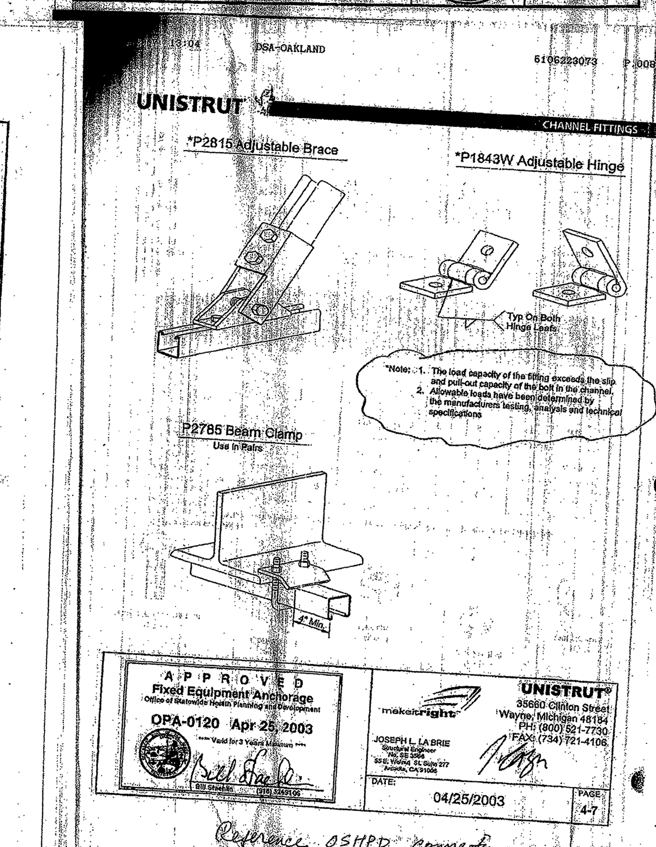
Larry Lai/TWF - 8/16/06

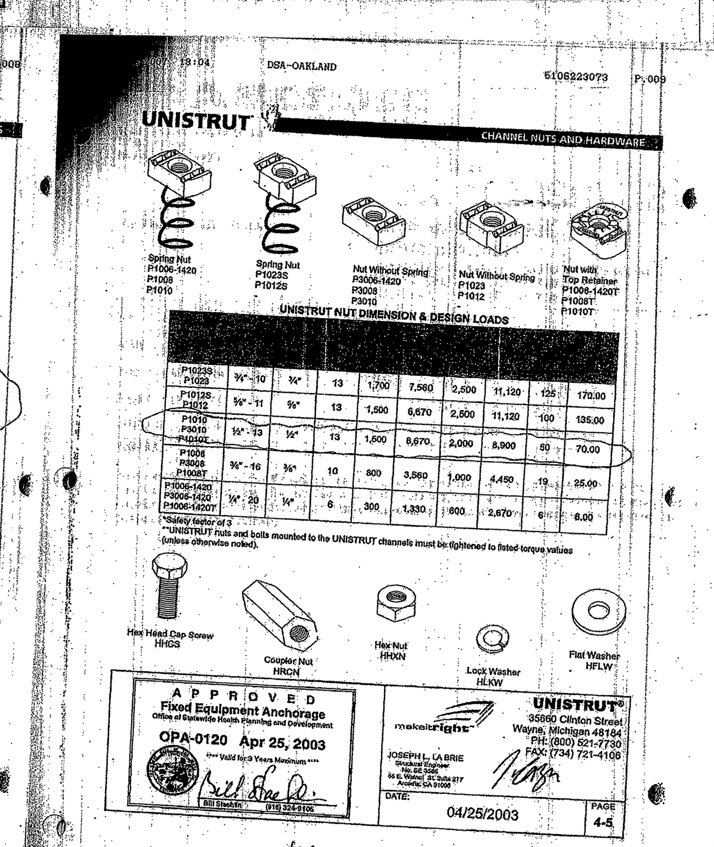
NO EXCEPTION TAKEN to move the lighting fixture noted above to one ceiling grid north (2'-0").

Vanessa Ling/tBP - 8/16/06

RFI # 000
Page 1







S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Ceiling Height In Room 130
RFI No: **367**
Reference (dwg, spec.): M1.2, E-1.2
Subcontractor RFI: EWS 37
Reply Requested By: 10/2/06

INFORMATION REQUESTED: Date: 10/9/06 tBP received 10/4/06

Please note the attached EW Scott RFI 37 regarding lowering the ceiling height in Room 130 to make room for the required Cable Tray for feeding Panels LP2D and LP2E, Ductwork and Light Fixtures. EWS would like to lower the ceiling heights to 9'-6", the same height that Rooms 131 and 152 were lowered to.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:
No exception taken to lower the ceiling of Room #130 to 9'-6" AFF as noted above.

Vanessa Ling/tBP - 10/18/06

DOW
PCI
CC: EWS Box X2
CONCORD
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RCM

RFI # 000
Page 1

EDWARD W. SCOTT ELECTRIC CO., INC.
435 HARRIET STREET
San Francisco, CA 94103-4914
Phone: (415) 626-0701 Fax: (415) 626-2837

REQUEST FOR INFORMATION

PROJECT: LMC SCIENCE BLDG. R.F.I.# 37 R.F.I. Date 10/2/06
JOB: 2451 ACTUAL REPLY DATE

TO: MARK DELGADO
OF: AMOROSO CONST.
REF: DWG: M1.2, E-1.2
LOCATION: BIO. CLASS RM. 130

POTENTIAL COST IMPACT
___ COST ✓ SCHEDULE
___ OTHER ___ LABOR
___ NO IMPACT ___ MATERIAL

INFORMATION REQUESTED: DUE TO THE MECH. DUCT WORK IN RM. 130 THERE IS NOT ENOUGH CLEARANCE TO INSTALL THE SNAKE TRAY AT THE NORTH END OF THE RM. THERE ARE ALSO 2-2½" CONDUITS TO FEED PAN. "LP2D" & "LP2E" WHICH MUST PASS THROUGH RM 130 WHICH ALSO LACK CLEARANCE. WE ARE REQUESTING THAT THE CEILING HEIGHT BE LOWERED TO 9'6" AS WAS DONE IN RMS 131 & 132 BY RFI 333, WHICH WILL ALSO PROVIDE ADDED CLEARANCE FOR THE LTG. FIXTURES.

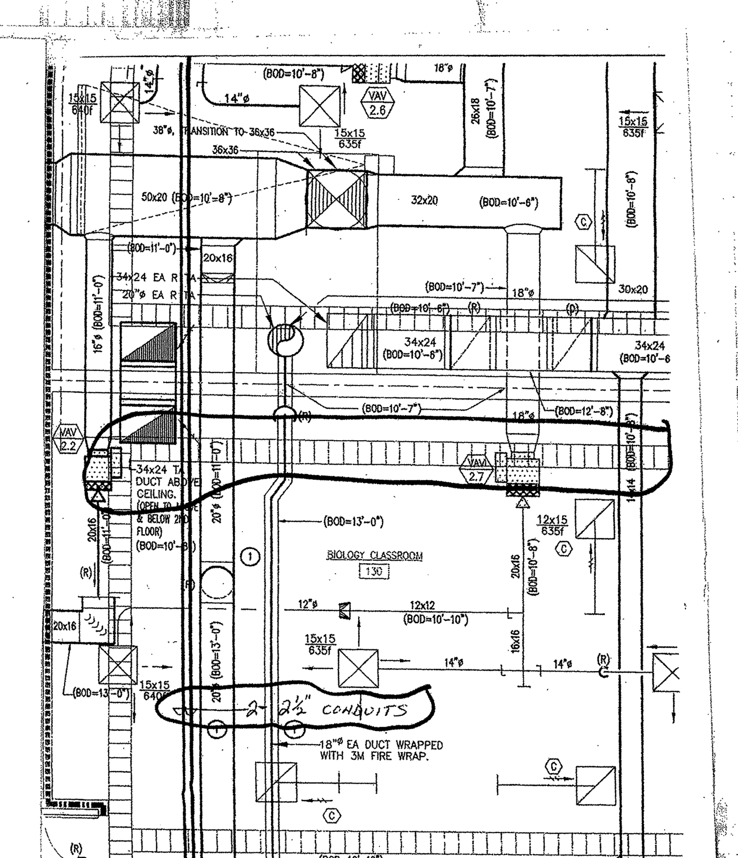
REPLY REQUIRED BY: ____ SIGNED:
NOTE: IF NO REPLY IS RECEIVED BY US BY THE ABOVE NOTED DATE. A TIME EXTENSION WILL BE REQUIRED WITH POSSIBLE COST IMPACTS.

RESPONSE:

DATED: ____ SIGNED: ____

RFIDOC.99

INDUSTRIAL, COMMERCIAL WIRING & DESIGN
STATE CONTRACTOR LICENSE NO. 190426



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Lower acoustical ceiling in lecture hall 141
RFI No: **520**
Reference (dwg, spec.): A2-1, Bulletins 10E, 11, 11B
Subcontractor RFI:
Reply Requested By: 4/27/07

INFORMATION REQUESTED: Date: 4/20/07

As discussed, Amoroso is requesting to lower the elevation of the acoustic ceiling in lecture hall 141 from 14'-7" to 14'-0", to alleviate above-ceiling MEP congestion. Small vertical "walls" would be built on either side of the lecture hall where the new 14'-0" acoustical ceiling meets the 14'-6" gyp board ceiling. Please confirm.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

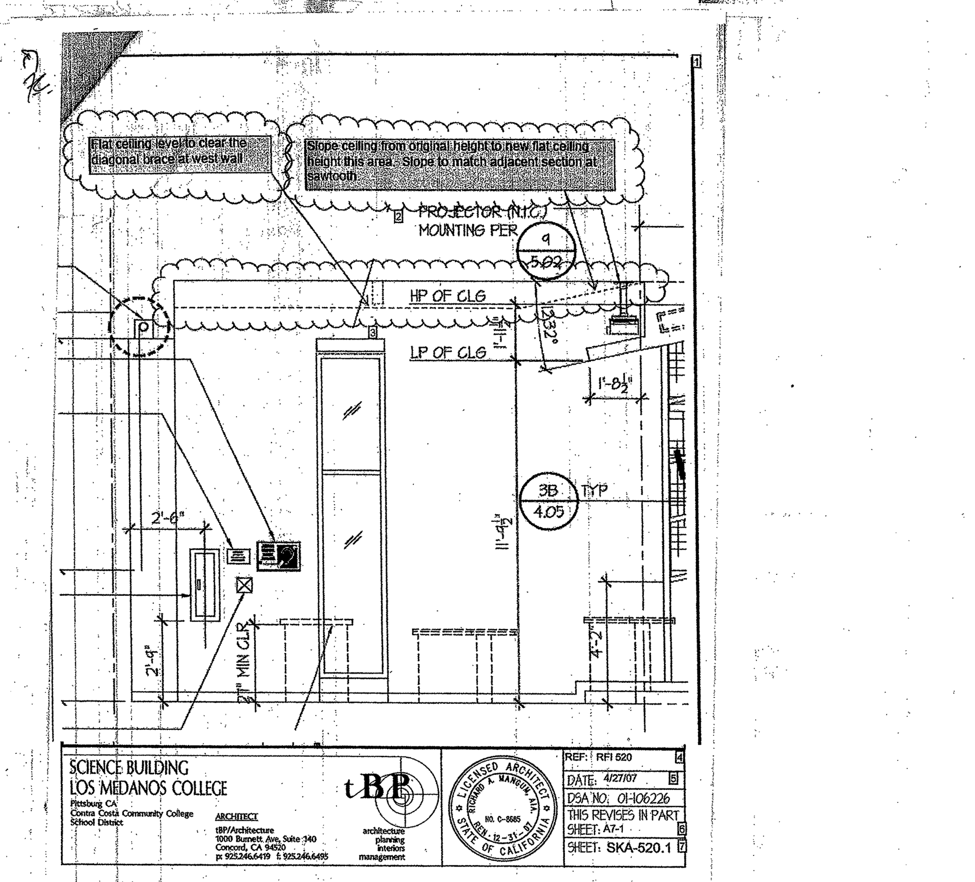
See attached sketch SKA-520.1 for ceiling configuration.

Jim Weaver / tBP Architecture

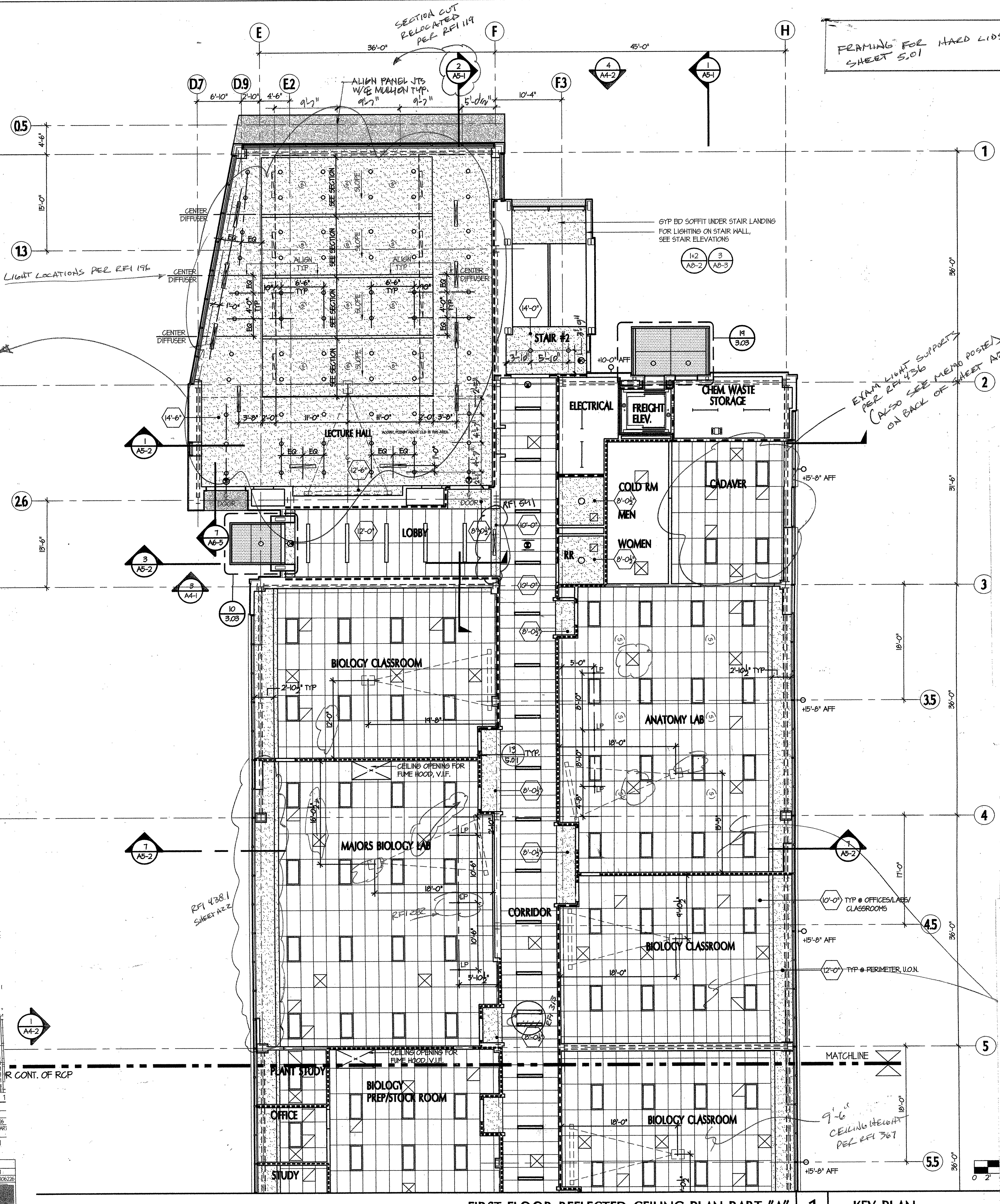
4/27/07

CC: PCI

RFI # 000
Page 1



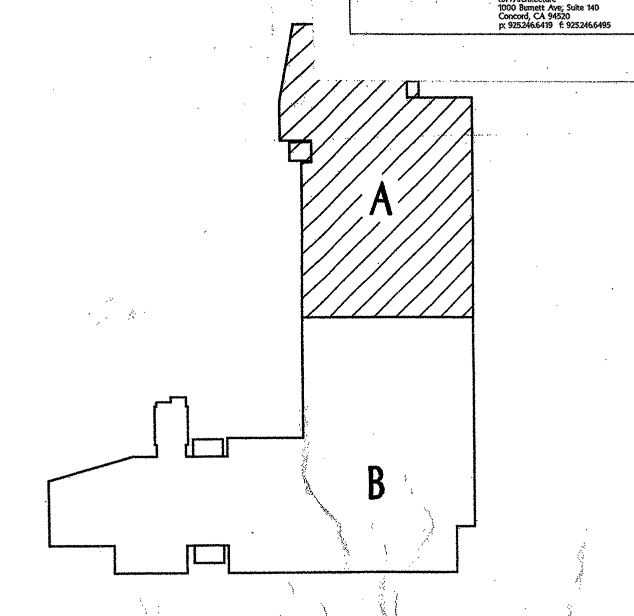
Los Medanos College
4CD Proj. #: L-565-B-23-SC
Science Building

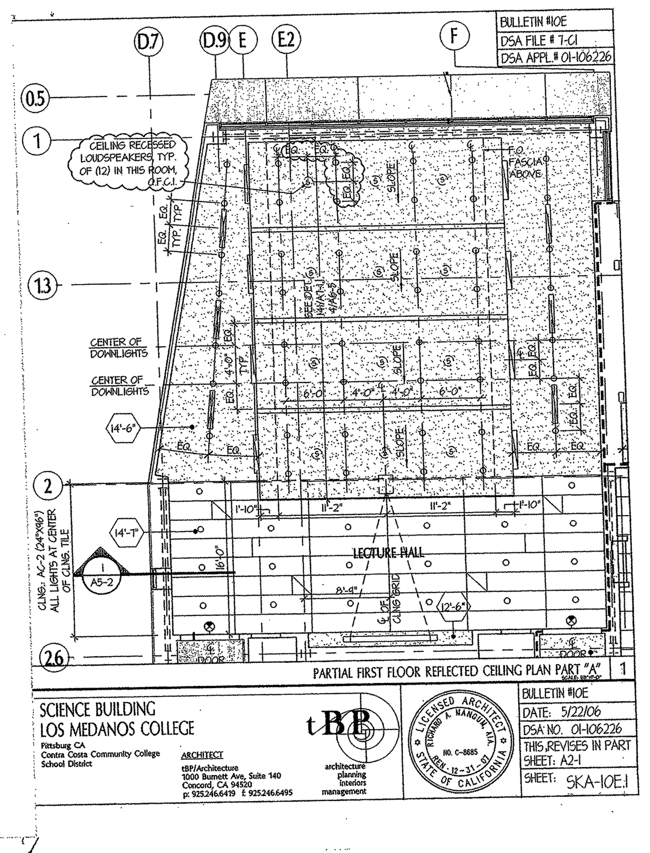


FIRST FLOOR REFLECTED CEILING PLAN PART "A" 1

SCALE: 1/8"=1'-0"

KEY PLAN





Bulletin No.10E

Date: 5/22/20066

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: **LOS MEDANOS COLLEGE SCIENCE BUILDING**
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Sheet A2-1 to A2-4, 1/T6-7, RE-2.1 of Bulletin 10B, and RE-2.2 of Bulletin 10C

Speakers

1. Total of (12) ceiling mount speakers in Lecture Hall Room #141 are Owner Furnish, Contractor Install as follows. Reference SKA-10E.1 and SKA-10E.2.
   - Speakers are to be "JBL Control 26CT" ceiling speakers.
   - The speakers are installed with "MTC26MR Plaster Ceiling Mud Ring" supports provided by contractor (SJA). See SKA-10E.2.
   - A plenum rated 16AWG speaker wire will need to be pulled from the Storage Room #141A to speaker locations per 70 Volt layout (daisy-chain pattern) before the ceiling is closed.
2. For clarification only, ceiling mount speakers in Lecture Hall #229 are Owner Furnish, and Owner Install. For reference only, future AV contractor may use C-Bracket and Tile Rail to install speakers. Reference page 7 of JBL Owner Manual.
3. For clarification only, ceiling mount speakers in Anatomy Lab #132, General Biology Lab #148, Microbiology/Microphysiology Lab #129, Organic Chemistry Lab #235 & General Chemistry Lab #242 are deleted. For wall mounted speakers in theses rooms, see line item #5 for additional information.
4. Provide credit for all ceiling recess back cans + installation of deleted ceiling speaker locations in rooms listed in line item #3 above. And also provide credit for ceiling recess back cans at Lecture Hall #141 and #229, since back cans not required for ceiling speakers in both rooms. Total of +/- (48) of speaker back cans are deleted. Reference detail 1/T6-7 in Contract Documents.
5. Wall mounted speakers (speakers are furnish and install by owner) will be installed in the following rooms: Lecture Hall #141, Biology Classroom #130, 131, 142 & 152, Anatomy Lab #132, Majors Biology Lab #143, General Biology Lab #148, Microbiology/Microphysiology Lab #129 per Bulletin #10B and 10C.

W SCOTT CONCORD

tBP/Architecture. 1000 Burnett Ave. Suite 140. Concord, CA. 94520. ph: 925.246.6419. fax: 925.246.6495

BULLETIN # 10E
LOS MEDANOS COLLEGE SCIENCE BUILDING

- Sheet note #22 on RE-2.1 in Bulletin #10B and sheet note #19 on RE-2.2 in Bulletin #10C for wall mounted speakers at 1st floor are revised as follows:
  "For all A/V system wall speaker (speakers by others) locations, in location of non-rated walls, install a 1-gang mud ring for wall speakers below the room ceiling and a 1-gang outlet box above the room ceiling. In location of rated walls, install a 1-gang outlet box for A/V system wall speaker. Stub 3/4"C from outlet box into room ceiling space, +6". Terminate conduit with bushing. Mounting height of 1-gang mud ring and 1-gang outlet box is 105" A.F.F. Mounting locations shall be coordinated with A/V contractor."
- See future Bulletin 10D for mud ring or outlet boxes for wall mounted speakers (speakers are furnish and install by owner) at 2nd floor.

Issued By: Architect
Requested By: Architect, Owner
Reason: AV Coordination
Enclosures: SKA-10E.1, SKA-10E.2, 1/T6-7
Cut sheets of JBL Control 26C/CT speakers and installation manual for reference only

Distribution:

Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture
1 copy	Larry Lai	Toft Wolff Farrow Inc.
1 copy	Cherry Li-Bugg	Los Medanos College
1 copy	Veronica Roussel	Starmedia Consultant
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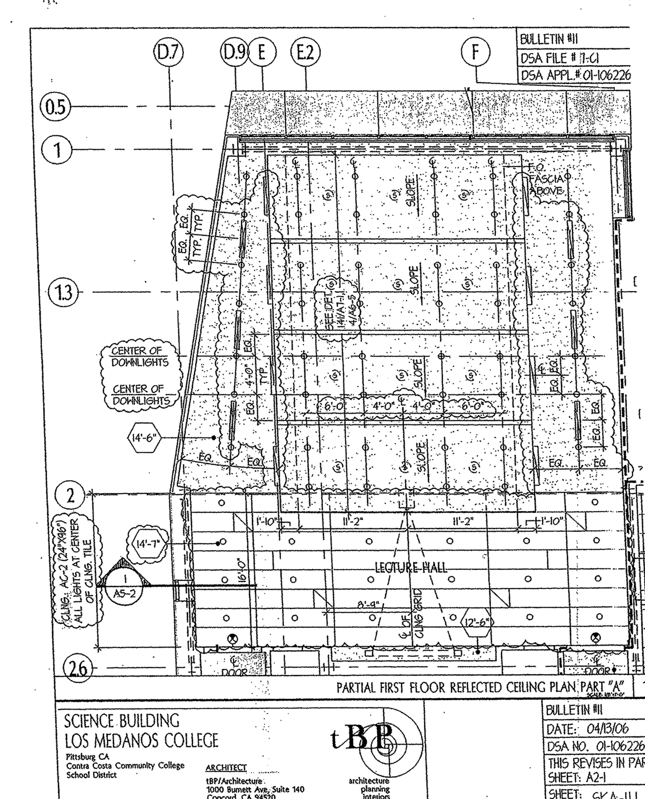
1 copy	Richard Cate	RFD

Action:
- ☐ For Information/Clarification only
- ☒ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☐ Requires DSA review and approval
- ☐ Proceed as authorized by District

● Page 2



Bulletin No.11

Date: 4/25/2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: **LOS MEDANOS COLLEGE SCIENCE BUILDING**
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Sheets A2-1, M1.1, RE-1.1, Specification Section: 09520, RFI #122, 196, Submittal #90, #92

The followings are the revisions to the reflecting ceiling plan for Lecture Room #141. Refer to attached sketches SKA-11.1, SKM-11.1 to SKM-11.2 and partial copy of RE-1.1.

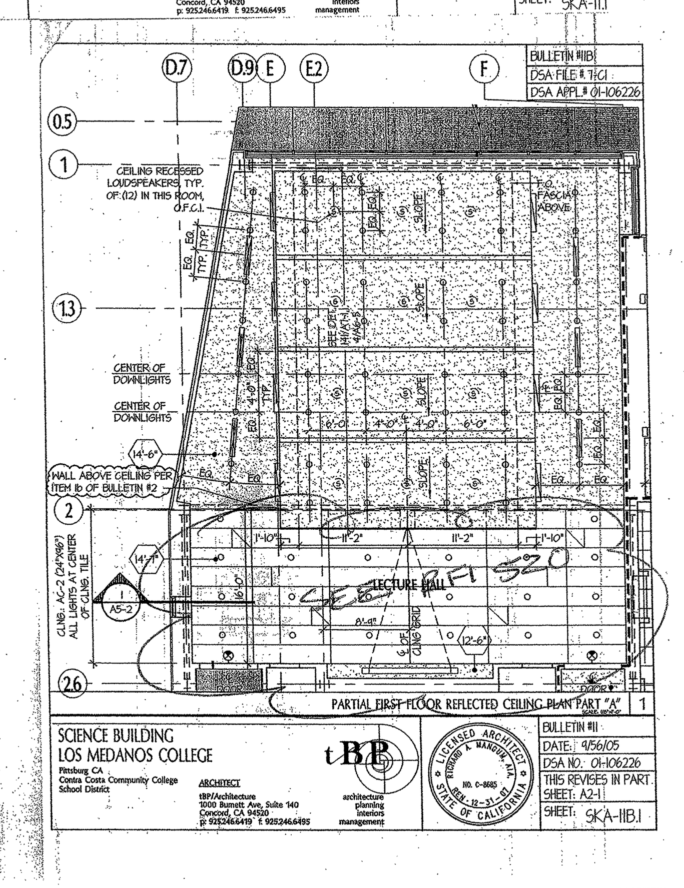
1. Ceiling at south of the room (between grid "2.6" and "6") revise to acoustical ceiling type AC-2 with ceiling height +14'-7". Provide credit to the deletion of gypsum board ceiling.
2. (6) Linear diffusers at south of the room revise to (6) 2'x2' diffusers. Provide credit to deletion of (6) linear diffusers.
3. Clarify dimensional locations of all mechanical diffusers and down lights.
4. Lightings type for this room called out as "B4, typical", as shown on RE.1-1. See the following clarification to the lighting types.
   - The downlights at the perimeter of the room are to remain "B4", total of (30). Those are shown as hatched graphically on RE-1.1.
   - All downlights in the center this room are revised to "B3", type. Those are shown as non-hatched graphically on RE-1.1, total of (36) downlights. Provide credit for the revision of (36) lights to type "B3", which does not require emergency ballast.

Issued By: Architect
Requested By: Architect, Owner
Reason: AV coordination
Enclosures: SKA-11.1, SKM-11.1 to SKM11.2, partial plan of RE-1.1

Distribution:

Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record

MIGUEL
CONCORD DRYWALL
PCI



Bulletin No.11B(Revised sketches to Bulletin #11)

Date: 9/5/2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: **LOS MEDANOS COLLEGE SCIENCE BUILDING**
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Bulletin #11, Bulletin #2, CPE 5.1

1. Refer to Bulletin #2, item #1b, "Insulate the ceiling from South wall of Room #141 – Lecture Hall up to Grid "2". Provide acoustical separation wall on along Grid "2", from above ceiling to underside of structure per partition type 1/4.02 (similar)." An acoustical separation wall will be placed on along Grid 2 from above ceiling to deck above per agreed CPE 5.1.
2. The followings are the revisions to Bulletin #11. See attached sketches SKA-11B.1, SKM-11B.1 for the revision to SKA-11.1 and SKM-11.1 of Bulletin #11.

Issued By: Architect
Requested By: Architect
Reason: Coordination to Bulletin #2
Enclosures: SKA-11B.1, SKM-11B.1

Distribution:

Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
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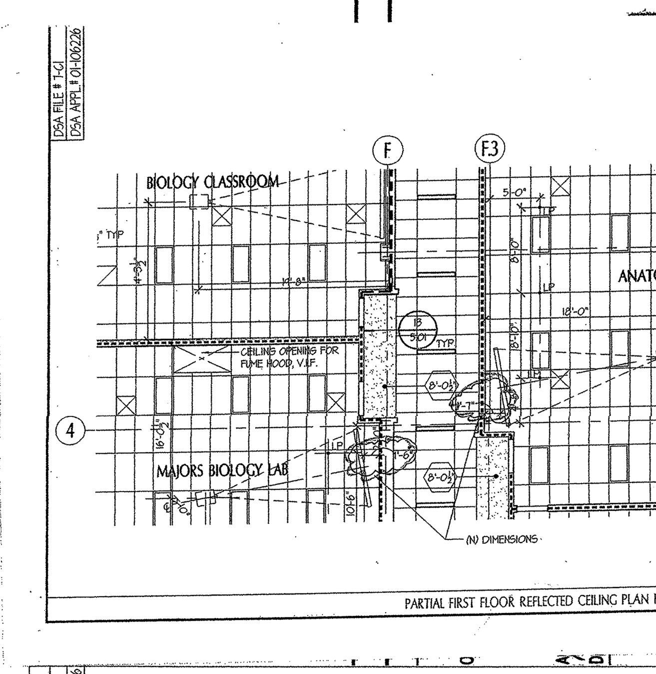
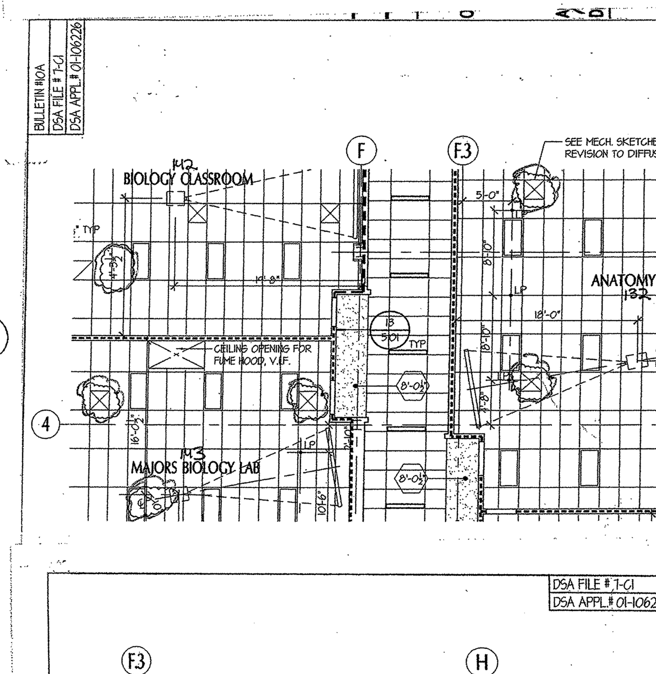
1 copy	Dave Weston	Ainsworth Associates
1 copy	Larry Lai	Toft Wolff Farrow Inc.

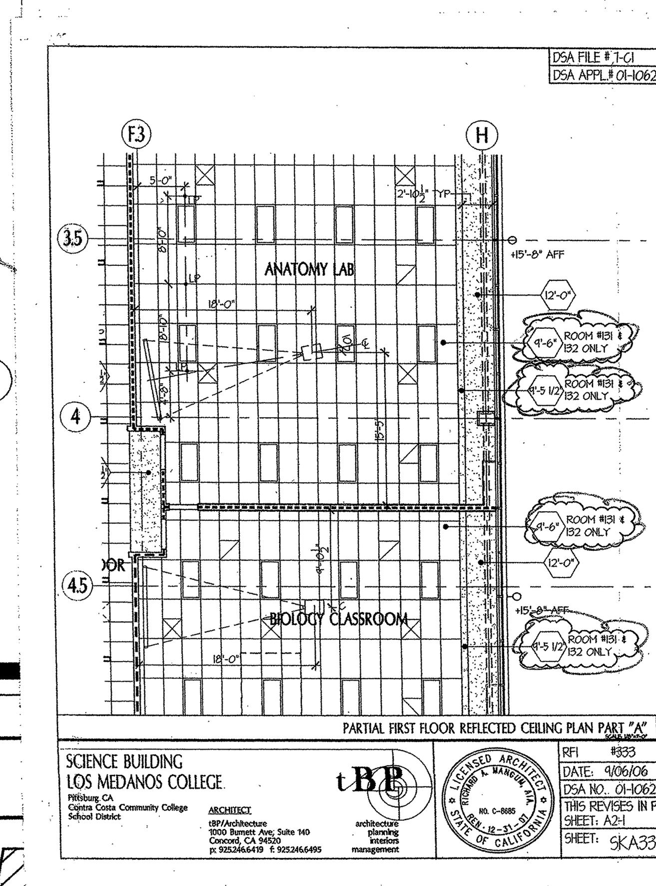
Action:
- ☐ For Information/Clarification only
- ☒ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☐ Requires DSA review and approval
- ☐ Proceed as authorized by District

CC: CONCORD
RES.COM
MONTEREY

tBP/Architecture. 1000 Burnett Ave. Suite 140. Concord, CA. 94520. ph: 925.246.6419. fax: 925.246.6495







LIGHTING TYPES :

Symbol	Description
○	RECESSED DOWNLIGHT
▭	2' x 4' LAY-IN FLUORESCENT LIGHT FIXTURE
├─┤	SURFACE OR PENDANT MOUNTED FLUORESC
▭	PENDANT FLUORESCENT LIGHT FIXTURE, MOUNTING HT. AT 10-0" A.F.F., TYP.
⊏ ═ ⊐	COVE LIGHTING FIXTURE
▬	8" X 4' RECESSED FLUORESCENT
▭	WALL MOUNTED FLUORESCENT LIGHT FIXTUR
▦	PARABOLIC FLUORESCENT LIGHT FIXTURE
⊗↑	EXIT SIGN - CEILING MOUNTED
⊢⊗	EXIT SIGN - WALL MOUNTED
⊢○	WALL MOUNTED LIGHT FIXTURE

NOTE: SEE ELECTRICAL DRAWINGS FOR LOCATIONS OF DIMMABLE LIGHTING, EMERGENCY LIGHTING AND EXIT SIGNS.

REFER TO ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

HANICAL AND MISC.:

- MECHANICAL REGISTER - RETURN
- MECHANICAL REGISTER - SUPPLY
- MECHANICAL REGISTER - EXHAUST
- CEILING ACCESS PANEL
- LINEAR DIFFUSERS

AL GRILLES, REGISTERS, EXTERIOR LOUVERS AND
AL FIXTURES ARE SHOWN FOR LOCATION
ONLY. VERIFY QUANTITY AND SIZES WITH
AL OR ELECTRICAL DRAWINGS.

LEGEND:

- X'-X" FIN. CLG HEIGHT ABOVE FINISHED FLOOR
- PROJECTOR N.I.C. INSTALLED BY DISTRICT SUB, SJA CANNOT CONFIRM LOCATIONS MOUNTING DETAILS PER DETS. **9 + 10/5.02**
- CLG. MOUNT SCREEN (N.I.C.) PER DET. **8/5.02**
- LP LIFT POINT PER **2/5.02**
- CEILING MOUNTED SPEAKER (N.I.C.), CONFIRM LOCATIONS W/ OWNER

GENERAL NOTES :

1. PROVIDE CEM. BACKER BD. AT WALLS OF WASHROOMS AND JANITOR CLOSET.
2. FOR CEILING MATERIALS AND HEIGHTS, SEE FINISH SCHEDULE SHEET **9.01**
   CEILING HEIGHT IN ALL ROOMS TO BE 10'-0" A.F.F., U.O.N.
3. CENTER SUSPENDED FLUORSCENT FIXTURES IN ROOMS WITH NO CEILING, U.N.O.
4. FOR ATTACHMENT GUIDELINES OF CEILING GRID MEMBERS, SEE NOTE (b) (4) ON SHEET **5.01**
5. CENTER DOWNLIGHTS IN SOFFITS OR CEILINGS U.O.N.

tBP
architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

LICENSED ARCHITECT RICHARD A. MANGUM, A.I.A. NO. C-8685 REN. 12-31-07 STATE OF CALIFORNIA

Contra Costa Co

20247.00

cked by:

drawing title:
FIRST FLOOR REFLECTED CEILING PLAN PART "A"

LMC SCIENCE 313-023-112.01-0-00.00

drawing no.:
A2-1

FELIPE - THIS IS IN THE SPRAY FIREPROOF AREA

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Lifting Points
RFI No: **264**
Reference (dwg, spec.): 2/5.02
Subcontractor RFI:
Reply Requested By: 6/29/06

INFORMATION REQUESTED: Date: 6/23/06

The following Lifting Points in General Biology Lab 148 are conflicting with beams overhead:
-On 6.7 line & 6'-5" West of F line
-18'-4" North of 6.7 line 6'-5" West of F line

Amoroso does not have a detail for this condition.
Please advice.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Bryan Newman

RESPONSE: DASSE DATE:
Move lift points to align with centerline of beams overhead, and weld P1346 angles to bottom flange 6/26/06

Attachments: 3/16 TYP

Note: if lift points indicated already aligned with centerline beams, use detail at left.
By:

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	6/23/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	6.23.06
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	6.26.06
tBP / ARCHITECTURE	S.J. AMOROSO	6.27.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

Bulletin No.49

tBP Architecture Planning Interiors Management

Date: 11/13/2006
To: S.J. Amoroso Construction, 390 Bridge Parkway, Redwood shores CA 94065
Project: **LOS MEDANOS COLLEGE SCIENCE BUILDING**
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

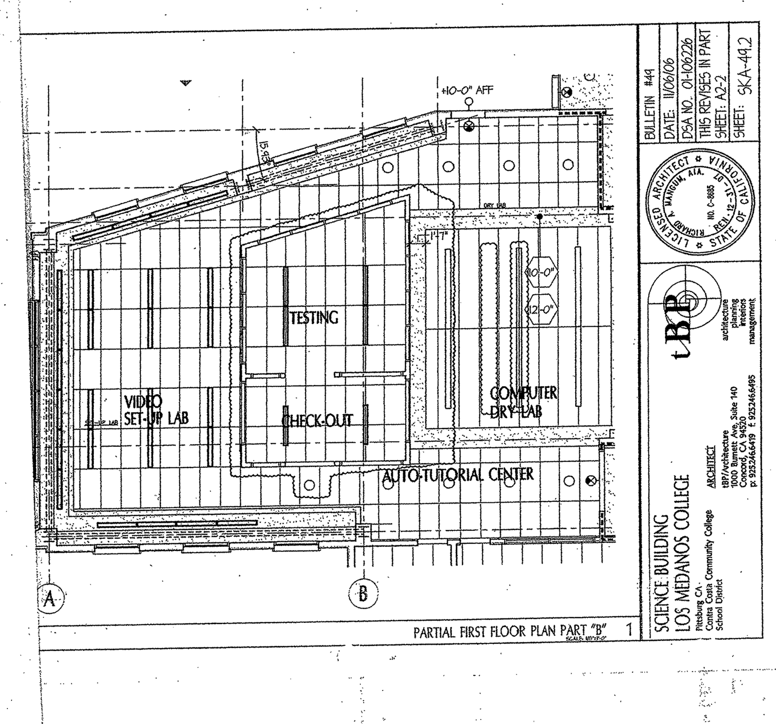
Description:
REFERENCE: Sheet A1-2, A2-2, M1.4, RE-1.2, RE-2.2, T1-1; Bulletin #15; RFI #354

Delete NIC demountable walls shown on A1-2, at Checkout and Testing in Auto-Tutorial Center #102 and provide architectural, electrical, mechanical, telecomm revisions as indicated.

1. Provide partition type "13" walls around the Check-out and Testing in lieu of NIC de-mountable walls, see SKA-49.1 for revised plans. Wall to be 4" metal studs at 16" o.c. to 6" above ceiling per SKA-49.3.
2. See SKA-49.2 for the RCP in this area for revised lighting, and ceiling layout.
3. Add hollow metal windows type (4) HM22a, (2) HM22b, (1) HM22c and (2) HM22d, as shown on SKA-49.4 and SKA-49.5, centered on walls of room typical, U.N.O.
4. See SKM-49.1 and SKM-49.2 for revised mechanical.
5. See SKE-49.1 for revised lighting and SKE.2,3 & 4 for revised power requirements and deletion at (4) floor boxes.
6. See SKT-49.1 for Telecom revisions.

Issued By: Architect
Requested By: Owner
Reason: Owner request
Enclosures: SKA-49.1, SKA-49.2, SKA-49.3, SKA-49.4, SKA-49.5, SKM-49.1, SKM-49.2, SKE-49.1, SKE-49.2, SKE-49.3, SKE-49.4, SKT-49.1

tBP/Architecture, 1000 Burnett Ave. Suite 140. Concord, CA. 94520. ph: 925.246.6419. fax: 925.246.6495



Cc. Concord Drywall

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: 2nd Floor Edge of Slab @ D-line near north entrance at doors 102/103
RFI No: **276**
Reference (dwg, spec.): A1-2
Subcontractor RFI: Concord 10
Reply Requested By: 7/13/06

INFORMATION REQUESTED: Date: 7/6/06

The 2nd floor edge of deck just west of D-line between approximately 6.7-line and 7-line (the "roof" of Biology classroom 152) was not installed parallel to column line D as it should have been. At the outside corner near 6.7, the edge of deck is in the correct location. However, as you travel south towards 7-line, the edge of deck "moves" into the plane of the exterior wall. At 7-line, this conflict is 1 ¼". The overall distance of the affected area is approximately 8 feet.

[illegible]

Do you concur?

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DASSE DATE:
See sketch SK-1 and SK-2 attached. Stud substitution shall have same stiffness and strength as the 6" stud. Also provide 4" stud above roof to maintain uniform parapet wall thickness. revised 8-2-06

RFI # 000
Page 1

Section Properties

Structural (S) Stud Section Properties

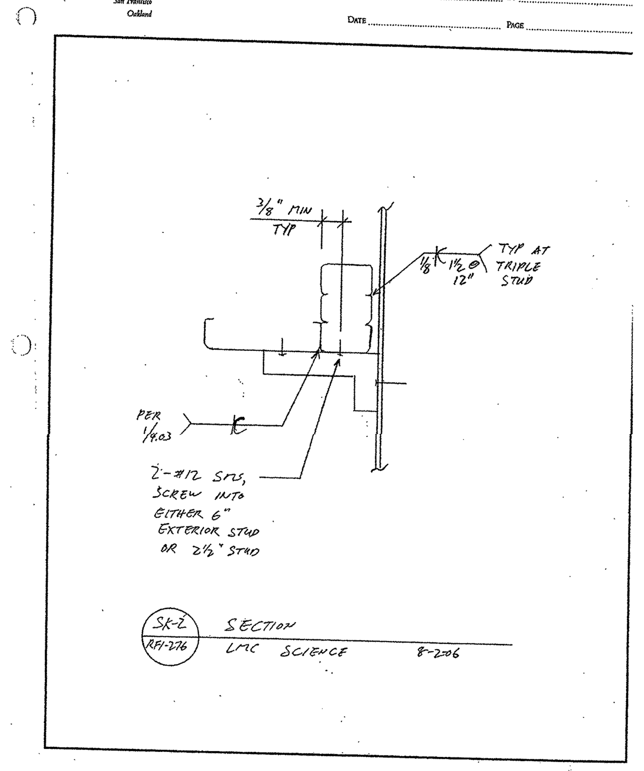
250S137-33	0.0346	0.197	0.67	0.203	0.163	1.015	0.052	0.515	0.203	0.158	3.09	1040	1.272						0.079	0.075	-1.170	1.633	0.486
250S137-43	0.0451	0.255	0.87	0.261	0.208	1.010	0.067	0.511	0.261	0.205	4.53	1350	1.260						0.173	0.094	-1.158	1.620	0.489
250S137-54	0.0566	0.316	1.07	0.318	0.255	1.004	0.080	0.504	0.318	0.255	5.76	1656	1.250	0.318	0.244	8.22	2510	1.274	0.337	0.113	-1.150	1.608	0.488
250S137-68	0.0713	0.390	1.33	0.386	0.309	0.994	0.095	0.495	0.386	0.309	7.19	2017	1.250	0.386	0.308	10.65	3057	1.251	0.661	0.134	-1.142	1.593	0.486
[illegible]																							
350S162-33	0.0346	0.258	0.88	0.508	0.290	1.404	0.098	0.617	0.508	0.279	5.50	1046	1.779						0.109	0.279	-1.351	2.044	0.563
350S162-43	0.0451	0.334	1.14	0.654	0.374	1.400	0.125	0.612	0.654	0.372	8.08	1777	1.755						0.227	0.345	-1.339	2.031	0.565
350S162-54	0.0566	0.415	1.41	0.804	0.460	1.392	0.152	0.606	0.804	0.460	10.20	2403	1.750	0.804	0.447	13.37	3446	1.773	0.443	0.418	-1.331	2.019	0.566
350S162-68	0.0713	0.515	1.75	0.985	0.563	1.383	0.184	0.597	0.985	0.563	12.83	2959	1.750	0.985	0.557	18.89	4483	1.758	0.872	0.503	-1.321	2.004	0.565
[illegible]																							
362S162-33	0.0346	0.262	0.89	0.551	0.304	1.450	0.099	0.616	0.551	0.292	5.77	1039	1.843						0.105	0.293	-1.335	2.065	0.582
362S162-43	0.0451	0.340	1.16	0.710	0.392	1.445	0.127	0.611	0.710	0.389	8.46	1777	1.818						0.230	0.371	-1.323	2.052	0.585
362S162-54	0.0566	0.422	1.44	0.873	0.481	1.438	0.154	0.604	0.873	0.481	10.69	2497	1.812	0.873	0.468	14.00	3446	1.836	0.451	0.449	-1.314	2.040	0.585
362S162-68	0.0713	0.524	1.78	1.069	0.590	1.429	0.186	0.596	1.069	0.590	13.44	3076	1.812	1.069	0.584	19.80	4661	1.820	0.887	0.540	-1.305	2.024	0.585
[illegible]																							
400S137-33	0.0346	0.249	0.85	0.603	0.301	1.556	0.061	0.496	0.603	0.290	5.74	936	2.031						0.099	0.200	-0.987	1.908	0.732
400S137-43	0.0451	0.323	1.10	0.776	0.388	1.551	0.078	0.491	0.776	0.382	8.43	1777	2.014						0.219	0.253	-0.976	1.897	0.735
400S137-54	0.0566	0.401	1.36	0.953	0.477	1.542	0.094	0.484	0.953	0.477	10.78	2777	2.000	0.953	0.457	15.40	3446	2.034	0.428	0.305	-0.967	1.884	0.737
400S137-68	0.0713	0.497	1.69	1.165	0.582	1.531	0.112	0.475	1.165	0.582	13.58	3429	2.000	1.165	0.581	20.10	5196	2.002	0.842	0.365	-0.956	1.866	0.738
[illegible]																							
400S200-33	0.0346	0.310	1.05	0.812	0.406	1.619	0.183	0.769	0.805	0.362	7.16	936	2.091						0.124	0.689	-1.715	2.481	0.522
400S200-43	0.0451	0.402	1.37	1.047	0.524	1.615	0.235	0.764	1.047	0.509	10.06	1777	2.023						0.272	0.876	-1.703	2.468	0.524
400S200-54	0.0566	0.500	1.70	1.292	0.646	1.608	0.287	0.758	1.292	0.646	14.06	2777	2.000	1.292	0.580	17.36	3446	2.091	0.534	1.068	-1.695	2.456	0.524
400S200-68	0.0713	0.622	2.12	1.589	0.795	1.599	0.349	0.750	1.589	0.795	17.68	3429	2.000	1.589	0.766	25.41	5196	2.035	1.054	1.295	-1.686	2.441	0.523
[illegible]																							
600S137-33	0.0346	0.318	1.08	1.582	0.527	2.229	0.069	0.484	1.582	0.510	10.07	612	3.039						0.127	0.493	-0.823	2.421	0.884
600S137-43	0.0451	0.413	1.41	2.042	0.681	2.223	0.087	0.459	2.042	0.670	14.80	1358	3.018						0.280	0.625	-0.813	2.411	0.886
600S137-54	0.0566	0.514	1.75	2.518	0.839	2.213	0.105	0.452	2.518	0.839	18.98	2708	3.000	2.518	0.809	27.23	2708	3.042	0.549	0.757	-0.804	2.398	0.888
600S137-68	0.0713	0.640	2.18	3.094	1.031	2.200	0.125	0.443	3.094	1.031	24.05	4442	3.000	3.094	1.029	35.60	5468	3.002	1.084	0.911	-0.793	2.380	0.889
600S137-97	0.1017	0.889	3.03	4.188	1.396	2.170	0.159	0.422	4.188	1.396	34.48	7372	3.000	4.188	1.396	50.80	11124	3.000	3.066	1.179	-0.770	2.341	0.892
[illegible]																							
600S200-33	0.0346	0.379	1.29	2.075	0.692	2.340	0.209	0.743	2.059	0.617	12.20	812	3.135						0.151	1.577	-1.479	2.886	0.734
600S200-43	0.0451	0.492	1.67	2.683	0.894	2.335	0.268	0.739	2.683	0.873	17.24	1358	3.028						[illegible]				
[illegible]																							

* Web height to thickness ratio exceeds 200. Web stiffeners are required at all support points and concentrated loads

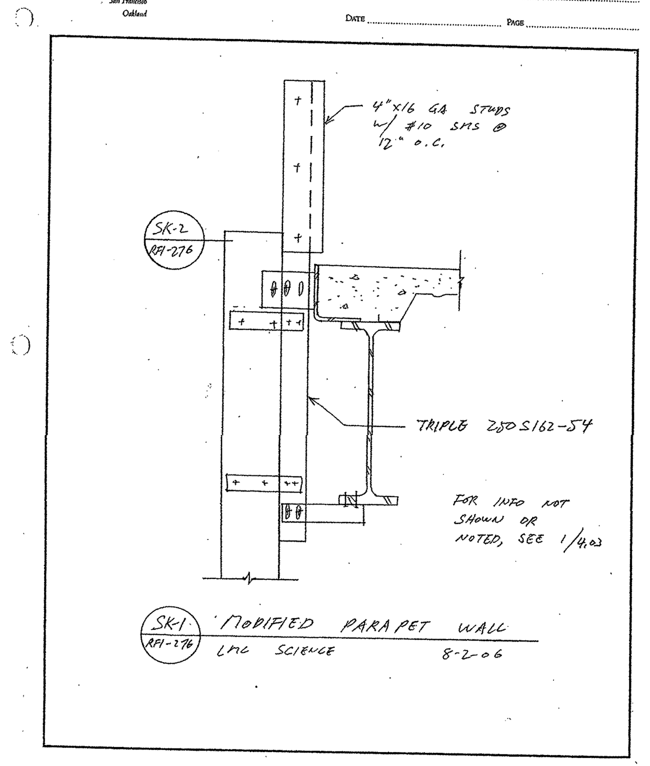
See Section Properties Table Notes on page 8.

7

DASSE
Dasse Design Inc. Structural Engineers
San Francisco Oakland
Project: Job No.: By: Date: Sheet:



DASSE
Dasse Design Inc. Structural Engineers
San Francisco Oakland
Project: Job No.: By: Date: Sheet:



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Limit of window soffit along E-line
RFI No: **336**
Reference (dwg, spec.): A2-2, A2-4
Subcontractor RFI:
Reply Requested By: 9/13/06

INFORMATION REQUESTED: Date: 9/6/06

Per RCP on sheet A2-4, the E-line window soffit stops at the edge of window just south of 6.7-line on the second floor. (Note that there is no column at E/6.7). The RCP on sheet A2-2, the soffit in the same location on first floor extends past the edge of window to the south to 6.7-line. We suggest terminating the first floor soffit at edge of window as is done on the second floor soffit. This will allow aesthetic uniformity as well as simplify ceiling of plumbing piping. Please confirm.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

No exception taken to terminating the first floor soffit in Room B144 at the edge of window similar as is shown on the second floor soffit. Contractor to provide credit to reduction of soffit work.

Yunsses Ling/tBP - 9/27/06

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Ceiling elevation in dry computer lab
RFI No: **310**
Reference (dwg, spec.): A2.2
Subcontractor RFI:
Reply Requested By: 8/9/06

INFORMATION REQUESTED: Date: 8/2/06

Per sheet A2.2, the high ceiling in the dry computer lab on the first floor, east of B-line, is 12'-0" AFF. We understand that it is acceptable to change the ceiling height to 11'-0" AFF to resolve an above ceiling MEP routing conflict. All other aspects of the RCP such as the gypsum board soffit and the elevation of the remainder of the large area ceiling would remain the same. Please confirm.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Bryan Newman

RESPONSE: DATE:

TBP recommends that the A16 fixtures be mounted no closer than 18" to the bottom of the ceiling.
I talked to the sales rep for the A16 fixture and she indicated that the fixtures are to come with an option "adjustable cable grippers" that can be used in the field to adjust the mounting height of the fixture.
Larry Lai/TBP - 8/14/06

NO EXCEPTION to revise ceiling height to 11'-3" AFF as discussed with Mark Delgado/SJA this morning. In order to accommodate the revised ceiling height, mounting height of the A16 under this ceiling, total of (6), is revised to 9'-3" in lieu of 10'-0". SJA to coordinate with Submittal #20-lighting to the mounting height of the A16 under this ceiling. No additional cost to owner shall applied in regarding to this RFI.
Yunsses Ling/tBP - 8/14/06

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Conflict between drift clips and window shades
RFI No: **438.1**
Reference (dwg, spec.): A6-1
Subcontractor RFI:
Reply Requested By: 1/12/07

INFORMATION REQUESTED: Date: 1/5/07

SJA has consulted with our window shade provider regarding the conflict between window shades and drift clips to offer a solution to this issue.

Our subcontractor, [illegible], has proposed a 3-sided aluminum "can" that can be installed into a framed recess, similar to the concept details for installation of shades in other locations. This aluminum "can" would be 5"x 5" by 8' length required. It would be attached to the horizontal 2½" window T6 immediately inboard of the window head and then the shade assembly itself would be installed within this "can." The side of the "can" that would be visible from the building exterior is factory finished in white. If the can is installed hard up to the bottom of the drift clips, approximately 1 1/2" of the vertical leg would be visible from the exterior. A sample of the can was shown to the architect during a 1/4/07 site visit.

However, it would appear that this "can" needs to be installed with some clearance between it and the drift clips to avoid conflict in a seismic event.

Please provide a dimension for the needed clearance and also confirm use of the added "can" to address aesthetic concerns.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:

No exception taken to use of the sample "can" viewed on site.
The installation to be consistent either side of columns (where occur) in a given room.
Provide 1/2" clear distance between bottom of clip and top of can.

Jim Weaver / tBP Architecture
C. Ng / Dasse
1/10/07

RFI # 000
Page 1

Bulletin No.41

tBP Architecture Planning Interiors Management

Date: 9/11/2006
To: S.J. Amoroso Construction, 390 Bridge Parkway, Redwood shores CA 94065
Project: **LOS MEDANOS COLLEGE SCIENCE BUILDING**
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:
REFERENCE: RFI #299, A1-2, A2-2, 10/4.03, M1.2, FA-1.1, FA-1.2

Provide Occupancy separation between Shaft and Mechanical Room #123.

In Mechanical Room #123:

1. 1-Hr occupancy separation is completed by adding 1- HR suspended wall and ceiling above Mechanical Room #123. See attached sketches SKA-41.1 to SKA-41.3. See SKS-41.1 to SKS-41.3 for framing details.
2. See SKM-41.2 for the added (2) additional CFSDs (Combination Fire Smoke Damper) on the added on the suspended wall.
3. See SKE-41.2 for the added (2) electrical-fire alarm connections and (2) sets of relay interface modules to the added CSFDs in line item #2.
4. At the north wall of Mechanical Room, add (2) layers of "x" type gypsum board on top track where the track is exposed on the slab opening at shaft. See SKA-41.3.

In Major Biology Lab #143:

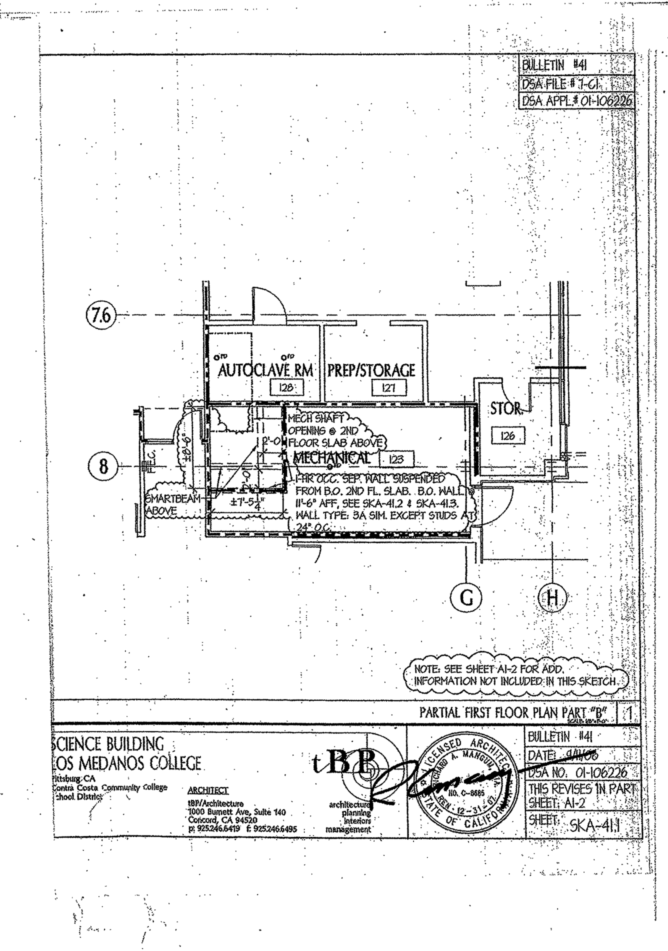
5. (1) CFSD is deleted at the duct work above ceiling in Major Biology Lab #143. Since this duct does not penetrate rated assembly in this location, CFSD in the location is not required. See attached SKM-41.1. Provide credit to the removed of (1) CFSD.
6. Since the CFSD in line item #4 is deleted, (1) set of electrical-fire alarm connection and (1) set of relay interface module are deleted. See attached SKE-41.1. Provide credit to the removed of the above electrical and fire alarm work.

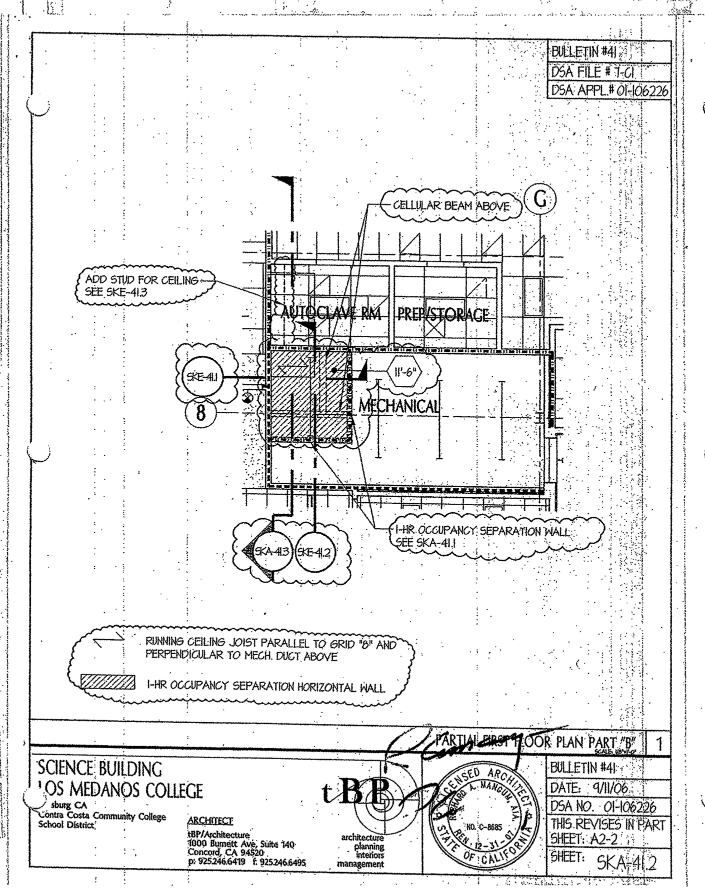
At all the shaft wall:

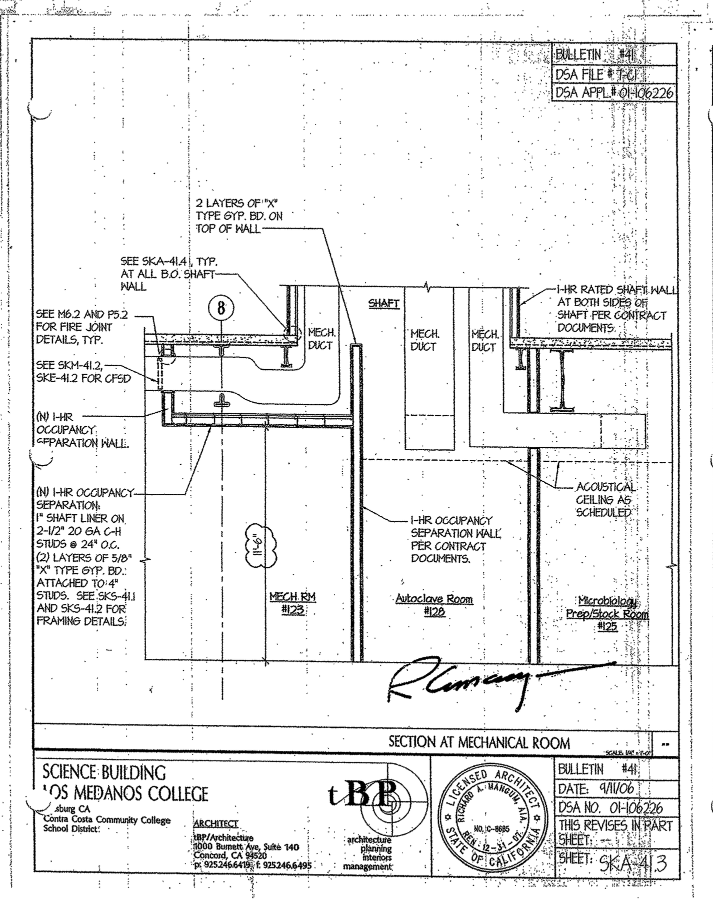
7. Provide fire caulking at the bottom of all shaft wall per Specification Section 07840-3.04-i. See attached SKA-41.4.

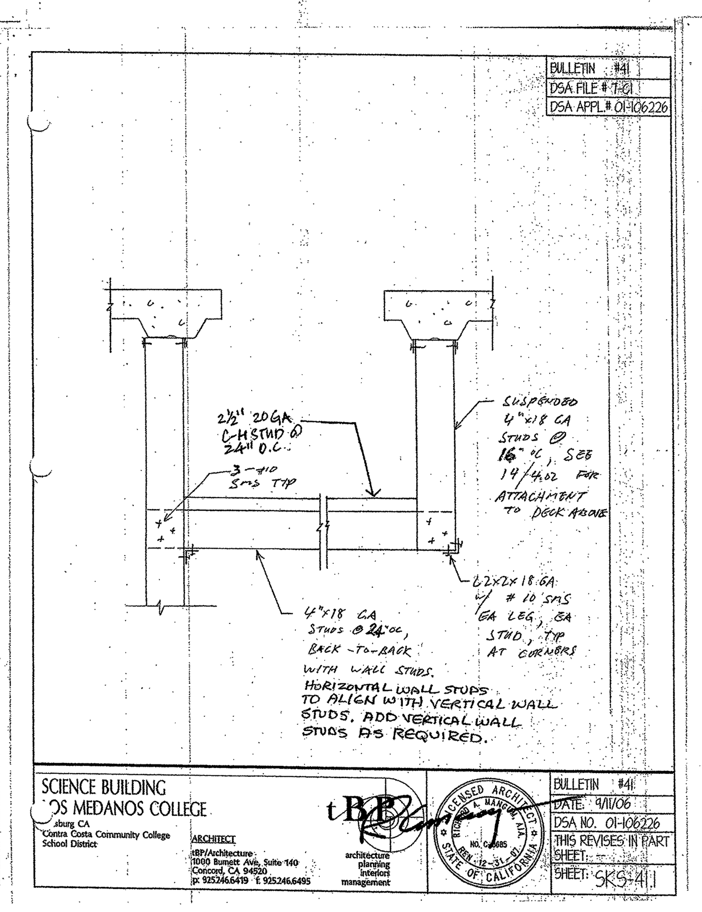
Issued By: Architect

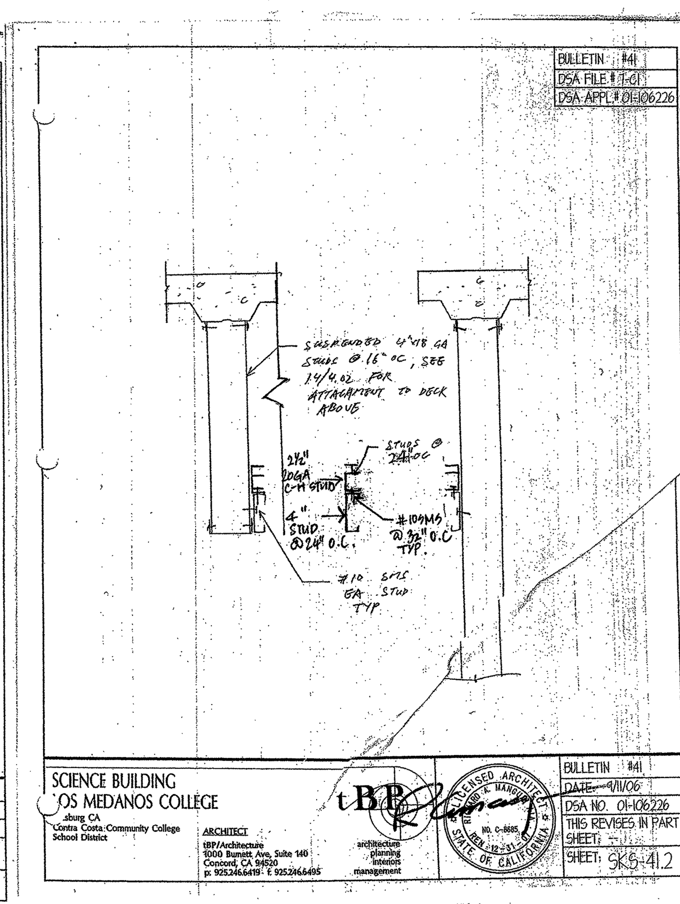
tBP/Architecture, 1000 Burnett Ave. Suite 140. Concord, CA 94520 ph: 925.246.6419

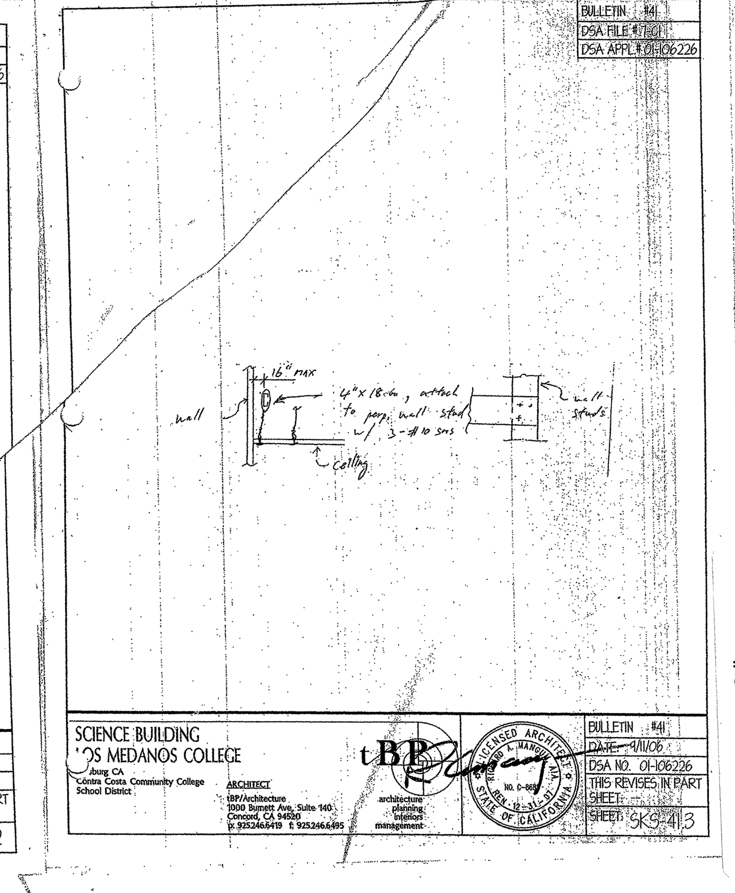




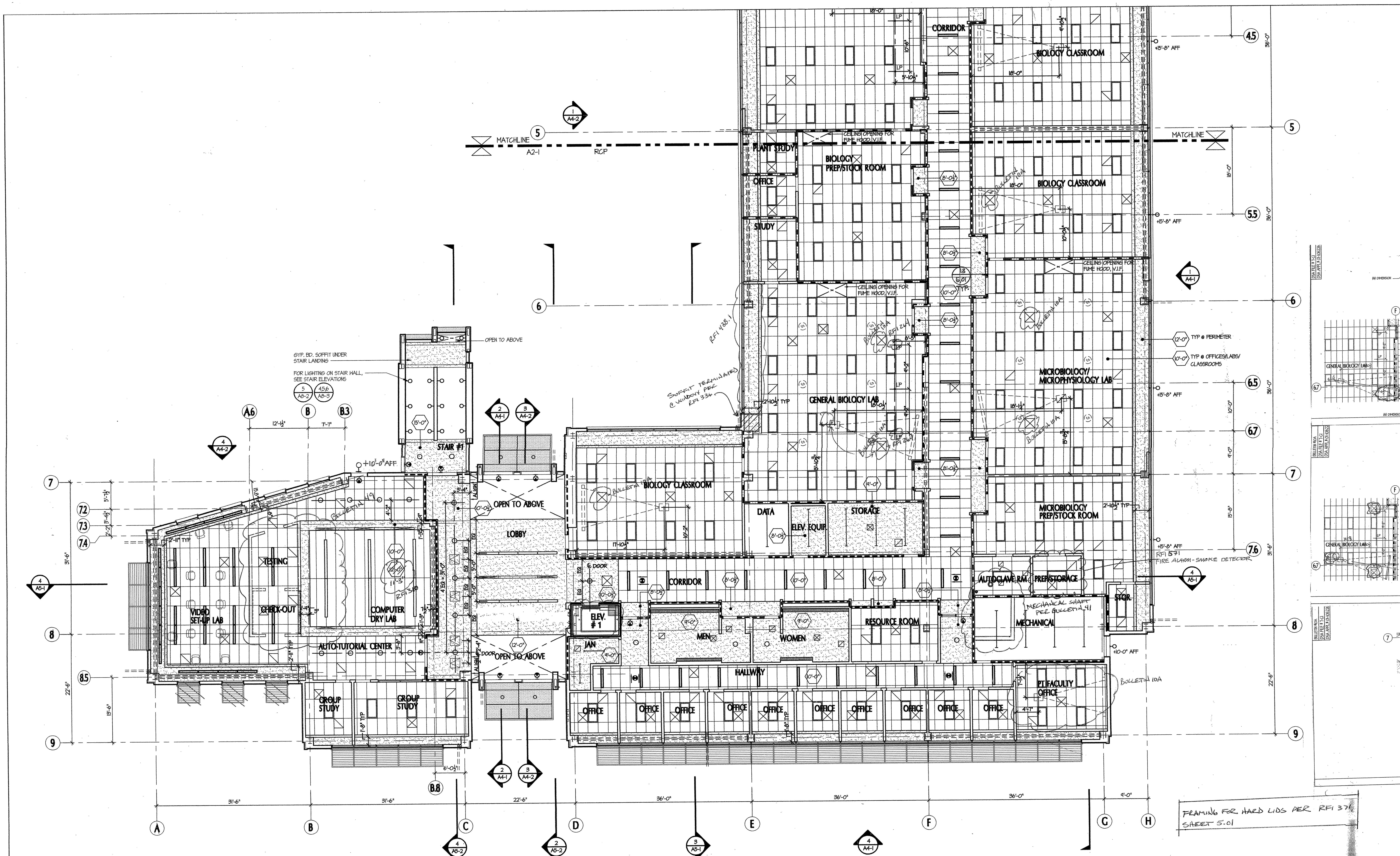








Los Medanos College
Science Building



Refer to Drawings A2-2, A2-4, Reflected Ceiling Plans:
a. Sunshades at three windows on south side of Auto-tutorial Center between grid lines A and B on A2-2 are deleted. ADDENDUM No. 1

FIRST FLOOR PLAN PART "B" 1

SCALE: 1/8"=1'-0"

LIGHTING TYPES :

- RECESSED DOWNLIGHT
- 2' x 4' LAY-IN FLUORESCENT LIGHT FIXTURE
- SURFACE OR PENDANT MOUNTED FLUORESCENT
- PENDANT FLUORESCENT LIGHT FIXTURE, MOUNTING HT. AT 10-0" A.F.F., TYP.
- COVE LIGHTING FIXTURE
- 8" X 4' RECESSED FLUORESCENT
- WALL MOUNTED FLUORESCENT LIGHT FIXTURE
- PARABOLIC FLUORESCENT LIGHT FIXTURE
- EXIT SIGN - CEILING MOUNTED
- EXIT SIGN - WALL MOUNTED
- WALL MOUNTED LIGHT FIXTURE

NOTE: SEE ELECTRICAL DRAWINGS FOR LOCATIONS OF DIMMABLE LIGHTING, EMERGENCY LIGHTING AND EXIT SIGNS.

REFER TO ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

CEILING TYPES :

- 2' X 4' ACOUSTICAL CEILING TILE PER 1/5.01
- GYP. BD. CEILING PER 10/5.01
- OPEN OR OPEN TO STRUCTURE ABOVE.
- 2' X ACOUSTICAL PLANK BOARD. SEE DETAIL SHEET 5.01 FOR ADDITIONAL INFORMATION AND DETAILS
- METAL PANEL TYPE-C SOFFIT
- CEMENT PLASTER SOFFIT COLOR #2 4/5.01

SEE DETAIL SHEET 5.01 FOR DETAILS OF ACOUSTIC PANEL CEILING SYSTEMS, CEILING NOTES AND SUSPENDED GYPSUM

FOR CEILING FINISHES, SEE FINISH SCHEDULE SHEET 9.01.

WALL TYPES

1-HR FIRE RATED ASSEMBLY

1-HR FIRE RATED ASSEMBLY
(OCCUPANCY SEPARATION)

2-HR FIRE RATED ASSEMBLY
(AT CHEMICAL WASTE STORAGE ONLY)

REFER TO FLOOR PLANS FOR PARTITION TYPES AND DETAILS

MECHANICAL AND MISC.:

- MECHANICAL REGISTER - RETURN
- MECHANICAL REGISTER - SUPPLY
- MECHANICAL REGISTER - EXHAUST
- CEILING ACCESS PANEL
- LINEAR DIFFUSERS

MECHANICAL GRILLES, REGISTERS, EXTERIOR LOUVERS AND ELECTRICAL FIXTURES ARE SHOWN FOR LOCATION PURPOSES ONLY. VERIFY QUANTITY AND SIZES WITH MECHANICAL OR ELECTRICAL DRAWINGS.

LEGEND:

- X'-X" FIN. CLG HEIGHT ABOVE FINISHED FLOOR
- PROJECTOR N.I.C. INSTALLED BY DISTRICT SUB, SJA CANNOT CONFIRM LOCATIONS MOUNTING DETAILS PER DETS. 9 + 10/5.02
- CLG. MOUNT SCREEN (N.I.C.) PER DET. 8/5.02
- LP LIFT POINT PER 2/5.02
- CEILING MOUNTED SPEAKER (N.I.C.), CONFIRM LOCATIONS W/ OWNER

GENERAL NOTES :

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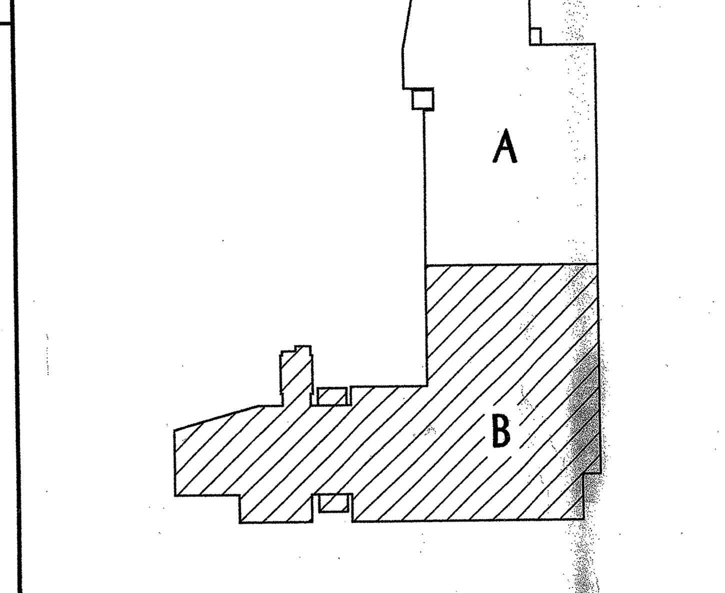
2. FOR CEILING MATERIALS AND HEIGHTS, SEE FINISH SCHEDULE SHEET 9.01
   CEILING HEIGHT IN ALL ROOMS TO BE 10'-0" A.F.F., U.O.N.
3. CENTER SUSPENDED FLUORSCENT FIXTURES IN ROOMS WITH NO CEILING, U.N.O.
4. FOR ATTACHMENT GUIDELINES OF CEILING GRID MEMBERS, SEE NOTE (b) (4) ON SHEET 5.01

KEY PLAN



tBP architecture planning interiors management

tBP project number : 20241.00
file name: 1ST-FLR-PLAN
drawn by: MV checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
FIRST FLOOR REFLECTED CEILING PLAN PART "B"
LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:
A2-2

MAR-21-2007 09:56 DSA OAKLAND P.002

SEE RFI 436 POSTED ON SHEET A2-1

tBP Architecture Planning Interiors Management

DSA #01-106226
FILE #7-C1

Date: 1/5/07

To: California Dept. of General Services
Division of State Architect
1515 Clay Street, Suite 1201
Oakland, CA 94612

Attention: **FAI AUYOUNG**

Fax: 510-622 3073

Project: **Los Medanos College**
Science Building

Project No. 20247.00

From: Jim Weaver, tBP/Architecture

Re: Anchorage of exam lights

Message: Fai:

You previously approved the anchorage of this exam light. Since then, one of these lights was found to be in conflict with an existing mechanical duct. The revised details, SSK-1 thru SSK-5 are attached for your review. 3 pages of structural calculations and manufacturer product data are also attached.

Please remember the exam light itself is only 23 lbs.

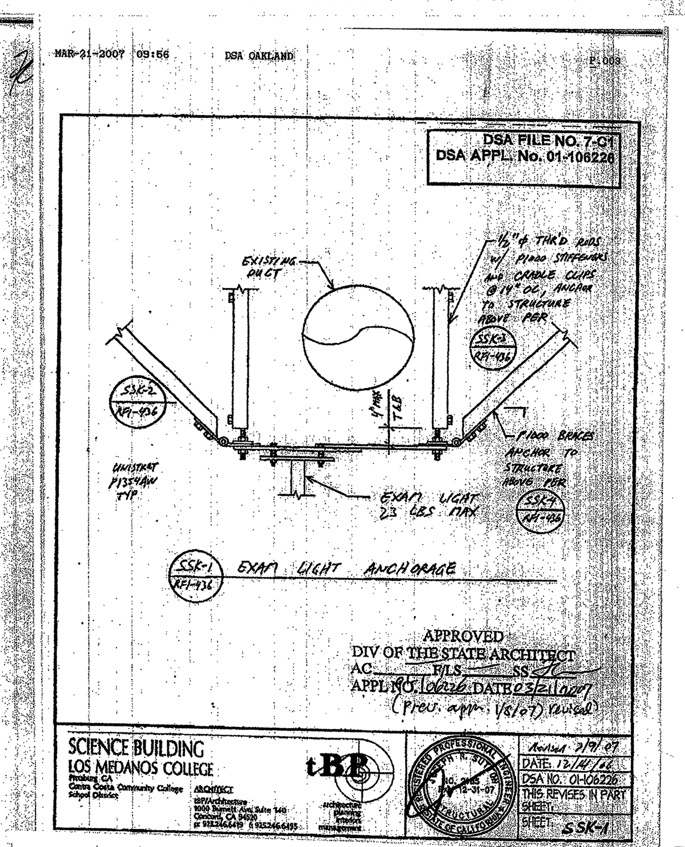
Previous approval at revised sheets SSK-1 and 2 included for reference.

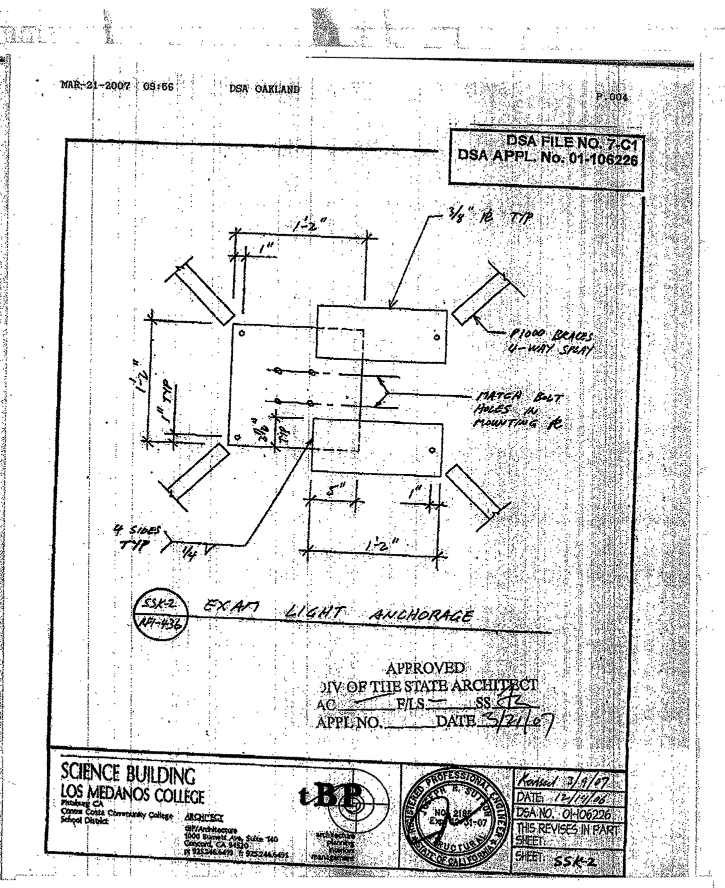
Thank you,

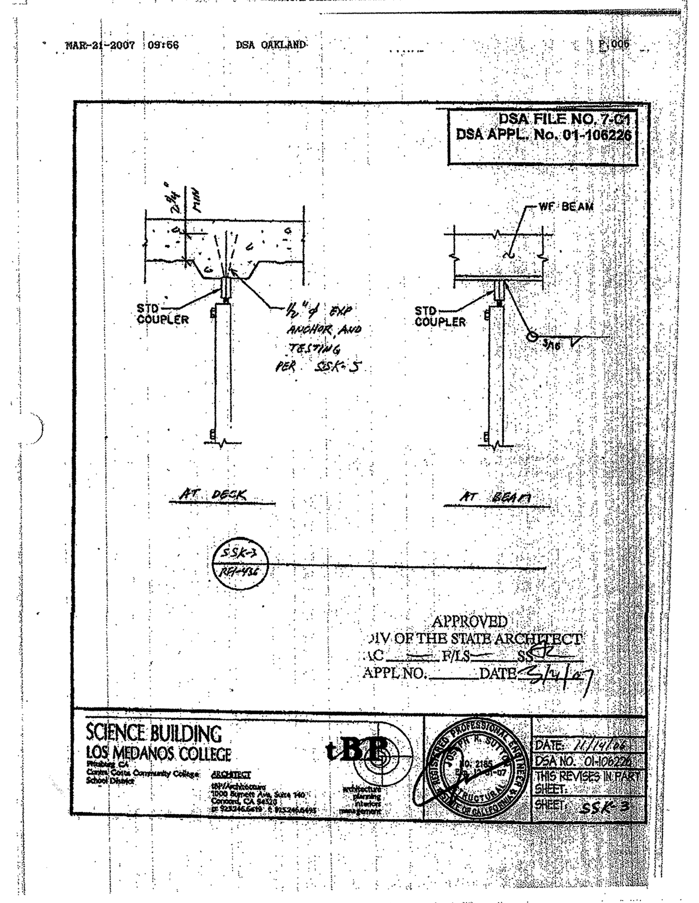
Jim.

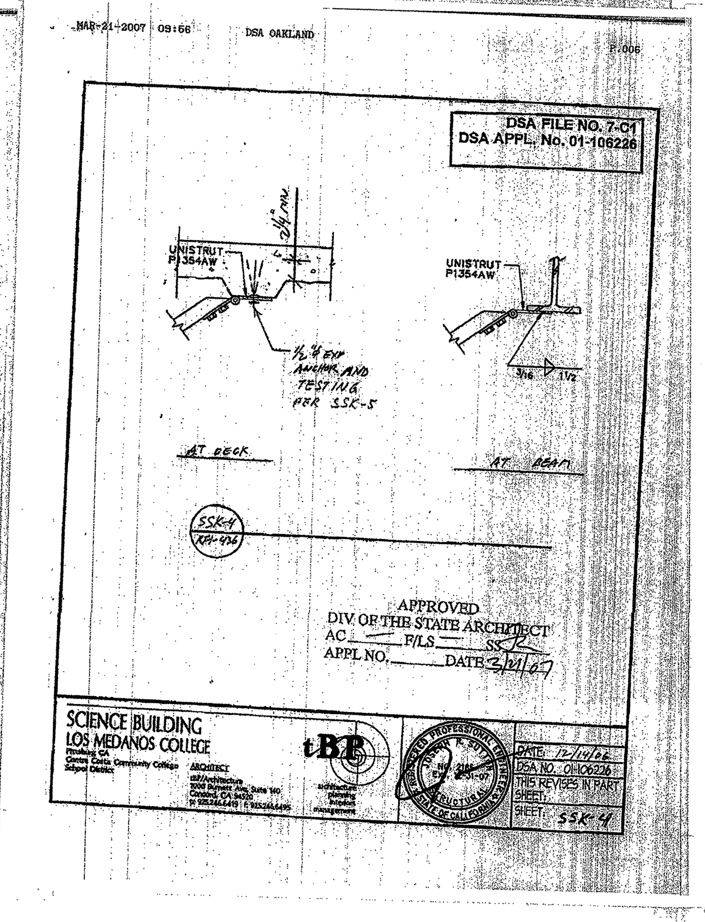
Delivery:
- [ ] UPS
- [ ] U.S. Mail
- [ ] Messenger
- [ ] Hand Delivery
- [x] Fax (19 pages including cover sheet)

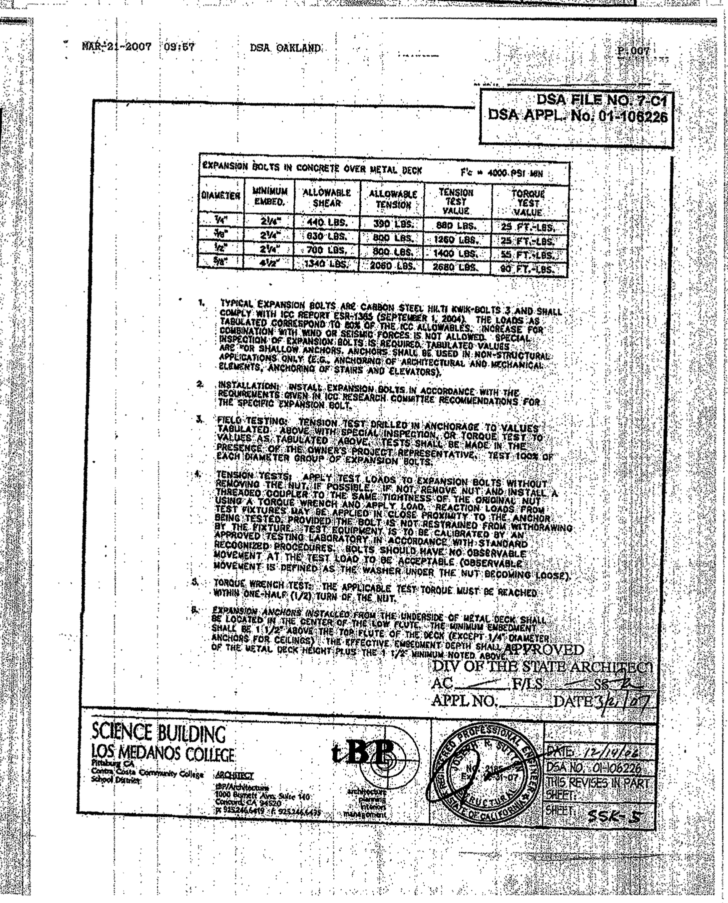
tBP/Architecture · 1000 Burnett Ave. Suite 140 · Concord, CA ...

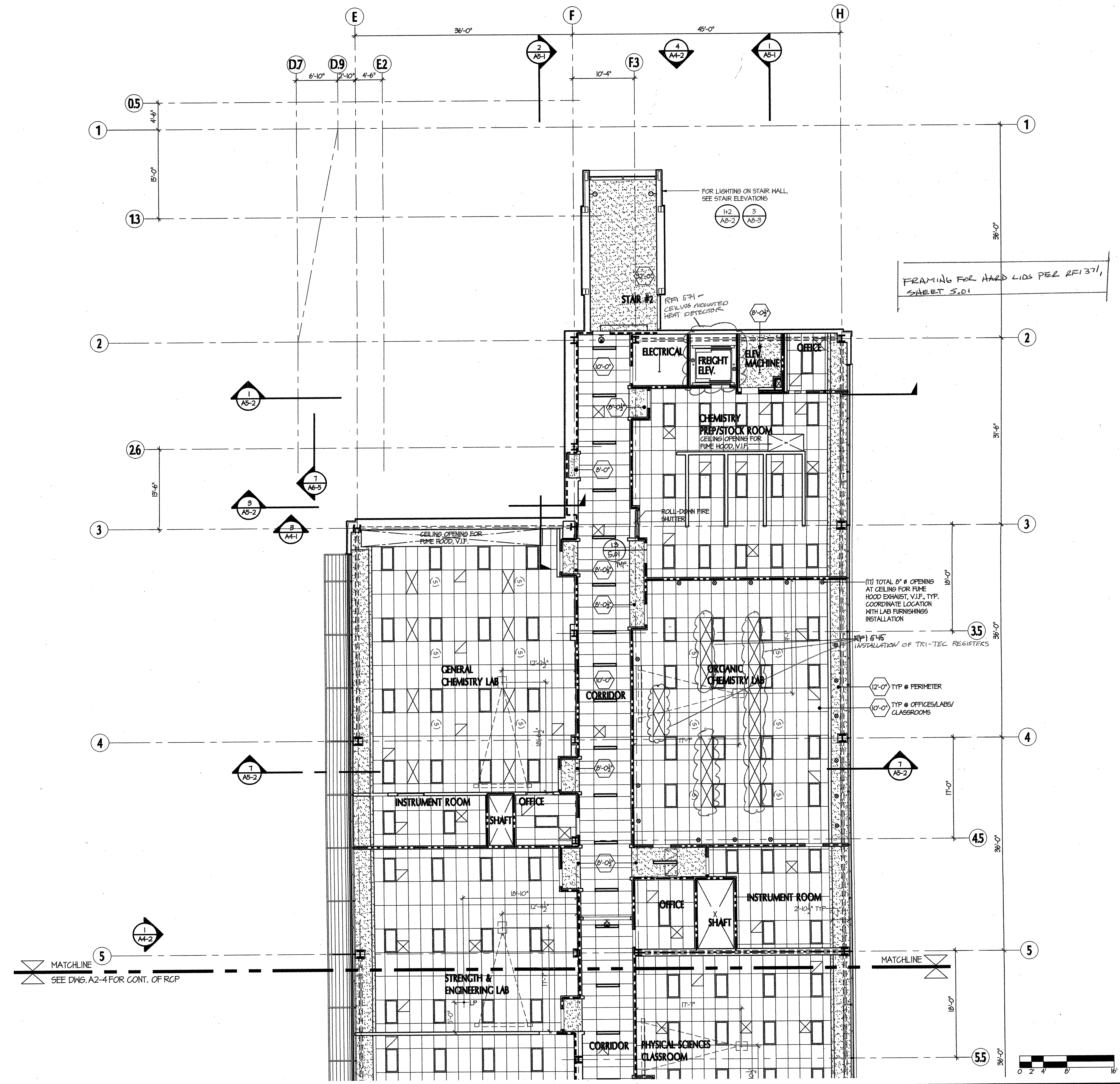








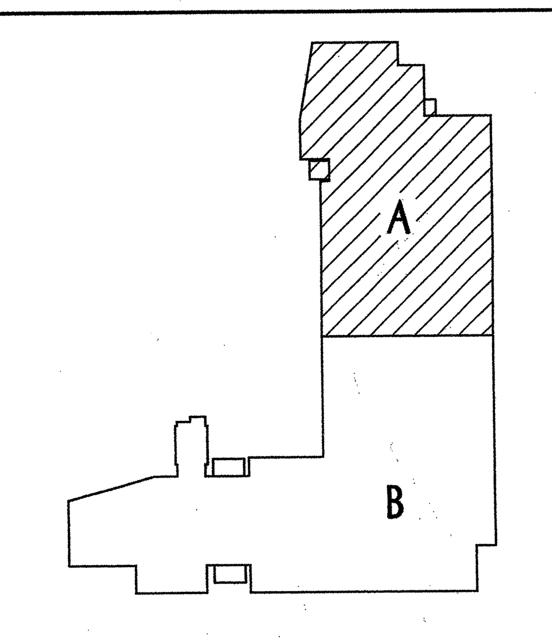




SECOND FLOOR REFLECTED CEILING PLAN PART "A" | 1

SCALE: 1/8"=1'-0"

KEY PLAN



LIGHTING TYPES :

- RECESSED DOWNLIGHT
- 2' x 4' LAY-IN FLUORESCENT LIGHT FIXTURE
- SURFACE OR PENDANT MOUNTED FLUORESCENT
- PENDANT FLUORESCENT LIGHT FIXTURE, MOUNTING HT. AT 10-0" A.F.F., TYP.
- COVE LIGHTING FIXTURE
- 8" X 4' RECESSED FLUORESCENT
- WALL MOUNTED FLUORESCENT LIGHT FIXTURE
- PARABOLIC FLUORESCENT LIGHT FIXTURE
- EXIT SIGN - CEILING MOUNTED
- EXIT SIGN - WALL MOUNTED
- WALL MOUNTED LIGHT FIXTURE

NOTE: SEE ELECTRICAL DRAWINGS FOR LOCATIONS OF DIMMABLE LIGHTING, EMERGENCY LIGHTING AND EXIT SIGNS.

REFER TO ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

CEILING TYPES :

- 2' X 4' ACOUSTICAL CEILING TILE PER 1/5.01
- GYP. BD. CEILING PER 10/5.01
- OPEN OR OPEN TO STRUCTURE ABOVE.
- 2' X ACOUSTICAL PLANK BOARD. SEE DETAIL SHEET 5.01 FOR ADDITIONAL INFORMATION AND DETAILS
- METAL PANEL TYPE-C SOFFIT
- CEMENT PLASTER SOFFIT COLOR #2 4/5.01

SEE DETAIL SHEET 5.01 FOR DETAILS OF ACOUSTIC PANEL CEILING SYSTEMS, CEILING NOTES AND SUSPENDED GYPSUM

FOR CEILING FINISHES, SEE FINISH SCHEDULE SHEET 9.01.

WALL TYPES

- 1-HR FIRE RATED ASSEMBLY
- 1-HR FIRE RATED ASSEMBLY (OCCUPANCY SEPARATION)
- 2-HR FIRE RATED ASSEMBLY (AT CHEMICAL WASTE STORAGE ONLY)

REFER TO FLOOR PLANS FOR PARTITION TYPES AND DETAILS

MECHANICAL AND MISC:

- MECHANICAL REGISTER - RETURN
- MECHANICAL REGISTER - SUPPLY
- MECHANICAL REGISTER - EXHAUST
- CEILING ACCESS PANEL
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- X'-X" FIN. CLG HEIGHT ABOVE FINISHED FLOOR
- PROJECTOR N.I.C. INSTALLED BY DISTRICT SUB, SJA MOUNTING DETAILS PER DETS. **9 + 10/5.02** CANNOT CONFIRM LOCATIONS
- CLG. MOUNT SCREEN (N.I.C.) PER DET. **8/5.02**
- LP LIFT POINT PER **2/5.02**
- CEILING MOUNTED SPEAKER (N.I.C.), CONFIRM LOCATIONS W/ OWNER

GENERAL NOTES :

1. PROVIDE CEM. BACKER BD. AT WALLS OF WASHROOMS AND JANITOR CLOSET.
2. FOR CEILING MATERIALS AND HEIGHTS, SEE FINISH SCHEDULE SHEET **9.01**
   CEILING HEIGHT IN ALL ROOMS TO BE 10'-0" A.F.F., U.O.N.
3. CENTER SUSPENDED FLUORSCENT FIXTURES IN ROOMS WITH NO CEILING, U.N.O.
4. FOR ATTACHMENT GUIDELINES OF CEILING GRID MEMBERS, SEE NOTE (b) (4) ON SHEET **5.01**

tBP
architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
FILE No. 7-C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number : 20241.00

file name: 2ND-FLR-PLAN

drawn by: MV, VL checked by:

date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:

SECOND FL REFLECTED CEILING PLAN PART "A"

LMC SCIENCE 313-023-112.01-0-00.00

drawing no.:

A2-3

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Stair No. 1 ceiling height

RFI No: **328**

Reference (dwg, spec.): S2.2.2, A2-4

Subcontractor RFI:

Reply Requested By: 8/28/06 received 8/29/06

INFORMATION REQUESTED: Date: 8/21/06

Per several details, top of roof pavers are at elevation 33'-2". Considering roof paver assembly thickness of 2 ½", concrete and metal decking thickness of 6", and W24 beam depth of 24", the bottom of the W24 at 7-line near stair no. 1 is at approximately 30'-6".
Per RCP on sheet A2-4, the ceiling height at this stair is 16'-0" above 2nd floor which translates into an elevation of 32'-0", which is above the beam in this location. If ceiling is left at this location, there is only approximately 6" from finish ceiling to bottom of metal deck.
Please review and advise if ceiling is to be dropped in this location.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

Refer to A2-4 and section 5/A8.4. The 16'-0" ceiling height is only between grids 6.8 and 7. Bottom of deck is at 32'-5¾", leaving 5¾" for the ceiling. Just north of grid 7 and the W24 beam, the ceiling drops to 10'-0½" above 2nd floor. 8-29-06

RFI # 000
Page 1

12/18/2006 16:50 FAX TBP ARCHITECTURE → SJA AT LMC 001/002

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Soffit at exterior window in corridor

RFI No: **437**

Reference (dwg, spec.): A2-4

Subcontractor RFI:

RECEIVED
DEC 11 2006
TBP/CONCORD

Reply Requested By: 12/13/06

INFORMATION REQUESTED: Date: 12/6/06

Reference drawings A2-4 and note that the single aluminum window along 8.5-line at b.8-line is actually in the corridor with a gyp bd ceiling height of 10'-0 ½", which is below the top of window. It appears that a soffit similar to those at exterior strip windows would be suitable for this location. Please review and provide appropriate dimensions (i.e. height and width).

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

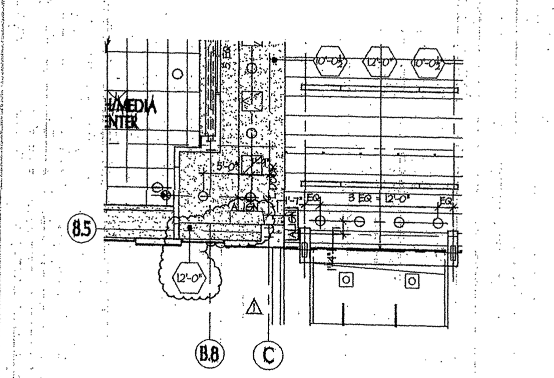
RESPONSE: T. BECKETT DATE: 12-18-06

SEE ATTACHED SHEET SKA 437.1 WHICH REVISES GYP BOARD CEILING TO PROVIDE SOFFIT @ EXTERIOR WINDOW AS NOTED ABOVE. ALIGN NEW SOFFIT AS NOTED.

RFI # 000
Page 1

12/18/2006 16:50 FAX TBP ARCHITECTURE → SJA AT LMC 002/002

DSA FILE # 7-C1
DSA APPL.# 01-106226



PARTIAL SECOND FLOOR REFLECTED CEILING PLAN PART "B" 1

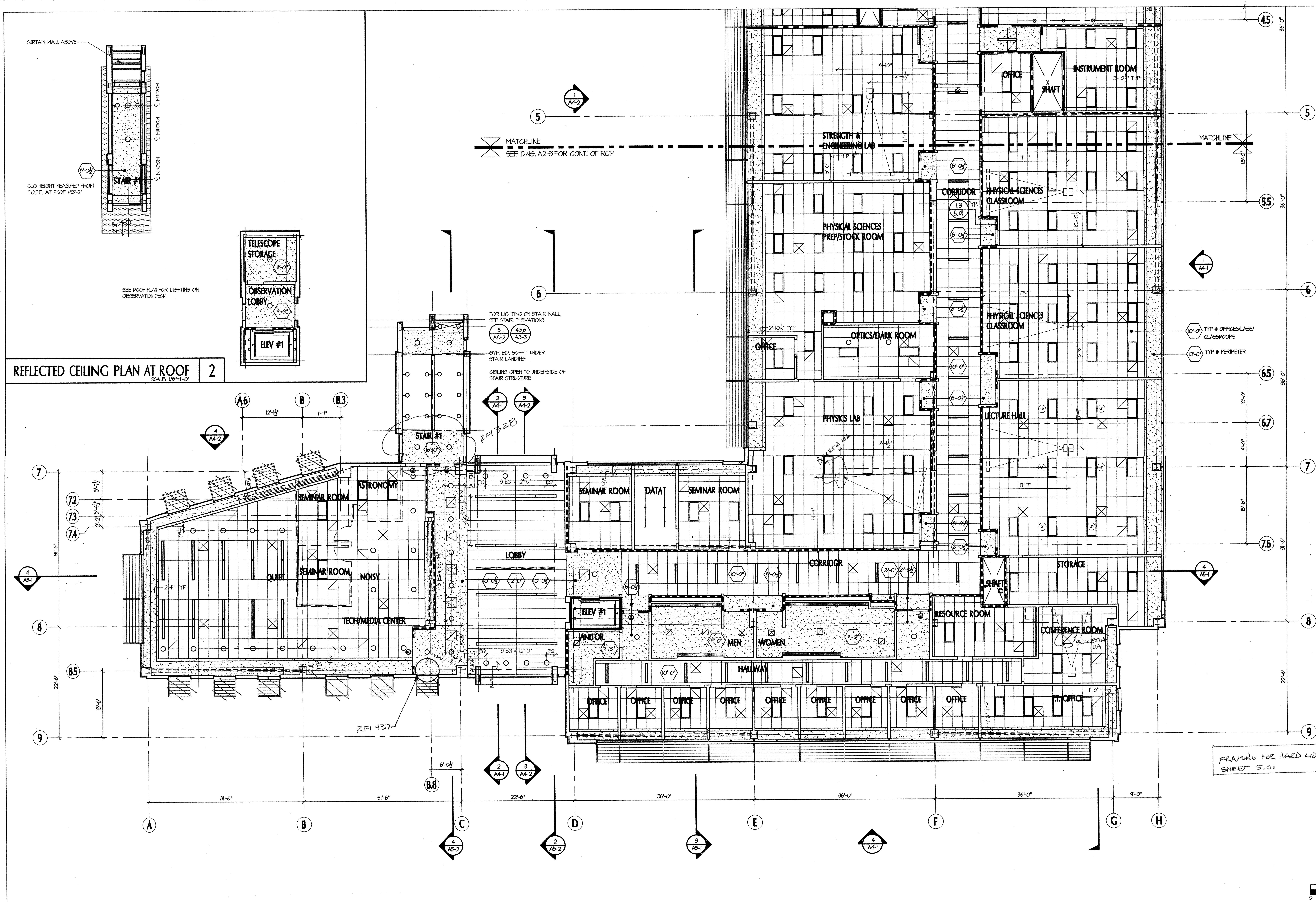
SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District

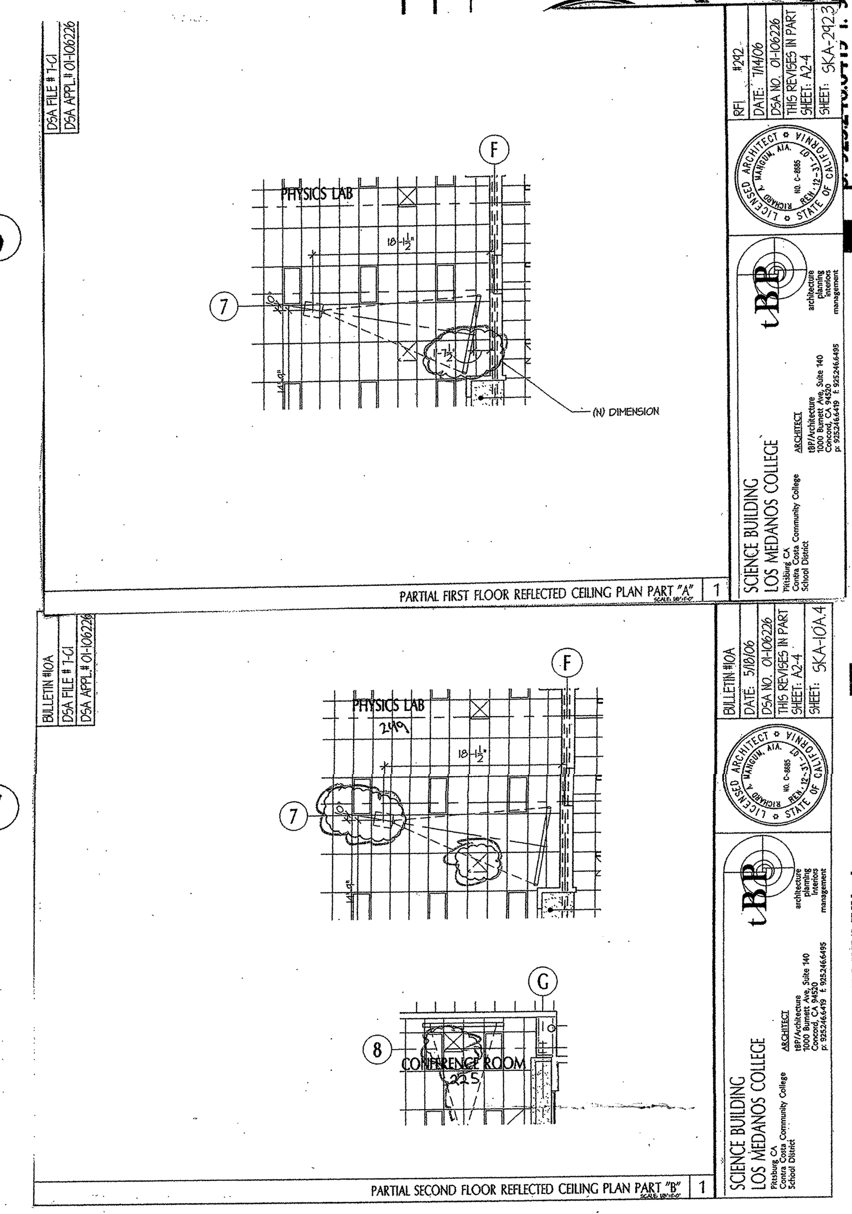
ARCHITECT
tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

tBP architecture planning interiors management

LICENSED ARCHITECT RICHARD A. VANGUM NO. C-8685 REN. 12-31-07 STATE OF CALIFORNIA

RFI#: 431
DATE: 12/18/06
THIS REVISES IN PART SHEET: A2-4
SHEET: SKA437.1

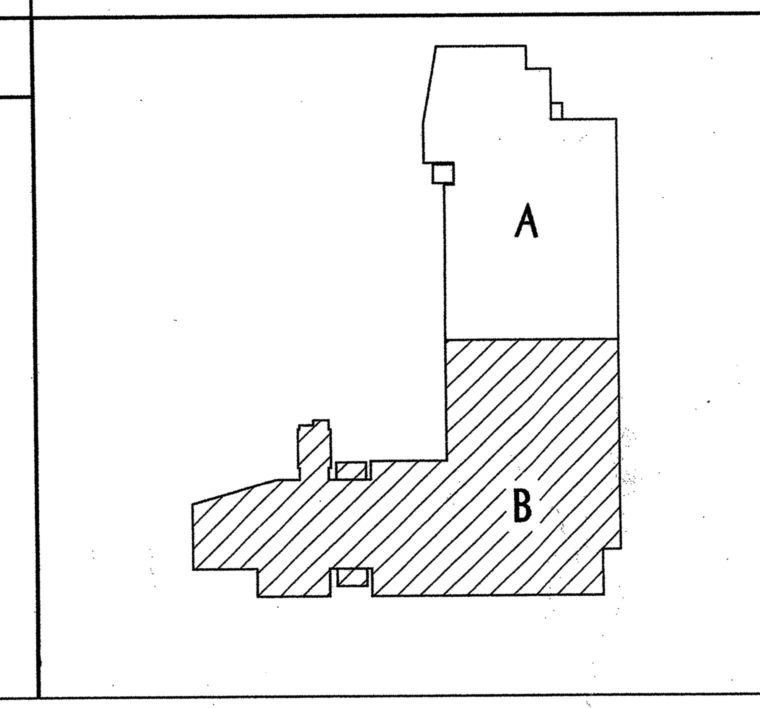




Sunshades at all windows on both north and south sides between grid lines A and C of Tech/Media Center shown on A2-4 are deleted (total 10). ADDENDUM No. 1

SECOND FLOOR REFLECTED CEILING PLAN PART "B" | 1
SCALE: 1/8"=1'-0"

KEY PLAN



LIGHTING TYPES :

- RECESSED DOWNLIGHT
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- WALL MOUNTED FLUORESCENT LIGHT FIXTURE
- PARABOLIC FLUORESCENT LIGHT FIXTURE
- EXIT SIGN - CEILING MOUNTED
- EXIT SIGN - WALL MOUNTED
- WALL MOUNTED LIGHT FIXTURE

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REFER TO ELECTRICAL DRAWINGS FOR SPECIFICATIONS.

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- METAL PANEL TYPE-C SOFFIT
- CEMENT PLASTER SOFFIT COLOR #2 4/5.01

SEE DETAIL SHEET 5.01 FOR DETAILS OF ACOUSTIC PANEL CEILING SYSTEMS, CEILING NOTES AND SUSPENDED GYPSUM

FOR CEILING FINISHES, SEE FINISH SCHEDULE SHEET 9.01.

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- 1-HR FIRE RATED ASSEMBLY (OCCUPANCY SEPARATION)
- 2-HR FIRE RATED ASSEMBLY (AT CHEMICAL WASTE STORAGE ONLY)

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LEGEND:

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- CLG. MOUNT SCREEN (N.I.C.) PER DET. 8/5.02
- LP LIFT POINT PER 2/5.02
- CEILING MOUNTED SPEAKER (N.I.C.), CONFIRM LOCATIONS W/ OWNER

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tBP architecture planning interiors management

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Contra Costa Community College District

tBP project number : 20241.00
file name: 1ST-FLR-PLAN
drawn by: VL checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
2ND FL. & RF. REFLECTED CEILING PLAN PART "B"
LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:
A2-4

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Roof ladders

RFI No: **340**
Subcontractor RFI:

Reference (dwg, spec.): A3-1, A3-2

Reply Requested By: 9/14/06

INFORMATION REQUESTED: **Date:** 9/7/06

Review of the roof plan on sheets A3-1 and A3-2 indicates "flat" roofs at seven different elevations when one considers the main roof, two roofs at stair #1, one roof at stair #2, the lecture hall roof, the lobby 140 roof and the telescope storage/observation lobby roof. Yet there are no permanent roof ladders to be installed, which would make access to these various roofs difficult in the future. In particular, access to the mechanical equipment on the lecture hall roof may be prudent. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Justin Warren

RESPONSE: **DATE:**

Per Tom Beckett, no permanent roof ladders are required for the roofs noted above.

Vanessa Ling/tBP - 9/7/06

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

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Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Scupper on roof of stair #2

RFI No: **341**
Subcontractor RFI:

Reference (dwg, spec.): A3-1

Reply Requested By: 9/14/06

INFORMATION REQUESTED: **Date:** 9/7/06

Per A3-1, there is a scupper on the south parapet of the stair #2 roof near the west end. Therefore, rain falling on this roof would fall to the main roof, and due to the HP on the main roof, flow to the west and south and eventually drain out of the drain south of 3-line. Relocating this scupper east of the main roof HP would allow this water to drain to the east into the drain at 2-line. Please advise if this is preferred or we should follow the contract drawings.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Justin Warren

RESPONSE: **DATE:**

No exception taken to relocate the scupper drain on the south parapet of the Stair #2 roof to the east of the south parapet. Edge of scupper opening to be 1'-5" to east of Grid P.3. So that the 6"x 6" supper drain opening is 9" to the metal panel joint, ref: 1/218 of Submittal 72.1.

Vanessa Ling/tBP - 9/7/06

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

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Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Reglet/flashing south side of stair #2

RFI No: **376**
Subcontractor RFI:

Reference (dwg, spec.): A3-1

Reply Requested By: 10/11/06

INFORMATION REQUESTED: **Date:** 10/9/06 tBP received 10/12/06

We cannot locate a detail for wall flashing on the south side of the stair #2 wall where it ties into the main roof level. There is metal panel on the high portion of this stair wall and the roofing needs to terminate on this wall. Perhaps a detail call out similar to 12/7.01 would be appropriate. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:**

?

RFI 376.1 WRITTEN

No exception taken to use 12/7.01 similar, in the location noted above. Also reference details 1/218 and 4/404 in Submittal #72.1 - Metal Panel.

Vanessa Ling/tBP - 10/17/06

CC: AIR SYSTEMS

RFI # 000
Page 1

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S. J. AMOROSO
Request For Information/Clarification

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To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Reglet/flashing south side of stair #2

RFI No: **376.1**
Subcontractor RFI:

Reference (dwg, spec.): A3-1

Reply Requested By: 10/11/06

INFORMATION REQUESTED: **Date:** 10/9/06

Text from original RFI 376:
We cannot locate a detail for wall flashing on the south side of the stair #2 wall where it ties into the main roof level. There is metal panel on the high portion of this stair wall and the roofing needs to terminate on this wall. Perhaps a detail call out similar to 12/7.01 would be appropriate. Please advise.

New text to RFI 376.1:
The response to RFI 376 stated "No Exceptions Taken," however RFI 376 was not a submittal for review, it was a question regarding a lack of detail on the drawings. Please provide direction on how we are to proceed with this work.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:**

YOUR ORIGINAL RFI SUGGESTED THAT A "CALL OUT" — OR USE OF DETAIL SIMILAR TO 12/7.01 would Be APPROPRIATE.
USE DETAIL 12/7.01 AS SUGGESTED FOR THIS CONDITION.

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

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To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Gravel stop at lecture hall roof

RFI No: **461**
Subcontractor RFI:

Reference (dwg, spec.): A3-1, 16/7.01

Reply Requested By: 1/11/07

INFORMATION REQUESTED: **Date:** 1/5/07

HOT
Due to curb heights and the slope of the roof at the lecture hall roof area, there is a minimal curb height at the eastern edge of the lecture hall roof. As a result, we are unable to install parapet cap per 16/7.01 along the exterior wall curb of the lecture hall in the vicinity of F-line and 0.5-line. As discussed during the pre-roofing conference, a gravel stop should be installed in this area.

This gravel stop would be similar to 16/7.01 except as noted in the attached sketch.

This would occur in the NE corner of the lecture hall on the curb parallel to F-line and on approximately 8 foot of the curb parallel to 0.5-line. At the "end" of the application of the gravel stop detail, application of 16/7.01 would resume.

From the ground, there would be no visible difference. Please confirm this solution or provide another.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Bryan Newman

RESPONSE: **DATE:**

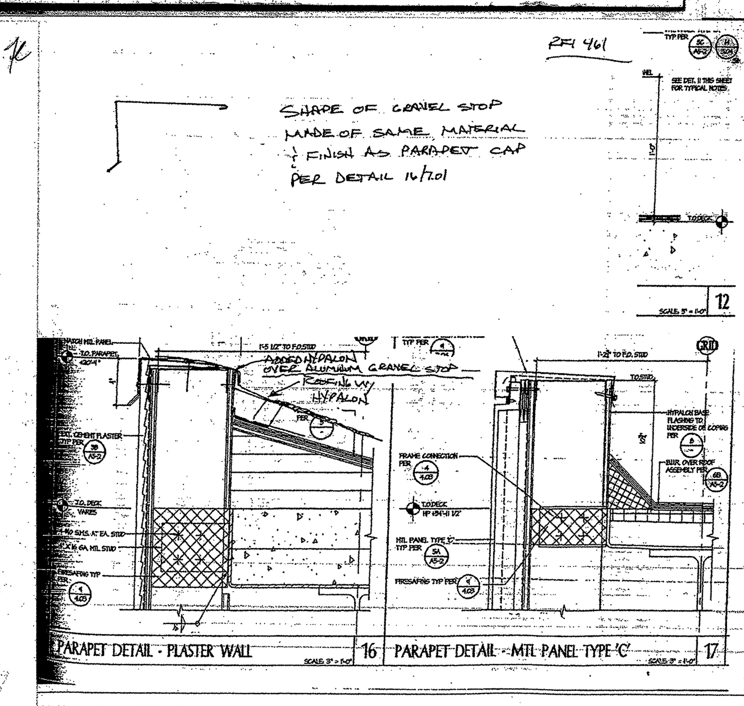
Above mentioned solution is acceptable.
Markups on detail sent with RFI were unclear.
See attached sketch SKA-461.1 for clarification of assembly as discussed in field on 1/9/07.

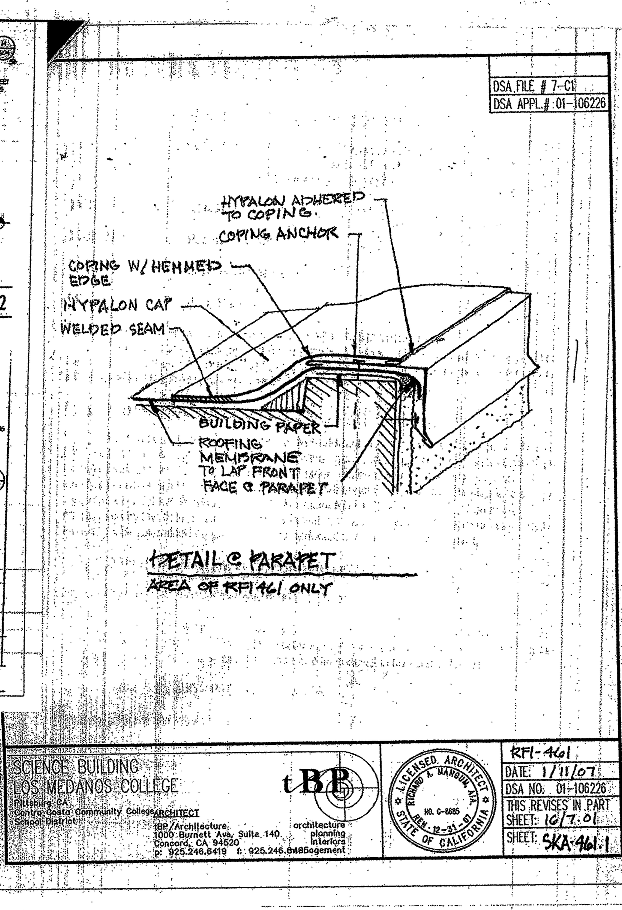
Jim Weaver / tBP Architecture

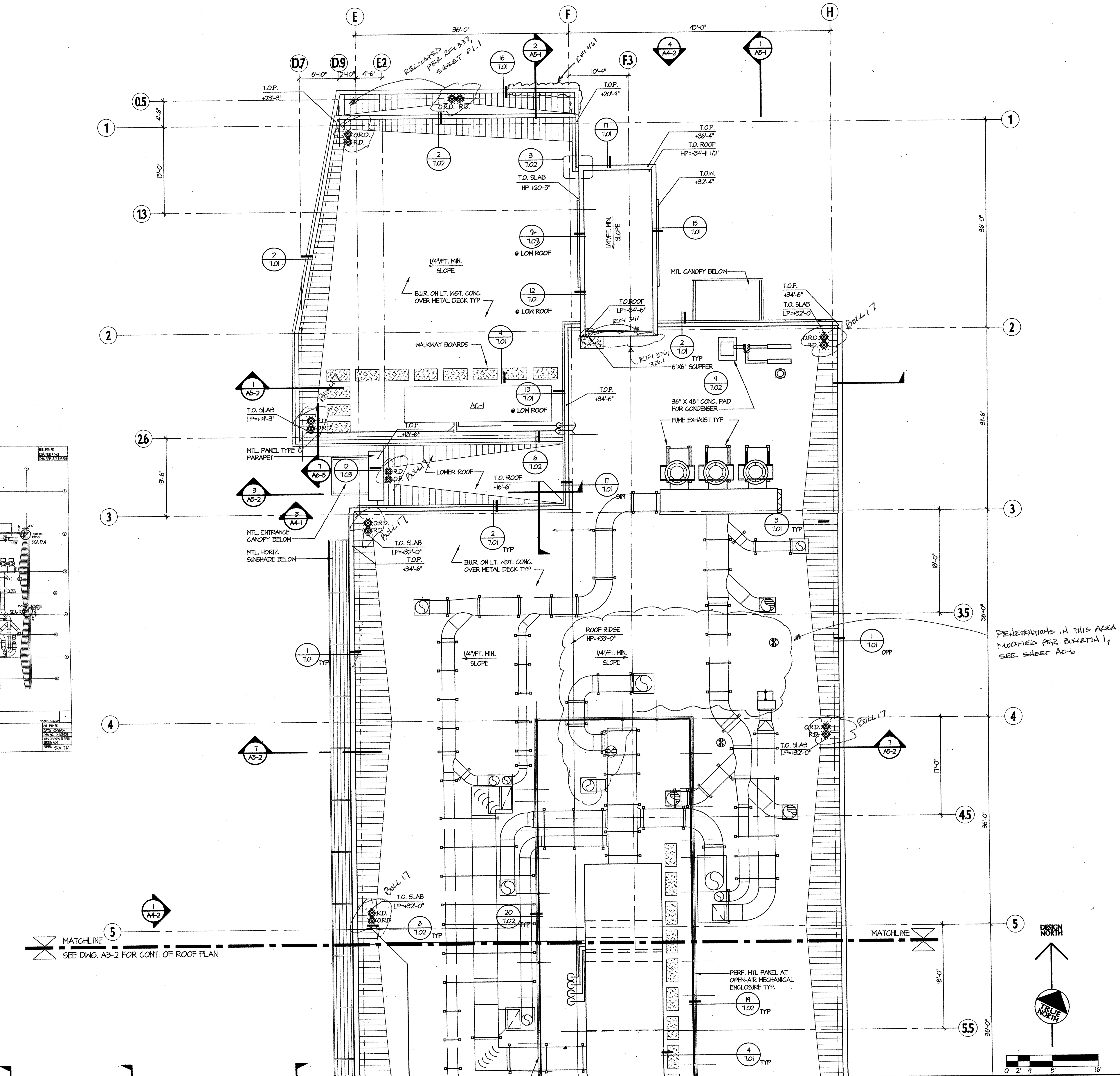
1/11/07

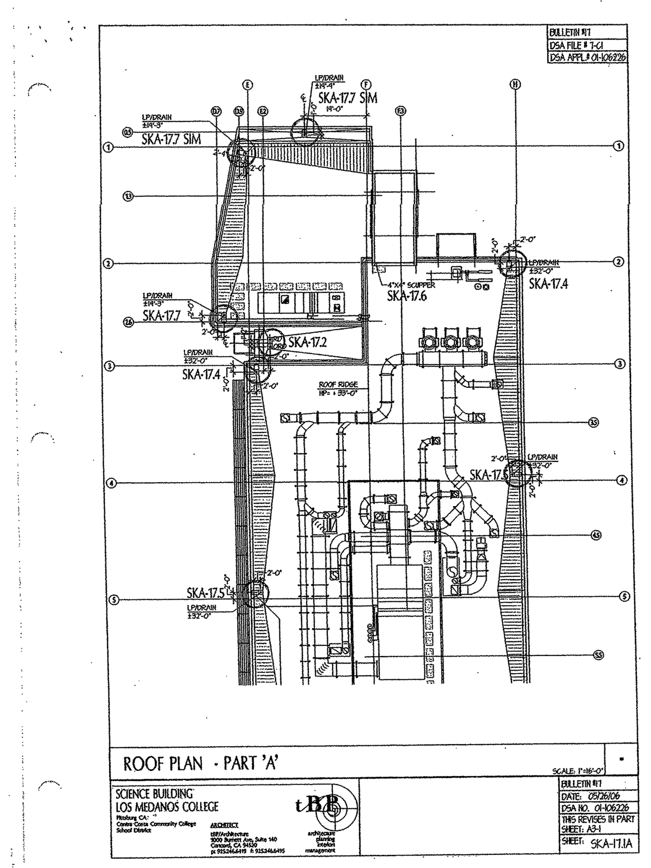
CC: PACIFIC ERECTORS

RFI # 000
Page 1









ROOF PLAN - LEGEND & NOTES

O.R.D. R.D. — ROOF AND OVERFLOW DRAIN, SEE DETAIL 8/7.02

SCUPPER 9/7.02

CRICKET 3/7.01

WALKWAY PAD: 2'-0" X 4'-0" X 3/4" THICK COMPRESSED ASPHALT/FIBERGLASS BOARD 12" SPACING BETWEEN TYP

X'-X" — ROOF ELEVATION

ABBREVIATIONS

B.U.R.	BUILT-UP ROOFING
O.D.	OVERFLOW DRAIN
R.D.	ROOF DRAIN
T.O.P.	TOP OF PARAPET
T.O.W.	TOP OF WALL

WALL TYPES

1-HR FIRE RATED ASSEMBLY

1-HR FIRE RATED ASSEMBLY (OCCUPANCY SEPARATION)

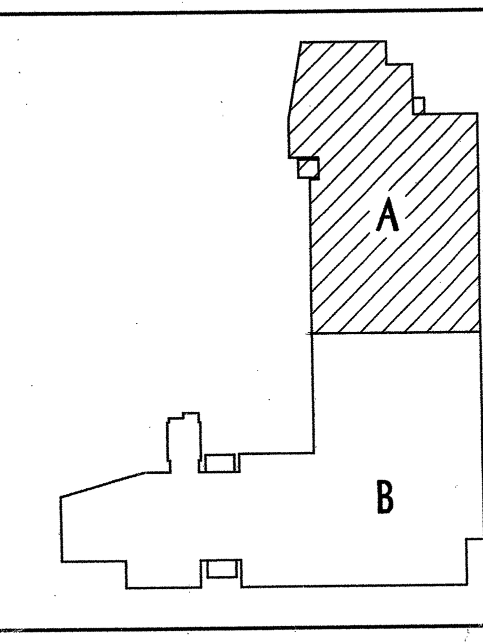
2-HR FIRE RATED ASSEMBLY (AT CHEMICAL WASTE STORAGE ONLY)

STUD PARTITION
REFER TO SHEET 4.02 FOR PARTITION TYPES

KEYNOTES

1. EXIT SIGNAGE, SEE 14/11.02
2. STAIR IDENTIFICATION SIGNAGE, SEE 17/11.01

KEY PLAN



tBP architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
FILE No. 7-C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number : 20247.00
file name: ROOF PLAN
drawn by: MY checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
ROOF PLAN PART "A"
LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:
A3-1

FAXED 05/01/06

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Subj.: Bulletin 20 waterproofing
Reference (dwg, spec.):
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
RFI No: **204**
Subcontractor RFI:

Reply Requested By: 5/2/06

INFORMATION REQUESTED: Date: 4/25/06

Specification section 09400 does not call out a TCA method. Plans show thinset tile at stairs with no waterproofing. Bulletin 20 calls for TCA F-122 which includes a waterproof membrane. Please confirm location of this membrane as being only in the thinset tile area of Bulletin 20.

SUGGESTED SOLUTION: Clarity in communication

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:
WATERPROOFING IS NOT REQUIRED AT BOTH THINSET & THICKSET TERRAZZO TILE FLOORING, WHERE EXISTED AT LOBBIES
Attachments: & STAIR #1.
By: Vanessa Ling / 5-01-06

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	4/4/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Subj.: Reglet/flashing on west wall of stair #1
Reference (dwg, spec.): A3-2
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
RFI No: **377**
Subcontractor RFI:

Reply Requested By: 10/11/06

INFORMATION REQUESTED: Date: 10/5/06 tBP received 10/12/06

We cannot locate a detail for wall flashing on the west side of the stair #1 wall where it ties into the small western stair #1 roof. There is metal panel and a window on this western wall of the stair #1. Perhaps a detail call out similar to 12/7.01 would be appropriate for the area below metal panel. However, special attention needs to be paid to the area directly below the window. Please provide details for this area.

?

RFI 377.1 sent

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:

No exception taken to use 12/7.01 similar, in the location noted above. The reglet under metal panel shall be continuous under the window sill of CW8a and CW8b. Contractor to provide shop drawing details with continuous reglet at the sill of CW8a and CW8b.

Also reference details 1/209 and 4/401 in Submittal #72.1 - Metal Panel.

Vanessa Ling/tBP - 10/17/06

cc: AIR SYSTEMS

RFI # 000
Page 1

RECEIVED
OCT 18 2006
TBP/CONCORD

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Subj.: Reglet/flashing on west wall of stair #1
Reference (dwg, spec.): A3-2
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
RFI No: **377.1**
Subcontractor RFI:

Reply Requested By: 10/11/06

INFORMATION REQUESTED: Date: 10/9/06

Text from original RFI 377:
We cannot locate a detail for wall flashing on the west side of the stair #1 wall where it ties into the small western stair #1 roof. There is metal panel and a window on this western wall of the stair #1. Perhaps a detail call out similar to 12/7.01 would be appropriate for the area below metal panel. However, special attention needs to be paid to the area directly below the window. Please provide details for this area.

New text to RFI 377.1:
The response to RFI 376 stated "No Exceptions Taken," however RFI 377 was not a submittal for review, it was a question regarding a lack of detail on the drawings. Furthermore, in the RFI, we requested details for the area and the written response includes "Contractor to provide shop drawing details…" On what architect-provided details are we to base our shop drawings on? Please provide direction on how we are to proceed with this work.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:

WE HAVE REQUESTED THAT DETAIL 12/7.01 BE USED AS THE BASIS AT YOUR SUGGESTION. WE ALSO DISCUSSED VERBALLY @ PROJECT SITE MTG AND FELIPE ADVISED HE HAD DISCUSSED WITH SUBS TO DETERMINE BEST APPROACH TO RESOLVE WATERPROOFING CONCERNS. THIS RFI (CONFIRMING WAS PROPOSED) WAS TO ~~BE~~ IDENTIFY THAT BEST APPROACH. WHAT'S CHANGED??

T. Beckett 10-19-06

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Subj.: Flashing along west wall of stair #1
Reference (dwg, spec.): 12/7.01, A3-2, 14/8.05
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
RFI No: **423**
Subcontractor RFI:

Reply Requested By: 11/6/06

INFORMATION REQUESTED: Date: 11/2/06

The western elevation of stair no. 1 has two windows in a metal panel section of wall just above built-up roofing (reference wall along B.8 line).

In a previous RFI, the architect approved use of detail 12/7.01 for those areas on this wall directly below metal panel.

Reference detail 14/8.05 to see the window trim to be installed at the sills of the windows, with the 4" vertical leg. It appears that the reglet from the approved 12/7.01 would need to "turn down" at the window locations to be below the window trim per 14/8.05. Therefore, approximately 10" of vertical clearance is needed below the windows for the reglet to be installed flat against the wall, which is the proper application of this item.

However, the elevation of the built-up roof immediately outside of these windows only allows for 10" of vertical clearance at the roof LP, which is south of both windows. See attached sketch.

Please advise on how this is to be resolved.

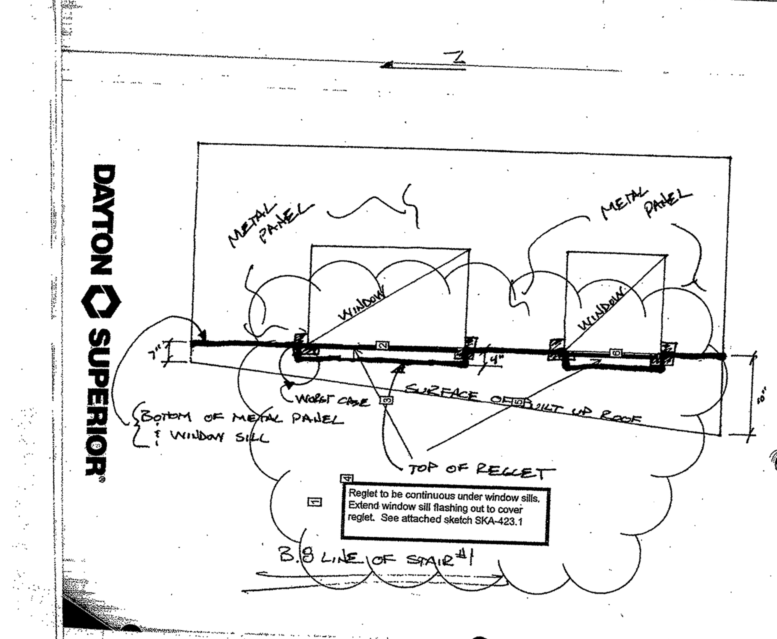
SUGGESTED SOLUTION:

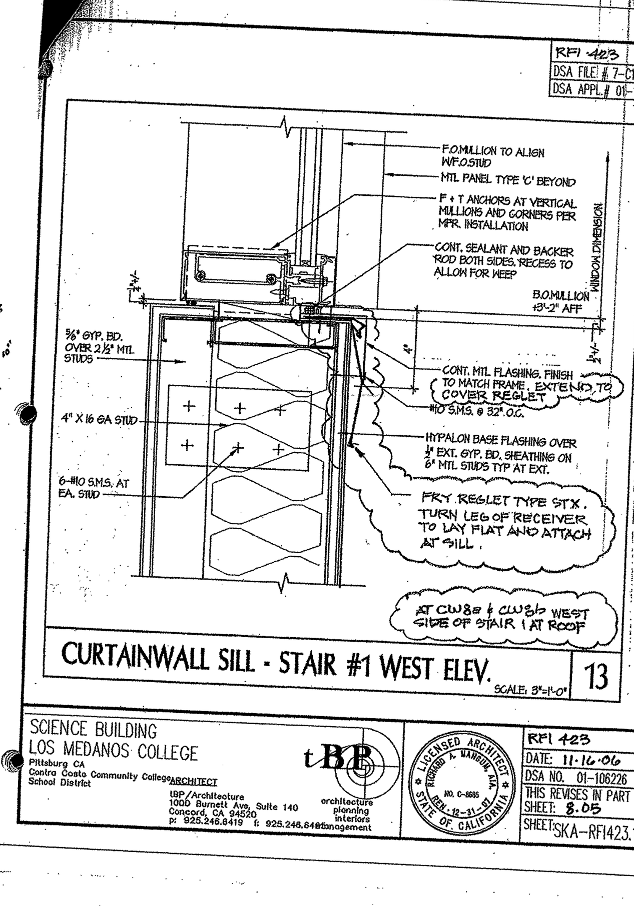
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

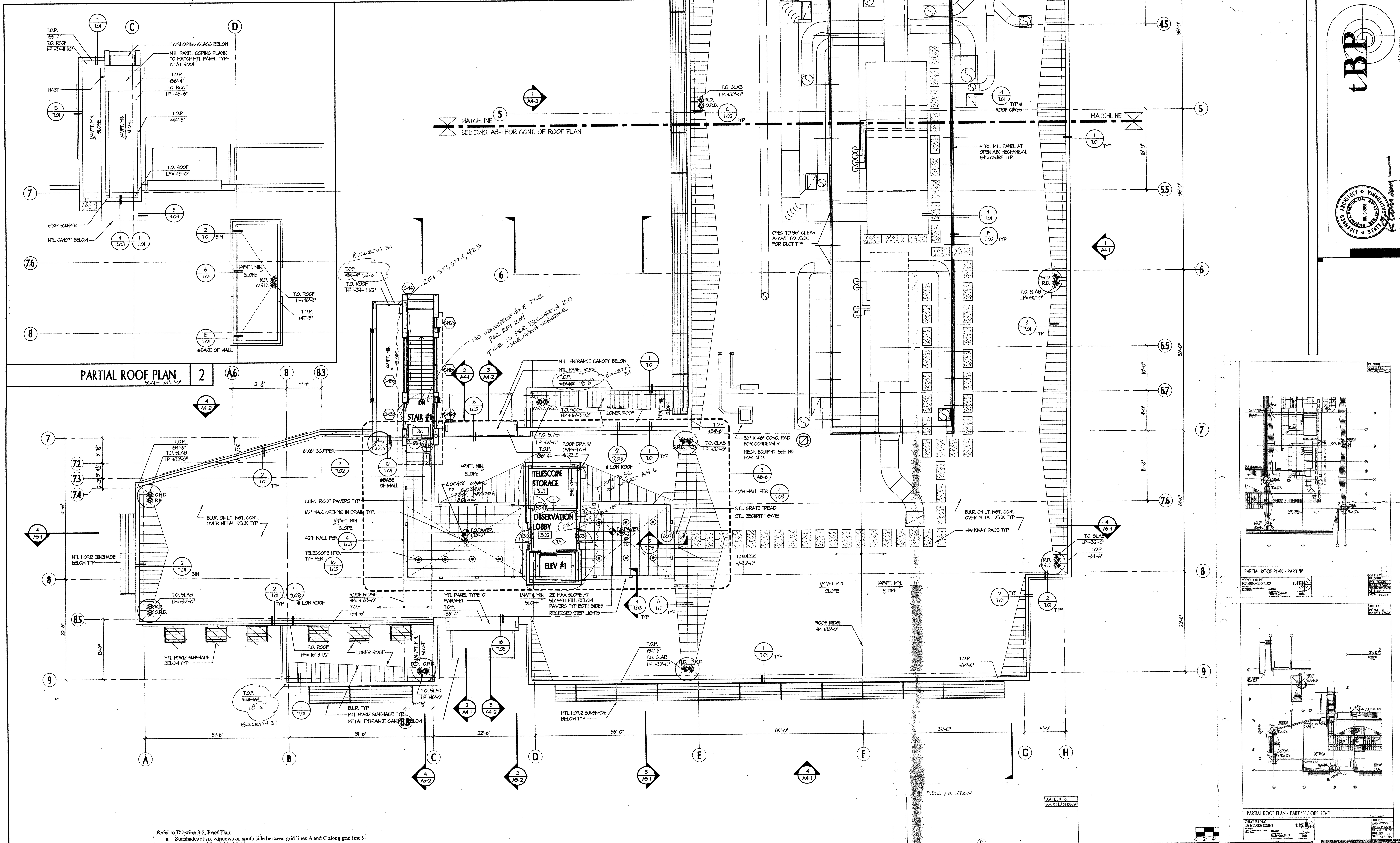
RESPONSE: DATE:

See Attached Response

RFI # 000
Page 1







Refer to Drawing 3-2, Roof Plan:

a. Sunshades at six windows on south side between grid lines A and C along grid line 9 are deleted. ADDENDUM No. 1

ROOF PLAN · LEGEND & NOTES

O.R.D. R.D. — ROOF AND OVERFLOW DRAIN, SEE DETAIL 8/7.02

SCUPPER 9/7.02

CRICKET 3/7.01

WALKWAY PAD: 2'-0" X 4'-0" X 3/4" THICK COMPRESSED ASPHALT/FIBERGLASS BOARD 12" SPACING BETWEEN TYP

X'-X" — ROOF ELEVATION

ABBREVIATIONS

B.U.R.	BUILT-UP ROOFING
O.D.	OVERFLOW DRAIN
R.D.	ROOF DRAIN
T.O.P.	TOP OF PARAPET
T.O.W.	TOP OF WALL

WALL TYPES

1-HR FIRE RATED ASSEMBLY

1-HR FIRE RATED ASSEMBLY (OCCUPANCY SEPARATION)

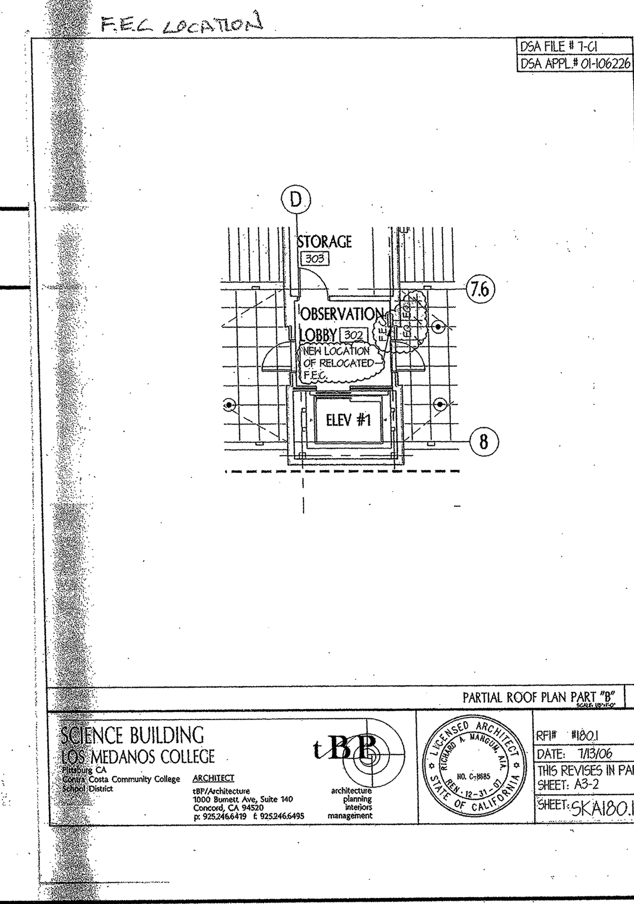
2-HR FIRE RATED ASSEMBLY (AT CHEMICAL WASTE STORAGE ONLY)

STUD PARTITION
REFER TO SHEET 4.02 FOR PARTITION TYPES

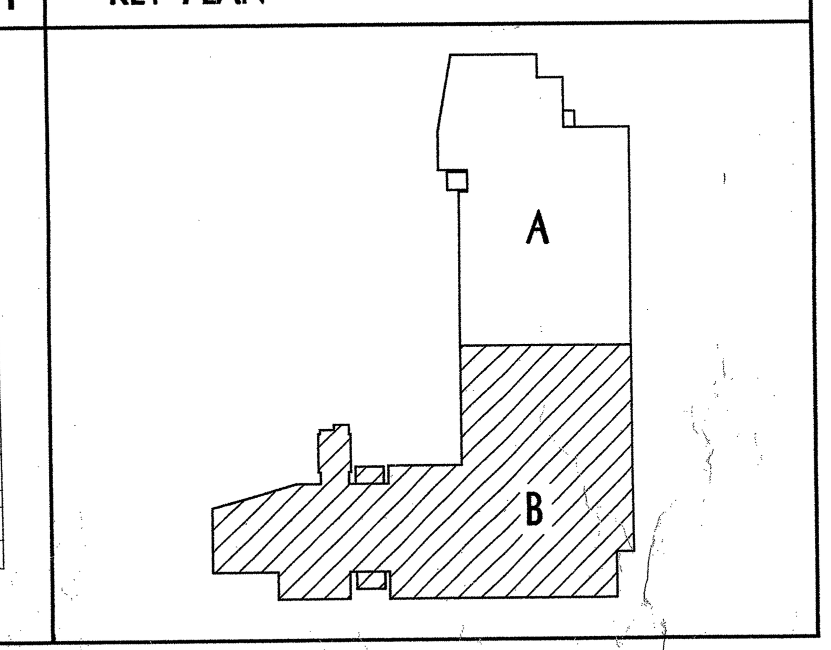
FOR EXTERIOR 1-HR 2

KEYNOTES

1. EXIT SIGNAGE, SEE 15/11.02
2. STAIR IDENTIFICATION SIGNAGE, SEE 17/11.01



1 KEY PLAN



tBP architecture planning interiors management

LICENSED ARCHITECT · RICHARD A. MANGUM, A.I.A. · NO. C-8685 · REN. 12-31-05 · STATE OF CALIFORNIA

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

Regional Office
1515 Clay St, Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

Contra Costa Community College District

drawing title:
ROOF PLAN
PART "B"

LMC SCIENCE 313-023-T12.01-0-00.00
drawing no:
A3-2

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Acid waste & spandrel glass at 3-line

RFI No: 236
Subcontractor RFI: Dowdle 48

Reference (dwg, spec.) : A4.1

Reply Requested By: 6/7/06

INFORMATION REQUESTED: **Date:** 5/31/06

Per attached Dowdle RFI 48, a 3" acid waste vent is shown south of 3-line @ the exterior wall of the building. It appears on A4.1 that the spandrel glass is in place to hide the acid waste vent at the south of 3-line location. DSM recommends moving the acid waste vent and spandrel glass north of 3-line to avoid 12'-0" soffit and W36 on 3-line. Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:** 07/27/06

Per phone conversation between Mark and Vanessa, the acid waste vent has been installed North of grid line 3 behind exterior wall, inside the wall pocket at the contractor expense.

See attached drawing, SKA 236.1 for the revision of vision glass to spandrel glass

CPE No. 71 is rejected. Please re-submit CPE for the revision of the spandrel glass only.

Attachments:

By: Jeff Mills

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	5/26/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

Dowdle & Sons Mechanical, Inc.
P.O. Box 3316
Napa, CA 94558
Ph : (707)224-6968

RFI

To: Justin Warren
SJ Amoroso
390 Bridge Parkway
Redwood Shores, CA 94065
Ph: 650-654-1900 Fax: 650-654-9002

RFI #: 48
Date: 5/30/2006
Job: 437 Los Medanos College
Phone: 925-427-7567

CC:

Subject: 3" Acid Waste Vent

Drawing: A4.1 **Spec Section:**
Cost Impact: **Schedule Impact:**

Request: **Date Required:** 6/6/2006

3" Acid Waste Vent is shown South of 3-Line @ Exterior of Building. It appears on A4.1 that Spandrel Glass is in place to hid the Acid Waste Vent at South of 3 Line location. DSM recommends moving Acid Waste Vent and Spandrel Glass North of 3-Line to avoid 12'-0" Soffit and W 36 on 3 Line . Please Advise.

Requested by: Staci Freeman
Dowdle & Sons Mechanical, Inc

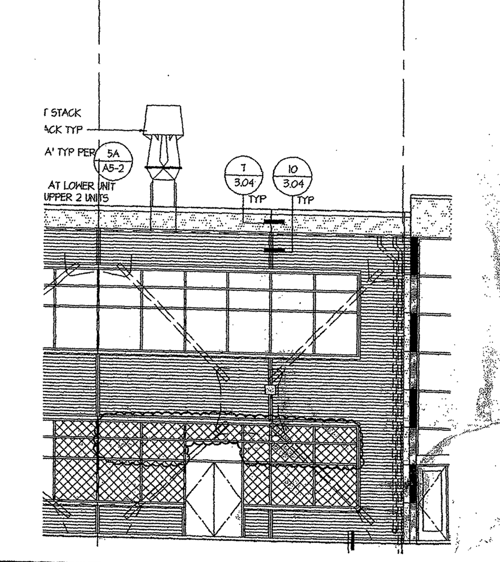
Response:

Answered By

Company Date

Page 1 of 1

DSA FILE # 7-C1
DSA APPL.# 01-106226



PARTIAL EAST ELEVATION 1

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District

ARCHITECT
tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

tBP architecture planning interiors management

LICENSED ARCHITECT RICHARD A. MANGUM, AIA. NO. C-8885 REN. 12-31-07 STATE OF CALIFORNIA

RFI# 236
DATE: 7/21/06
THIS REVISES IN PART SHEET: A4-1
SHEET: SKA-236.1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

#10K

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Sheet metal saddles

RFI No: 400
Subcontractor RFI:

Reference (dwg, spec.): none

Reply Requested By: 10/30/06

INFORMATION REQUESTED: **Date:** 10/23/06

As discussed at the Project Meeting, no saddles are shown on the contract documents at locations where they would be advisable to install. These locations include top of parapet walls as they return into main building walls, top of plaster "pop outs" as they return to main building walls, at outside corners of plaster "pop outs," at locations where exterior walls meet at inside corners, and others. There are approximately 50 locations that we are aware of. See attached sketches. Please confirm.

SUGGESTED SOLUTION:

Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:**

WE TAKE NO EXCEPTION TO ADDITIONAL GALV SHEET METAL "SADDLES" AND FLASHINGS AS DETAILED ON ATTACHED SKETCHES.
WE DO TAKE EXCEPTION TO SUGGESTED GSM @ WINDOW SILLS @ CONCRETE CURB. USE "PUTTY" TYPE SEALANT @ THIS LOCATION — AFTER GRINDING & SMOOTHING/SKIM COATING TOP OF CURB AS REQUIRED TO ASSURE WATERPROOF SEAL.
CONTRACTOR TO PROVIDE CPE FOR APPROVED GSM ON ATTACHED SKETCHES ASAP —

10/25/06

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Modification to C5 fixtures on building east elevation

RFI No: 407
Subcontractor RFI:

Reference (dwg, spec.): E1.1, E1.2

Reply Requested By: 10/30/06

INFORMATION REQUESTED: **Date:** 10/25/06

Due to concerns with waterproofing, we understand that the architect is considering elimination of the wall-mounted C5 fixtures on the east elevation of the building and replacing with pole-mounted fixtures, fed by Site electrical. EW Scott has suggested that this be run by the electrical engineer for review, as this may result in FEWER fixtures being needed in order to provide the same quality of lighting. Obviously, fewer fixtures would reduce cost. Please review and provide direction on the following:

1. Quantity and location (spacing) of pole-mounted fixtures
2. Circuit Number

Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:**

See future Bulletin #3 in Site Improvements project for lighting noted in this RFI.

Vanessa Ling/tBP - 11/07/06

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Louver for elevator shaft

RFI No: 401
Subcontractor RFI:

Reference (dwg, spec.): A4-1

Reply Requested By: 10/30/06

INFORMATION REQUESTED: **Date:** 10/23/06

As discussed, elevation 1/A4-1 depicts a louver on the east side of the elevator shaft. However, in this location, the louver is in conflict with the elevator tube steel that is to be wrapped with sheetrock to maintain fire rating. A suitable location for the louver may be the south wall. Please confirm.

SUGGESTED SOLUTION:

Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:**

Louver on the east side of elevator shaft to relocate to south side of elevator shaft. Center the new louver location to exterior wall finish, bottom of louver to be remained the same.

Vanessa Ling/tBP - 10/23/06

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Louver above door 106

RFI No: 311
Subcontractor RFI:

Reference (dwg, spec.): A4-1

Reply Requested By: 8/9/06

INFORMATION REQUESTED: **Date:** 8/2/06

ON 1/A4-1, a louver is shown above the door 106 on the exterior wall. We understand that code dictates that this louver be within 1'-0" of the deck above. However, immediately inside the exterior wall in which the louver is mounted there is a structural wide flange beam that is inhibiting air flow from the room to the louver. Perhaps the louver could be installed lower than the bottom flange of the beam and ducting run from the louver, past the beam and then up towards the metal decking on the room side of the beam. Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Bryan Newman

RESPONSE: **DATE:**

AAME recommends for the Louver to be lowered as stated by the Contractor. Recommend for the louver to be lowered so that the top of the louver is just under the structural beam. Provide duct (full size of louver) from louver to under beam, then turn up. Terminate duct within 12" of decking. Provide wire mesh (1/2"x1/2") at opening.

Dave Weston/AAME - 8/24/06

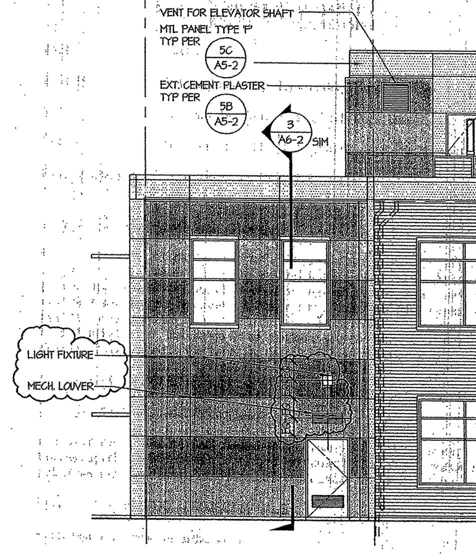
Please see the attached SKA311.1 for locations of mechanical louver and light fixture above Door #106. After confirmed with Mark Delgado, louver size is 36"W x 12" H with 1.31 sq. ft. free area per returned Submittal #106: Greenheck "ESU-150".

Vanessa Ling/tBP - 8/24/06

cc: MONTEREY
HENCEY
CONCORD
EW SCOTT

RFI # 000
Page 1

DSA FILE # 7-C1
DSA APPL.# 01-106226



PARTIAL EAST ELEVATION 1

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District

ARCHITECT
tBP/Architecture
1000 Burnett Ave, Suite 140
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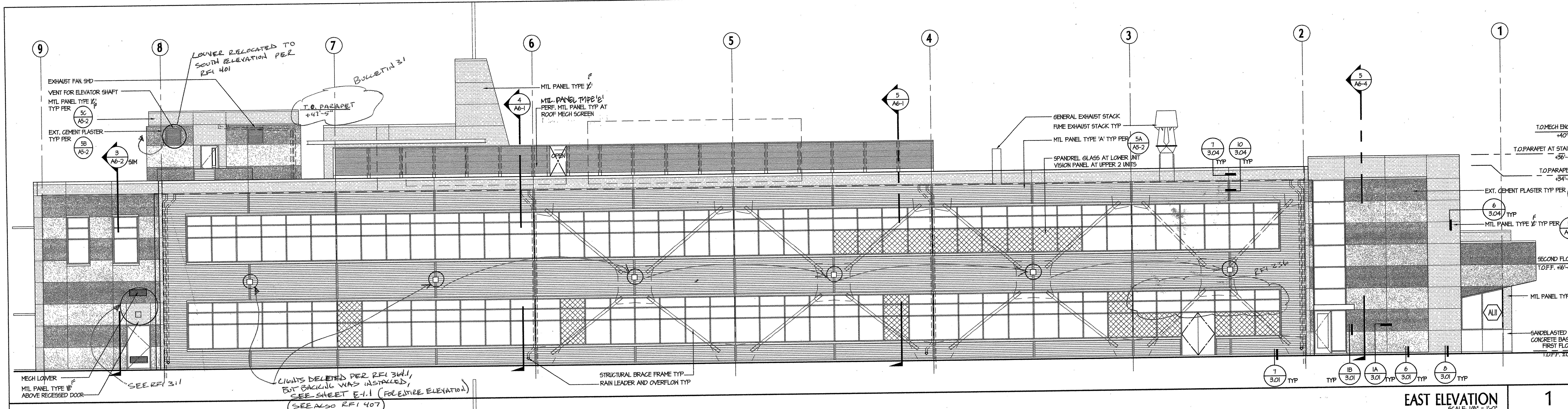
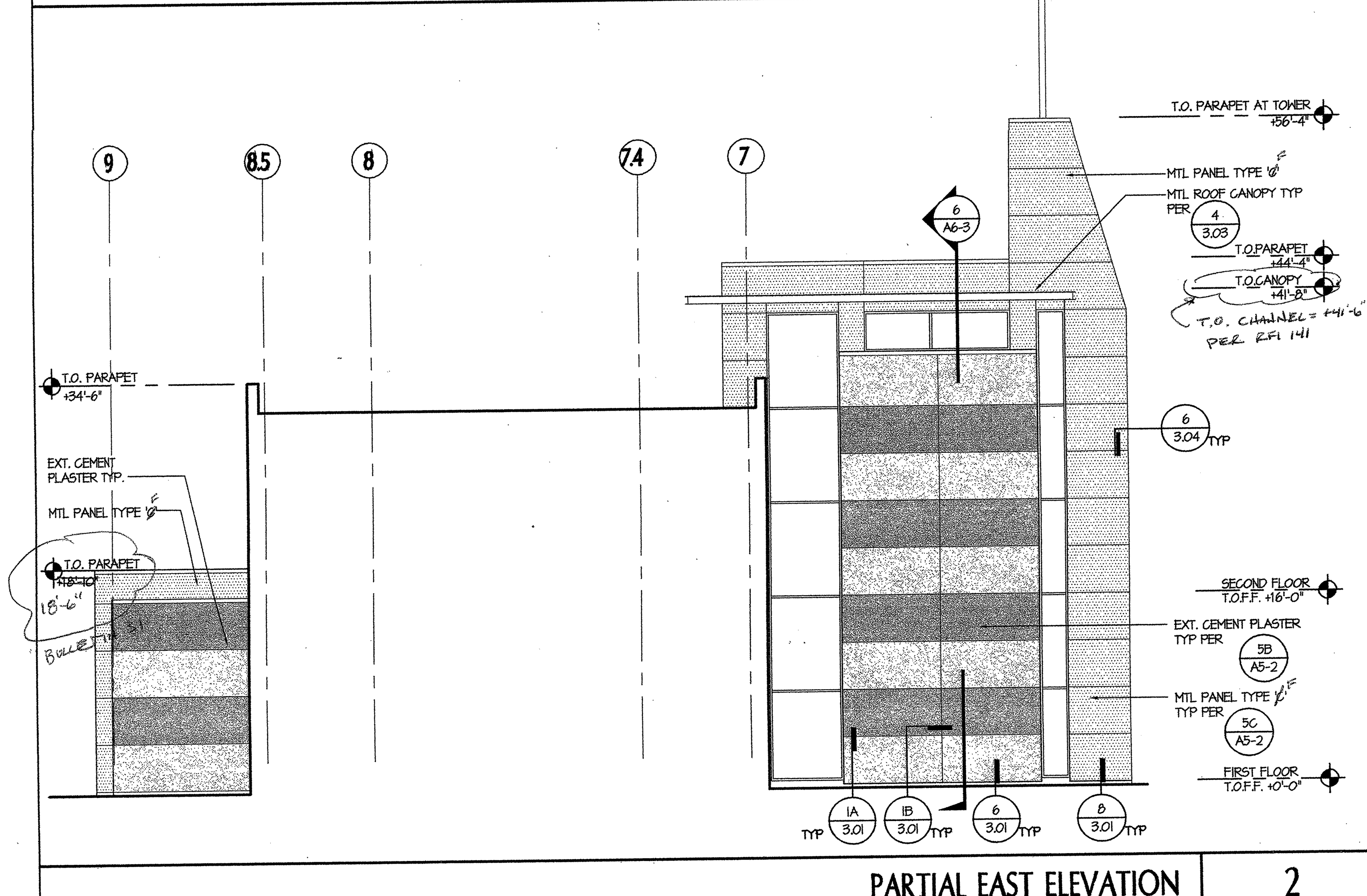
p: 925.246.6419 f: 925.246.6495

tBP architecture planning interiors management

LICENSED ARCHITECT RICHARD A. MANGUM, AIA. NO. C-8885 REN. 12-31-07 STATE OF CALIFORNIA

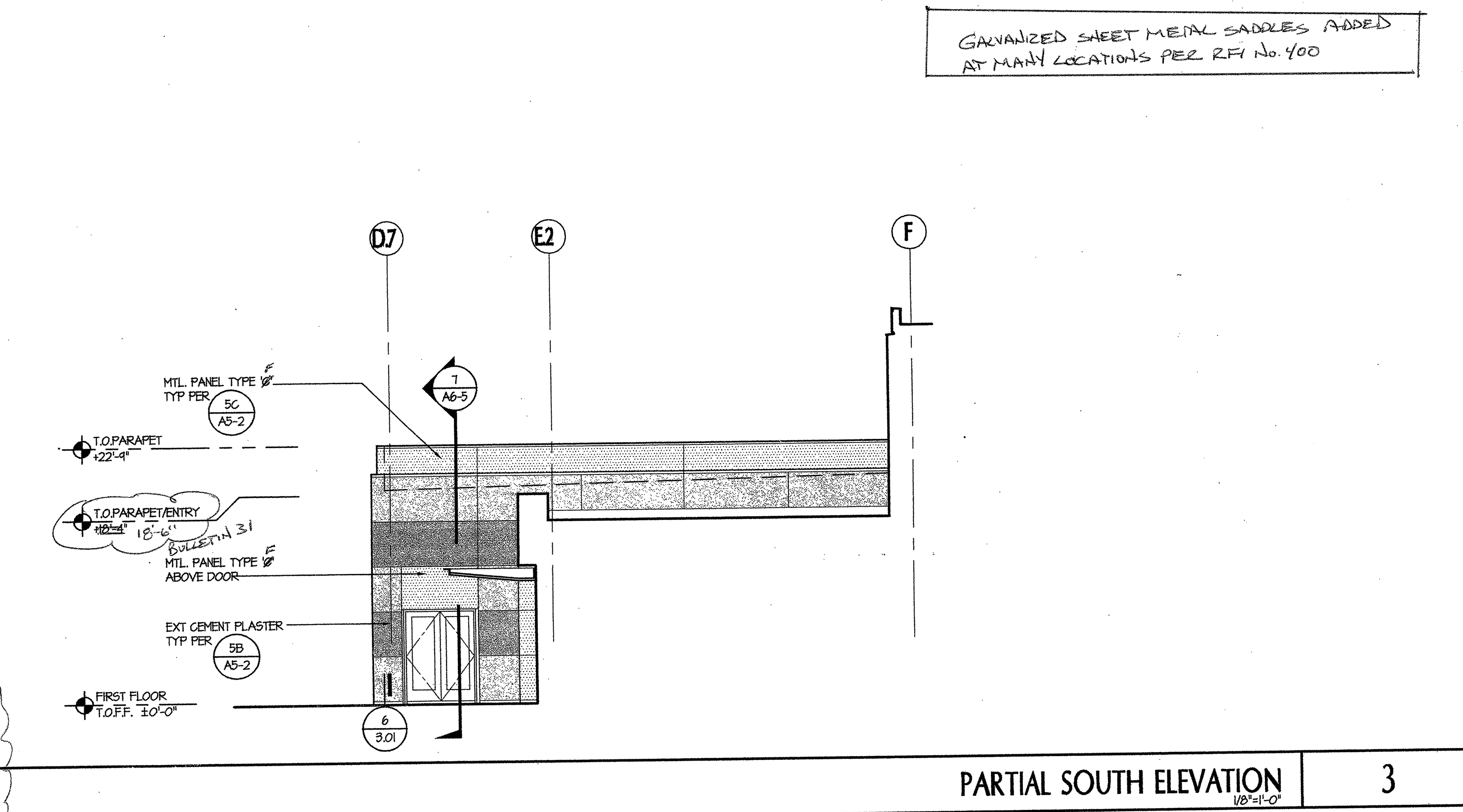
RFI# 311
DATE: 8/24/06
THIS REVISES IN PART SHEET: A4-1
SHEET: SKA311.1

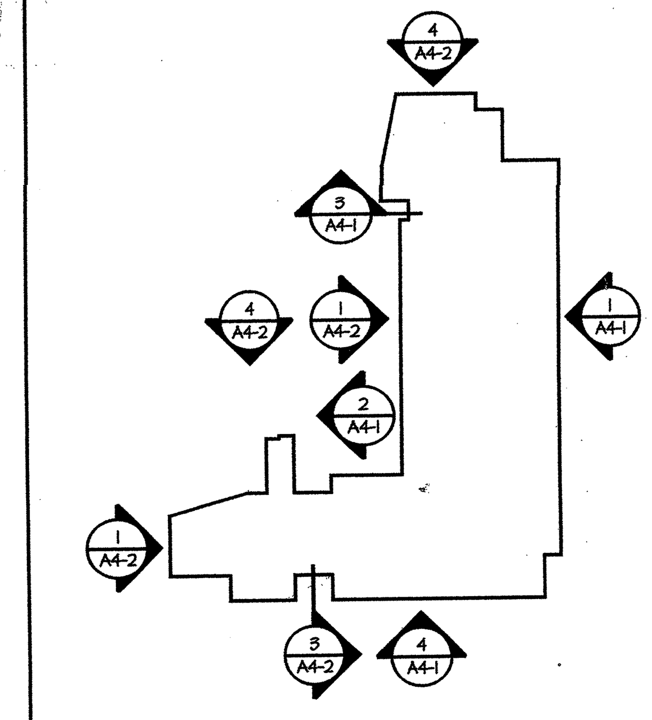




Refer to Drawings A4-1, A4-2, Elevations: Provide Metal panel Type F in lieu of Metal Panel Type C in all conditions where Type C is referenced. ADDENDUM No. 3

GALVANIZED SHEET METAL SADDLES ADDED AT MANY LOCATIONS PER RFI No. 400



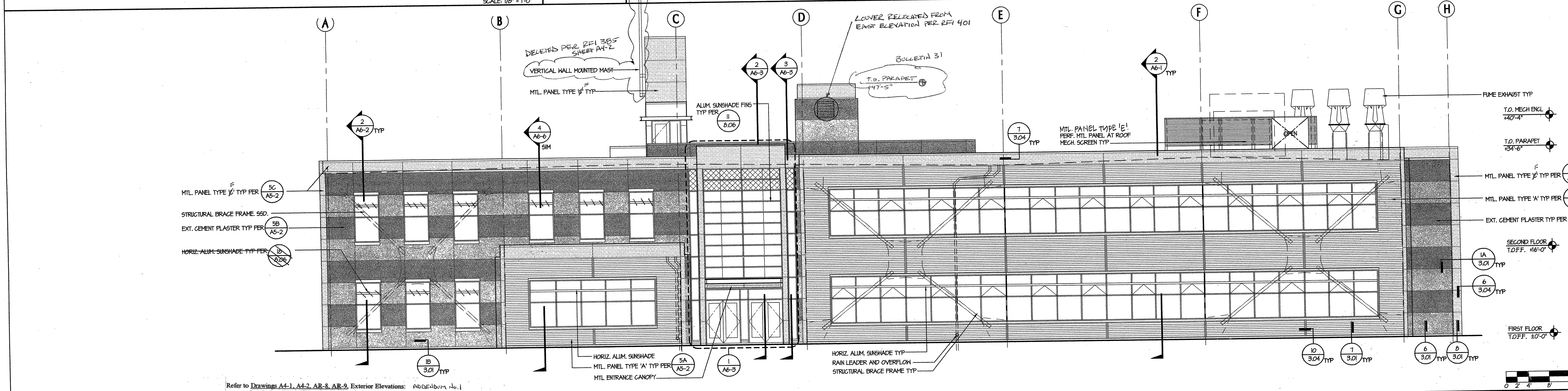


KEYPLAN

	SPANDREL GLASS, TYP.		CEMENT PLASTER COLOR #1
	METAL PANEL TYPE 'A'		CEMENT PLASTER COLOR #2
	METAL PANEL TYPE 'C'		OPERABLE WINDOW

REFER TO SHEETS 8.80 - 8.82 FOR WINDOW SCHEDULE

ELEVATION LEGEND



Refer to Drawings A4-1, A4-2, AR-8, AR-9, Exterior Elevations: ADDENDUM No. 1
a. Sunshades at nine (9) windows on south elevation between grid lines A and C shown on A4-1 are deleted.

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SCIENCE BUILDING LOS MEDANOS COLLEGE

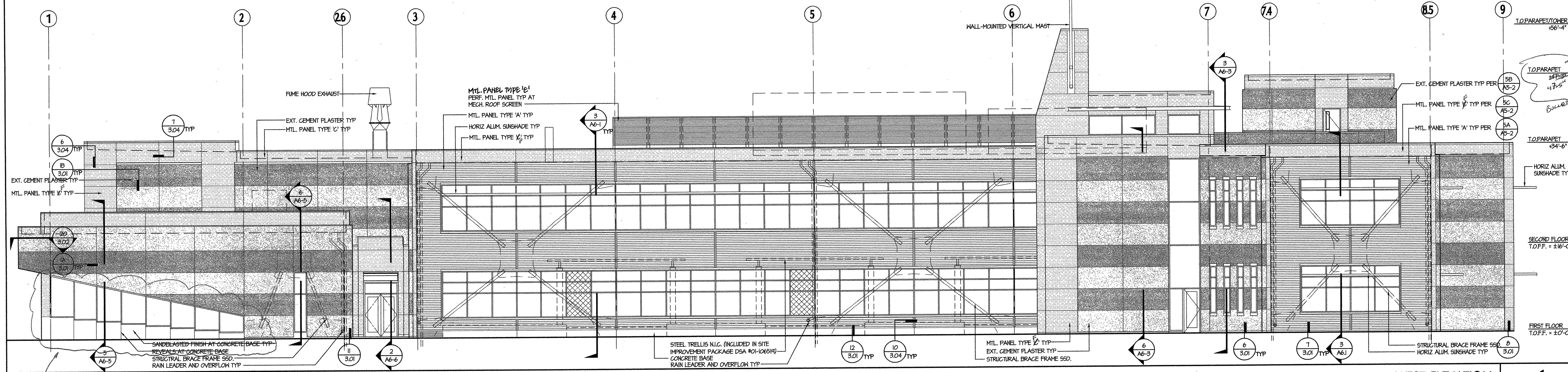
Contra Costa Community College District

tBP project number: 20247.00
file name: A-4.01extel.
drawn by: checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
EXTERIOR ELEVATIONS

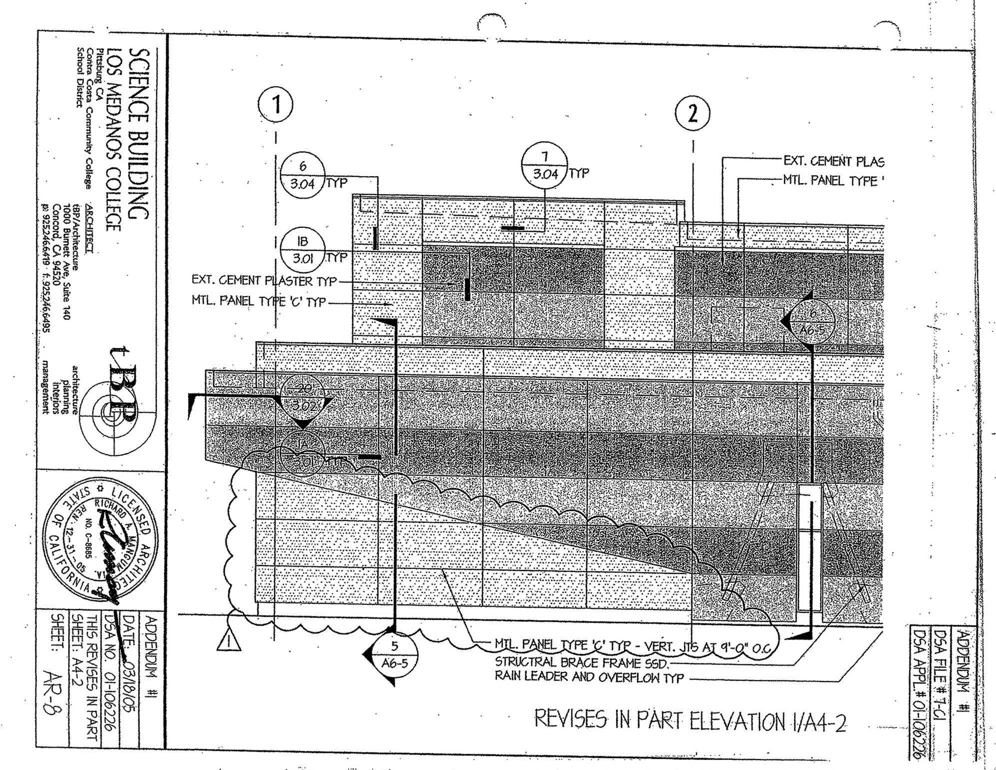
LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
A4-1



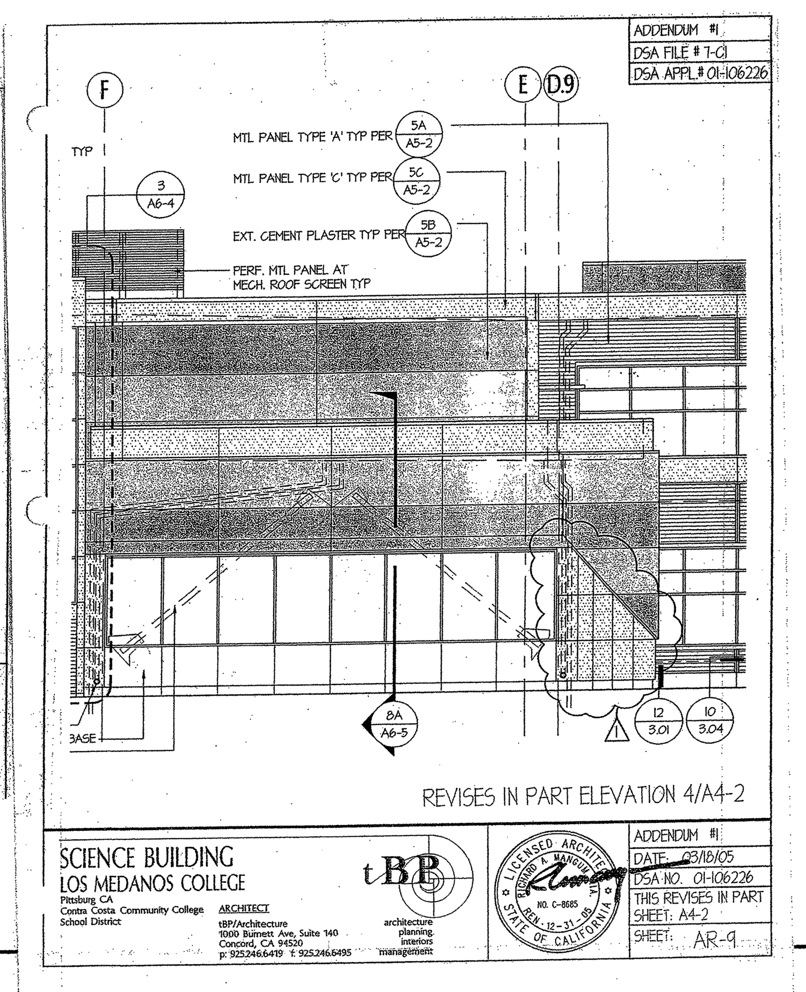
WEST ELEVATION 1
SCALE: 1/8" = 1'-0"

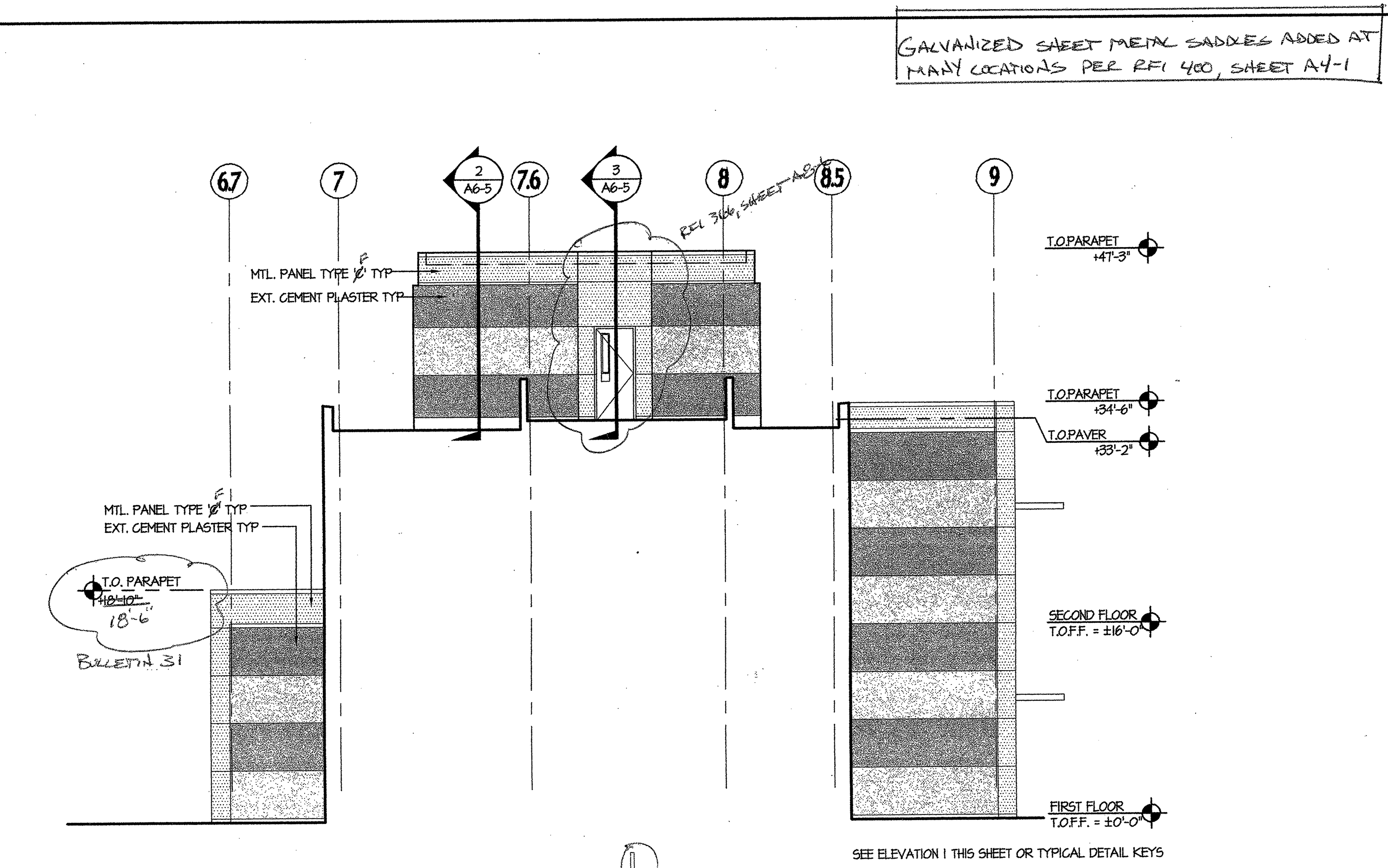
B. CHANGES TO THE DRAWINGS: ADDENDUM No. 3

B1. Refer to Drawings A4-1, A4-2, Elevations: Provide Metal panel Type F in lieu of Metal Panel Type C in all conditions where Type C is referenced.

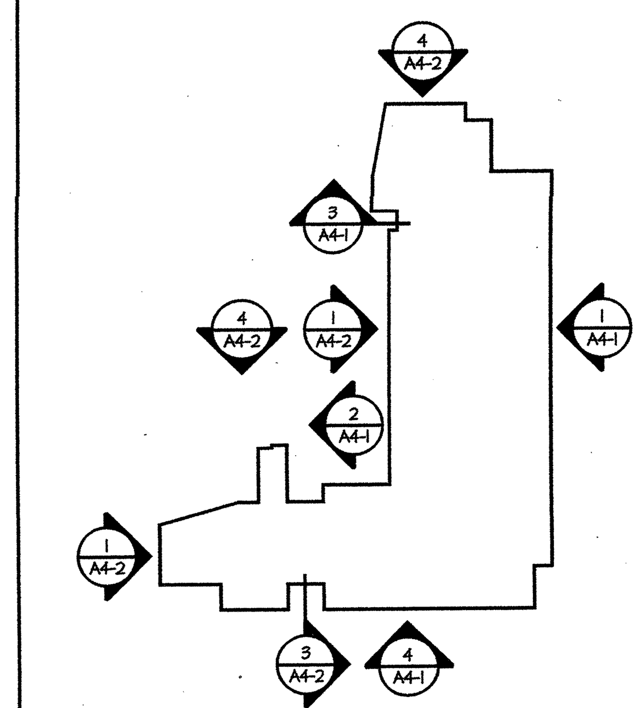


Window at Large Lecture Hall west elevation between grid lines 1 and 2 as shown in 1/A4-2 is deleted and elevation is revised as indicated on AR-8 and AR-9.





PARTIAL WEST ELEVATION 3
SCALE: 1/8" = 1'-0"

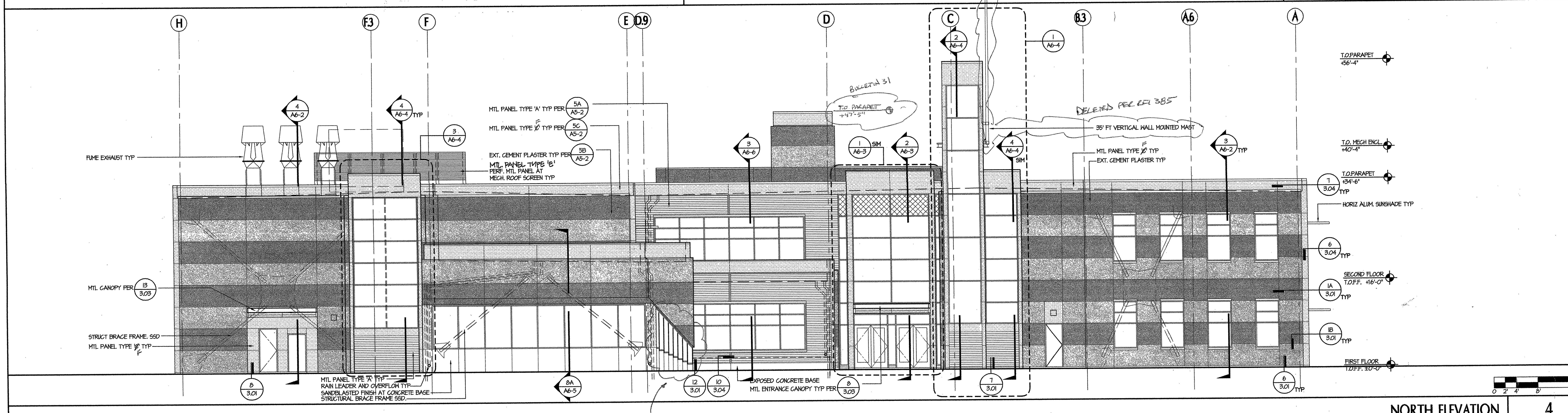


KEYPLAN

	SPANDREL GLASS, TYP.		CEMENT PLASTER COLOR #1
	METAL PANEL TYPE 'A'		CEMENT PLASTER COLOR #2
	METAL PANEL TYPE 'C'		OPERABLE WINDOW

REFER TO SHEETS 8.80 - 8.82 FOR WINDOW SCHEDULE

ELEVATION LEGEND



NORTH ELEVATION 4
SCALE: 1/8" = 1'-0"

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SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number: 20247.00
file name: A-4.02 extel.dwg
drawn by: checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
EXTERIOR ELEVATIONS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
A4-2

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Ceiling height in video set up lab, 1st floor between A-line and A.6-line
Reference (dwg, spec.) : ~~Submittal No: 85~~
A2-2, A5-1

RFI No: **207**
Subcontractor RFI:

Reply Requested By: 5/8/06

INFORMATION REQUESTED:

Date: 5/1/06

Per the reflected ceiling plan on sheet A2-2, the ceiling in the entire area of A-line to C-line appears to be at the typical 10'-0" except for the area over the computer dry lab from approximately B-line to B.8-line. However, Section cut 4/A5-1seems to show the ceiling at bottom of beam from A-line to A.6-line and at a uniform (10'-0") height from A.6-line to just past C-line. Please advise which is correct.

SUGGESTED SOLUTION:

Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: Lay-in ceiling height above area noted as "Computer Dry Lab" is at +12'-0" AFF. Note that this is acoustic plank ceiling type AC-2 per Spec Section 09510. **DATE:** 5.4.06

Attachments:

By: C. Chiang/tBP

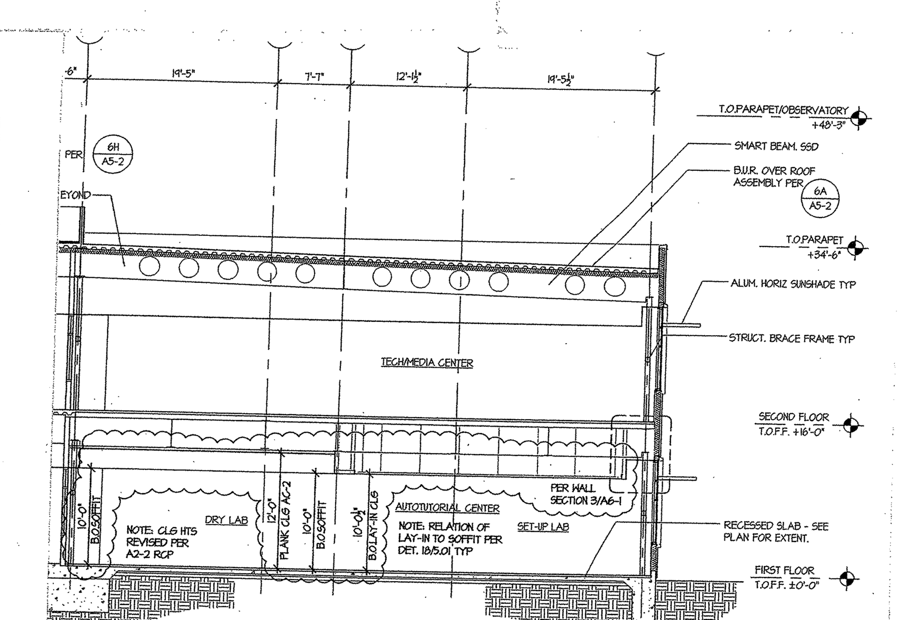
TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	4/4/06 5/1/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	5/4/06
S.J. AMOROSO	ORIGINATOR	

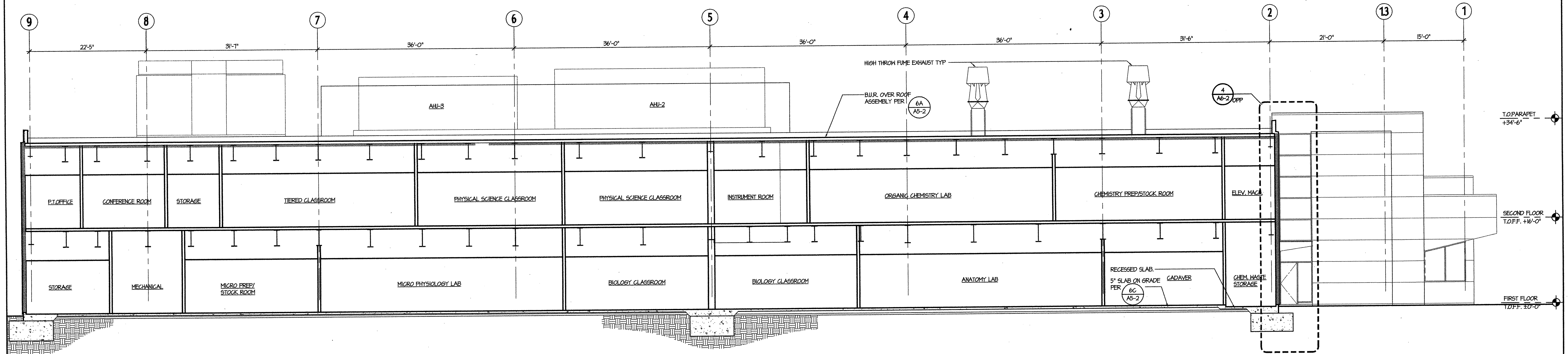
Revised response to RFI #207: See attached sketch for revised building section 4/A5-1, showing ceiling heights per A2-2 RCP. Note typical relationship of lay-in tile ceiling to gyp bd. soffit is per det. 18/5.01. C. Chiang/tBP 5.5.06

: RCM
CC: DOWDLE
MONTEREY

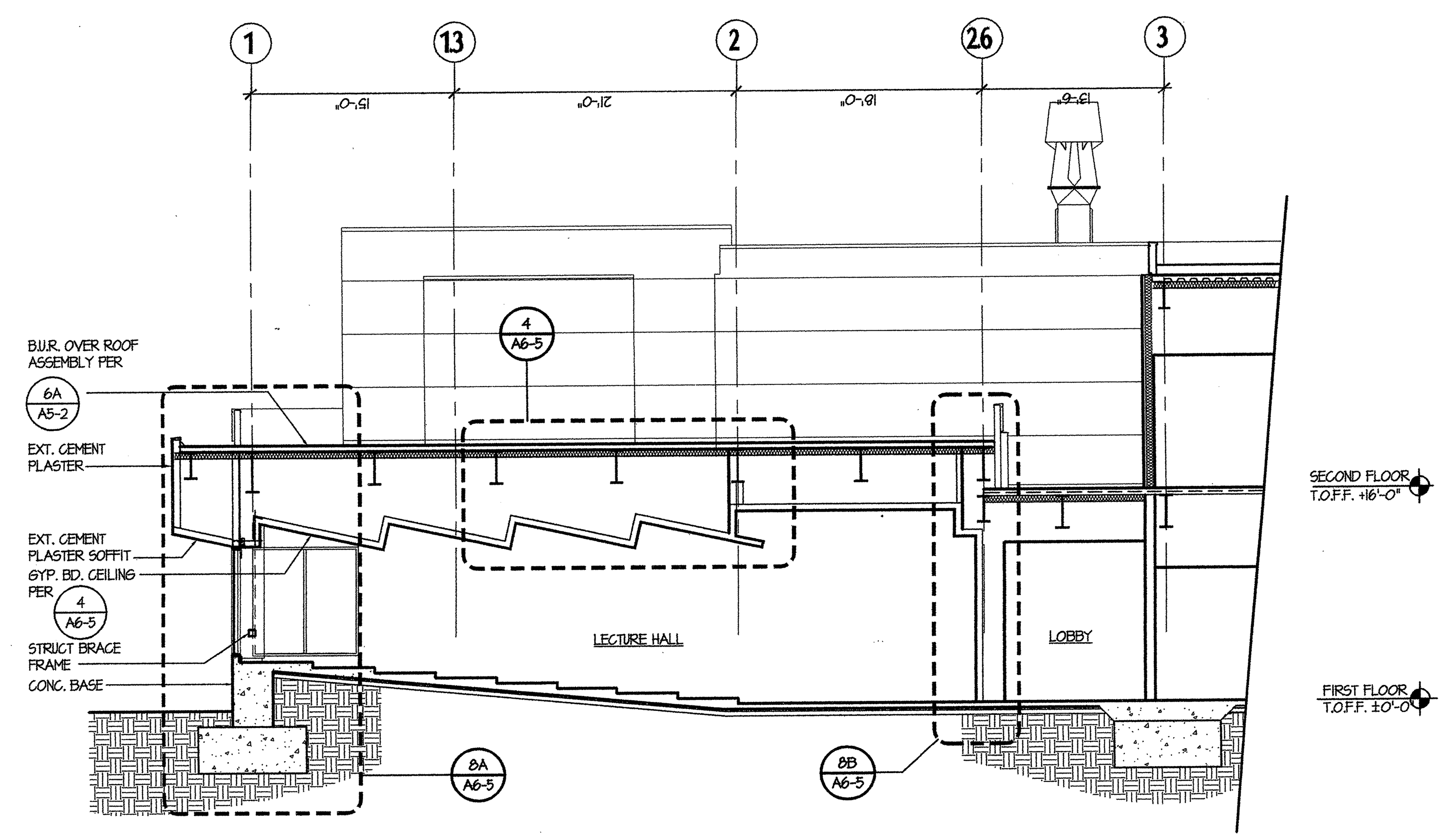
RFI # 000
Page 1



BUILDING SECTION 4/A5-1
REVISED PER RFI #207 5.05.06



BUILDING SECTION 1
SCALE: 1/8"=1'-0"



BUILDING SECTION 2
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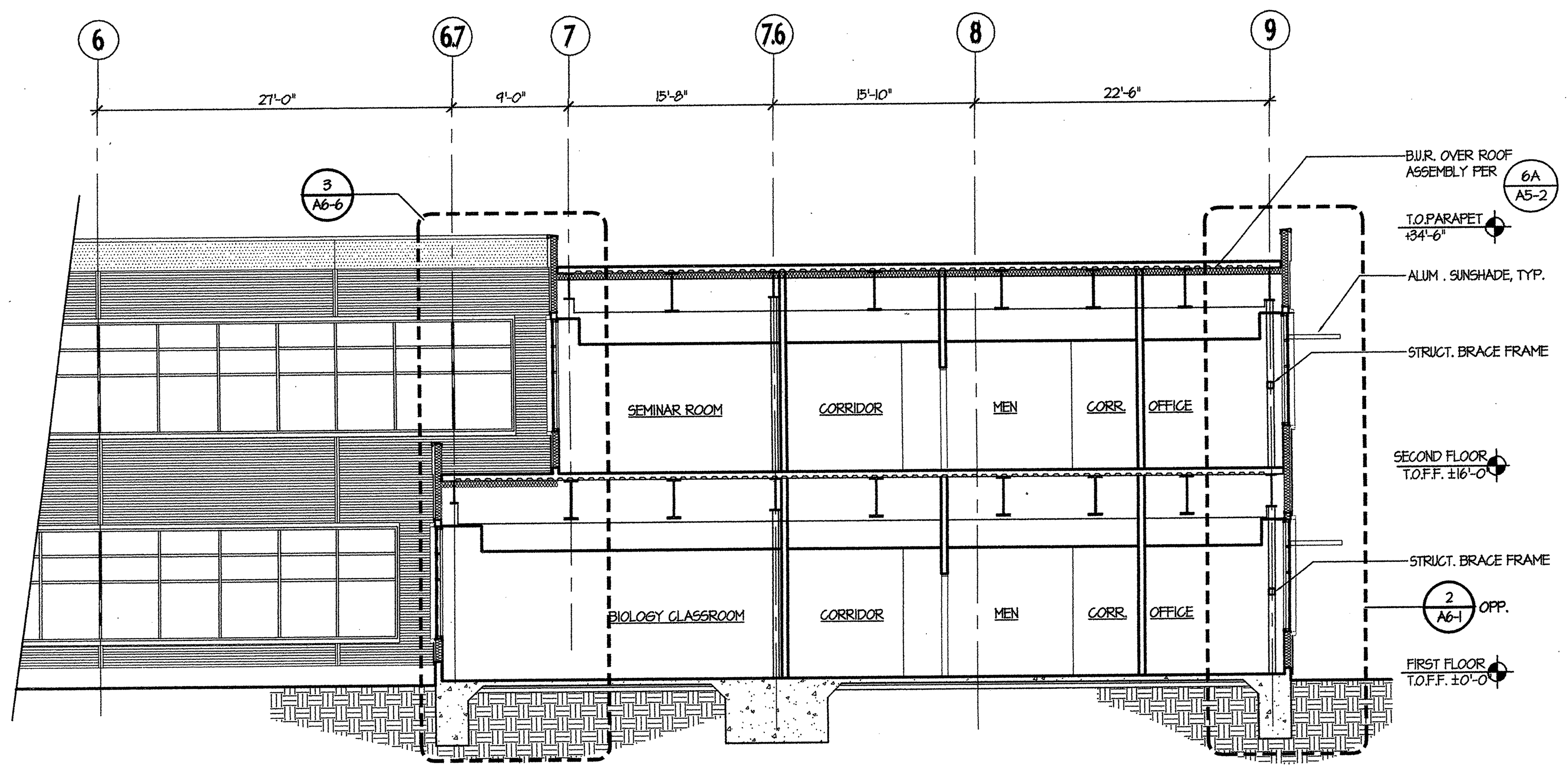
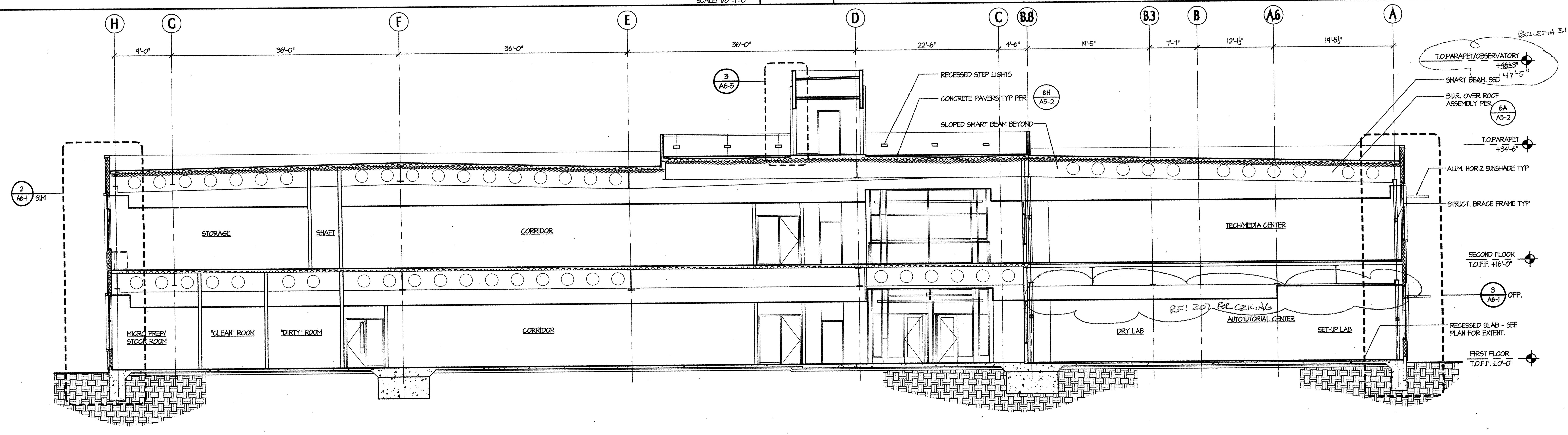


BUILDING SECTION 3
SCALE: 1/8"=1'-0"



BUILDING SECTION 4
SCALE: 1/8"=1'-0"

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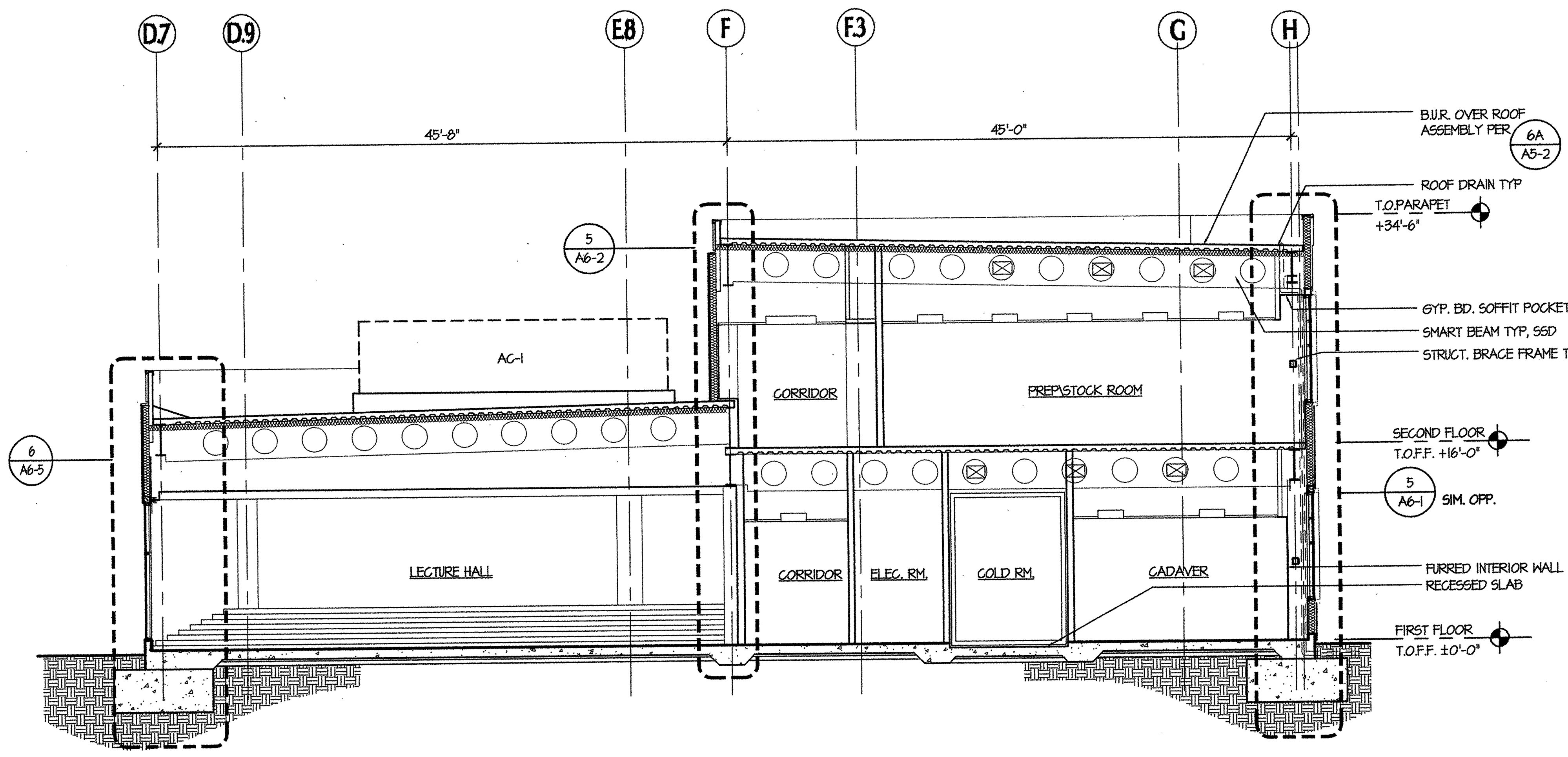
BUILDING SECTIONS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
A5-1



BUILDING SECTION 1
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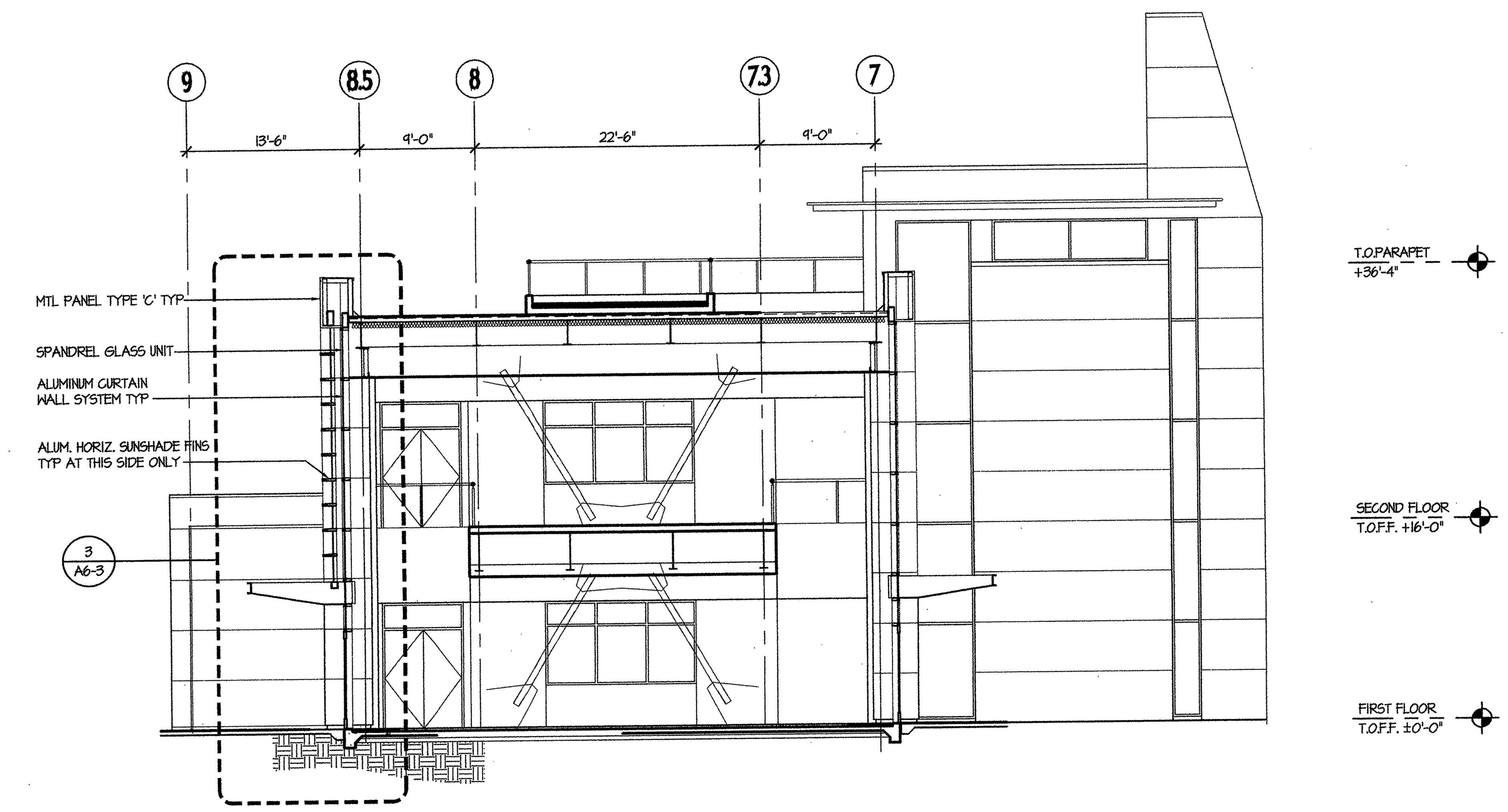
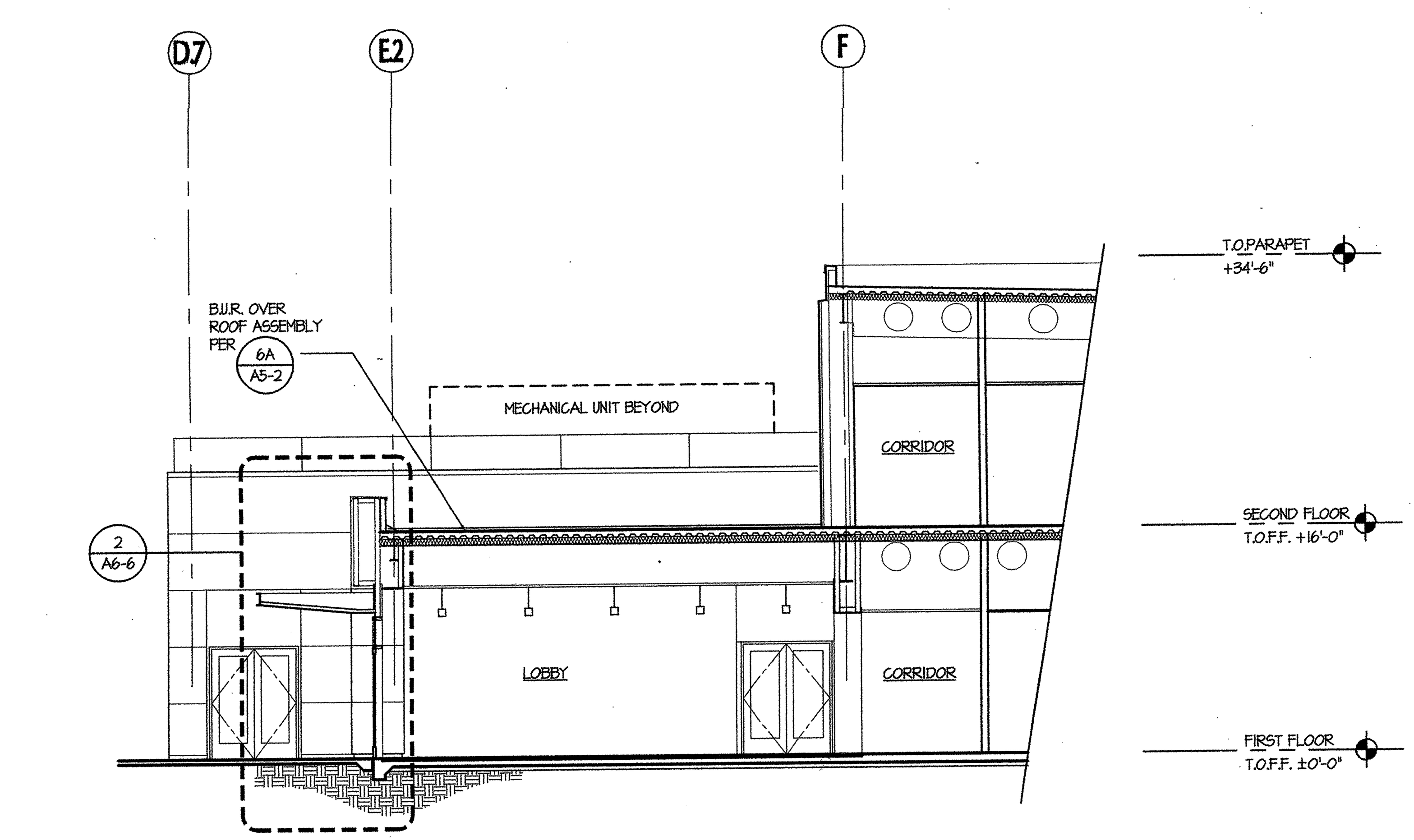


BUILDING SECTION 2
SCALE: 1/8"=1'-0"



BUILDING SECTION 3
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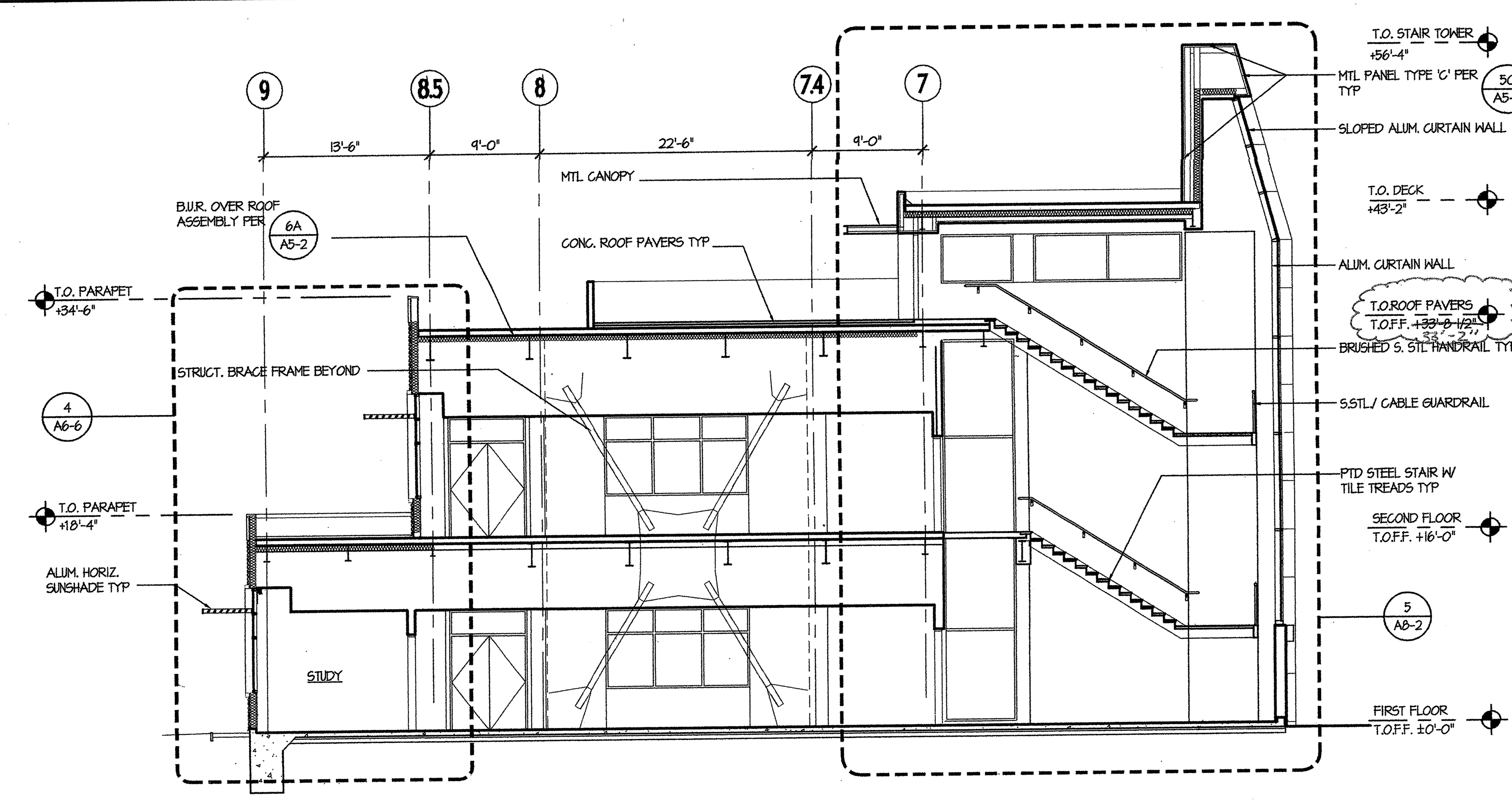
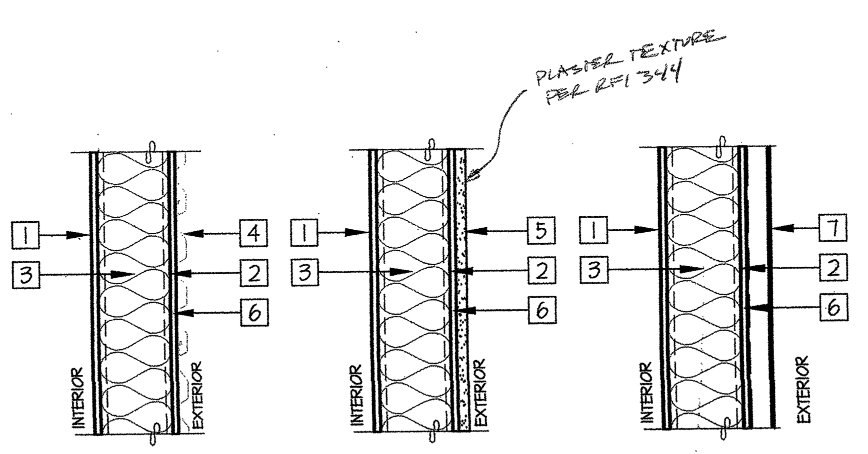


BUILDING SECTION 4
SCALE: 1/8"=1'-0"



A. AT MTL PANEL TYPE 'A'

NOTE: SEE --/3.04 FOR TYP. METAL PANEL "A" DET.

B. AT CEMENT PLASTER

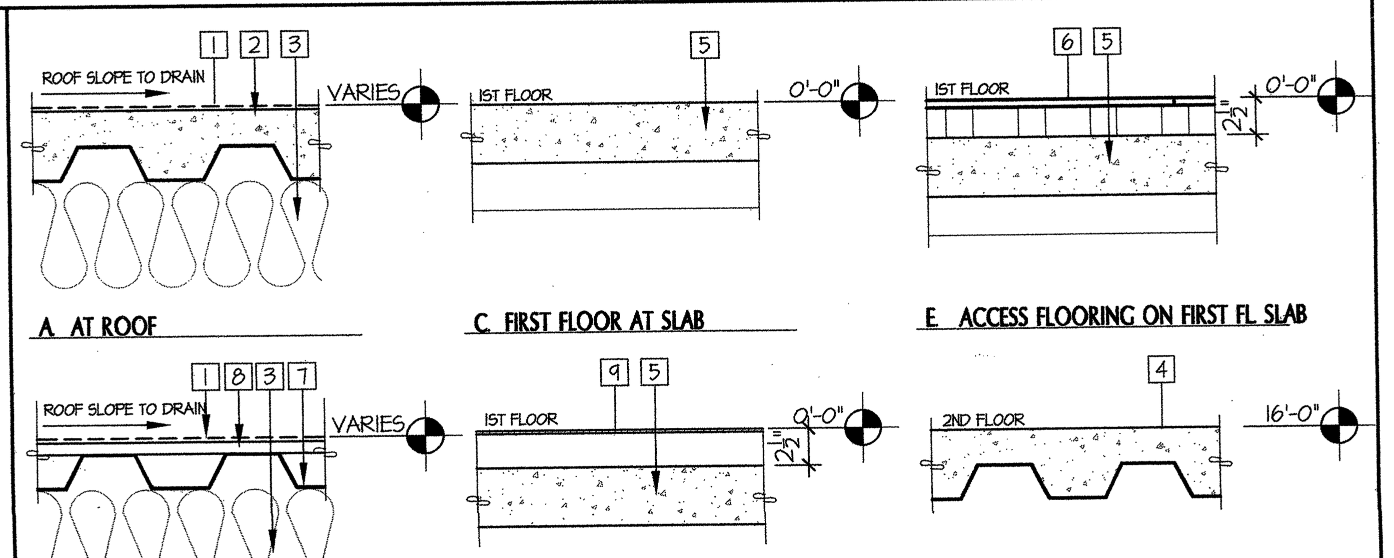
C. AT MTL PANEL TYPE 'C'

NOTE: SEE --/3.04 FOR TYP. MET. PANEL "C" DET.

ASSEMBLY KEYNOTES:

1 5/8" GYP. BD.
2 6" MTL. STUDS AT 16" O.C.
3 R-19 BATT INSULATION
4 METAL PANEL TYPE-A OVER TYPE II SHEET WATERPROOFING
5 EXTERIOR CEMENT PLASTER OVER MTL. LATH AND BUILDING PAPER
6 1/2" EXTERIOR GYP. BD. SHEATHING
7 METAL PANEL TYPE-C OVER TYPE II SHEET WATERPROOFING

EXT. WALL ASSEMBLIES 5
NTS



A. AT ROOF

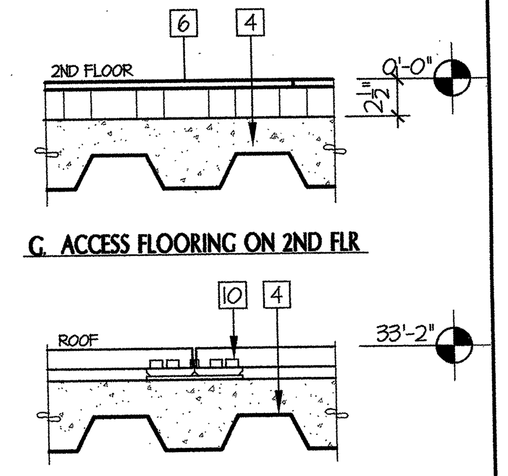
C. FIRST FLOOR AT SLAB

E. ACCESS FLOORING ON FIRST FL. SLAB

B. AT ROOF

D. FLOOR TILES ON FIRST FL. SLAB

F. SECOND FLOOR AT SLAB



G. ACCESS FLOORING ON 2ND FLR.

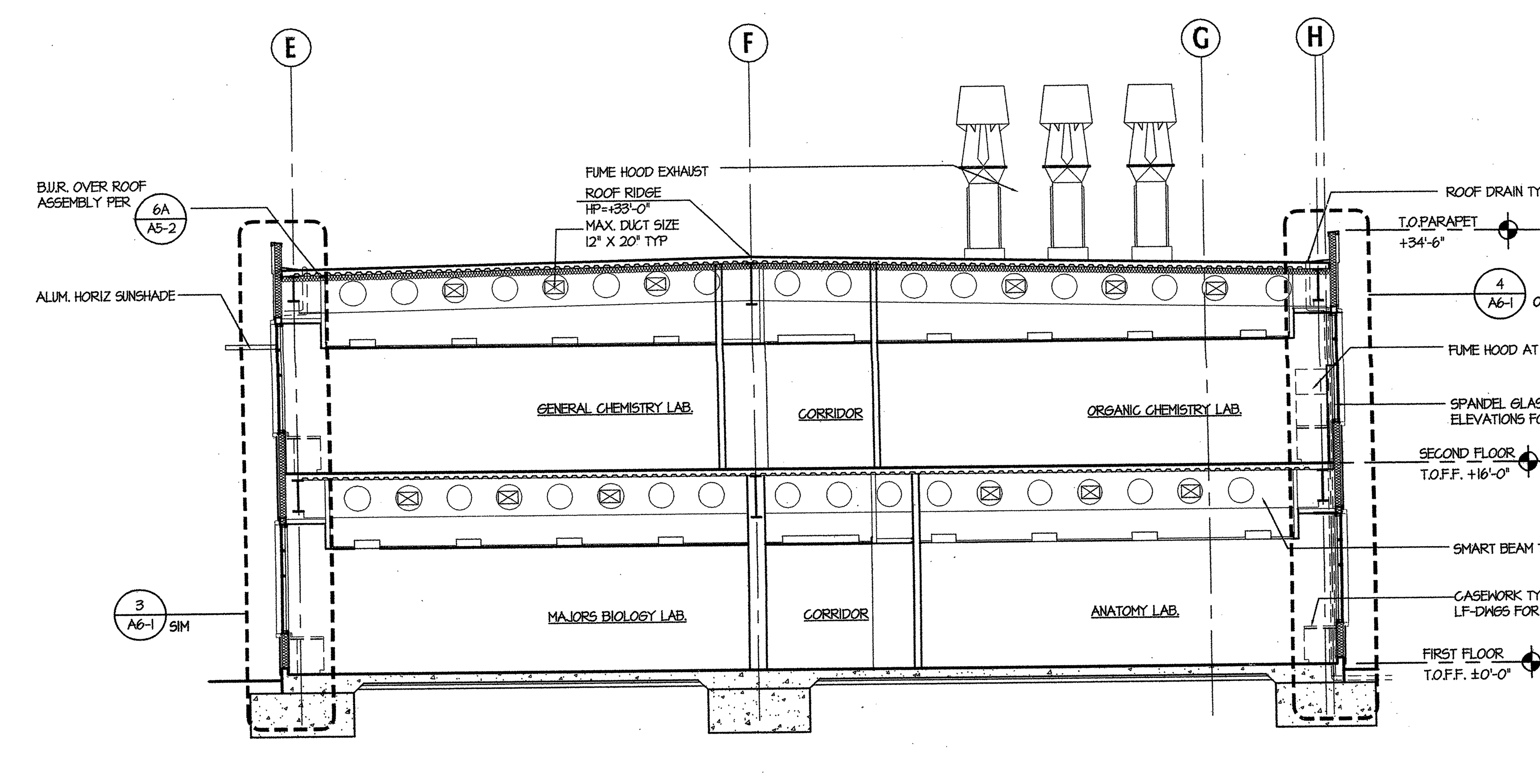
H. CONCRETE PAVERS AT ROOF

ASSEMBLY KEYNOTES:

1 BUILT-UP ROOFING SYSTEM AS SPECIFIED CLASS IA-90, T&F.U.R.6642 SYSTEM #34
2 COMPOSITE ROOF DECK, (LIGHTWEIGHT CONC. O/ METAL DECK), SSD
3 R-30 BATT INSULATION SECURED TO UNDERSIDE OF DECK
4 COMPOSITE FLOOR DECK (LIGHTWEIGHT CONCRETE OVER METAL DECK), SSD. UL #D925
5 ~~5" CONCRETE SLAB 2" CRUSHED ROCK OVER VAPOR BARRIER ON 4" CRUSHED ROCK AND 18" NON-EXPANSIVE ENGINEERED FILL~~
6 2 1/2" ACCESS FLOORING SYSTEM
7 3" STEEL ROOF DECK, SSD
8 ROOFING BOARD AS SPECIFIED
9 FLOOR TILES ON MORTAR BED PER FINISH SCHEDULE
10 PRECAST CONCRETE PAVERS, OPEN JOINT, PEDESTAL INSTALLATION

Refer to Drawing A5-2, Building Sections: ADDENDUM No. 1
a. Keynote 5 in detail 6 should read " 5" concrete slab over min. 15 mil vapor barrier on 6" crushed rock and 18" non-expansive engineered fill."

HORIZONTAL ASSEMBLIES 6
NTS



BUILDING SECTION 7
SCALE: 1/8"=1'-0"

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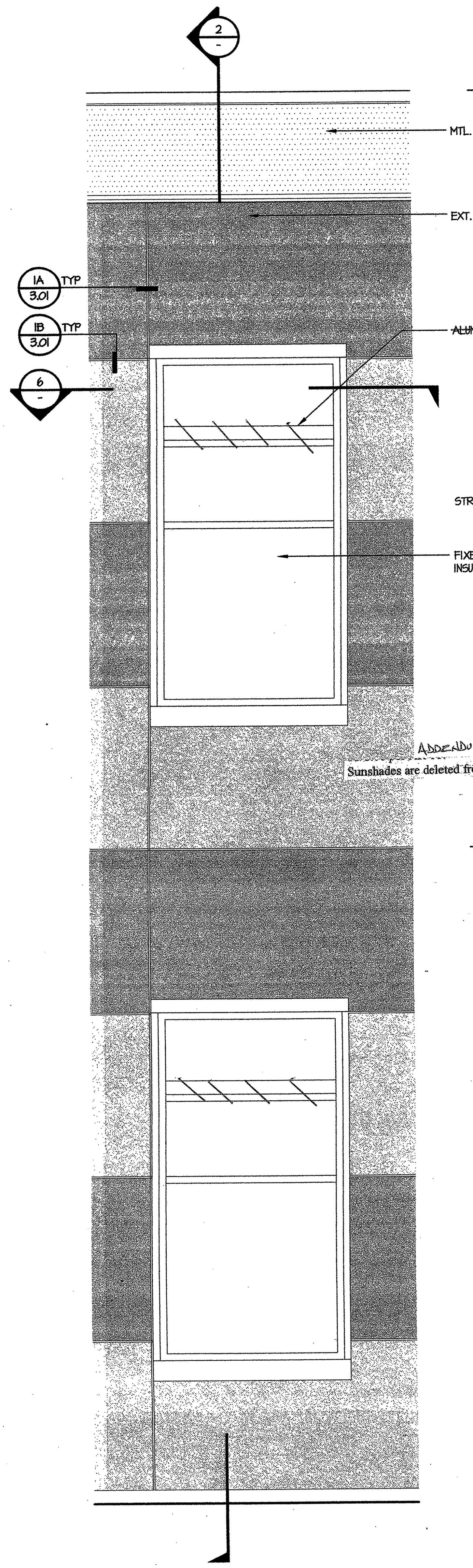
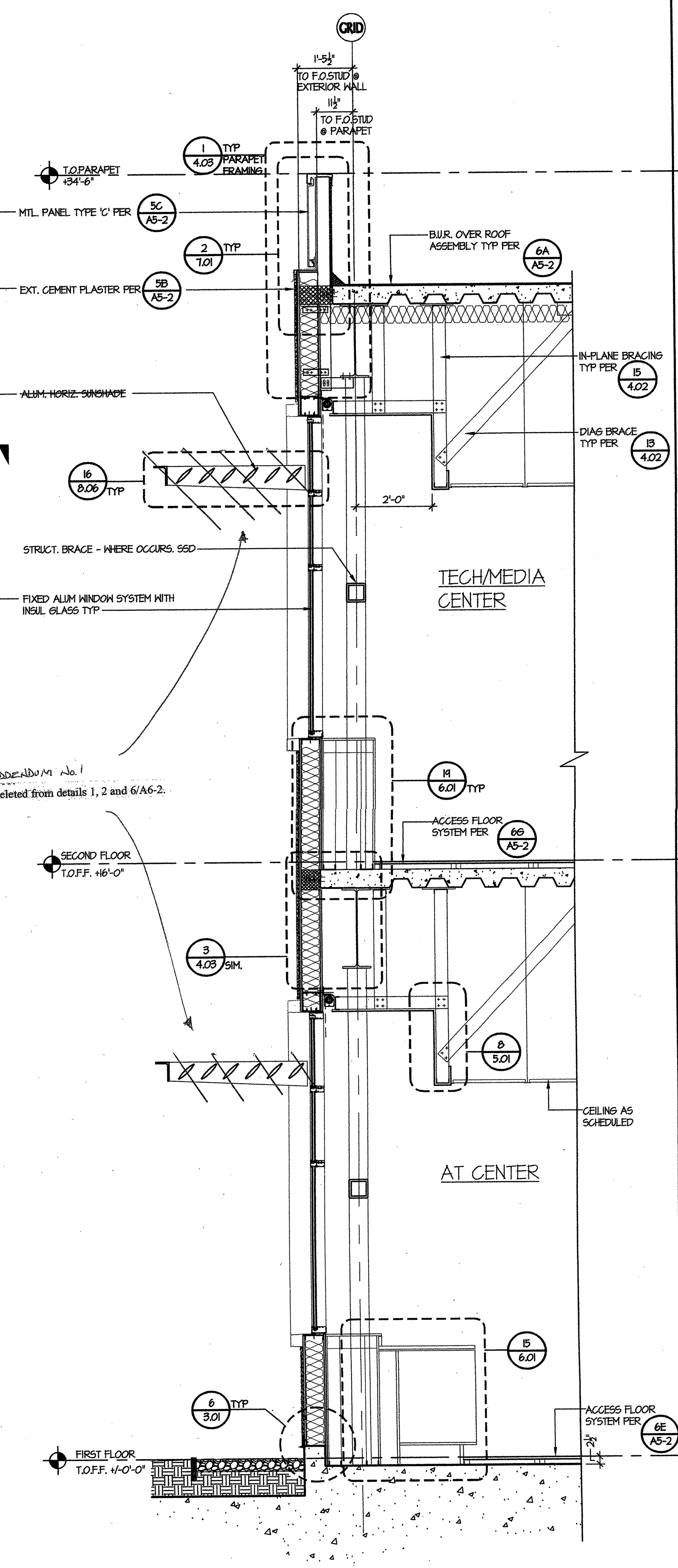
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
BUILDING SECTIONS

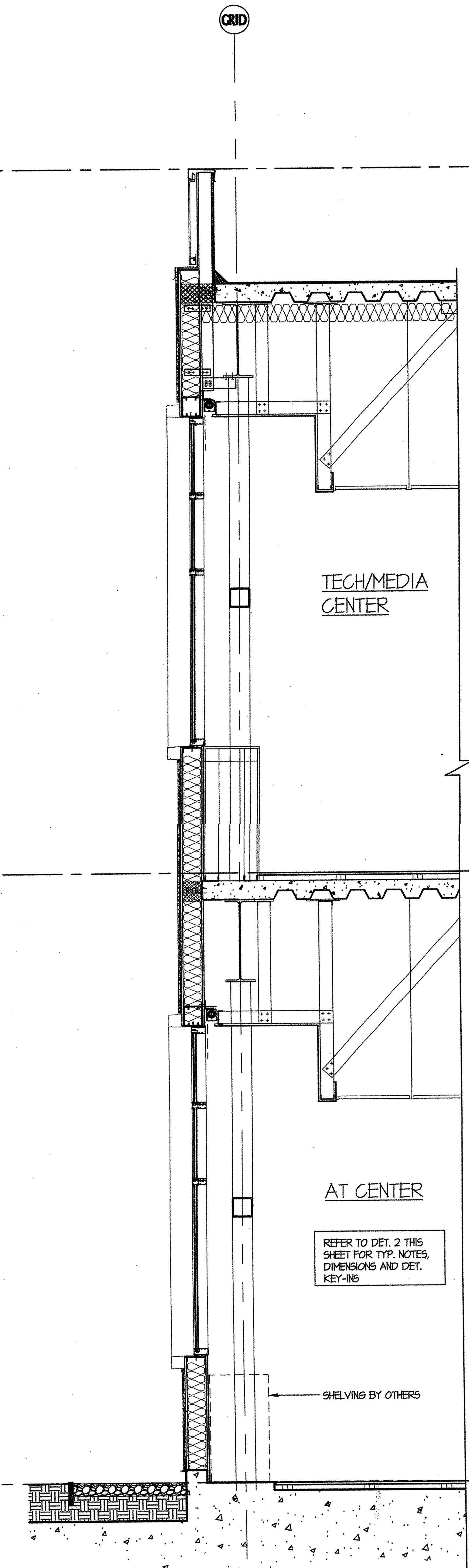
LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
A5-2



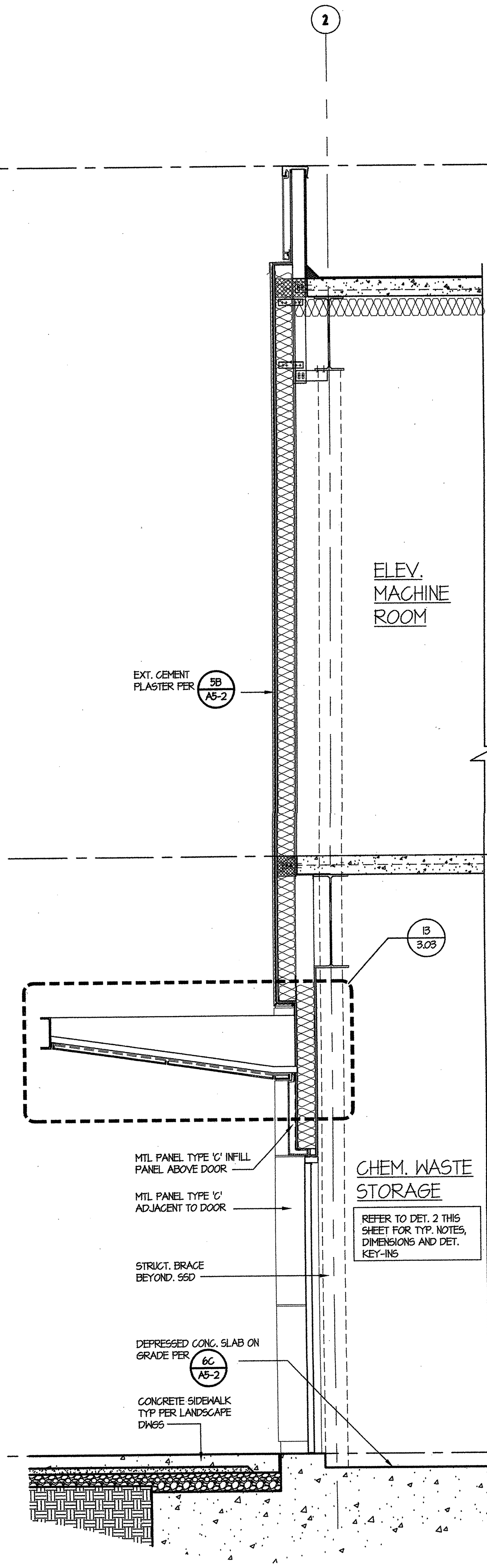
TYP. ENLARGED ELEVATION 1
SCALE: 1/2" = 1'-0"



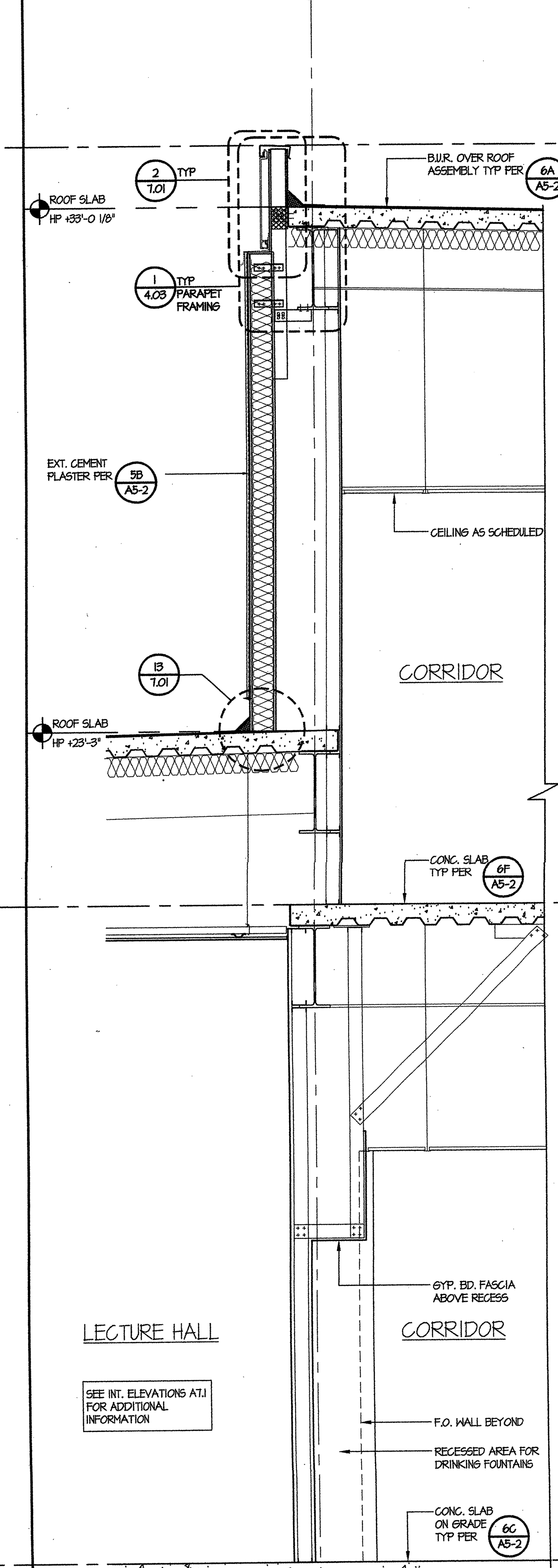
FIXED/SUNSHADE - SOUTH ELEVATION
WALL SECTION 2
SCALE: 1/2" = 1'-0"



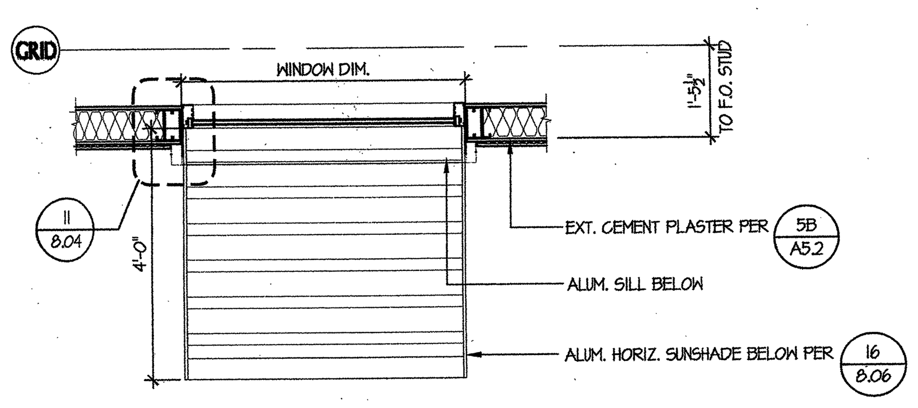
FIXED/ NO SUNSHADE - NORTH ELEVATION
WALL SECTION 3
SCALE: 1/2" = 1'-0"



WALL SECTION 4
SCALE: 1/2" = 1'-0"



WALL SECTION 5
SCALE: 1/2" = 1'-0"



PARTIAL PLAN 6
SCALE: 1/2" = 1'-0"

SPANDREL GLASS, TYP.
METAL PANEL TYPE-A
METAL PANEL TYPE-C
CEMENT PLASTER COLOR #1
CEMENT PLASTER COLOR #2

ELEVATION LEGEND

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drawing title:
WALL SECTIONS AND ENLARGED ELEVATIONS
LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:
A6-2

Bulletin No.33

Date: May 4, 2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: **LOS MEDANOS COLLEGE SCIENCE BUILDING**
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Submittal #77, Bulletin #25A, sheets A6-3, 8.06:

Sunshade fins indicated on architectural drawings A6-3 and detail 11/8.06, are deleted at the south entry curtainwall CW1B, referenced in Submittal #77.

Disregard note "Revise pipe column support per SKA-25.6 / Bulletin #25A" on sheet 403 of Submittal #77.

Provide credit for deletion of sunshade fins, support brackets, pipes etc.

Issued By: Architect

Requested By: Architect

Reason: Deletion of sunshade fins and supports

Enclosures: none

Distribution:

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1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

Action:
- ☐ For Information/Clarification only
- ☒ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☐ Requires DSA review and approval
- ☐ Proceed as authorized by District

cc: CAPITOL GLASS

Bulletin No.25A

Date: April 13, 2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: **LOS MEDANOS COLLEGE SCIENCE BUILDING**
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Submittal #72, Submittal #77; Sheets 7.02, 8.04, 8.05, 8.06, 8.07:

1. Architectural trim at window designated as "NBK" in Submittal #77 shop drawings which are clearly integral to the successful installation of the storefront, windows and curtainwall are to be provided by Capitol Glass. Returned shop drawings will reflect comments based on this.
2. Architectural trim at windows as shown in details on sheets 7.02, 8.04, 8.05, 8.06 and 8.07 is to be 0.090" aluminum, as indicated in Submittal #77 shop drawings, finish to match window system. (: CAPITOL CREDIT)
   - Provide credit for reducing material thickness from gauge to match window system (approx. 1/8" plate), as noted on details on sheets 8.04 – 8.07.
3. Provide 3/8" joint at every 9'-0" spacing and at ends for thermal expansion.
4. Provide ¼" diameter weep holes at head and sill trims at max. 36" spacing. (CAPITOL ADD/CREDIT?)
5. Provide compressible filler between HSS frame members and mullions, noted on Submittal #77 shop drawings and per details on sheets 8.04 – 8.07. (SJA)
   - Provide submittal for filler.
6. SKA-25A.1 – 25A.3 are issued to address jamb condition at CW1A, to accommodate Kawneer request to align back of entry curtainwall mullion with finish face of gyp board, and to resolve material interface between metal panels, plaster and window system. (Done)
   - SJA to forward sketches to Pacific Erectors for coordination.
7. Parapet detail 7/7.02 is revised per SKA-25A.4, in order to accommodate Kawneer request to align back of entry curtainwall mullion with finish face of gyp board.
8. SKA-25A.5 is issued to align the sunshade fin pipe supports with jamb mullions at the south entry CW1B. (Gone)
9. SKA-25A.6 is issued to indicate attachment of anchor brackets in detail 24/ sheet 403 to pipe support. (Gone)
   - Forward all sketches SKA-25A.1-25A.6 to Capitol Glass.

: CAPITOL GLASS
: PACIFIC ERECTORS
: CONCORD DRYWALL
: MIGUEL

BULLETIN # 00
LOS MEDANOS COLLEGE SCIENCE BUILDING

Issued By: Architect

Requested By: Architect

Reason: Clarification to architectural trim at windows

Enclosures: SKA-25A.1 – 25A.6; SKA-126.14 Revised (response to RFI #126)

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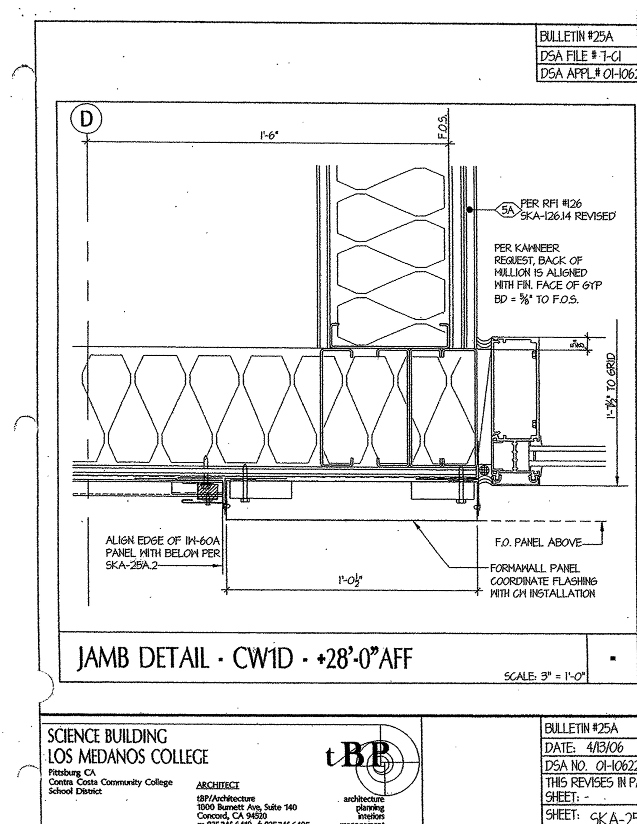
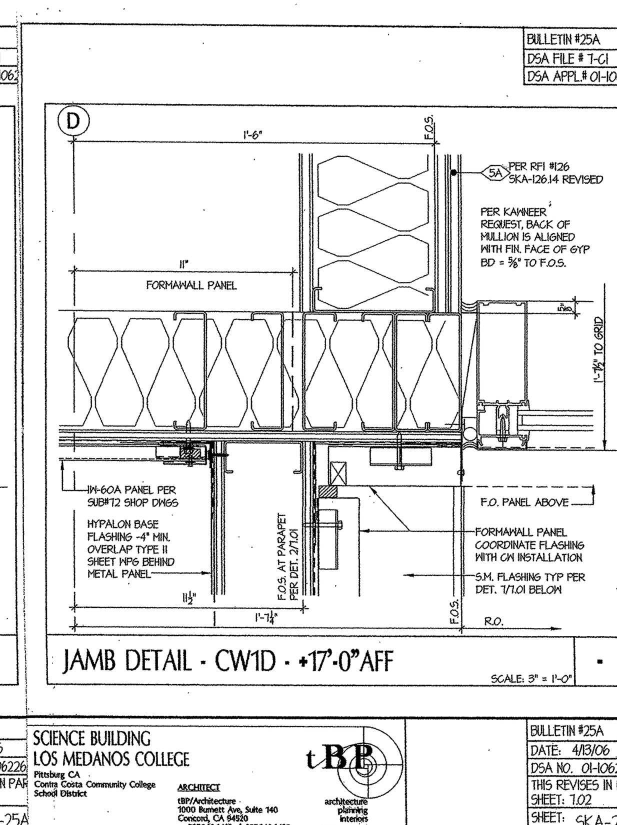
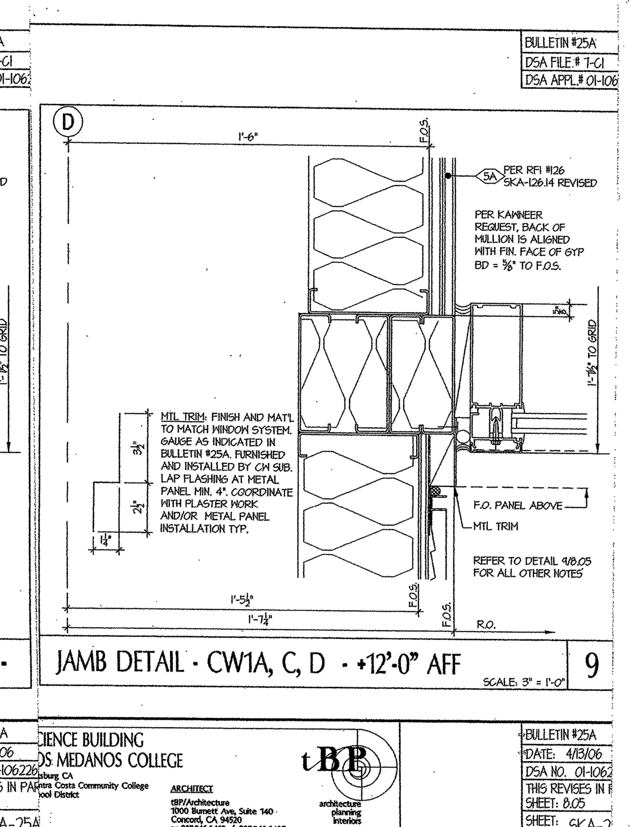
Action:
- ☐ For Information/Clarification only
- ☒ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☐ Requires DSA review and approval
- ☒ Proceed as authorized by District







Bulletin No.58

Date: 1/25/07

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: **LOS MEDANOS COLLEGE SCIENCE BUILDING**
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Exterior elevations at Science, Library and Mathematics Building entrances.

Provide signage at building entrances.
See attached sketches SKA-58.1, SKA-58.2, SKA-58.3 for total (5) locations at various building entrances. (2) @ Library, (2) @ Science, (1) @ Math.

See attached sketch SKA-58.4 for basic parameters of signage type and anchorage. Final details labeled "to be determined" to be coordinated with owner and architect prior to fabrication.

Library and Math signage to be installed in February.
Science signage can be fabricated and retained for future installation.

See attached fabrication and installation proposal from Mr. Sign dated 1/24/07.

Issued By: Jim Weaver / tBP Architecture

Requested By: Owner

Reason: Owner request

Enclosures: SKA-58.1, SKA-58.2, SKA-58.3, SKA-58.4, Mr. Sign proposal.

Distribution:

Copies:	Name:	Organization:
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Action:
- ☐ For Information/Clarification only
- ☒ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☐ Requires DSA review and approval
- ☐ Proceed as authorized by District

tBP/Architecture, 1000 Burnett Ave, Suite 140 . Concord, CA. 94520. ph: 925.246.6419 fax: 925.246.6495

Mr. Sign
29884 Secret Town Road
Colfax, Ca., 95713
530-389-2643/fax775-871-8097

October 26, 2006
January 24, 2007

tBP/Architecture
1000 Burnett Avenue
Suite 140
Concord, CA., 94520

Attn: Tom Beckett

Tom,

Attached is the new drawing.

The finer details of installation will need to be worked out on site. Basically, we can attach our base plate to the beam with the letters attached, tie back connection will be eliminated.

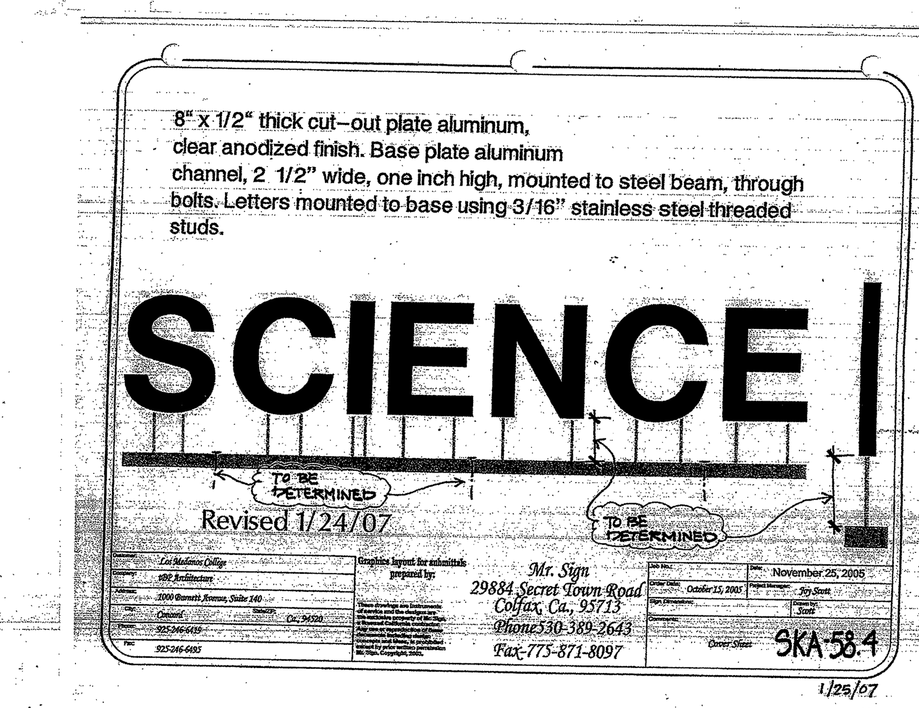
Our proposal is for a complete fabrication and installation. Letters are 8" high x ½" thick plate aluminum, cut-out using the water-jet method. Finish is natural satin aluminum. Mounting base is also aluminum, channel. Studs are 3/16" stainless steel, threaded into bottom of each letter with connection nut under channel. Actual length of studs is to be determined.

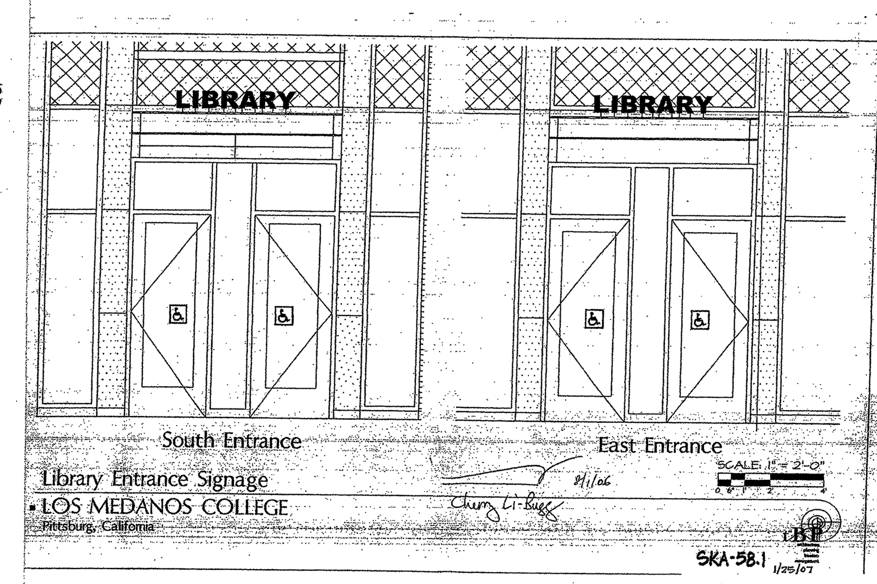
Our quote is to provide complete package for SCIENCE bldg., 2 sets, LIBRARY bldg., 2 sets and MATHEMATICS bldg., 1 set.

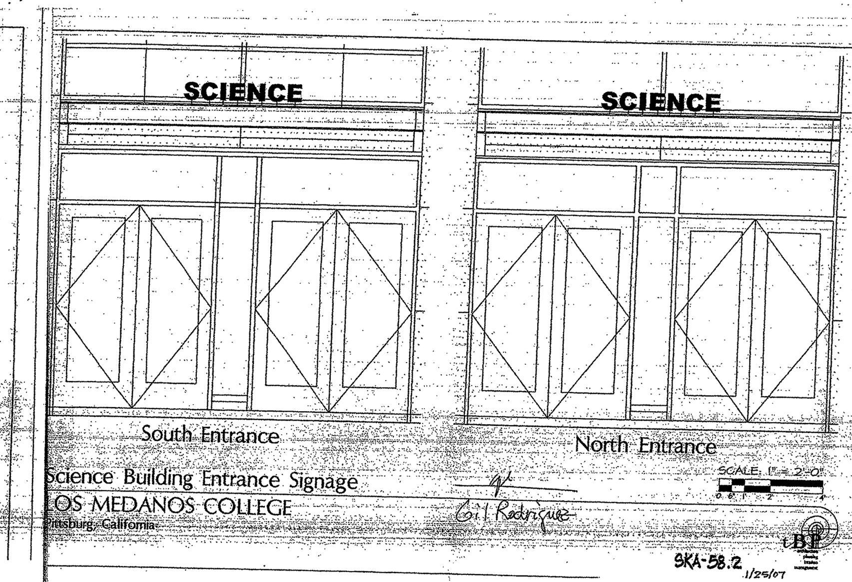
Complete package quote: $4,134.716, includes letters, mounting bases, studs, installation and taxes.

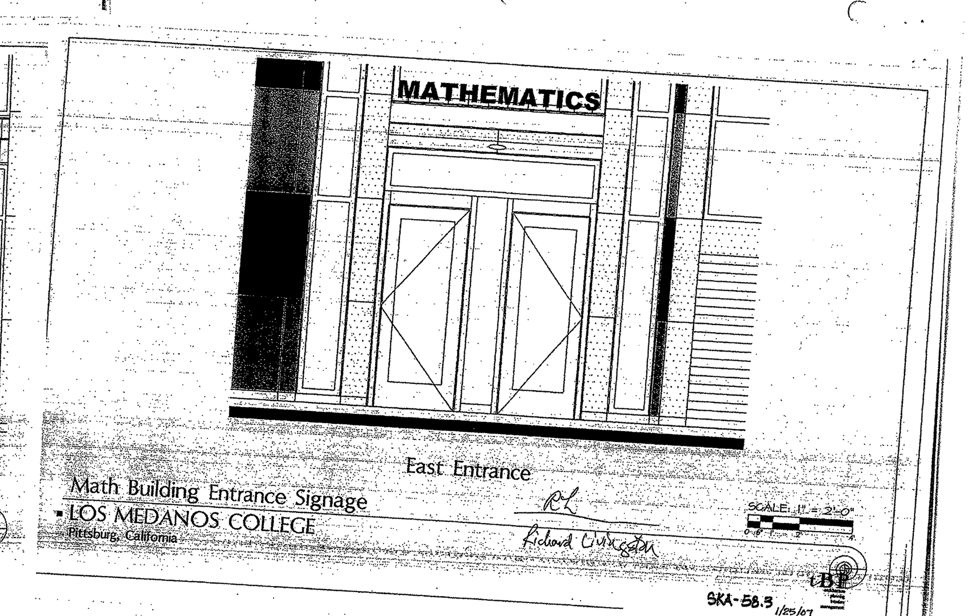
Let me know if further information is required.

Dan Scott

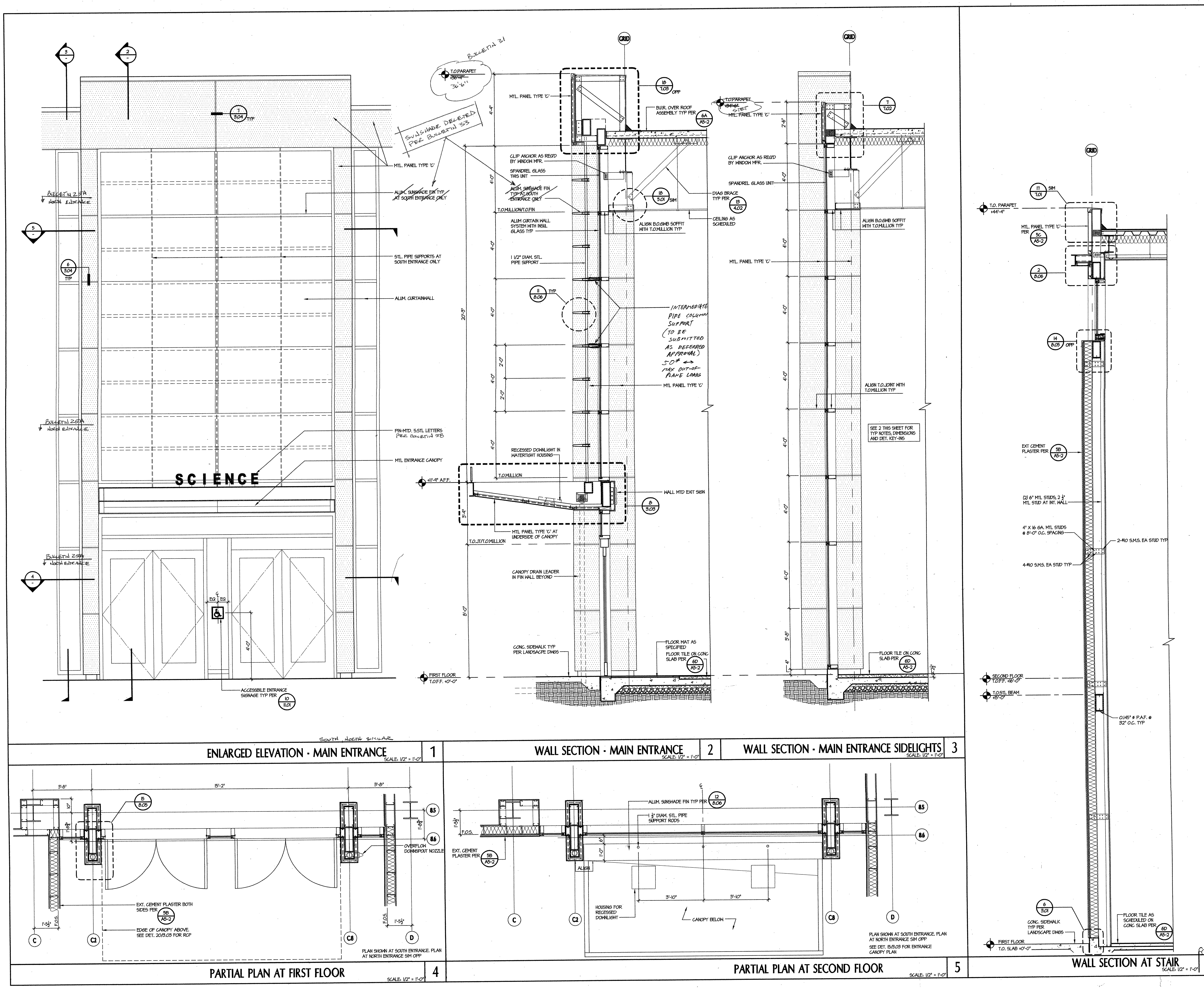








Los Medanos College
4CD Proj. #: L-565-B-23-SC
Science Building



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1000 Burnett Avenue, Suite 140
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SCIENCE BUILDING LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number: 20247.00

file name: A-6.3.dwg

drawn by: checked by:

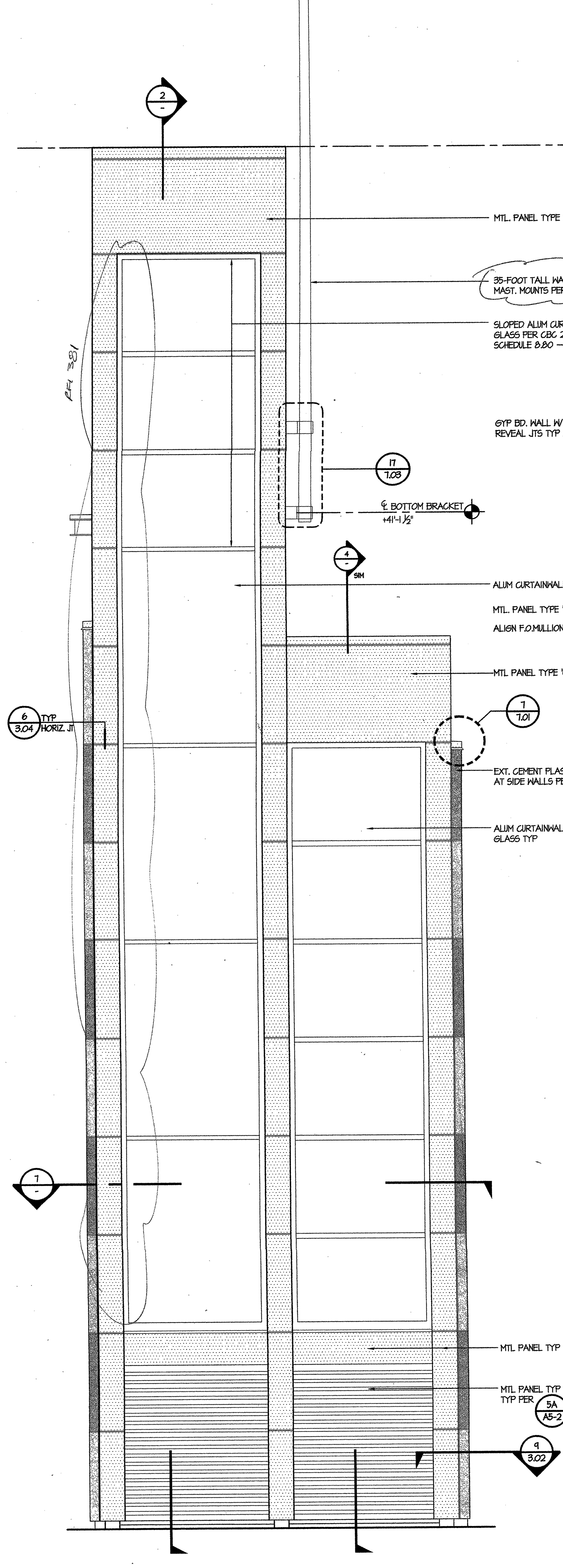
date: NOVEMBER 15, 2004

Rev. date: description:

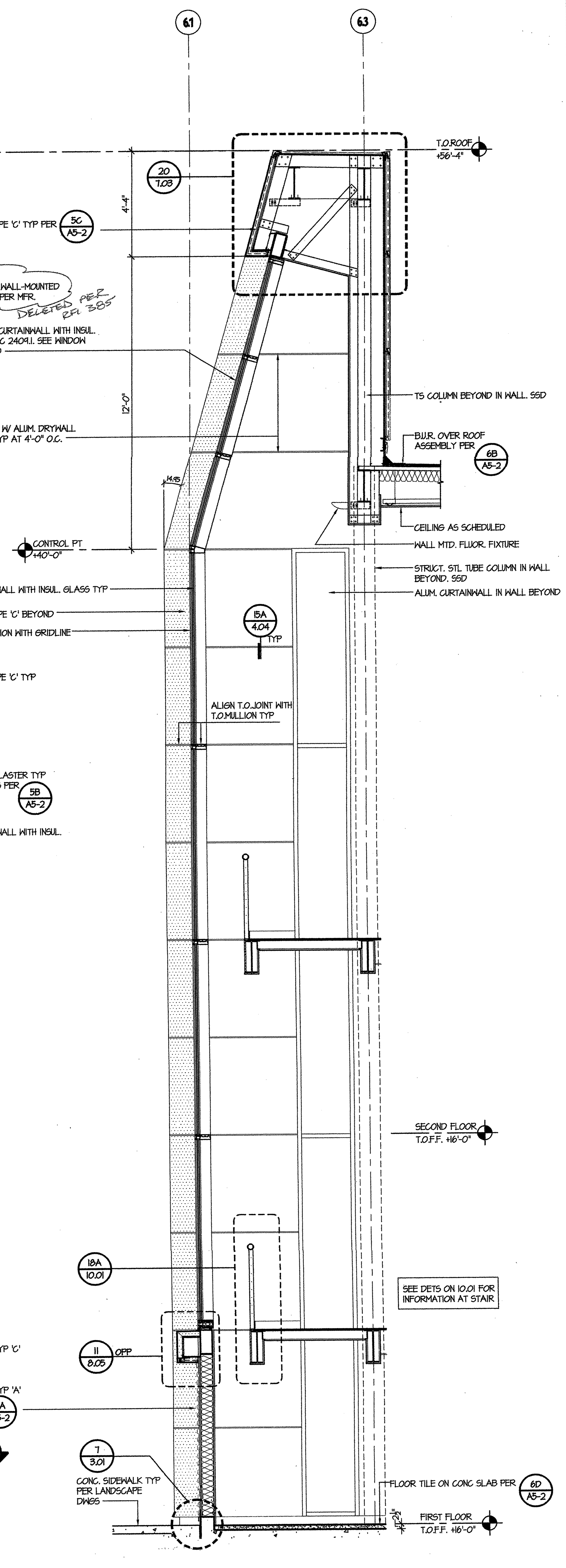
drawing title:
WALL SECTIONS AND ENLARGED ELEVATIONS

LMC SCIENCE 313-023-112.01-0-00.00

drawing no: A6-3



ENLARGED ELEVATION - STAIR #1 1
SCALE: 3/8" = 1'-0"



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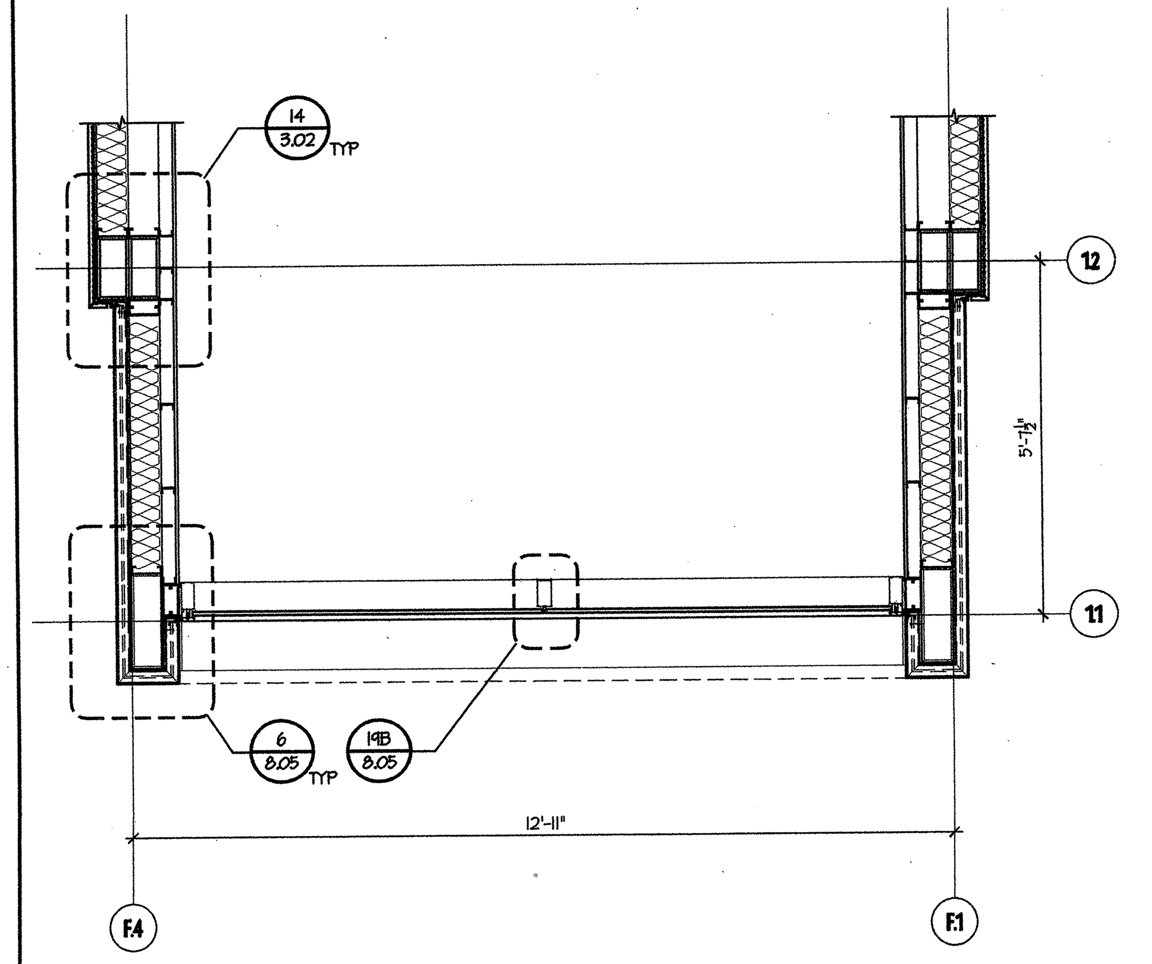

PARTIAL PLAN - STAIR #2 6
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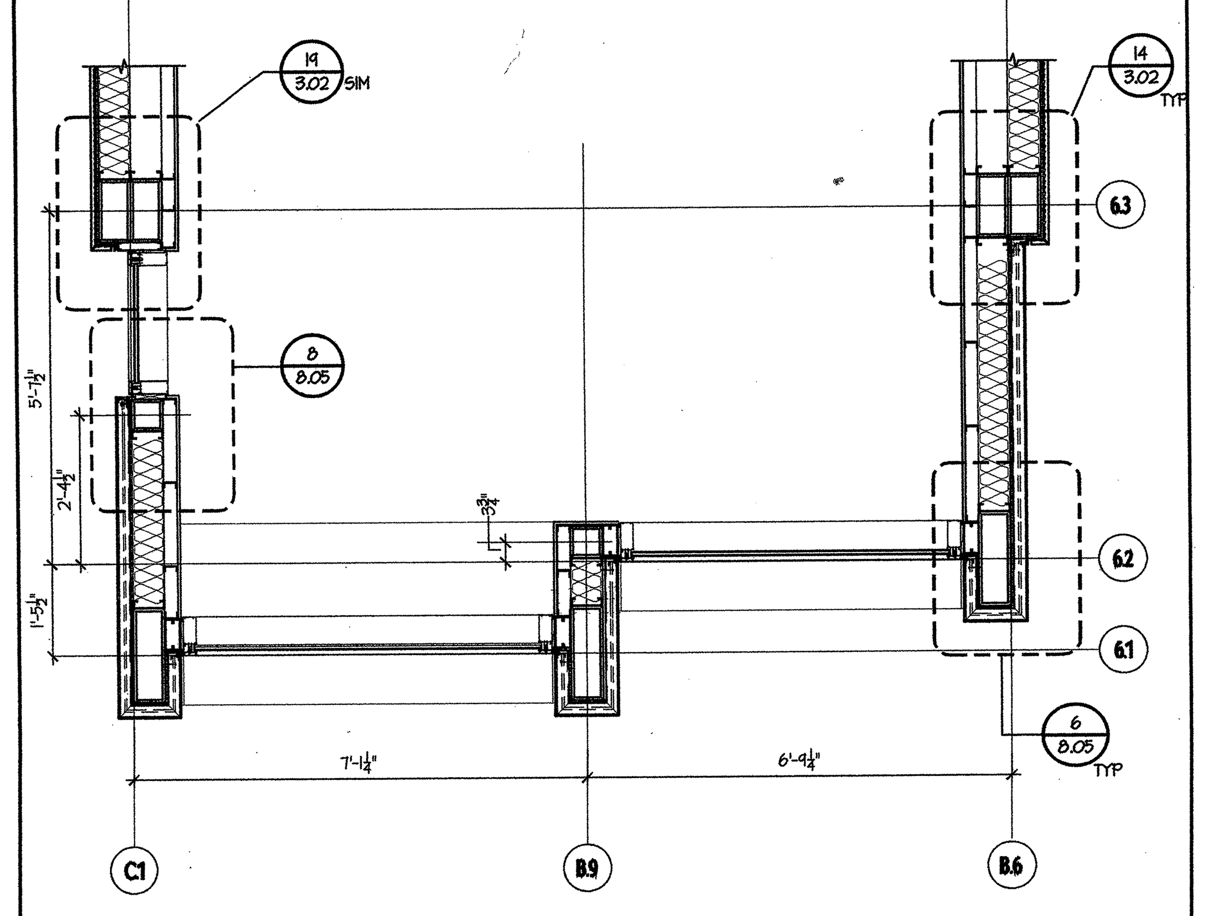

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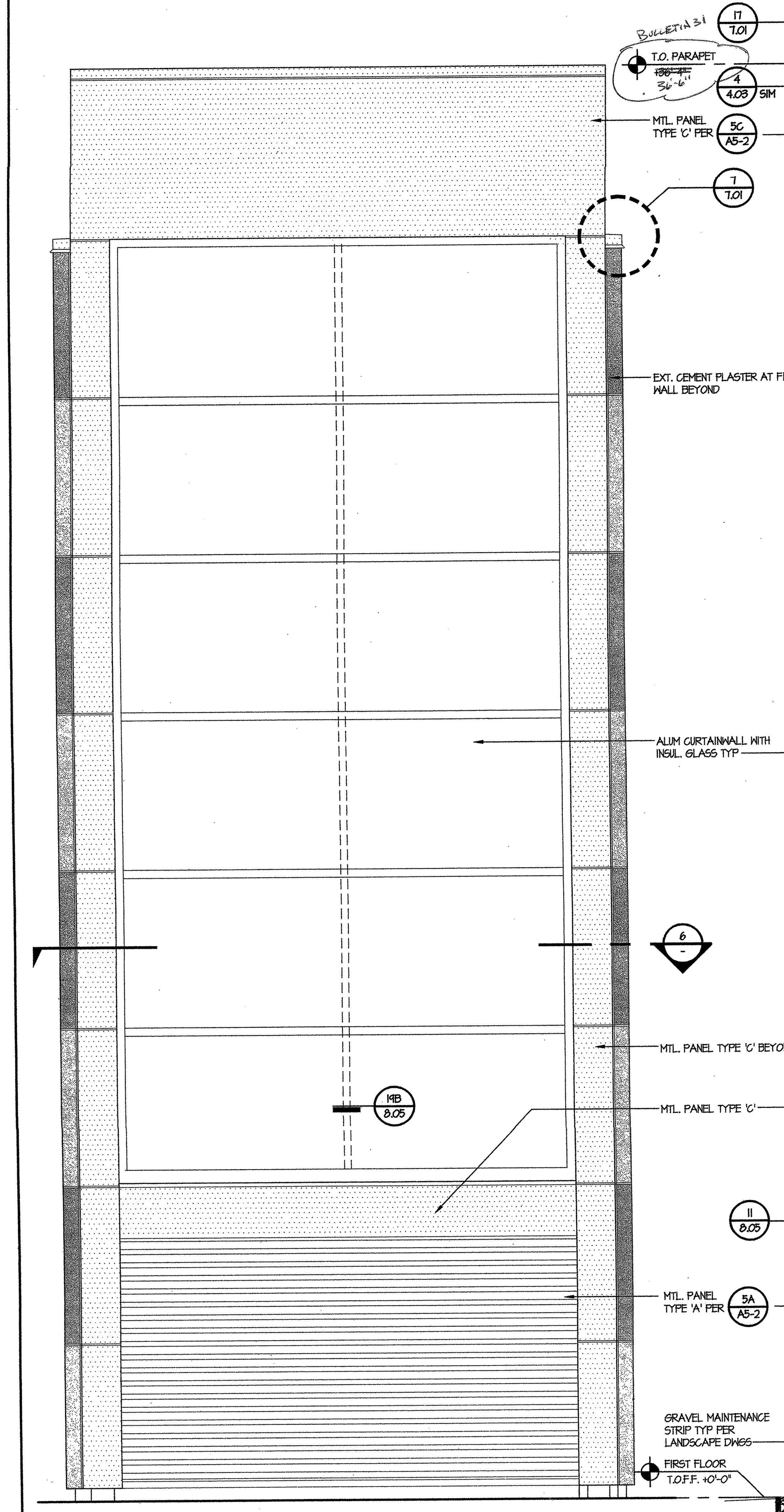

ENLARGED ELEVATION - STAIR #2 3
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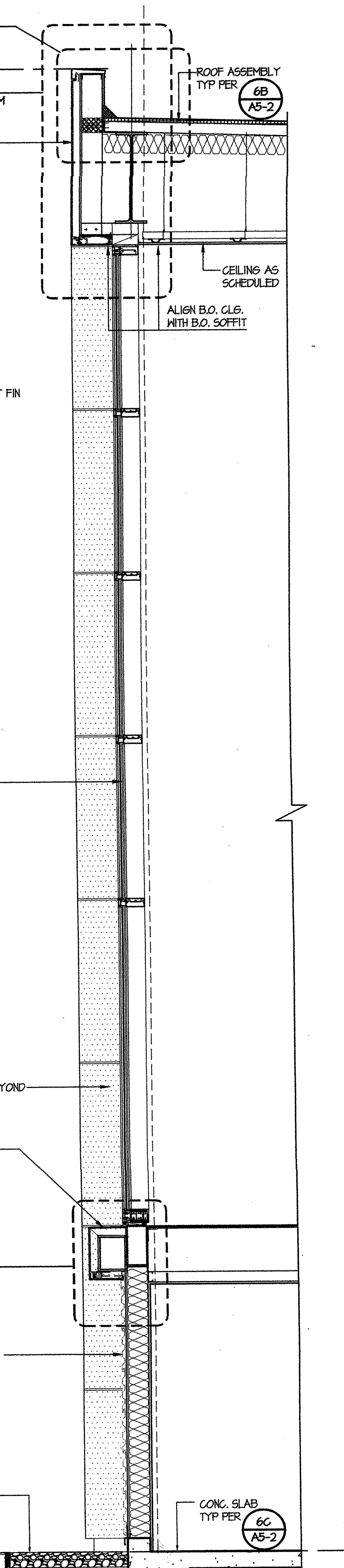

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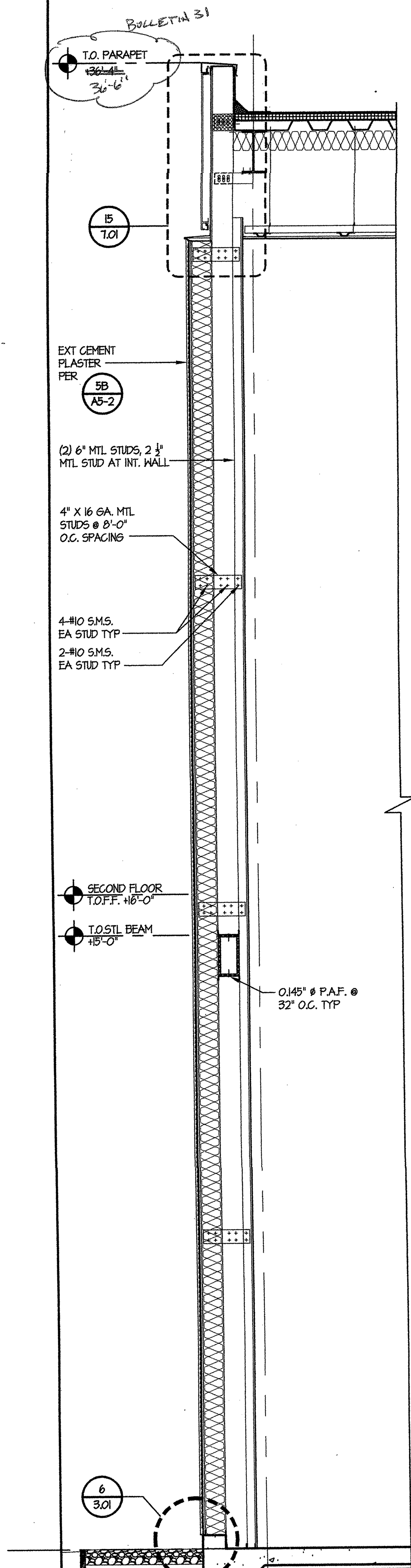

TYP WALL SECTION AT STAIR 5
SCALE: 1/2" = 1'-0"

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LOS MEDANOS COLLEGE

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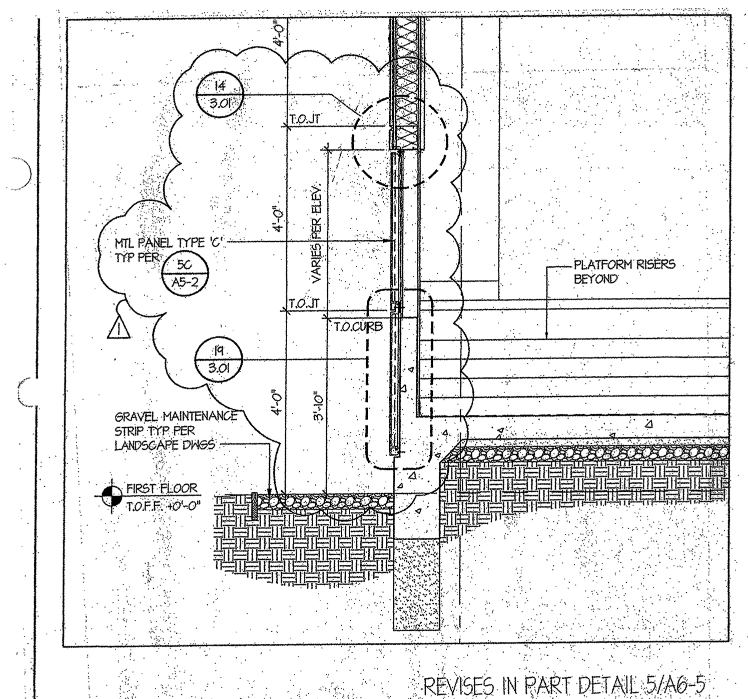
A6-4



REVISES IN PART DETAIL 5/A6-5

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District

ARCHITECT
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LICENSED ARCHITECT RICHARD A. MANGUM NO. C-8685 REN. 12-31-05 STATE OF CALIFORNIA

ADDENDUM #1
DATE: 03/18/05
DSA NO. 01-106226
THIS REVISES IN PART SHEET: A6-5
SHEET: AR-12

37

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Slab limits at door 111 entrance to lecture hall
Reference (dwg, spec.) A1-1, A6-5

RFI No: **167**
Subcontractor RFI:

Reply Requested By: 3/7/06

INFORMATION REQUESTED: **Date:** 3/1/06

The double door (door 111) outside entrance to lecture hall 141 shown on sheet A1-1, between line-D.7 and line-E has slab edge at the threshold of the door. Per detail 7/A6-5 the slab edge is outside the doors flush with the edge of building. The site concrete colored concrete while the slab on grade concrete is not. Therefore, we understand that the slab edge will be along the door threshold in accordance with A1-1. Please confirm.

SUGGESTED SOLUTION:

Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:** 3.3.06

Slab edge at threshold to door 111 is to be located per horizontal control plan A0-2 and floor plan A1-1, NOT as shown in wall section 7/A6-5.

Attachments:

By: C. Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	2/28/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	3.3.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

cc: Miguel

4

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Plaster/metal panel joint west wall of Room 141
Reference (dwg, spec.): Addenda No. 1, A6-4, 3.01

RFI No: **395**
Subcontractor RFI:

Reply Requested By: 10/26/06

INFORMATION REQUESTED: **Date:** 10/19/06

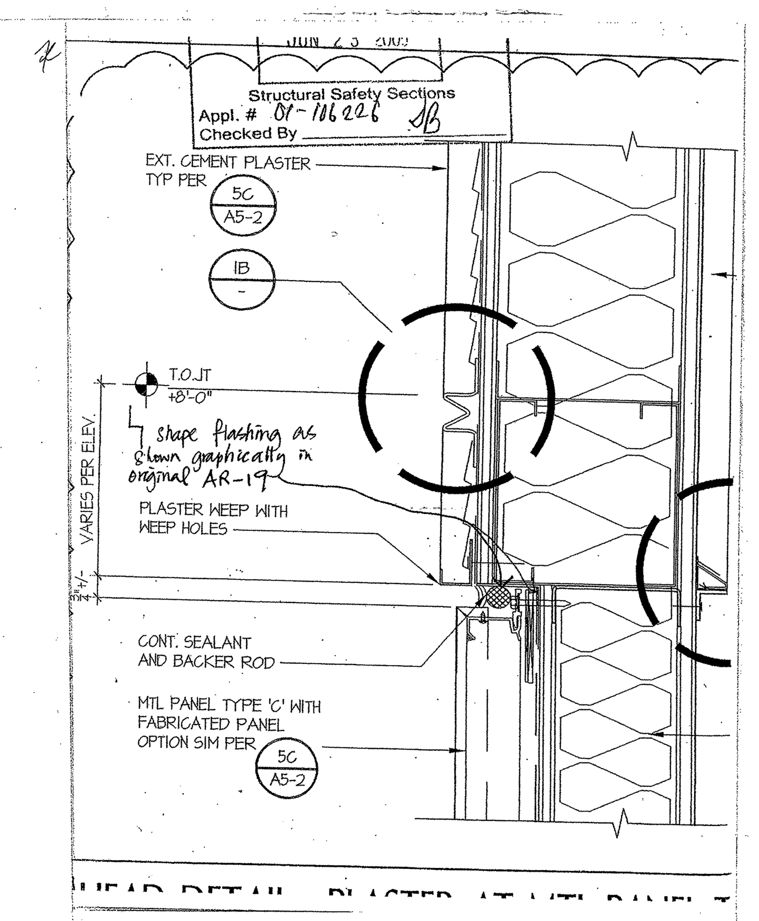
Reference detail 5/A6-5 and also 14/3.01 as modified by addenda no. 1. The window in this location was removed and replaced by metal panel. The joint between the plaster and metal panel appears to need a sheet metal angle installed behind the plaster building paper with the vertical leg turned in towards the top of metal panel. This would provide a proper metal to metal caulk joint as well as a solid transition between the two finishes. Please advise.

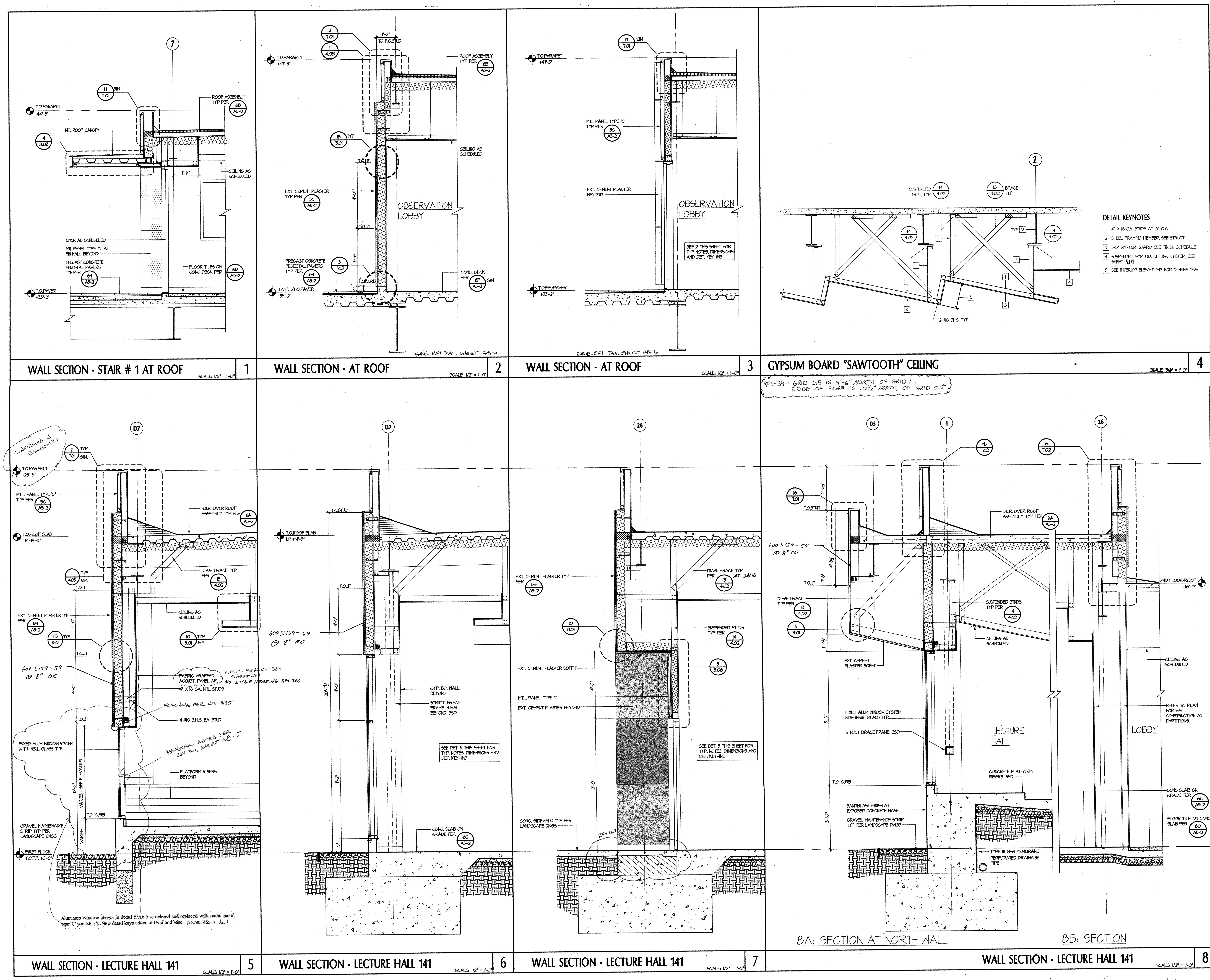
SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:**
No exception taken to install sheet metal angle as noted above, metal angle also shown graphically in AR-19 in Contract Documents. (See attached)

Vanessa Ling/tBP - 10/30/06

RFI # 000
Page 1





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tBP project number: 20247.00
file name: A-6.5.dwg
drawn by: checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
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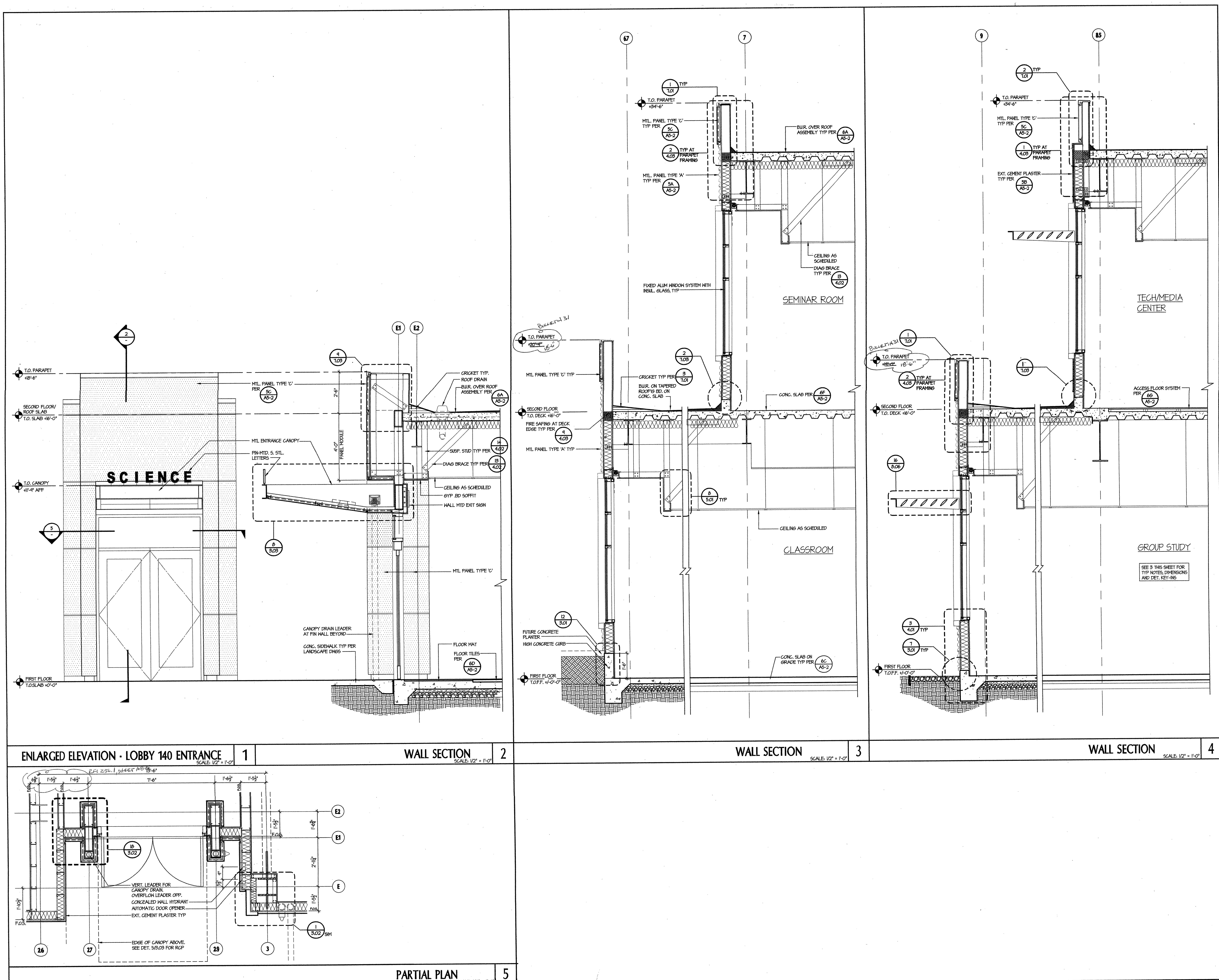
LMC SCIENCE 313-023-112.01-0-00.00
drawing no: A6-5



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FILE No. 7-C1

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SCIENCE BUILDING LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number: 20241.00
file name: A-6.6.dwg
drawn by: checked by:
date: NOVEMBER 15, 2004

Rev. date: description:

drawing title:
WALL SECTIONS AND ENLARGED ELEVATIONS
LMC SCIENCE 313-023-112.01-0-00.00
drawing no.: A6-6

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Limits of acoustic panel AP-1, in lecture hall 141
Reference (dwg, spec.): A6-5, A7-1

RFI No: 360
Subcontractor RFI

Reply Requested By: 10/5/06

INFORMATION REQUESTED:

Date: 9/278/06

Per conversation with Performance Contracting, the subcontractor installing the fabric wrapped acoustic panel there is confusion regarding the limits of acoustic panel in lecture hall 141. Per detail 4/141 on sheet A7-1, acoustic panel is shown no higher than the limits of the sawtooth ceiling. This seems to be supported by detail 5/A6-5, which shows Fabric wrapped acoustic panel AP-1 as a darker line on the wall and this darker line terminates well below the flat ceiling above. Please advise if the limits of the AP-1 are to match the outline of the sawtooth ceiling or if the limits of the acoustic panel are to be up to the flat ceiling above.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE:

DATE:

Limit of AP-1 on west wall of Lecture Hall #141 are to be up to the flat ceiling above, similar to the east wall as shown on 2/141 on sheet A7-1.

Vanessa Ling/tBP - 10/2/06

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Tackboard on east wall of Lecture Hall 141
Reference (dwg, spec.): 2/A7-1

RFI No: 478
Subcontractor RFI:

Reply Requested By: 2/8/07

INFORMATION REQUESTED:

Date: 2/1/07

Reference elevation view 2/A7-1 for the east wall of the lecture hall 141 and note the tackboard shown with a note to see plans for size. Per note 23 on sheet A1-1, this is an 8 foot wide tackboard and per detail 6/A8-5 it would appear that there is plenty of room to install this tackboard. However, these A drawings do not depict the several light switches between the tackboard and the entry door to the room. Nor do these drawings depict that F-line in this location is a braced frame so that there is diagonal structural steel in this wall that requires the FEC to slide to the south, towards the tackboard. Per field walk, there is approximately 5'-4" available for the tackboard. Please advise if we are to modify the size of the tackboard to fit the available space or if another solution is desired.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Justin Warren

RESPONSE:

DATE:

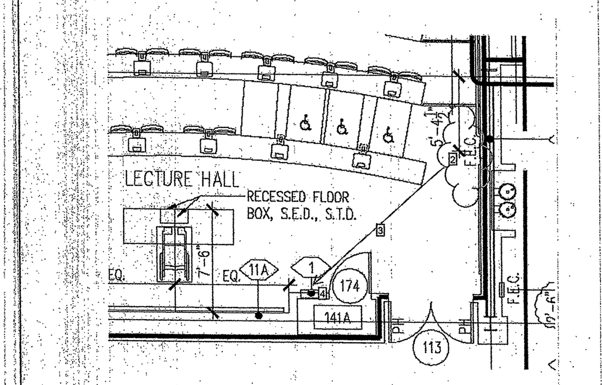
As discussed, please relocate fire extinguisher cabinet to south wall to avoid conflict between recessed cabinet and braced frame. See attached sketch SKA-478.1. 1

Jim Weaver / tBP Architecture

2/19/07

DSA FILE # 7-C1
DSA APPL # 01-1062

1



PARTIAL PLAN ROOM 141 - RELOCATE FEC AS INDICATED 5

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LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District

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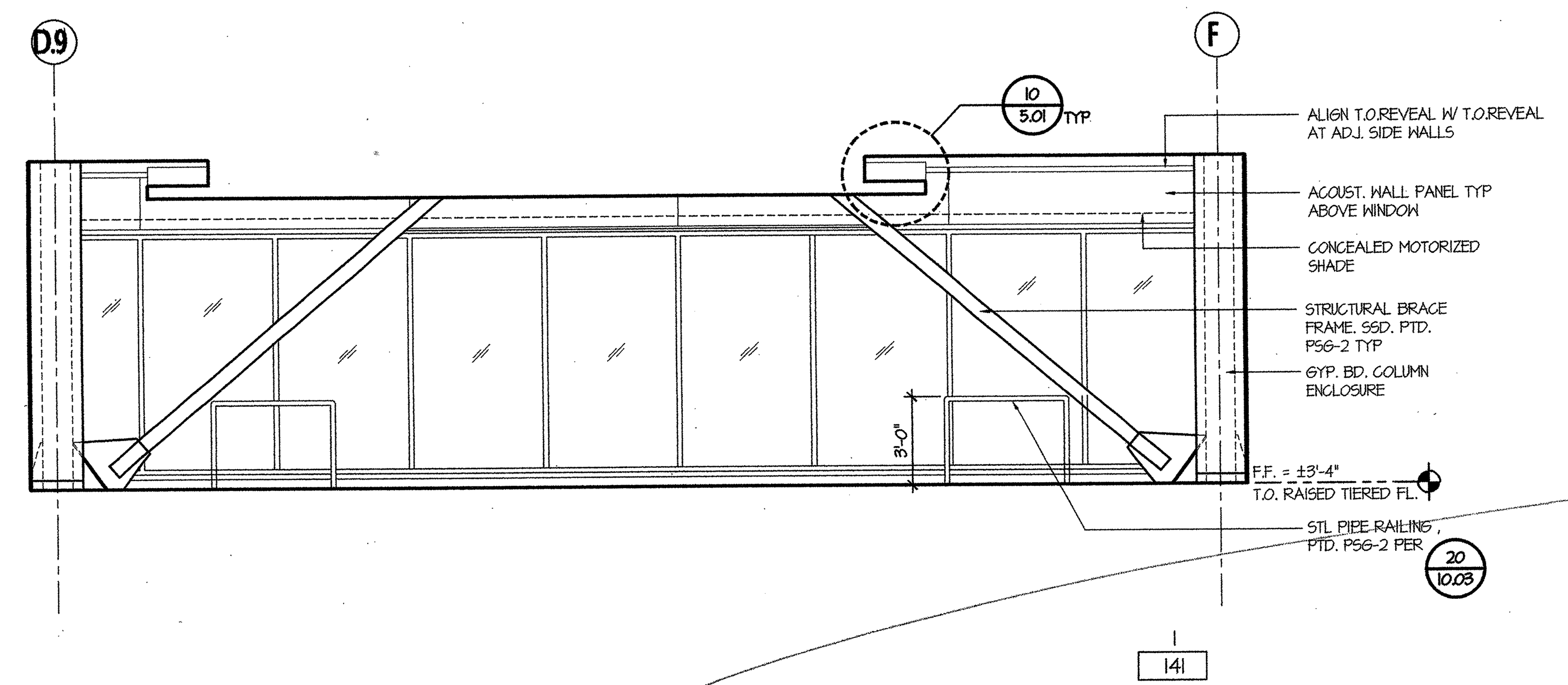
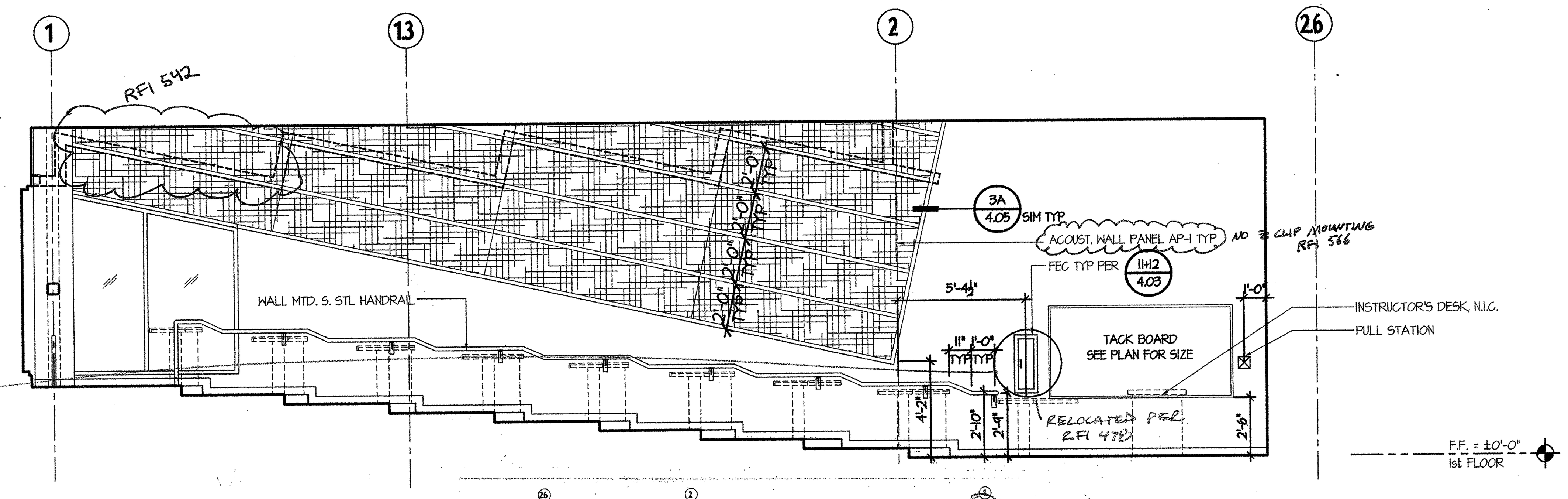
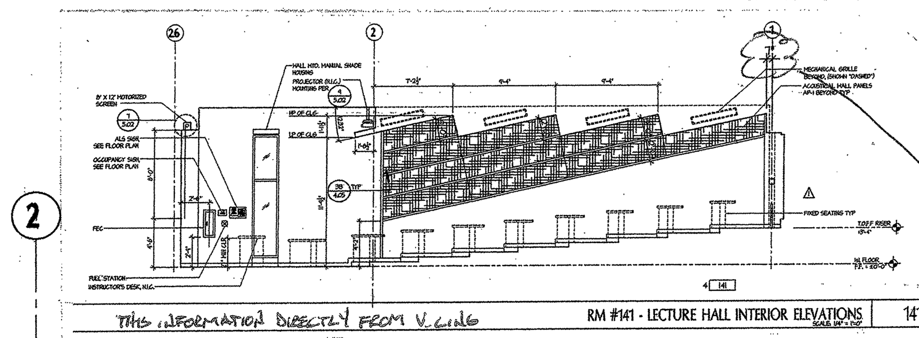
tBP architecture planning interiors management

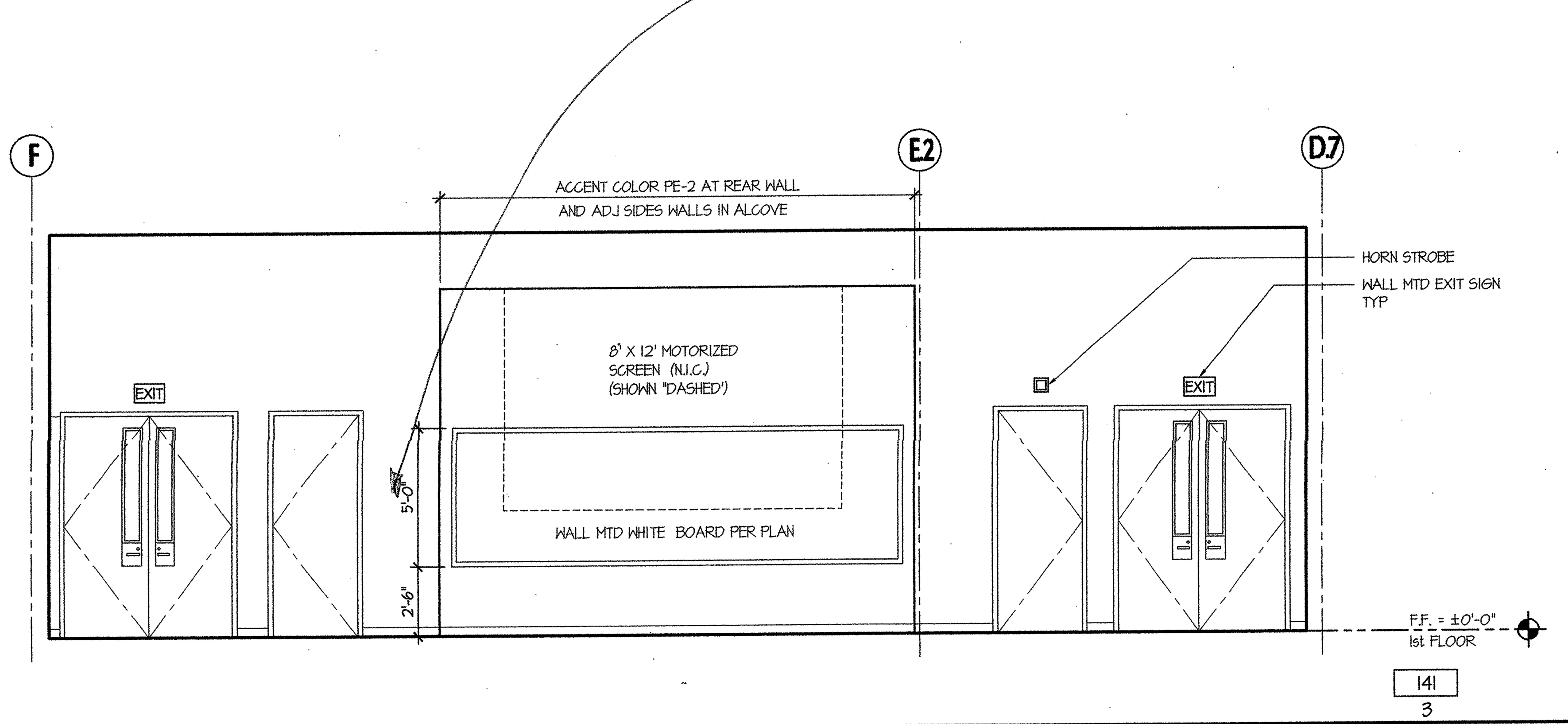
LICENSED ARCHITECT RICHARD A. MANGUM, AIA. NO. C-8685 REN. 12-31-07 STATE OF CALIFORNIA

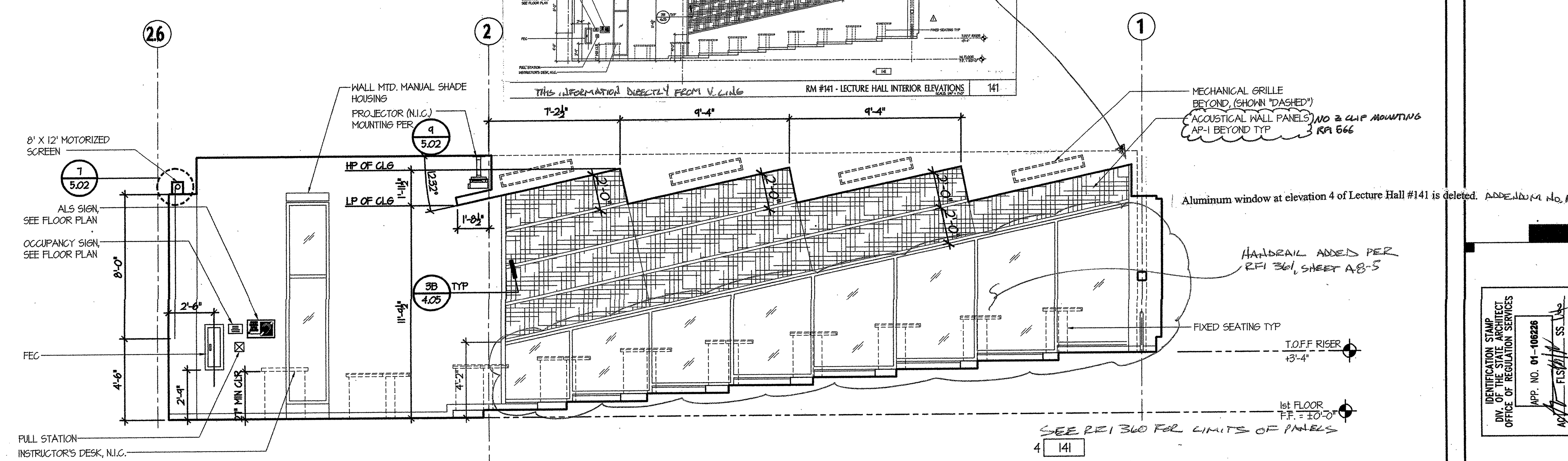
RFI# 478 6
DATE: 2/19/07
THIS REVISES IN PA
SHEET: A1-1
SHEET: SKA-478





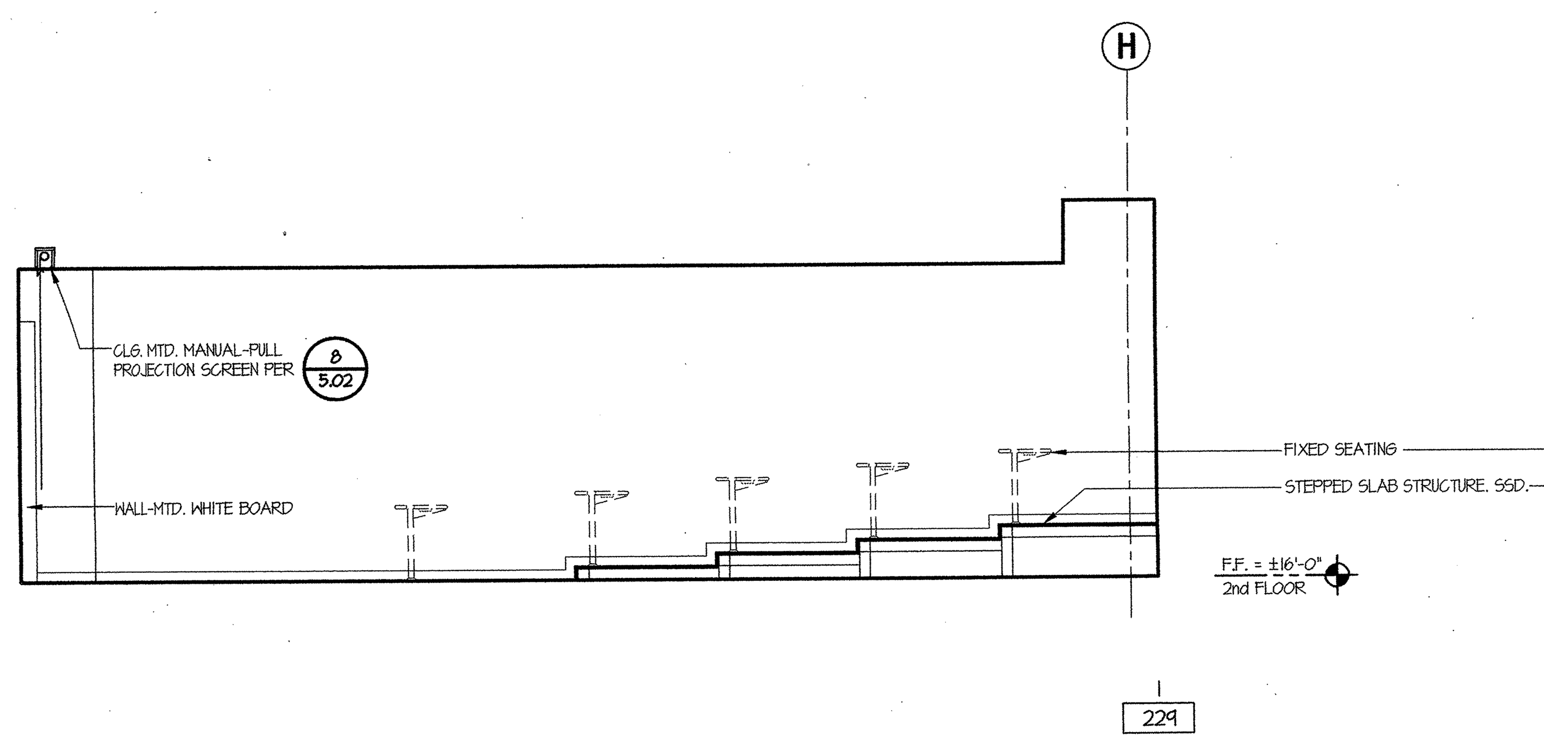


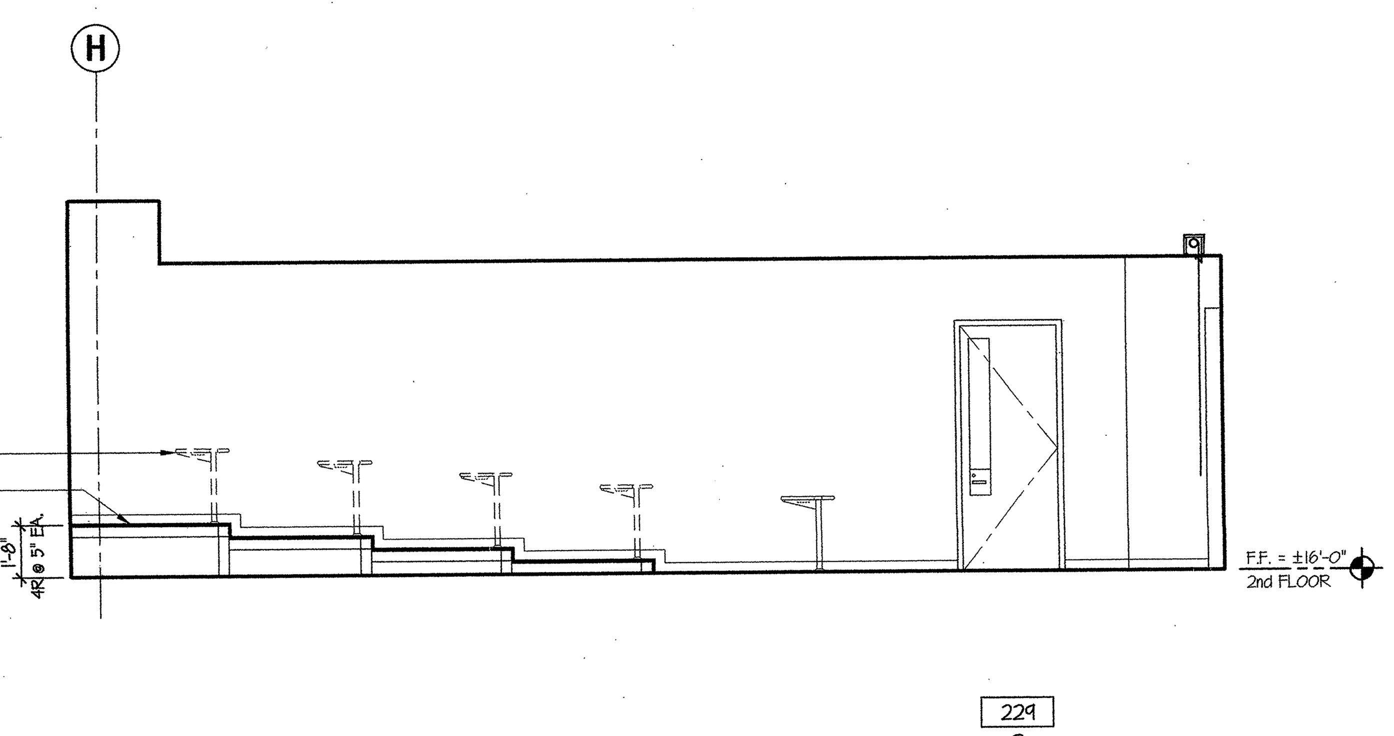


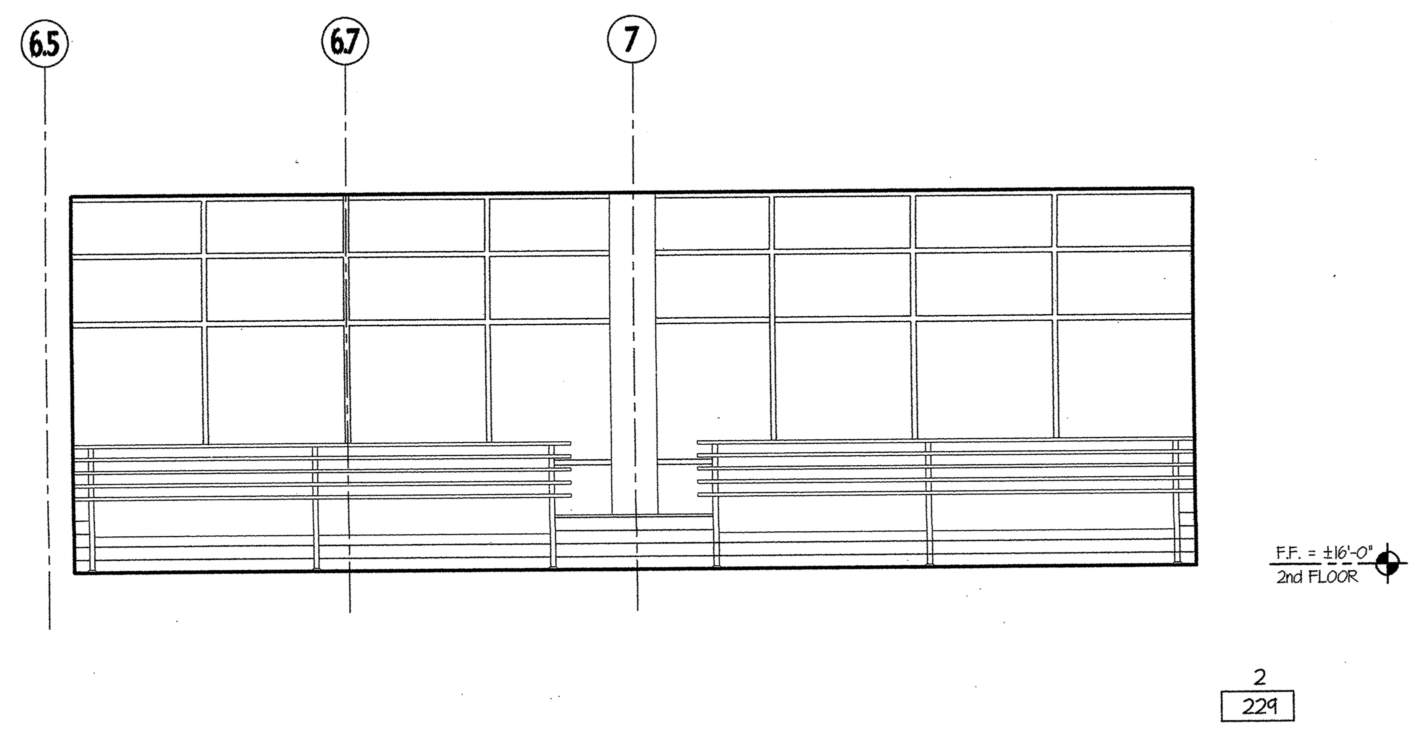


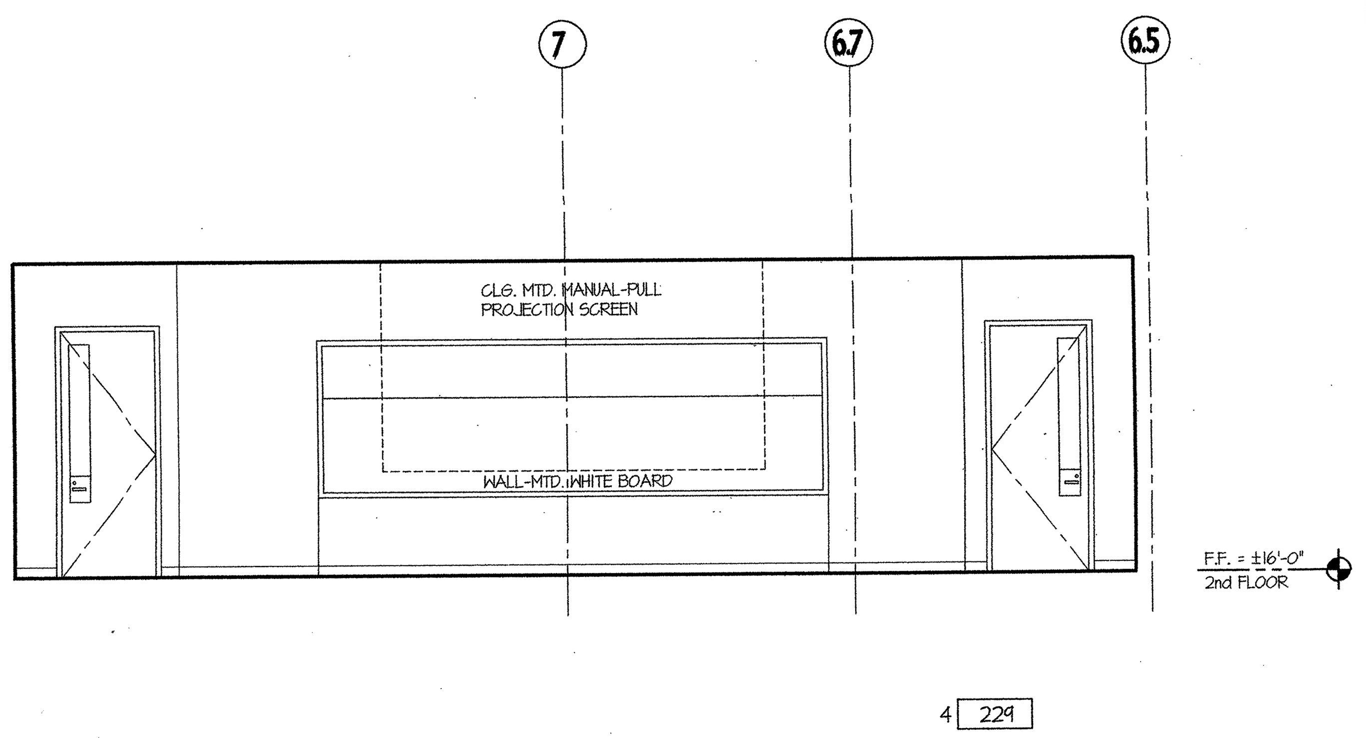
Aluminum window at elevation 4 of Lecture Hall #141 is deleted. ADDENDUM NO.1

RM #141 - LECTURE HALL INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"
141

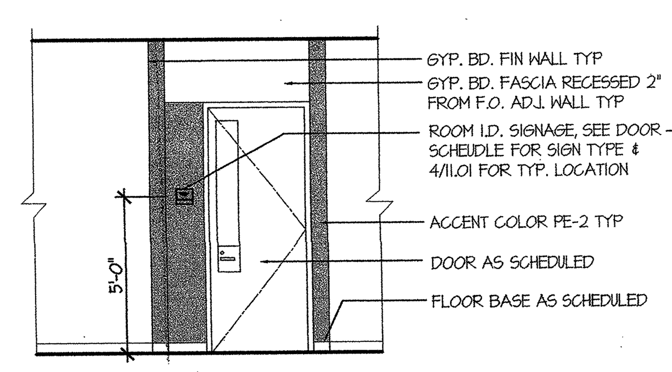




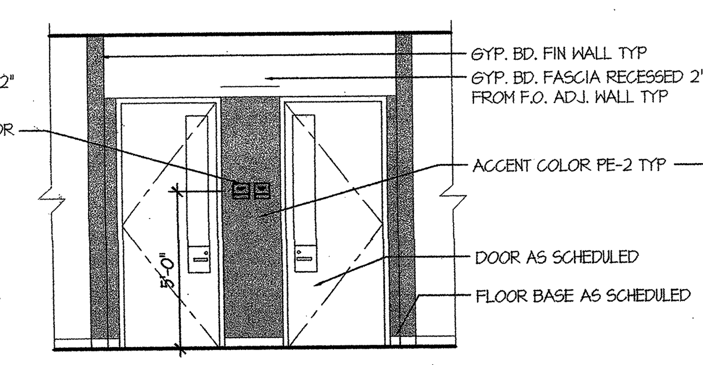




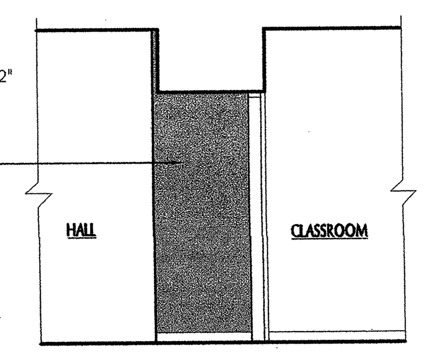
RM #229 - LECTURE HALL INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"
229



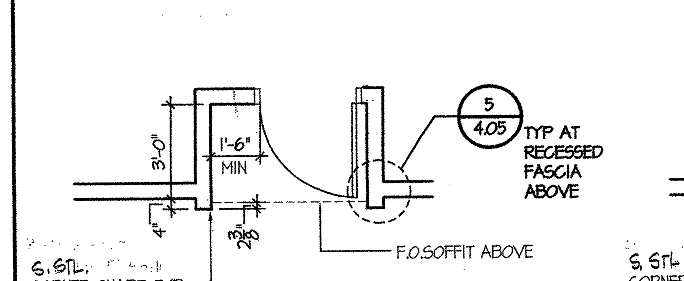
3A: SINGLE ENTRANCE ELEVATION



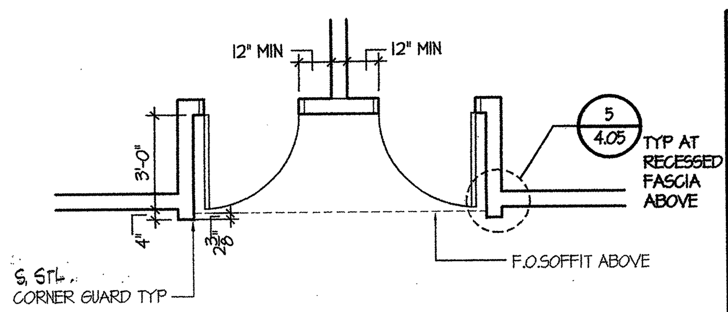
3C: DOUBLE ENTRANCE ELEVATION



3E: SECTION

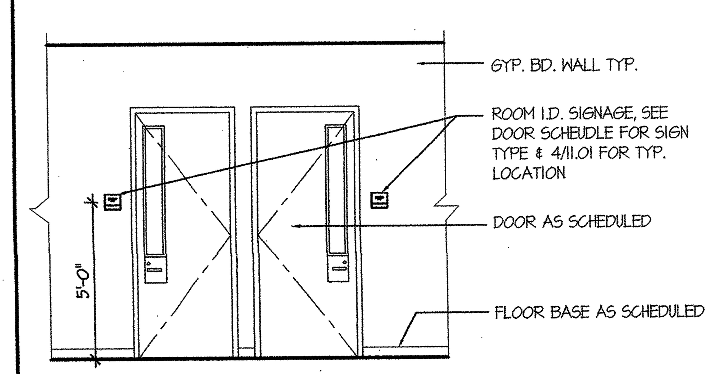


3B: SINGLE ENTRANCE PLAN

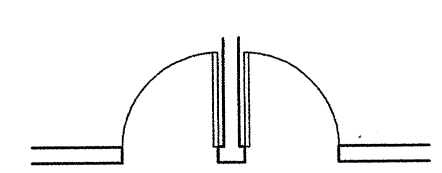


3D: DOUBLE ENTRANCE PLAN

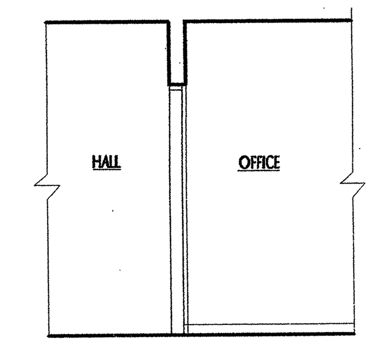
INT. ELEVN - TYP CLASSROOMS &D LABS ENTRANCE
SCALE: 1/4" = 1'-0"
3



4A: DOUBLE ENTRANCE ELEVATION



4B: DOUBLE ENTRANCE PLAN
NOTE: SINGLE ENTRANCE SIMILAR



4C: SECTION

INT. ELEV. - TYP OFFICE ENTRANCE
SCALE: 1/4" = 1'-0"
4

ELEVATION LEGEND :

SEE SHEET 9.01 FINISH SCHEDULE FOR ADD'L INFO

	METAL PANEL TYPE 'C' AT INTERIOR
	FABRIC WRAPPED ACOUSTICAL WALL PANEL AP-1
	INTERIOR PAINT COLOR PE-1
	INTERIOR ACCENT PAINT COLOR PE-2
	WALL TILES GT-1
	PLASTIC LAMINATE WALL PANELING PL-2

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APP. NO. 01-108228
FILE No. 7-C1
DATE 1-11-05

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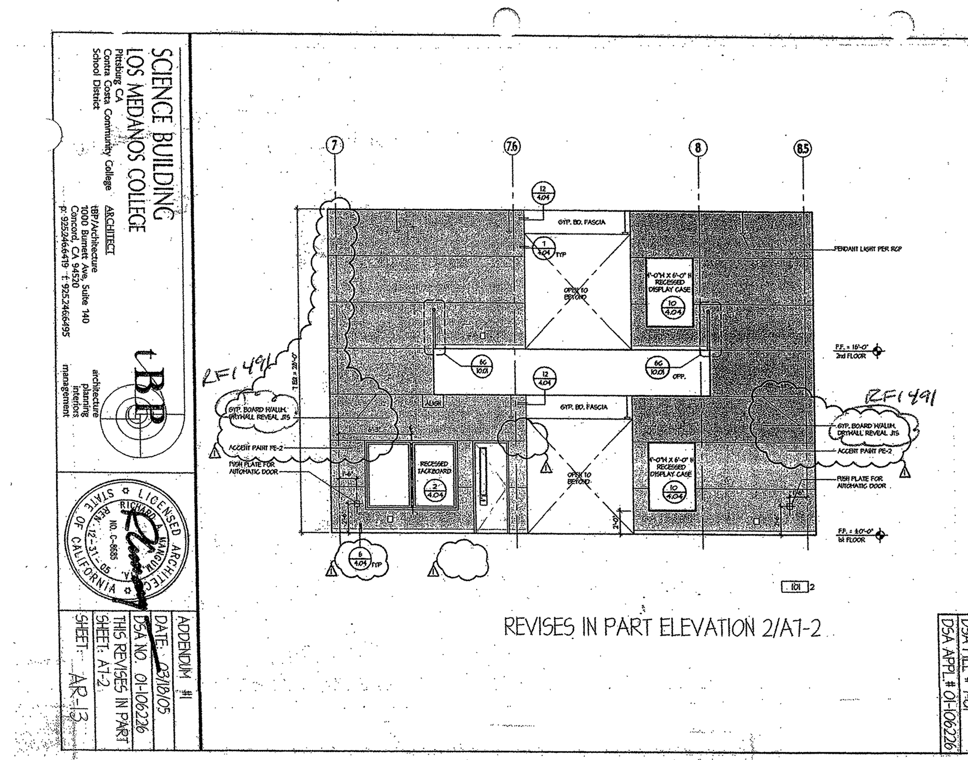
SCIENCE BUILDING
LOS MEDANOS COLLEGE

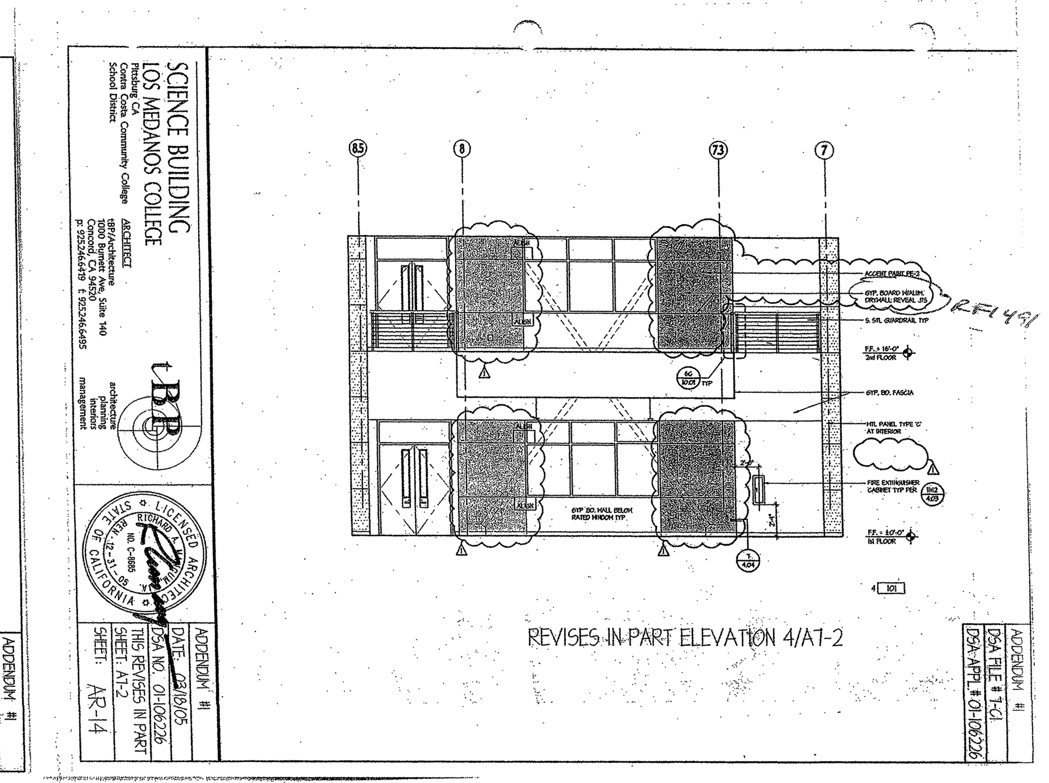
Contra Costa Community College District

tBP project number : 20247.00
file name: A7.1.DWG
drawn by: VL checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
INTERIOR ELEVATIONS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
A7-1





S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Extent of aluminum drywall reveal joints

RFI No: **491**

Reference (dwg, spec.): A7-2, A8-2

Subcontractor RFI:

Reply Requested By: 2/22/07

INFORMATION REQUESTED: **Date:** 2/15/07

Note that interior elevations show aluminum drywall reveal joints the main lobby and also stair #1 and stair #2, however no parameters are given on the "extent" or parameters of how these joints are to terminate. For instance, details 5/A8-2 and 6/A8-3 show the east and west sides of the stair #1 center wall are to receive this feature. Is this reveal to "wrap" around the north and south "sides" of this wall to form a continuous band around all sides?
Similarly, the north wall of lobby 101 as shown on detail 4/A7-2 (as modified by addenda) is to receive these reveal joints, but no information is given for the corners of this wall as it "returns" to the setback walls on either side. Should the reveal "return" to these corners and terminate exactly at these inside corners or should it terminate a few inches from these inside corners or should the reveal terminate a few inches from the outside corners without returning at all?
On the east side of the lobby is the opening for corridor 106. Reveal is shown on either side of the opening. Should it terminate at the opening, a few inches before the opening or should it turn into the opening.
We have reviewed the IRC and Math buildings and see that these types of situations were handled differently in the two buildings. Therefore, please provide the desired parameters so that the installation will be pleasing and in keeping with the building motif and feng-shui.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Justin Warren.

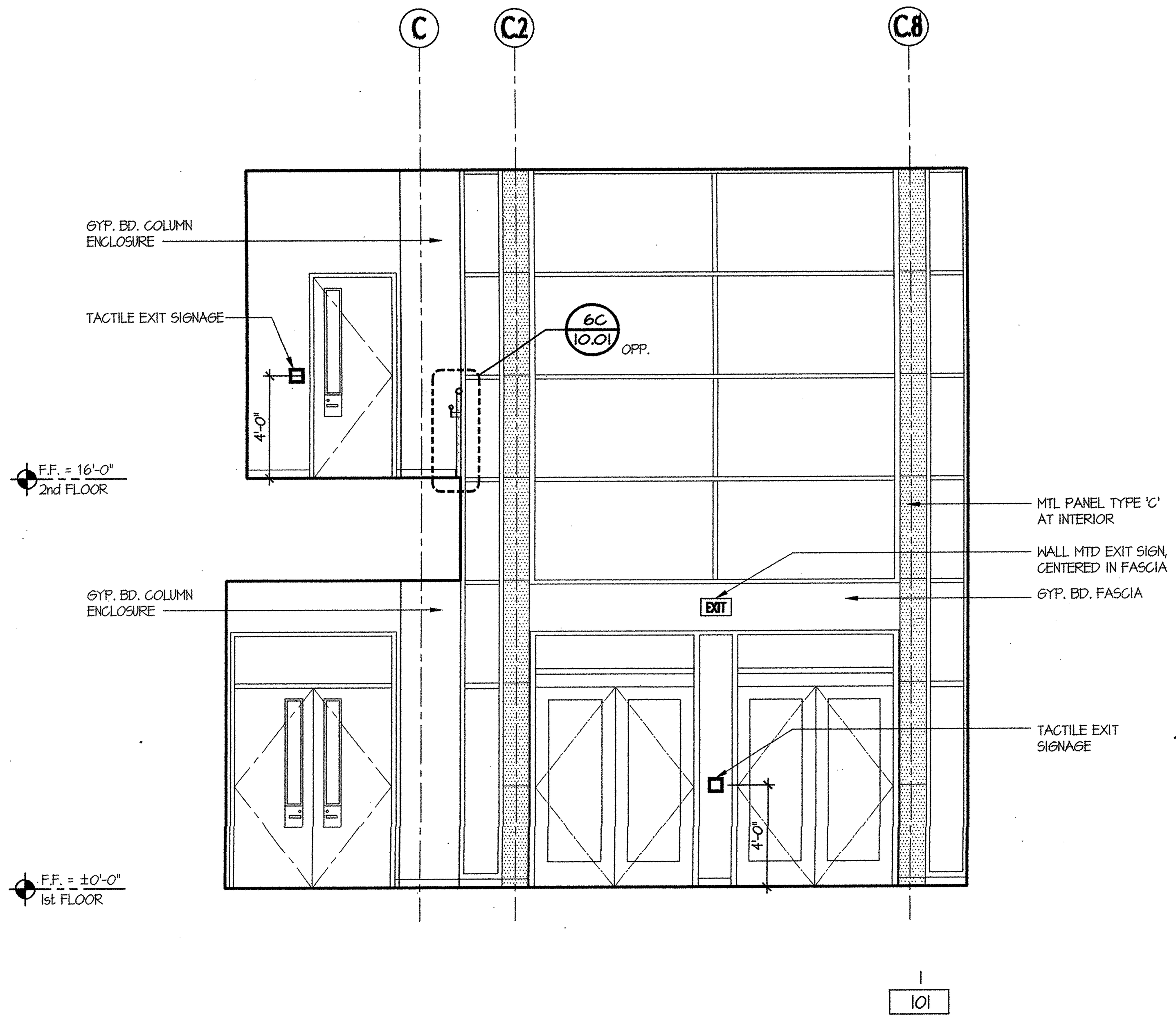
RESPONSE: **DATE:**

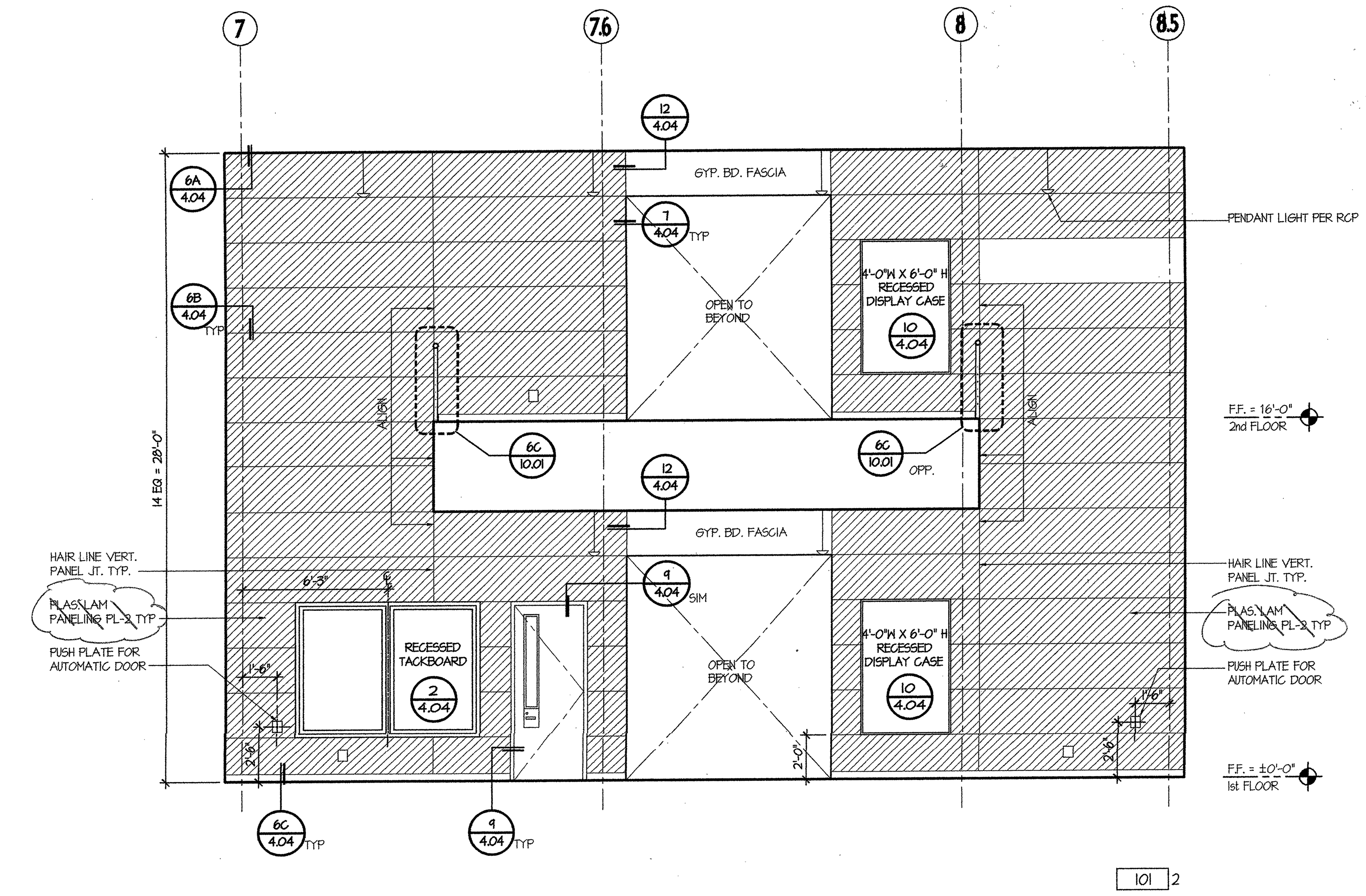
Where reveals are indicated, terminate reveal 3" short of wall corners typical. 1

Jim Weaver / tBP Architecture

3/1/07

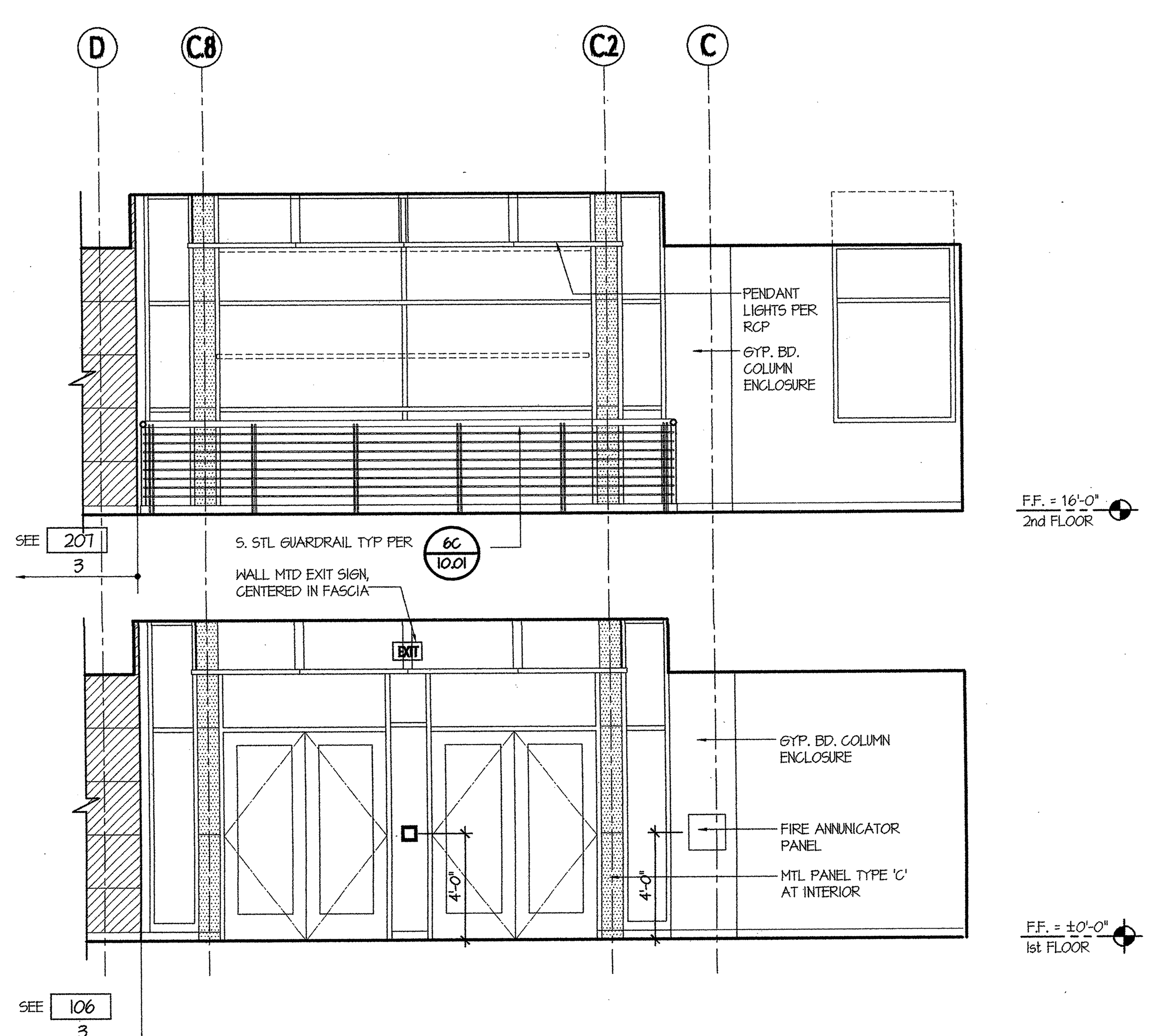
RFI # 000
Page 1

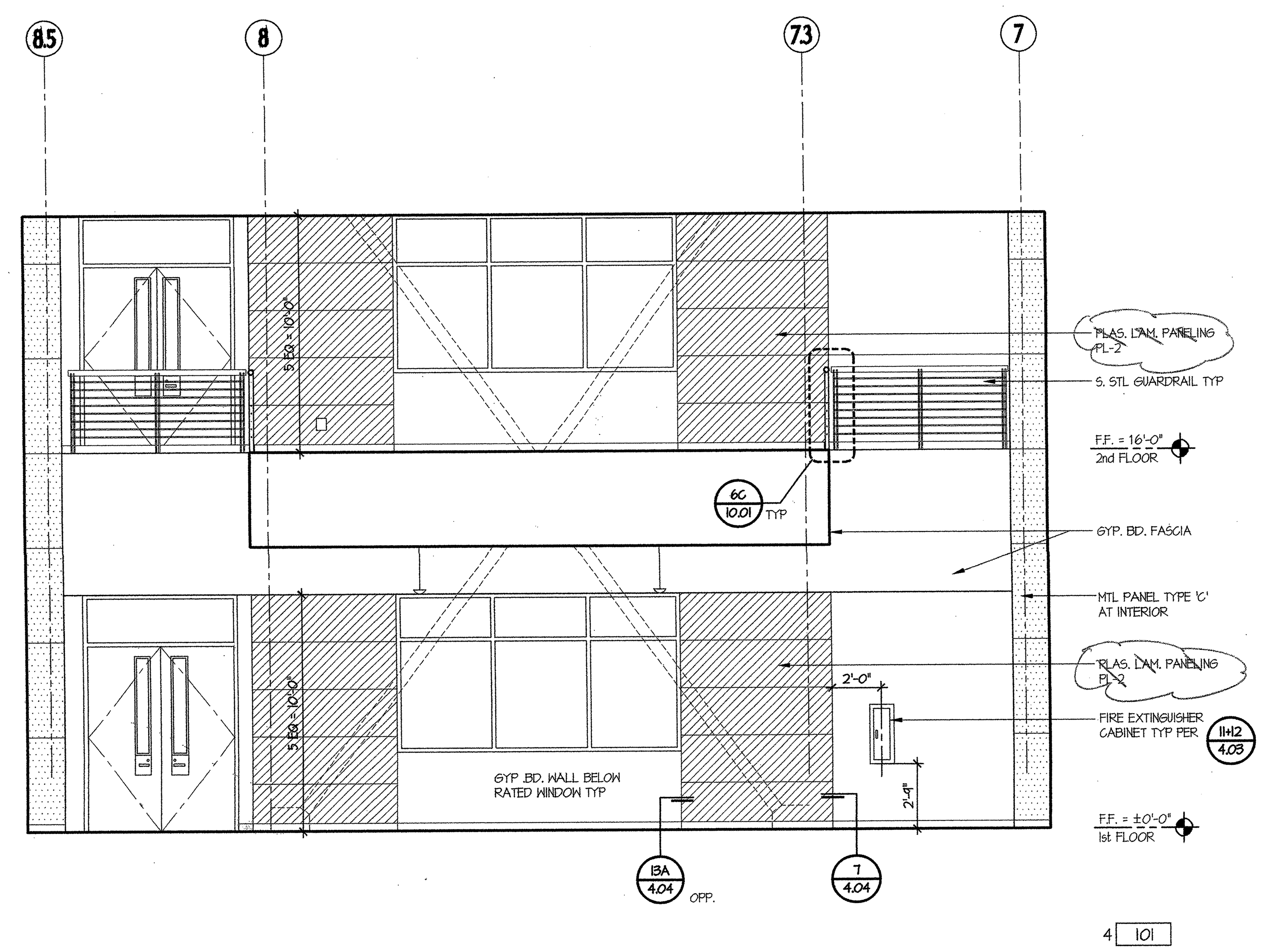




Addendum No. 1

Plastic laminate paneling PL-2 is deleted from project.
Plastic laminate paneling is changed to gyp board with aluminum drywall reveal joints and accent paint PE-2 at elevations 2, 3 and 4 as indicated on AR-13 and AR-14.





ELEVATION LEGEND :

SEE SHEET 9.01 FINISH SCHEDULE FOR ADD'L INFO

METAL PANEL TYPE 'C' AT INTERIOR
FABRIC WRAPPED ACOUSTICAL WALL PANEL AP-1
INTERIOR PAINT COLOR PE-1
INTERIOR ACCENT PAINT COLOR PE-2
WALL TILES GT-1
PLASTIC LAMINATE WALL PANELING PL-2

RM. #101 - SOUTH LOBBY
SCALE: 1/4" = 1'-0"
201/101

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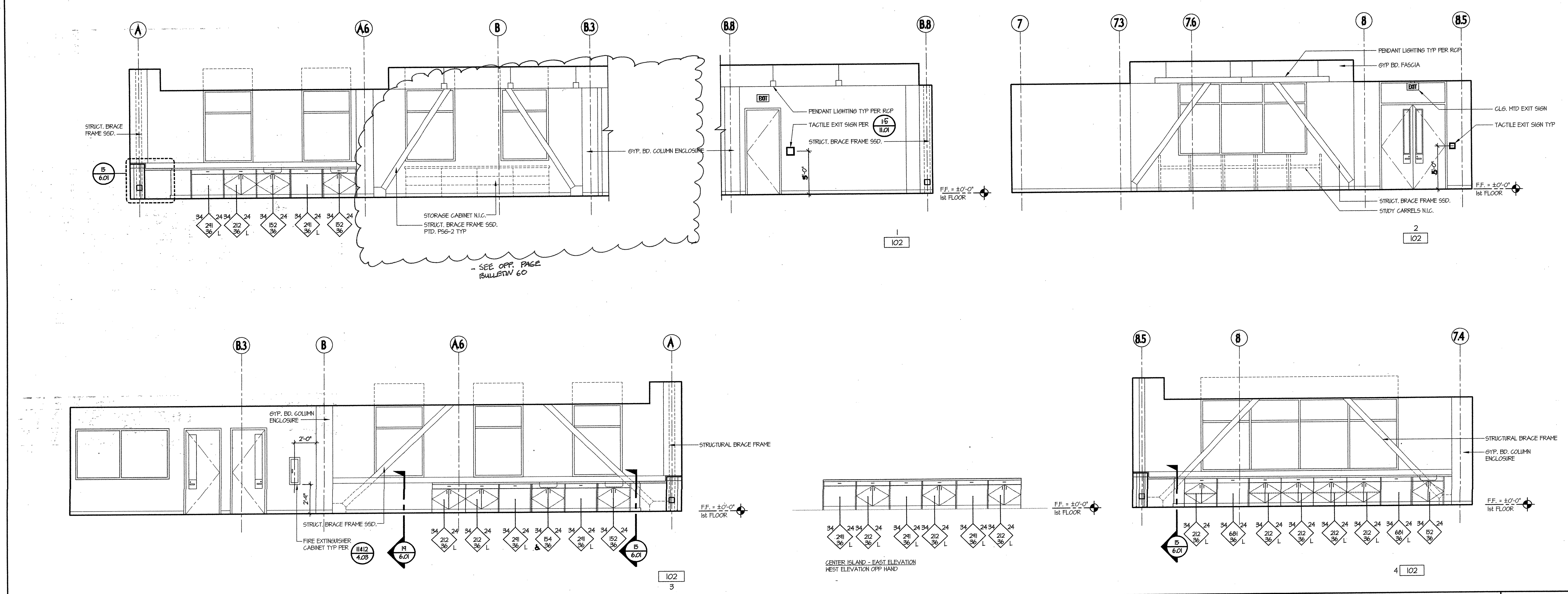
SCIENCE BUILDING
LOS MEDANOS COLLEGE
Contra Costa Community College District

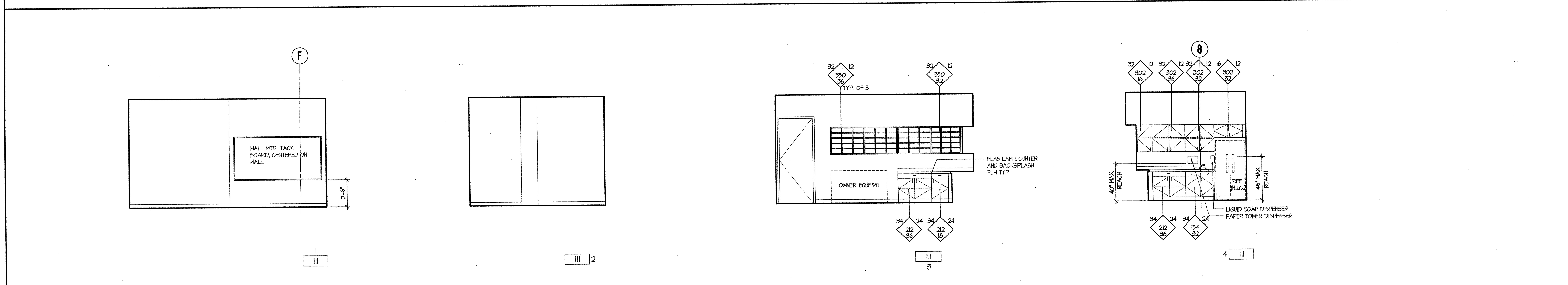
tBP project number : 20247.00
file name: A7.1.DWG
drawn by: VL checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
INTERIOR ELEVATIONS

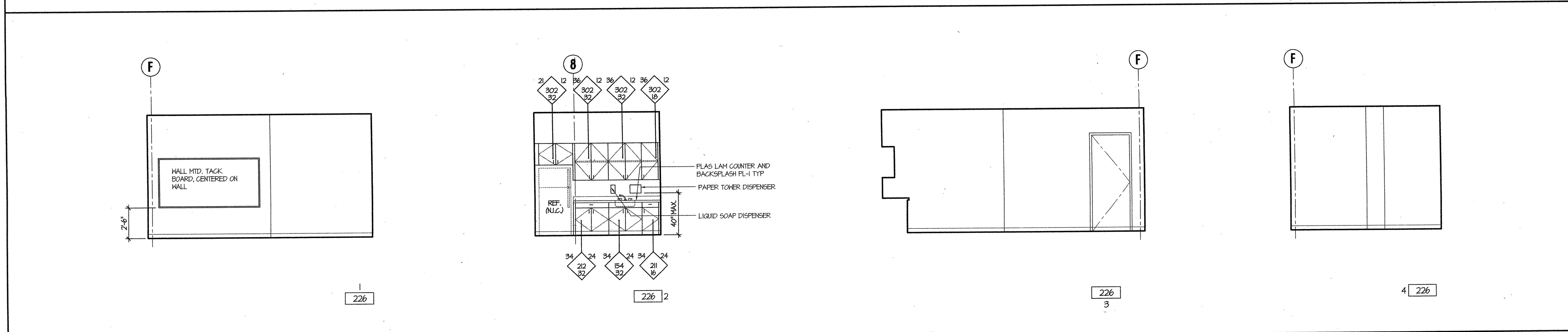
LMC SCIENCE 313-023-11201-0-00.00
drawing no:
A7-2



RM. #102 - AUTO-TUTORIAL CENTER
SCALE: 1/4" = 1'-0"
102



RM. #111 - RESOURCE ROOM
SCALE: 1/4" = 1'-0"
111



RM. #226 - RESOURCES ROOM
SCALE: 1/4" = 1'-0"
226

ELEVATION LEGEND :

SEE SHEET 9.01 FINISH SCHEDULE FOR ADD'L INFO

- METAL PANEL TYPE 'C' AT INTERIOR
- FABRIC WRAPPED ACOUSTICAL WALL PANEL AP-1
- INTERIOR PAINT COLOR PE-1
- INTERIOR ACCENT PAINT COLOR PE-2
- WALL TILES CT-1
- PLASTIC LAMINATE WALL PANELING PL-2

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SCIENCE BUILDING
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Contra Costa Community College District

tBP project number : 20247.00
file name: AT1.DWG
drawn by: VL checked by:
date: NOVEMBER 15, 2004

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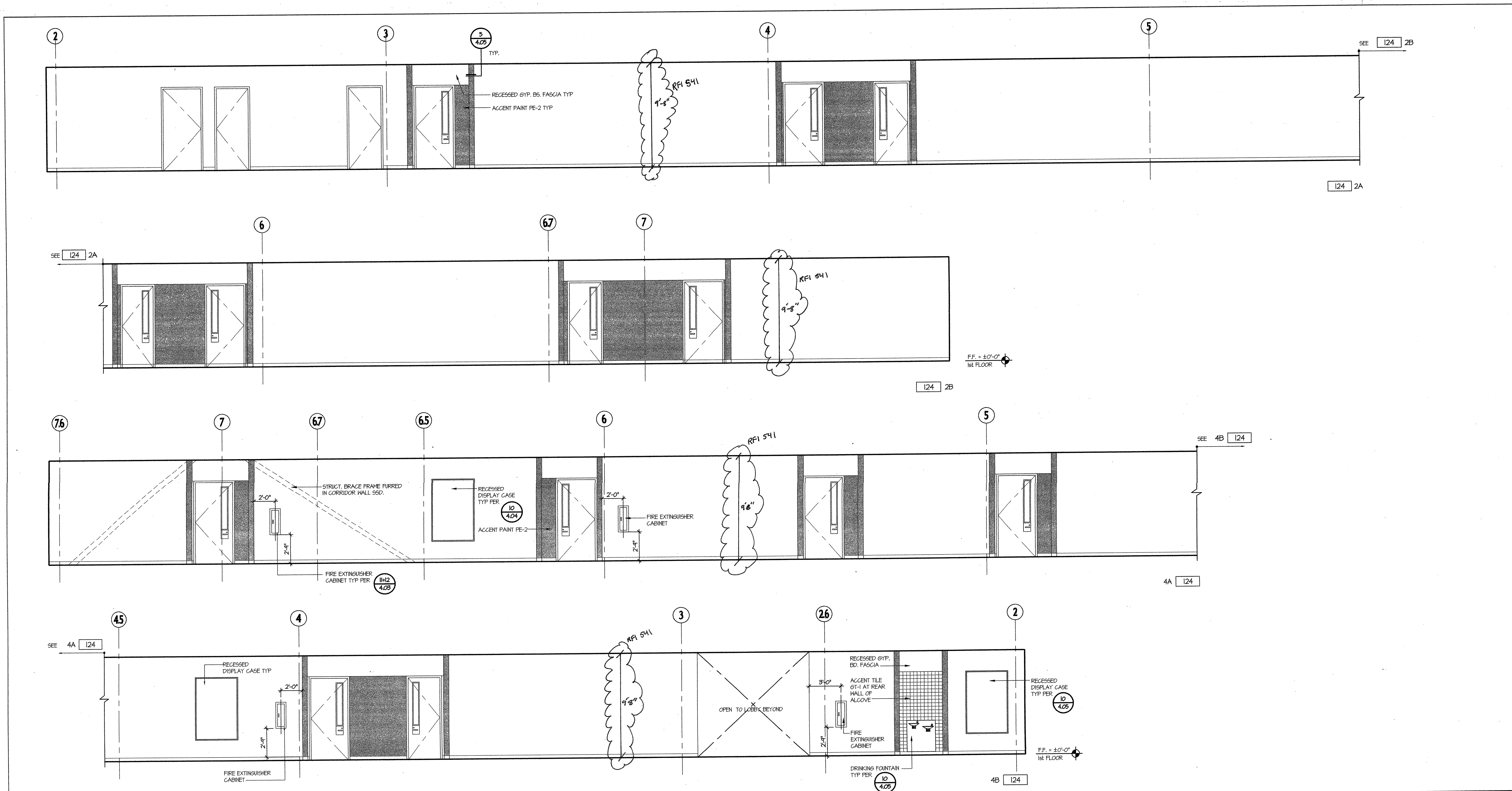
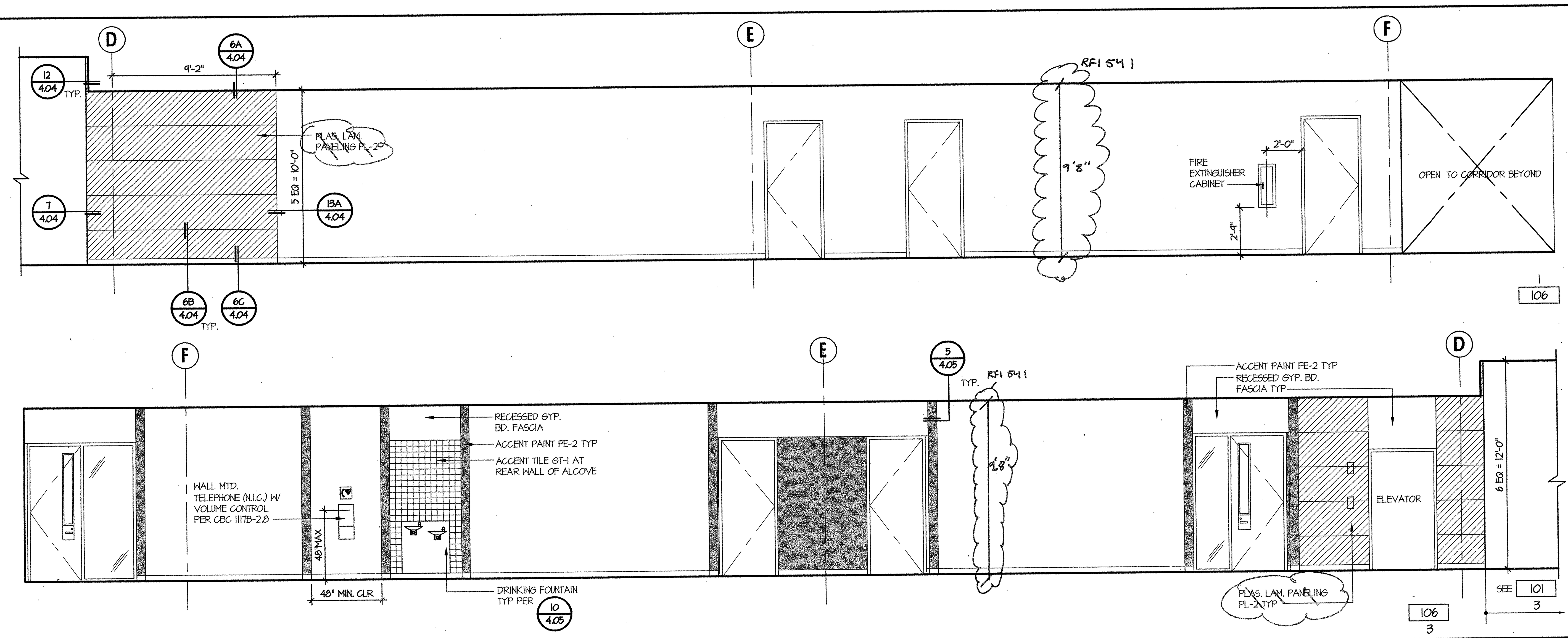
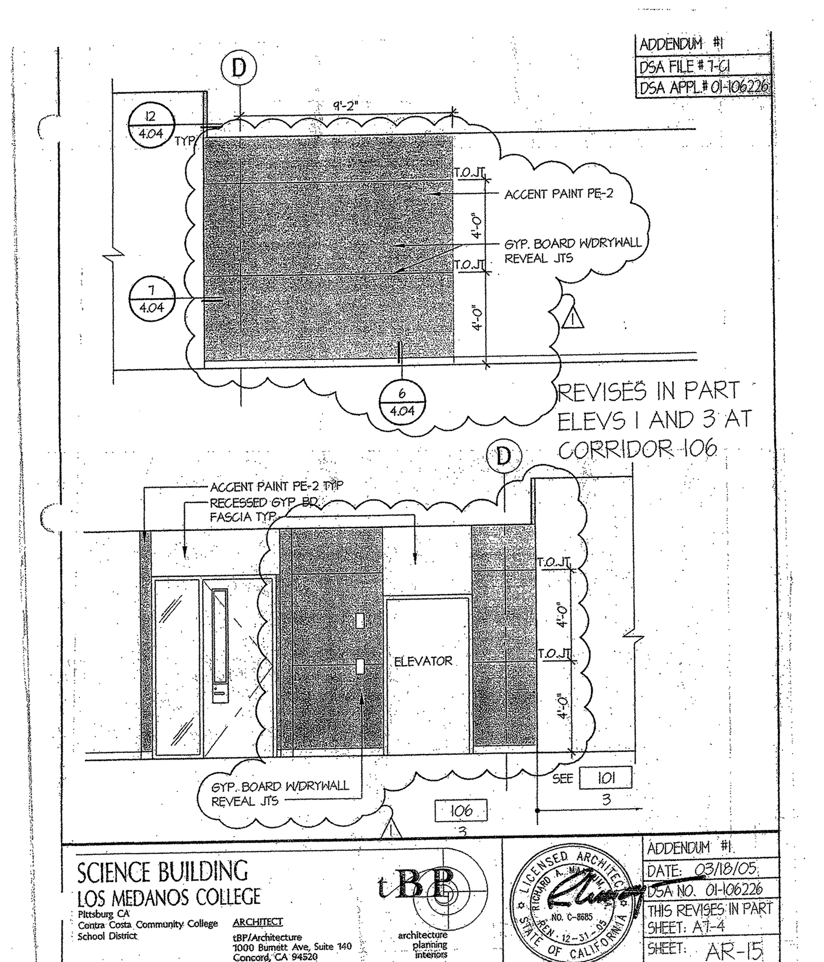
drawing title:
INTERIOR ELEVATIONS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
A7-3



CORRIDOR 124
SCALE: 1/4" = 1'-0"





CORRIDOR 106
SCALE: 1/4" = 1'-0"

ELEVATION LEGEND :

SEE SHEET 9.01 FINISH SCHEDULE FOR ADD'L INFO

- METAL PANEL TYPE 'C' AT INTERIOR
- FABRIC WRAPPED ACOUSTICAL WALL PANEL AP-1
- INTERIOR PAINT COLOR PE-1
- INTERIOR ACCENT PAINT COLOR PE-2
- WALL TILES GT-1
- PLASTIC LAMINATE WALL PANELING PL-2

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LICENSED ARCHITECT RICHARD A. MANGUM, AIA. NO. C-8685 REN. 12-31-05 STATE OF CALIFORNIA

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AC FLS SS
DATE 1-12-05

FILE No. 7-C1

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LOS MEDANOS COLLEGE

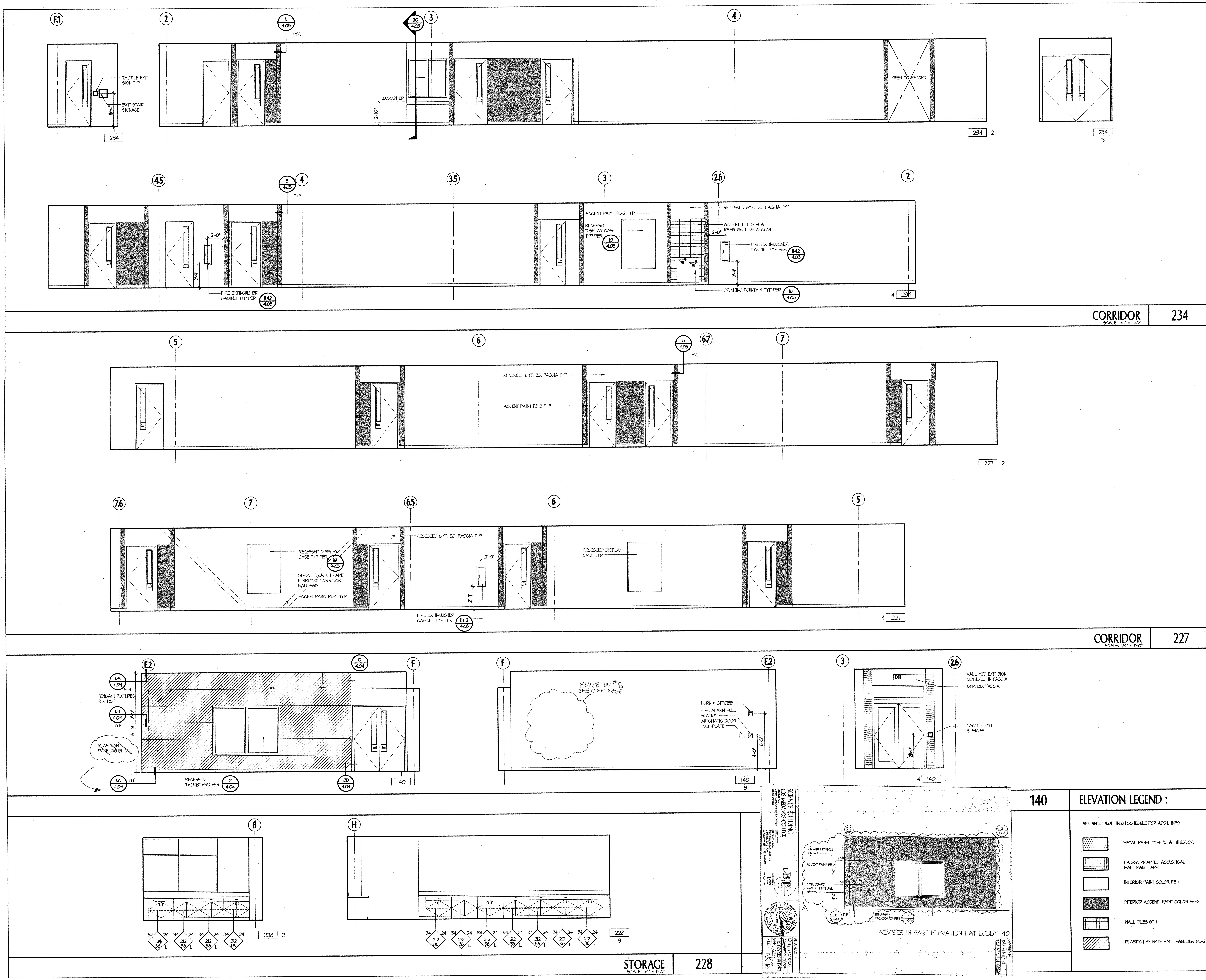
Contra Costa Community College District

tBP project number : 20241.00
file name: A7.4.DWG
drawn by: VL checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
INTERIOR ELEVATIONS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:
A7-4



ELEVATION LEGEND :

SEE SHEET 9.01 FINISH SCHEDULE FOR ADD'L INFO

- METAL PANEL TYPE 'C' AT INTERIOR
- FABRIC WRAPPED ACOUSTICAL WALL PANEL AP-1
- INTERIOR PAINT COLOR PE-1
- INTERIOR ACCENT PAINT COLOR PE-2
- WALL TILES GT-1
- PLASTIC LAMINATE WALL PANELING PL-2

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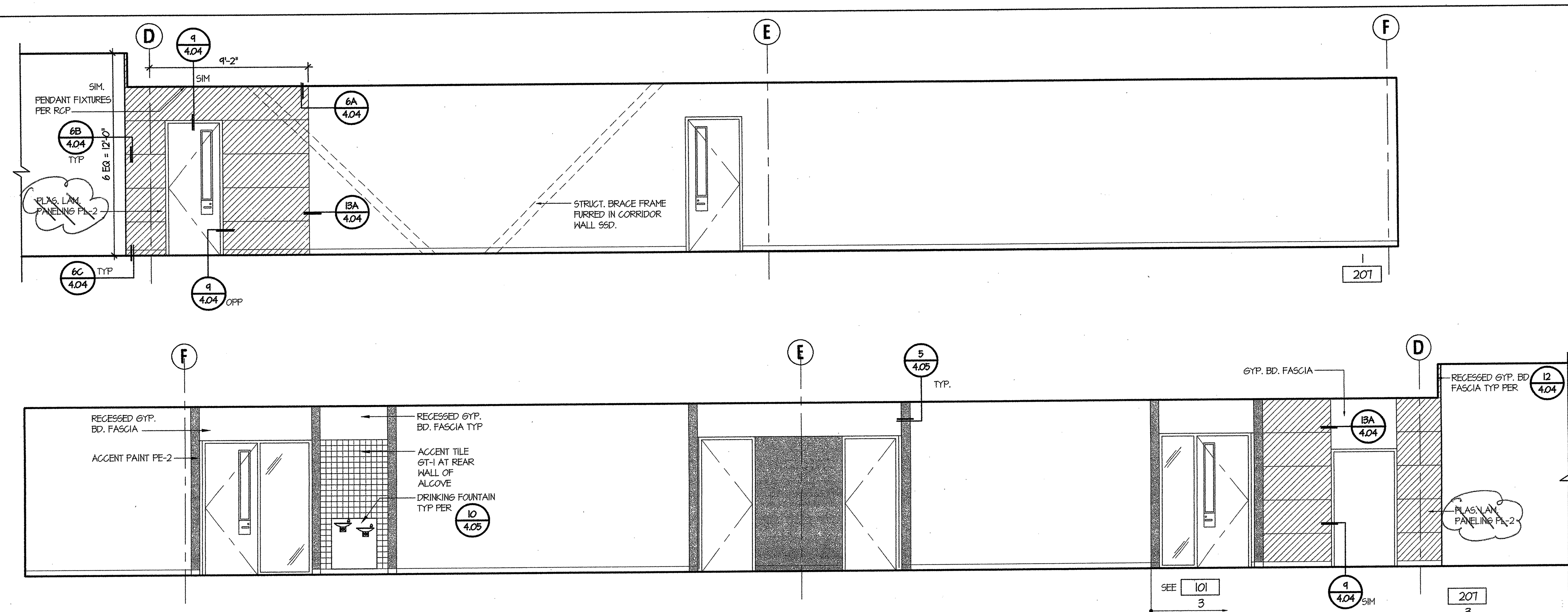
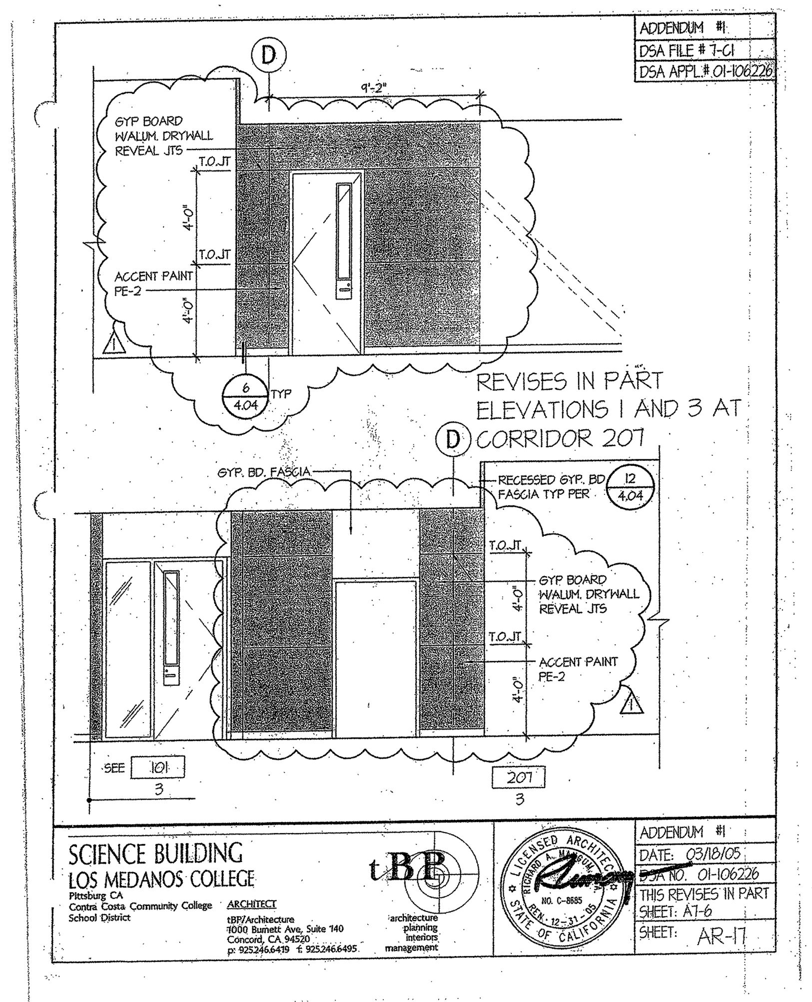
Contra Costa Community College District

tBP project number : 20247.00
file name: A7.5.DWG
drawn by: VL checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

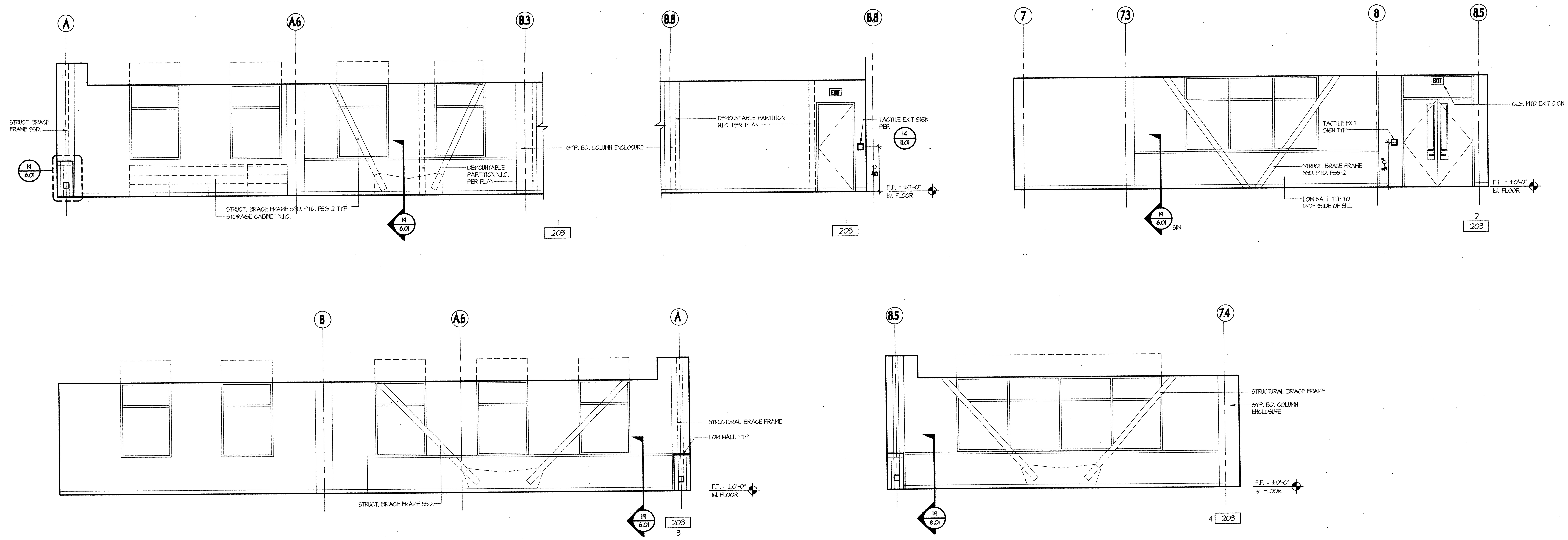
drawing title:
INTERIOR ELEVATIONS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no.: A7-5





CORRIDOR 207
SCALE: 1/4" = 1'-0"



TECH MEDIA CENTER 203
SCALE: 1/4" = 1'-0"

ELEVATION LEGEND :

SEE SHEET 9.01 FINISH SCHEDULE FOR ADD'L INFO

- METAL PANEL TYPE 'C' AT INTERIOR
- FABRIC WRAPPED ACOUSTICAL WALL PANEL AP-1
- INTERIOR PAINT COLOR PE-1
- INTERIOR ACCENT PAINT COLOR PE-2
- WALL TILES GT-1
- PLASTIC LAMINATE WALL PANELING PL-2

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tBP project number : 20247.00
file name: A7.6.DWG
drawn by: VL checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
INTERIOR ELEVATIONS

LMC SCIENCE 313-023-T112.01-0-00.00
drawing no.:
A7-6

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
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Concord, CA 94520

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Dimensions at Corridor on 2/A8-1 Bathroom **RFI No:** **86.1**

Reference (dwg, spec): 2/A8-1 Subcontractor RFI: Dowdle 16

Reply Requested By: 1/17/05

INFORMATION REQUESTED: Date: 1/10/06
As discussed during the January 17, weekly project meeting, please confirm that the revised response to RFI No. 86 is EXACTLY 12 ¾".

SUGGESTED SOLUTION: None.
Cost Impact: ☐ **Schedule Impact:** ☐ days By: Justin Warren

RESPONSE: DATE: 1.27.06
DIMENSION FROM F.3 GRID LINE TO INSIDE FINISH FACE OF WALL ON CORRIDOR SIDE IS 12 3/4".

Attachments: By: C.CHIANG / tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	~~1/10/06~~ 1.23.06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	1.27.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
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Project: LOS MEDANOS COLLEGE
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Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Locations of Bathroom Mirrors **RFI No:** **259**

Reference (dwg, spec.) : A 8-1 Subcontractor RFI:

Reply Requested By: 6/28/06

INFORMATION REQUESTED: Date: 6/21/06

Please provide dimensions for the following mirrors from AFF & from perpendicular walls:
1) On sheet A8-1, Mirror 18Wx36H on South wall in room 136
2) On sheet A8-1, Mirror 18Wx36H on North wall in room 135
3) On sheet A8-1, Mirror 78Wx36H on West wall in room 109
4) On sheet A 8-1, Mirror 18Wx36H on East wall in room 212
5) On sheet A8-1, Mirror 48Wx36H on East wall in room 211

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days By: Bryan Newman

RESPONSE: DATE:

See attached sketches SKA-259.1 and SKA-259.2 for the location of mirrors list above. Note that the mirror sizes listed on line items #3 and 4 is incorrect. The correct mirror sizes for Room 109 and 212 are 48"Wx36"H.

Vanessa Ling/tBP
7/17/06

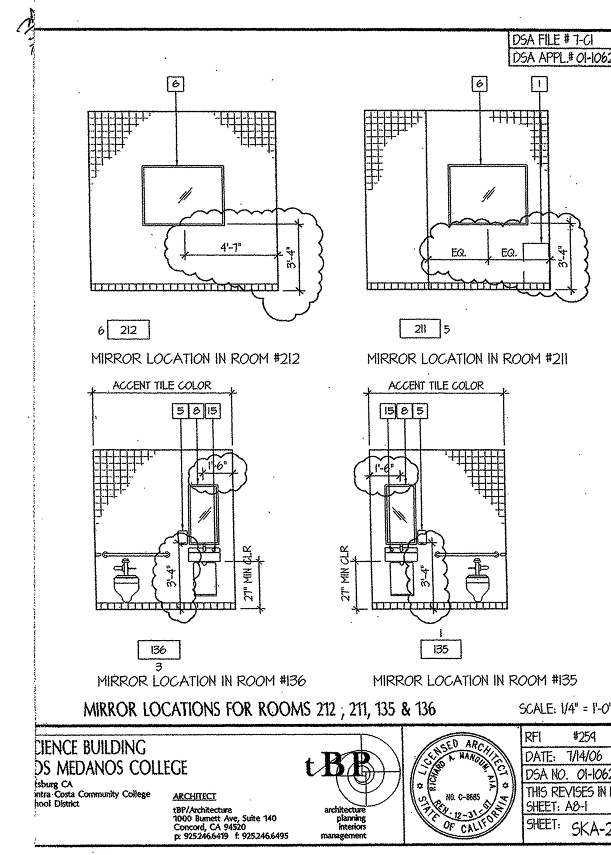
Attachments:
By:

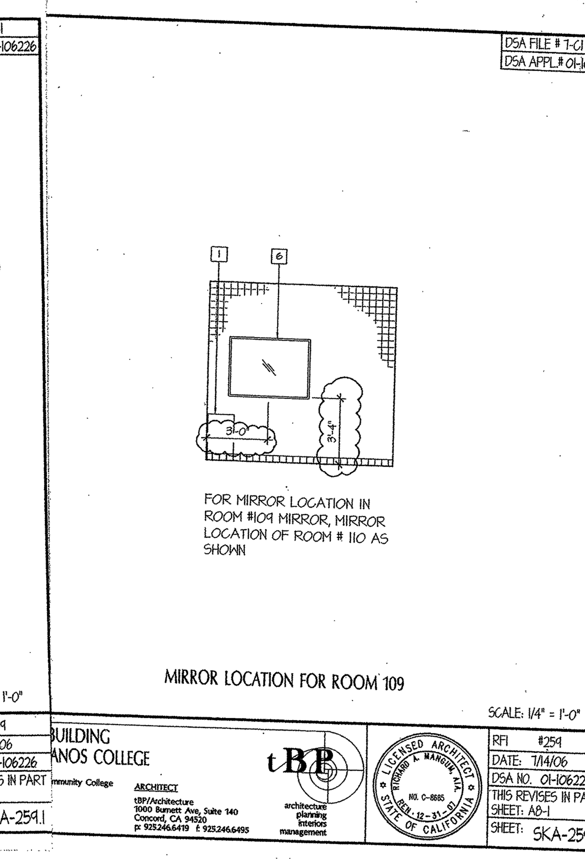
TRANSMITTAL RECORD:

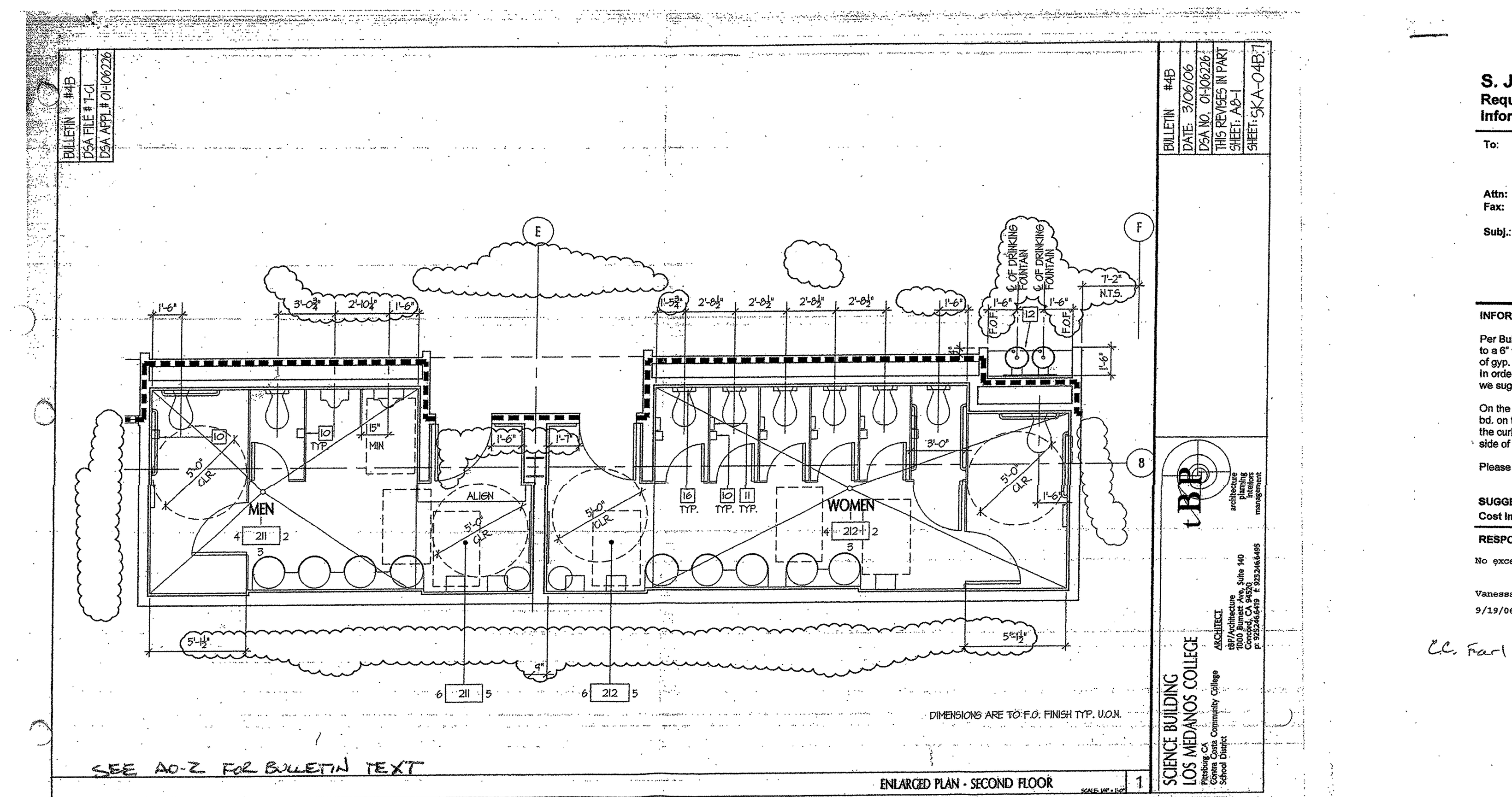
FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	6/21/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

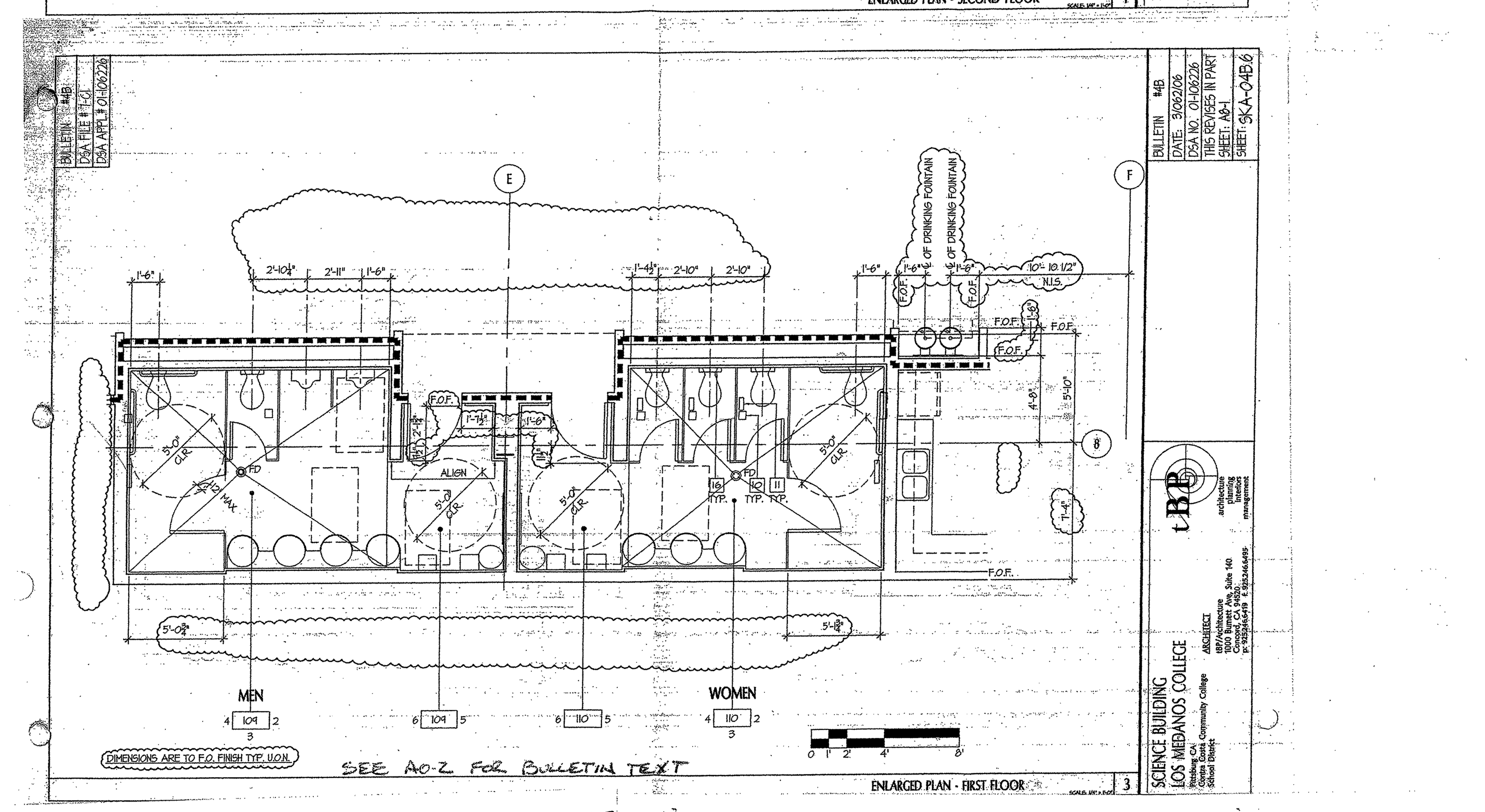
C: WHELAN
: BRYAN

RFI # 000
Page 1









S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
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Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Wall to east side of mens room 136 and womens room 135 **RFI No:** **325**
Reference (dwg, spec.): A0-2, A1-2, Bulletin 4B Subcontractor RFI:

Reply Requested By: 8/24/06

INFORMATION REQUESTED: Date: 8/18/06

Per Bulletin 4B, the curb for the east wall of mens room 136 and womens room 135 was changed to a 6" wide curb. Per sheet A1-1, this wall is a type 6A wall which is 4" metal studs with 2 layers of gyp. bd. on each side and one layer of cement board on the restroom side.
In order construct this wall on the 6" wide curb in lieu of the 4" wide curb shown for this wall type, we suggest the following:

On the restroom side- only the cement boards runs down past face of curb. The 2 layers of gyp. bd. on this side of the wall rest on the curb, 4" studs are installed , one layer of gyp bd. rests on the curb and the outboard layer of gyp bd runs past face of curb on the controlled environment side of the wall.

Please confirm.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days By: Justin Warren

RESPONSE: DATE:

No exception taken to the proposed solution noted above.

Vanessa Ling/tBP
9/19/06

CC. Earl Concord Dy

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
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Project: LOS MEDANOS COLLEGE
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Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Toilet Accessories **RFI No:** **262**

Reference (dwg, spec.) : A 8-1 Subcontractor RFI:

Reply Requested By: 6/29/06

INFORMATION REQUESTED: Date: 6/22/06

Please provide data with backing and ruff opening as needed:
-Trash Can 15" NIC
-Paper Towel Dispenser, Surface Mounted OFCI
-Soap Dispenser OFCI

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days By: Bryan Newman

RESPONSE: DATE:
See attached SKA-262.1 and SKA-262.2 for locations of Paper Towel Dispensers, and Soap Dispensers. See sheet A8-1 for "Toilet Accessories Mounting Height". Note that Trash cans are free standing. There is no backing needed for trash cans.
Vanessa Ling/tBP
7/17/06

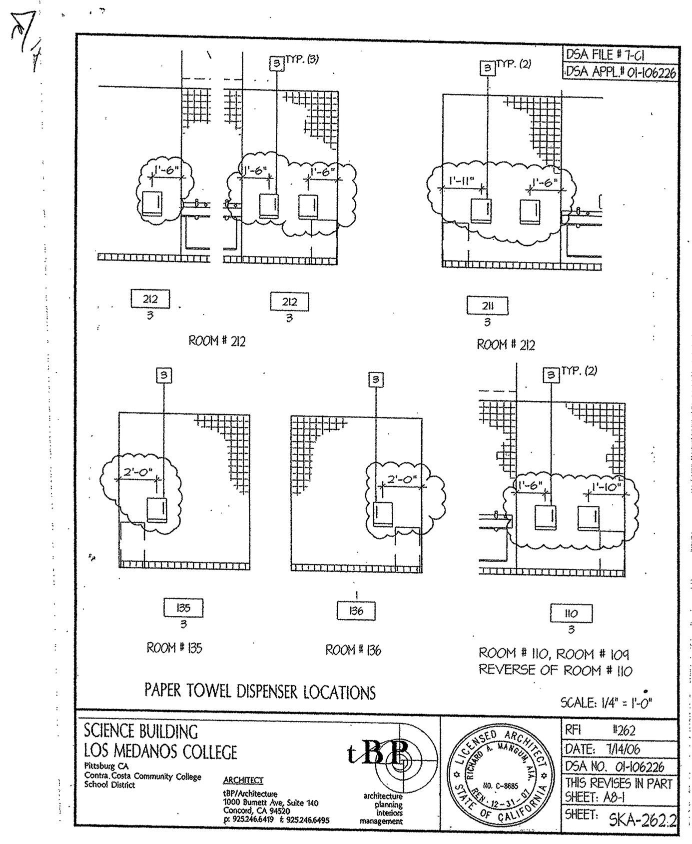
Attachments:
By:

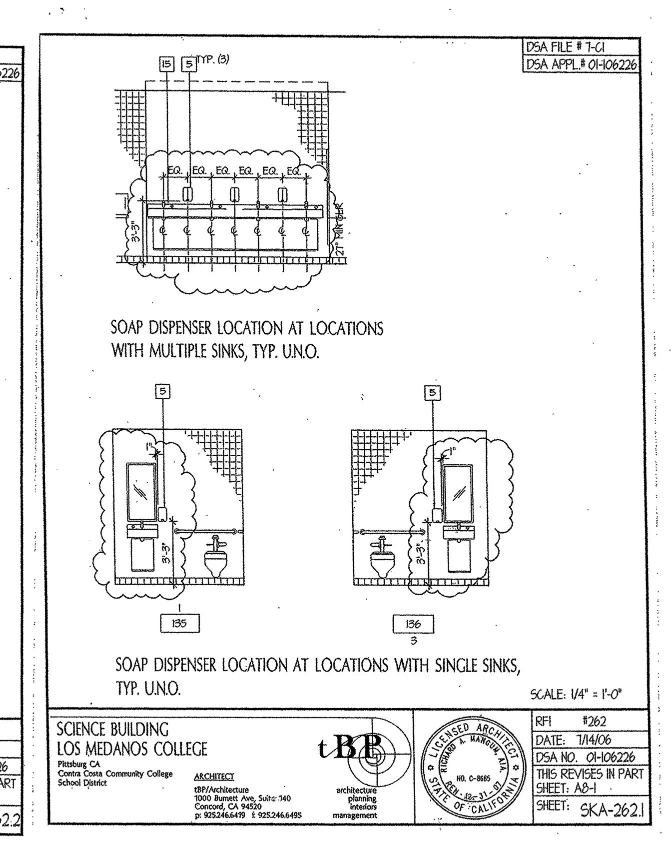
TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	6/22/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

CC: BRYAN

RFI # 000
Page 1





S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Location of toilet seat cover dispensers in Woman's restroom 212 **RFI No:** **458**
Reference (dwg, spec.): A2-2, A8-1 Subcontractor RFI:

Reply Requested By: 1/5/06

INFORMATION REQUESTED: Date: 1/3/06

Currently the contract documents show the toilet seat covers for the 2nd floor women's restroom to be on the wall behind the toilet. All other restrooms have these devices on the toilet partition walls. Locating toilet seat covers on the wall behind the toilet causes conflict with the in-wall electrical sensors to activate flushing of the toilets. Therefore, in room 212 is it acceptable to install these devices on the toilet partitions similar to other restrooms?

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days By: Bryan Newman

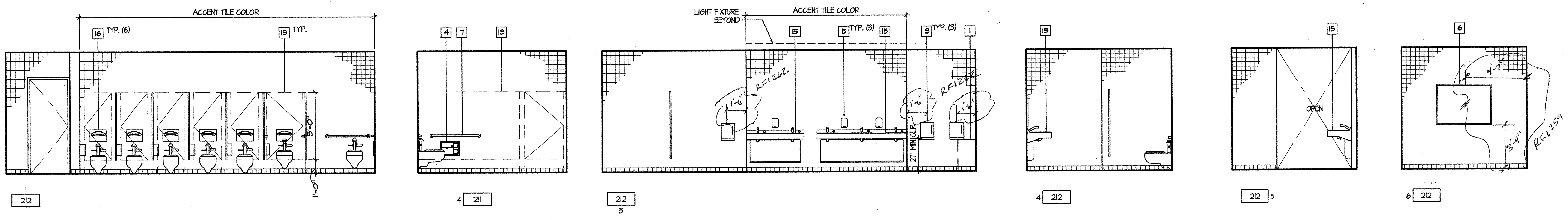
RESPONSE: DATE:

The seat cover dispensers are indicated to mount at rear of all non accessible stalls. 1
Due to the above stated conflict with the sensors, mount seat cover dispensers at the required mounting height but on same partition and behind (toward rear of stall) the toilet tissue dispenser.
Dispensers at accessible stalls remain as indicated.

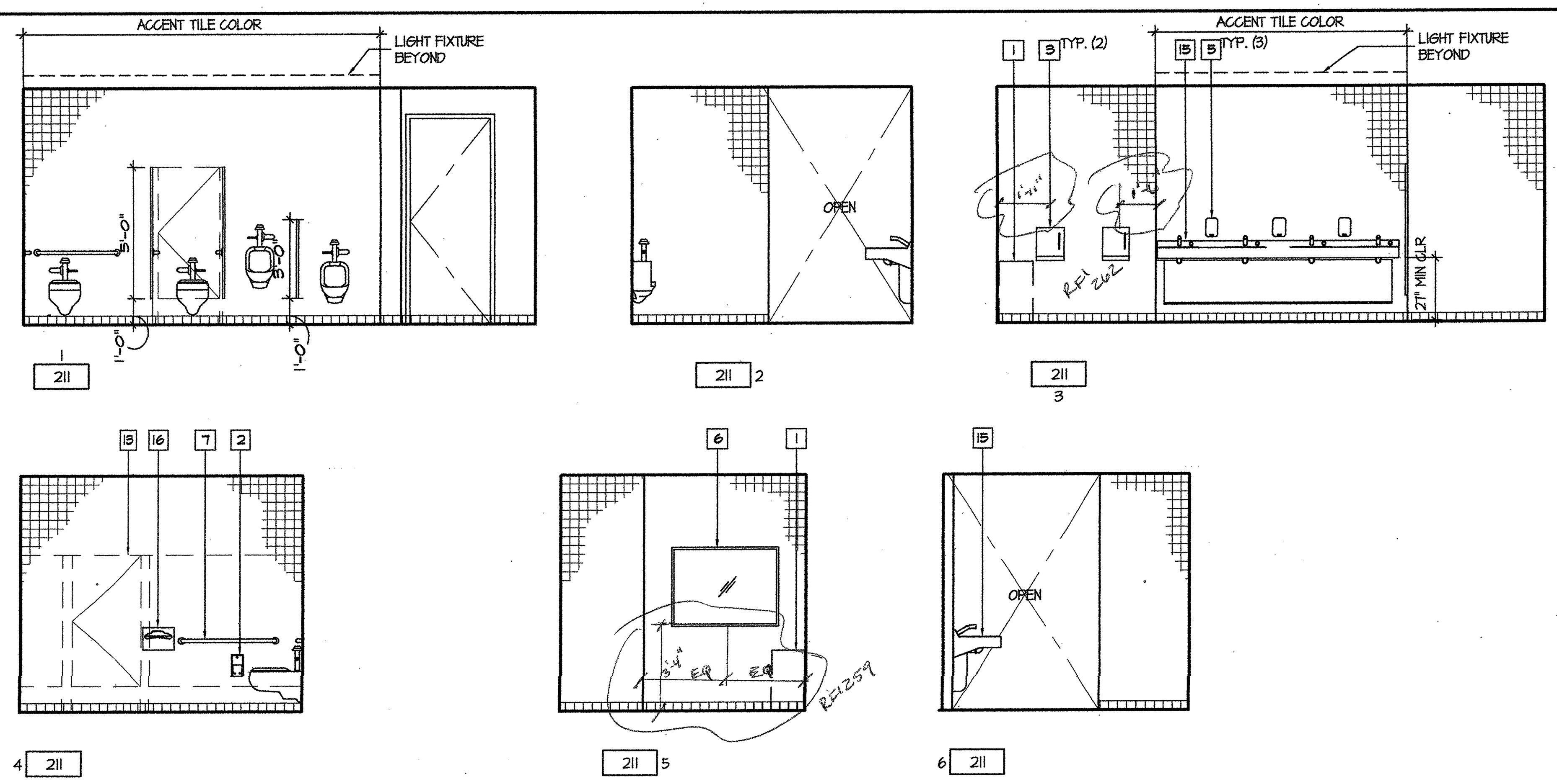
Jim Weaver / tBP Architecture

1/10/07

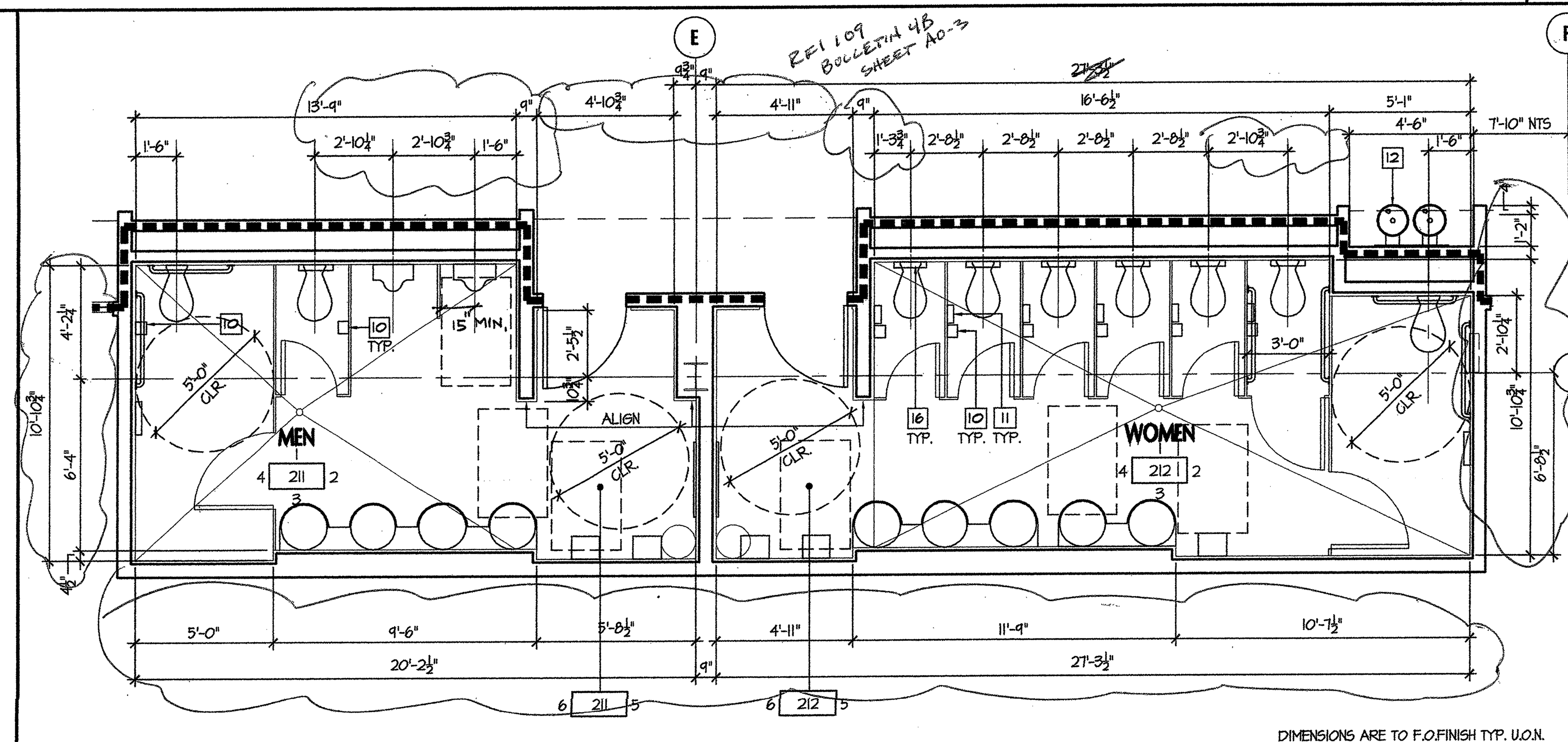
RFI # 000
Page 1



ELEVATIONS - WOMEN'S RESTROOM 212
SCALE: 1/4" = 1'-0"



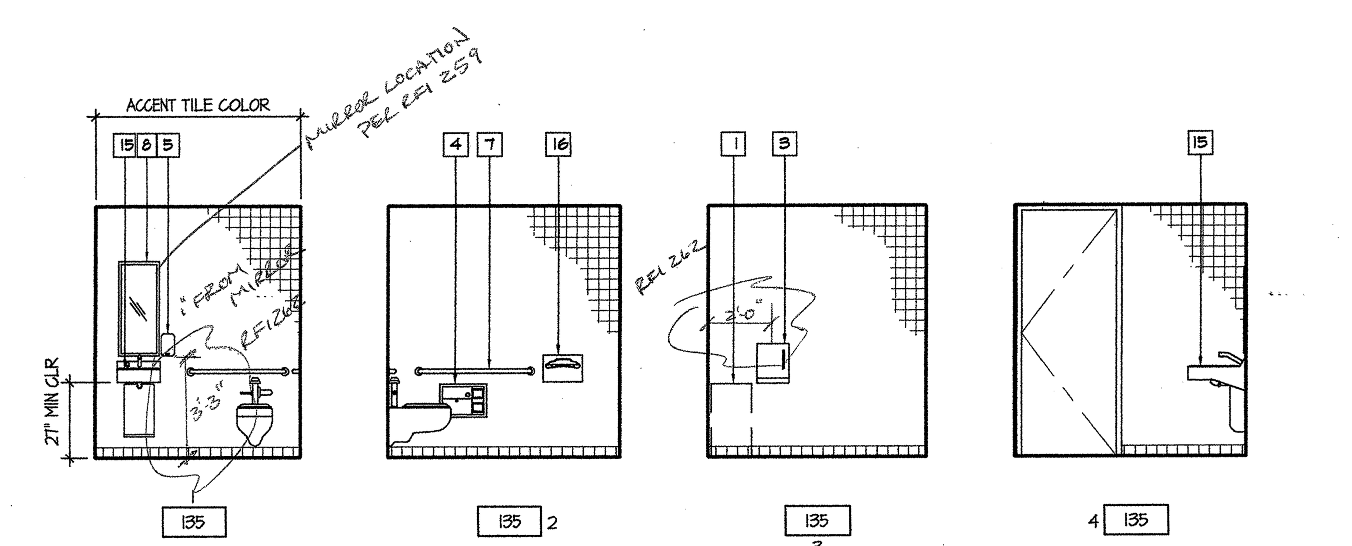
ELEVATIONS - #109 AND #221 MEN'S RESTOOM 109/211
SCALE: 1/4" = 1'-0"



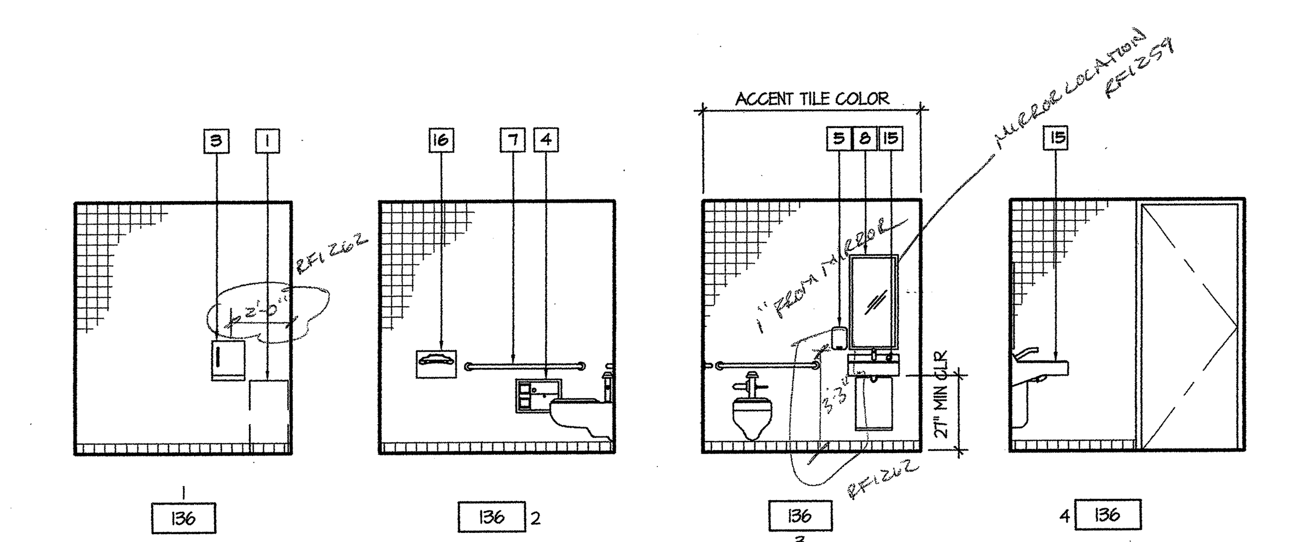
DIMENSIONS ARE TO F.O.FINISH TYP. U.O.N.

ALL CHANGES BULLETIN 4B

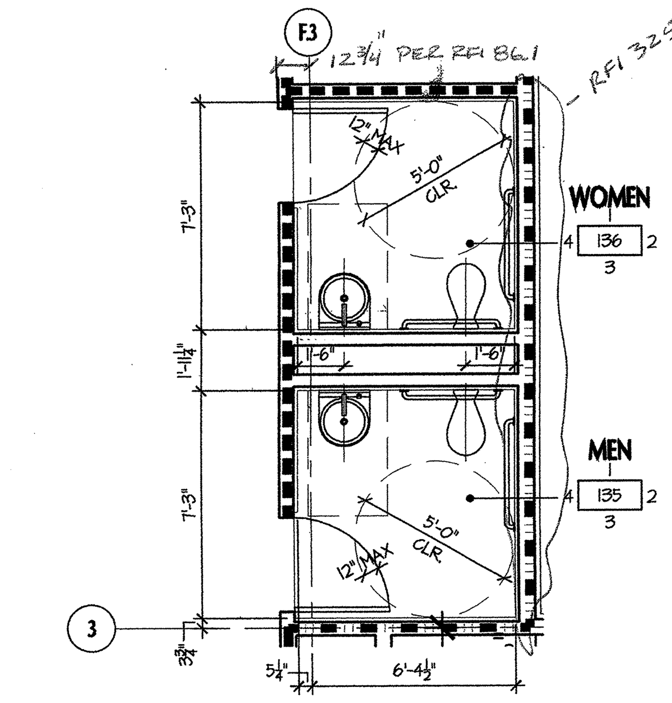
SECOND FLOOR ENLARGED RESTROOM PLAN 1
SCALE: 1/4" = 1'-0"



ELEVATIONS - #135 MEN'S RESTROOM 135
SCALE: 1/4" = 1'-0"



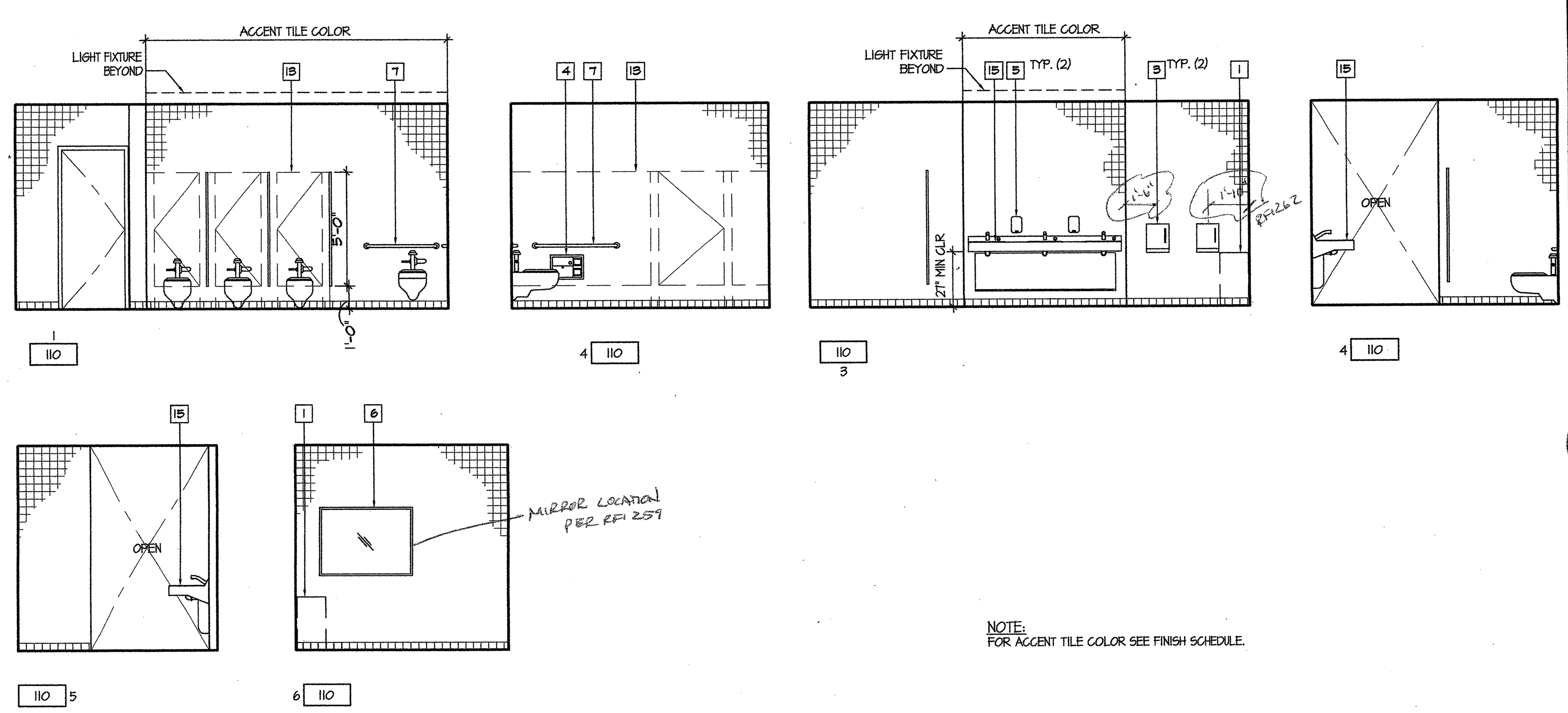
ELEVATIONS - #136 WOMEN'S RESTROOM 136
SCALE: 1/4" = 1'-0"



DIMENSIONS ARE TO F.O.FINISH TYP. U.O.N.

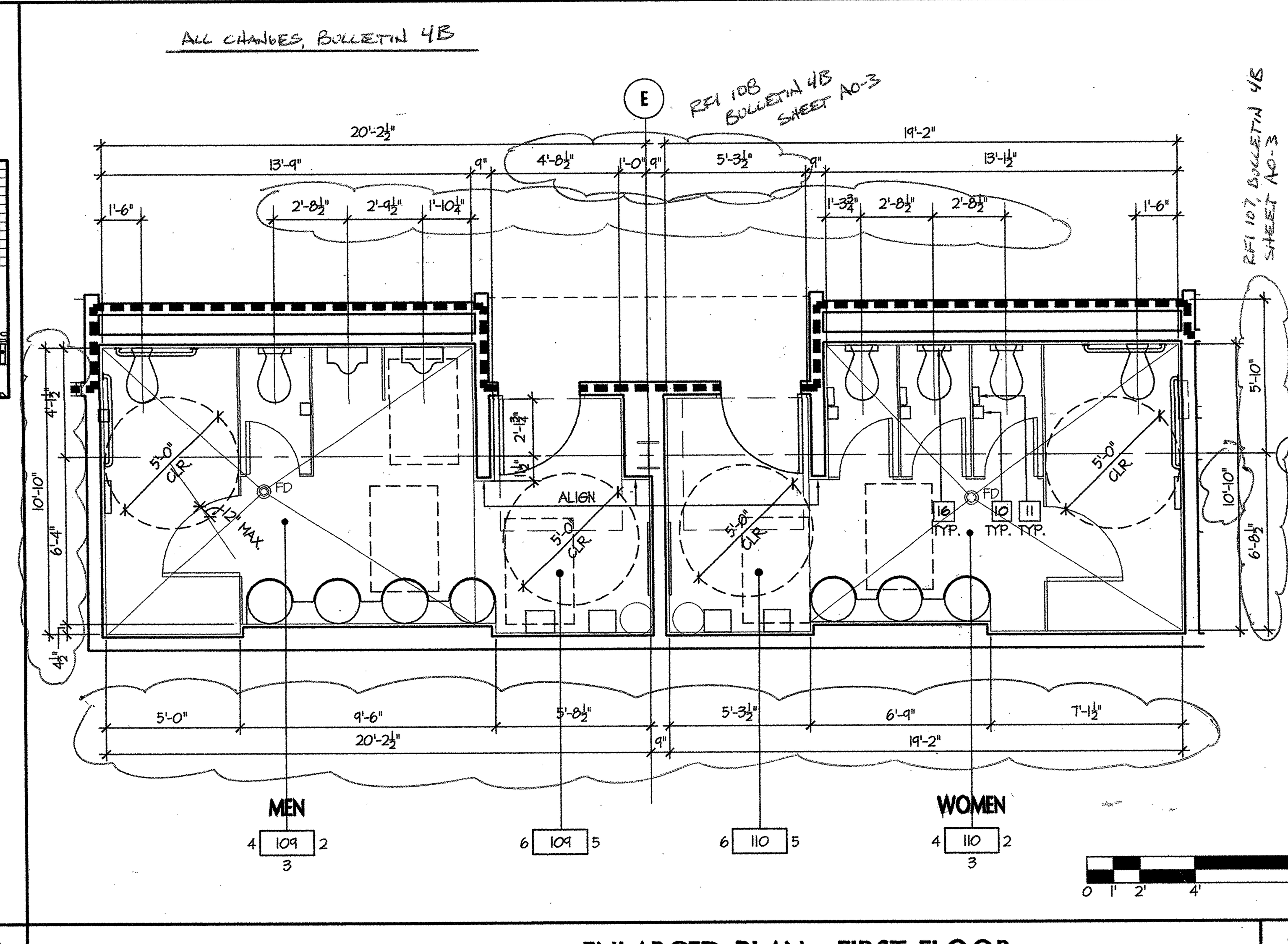
FIRST FLOOR ENLARGED RESTROOM PLAN 2
SCALE: 1/4" = 1'-0"

ALL CHANGES, BULLETIN 4B



NOTE:
FOR ACCENT TILE COLOR SEE FINISH SCHEDULE.

ELEVATIONS - WOMEN'S RESTROOM 110
SCALE: 1/4" = 1'-0"



ENLARGED PLAN - FIRST FLOOR 3
SCALE: 1/4" = 1'-0"

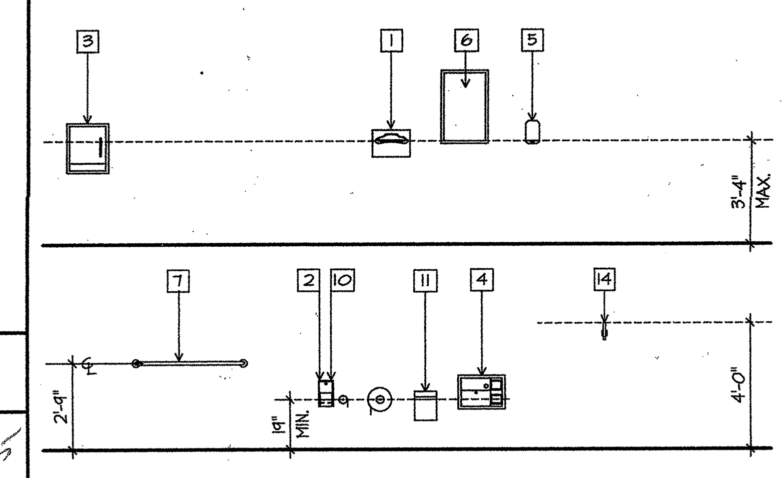
TOILET ACCESSORY KEYNOTES

1. TRASH CAN 15"Φ - N.I.C.
2. TOILET TISSUE DISPENSER, RECESSED MAX 3" PROJECTION
3. PAPER TOWEL DISPENSER, SURFACE MOUNTED O.F.C.I.
4. SANITARY NAPKIN DISPOSAL & TOILET TISSUE DISPENSER, RECESSED MAX 3" PROJECTION
5. SOAP DISPENSER, O.F.C.I.
6. MIRROR 48"W X 36"H
7. GRAB BAR
8. MIRROR 18W x 36H
9. NOT USED
10. TOILET TISSUE DISPENSER, SURFACE MOUNTED O.F.C.I.
11. SANITARY NAPKIN DISPOSAL, SURFACE MOUNTED O.F.C.I.
12. DRINKING FOUNTAIN
13. SOLID CORE REST ROOM PARTITIONS AND DOORS
14. DOOR MOUNTED COAT HOOK AND BUMPER 48" A.F.F.
15. SINK UNIT (ADA ACCESSIBLE)
16. SEAT COVER DISPENSER, SURFACE MOUNTED O.F.C.I.

- ALL ACCESSORIES LOCATED IN ACCESSIBLE STALLS MAY PROJECT 3" MAX. FROM WALL

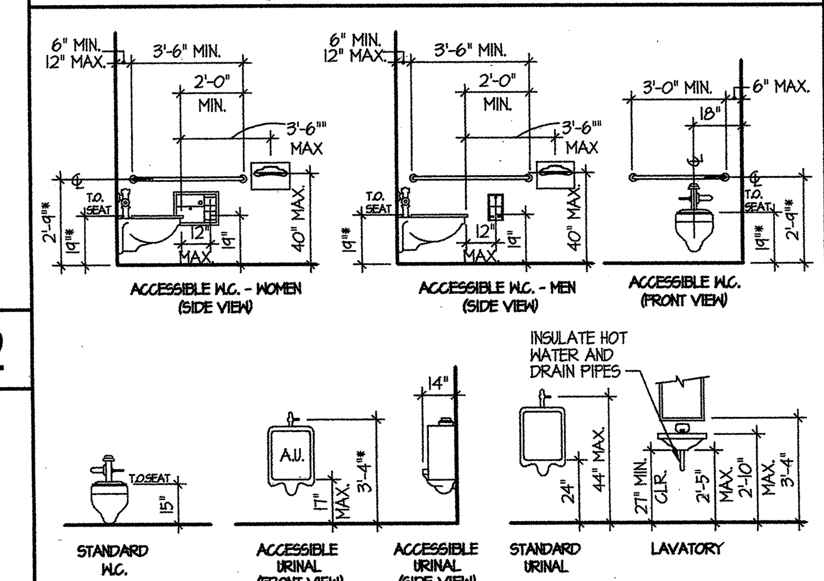
TOILET SEAT COVER LOCATIONS PER RFI 458

TOILET ACCESS. MOUNTING HEIGHTS



- MOUNTING HEIGHTS SHOWN ARE TYPICAL UNLESS NOTED OTHERWISE
- FLUSH VALVE IS TO BE ON WIDE SIDE
- ALL HOT WATER AND DRAINPIPES MUST BE INSULATED OR OTHERWISE COVERED
- SEE PLUMBING DWGS FOR CLEAN-OUT LOCATION
- ALL ACCESSORIES ARE TO BE DISABLED ACCESSIBLE WITH A MAXIMUM REACH HT. OF 40" (3'-4") A.F.F.
- SLOPE FLOORS 1/8" PER FOOT MIN. & 1/4" PER FOOT MAX., U.N.O.
- THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES
- SEE DETS. 16,17,18/4.02 FOR BACKING PLATE DETAILS
- SEE ENLARGED TOILET PLAN & INTERIOR ELEVATION DWGS. FOR TOILET ACCESSORY LOCATIONS
- SEE 16,17,18/4.02 FOR BACKING SEE 3/4.03 FOR RECESSED MOUNTING DETAIL
- TOILET TISSUE DISPENSER & SANITARY NAPKIN DISPENSER TO PROJECT MAX 3" FROM WALL

TOILET FIXTURE MOUNTING HEIGHTS



*CLEARANCES OF FIXTURES AND ACCESSORIES TO FINISHED SURFACE VARIES PER TABLE

TOILET CENTERLINE FROM WALL	18"
TOILET SEAT HEIGHT (AT SEAT LID)	17"-19"
GRAB BAR HEIGHT (SIDE)	33"
TOILET PAPER IN FRONT OF TOILET	12" MAX.
NAPKIN DISPOSAL IN FRONT OF TOILET	12" MAX.
DISPENSER OR MIRROR HEIGHT	40" MAX.
LAVATORY/SINK TOP HEIGHT	34" MAX.
LAVATORY/SINK KNEE CLEARANCE	29" MAX.
URINAL LIP HEIGHT	17" MAX.
URINAL FLUSH HANDLE HEIGHT	44" MAX.
DRINKING FOUNTAIN BUBBLER HEIGHT	36" MAX.
DRINKING FOUNTAIN KNEE CLEARANCE	27" MIN.
RAMP/STAIR HANDRAIL HEIGHT	34"-38"
COUNTERTOPS	34" MAX.

PROVIDE CARRIERS, BACKING AND ANCHORAGE AS RECOMMENDED BY FIXTURE MFR

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APP. NO. 01-108226

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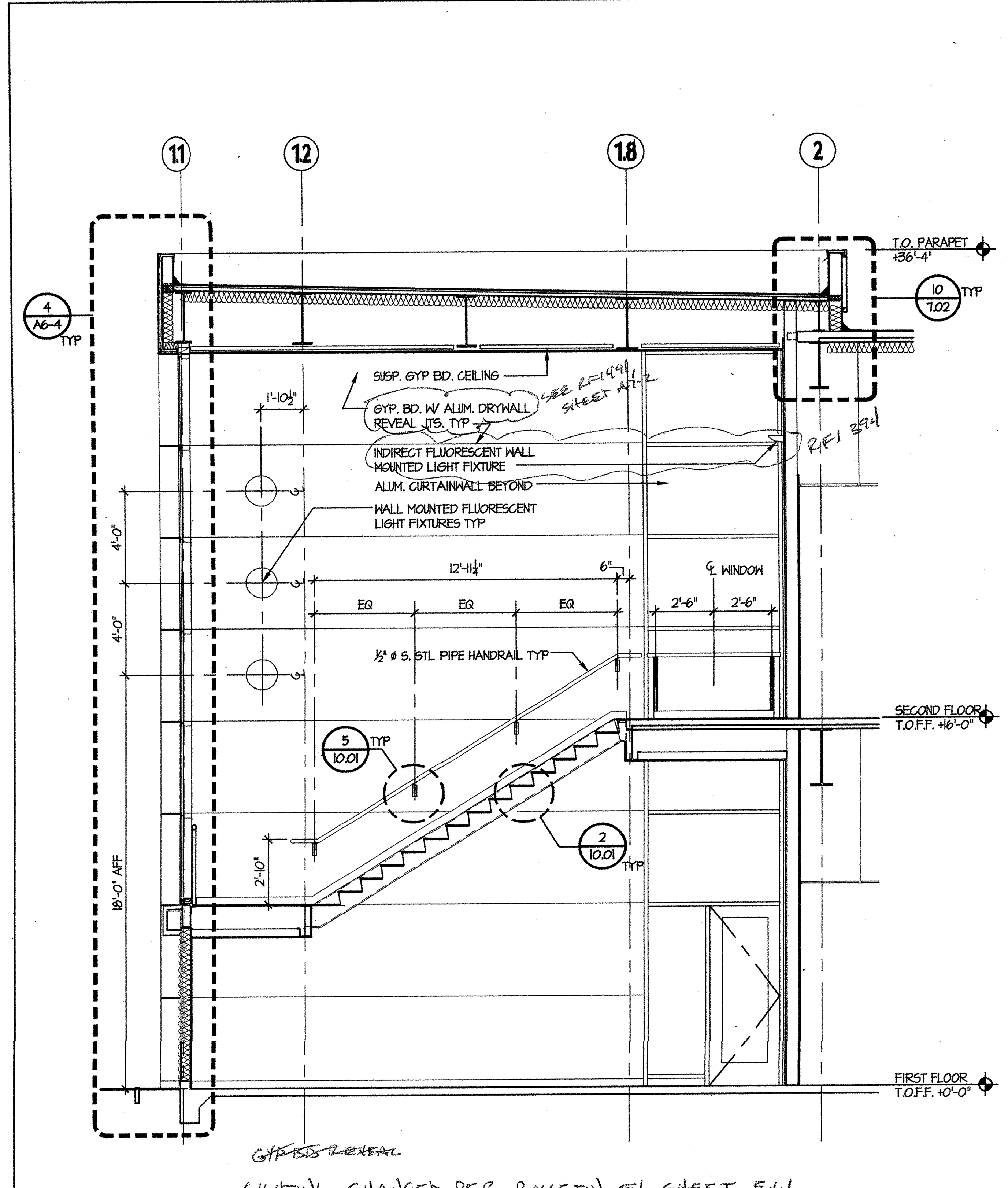
Contra Costa Community College District

tBP project number : 20241.00
file name: A-8.1
drawn by: checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
ENLARGED TOILET PLANS AND ELEVATIONS
LMC SCIENCE 313-023-112.01-0-00.00
drawing no.: A8-1



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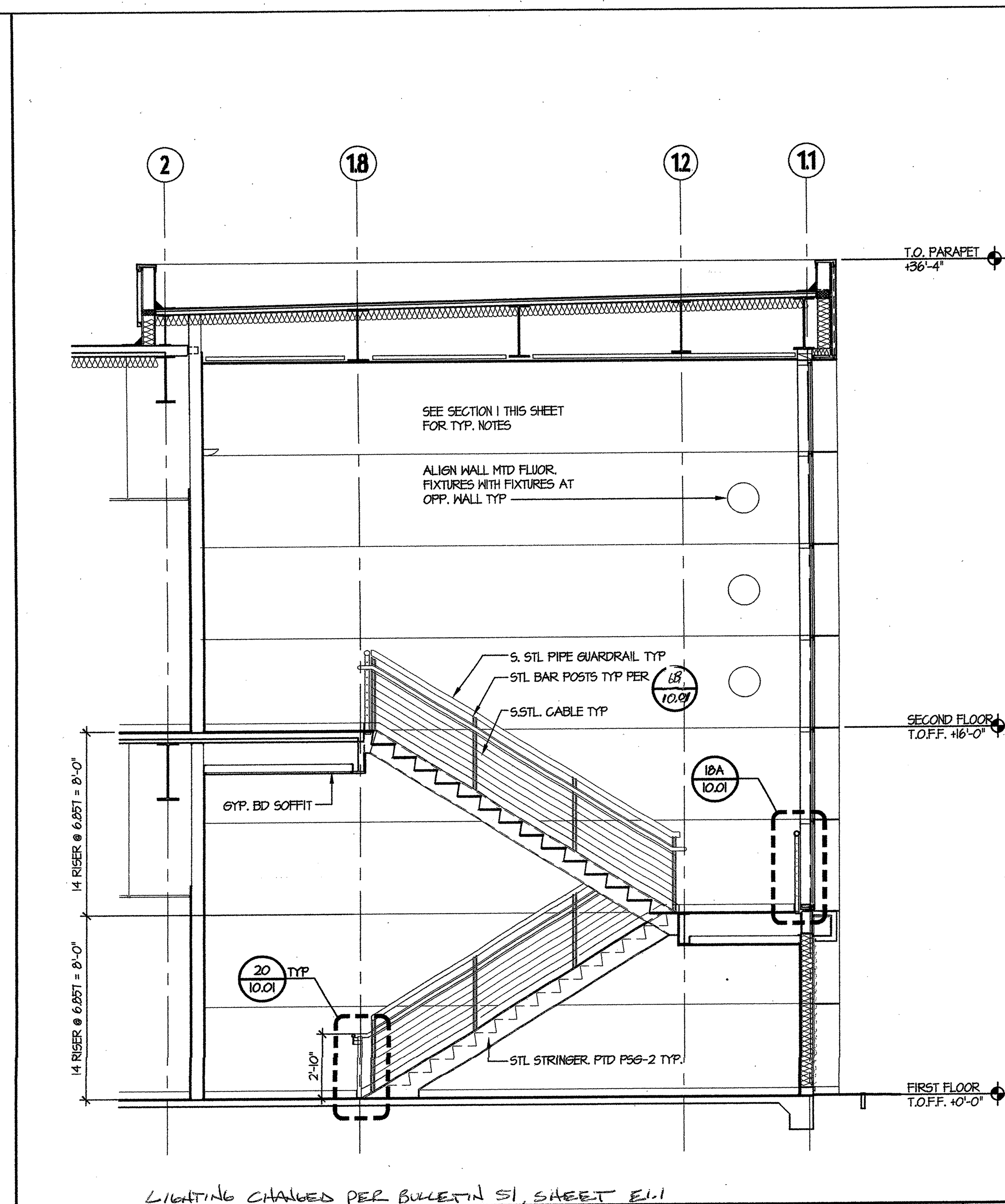

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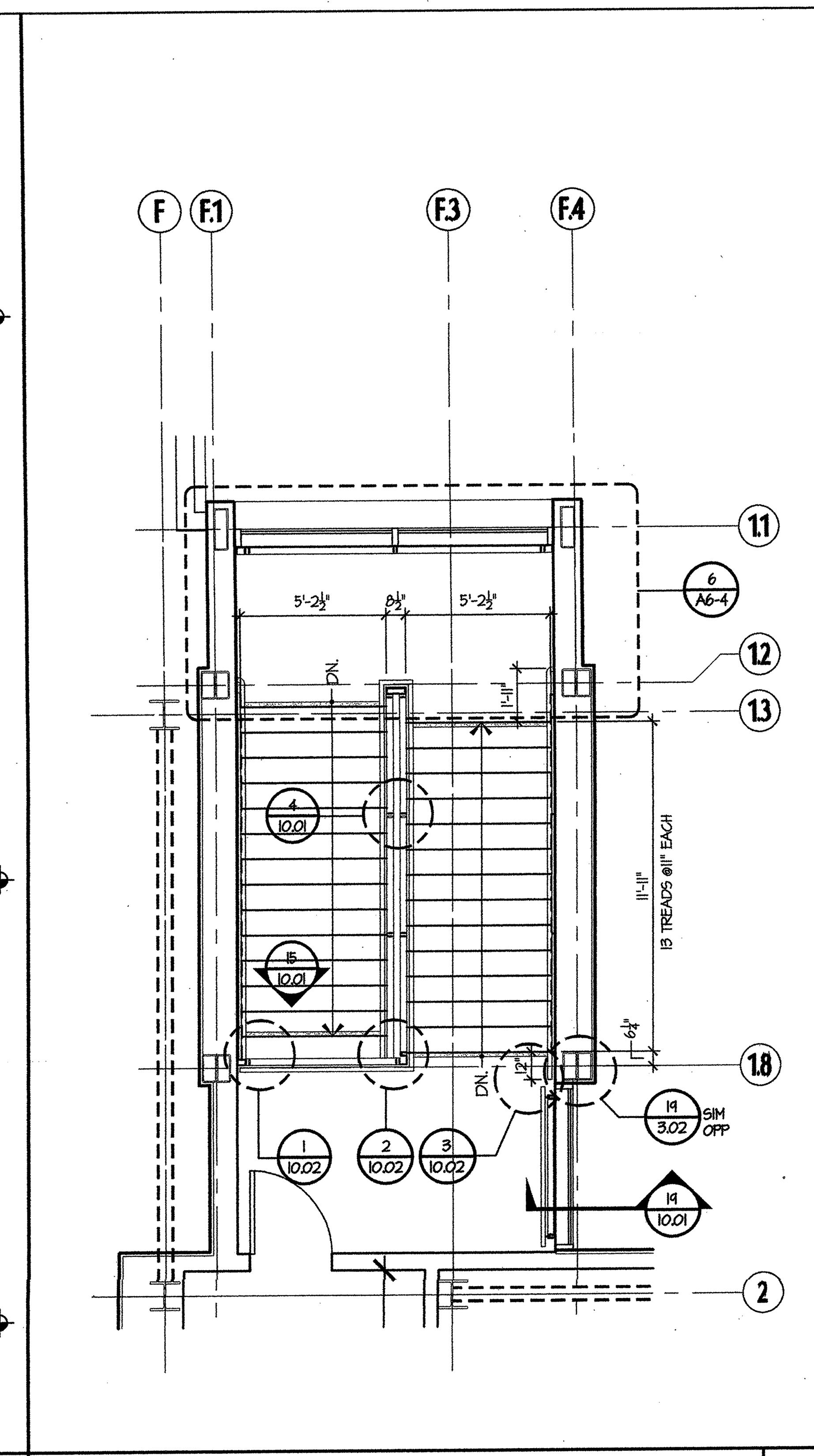

STAIR #2 - ENLARGED PLAN - 2ND FLOOR 3
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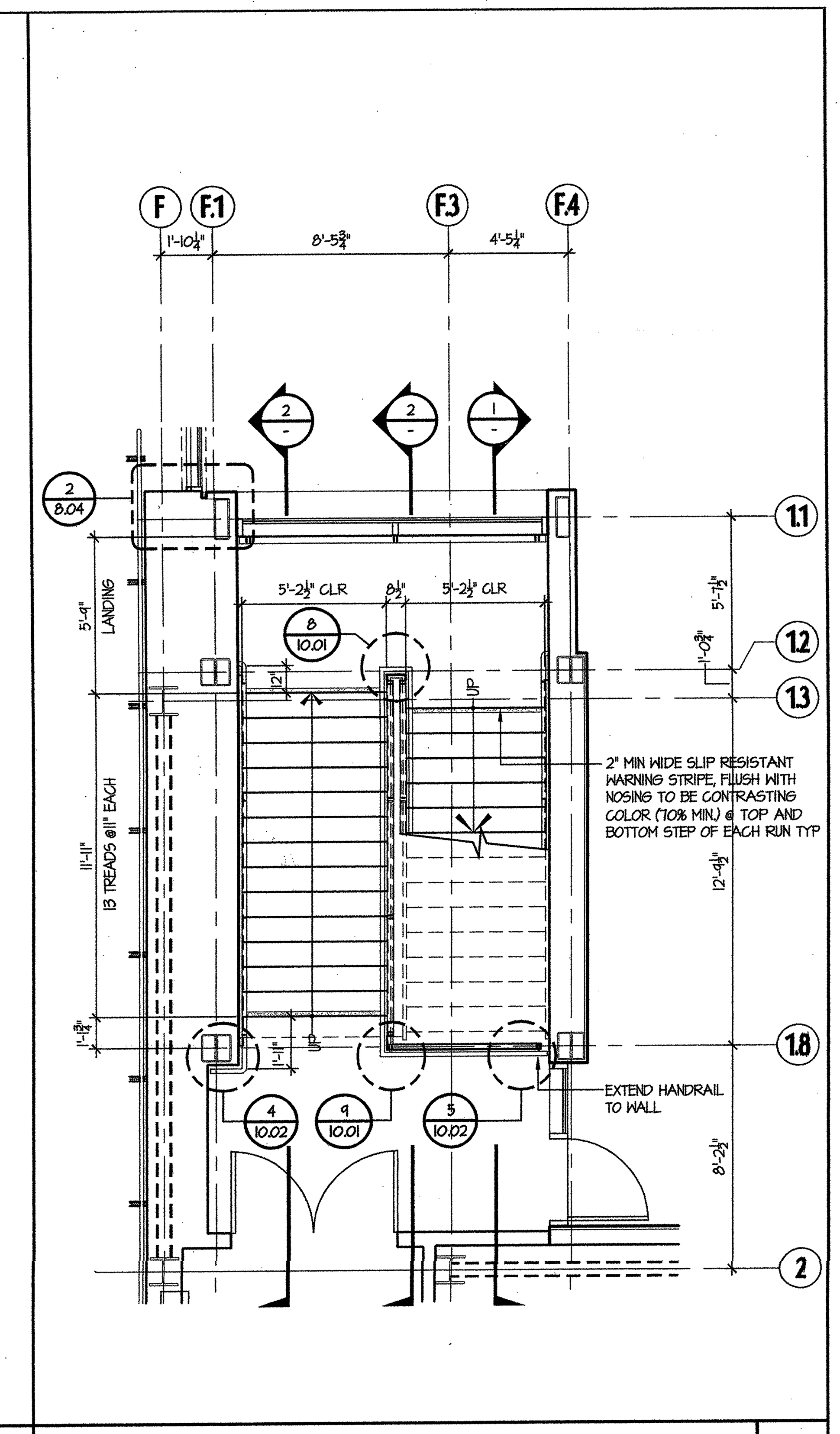

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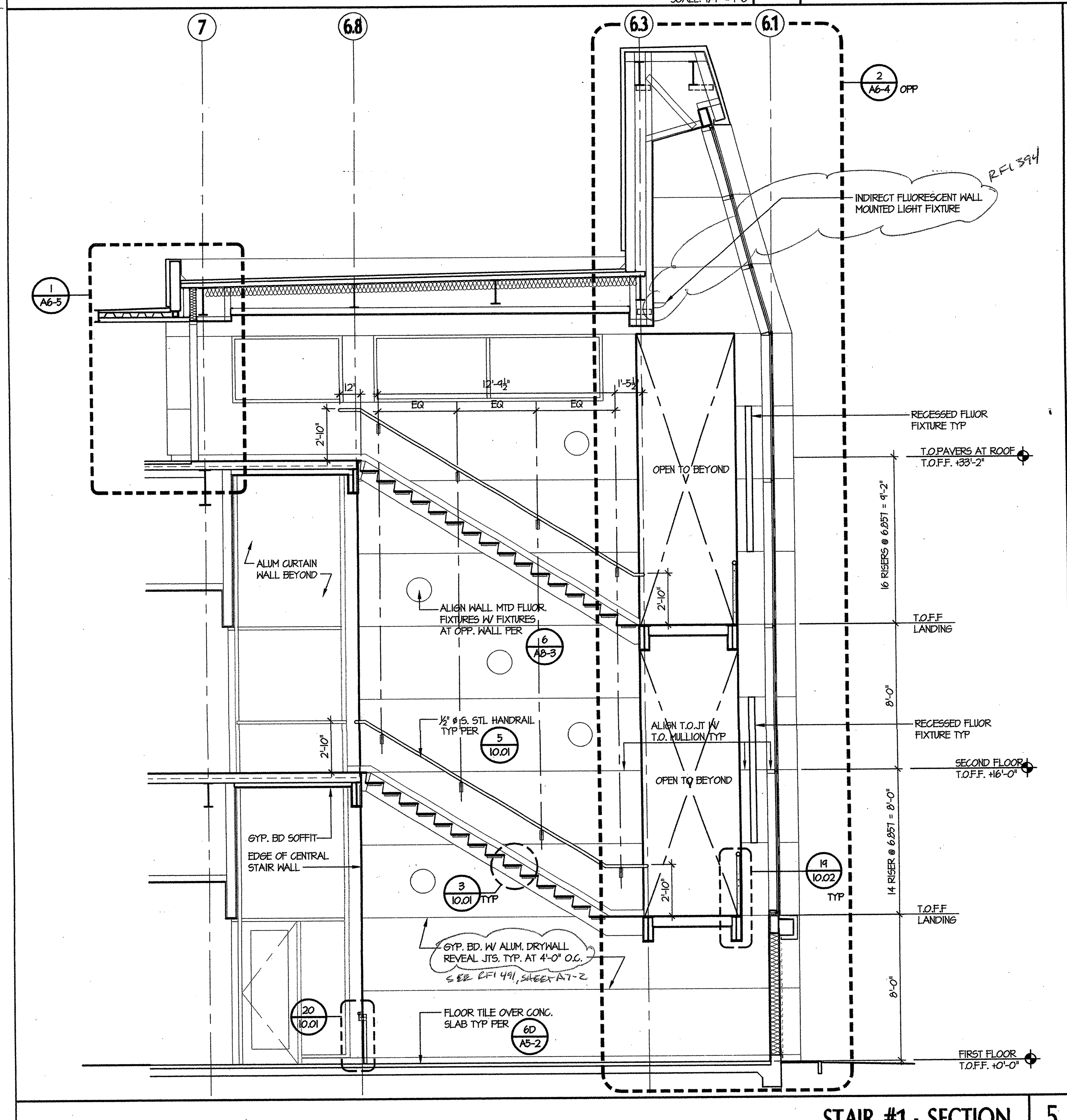
SCALE: 1/4" = 1'-0"



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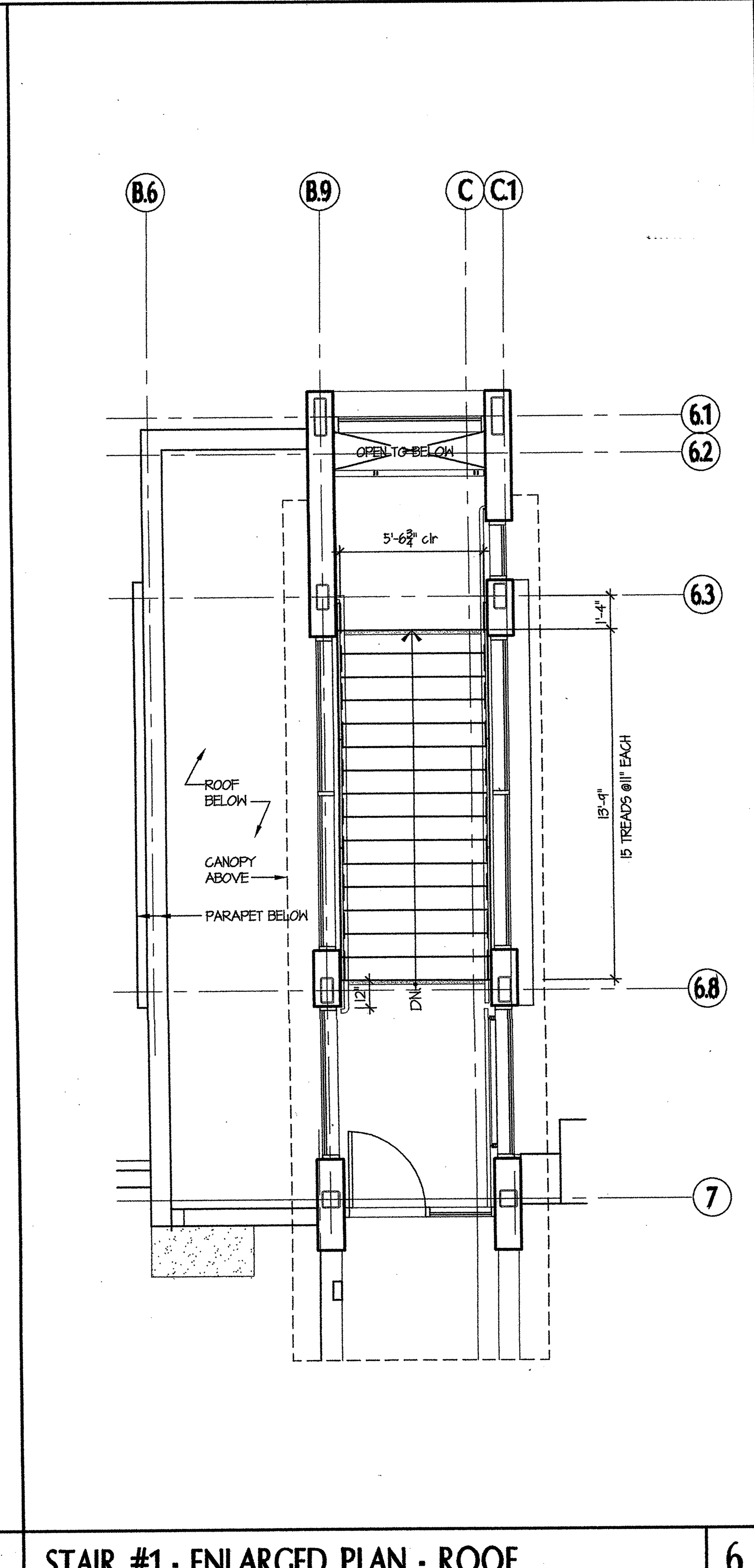
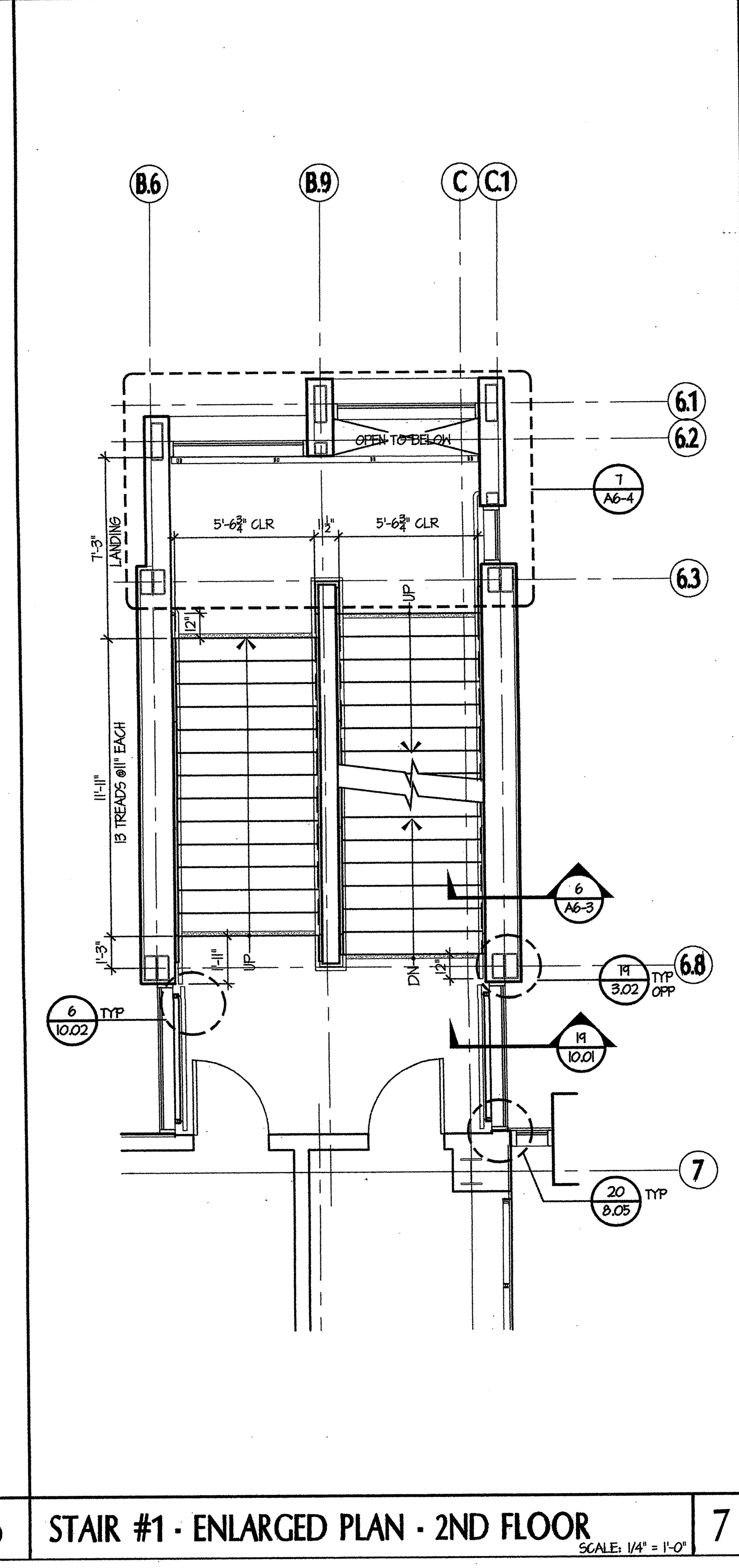
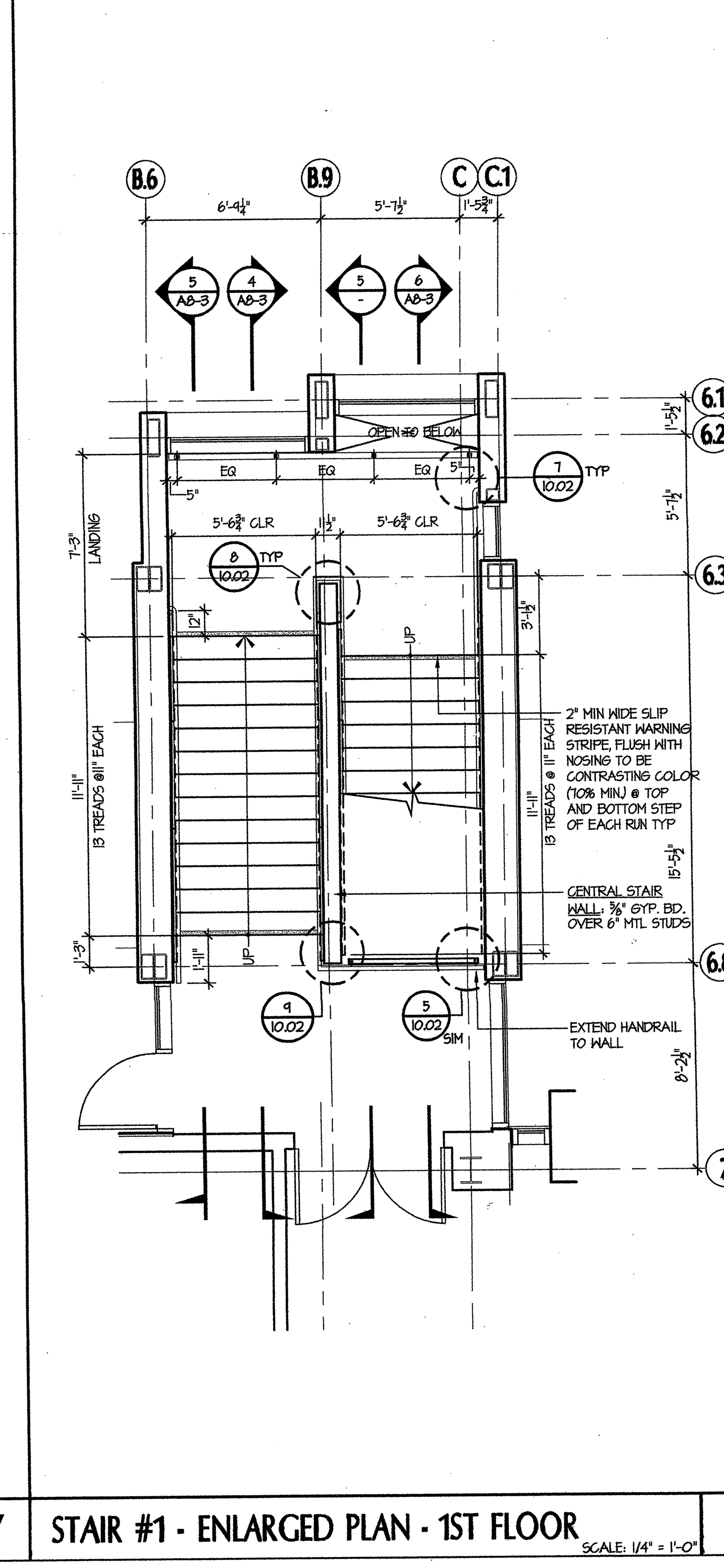


STAIR #1 - ENLARGED PLAN - ROOF 6
SCALE: 1/4" = 1'-0"



STAIR #1 - ENLARGED PLAN - 2ND FLOOR 7
SCALE: 1/4" = 1'-0"



STAIR #1 - ENLARGED PLAN - 1ST FLOOR 8
SCALE: 1/4" = 1'-0"

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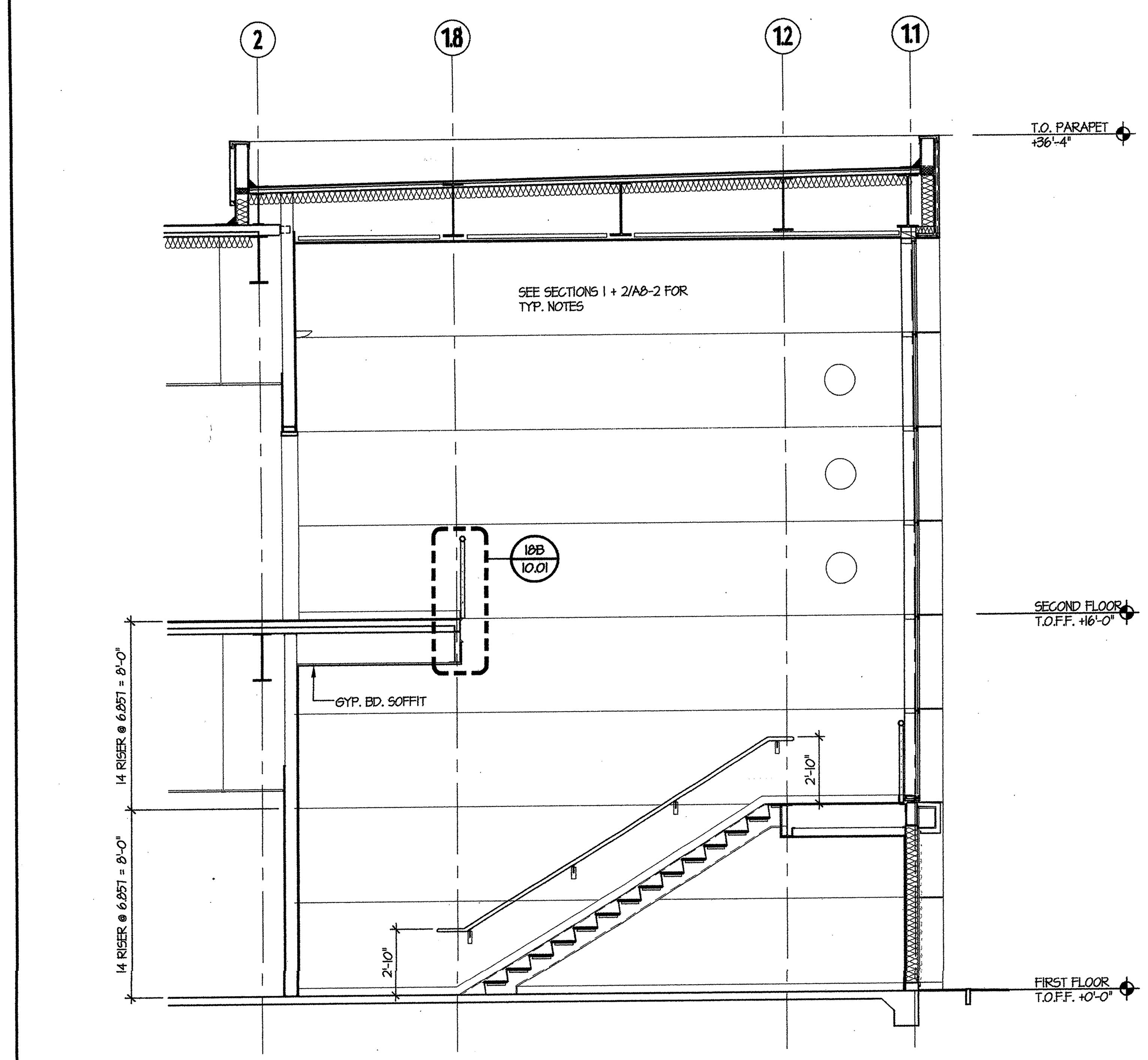
SCIENCE BUILDING
LOS MEDANOS COLLEGE
Contra Costa Community College District

tBP project number: 20247.00
file name: A-8_xstair.dwg
drawn by: checked by:
date: NOVEMBER 15, 2004

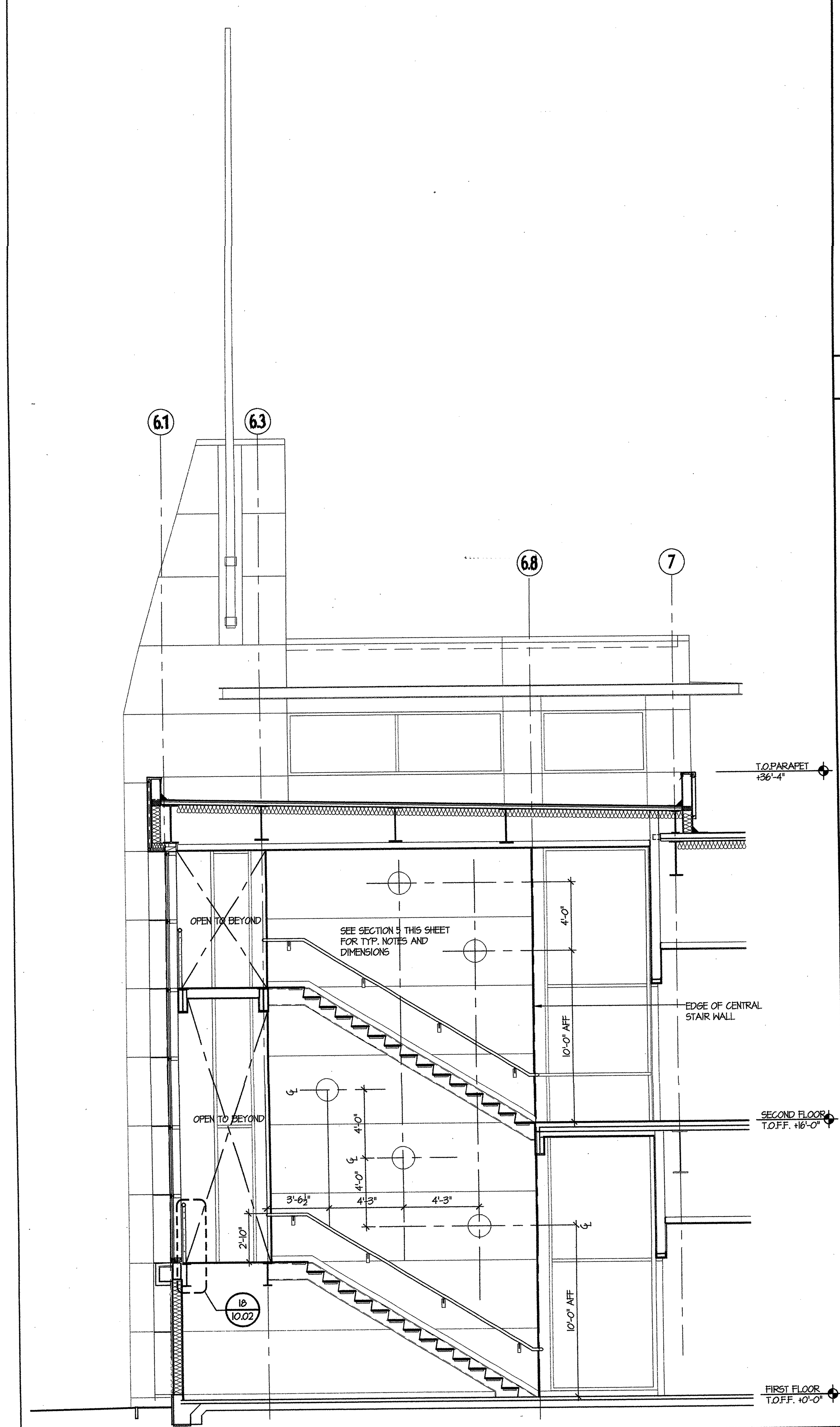
Rev.	date:	description:

drawing title:
ENLARGED STAIR PLANS AND SECTIONS
LMC SCIENCE 313-023-112.01-0-00.00
drawing no.: A8-2



STAIR #2 - SECTION 3
SCALE: 1/4" = 1'-0"

LIGHTING CHANGED PER BULLETIN 51, SHEET E1.1



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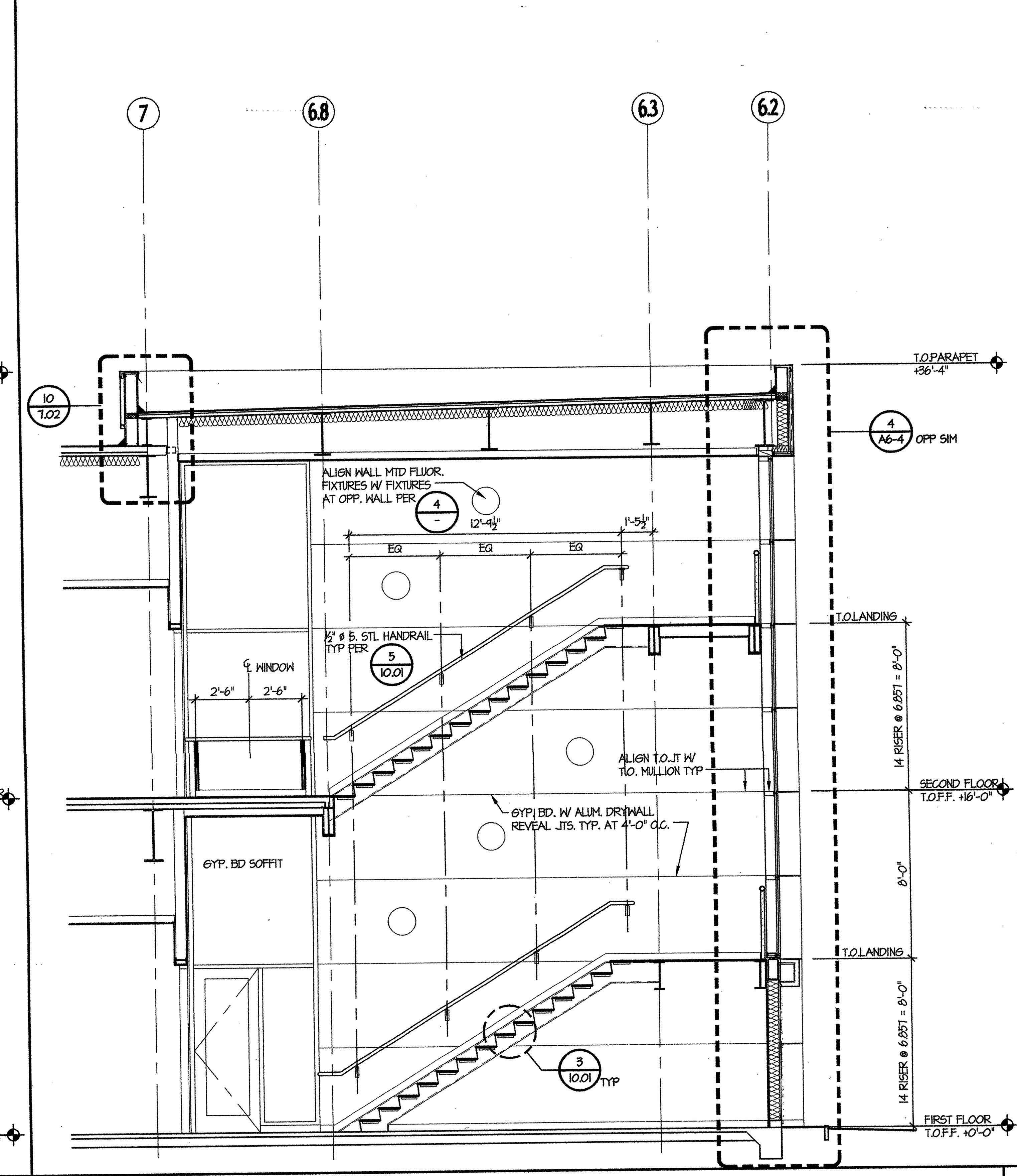
LIGHTING CHANGED PER BULLETIN 51, SHEET E1.1



LIGHTING CHANGED PER BULLETIN 51, SHEET E1.1

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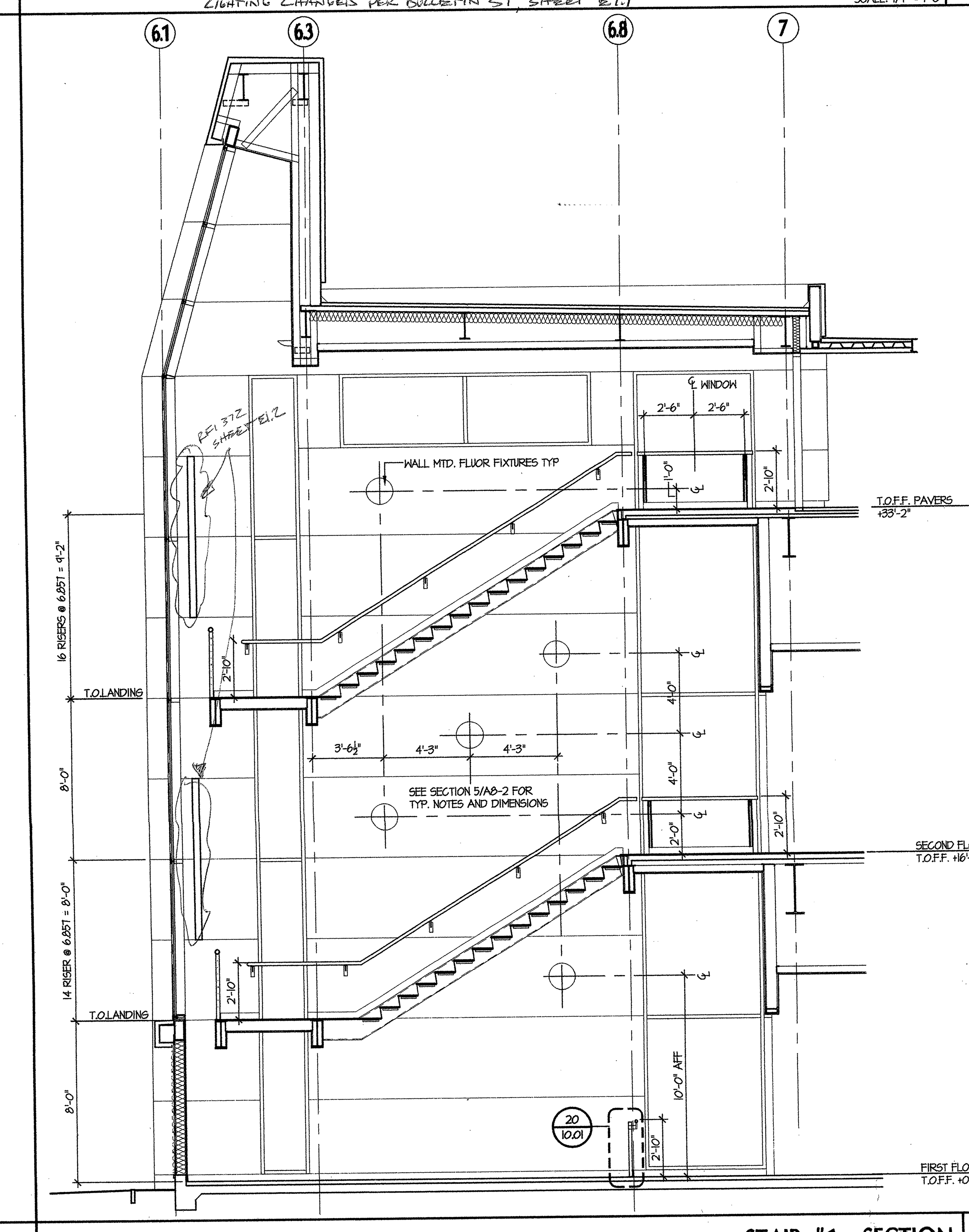

LIGHTING CHANGED PER BULLETIN 51, SHEET E1.1

STAIR #1 - SECTION 6
SCALE: 1/4" = 1'-0"

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APP. NO. 01-108226
FILE No. 7-C1

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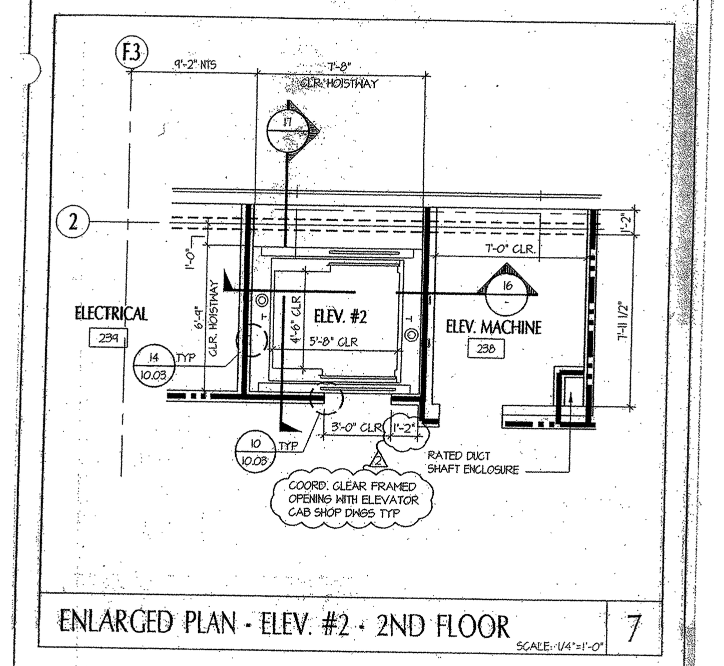
SCIENCE BUILDING
LOS MEDANOS COLLEGE
Contra Costa Community College District

tBP project number: 20241.00
file name: A-8.xstair.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
ENLARGED STAIR SECTIONS
LMC SCIENCE 313-023-112.01-0-00.00
drawing no: A8-3

ADDENDUM #2
DSA FILE # 7-C1
DSA APPL # 01-106226



ENLARGED PLAN - ELEV. #2 - 2ND FLOOR 7

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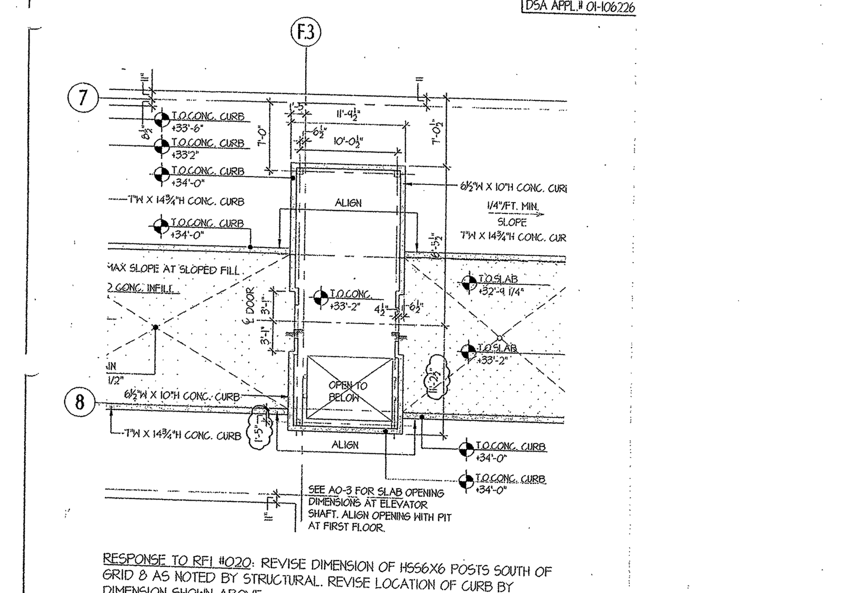
ADDENDUM #2
DATE: 04/19/05
DSA NO. 01-106226
THIS REVISES IN PART SHEET: A8-4
SHEET: AR-7

DSA FILE # 7-C1
DSA APPL # 01-106226



RESPONSE TO RFI #020: REVISE DIMENSION OF W6X18 POSTS SOUTH OF GRID 8 AS NOTED BY STRUCTURAL. REVISE LOCATION OF CURB BY DIMENSION SHOWN ABOVE.

RFI-20

SCIENCE BUILDING
LOS MEDANOS COLLEGE
RFI# 020
DATE: 11/03/05
THIS REVISES IN PART SHEET: A0-1
SHEET: SKA-201

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.:

RFI No: 365 Revised response 10/25/06
Subcontractor RFI

Reference (dwg, spec.): 18/A8-4, AR-1 from addenda #2, S2.2.2, S2.3.2

Reply Requested By: 10/5/06

INFORMATION REQUESTED: **Date:** 9/28/06

Detail 18/A8-4 shows the west wall of the elevator pit #1 aligning with the pit wall and that this is WEST of the D-line and clears the D-line beams on 2nd floor and roof levels. Thus, the wall should run past the beams to underside of deck as shown on 18/A8-4. Per sketch AR-1 of addenda #2, the west wall of elevator pit #1 is located 6" EAST of D-line. Per drawings S2.2.2 and S2.3.2, the wide flange beams in this area on 2nd floor and roof levels are centered on D-line. These beams are breaking the plane of the elevator pit wall, which is a fire-rated wall. It appears that these beams will need to be boxed in, similar to details provided in Bulletin 38 for other conditions. Please provide a detail for this location.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:**

~~Provide 1-hour fire rated protection to the exposed partial beams in the elevator shaft per UL design # N501, see attached. The elevator hoistway clearance shall be remained as required per Elevator submittals #54,#54A &B.~~

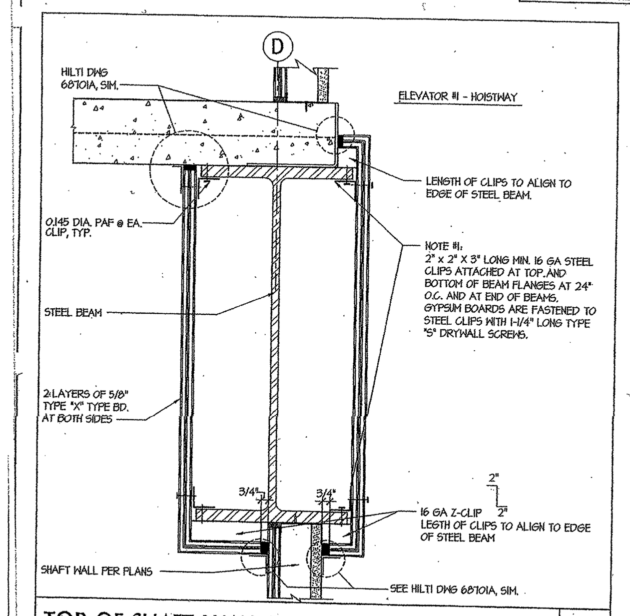
~~Vanessa Ling/tBP - 10/16/06~~

Revised response 10/25/06
See attached SKA365.1 for 1-hour beam wrap (based on UL Design #N501, attached for reference) to exposed partial beam in the elevator hoistway noted above. The elevator hoistway clearance shall be remained as required per Elevator Submittals #54,#54A &B.
Attachments: SKA365.1, UL Design #N501, Hilti drawing 68701a.

Vanessa Ling/tBP - 10/25/06

RFI # 000
Page 1

DSA FILE # 7-C1
DSA APPL # 01-106226



TOP OF SHAFT WALL DETAIL AT ELEV. #1
SCALE: 1 1/2" = 1'-0"

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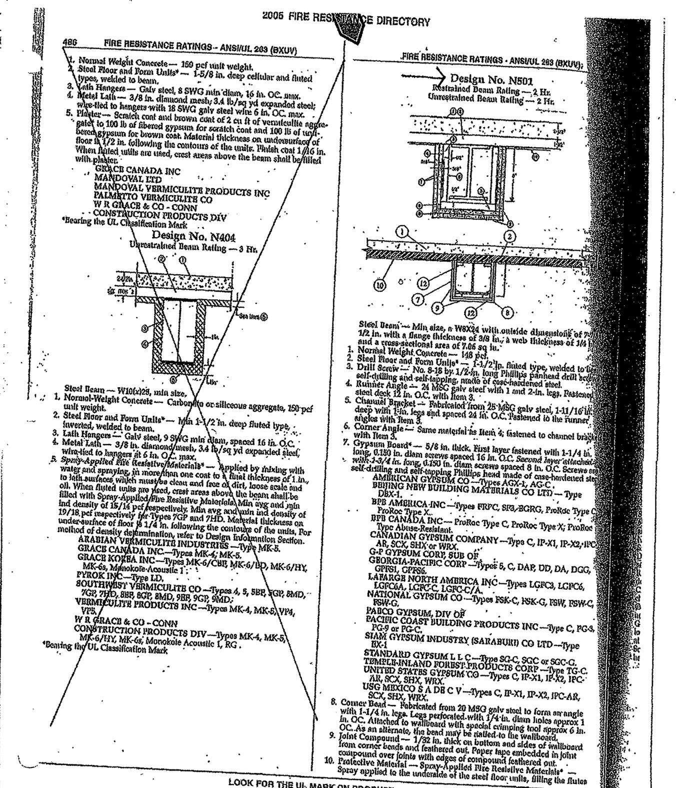
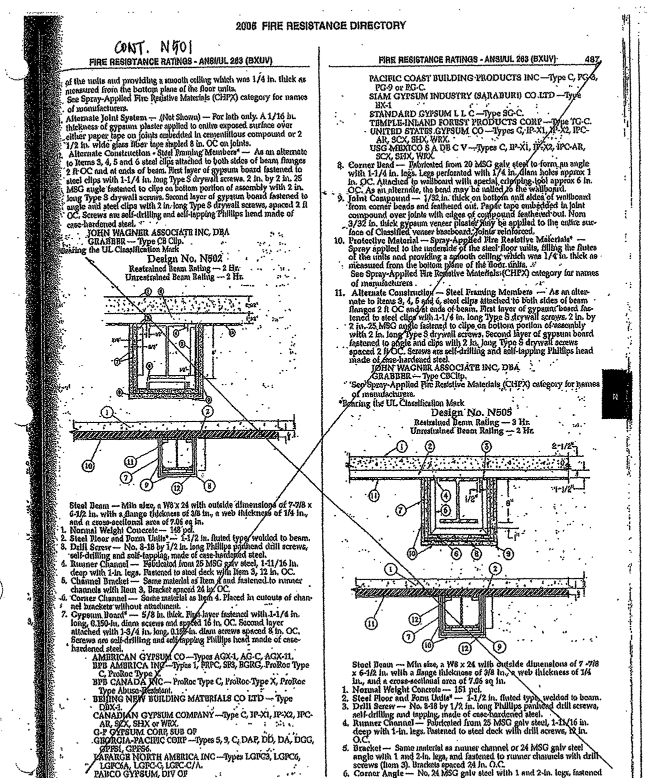
LICENSED ARCHITECT RICHARD A. MANGUM, AIA NO. C-8685 REN. 12-31-07 STATE OF CALIFORNIA

RFI# 365
DATE: 10/25/06
THIS REVISES IN PART SHEET: --
SHEET: SKA365.1



2006 FIRE RESISTANCE DIRECTORY

CONT. N501



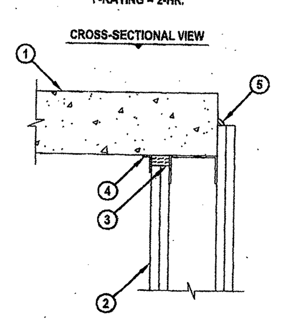
LOOK FOR THE UL MARK ON PRODUCT

ST

ENGINEERING JUDGMENT FIRESTOP DETAIL

PROJECT : LMC MATH BUILDING
ARCHITECT : TBP ARCHITECTURE
F-RATING = 2-HR.

CROSS-SECTIONAL VIEW



1. CONCRETE FLOOR ASSEMBLY (MINIMUM 4-1/2" THICK) (1-HR. FIRE-RATING).
2. GYPSUM WALL ASSEMBLY (UL/cUL CLASSIFIED) (2-HR. FIRE-RATING).
3. MINERAL WOOL (MIN. 4 PCF DENSITY) COMPRESSED 33% AND INSTALLED FLUSH WITH WALL SURFACES.
4. MINIMUM 1/8" DEPTH HILTI CP 672 SPEED SPRAY APPLIED TO COMPLETELY COVER MINERAL WOOL AND OVERLAPPING MINIMUM 1/2" ONTO CONCRETE FLOOR AND GYPSUM WALL.
5. MINIMUM 1/2" BEAD HILTI CP 606 FLEXIBLE FIRESTOP SEALANT APPLIED AT FLOOR/WALL INTERFACE.

NOTES : 1. MAXIMUM WIDTH OF JOINT = 3/4".
2. T-RATING MAY NOT EQUAL F-RATING IN ACCORDANCE WITH UL 2079.
3. THIS SYSTEM IS DESIGNED AS A STATIC JOINT ONLY.

THIS ENGINEERING JUDGMENT REPRESENTS A FIRESTOP SYSTEM THAT WOULD BE EXPECTED TO PASS THE STATED RATINGS IF TESTED.
(REFERENCE : UL SYSTEM NO. HW-D-0106 & HW-D-0209)

HILTI — Hilti Firestop Systems	HILTI, Inc. Tulsa, Oklahoma USA (800) 879-8000	Sheet 1 of 1	Drawing No.
	Designed by	Scale 3/16" = 1"	68701a
		Date Aug. 30, 2006	

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11/06/2006 MON 09:01 FAX 4152430781 HESSELBERG & KEESEE 002

#2

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Elevator shaft wall for elevator no. 2

RFI No: 415
Subcontractor RFI

Reference (dwg, spec.): 17/A8-4

Reply Requested By: 11/3/06

INFORMATION REQUESTED: **Date:** 10/27/06

Detail 17/A8-4 shows the elevator shaft for elevator no. 2. On the north side of the elevator at 2nd floor level, there is no shaft wall. The "shaft wall" in this location would end up being the building exterior wall, with a large "ledge" within the shaft. This appears to be a very unusual occurrence. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:** 11/6/06

Any time a ledge extends more than two (2) inches from the shaft, a 75 degree bevel must be installed. Should the extension be several inches, a solid partition may be cheaper to install. As the wall carries the fire rating, the solid partition does not need to be fire rated. This can also be accomplished with screening; however, sheetrock partition may be more economical to install.

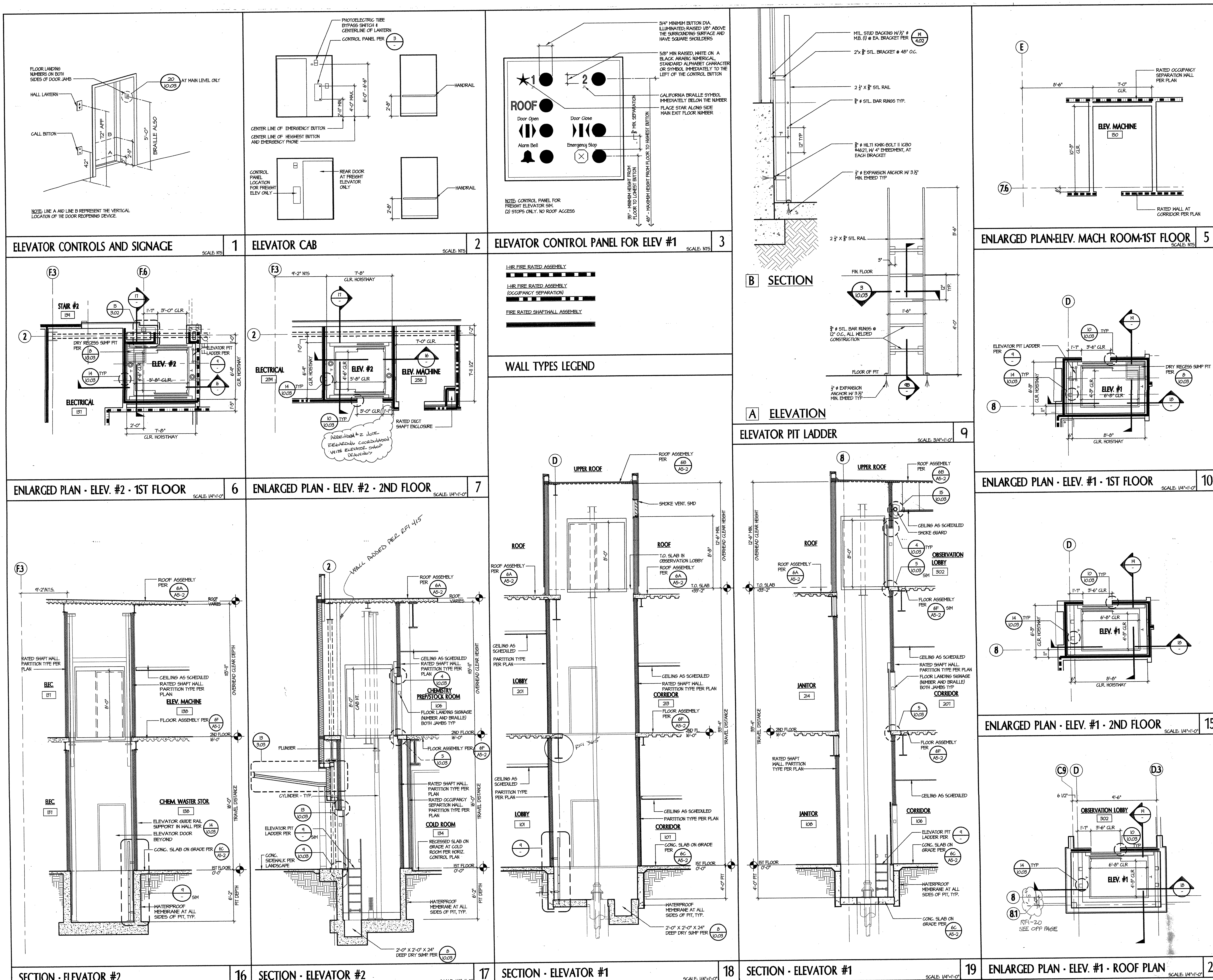
Jim Finley
Hesselberg, Keesee

Provide a 4" stud shaft wall at the north side of the Elevator noted above.

Vanessa Ling/tBP - 11/7/06

RFI # 000
Page 1

Los Medanos College
4CD Proj. #: L-565-B-23-SC
Science Building



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management

LICENSED ARCHITECT · RICARDO MARQUIS, AIA · NO. C-8885 · REN 12-31-05 · STATE OF CALIFORNIA

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p: 925.246.6419 f: 925.246.6495

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APP. NO. 01-106226
AC FLS SS
DATE 1-12-05

FILE No. 7-C1
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1515 Clay St, Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number: 20247.00
file name: A-8.3.dwg
drawn by: checked by:
date: NOVEMBER 15, 2004 1:1

Rev.	date:	description:

drawing title:
ENLARGED ELEVATOR PLANS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no: A8-4

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Subj.: Handrail in lecture hall 141

Reference (dwg, spec.): A6-5, A7-1

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

RFI No: **361**
Subcontractor RFI

Reply Requested By: 10/5/06

INFORMATION REQUESTED:

Date: 9/278/06

Per detail 2/141 on sheet A7-1 there is wall mounted handrail on the eastern wall of room 141 as one travels up the stepped seating area. The opposite (west) wall of this room was originally aluminum window but via addendum no. 1 was changed to metal stud wall with metal panel on the exterior. There is no handrail on this wall even though the steps are identical to the eastern wall which does have handrail. Please advise if handrail is needed on the western wall of lecture hall 141.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE:

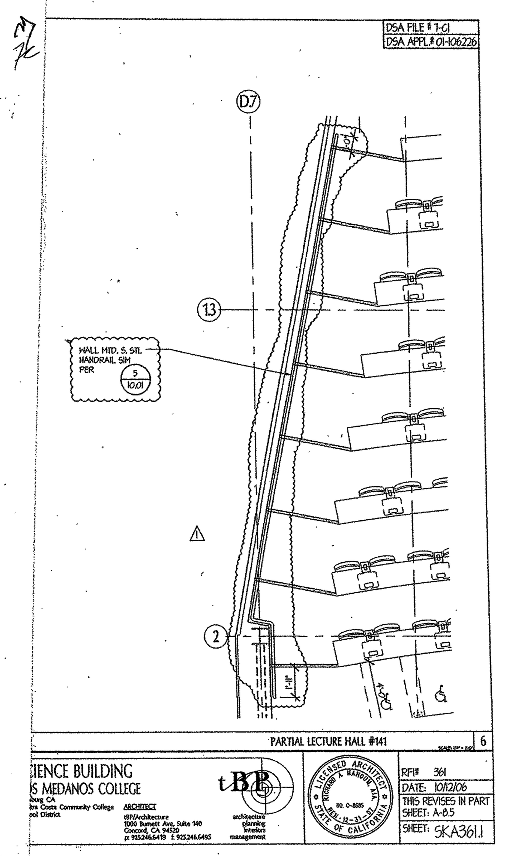
DATE:

See attached sketch SKA361.1 for added handrail at the west wall of Lecture Hall #141.

Vanessa Ling/tBP - 10/12/06

cc: ADAMANT FAR

RFI # 000
Page 1



Bulletin No.57

Date: 1/16/07

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description: REFERENCE: Sheet 1/A8-5, Submittal 65.1

See attached sketch for conflict at sanitary drain rough in at the north elevation casework at room 102. Due to conflict, shift the casework approx 12" to the west thus reducing the west end filler and provide filler at the east end to encase the drain rough in.

Relocate cleanout or provide removeable panel to maintain access.

Please coordinate revision with plumbing, electrical, and casework subcontractors.

Issued By: Jim Weaver / tBP Architecture

Requested By: Contractor

Reason: Conflict at sanitary drain rough in.

Enclosures: SKA-57.1, SKA-57.2

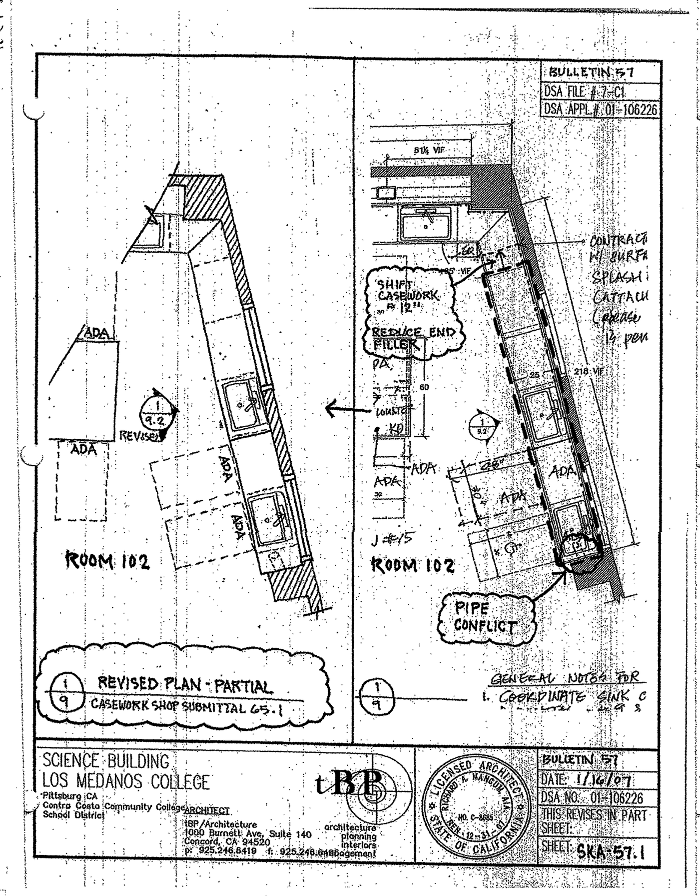
Distribution:

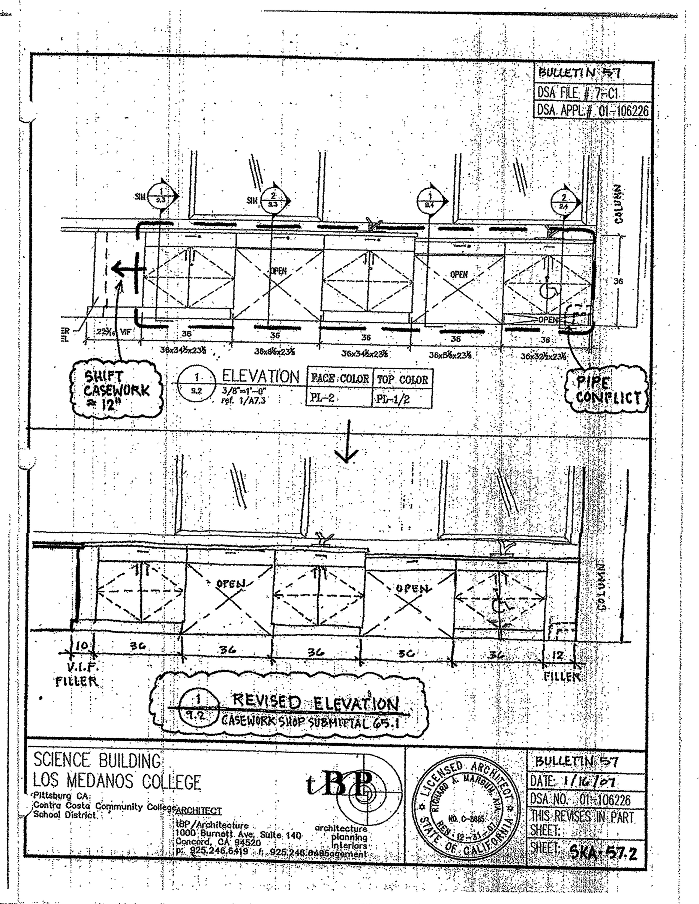
Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCC District
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

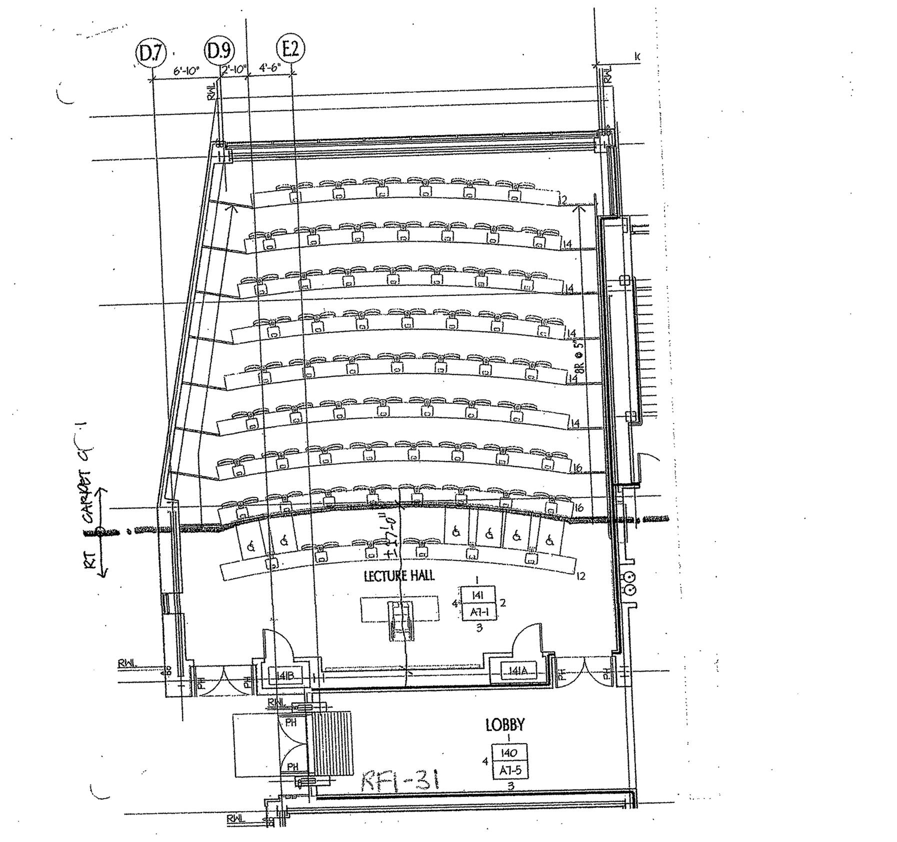
Action:
☒ For Information/Clarification only
☐ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
☐ Requires DSA review and approval
☐ Proceed as authorized by District

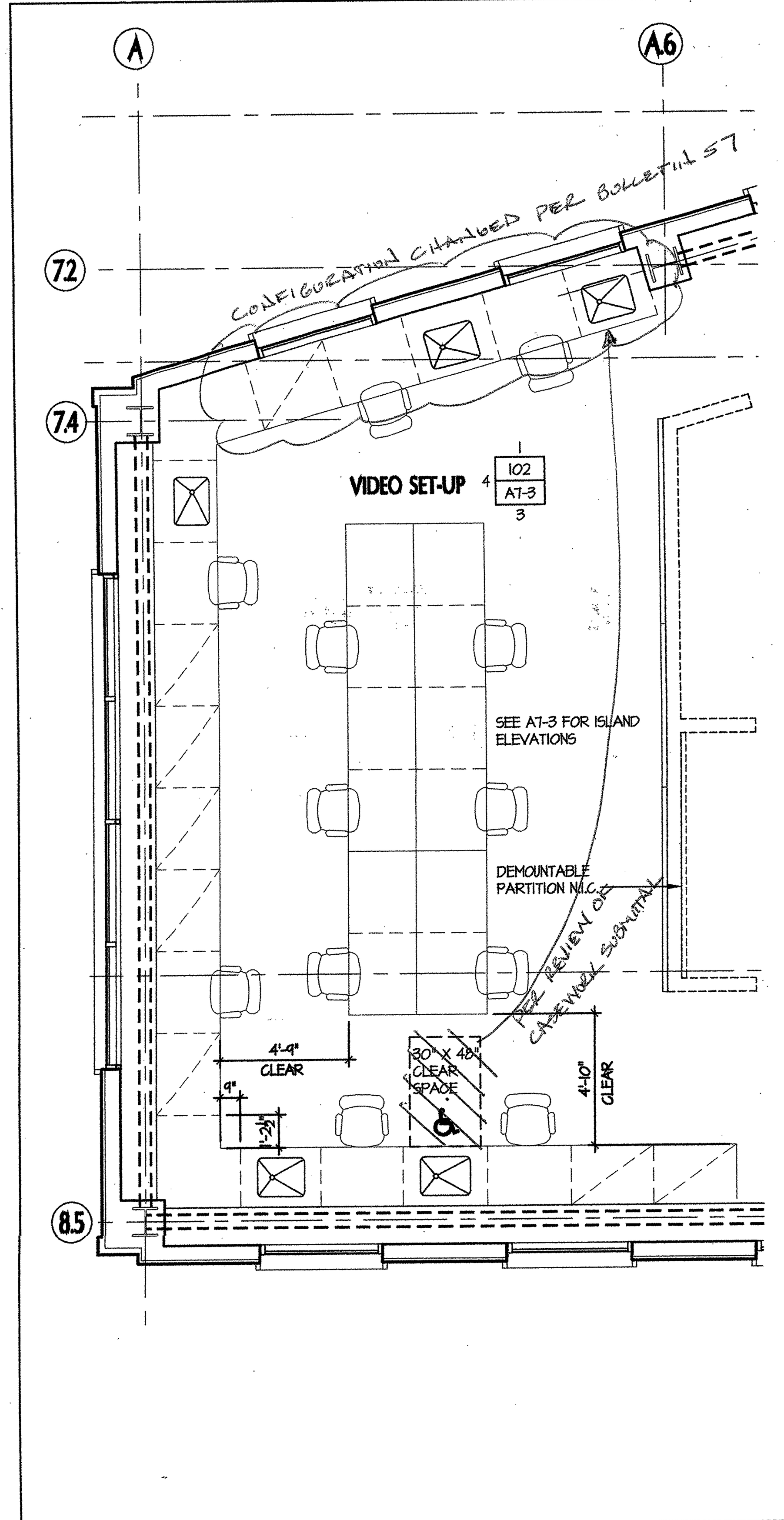
cc: NWD
DOWDLE
BWS

tBP/Architecture. 1000 Burnett Ave. Suite 140. Concord, CA. 94520. ph: 925.246.6419. fax: 925.246.6495

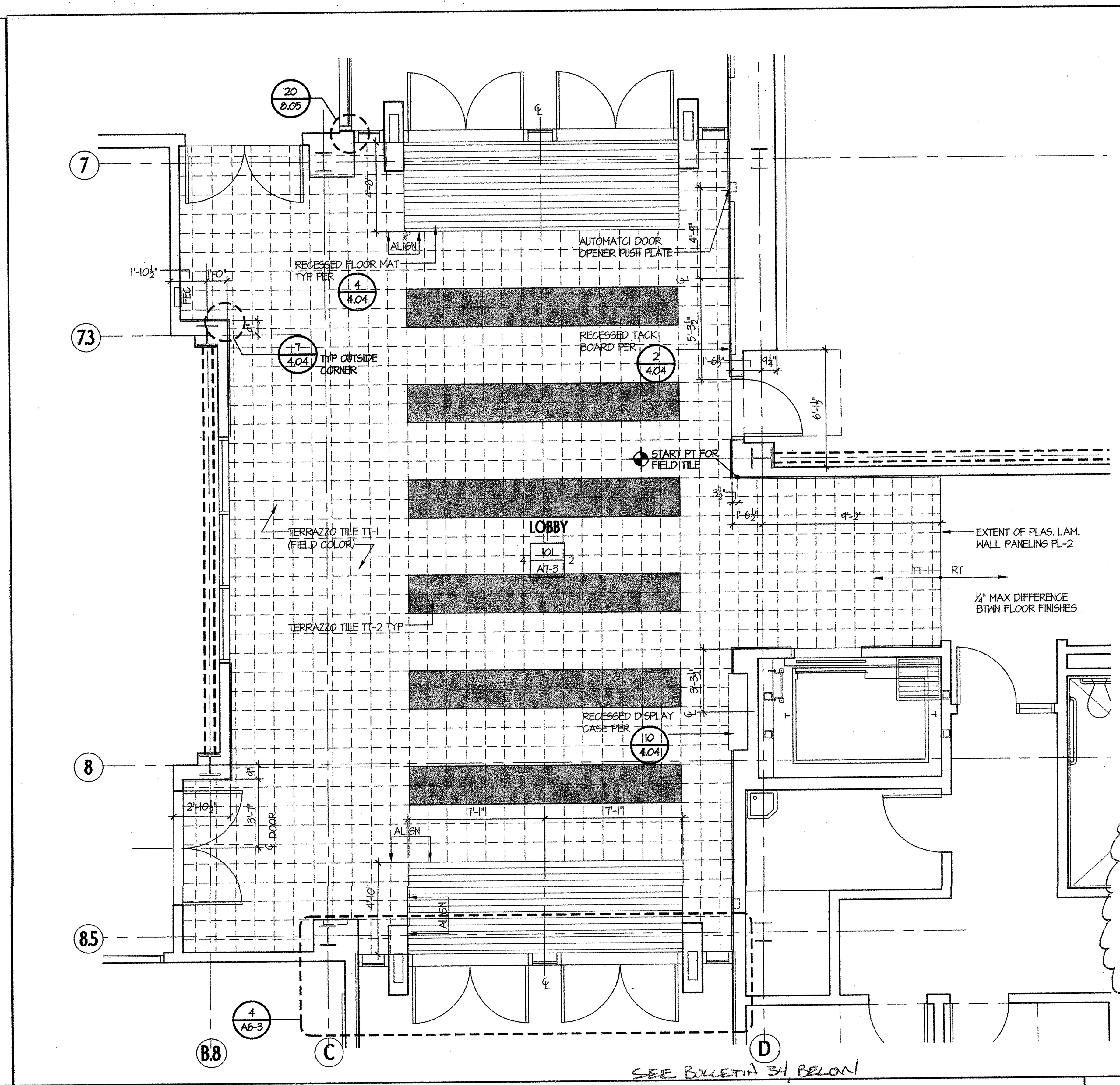




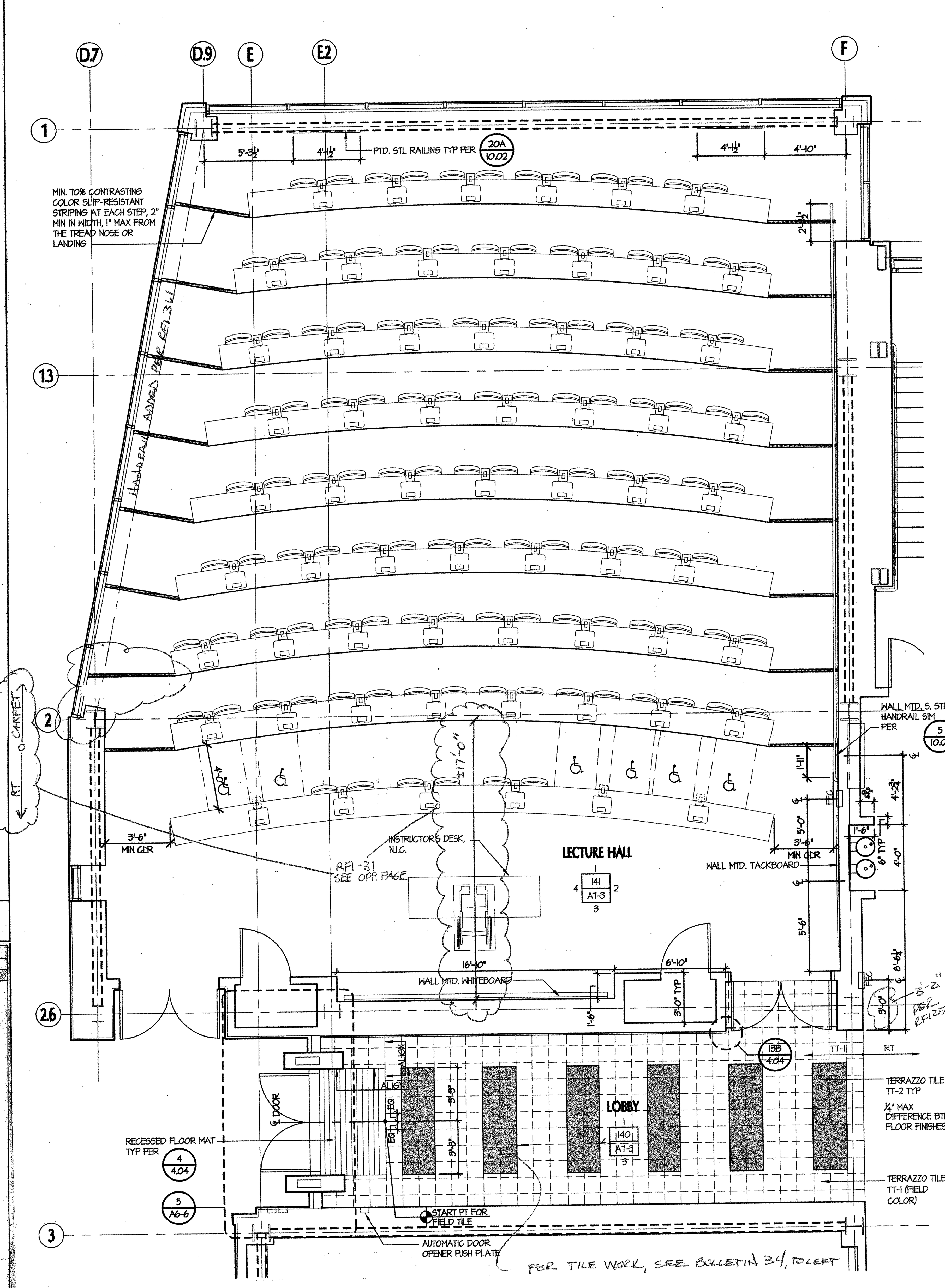




AUTO-TUTORIAL CENTER - #102 SCALE: 1/4" = 1'-0" 1



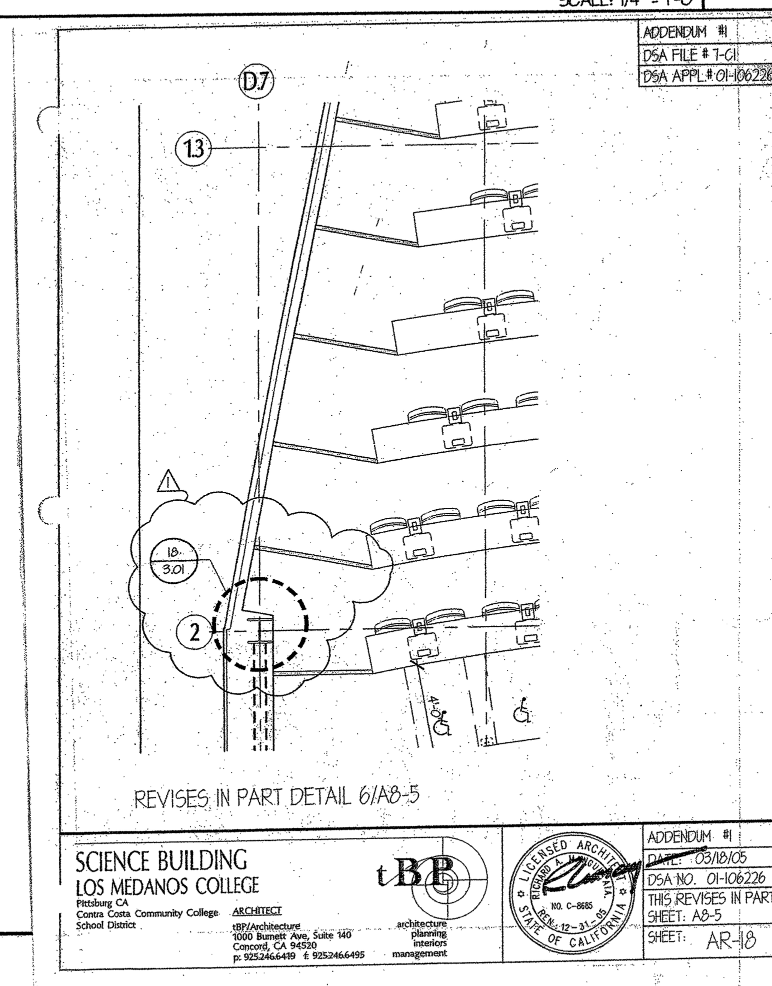
ENLARGED LOBBY - #101 SCALE: 1/4" = 1'-0" 2



Refer to Drawings A8-5, A8-6, Enlarged Plans: ADDENDA No. 3

a. At Lecture Hall 141 on 6/A8-5, rubber sheet flooring RT-2 will extend to the first raised tier of seating. The remaining tiered seating north of grid line 2 is carpet tile CPT-1.

LECTURE HALL #141 AND LOBBY #140 SCALE: 1/4" = 1'-0" 6



Bulletin No.34

Date: 5/8/2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description: REFERENCE: Dwgs 2 & 6/A8-5, RFI #121, Submittal #69 – Floor Mat, Submittal #79 – Terrazzo Tile

Revise 2 & 6/A8.05 – Enlarge First Floor Plan at Entry Lobby #101 and #140, north and south entries. See attached sketch SKA-34.1 and SKA-34.2.

- Revised width of (2) entry grilles at north and south entries of Lobby #101, new grilles width are to be 14'-0". So the edges of grilles are aligning with terrazzo tiles joints.
- Add 1" ± (V.I.F.) stainless steel infill strips at gap between edge of entry grilles and metal panel walls at both sides north and south entries at Lobby #101.
- Clarify start points of Terrazzo Tile on Lobbies #101 and 140. Also clarify layout and dimension of Terrazzo Tile patterns.

Provide Re-submittal of Submittal #67 – Entry Mat. Provide submittal of #79 – Terrazzo Tile layout plan.

Issued By: Architect
Requested By: Architect, Owner
Reason: Coordination with floor finishes
Enclosures: SKA-34.1 and SKA-34.2

Distribution:

Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
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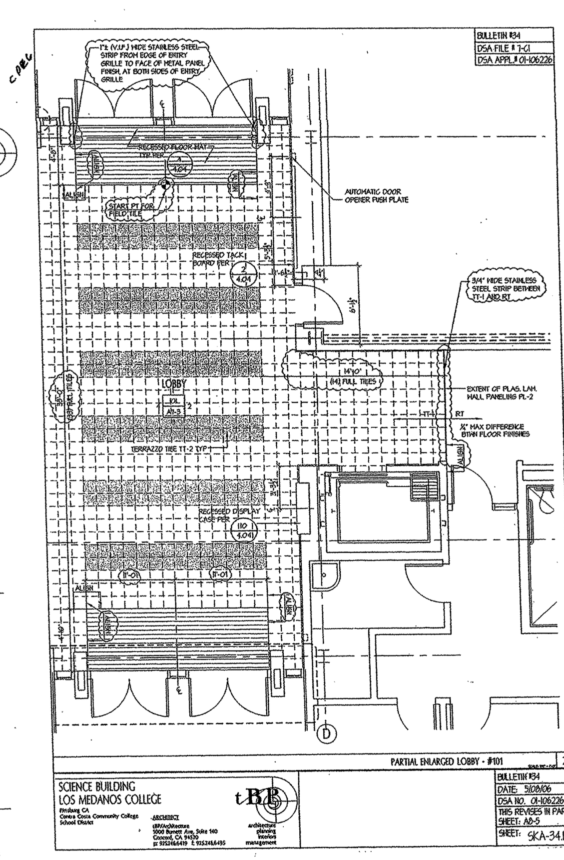
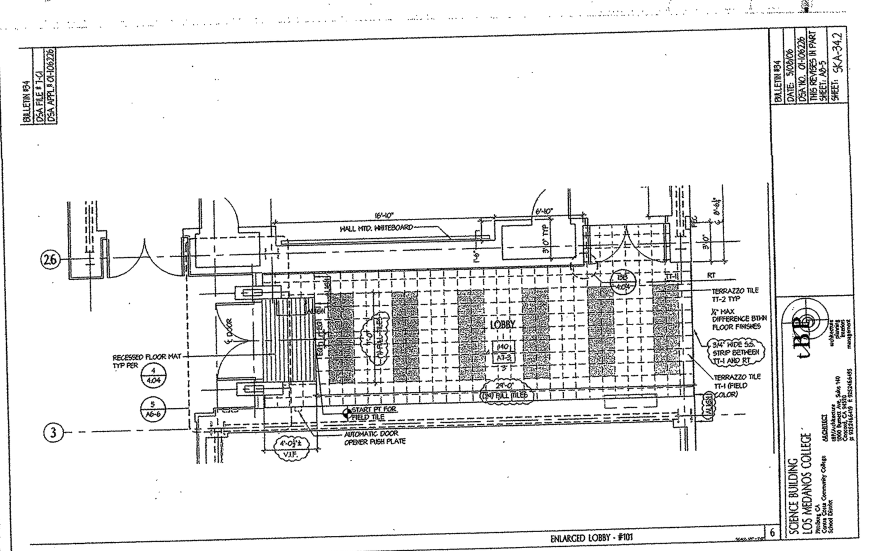
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

cc: CA TILE





S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Layout of southern wall of Lecture Hall 141 **RFI No:** **256.1**

Reference (dwg, spec.) : A0-2, A6-6, A8-5 Subcontractor RFI:Concord 8

Reply Requested By: 6/26/06

INFORMATION REQUESTED: **Date:** 6/19/06

Wording of RFI No. 256:
Per sheet A0-2 and detail 5/A6-6, the F.O.S for the corridor side of the southern wall of Lecture Hall 141 is located 1'-5 1/2" south of 2.6-line.

Per 5/A6-6, the room side of the southern wall of the Lecture Hall (i.e. projection screen pocket) is 0'-6 5/8" north of 2.6-line.

Per 6/A8-5, 3'-0" from corridor face of finish was used to establish the depth of the door pocket.

These result in the face of closet to face of projection screen pocket dimension being slightly less than 1'-6" as dimensioned on 6/A8-5 and the closet being slightly more then 3'-0" deep as dimensioned on 6/A8-5.

Please advise if this is OK or changes should be made.

Information requested in response to RFI 256:

Closet depth would be 3'-2" and projector screen pocket would be approximately 1'-5". Please advise if this is acceptable or provide new dimensions as applicable.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:**

Projection screen pocket required to be 1'-6" due to the depth of the screen housing(7"), soffit framing(4-5/8") and clearance to white board (6"). Please confirm if the wall where white board is attached needs to shift towards south to allow for the 1'-6" for this screen pocket.
We take no exception to the the 3'-2" from face of finish of north wall at Lobby 140 to Door #113.

Vanessa Ling/tBP
7/17/06

Attachments:

By:

RFI # 000
Page 1

cc: CONCORD

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LICENSED ARCHITECT · RICHARD A. MANGUM, AIA. · NO. C-8685 · REN. 12-31-05 · STATE OF CALIFORNIA

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APP. NO. 01-106226
AC FLS SS
DATE 1-12-05

FILE No. 7-C1

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Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number : 20247.00
file name: A-8.5-6.DWG
drawn by: ? checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
ENLARGED PLANS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no.: A8-5

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Suggest solution for dimensional conflicts at observation lobby roof
Reference (dwg, spec.): various

RFI No: **366**
Subcontractor RFI

Reply Requested By: 9/29/06

INFORMATION REQUESTED:
HOT HOT HOT

Date: 9/28/06

As discussed over the past couple of weeks, dimensional conflicts do not allow for the observation lobby roof to align with the curb below and for the walls to be constructed as shown on 3/A8-6. See attached for suggested solution to resolve this issue and allow construction to proceed. The suggested solution utilizes already purchased metal stud materials to the greatest extent possible. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:

DASSE

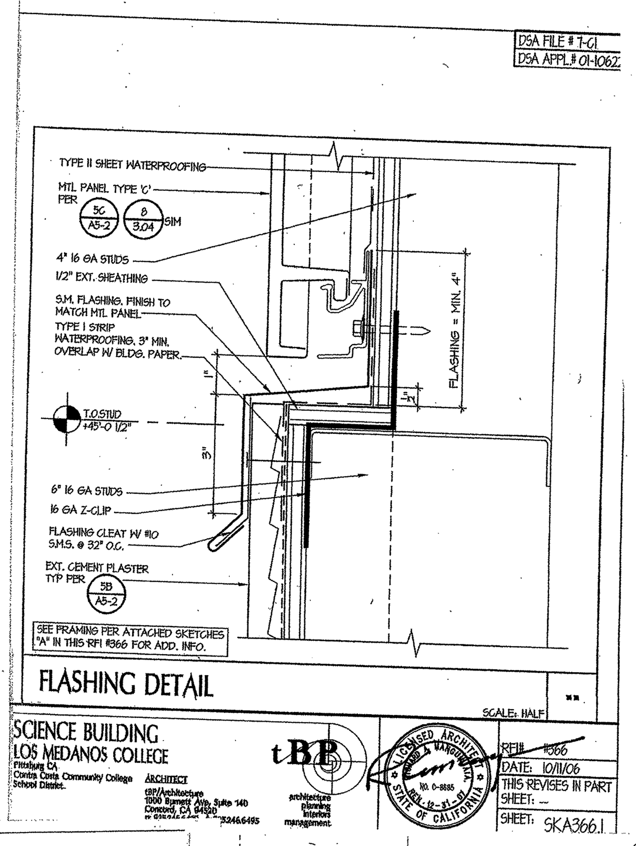
Stud framing per sketches attach is structurally acceptable. Provide welding as marked on sketches A and B.

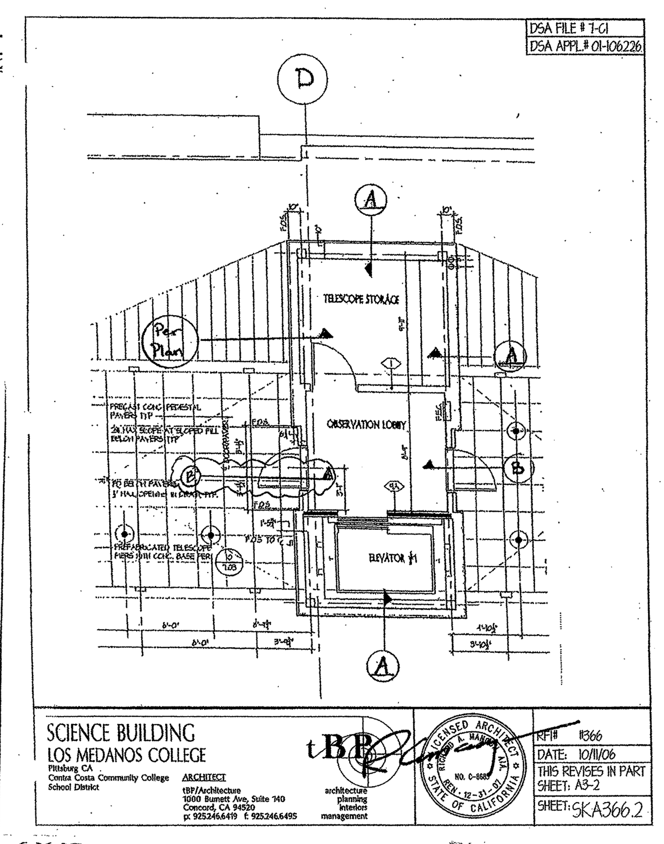
10-2-06

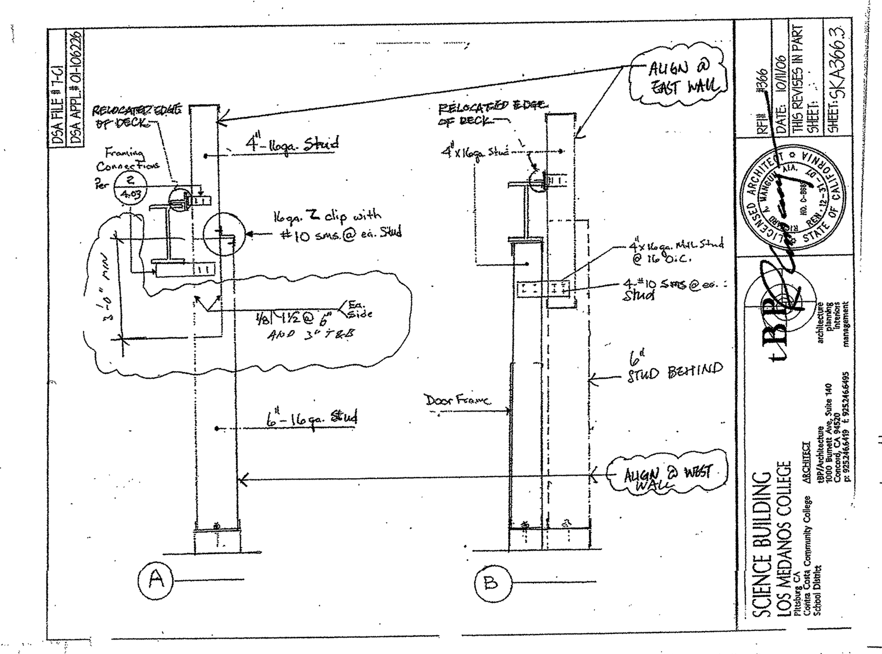
See attached mark up on sheet #219 detail 2 in Submittal #72.1 for clarification to the metal panel details. Contractor to provide revised details reflecting the attached sketch SKA366.1 and soffit detail as marked on 2/219.
Vanessa Ling/tBP - 10/4/06

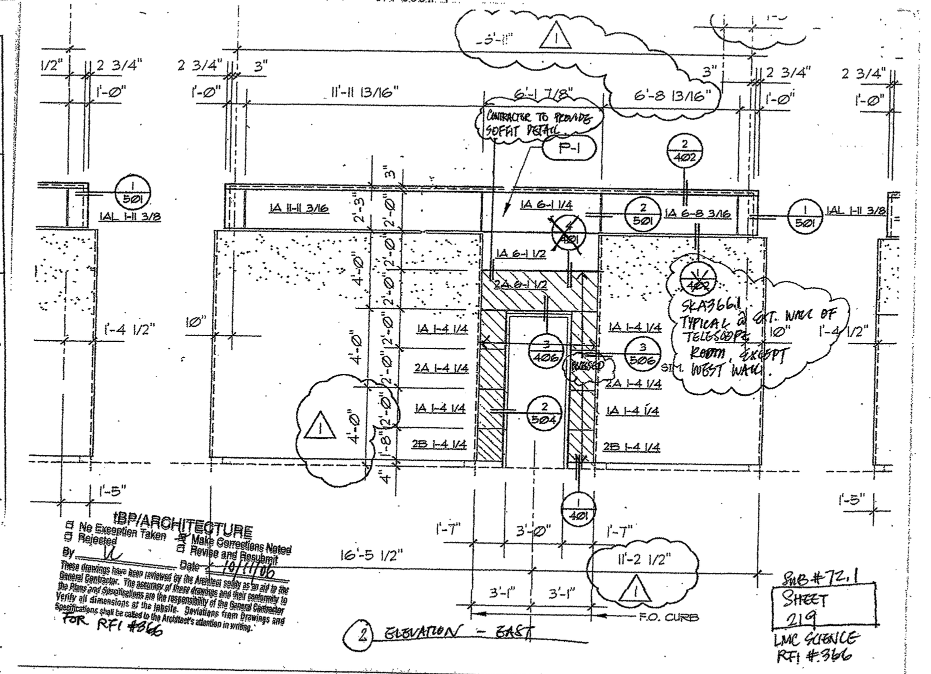
Also see attached sketch SKA366.1 to SKA366.3.
Vanessa Ling/tBP - 10/11/06

RFI # 000
Page 1









S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Finish Dimensions for Interior Column
Reference (dwg, spec.): A1-4

RFI No: **470**
Subcontractor RFI: Concord

Reply Requested By: 1/31/07

INFORMATION REQUESTED:

Date: 1/24/07

Please note the attached Concord Drywall RFI regarding the finish dimensions for the interior column at B.3 and 7 Line on the Second Floor. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

See attached sketch SKA-470.1.

Jim Weaver / tBP Architecture

1/30/07

RFI # 000
Page 1

Concord Drywall, Inc.
1717 Solano Way, #28
Concord, Ca. 94520
Office 925-676-9255 fax 925-825-9583

RFI

1/23/2007

Concord Drywall RFI

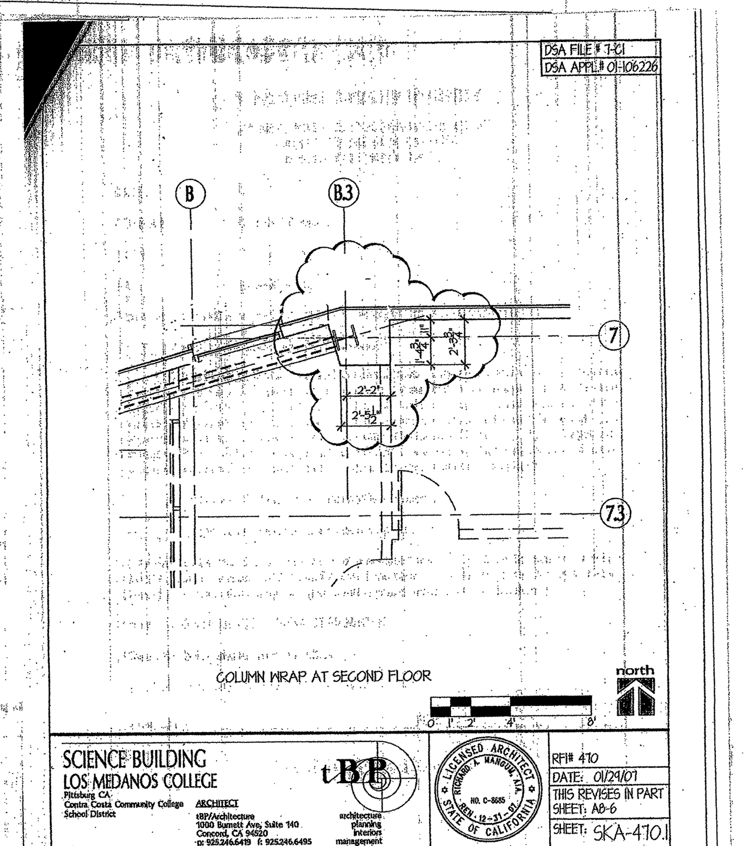
Job; Los Medanos College Science Building

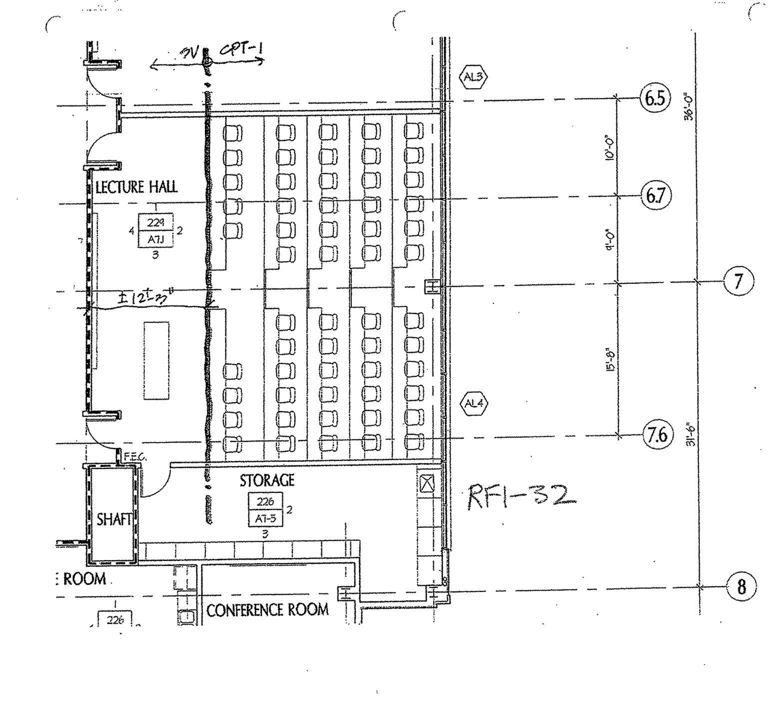
Contractor: S.J. Amoroso
Attention; Mark Delgado
Fax# 427-7570

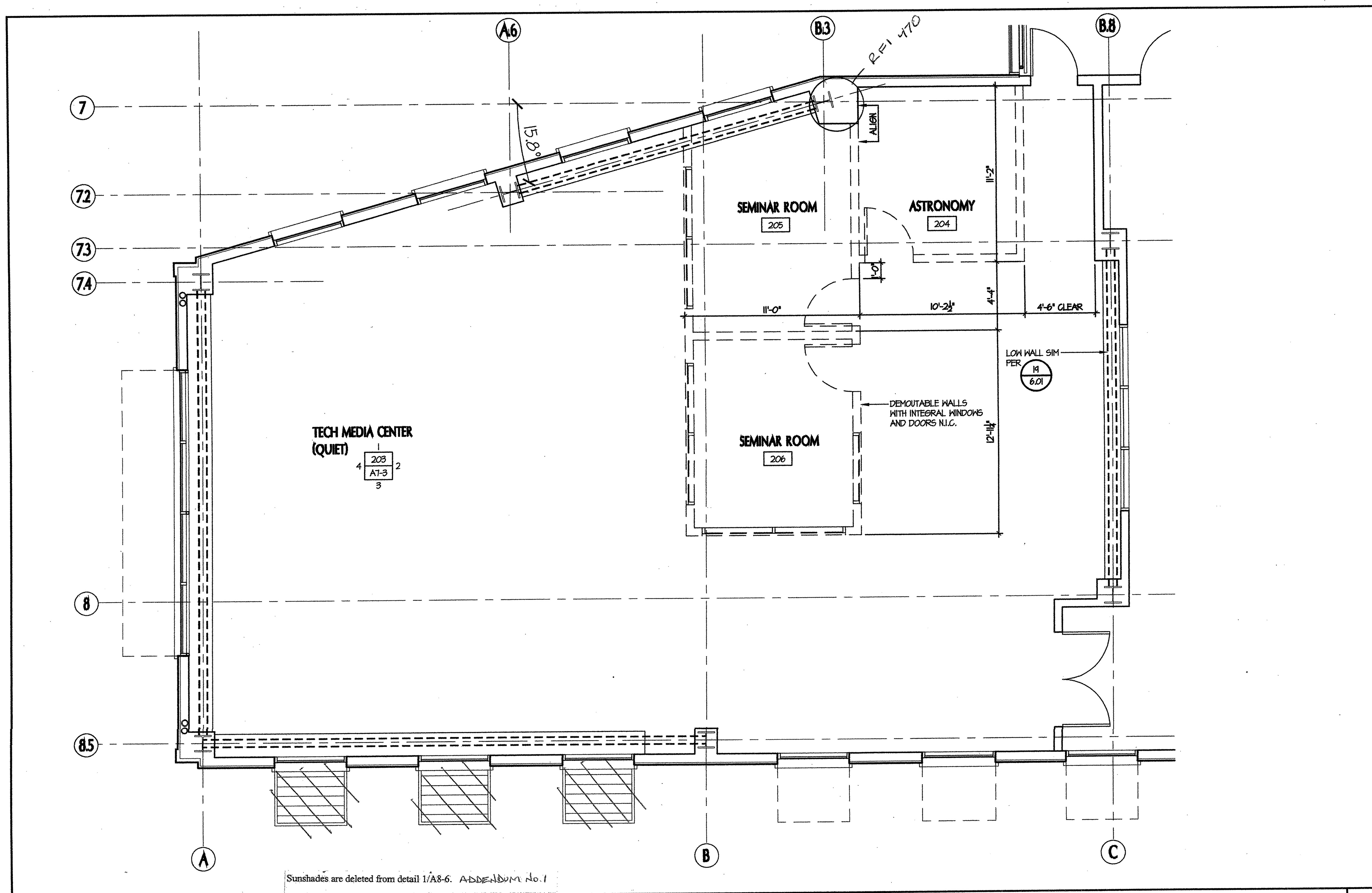
Subject; Framing Dimensions

We need finish dimensions for the interior column B.3 and 7 on the 2nd floor.

Thank You
Tim Titsworth
CEO

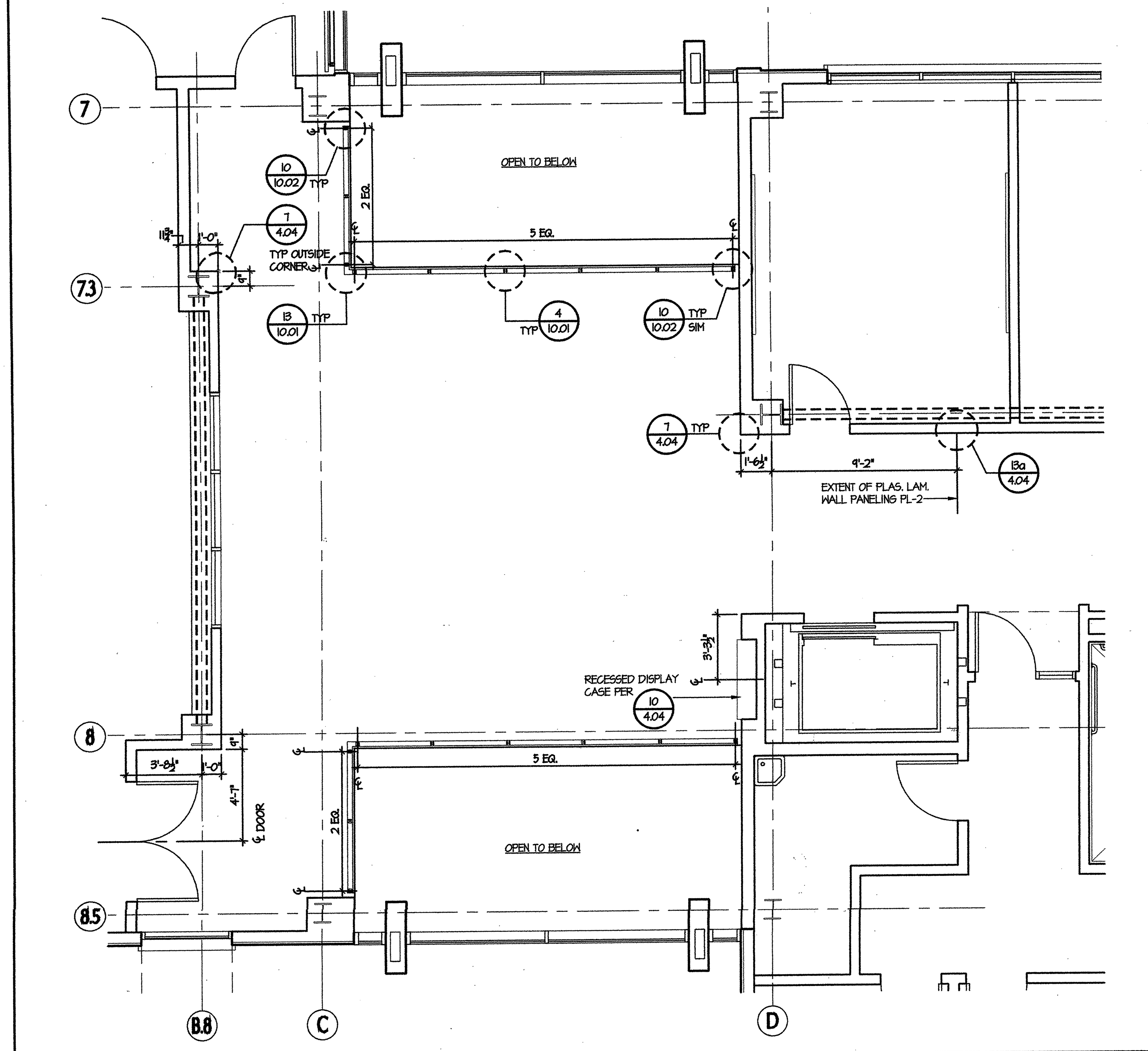






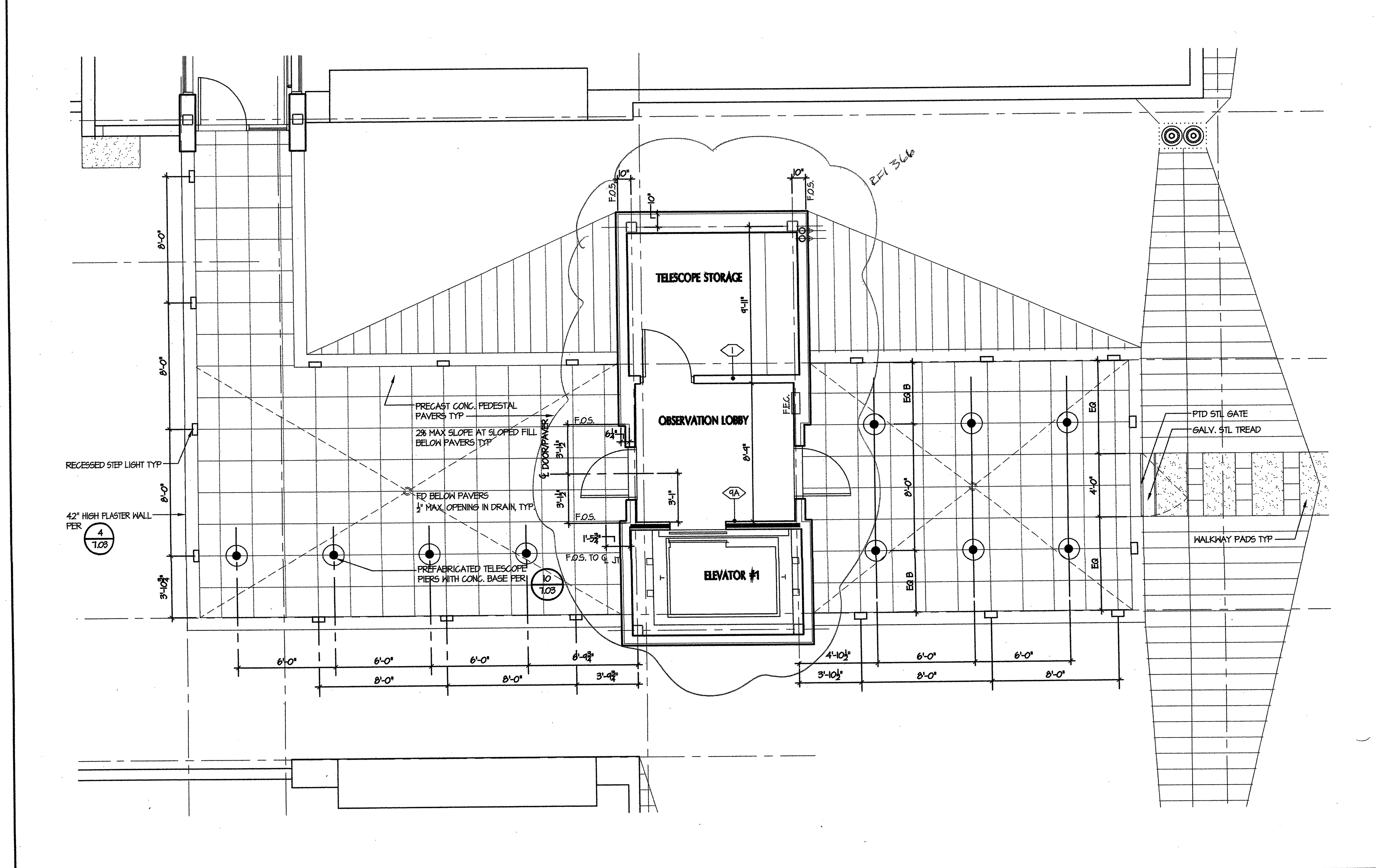
TECH/MEDIA CENTER - 203 1

SCALE: 1/4" = 1'-0"



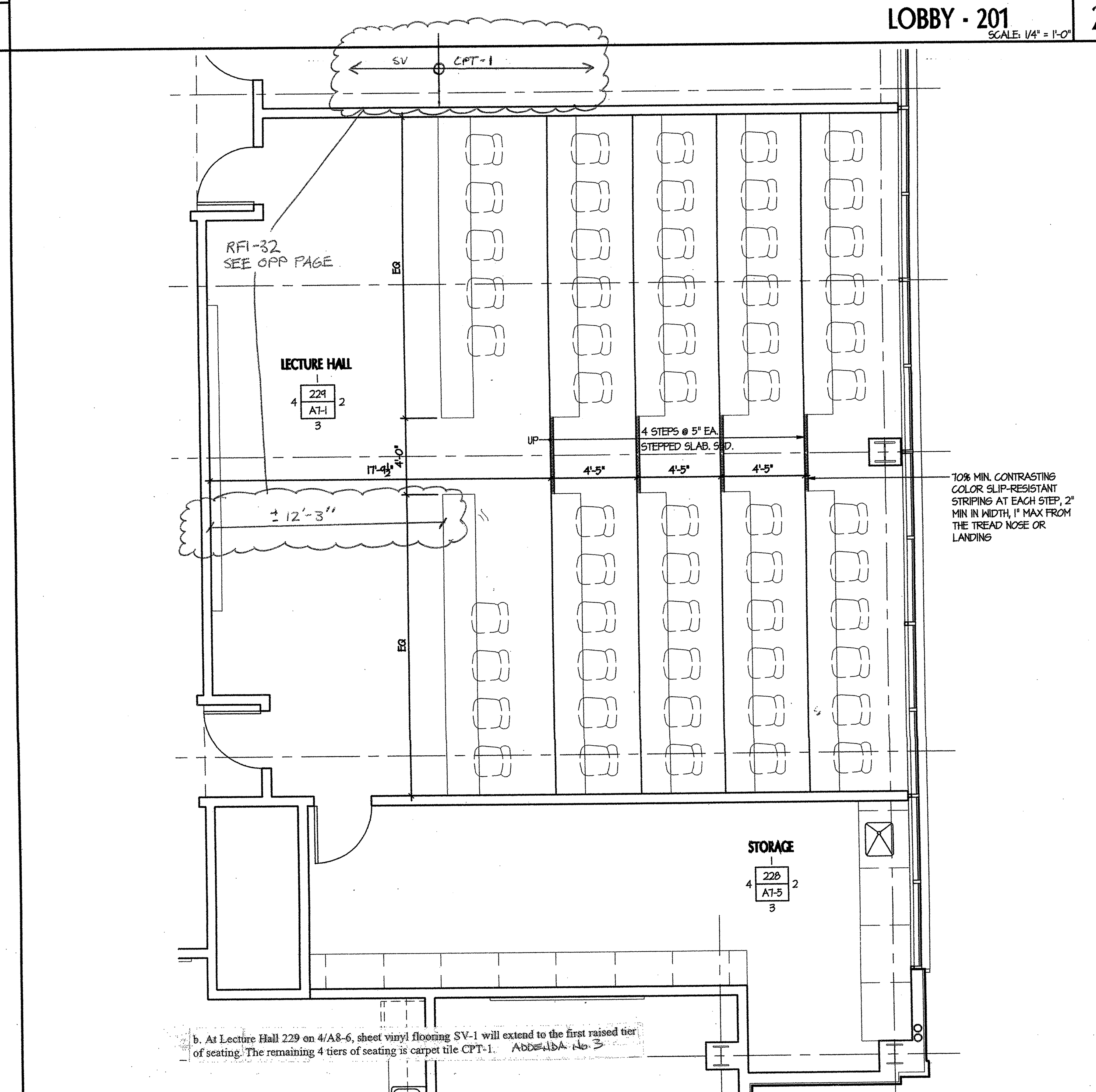
LOBBY - 201 2

SCALE: 1/4" = 1'-0"



OBSERVATION DECK AT ROOF LEVEL 3

SCALE: 1/4" = 1'-0"



LECTURE HALL 229 AND STORAGE 228 4

SCALE: 1/4" = 1'-0"

tBP architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

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Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number: 20247.00

file name: A-86.DWG

drawn by: checked by:

date: NOVEMBER 15, 2004

Rev. date: description:

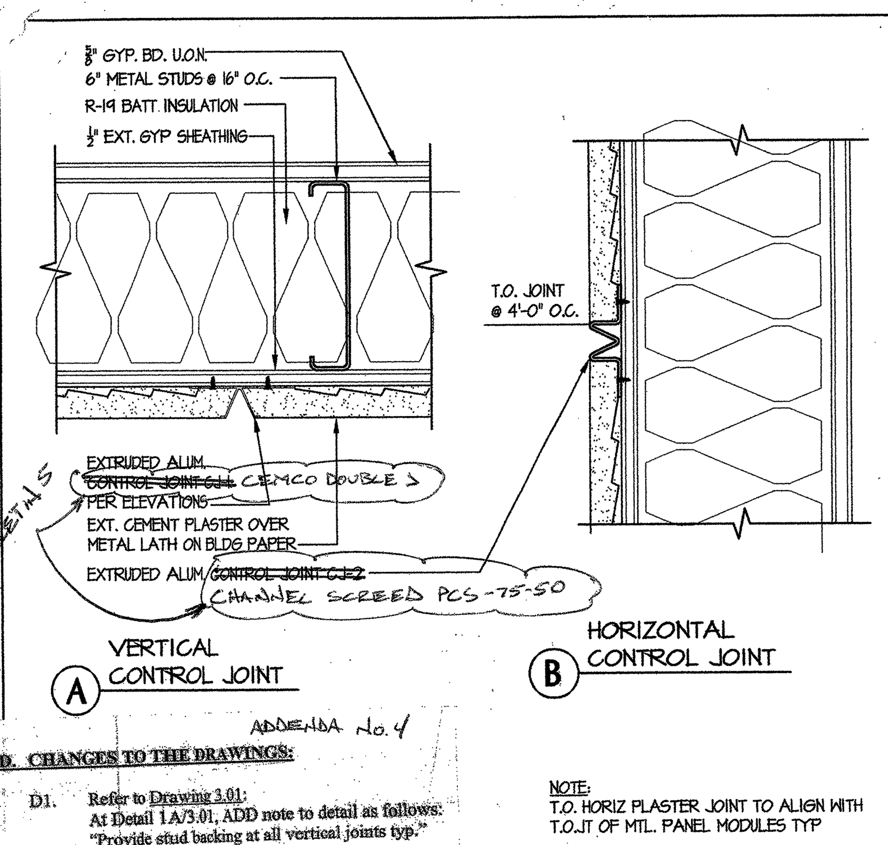
drawing title:

ENLARGED PLANS

LMC SCIENCE 313-023-112.01-0-00.00

drawing no:

A8-6



PLASTER JOINTS — 1 — SCALE: 3" = 1'-0"

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Sheet metal saddles
RFI No: 400
Reference (dwg, spec.): none
Subcontractor RFI:
Reply Requested By: 10/30/06

INFORMATION REQUESTED: Date: 10/23/06

As discussed at the Project Meeting, no saddles are shown on the contract documents at locations where they would be advisable to install. These locations include top of parapet walls as they return into main building walls, top of plaster "pop outs" as they return to main building walls, at outside corners of plaster "pop outs," at locations where exterior walls meet at inside corners, and others. There are approximately 50 locations that we are aware of. See attached sketches. Please confirm.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:

WE TAKE NO EXCEPTION TO ADDITIONAL GALV SHEET METAL "SADDLES" AND FLASHINGS AS DETAILED ON ATTACHED SKETCHES.
WE DO TAKE EXCEPTION TO SUGGESTED GSM @ WINDOW SILLS @ CONCRETE CURB. USE "PUTTY" TYPE SEALANT @ THIS LOCATION — AFTER GRINDING & SMOOTHING/SKIM COATING TOP OF CURB AS REQUIRED TO ASSURE WATERPROOF SEAL.
CONTRACTOR TO PROVIDE CPE FOR APPROVED GSM ON ATTACHED SKETCHES ASAP —

10/25/06

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Plaster drip mold, submittal 18.1
RFI No: 347
Reference (dwg, spec.): submittal 18.1
Subcontractor RFI:
Reply Requested By: 9/21/06

INFORMATION REQUESTED: Date: 9/14/06

Submittal no. 18.1; item no. 7 is for a D75-75 plaster drip mold, which was given a status of revise and resubmit.

However, subsequent communications and sketches have shed new light on the issue. Please confirm that the updated status of the D75-75 is now "No Exceptions Taken"

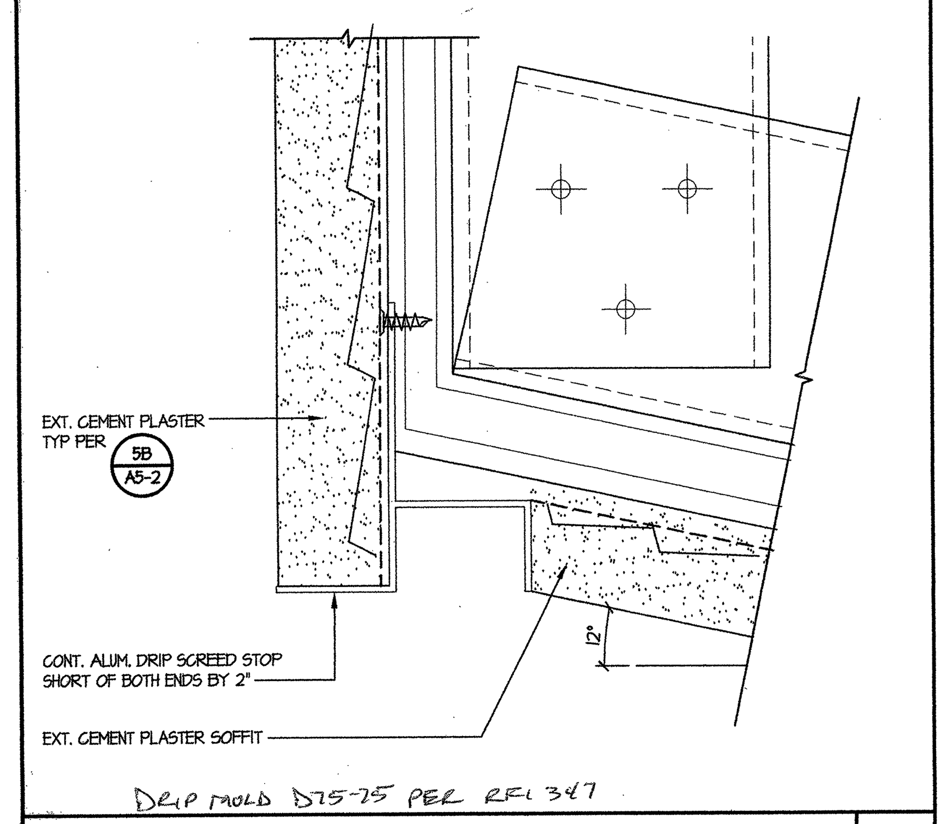
SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE: 09/29/06

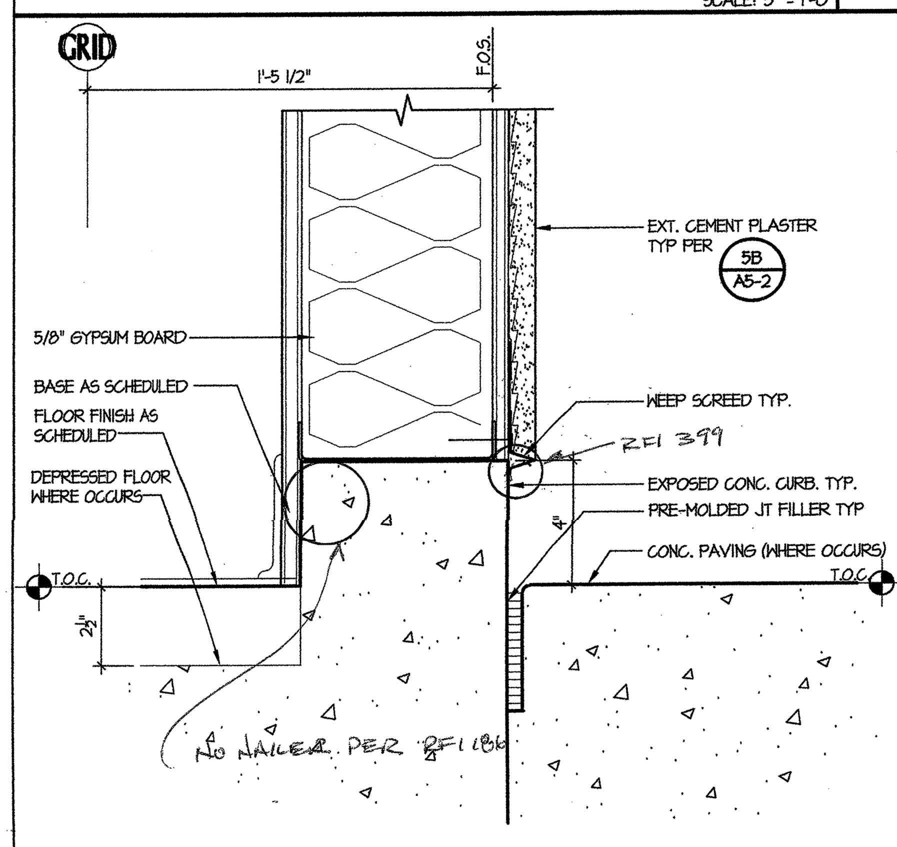
tBP takes No Exception to the use of D75-75 plaster drip mold.

Jeff Mills

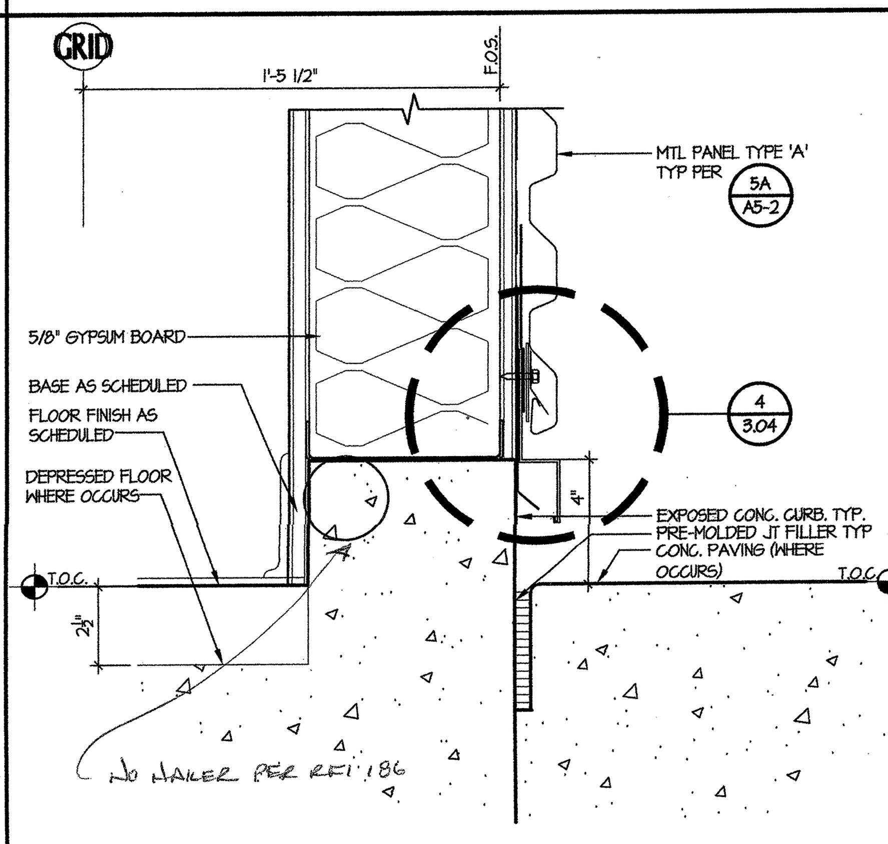
RFI # 000
Page 1



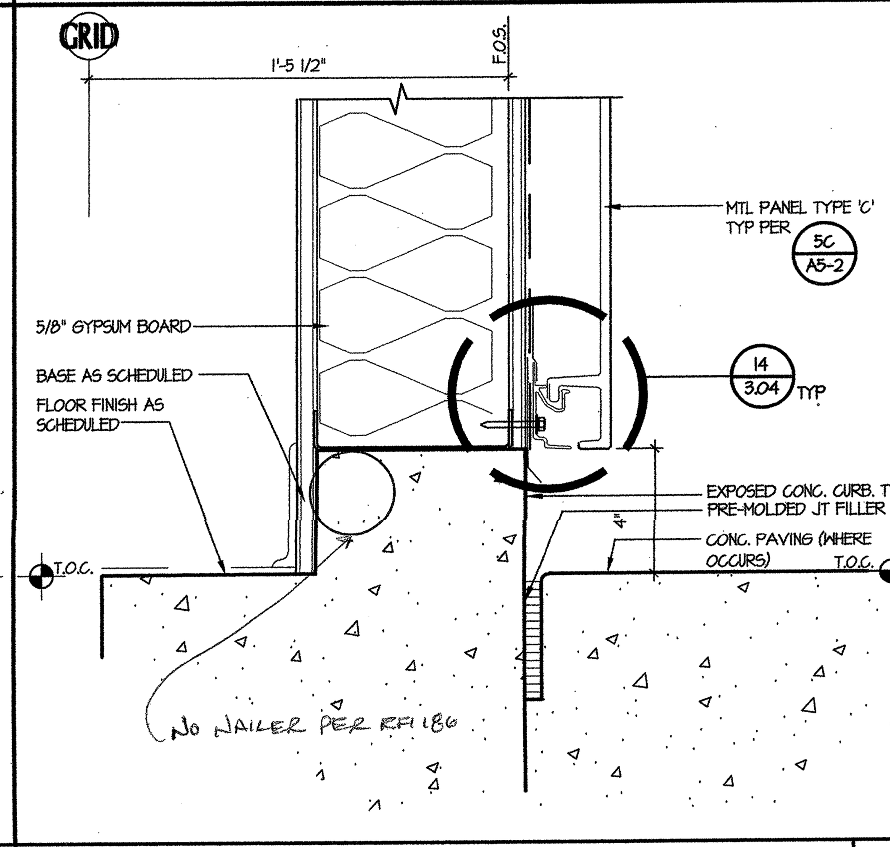
DRIP SCREED AT SLOPED PLASTER SOFFIT — 5 — SCALE: FULL



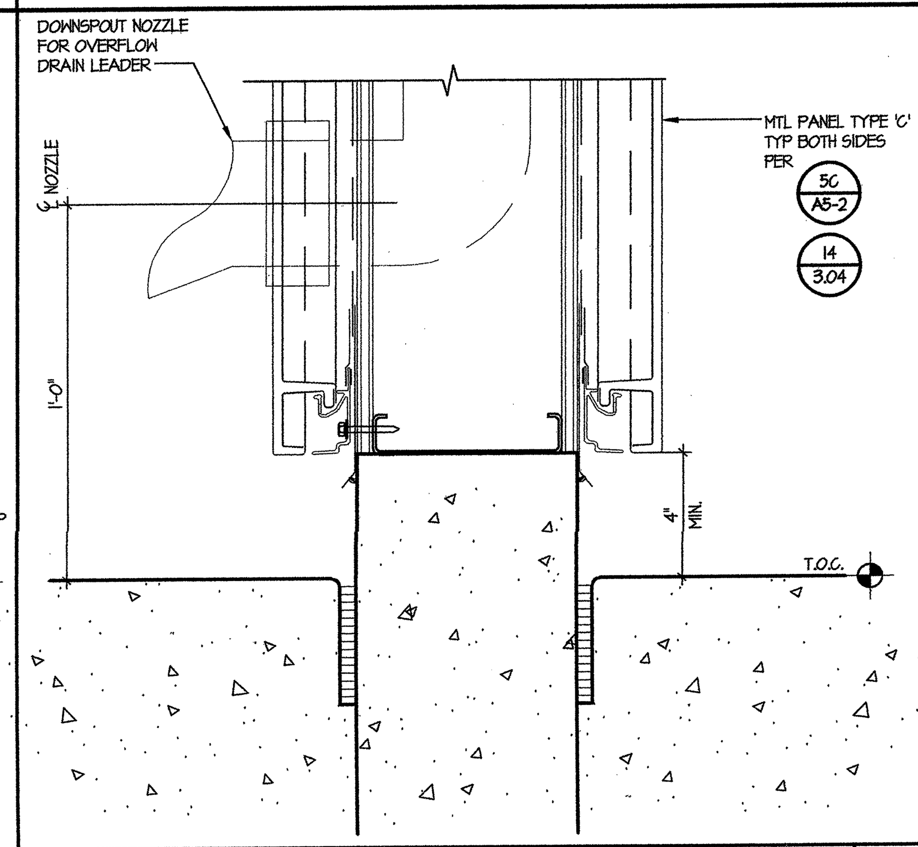
TYP. CURB DETAIL AT EXT. PLASTER — 6 — SCALE: 3" = 1'-0"



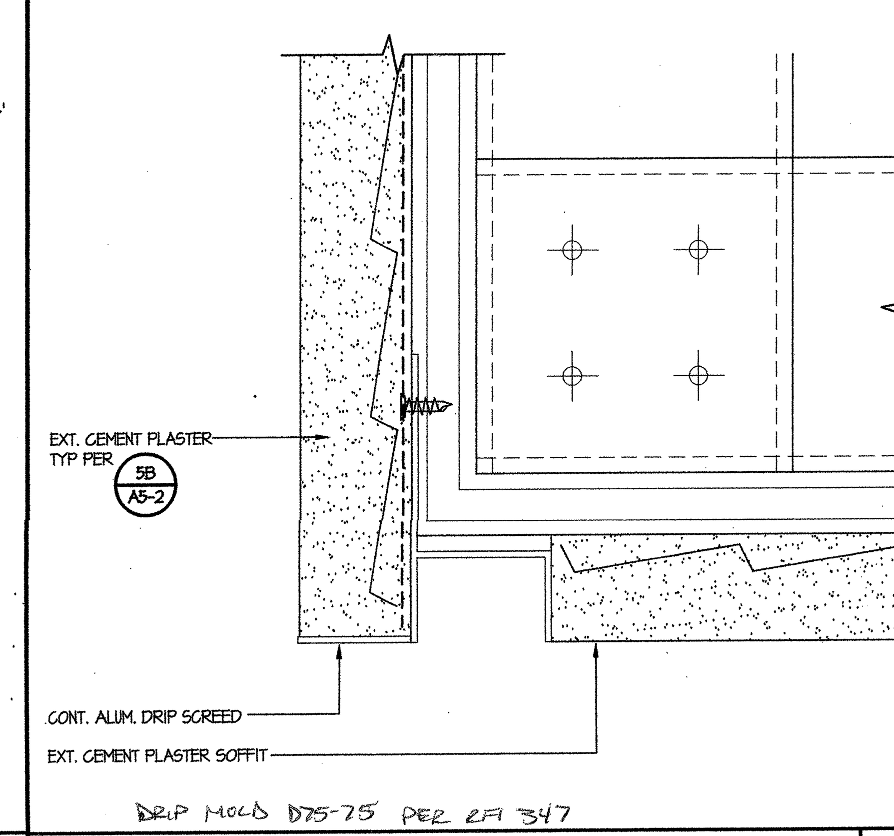
TYP. CURB DETAIL AT MTL PANEL TYPE 'A' — 7 — SCALE: 3" = 1'-0"



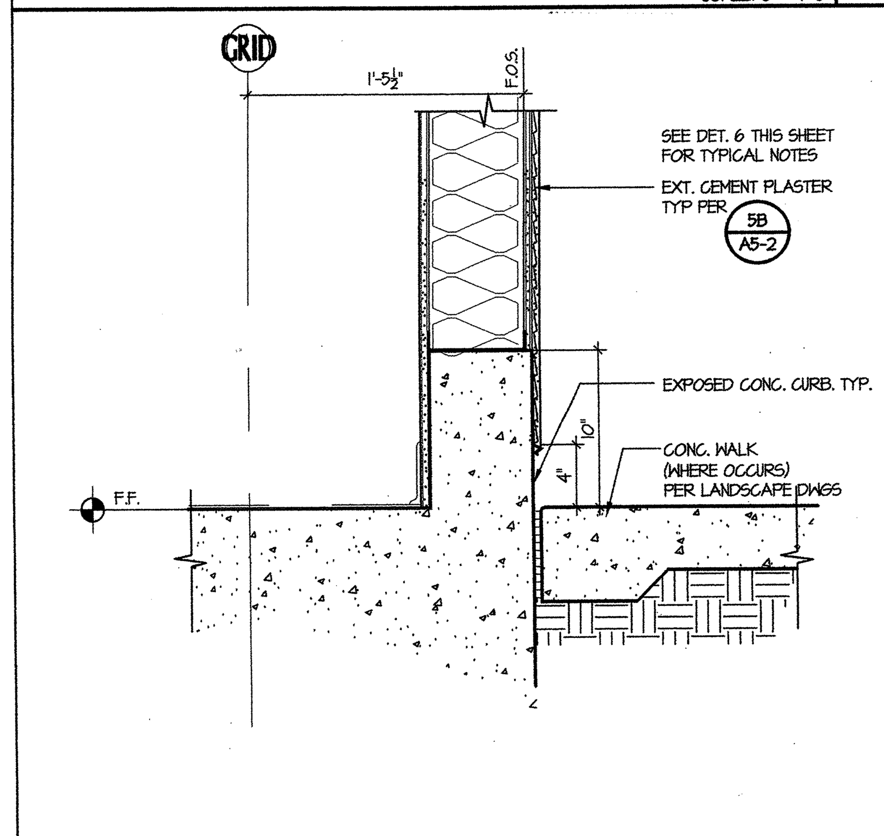
TYP. CURB DETAIL AT MTL PANEL TYPE 'C' — 8 — SCALE: 3" = 1'-0"



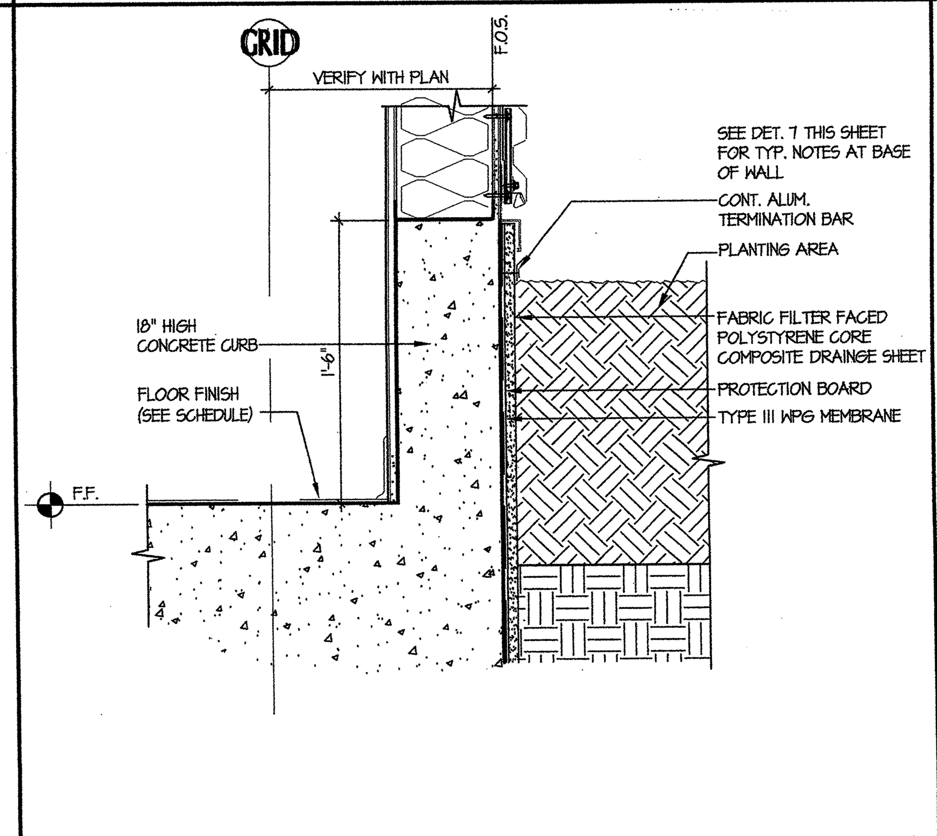
CURB DETAIL AT MTL PANEL TYPE 'C' — 9 — SCALE: 3" = 1'-0"



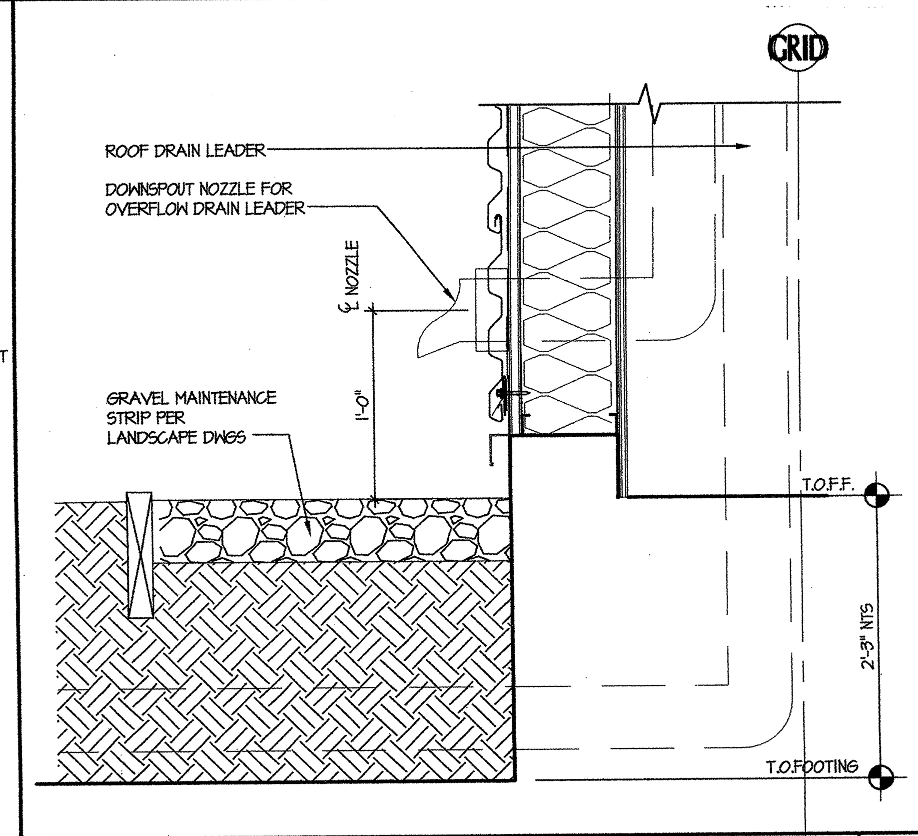
DRIP SCREED AT PLASTER SOFFIT — 10 — SCALE: FULL



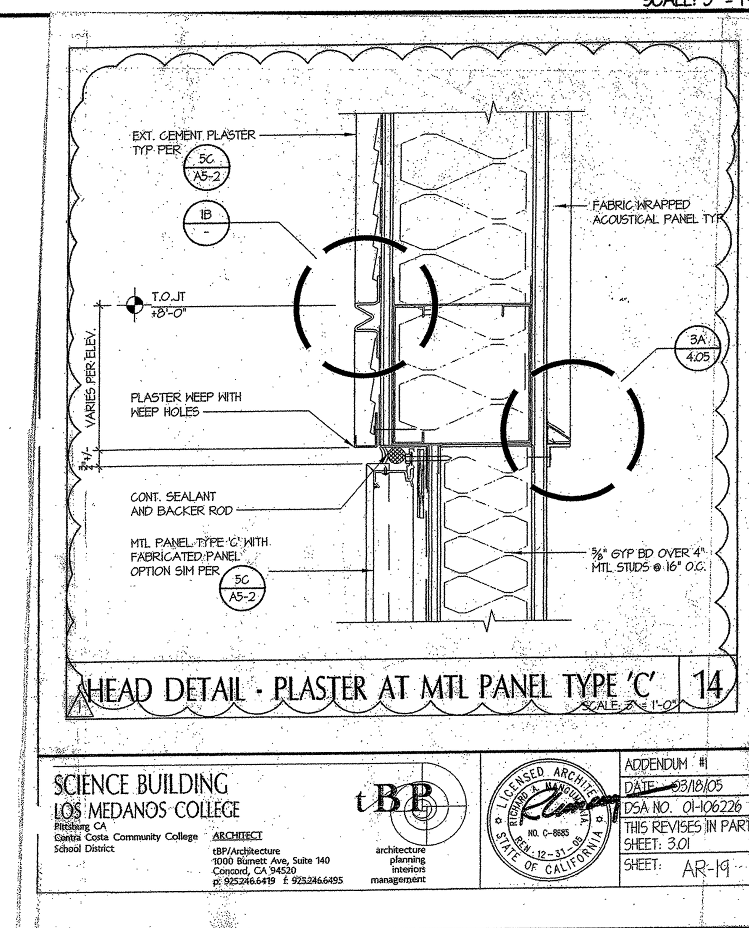
CURB AT EXT. PLASTER WALL — 11 — SCALE: 1 1/2" = 1'-0"

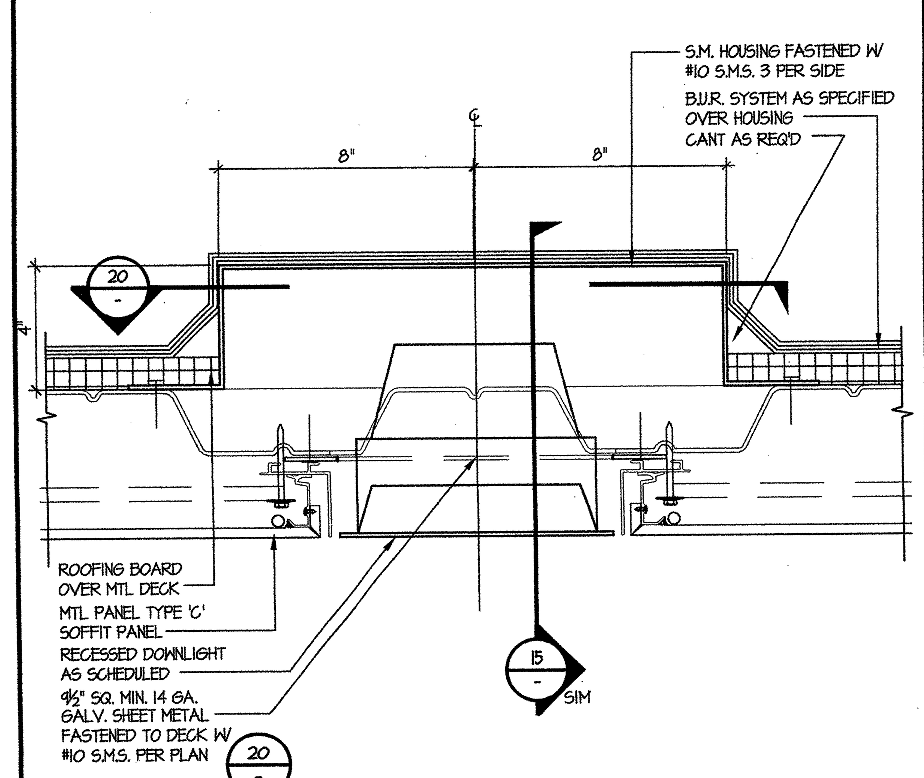


HIGH CURB AT MTL PANEL TYPE 'A' — 12 — SCALE: 1 1/2" = 1'-0"

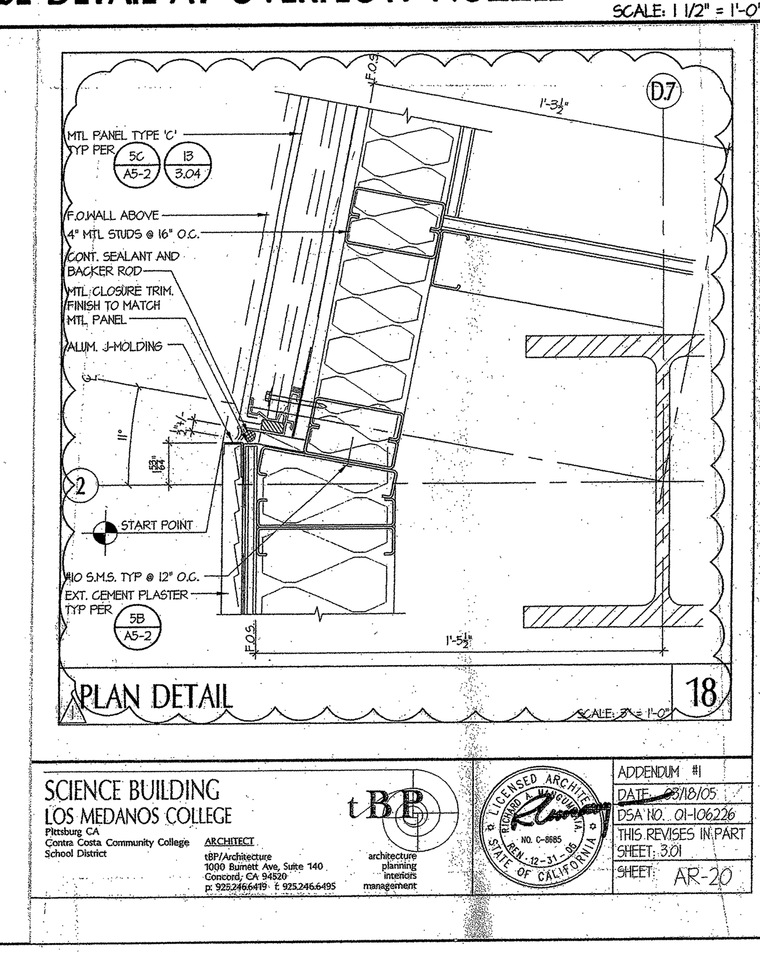


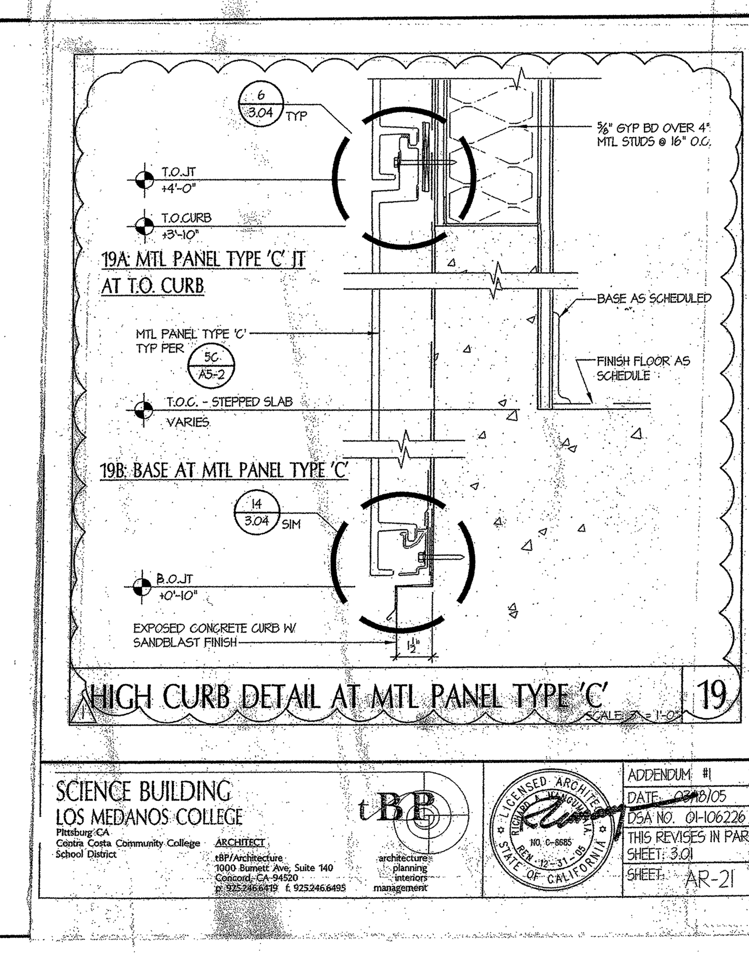
BASE DETAIL AT OVERFLOW NOZZLE — 13 — SCALE: 1 1/2" = 1'-0"

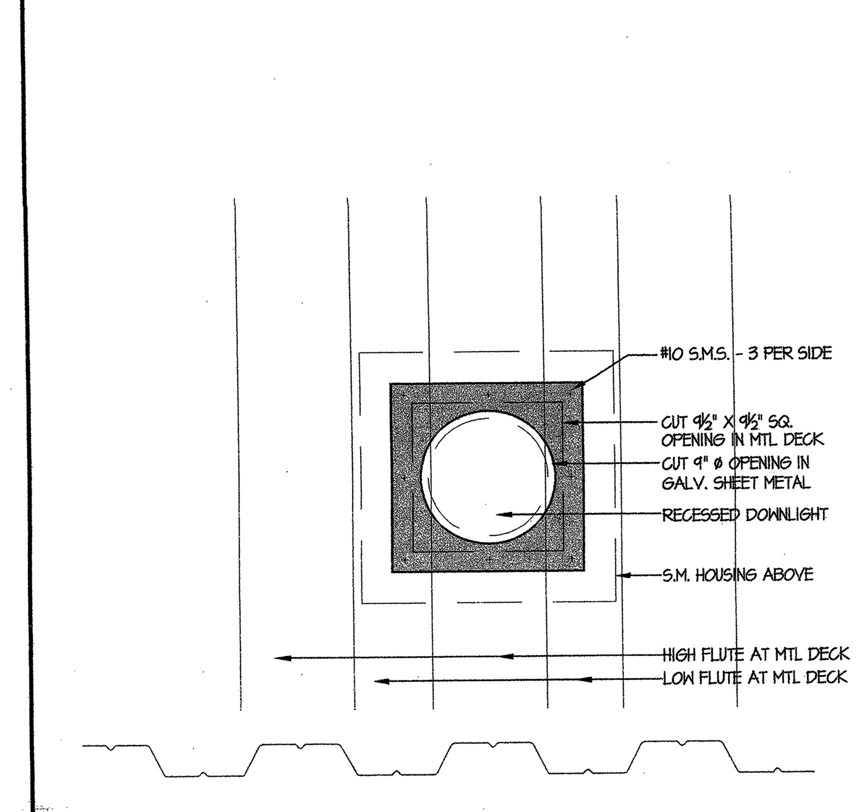




CANOPY RECESSED DOWNLIGHT HOUSING — 15 — SCALE: 3" = 1'-0"







PARTIAL PLAN AT DOWNLIGHT HOUSING — 20 — SCALE: 1 1/2" = 1'-0"

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p. 925.246.6419 f. 925.246.6495

architecture planning interiors management

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p. 415-396-9500 f.

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Contra Costa Community College District

tBP project number: 20247.00
file name: DTL-0301.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
EXTERIOR DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
3.01

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00

Subj.: Conflicts with RWL's at 4, 5 and 6 lines
Reference (dwg, spec.) : 2/3.02

RFI No: **235**
Subcontractor RFI: Dowdle 47

Reply Requested By: 6/7/06

INFORMATION REQUESTED: Date: 5/31/06

Per attached Dowdle RFI 47, there is a conflict in three locations between RWL and structural steel/column framing. The conflict itself is not shown on detail 2/3.02. However, the RWL piping shown in 2/3.02 needs to be routed "out" of the column pocket it is shown in and therein lies the conflict. Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 5.31.06

Per our discussion and as indicated on attached detail 2/3.02, there should be +/-5 3/8" clear from edge of flange to f.o.stud above soffit for the RWL (OD=+/-4 1/2")to pass through to route from roof drain locations as indicated on Bulletin #17 to location between flanges as indicated in detail 2/3.02.

Attachments:

By: C. Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	~~5/26/06~~ 5.31.06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	5.31.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

Dowdle & Sons Mechanical, Inc.
P.O. Box 3316
Napa, CA 94558
Ph : (707)224-6968

RFI

To: Justin Warren, SJ Amoroso, 390 Bridge Parkway, Redwood Shores, CA 94065
Ph: 650-654-1900 Fax: 650-654-9002

RFI #: 47
Date: 5/30/2006
Job: 437 Los Medanos College
Phone: 925-427-7567

CC:

Subject: Rain Water Leaders @ 4, 5, 6 Lines

Drawing: Spec Section:
Cost Impact: Schedule Impact:

Request: Date Required: 6/6/2006

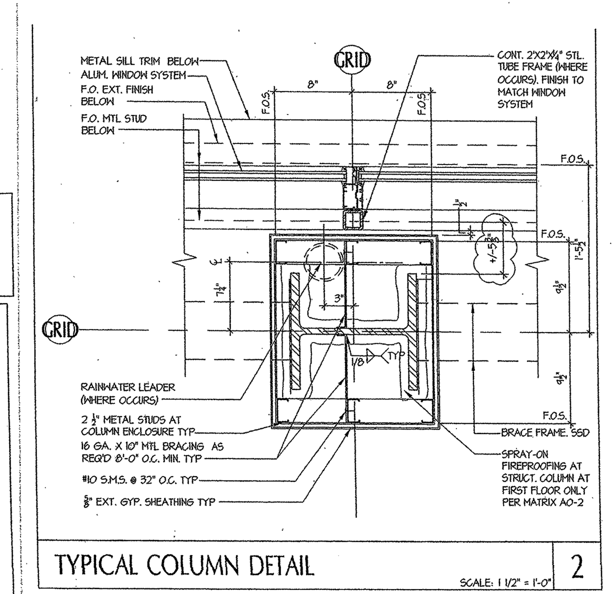
Rain Water Leaders @ 4, 5, 6 Lines are in conflict with structural steel and cannot be installed per Detail 2 on 3.02. From face of steel to face of stud there is 3-3/8". At these locations 4" Pipe is depicted, being 4-1/2" O.D. Please advise.

Requested by: Staci Freeman, Dowdle & Sons Mechanical, Inc

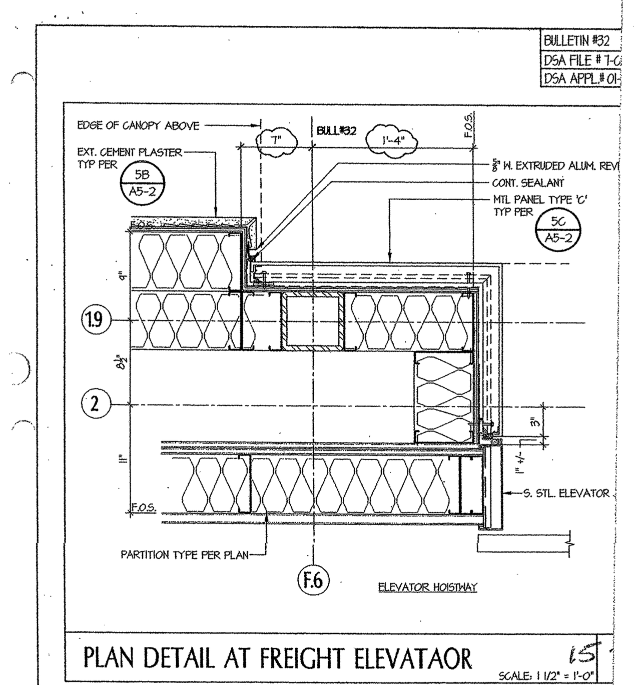
Response:

Answered By
Company
Date

Page 1 of 1



TYPICAL COLUMN DETAIL 2



PLAN DETAIL AT FREIGHT ELEVATAOR

BULLETIN #32
DSA FILE # 7-C1
DSA APPL.# 01-106226

SCIENCE BUILDING
LOS MEDANOS COLLEGE

E-MAILED 5.18.06

Bulletin No.35

Date: May 18, 2006 REV 5/19/06

To: S.J. Amoroso Construction, 390 Bridge Parkway, Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Sheet 3.02, Submittal #77:

Clarification to intersection of interior wall with perimeter strip window:

See attached detail SKA-35.1 for proposed infill at intersection of interior partition wall at vertical mullion where there is no vertical TS frame member.

See attached plan sketches of first and second floor for locations – ~~four~~ TWO locations at first floor and one location at second floor. Contractor to advise Architect if there are any additional locations where this infill is required.

Note that extruded aluminum channel at wall (wall cap) is noted on detail 5/3.02 as by window manufacturer, but is not shown on details of Submittal #77. Contractor to verify that this wall cap is in the scope of work of the curtainwall/storefront sub-contractor or another trade's scope of work.

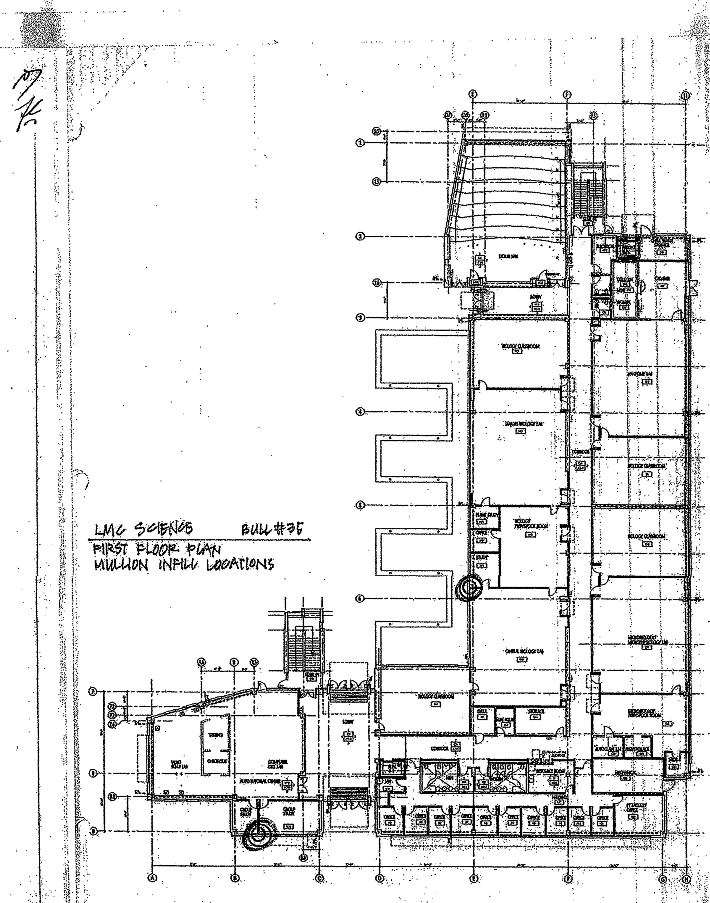
Issued By: Architect
Requested By: Architect
Reason: Clarification to intersection of interior wall with perimeter strip window
Enclosures: SKA-35.1

Distribution: Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

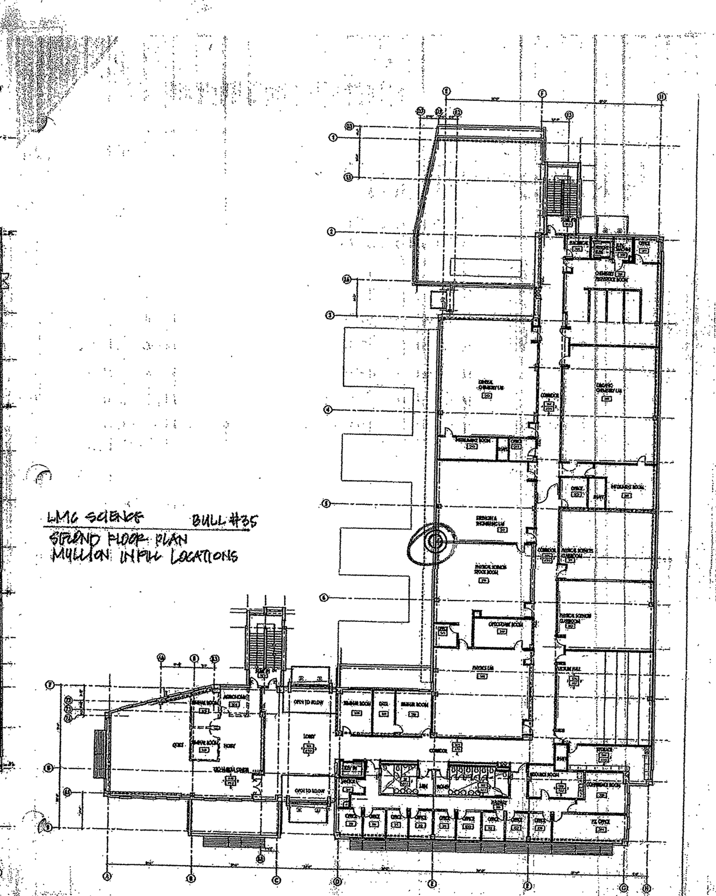
Action:
☒ For Information/Clarification only
☒ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
☐ Requires DSA review and approval
☐ Proceed as authorized by District

CC: CAPITOL GLASS :CONCORD

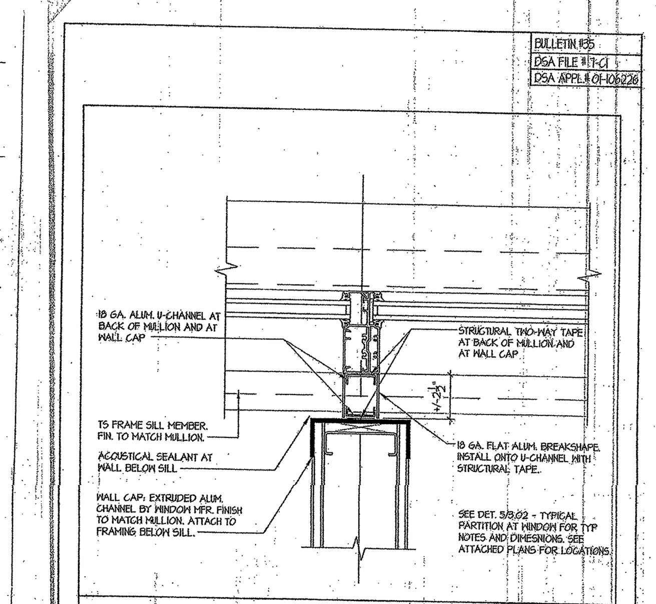
tBP/Architecture 1000 Burnett Ave. Suite 140 Concord, CA. 94520 ph: 925.246.6419 fax: 925.246.6495



LMC SCIENCE BULL #35 FIRST FLOOR PLAN MULLION INFILL LOCATIONS



LMC SCIENCE BULL #35 SECOND FLOOR PLAN MULLION INFILL LOCATIONS



MULLION INFILL AT STRIP WINDOW

SCIENCE BUILDING
LOS MEDANOS COLLEGE
SKA-35.1

Bulletin No.35B

Date: 11/3/2006

To: S.J. Amoroso Construction, 390 Bridge Parkway, Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Bulletin #35

Clarification to intersection of interior wall with perimeter strip window:

Clarification to location of infill noted at Bulletin #35. See this Bullet for overall locations required.

In lieu of the (2) location noted in Bulletin #35, see attached plan sketches of first and second floor plans for new locations – (12) locations at first floor and (15) locations at second floor.

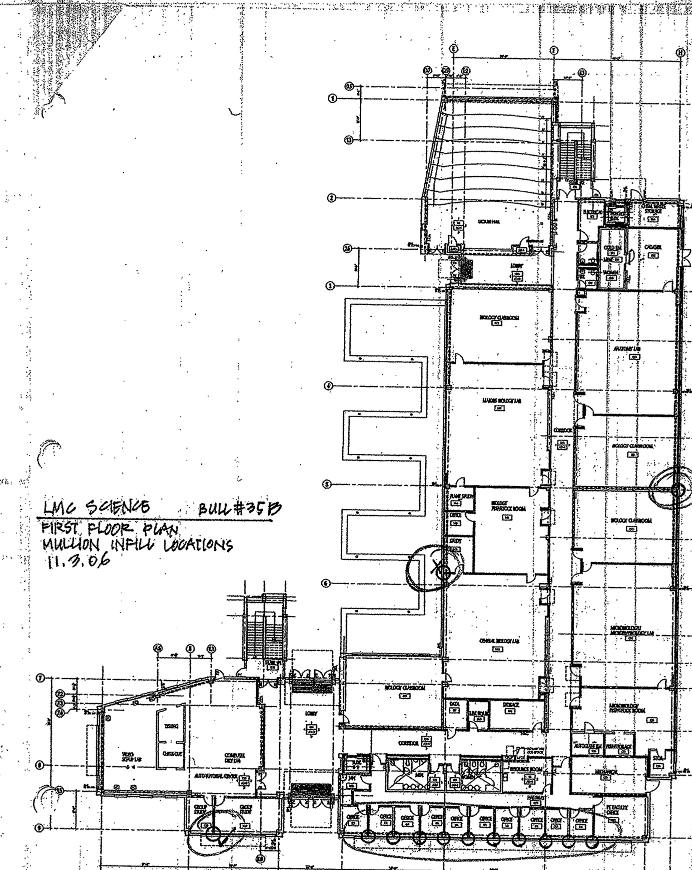
Contractor to advise Architect if there are any additional locations where this infill is required. See SKA-35.1/Bulletin #35 for detail.

Issued By: Architect
Requested By: Architect
Reason: Clarification to intersection of interior wall with perimeter strip window
Enclosures: 1st and 2nd floor location plans

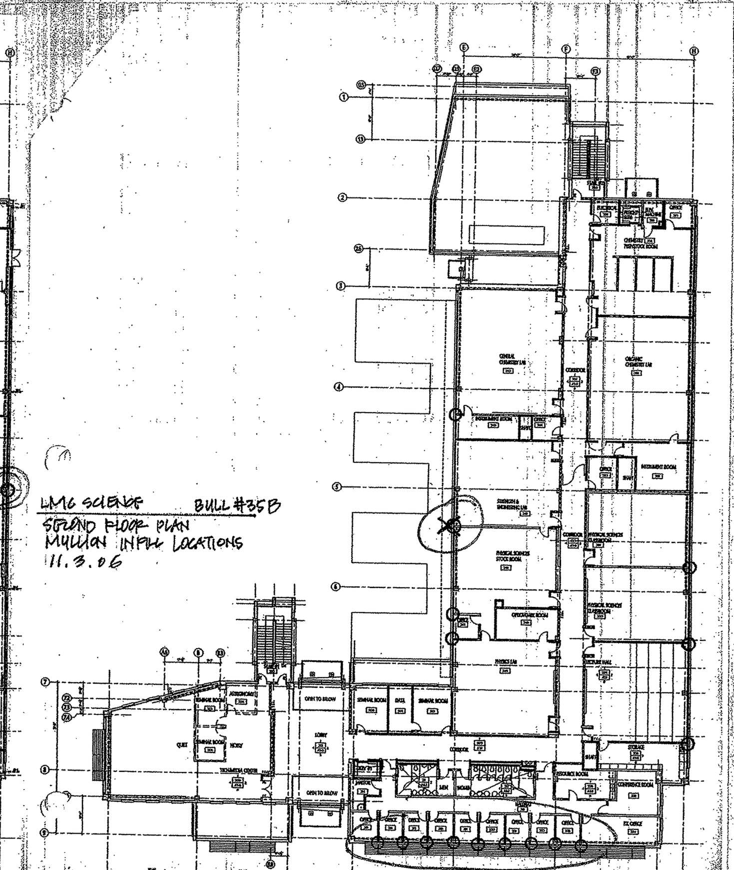
Distribution: Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

Action:
☒ For Information/Clarification only
☒ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
☐ Requires DSA review and approval
☐ Proceed as authorized by District

tBP/Architecture. 1000 Burnett Ave. Suite 140 . Concord, CA. 94520. ph: 925.246.6419. fax: 925.246.6495



LMC SCIENCE BULL #35B FIRST FLOOR PLAN MULLION INFILL LOCATIONS 11.3.06



LMC SCIENCE BULL #35B SECOND FLOOR PLAN MULLION INFILL LOCATIONS 11.3.06

Bulletin No.35C

Date: 9/26/2006

To: S.J. Amoroso Construction, 390 Bridge Parkway, Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Sheet 3.02, Submittal #22.1:

Clarification to intersection of interior rated wall with perimeter strip window:

See attached sketches for added vertical TS frame member (except line item #5), total of 10 locations as follow. Reference details 5/3.02 and SKA-35C.3 (revised detail of 8/3.02).

At First Floor, refer to SKA-35C.1:

1. On Grid E and intersection to north wall of Major Biology Lab #143.
2. On Grid E and intersection to both north and south wall of Office #146.
3. On Grid H and intersection to north wall of Biology Classroom #131.
4. On Grid H and intersection to south wall of Biology Classroom #130.
5. For clarification only, on Grid H and intersection to north wall Cadaver #133, intersection of interior rated wall with perimeter strip window with vertical TS is per detail 5/3.02 in Contract Documents. No cost shall apply for this location.

At Second Floor, refer to SKA-35C.2:

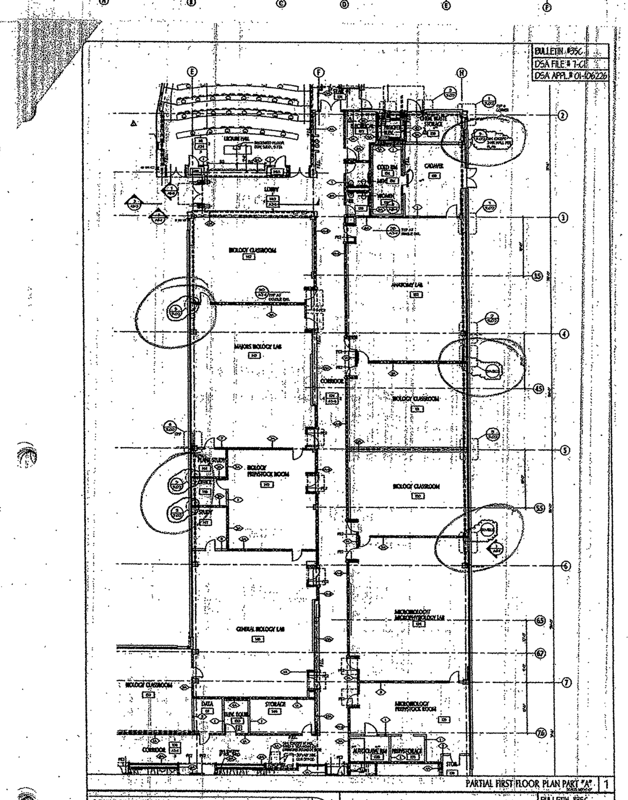
6. On Grid E and intersection to north wall of Strength & Engineering Lab #245.
7. On Grid H and intersection to south wall of Office #237.
8. On Grid H and intersection to both north and south wall of Organic Chemistry Lab #235.
9. On Grid H and intersection to south wall of Instrument Room #233.

Contractor also to provide cost option of attached Hilti Drawing 69258C at the rated wall with perimeter strip window for the locations noted above.

Issued By: Architect
Requested By: Architect
Reason: Clarification to intersection of 1-hour rated interior wall with perimeter strip window

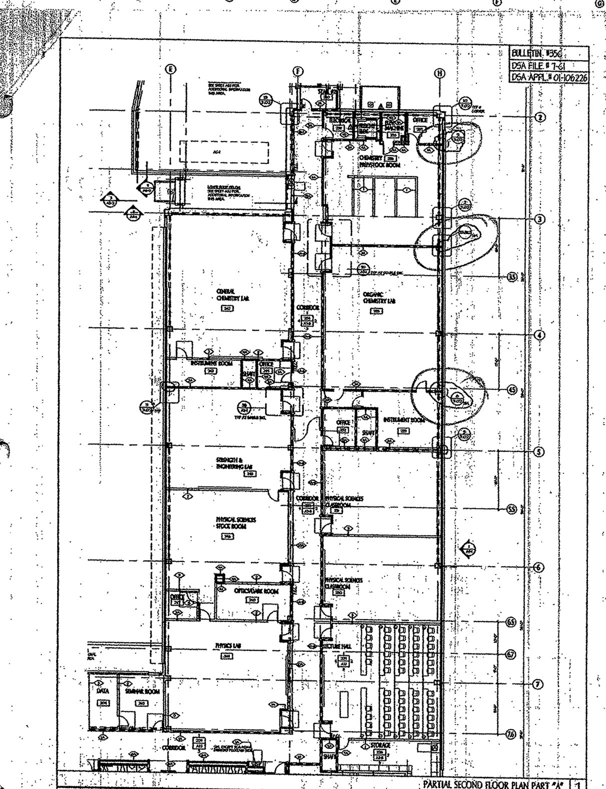
CC: MIGUEL

tBP/Architecture. 1000 Burnett Ave. Suite 140 . Concord, CA. 94520. ph: 925.246.6419. fax: 925.246.6495



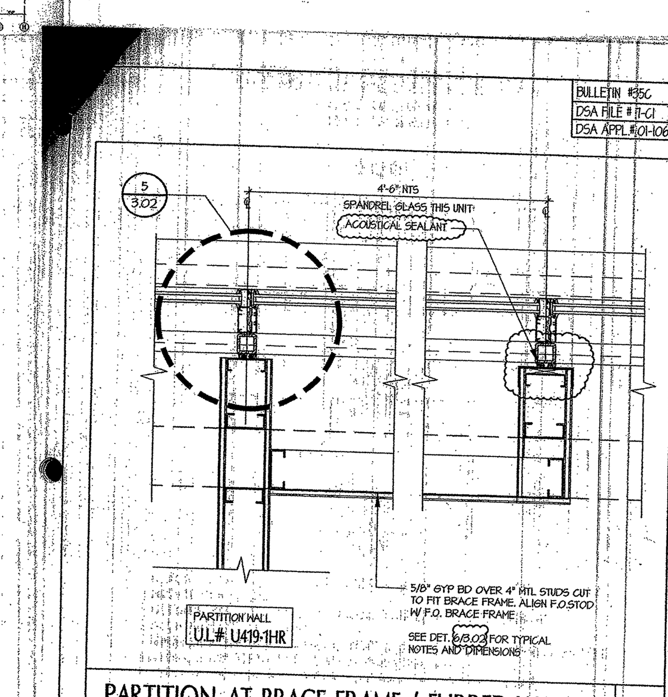
PARTIAL FIRST FLOOR PLAN

SKA-35C.1



PARTIAL SECOND FLOOR PLAN

SKA-35C.2



PARTITION AT BRACE FRAME / FURRED WALL 8
SCALE: 1 1/2" = 1'-0"

BULLETIN #35C
DSA FILE # 7-C1
DSA APPL.# 01-106226

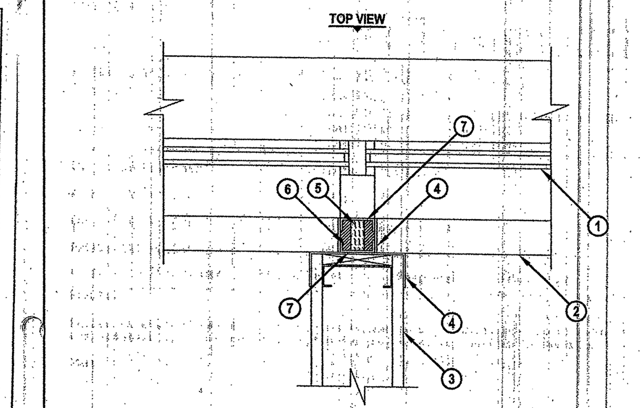
SCIENCE BUILDING
LOS MEDANOS COLLEGE

BULLETIN #35C
DATE 9/26/06
DSA NO. 01-106226
THIS REVISES IN PART SHEET: 8/3.02
SHEET: SKA-35C.3

ENGINEERING JUDGMENT FIRESTOP DETAIL

PROJECT : LMC SCIENCES
ARCHITECT : TBP ARCHITECTS

TOP VIEW



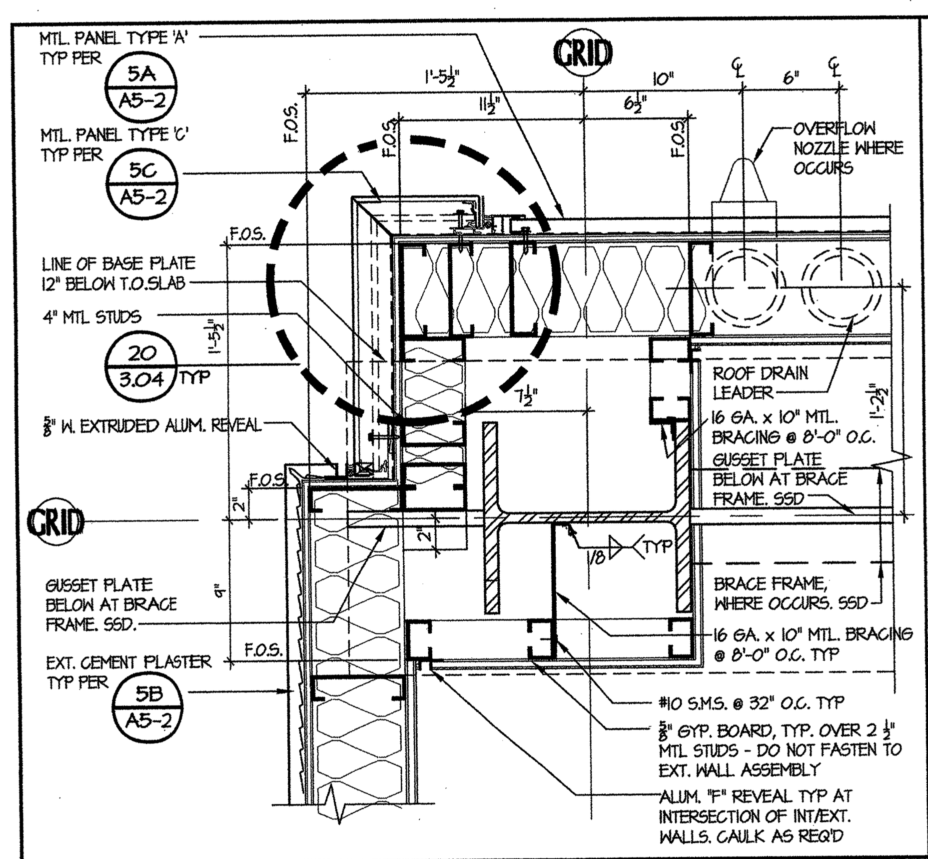
1. GLASS AND ALUMINUM MULLION CURTAIN WALL ASSEMBLY (NON FIRE-RATED).
2. HORIZTONAL STEEL TUBE.
3. GYPSUM WALL ASSEMBLY (UL/cUL CLASSIFIED) (1-HR. FIRE-RATING).
4. ALUMINUM WALL CLOSURE.
5. MINIMUM 1" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED.
6. MINIMUM 1/2" DEPTH HILTI CP 606 FLEXIBLE FIRESTOP SEALANT.
7. 18 GA. ALUM. U-CHANNEL AT BACK OF MULLION AND AT WALL CAP.

NOTES : 1. MAXIMUM WIDTH OF JOINT = 3".
2. THIS SYSTEM IS DESIGNED AS A COLD SMOKE SEAL ONLY.

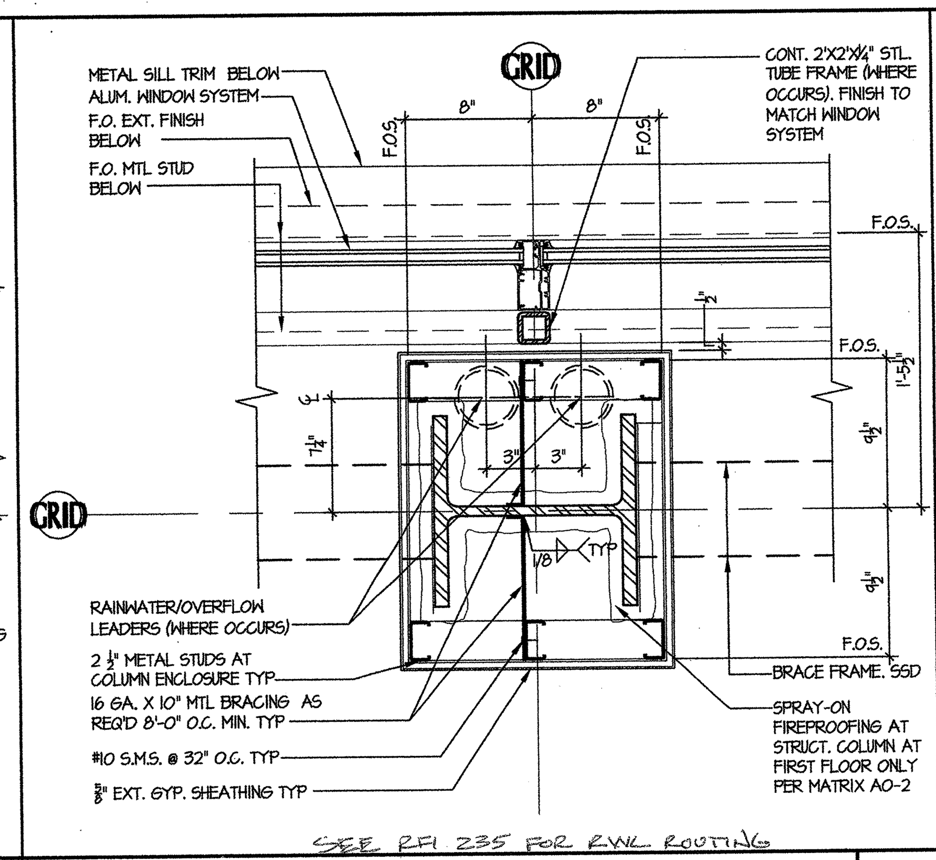
THIS ENGINEERING JUDGMENT REPRESENTS A FIRESTOP SYSTEM THAT WOULD BE EXPECTED TO PASS THE STATED RATINGS IF TESTED. (REFERENCE : UL SYSTEM NO. WW-D-1012)

Hilti Firestop Systems
HILTI, Inc. Tulsa, Oklahoma USA (800) 879-8000
Designed by
Sheet 1 of 1
Scale 7/32" = 1"
Date Sep. 21, 2006
Drawing No. 69258c

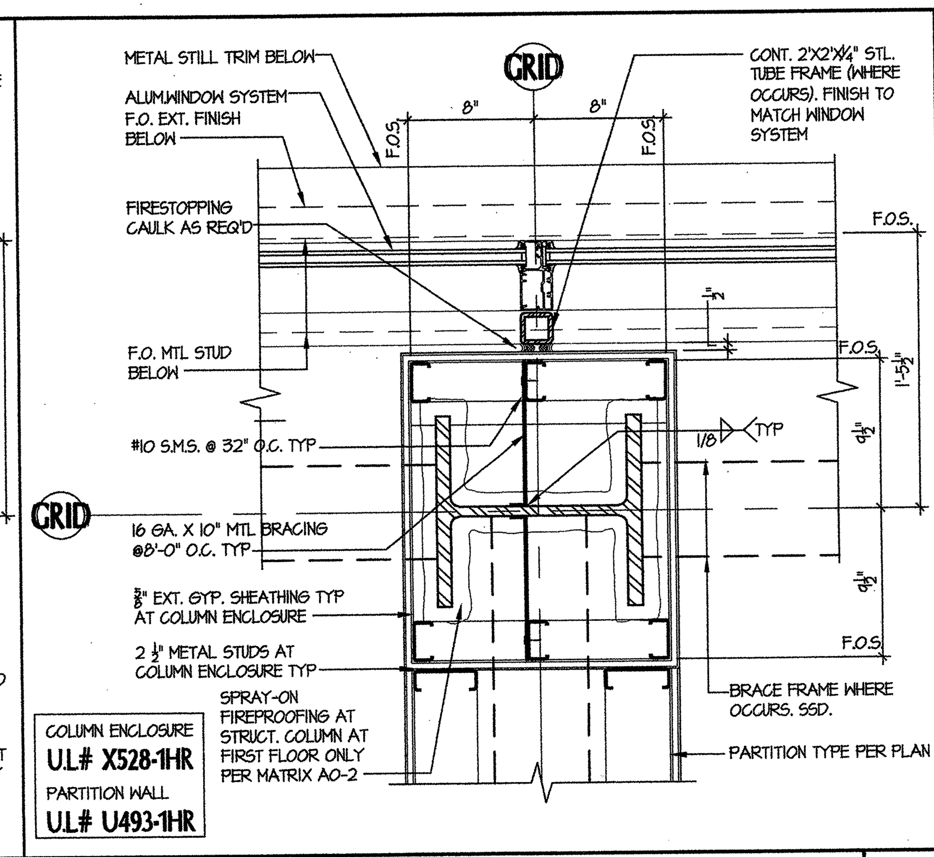
Saving Lives through Innovation and Education



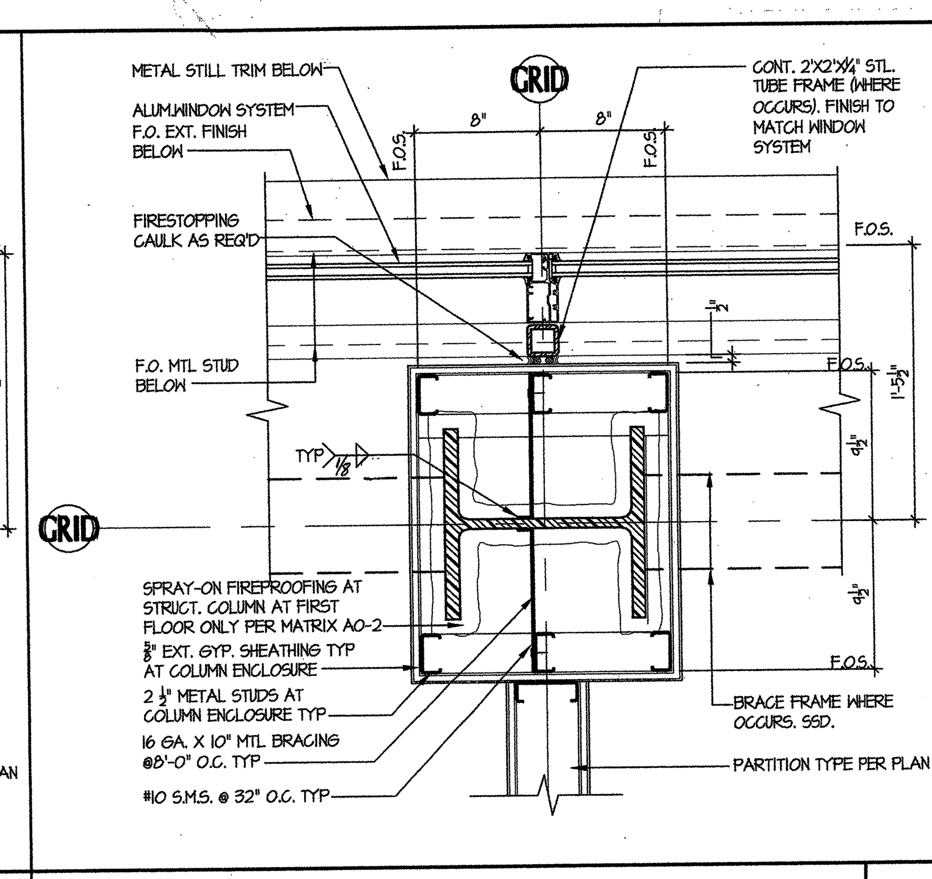
CORNER COLUMN DETAIL AT FIRST FLOOR 1 SCALE: 1 1/2" = 1'-0"



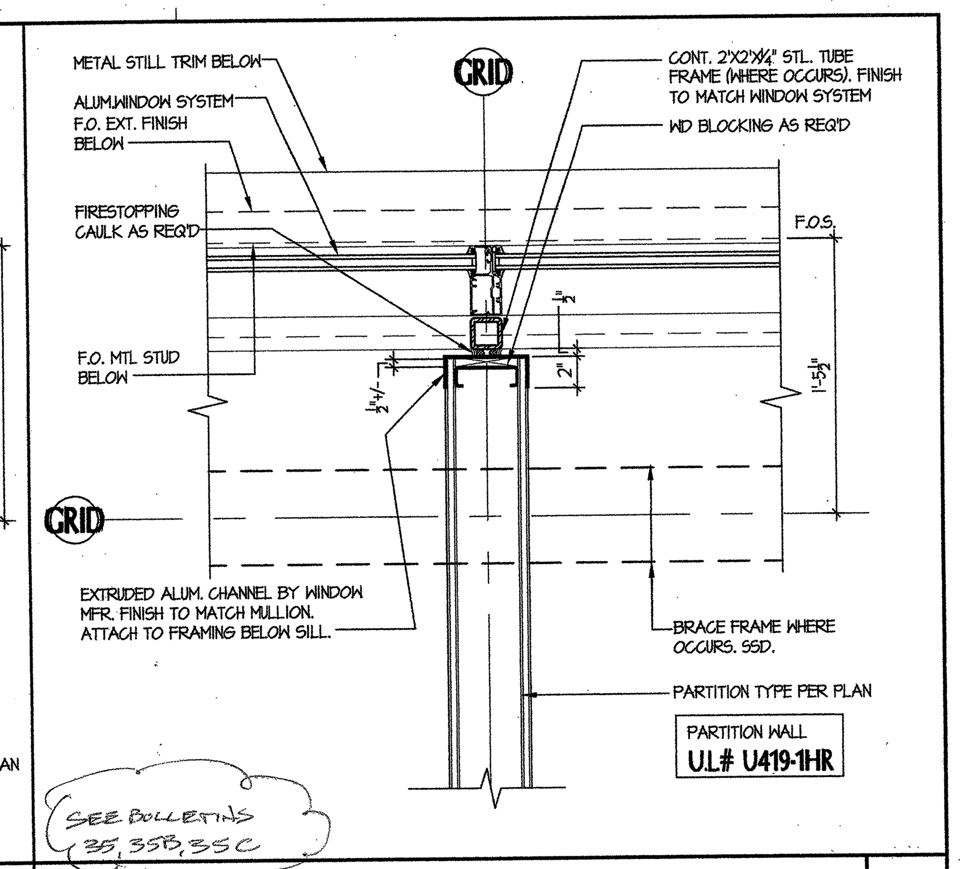
TYPICAL COLUMN DETAIL 2 SCALE: 1 1/2" = 1'-0"



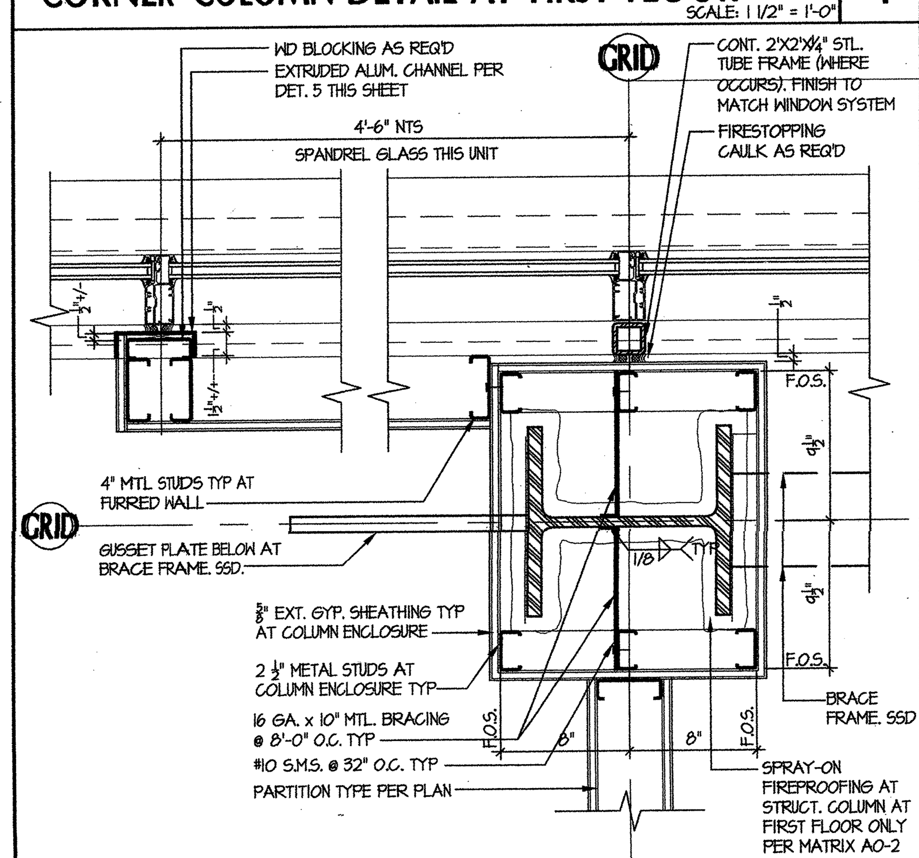
COLUMN DETAIL AT INT. BRACE FRAME 3 SCALE: 1 1/2" = 1'-0"



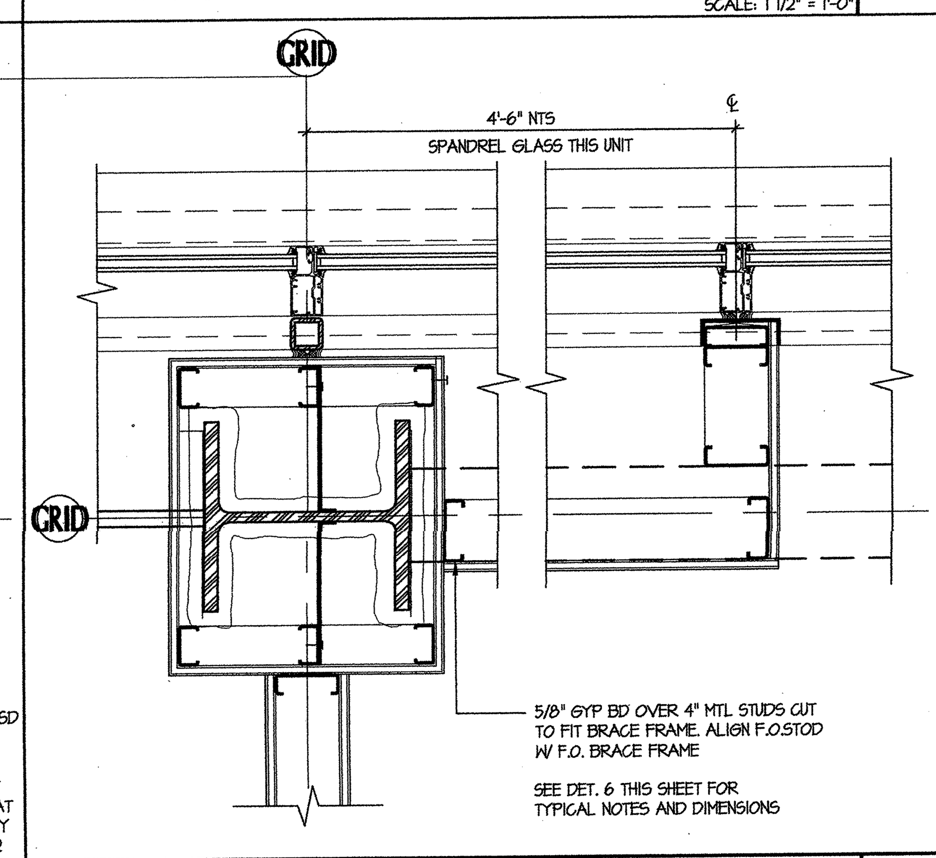
COLUMN DETAIL 4 SCALE: 1 1/2" = 1'-0"



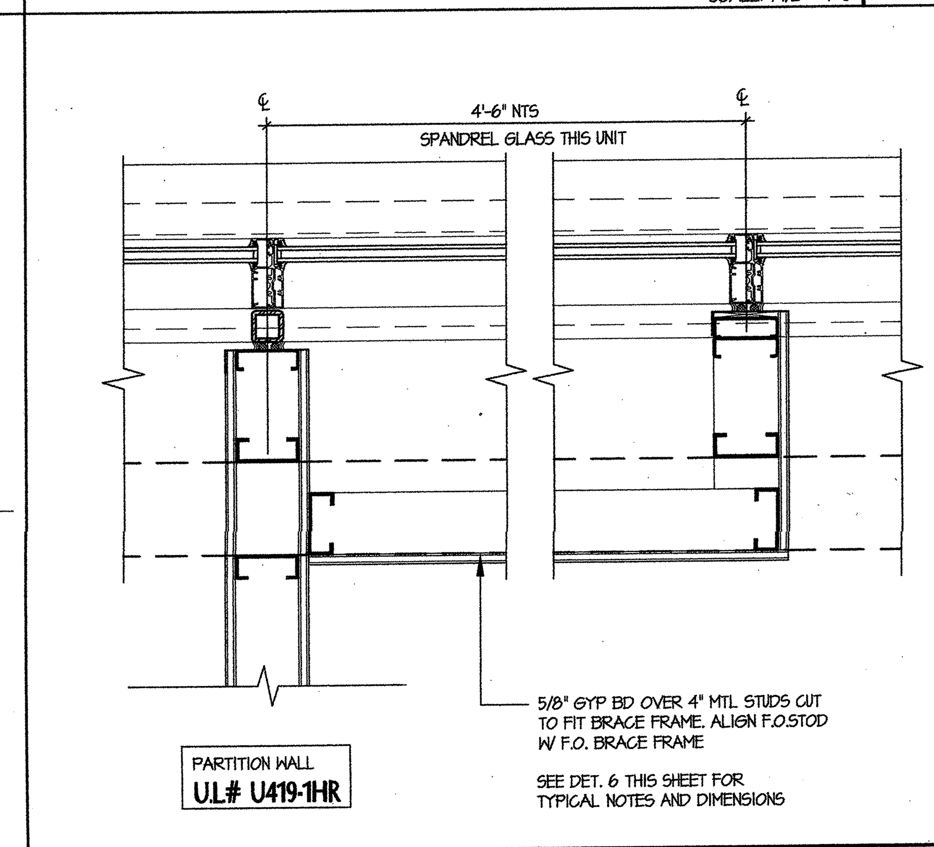
TYP. PARTITION DETAIL AT VERT. MULLION 5 SCALE: 1 1/2" = 1'-0"



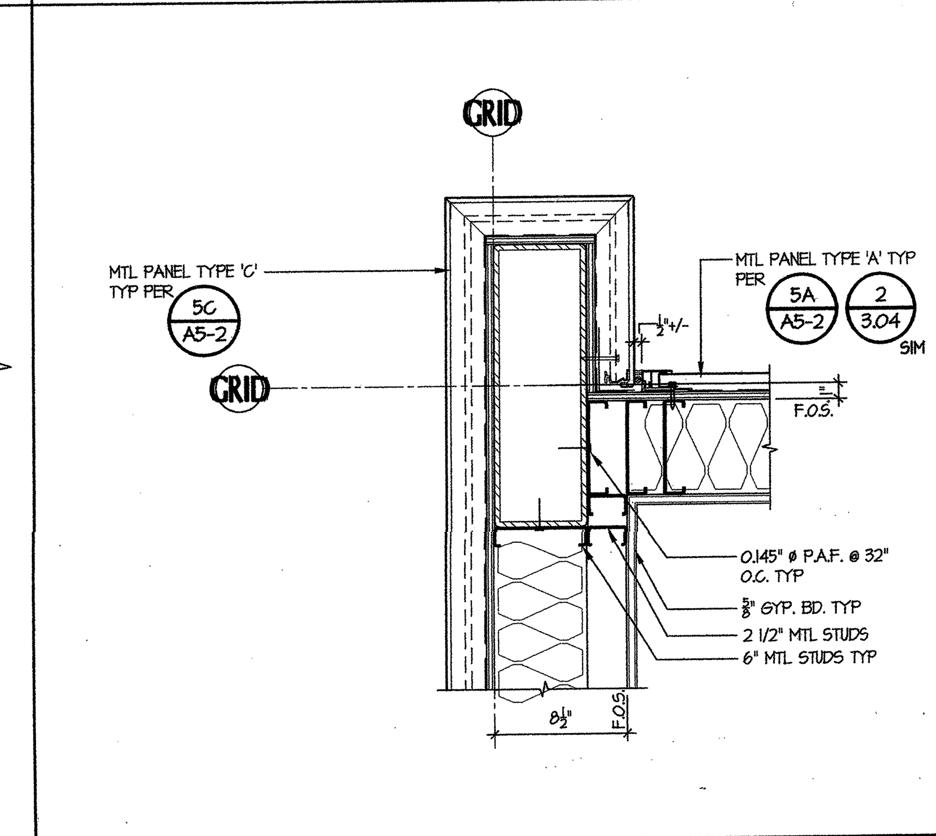
COLUMN DETAIL AT FURRED WALL 6 SCALE: 1 1/2" = 1'-0"



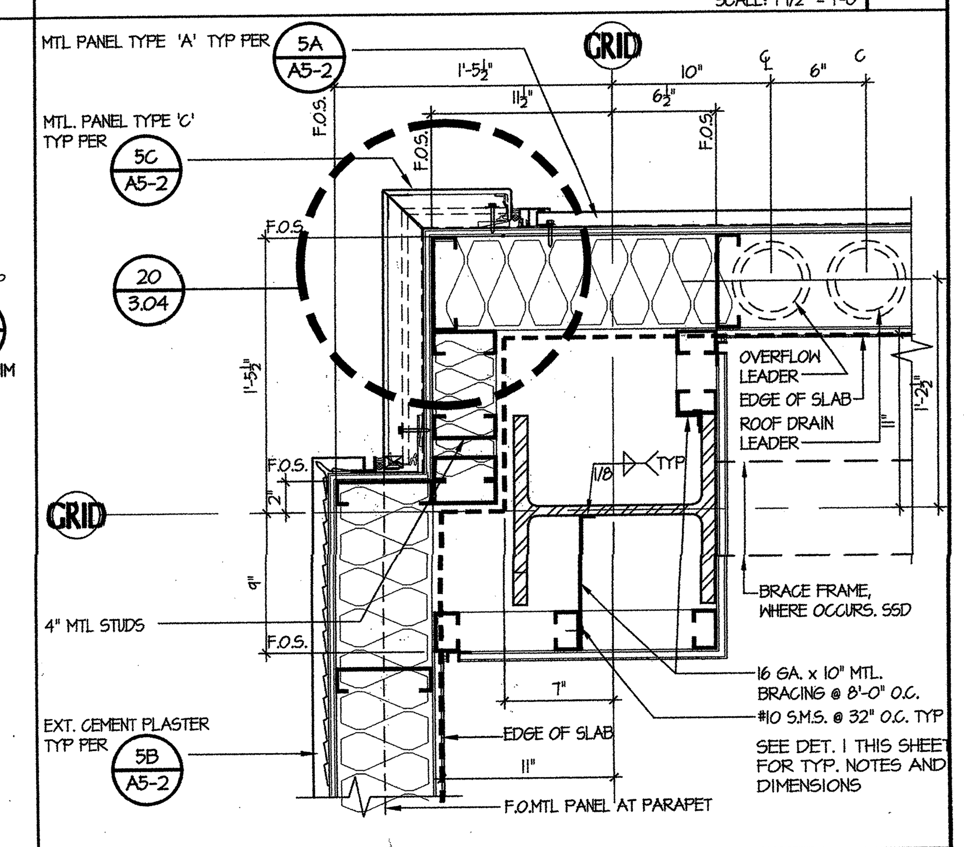
COLUMN DETAIL AT FURRED WALL 7 SCALE: 1 1/2" = 1'-0"



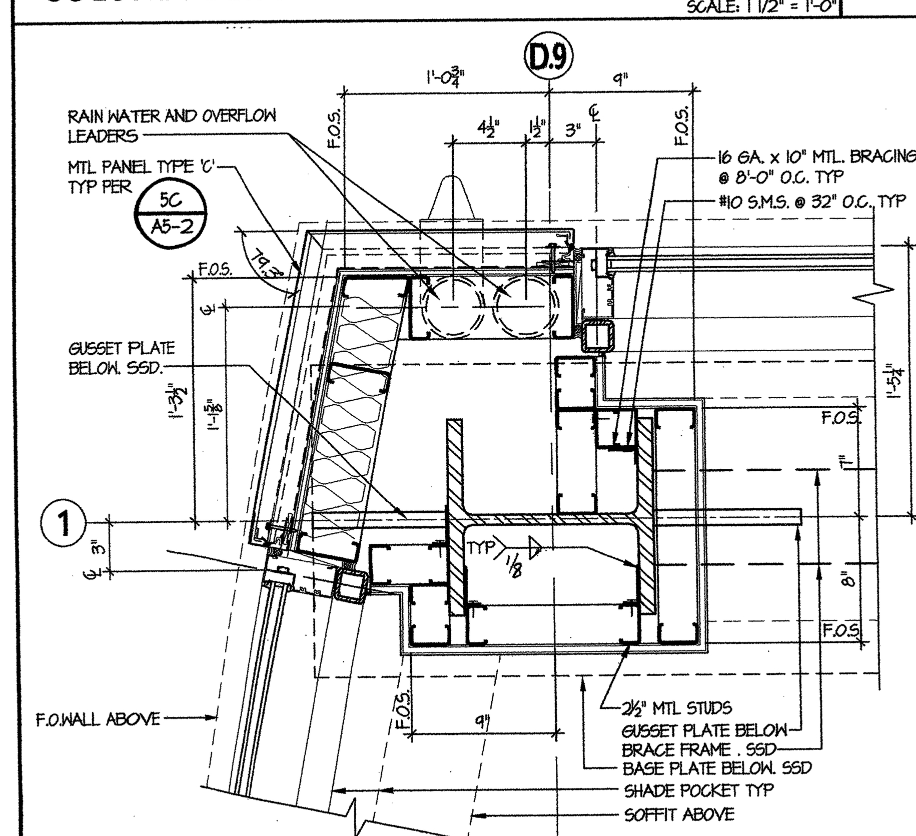
PARTITION AT BRACE FRAME / FURRED WALL 8 SCALE: 1 1/2" = 1'-0"



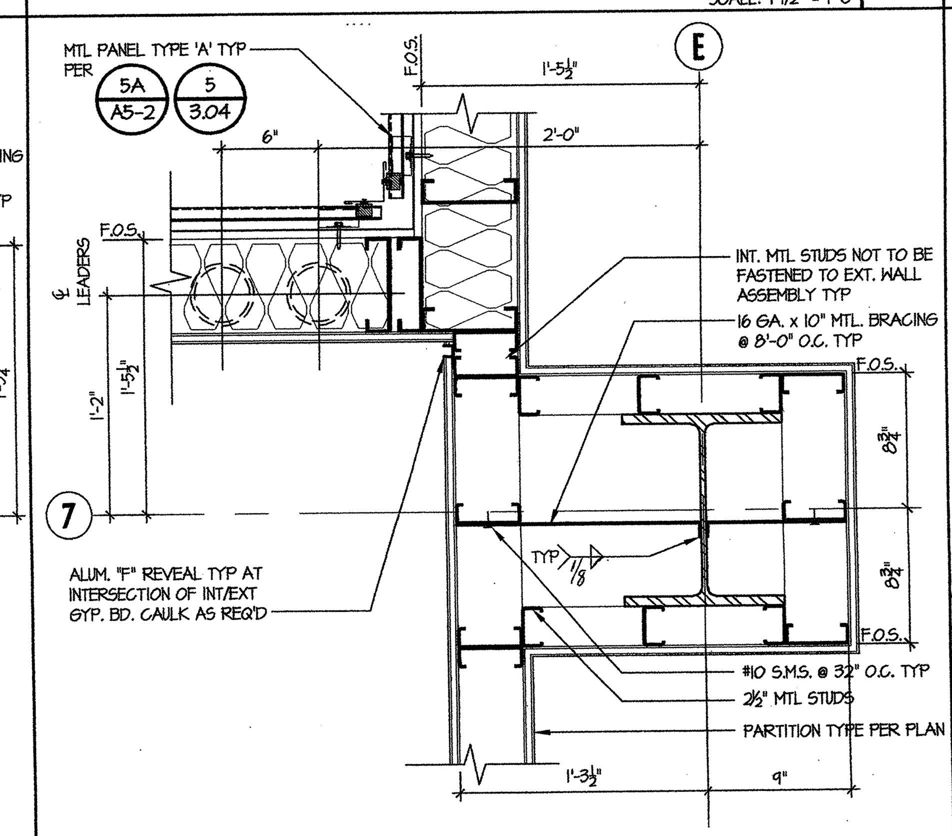
PLAN DETAIL AT STAIR ENCLOSURE 9 SCALE: 1 1/2" = 1'-0"



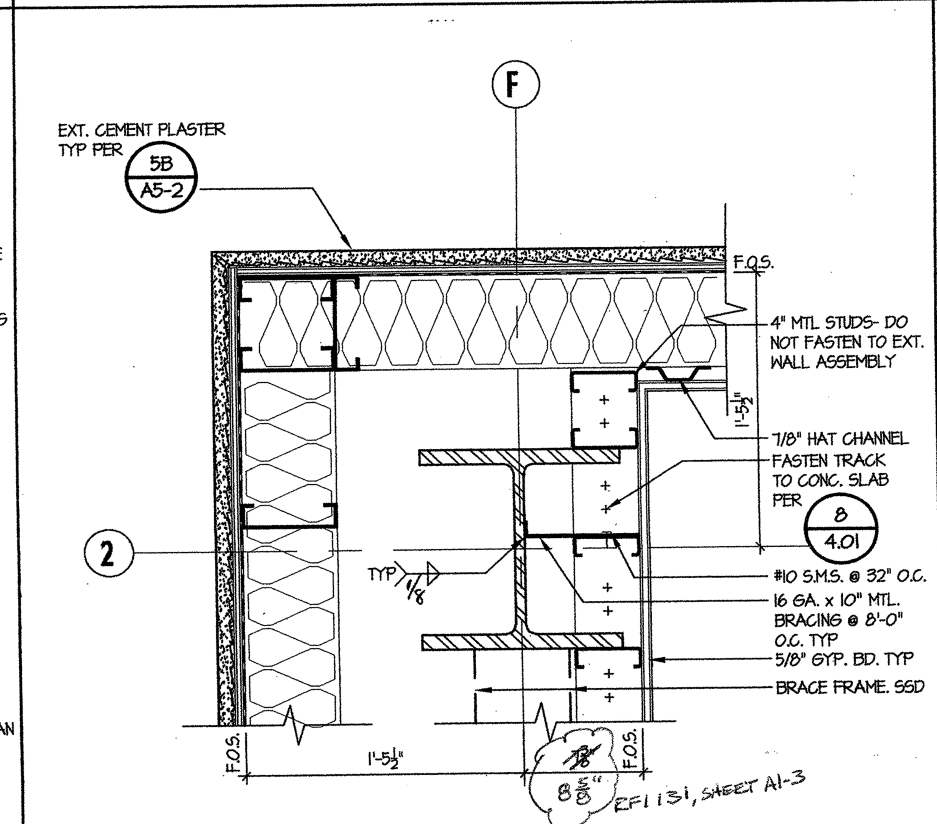
CORNER COLUMN DETAIL AT 2ND FLOOR 10 SCALE: 1 1/2" = 1'-0"



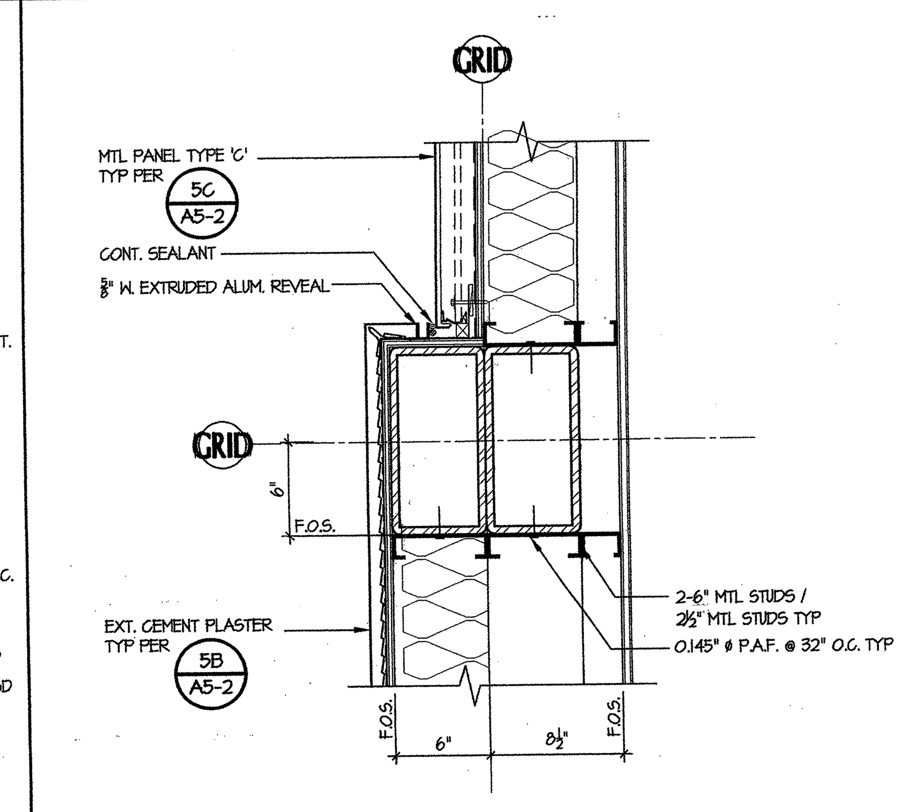
COLUMN DETAIL 11 SCALE: 1 1/2" = 1'-0"



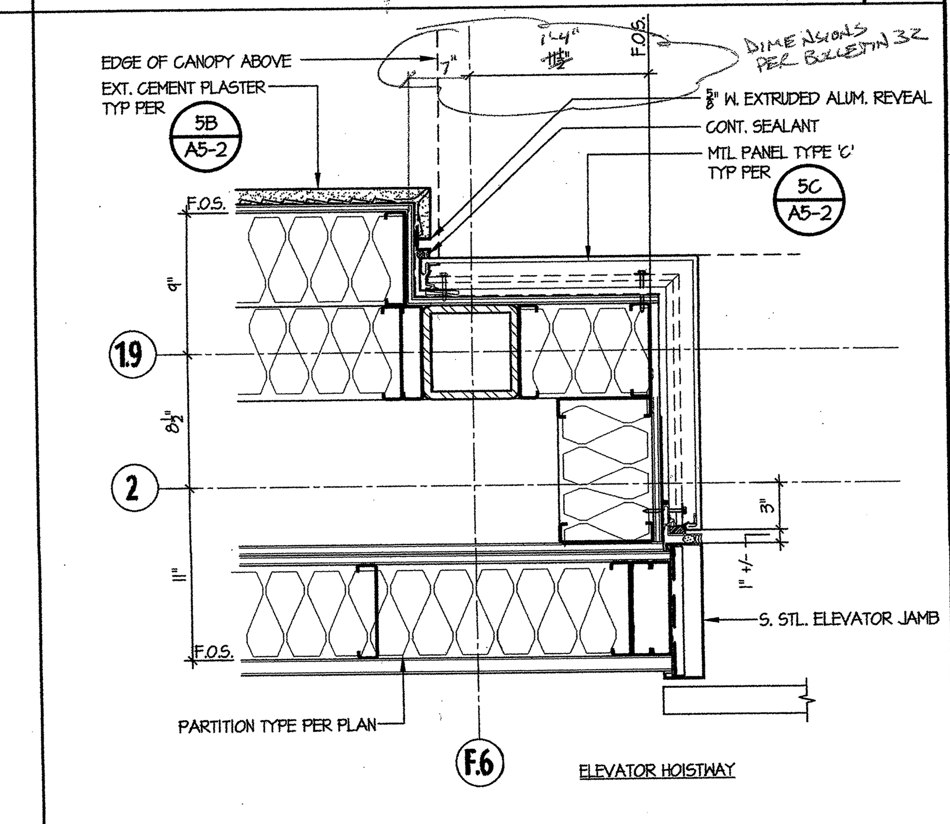
COLUMN DETAIL 12 SCALE: 1 1/2" = 1'-0"



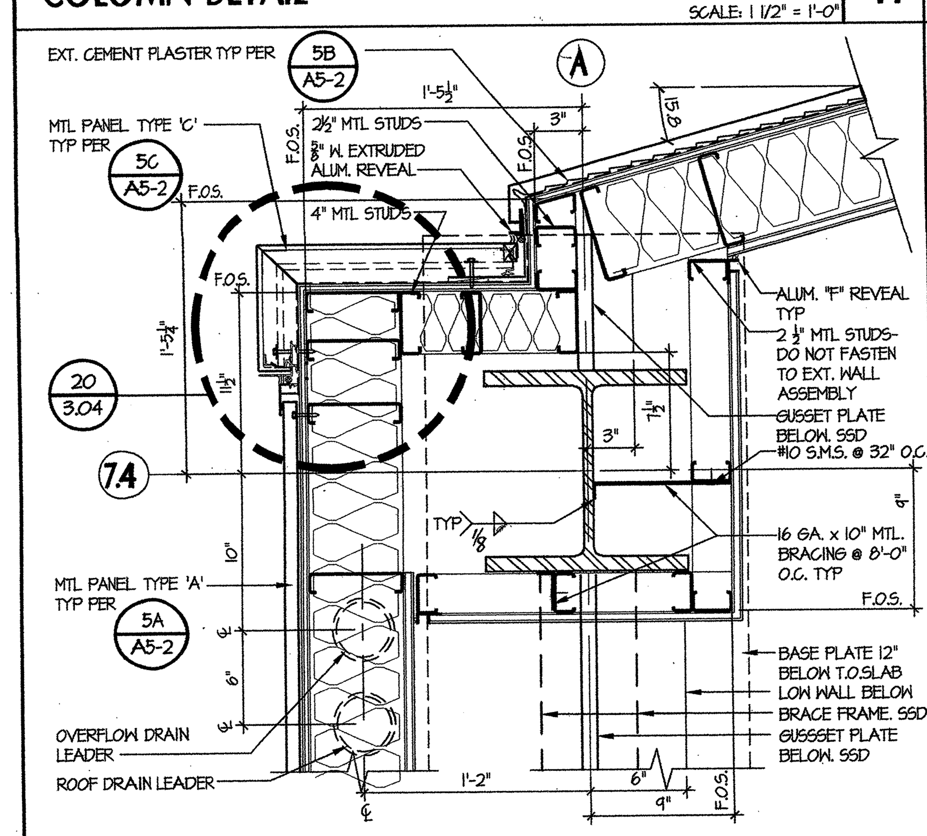
COLUMN DETAIL AT 2ND FLR 13 SCALE: 1 1/2" = 1'-0"



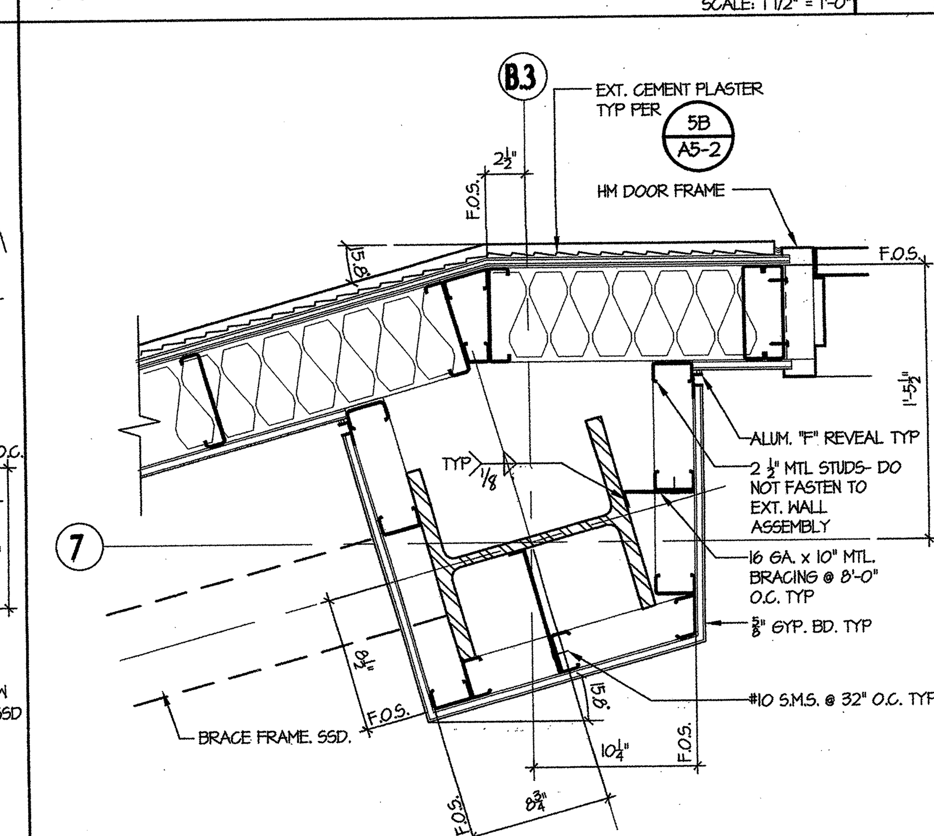
PLAN DETAIL AT STAIR ENCLOSURE 14 SCALE: 1 1/2" = 1'-0"



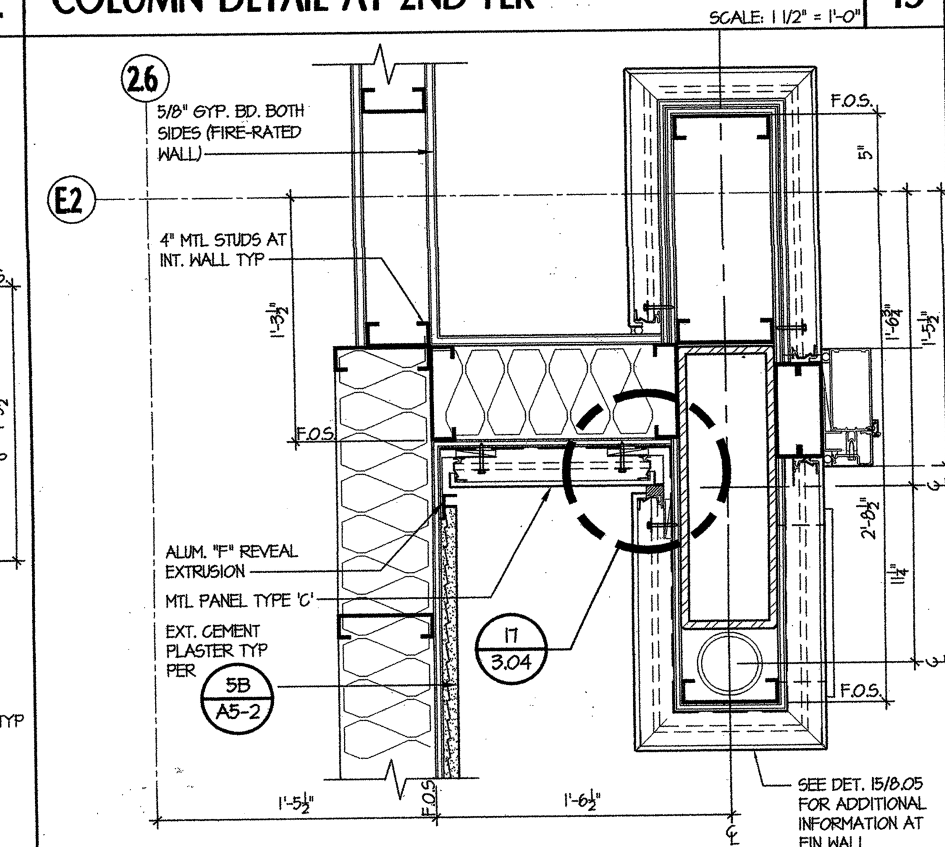
PLAN DETAIL AT FREIGHT ELEVATAOR 15 SCALE: 1 1/2" = 1'-0"



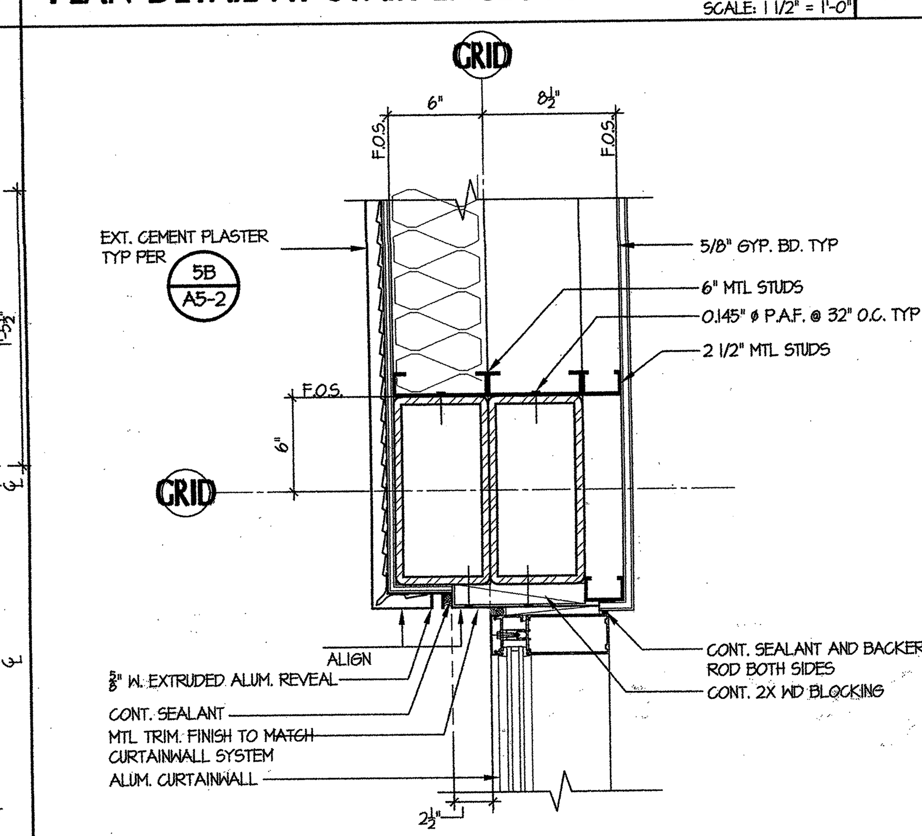
COLUMN DETAIL 16 SCALE: 1 1/2" = 1'-0"



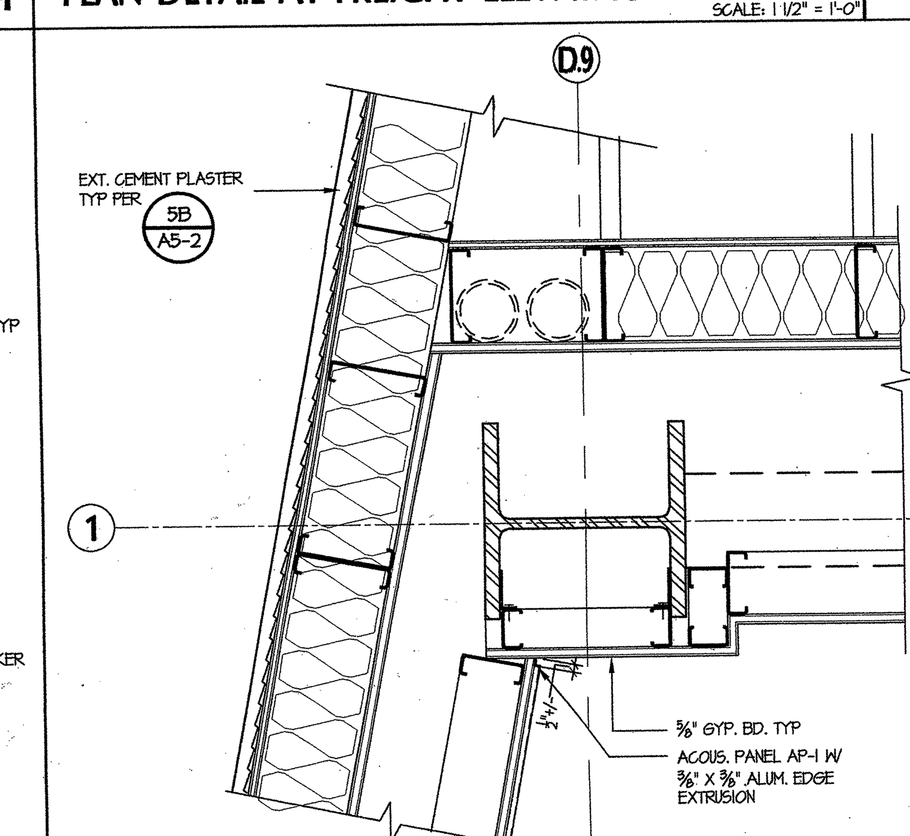
COLUMN DETAIL 17 SCALE: 1 1/2" = 1'-0"



COLUMN DETAIL 17 SCALE: 1 1/2" = 1'-0"



PLAN DETAIL AT STAIR #2 19 SCALE: 1 1/2" = 1'-0"



COLUMN DETAIL ABOVE WINDOW 20 SCALE: 1-1/2" = 1'-0"

tBP
architecture
planning
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tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

LICENSED ARCHITECT · STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-108228
FILE No. 7-C1
DATE

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number : 20247.00

file name: DTL-0302.DWG

drawn by: CC checked by:

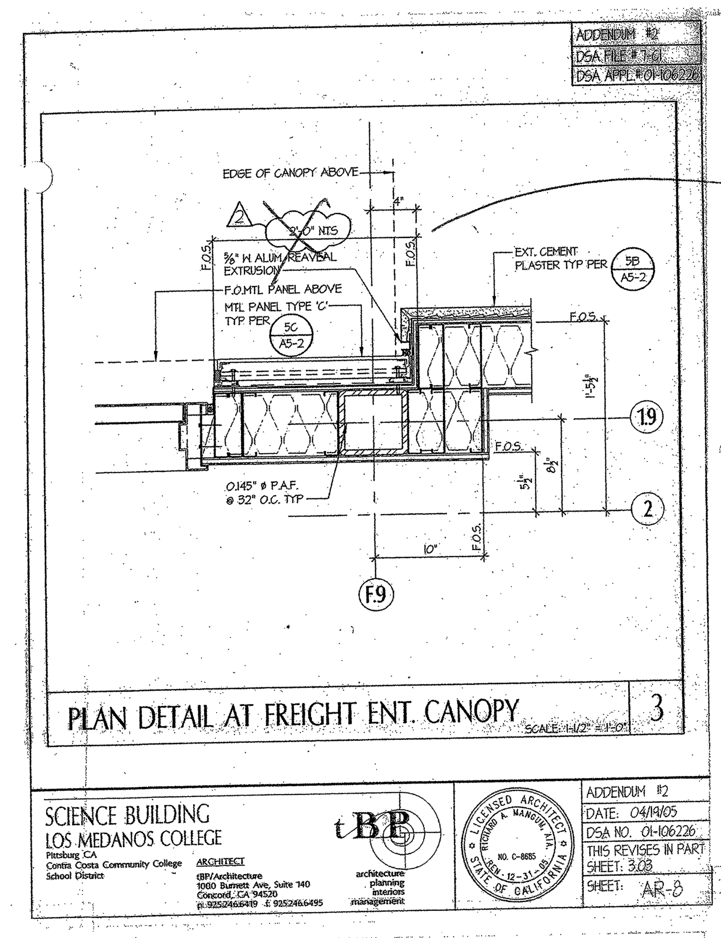
date: NOVEMBER 15, 2004

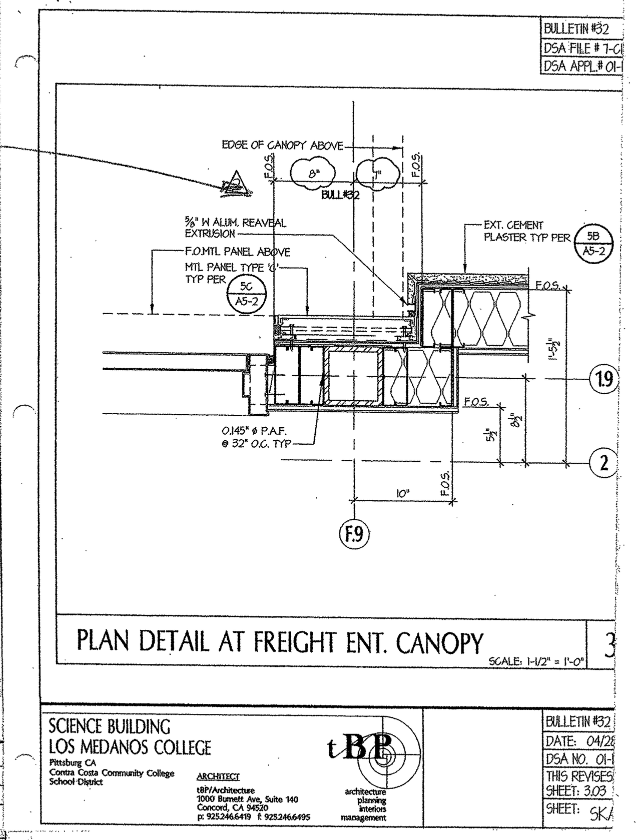
Rev. date: description:

drawing title:
EXTERIOR WALL DETAILS
/PARTITION DETAILS

LMC SCIENCE 313-023-112.01-0-00.00

drawing no:
3.02





Bulletin No.45

Date: September 13, 2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description: REFERENCE: Sheet 3.03, Submittal #77.1:

Attached sketch is issued to clarify the configuration and attachment of the closure plate located on either side of the canopy (north entry, south entry and freight), to be provided by the Metal panel sub-contractor.

The closure plate is located front of the rainwater leader connection to the scupper drain, and between the steel C-channel and the metal panel enclosure.

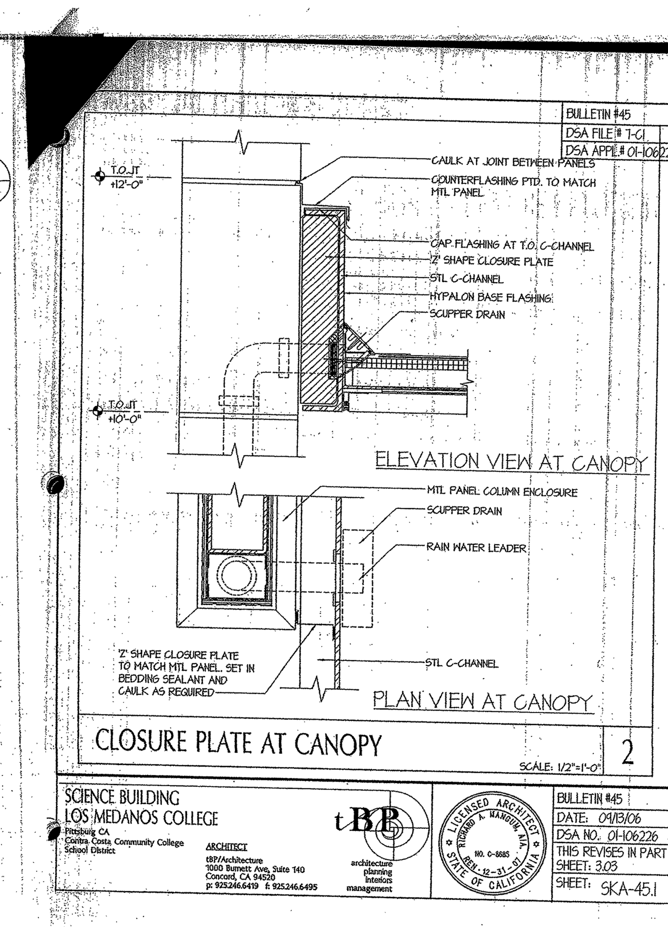
Issued By: Architect
Requested By: Architect, Owner
Reason: Clarification to closure plate at sides of canopy
Enclosures: SKA-45.1

Distribution:

Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

Action:
- ☒ For Information/Clarification only
- ☐ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☐ Requires DSA review and approval
- ☐ Proceed as authorized by District

tBP/Architecture. 1000 Burnett Ave. Suite 140. Concord, CA. 94520. ph: 925.246.6419. fax: 925.246.6495



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00

Subj.: Attachment of pipe supporting sunshade fins at south entrance window
RFI No: 174
Reference (dwg, spec.) A4-1, A6-3, 3.03, 7.03
Subcontractor RFI: Capitol 1

Reply Requested By: 3/9/06

INFORMATION REQUESTED: Date: 3/2/06

On 4/A4-1, an aluminum sunshade with fins is shown on the large window above the south entry door. Per detail 2/A6-3, there is a 1 ½" diameter steel pipe support for these window fins. However, neither details 8/3.03 or 18/7.03 show how this steel pipe attaches to structural steel. Is this pipe welded? If so, what type of weld. Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 03.03.06

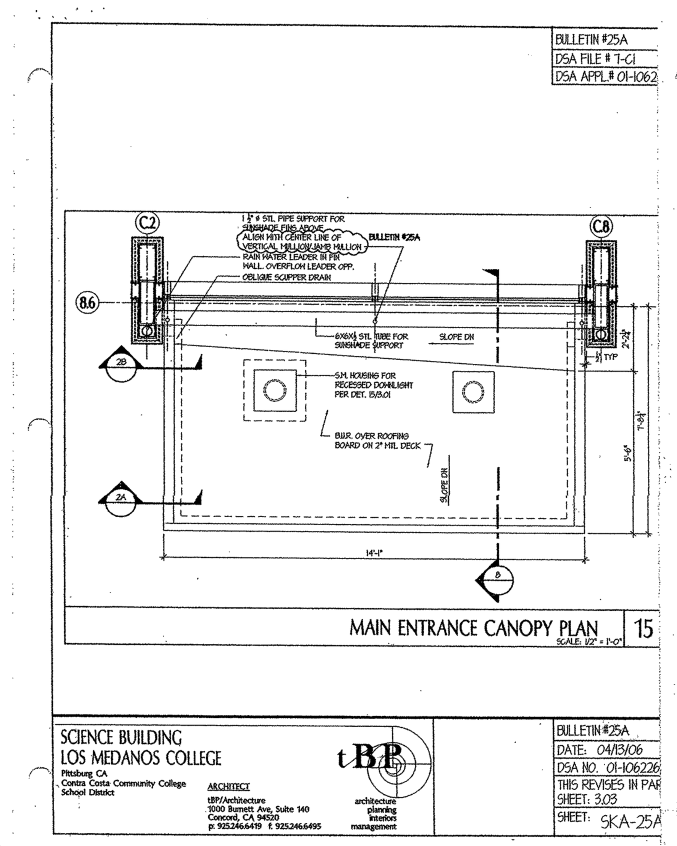
See details 6, 17/S7.5 for attachment of 1 1/2" O.D. steel pipe to structural steel.

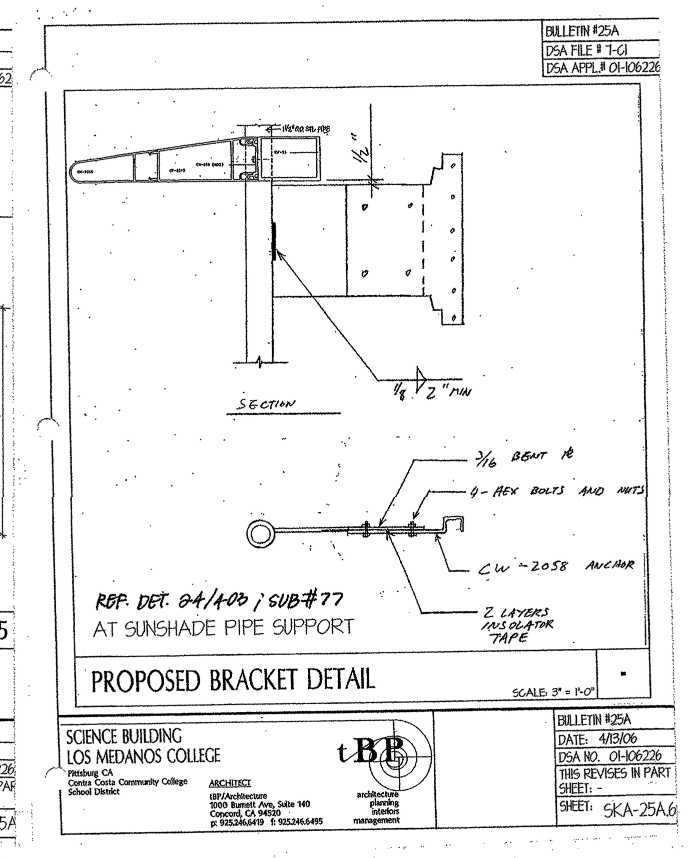
Attachments:
By: C.Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	3/2/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	3.3.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1





S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00

Subj.: Painted metal sheet metal flashing
RFI No: 222
Reference (dwg, spec.) : various
Subcontractor RFI:

Reply Requested By: 5/23/06

INFORMATION REQUESTED: Date: 5/16/06

On some sheet metal flashing details, it is called out that the sheet metal be painted to match metal panel. Typically, these locations are not visible or only minimally to the public and it is unlikely that painted sheet metal will "weather" the same as the metal panel product so discoloration may occur. For instance, detail 13/3.30 calls for painting of flashing that will not be visible. An identical physical situation occurs in detail 8/3.30 but this flashing is not called to be painted. We suggest either changing from flashing to metal trim so that it truly matches the metal panel or not painting the sheet metal. Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 5.17.06

At Contractor's option and at no cost to Owner, sheet metal flashing at both details 8=13/3.03 may be either metal trim to match metal panel or window system or galvanized sheet metal, whichever method allows for ease of coordination and installation with adjacent systems (roofing, metal panel, curtainwall).

Attachments:
By: C. Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	4/4/06 5.16.06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	5.17.06

RFI # 000
Page 1

cc:

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00

Subj.: Canopy flashing/roof termination
RFI No: 383
Reference (dwg, spec.): 1, 3, 18A/3.03
Subcontractor RFI:

Reply Requested By: 10/20/06

INFORMATION REQUESTED: Date: 10/13/06

Details 1 and 2/ 3.03 show canopy roofing terminating at an odd inverted J counterflashing along the back side of the perimeter canopy channels. We would suggest that canopy roofing terminations be handled similar to detail 18A/3.03 with the only change being that hypalon flashing from the roofing extend up the back of the channel and over the top of the channel with metal flashing over the top. See attached sketched representing our suggestion. Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:

No exception taken to extend the hypalon flashing as shown on the proposed sketch 18A/3.03. For the sides perimeter detail, also see SKA-45.1/Bulletin #45 similar for detail.

Vanessa Ling/tBP - 10/30/06

RFI # 000
Page 1

Bulletin No.14

Date: 2/28/2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description: REFERENCE: Submittal #47, Sheet 3.03:

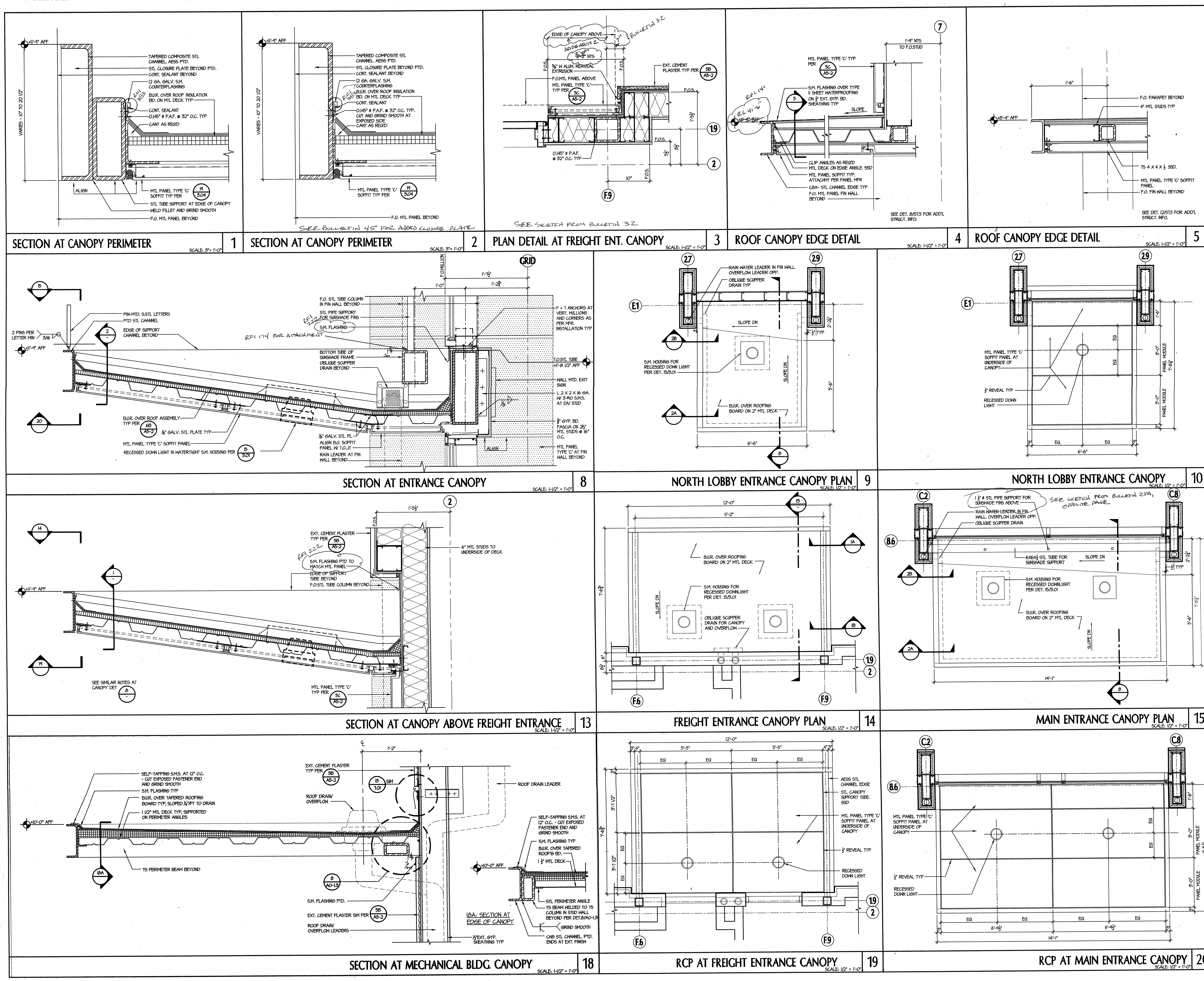
Metal deck at Entrance Canopy to be 1 ½" deep metal deck x 16 gauge in place of 3" metal deck as per approved Submittal #47. Contractor to coordinate bottom elevation of 1 ½" deep x 16 gauge metal deck per detail canopy details on contract document sheet 3.03, and that bottom of Metal Panel soffit will align with bottom of tapered steel channel at both sides of canopy.

Issued By: Architect
Requested By: Architect
Reason: Coordination of Entrance Canopy deck with Metal Panel soffit
Enclosures: none

Distribution:

Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture
1 copy	Chiang Ng	DASSE

Action:
- ☒ For Information/Clarification only
- ☐ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☐ Requires DSA review and approval
- ☐ Proceed as authorized by District



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Regional Office
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p. 415-396-9500 f.

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number: 20247.00
file name: DTL-0303.DWG
drawn by: CC checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
CANOPY DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
3.03

E-MAILED 5.17.06

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Change to sill detail 2/401 of submittal 72

RFI No: **229**

Reference (dwg, spec.) : Submittal 72, detail 2/401

Subcontractor RFI:

Reply Requested By: 5/23/06

INFORMATION REQUESTED: Date: 5/16/06

As discussed, review comments to detail 2/401 (and review comment "General Note 7") change the sill height so that 2" of concrete will be will be visible below the lowest metal trim in lieu of the 4" of visible concrete in the detail and in the adjacent detail 1/401. Please confirm this.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: IN ACCORDANCE W/ REVIEW COMMENTS DATE: 5.17.06 / CLARIFIED 6/8/06

Revise detail 2/401 on Submittal #72 and detail referenced by general note 7 as noted. Where detail 1/401 is adjacent to detail 2/401, provide trim TO DETAIL 1/401 as shown per photo attached of identical condition at IRC. This condition typically occurs at 9 building corners, where detail 1/507 is referenced and where detail 1/503 is referenced at Stairs 1+2.

Attachments:

By: C. Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	~~4/4/06~~ 5.16.06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	5.17.06
S.J. AMOROSO	ORIGINATOR	

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Revised Starting Point of Metal Panels

RFI No: **229.1**

Reference (dwg, spec.) : Submittal 72

Subcontractor RFI: Pacific E-3

Reply Requested By: 6/16/06

INFORMATION REQUESTED: Date: 6/10/06

Please note the attached Pacific Erectors RFI No 3 regarding the revised starting point for IW60-A Metal Panels. This is 2" lower as indicated on Detail 2/401. This will cause uneven site lines between flat panel and profile. Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 6.15.06

Void review comments to detail 2/401 of Submittal #72 and align base of Formawall panel and base of trim extrusion at IW-60 with top of curb. Bottom of flashing to align at both panel conditions at 2" min. below top of curb.

Attachments:

By:

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	6/10/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	6.15.06
S.J. AMOROSO	ORIGINATOR	

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Backing at metal panel vertical control joints

RFI No: **243**

Reference (dwg, spec.) : 10/3.04

Subcontractor RFI: Concord No. 6

Reply Requested By: 6/16/06

INFORMATION REQUESTED: Date: 6/9/06

Detail 10/3.04 shows two studs back to back at metal panel vertical construction joints. This is depicted on Submittal No. 72 (metal panel) in details 2/501 and 4/502. Concord Drywall is asking if, in lieu of this configuration, a single 6" x 16 gauge track could be installed "flat" to the exterior sheathing to provide twice the mounting surface for the joint. This track would be attached to top and bottom track of the wall/window nearest in proximity.
SJA has run this request by Pacific Erectors and they find it acceptable for their purposes. Is this acceptable to the architect?

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:

See response attached

Attachments:

By:

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	6/9/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

RFI 243

Concord Drywall, Inc.
1717 Solano Way, #28
Concord, Ca. 94520
Office 925-676-9255 fax 925-825-9583

RFI

6/6/2006

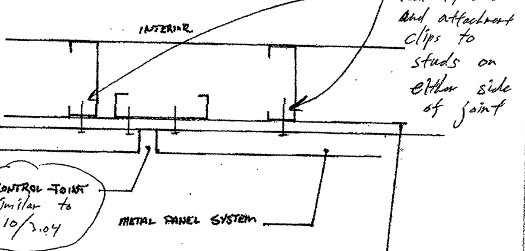
Concord DW RFI #6

Job; Las Medanos Science Building

Contractor: S.J. Amoroso
Attention; Mark Delgado
Fax# 427-7570

Subject; Exterior Panel Control Joints

Detail 10 on 3.04 shows two studs back to back at the vertical control joints. This configuration does not allow for any adjustment.
Would it be acceptable to use a 6" X 16 gauge track on the flat to provide twice the mounting surface for the metal panel control joint?
Please advise.



Thank You
Tim Titsworth
CEO

RFI 243

S. J. AMOROSO
Request For Information/Clarification #243

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

DASSE

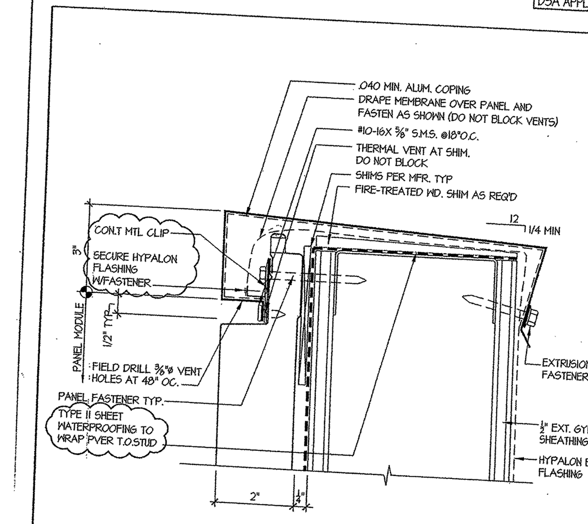
The track is good enough to hold the joint together, but no where close to strong enough for the exterior walls' wind loading (has to do with bending the track about weak axis versus bending the stud about the strong axis). Additional fasteners to the studs on either side of the joint will be required.

The attached marked-up detail from concord drywall may be used at contractor's option only if there is no additional cost to owner.

Otherwise provide double studs shown on 10/3.04.

6/12/06

BULLETIN #06
DSA FILE # 7-C1
DSA APPL.# 01-106226



PARAPET COPING DETAIL - MTL PANEL TYPE 'C' 9
SCALE: HALF

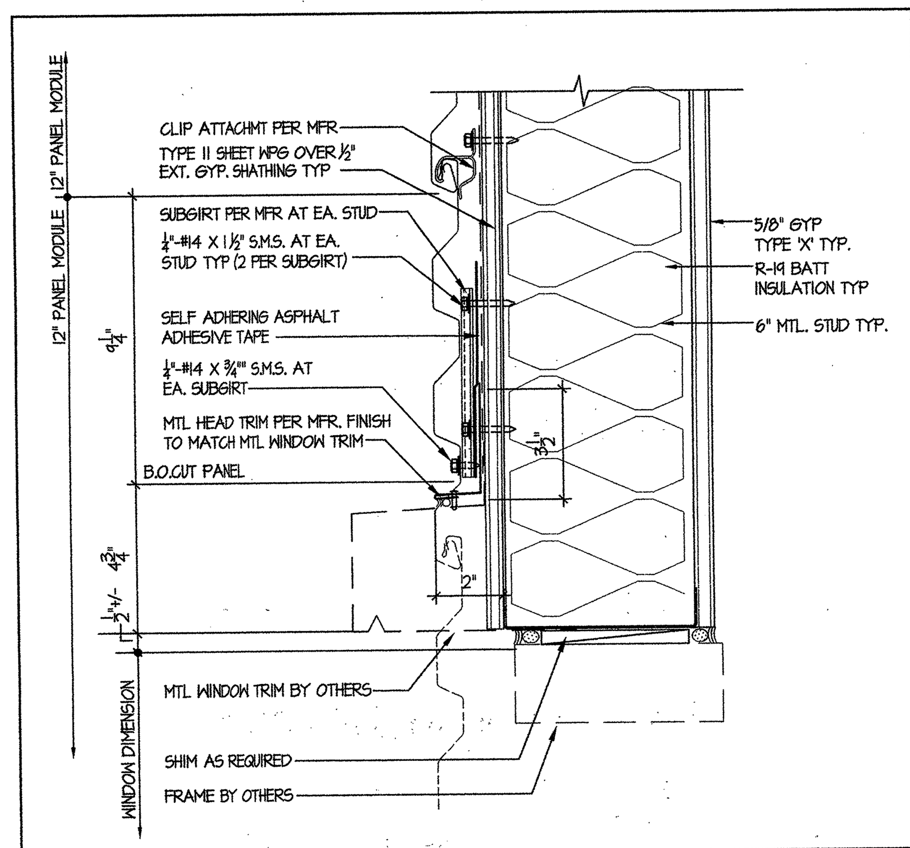
BULLETIN #6

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District

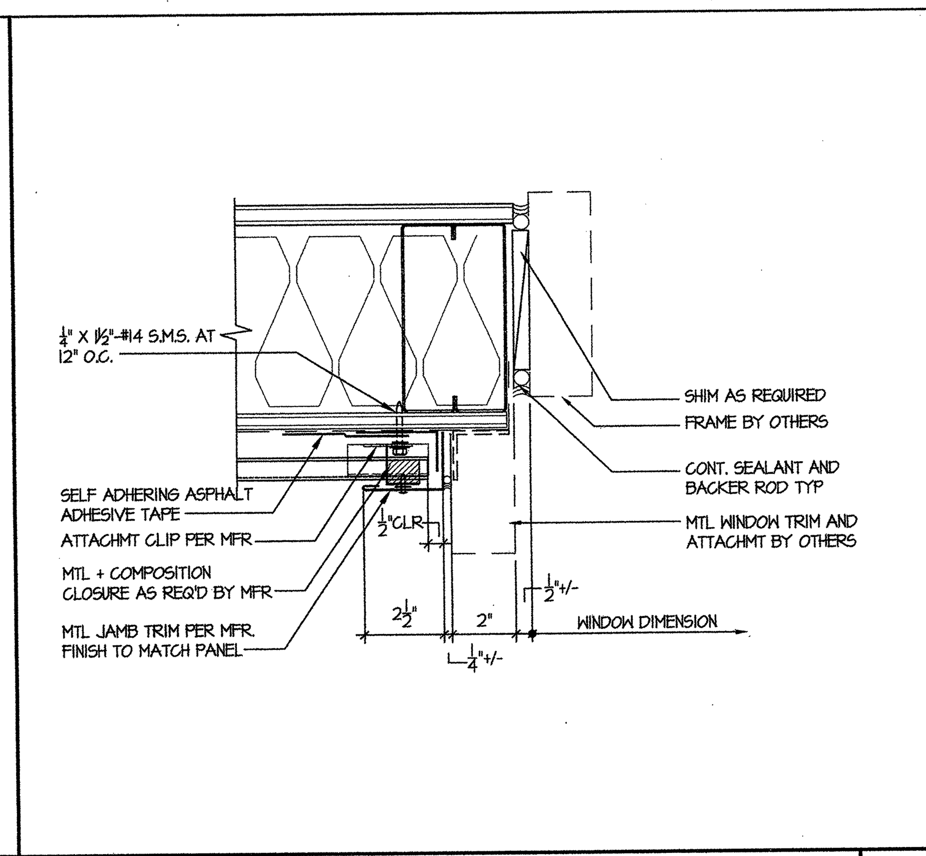
ARCHITECT
tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

tBP architecture planning interiors management

BULLETIN #06
DATE: 01/04/06
DSA NO. 01-106226
THIS REVISES IN PART SHEET: 3.04
SHEET: SKA-06.1



TYP. HEAD DETAIL - MTL PANEL TYPE 'A' 1 SCALE: 3"=1'-0"



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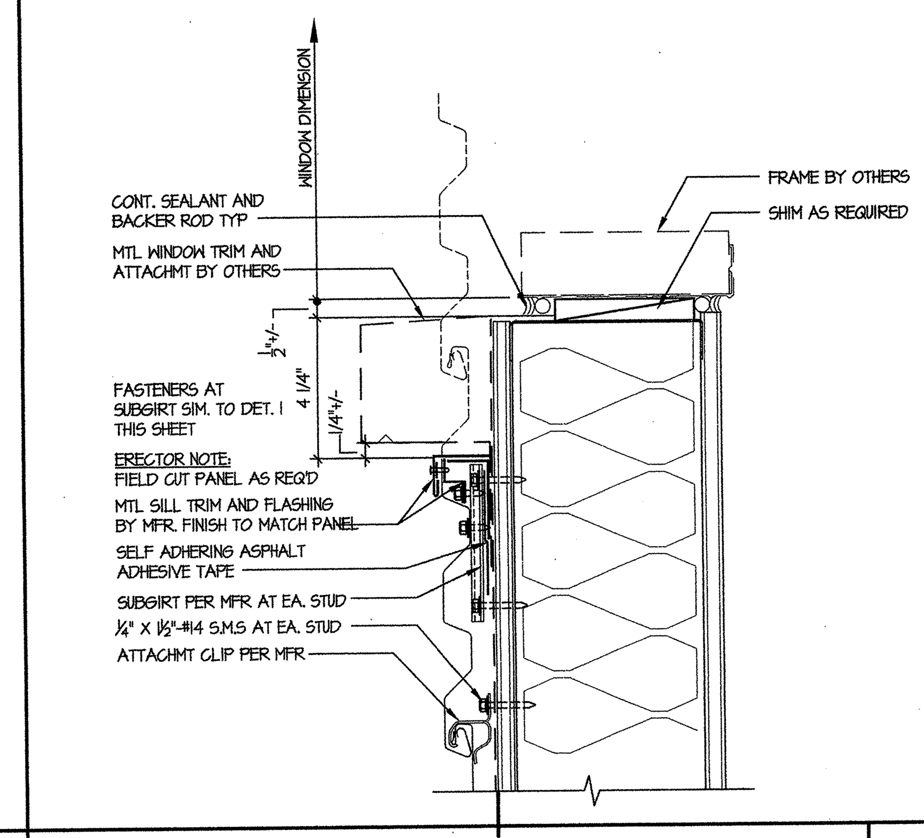
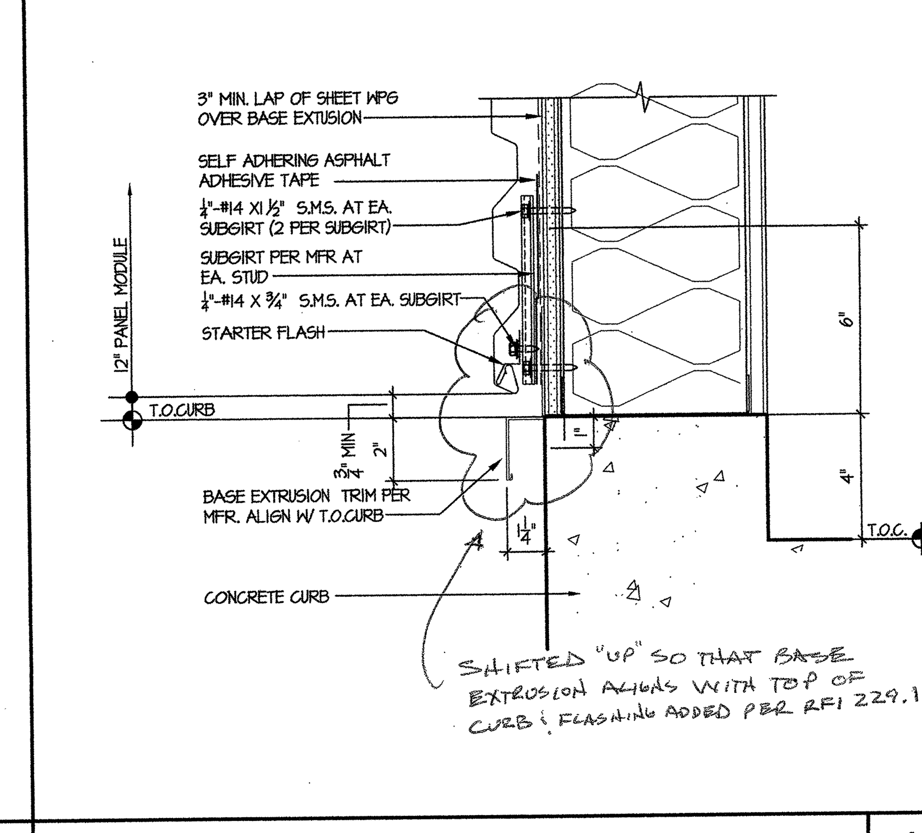


TYP. SILL DETAIL - MTL PANEL TYPE 'A' 3 SCALE: 3"=1'-0"



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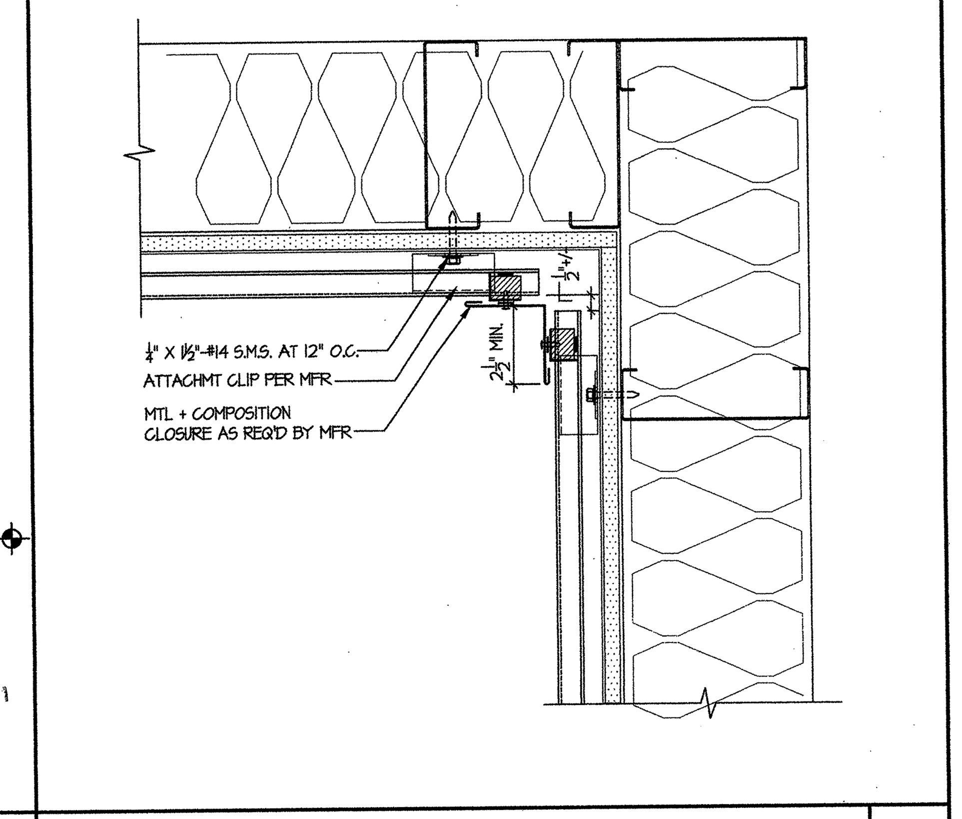

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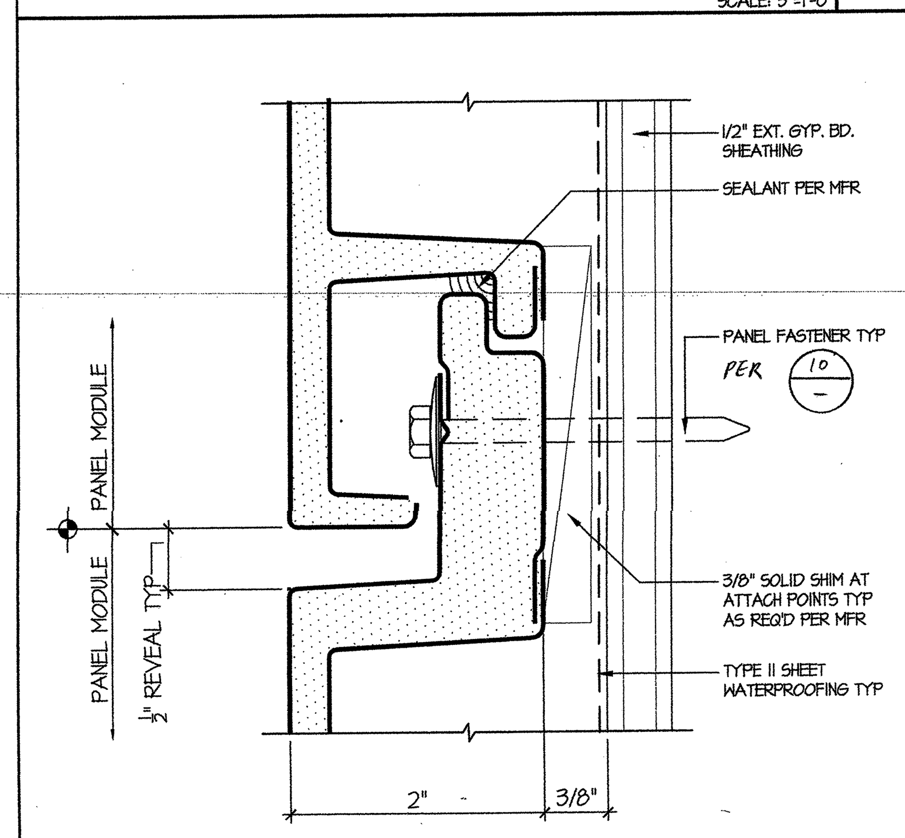
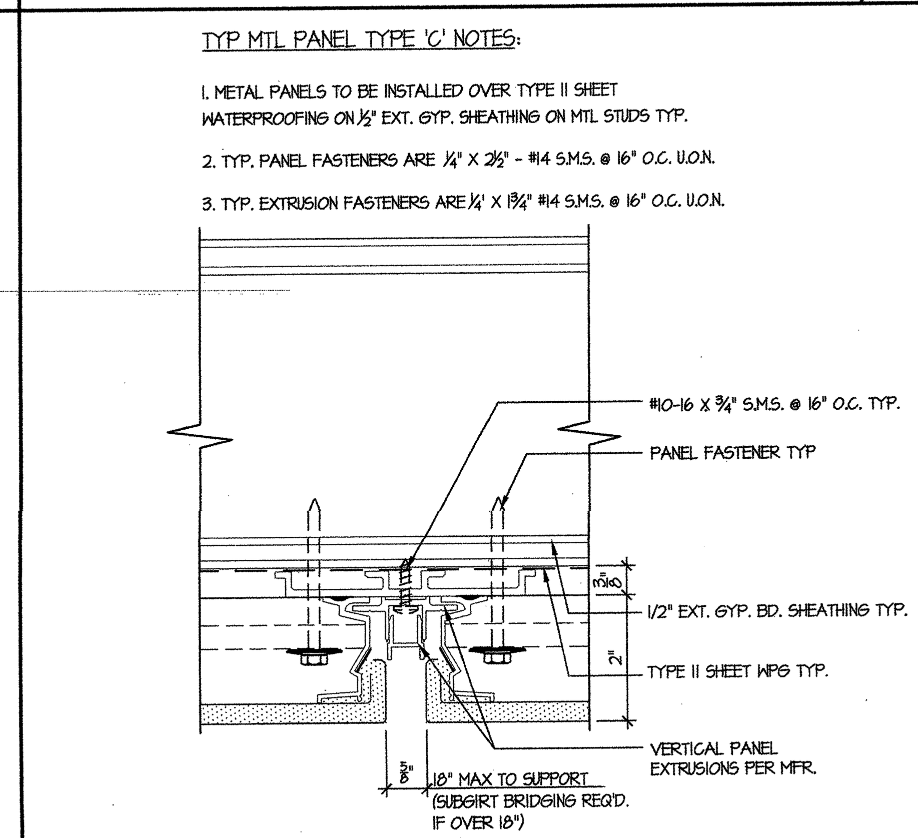


TYP. HORIZ. JOINT - MTL PANEL TYPE 'C' 6 SCALE: FULL



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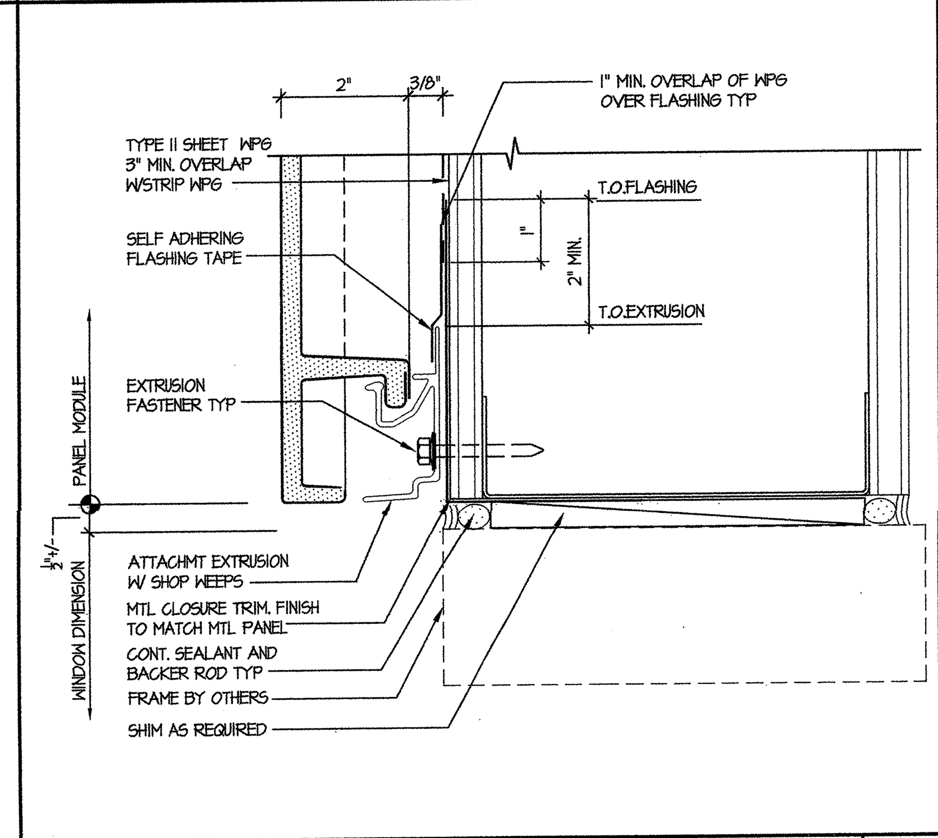
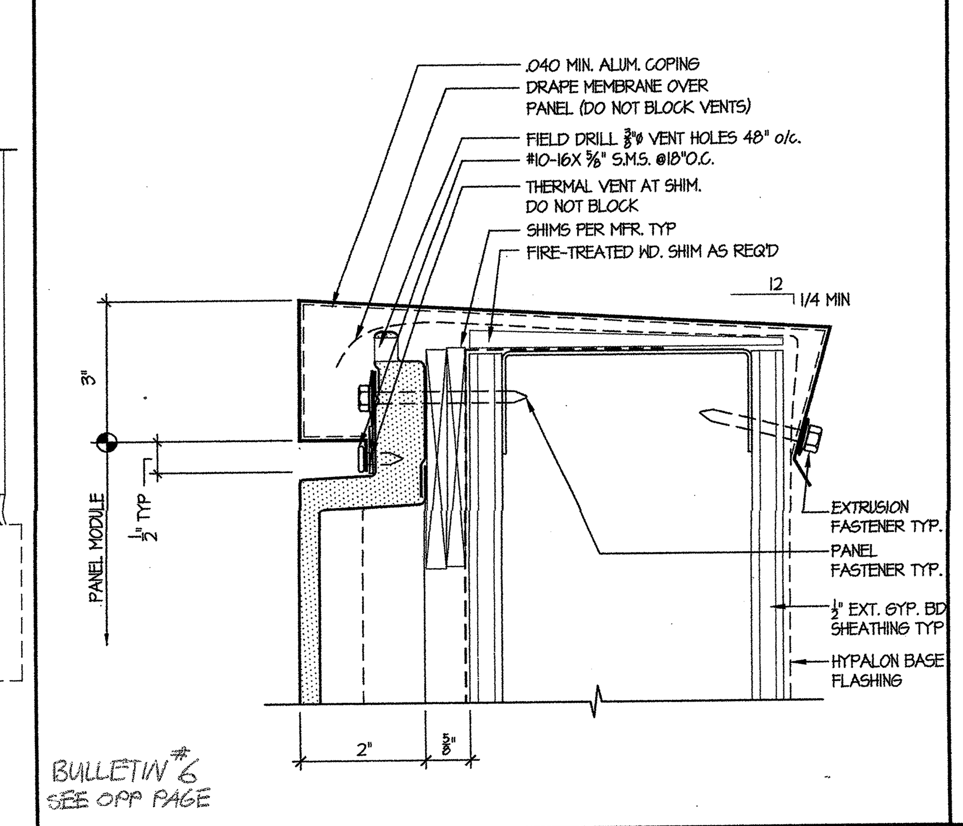
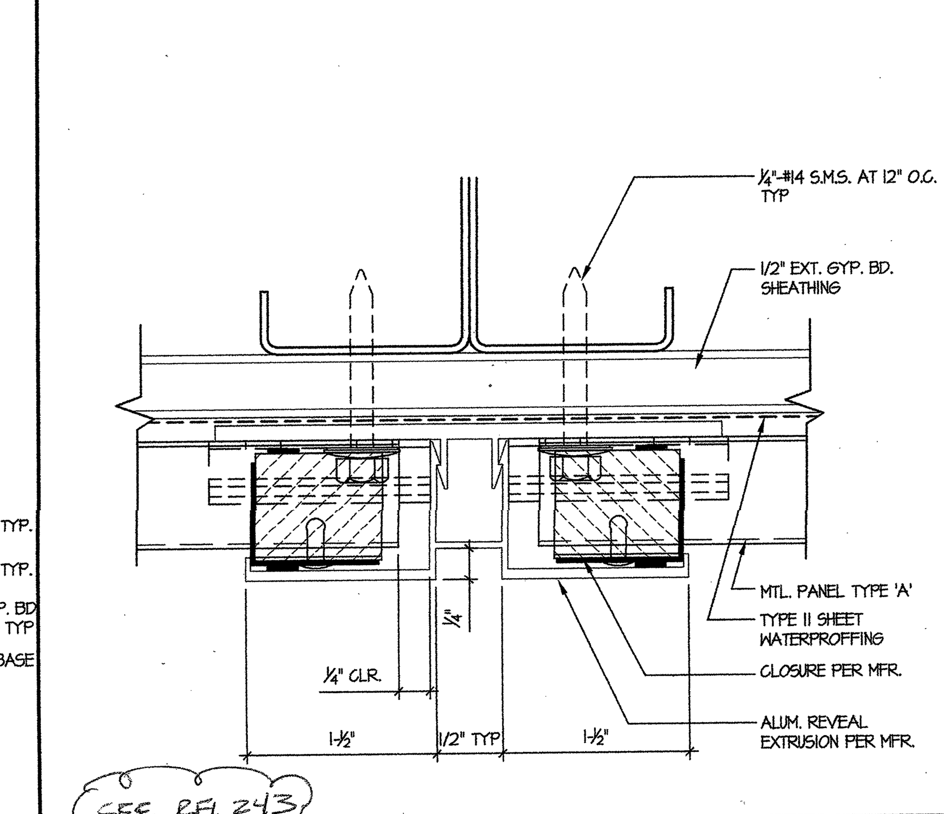


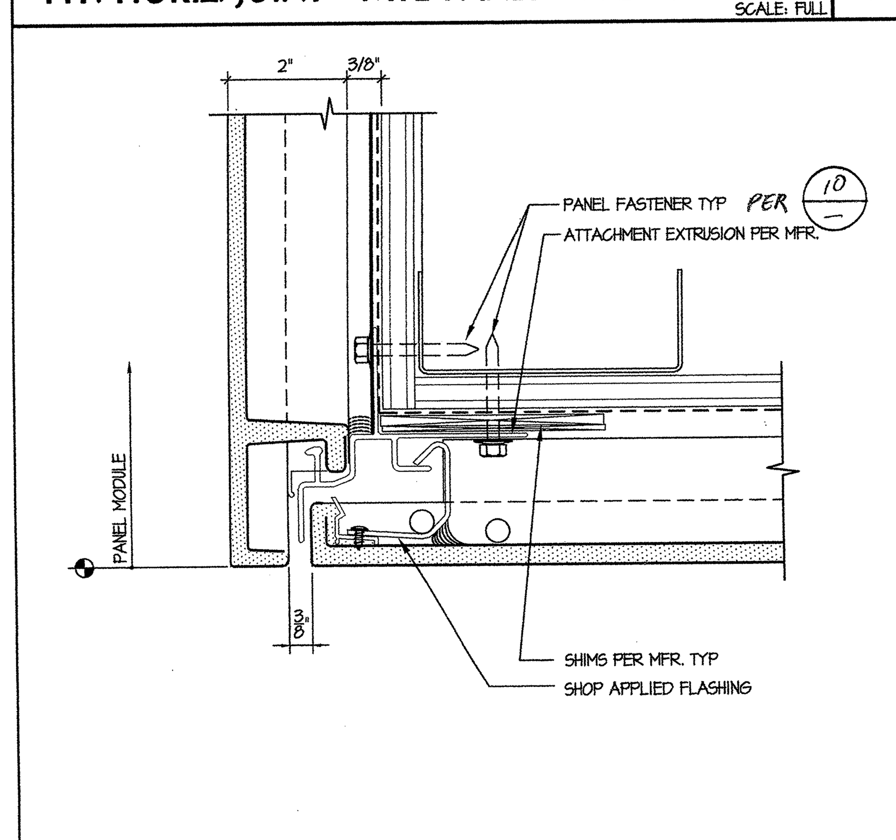
TYPICAL HEAD DETAIL - MTL PANEL TYPE 'C' 8 SCALE: HALF



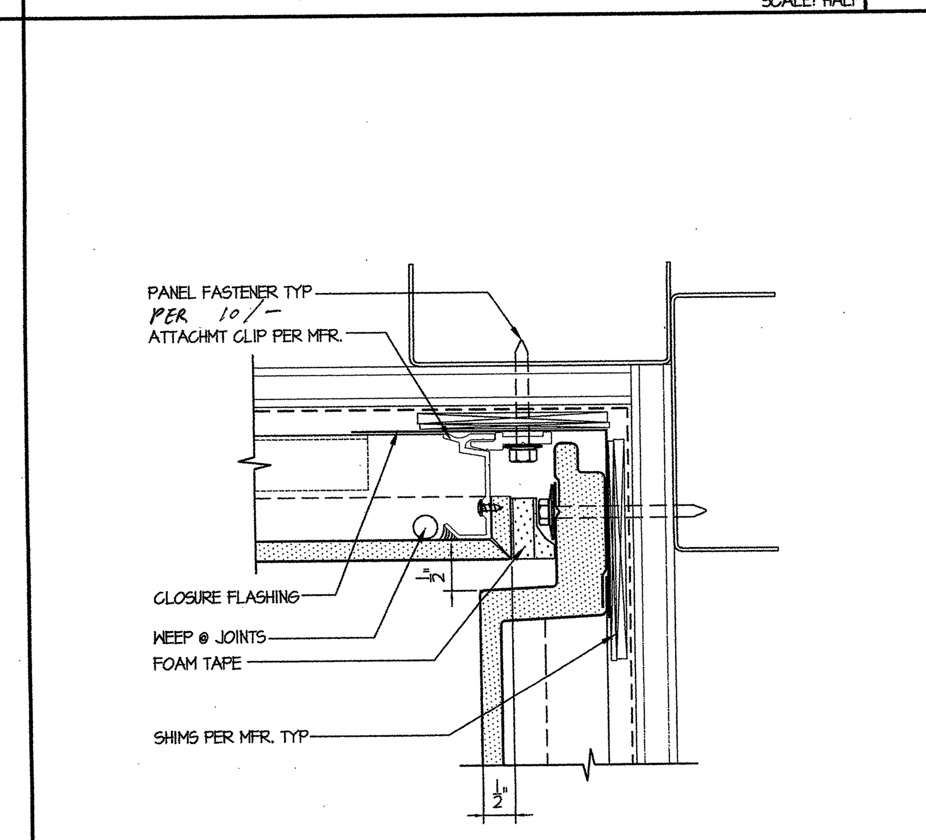
PARAPET COPING DETAIL - MTL PANEL TYPE 'C' 9 SCALE: HALF



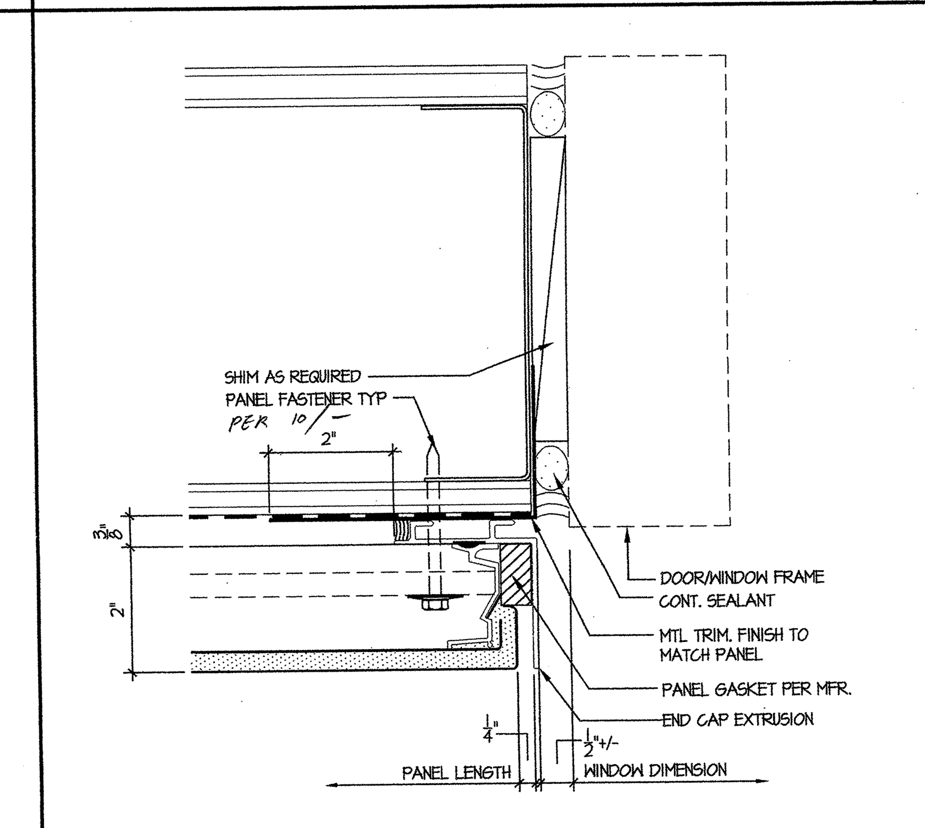
TYPICAL VERT. JT- MTL PANEL TYPE 'A' 10 SCALE: HALF



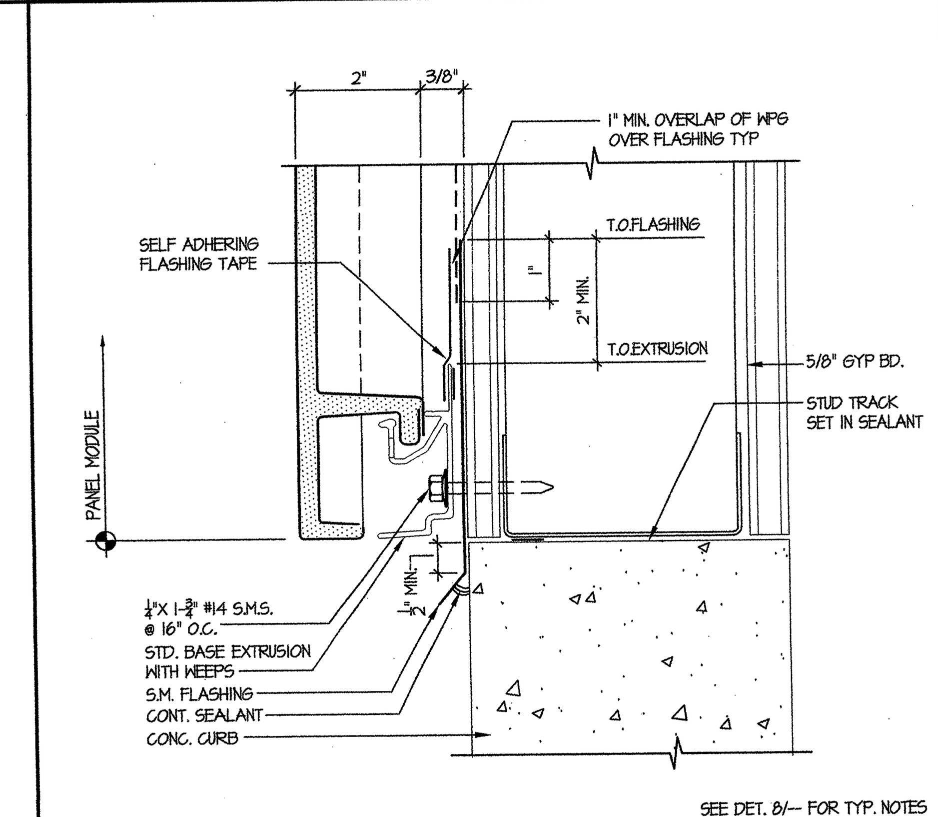
TWO-PART SOFFIT - MTL PANEL TYPE 'C' 11 SCALE: HALF



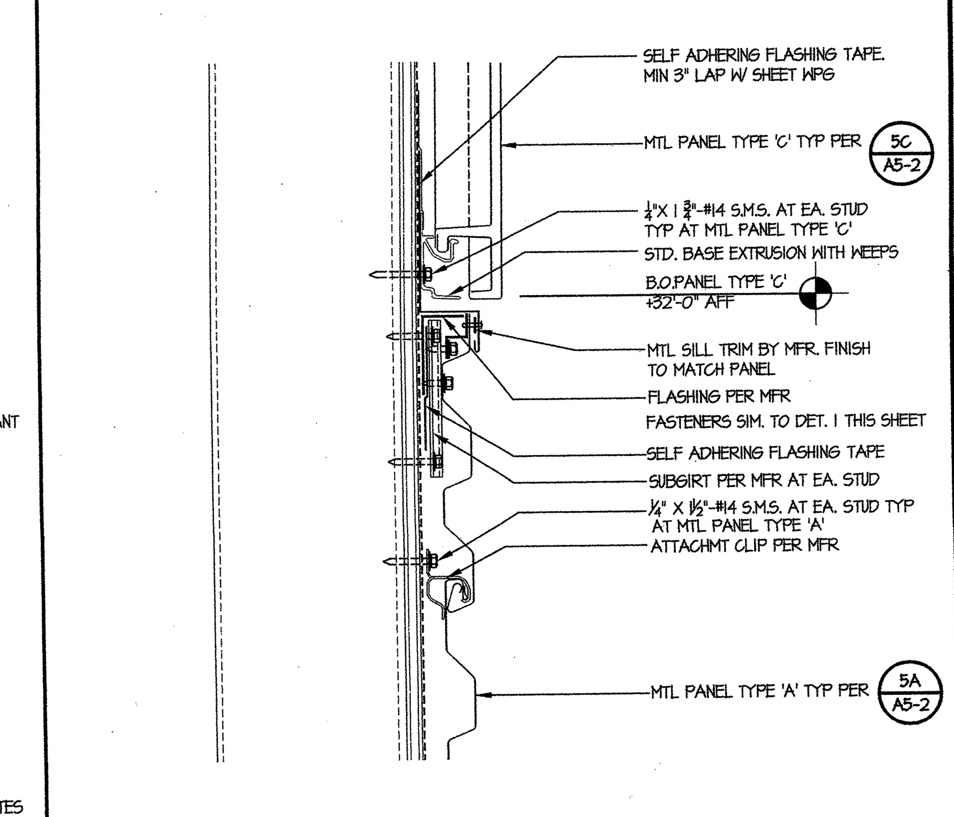
FABRICATED SOFFIT - MTL PANEL TYPE 'C' 12 SCALE: HALF



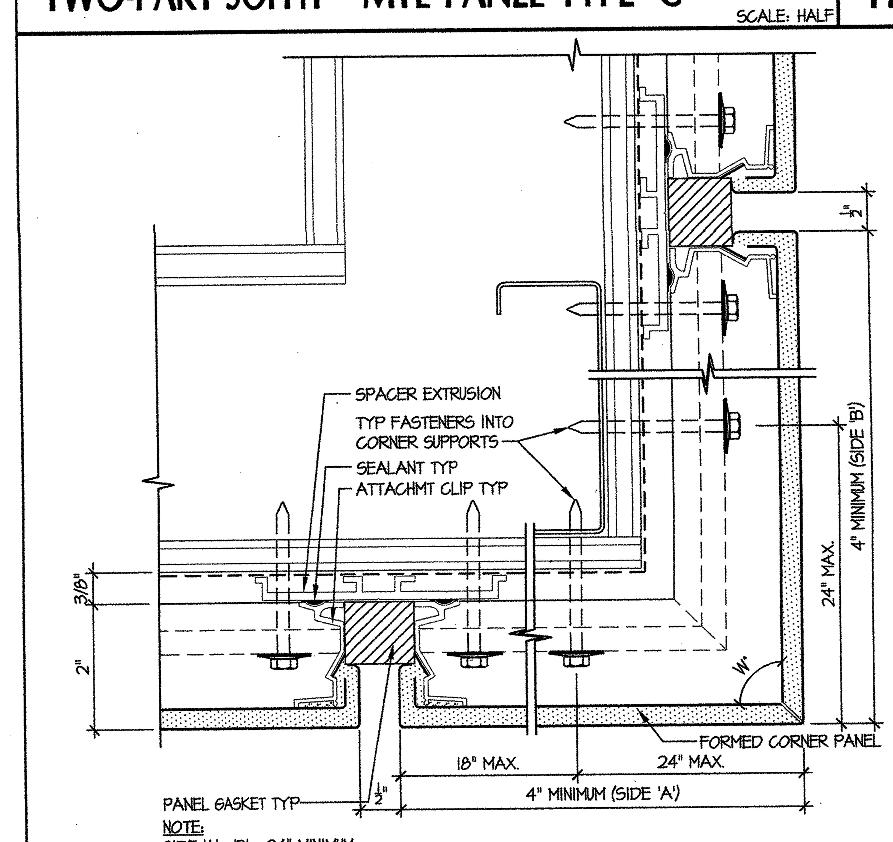
TYPICAL JAMB DETAIL - MTL PANEL TYPE 'C' 13 SCALE: HALF



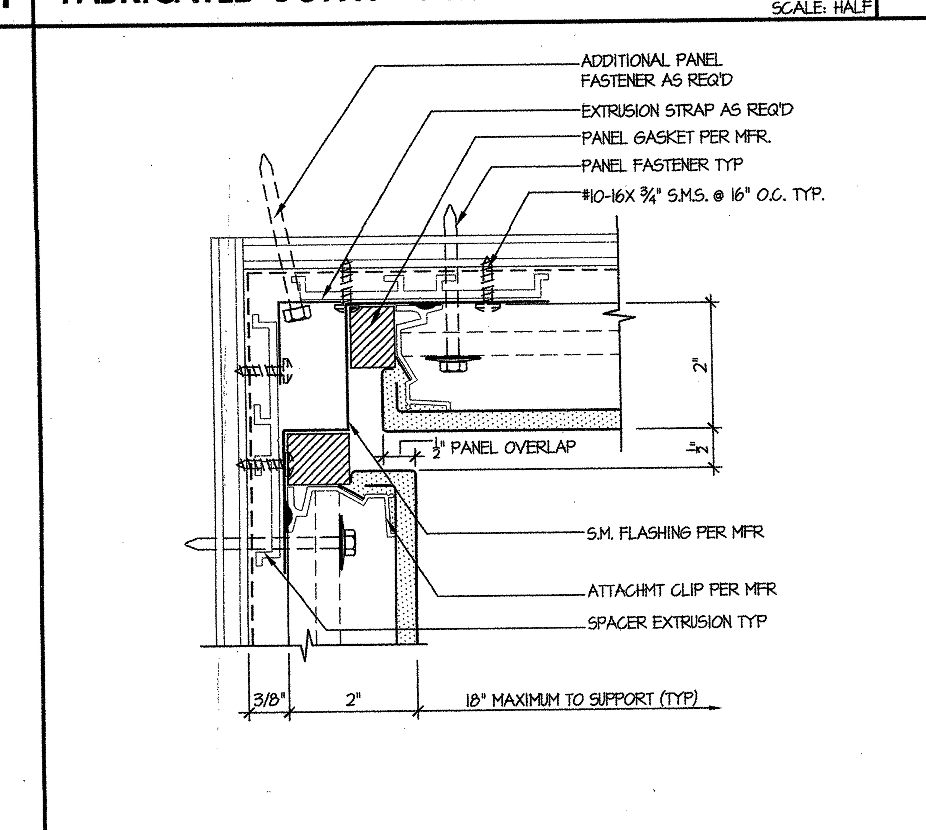
TYPICAL BASE DETAIL- MTL PANEL TYPE 'C' 14 SCALE: HALF



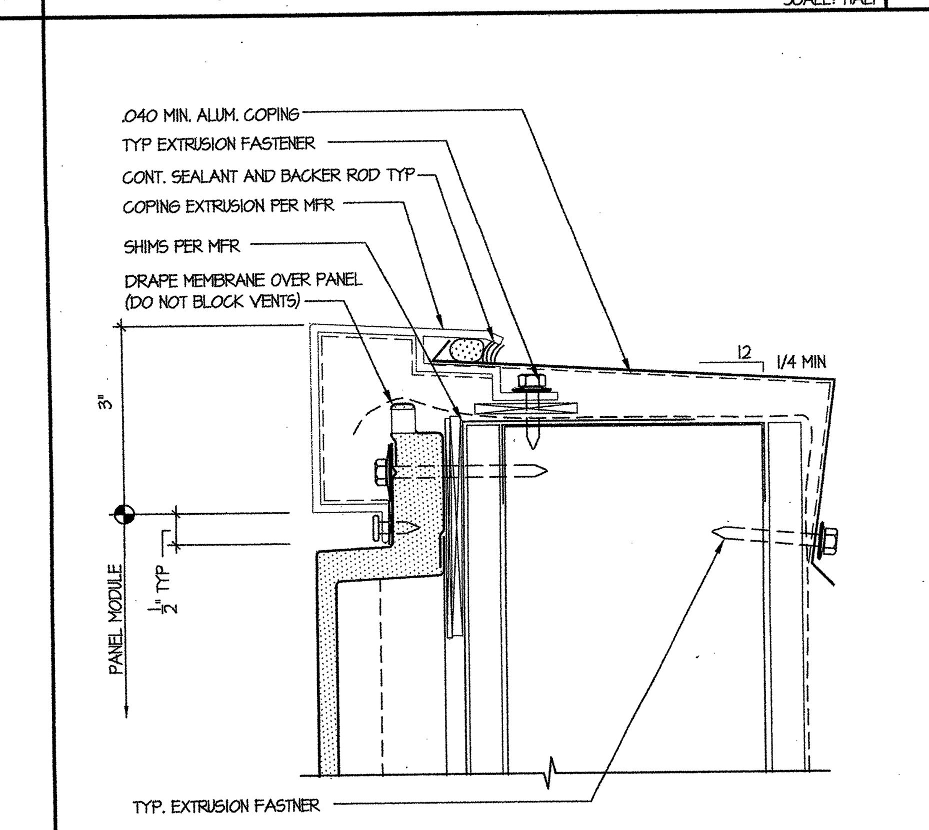
TYP PANEL TO PANEL DETAIL 15 SCALE: 3" = 1'-0"



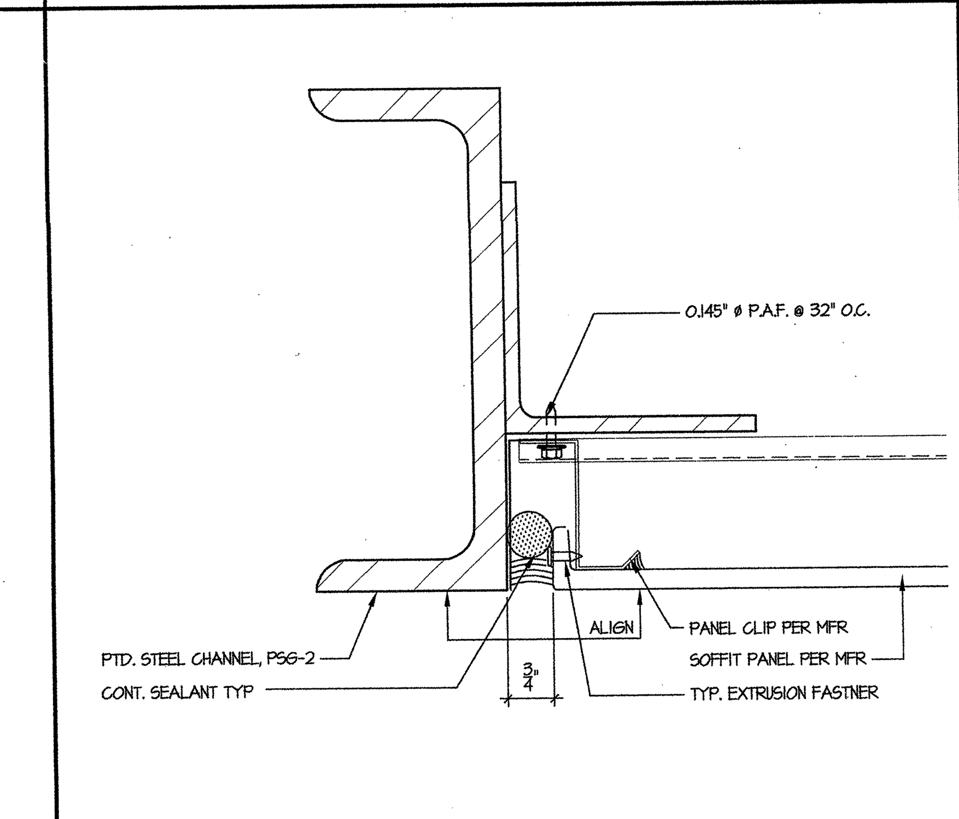
OUTSIDE CORNER - MTL PANEL TYPE 'C' 16 SCALE: HALF



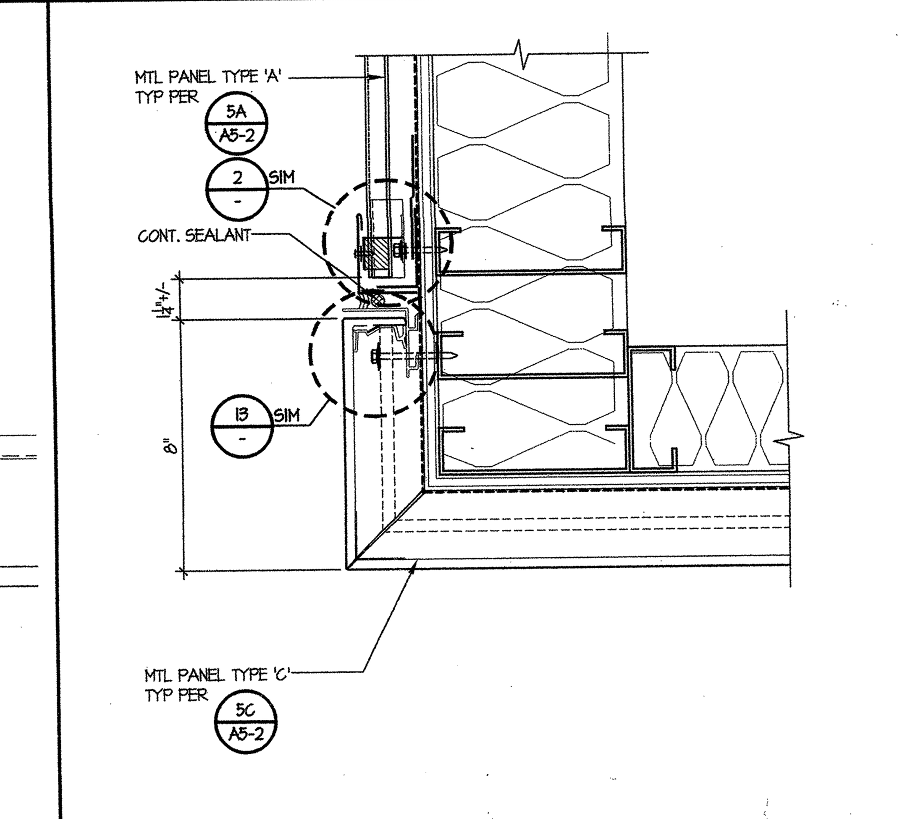
INSIDE CORNER - MTL PANEL TYPE 'C' 17 SCALE: HALF



ALT. PARAPET COPING DETAIL-MTL PANEL TYPE 'C' 18 SCALE: HALF



SOFFIT PANEL DETAIL - MTL PANEL TYPE 'C' 19 SCALE: HALF



TYP. CORNER PANEL DETAIL 20 SCALE: 3" = 1'-0"

tBP architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p. 925.246.6419 f. 925.246.6495

LICENSED ARCHITECT - STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
AC / FLS / SS
DATE 1-14-05
File No 7C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p. 415-396-9500 f.

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Contra Costa Community College District

tBP project number : 20241.00
file name: DTL-0304.DWG
drawn by: CC checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
EXTERIOR DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
3.04

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00

Subj.: Steel Network's JambStud products
RFI No: **240**
Reference (dwg, spec.) : 19/4.01
Subcontractor RFI: Concord #4

Reply Requested By: 6/8/06

INFORMATION REQUESTED: Date: 6/1/06

Concord Drywall is requesting to use the Steel Network Associates Jambstud product in leiu of built-up jambs and headers. See attached product data. Is this acceptable? Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 6.07.06

See Response attached.

Although the substitution period has passed, the SEOR has indicated that he will review the proposed product substitution for INTERIOR NON-BEARING STUDS ONLY AT JAMBS (see attached response). EXTERIOR JAMB STUDS ARE TO BE PROVIDED PER DSA APPROVED DETAIL 12/4.01.

Please provide product data submittal for review. Submittal should clearly indicate the proposed substitution is for INTERIOR 4" and 6" NON-BEARING JAMB STUDS ONLY.

Attachments: By: C. Chiang/tBP, Chiang Ng/DASSE

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	5/26/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	6.06.06
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	6.07.06
tBP / ARCHITECTURE	S.J. AMOROSO	6.07.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

Los Medanos College – Science Building
DASSE Response to RFI #240

Substitutions shall demonstrate equivalency to products specified. Section properties "Ix and "Ma" as specified on detail 1/4.01 shall be met or exceeded.

Interior Jamb studs per 12/4.01: The following substitutions may be used
Double 400S125-54 → 400JS250-68
Triple 400S125-54 → 400JS250-97

Interior Headers:
Substitution does not provide equivalent section properties. Use built-up headers per 11/

6/

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00

Subj.: K-brace interference with drift clips
RFI No: **257**
Reference (dwg, spec.) : A0-2, A5-6, A5-5
Subcontractor RFI:Concord 9

Reply Requested By: 6/26/06

INFORMATION REQUESTED: Date: 6/19/06

The gussets for the K-braces are interfering with installation of the drift clips at bottom flange of beam at the lower side of the 2nd floor deck (mid-bay) and at the lower side of the roof deck (at columns). There is not enough flange on the bottom of the beam from the face of gusset to attach the DSL8 clips. Attaching to the top of the flange does not solve this problem.

Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:

Note per 19/4.01, only 2 fastners to flange is required. Slots are spaced at approximately 2". The narrowest flange is 7" at all braced frames. Custom lengths may be required. 6/26/06

Attachments: By:

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	6/14/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

cc: cabled

RFI # 000
Page 1

Bulletin No.30

tBP — Architecture, Planning, Interiors, Management

Date: April 25, 2006

To: S.J. Amoroso Construction, 390 Bridge Parkway, Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Sheets 3.02, 4.01:

Clarification to framing at wall intersections as follows:

1. At intersection of interior and exterior walls, provide aluminum 'F' reveal at end of interior wall perpendicular to exterior wall, and leave min. 1/8" gap between interior stud and exterior stud, as indicated per detail 1/3.02 typical.

2. At the intersection of interior walls and at corners, particularly at wall intersections adjacent to door jambs, provide backing studs typical for wall attachment, as indicated per attached SKA-30.1, per standard framing requirements and at no additional cost to Owner.

Issued By: Architect
Requested By: Architect
Reason: Clarification to framing at wall intersections
Enclosures: SKA-30.1

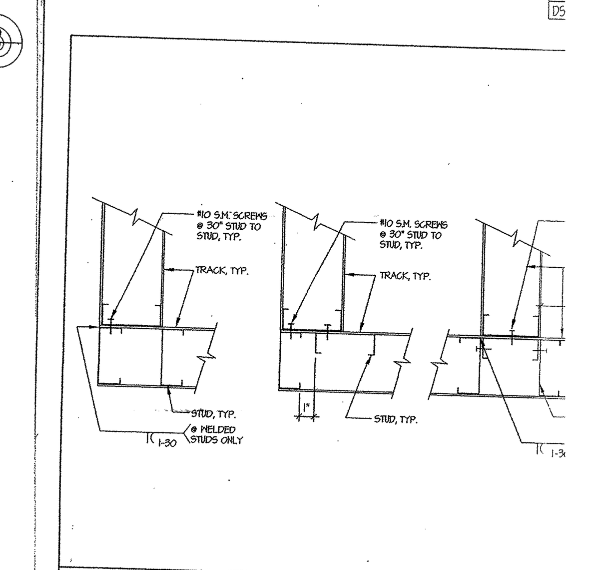
Distribution:

Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cass Parrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

cc: cabled

Action:
☒ For Information/Clarification only
☐ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
☐ Requires DSA review and approval
☐ Proceed as authorized by District

tBP/Architecture. 1000 Burnett Ave. Suite 140 Concord, CA 94520 ph: 925.246.6419 fax 925.246.6495



TYP. CORNER + INTERSECTION CONNECTIONS

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District

ARCHITECT
tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

tBP architecture planning interiors management

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00

Subj.: Stud wall alignment with beam above at F-line
RFI No: **254**
Reference (dwg, spec.) : A1-1 thru A1-4, response to RFI 121
Subcontractor RFI:Concord 7

Reply Requested By: 6/26/06

INFORMATION REQUESTED: Date: 6/19/06

The alignment of the F-line wall relative to the beam above results in the stud wall partially hitting the bottom flange of the beam (see response to RFI 121 for alignment of wall). See sketch on attached Concord RFI No. 7. Please advise if additional measures are required.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DASSE DATE:

For full height walls: use detail 2 or 6/4.01. Note for 2/4.01, additional 2" horizontal slots may be required to allow anchorage into beam.
For suspended soffits, use detail 14/4.02. 6/26

Attachments: By:

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	6/14/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

See RFI #268 for additional information on fire proofing and framing detail related to this issue.
Vanessa Ling/tBP
6/30/06

RFI # 000
Page 1

Concord Drywall, Inc.
1717 Solano Way, #28
Concord, Ca. 94520
Office 925-676-9255 fax 925-825-9583

RFI

6/19/2006

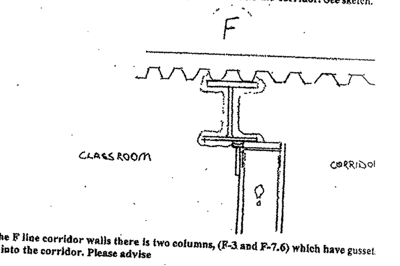
Concord Dr

Job; Las Medanos Science Building

Contractor: S.J. Amoroso
Attention; Mark Delgado
Fax# 427-7570

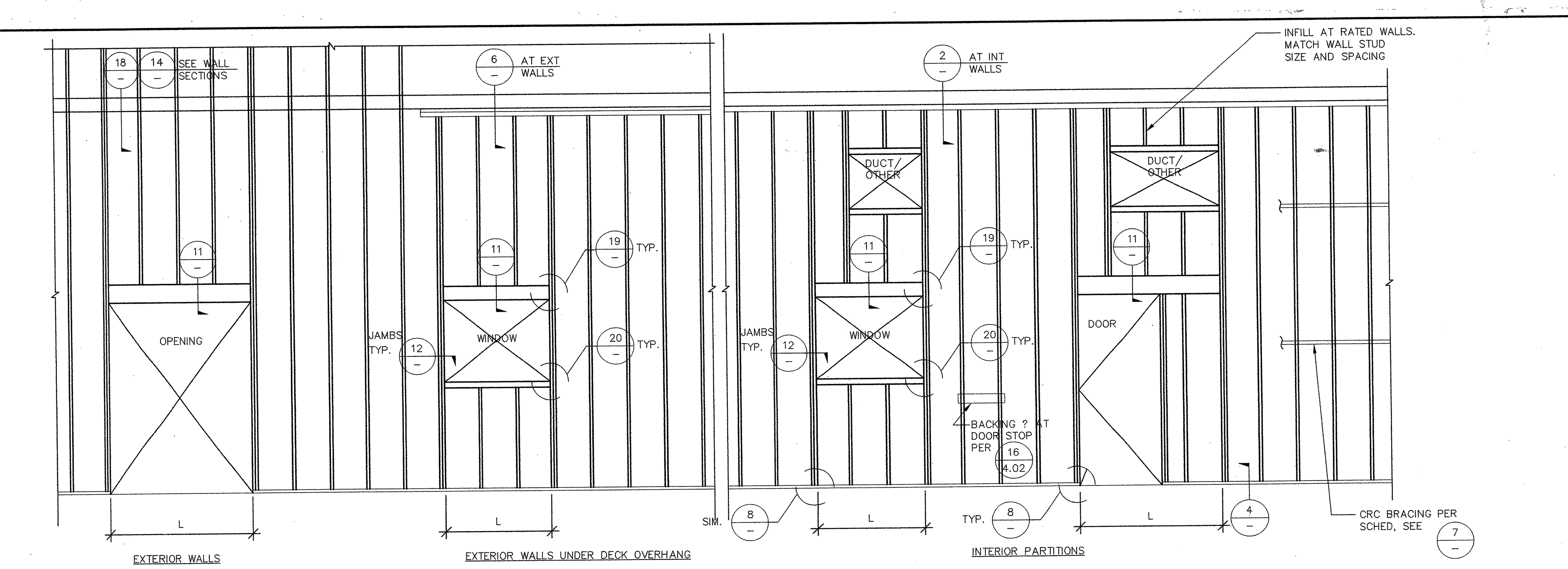
Subject; Corridor wall on F line.

The corridor wall on F line does not miss the beam above, allowing us to install our hea plan. The IOR has concerns that the beam has penetrated into the corridor. See sketch. advise.



Also, on the F line corridor walls there is two columns, (F-3 and F-7.6) which have gusset penetrate into the corridor. Please advise

Thank You
Tim Titsworth
CEO



1 TYPICAL METAL STUD FRAMING AND NOTES

1. PROVIDE STUDS, TRACKS AND BRACING PER SCHEDULE AS FOLLOWS:

METAL STUD SCHEDULE
REF.: STEEL STUD MANUFACTURER'S ASSOCIATION (ICBO 4943P)

NOMINAL SIZE	CATALOG SIZE	MINIMUM PROPERTIES			SPACING (IN)	MAX. HEIGHT (IN FEET)	MAX. SPACING OF CRC STUD BRACING
		Ix inÞ4	Sx inÞ3	Ma in-k			
INTERIOR STUDS AND INTERIOR & EXTERIOR BRACES							
2 1/2" x 18GA	250S125-43	0.226	0.173	3.43	FOR COLUMN WRAP AND FURRING		
4" x 18GA	400S125-43	0.676	0.327	6.46	16	16'-5"	4'-0"
4" x 16GA	400S125-54	0.828	0.391	11.71	16	20'-1"	4'-0"
4" x 14GA	400S125-68	1.015	0.498	14.91	FOR SILLS		
8" x 16GA	800S125-54	4.560	1.097	32.84	FOR HEADERS		
INTERIOR TRACKS							
4" x 16GA	400T125-54	0.849	0.359	10.74	TYPICAL TRACK		
4" x 16GA	400T150-54	0.918	0.374	11.19	TOP TRACK		
4" x 16GA	400T200-54	1.037	0.394	11.88	CAPPING TRACK		
EXTERIOR STUDS							
6" x 16GA	600S162-54	2.860	0.927	27.76	16	17'-9"	4'-0"
6" x 14GA	600S162-68	3.525	1.164	39.46	FOR SILLS		
8" x 16GA	800S162-54	5.736	1.397	41.84	FOR HEADERS		
EXTERIOR TRACKS							
6" x 16GA	600T125-54	2.221	0.653	19.55	TYPICAL TRACK		
6" x 14GA	600T150-68	3.154	0.913	27.34	TOP TRACK		
6" x 16GA	600T250-54	2.881	0.732	21.92	CAPPING TRACK		

2. ONE HOUR FIRE RESISTIVE CONSTRUCTION FOR INTERIOR PARTITIONS TO BE AS NOTED ON PLANS.
REFER TO FLOOR PLANS FOR LOCATIONS.

3. ALL GYPSUM WALL BOARD TO BE 5/8" THICK, TYPE "X" WHERE REQUIRED FOR FIRE RESISTANT RATED ASSEMBLIES.

4. ALL INTERIOR PARTITIONS TO RECEIVE SOUND BATT INSULATION.

5. ALL STUDS SHALL CONFORM TO ASTM A653, A792 OR A875.
18 GA AND LIGHTER, MINIMUM YIELD POINT OF 33 KSI.
16 GA AND HEAVIER, MINIMUM YIELD POINT OF 50 KSI.

6. PROVIDE 16 GA (MINIMUM) METAL STUDS WHERE EQUIPMENT OR FIXTURES, INCLUDING CABINETS, ARE ATTACHED TO STUD WALL.
SEE DETAILS 17, 18, 19/4.02

7. ALL METAL STUDS SHALL BE MANUFACTURED BY THE CURRENT MEMBERS OF THE STEEL STUD MANUFACTURERS ASSOCIATION LISTED IN ICBO #4943P. ALL STUDS SHALL COMPLY WITH ICBO #4943P.

8. PROVIDE SHEET METAL SCREWS (SMS) PER DETAIL 10 ON THIS SHEET

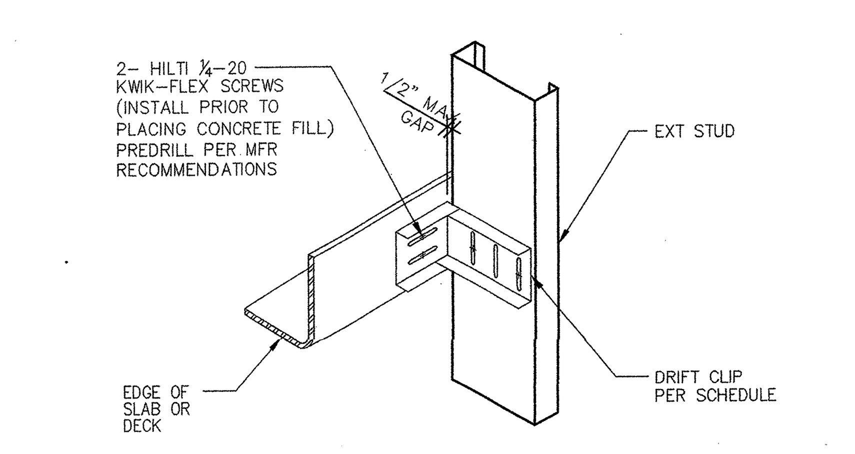
9. POWDER ACTUATED FASTENERS SHALL BE BY HILTI, ICBO #2388.
PROVIDE 0.08" THICK x1.1" SQ. OR 1.425" ROUND WASHERS FOR ALL POWDER ACTUATED FASTENERS.

10. METAL FRAMING CONNECTORS: AS MANUFACTURED BY THE STEEL NETWORK, INC, OR APPROVED EQUAL. THE STEEL NETWORK, INC. DESIGNATIONS USED.

11. SEE DETAIL 7 ON THIS SHEET FOR TYPICAL COLD ROLLED CHANNEL (CRC) BRACING ATTACHMENTS AND SPLICES. CRC MAY BE OMMITTED WHERE THE FOLLOWING SHEATHING AND ATTACHMENTS ARE PROVIDED ON BOTH SIDES OF STUDS.

WALL SHEATHING	ATTACHMENT
APPROVED LATH FOR PLASTER	#8 x 1/4" HEAD SMS, SPACED PER TABLE No. 25-C C.B.C.
SINGLE-PLY GYPSUM WALLBOARD AND/OR GYPSUM LATH	ATTACHMENTS PER TABLE No. 25-G C.B.C.
TWO-PLY GYPSUM WALLBOARD	ATTACHMENTS PER TABLE No. 25-H C.B.C.
PLYWOOD	#6 PHILIPS BUGLE HEAD SCREWS SPACED PER TABLE No. 25-G C.B.C.

CORNER FRAMING PER BULLETIN 30 - OPPOSITE PAGE.

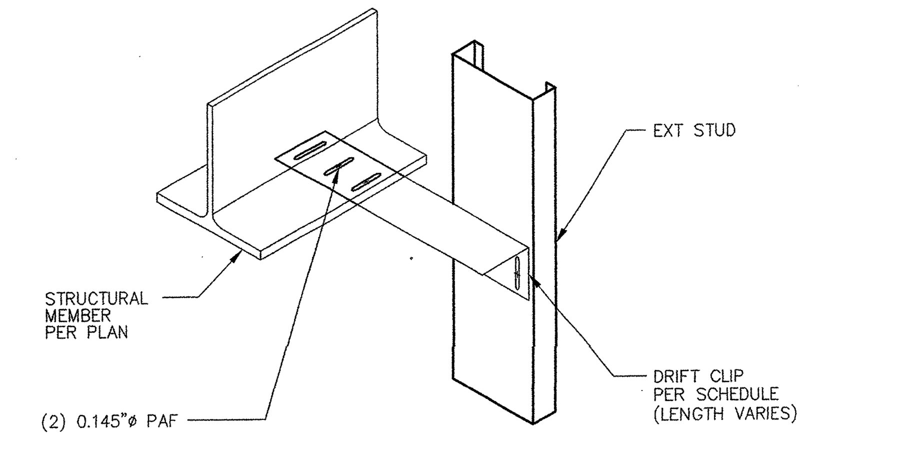


STUD DEPTH	DRIFT CLIP
4"	DSLB 400
6"	DSLB 600
8"	DSLB 800

NOTE:
PROVIDE 2" HORIZONTAL SLOTS AT 2nd FLOOR ELEVATION AND 3½" HORIZONTAL SLOTS AT ROOF ELEVATION

RFI-57 → DRIFT TRACK DTSLB IN LIEU OF DRIFTCLIP DSLB
RFI-57.1 → DRIFTCLIP DSLB CANNOT PROVIDE 3½" OF DRIFT.

18 DRIFT CLIP
FOR FIRE CAULKING, SEE RFI'S 242 & 242.1, SHEET A6-1

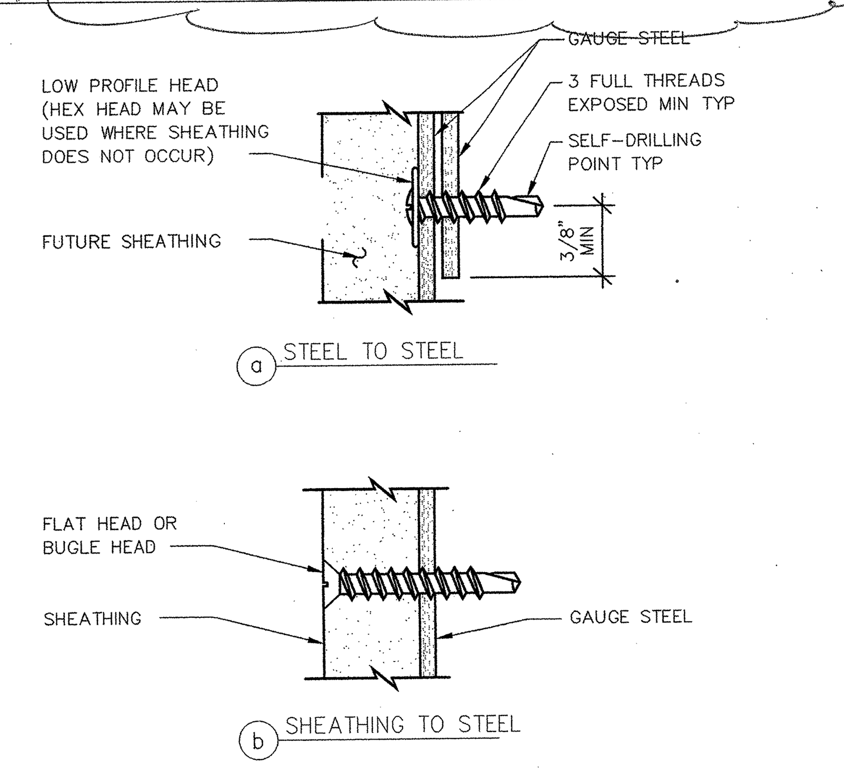


STUD DEPTH	DRIFT CLIP
4"	DSLS 400
6"	DSLS 600
8"	DSLS 800

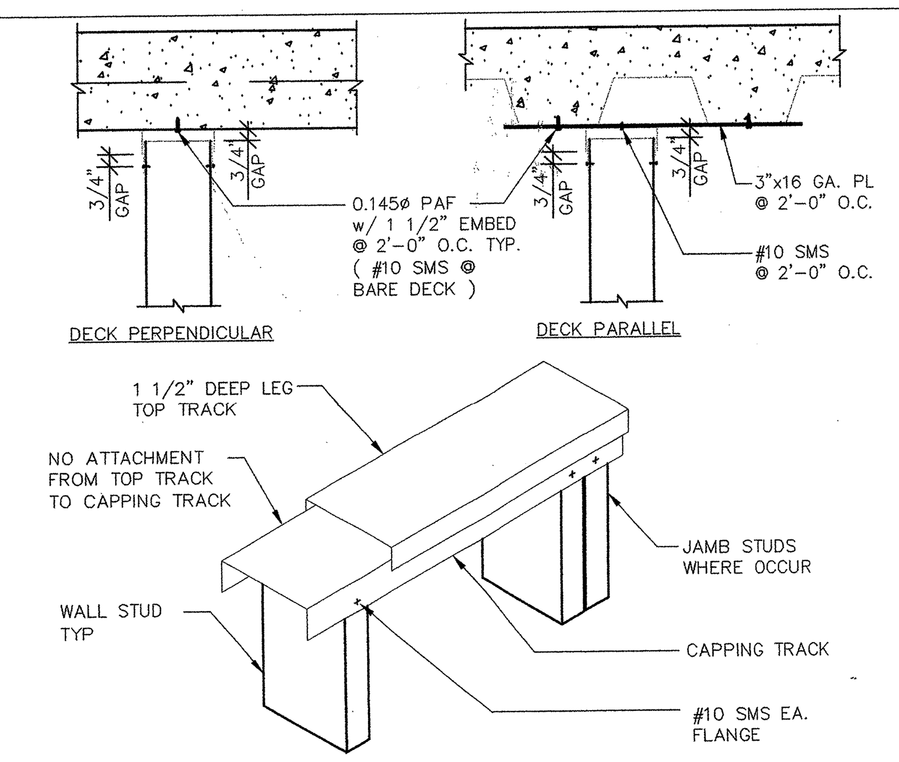
NOTE:
PROVIDE 2" HORIZONTAL SLOTS AT 2nd FLOOR ELEVATION AND 3½" HORIZONTAL SLOTS AT ROOF ELEVATION

RFI-57, RFI-57.1

14 DRIFT CLIP
FOR FIRE CAULKING, SEE RFI'S 242 & 242.1, SHEET A6-1
SEE RFI 257 FOR K-BRACE CONFLICT

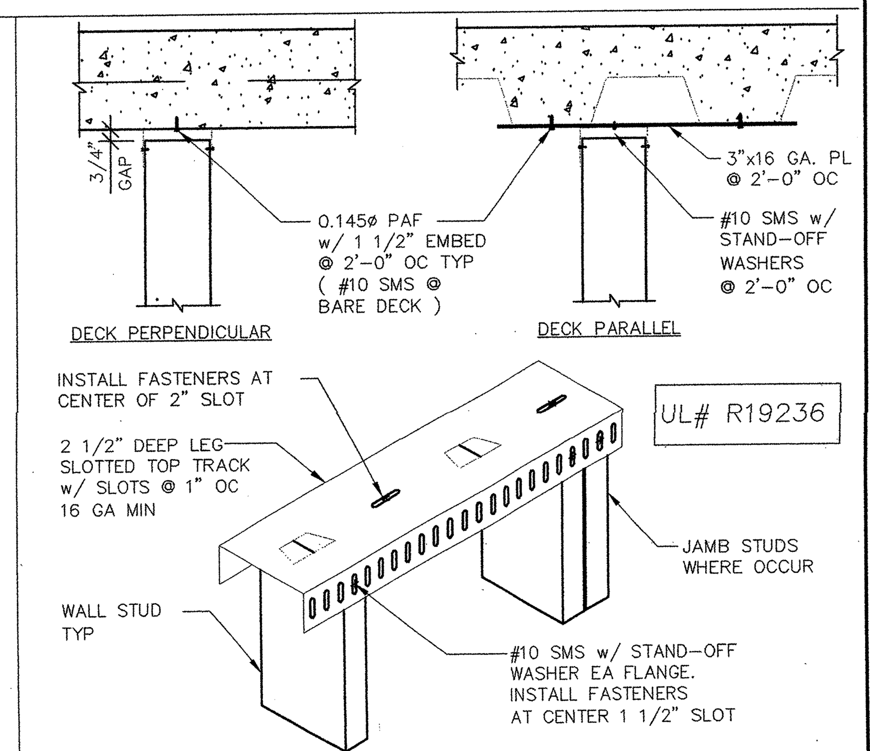


10 SHEET METAL SCREWS (SMS)



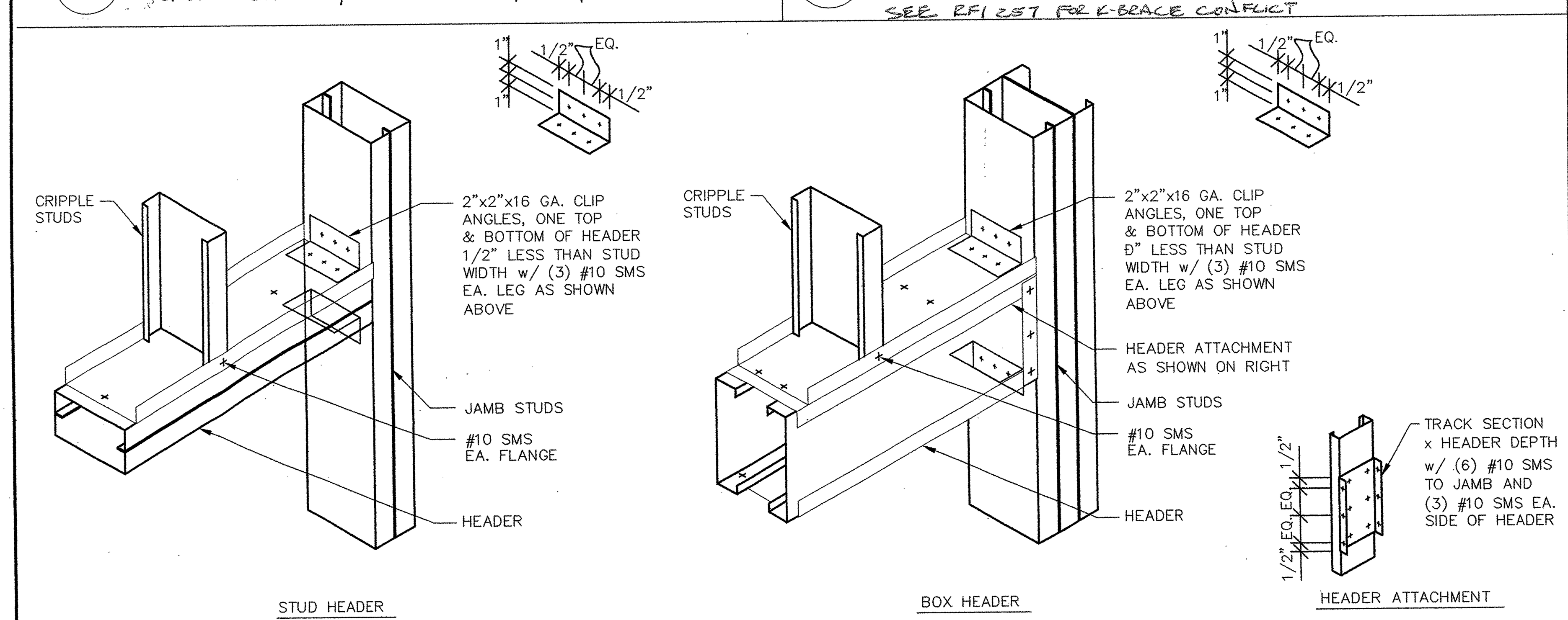
NOTE: INSIDE DIMENSION OF OUTER TRACK TO BE 1/8" MORE THAN STUD WIDTH.

6 EXTERIOR TOP TRACK

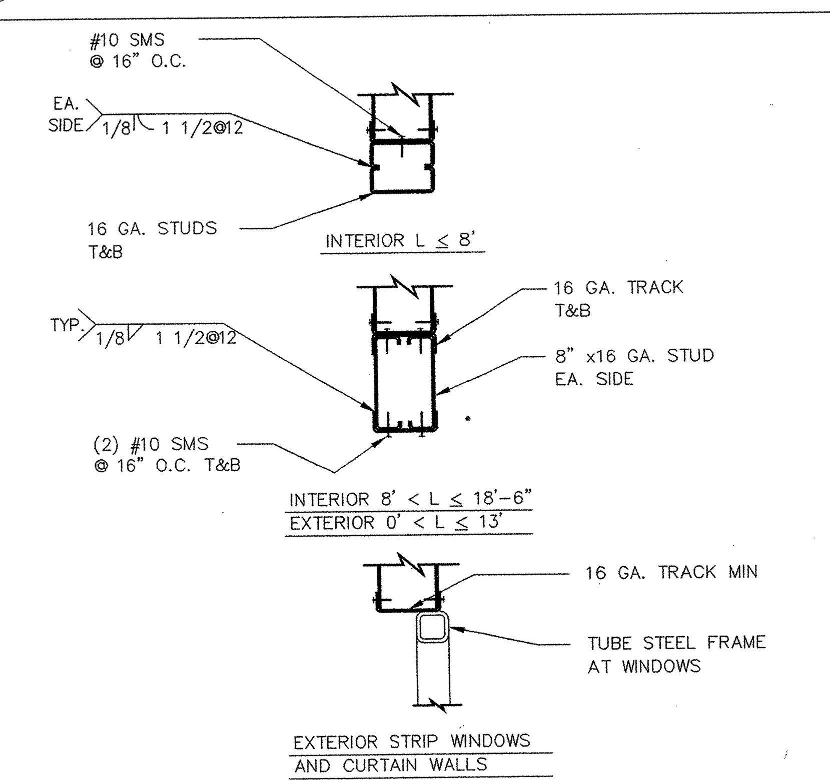


NOTE: DETAIL 6 ON THIS SHEET MAY BE USED AS AN ALTERNATE DETAIL

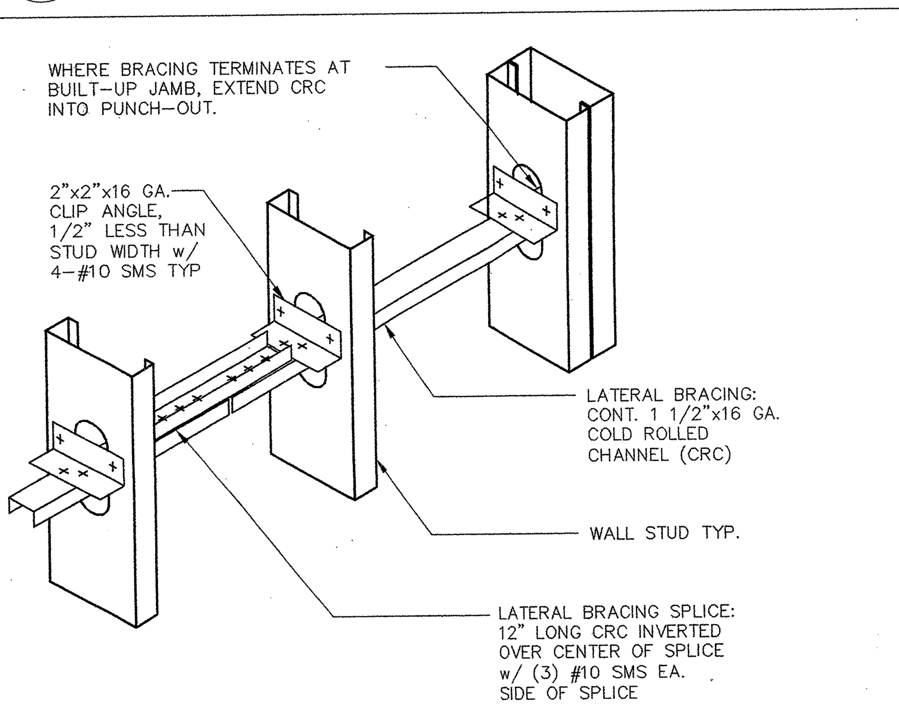
2 INTERIOR TOP TRACK



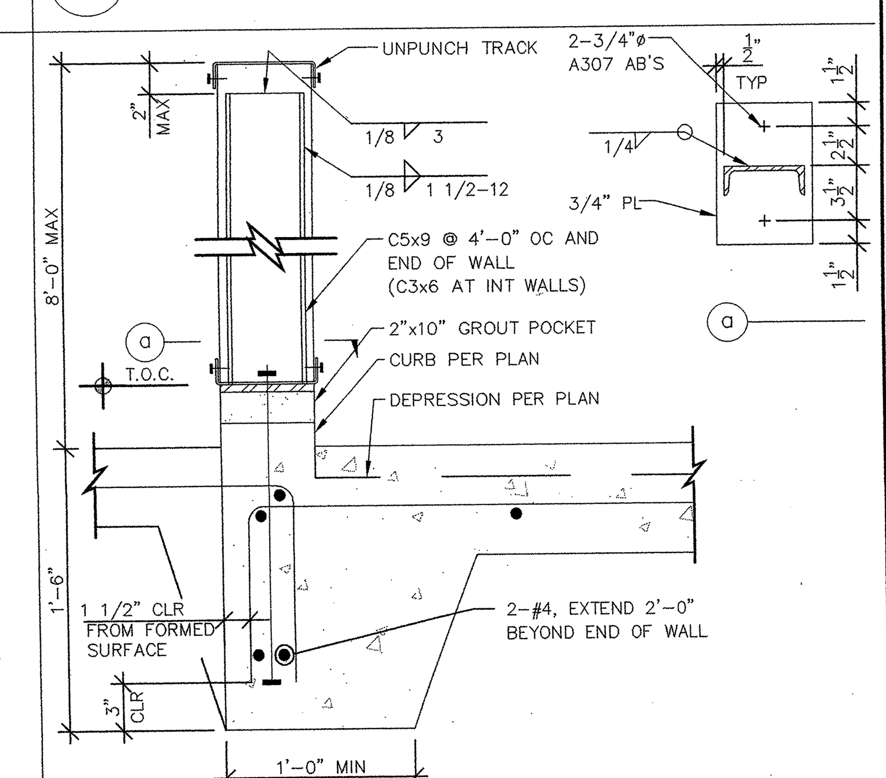
19 HEADER TO JAMB CONNECTION



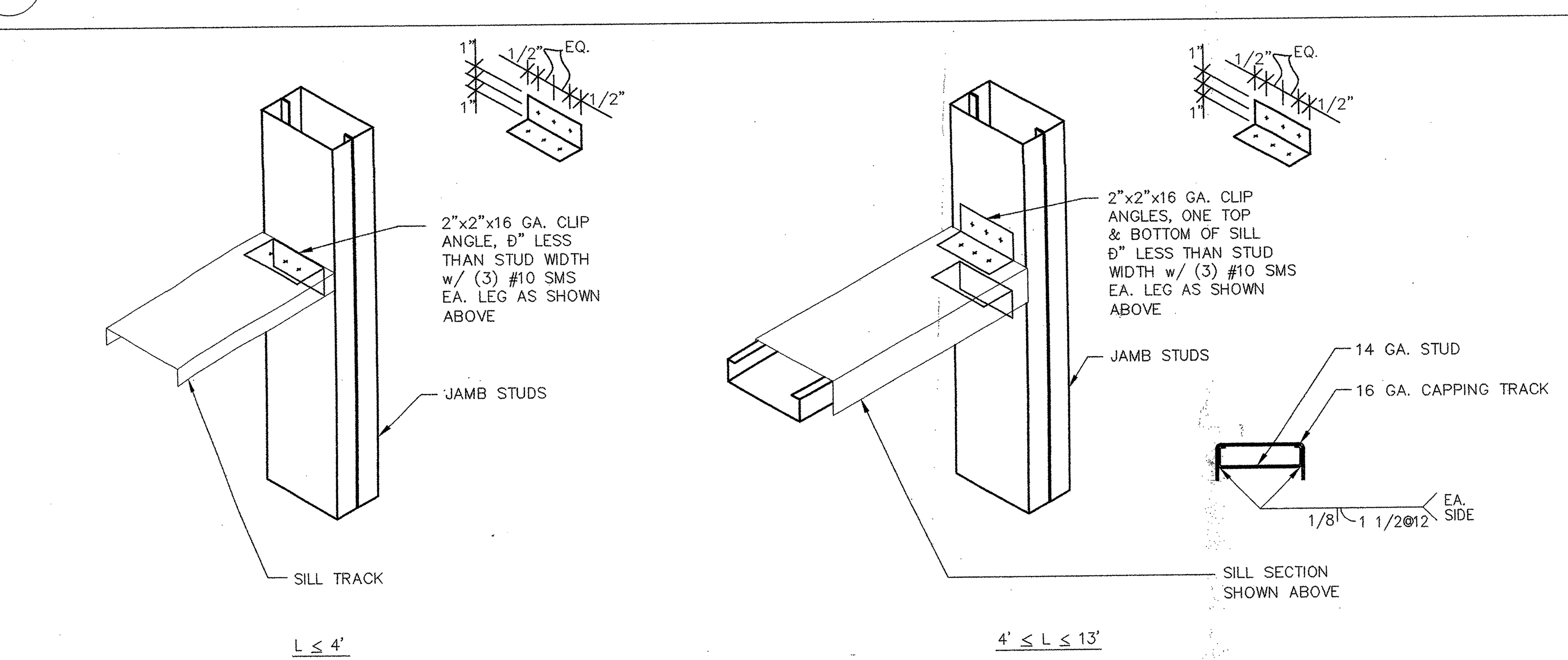
11 HEADERS



7 CRC BRACING

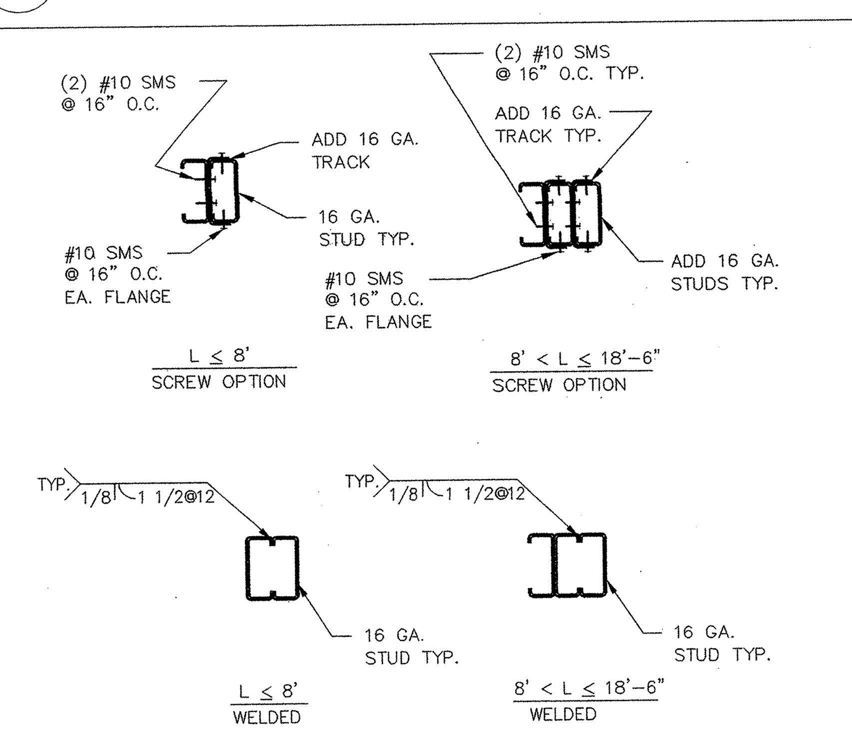


3 CANTILEVER STUD WALL ON SLAB-ON-GRADE

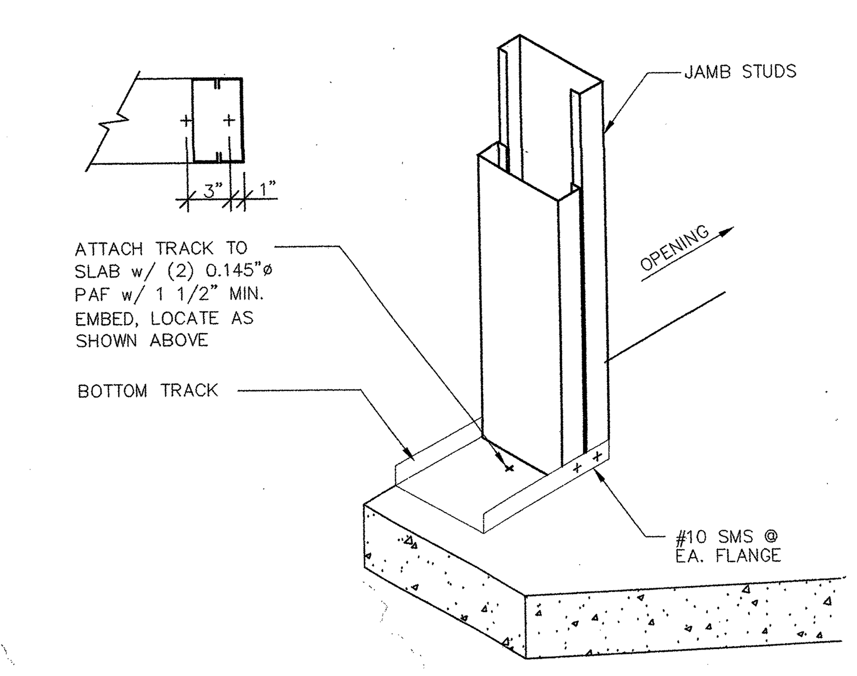


NOTE: WHEN L > 13'-0", SEE DETAIL 3 ON THIS SHEET FOR WALLS ON SLAB-ON-GRADE, AND 20/4.02 FOR INTERIOR WALLS ON ELEVATED SLAB.

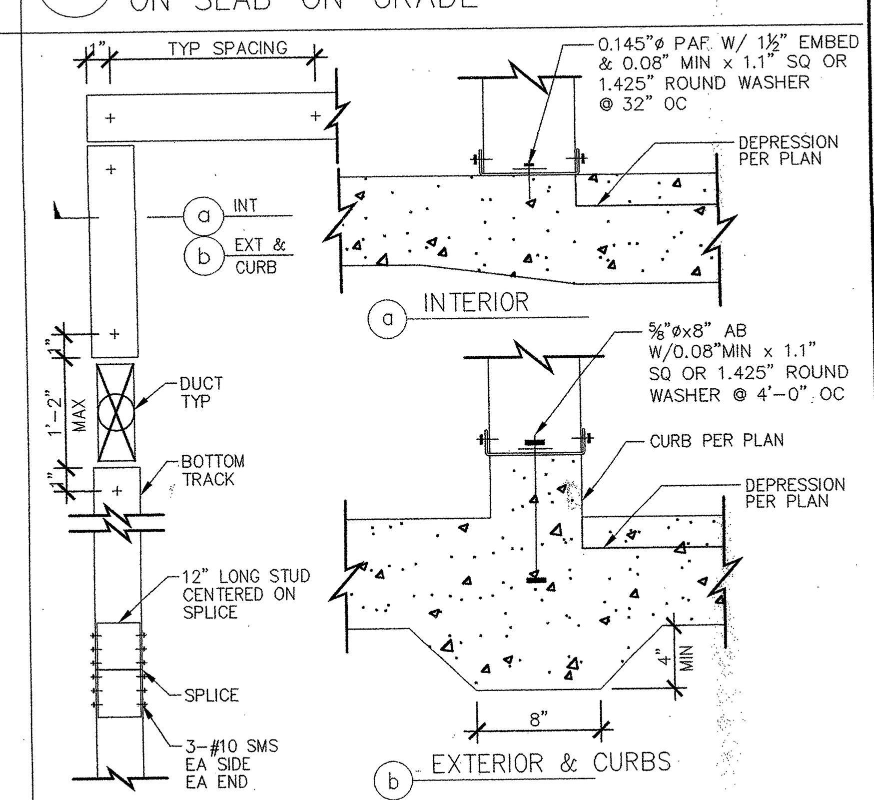
20 SILL AND CONNECTION TO JAMB
SEE RFI 240



12 JAMBS



8 INTERIOR BOTTOM TRACK AT JAMB



4 BOTTOM TRACK

architecture
planning
interiors
management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

LICENSED ARCHITECT
RICHARD A. MANGUM, A.I.A.
NO. C-8685
REN. 12-31-05
STATE OF CALIFORNIA

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
FLS SS
DATE 1-12-05

FILE No. 7-C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number : 20241.00

file name: DTL-0401.DWG

drawn by: checked by:

date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:

METAL STUD FRAMING DETAILS

LMC SCIENCE 313-023-112.01-0-00.00

drawing

Los Medanos College
4CD Proj. #: L-565-B-23-SC
Science Building

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Wall type 10A thickness
Reference (dwg, spec.): A1-1 thru A1-4, 4.02
RFI No: 128
Subcontractor RFI#
Reply Requested By: 2/10/06

INFORMATION REQUESTED: Date: 2/3/06

Architectural floor plans A1-1 thru A1-4 depict type 10A walls in the following approximate locations: 1st floor F-line at 4.5-line, 5.7-line and 7.6-line; 2nd floor F-line at 5.5-line and 7-line. Per sheet 4.02 type 10A wall thickness is "per plan." However, this information is not given on the floor plans. Note that several of the type 10A walls encapsulate columns. Please provide the wall thickness for type 10A walls.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE 2.20.06

See attached sketch SKA-128 for wall thickness of wall type 10A. Note that stud size at corridor side is 6" stud and stud size at room side is 4" stud typical.

Attachments:

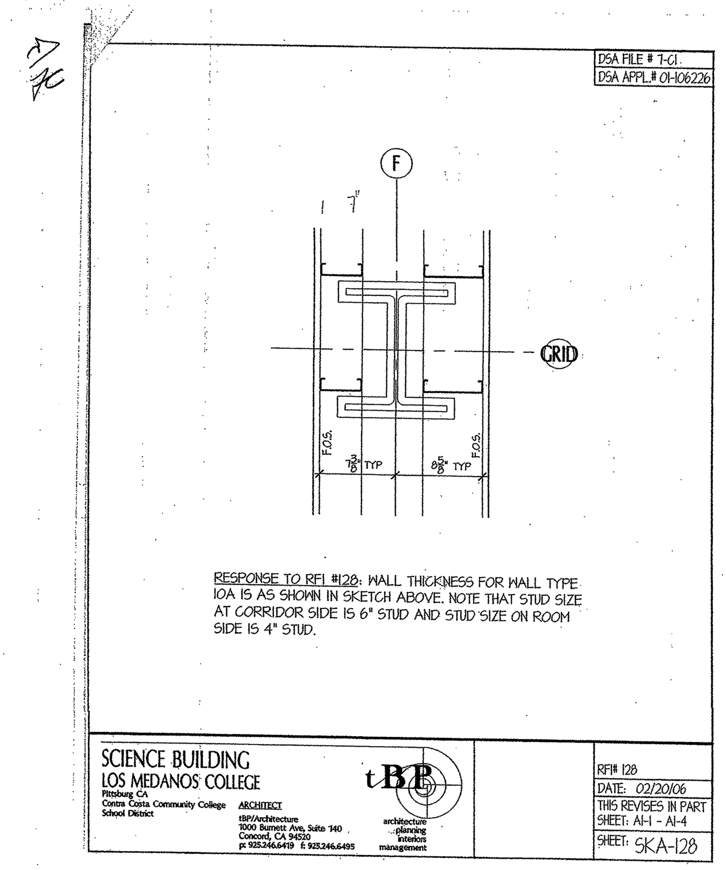
By: C. Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	2/3/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	2.20.06
S.J. AMOROSO	ORIGINATOR	

CC: MIGUEL

RFI # 000
Page 1



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Application of Bulletin 38 details
Reference (dwg, spec.): A1.1, A1.2, A2.1, A2.2
RFI No: 309
Subcontractor RFI:
Reply Requested By: 8/8/06

INFORMATION REQUESTED: Date: 8/2/06

SJA has received and reviewed Bulletin 38 addressing head of wall details for rated walls that frame into or adjacent to beams. The bulletin applies 4 separate details to 8 different scenarios. This RFI is written to clarify which detail applies to which location. See attached tables for first and second floors. The head of wall type designation (A, B, C, D) has been hand-written on bulletin 38 itself, attached. Please review and confirm or correct as needed.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Bryan Newman

RESPONSE: DATE:

Please see the attached sketches SKA309.1 and SKA309.2 for clarification of locations of wall type designation. Contractor to verify in field for all the marked locations.

Contractor is responsible for 1-hour rated construction from floor to ceiling floor in three areas designated on Contract Drawings/Specifications. Where not required by Contract requirements, contractor shall provide CFS for differential /added costs only.

Vanessa Ling/tBP

cc: Concord
: Matrix
: Dowler
: EW Scott
: RCM
: MATRIX
; RES-COM

RFI # 000
Page 1

E-MAILED

Bulletin No.38

Date: 7/21/2006

To: S.J. Amoroso Construction, 390 Bridge Parkway, Redwood Shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District, DSA No. 01-106226; File # 7-C1, tBP P/N 20247.00

Description:

REFERENCE: RFI #268, 271, 272

Top of wall details at all rated wall (1 or 2 hour rated) where there is beam above.

All beams with 1-hour spray-on fire proofing under 2nd floor slab, see the following:

A 1. At wall parallel to wide flange beam above, where wall is align to centerline of wide flange beam or offset to beam that face of gypsum board finish on wall is less than 1" to edge of wide flange: See SKA-38.1 (= revised SKA268.1) and Hilti drawing #66855a for details.

B 2. At wall parallel to wide flange beam above, where wall is offset from the beam that face of gypsum board finish on wall is between 1" to 8": See Hilti drawing #66855a for details.

C 3. At wall parallel to cellular beam above, provide rated furring around beam; see SKA-38.2 and Hilti drawing #66856a for details.

D 4. At wall perpendicular to wide flange or cellular beam above, see Hilti drawing #HWD 0218c for details. Contractor to provide submittal for attachment of the mesh per Note 1 of HWD 0218C to the cellular beam.

At wide flange beam without 1-hour spray-on fire proofing under 2nd floor slab only, see the following:

5. At wall parallel to wide flange beam above, provide rated furring around beams; see SKA-38.2 and Hilti drawing#66854a for details.

D 6. At wall perpendicular to wide flange beam above, see Hilti drawing #HWD 0218c for similar details.

At cellular beam without 1-hour spray-on fire proofing under roof deck only, see the following:

C 7. At wall parallel to cellular beam above, provide rated furring around beams; see SKA-38.2 and Hilti drawing#66854a for details.

tBP/Architecture 1000 Burnett Ave. Suite 140 Concord, CA 94520

Bulletin # 38
LOS MEDANOS COLLEGE SCIENCE BUILDING

D 8. At wall perpendicular to cellular beam above, see Hilti drawing #HWD 0218c for similar details. Except there is no spray-on fireproofing on cellular beam (item 3 of HWD 0218C). Fill mineral wool (see item 7 of HWD 0218C) in the cellular beam cavity at between rated wall at both sides of beam, and cover with 5/8" Hilti CP 672 (see item 8 of HWD 0218C).

Issue By: Architect
Requested By: Architect
Reason: Clarification to top of rated wall detail at beams.
Enclosures: SAK-38.1, SKA-38.2, Hilti Engineering Judgments drawings #66853a, 66855a, 66856a, HWD0218c

Distribution:

Copies	Name	Organization
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Parrotta	CCCC District
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture
1 copy	Chiang Ng	DASSE
1 copy	Fai Auyoung	DSA

Action:
☐ For Information/Clarification only
☒ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
☐ Requires DSA review and approval
☐ Proceed as authorized by District

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S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Top of wall detail where wall is below beams
Reference (dwg, spec.) :4.02
RFI No: 268
Subcontractor RFI:
Reply Requested By: 7/5/06

INFORMATION REQUESTED: Date: 6/28/06

HOT

On sheet 4.02, the various wall types and their construction are defined. However, each of these details depicts the walls below metal deck. At various locations throughout the building, walls alin with beams above. No top of wall detail is given for this situation.

Note that many of the wall types are fire-rated walls, many of the beam supporting 2nd floor deck are to receive spay on fireproofing and that some beams are standard wide flange while others are the smart beams with holes in the flanges.

Please Advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

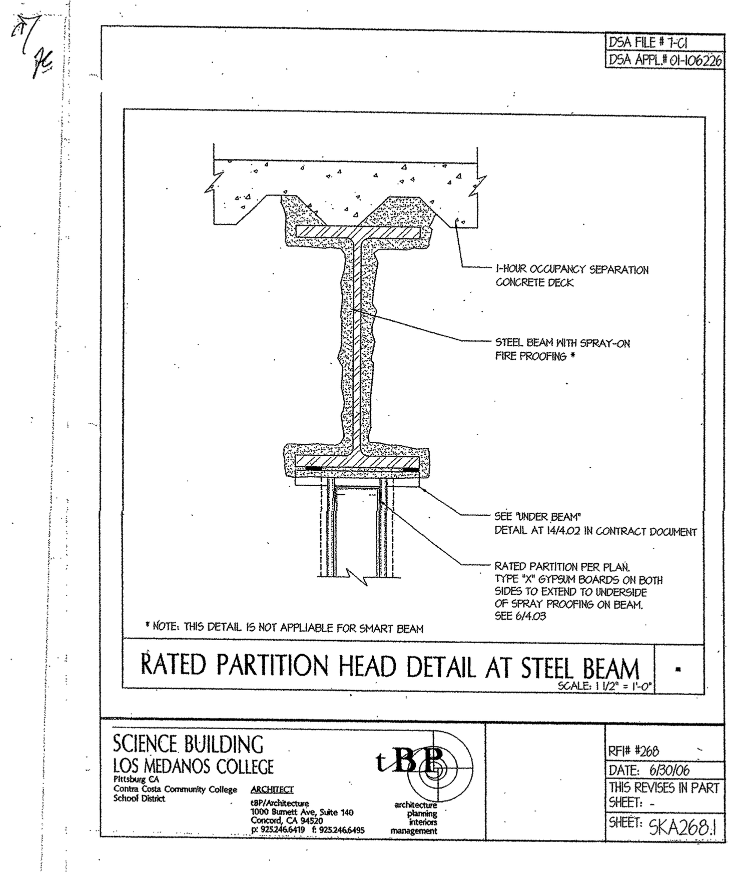
RESPONSE: DATE:

Wall details indicate fire rating continuous from floor to deck above. At beam conditions, rating is to be continuous. See attached sketch SKA-268.1 for clarifications.

At smart beams, rating is required to be continuous. Hilti "Engineering Judgement" will be follow and to be coordinated with spray-on fire proofing installation. We suggested Res-com (Firestopping sub-contractor) contact Hilti to expedite "Engineering Judgement."

Vanessa Ling/tBP
6/30/06

RFI # 000
Page 1



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Top of wall detail where wall is below beams
Reference (dwg, spec.) :4.02
RFI No: 268 (Amended 7/03/06)
Subcontractor RFI:
Reply Requested By: 7/5/06

INFORMATION REQUESTED: Date: 6/28/06

HOT

On sheet 4.02, the various wall types and their construction are defined. However, each of these details depicts the walls below metal deck. At various locations throughout the building, walls alin with beams above. No top of wall detail is given for this situation.

Note that many of the wall types are fire-rated walls, many of the beam supporting 2nd floor deck are to receive spay on fireproofing and that some beams are standard wide flange while others are the smart beams with holes in the flanges.

Please Advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

Wall details indicate fire rating continuous from floor to deck above. At beam conditions, rating is to be continuous. See attached sketch SKA-268.1 for clarifications.

At smart beams, rating is required to be continuous. Hilti "Engineering Judgement" will be follow and to be coordinated with spray-on fire proofing installation. We suggested Res-com (Firestopping sub-contractor) contact Hilti to expedite "Engineering Judgement."

Vanessa Ling/tBP
6/30/06

Amended response 7/03/06:

In response to the memo from Mark Delgado date 6/30/06. We suggest to on-hold to spray fireproofing on the following beams, where 1-hr walls are parallel and below cellular beams. Total of (4) wall locations. Hilti "Engineering Judgement" will be followed. (see attached diagram)

1. Partial cellular beam LB 36x55, only above south wall of Biology Classroom #142.
2. Partial cellular beam LB 36x62, only above north wall of Cadaver #133 and Cold Room #134.
3. Partial cellular beam LB 36x55, only above south wall of Anatomy Lab #132.
4. Partial cellular beam LB 36x55, only above south wall of Biology Classroom #130.

Vanessa Ling/tBP
7/3/06

RFI # 000
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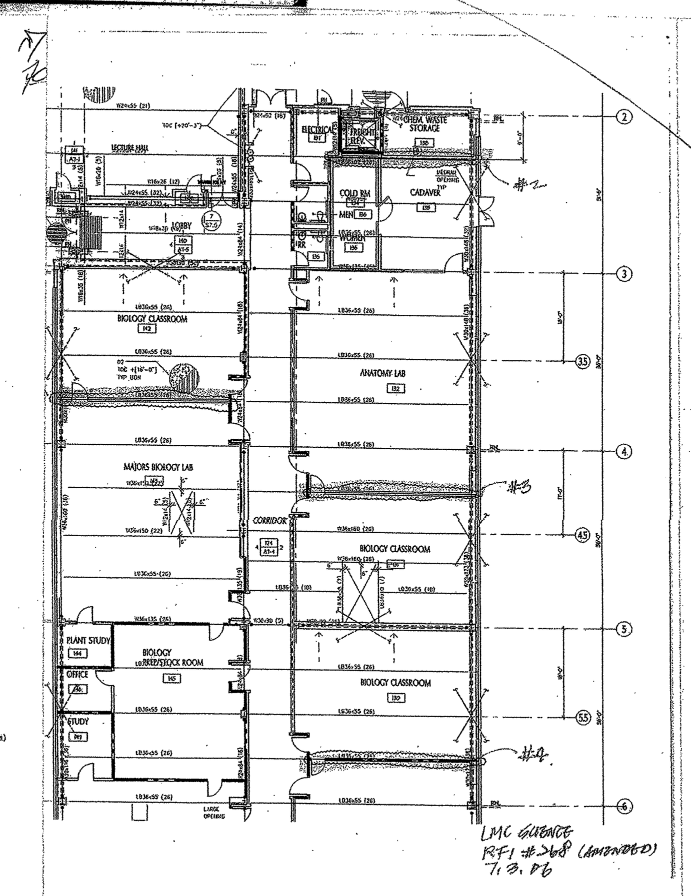
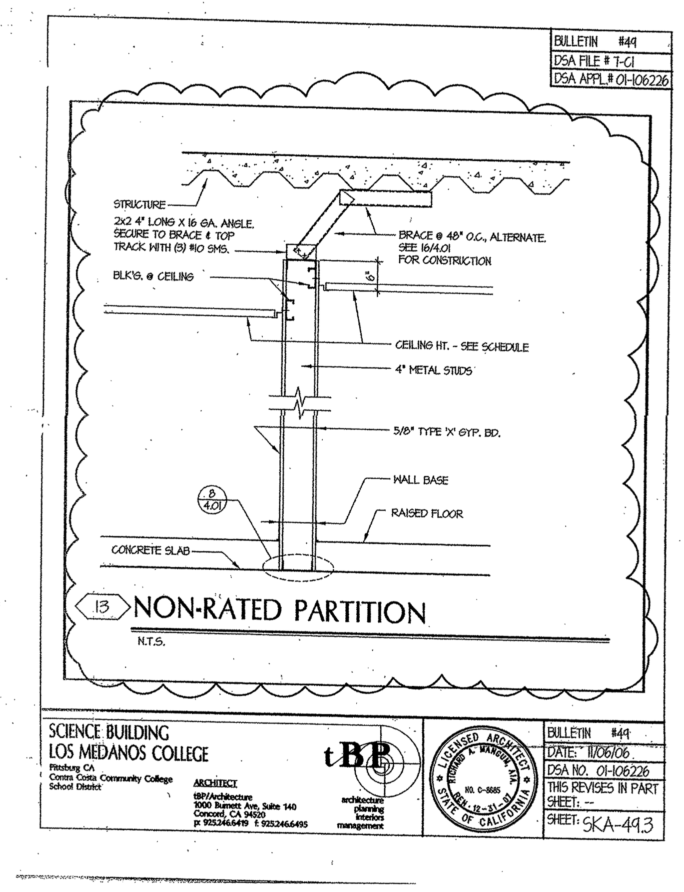
concurred





S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: STC ratings of walls vs. fire-rating of walls
Reference (dwg, spec.) : various on 4.02, Spec 09250-3.03D
RFI No: 272.1
Subcontractor RFI:
Reply Requested By: 7/13/06

INFORMATION REQUESTED: Date: 7/6/06

We have received the response to RFI No. 272 which brings our attention to specification section 09250-3.03D for penetrations through sound-rated walls. Every single wall type shown on sheet 4.02 that has an STC rating also has a UL fire rating.

The language in this specification seems to conflict with fire-rating requirements. For instance, the specification language is very specific with regards to clearance of penetrations to ducts or pipes but these clearances would be governed by UL listings for fire caulking of the penetrations.

Please advise on how we are to proceed. Do we follow fire-rating requirements or do we follow acoustic guide lines set forth in specification 09250-3.03D?

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

Follow fire rating requirements for all the RATED partitions. Follow acoustic guide line for all NON-RATED sound partitions. Reference Specifications Section 09250 and sheet 4.02 in Contract Documents.

Vanessa Ling/tBP
07/12/06

FELIPE, ALL OF THE ACOUSTIC WALLS ARE ALSO FIRE-RATED. SO, WE ONLY WORRY ABOUT FIRE-RATING.

RFI # 000
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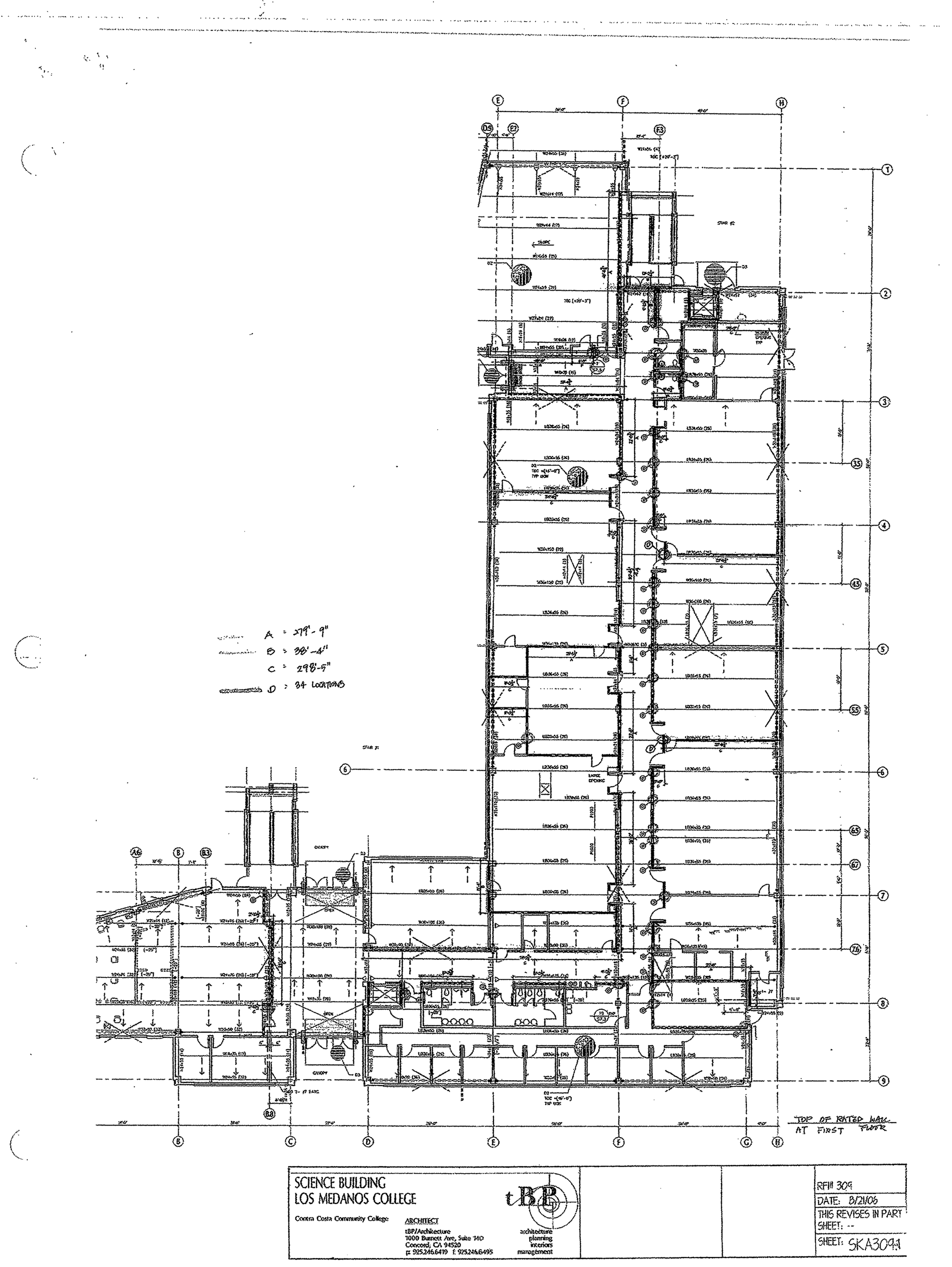

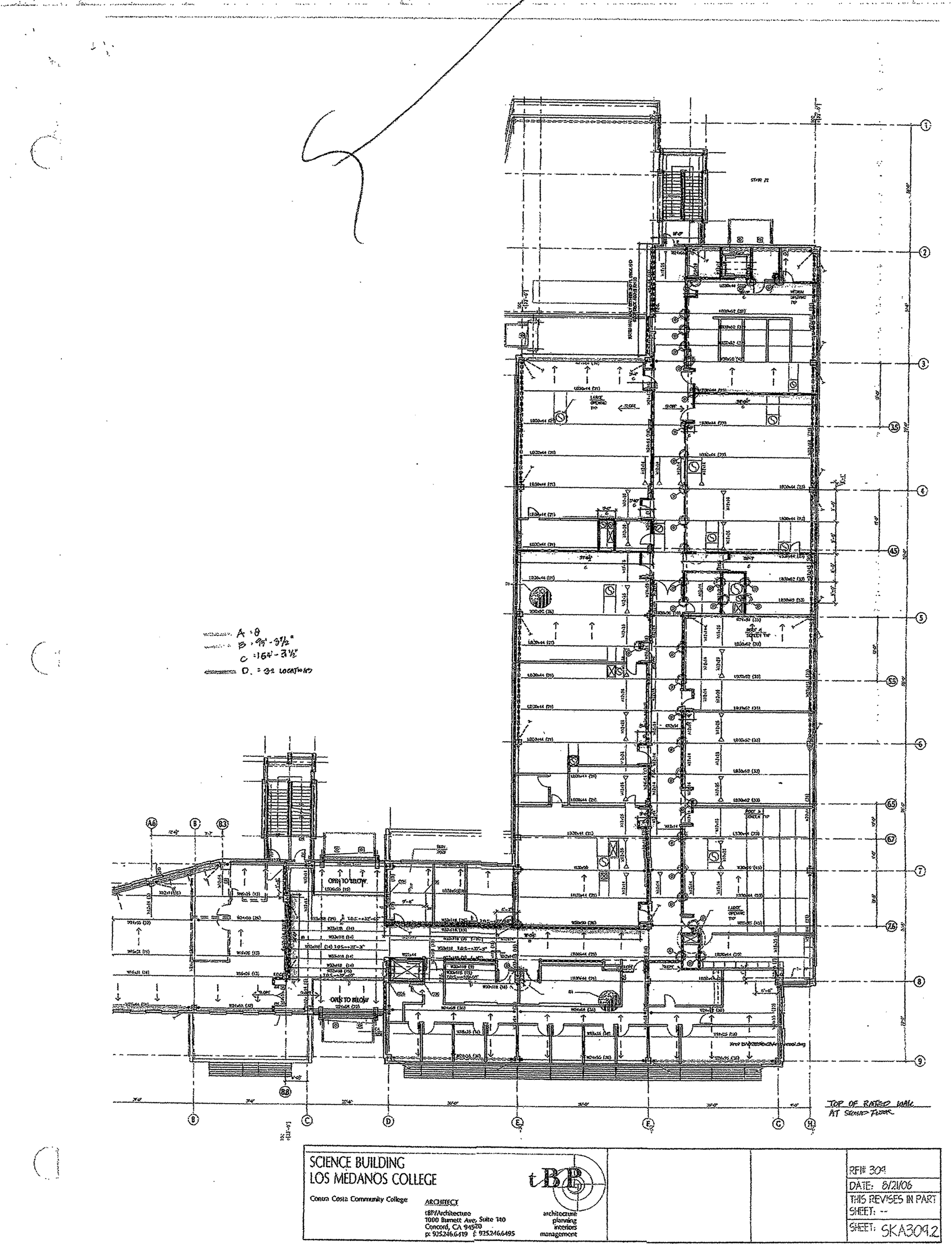

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Durock screws too short for wall type
Reference (dwg, spec.): 4.02
RFI No: 492
Subcontractor RFI:
Reply Requested By: 3/1/07

INFORMATION REQUESTED: Date: 2/22/07

Reference wall construction for wall types 6, 7 and 8 for restroom wall types which show 2 layers of 5/8" sheetrock as well as a single layer of ½" cement board. What is not shown is a waterproofing membrane that was added via Bulletin to fixture walls. The combined thickness of these materials is posing a problem for the 2 ¼" Durock screws. Per Concord Drywall, they have contacted Grabber and J&M Fasteners and cannot locate longer Durock screws. Please advise of a different fastener that can be utilized in this location.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

At wall types 6 and 6A with 2 layers of 5/8" gyp, WP membrane and 1/2" cement board, use Hilti 8 x 2-5/8" PBH SD self drilling, wallboard to metal stud screws.

Caution not to overdrive head past cement board surface

Jim Weaver / tBP Architecture

2/26/07

RFI # 000
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S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Cella Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Anchoring of lecture hall parapet wall at 1-line
Reference (dwg, spec.): A3-1, 2/A5-1
RFI No: 320
Subcontractor RFI:
Reply Requested By: 8/24/06

INFORMATION REQUESTED: Date: 8/17/06

On the north side of the lecture hall 141 roof, a "secondary" parapet wall is shown just north of 1-line. Reference is made to detail 2/7.02 which directs the reader to detail 20/4.02 for attachment of this parapet wall to the structural deck. This detail shows a thru-bolt attached to and angle perpendicular to the plane of the wall above.
However, in this location there is actually the top track of a wall below. The angle in detail 20/4.02 is in conflict with this top track below. See 2/A5-1.
Therefore, please confirm that, in this location, detail 20/4.02 is to be modified as follows: The angle is to be eliminated and in it's place a 3" x 3" x ¼" plate washer will be used to secure the thru-bolt. In order for this to work, the studs of the parapet wall above will need to be installed at 12" centers in lieu of 16" centers and this attachment will be made to every stud. The thru-bolts are to be centered on the low flutes of the metal decking. Please confirm.

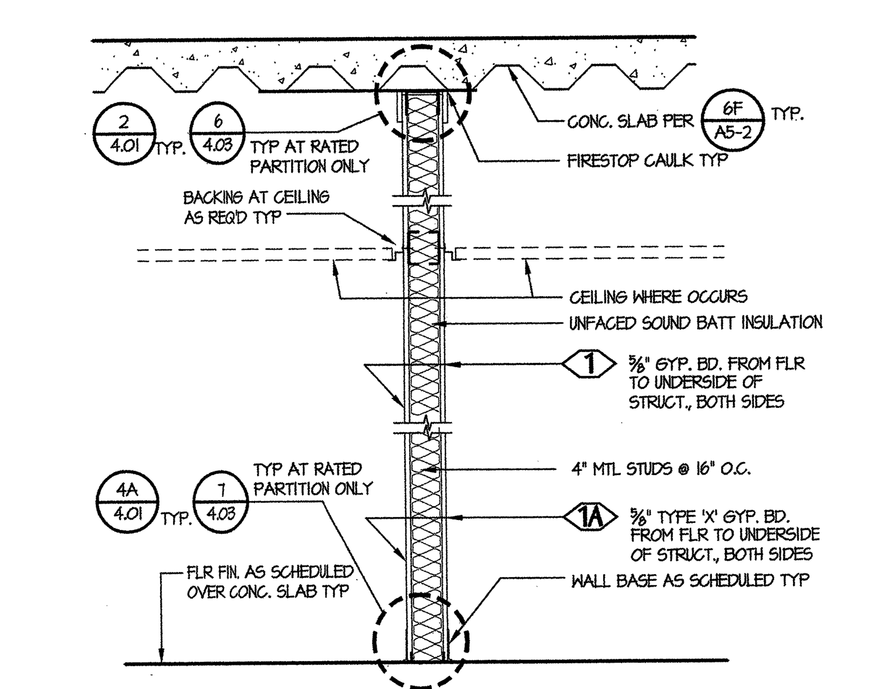
SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DASSE DATE:

Modifications stated above are structurally acceptable. Note that both the parapet studs and the thru-bolts shall be centered on the low flutes

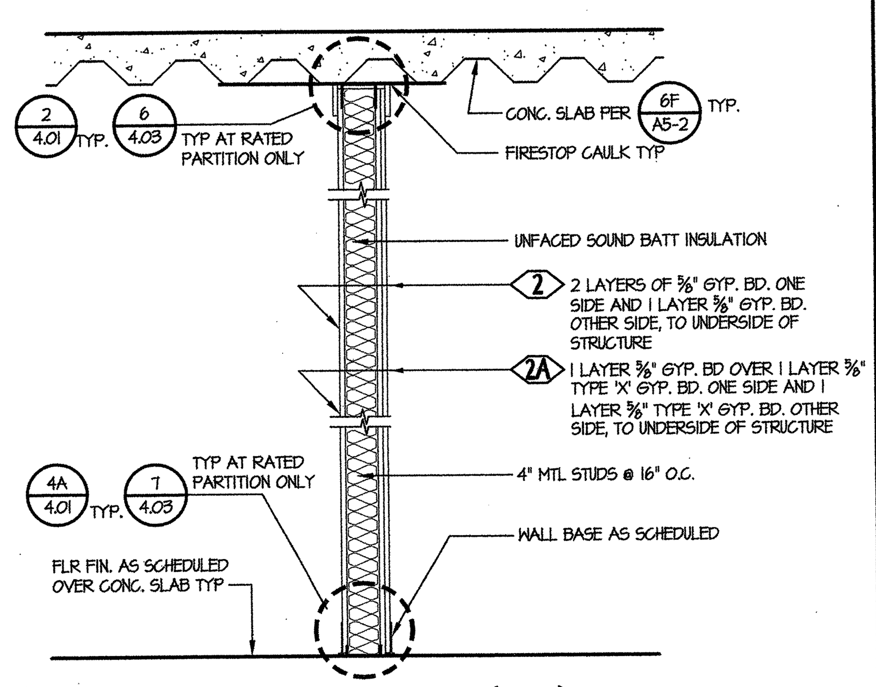
9-1-06

RFI # 000
Page 1



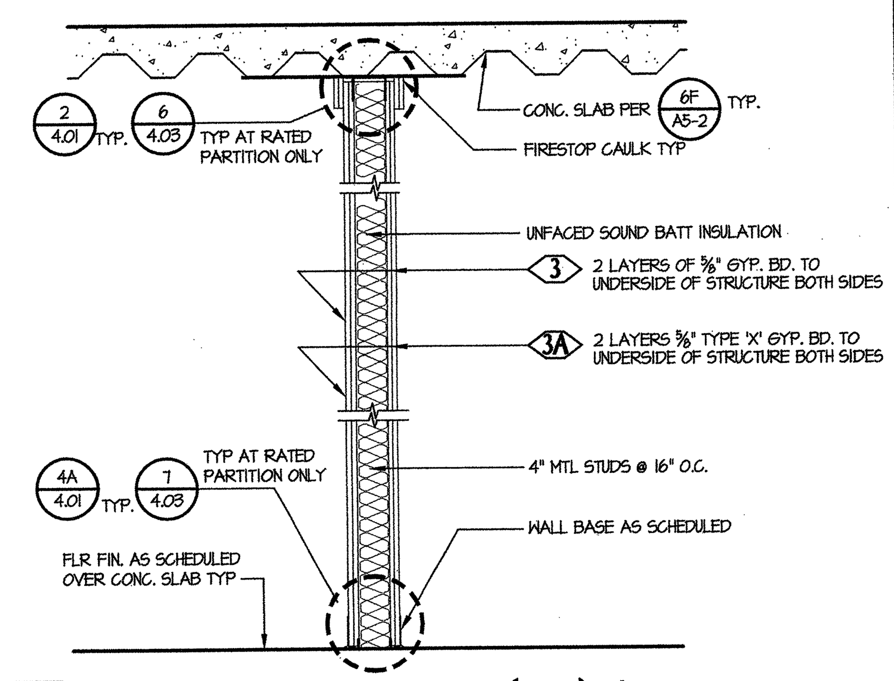
1 NON- COMBUSTIBLE (NC) / 1A FIRE RATED (FR) PARTITION

SCALE: 3/4" = 1'-0" — STC 30-35 — 1A UL# U419 (1-HR)



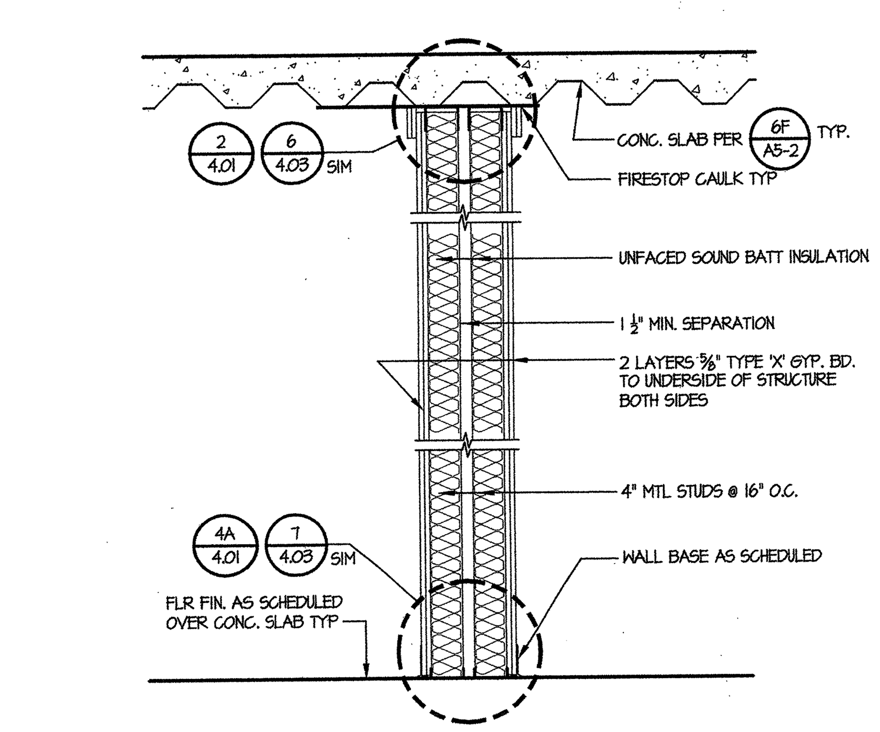
2 NON- COMBUSTIBLE (NC) / 2A FIRE RATED (FR) PARTITION

SCALE: 3/4" = 1'-0" — STC 35-40 — 2A UL# U419 (1-HR)



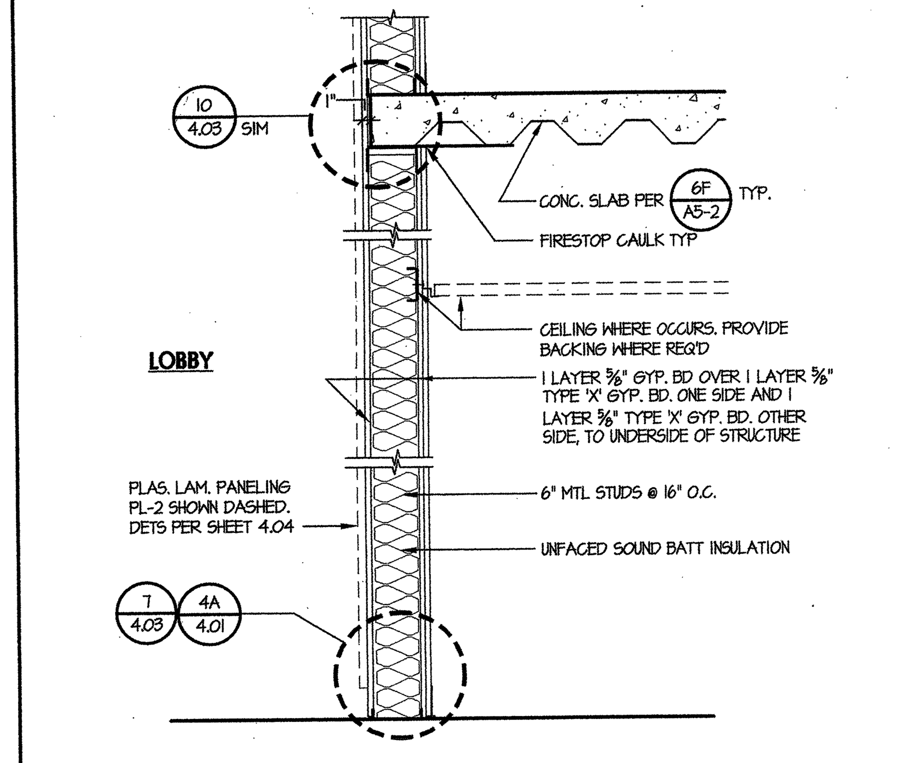
3 NON- COMBUSTIBLE (NC) / 3A FIRE RATED (FR) PARTITION

SCALE: 3/4" = 1'-0" — STC 45 — 3A UL# U419 (2-HR)



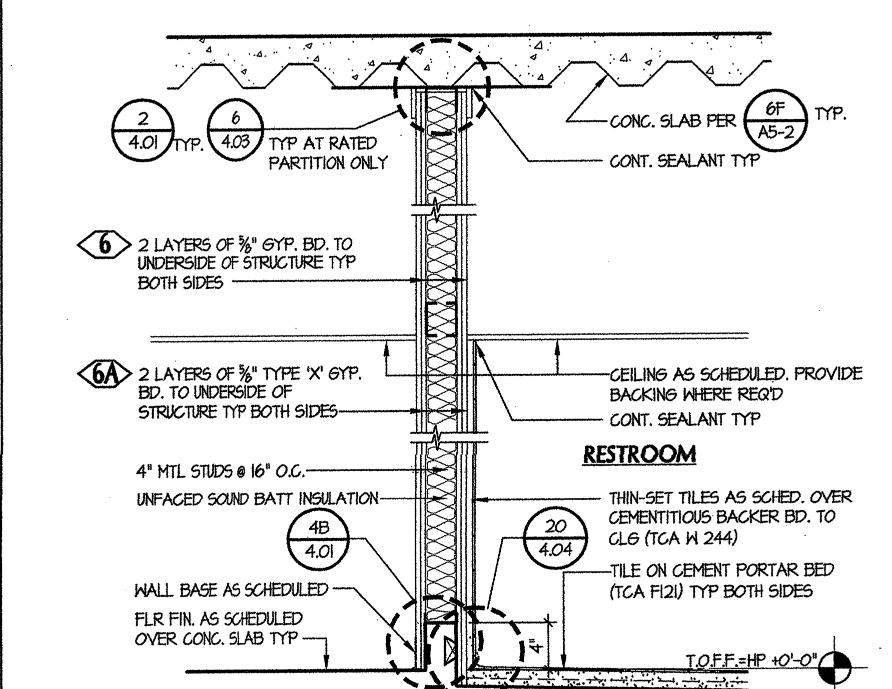
4A FIRE RATED (FR) PARTITION

SCALE: 3/4" = 1'-0" — STC 50 — UL# U493 (1-HR)



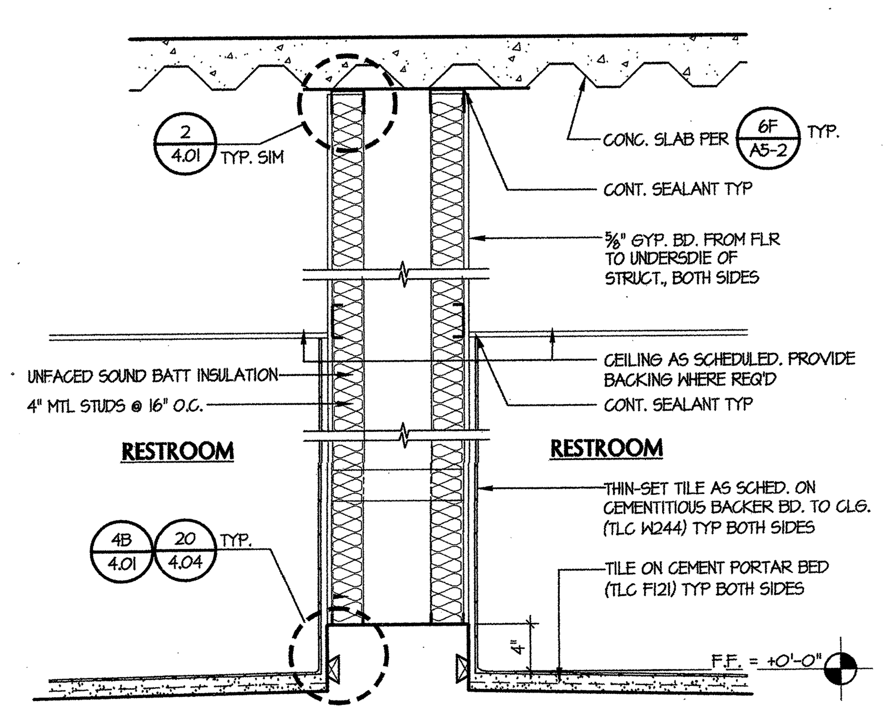
5A FIRE-RATED PARTITION AT LOBBY #101

SCALE: 3/4" = 1'-0" — STC 35-40 — UL# U419 (1-HR)

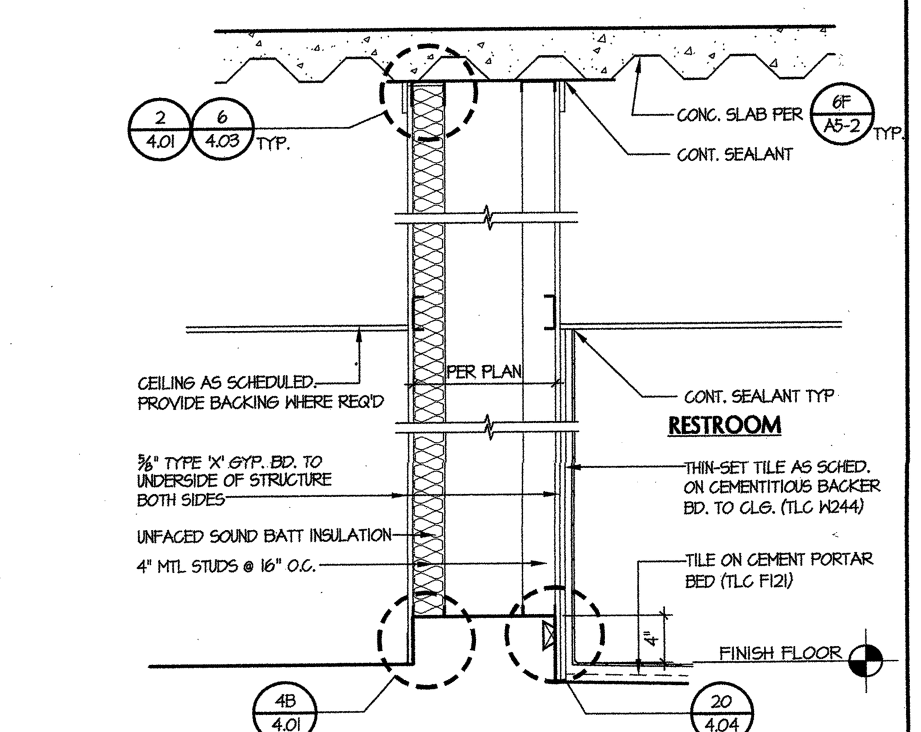


6 NON- COMBUSTIBLE (NC) / 6A FIRE-RATED PARTITION AT RESTROOM

SCALE: 3/4" = 1'-0" — STC 35-40 — 6A UL# U419 (1-HR)

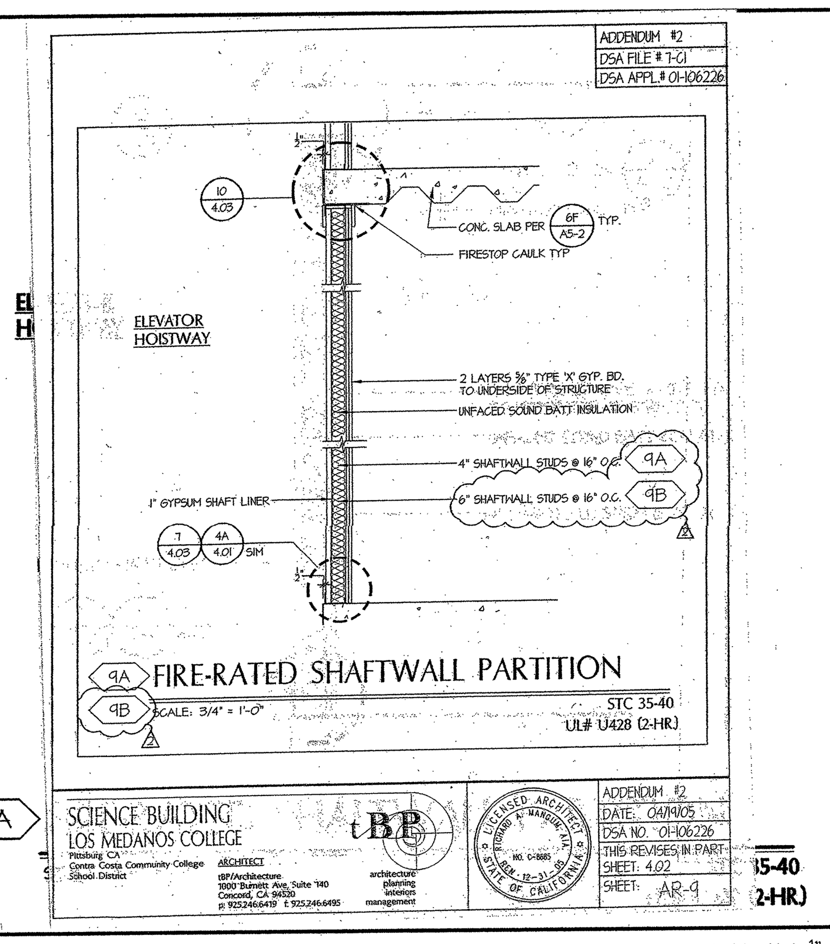


7 NC PARTITION BETWEEN RESTROOMS



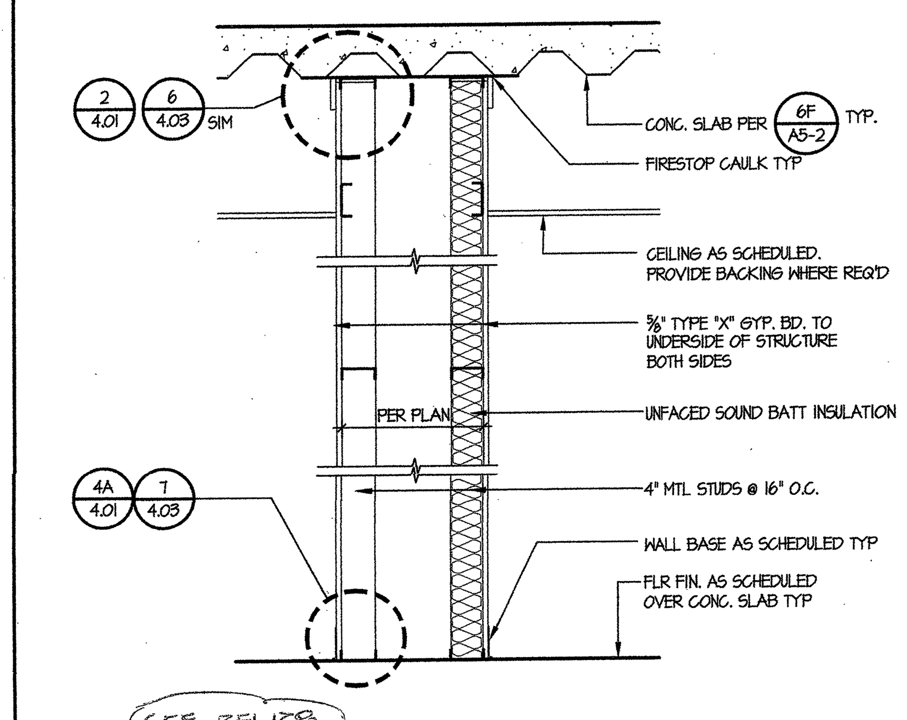
8A FIRE-RATED RESTROOM PLUMBING WALL

SCALE: 3/4" = 1'-0" — UL# U493 (1-HR)



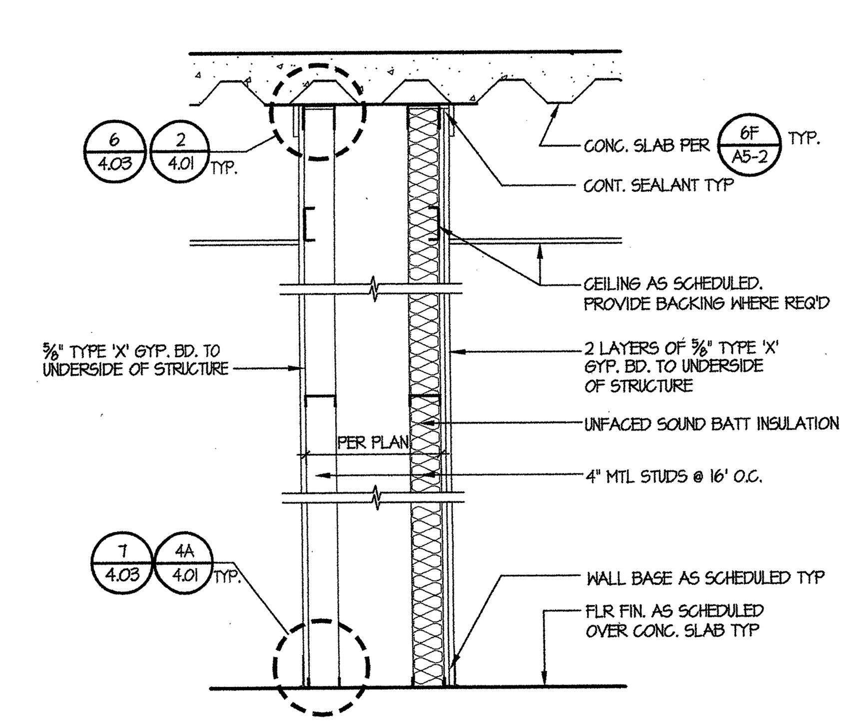
9A FIRE-RATED SHAFTWALL PARTITION

35-40 (2-HR)



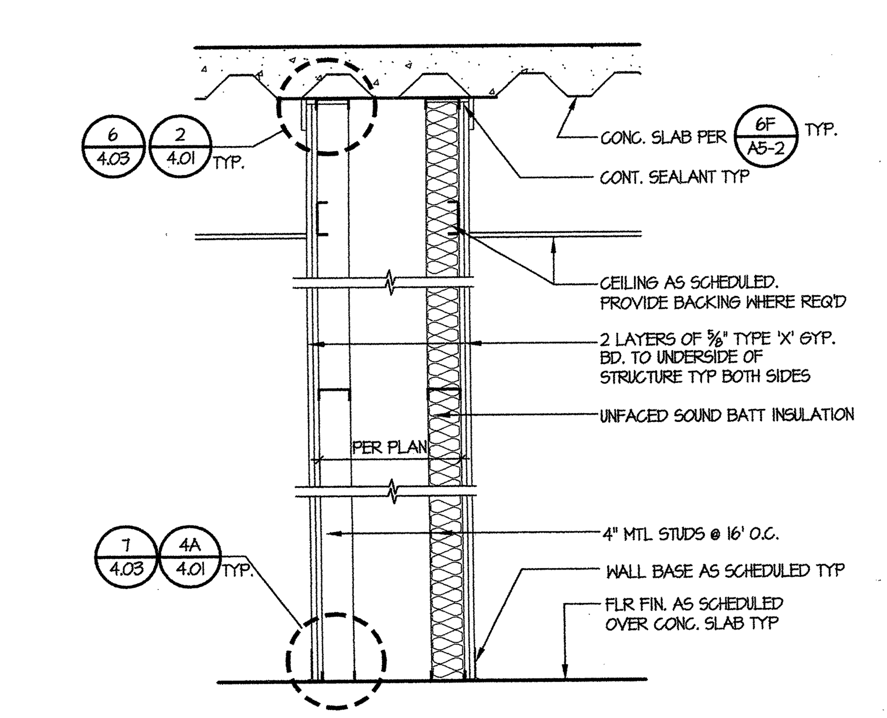
10A FIRE RATED (FR) PARTITION

SCALE: 3/4" = 1'-0" — STC 30-35 — UL# U493 (1-HR)



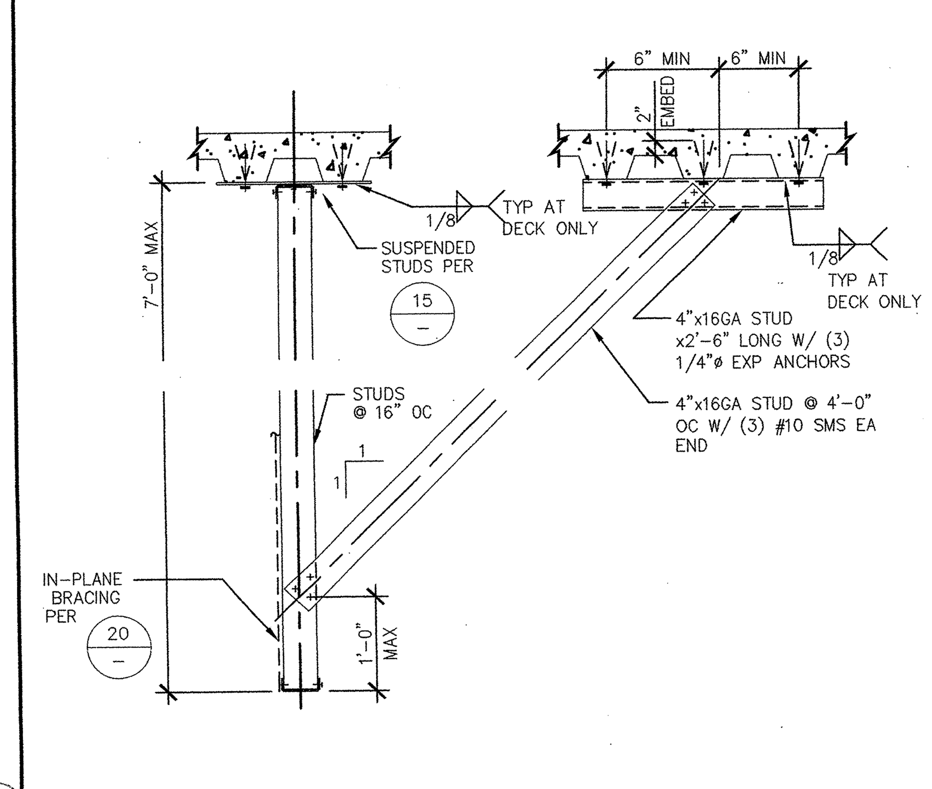
11A FIRE RATED (FR) PARTITION

SCALE: 3/4" = 1'-0" — STC 35-40 — UL# U493 (1-HR)



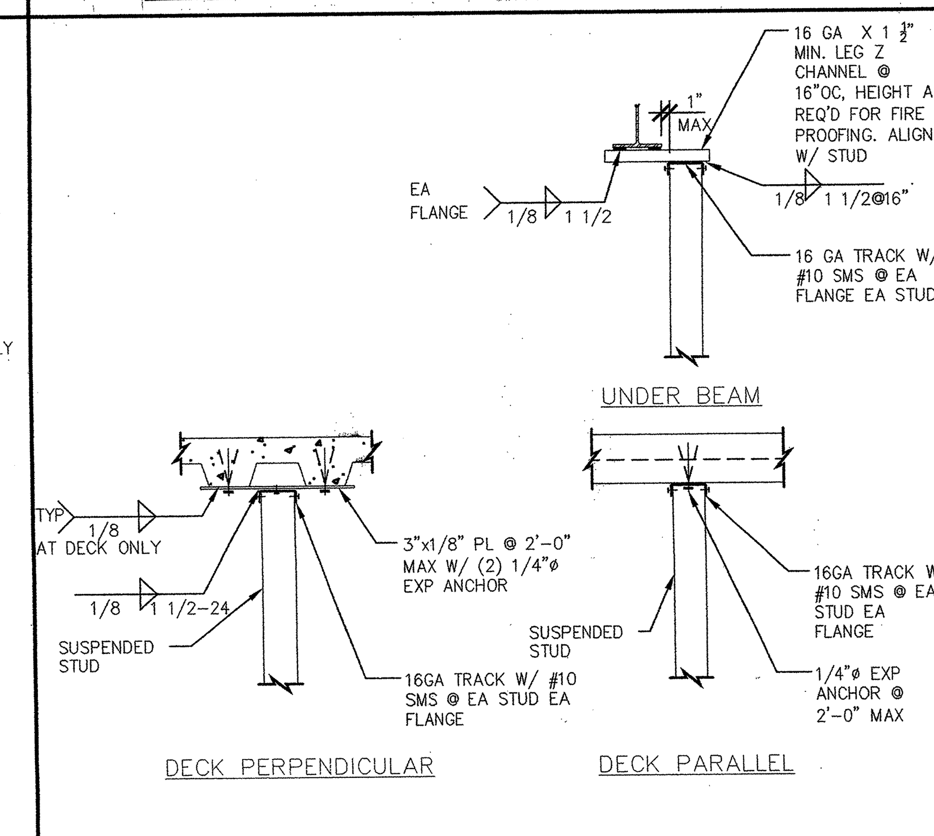
12A FIRE RESISTIVE (FR) PARTITION

SCALE: 3/4" = 1'-0" — STC 50 — UL# U493 (1-HR)



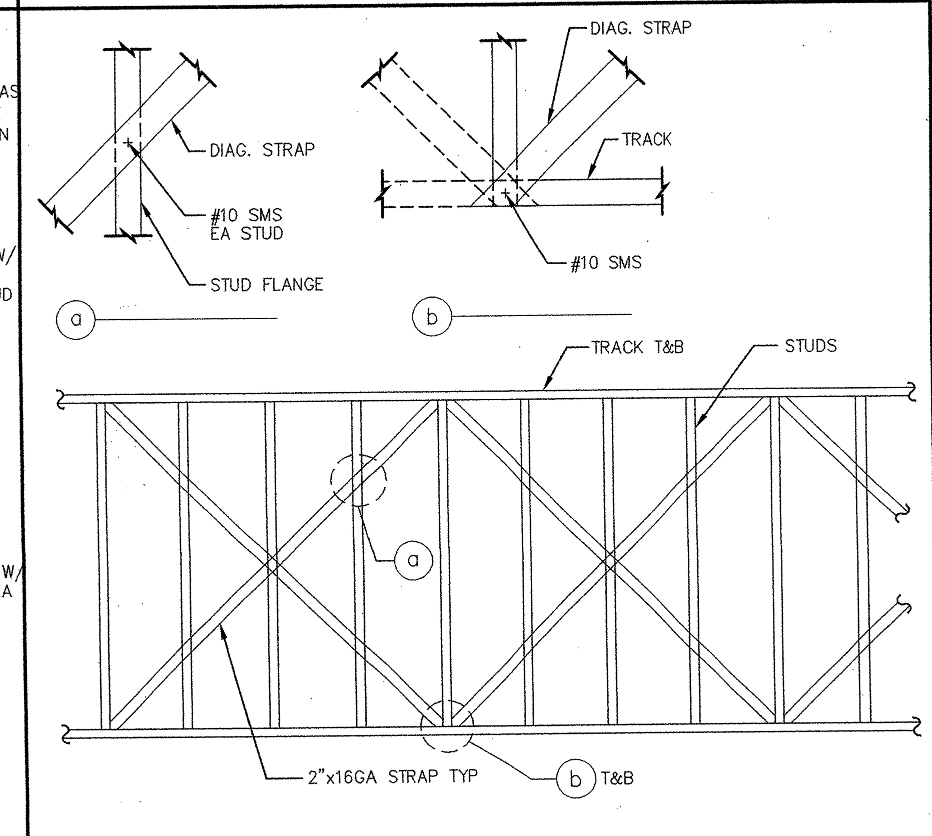
BRACE DETAIL — 13

SCALE: 3/4" = 1'-0"



SUSPENDED STUD — 14

SCALE: 3/4" = 1'-0"

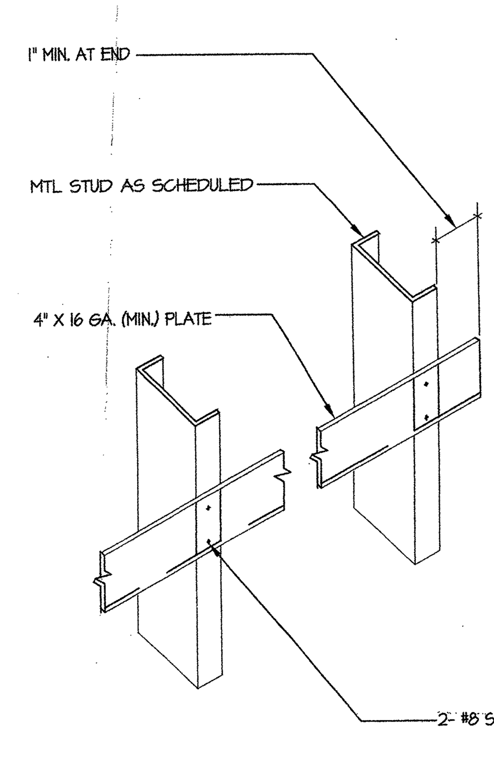


IN-PLANE BRACING — 15

SCALE: 3/4" = 1'-0"

GENERAL NOTES:

1. REFER TO 4.01 FOR STUD SCHEDULED AND MTL STUD ATTACHMENTS.
2. PROVIDE 16 GA. MTL STUDS WHERE BACKING CASEWORK OR SHELVING
3. SEE 9/4.01 FOR STUDS AND BACKINGS AT CASEWORK.
4. SEE 7/4.05 FOR REQUIRED OUTLET TREATMENT AT ALL WALL TYPES.
5. SEE FLOOR PLANS FOR PARTITION RATINGS.

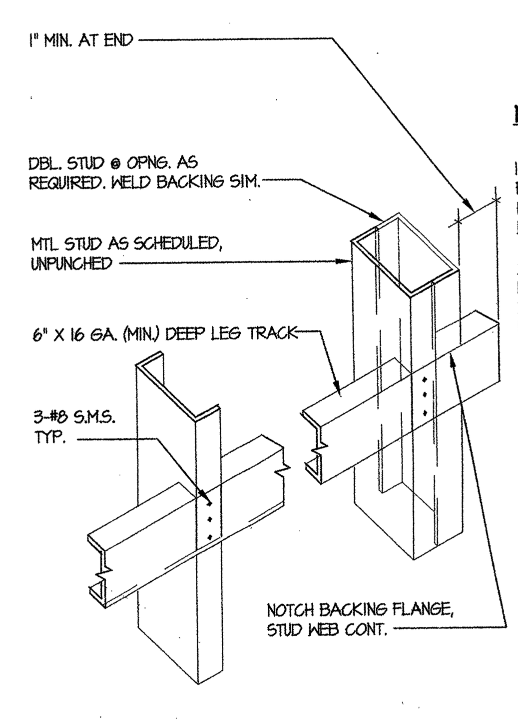


NOTES:

1. USE FOR MISC. ITEMS (E.G. SURFACE MOUNTED MIRROR, WASTE RECEPTACLE, TOWEL DISPENSERS, WALL MOUNTED DOOR STOP, ETC. MAX. WT. 50LB. POINT LOAD.
2. VERIFY LENGTH HEIGHT, LOCATION OF BACKING PLATE & NUMBER REQUIRED WITH ACCESSORY MANUFACTURERS.
3. USE # 12 SELF TAPPING SCREWS MIN. WHEN ATTACHING ITEM TO BACKING.

BACKING PLATE - TYPE 'A' — 17

SCALE: 3/4" = 1'-0"

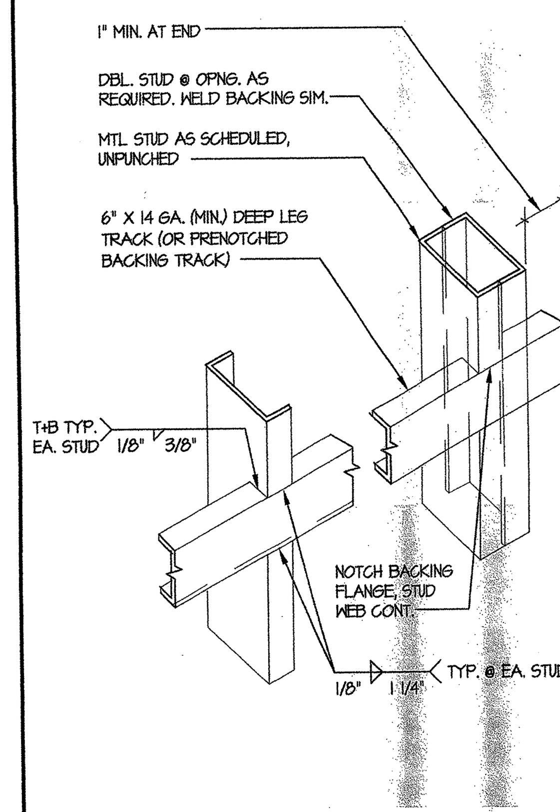


NOTES:

1. USE FOR UPPER WALL HUNG CABINETS, FULL HEIGHT CABINETS, HANDRAILS, WALL HUNG EQUIPMENT ETC. MAX. WT. 200 LBS./ LIN.FT.
2. LENGTH, HEIGHT AND LOCATION TO SUIT ITEMS BEING FASTENED SEE ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION.
3. ATTACH TO THREE STUDS MIN. (DBL. STUD COUNTS AS ONE STUD)
4. USE # 12 SELF TAPPING SCREWS MIN. WHEN ATTACHING ITEMS.
5. USE DBL. STUDS WHEN STUD IS SUPPORTING BACKING PLATES ON BOTH SIDES

BACKING PLATE - TYPE 'B' — 18

SCALE: 3/4" = 1'-0"

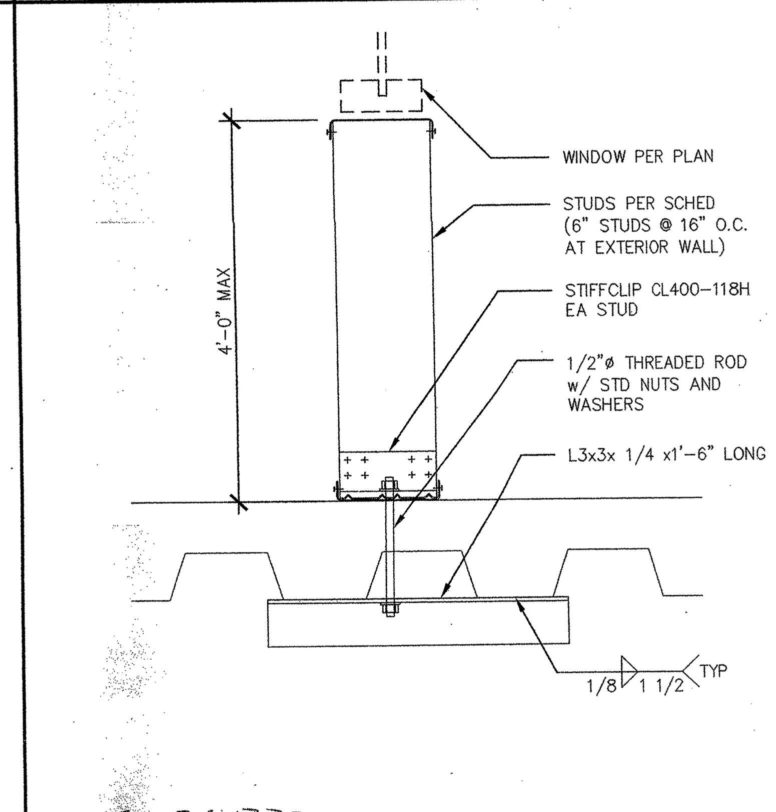


NOTES:

1. USE FOR UPPER WALL HUNG CABINETS, FULL HEIGHT CABINETS, HANDRAILS, WALL HUNG EQUIPMENT ETC. MAX. WT. 300 LBS./ LIN. FT.
2. LENGTH, HEIGHT AND LOCATION TO SUIT ITEMS BEING FASTENED SEE ANCHORAGE DETAIL OF SPECIFIC ITEMS FOR ADDITIONAL INFORMATION.
3. ATTACH TO THREE STUDS MIN. (DBL. SUTD COUNTS AS ONE STUD)
4. USE # 12 SELF TAPPING SCREWS MIN. WHEN ATTACHING ITEMS.
5. USE DBL. STUDS WHEN STUD IS SUPPORTING BACKING PLATES ON BOTH SIDES

BACKING PLATE - TYPE 'C' — 19

SCALE: 3/4" = 1'-0"



SEE RFI 320

CANTILEVER STUD WALL ON ELEVATED SLAB — 20

SCALE: 3/4" = 1'-0"

tBP architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106228
FILE No. 7-C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number :	20241.00
file name:	
drawn by:	checked by:
date: NOVEMBER 15, 2004	
Rev. date:	description:

drawing title:

INTERIOR PARTITION TYPES AND DETAILS

LMC SCIENCE 313-023-112.01-0-00.00

drawing no: 4.02

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Edge of deck firestopping

RFI No: **297**

Reference (dwg, spec.): submittal no. 7, detail 9/4.03

Subcontractor RFI:

Reply Requested By: 7/24/06

INFORMATION REQUESTED: Date: 7/20/06

In submittal no. 7, Res-Com provided two Engineering Judgment Firestop details, one for 2nd floor deck and the other for roof deck. These are approved Engineering Judgements from Hilti. The submittal was approved except for a handwritten note on the Thermafiber product data to install safing clips per 16/4.03.
First, it appears that the correct detail callout is 9/4.03, not 16/4.03.
Second, the approved Engineering Judgments do not include a safing clip. Res-Com is willing to install the safing clip, however this would be a deviation from the approved Engineering Judgment. Please advise if we are to follow the Engineering Judgment or if we are to install the safing clips.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

Install Z-clip @24" o.c. per detail 9/4.03 in Contract Documents and application instruction of submitted mineral wool product "Thermafiber", see attached revised comment to cut sheet of "Thermafiber" for clarification.
Also see attached revised Engineer Judgement 58300C and 58301C by Clay Hensley/Hilti (original engineer of Engineering Judgments in Submittal #7) for reference only, that the Z-clip is included in the drawings.

Vanessa Ling/tBP
7/27/06

RFI # 000
Page 1

Jul-27-2006 03:04pm From- T-503 P.001/003 F-025

HILTI — Hilti. Outperform. Outlast.

To: Vanessa
Fax: 925-246-6495
To:
Fax:
Date: 07-27-06
Pages:
Comments: 58300c, 58301c

Because of the numerous field conditions encountered, it is not always possible to identify a firestop system that has been tested /classified by a nationally recognized independent testing laboratory (such as Underwriters Laboratories, Factory Mutual, Omega Point, etc.). In such a case, an Engineering Judgment ("EJ") may be appropriate. An EJ represents a firestop system that would be expected to pass the stated ratings and requirements if tested.

All Hilti EJ's are designed in accordance with the International Firestop Council ("IFC") guidelines. These EJ's are designed by our experienced degreed fire protection engineers using, as the basis for our opinion:

- relevant 3rd-party classified systems tested in accordance with ASTM E-84, ASTM E-119, ASTM E-136, ASTM E-814, ASTM E-1966, ASTM E-2307, ULC-S115-95M, UL 263, UL 723, UL 1479, or UL 2079,
- wide-ranging related internal testing of our firestop products, and
- extensive knowledge and experience of the performance characteristics of Hilti firestop products, and firestopping technology generally.

Pursuant to IFC guidelines, each EJ is intended for one specific jobsite, since even slight variances from one application to the next can affect system performance.

Best regards,

Clay Hensley
Chemicals Business Unit | Fire Protection Department

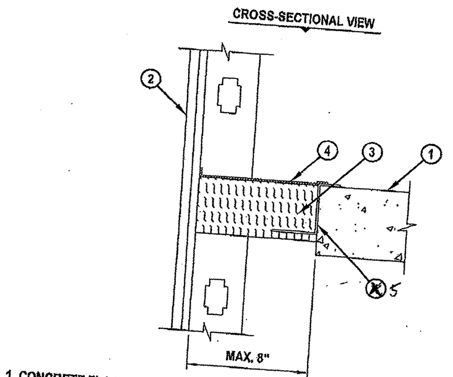
Hilti North America

5400 S 122nd E Ave | Tulsa, OK 74146
P 918-252-6216 | F 918-254-1679
E clay.hensley@hilti.com
www.us.hilti.com

Fire Protection Engineering Department — HILTI

ENGINEERING JUDGMENT FIRESTOP DETAIL
PROJECT : SCIENCE BLDG @ LOS MEDANOS COLLEGE
CONTRACTOR : RESCOM INSULATION
F-RATING = 2-HR. (SEE NOTE NO. 2 BELOW)

CROSS-SECTIONAL VIEW



MAX. 8"

1. CONCRETE FLOOR ASSEMBLY (MINIMUM 5" THICK) (2-HR. FIRE-RATING).
2. EXTERIOR GYPSUM WITH STEEL PANEL CURTAIN WALL ASSEMBLY (NON FIRE-RATED).
3. MINIMUM 4" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) COMPRESSED 33% INSTALLED FLUSH WITH TOP SURFACE OF CONCRETE FLOOR.
4. MINIMUM 1/8" DEPTH HILTI CP 672 SPEED SPRAY APPLIED TO COMPLETELY COVER MINERAL WOOL AND OVERLAPPING MINIMUM 1/2" ONTO CONCRETE FLOOR AND CURTAIN WALL.
5. [RECOMMENDED] Z-SHAPED CLIPS 20 GA. SHEET METAL WITH THE FOLLOWING DIMENSIONS: 1" WIDE x 3-1/2" HIGH x 1-1/2" UPPER LEG AND 2" LOWER LEG SPACED 24" O/C.

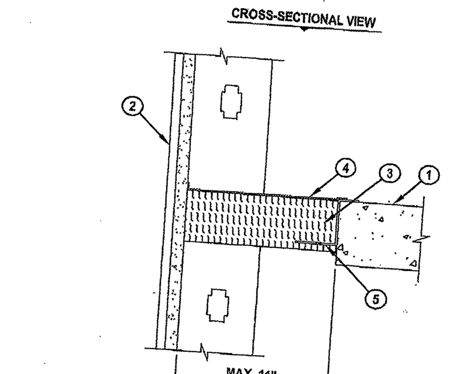
NOTES : 1. MAXIMUM WIDTH OF JOINT = 8".
2. FIRE-RATING OF ASSEMBLY IS ONLY AS GOOD AS PERFORMANCE OF CURTAIN WALL ASSEMBLY UNDER FIRE CONDITIONS.

THIS ENGINEERING JUDGMENT REPRESENTS A FIRESTOP SYSTEM THAT WOULD BE EXPECTED TO PASS THE STATED RATINGS IF TESTED. (REFERENCE : OPL SYSTEM NO. CEJ 282 P & CEJ 265 P)

HILTI FIRESTOP SYSTEMS — HILTI, Inc. Tulsa, Oklahoma USA (918) 252-6000
Sheet: 1 of 1 — Scale: 3/16" = 1" — Date: July 27, 2006 — Drawing No. 58300c
Saving Lives through Innovation and Education

ENGINEERING JUDGMENT FIRESTOP DETAIL
PROJECT : SCIENCE BLDG @ LOS MEDANOS COLLEGE
CONTRACTOR : RESCOM INSULATION
F-RATING = 2-HR. (SEE NOTE NO. 2 BELOW)

CROSS-SECTIONAL VIEW



MAX. 11"

1. CONCRETE FLOOR ASSEMBLY (MINIMUM 5" THICK) (2-HR. FIRE-RATING).
2. GYPSUM EXTERIOR WITH PLASTER CURTAIN WALL ASSEMBLY (NON FIRE-RATED).
3. MINIMUM 4" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) COMPRESSED 33% AND INSTALLED FLUSH WITH TOP SURFACE OF CONCRETE FLOOR.
4. MINIMUM 1/8" DEPTH HILTI CP 672 SPEED SPRAY APPLIED TO COMPLETELY COVER MINERAL WOOL AND OVERLAPPING MINIMUM 1/2" ONTO CONCRETE FLOOR AND CURTAIN WALL.
5. [RECOMMENDED] Z-SHAPED CLIPS 20 GA. SHEET METAL WITH THE FOLLOWING DIMENSIONS: 1" WIDE x 3-1/2" HIGH x 1-1/2" UPPER LEG AND 2" LOWER LEG SPACED 24" O/C.

NOTES : 1. MAXIMUM WIDTH OF JOINT = 11".
2. FIRE-RATING OF ASSEMBLY IS ONLY AS GOOD AS PERFORMANCE OF CURTAIN WALL ASSEMBLY UNDER FIRE CONDITIONS.

THIS ENGINEERING JUDGMENT REPRESENTS A FIRESTOP SYSTEM THAT WOULD BE EXPECTED TO PASS THE STATED RATINGS IF TESTED. (REFERENCE : OPL SYSTEM NO. CEJ 316 P & CEJ 315 P)

HILTI FIRESTOP SYSTEMS — HILTI, Inc. Tulsa, Oklahoma USA (918) 252-6000
Sheet: 1 of 1 — Scale: 1/2" = 1" — Date: July 27, 2006 — Drawing No. 58301c
Saving Lives through Innovation and Education

Thermafiber
TECHNICAL DATA

LMC SCIENCE – SUB # 7
PER RFI # 297
7/27/06

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Fire caulking at base of rated partitions

RFI No: **270**

Reference (dwg, spec.) : 7/4.03

Subcontractor RFI:

Reply Requested By: 7/7/06

INFORMATION REQUESTED: Date: 6/30/06

Per detail 7/4.03 fire caulking is shown at the base of rated walls as part of a 1-hour assembly and UL #147 is referenced.
This detail is applied to both 1-hour *and* 2-hour partitions shown on sheet 4.02. If UL #147 is a 1-hour assembly, then it does not appear that this would be correct to apply to a 2-hour partition. Please review and advise.

Further, our subcontractor is not familiar with a UL#147 reference and states that fire caulking is not required at base of wall to achieve the 1-hour or 2-hour rating. In addition, spec sections 07840-3.01D and 09250-3.03B calls for the fire stop at top of walls and penetrations, but no mention is made of fire caulking at base of walls. Please advise if this is needed.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

Fire caulking at base of walls are to function as acoustical sealant, not for fire rating. UL#147 is incorrect and shall be removed from detail 7/4.03.
See Specification Section 09250-3.03.C.3 for the requirements of acoustical sealant at base of sound rated walls.

Vanessa Ling/tBP
7/03/06

c: RES-COM
BANCO
CONCORD

RFI # 000
Page 1

RES-COM INSULATION INC.

RFI 270

FAX COVER SHEET

DATE: 6/16/06
ATTENTION: Mark Delgado
COMPANY NAME: Amoroso Const.
FAX NUMBER: 19254277570
FROM: Steve Wiley
Res-Com Insulation, Inc
MESSAGE: Job: Los Medanos College Science Bldg - Pittsburg, CA
* Request for Information *
Please confirm that Firecaulking is NOT required @ the base of Rated Partitions as shown on detail 7/4.03 (U.L.#147 ?). Firecaulking @ the base of walls is NOT required to achieve the 1 or 2 hour rating.
Also spec sections 07840 (3.01D) and 09250 (3.03 B.) calls for Firestop @ Top of Walls/Penetrations.

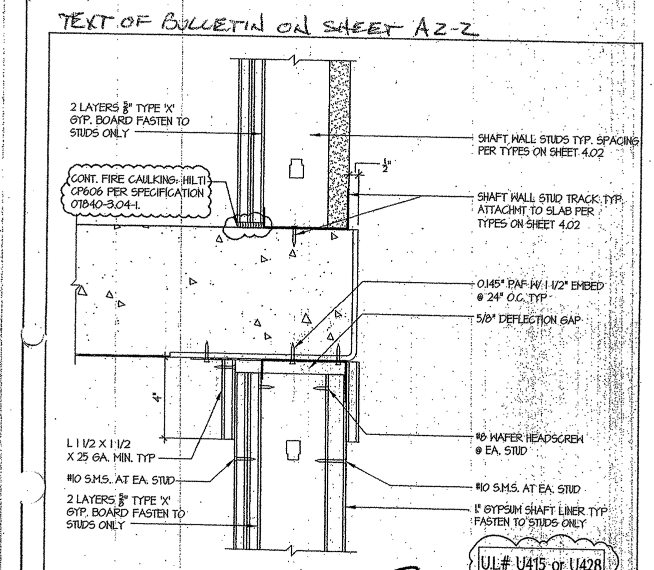
Hard copy will follow: Yes ____ No X
A total of ____ pages, including this page, have been sent.
If you have not received all the pages or part is unreadable, please call (510) 732-9732.

IN CALIFORNIA: 3474 Investment Blvd. P.O. Box 55576 Hayward, CA 94545 510-732-9732
IN NEVADA: 1-800-743-6270 Lic. 30431
IN WASHINGTON: 1-800-743-6270 UBI 601330385
IN HAWAII: dba Residential/Commercial Insulation 950 Ward Avenue #105 Honolulu, HI 96814

JUN 16 2006 9:01AM RES-COM INSULATION 510 732 9159

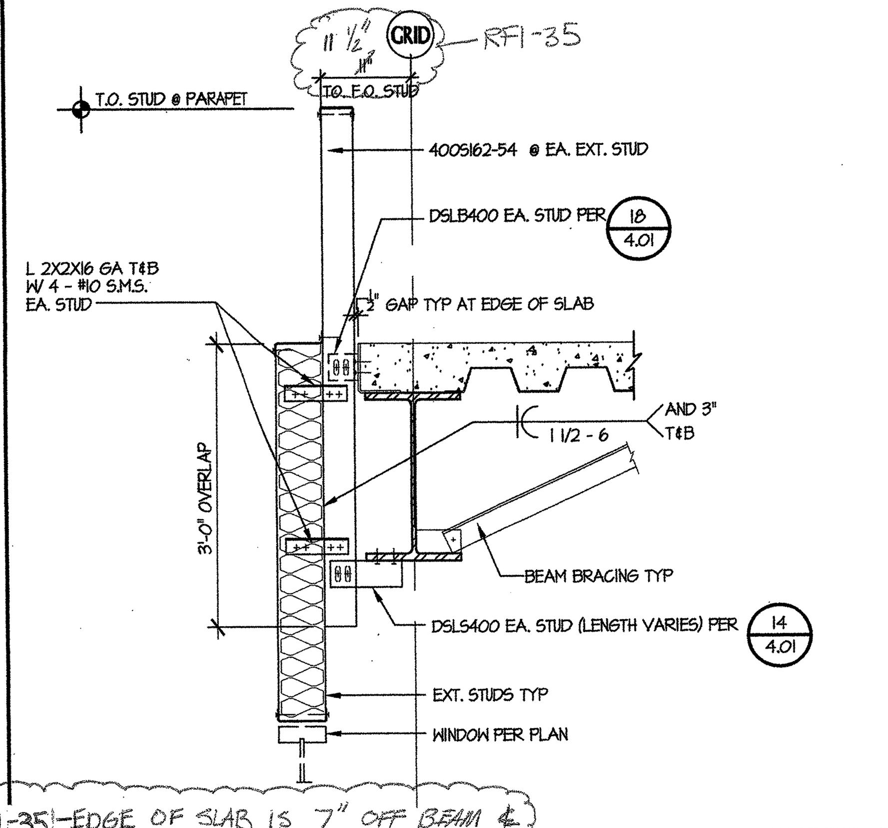
BULLETIN #41
DSA FILE # 7-C1
DSA APPL # 01-106226

TEXT OF BULLETIN ON SHEET A2-2



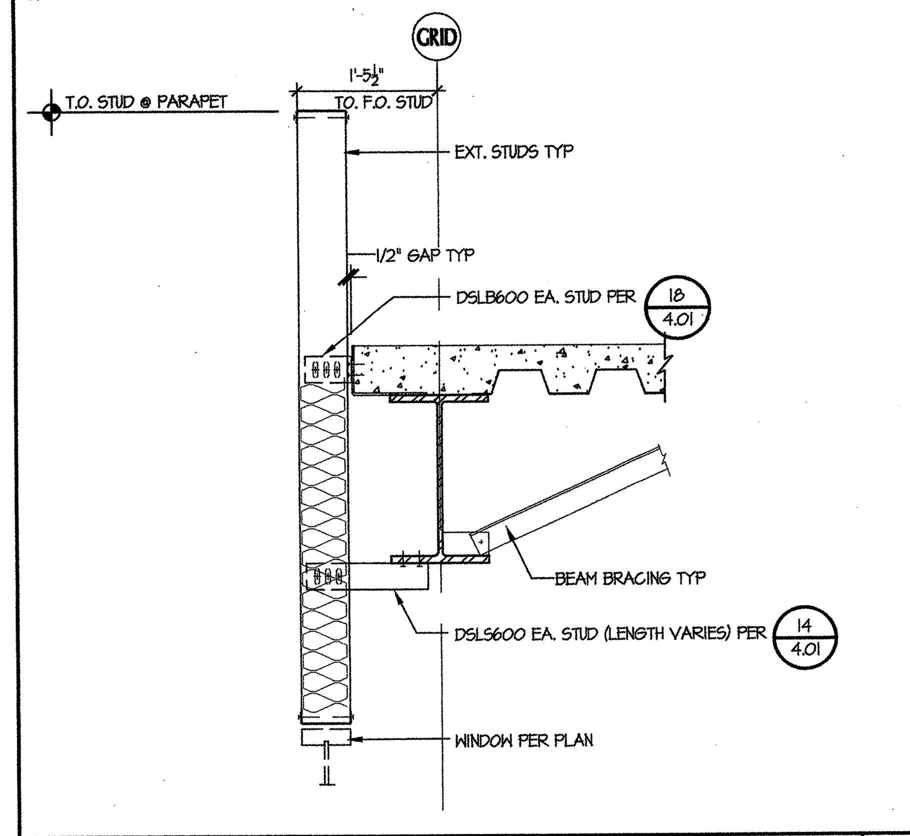
RATED SHAFTWALL-FLOOR DETAIL 10

SCIENCE BUILDING LOS MEDANOS COLLEGE
Contra Costa Community College District
tBP ARCHITECT
BULLETIN #41
DSA NO. 01-106226
THIS REVISES IN PART SHEET 5/4.05
SHEET: SKA41.4



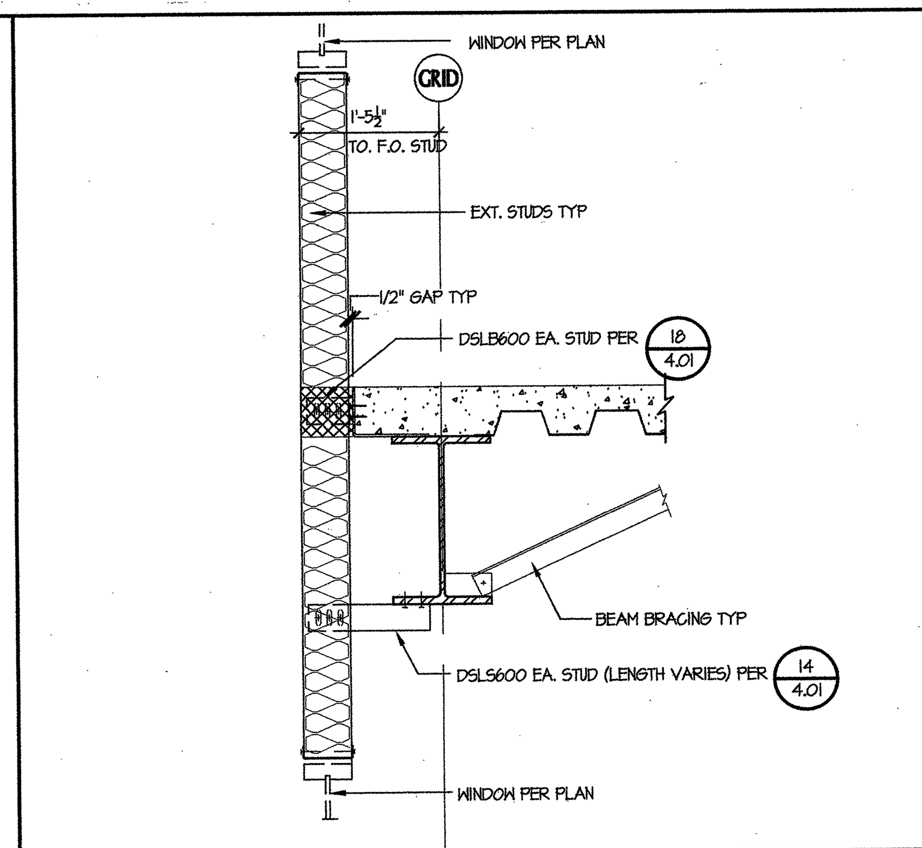
EXTERIOR PARAPET FRAMING — 1

SCALE: 3/4" = 1'-0"



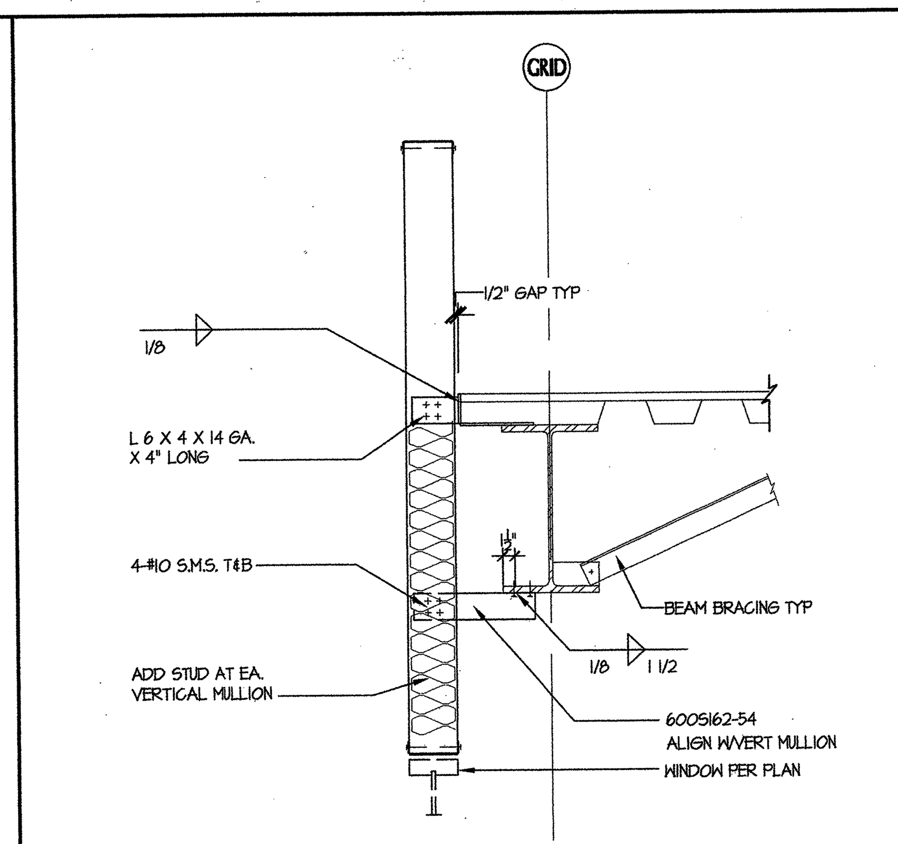
EXTERIOR PARAPET FRAMING — 2

SCALE: 3/4" = 1'-0"



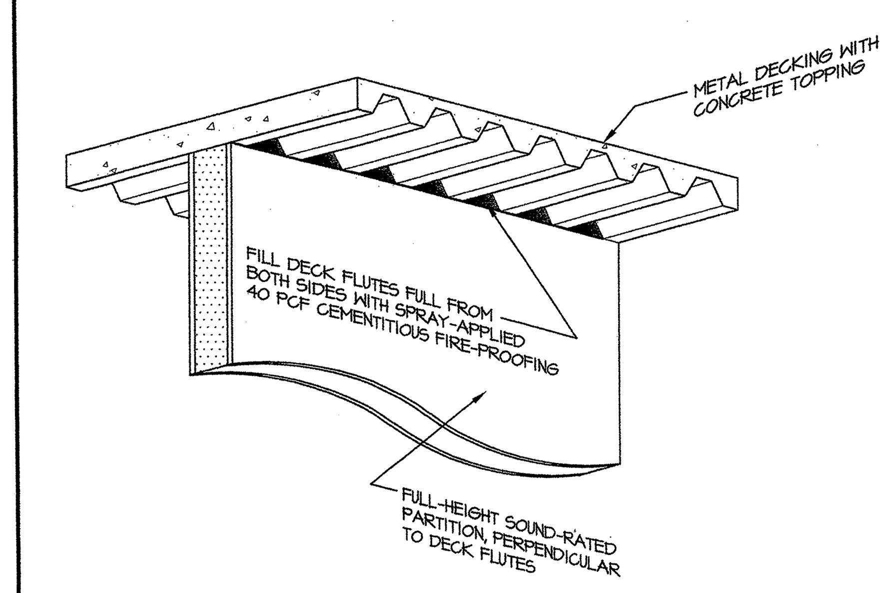
EXTERIOR WALL @ STRIP WINDOWS — 3

SCALE: 3/4" = 1'-0"



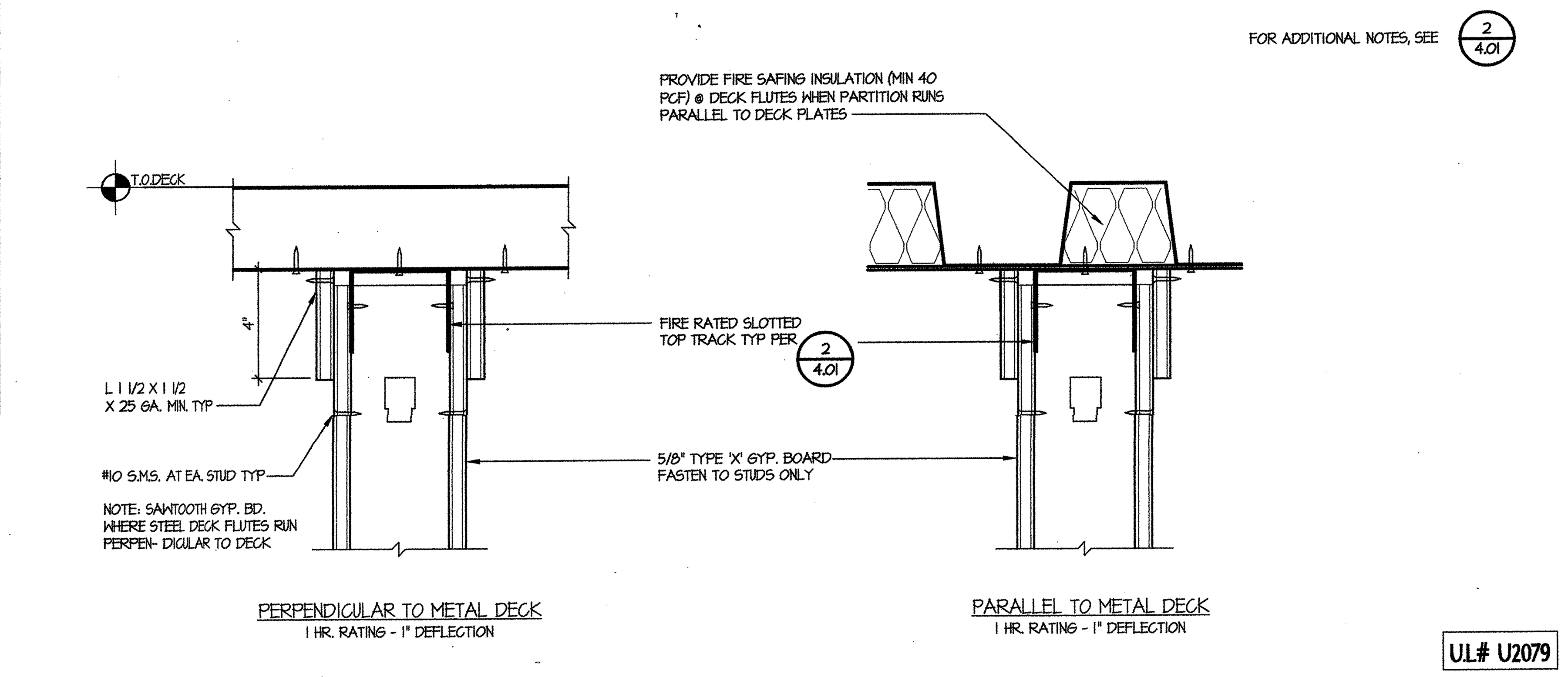
EXTERIOR PARAPET AT STAIR CURTAINWALL — 4

SCALE: 3/4" = 1'-0"



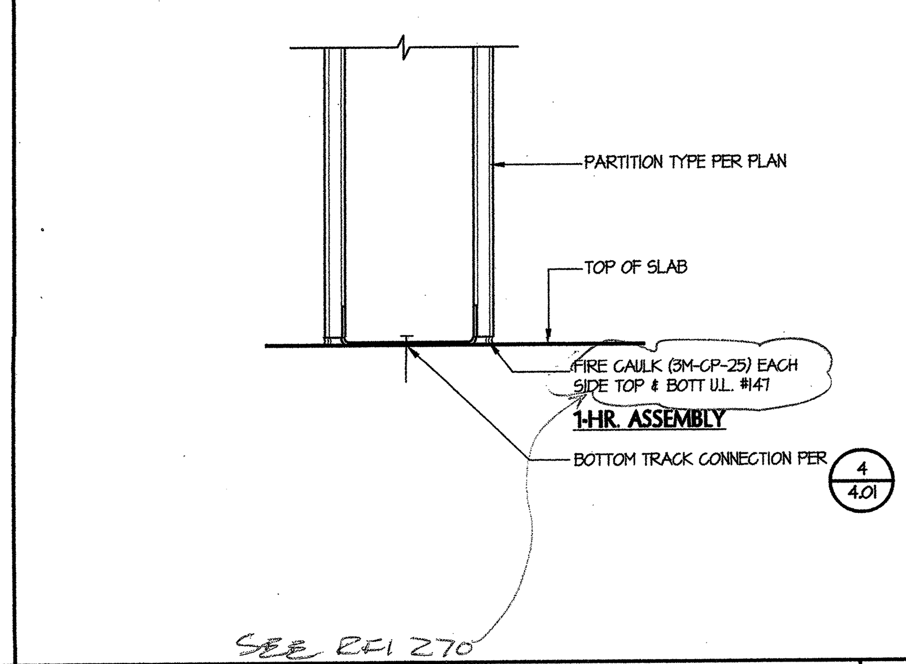
ACOUSTIC HEAD PERP. TO FLUTING — 5

N.T.S.



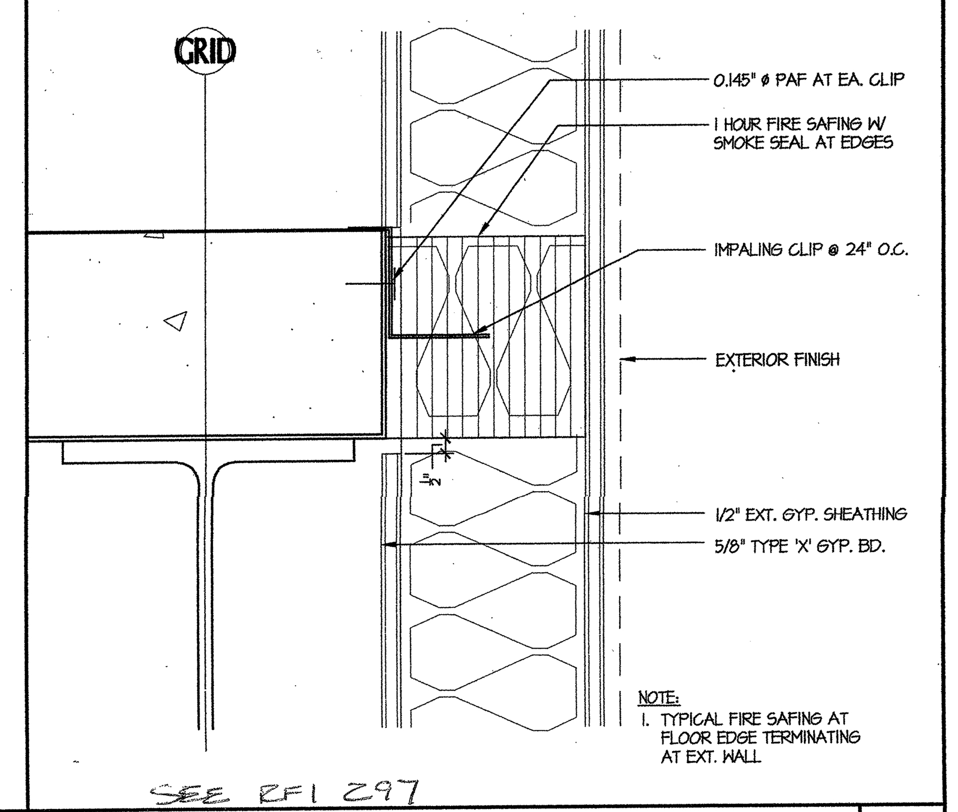
1 HR PARTITION TOP CONNECTION — 6

N.T.S.



BASE DETAIL: RATED PARTITION — 7

SCALE: 3" = 1'-0"



FIRESAFING DETAIL — 9

SCALE: NTS

THROUGH-PENETRATION FIRESTOP SYSTEM SCHEDULE

Firestop Systems Are Listed Using the Alpha-Alpha-Numeric Identification System Published in UL's Fire Resistence Directory, Vol. 2

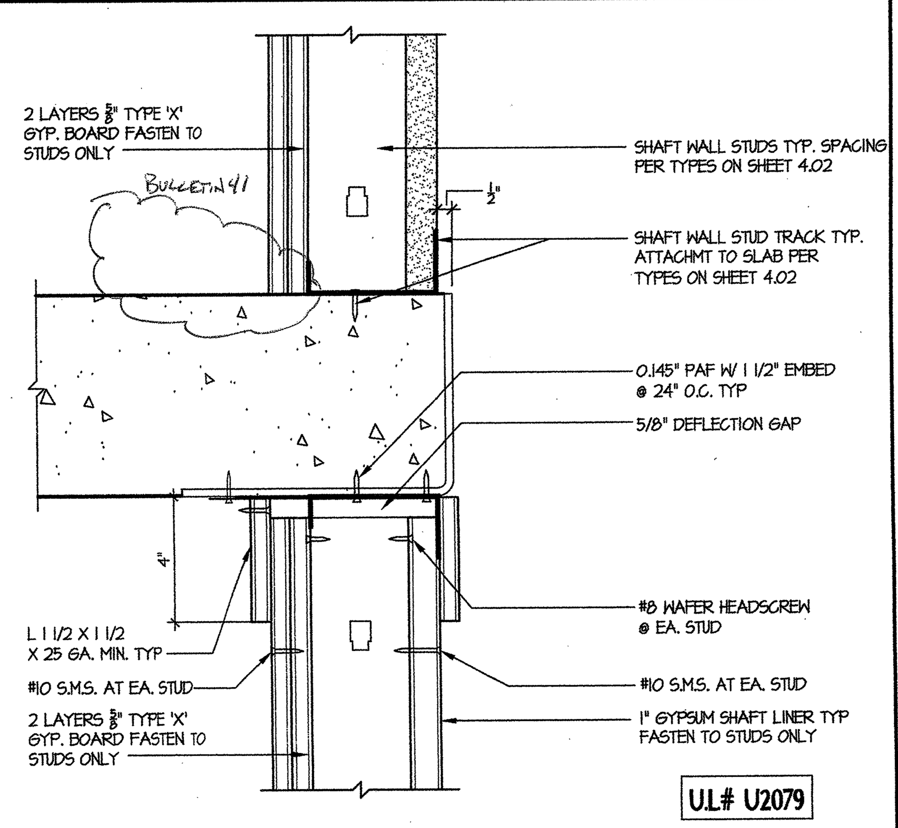
TYPE OF PENETRANT	CONSTRUCTION					
	FLOOR PENETRATION SYSTEMS (First Alpha Component = C or W)			WALL PENETRATION SYSTEMS (First Alpha Component = C or W)		
	Concrete Floors with a Minimum Thickness Less Than or Equal to 5 Inches	Concrete Floors with a Minimum Thickness Greater Than 5 Inches	Framed Floors	Concrete or Masonry Walls with a Minimum Thickness Less Than or Equal to 8 Inches	Concrete or Masonry Walls with a Minimum Thickness Greater Than 8 Inches	Framed Walls
NO PENETRATING ITEMS	C-AJ-0001-0999 OR F-A-0001-0999	C-BJ-0001-0999		C-AJ-0001-0999 OR C-BJ-0001-0999 OR W-J-0001-0999		W-L-0001-0999
METALLIC PIPE, CONDUIT, OR TUBING	C-AJ-1001-1999 OR F-A-1001-1999	C-BJ-1001-1999 OR C-BK-1001-1999 OR F-B-1001-1999	F-C-1001-1999	C-AJ-1001-1999 OR C-BJ-1001-1999 OR W-J-1001-1999	C-BK-1001-1999 OR W-K-1001-1999	W-L-1001-1999
NONMETALLIC PIPE, CONDUIT, OR TUBING	C-AJ-2001-2999 OR F-A-2001-2999	C-BJ-2001-2999 OR F-B-2001-2999	F-C-2001-2999	C-AJ-2001-2999 OR C-BJ-2001-2999 OR W-J-2001-2999		W-L-2001-2999
ELECTRICAL CABLES	C-AJ-3001-3999 OR F-A-3001-3999	C-BJ-3001-3999 OR F-B-3001-3999	F-C-3001-3999	C-AJ-3001-3999 OR C-BJ-3001-3999 OR W-J-3001-3999		W-L-3001-3999
CABLE TRAYS WITH ELECTRICAL CABLES	C-AJ-4001-4999 OR F-A-4001-4999	C-BJ-4001-4999		C-AJ-4001-4999 OR C-BJ-4001-4999 OR W-J-4001-4999	W-K-4001-4999	W-L-4001-4999
INSUALTED PIPES	C-AJ-5001-5999 OR F-A-5001-5999	C-BJ-5001-5999	F-C-5001-5999	C-AJ-5001-5999 OR W-J-5001-5999		W-L-5001-5999
MISC. ELECTRICAL PENETRANTS	C-AJ-6001-6999 OR F-A-6001-6999			C-AJ-6001-6999		W-L-6001-6999
MISC. MECHANICAL PENETRANTS	C-AJ-7001-7999		F-C-7001-7999	C-AJ-7001-7999 OR W-J-7001-7999		W-L-7001-7999
GROUPINGS OF PENETRATIONS	C-AJ-8001-8999 OR F-A-8001-8999	C-BJ-8001-8999	F-C-8001-8999	C-AJ-8001-8999 OR C-BJ-8001-8999 OR W-J-8001-8999		W-L-8001-8999

ALL FIRE STOP SYSTEMS ARE FOR 1 HR. FIRE RESISTIVE WALL & FLOOR CEILING PENETRATIONS.

FOR EACH LOCATION WHERE A FIRE-RESISTANCE-RATED FLOOR OR WALL ASSEMBLY IS PENETRATED, PROVIDE A UL-LISTED THROUGH-PENETRATION FIRESTOP SYSTEM SELECTED FROM THE APPLICABLE UL NUMBER RANGE LISTED ABOVE THAT COMPLIES WITH SPECIFICATION SECTION 07841 'THROUGH-PENETRATION FIRESTOP SYSTEMS' AND IS SUITABLE FOR THE PENETRATION CONDITIONS INDICATED FOR THE PROJECT.

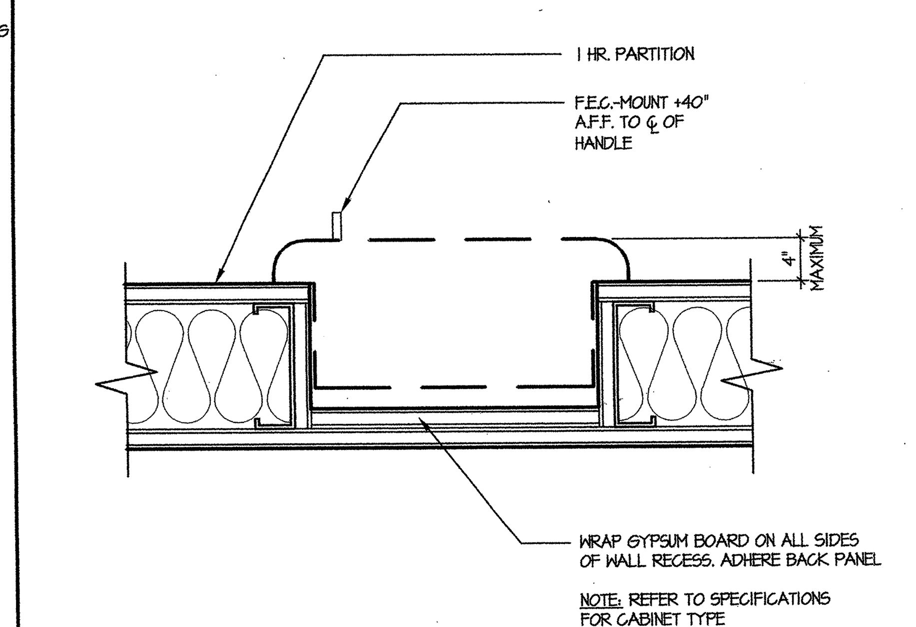
FIRE STOP SYSTEM SCHEDULE — 20

N.T.S.



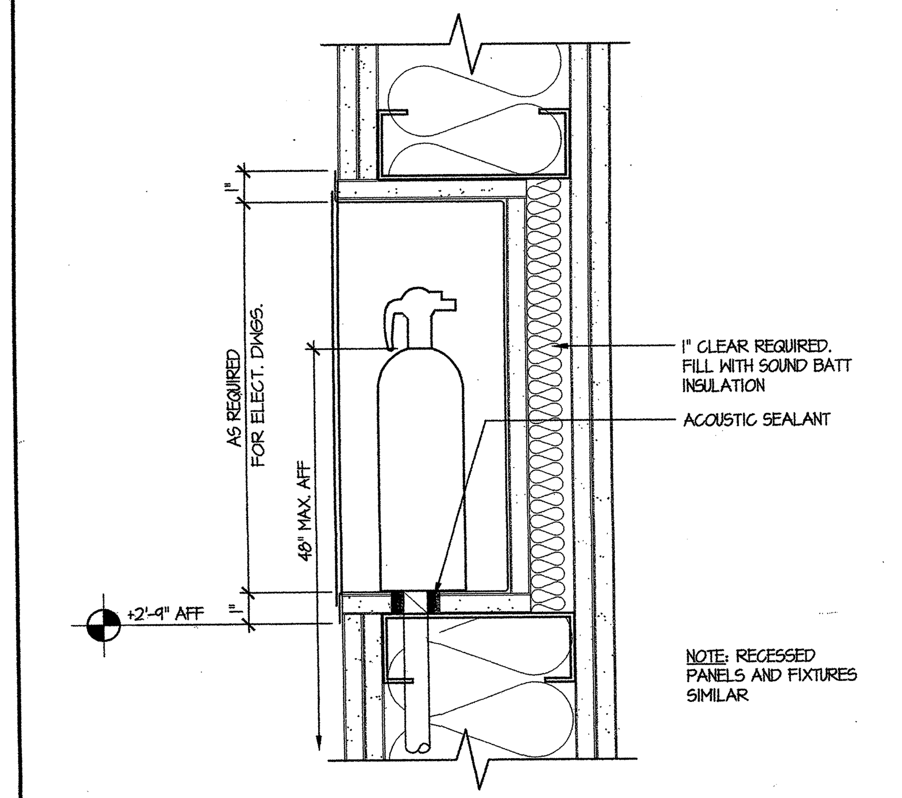
RATED SHAFTWALL-FLOOR DETAIL — 10

SCALE: 3" = 1'-0"



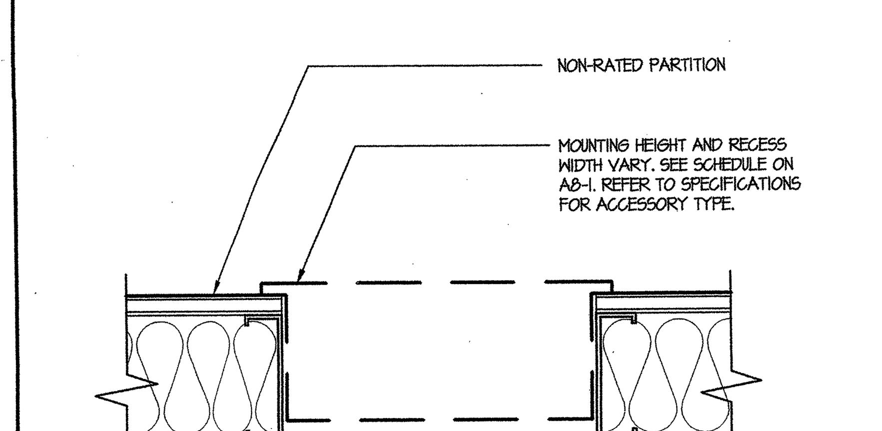
PLAN - FIRE EXTINGUSIHER CABINET — 11

SCALE: 3" = 1'-0"



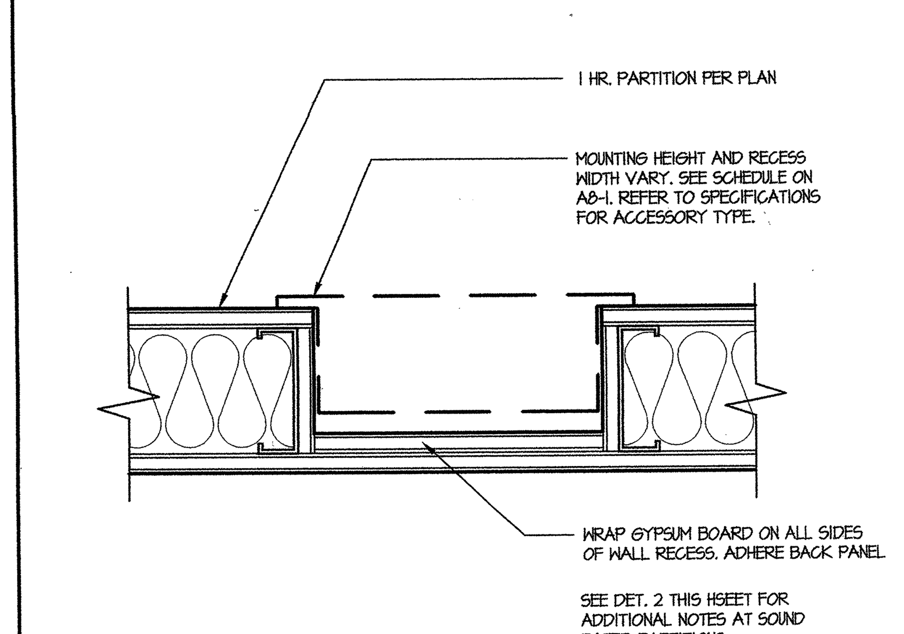
FIRE EXT. CABINET IN SOUND-RATED WALL — 12

SCALE: 3" = 1'-0"



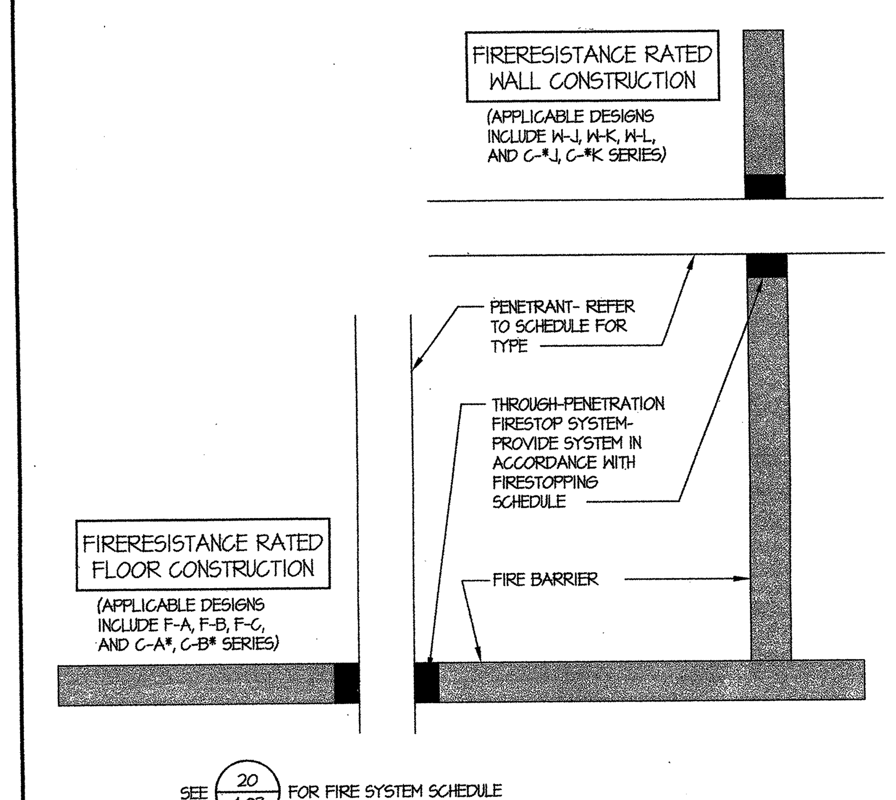
RECESSED RESTROOM ACCESSORIES — 15

SCALE: 3" = 1'-0"



RECESSED RESTRM ACCESSORIES IN RATED WALL — 16

SCALE: 3" = 1'-0"



THRU-PENETRATION FIRESTOP SYSTEM KEY — 17

NOT TO SCALE

tBP
architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p. 925.246.6419 f. 925.246.6495

LICENSED ARCHITECT · VINNODITY · STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
FILE No. 7-C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p. 415-396-9500 f.

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

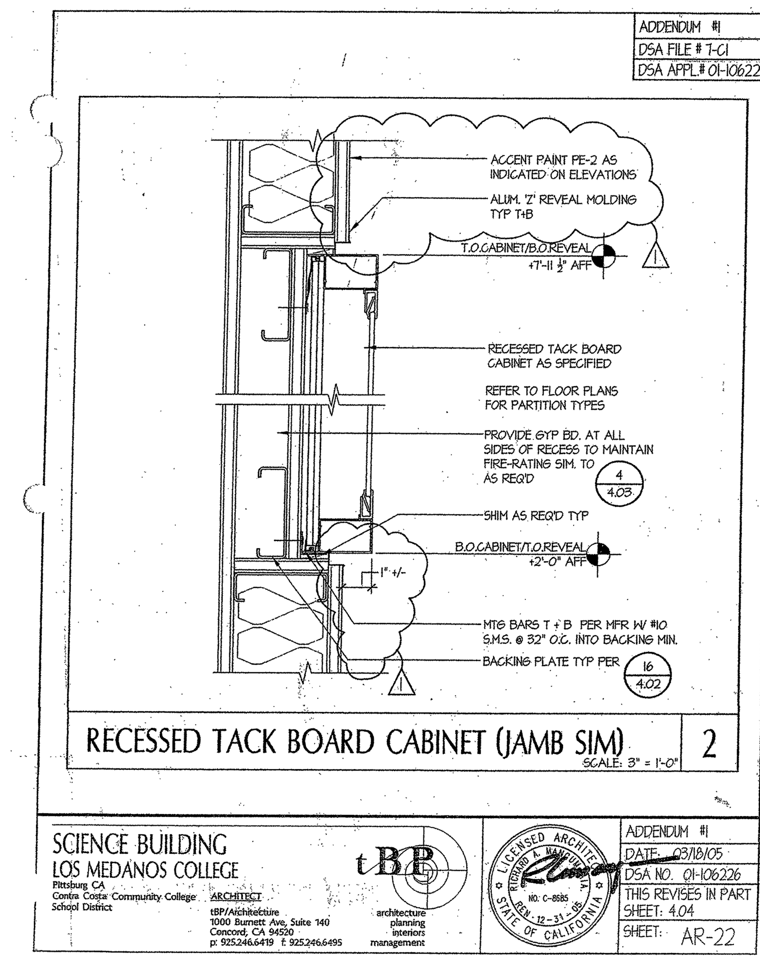
tBP project number: 20247.00
file name: ?
drawn by: ? checked by:
date: NOVEMBER 15, 2004

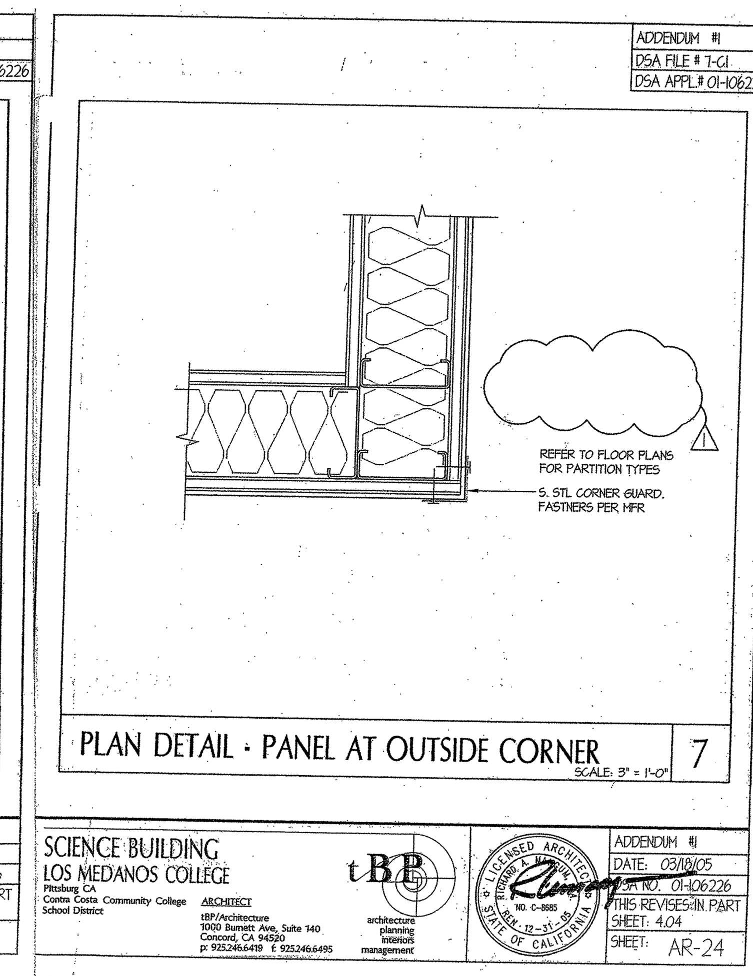
Rev.	date:	description:

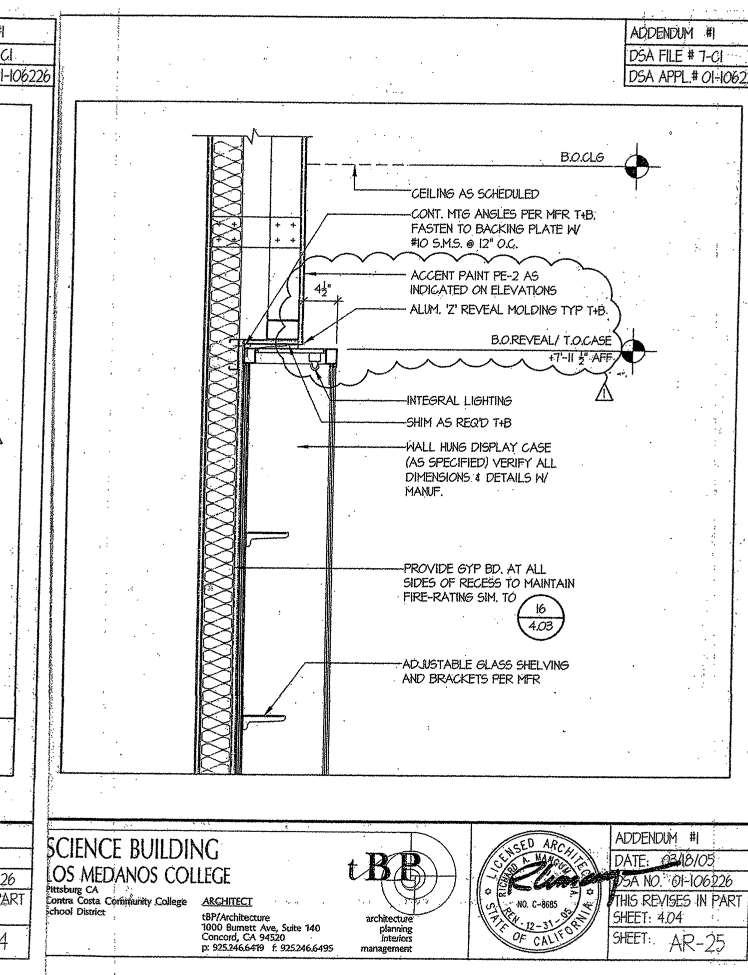
drawing title: ?
INTERIOR PARTITION AND MISC. DETAILS

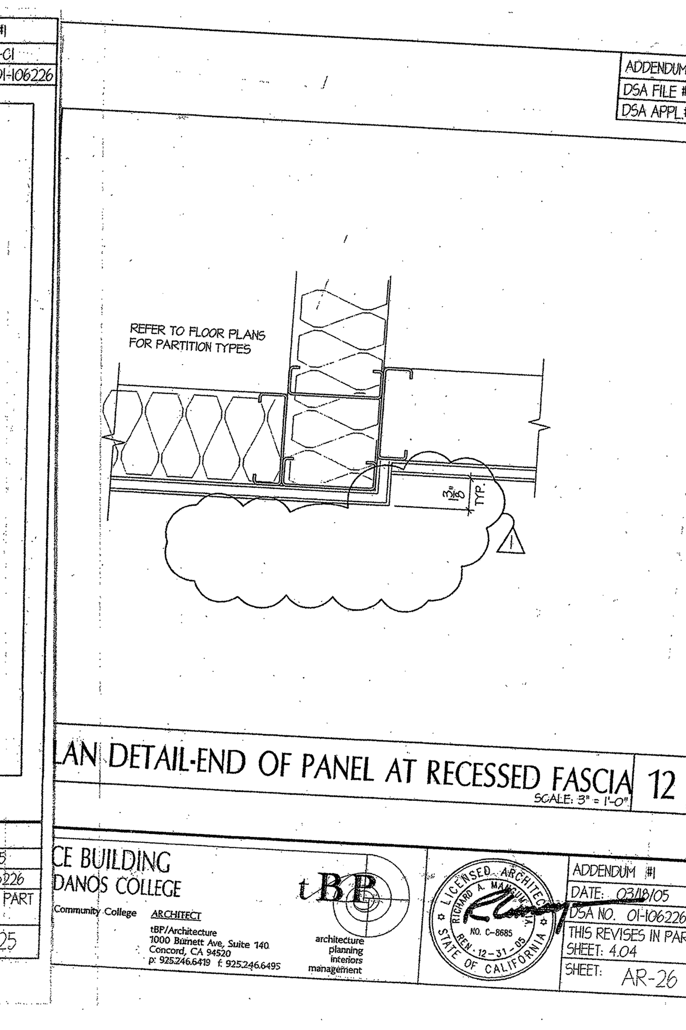
LMC SCIENCE 313-023-112.01-0-00.00

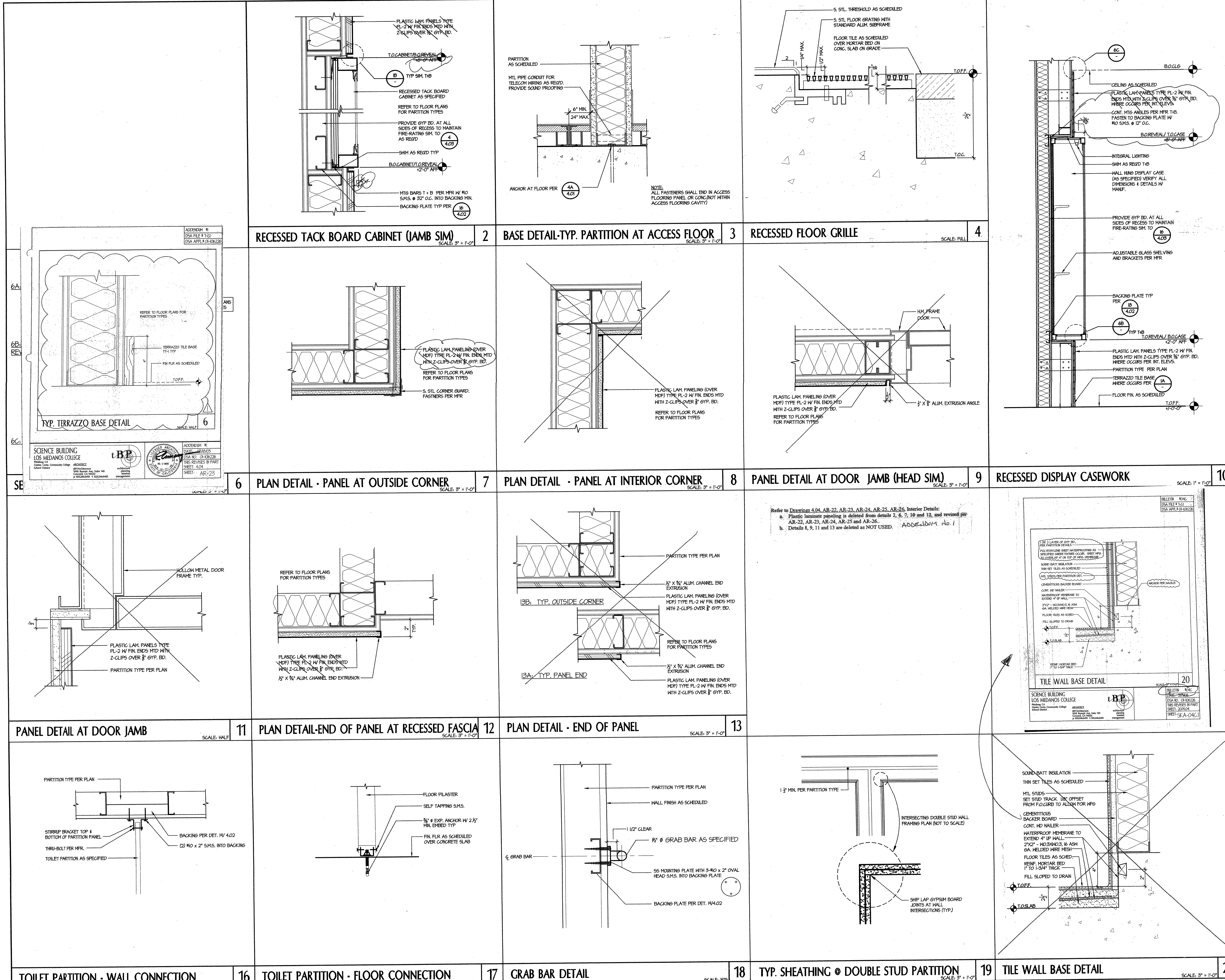
drawing no:
4.03
?


ADDENDUM #1
DSA FILE # 7-C1
DSA APPL.# 01-106226
ACCENT PAINT PE-2 AS INDICATED ON ELEVATIONS
ALUM. 2" REVEAL MOLDING TYP T+B
T.O.CABINET/B.O.REVEAL +7'-8 ½" AFF
RECESSED TACK BOARD CABINET AS SPECIFIED
REFER TO FLOOR PLANS FOR PARTITION TYPES
PROVIDE GYP BD. AT ALL SIDES OF RECESS TO MAINTAIN FIRE-RATING SIM. TO AS REQ'D
SHIM AS REQ'D TYP
B.O.CABINET/T.O.REVEAL +2'-0" AFF
MTG BARS T + B PER MFR W/ #10 S.M.S. @ 32" O.C. INTO BACKING MIN.
BACKING PLATE TYP PER 16 4.02
RECESSED TACK BOARD CABINET (JAMB SIM)
2
SCALE: 3" = 1'-0"
SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District
ARCHITECT
tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495
tBP
architecture planning interiors management
LICENSED ARCHITECT
RICHARD A. MANGUM
NO. C-8685
REN. 12-31-05
STATE OF CALIFORNIA
ADDENDUM #1
DATE: 03/18/05
DSA NO. 01-106226
THIS REVISES IN PART
SHEET: 4.04
SHEET: AR-22


ADDENDUM #1
DSA FILE # 7-C1
DSA APPL.# 01-106226
REFER TO FLOOR PLANS FOR PARTITION TYPES
S. STL CORNER GUARD. FASTNERS PER MFR
PLAN DETAIL - PANEL AT OUTSIDE CORNER
7
SCALE: 3" = 1'-0"
SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District
ARCHITECT
tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495
tBP
architecture planning interiors management
LICENSED ARCHITECT
RICHARD A. MANGUM
NO. C-8685
REN. 12-31-05
STATE OF CALIFORNIA
ADDENDUM #1
DATE: 03/18/05
DSA NO. 01-106226
THIS REVISES IN PART
SHEET: 4.04
SHEET: AR-24


ADDENDUM #1
DSA FILE # 7-C1
DSA APPL.# 01-106226
B.O.CLG
CEILING AS SCHEDULED
CONT. MTG ANGLES PER MFR T+B. FASTEN TO BACKING PLATE W/ #10 S.M.S. @ 12" O.C.
ACCENT PAINT PE-2 AS INDICATED ON ELEVATIONS
ALUM. 2" REVEAL MOLDING TYP T+B
B.O.REVEAL/T.O.CASE +7'-8 ½" AFF
INTEGRAL LIGHTING
SHIM AS REQ'D T+B
WALL HUNG DISPLAY CASE (AS SPECIFIED) VERIFY ALL DIMENSIONS & DETAILS W/ MANUF.
PROVIDE GYP BD. AT ALL SIDES OF RECESS TO MAINTAIN FIRE-RATING SIM. TO 16 4.03
ADJUSTABLE GLASS SHELVING AND BRACKETS PER MFR
SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District
ARCHITECT
tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495
tBP
architecture planning interiors management
LICENSED ARCHITECT
RICHARD A. MANGUM
NO. C-8685
REN. 12-31-05
STATE OF CALIFORNIA
ADDENDUM #1
DATE: 03/18/05
DSA NO. 01-106226
THIS REVISES IN PART
SHEET: 4.04
SHEET: AR-25


ADDENDUM #1
DSA FILE # 7-C1
DSA APPL.# 01-106226
REFER TO FLOOR PLANS FOR PARTITION TYPES
LAN DETAIL-END OF PANEL AT RECESSED FASCIA
12
SCALE: 3" = 1'-0"
CE BUILDING
DANOS COLLEGE
Community College
ARCHITECT
tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495
tBP
architecture planning interiors management
LICENSED ARCHITECT
RICHARD A. MANGUM
NO. C-8685
REN. 12-31-05
STATE OF CALIFORNIA
ADDENDUM #1
DATE: 03/18/05
DSA NO. 01-106226
THIS REVISES IN PART
SHEET: 4.04
SHEET: AR-26



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1000 Burnett Avenue, Suite 140
Concord, CA 94520
p. 925.246.6419 f. 925.246.6495

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
AC
DATE 1-13-05

FILE No. 7-C1
Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p. 415-396-9500 f.

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Contra Costa Community College District

tBP project number : 20247.00
file name: DTL-0405.DWG
drawn by: CC checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
INTERIOR DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
4.04

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Attachment of coiling counter door stainless steel sill installation
Reference (dwg, spec.): Bulletin 23, Submittal 122

RFI No: **472**
Subcontractor RFI:

Reply Requested By: 1/31/07

INFORMATION REQUESTED: **Date:** 1/24/07

Bulletin 23 shows attachment of the coiling counter door stainless steel sill with a detail on sheet SKA-23.3. This is NOT the manufacturer's recommended method of attachment. Reference submittal no. 122 and look under section III of this submittal, shop drawings for a detail on the manufacturer's recommended installation of this stainless steel sill. Note that the manufacturer's recommended installation is a UL listed assembly. The manufacturer cannot warrant the installation as shown in Bulletin 23. Please review and confirm that we are to follow the manufacturer's installation details.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Justin Warren

RESPONSE: **DATE:**

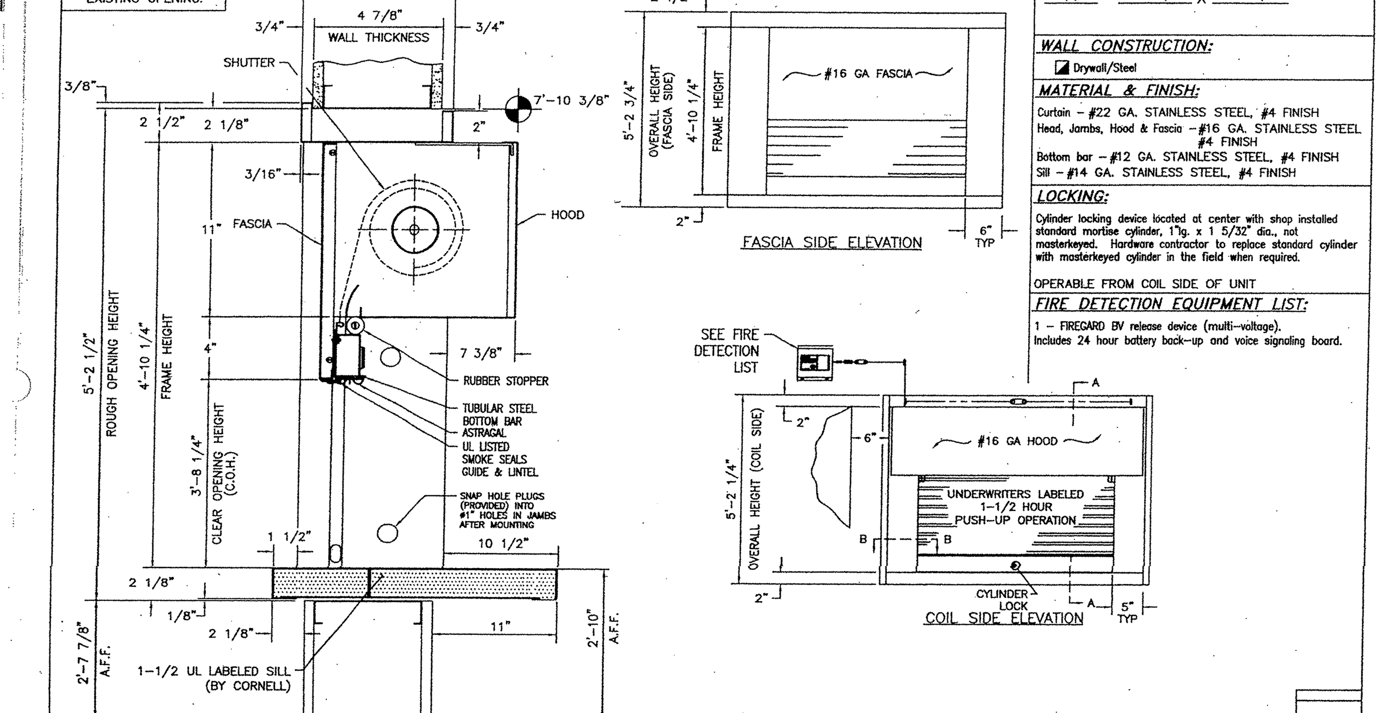
There is no exception taken to the use of the shop drawing sill detail. 1

The shelf will be used to support staging of chemicals, and other lab use items and the concern is for assurance that the shelf will support this use and not deflect at the cantilevered portion.

Please provide the load carrying capacity of the shelf as detailed on shop drawing. It will be determined later if added support will be necessary that will not affect the UL label.

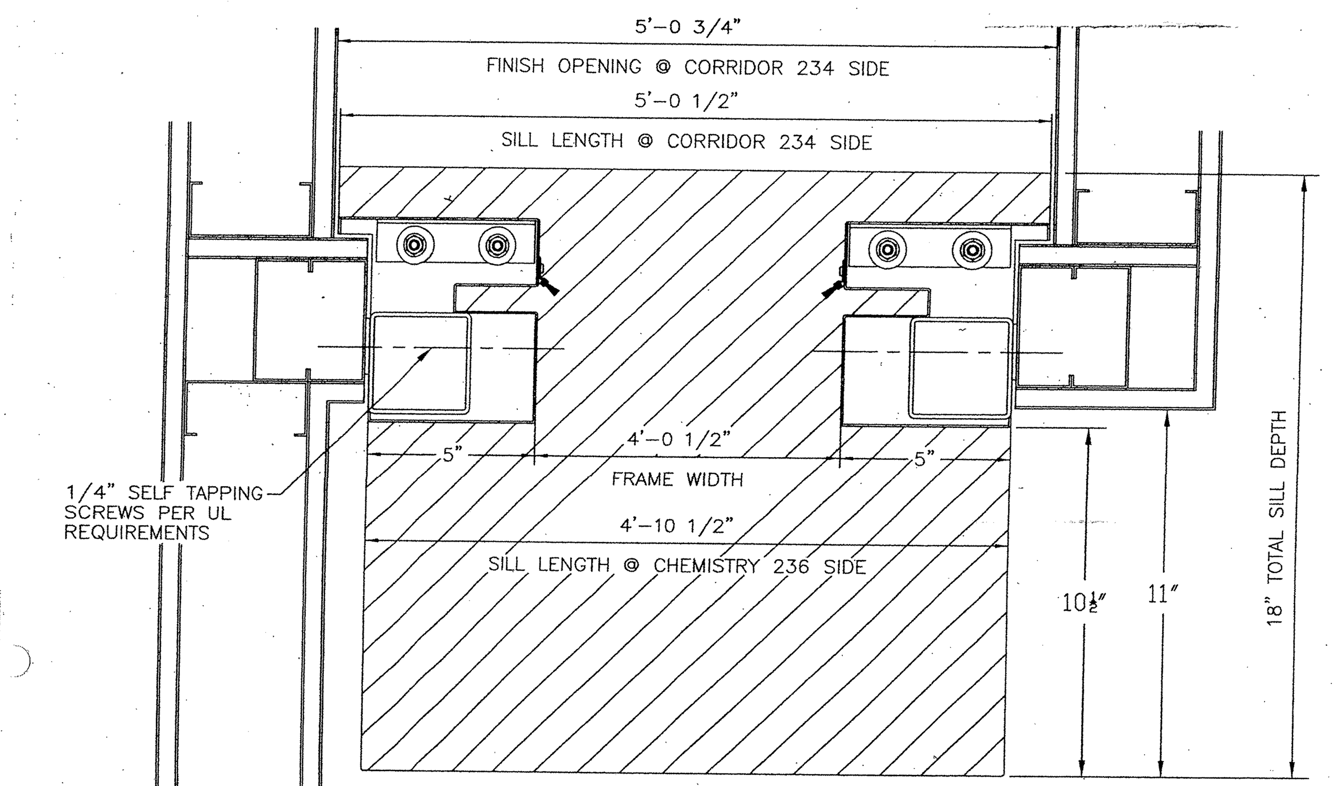
Jim Weaver / tBP Architecture

2/2/07



SLIP-IN COUNTER FIRE DOOR WITH FRAME – PUSH-UP LOS MEDANOS COLLEGE SCIENCE BUILDING PITTSBURG CA	DRAWN BY: RICH DATE 11/8/06	CORNELL IRON·WORKS New Solutions. Since 1828. Mountaintop, Pennsylvania
AGENT THE SMITH COMPANY, INC.	NO. EST# 315795 001 A	

(FROM SUBMITTAL 122)

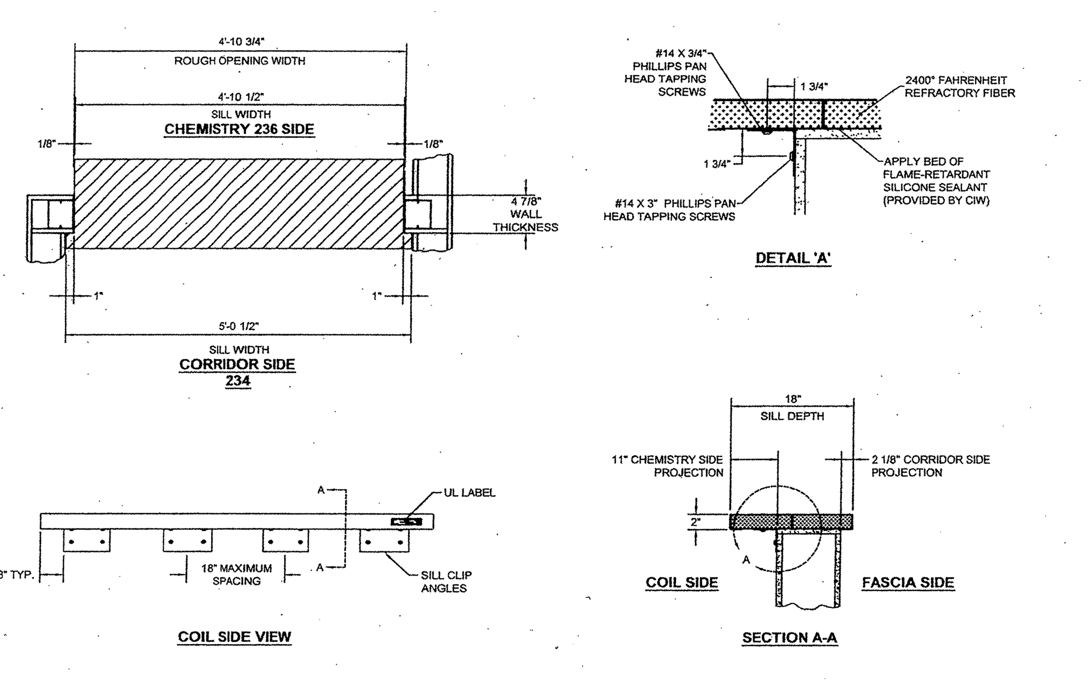


SILL PLAN @ ROLL UP DOOR
11/8/06 RICH

SPECIFICATIONS:
1-1/2 hour fire rated sill assembly UL labeled "Miscellaneous Fire Door Accessory". Constructed of #14 gauge stainless steel #4 finish with #16 gauge stainless steel #4 finish bottom closure pieces. Interior cavity filled with minimum 3 pound per cubic foot density, 2400° Fahrenheit refractory fiber.

- 03148" sill mounting clip angles.
- #14 x 3" Phillips pan head tapping screws.
- #14 x 3/4" Phillips pan head tapping screws.
1 - 10 oz. cartridge of GE RTV 133 flame-retardant silicone sealant.
ES 10-257 UL Labeled Sill Installation instructions.

Sill Material - #14 gauge stainless steel with #4 finish.



10-14-2002 SILL-SSLT				
—	ORIGINAL DRAWING	11/8/06	RICH	
#	REVISION	DATE	BY	

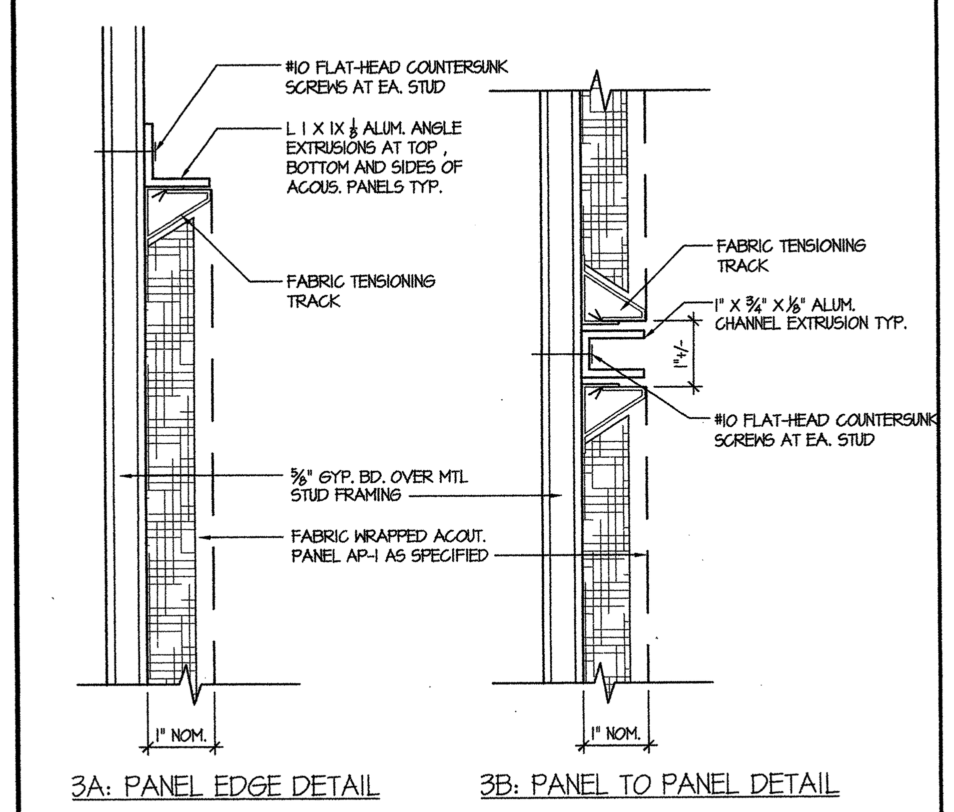
CORNELL IRON·WORKS New Solutions, Since 1828! Mountaintop, Pennsylvania www.cornelliron.com

CORNELL FABRICATED LABELED SILL "T"-SHAPED STAINLESS STEEL
LOS MEDANOS COLLEGE SCIENCE BUILDING
PITTSBURG CA

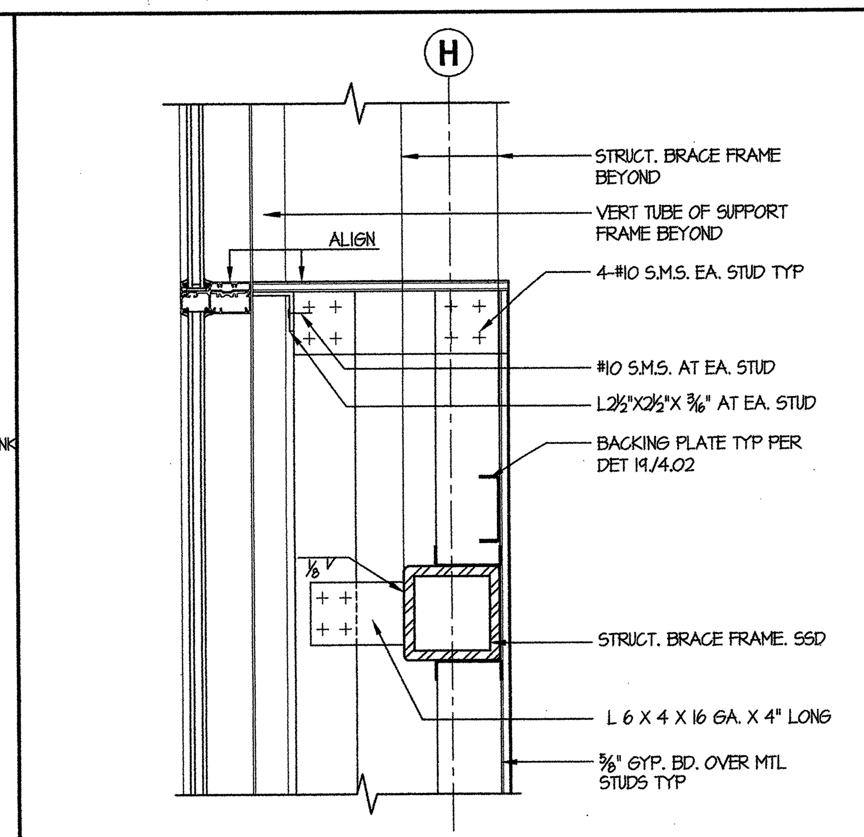
AGENT: THE SMITH COMPANY, INC
CONTRACTOR: S.J. AMOROSO
ARCHITECT: tBP/Architecture
JOB #: EST# 315795 001 B

(FROM SUBMITTAL 122)

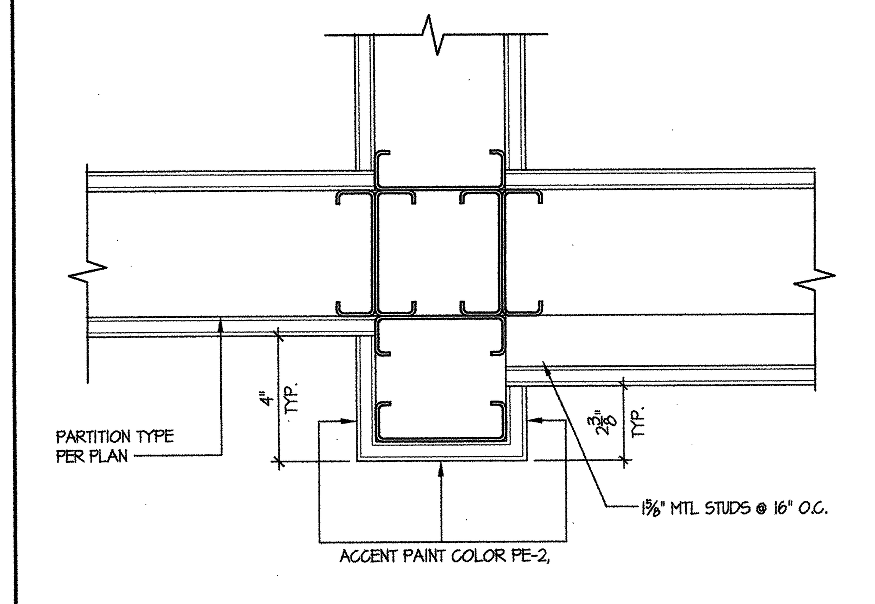
Los Medanos College
4CD Proj. #: L-565-B-23-SC
Science Building



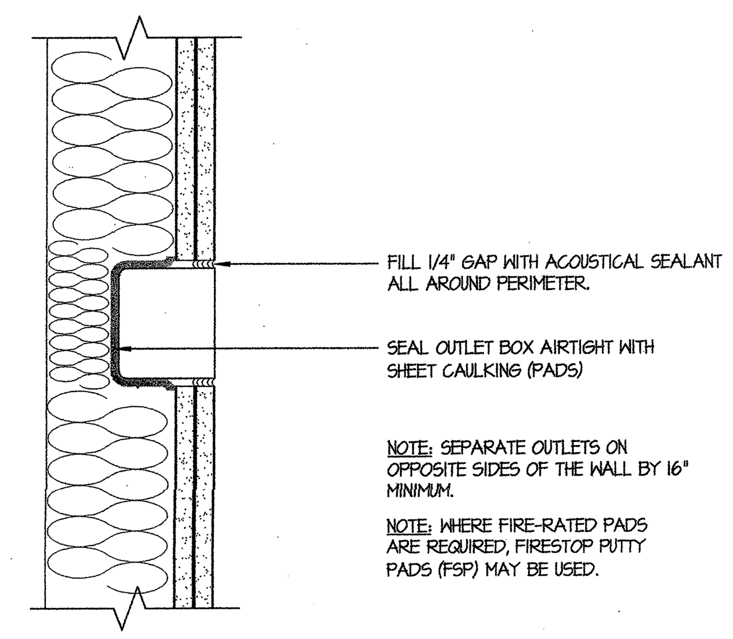
ACOUS. PANEL DETAILS 3
SCALE: HALF



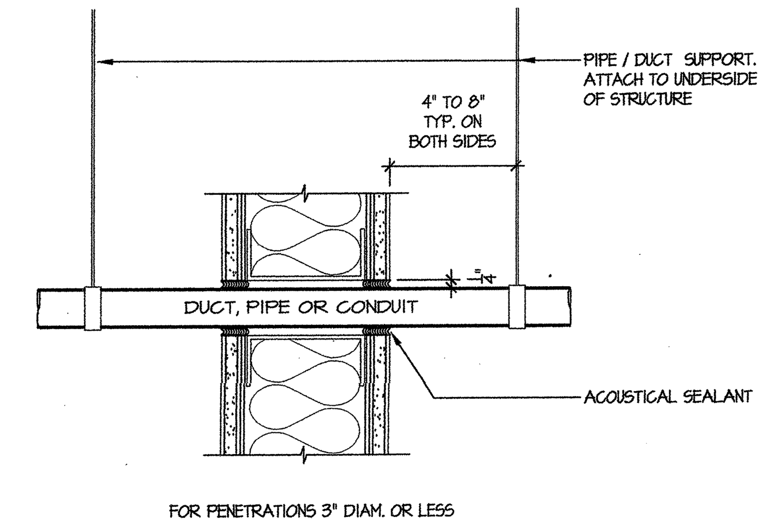
FRAMING DETAIL AT FURRED WALL 4
SCALE: 1 1/2" = 1'-0"



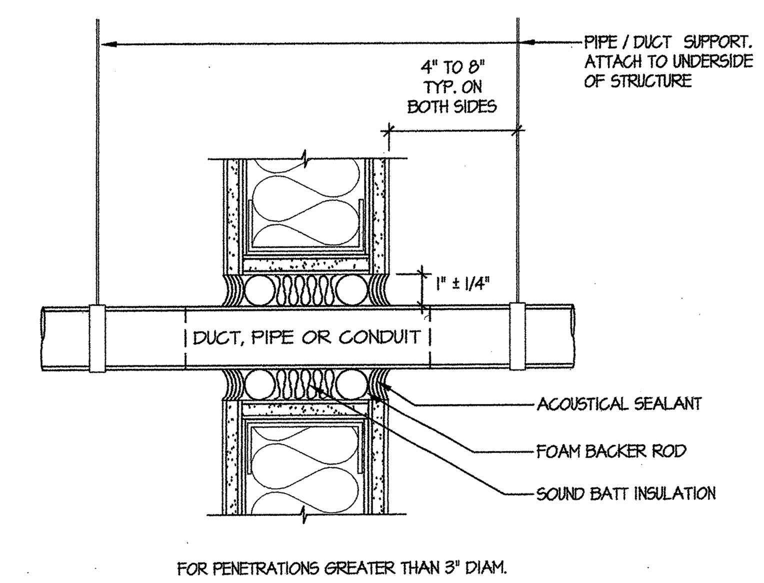
TYP. PLAN DETAIL AT RECESSED FASCIA 15
SCALE: 3" = 1'-0"



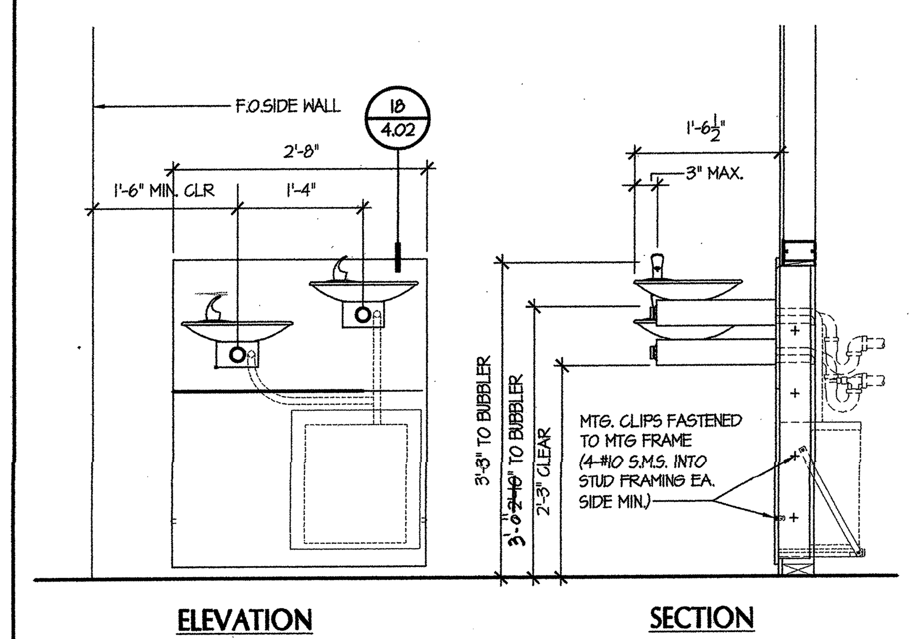
RECESSED OUTLET IN SOUND RATED WALL 7
SCALE: 3" = 1'-0"



PIPE/DUCT PENETRATION - SOUND RATED CONST 8
SCALE: 3" = 1'-0"



PIPE/DUCT PENETRATION - SOUND RATED CONST 9
SCALE: 3" = 1'-0"



ACCESSIBLE DRINKING FOUNTAIN 10
SCALE: NTS

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Motor at coiling counter door, room 236

RFI No: **139**

Reference (dwg, spec): A1-3, 4.05, 8.03, E2.3

Subcontractor RFI# Smith 1, 2, 3

Reply Requested By: 2/16/06

INFORMATION REQUESTED: **Date:** 2/9/06

Attached are Smith Company RFI's 1, 2 and 3. Each of these RFI's ask various questions all surmising that, due to physical constraints required to install a motor for this door, it may be better to provide the same door without a motor. The reasons include:
Typical usage of these types of doors is that they are opened at the beginning of the day and closed at the end of the day, so a motor is not needed.
Jamb detail 7/8.03 does not allow enough physical room for motor driven guides, but does allow enough room for manual door
There is not enough physical space in the soffit to install a motor.
Not noted in the Smith RFI's is that drawing E2.3 does not depict electrical to this location.
Therefore, please advise if a motor is needed, or if the motor could be eliminated and a cost savings realized.

SUGGESTED SOLUTION:

Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:**

See future Bulletin #23 for clarification of "Coiling Counter Door".

Vanessa Ling
tBP Architecture
3/29/06

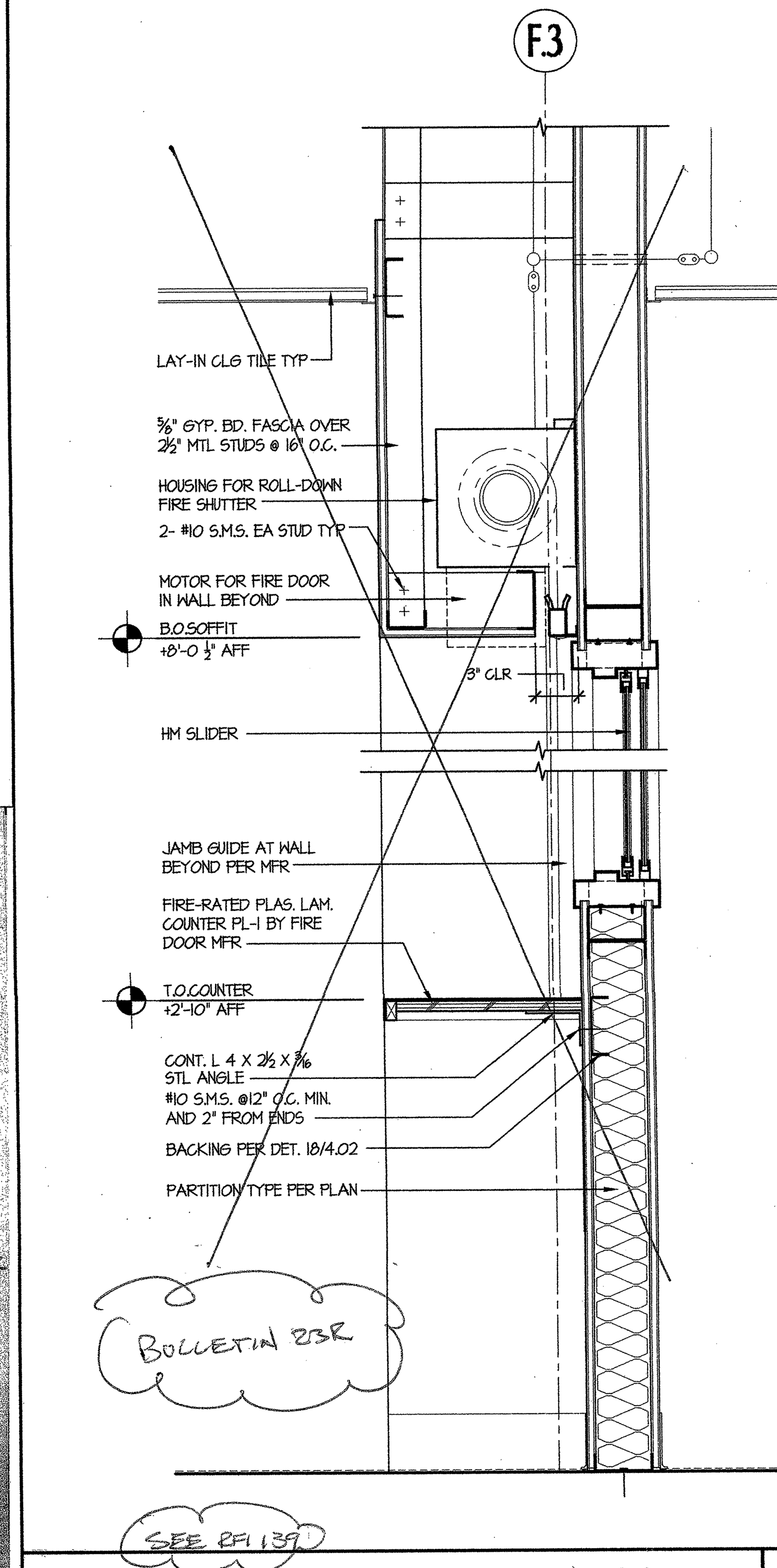
Attachments:

By:

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	2/9/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	

RFI # 000
Page 1



PARTIAL SECTION AT ROLL-DOWN FIRE DOOR 20
SCALE: 1 1/2" = 1'-0"

Bulletin No.23 (Revised 8/01/06)

tBP Architecture Planning Interiors Management

Date: 8/1/2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description: REFERENCE: RFI #139, Submittal #43, 60, Specification Section 08331, Sheets 40/4.05, 7/8.03, HM25/8.83

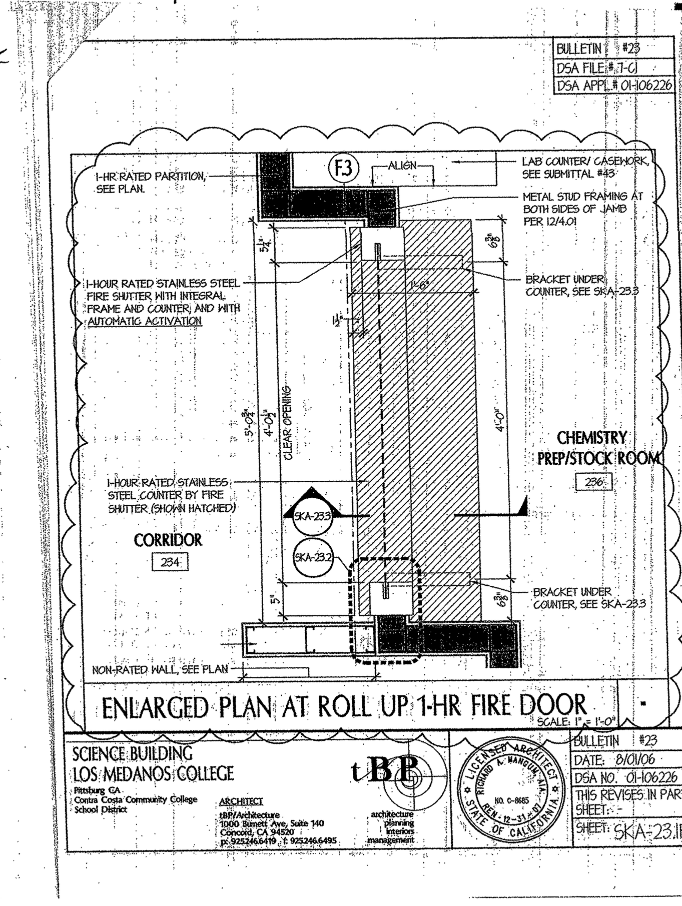
The Coiling Counter Door and HM25 between Chemistry Prep/Stock Room #236 and Corridor #234 are revised as followings:

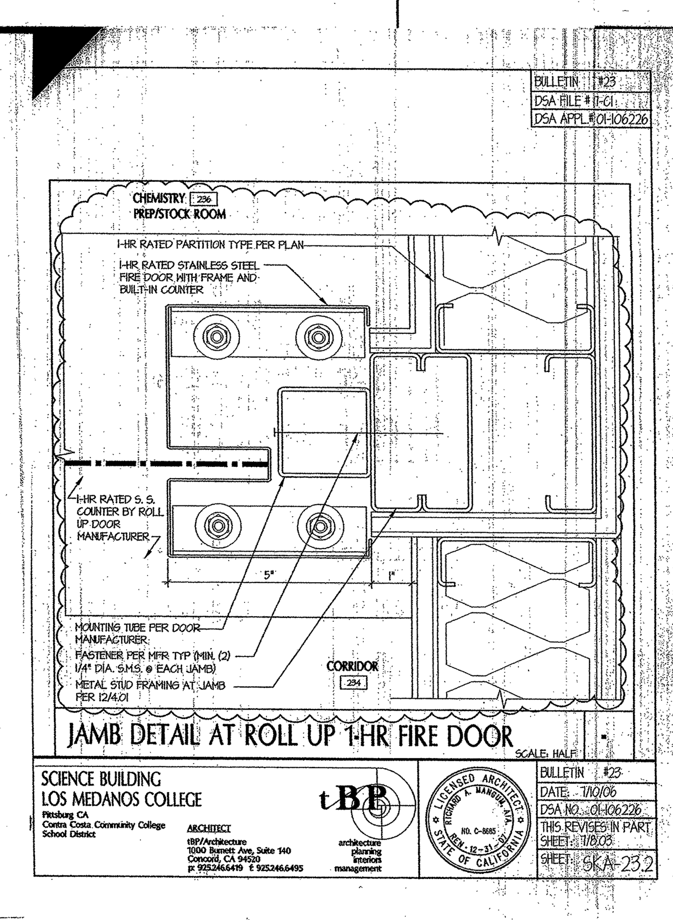
1. HM 25 including sliding by pass window are deleted, provide credit. Reference to HM25/8.83.
2. 1 hour rated motor door in Contract Documents in this location is deleted and replace by manual coiling door by Cornell Iron Work. Provide credit to the deleted 1 hour rated motor door in Contract Documents. Reference to Spec section 08331.
3. New 1-hour rated Coiling Door is to be by Cornell Iron Work – "Built-in Counter Fire Door with Frame" **(UL# GSWTR15854) with Automatic Activation (UL# SZNTR7505)**, 16 GA with #4 stainless steel finish push up door with built-in counter.
4. Partial epoxy counter in front of HM25 in Prep/Stock Room #236 is deleted. See attached revised sheet 73/Submittal #43 for details. Provide credit for the deleted epoxy countertop.
5. 1-hour rated plastic laminate counter per detail 20/4.05 in Contract Documents is replaced with 1-hour rated; 14 GA - #4 finish stainless steel counter by Cornell Iron Works. New counter is integrated with coiling door. Provide credit to the deleted 1-hour plastic laminate counter.

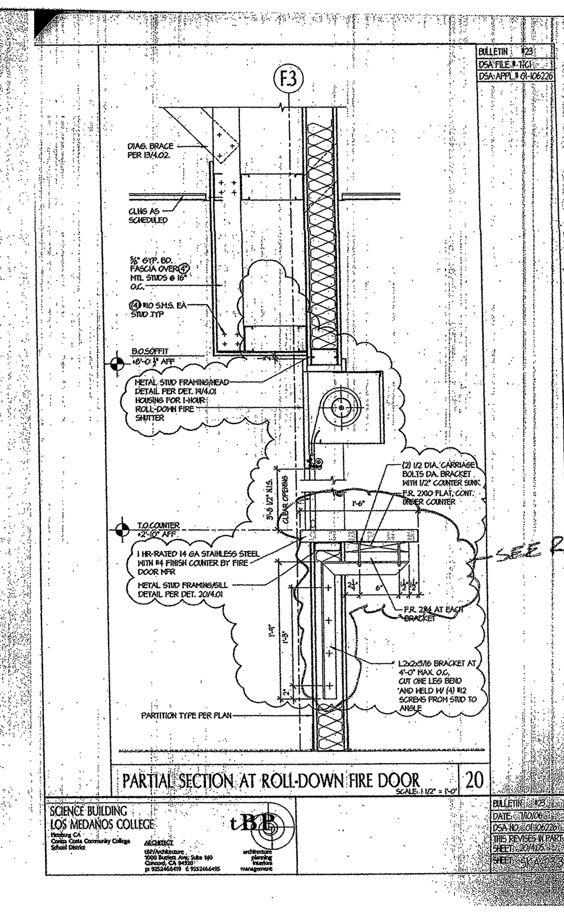
See the attached **SKA-23.1R** SKA-23.2 and SKA-23.3 for details. Provide submittal for 1-hour coiling door with integrated counter **and Automatic Activation.**

Issued By: Architect
Requested By: Architect, Owner
Reason: Coordination to Coiling Counter Door
Enclosures: **SKA-23.1R**, SKA-23.2 and SKA-23.3, sheet 83/Submittal #43

tBP/Architecture. 1000 Burnett Ave. Suite 140, Concord, CA. 94520. ph: 925.246.6419. fax: 925.246.6495







tBP
architecture
planning
interiors
management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

LICENSED ARCHITECT · STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APPL. NO. 01-106226
FILE No. 7-C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Contra Costa Community College District

tBP project number: 20247.00
file name: DTL-0405.DWG
drawn by: CC checked by:
date: NOVEMBER 15, 2004

Rev.	date	description

drawing title:
INTERIOR DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no: **4.05**

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Subj.: Construction of gypsum board ceilings

Reference (dwg, spec.): 9/5.01

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

RFI No: 371 (Amended 11/1/06)
Subcontractor RFI:

Reply Requested By: 10/12/06

INFORMATION REQUESTED: **Date:** 10/5/06

Detail 9/5.01 provides information on construction of suspended gypsum board ceilings. This type of construction calls for hanger wires and splay wires which may not be practical given the amount of above-ceiling MEP in this structure.

Therefore, Concord Drywall suggests that gypsum board ceilings in the following locations be constructed with metal stud framing of minimum 20 gauge, 4" metal studs, 16" o.c., max 11'-10" span:

Lecture Hall 141
All restrooms
Ceilings in both stairways (except for the high ceilings just below roof)
Elevator machine rooms
Lobby 101 west side (approx C-line to the west)
Lobby 101 east side (approx D-line to the east)
Storage room 141
Janitors room 108
Corridor ceiling areas near doors 146 and 161
Corridor ceiling area near door 235
Corridor ceiling area near doors 210 and 224
Lobby 201 west side (approx C-line to the west)
Lobby 201 east side (approx D-line to the east)

Amended response 11/1/06:
See attached SSK-1 to SSK-5 and structural calculation in regarding note #3 in DSA Field Trip Note No.4 dated 10/19/06 (attached).

Vanessa Ling/tBP - 11/1/06

Please advise.

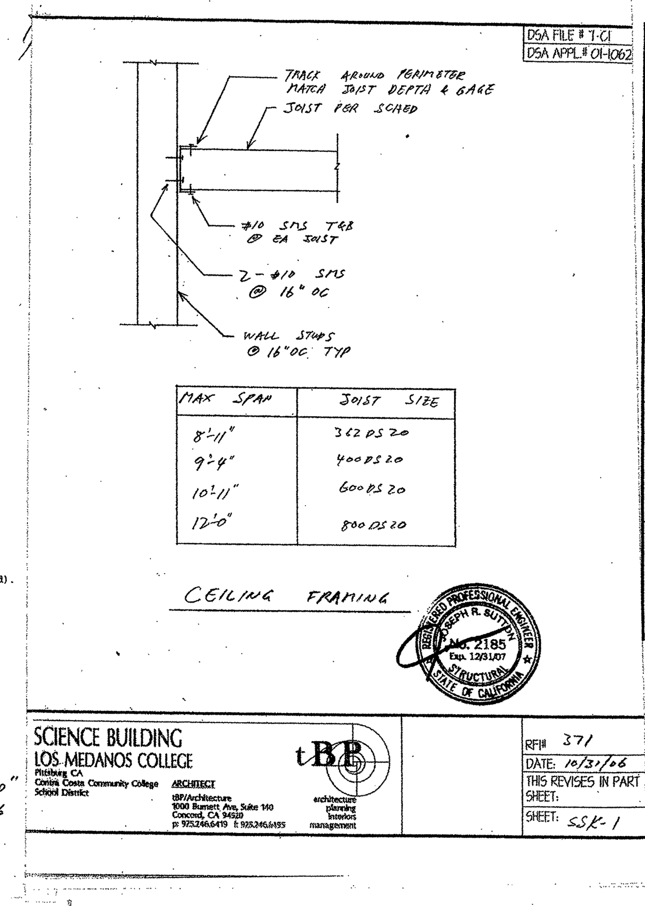
SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

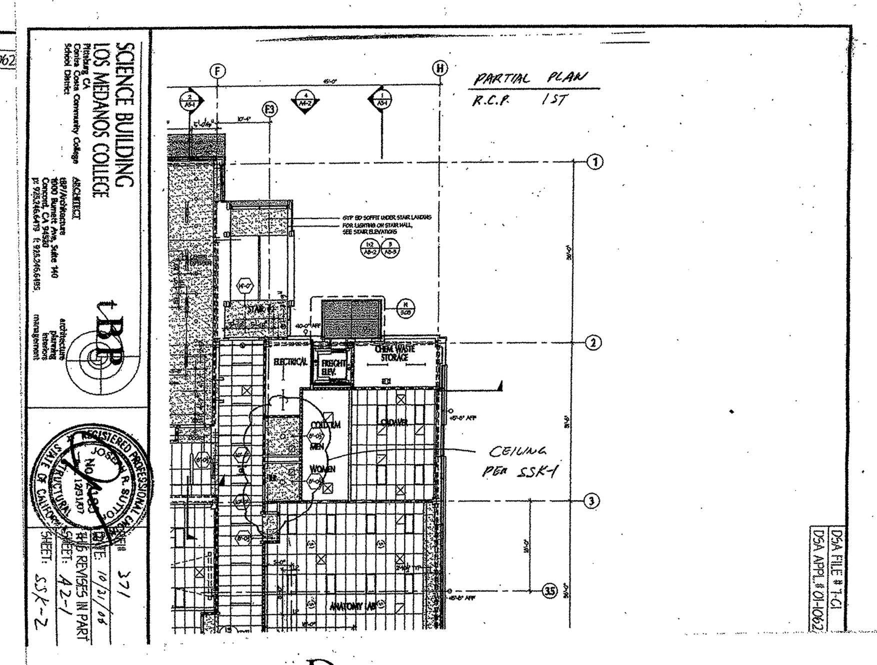
RESPONSE: **DATE:**

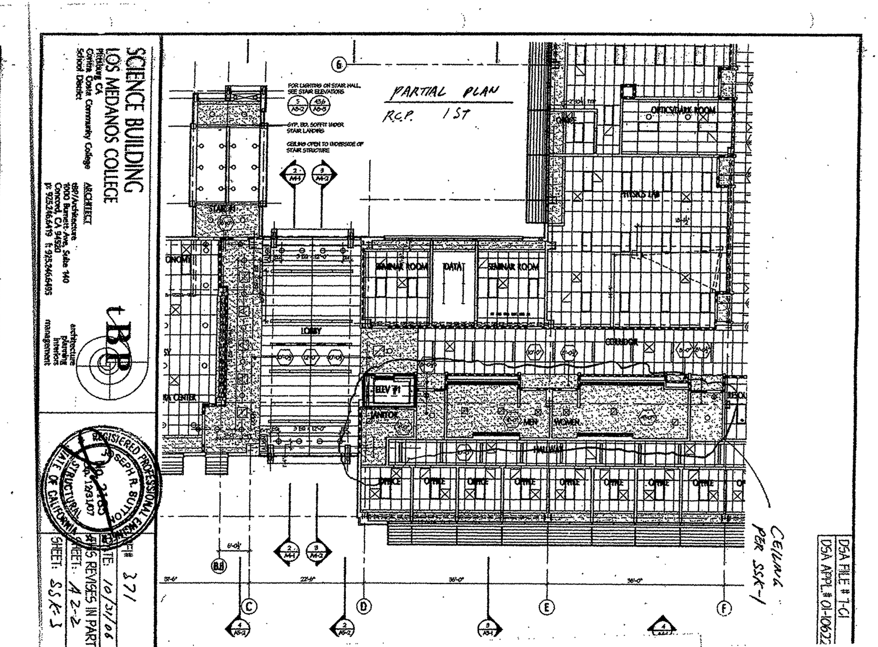
DASSE:
Max span allow is 8'-11" for the proposed size, with blocking at mid span. Use larger size or thick gage for spans between 8'-11 to 11'-10"
cc: EWS FIELD
MONTEREY FIELD
10-17-06

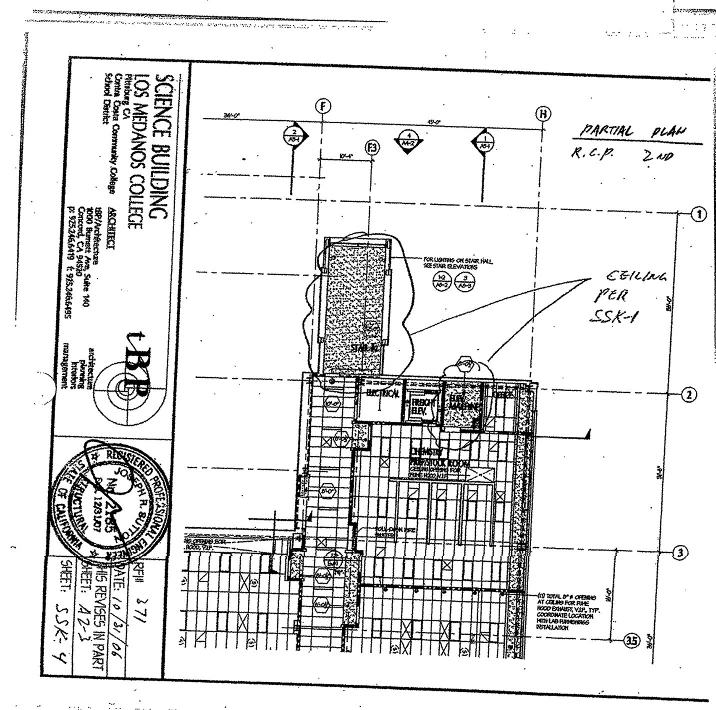
RFI # 000
Page 1

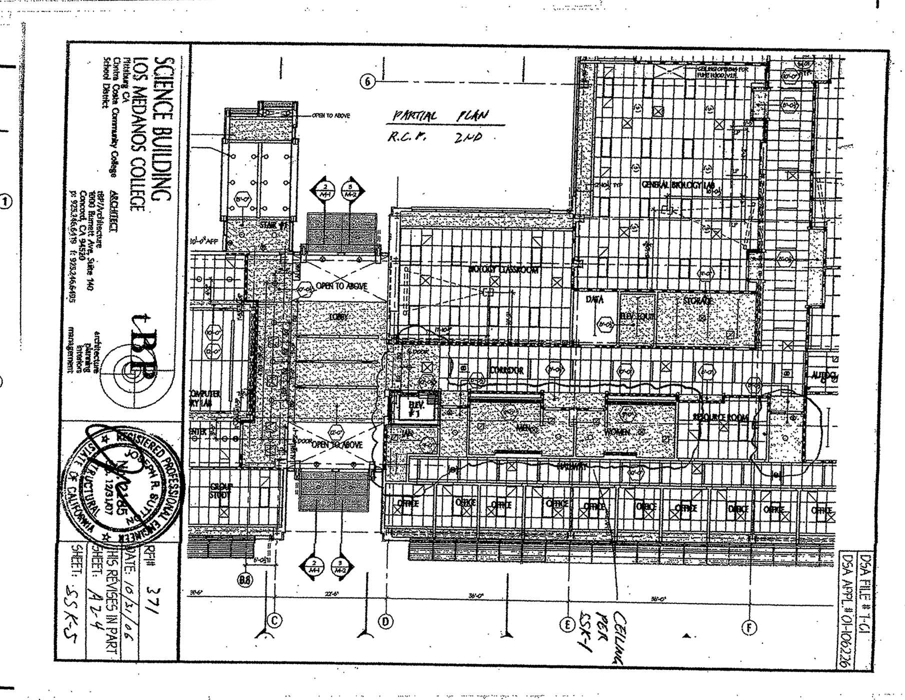
No cost shall apply to owner for the proposed ceiling revisions.
Vanessa Ling/tBP - 10/17/06











DASSE
Dasse Design Inc.
Structural Engineers
San Francisco
Oakland

Project: LMC - Science
Job No.: 028318×2 By: CHN
Date: 10/31/06 Page: 1/4

Ceiling loads

5/8" gyp bd	2.5 psf
joist @ 16" oc	1.0 psf
misc	.5
	DL = 4 psf
	LL = 10 psf

Joist

brace at 1/2 point
Space at 16" oc

see Cemco catalog pp attached

Max Span	Joist size
8'-11	3 5/8 × 20 ga
9'-4	4" × 20 ga
10'-11	6" × 20 ga
12'-0	8" × 20 ga

2/4

Partition Steel Framing CEMCO

TABLES
ALLOWABLE LOADS AND SPANS FOR CEILING JOISTS AND RUNNERS

"DS-20 & SS-20" - PUNCHED "C" JOIST SPANS

3/4

CEMCO **Partition Steel Framing**

TABLES
ALLOWABLE LOADS AND SPANS FOR CEILING JOISTS AND RUNNERS

"DS-20 & SS-20" - PUNCHED "C" JOIST SPANS

Project:
Job No.: By:
Date: Page: 4/4

Seismic Load

$$\frac{F_p}{1.4} = \frac{a_p C_a I_p}{(1.4) R_p}\left(1 + \frac{3h_x}{h_r}\right) W_p$$

$$= \frac{2.5(.44)(1.15)}{1.4(3.0)}(1+3) W_p$$

$$= 1.205\ W_p$$

max shear at edge of ceiling to wall interface

$$V_{max} = 1.205\,(4\,psf)\left(\frac{12'}{2}\right) = 29\,plf$$

$< 50\ plf$
per IR 25-3
section 5.2.2

Screws to Wall

2-#10 sms @ 16" oc

$$V_{allow} = 2\,(177\ \#/screw)\left(\frac{12}{16}\right)$$

$= 266\ plf$

OK

DGS **DSA** Oakland San Francisco Bay Area Office - I
1515 Clay St. Suite 1201, Oakland, CA 94612
phone (510) 622-1833
fax (510) 622-3073
fai.auyoung@dgs.ca.gov

FIELD TRIP NOTE
SSS 153-2

Field Trip Note No. 04	Date: 10/19/06	Time:	File No. 7-C1
Project Name: LMC ~ SCIENCE BLDG			Application No. 01-106226
Inspector: Bob Harke	On-site: [✓] Yes [ ] No		Page 1 Of 1
Items Requiring Resolution this visit: [✓] Yes [ ] No	List Previous FTN items Resolved this Visit: [ ] Yes [✓] No		Project % Complete: 59%

2. IOR
3. SEOR

1. Metal lath/wire mesh & Stucco assembly - Mock up panel is done without stucco. Relatively speaking, this type of wire mesh contact the backing at the "stand off" groove, and at the fastening screws on the twin wired area, and decreases the scratch coat contact area over the backing.

2. Contractor to place scratch coat on the mock up, IOR to inspect and report condition to DSA

3. Plans show suspended gyp board ceiling. If 4" or other sized metal studs or joists are used to form a framed ceiling, SEOR MUST show framing plans w/ dimensions & calcs., submit to DSA.

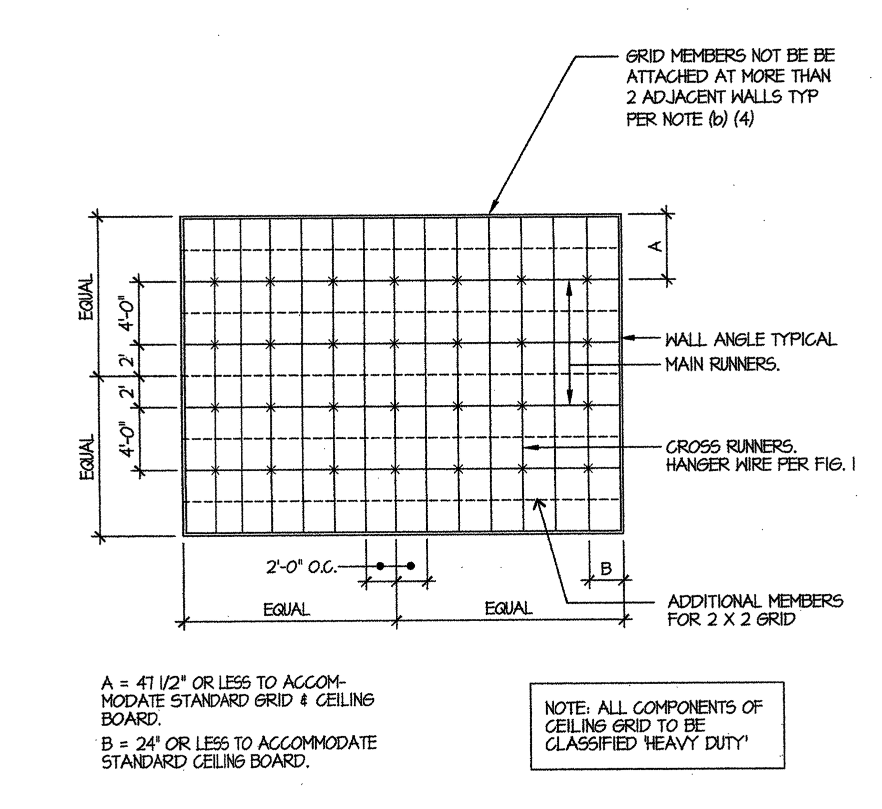
☑ Inspector shall respond to Field Trip Note comments in his/her next semi-monthly report.
☑ Inspector shall forward a copy of this FTN to Design Professional in General Responsible Charge / Structural Engineer / Owner

o Job File
o comprehension /documents
o Continuous Inspection
o Inspection Records
o Communications and reporting
o Monitoring T&I program
o Supervision of assistants

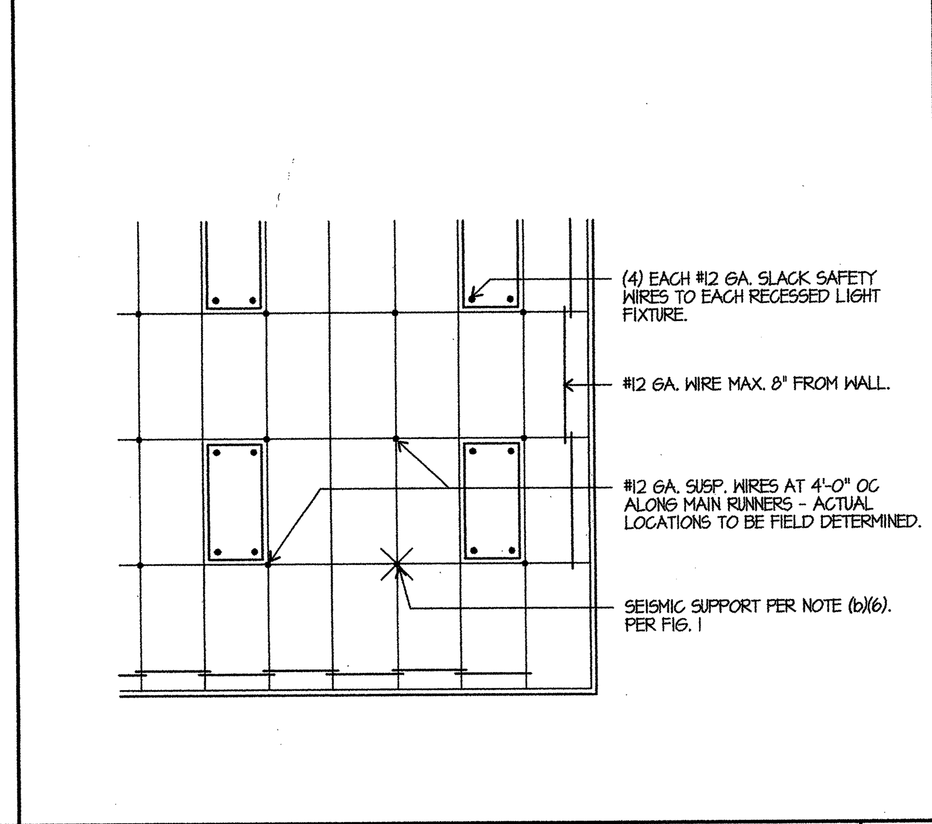
by Fai AUYOUNG, DSE, DSA Representative   10/19/06 Date

Distribution: [X] DSA Field Engineer
[X] Inspector
[X] Job Folder
[ ]

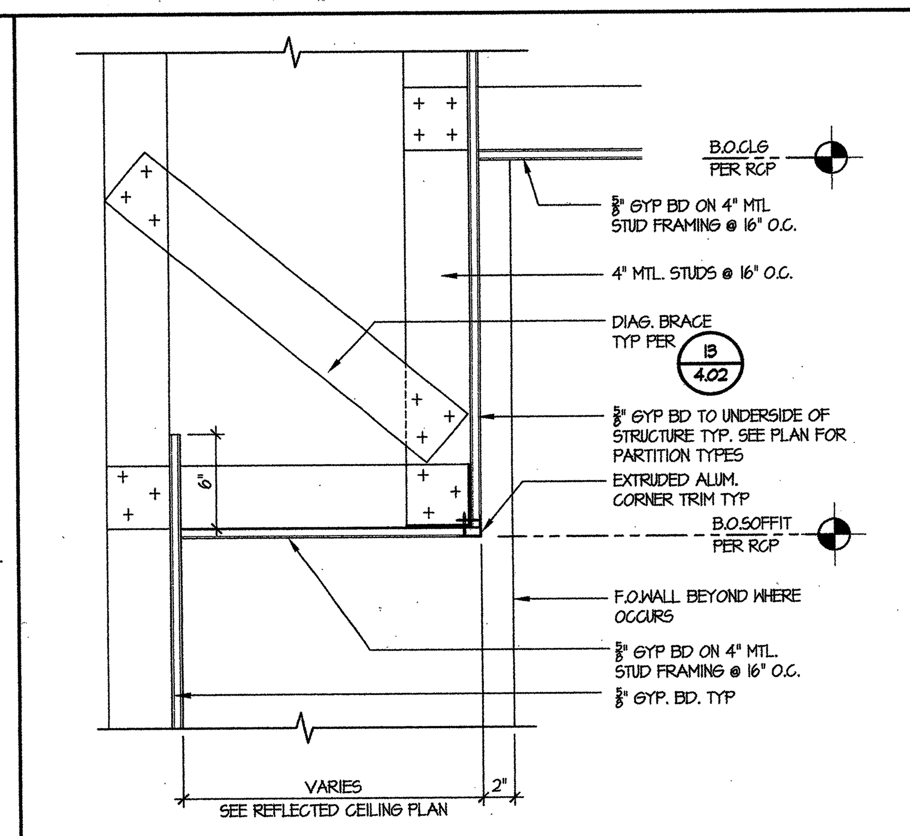
Los Medanos College
4CD Proj. #: L-565-B-23-SC
Science Building



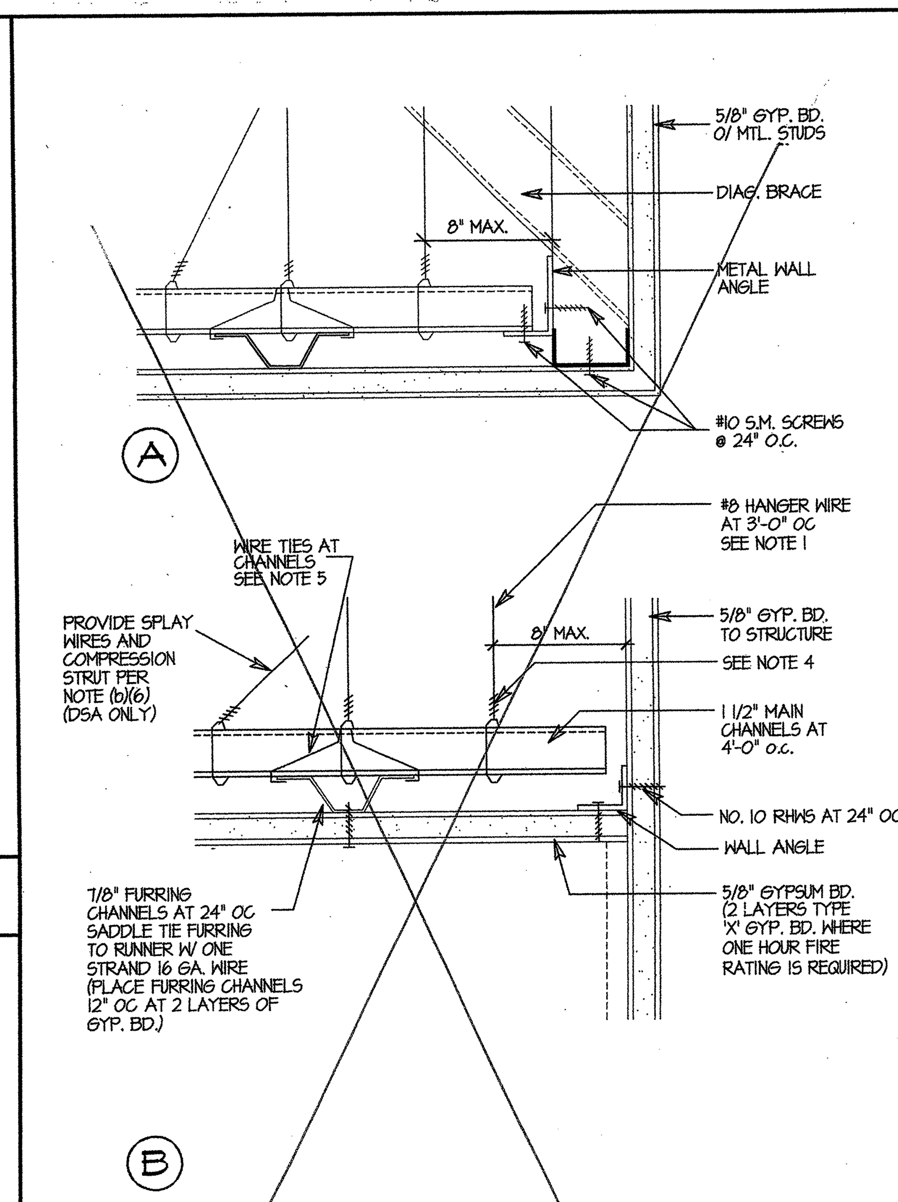
TYPICAL SUPPORT PLAN AT LAY-IN CEILING — SCALE: NTS — 1



LATERAL BRACING PLAN — SCALE: NTS — 2



TYP. SOFFIT DETAIL — SCALE: 1-1/2" = 1'-0" — 3



SUSPENDED GYP. BOARD CEILING NOTES

1. VERTICAL HANGER WIRES ARE NO. 8 GA. AND GALVANIZED, HOWEVER, IF CEILING IS NON-ACCESSIBLE, A NO. 12 GA. WIRE SHALL BE USED.

2. MAIN RUNNER AND CROSS RUNNER SIZES AND SPACING PER TABLE 25A. USE 1 1/2" X 1.12 LB/FT HOT ROLLED CHANNEL FOR MAIN RUNNER AND 3/4 X .3 LB/FT CHANNELS FOR CROSS RUNNERS.

3. CROSS-FURRING SHALL BE 7/8", 26 GA. GALVANIZED HAT SECTIONS AT 24" MAX. O.C.

4. HANGERS SHALL BE SADDLE-TIE AROUND MAIN RUNNERS TO DEVELOP THE FULL STRENGTH OF THE HANGERS.

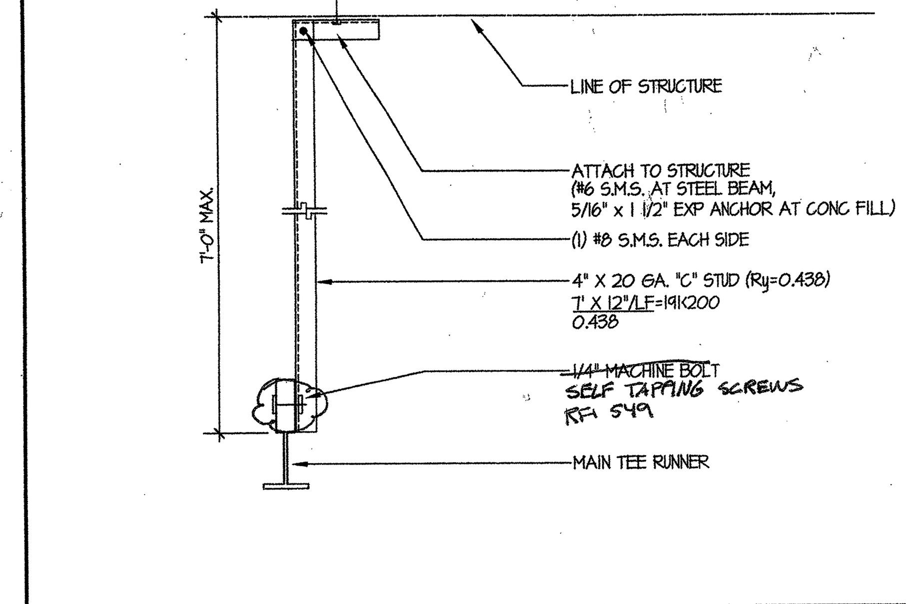
5. CROSS-FURRING SHALL BE SADDLE-TIED TO THE MAIN RUNNERS WITH ONE STRAND OF NO. 16 OR TWO STRANDS OF NO. 18 GA. TIE WIRE.

6. MAIN RUNNERS SHALL BE SPLICED BY LAPPING AND INTERLOCKING FLANGES 12" MIN. AND TYING NEAR EACH END WITH DOUBLE LOOPS OF NO. 16 GA. WIRE

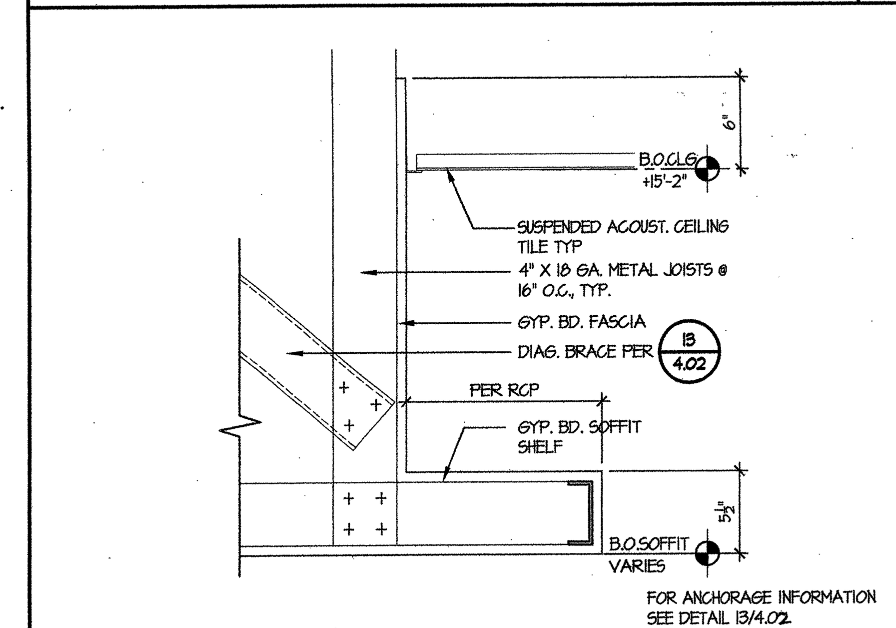
7. CROSS-FURRING SHALL BE SPLICED BY LAPPING AND INTERLOCKING THE PIECES 8" MIN. AND TYING NEAR EACH END WITH DOUBLE LOOPS OF NO. 16 GA. WIRE.

SEE RFI 371

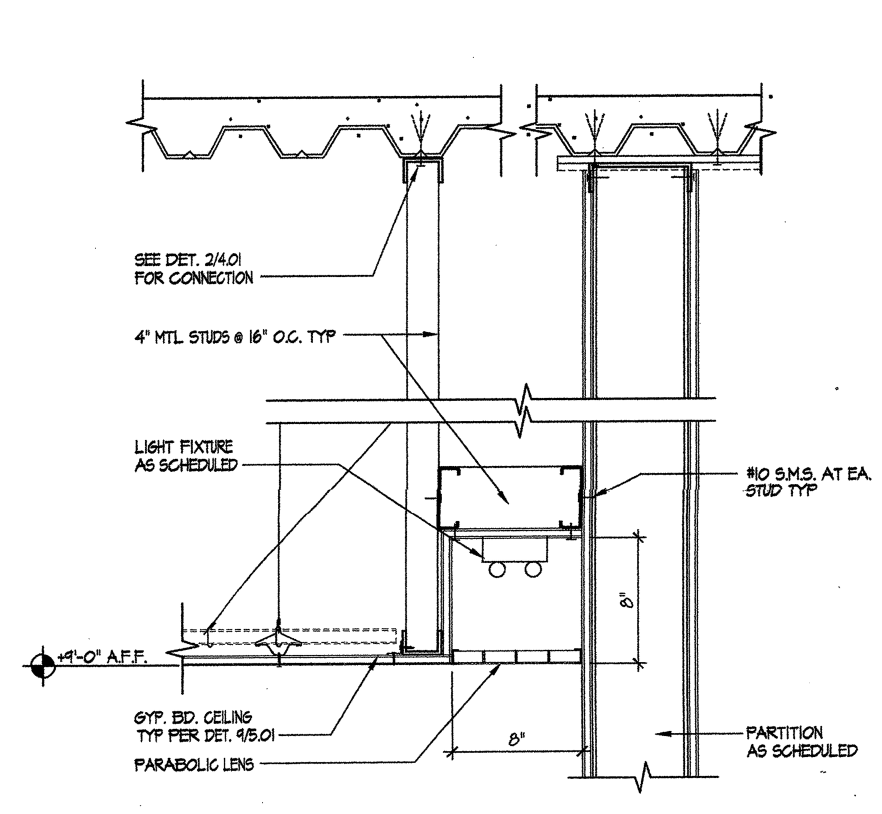
SUSPENDED GYP. BD. CEILING DETAILS — SCALE: NTS — 9



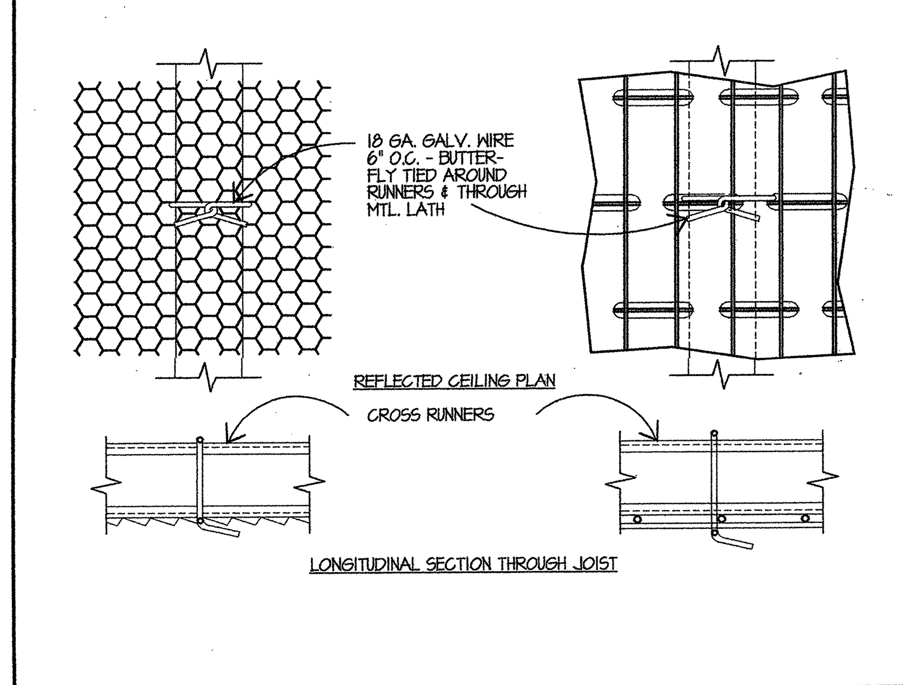
COMPRESSION STRUT — SCALE: NTS — 5



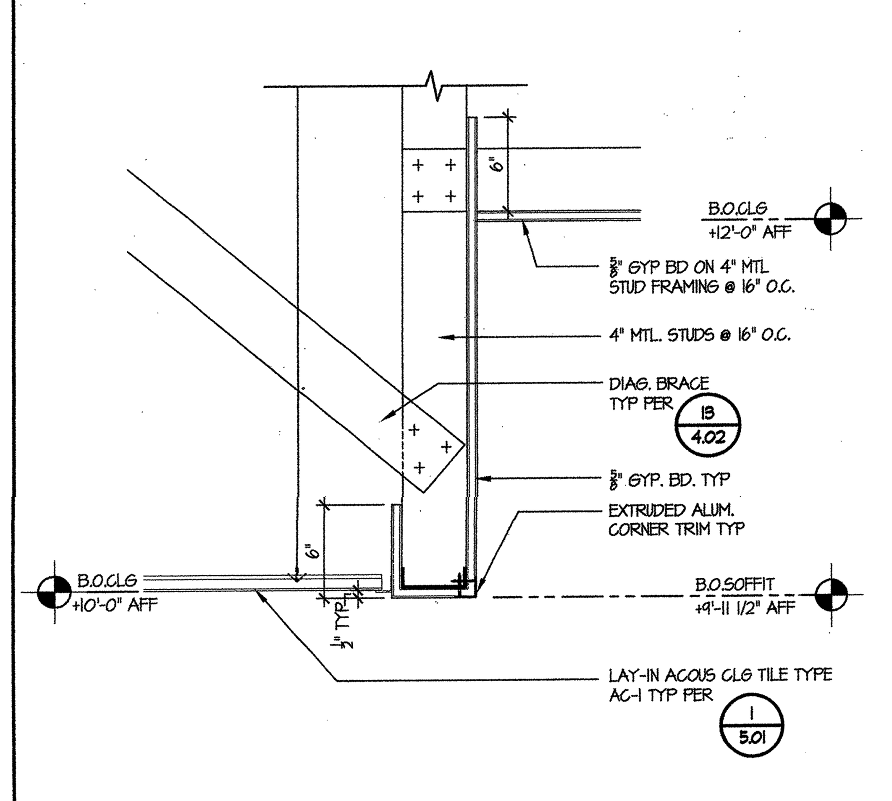
SOFFIT SHELF — SCALE: 1-1/2" = 1'-0" — 10



SECTION DETAIL AT PERIMETER FIXTURE — SCALE: 1-1/2" = 1'-0" — 6

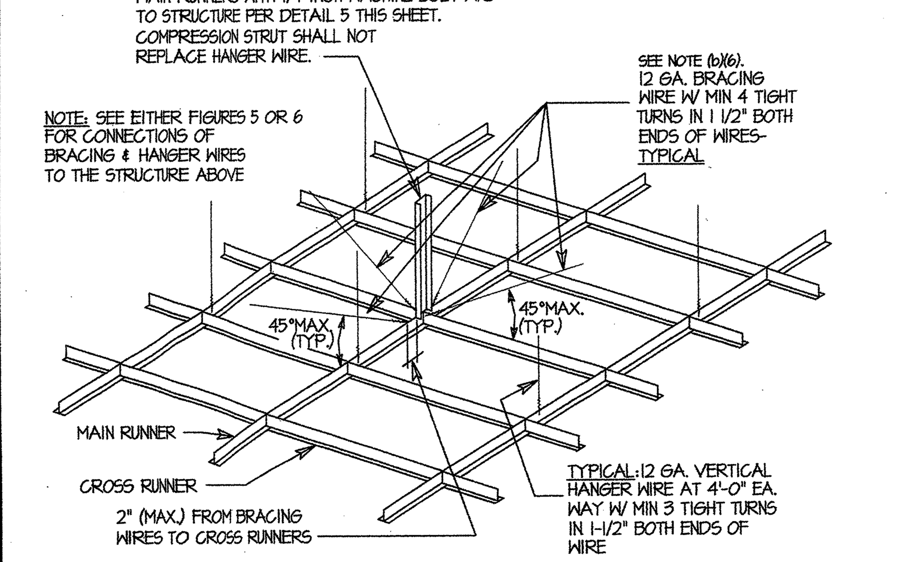


METAL LATH ATTACHMENT — SCALE: NTS — 7



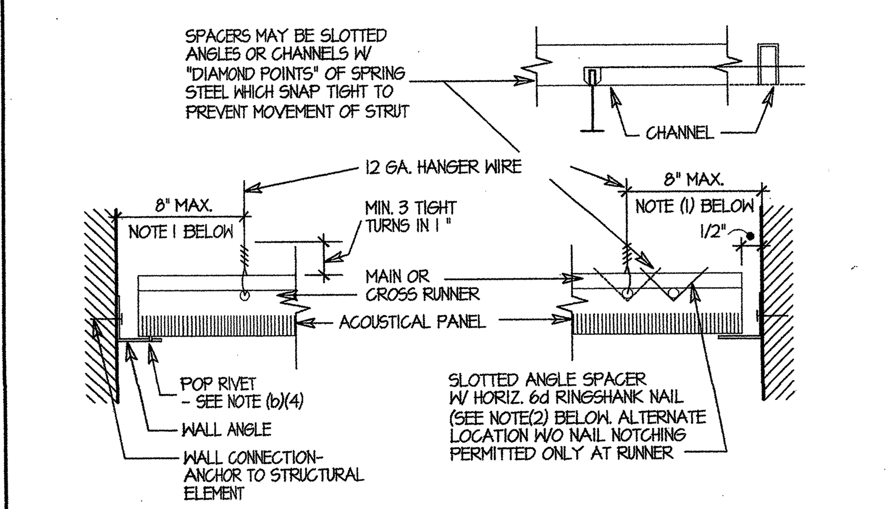
TYP. SOFFIT DETAIL AT PERIMETER WALL — SCALE: 1-1/2" = 1'-0" — 8

SEE NOTE (b)(6).
COMPRESSION STRUTS: PER DETAILS ATTACH TO MAIN RUNNERS WITH 1/4-INCH MACHINE BOLT AND TO STRUCTURE PER DETAIL 5 THIS SHEET. COMPRESSION STRUT SHALL NOT REPLACE HANGER WIRE.



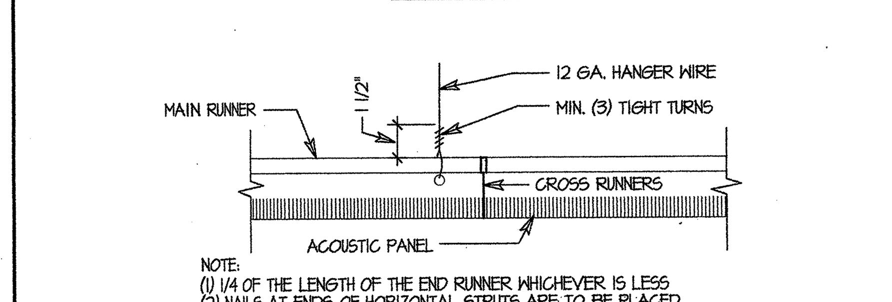
ATTACHMENT FOR ACOUSTICAL CEILING GRID

FIGURE NO. 1



HORIZONTAL STRUT - TYPICAL (SEE NOTE (b)5)

DETAIL (A)

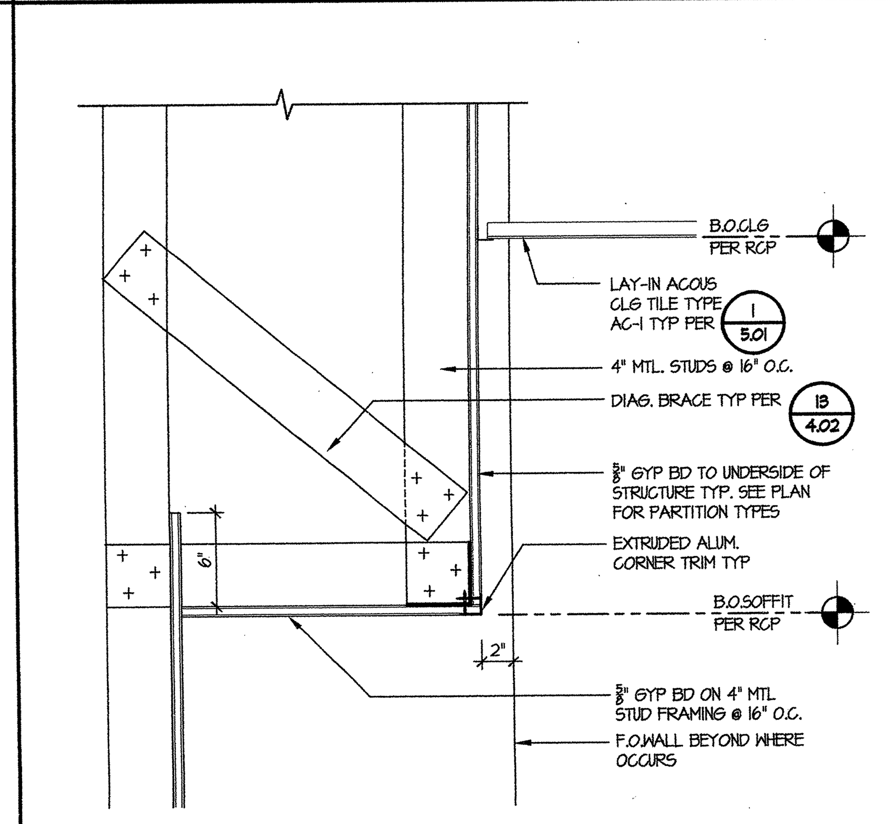


NOTE:
(1) 1/4 OF THE LENGTH OF THE END RUNNER WHICHEVER IS LESS
(2) NAILS AT ENDS OF HORIZONTAL STRUTS ARE TO BE PLACED WITH NAIL HEAD TOWARD CENTERLINE OF SPAN OF STRUT.

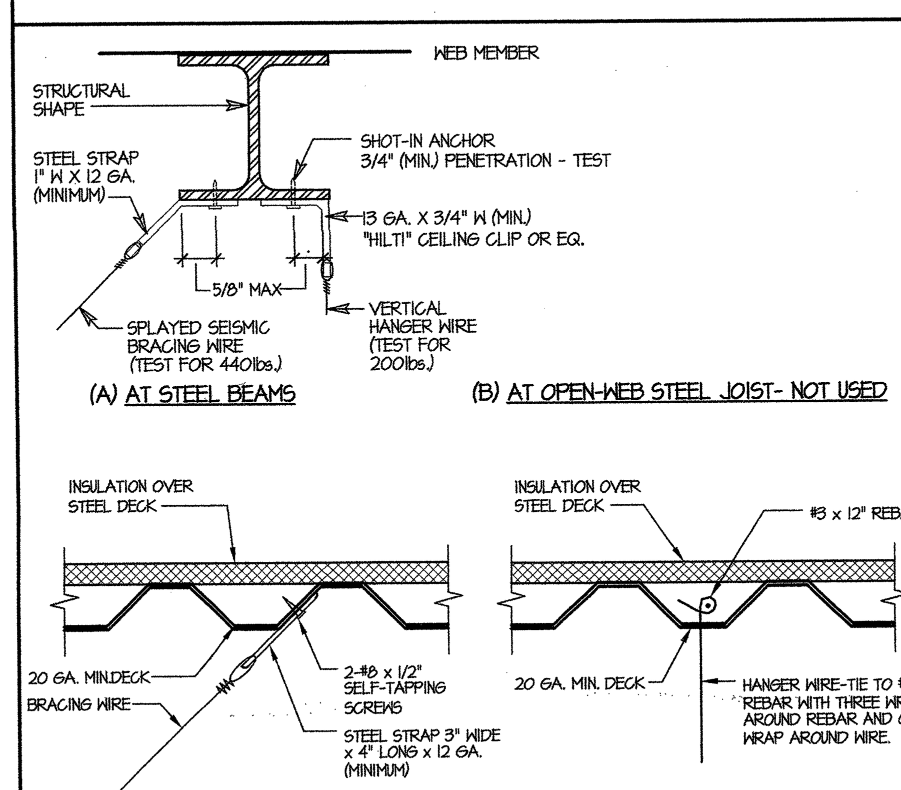
HANGER WIRE CONNECTION TO GRID

DETAIL (B)

FIGURE NO. 2

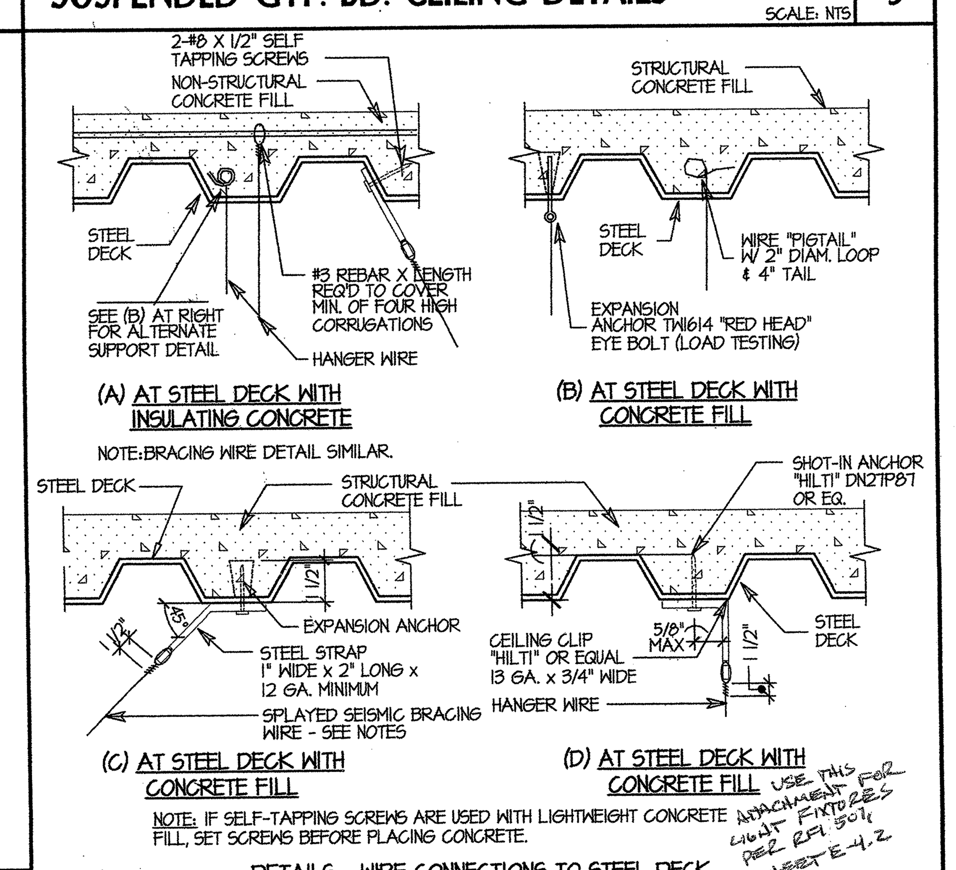


TYP. SOFFIT DETAIL — SCALE: 1-1/2" = 1'-0" — 13



DETAILS- WIRE CONNECTIONS TO STEEL FRAMING

FIGURE NO. 5



DETAILS - WIRE CONNECTIONS TO STEEL DECK

FIGURE NO. 6

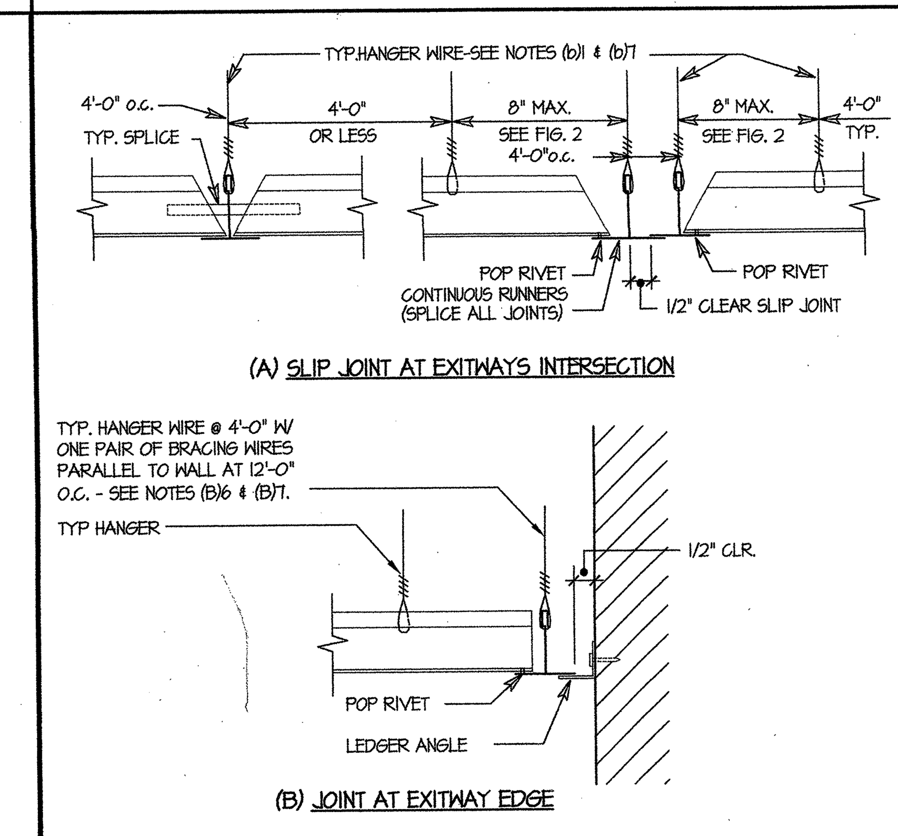
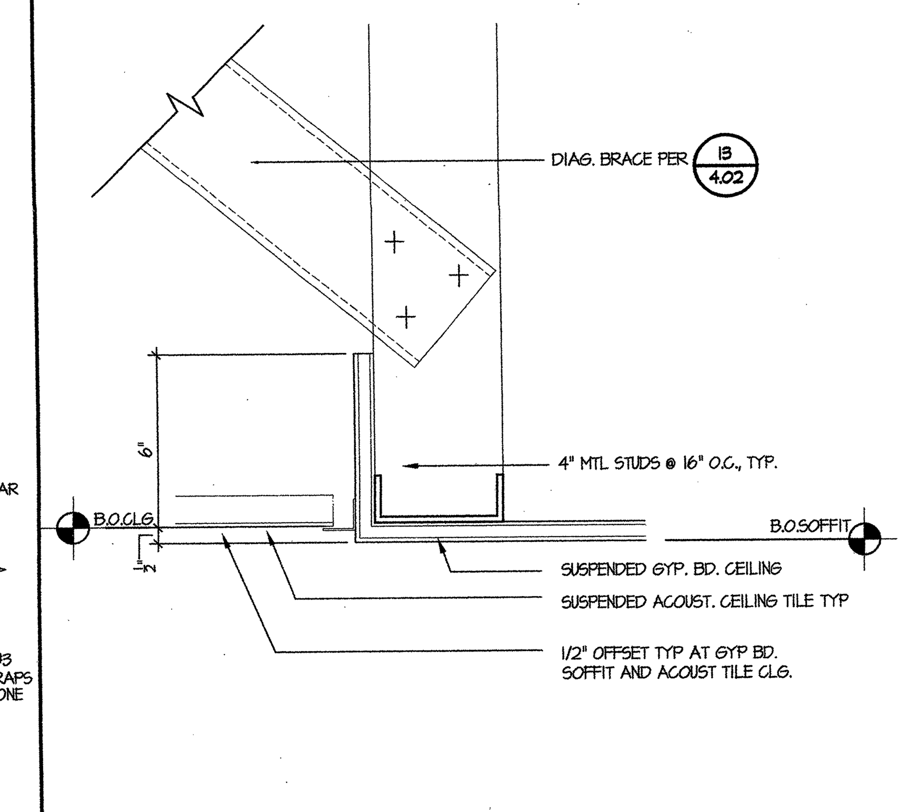


FIGURE NO. 7



TYP. GYP. BD. CLG TO LAY-IN TILE DETAIL — SCALE: 3" = 1'-0" — 18

METAL SUSPENSION SYSTEMS FOR LAY IN PANEL CEILINGS

(a) GENERAL

REQUIREMENTS FOR DESIGN AND INSTALLATION OF SUSPENDED ACOUSTICAL CEILING SYSTEMS ARE CONTAINED IN UBC STANDARD NO. 25-2 AND IN SECTION 2502.

(b) CEILING NOTES

THE FOLLOWING NOTES WILL BE ACCEPTABLE IN CEILING SYSTEMS WHOSE TOTAL WEIGHT (INCLUDING AIR CONDITIONING GRILLES AND LIGHT FIXTURES) DOES NOT EXCEED FOUR (4) PSF. HEAVIER SYSTEMS AND THOSE SUPPORTING LATERAL LOADS FROM PARTITIONS WILL REQUIRE SPECIAL DESIGN DETAILS.

(1) 12 GAUGE MINIMUM HANGER WIRES MAY BE USED FOR UP TO AND INCLUDING 4'-0" X 4'-0" GRID SPACING ALONG MAIN RUNNERS.

(2) PROVIDE 12 GA. HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN 8" FROM THE SUPPORT OR WITHIN 1/4 OF THE LENGTH OF THE END TEE, WHICH EVER IS LEAST, FOR THE PERIMETER OF THE CEILING AREA. END CONNECTIONS FOR RUNNERS WHICH ARE DESIGNED AND DETAILED TO RESIST THE APPLIED HORIZ. FORCES MAY BE USED IN LIEU OF THE 12 GA. HANGER WIRES.

(3) PROVIDE TRAPEZE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO MAIN HANGER SPACING. PROVIDE ADDITIONAL HANGER STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS, OR DISCONTINUOUS AREAS. HANGER WIRES THAT ARE MORE THAN 1 IN 6 OUT OF PLUMB ARE TO HAVE COUNTER-SLOPING WIRES.

(4) CEILING GRID MEMBERS MAY BE ATTACHED TO NOT MORE THAN 2 ADJACENT WALLS. CEILING GRID MEMBERS SHOULD BE AT LEAST 1/2 INCH FREE OF OTHER WALLS. IF WALLS RUN DIAGONALLY TO CEILING GRID SYSTEM RUNNERS, ONE END OF THE MAIN AND CROSS RUNNERS SHOULD BE FREE AND A MINIMUM OF 1/2 INCH CLEAR OF THE WALL.

(5) AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STRUT OR A 16 GAUGE WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNER MAY BE USED. WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNER IS 12" OR LESS, THIS INTERLOCK IS NOT REQUIRED.

(6) AT CEILINGS OF GREATER THAN 144 SQ. FT. AND NOT SURROUNDED BY WALL TO THE STRUCTURE ABOVE, PROVIDE SETS OF FOUR 12 GAUGE SPLAYED BRACING WIRES ORIENTED 90 DEGREES FROM EACH OTHER AT THE FOLLOWING SPACING:

(A) PLACE SETS OF BRACING WIRES AT A SPACING NOT MORE THAN 12'-0" BY 12'-0" ON CENTER.

(B) PROVIDE BRACING WIRES AT LOCATIONS NOT MORE THAN 1/2 THE SPACINGS GIVEN ABOVE FROM PERIMETER WALL AND AT THE EDGE OF VERTICAL CEILING OFFSETS.

THE SLOPE OF THESE WIRES SHOULD NOT EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING AND SHOULD BE TAUT WITHOUT CAUSING THE CEILING TO LIFT. SPLICES IN BRACING WIRES ARE NOT PERMITTED.

(7) FASTEN HANGER WIRES WITH NOT LESS THAN 3 TIGHT TURNS. FASTEN BRACING WIRES WITH 4 TIGHT TURNS. MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1-1/2 INCHES. HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE WIRE ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE FORCES ACTING ON THE WIRE.
NOTE: WIRE TURNS MADE BY MACHINE WHERE BOTH STRANDS HAVE BEEN DEFORMED OR BENT IN WRAPPING CAN WAIVE THE 1-1/2 INCH REQUIREMENT, BUT THE NUMBER OF TURNS SHOULD BE MAINTAINED, AND BE AS TIGHT AS POSSIBLE.

(8) SEPARATE ALL CEILING HANGING AND BRACING WIRES AT LEAST 6 INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUIT, ETC. IT IS ACCEPTABLE TO ATTACH LIGHTWEIGHT ITEMS SUCH AS SINGLE ELCTRICAL CONDUIT NOT EXCEEDING 3/4" NOMINAL DIAMETER, TO HANGER WIRES USING CONNECTORS.

(9) WHEN DRILLED-IN CONCRETE ANCHORS OR SHOT-IN ANCHORS ARE USED IN REINFORCED CONCRETE FOR HANGER WIRES, 1 OUT OF 10 MUST BE FIELD TESTED FOR 200 POUNDS OF TENSION. WHEN DRILLED-IN CONCRETE ANCHORS ARE USED FOR BRACING WIRES, 1 OUT OF 2 MUST BE FIELD TESTED FOR 440 POUNDS IN TENSION. SHOT-IN ANCHORS IN CONRETE ARE NOT PERMITTED FOR BRACING WIRES.

(10) ATTACH ALL LIGHT FIXTURES TO THE CEILING GRID RUNNERS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURE.

(11) FLUSH OR RECESSED LIGHT FIXTURES AND AIR TERMINALS OR SERVICES WEIGHING LESS THAN 56 POUNDS MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF A HEAVY DUTY GRID SYSTEM BUT, IN ADDITION, THEY MUST HAVE A MINIMUM OF TWO 12 GAUGE SLACK SAFETY WIRES ATTACHED TO THE FIXTURE AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE. LIGHT FIXTURES MUST HAVE SLACK SAFETY WIRES AT EACH CORNER. ALL FLUSH OR RECESSED LIGHT FIXTURES AND AIR TERMINALS OR SERVICES WEIGHING 56 POUNDS OR MORE MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN 4 TAUT 12 GA. WIRES EACH ATTACHED TO THE FIXTURE AND TO THE STRUCTURE ABOVE REGARDLESS OF THE TYPE OF CEILING GRID SYSTEM USED. THE 4 TAUT 12 GAUGE WIRES INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE MUST BE CAPABLE OF SUPPORTING 4 TIMES THE WEIGHT OF THE UNIT.

(12) NOT NEEDED

(13) SUPPORT SURFACE MOUNTED LIGHT FIXTURES BY AT LEAST TWO POSITIVE DEVICES WHICH SURROUND THE CEILING RUNNER AND WHICH ARE SUPPORTED FROM THE STRUCTURE ABOVE BY A 12 GA. WIRE SPRING CLIPS OR CLAMPS THAT CONNECT ONLY TO THE RUNNER ARE NOT ACCEPTABLE. PROVIDE ADDITIONAL SUPPORTS WHEN LIGHT FIXTURES ARE 8 FEET OR LONGER.

(14) SUPPORT PENDANT MOUNTED LIGHT FIXTURES DIRECTLY FROM THE STRUCTURE ABOVE WITH HANGER WIRES OR CABLES PASSING THROUGH EACH PENDANT HANGER AND CAPABLE OF SUPPORTING 4 TIMES THE WEIGHT OF THE FIXTURE. SPECIAL DETAILS ARE NECESSARY FOR THIS CONDITION AT THE CEILING GRID.

CLASSIFICATION OF CEILING GRID IS HEAVY DUTY

(c) ADDITIONAL REQUIREMENTS FOR FIRE RATED CEILINGS.

(1) PROVIDE UNDERWRITER LABORATORY (U.L.) OR UBC DESIGN NUMBER OR STATE FIRE MARSHAL (SFM) LISTING NUMBER. THE COMPONENTS AND INSTALLATION DETAILS MUST CONFORM IN EVERY PARTICULAR WITH THE U.L. OR SFM APPROVAL FOR THE DESIGN NUMBER SPECIFIED. CUSTOM DESIGNS WHICH COMBINE COMPONENTS FROM DIFFERENT APPROVED DESIGNS BUT HAVE NOT BEEN TESTED AS A COMPLETE ASSEMBLY WILL NOT BE ACCEPTABLE.

(2) A SET OF 4 BRACING WIRES IS REQUIRED FOR EACH 96 SQUARE FEET. THE FIRST SET OF BRACING WIRES ARE REQUIRED NOT MORE THAT 4'-0" FROM EACH WALL. A MINIMUM OF ONE SET BRACING WIRES IS REQUIRED BETWEEN ANY TWO ADJACENT EXPANSION CUT-OUTS ON RUNNERS BEING BRACED.

(3) POP RIVETS, SCREWS, OR OTHER ATTACHMENTS ARE NOT ACCEPTABLE UNLESS SPECIFICALLY DETAILED ON THE DRAWINGS AND APPROVED BY U.L., SFM, AND CBC.

(d) LIST OF DSA PRODUCT APPROVALS FOR SUSPENDED ACOUSTICAL CEILING SYSTEMS

PA-008	TECTUM I AND TECTUM II - FOAM BOARD, ACOUSTICAL BOARD AND SUSPENDED CEILING TILE.
PA-022	ARMSTRONG CASSETTES 800 SERIES METAL CEILING SYSTEM
PA-026	CHICAGO METALLIC SUSPENDED CEILING SYSTEM
PA-030	USG INTERIOR DONN SUSPENDED CEILING GRID SYSTEM
PA-041	ARMSTRONG WORLD INDUSTRIES SUSPENDED CEILING SYSTEM
PA-078	METALINE, PLANTOSILE AND MAGNA T-CELL SUSPENDED CEILING SYSTEMS

NOTE: ALTERNATE MANUFACTURERS ABD SYSTEMS MAY BE SUBMITTED FOR REVIEW AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT.

tBP architecture planning interiors management
LICENSED ARCHITECT · RICHARD A. MANGUM, AIA · NO. C-8685 · REN. 12-31-05 · STATE OF CALIFORNIA
tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
AC — FLS — SS
DATE 1-11-05
FILE No. 7-C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number : 20247.00
file name: DTL-0501.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
CEILING DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:

5.01

sed)

1/16/2006

S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Architecture Planning Interiors Management

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Submittal #08, Dwg. 5.02, 9.01:

Change in scope for building insulation at gypsum board ceilings as indicated on detail 3/5.02, 6/5.02 and Finish Schedule 9.01 ceiling types as follows:

1. At detail 3/5.02, delete note "Sound Batt Insulation".

   Provide sound batt insulation and provide credit options for the following at Room #141:

   a. Insulate the entire ceiling of Room #141 – Lecture Hall as documented.

   b. Insulate the ceiling from South wall of Room #141 – Lecture Hall up to Grid "2". Provide acoustical separation wall on along Grid "2", from above ceiling to underside of structure per partition type 1/4.02 (similar).

2. At detail 6/5.02, note "Typical at GB-4 ceiling condition" to be deleted. Add new note as "Typical at GB-5 ceiling condition". i.e. Locations are to be only at Elevator Machine Rooms #150 and #238.Provide appropriate credit for reduced insulation locations. Provide credit for change in scope.

Issued By: Architect

Requested By: Architect, Owner

Reason: Clarification to scope of insulation required

Enclosures: None

cc: PBS.com

Distribution:

Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

tBP/Architecture 1000 Burnett Ave. Suite 140 Concord, CA. 94520 ph: 925.246.6419 fax: 925.246.6495

08/02/2006 14:57 FAX TBP ARCHITECTURE 002/007

Bulletin No.10F

tBP Architecture Planning Interiors Management

Date: 8/2/2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Details 9 &10/5.02 - Projector Mount Details

All projector mounts are by Starmedia in lieu of Details 9 &10/5.02 in Contract Documents and SKA-10A.5 to SKA-10A.7 in Bulletin #10A. Provide Credit for the removal of scope to the projector mounts by SJA.

See attached SKA-10F.1 and SKA-10F.2 for projector mount construction details. Details are provided by Starmedia AV vender of Contra Costa Community College District.

Issued By: Architect

Requested By: Owner

Reason: Clarification of Projector Mount Details.

Enclosures: SKA-10F.1, SKA-10F.2, Cut sheets of B-line Products

LICENSED ARCHITECT RICHARD A. MANGUM No. C-8685 REN. 12-31-07 STATE OF CALIFORNIA

Distribution:

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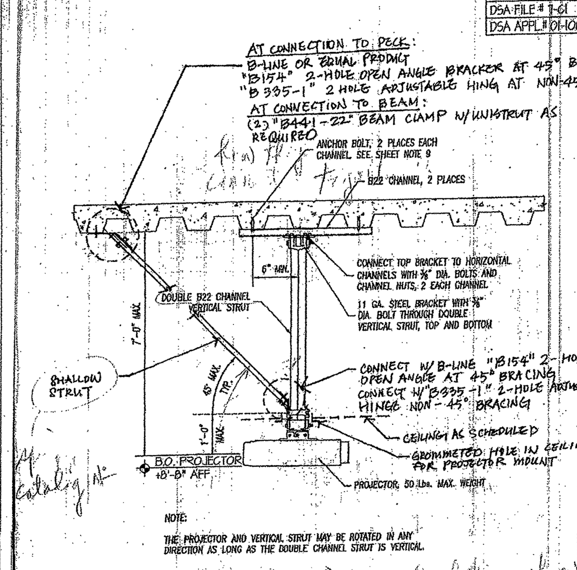
1 copy	Cherry Li-Bugg	Los Medanos College
1 copy	Veronica Roussel	Starmedia Consultant
1 copy	Richard Cate	RFD
1 copy	Fai Auyoung	DSA

Action:
- ☐ For Information/Clarification only
- ☒ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☒ Requires DSA review and approval
- ☐ Proceed as authorized by District

1000 Burnett Ave. Suite 140 Concord, CA. 94520 ph: 925.246.6419 fax: 925.246.6495

08/02/2006 14:57 FAX TBP ARCHITECTURE 003/007

BULLETIN #10F
DSA FILE # 7-C1
DSA APPL # 01-106226

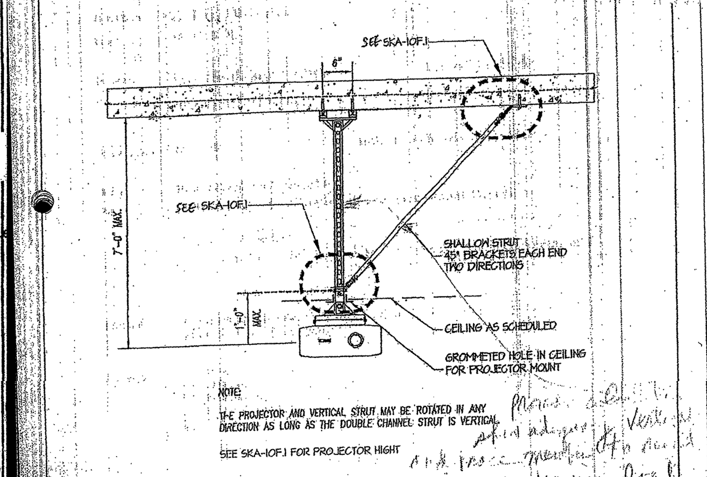


NOTE:
THE PROJECTOR AND VERTICAL STRUT MAY BE ROTATED IN ANY DIRECTION AS LONG AS THE DOUBLE CHANNEL STRUT IS VERTICAL.

SCIENCE BUILDING LOS MEDANOS COLLEGE Pittsburg CA Contra Costa Community College School District	ARCHITECT tBP/Architecture 1000 Burnett Ave, Suite 140 Concord, CA 94520 p: 925.246.6419 f: 925.246.6495
tBP architecture planning interiors management	LICENSED ARCHITECT RICHARD A. MANGUM No. C-8685 REN. 12-31-07 STATE OF CALIFORNIA
BULLETIN #10F DATE: 7/21/06 DSA NO. 01-106226 THIS REVISES IN PART SHEET: ---- SHEET: SKA-10F.1	

08/02/2006 14:57 FAX TBP ARCHITECTURE 004/007

BULLETIN #10F
DSA FILE # 7-C1
DSA APPL # 01-106226



NOTE:
THE PROJECTOR AND VERTICAL STRUT MAY BE ROTATED IN ANY DIRECTION AS LONG AS THE DOUBLE CHANNEL STRUT IS VERTICAL.

SEE SKA-10F.1 FOR PROJECTOR HIGHT

SCIENCE BUILDING LOS MEDANOS COLLEGE Pittsburg CA Contra Costa Community College School District	ARCHITECT tBP/Architecture 1000 Burnett Ave, Suite 140 Concord, CA 94520 p: 925.246.6419 f: 925.246.6495
tBP architecture planning interiors management	LICENSED ARCHITECT RICHARD A. MANGUM No. C-8685 REN. 12-31-07 STATE OF CALIFORNIA
BULLETIN #10F DATE: 7/21/06 DSA NO. 01-106226 THIS REVISES IN PART SHEET: ---- SHEET: SKA-10F.2	

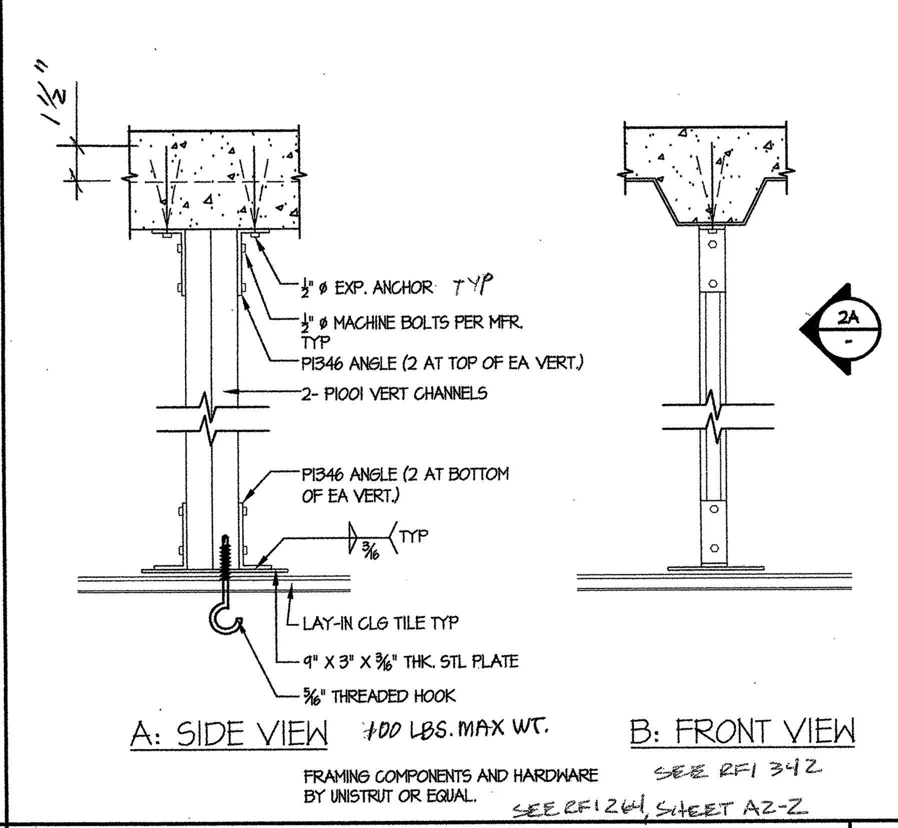
S. J. AMOROSO
Request For
Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

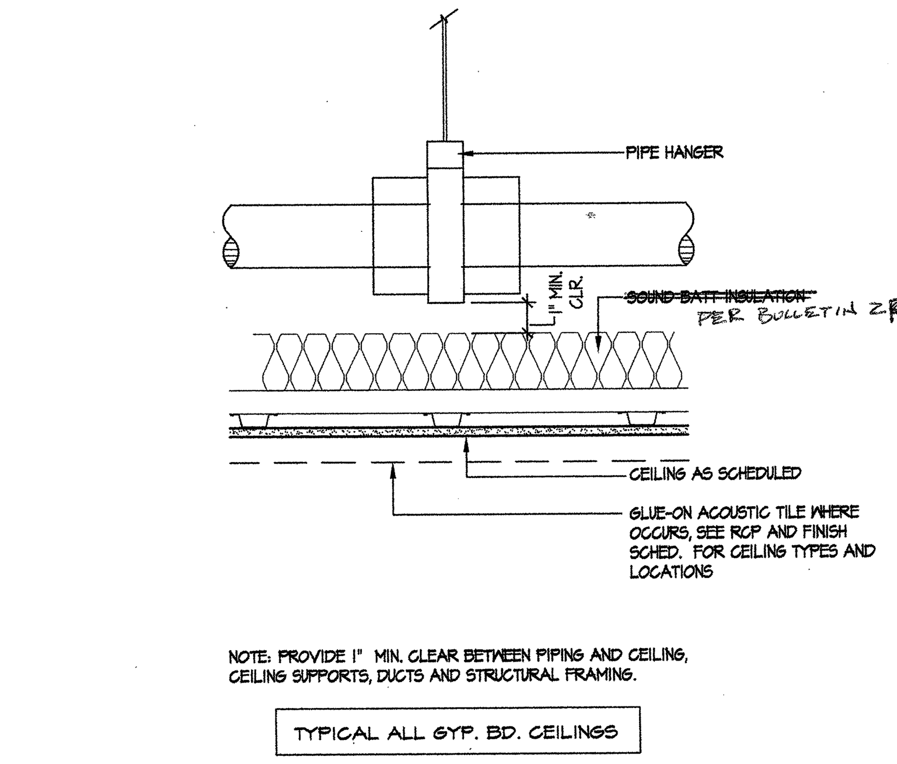
To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Lift point hook
RFI No: 342
Reference (dwg, spec.): 2/5.02

Response:
SUBSTITUTE 5/16 EYE BOLT FOR THREADED HOOK PER PLAN DETAIL 2/5.02.
10/2/06

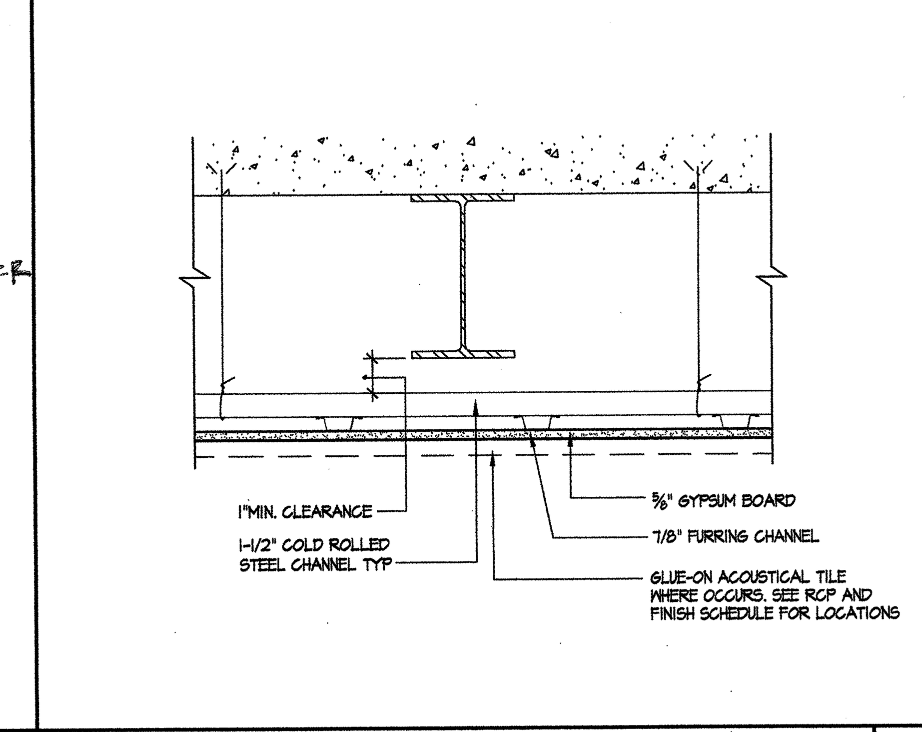
RFI # 000
Page 1



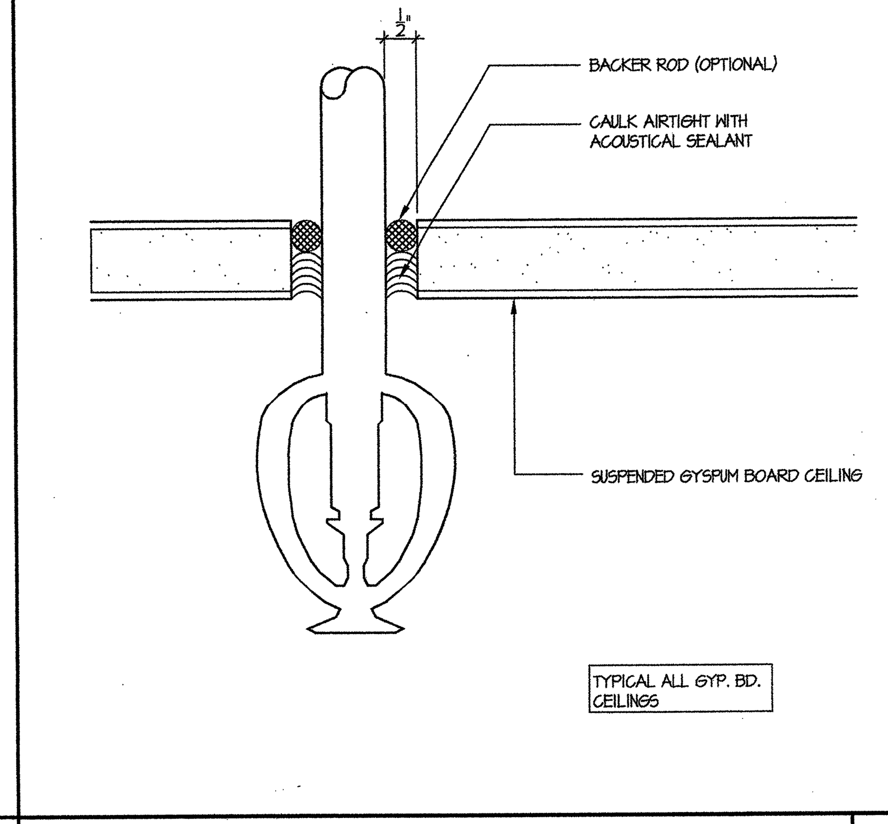
LIFT POINT SUPPORTS 2
SCALE: 1-1/2" = 1'-0"



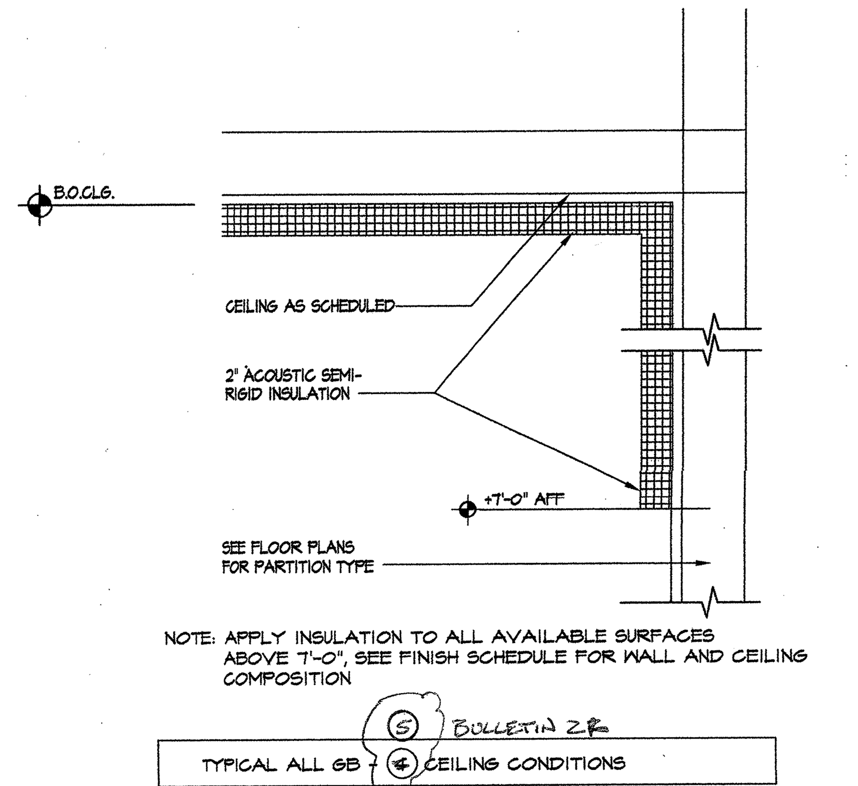
TYP. HORIZONTAL PIPING RUN 3
SCALE: 1-1/2" = 1'-0"



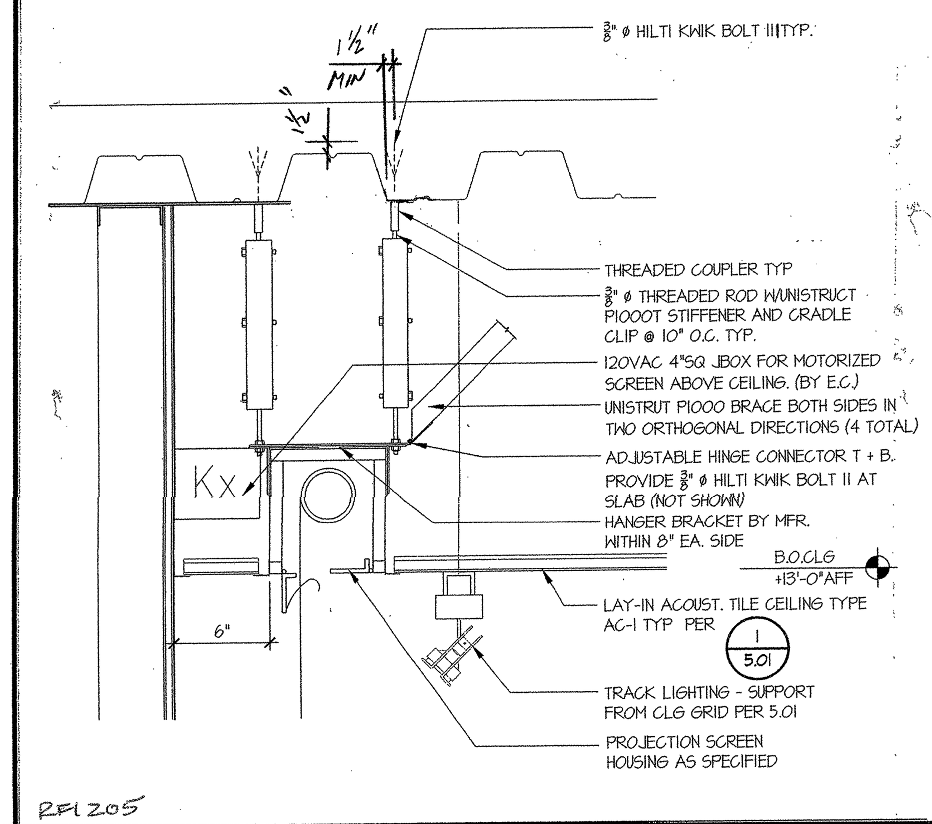
SUSPENDED GYP. BD. CEILING (G.B. TYPE 3) 4
SCALE: 1-1/2" = 1'-0"



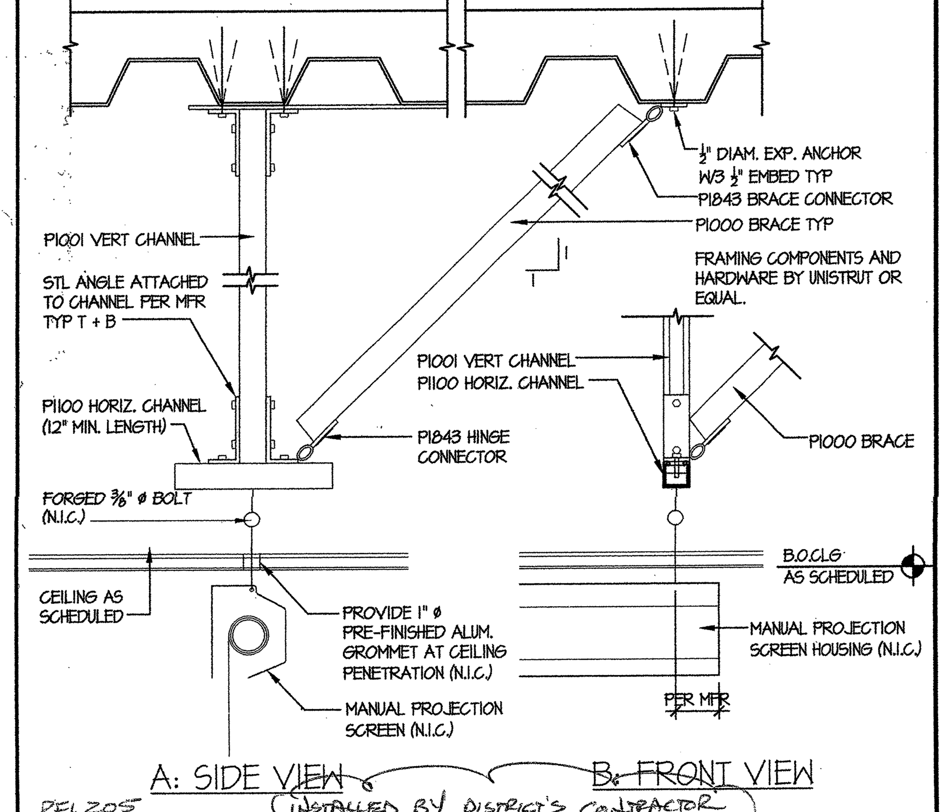
SPRINKLER PENETRATION @ GYP. BD. CLGS. 5
SCALE: N.T.S.



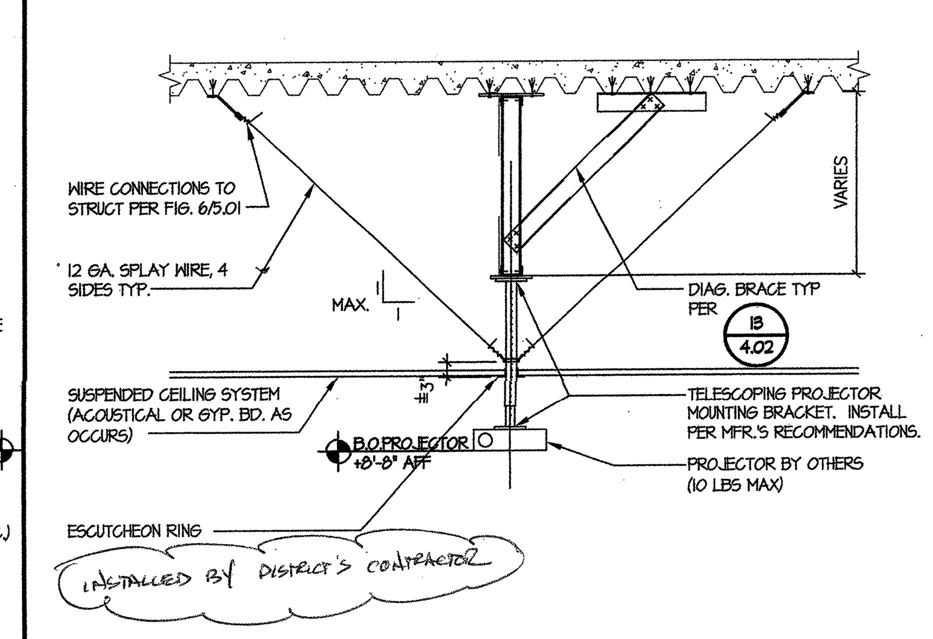
TYP. BLACK-FACED INSUL PANEL 6
SCALE: 1-1/2" = 1'-0"



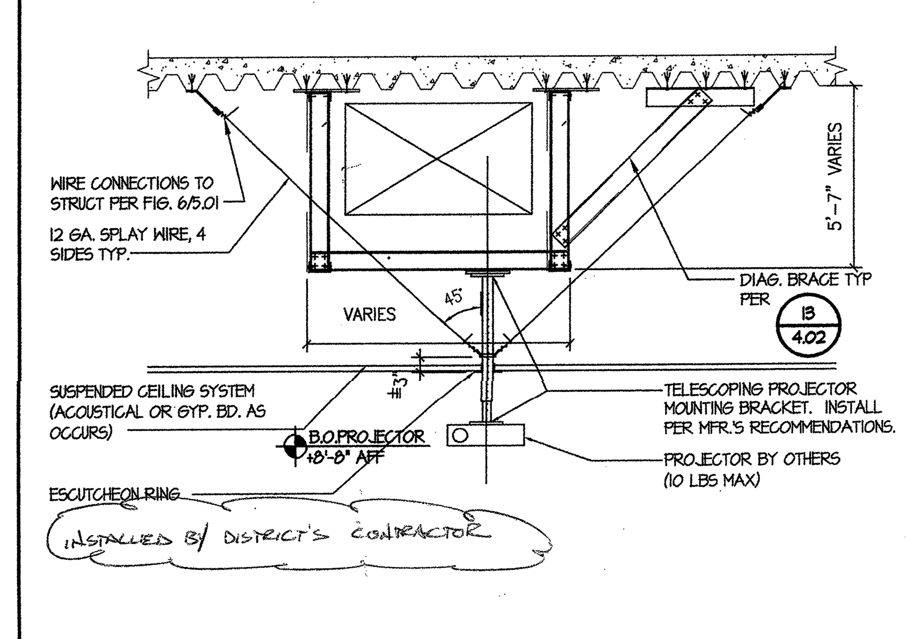
MOTORIZED PROJECTION SCREEN DETAIL 7
SCALE: 1-1/2" = 1'-0"



CLG. MTD. PROJECTION SCREEN 8
SCALE: 1-1/2" = 1'-0"



TYPICAL PROJECTOR MOUNTING 9
SCALE: N.T.S.



ALT. PROJ. MOUNTING @ OBSTRUCTION 10
SCALE: N.T.S.

E-MAILED

S. J. AMOROSO
Request For
Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Subj.: Manual vs. motorized projection screens
RFI No: 205
Reference (dwg, spec.): 11132, Bulletin 10A, 10B and 10C, details 7 & 8/5.02

Response: CONTRACTOR REQUESTED TO CREDIT FOR ELIMINATING MOUNTING & SWITCH. ... WE DID NOT ASK FOR CREDIT FOR SCREEN - AND THERE IS NO EXCEPTION TO MANUAL SCREENS.

Transmittal record: S.J. AMOROSO; tBP / ARCHITECTURE; ENGINEER/CONSULTANT; ORIGINATOR

RFI # 000
Page 1

cc: BH SCOTT

S. J. AMOROSO
Request For
Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

Subj.: Bulletin 10A projector mounts
RFI No: 246
Reference (dwg, spec.): Bulletin 10A, item 2

Response: REQUEST CPE PROPOSAL TO CREDIT OWNER FOR PROJECTOR MOUNTS AND METAL STUD FRAMING SUPPORT FOR ATTACHMENT OF PROJECTOR MOUNT AT EARLIEST DATE POSSIBLE.
Date: 6/26/06

S. J. AMOROSO
Request For
Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

Subj.: Telescoping projector mounts
RFI No: 203

Suggested solution: Clarity in communication

S. J. AMOROSO
Request For
Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

Subj.: Bulletin 10A projector mount options
RFI No: 247
Reference (dwg, spec.): Bulletin 10A, item 2

Response: SEE RESPONSE TO RFI # 246

RFI # 000
Page 1

S. J. AMOROSO
Request For
Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

Subj.: Telescoping projector bracket
RFI No: 212
Reference (dwg, spec.): 9 & 10/5.02

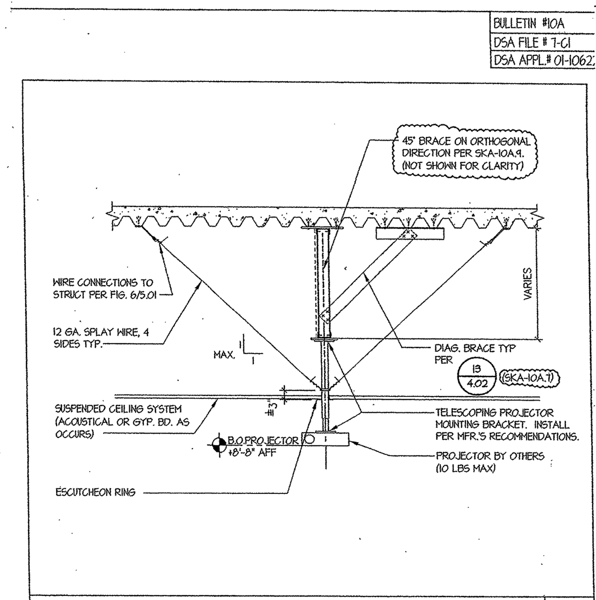
RFI # 000
Page 1

Bulletin No.10A

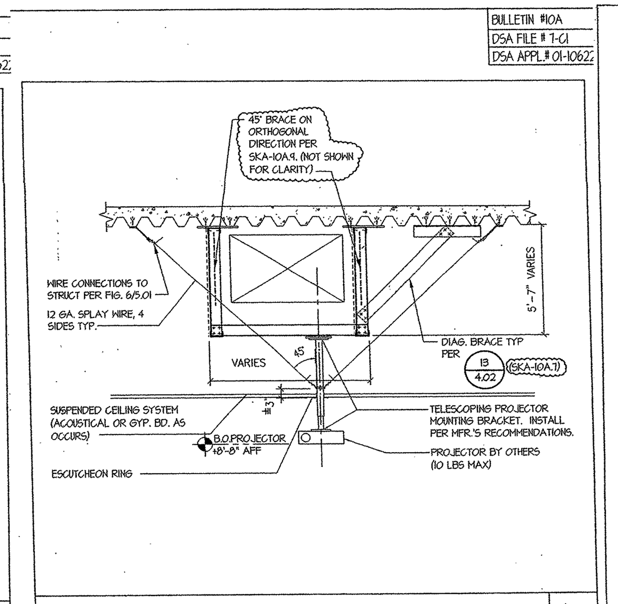
To: S.J. Amoroso Construction
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District

Description:

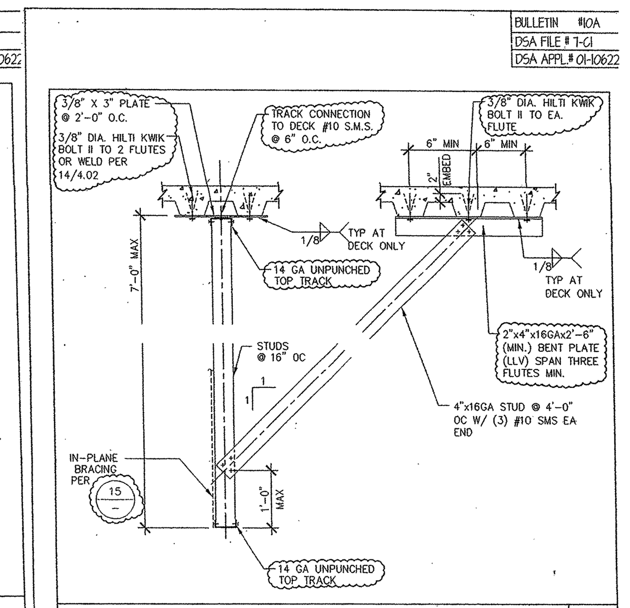
BULLETIN # 10A
LOS MEDANOS COLLEGE



TYPICAL PROJECTOR MOUNTING 9



ALT. PROJ. MOUNTING @ OBSTRUCTION 10



BRACE DETAIL 13

tBP architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p. 925.246.6419 f. 925.246.6495

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Regional Office
1515 Clay St., Suite 1201
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p. 415-396-9500 f.

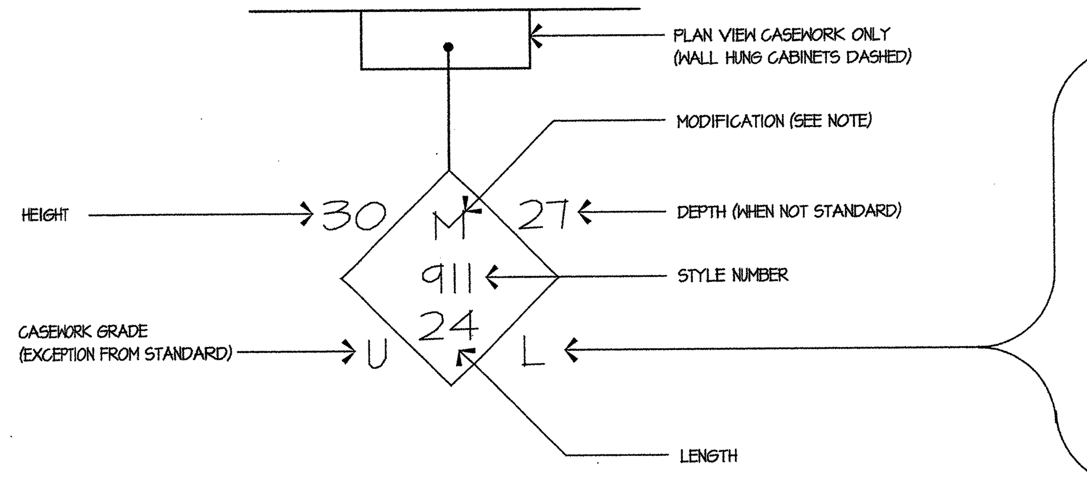
SCIENCE BUILDING
LOS MEDANOS COLLEGE
Contra Costa Community College District

tBP project number: 20247.00
file name: DTL-0502.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004
Rev: date: description:

drawing title:
CEILING DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
5.02

SYMBOLS AND NOTATIONS FOR CABINETS



SYMBOL NOTATIONS

- C - CHALKBOARD ON BACK
- CD - CHALKBOARD ON DOOR
- ML - METAL LEGS TO REPLACE CASTERS
- WL - WOODEN LEGS TO REPLACE CASTERS
- G - GLIDES TO REPLACE CASTERS
- L - LOCKS REQUIRED AT ALL DOORS AND/OR DRAWERS IN CABINETS
- M - MODIFICATION TO STYLE ONLY
- RS - REVERSE SWING OF DOOR FROM THAT SHOWN ON DETAIL SHEETS
- T - TACKBOARD ON BACK
- TD - TACKBOARD ON DOOR
- X - IN LIEU OF STYLE NO. INDICATES SPECIAL DESIGN NOT ILLUSTRATED ON DETAIL SHEETS
- 7 - SUFFIX ON 100 AND 200 SERIES CONVERTS BASE UNITS TO MOVEABLE UNITS

CASEWORK GRADES

- D - DELUXE (TYPICAL GRADE UNLESS NOTE OTHERWISE)
- U - UTILITY
- S - SUPREME
- LAB - LABORATORY

COUNTERTOP NOTATIONS

- LAM. PLAS. - LAMINATED PLASTIC
- HD. BD. - HARDBOARD
- HDWD. - HARDWOOD
- CST - COMPOSITION STONE
- LAB. GRADE - ACID-RESISTANT LAMINATED PLASTIC
- EP. RES. - EPOXY RESIN

INDEX

SERIES NO.	TYPE	STD. DIMENSION H"	STD. DIMENSION D"
100 - 199	BASE CABINETS	34	24
200 - 299	DRAWER BASE CABINETS	34	24
300 - 399	WALL HUNG CABINETS	30	12
400 - 499	TALL STORAGE CABINETS	84	24
500 - 599	TALL WARDROBE CABINETS	84	24
600 - 699	LIBRARY CABINETS - SHELVING	84	9
600 - 699	LIBRARY CABINETS - COUNTERS	42	24
700 - 799	MOVABLE CABINETS	-	-
800 - 899	SPECIAL DESIGN CABINETS	-	-
900 - 999	SCIENCE CABINETS	-	-
01 - 09	ADJUSTABLE SHELVES	30	12

NOTES

A. CASEWORK ONLY

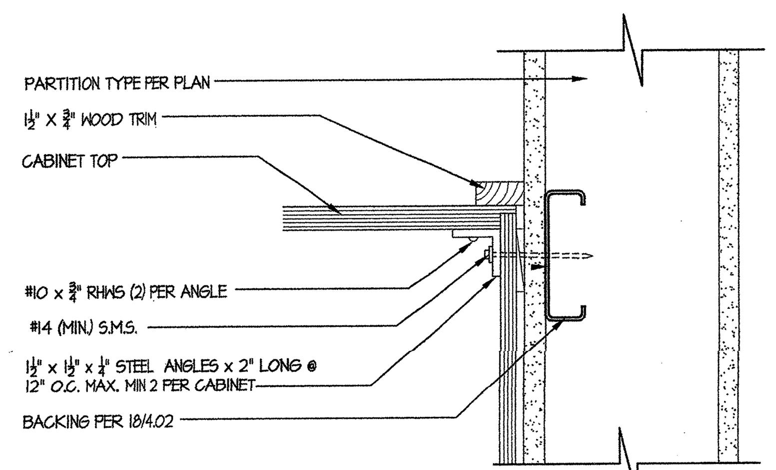
1. THOSE CABINETS CALLED OUT ON BUILDING INTERIOR ELEVATIONS AND FLOOR PLANS SHALL BE PROVIDED.
2. DOOR SWINGS SHALL BE AS SHOWN ON INTERIOR ELEVATIONS. IF NOT ELEVATED, SWINGS SHALL BE AS SHOWN ON DETAIL SHEET ILLUSTRATIONS. SYMBOL 'RS' INDICATES REVERSE SWING.
3. ALL CABINET DIMENSIONS INDICATED ARE NOMINAL OUTSIDE DIMENSIONS, AND SHALL NOT BE EXCEEDED; (EXCEPTION - CABINETS ADJACENT TO WALLS MAY BE INCREASED IN LENGTH TO ELIMINATE THE NEED FOR FILLER STRIPS). A 3/4" TOLERANCE IS PERMITTED ON DIMENSIONS OVER 48". FOR 48" AND SMALLER DIMENSIONS, TOLERANCE IS LIMITED TO 1 1/2". HEIGHT DIMENSION OF BASE CABINETS INCLUDES FINISHED TOP.
4. ALIGN SIDE OF CABINET WITH EDGE OF DOOR FRAME WHERE OCCURS.
5. PAPER AND CHART STORAGE UNITS SHALL BE 27" DEEP UNLESS OTHERWISE NOTED.

B. COUNTERTOPS AND BACKSPLASHES

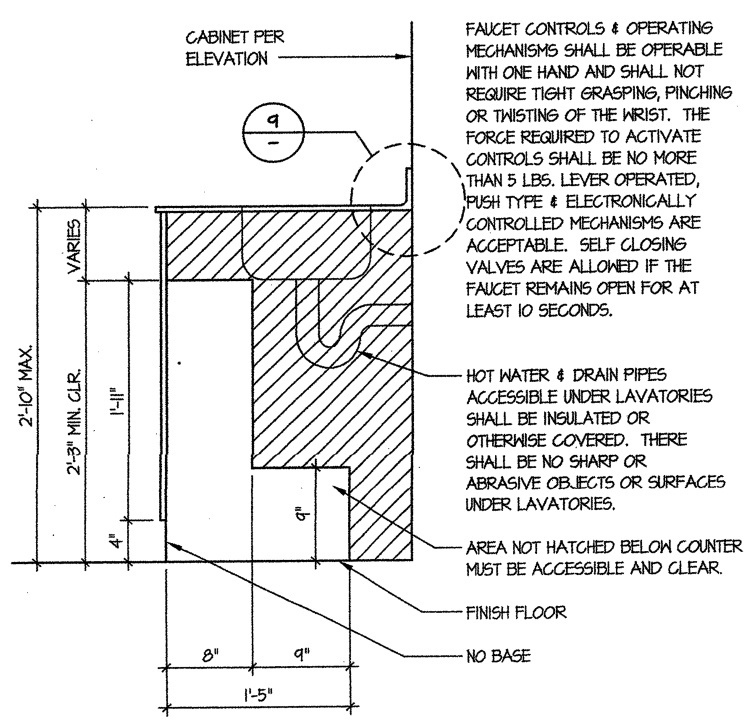
1. WHERE BACKSPLASH IS INDICATED, IT SHALL BE 4" HIGH @ NON-SINK AREAS & 6" HIGH OR TO UNDERSIDE OF UPPER CABINETS @ WET AREAS (SEE INTERIOR ELEVATIONS), TOP MOUNTED TYPE, HAVING SQUARE TOP WITH SHELF EDGE.
2. TYP. AT ALL LABS, PREP/STOCK ROOMS: EPOXY RESIN COUNTERTOPS WITH TOPSET SIDE AND BACKSPLASH WITH EASED EDGE.
3. PLASTIC LAMINATE COUNTERTOPS AS INDICATED IN DETAILS 15, 19 AND 20 THIS SHEET.

C. GENERAL NOTES

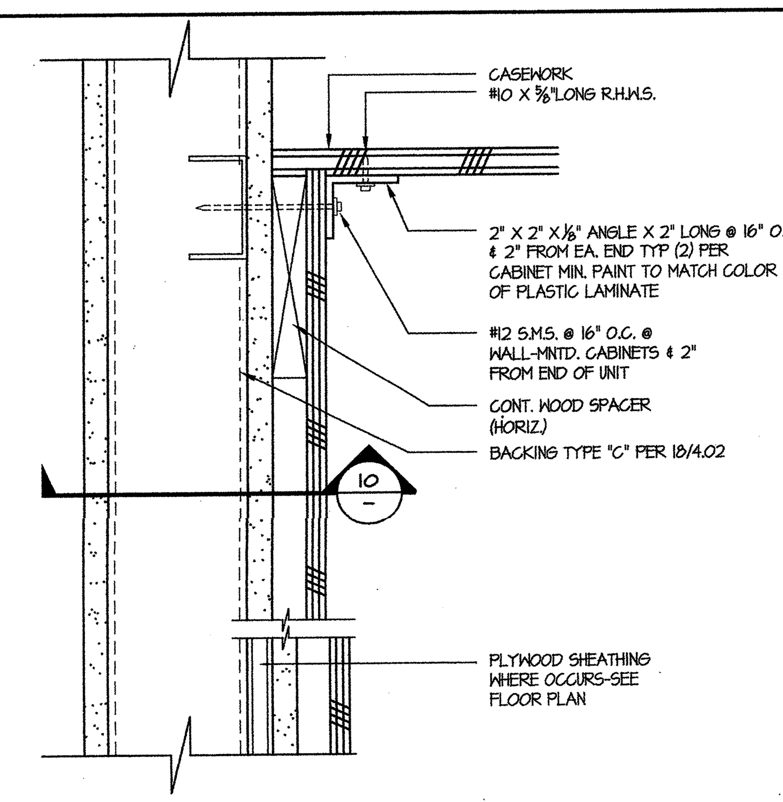
1. ALL CASEWORK WITH SINKS SHALL HAVE NO BASE FOR ADA ACCESSIBILITY, AS INDICATED



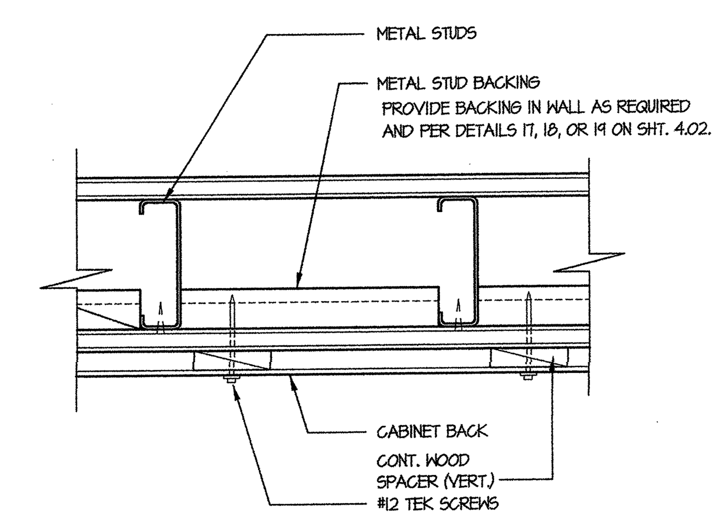
UPPER CABINET ATTACHMENT — SCALE: 3" = 1'-0" — 7



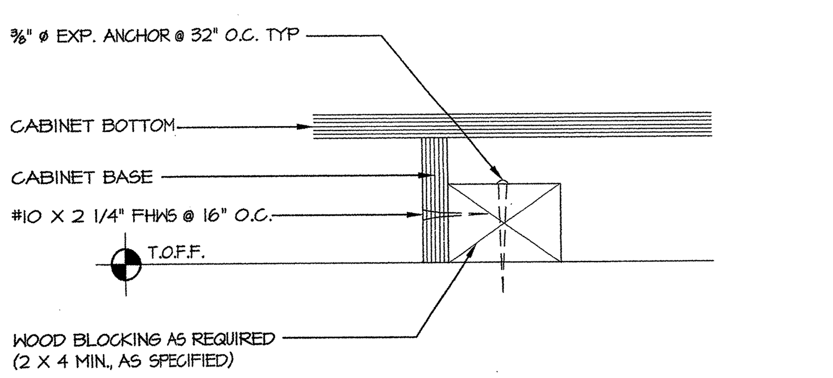
ADA ACCESSIBLE SINK — SCALE: NTS — 8



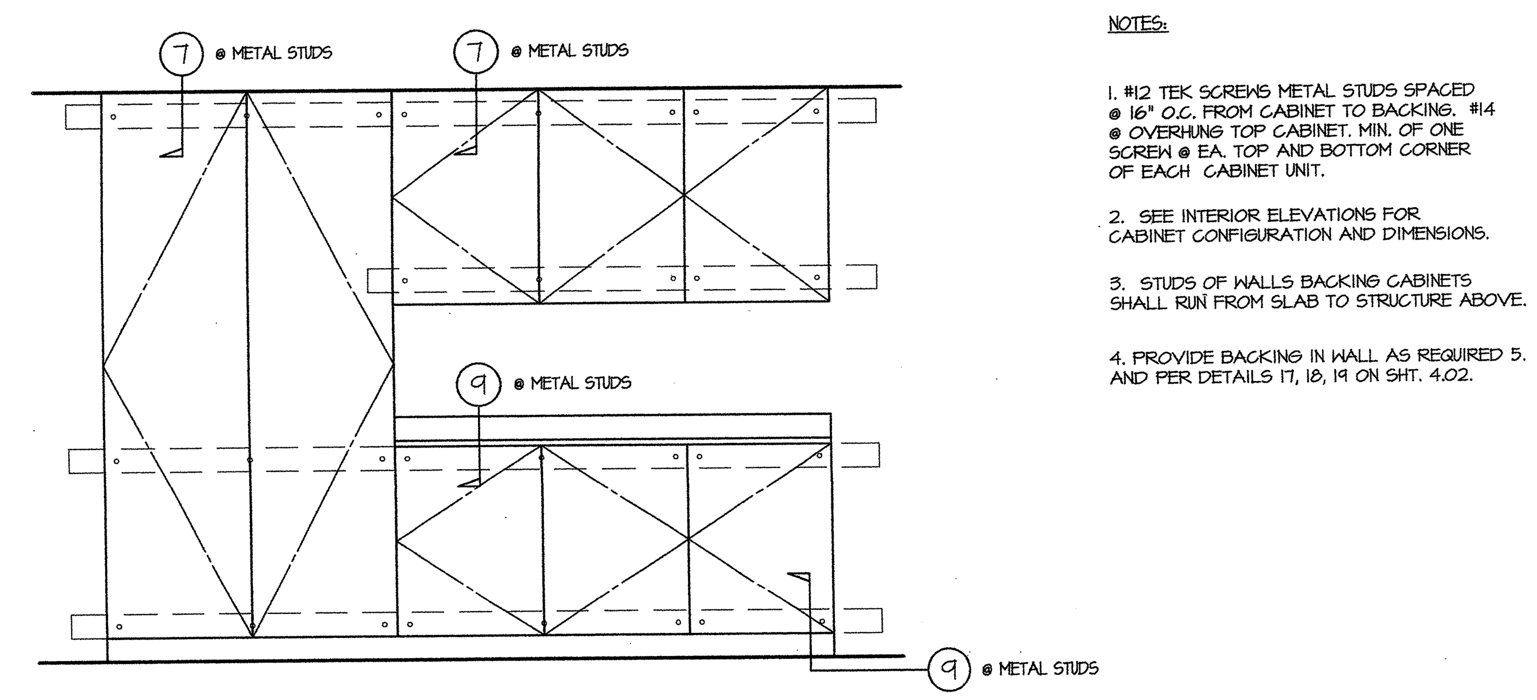
SECTION - CABINET BACKING — SCALE: 3"=1'-0" — 9



PLAN - CABINET BACKING — SCALE: 3"=1'-0" — 10



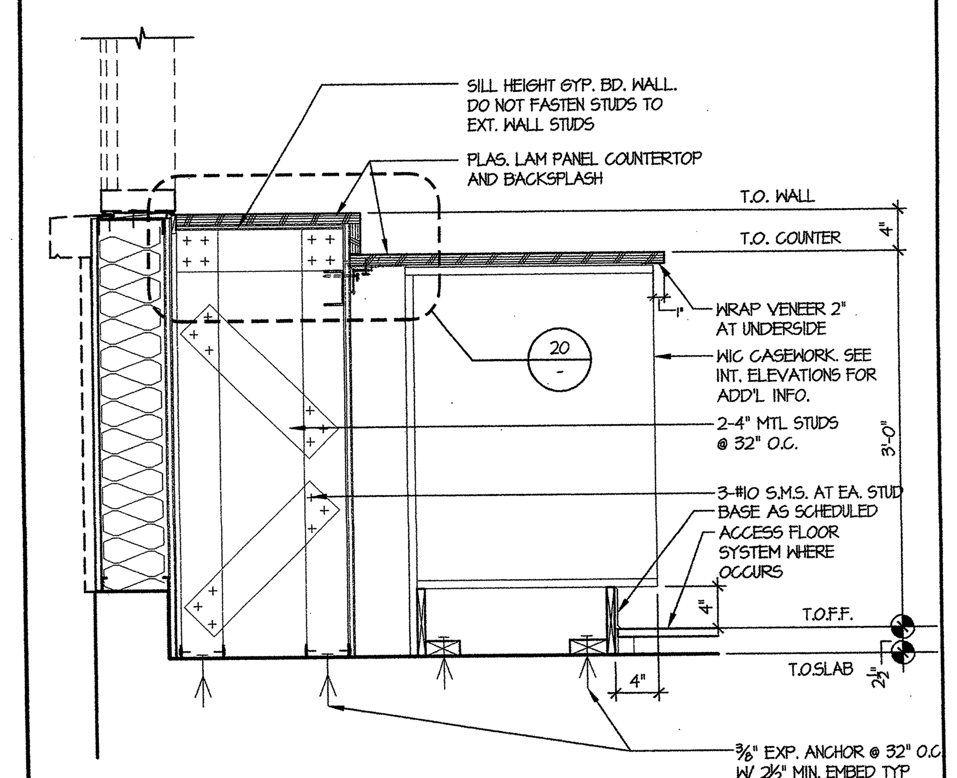
CABINET BASE DETAIL — SCALE: 3" = 1'-0" — 11



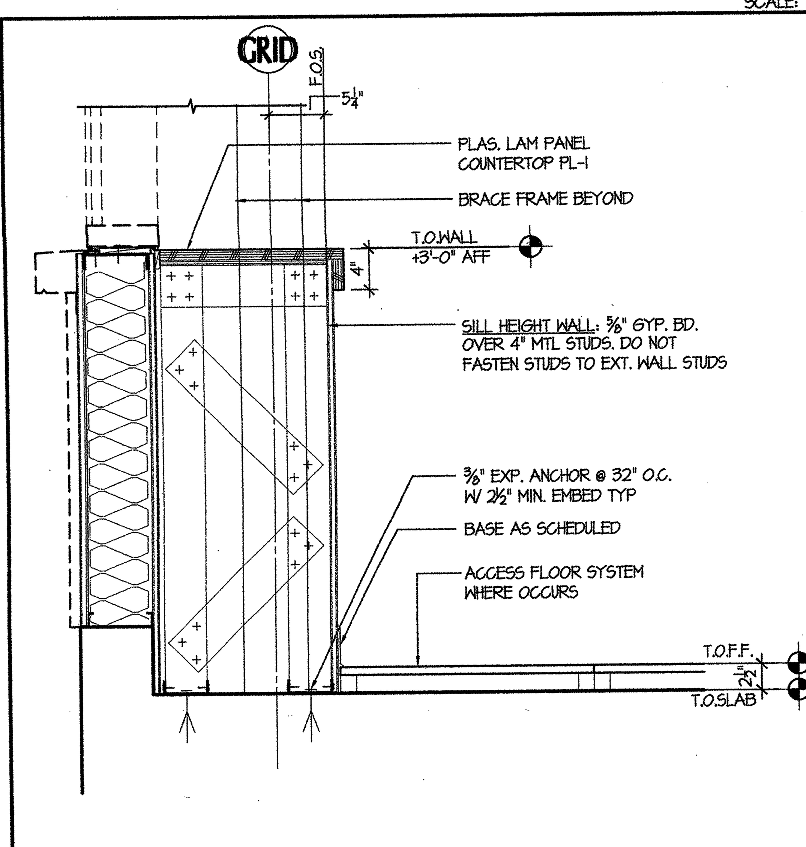
NOTES:

1. #12 TEK SCREWS METAL STUDS SPACED @ 16" O.C. FROM CABINET TO BACKING. #14 @ OVERHUNG TOP CABINET. MIN. OF ONE SCREW @ EA. TOP AND BOTTOM CORNER OF EACH CABINET UNIT.
2. SEE INTERIOR ELEVATIONS FOR CABINET CONFIGURATION AND DIMENSIONS.
3. STUDS OF WALLS BACKING CABINETS SHALL RUN FROM SLAB TO STRUCTURE ABOVE.
4. PROVIDE BACKING IN WALL AS REQUIRED 5. AND PER DETAILS 17, 18, 19 ON SHT. 4.02.

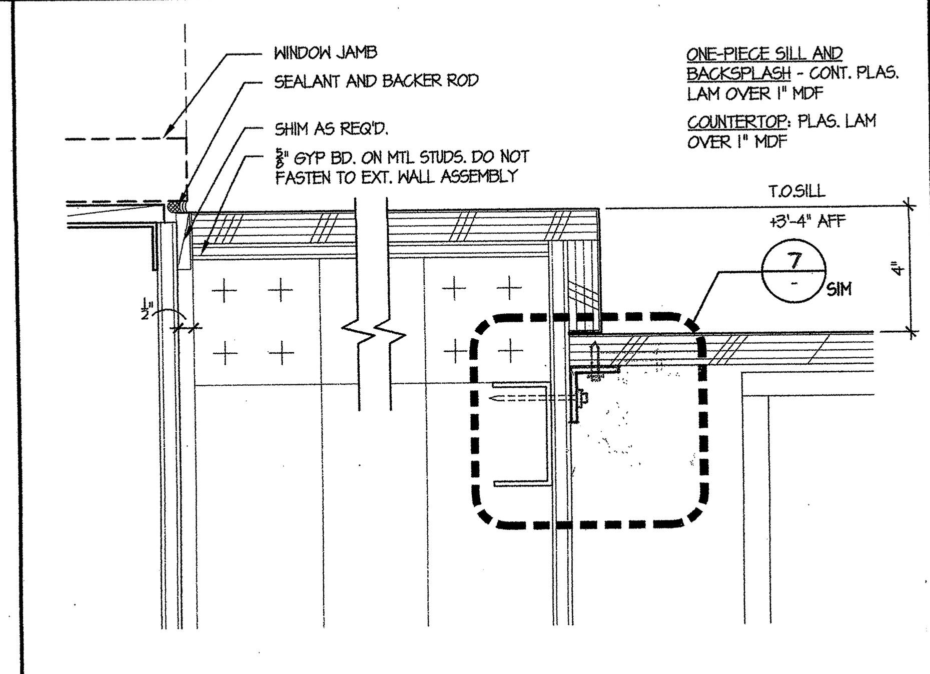
TYP. CABINET ELEVATION - BACKING AND ANCHOR DETAILS — SCALE: NTS — 14



CABINET SECTION AT LOW WALL — SCALE: 1" = 1'-0" — 15



SECTION AT LOW WALL — SCALE: 1" = 1'-0" — 19



SILL DETAIL — SCALE: 3" = 1'-0" — 20

architecture planning interiors management

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LICENSED ARCHITECT - STATE OF CALIFORNIA

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FILE No 7-C3

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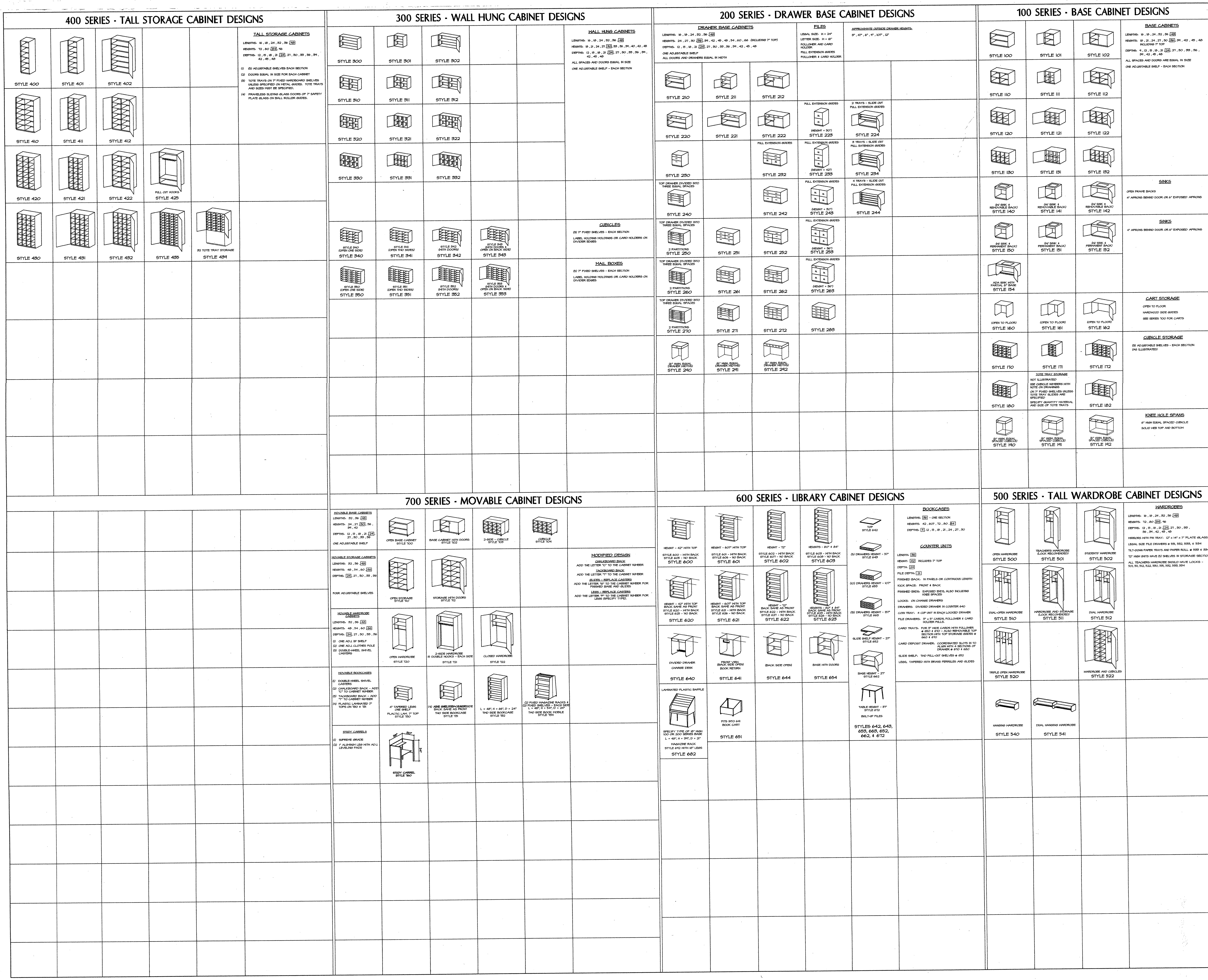
SCIENCE BUILDING LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number: 20247.00
file name: DTL-0601.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
TYPICAL CASEWORK DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
6.01



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SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number :	20247.00
file name:	DTL-0602.DWG
drawn by: -	checked by: -
date:	NOVEMBER 15, 2004 1:1

Rev.	date:	description:

drawing title:
W.I.C. CABINET DESIGNS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:
6.02

C-PE 56

Bulletin No.29

Date: May 4, 2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: **LOS MEDANOS COLLEGE SCIENCE BUILDING**
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

tBP Architecture Planning Interiors Management

Description:

REFERENCE: Sheet 7.01, Submittal #81:

Revision to flashing at roof AHU curb on detail 4/7.01 per SKA-29.1. Note that flashing at this location was not submitted as part of Submittal #81.

Contractor to advise if this flashing is part of scope of work by Air Systems Inc. or another sub. If so, please provide submittal of this flashing.

Issued By: Architect

Requested By: Architect

Reason: Clarification of flashing at AHU curb

Enclosures: SKA-29.1

Distribution:

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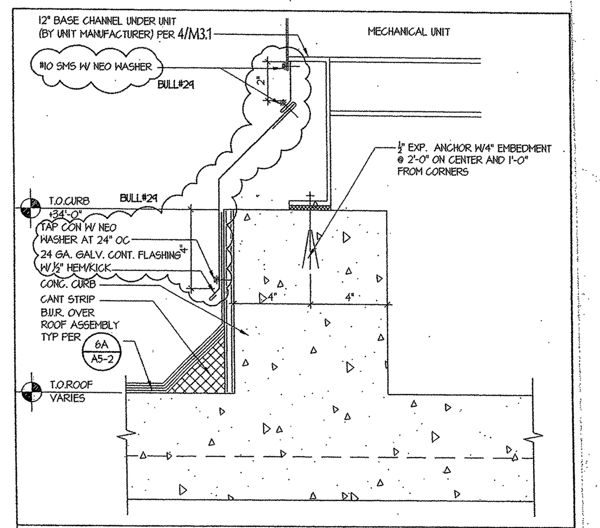
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

Action:
- ☒ For Information/Clarification only
- ☐ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☐ Requires DSA review and approval
- ☐ Proceed as authorized by District

CC: MONTEREY
: AIR SYSTEMS
: WESTERN ROOFING

BULLETIN #29
DSA FILE # 7-C1
DSA APPL.# 01-1062



MECH. EQUIPMT. CURB DETAIL — 4 — SCALE: 3" = 1'-0"

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District

ARCHITECT
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Concord, CA 94520
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tBP architecture planning interiors management

BULLETIN #29
DATE: 5/4/06
DSA NO. 01-106226
THIS REVISES IN PAR
SHEET: 7.01
SHEET: SKA-29.1

Bulletin No.31

Date: May 1, 2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: **LOS MEDANOS COLLEGE SCIENCE BUILDING**
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

tBP Architecture Planning Interiors Management

Description:

REFERENCE: Submittal #72 Metal Wall Panels , Spec sections 07412, 07413, Submittal #60 HM frames, RFI# 42 and 42.1, Bulletins #6, #26:

Clarification to metal wall panels, parapets elevations, framing and concrete knee wall at Lecture Hall 141 as follows:

1. In order to achieve the "supergrid" of the Formawall panels at the Math building, with the alternating ½" and ¼" reveals, Pacific Erectors and tBP agreed to delete the 22" panel, retaining the 20" panel at the base, the standard 24" panel and the 27" parapet panel.

Submittal #72 shop drawings were marked up to delete the 22" panel.

When this panel is deleted, and a standard 24" panel is used at the high parapets, top of parapet is revised to +36'-6" per Submittal #72, sheets 205, 210, 217, 218 (ref. Stair #2 per Arch Dwgs. A6-4, North and South Entrances per Arch Dwgs. A6-3).

See SKA-31.1 for revision to typical parapet detail 17/7.01 (ref. also Bulletin #6 SKA-6.1). Revise top of parapet elevation at details 10/7.02 and 18/7.03 to +36'-6".

2. In order to maintain the standard 24" panel and 27" parapet relationship at the low roof locations, top of parapet is +18'-6" as noted on Submittal #72 shop drawings (sheets 206, 211). (ref. Arch. dwgs. A3-2 roof plan, elevation 2+3/A4-1, elevation 3/A4-2, wall sections 3+4/A6-6).

3. Note that top of parapet at lower roof above Stair #1 is +36'-3" in order to use the standard 24" panel and 3" parapet cap per Submittal #72, sheet 209.

4. Note that top of parapet at Lecture Hall 141 is +23'-3" as shown on 5-8/A6-5 and Submittal #72, sheet 216. Top of parapet elevation at details 2+6/7.02 are to be revised to match.

5. Storefront on west wall of Lecture Hall 141 was deleted in Addendum #1 and replaced with Formawall metal wall panels. Sheet 216 is to be revised to reflect this. Note that bottom two panels can be 20" panels as noted. Contractor to verify if bottom of panel will work with concrete kneewall as built.

CC: PACIFIC ERECTORS
: CONCORD DRYWALL
: CAPITOL GLASS
: WESTERN ROOFING
: MIGUEL

tBP/Architecture. 1000 Burnett Ave. Suite 140. Concord, CA. 94520. ph: 925.246.6419. fax: 925.246.6495

BULLETIN # 00
LOS MEDANOS COLLEGE SCIENCE BUILDING

6. Top of parapet elevation at Roof Observation Lobby is revised to +47'-5" per comments on Submittal #72, sheet 219. The 22" panel was deleted and HM frame at doors 302 and 303 are revised per Bulletin #26.

7. Contractor to coordinate top of stud height accordingly at all locations where top of parapet has been revised.

Issued By: Architect

Requested By: Architect

Reason: Review of metal panel shop drawings and coordination with metal stud framing.

Enclosures: SKA-31.1

Distribution:

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1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
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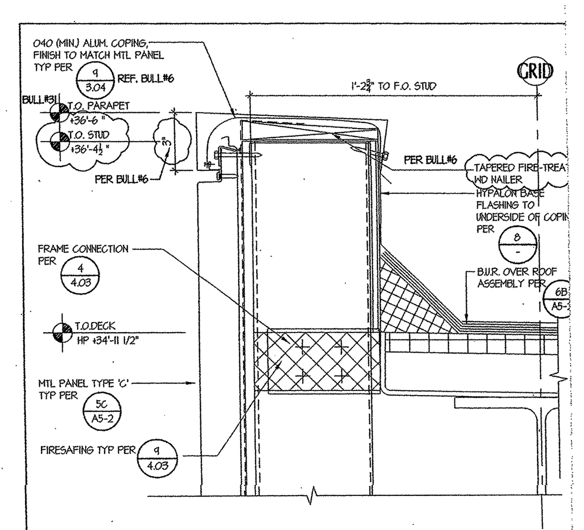
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

Action:
- ☒ For Information/Clarification only
- ☐ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☐ Requires DSA review and approval
- ☐ Proceed as authorized by District

BULLETIN #00
DSA FILE # 7-C1
DSA APPL.# 01-10



PARAPET DETAIL - MTL PANEL TYPE 'C' — 17 — SCALE: 3" = 1'-0"

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District

ARCHITECT
tBP/Architecture
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Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

tBP architecture planning interiors management

BULLETIN #31
DATE: 5/3/06
DSA NO. 01-1062
THIS REVISES IN P
SHEET: 7.01
SHEET: SKA-3

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Support for roofing materials

RFI No: **357**

Reference (dwg, spec.): 15/7.01

Subcontractor RFI:

Reply Requested By: 9/26/06

INFORMATION REQUESTED: Date: 9/25/06

HOT HOT HOT

Per detail 15/7.01, the metal decking stops at the beam centerline even though roofing extends to edge of deck. This detail affects both roofs at stair 1, the roof at stair 2 and the observation lobby building roof. However, per job walk with our roofing subcontractor, his materials cannot cantilever this distance and need support below. A possible solution is to add fire treated lumber and plywood to support the roofing materials in the gap between beam centerline and edge of deck. Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ **Schedule Impact:** ☐ days By: Mark Delgado

RESPONSE: **DATE:**

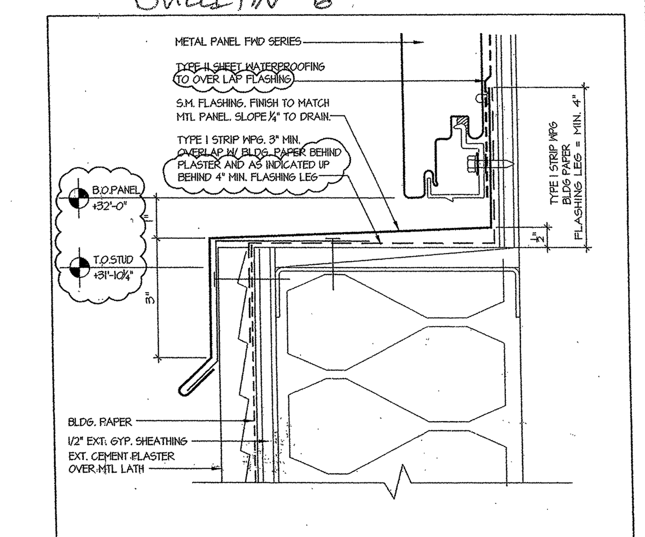
No exception taken to add fire treated 2x blocking as required.

Vanessa Ling/tBP - 9/25/06

RFI # 000
Page 1

BULLETIN #06
DSA FILE # 7-C1
DSA APPL.# 01-106226

BULLETIN #6



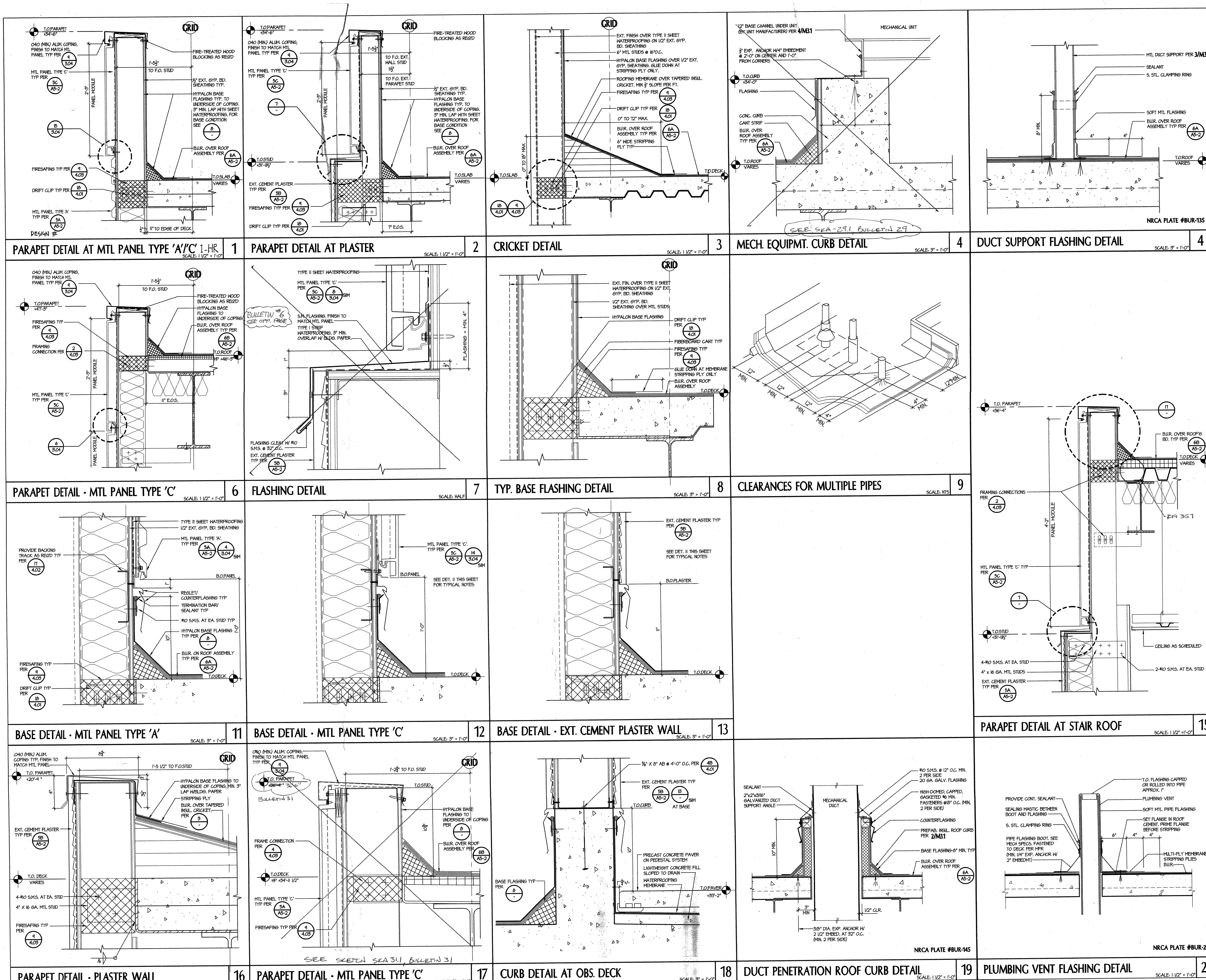
FLASHING DETAIL — 7 — SCALE: HALF

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Pittsburg CA
Contra Costa Community College School District

ARCHITECT
tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

tBP architecture planning interiors management

BULLETIN #06
DATE: 01/04/06
DSA NO. 01-106226
THIS REVISES IN PART
SHEET: 7.01
SHEET: SKA-06.2



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SCIENCE BUILDING LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number: 20247.00
file name: DTL-0701.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
ROOF DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no: 7.01

FAX SENT TO MONTEREY RE: DTL 20/7.02 WHERE ELEV OF BOTTOM HORIZONTAL OF SCREENWALL IS ELEV 36'-2". ALSO WROTE RFI 172.1 SINCE THIS RESPONSE CAUSES CONFLICTS WITH TOP HORIZONTAL MEMBERS

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Subj.: Mechanical screen wall post modification for HVAC ductwork from AHU's on roof
Reference (dwg, spec.) S2.3.1, S2.3.2, 7.02, M3.1
Reply Requested By: 3/2/06

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
RFI No: **172**
Subcontractor RFI:

INFORMATION REQUESTED: Date: 3/2/06

URGENT.
As communicated previously via informal email, there is are conflicts between AHU ductwork and mechanical screen wall posts on the roof. With return of the AHU submittal, we have laid out the ductwork penetrations in the mechanical screen wall. See attached pdf file showing two ductwork/post conflicts on the west screen wall between 5.5-line and 6-line. In these cases, the ductwork is in direct conflict with the posts and cannot be offset far enough to avoid conflict. For this situation, see attached sketch by SJA depicting a possible basis for the solution. It would not be desirable to relocate or add posts as this would require close coordination with steel below. Please advise on a solution and provide sketches/details as needed. Note that this work may need to be performed in the field if we cannot get the information back to the fabricator in time.

There is also a conflict on the east side where the 34" penetration is needed just north of 4.5-line. In this case, there is 3'-3" from center to center of the posts and a 34" penetration is needed. Therefore, if we utilize the posts themselves as the vertical members framing the opening (ref 19/7.02) then we can possible resolve this conflict. Please review and advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

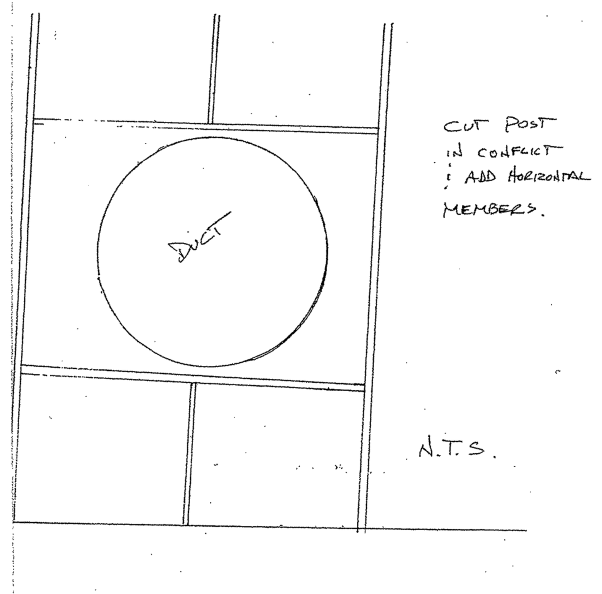
RESPONSE: DASSE DATE:
On west side, delete 2 post and relocate 1 post as shown on sketch 3. Provide additional HSS 2½ x 2½ x ¼ around ducts per sketches attached.
3-3-06

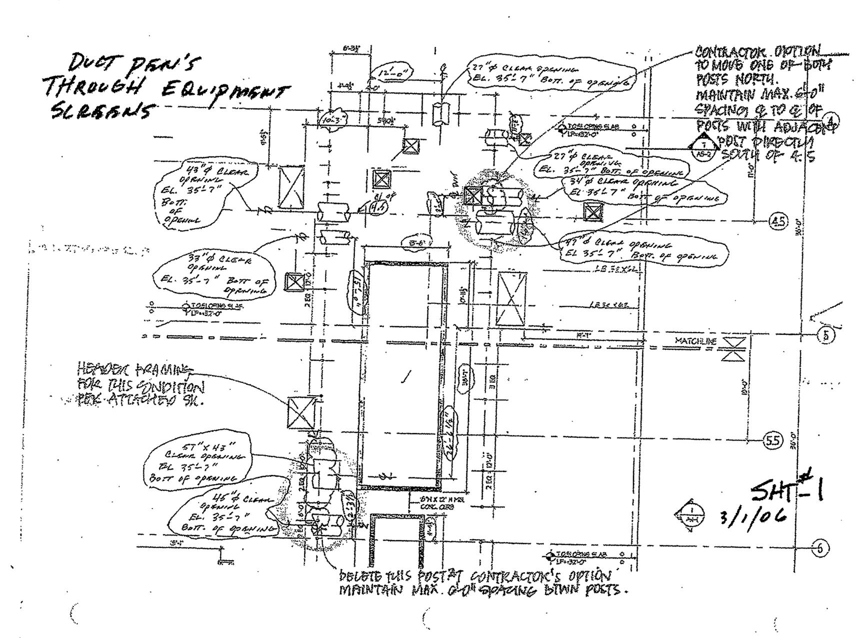
Attachments:
By:

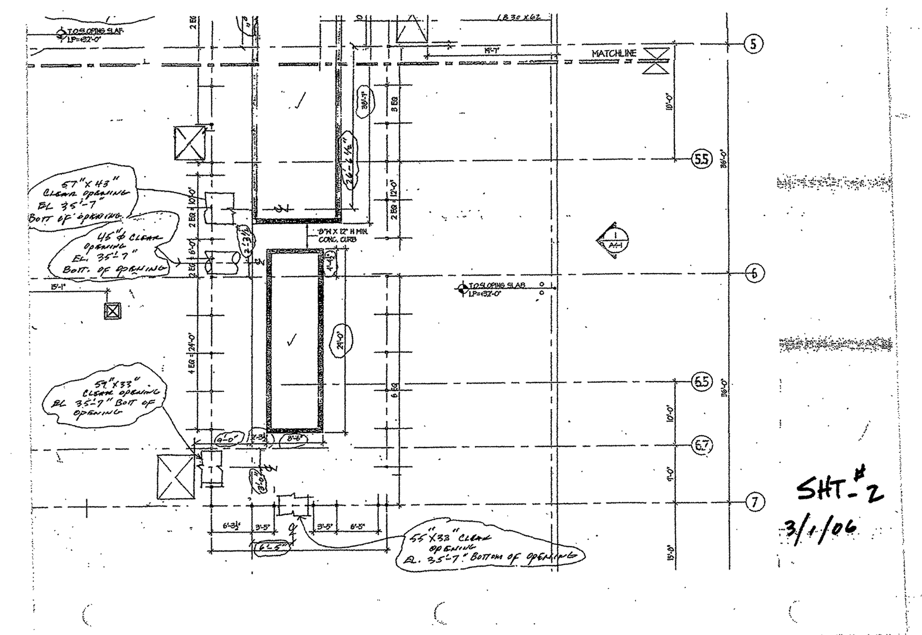
TRANSMITTAL RECORD:

FROM	TO	DATE

RFI # 000
Page 1







S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Subj.: Bulletin 17 clarifications
Reference (dwg, spec.) : Bulletin 17
Reply Requested By: 6/12/06

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
RFI No: **241**
Subcontractor RFI: Western No. 1

INFORMATION REQUESTED: Date: 6/5/06

Western Roofing has reviewed Bulletin 17 and has marked up a detail of Bulletin 17 with questions. These questions are typical for all details forwarded as part of Bulletin 17. Please review and advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 6.09.06

See attached response from Kelly Hopkins/TREMCO and AAME/DASSE response to bottom of scupper drain condition relative to roof drain.

06/01/06 10:47 FAX 415 6484788 WESTERN ROOFING SVC 002

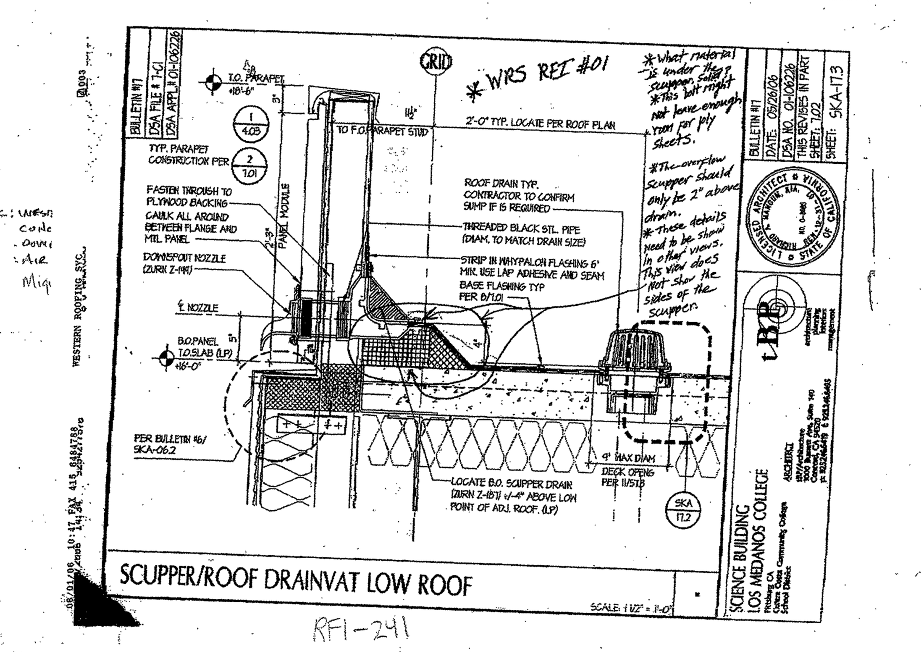
RFI 241

WESTERN ROOFING SERVICE
2594 Oakdale Avenue San Francisco, CA 94124
Tel 415-648-6472x210 800-822-6648 Fax 415-648-5164
License #180533

Project: **Los Medanos College - Science Building**
To: **Turner Construction Company**
Attn: **Mark Delgado**
Re: **Architect's Bull. No.17**
Request for Information Number: 01
From: **Eric Moorehead**
Priority: **Normal**

Request:
I have a few questions/remarks regarding Architect's Bulletin No. 17. Please see attached detail which I have made some comments. These comments are typical for all details forwarded with the bulletin. Please advise.

Date Issue: **June 1, 2006** Name: **Eric Moorehead**



RFI-241

From: Kelly Hopkins
To: Celia Chiang;
CC:
Subject: Re: LMC Science Bulletin #17
Date: Wednesday, June 07, 2006 5:18:17 PM
Attachments:

Hi Celia,
I have reviewed the information you sent.
1. The material supporting the scupper should be fire treated wood blocking.
2. Overflow scupper should be "at a level **not less** than two inches above the level of the primary drain." This is per Chiang Ng-Memo of 5-22-06 which you attached.
3. RFI #241 from Western Roofing: The flange is placed over the hypalon sheet and the bolt fastens through flange. Should not cause interference with ply sheets.
Over flow scupper should be at a level not less than two inches above level of primary drain. (See #2).
I think these answers Western's questions. Let me know anything else you may need.

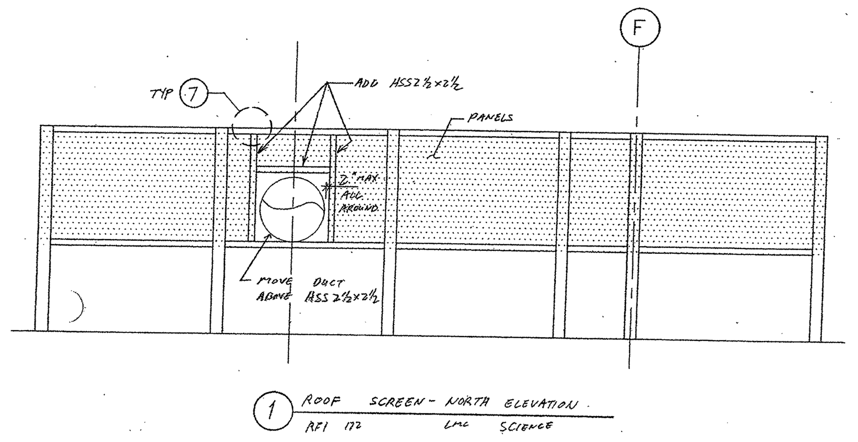
Kelly

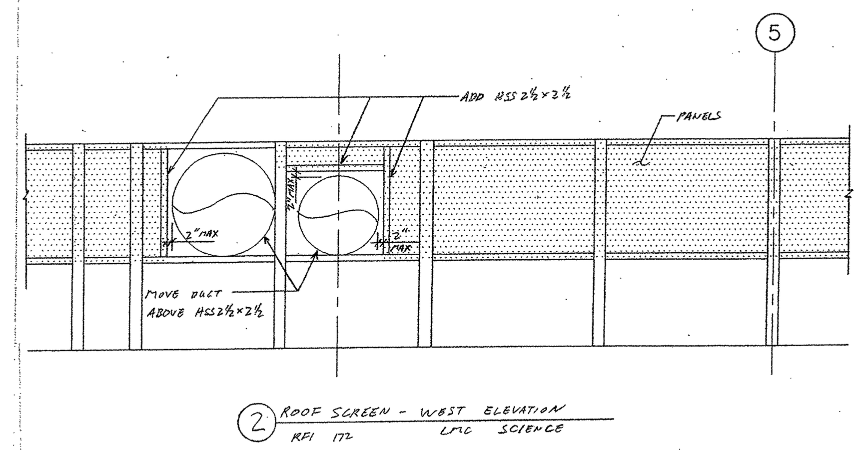
Kelly:

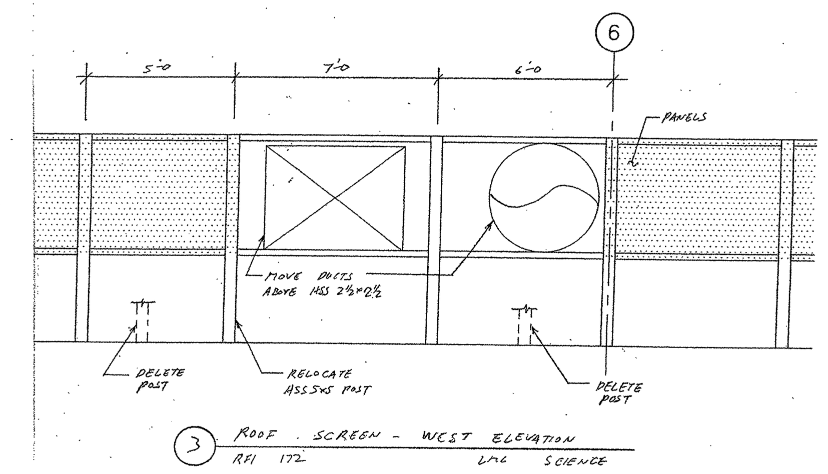
Please find attached the following for LMC Science:

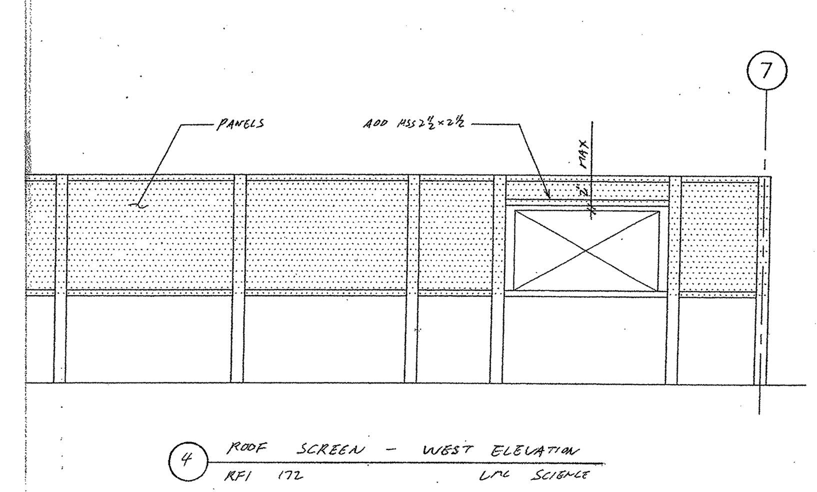
- Bulletin #17 revising overflow roof drains to scupper drains and overflow nozzles
- PDF of email from Mech. Engineer and Structural Engineer re: raising bottom of scupper to 4" from bottom of drain
- RFI #241 from Western Roofing re: scupper drain detail.

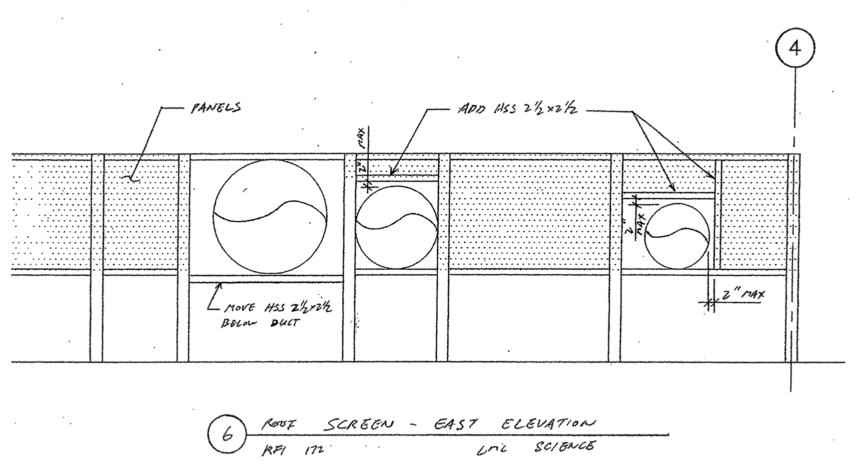
I would appreciate if you could take a look at these files and help me to respond

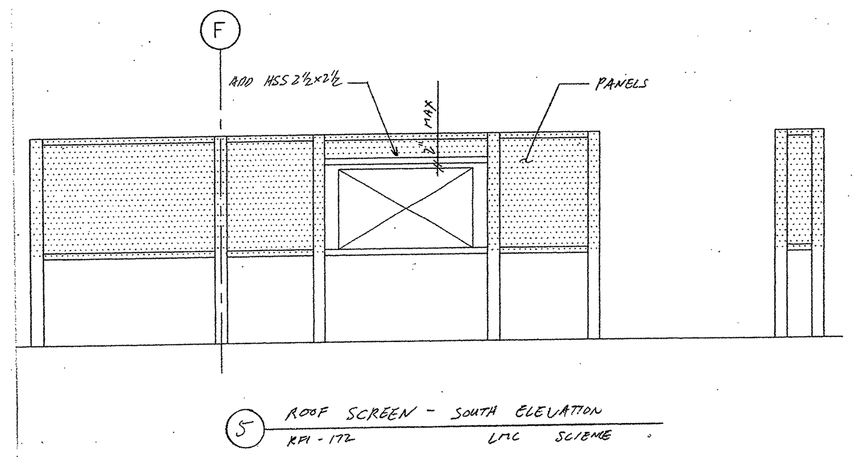


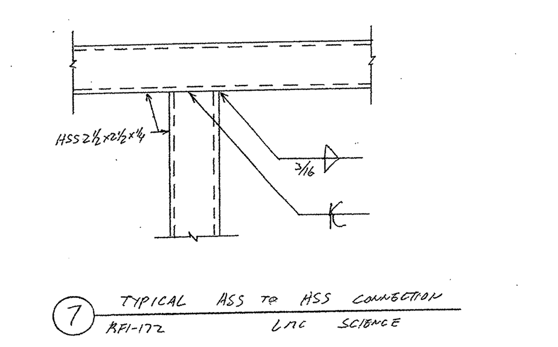


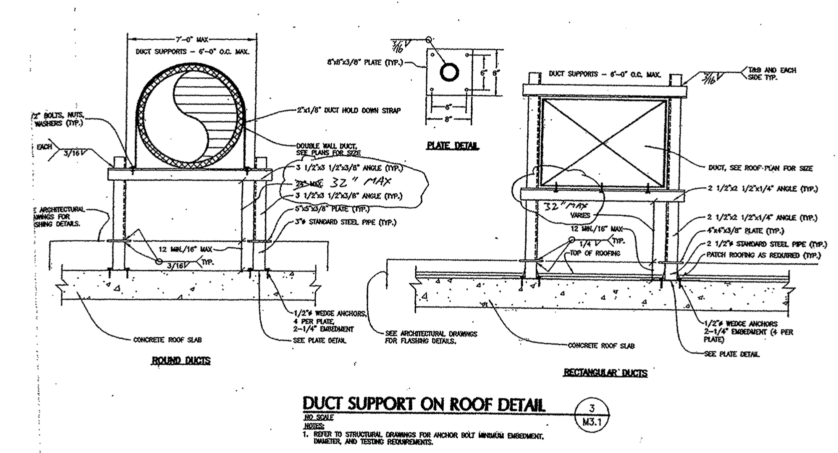












S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Subj.: Mechanical screen wall post modification for HVAC ductwork from AHU's on roof
Reference (dwg, spec.) S2.3.1, S2.3.2, 7.02, M3.1
Reply Requested By: 3/2/06

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
RFI No: **172.1**
Subcontractor RFI:

INFORMATION REQUESTED: Date: 3/2/06

We have received and reviewed the response to RFI No. 172 and have the following concern:

The RFI response provides several elevation views with the note to "Move duct above HSS 2 ½" x 2 ½"." Per 20/7.02, the bottom of screen is at elevation 36'-2", which effectively means that the bottom of opening can be at 36'-5". The top of screen is at elev 40'-4" which effectively means that the top of opening can be at 40'-1" for a maximum opening size of 44" if both top and bottom HSS members are to be maintained.

However, some elevations given in the response to RFI No. 172 show ducts whose openings will be larger than 44" penetrating the screen wall but still shows both the top and bottom HSS members. For instance, the duct in elevation 3 and the southern duct in elevation 6.

Please review and advise. Note that due modifications to steel will need to be performed in the field.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 3.10.06

Note that the bottom of opening is +36'-5" typical.
For ducts larger than 44" h. bottom HSS may be moved lower by max. 3" to accommodate large duct at elevations 3 and 6 attached.

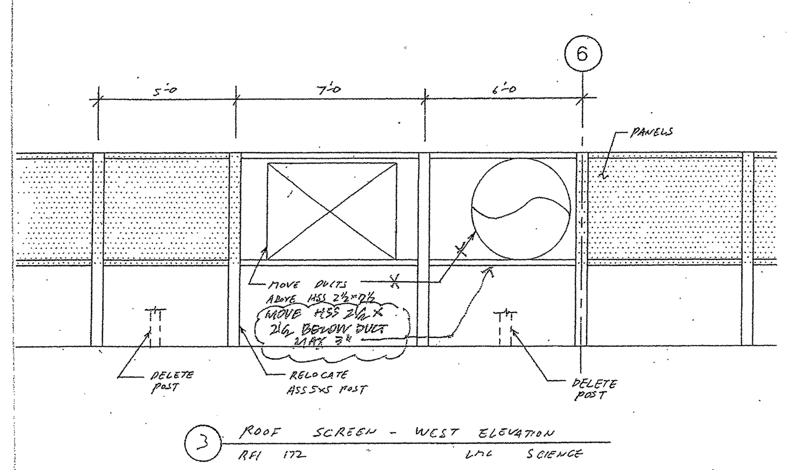
Attachments:
By: C. Chiang/tBP

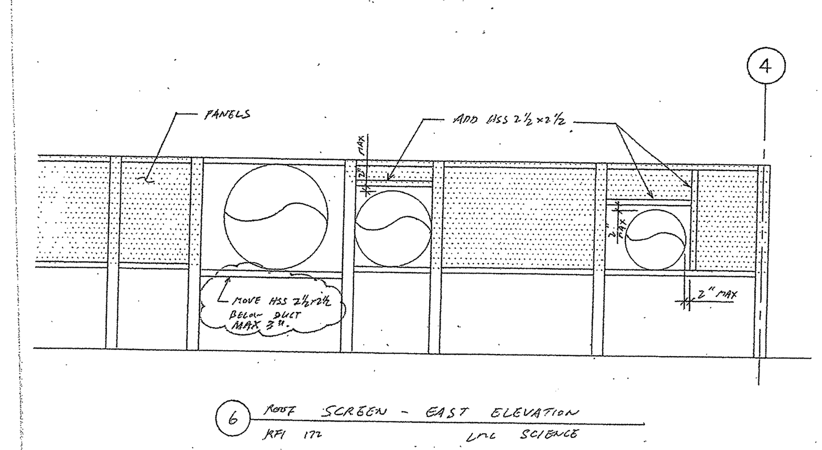
TRANSMITTAL RECORD:

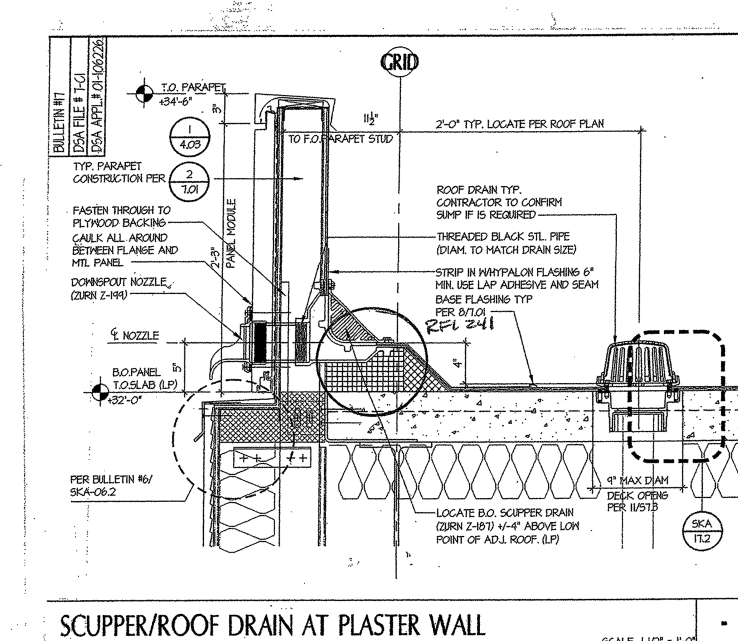
FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	3/2/06 3.9.10

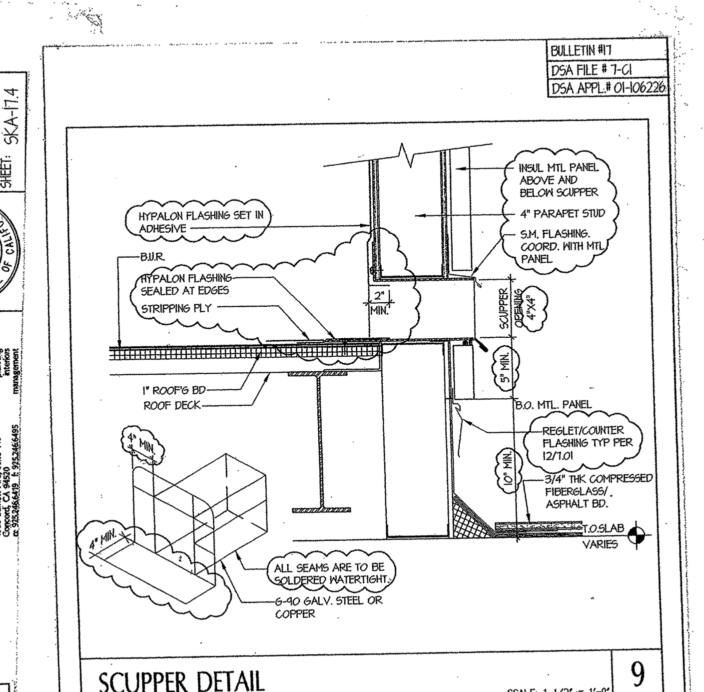
RFI # 000
Page 1

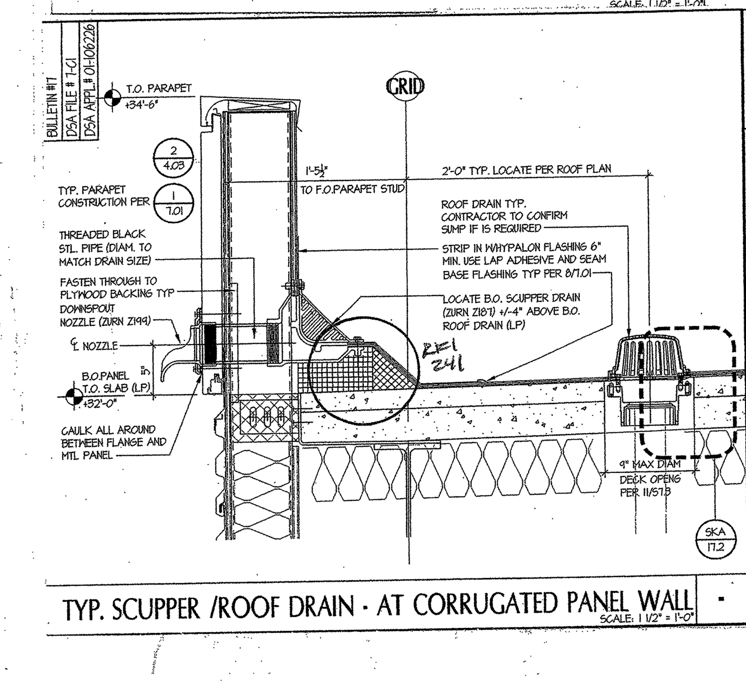
CC: ROSCOE
: MONTEREY
: PACIFIC ERECTORS

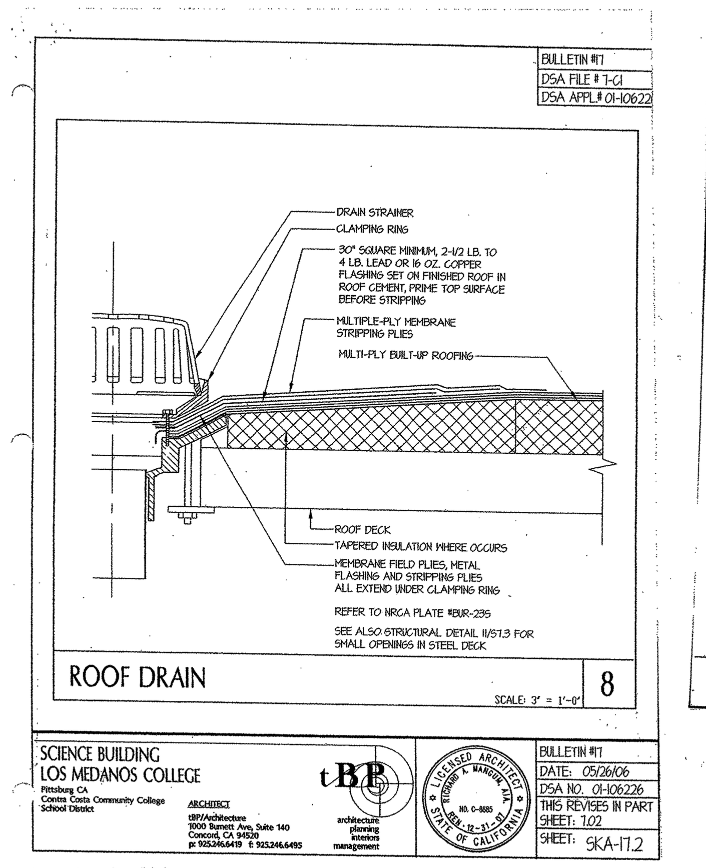


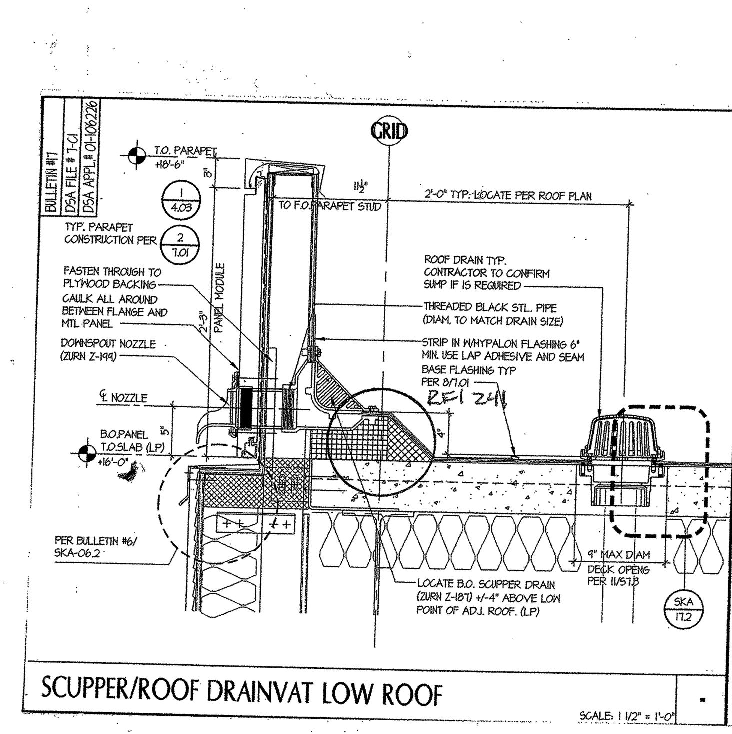


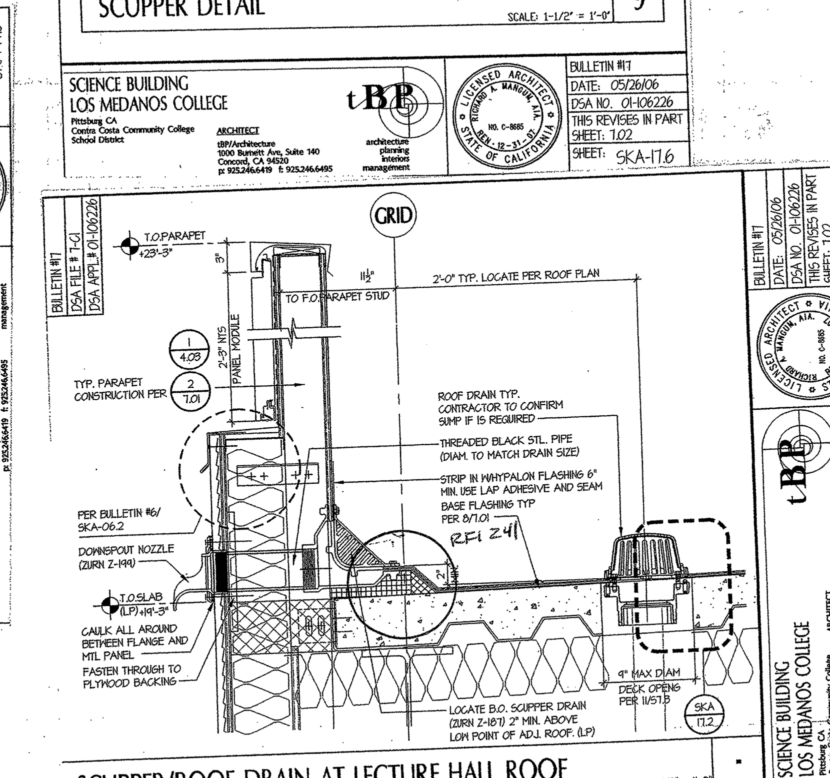


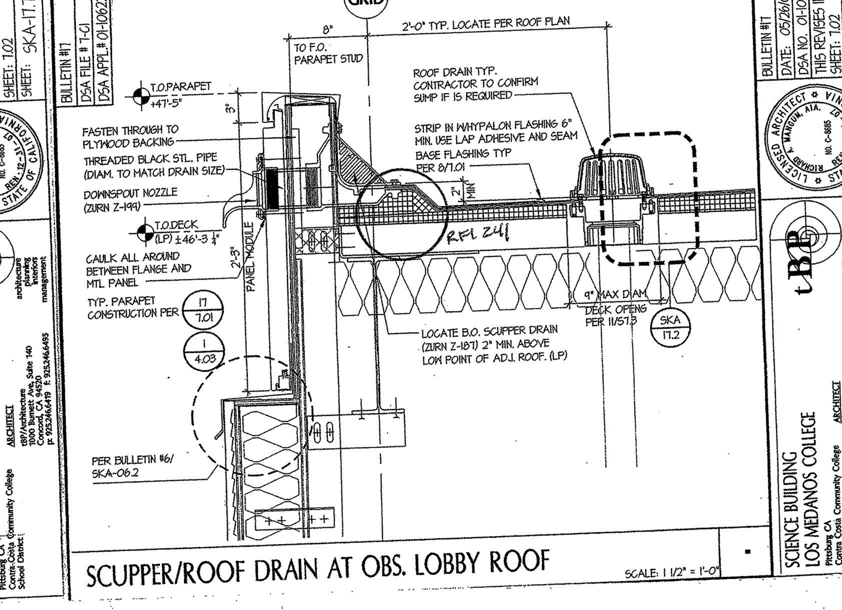


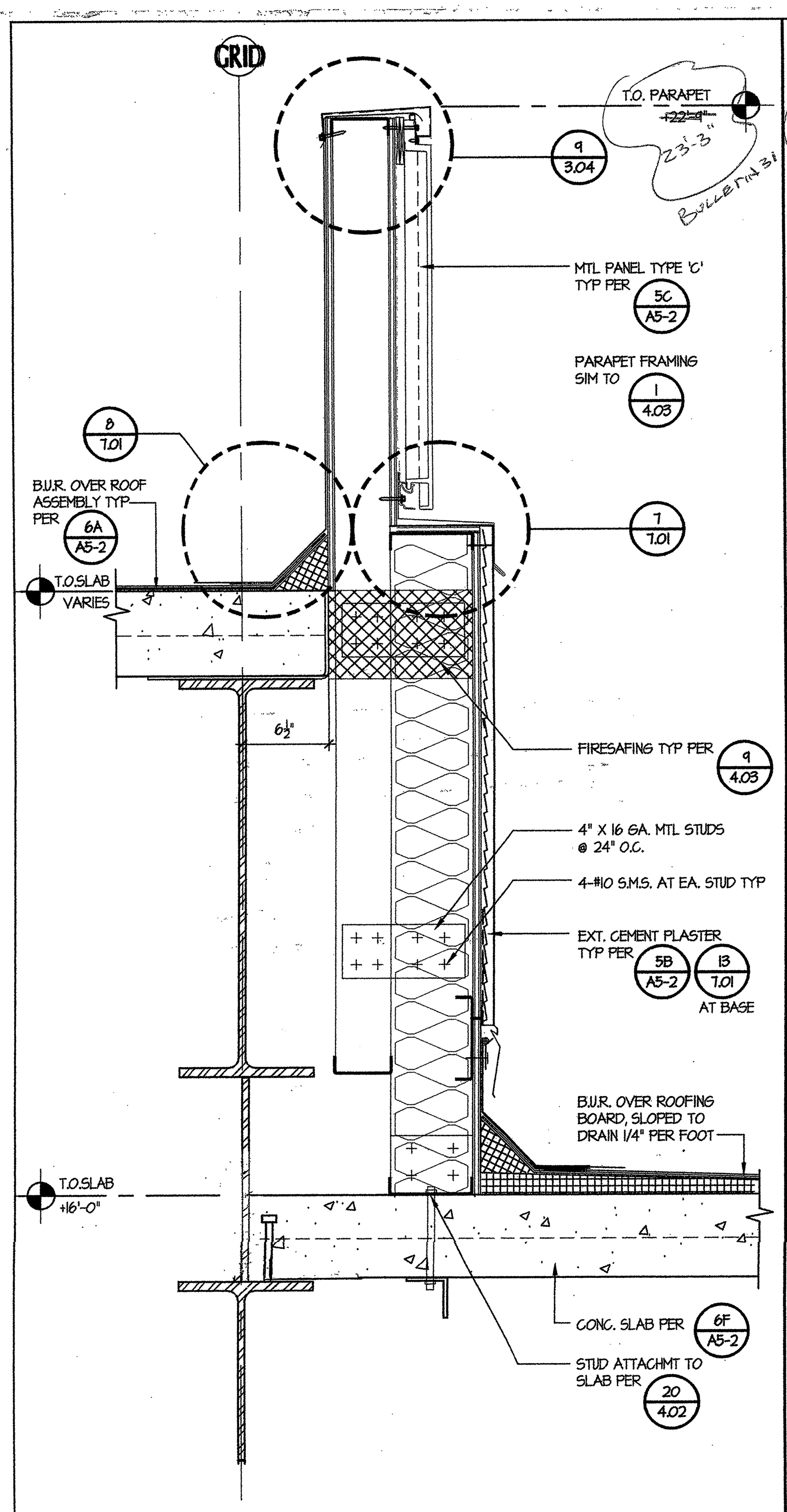




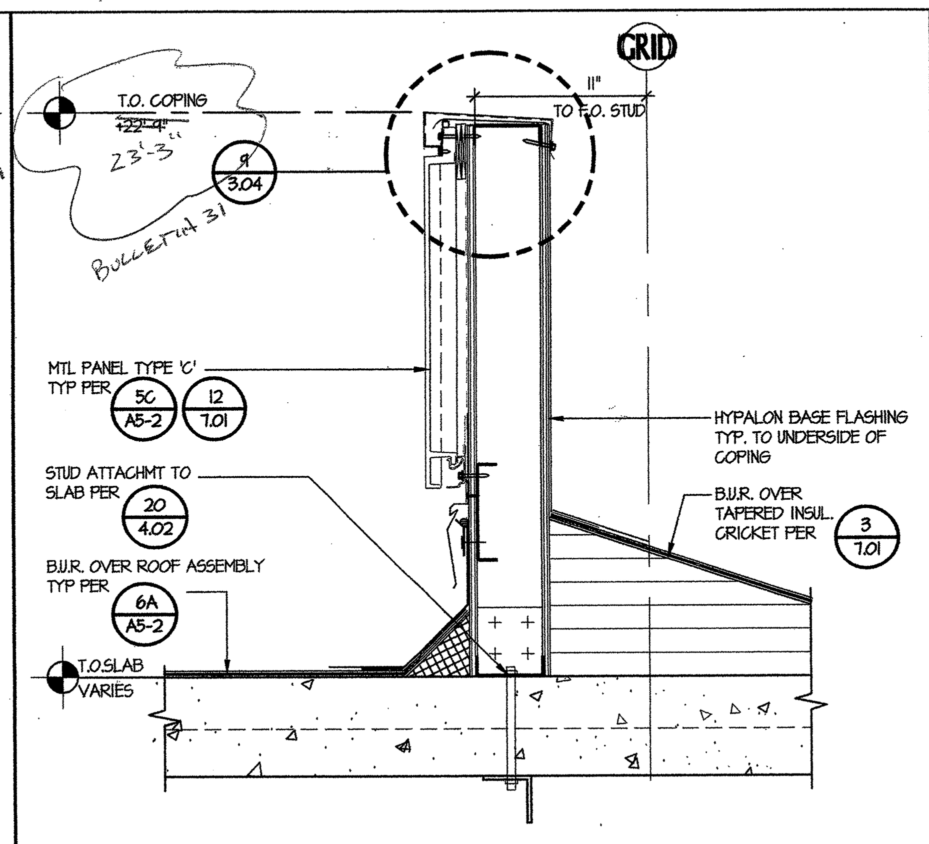




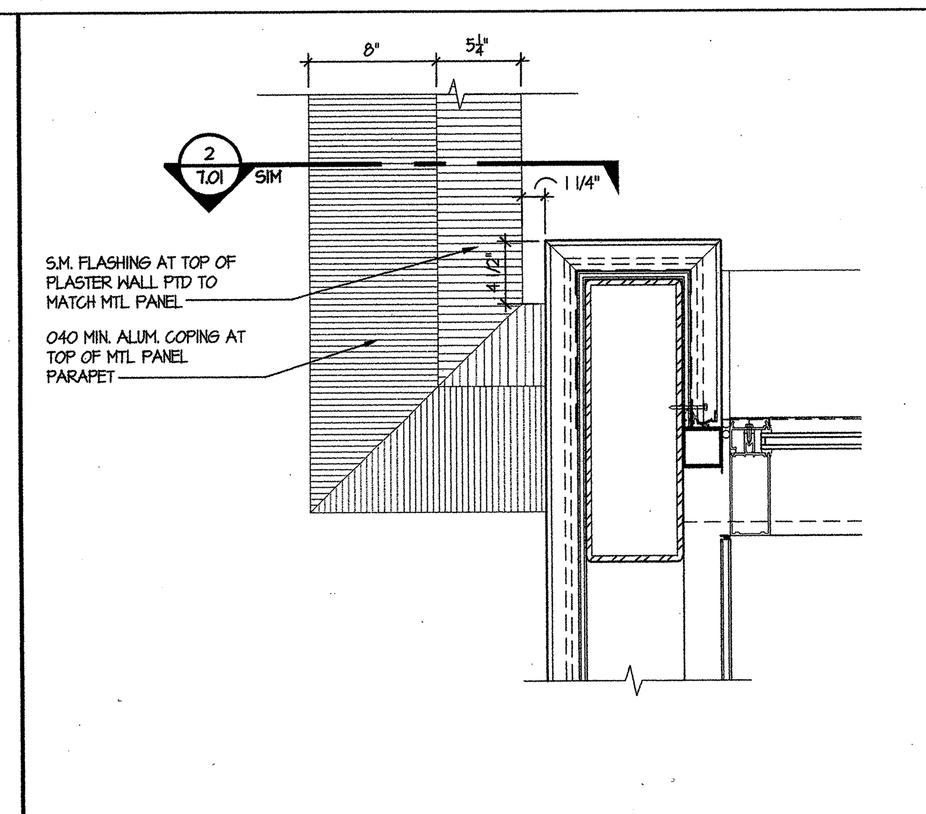




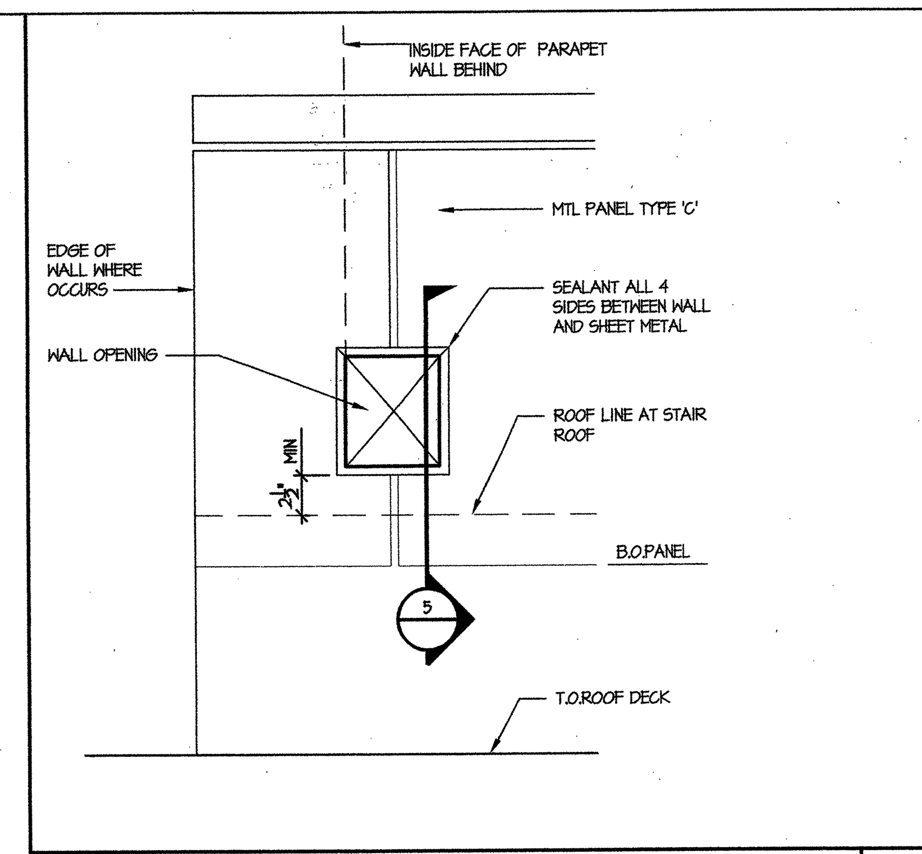
PARAPET DETAIL - LOW ROOF | SCALE: 1 1/2" = 1'-0" | 6



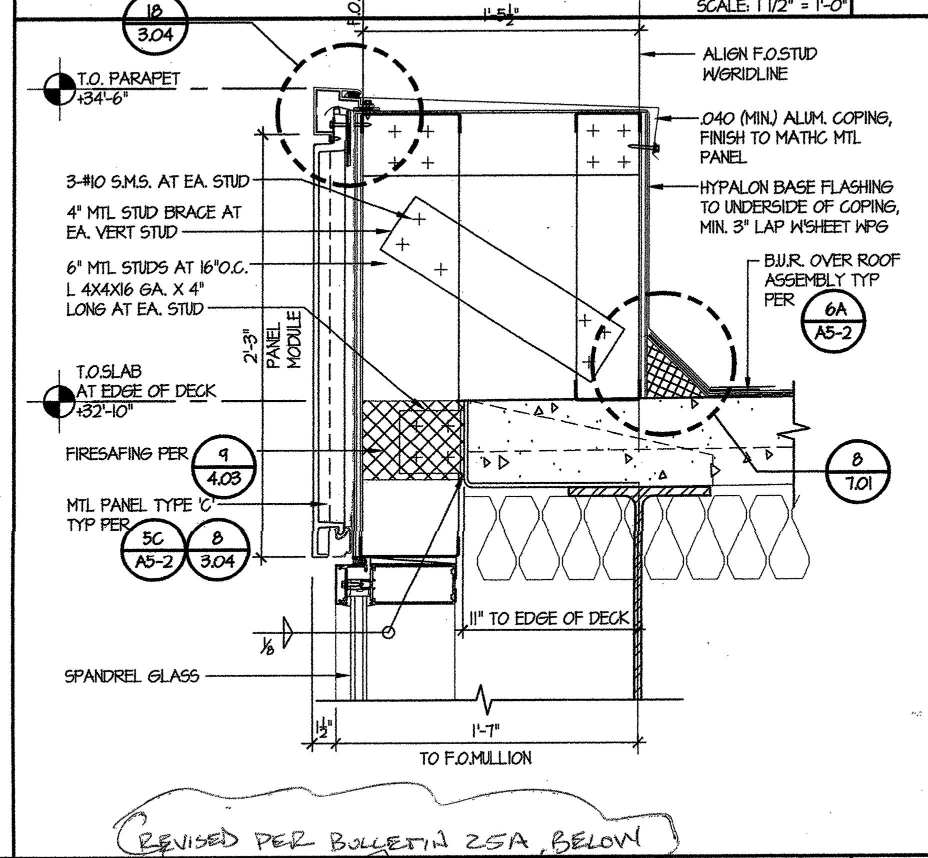
PARAPET DETAIL - LOW ROOF | SCALE: 1 1/2" = 1'-0" | 2



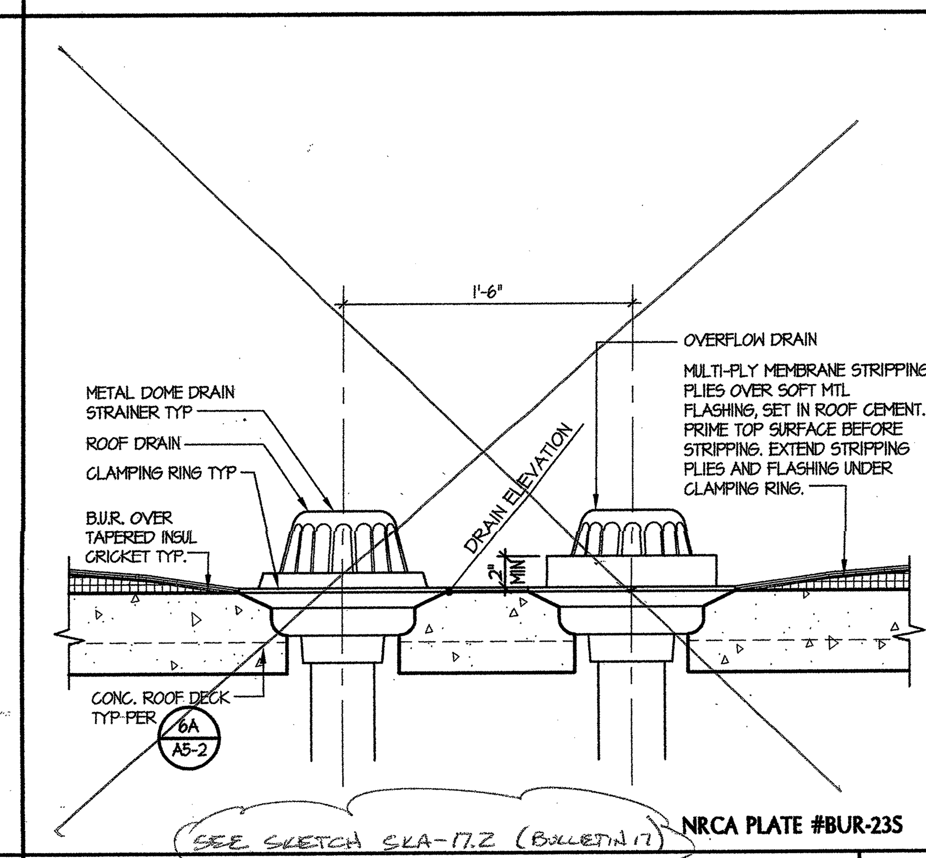
3 PLAN DETAIL AT LOW ROOF PARAPET
SCALE: 3" = 1'-0"
REFER TO DET. 6/8.05 FOR ADD'L INFO.



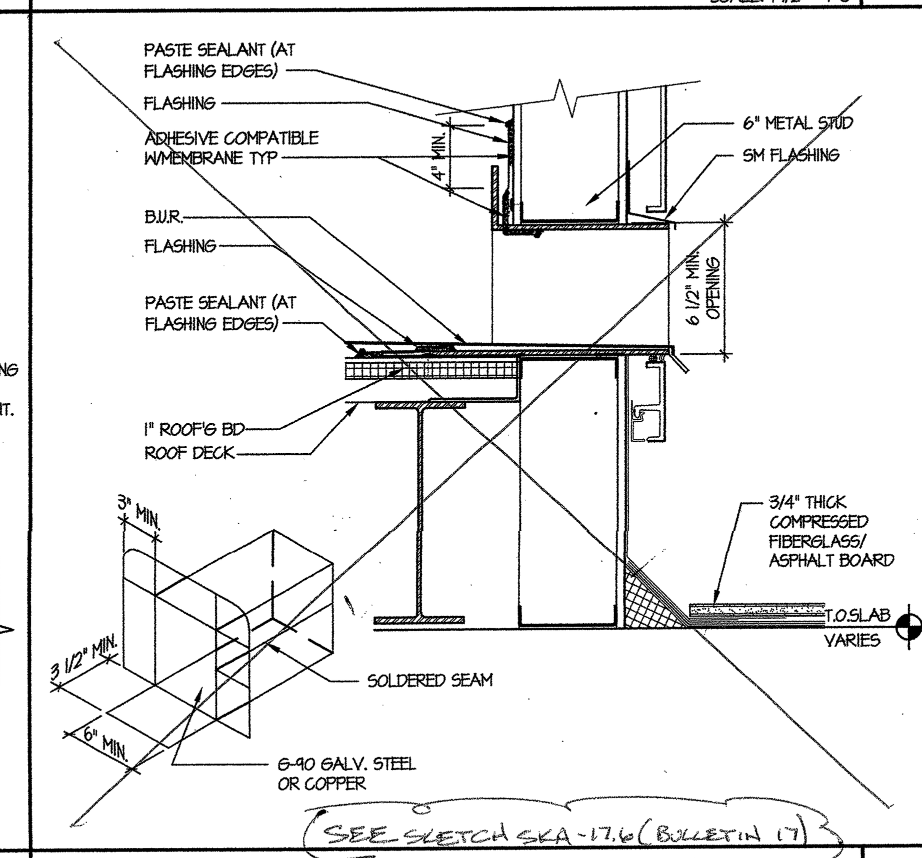
PARTIAL ELEVATION - SCUPPER AT HIGH ROOF | SCALE: 1 1/2" = 1'-0" | 4



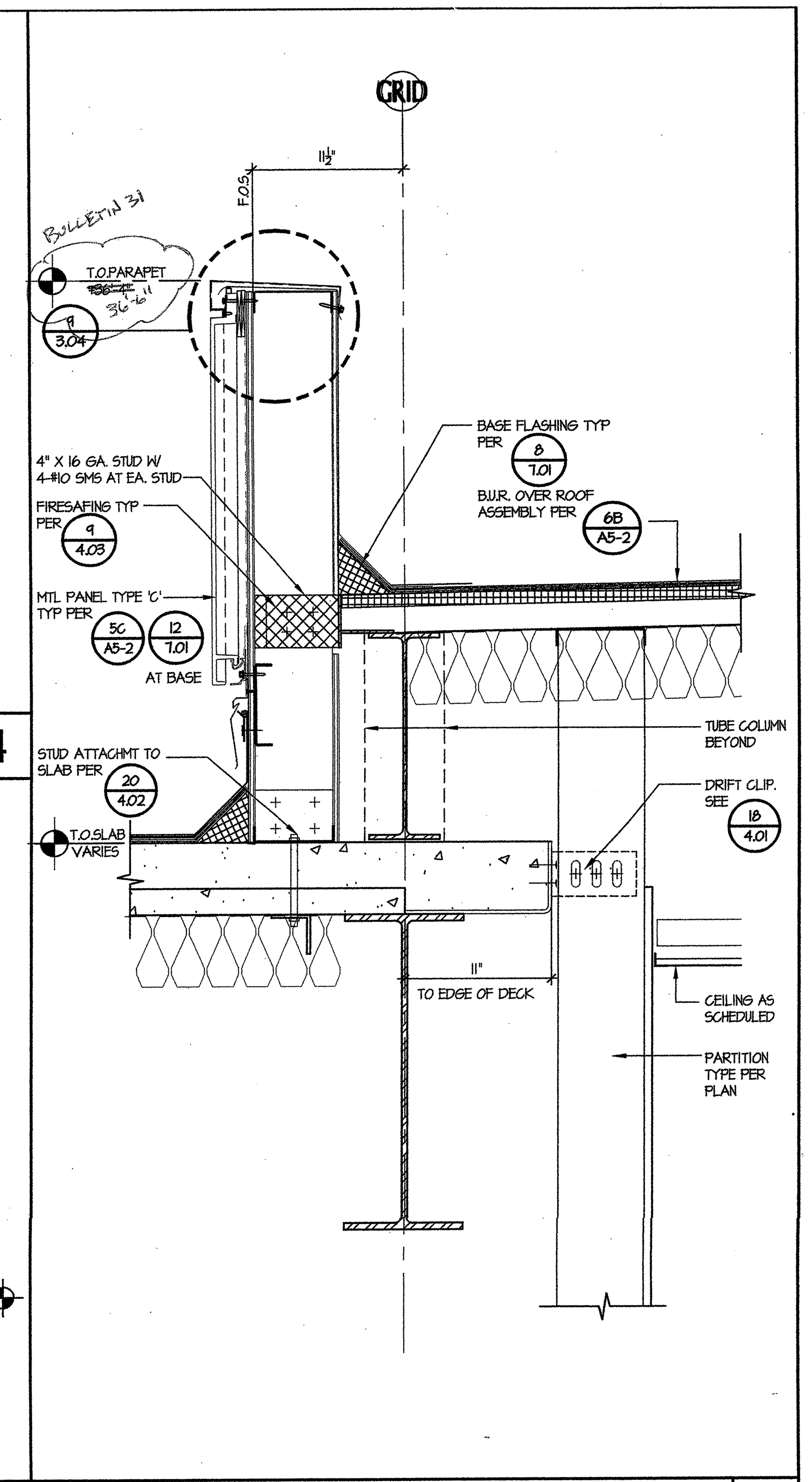
PARAPET DETAIL | SCALE: 1 1/2" = 1'-0" | 7



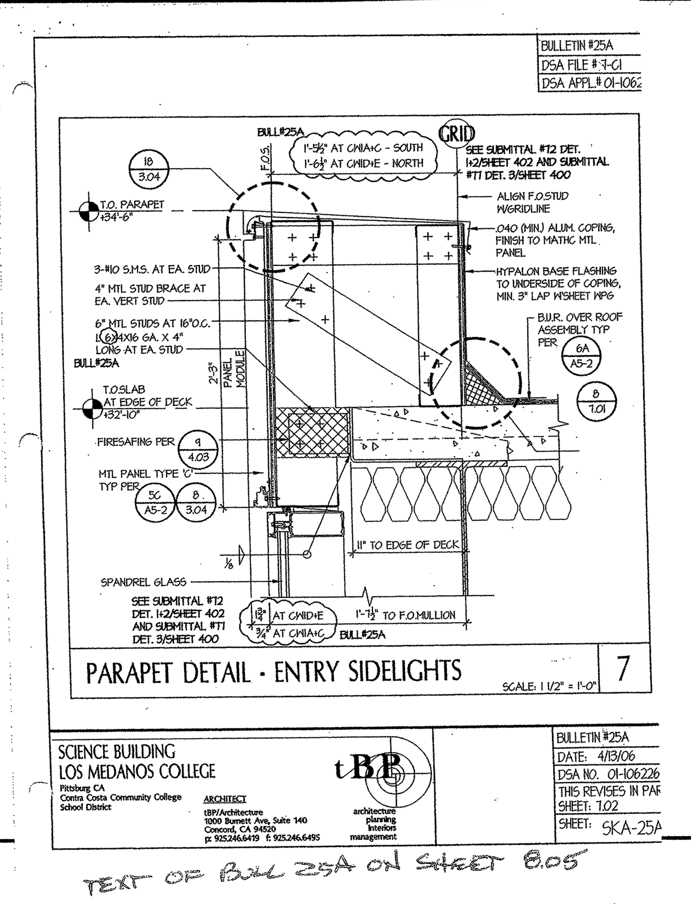
ROOF DRAINS | SCALE: 1 1/2" = 1'-0" | 8



SCUPPER DETAIL | SCALE: 1 1/2" = 1'-0" | 9



PARAPET DETAIL AT STAIR ROOF | SCALE: 1 1/2" = 1'-0" | 10



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: North elevation of mechanical screen

Reference (dwg, spec.): ~~20/7.08~~ 7.02

RFI No: 239
Subcontractor RFI: Roscoe 65

Reply Requested By: 6/8/06

INFORMATION REQUESTED: Date: 6/1/06

See attached RFI 65 from Roscoe Steel regarding the north elevation of the mechanical screen wall posts. In review of submittal no. 72, the location of the screen itself was changed to the "outboard" plane of the tube steel assembly. Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE: 6.1.06

HSS 2 1/2 x 2 1/2 horizontal members on north screen wall should have been located to align with exterior face of HSS 6 x 6 posts typical, per detail 20/7.02. Relocation of perforated metal panel to outside of HSS posts per Submittal #72 did note affect the HSS frame as horizontal members were not relocated. Revise location of HSS 2 1/2 x 2 1/2 horizontal members on north screen wall per Contract Documents. There should be no cost or schedule impact for this work.

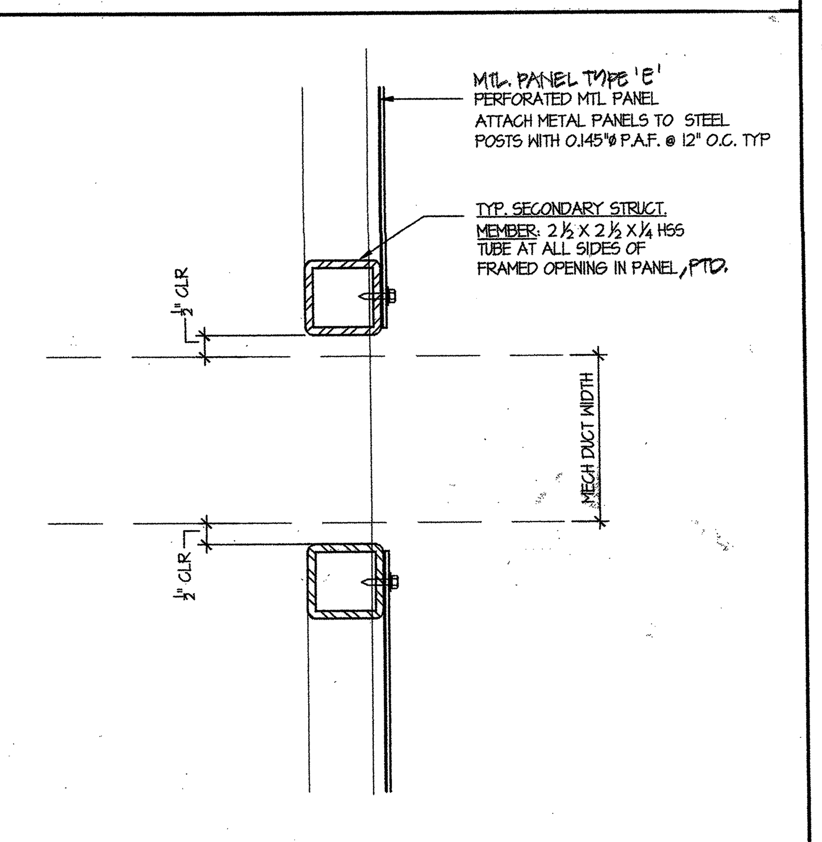
Attachments:

By: C. Chiang/tBP

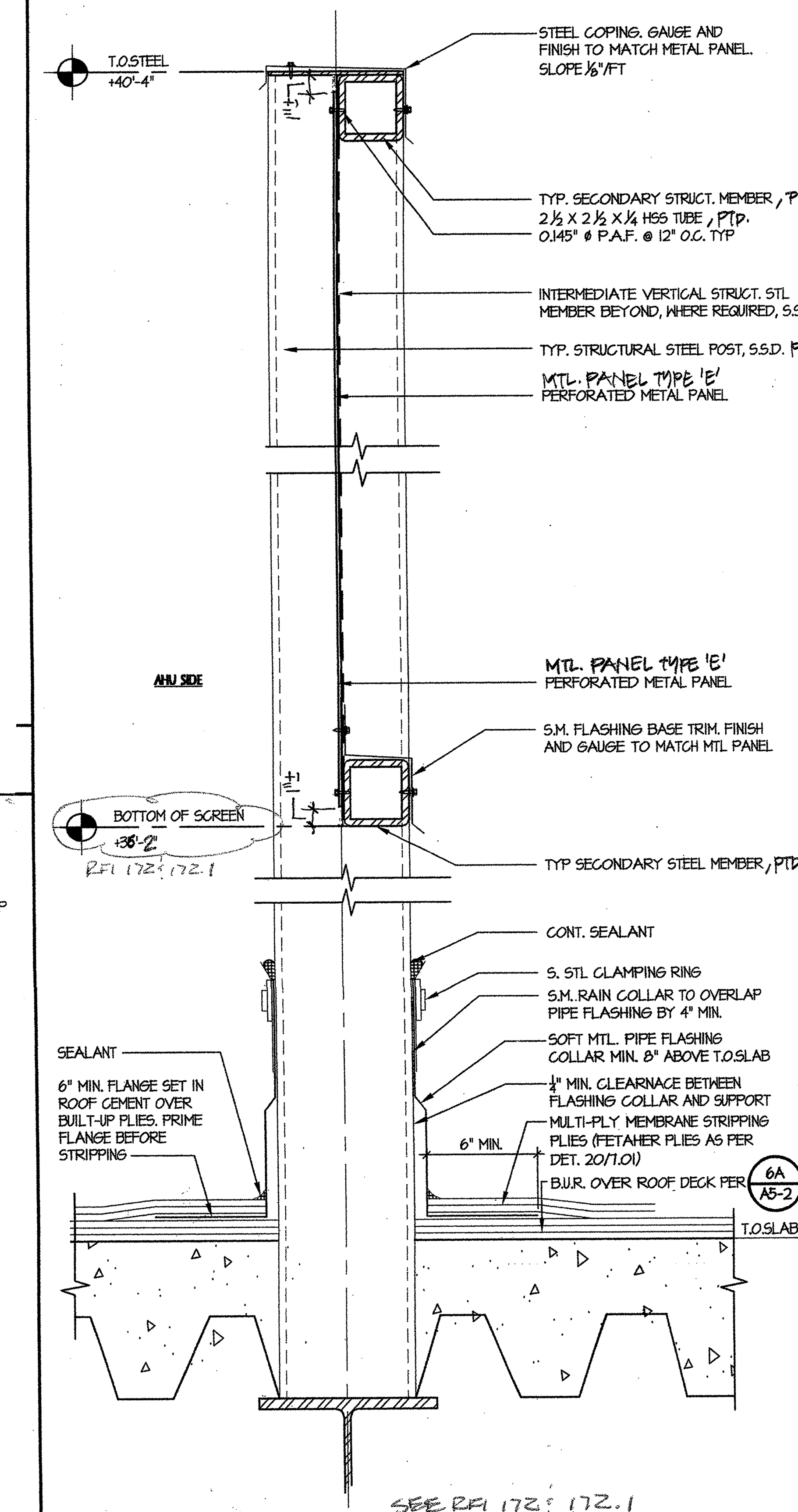
TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	~~5/26/06~~ 6.1.06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	6.1.06
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1



ROOF-SCREEN - FRAMING AT THRU DUCTS | SCALE: 3" = 1'-0" | 19



SECTION - ROOF MECH. SCREEN | SCALE: 3" = 1'-0" | 20

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tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
FILE No. 7-C1

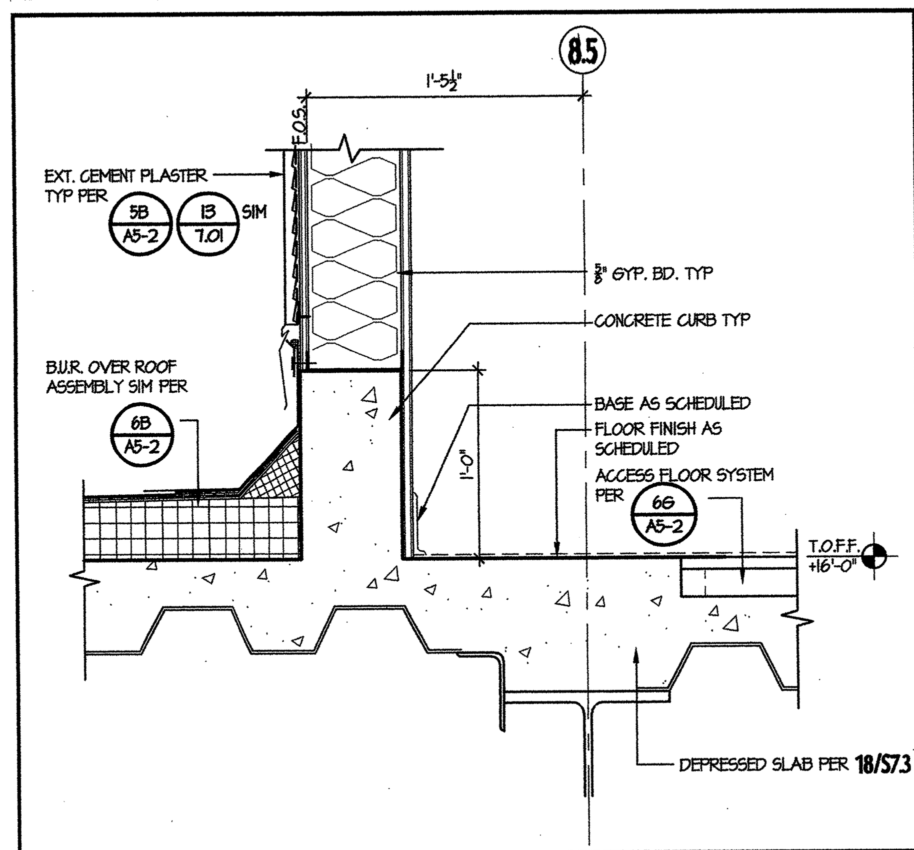
Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Contra Costa Community College District

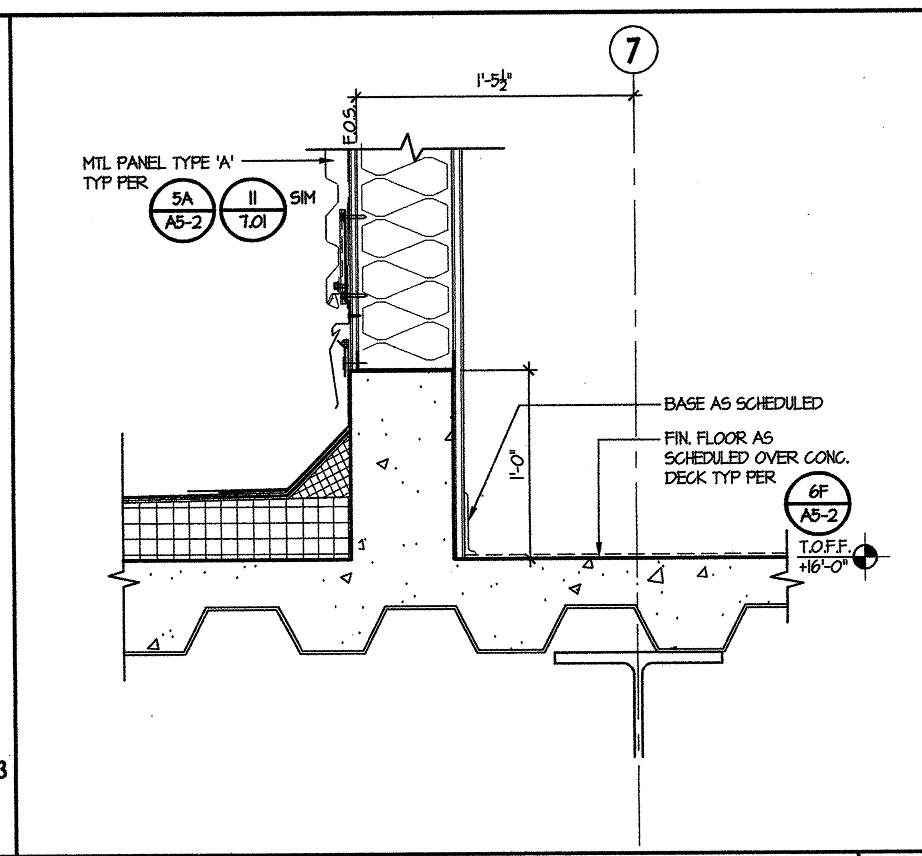
tBP project number: 20247.00
file name: DTL-0702.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004
Rev. date description

drawing title:
ROOF DETAILS

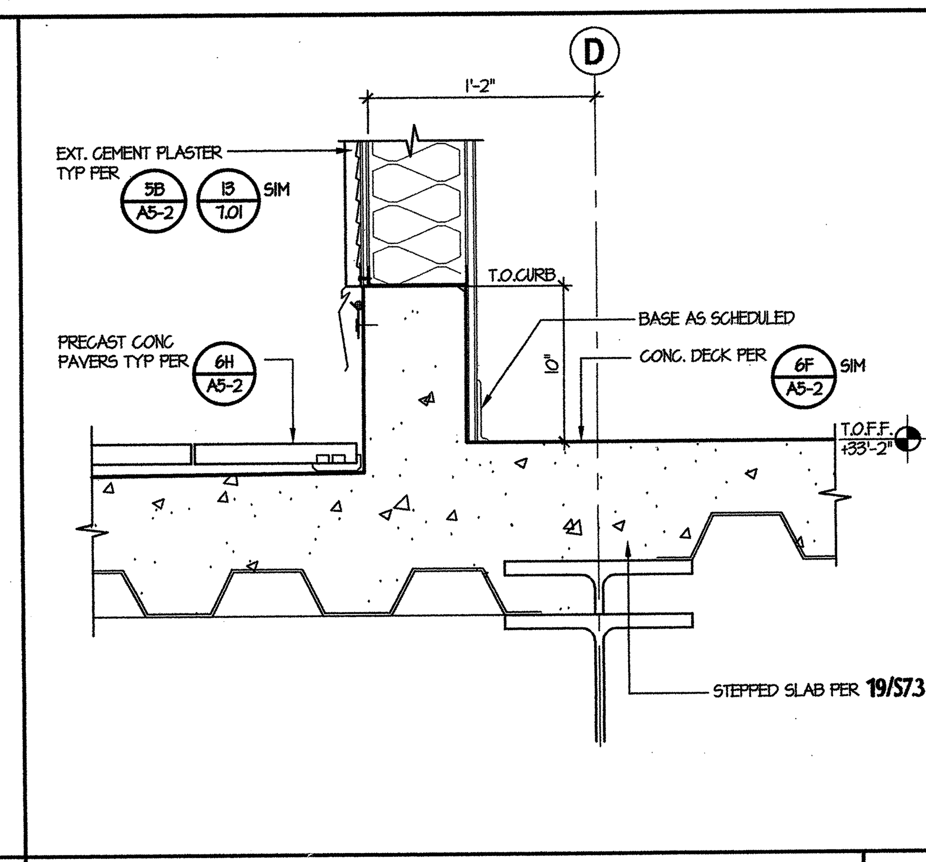
LMC SCIENCE 313-023-112.01-0-00.00
drawing no.: 7.02



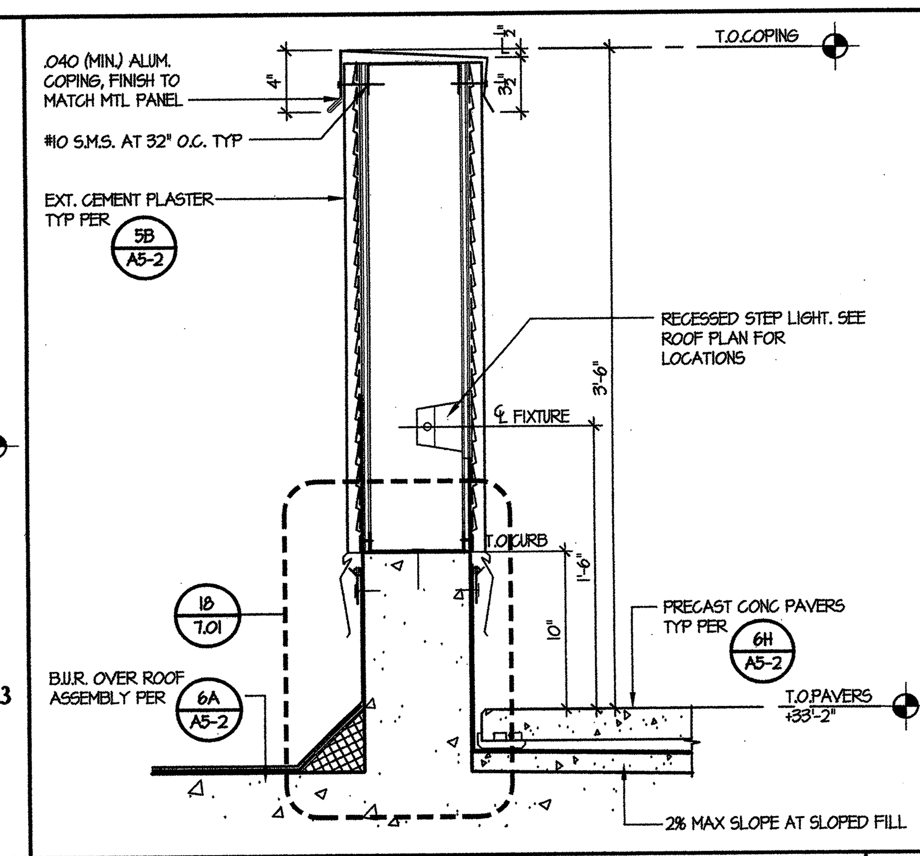
CURB DETAIL AT LOW ROOF | 1
SCALE: 1 1/2" = 1'-0"



CURB DETAIL AT LOW ROOF | 2
SCALE: 1 1/2" = 1'-0"



CURB DETAIL AT LOW ROOF | 3
SCALE: 1 1/2" = 1'-0"



LOW WALL AT OBS. DECK | 4
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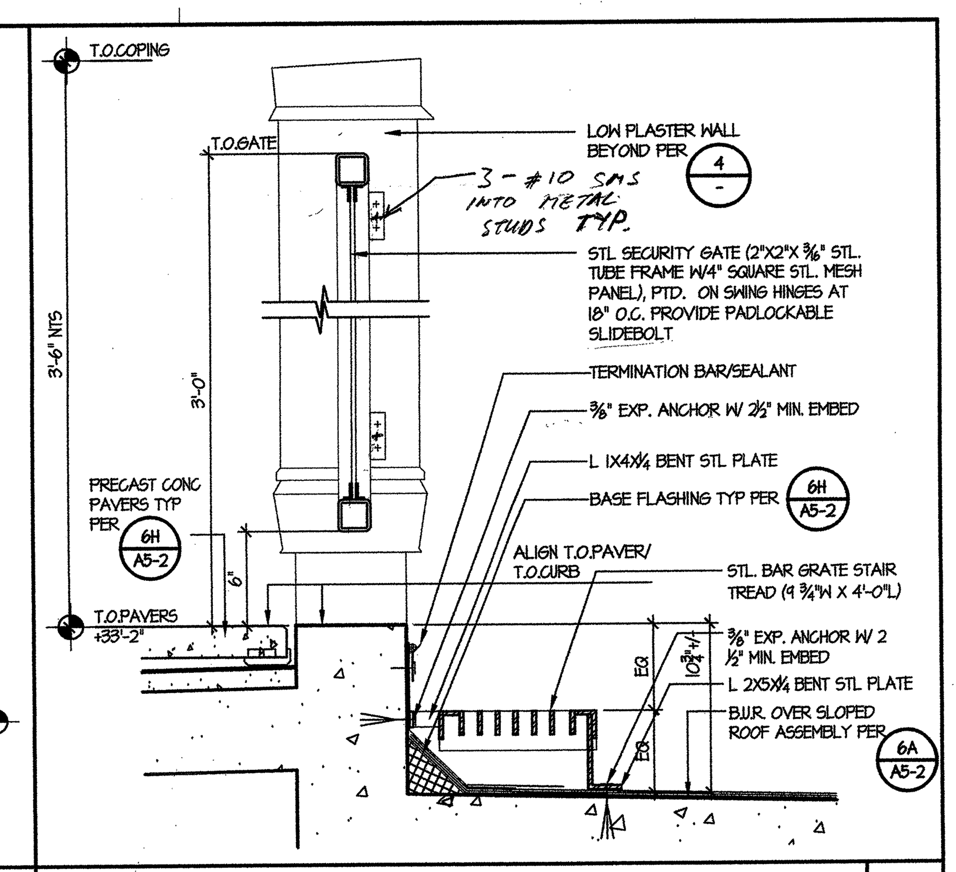


SECURITY GATE/MTL STEPS AT OBS. DECK | 5
SCALE: 1 1/2" = 1'-0"

05/12/2006 09:45 FAX TBP ARCHITECTURE → SJA AT LMC 001/006

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDAÑOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Telescope pier mount manufacturer or details needed
Reference (dwg, spec.) A3-2, 10/7.03

RFI No: **151**
Subcontractor RFI

Reply Requested By: 3/2/06

INFORMATION REQUESTED: Date: 2/16/06

Detail 10/7.03 is the only information we can find in either the specifications or the drawings regarding the telescope pier mounts and brackets. This is not enough information to either purchase a pre-fabricated product or to manufacture a product. Please either provide manufacturer/model information or provide details adequate for fabrication such as mounting plate thickness, gusset dimensions, post thickness and height, weld information, bolt information, if accommodation needs to be made for telescope above, etc.

SUGGESTED SOLUTION:

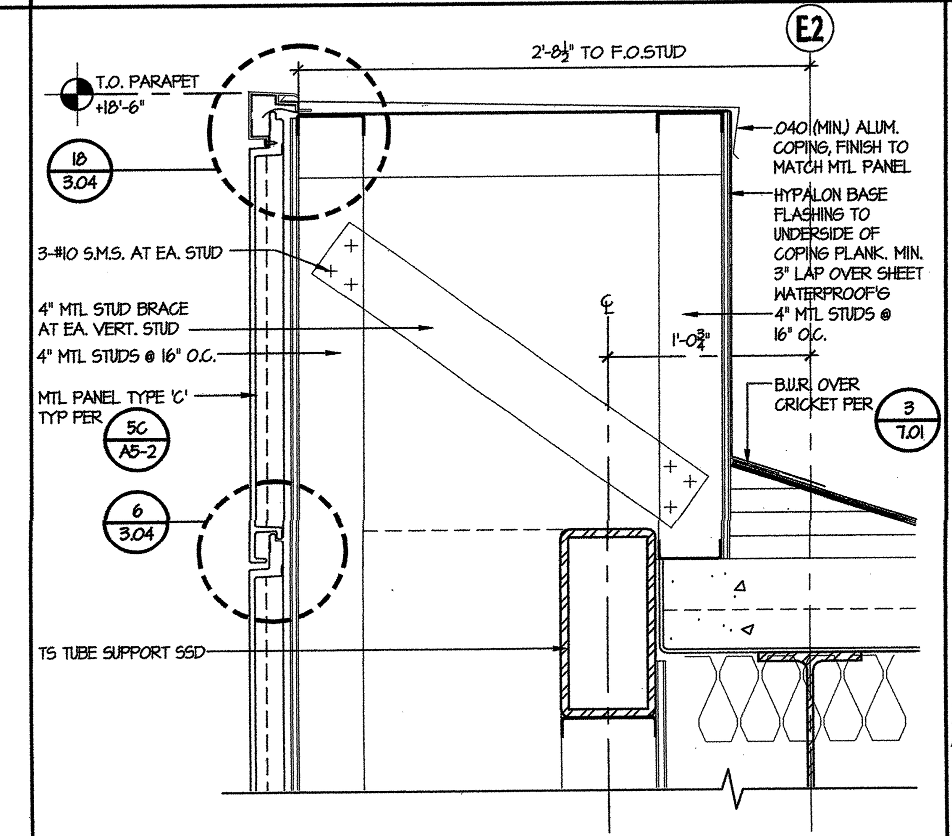
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:
TELESCOPE PIER TYPE IS SPECIFIC TO COLLEGE PURCHASE OF TELESCOPES. DUE TO SOLE SOURCE/SPECIFIC REQUIREMENTS, THE TELESCOPE PIERS ARE BEST COORDINATED AS AN OWNER FURNISHED/CONTRACTOR INSTALL ITEM. CONTRACTOR TO PROVIDE CREDIT PROPOSAL FOR TELESCOPE PIERS. ADDITIONALLY, ROOF SLOPE @ PIERS MAY RESULT IN NEED TO EXCEED MAXIMUM 2" GROUT @ PLATE. ENCLOSED IS NON SHRINK
Attachments: GROUT SPECIFICATION — WITH Aggregates - THAT has been provided by the structural eng. ALSO SEE ALL THREAD ROD/BOLT INFO.
By: T. Beckett 5/12/06

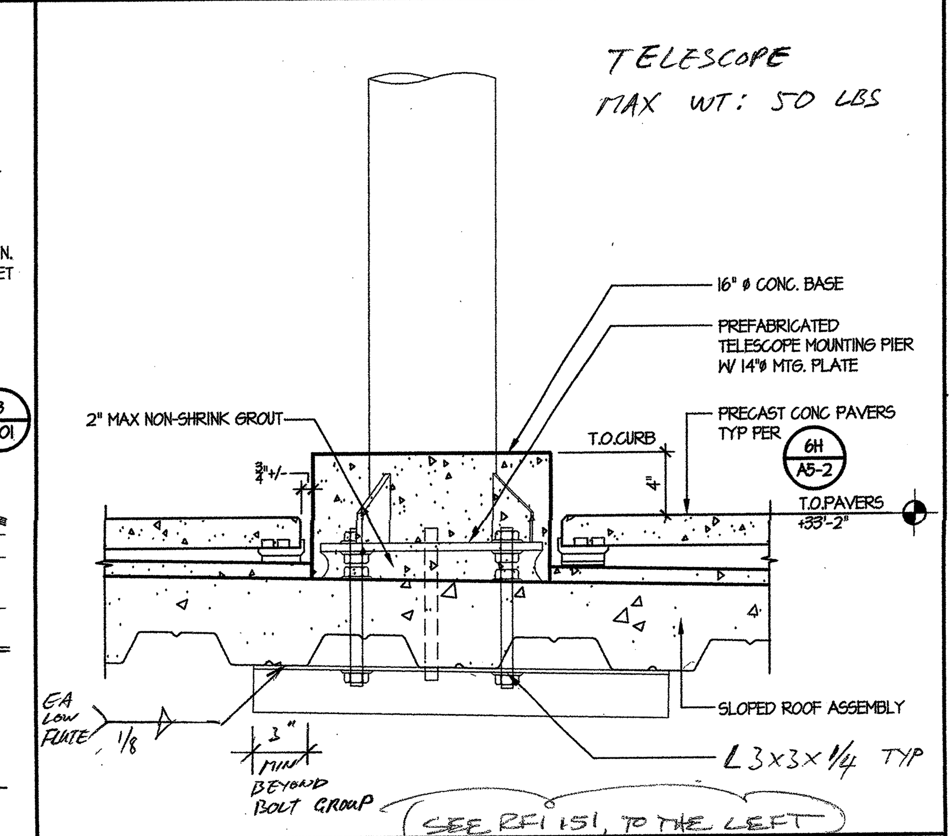
TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	2/15/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

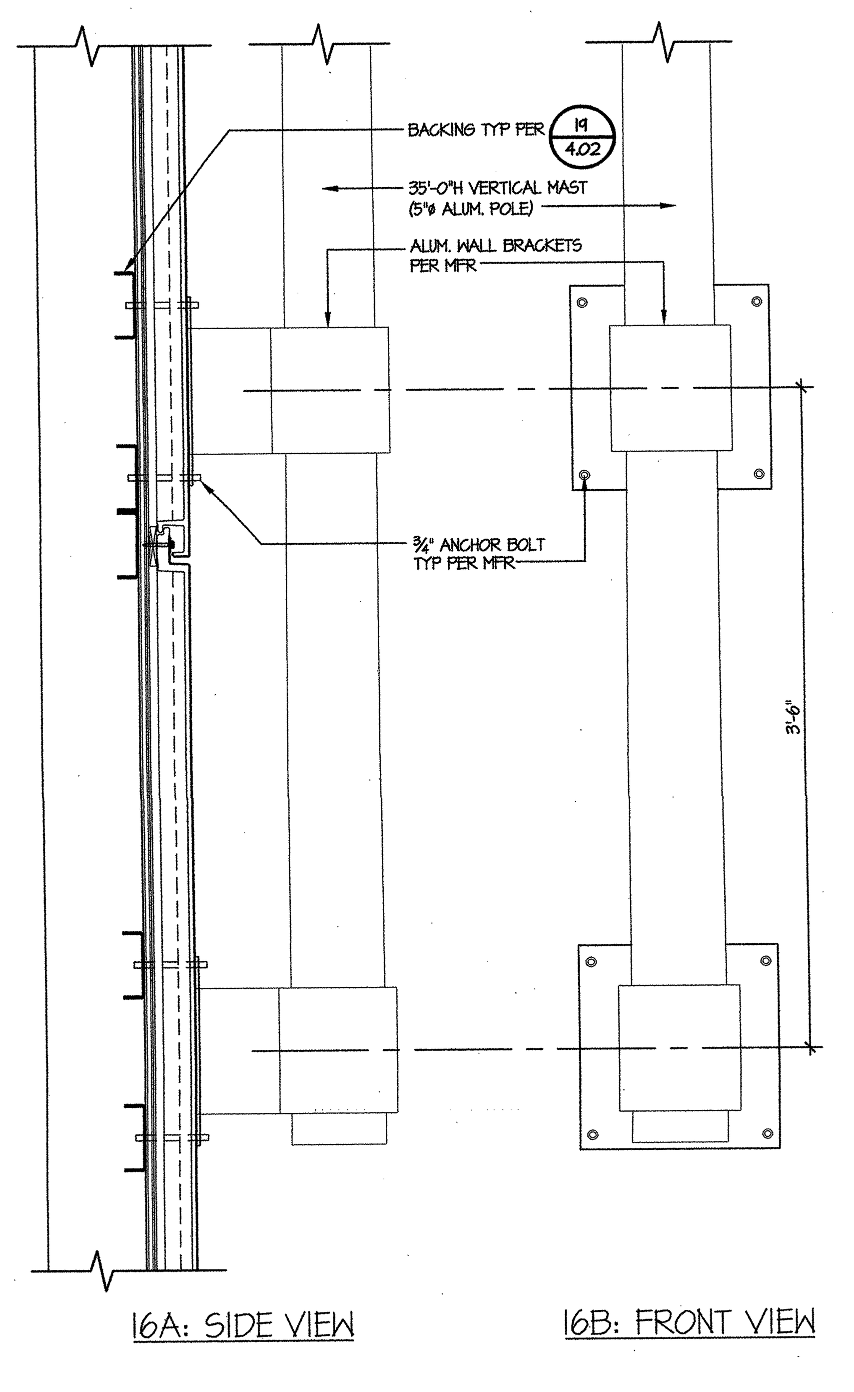
RFI # 000
Page 1



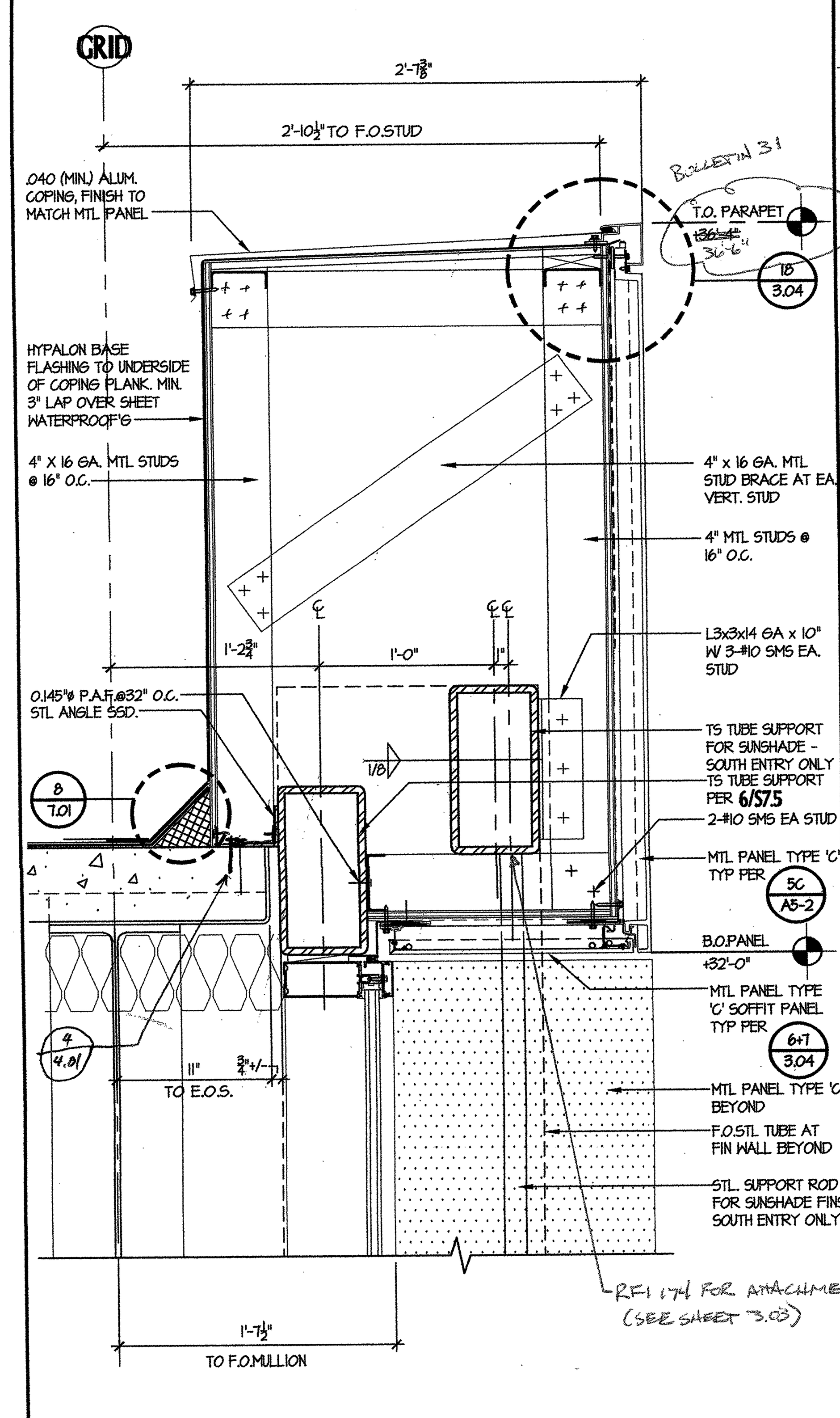
PARAPET DETAIL - MTL PANEL TYPE 'C' | 9
SCALE: 1 1/2" = 1'-0"



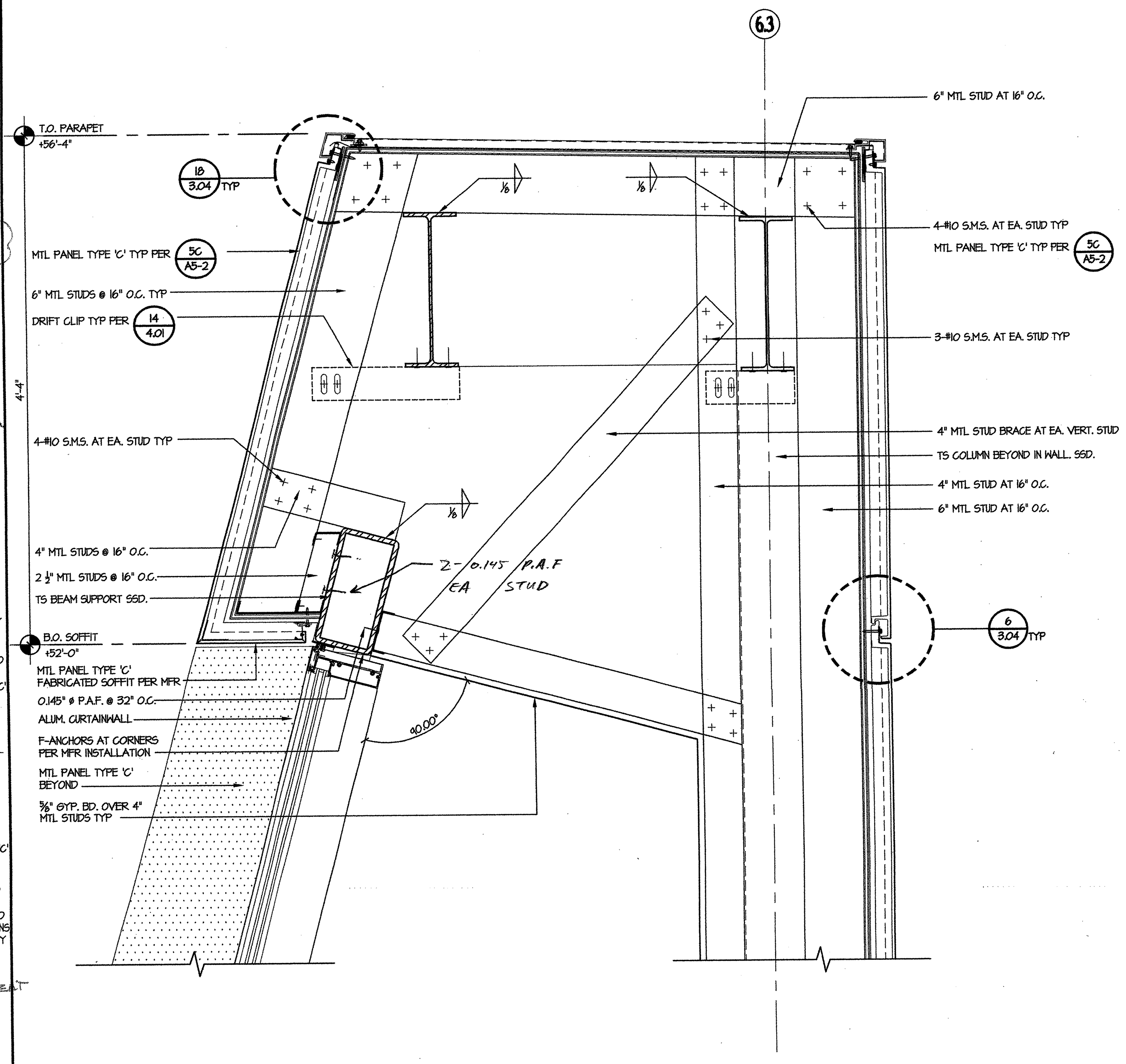
TELESCOPE PIER MOUNTING DETAIL | 10
SCALE: 1 1/2" = 1'-0"



MAST MOUNTING DETAILS | 17
SCALE: 1 1/2" = 1'-0"



PARAPET DETAIL - MTL PANEL TYPE 'C' | 18
SCALE: 1 1/2" = 1'-0"



PARAPET DETAIL AT STAIR #1 | 20
SCALE: 1-1/2" = 1'-0"

tBP
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planning
interiors
management

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
FILE No. 7-C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
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SCIENCE BUILDING
LOS MEDANOS COLLEGE
Contra Costa Community College District

tBP project number : 20247.00
file name: DTL-0703.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
ROOF DETAILS

LMC SCIENCE 313-023-11201-0-00.00
drawing no: 7.03

SCHEDULED DIMENSION TYPE "A"
5" 5"
SCHEDULED DIMENSION
FIRE-RATED GLASS U.N.O., SEE SCHED. AND NOTES 5 & 6
PANIC HARDWARE WHERE SCHEDULED
SCHEDULED DIMENSION TYPE "PR-A"

DOOR TYPE A

SCHEDULED DIMENSION
LOUVER WHERE OCCURS, SEE SCHEDULE ONLY FOR DOOR 174

DOOR TYPE B

SCHEDULED DIMENSION SEE MIN. SCH.

DOOR TYPE C

SCHEDULED DIMENSION
FIRE-RATED GLASS U.N.O., SEE SCHED. AND NOTES 5 & 6
PTD MTL PLATE FOR LOCKSET
SCHEDULED DIMENSION TYPE "PR-D"

DOOR TYPE D

SCHEDULED DIMENSION
7'-0"
2'-0"
ROLL DOWN COUNTER

DOOR TYPE E

B. CHANGES TO THE DRAWINGS: ADDENDA No. 5
B1. Refer to Drawings 8.01 and 8.02, Door Schedule:
DELETE "painted metal plate for lockset" from Door Type D.

ABBREVIATIONS

ALUM	ALUMINUM
DEM PART	DEMOUNTABLE PARTITION
EP	EPOXY PAINT
F	FACTORY FINISH
GL	GLASS
HCN	HOLLOW CORE NATURAL FINISH
HCP	HOLLOW CORE PAINT FINISH
HM	HOLLOW METAL
LAQ	LACQUER FINISH
MCN	MINERAL CORE NATURAL FINISH
MCP	MINERAL CORE PAINT FINISH
PE	PAINT EGGSHELL
PF	PAINT FLAT
PG	PAINT GLOSS
PH	EMERGENCY EGRESS HARDWARE
PR	PAIR
PS	PREFINISHED STEEL
PSG	PAINT SEMI-GLOSS
S	SEAL
SCN	SOLID CORE NATURAL FINISH
SCP	SOLID CORE PAINT FINISH
SCPL	SOLID CORE PLASTIC LAMINATE
SF	STAIN FINISH
SST	STAINLESS STEEL
STL	STEEL
UG	UNGLAZED
VF	VARNISH
W	WAX

NOTES

1. DOORS SHALL BE 1-3/4" THICK, UNLESS NOTED OTHERWISE.
2. THE SUFFIX '-PR' FOLLOWING THE 'DOOR TYPE' DESIGNATION ON THE DOOR SCHEDULE INDICATES PAIR OF DOORS. BOTH DOOR LEAVES ARE THE SAME SIZE, UNLESS NOTED OTHERWISE.
3. THE LETTER 'X' FOLLOWING THE 'DOOR TYPE' LETTER IN THE DOOR SCHEDULE INDICATES A FIXED PANEL ABOVE DOOR LEAF. SCHEDULE DIMENSION INCLUDES PANEL, UNLESS NOTED OTHERWISE.
4. FIXED PANELS SHALL BE OF THE SAME MATERIAL, CONSTRUCTION, AND THICKNESS AS DOOR LEAF, AND SHALL BE PROVIDED BY THE SAME MANUFACTURER, UNLESS NOTED OTHERWISE.
5. GLASS IN ALL FIRE RATED DOORS SHALL BE U.L. LISTED, 1/4" THICK, 45 MINUTE, WIRE GLASS, INSTALLED IN STEEL FRAMES.
6. GLASS IN NON-RATED EXTERIOR DOORS SHALL BE TEMPERED GLASS.
7. EXTERIOR DOOR REQUIREMENTS

ALL EXTERIOR DOORS IN BUILDINGS, INCLUDING, BUT NOT LIMITED TO DOORS OF TOILETS AND STORAGE ROOMS, SHALL CONFORM WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE:

- EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30" AND 44" ABOVE FINISH FLOOR.
- DEAD BOLTS ARE NOT PERMITTED UNLESS OPERABLE WITH A SINGLE EFFORT LEVER TYPE HARDWARE.
- ALL ROOMS SERVING AN OCCUPANCY LOAD OF 50 OR GREATER AND DOORS LOCATED ON THE DISCHARGE OF EXIT CORRIDORS ARE REQUIRED TO BE PROVIDED WITH PANIC HARDWARE (CBC 1007.3.10).
- ALL FIRE DOOR LABELS SHALL COMPLY WITH C.B.C. 7133

DOOR SCHEDULE

FIRST FLOOR

DOOR NO.	HARDWARE GROUP	DIMENSION WIDTH	DIMENSION HEIGHT	DOOR TYPE	DOOR MAT.	DOOR FINISH	DOOR COLOR	FRAME MAT.	FRAME FINISH	FRAME COLOR	DETAILS HEAD	DETAILS TRANSOM	DETAILS JAMB	DETAILS JAMB	DETAILS THRESHOLD	DOOR ASSEMBLY RATING	REMARKS	SIGNAGE NO.	SIGNAGE TEXT	SIGNAGE DETAIL
EXTERIOR DOORS																				
101	03	3'-0"	7'-10" BULLETIN 26	B	HM	PT	-	HM	PT	-	5/8.06	N/A	18/8.07	18/8.07	15/8.04	-	PANIC HARDWARE		EXIT	10+14/11.01
102	01	6'-0"	7'-10"	A-PR	ALUM	-	-	ALUM	-	-	3/8.06	8/8.06	15/8.05	12/8.06	13/8.06	-	PANIC HARDWARE		EXIT	
103	01A	6'-0"	7'-10"	A-PR	ALUM	-	-	ALUM	-	-	3/8.06	8/8.06	12/8.06	15/8.05	13/8.06	-	PANIC HARDWARE		EXIT	10+14/11.01
104	RFI No 2 ~~01E~~	6'-0"	7'-10"	A-PR	ALUM	-	-	ALUM	-	-	3/8.06	8/8.06	12/8.06	15/8.05	13/8.06	-	PANIC HARDWARE		EXIT	
105	01A	6'-0"	7'-10"	A-PR	ALUM	-	-	ALUM	-	-	3/8.06	8/8.06	15/8.05	12/8.06	13/8.06	-	PANIC HARDWARE		EXIT	10+14/11.01
106	04	4'-0"	7'-10" BULLETIN 26	B	HM	PT	-	HM	PT	-	5/8.06	N/A	18/8.07	18/8.07	15/8.04	-	30 X 20 LOUVER PER MECHANICAL	S1123	MECHANICAL	19/11.01
107	05	6'-0"	7'-10"	~~B-PR~~ D-PR	~~HM~~ ALUM	-	-	~~HM~~ ALUM	-	-	-	-	-	-	15/8.04	-		S139	CADAVER	19/11.01
108	04	4'-0" BULLETIN 26	7'-10"	B	HM	PT	-	HM	PT	-	5/8.06	N/A	14/8.06	14/8.06	15/8.04	-		S141	SERVICE	19/11.01
~~109~~	~~02~~	~~3'-6"~~	~~7'-10"~~	~~A~~	~~ALUM~~	NOT ~~USED~~ STET		~~ALUM~~	DOOR IS USED		-	-	-	-	15/8.04	-	PANIC HARDWARE		EXIT	14/11.01
110	02	3'-6"	7'-10" BULLETIN 26	A	ALUM	-	-	ALUM	-	-	-	-	-	-	15/8.04	-	PANIC HARDWARE		EXIT	14/11.01
111	01	6'-0"	7'-10"	~~B-PR~~ D-PR	HM	PT	-	HM	PT	-	5/8.06	N/A	10/8.06	10/8.06	15/8.04	-	PANIC HARDWARE		EXIT	14/11.01
112	01A	6'-0"	7'-10"	A-PR	ALUM	-	-	ALUM	-	-	3/8.06	8/8.06	18/3.02	18/3.02	13/8.06	-	PANIC HARDWARE		EXIT	10+14/11.01
INTERIOR DOORS																				
113	06	6'-0"	7'-10"	D-PR	HM	PT	-	HM	PT	-	12/8.03	N/A	12/8.03	12/8.03	19/8.03	20 MIN.	PANIC HARDWARE	S136	LECTURE HALL	19/11.01
114	06	6'-0"	7'-10"	B-PR	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	20 MIN.	PANIC HARDWARE		STAIR #2	14+17/11.01
115	07	3'-6"	7'-10"	C~~B~~	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	20 MIN.	-	S1138	ELECTRICAL	19/11.01
116	08	3'-0"	7'-10"	C~~B~~	HM	-	-	HM	-	-	11/8.03	N/A	11/8.03	11/8.03	18/8.03	20 MIN.	-	S135	MEN	~~1+6~~ 2+9/11.01
117	08	3'-0"	7'-10"	C~~B~~	HM	-	-	HM	-	-	11/8.03	N/A	11/8.03	11/8.03	18/8.03	20 MIN.	-	S134	WC	1+6/11.01
118	09	3'-6"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S133	ANATOMY LAB	19/11.01
119	10	3'-0"	7'-10"	B	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/803	15/803	-	-			
NOT USED																				
121	11	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	20 MIN.	-	S132	CLASSROOM	19/11.01
122	09	3'-6"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S130	BIOLOGY LAB	19/11.01
123	12	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-			
124	09	3'-6"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S133	ANATOMY LAB	19/11.01
125	11	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	20 MIN.	-	S131	CLASSROOM	19/11.01
126	12	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-			
127	09	3'-6"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S130	BIOLOGY LAB	19/11.01
128	12	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S128	PREP/STOCK ROOM	19/11.01
129	10	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	-	S142	PLANT STUDY	19/11.01
130	11	3'-6"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S128	STOCK ROOM	19/11.01
131	10	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	-	S143	OFFICE	19 ~~18~~/11.01
132	11	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S129	CLASSROOM	19/11.01
133	09	3'-6"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S127	LAB	19/11.01
134	12	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-			
135	09	3'-6"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S126	BIOLOGY LAB	19/11.01
136	12	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S128		
137	10	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	-	S144	STUDY	19/11.01
138	12	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S102		
139	09	3'-6"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S126	BIOLOGY LAB	19/11.01
140	09	3'-6"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S127	LAB	19/11.01
141	11	3'-6"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S125	PREP/STOCK ROOM	19/11.01
142	13	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	-	S127		
143	10	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	S147	STORAGE	19/11.01
NOT USED																				
145	10	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	-	S145	AUTOCLAVE	19/11.01
146	11	3'-0"	7'-10"	C	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	20 MIN.	-			15/11.01
147	14	3'-0"	7'-10"	B	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	S124	RESOURCE ROOM	19/11.01
~~148~~	~~07~~	~~3'-0"~~	~~7'-10"~~	~~B~~	~~HM~~	-	-	~~HM~~	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	60 MIN.	-	S1123	MECHANICAL	19/11.01
149	14	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	S122	OFFICE	19 ~~18~~/11.01
150	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	S121	OFFICE	19 ~~18~~/11.01
151	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	S120	OFFICE	19 ~~18~~/11.01
152	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	S119	OFFICE	19 ~~18~~/11.01
153	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	S118	OFFICE	19 ~~18~~/11.01
154	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	S117	OFFICE	19 ~~18~~/11.01

DOOR ELIMINATED PER BULLETIN 16

DOOR SCHEDULE

FIRST FLOOR CONT'D

DOOR NO.	HARDWARE GROUP	DIMENSION WIDTH	DIMENSION HEIGHT	DOOR TYPE	DOOR MAT.	DOOR FINISH	DOOR COLOR	FRAME MAT.	FRAME FINISH	FRAME COLOR	DETAILS HEAD	DETAILS TRANSOM	DETAILS JAMB	DETAILS JAMB	DETAILS THRESHOLD	DOOR ASSEMBLY RATING	REMARKS	SIGNAGE NO.	SIGNAGE TEXT	SIGNAGE DETAIL
INTERIOR DOORS																				
155	15	3'-0"	7'-10"	D	~~WD~~ HM	PT	-	HM	PT	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	S116	OFFICE	19 ~~18~~/11.01
156	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	S115	OFFICE	19 ~~18~~/11.01
157	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	S114	OFFICE	19 ~~18~~/11.01
158	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.30	16/8.03	-	-	S113	OFFICE	19 ~~18~~/11.01
159	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	S111	OFFICE	19 ~~18~~/11.01
160	16	3'-0"	7'-10"	B	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	S1112	ELEV. EQUIPMT.	19/11.01
161	11	3'-0"	7'-10"	C	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	20 MIN.	-			15/11.01
162	17	3'-0"	7'-10"	B	HM	-	-	HM	-	-	11/8.03	N/A	11/8.03	11/8.03	18/8.03	20 MIN.	-	S106	MEN	2+7/11.01
163	17	3'-0"	7'-10"	B	HM	-	-	HM	-	-	11/8.03	N/A	11/8.03	11/8.03	18/8.03	20 MIN.	-	S107	WOMEN	1+6/11.01
164	07	3'-0"	7'-10"	B	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	20 MIN.	-	S110	STORAGE	19/11.01
165	07	3'-0"	7'-10"	B	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	20 MIN.	-	S1109	JANITOR	19/11.01
166	18	3'-0"	7'-10"	B	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	20 MIN.	-	S1108	DATA	19/11.01
167	19	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	19/8.03	20 MIN.	-	S102	CLASSROOM	19/11.01
168	06	6'-0"	7'-10"	PR-D	HM	-	-	HM	-	-	3/8.03	4/8.03	7/8.03	7/8.03	-	20 MIN.	PANIC HARDWARE		STAIR #1	17/11.01
169	06	6'-0"	7'-10"	PR-D	~~WD~~ HM	-	-	HM	-	-	1/8.03	4/8.03	6/8.03	6/8.03	17/8.03	20 MIN.	PANIC HARDWARE	S103	TUTORIAL CTR.	-
NOT USED																				
171	14	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	17/8.03	-	-	S104	STUDY	19/11.01
172	14	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	17/8.03	-	-	S105	STUDY	19/11.01
173	10	3'-0"	7'-10"	B	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	-			
174	10	3'-0"	7'-10"	B	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	12X6 LOUVERS		AV STORAGE	19/11.01

Refer to Drawings 8.01, 8.02, Door Schedules: ADDENDUM No. 1
a. All "WD" doors are changed to "HM".
b. Room signage shall not identify room usage or personnel. Delete signage text from schedules typical.
c. All HM doors and frames are to be finished to match paint color of adjacent wall.
d. Frame and door material at Door 107 is changed to Aluminum. Door type is changed to "D-PR".
e. Door 109 is deleted as NOT USED.
f. Door type for door 111 is changed to "D-PR".
g. Signage detail keys for door 116 are 2+7/11.01 and for door 117 are 1+6/11.01.
h. At all doors with signage detail key 18/11.01, detail key is changed to 19/11.01.

Bulletin No. 26

Date: 4/28/2006
To: S.J. Amoroso Construction, 390 Bridge Parkway, Redwood Shores CA 94065
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District, DSA No. 01-106226, File # 7-C1

Description: REFERENCE: Sheets A0-1.1, A3-2, 1/A4-1, 8/A4-2, 8.01, 8.02, 8.85; Submittal #39, 60, 72 and 81:

1. Revise dimensions of HM 13 at Mech./Chiller Pump Room as shown on attached sketches SKA-26.1 to SKA-26.3. Also see related changes as follows.
   - Increase area of louver accordingly to fit increased size of HM frame. Reference Submittal #81.
   - Provide credit of removal of metal stud framing, exterior sheathing, exterior plaster system including waterproofing and metal lath, and interior sheathing.
   - Provide credit of removal of metal sill trim. Terminate base of interior side of sheathing at top of concrete curb. And revise attachment of HM frame to concrete curb. Reference SKA-26.2.
   Provide re-submittal to HM 13, submittal #60.
2. Revise height of the following HM doors to be 7'-9 ¾".
   - Door #101 (Auto-Tutorial Center 102),
   - Door #106 (Mechanical Room 123)
   - Door #111 (Lecture Hall 141)
   - Door #302 and #303 (Observation Lobby 302)
   - M101 and M102 (Mech./Chiller Pump Room M101).
   - Revise dimension of door #108 (Chem. Waste Storage) to be 3'-8" W x 7'-9 ½" H. See future Bulletin #32 for revision of concrete curb at this door.
   The revision is to coordinate top of HM frame with the joints of exterior cement plaster and metal panel. Top of HM door frames are to align with bottom of joint reveal on cement plaster and metal panel. Reference sheet 8.01 and 8.02.

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BULLETIN # 26
LOS MEDANOS COLLEGE SCIENCE BUILDING

See attached mark up on related pages of submittal #60.

3. Delete metal panel finish on exterior wall above HM doors at Doors:
   - #101 (exterior door at Auto-Tutorial Center #102)
   - #106 (exterior door at Mechanical Room #123)
   - #111 (Lecture Hall 141)
   Replace deleted metal panel finish with cement plaster above the doors #101, #106 and #111; color of cement plaster to match adjacent cement plaster wall.
   Reference exterior elevations on contractor documents 1/A4-1 and 6/A4-2. Provide credit to removal of metal panel finish and jointeries.
4. Revise door #304 to schedule as follows. See Roof Plan A3-2 for door swing direction.
   - Hardware group: 07
   - Door Dimension: 3'-0" W x 7'-6" H
   - Door type: B
   Provide credit to revision from double door to single door (frame, door and door hardware). Provide re-submittal for HM door #304. Submittal #60 and hardware for the door, Submittal #39. Reference sheet 8.02.

Issued By: Architect
Requested By: Architect
Reason: Coordination with HM doors and frames.
Enclosures: SKA-26.1 to SKA-26.3, Mark up to partial submittal #39 – Door Hardware (page 4 & 19 of 19), and submittal #60 – HM Frames (page 1, 8, 9 of 10, and S/sw111)

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Action:
- For Information/Clarification only
- Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- Requires DSA review and approval
- Proceed as authorized by District

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S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
tBP p/n: 20247.00
Subj.: Thresholds not shown on drawings
RFI No: 346
Subcontractor RFI: SMP
Reference (dwg, spec.):
Reply Requested By: 9/18/06

INFORMATION REQUESTED: Date: 9/11/06
Please note the attached Security Metal Products RFI regarding thresholds not listed on the hardware schedule or shown on the architectural drawings. The Doors include 101, 106, 169, 171, 201, 206, 302 and 303. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren
RESPONSE: DATE: 9/13/06
I show thresholds required in the specification for Doors 101, 106, 302, 303, M101 & M102. Contractor need to refer to the sill details and the Hardware Schedule for the appropriate information.
I did not list thresholds in the specification for Doors 169, 171, 172, 201, 220 & 206 because I believe that these are interior doors. If contractors do indeed require thresholds, please refer to the sill details and provide accordingly.
Jeff Silveira, AHC/Ingersoll Rand Security Technologies
9/11/06

RFI # 000
Page 1

08/16/2006 14:38 9254277570
FROM: AKTABOWSKI
PHONE NO.
Aug. 15 2006 07:31PM P1

SECURITY METAL PRODUCTS CORP.
634 ACADIA TRAIL
ROSELLE, IL 60172
PHONE: 630-924-6205 FAX: 630-924-5516

DATE: August 15, 2006
FROM: Anthony Aktabowski CDC
TO: S.J. Amoroso Const. Co., Inc. Attn: Mark Delgado
FAX # 925-427-7570
PAGES: 1
RE: Los Medanos Science Building SMP # 9381

The hardware schedule doesn't list thresholds at the following openings which show a threshold on the architectural drawings. Please advise if thresholds will be furnished, or should we figure our clearance from the floor.
101, 106, 169, 171, 172, 201, 202, 206, 302 and 303. Also, M101 and M102 are exterior doors, should't there be a threshold???

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Oakland, CA 94612
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...NG
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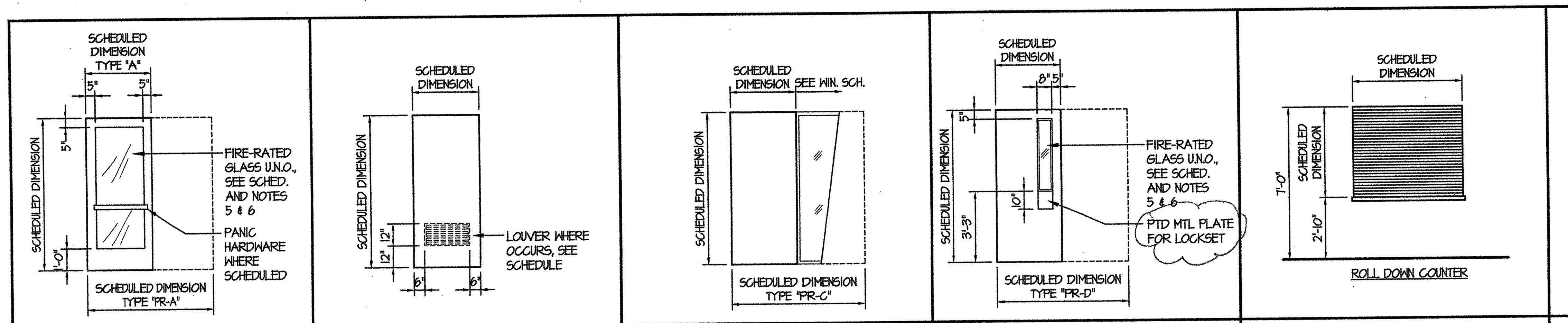
District

rev.	date	description

drawing title:
DOOR SCHEDULE
FIRST FLOOR

LMC SCIENCE 313-023-112.01-0-0.00
drawing no:
8.01



DOOR TYPE A	DOOR TYPE B	DOOR TYPE C	DOOR TYPE D	DOOR TYPE E
				NOTE DELETED, SEE SHEET 8.01

ABBREVIATIONS

ALUM	ALUMINUM
DEM PART	DEMOUNTABLE PARTITION
EP	EPOXY PAINT
F	FACTORY FINISH
GL	GLASS
HCN.	HOLLOW CORE NATURAL FINISH
HCP	HOLLOW CORE PAINT FINISH
HM.	HOLLOW METAL
LAQ	LACQUER FINISH
MCN.	MINERAL CORE NATURAL FINISH
MCP	MINERAL CORE PAINT FINISH
PE	PAINT EGGSHELL
PF	PAINT FLAT
PG	PAINT GLOSS
P.H.	EMERGENCY EGRESS HARDWARE
PS	PREFINISHED STEEL
PSG.	PAINT SEMI-GLOSS
S.	SEAL
SCN.	SOLID CORE NATURAL FINISH
SCP	SOLID CORE PAINT FINISH
SCPL	SOLID CORE PLASTIC LAMINATE
SF	STAIN FINISH
SST	STAINLESS STEEL
STL	STEEL
UG.	UNGLAZED
VF.	VARNISH
W	WAX

NOTES

1. DOORS SHALL BE 1-3/4" THICK, UNLESS NOTED OTHERWISE.
2. THE SUFFIX '-PR' FOLLOWING THE 'DOOR TYPE' DESIGNATION ON THE DOOR SCHEDULE INDICATES PAIR OF DOORS. BOTH DOOR LEAVES ARE THE SAME SIZE, UNLESS NOTED OTHERWISE.
3. THE LETTER 'X' FOLLOWING THE 'DOOR TYPE' LETTER IN THE DOOR SCHEDULE INDICATES A FIXED PANEL ABOVE DOOR LEAF. SCHEDULE DIMENSION INCLUDES PANEL, UNLESS NOTED OTHERWISE.
4. FIXED PANELS SHALL BE OF THE SAME MATERIAL, CONSTRUCTION, AND THICKNESS AS DOOR LEAF, AND SHALL BE PROVIDED BY THE SAME MANUFACTURER, UNLESS NOTED OTHERWISE.
5. GLASS IN ALL FIRE RATED DOORS SHALL BE U.L. LISTED, 1/4" THICK, 45 MINUTE, WIRE GLASS, INSTALLED IN STEEL FRAMES.
6. GLASS IN NON-RATED EXTERIOR DOORS SHALL BE TEMPERED GLASS.
7. EXTERIOR DOOR REQUIREMENTS

   ALL EXTERIOR DOORS IN BUILDINGS, INCLUDING, BUT NOT LIMITED TO DOORS OF TOILETS AND STORAGE ROOMS, SHALL CONFORM WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE:

   - EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
   - HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30" AND 44" ABOVE FINISH FLOOR.
   - DEAD BOLTS ARE NOT PERMITTED UNLESS OPERABLE WITH A SINGLE EFFORT LEVER TYPE HARDWARE.
   - ALL ROOMS SERVING AN OCCUPANCY LOAD OF 50 OR GREATER AND DOORS LOCATED ON THE DISCHARGE OF EXIT CORRIDORS ARE REQUIRED TO BE PROVIDED WITH PANIC HARDWARE (CBC 1007.3.10).
   - ALL FIRE DOOR LABELS SHALL COMPLY WITH C.B.C. 713.3

DOOR SCHEDULE

DOOR NO.	HARD-WARE GROUP	DIMENSION WIDTH	DIMENSION HEIGHT	DOOR TYPE	DOOR MAT.	DOOR FINISH	DOOR COLOR	FRAME MAT.	FRAME FINISH	FRAME COLOR	DETAILS HEAD	DETAILS TRANSOM	DETAILS JAMB	DETAILS JAMB	DETAILS THRESHOLD	DOOR ASSEMBLY RATING	REMARKS	SIGNAGE NO.	SIGNAGE TEXT	SIGNAGE DETAIL
SECOND FLOOR																				
201	20	3'-0"	7'-10"	D	HM	PT	-	HM	PT	-	1/8.03	N/A	6/8.03	6/8.03	-/-	20 MIN.	PANIC HARDWARE		STAIR #1	~~15~~+17/11.01
202	20	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	17/8.03	20 MIN.	PANIC HARDWARE		STAIR #1	~~15~~+17/11.01
NOT USED																				
NOT USED																				
NOT USED																				
206	30	6'-0"	7'-10"	D-PR	~~WD~~ HM	-	-	HM	-	-	1/8.03	4/8.03	6/8.03	6/8.03	17/8.03	20 MIN.	PANIC HARDWARE	5202	TECH/MEDIA CENTER	~~15~~/11.01
207	19	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	20 MIN.	-	5206	SEMINAR	19/11.01
208	16	3'-0"	7'-10"	B	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	-	52207	DATA	19/11.01
209	19	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	20 MIN.	-	5208	SEMINAR	19/11.01
210	11	3'-0"	7'-10"	C	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	20 MIN.	-			~~15~~/11.01
211	16	3'-0"	7'-10"	B	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	52212	JANITOR	19/11.01
212	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	5211	OFFICE	18/11.01
213	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	5213	OFFICE	18/11.01
214	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	5214	OFFICE	18/11.01
215	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	5215	OFFICE	18/11.01
216	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	5216	OFFICE	18/11.01
217	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	5217	OFFICE	18/11.01
218	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	5218	OFFICE	18/11.01
219	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	5219	OFFICE	18/11.01
220	15	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	5220	OFFICE	18/11.01
221	14	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	5221	OFFICE	18/11.01
222	14	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	5222	CONFERENCE ROOM	19/11.01
223	14	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	-	-	5223	RESOURCE ROOM	19/11.01
224	11	3'-0"	7'-10"	C	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	20 MIN.	-			~~15~~/11.01
225	17	3'-0"	7'-10"	B	HM	-	-	HM	-	-	11/8.03	N/A	11/8.03	11/8.03	18/8.03	20 MIN.	-	5210	WOMEN	1+6/11.01
226	17	3'-0"	7'-10"	B	HM	-	-	HM	-	-	11/8.03	N/A	11/8.03	11/8.03	18/8.03	20 MIN.	-	5209	MEN	2+7/11.01
227	09	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5225	CLASSROOM	19/11.01
228	10	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	-	5224	STORAGE	19/11.01
229	09	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5225	CLASSROOM	19/11.01
230	11	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	20 MIN.	-	5227	CLASSROOM	19/11.01
231	11	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	20 MIN.	-	5229	CLASSROOM	19/11.01
232	12	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5235	ORG. CHEM. LAB	19/11.01
233	21	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	16/8.03	20 MIN.	-	5231	OFFICE	18/11.01
234	22	~~[illegible]~~ BULLETIN 16	7'-10"	A-PR	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	MAG. HOLD-OPEN	-		~~15~~/11.01
235	11	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5233	INSTRUMENT ROOM	19/11.01
236	12	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.		5235	INSTRUMENT ROOM	19/11.01
NOT USED																				
238	09	3'-6"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5235	ORG. CHEM. LAB	19/11.01
239	11	3'-6"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5237	PREP/STOCK ROOM	19/11.01
240	11	3'-6"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5237	PREP/STOCK ROOM	19/11.01
241	11	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN	-	5242	OFFICE	18/11.01
242	18	3'-0"	7'-10"	B	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	52241	ELEV. MACH.	19/11.01
243	07	3'-0"	7'-10"	B	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	20 MIN.	-	52234	ELECTRICAL	19/11.01
244	20	3'-6"	7'-10"	D	HM	-	-	HM	-	-	1/8.05	N/A	10/8.05	10/8.05	-/-	20 MIN.	PANIC HARDWARE	-	STAIR #2	15+17/11.01
245	09	3'-6"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5234	CHEM. LAB	19/11.01
246	09	3'-6"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5234	CHEM. LAB	19/11.01
247	10	3'-0"	7'-10"	B	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	-	5236	INSTRUMENT ROOM	19/11.01
248	21	3'-0"	7'-10"	D	~~WD~~ HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5232	OFFICE	18/11.01
249	11	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5230	ENG. LAB	19/11.01
250	11	3'-6"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5230	ENG. LAB	19/11.01
251	12	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	-	5228	PREP/STOCK ROOM	19/11.01
252	11	3'-6"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5228	PREP/STOCK ROOM	19/11.01
253	10	3'-0"	7'-10"	B	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	-	5238	OFFICE	18/11.01
254	12	3'-0"	7'-10"	D	HM	-	-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	-	5228	PREP/STOCK ROOM	19/11.01
255	23	3'-0"	7'-10"	B	HM	PT	-	HM	PT		1/8.03	N/A	6/8.03	6/8.03	15/8.03	-	-	5240	OPTICS	19/11.01
256	09	3'-6"	7'-10"	D	HM		-	HM		-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5226	PHYSICS LAB	19/11.01
257	09	3'-6"	7'-10"	D	HM		-	HM	-	-	1/8.03	N/A	6/8.03	6/8.03	15/8.03	60 MIN.	-	5226	PHYSICS LAB	19/11.01
258	24	4'-6"	4'-6"	E	MTL	-	-	HM		-	-/-	-/-	-/-	-/-	-/-	60 MIN.	ROLL-DOWN FIRE SHUTTER			
ROOF																				
301	25	3'-0"	7'-6"	A	ALUM	-	-	ALUM	-	-	7/8.04	-/-	12/8.04	12/8.04	20/8.06	-	PANIC HARDWARE	-	STAIR #1	~~15~~+17/11.01
302	26	3'-0"	~~7'-6"~~	D	HM	PT	-	HM	PT	-	4/8.06	N/A	9/8.06	9/8.06	15/8.06	-	PANIC HARDWARE			
303	26	3'-0"	~~7'-6"~~	D	HM	PT	-	HM	PT	-	4/8.06	N/A	9/8.06	9/8.06	15/8.06	-	PANIC HARDWARE			
304	29	6'-0"	7'-6"	PR-B	HM	PT	-	HM	PT	-	1/8.03	N/A	6/8.03	6/8.03	15/8.04	-	-		STORAGE	19/11.01
305	-	4'-0"	3'-0"	-	STL	-	-	-	-	-	-/-	-/-	-/-	-/-	-/-	-	PTD. STL. GATE			
MECH./CHILLER/PUMP BUILDING																				
M101	04	3'-6"	~~7'-10"~~	B	HM	PF	-	HM	PT	-	4/8.06	-/-	18/8.07	18/8.07	-/-	-	-	-	MECH. BLDNG	19/11.01
M102	04	3'-6"	~~7'-10"~~	B	HM	PT	-	HM	PT	-	4/8.06	-/-	18/8.07	18/8.07	-/-	-	-	-	MECH. BLDNG	19/11.01

BULLETIN 26, SHEET 8.01

ADDENDUM No. 1

14. Refer to Drawings 8.01, 8.02, Door Schedules:
    a. All "WD" doors are changed to "HM".
    b. Room signage shall not identify room usage or personnel. Delete signage text from schedules typical.
    c. All HM doors and frames are to be finished to match paint color of adjacent wall.
    d. Frame and door material at Door 107 is changed to Aluminum. Door type is changed to "D-PR".
    e. Door 109 is deleted as NOT USED.
    f. Door type for door 111 is changed to "D-PR".
    g. Signage detail keys for door 116 are 2+7/11.01 and for door 117 are 1+6/11.01.
    h. At all doors with signage detail key 18/11.01, detail key is changed to 19/11.01.

tBP architecture planning interiors management

LICENSED ARCHITECT · RICHARD A. MANIOU, AIA · NO. C-8885 · REN. · STATE OF CALIFORNIA

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DATE 1-12-05

FILE No. 7-C1
Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

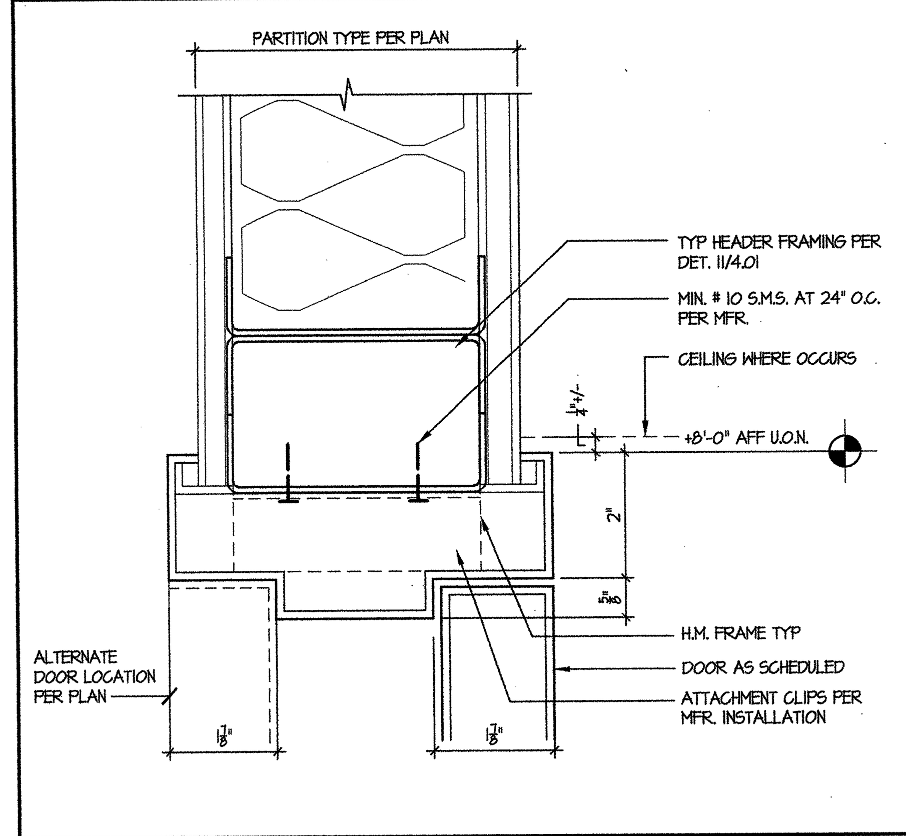
SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

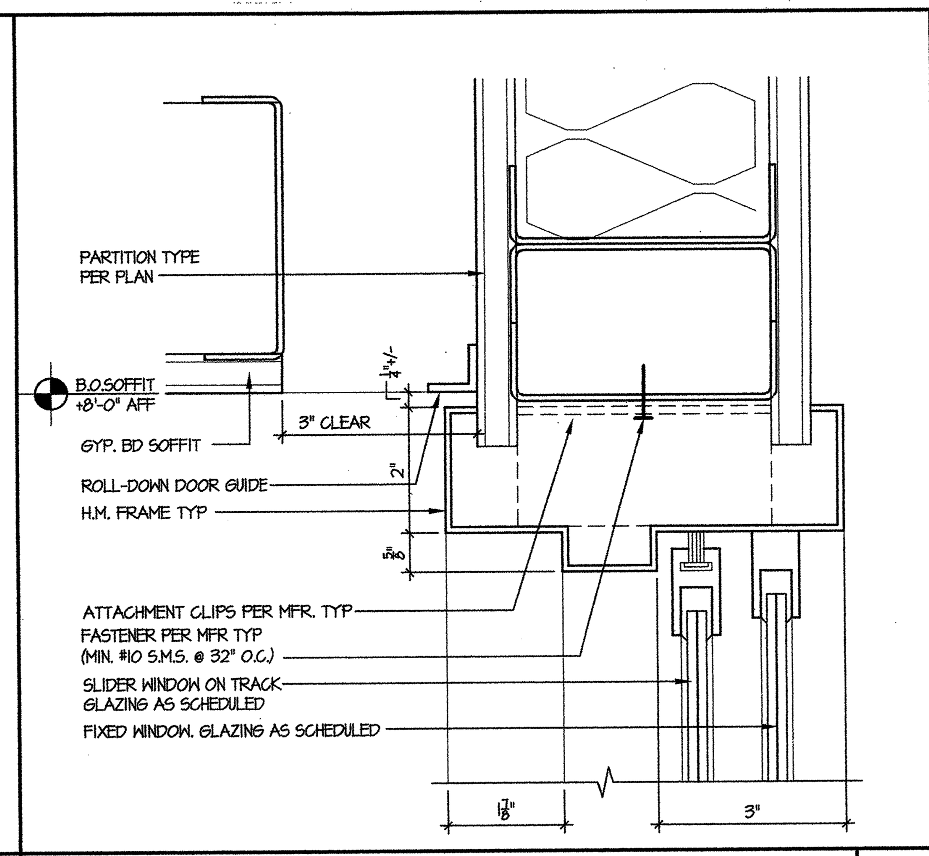
tBP project number : 20247.00
file name: DTL-0802.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004

Rev.	date	description

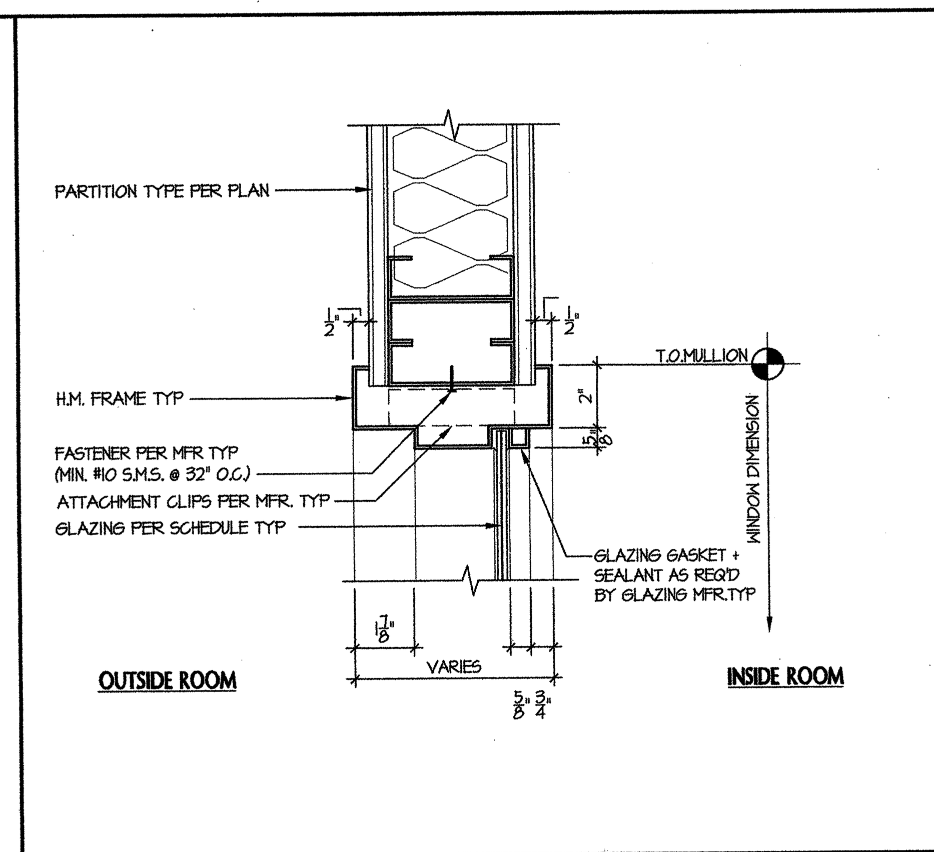
drawing title:
DOOR SCHEDULE
SECOND FLOOR
LMC SCIENCE 313-023-112.01-0-00.00
drawing no: 8.02



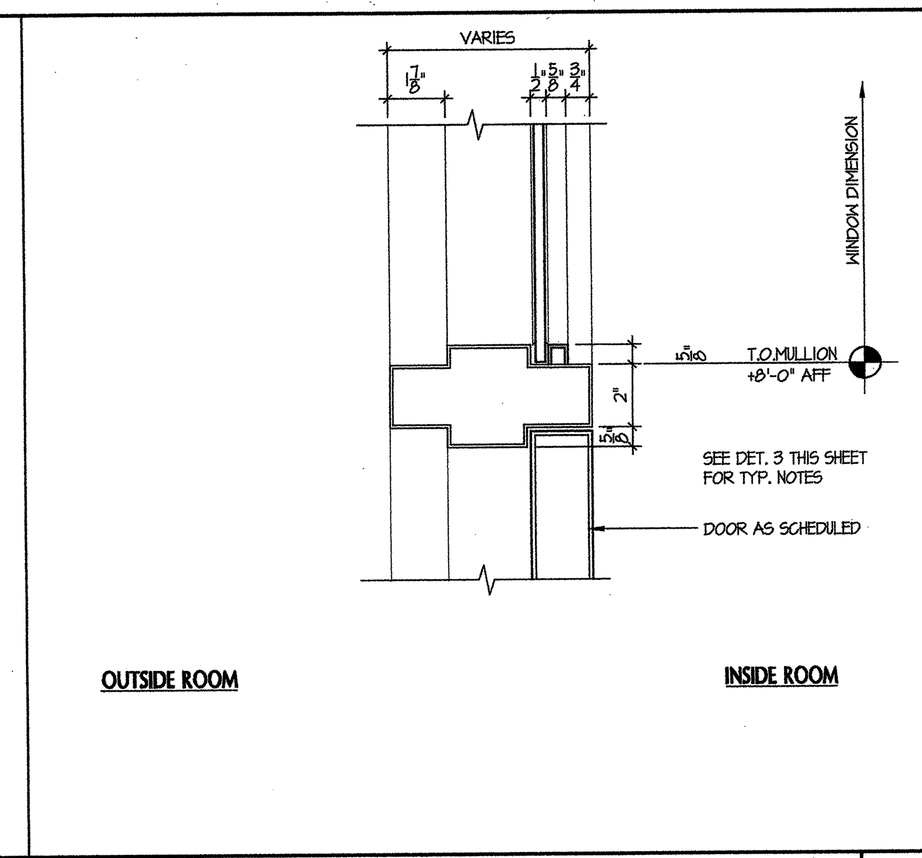
TYP HM HEAD DETAIL — SCALE: HALF — 1



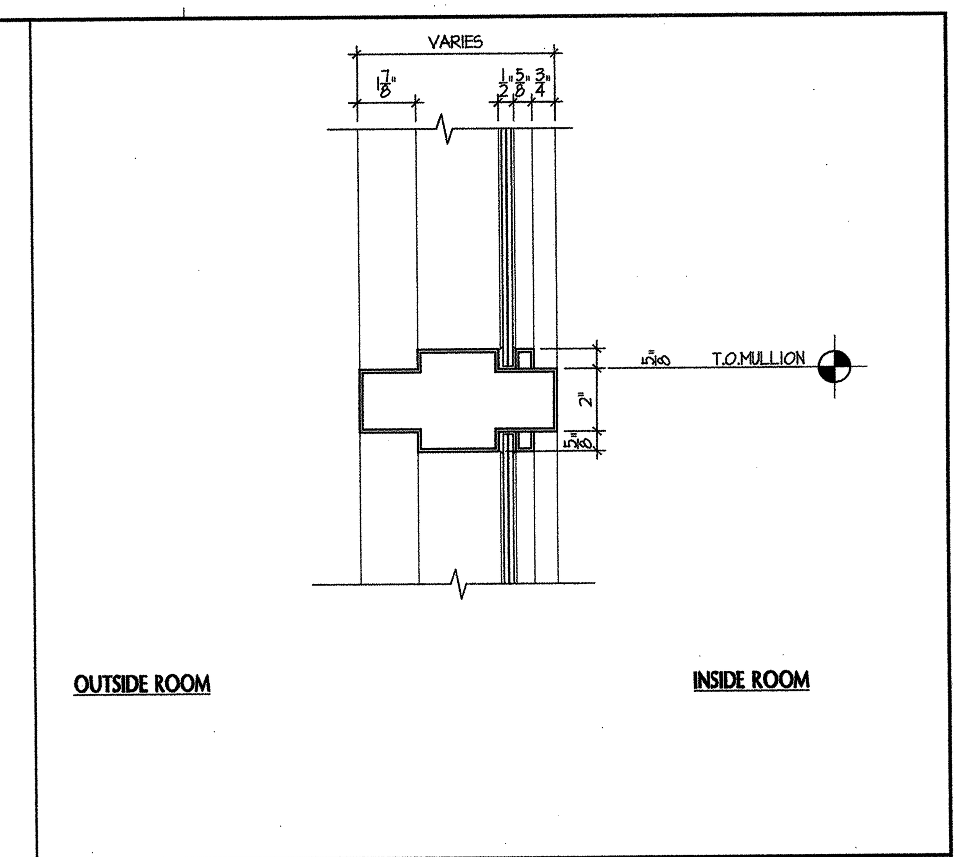
HEAD DETAIL AT PASS-THRU WINDOW (SILL SIM) — SCALE: HALF — 2



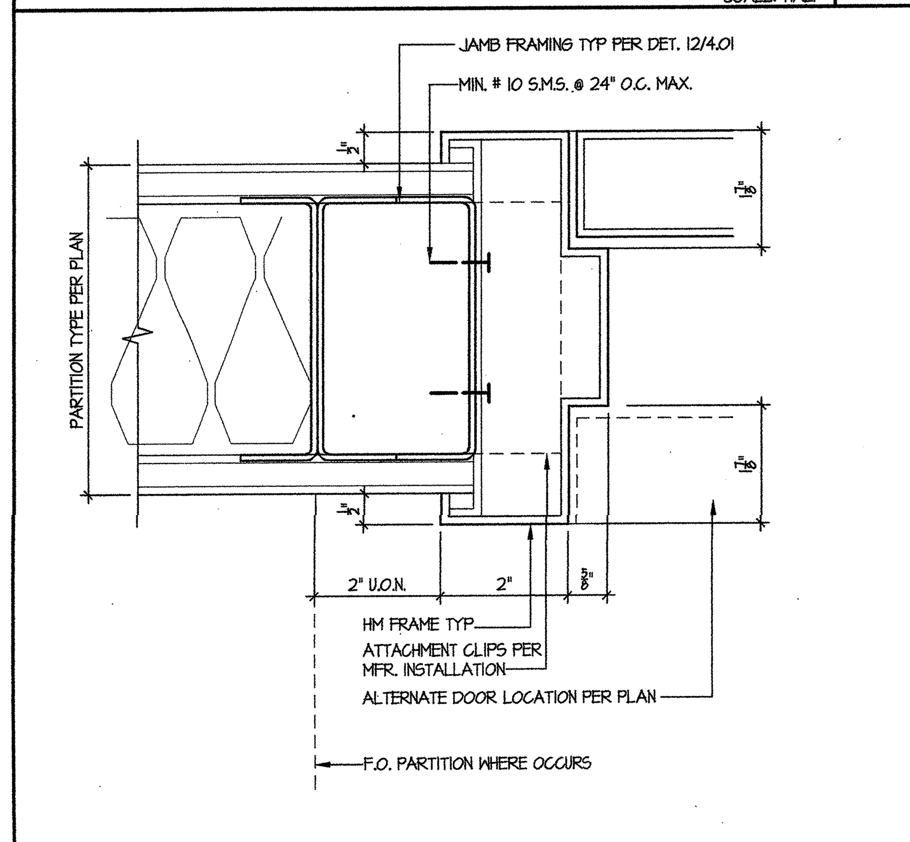
TYP. INTERIOR HM WINDOW HEAD — SCALE: 3" = 1'-0" — 3



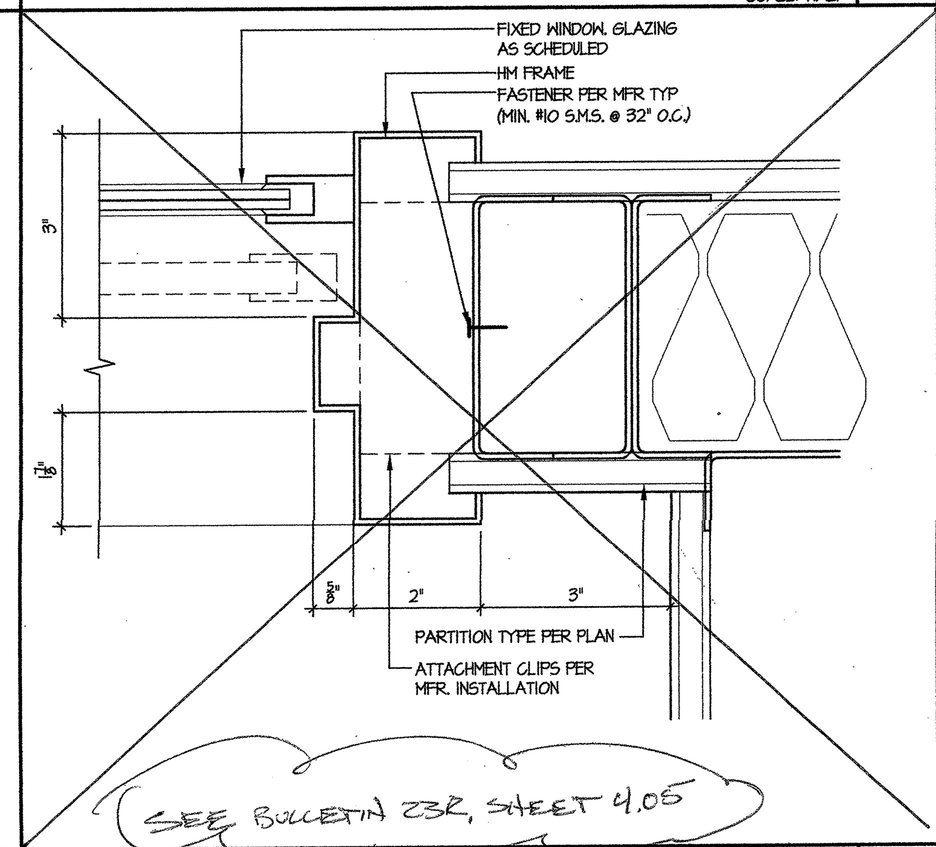
TYP. INTERIOR HM WINDOW TRANSOM DETAIL — SCALE: 3" = 1'-0" — 4



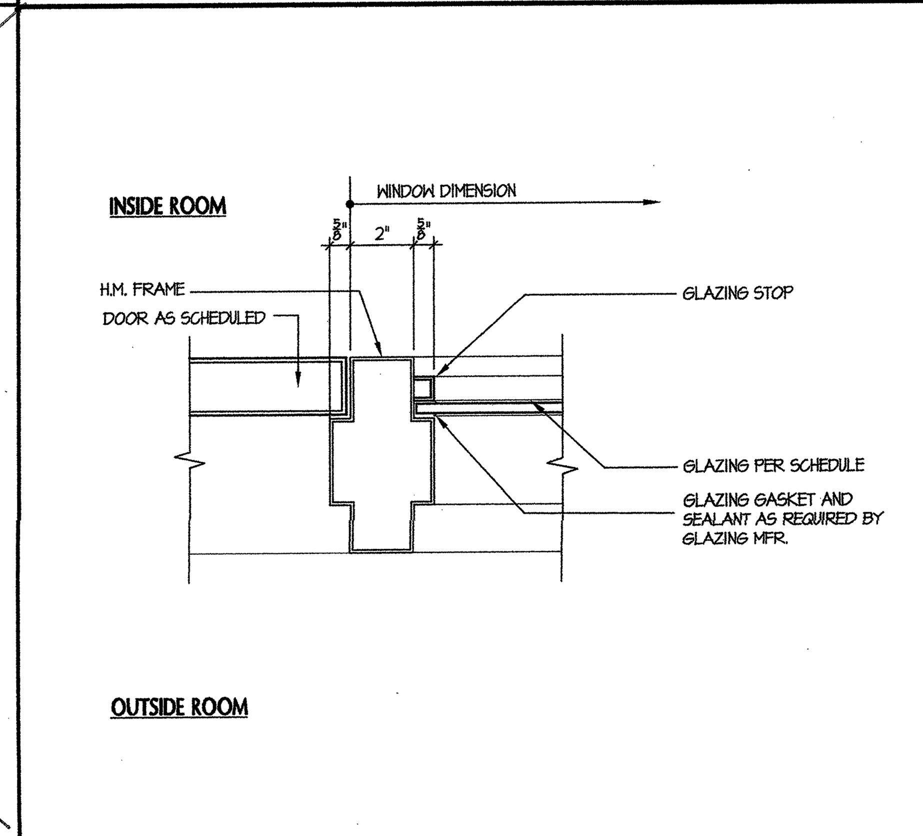
TYP. INTERIOR HM WINDOW HORIZ. MULLION — SCALE: 3" = 1'-0" — 5



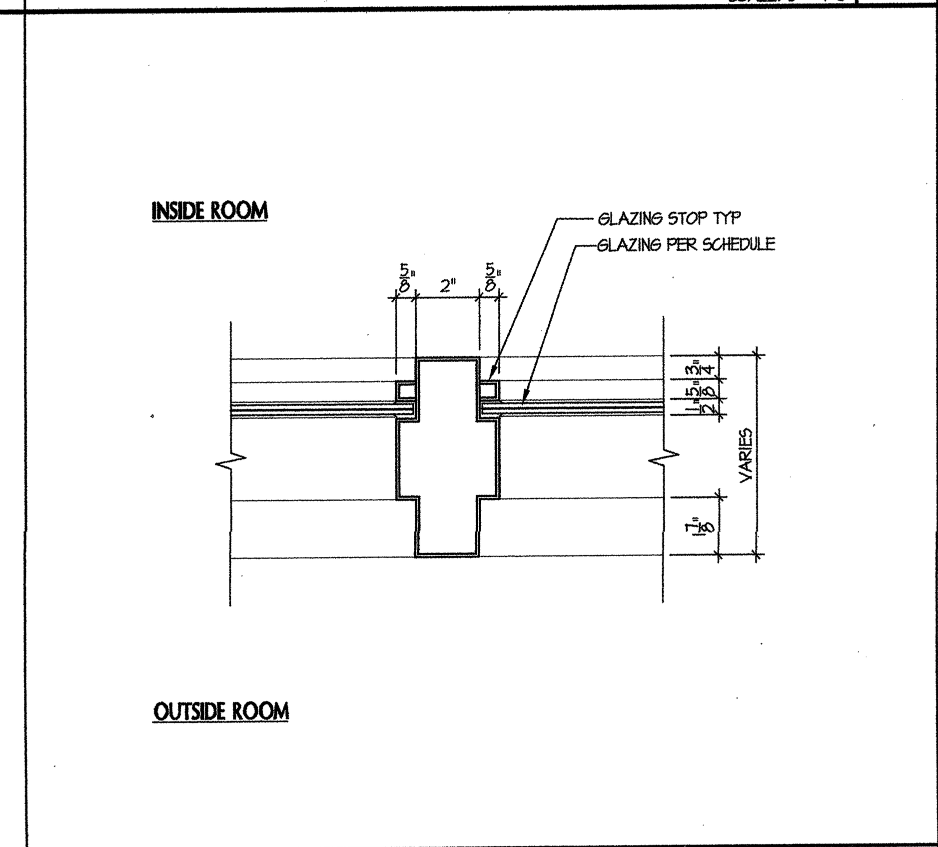
TYP HM DOOR JAMB DETAIL — SCALE: HALF — 6



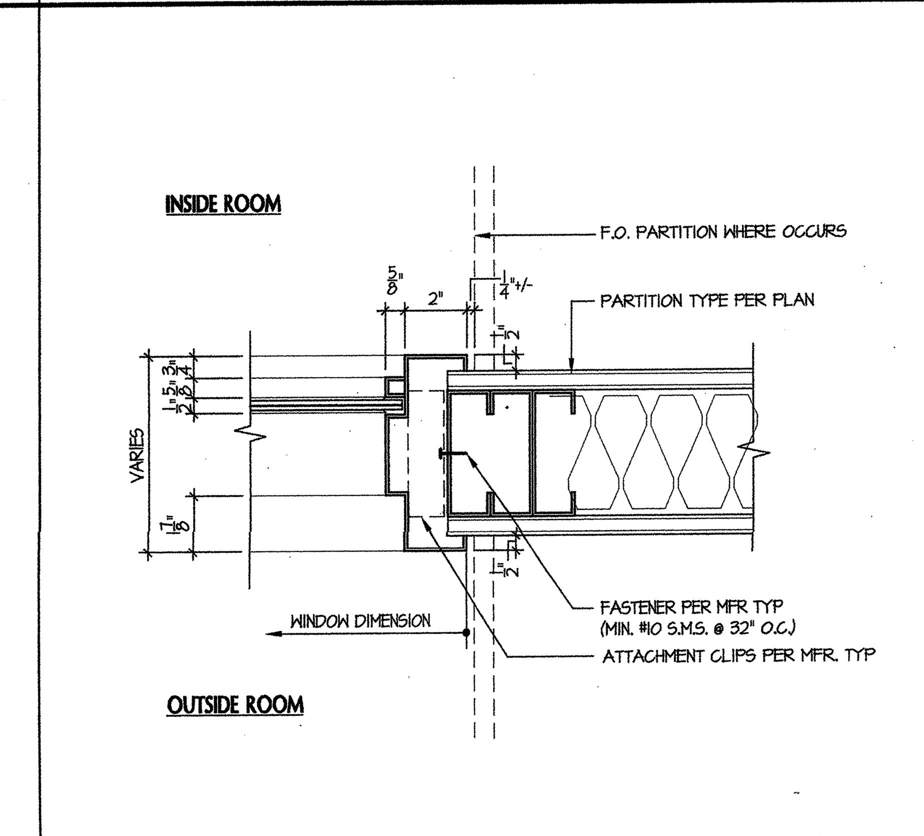
JAMB DETAIL AT PASS-THRU WINDOW — SCALE: HALF — 7



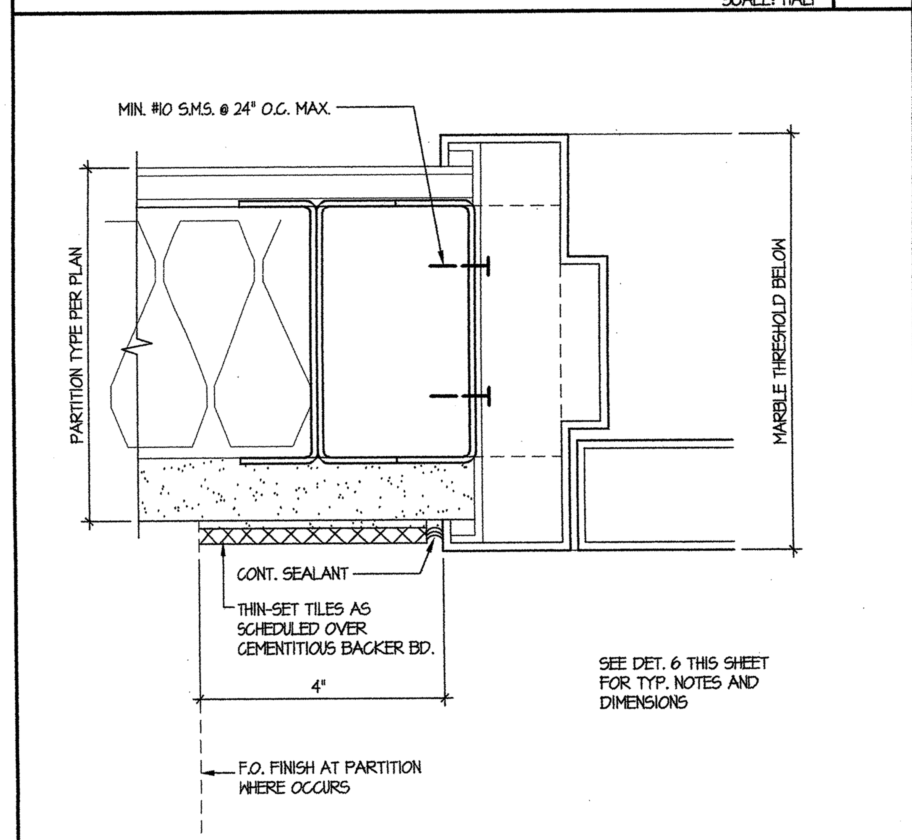
TYP. INTERIOR HM DOOR JAMB AT WINDOW — SCALE: 3" = 1'-0" — 8



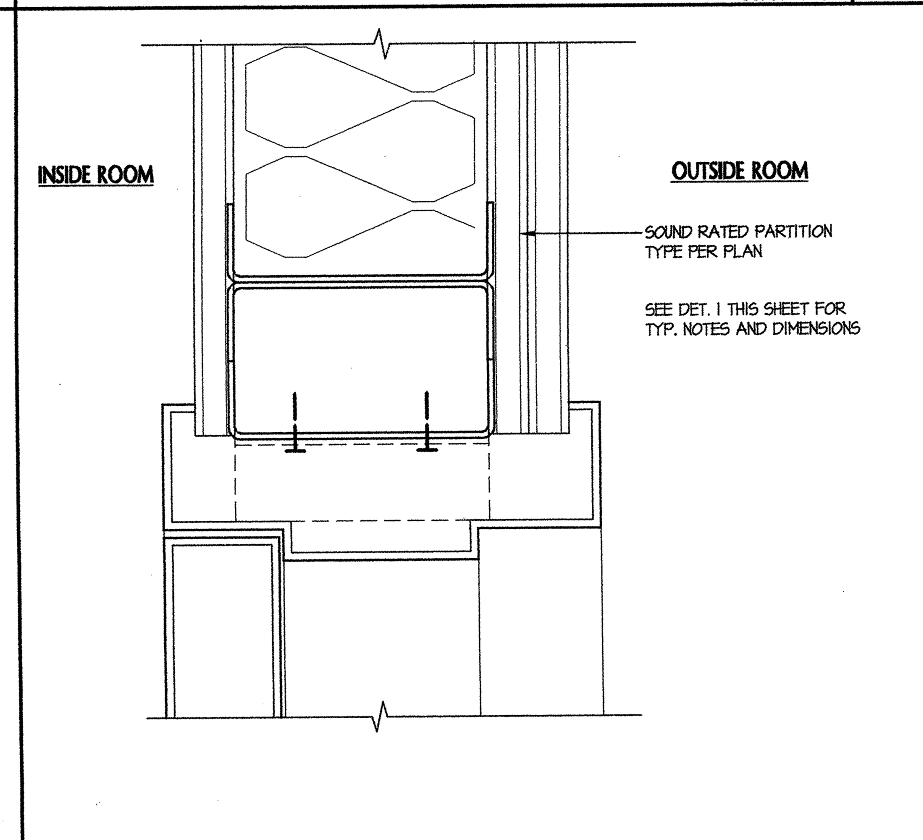
TYP. INTERIOR HM VERTICAL MULLION — SCALE: 3" = 1'-0" — 9



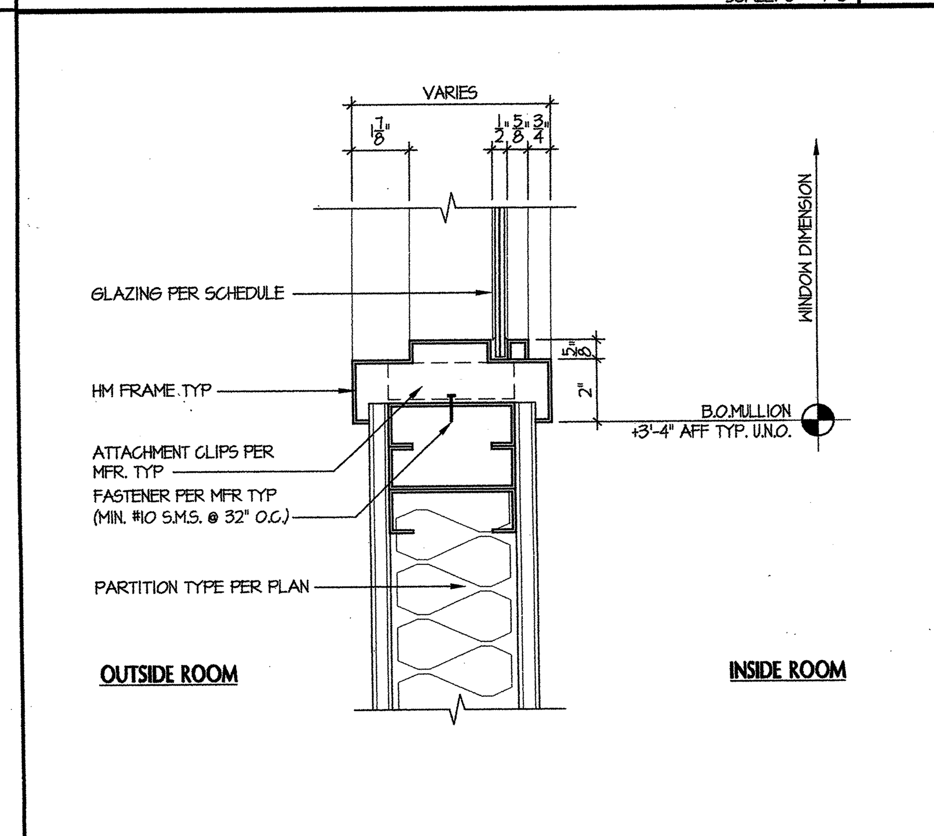
TYP. INTERIOR HM WINDOW JAMB — SCALE: 3" = 1'-0" — 10



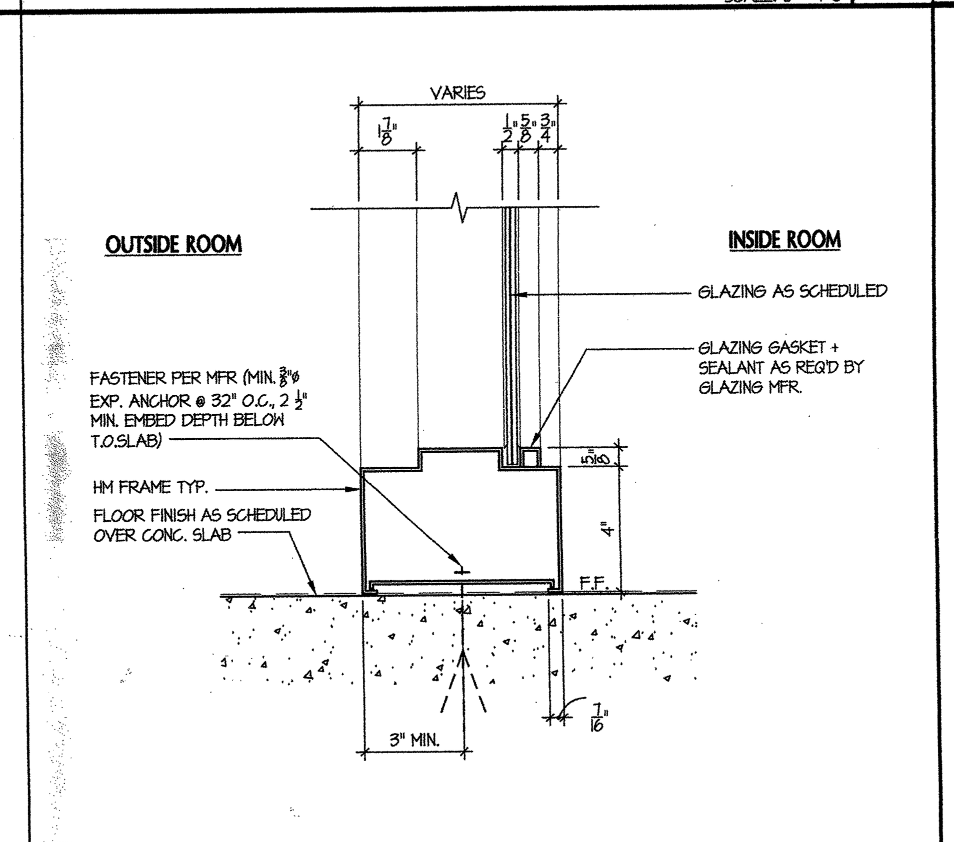
TYP RESTROOM DOOR JAMB (HEAD SIM) — SCALE: HALF — 11



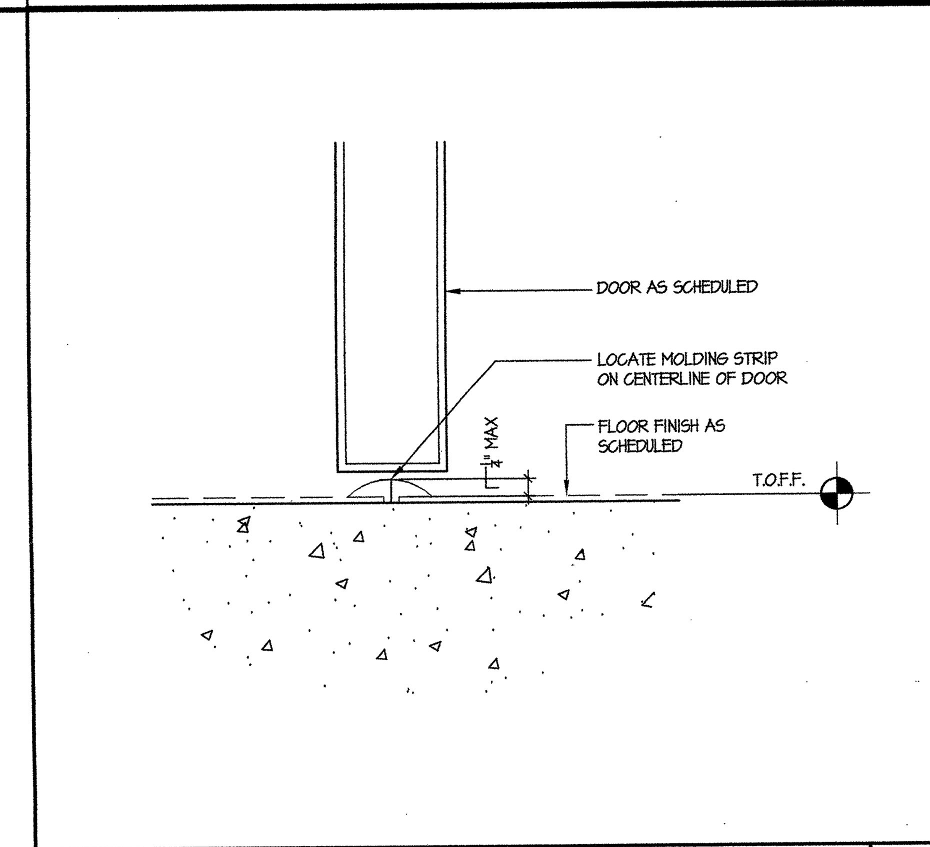
ACOUST. DOOR HEAD (JAMB SIM) — SCALE: HALF — 12



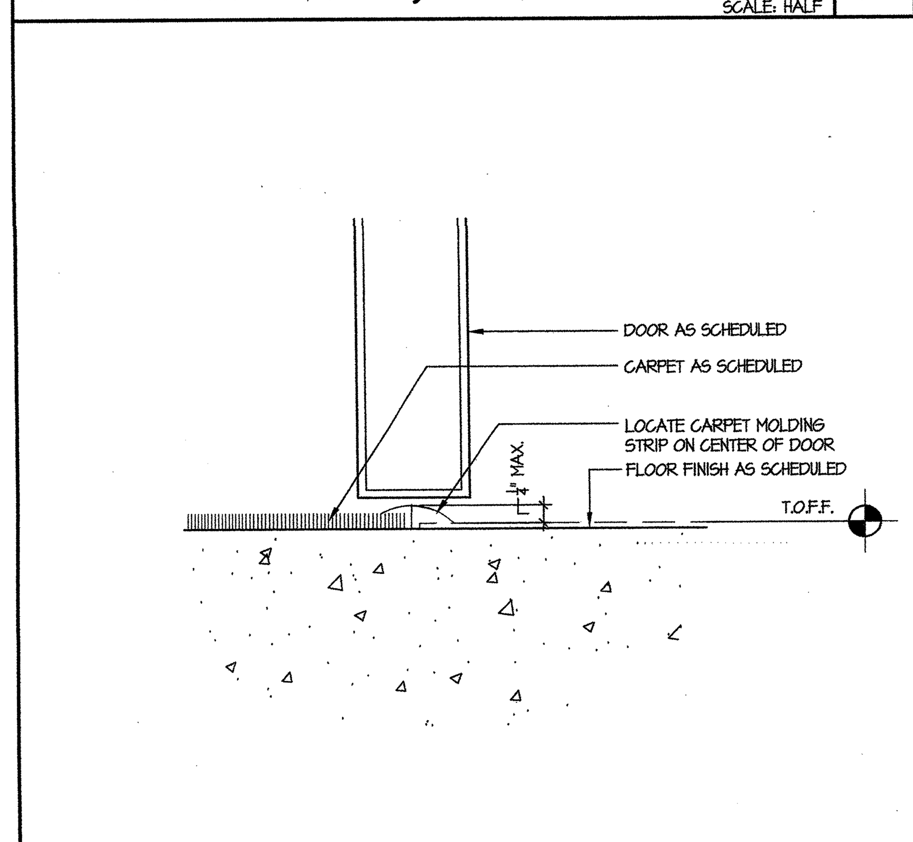
TYP. INTERIOR HM WINDOW SILL — SCALE: 3" = 1'-0" — 13



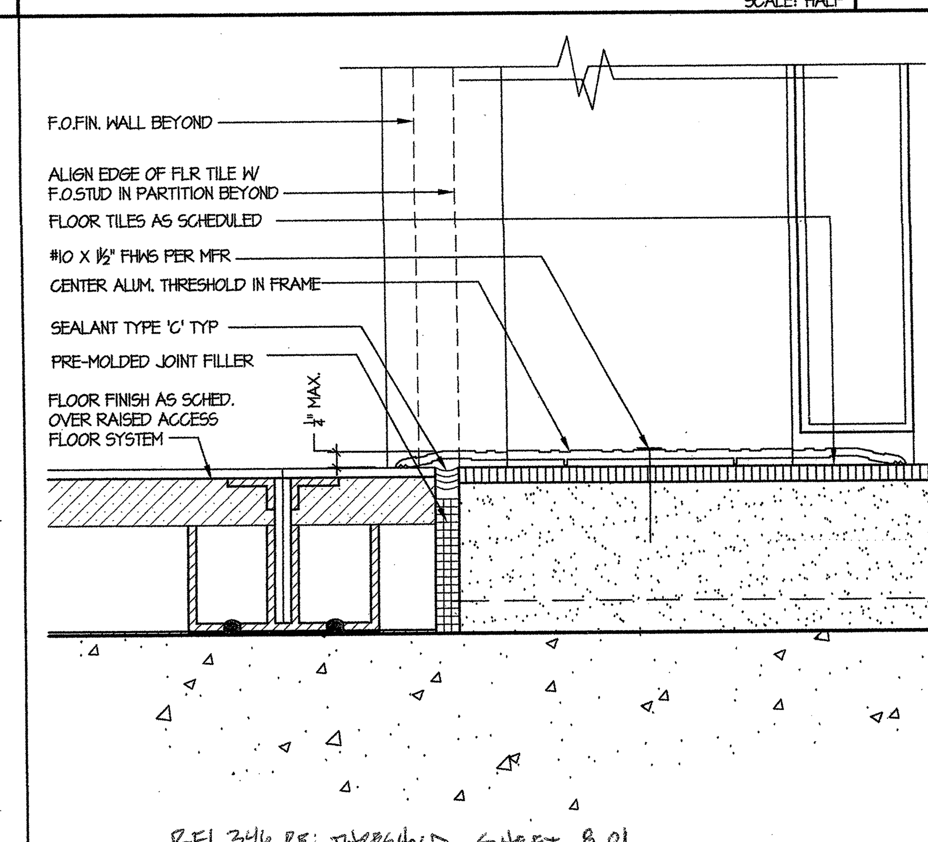
TYP. INTERIOR HM WINDOW BASE — SCALE: 3" = 1'-0" — 14



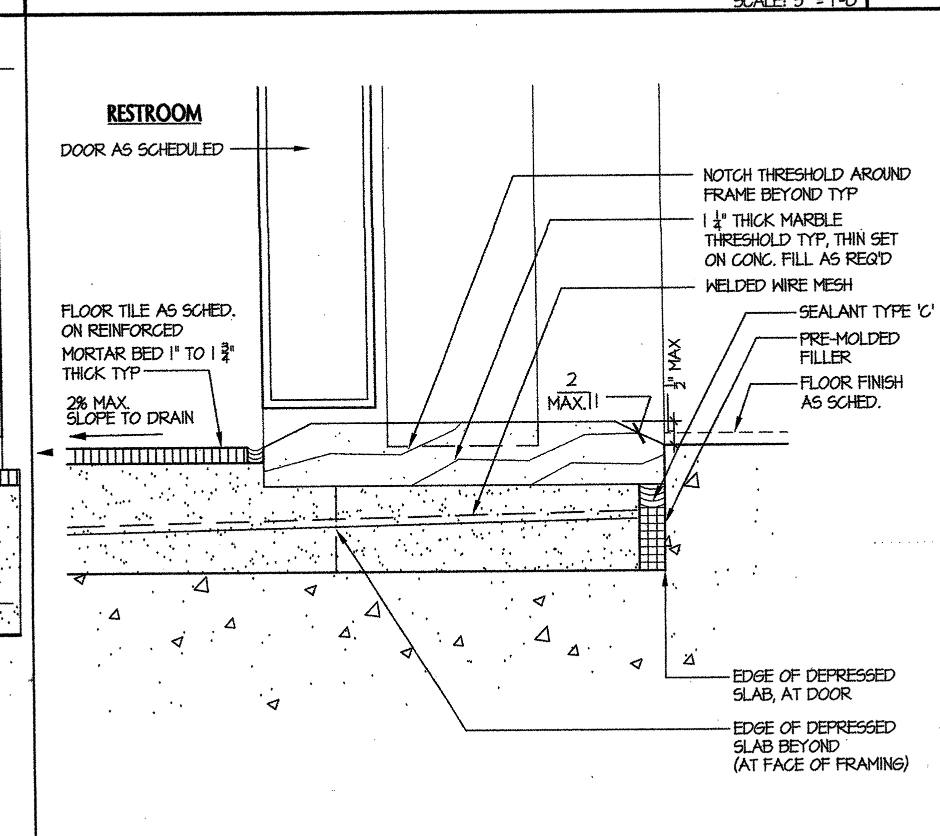
FINISH FLOOR TRANSITION — SCALE: HALF — 15



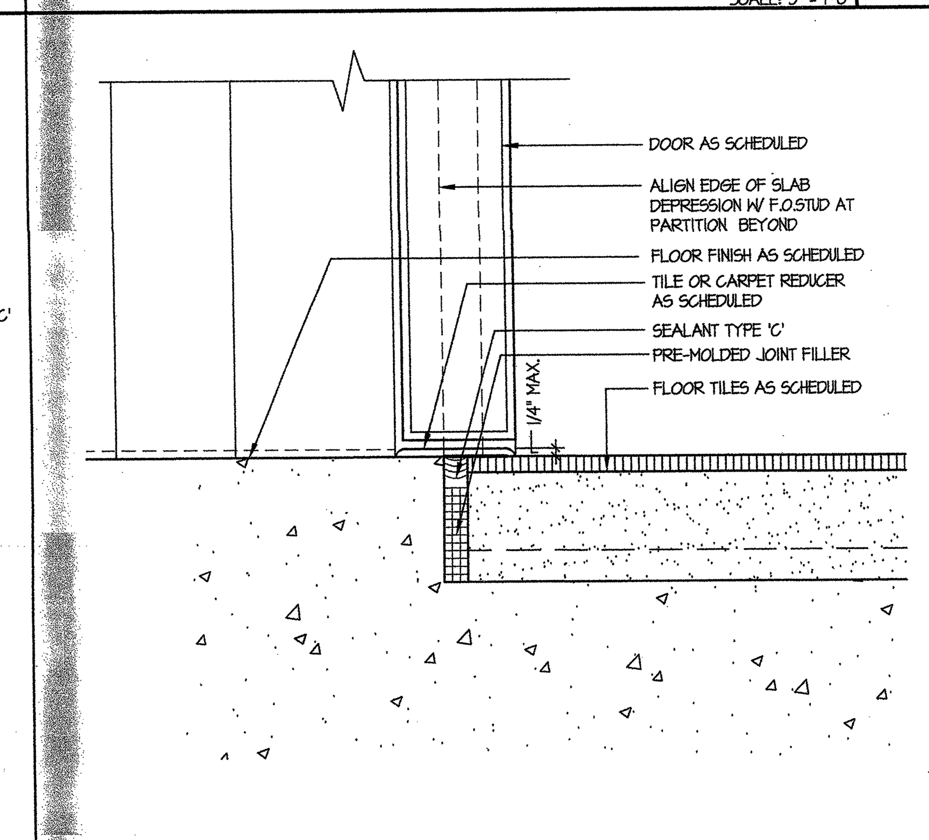
FINISH FLOOR TRANSITION — SCALE: HALF — 16



INT. DOOR THRESHOLD AT ACCESS FLOOR — SCALE: HALF — 17



RESTROOM THRESHOLD - 2ND FLOOR — SCALE: HALF — 18



TYP THRESHOLD AT TILE — SCALE: HALF — 19

tBP architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

LICENSED ARCHITECT — STATE OF CALIFORNIA

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
FILE No. 7C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

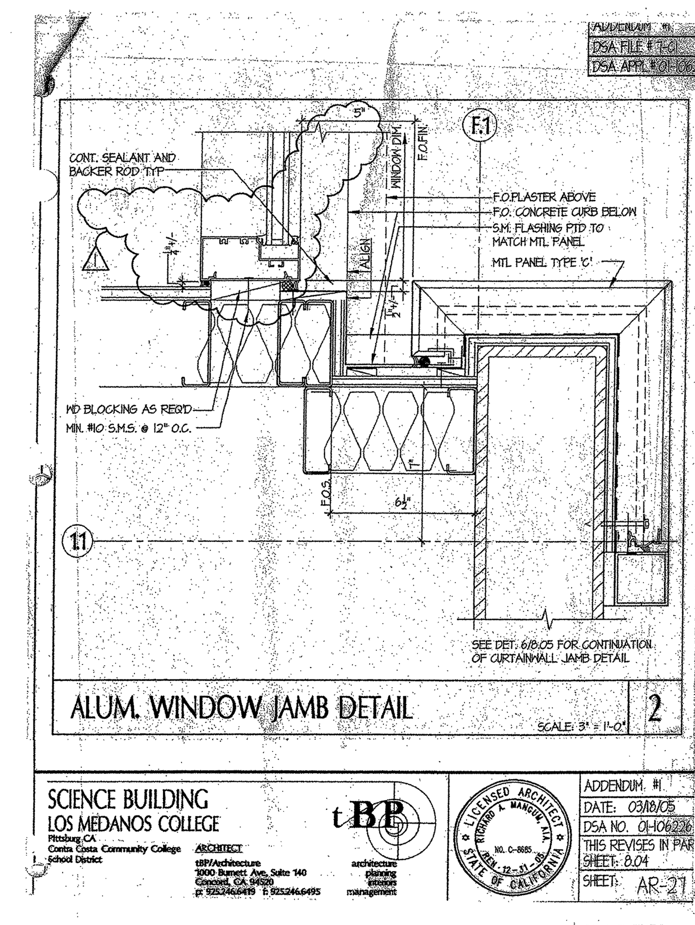
Contra Costa Community College District

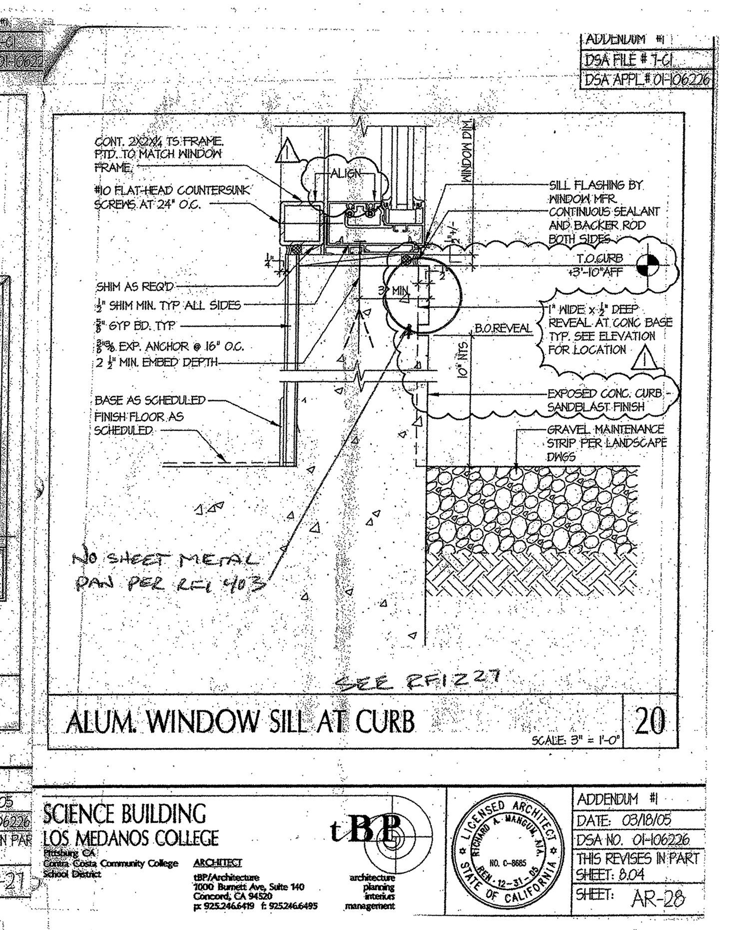
tBP project number: 20241.00
file name: DTL-0803.DWG
drawn by: CC checked by: FV
date: NOVEMBER 15, 2004

Rev:	date:	description:

drawing title:
INTERIOR DOOR/ WINDOW DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
8.03





S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: TS attachment to aluminum window

RFI No: **227**

Reference (dwg, spec.) : Submittal 77, detail 26/503, contract detail 20/8.04

Subcontractor RFI:

Reply Requested By: 5/23/06

INFORMATION REQUESTED: **Date:** 5/16/06

Contract detail 20/8.04, as amended by sketch AR-28 of addendum no. 1, depicts the 2" x2" TS being attached directly to the backside of the aluminum sill with #10 flat-head screws at 24" o.c. This mechanical fastener is also "added" via review comment to Kawneer detail 26/503. However, Kawneer is not comfortable with having their non-load bearing system be the point of attachment for a load bearing element. Having this attachment may cause problems with thermal expansion or other building movement issues. Please review and advise if an attachment of the TS to the concrete would be acceptable in lieu of that shown, and provide detail of that new attachment.

SUGGESTED SOLUTION:

Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:** 5.17.06

For AL10, in lieu of #10 screws in the backside of sill mullion, alternate attachment per attached sketch SK-1 may be used.

Attachments:

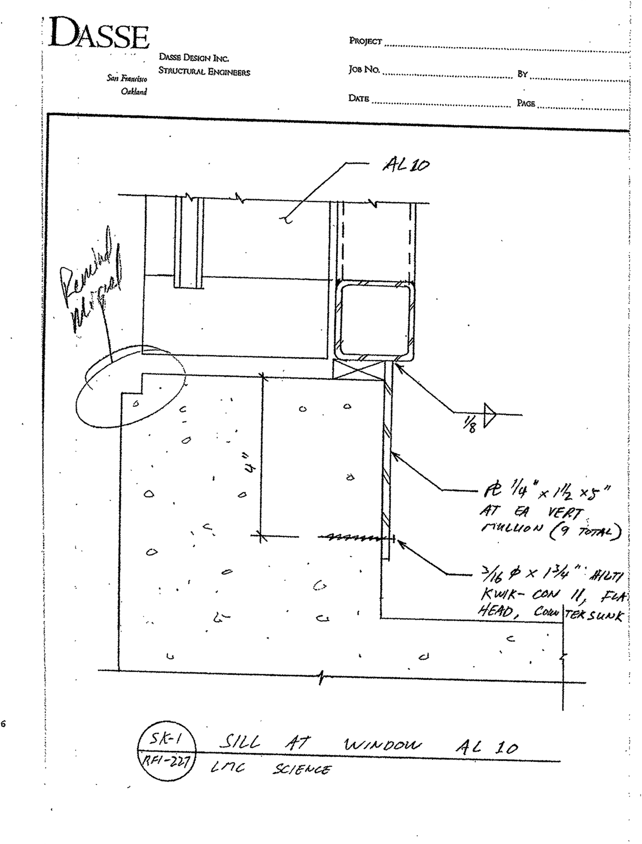
By: Chiang Ng/DASSE

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	~~4/4/06~~ 5.16.06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	5.16.06
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	5.17.06
tBP / ARCHITECTURE	S.J. AMOROSO	5.17.06
S.J. AMOROSO	ORIGINATOR	

cc: CAPITOL
Miquel

RFI # 000
Page 1



S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Strip waterproofing at exterior openings

RFI No: **223**

Reference (dwg, spec.) : 8.04, 8.05, 8.06

Subcontractor RFI:

Reply Requested By: 5/23/06

INFORMATION REQUESTED: **Date:** 5/16/06

Details 16 and 18 on sheet 8.04 identify Type I waterproofing to be installed at the sills of aluminum windows. However several other details on this sheet do not identify Type I waterproofing at any other locations. Of the several details sheets 8.05 and 8.06 addressing openings in the exterior wall, none identify Type I waterproofing. Please advise if no Type I waterproofing is to be installed at aluminum window jambs and heads, curtain wall openings or door openings.

SUGGESTED SOLUTION:

Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:** 5.17.06

Details reference above have metal closure trim which creates a counterflashing condition and closes a metal-to-metal joint. If the Contractor is aware of any other conditions that are NOT counterflashed or do not create a metal-to-metal caulking joint, these conditions should be brought the attention of the Architect. As further clarification to the above conditions, note that detail 7/8.06 has both a J-mold at the end of the plaster condition and a 'Z' metal closure trim to create the counterflashing and metal-to-metal joint.

Attachments:

By: C. Chiang/tBP

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	~~4/4/06~~ 5.16.06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	5.17.06
S.J. AMOROSO	ORIGINATOR	

RESPONSE CHANGED VIA WEEKLY MEETING ;
CPE No. 66

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: #5 plaster drip at window heads

RFI No: **378**

Reference (dwg, spec.): 6/8.04

Subcontractor RFI:

Reply Requested By: 10/13/06

INFORMATION REQUESTED: **Date:** 10/10/06

As discussed with the architect, detail 6/8.04, showing a plaster week above window heads, will allow water to weep directly behind the caulk joint along the jambs of the windows (detail 11/8.04). To alleviate this situation, SJA/ Henley Plastering suggest switching to a #5 drip, without weep holes. See attached from Henley Plastering. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:** 10/12/06

tBP takes no exceptions to switching to a No. 5 drip without weep holes for above window head locations.

Jeff Mills

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Weep holes in window heads and sills

RFI No: **402**

Reference (dwg, spec.): 8.04

Subcontractor RFI:

Reply Requested By: 10/30/06

INFORMATION REQUESTED: **Date:** 10/23/06

Details 6, 8, 16 and 18 on 8.04 depict weep holes in aluminum window head and sill trim to be near the exterior face of the trim. However, if water were to enter this trim, it would have to accumulate to a depth high enough to top over the triangular drip order to reach the weep holes and escape. Perhaps adding weep holes on the "inboard" side of the triangular drip would be advisable. Please advise.

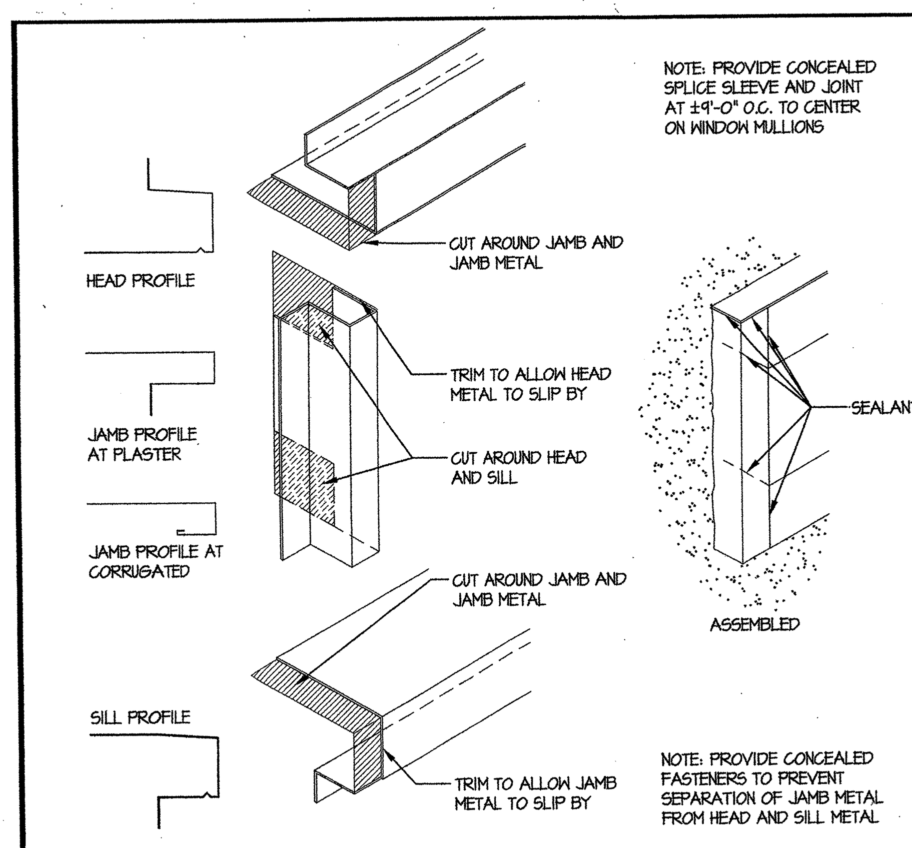
SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days **By:** Mark Delgado

RESPONSE: **DATE:**

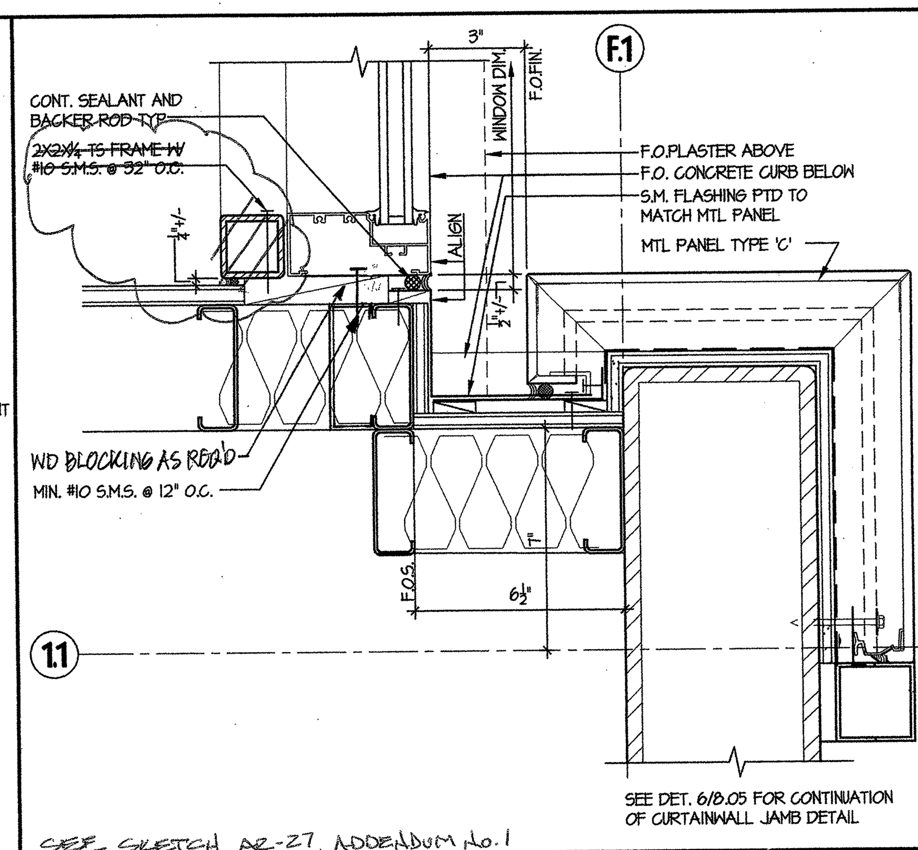
In lieu of weep holes @ 16" o.c. only in outboard of the drip, weep holes at 16" o.c. are to be straggler at both inboard and outboard *of the drip. (e.g. Weep* holes are 32" o.c. at inboard of drip, and 32" o.c. at outboard of drip.) Sine no additional weep hole is added, no cost shall apply to owner.

Vanessa Ling/tBP - 10/30/06

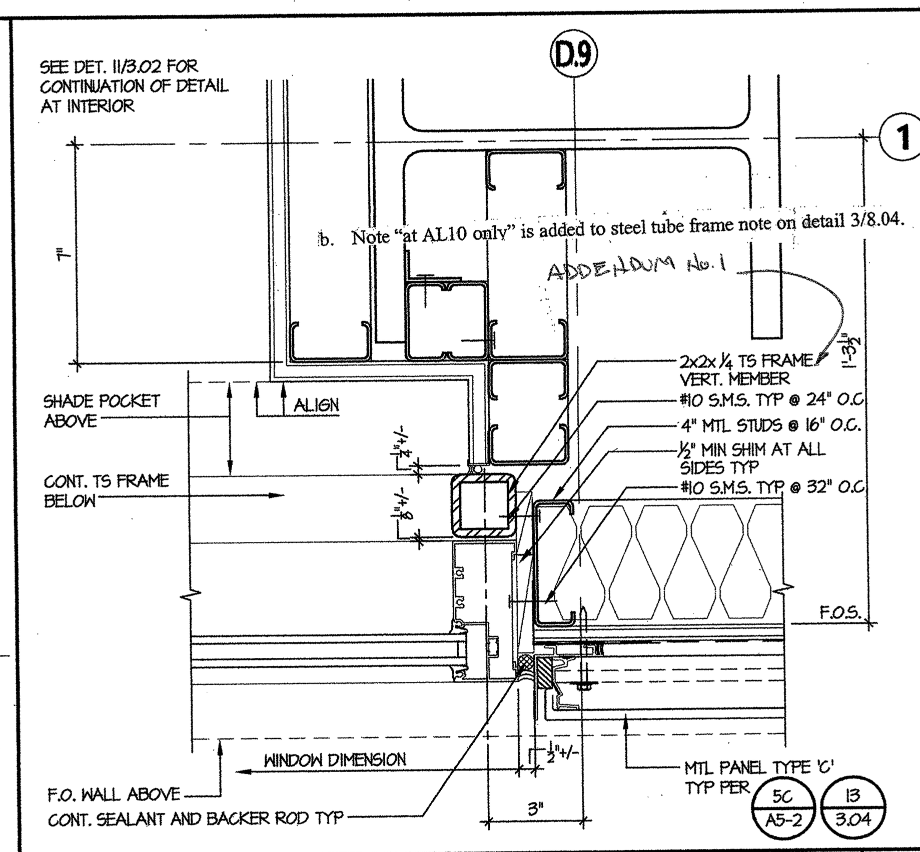
RFI # 000
Page 1



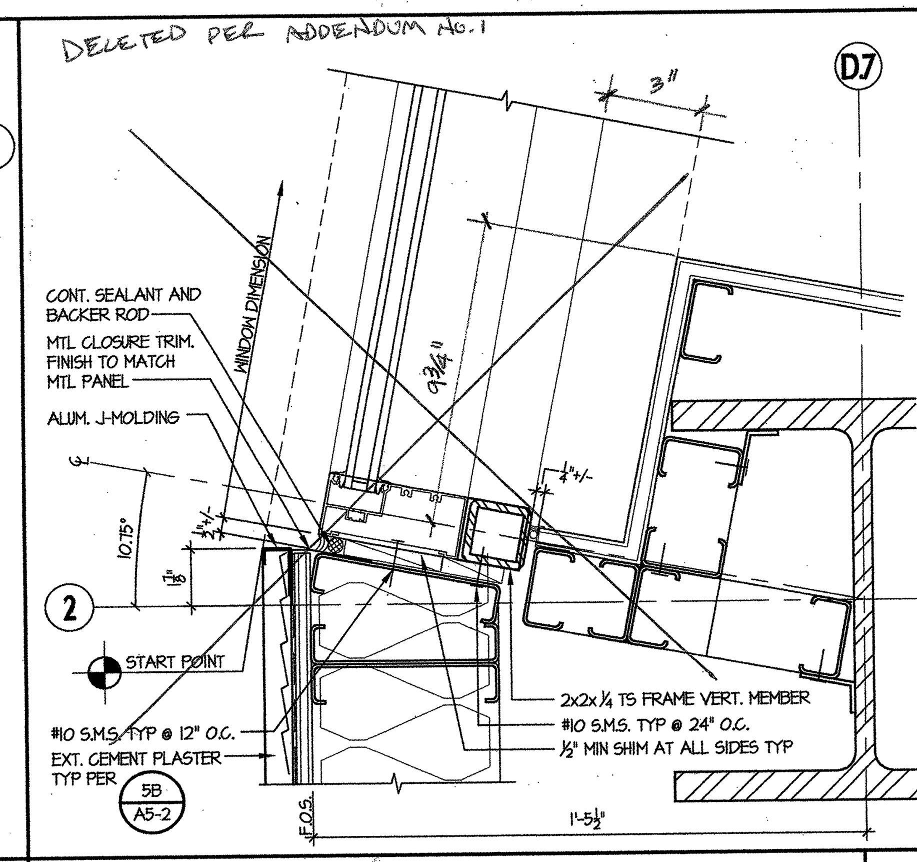
WINDOW TRIM ISOMETRIC 1
SCALE: NTS



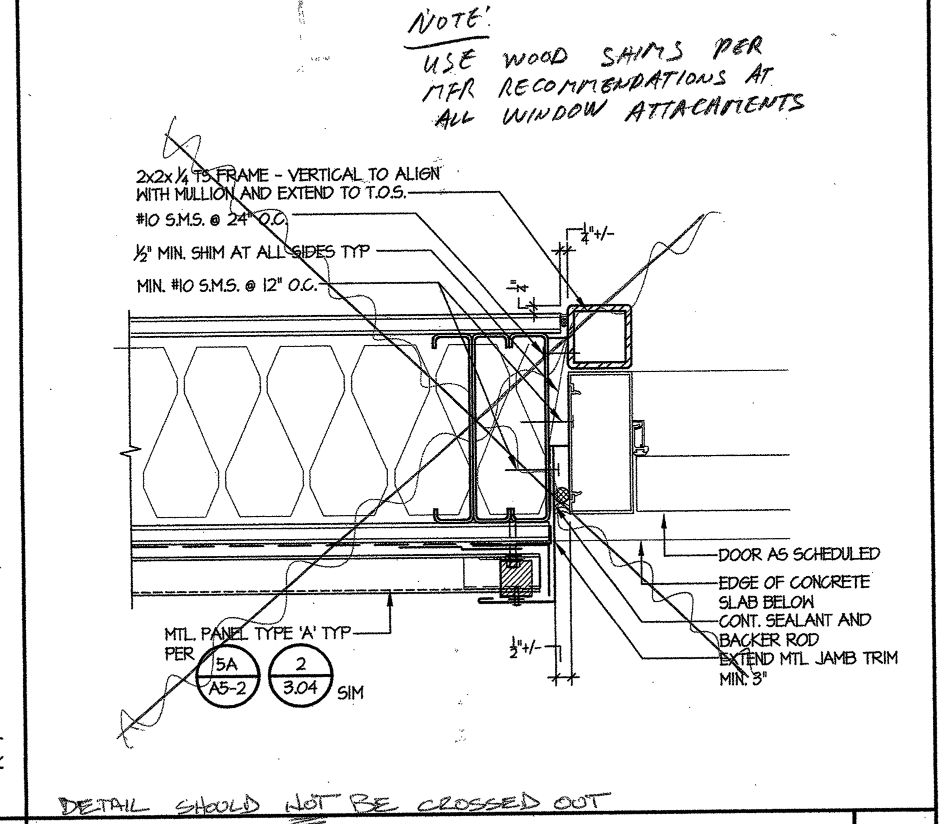
ALUM. WINDOW JAMB DETAIL 2
SCALE: 3" = 1'-0"



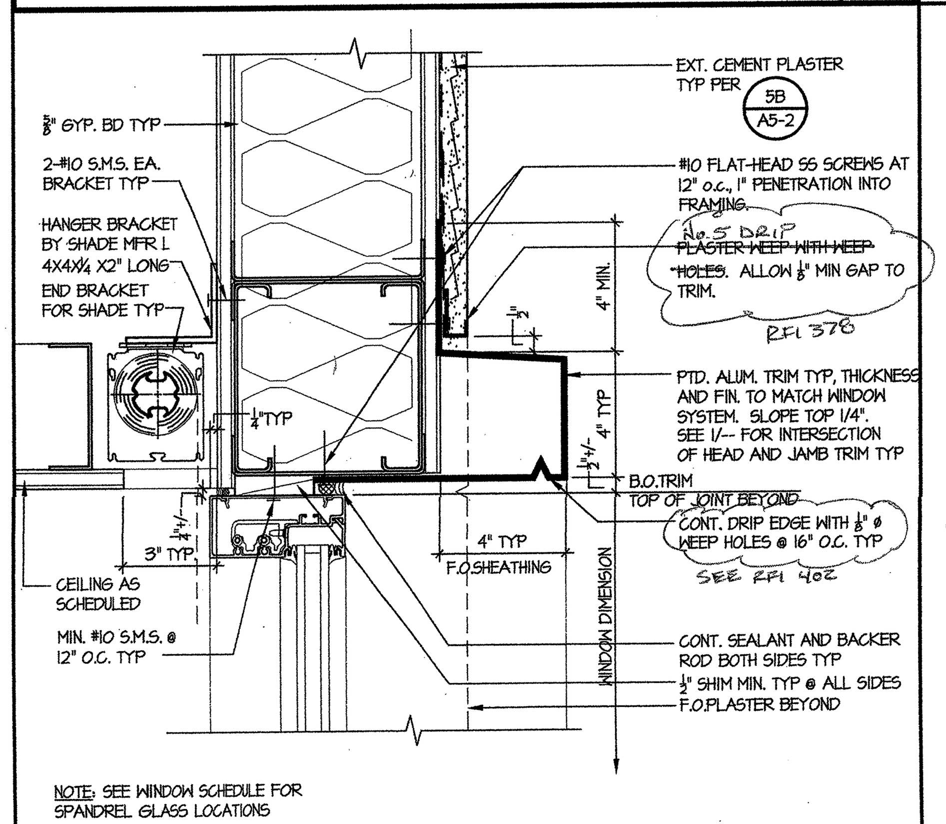
ALUM. WINDOW JAMB - MTL PANEL TYPE 'C' 3
SCALE: 3" = 1'-0"



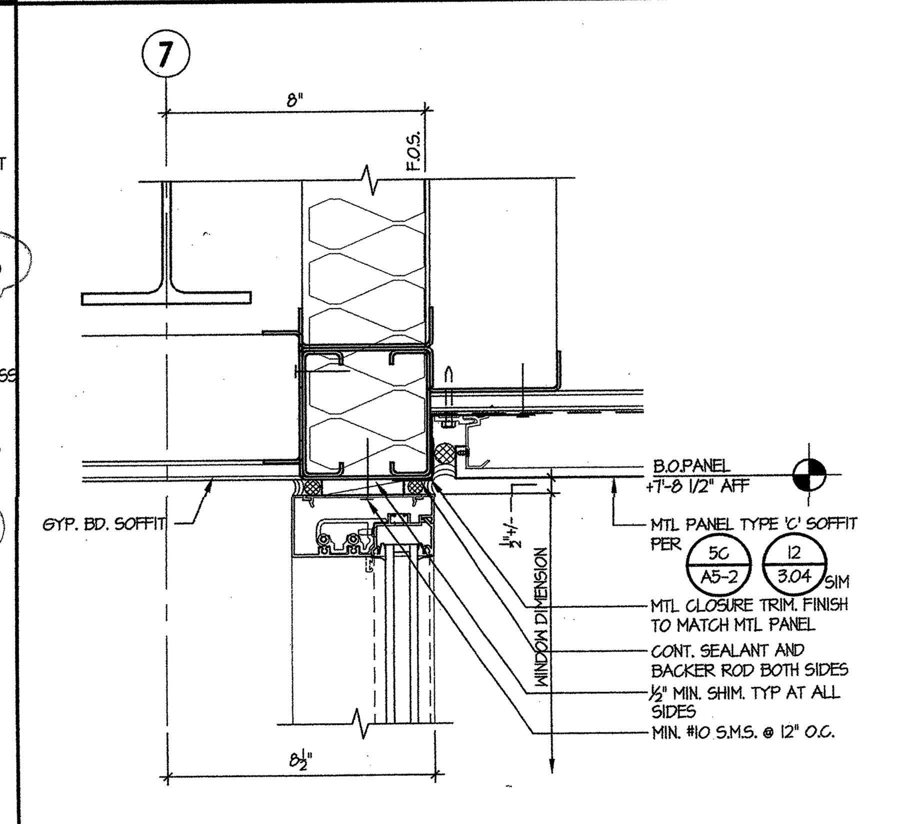
ALUM. WINDOW JAMB - PLASTER 4
SCALE: 3" = 1'-0"



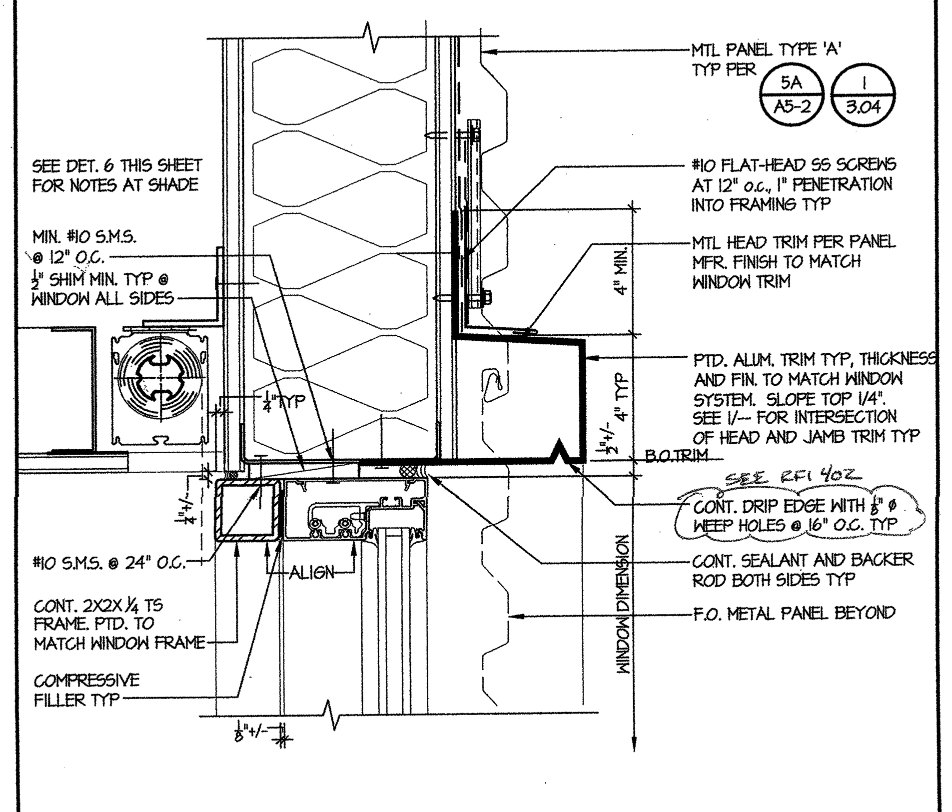
DOOR JAMB - MTL PANEL TYPE 'A' 5
SCALE: 3" = 1'-0"



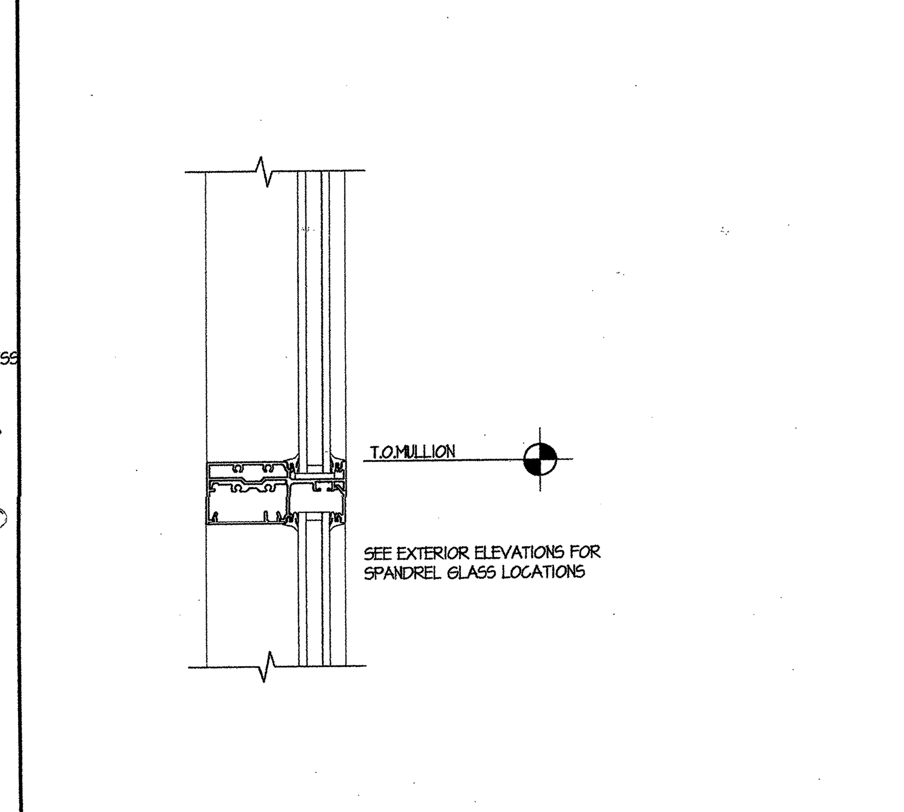
TYP ALUM. WINDOW HEAD AT PLASTER 6
SCALE: 3" = 1'-0"



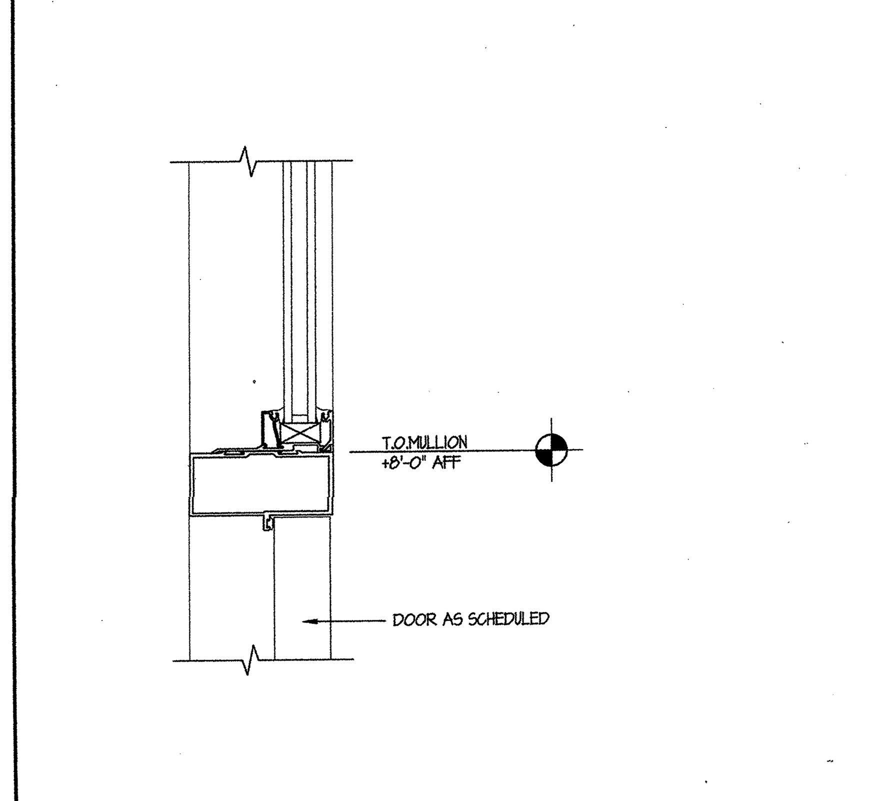
ALUM. WINDOW HEAD - MTL PANEL TYPE 'AC 7
SCALE: 3" = 1'-0"



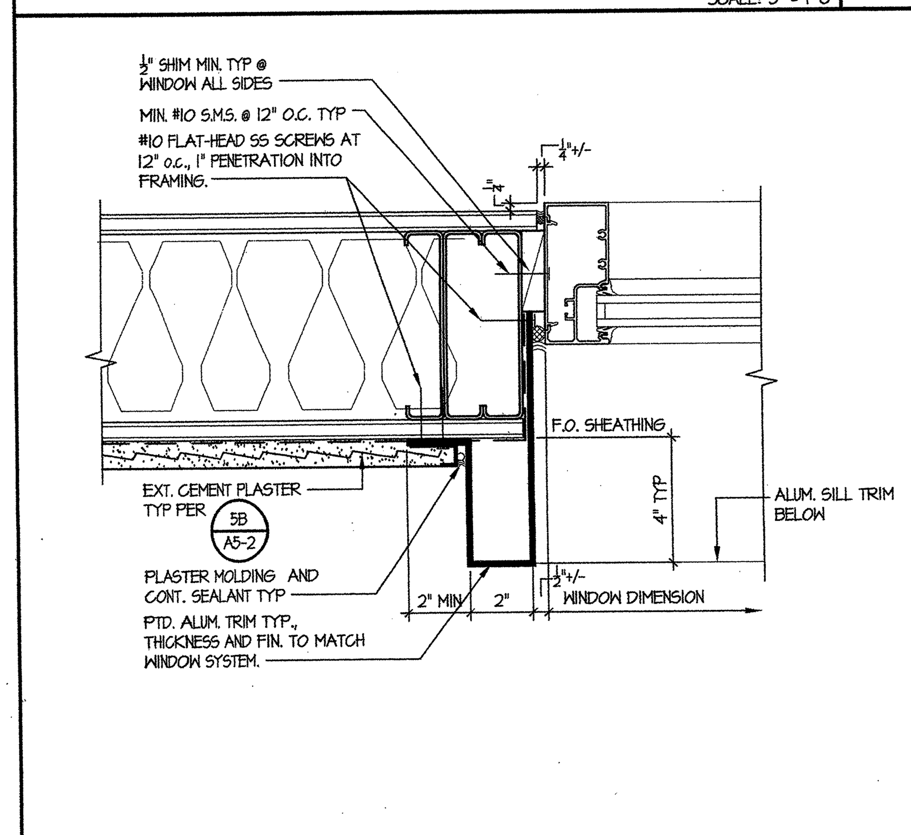
TYP ALUM. WINDOW HEAD - MTL PANEL TYPE 'A' 8
SCALE: 3" = 1'-0"



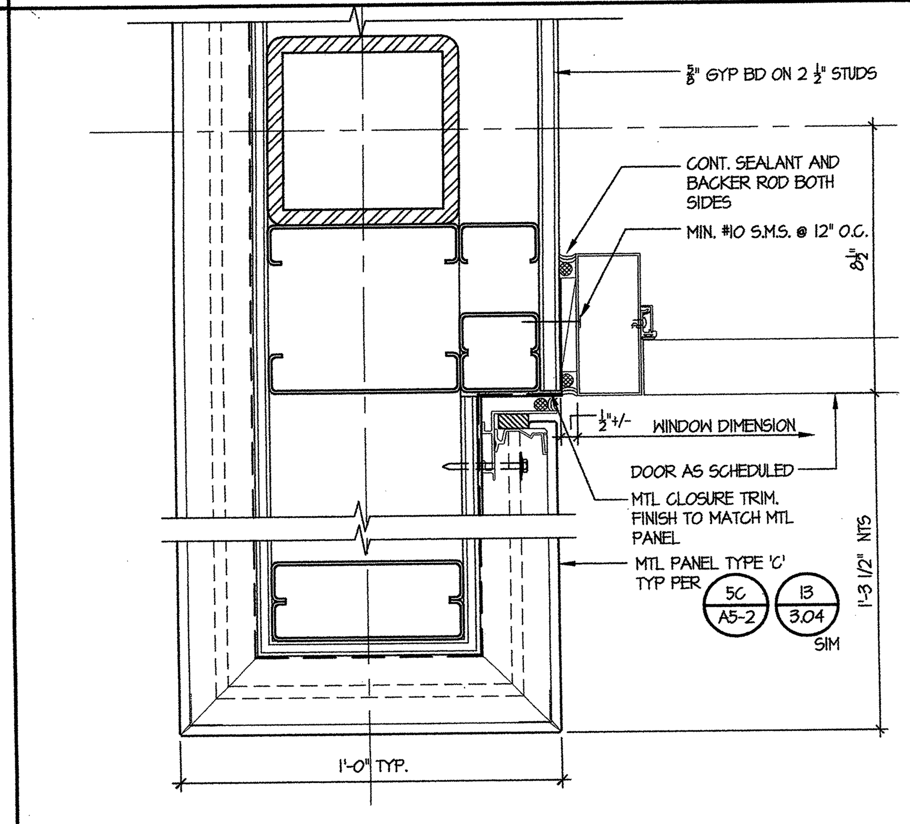
TYP. INTERMEDIATE MULLION AT FIXED UNIT 9
SCALE: 3" = 1'-0"



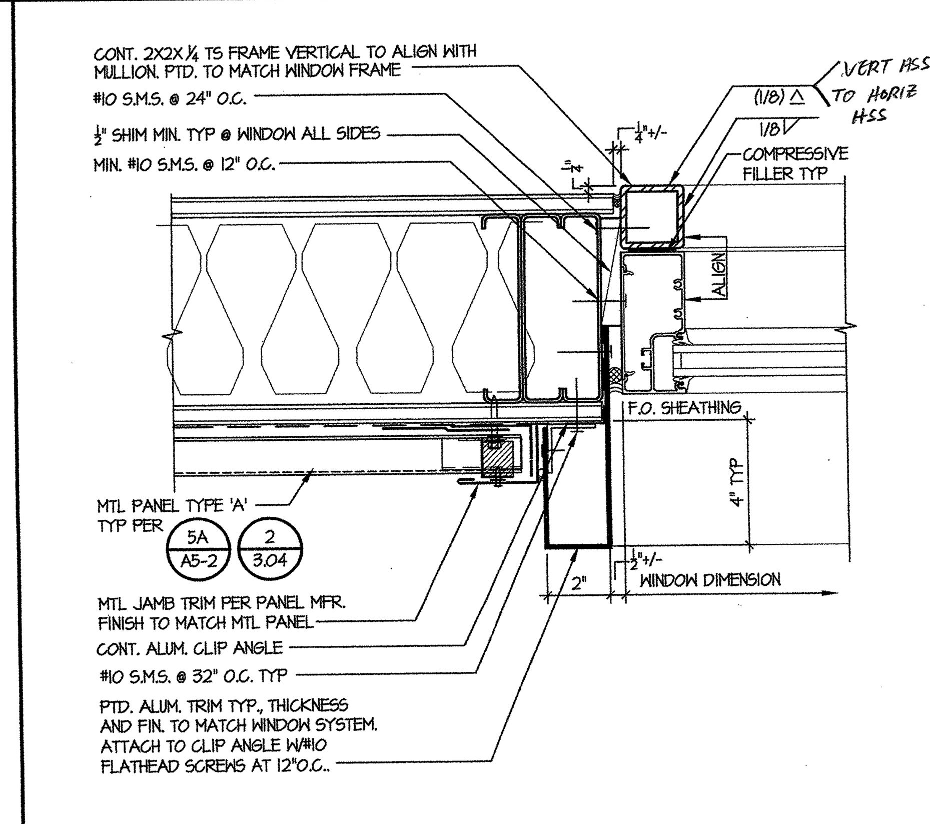
TRANSOM SILL DETAIL 10
SCALE: 3" = 1'-0"



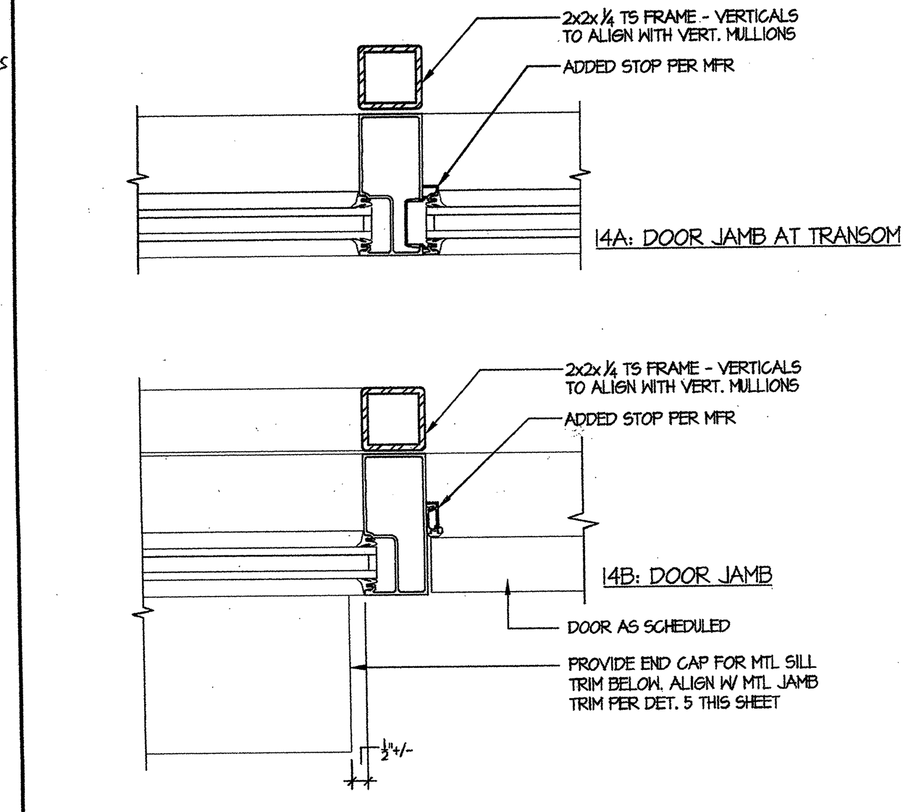
TYP ALUM. WINDOW JAMB AT PLASTER 11
SCALE: 3" = 1'-0"



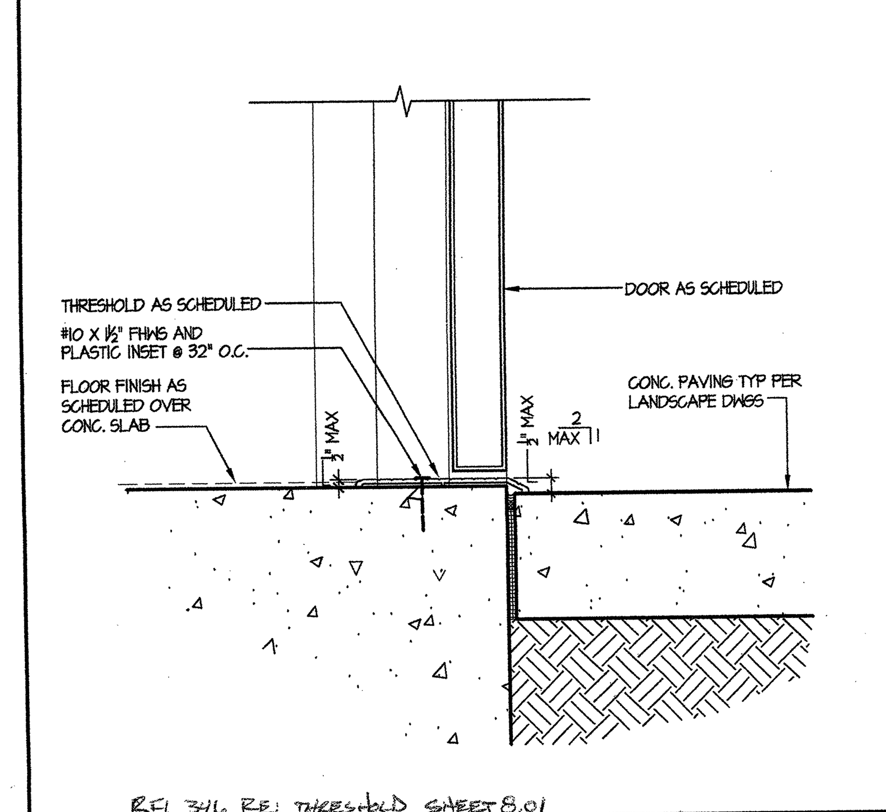
DOOR JAMB AT MTL PANEL TYPE 'C' 12
SCALE: 3" = 1'-0"



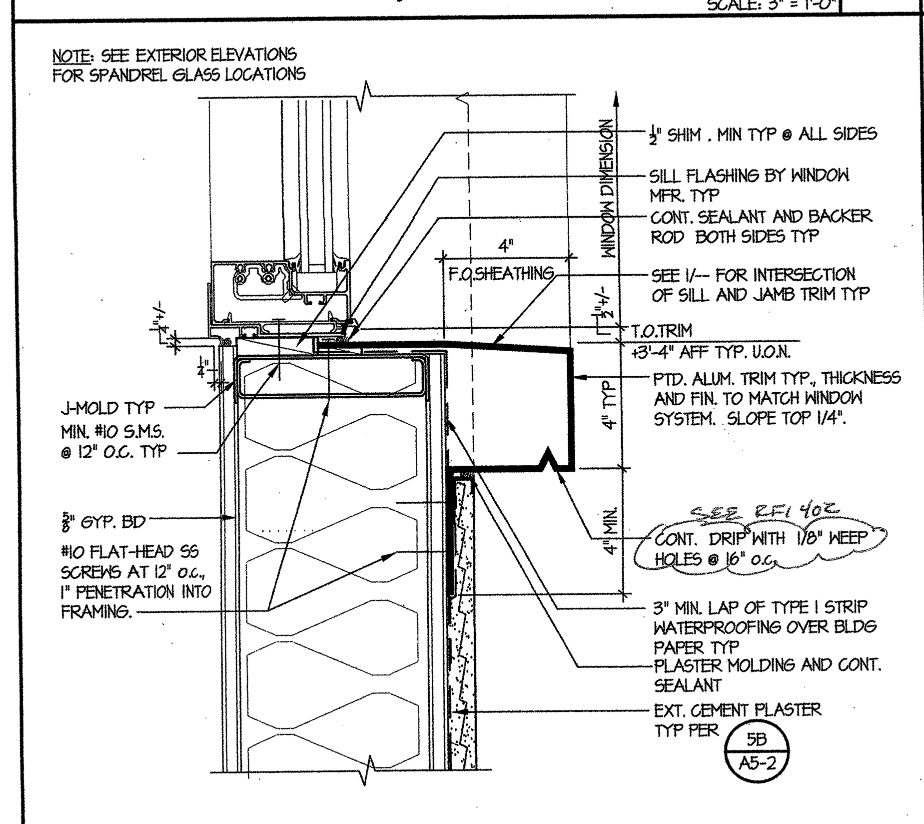
TYP ALUM. WINDOW JAMB - MTL PANEL TYPE 'A' 13
SCALE: 3" = 1'-0"



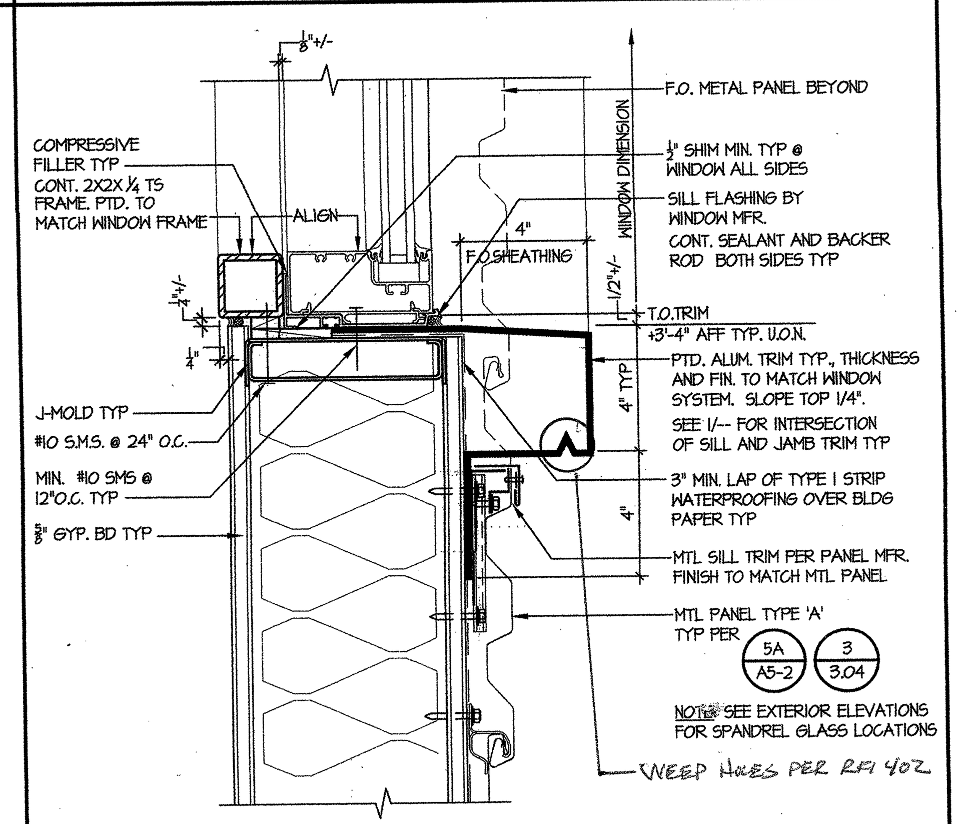
DOOR JAMB DETAILS 14
SCALE: 3" = 1'-0"



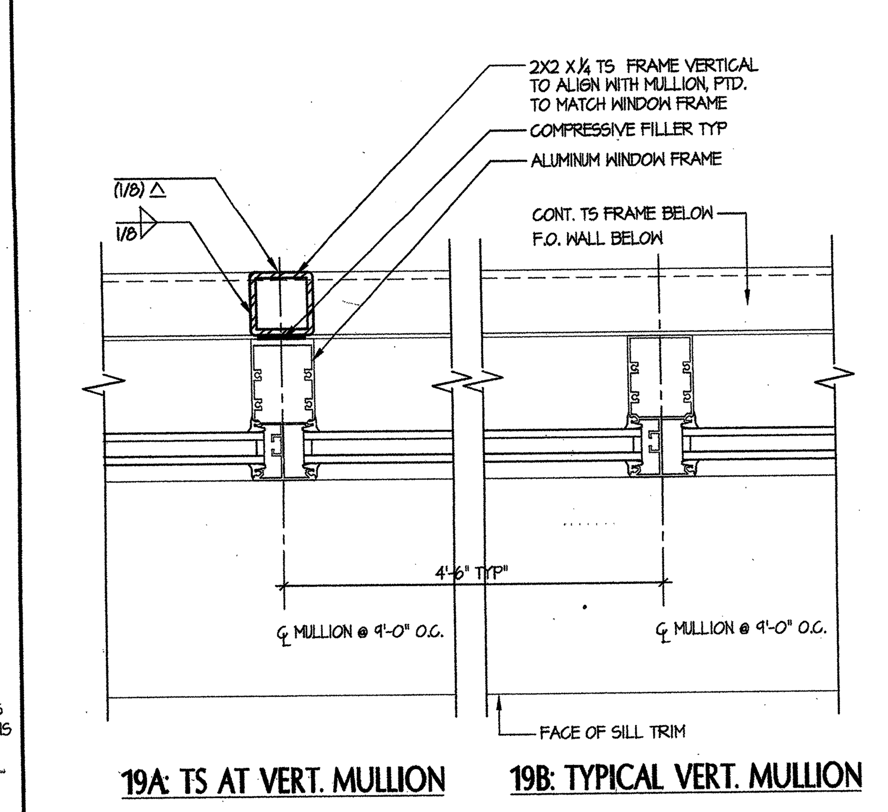
TYP EXT. DOOR THRESHOLD 15
SCALE: 3" = 1'-0"



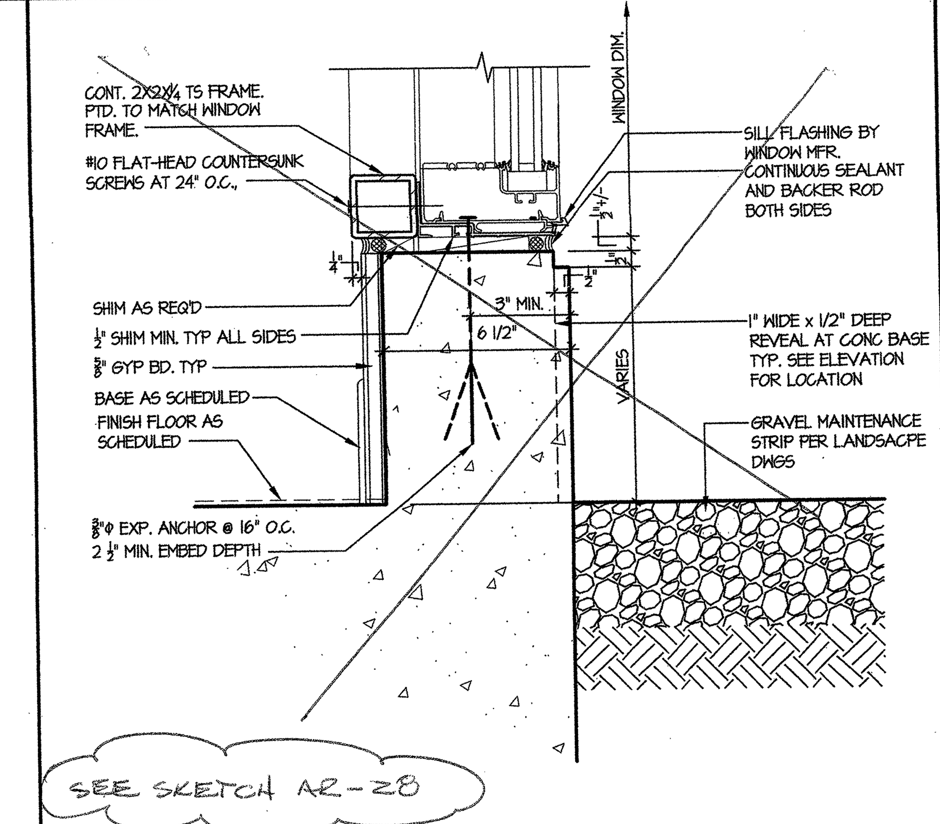
TYP ALUM. WINDOW SILL AT PLASTER 16
SCALE: 3" = 1'-0"



TYP ALUM. WINDOW SILL - MTL PANEL TYPE 'A' 18
SCALE: 3" = 1'-0"



TYP. INTERMEDIATE MULLION 19
SCALE: 3" = 1'-0"



ALUM. WINDOW SILL AT CURB 20
SCALE: 3" = 1'-0"

tBP
architecture
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management

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Concord, CA 94520
p. 925.246.6419 f. 925.246.6495

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OFFICE OF REGULATION SERVICES
APP. NO. 01-108228
FILE No. 27-C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p. 415-396-9500 f.

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number: 20241.00
file name: DTL-0804.DWG
drawn by: CC checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
ALUMINUM WINDOW DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no.:
8.04

Bulletin No.25A

Date: April 13, 2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

Description:

REFERENCE: Submittal #72, Submittal #77; Sheets 7.02, 8.04, 8.05, 8.06, 8.07:

1. Architectural trim at window designated as "NBK" in Submittal #77 shop drawings which are clearly integral to the successful installation of the storefront, windows and curtainwall are to be provided by Capitol Glass. Returned shop drawings will reflect comments based on this.

2. Architectural trim at windows as shown in details on sheets 7.02, 8.04, 8.05, 8.06 and 8.07 is to be 0.090" aluminum, as indicated in Submittal #77 shop drawings, finish to match window system.
   - Provide credit for reducing material thickness from gauge to match window system (approx. 1/8" plate), as noted on details on sheets 8.04 – 8.07.

3. Provide 3/8" joint at every 9'-0" spacing and at ends for thermal expansion.

4. Provide ¼" diameter weep holes at head and sill trims at max. 36" spacing.

5. Provide compressible filler between HSS frame members and mullions, noted on Submittal #77 shop drawings and per details on sheets 8.04 – 8.07.
   - Provide submittal for filler.

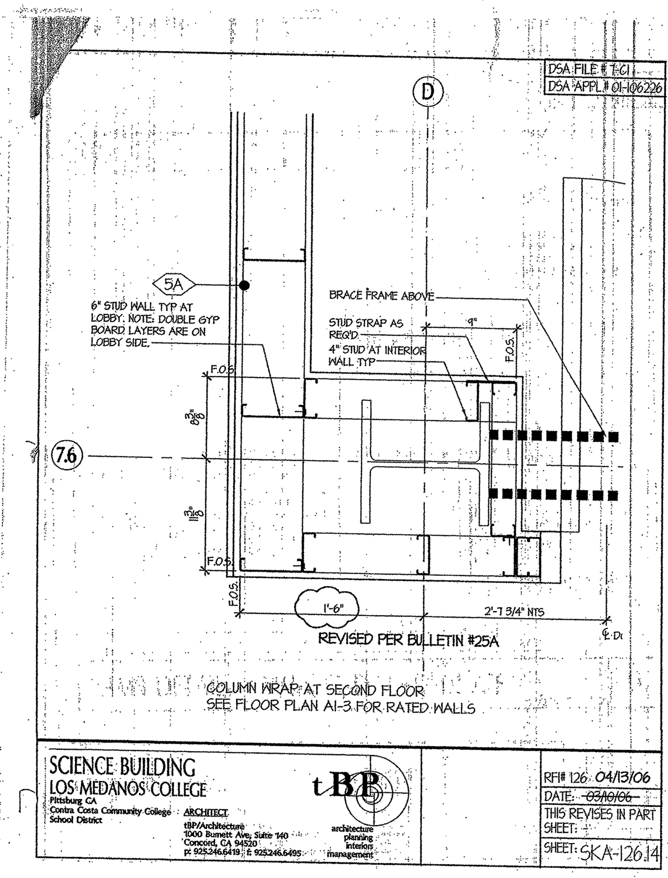
6. SKA-25A.1 – 25A.3 are issued to address jamb condition at CW1A, to accommodate Kawneer request to align back of entry curtainwall mullion with finish face of gyp board, and to resolve material interface between metal panels, plaster and window system.
   - SJA to forward sketches to Pacific Erectors for coordination.

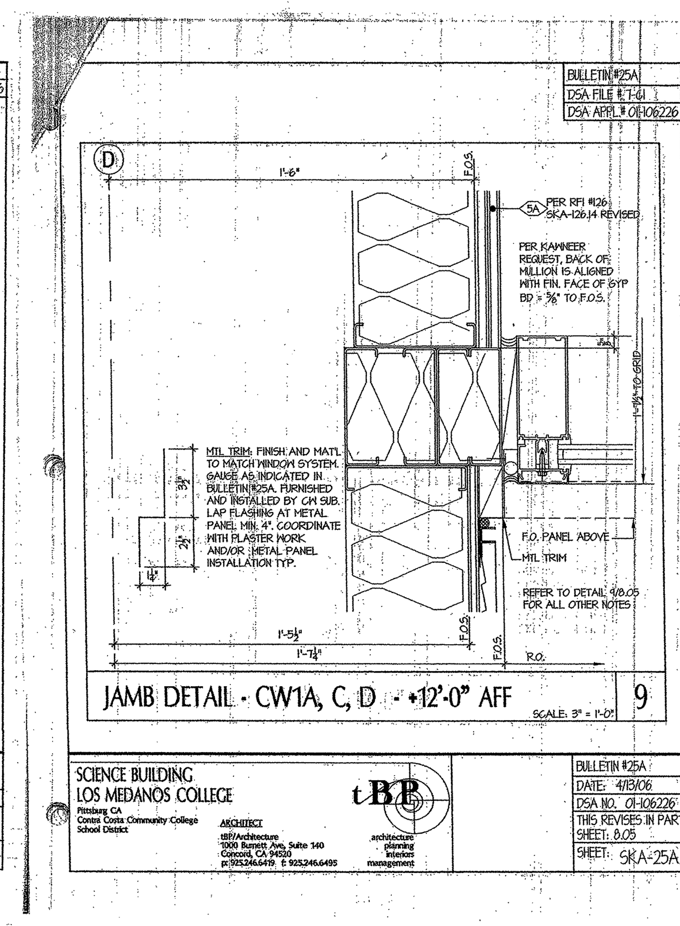
7. Parapet detail 7/7.02 is revised per SKA-25A.4, in order to accommodate Kawneer request to align back of entry curtainwall mullion with finish face of gyp board.

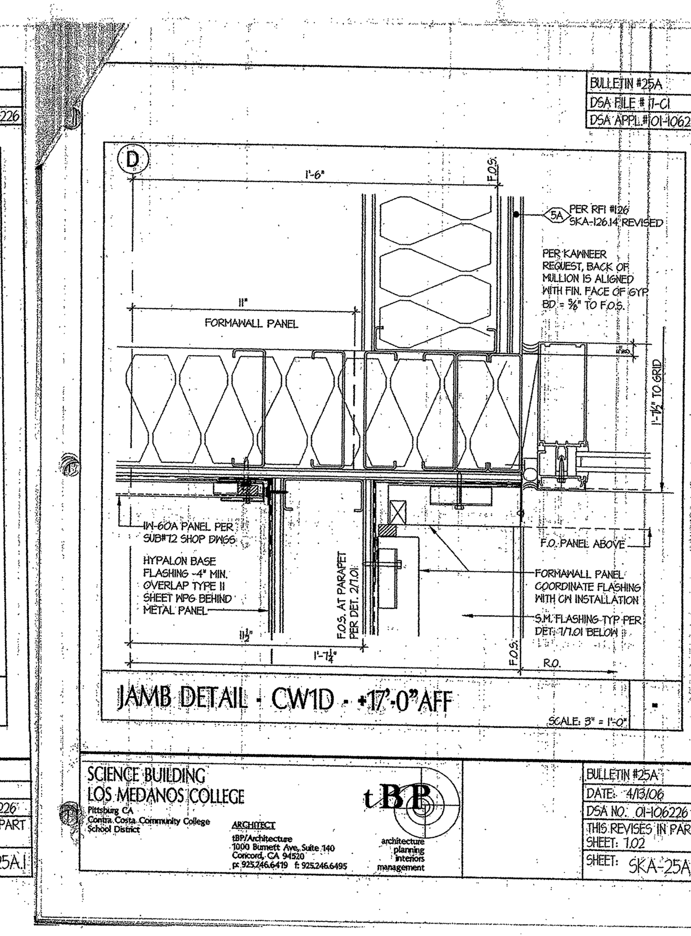
8. SKA-25A.5 is issued to align the sunshade fin pipe supports with jamb mullions at the south entry CW1B.

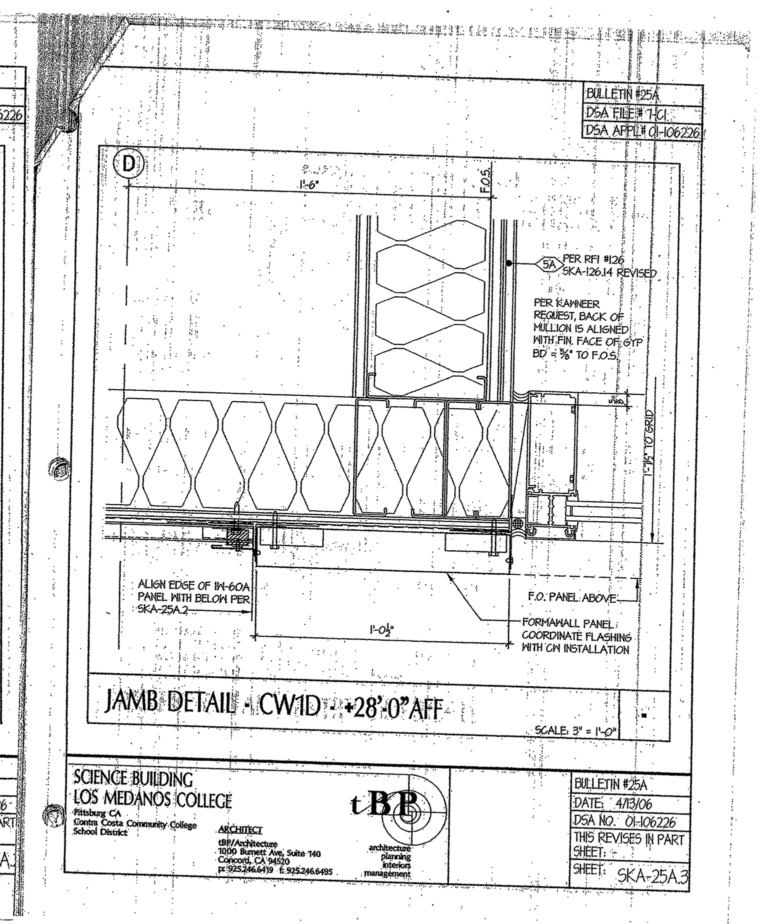
9. SKA-25A.6 is issued to indicate attachment of anchor brackets in detail 24/ sheet 403 to pipe support.
   - Forward all sketches SKA-25A.1-25A.6 to Capitol Glass.

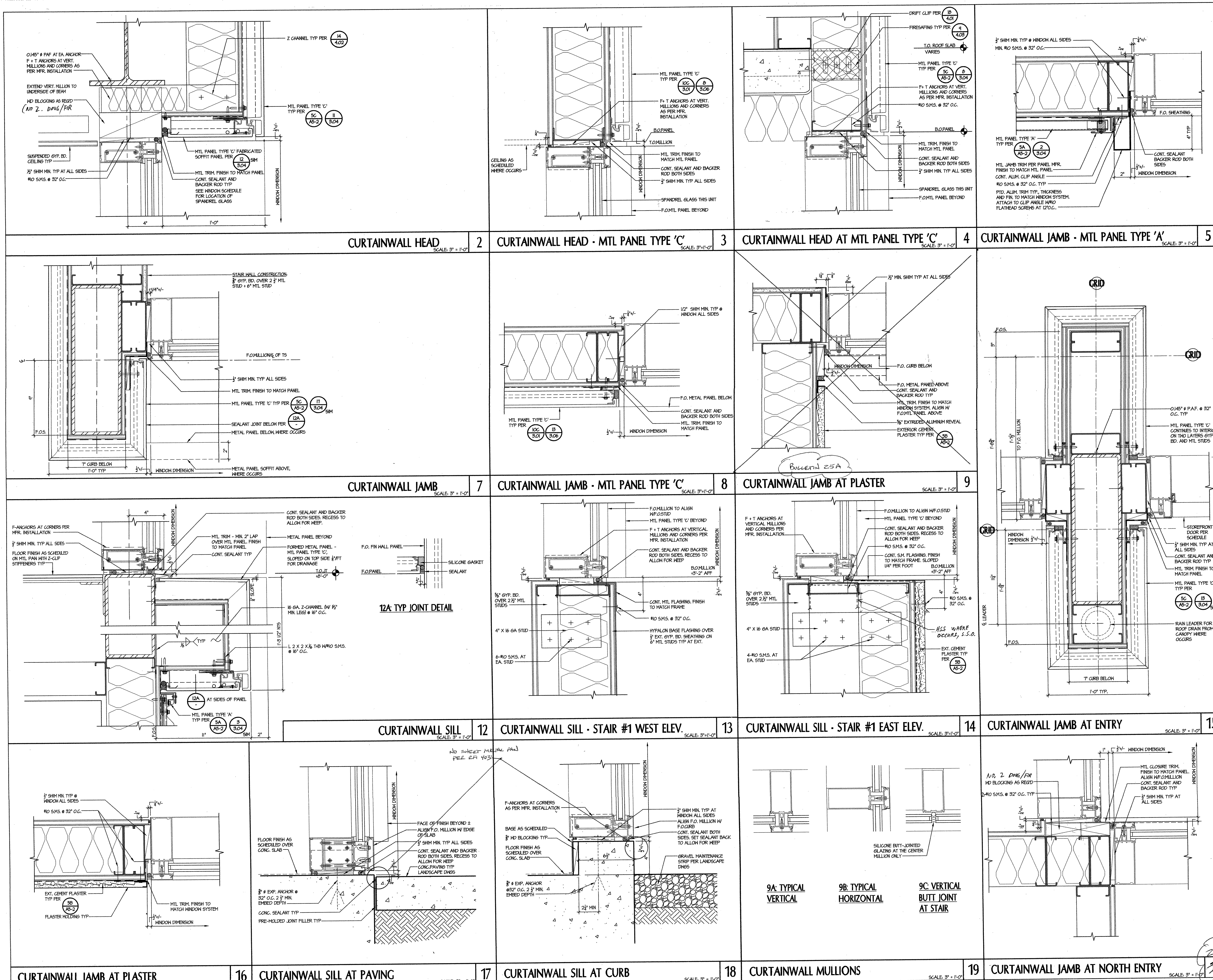
CAPITOL GLASS
PACIFIC ERECTORS
CONCORD DRYWALL
MIGUEL











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SCIENCE BUILDING
LOS MEDANOS COLLEGE

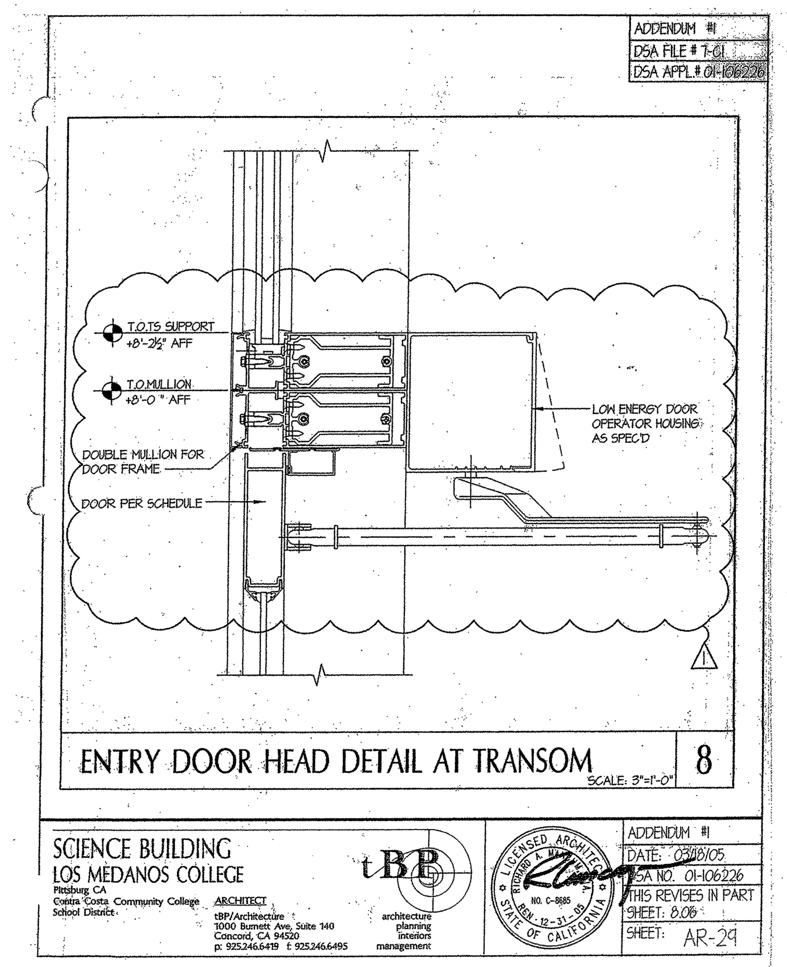
Contra Costa Community College District

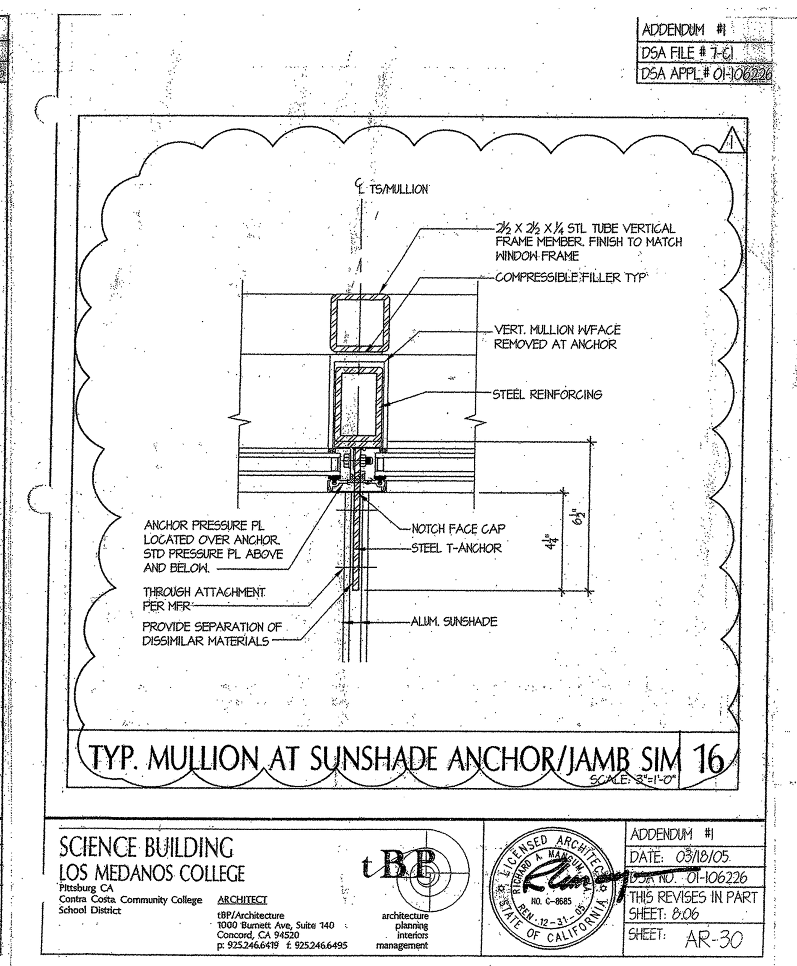
tBP project number: 20247.00
file name: DTL-0805.DWG
drawn by: CC checked by:
date: NOVEMBER 15, 2004

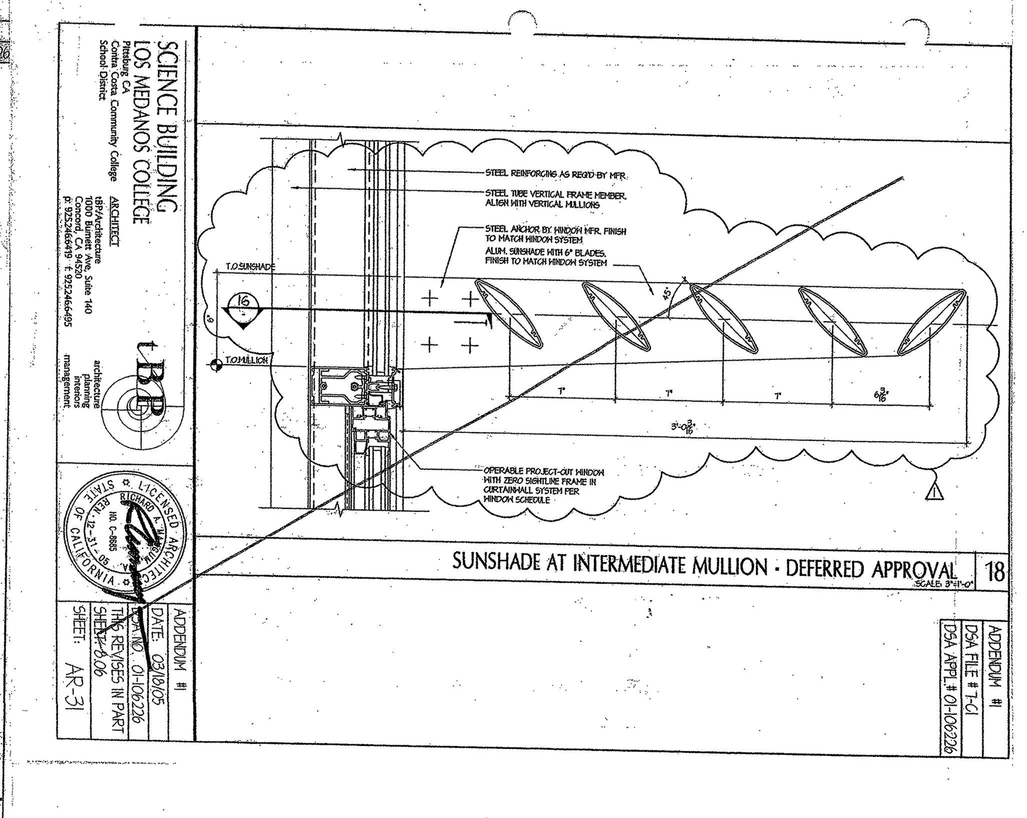
Rev.	date:	description:

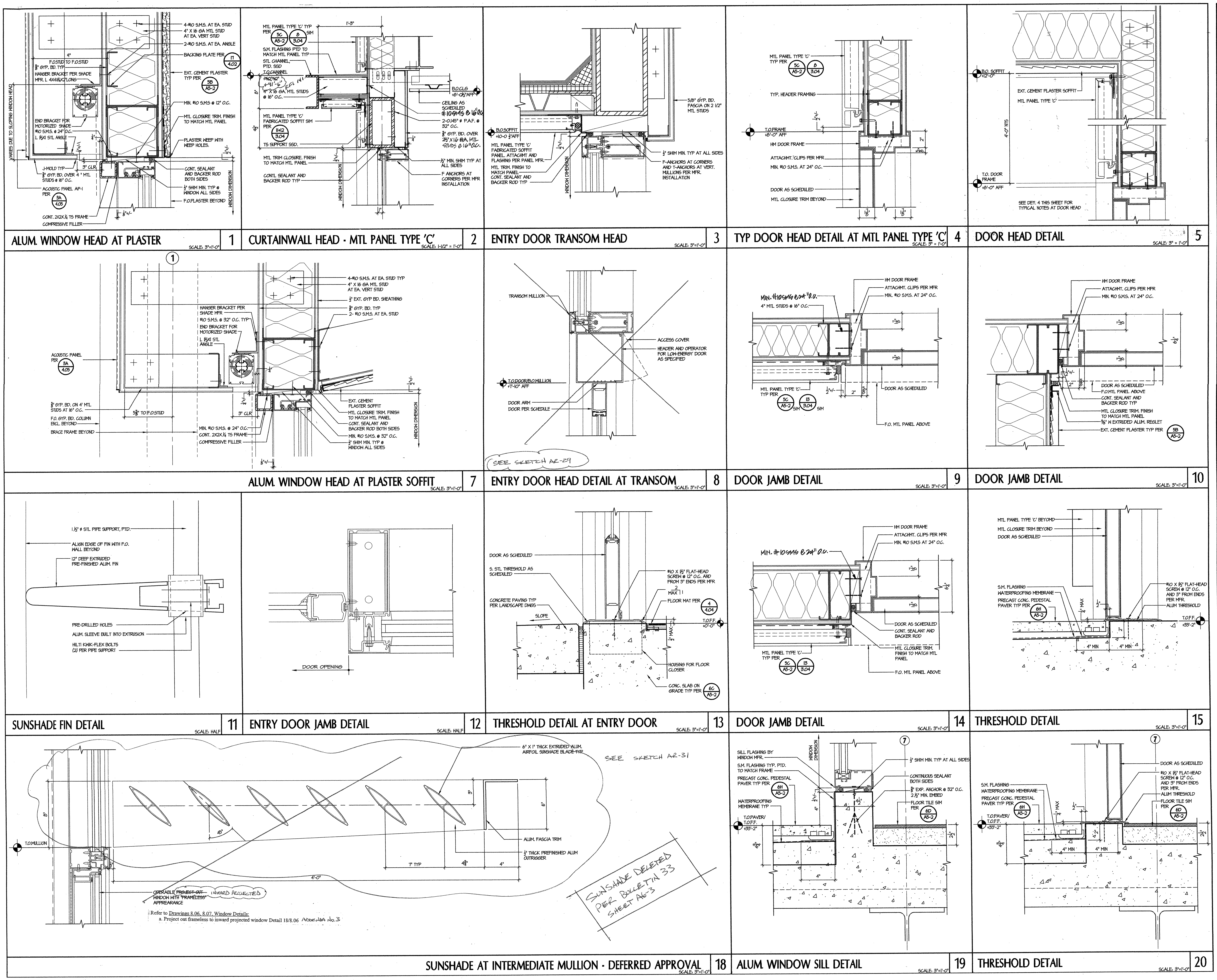
drawing title:
CURTAINWALL DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
8.05


ENTRY DOOR HEAD DETAIL AT TRANSOM
8
SCIENCE BUILDING
LOS MEDANOS COLLEGE
SHEET: AR-29


TYP. MULLION AT SUNSHADE ANCHOR/JAMB SIM
16
SCIENCE BUILDING
LOS MEDANOS COLLEGE
SHEET: AR-30


SUNSHADE AT INTERMEDIATE MULLION - DEFERRED APPROVAL
18
SCIENCE BUILDING
LOS MEDANOS COLLEGE
SHEET: AR-31



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LOS MEDANOS COLLEGE

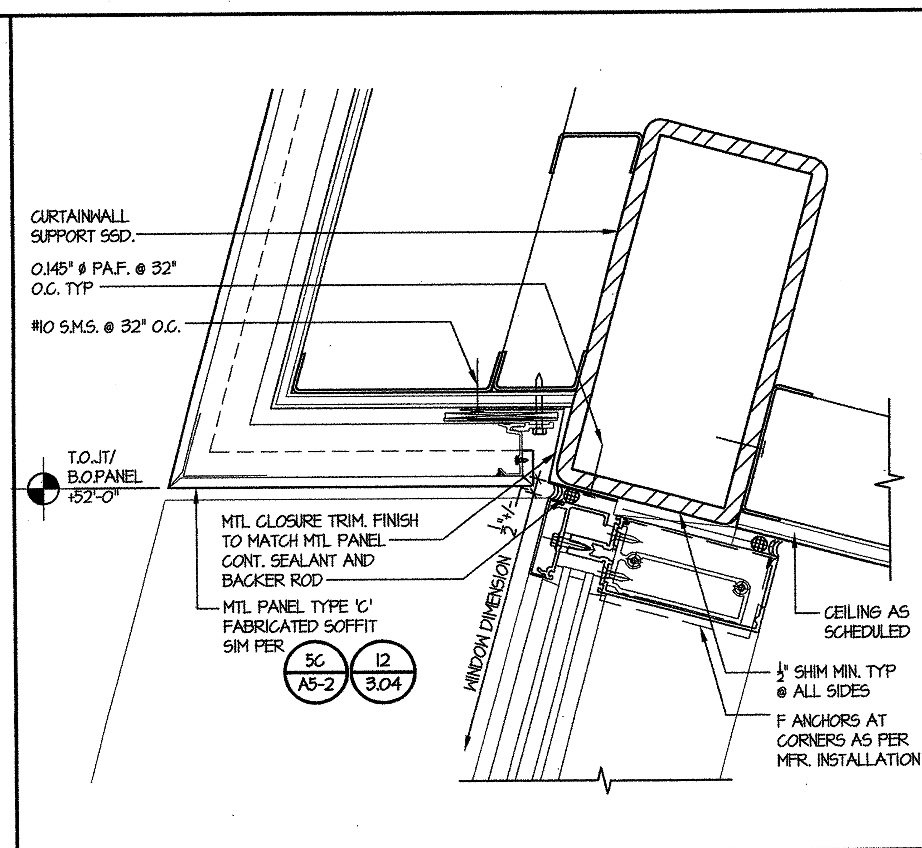
Contra Costa Community College District

tBP project number: 20247.00
file name: DTL-0806.DWG
drawn by: CC checked by:
date: NOVEMBER 15, 2004

Rev.	date:	description:

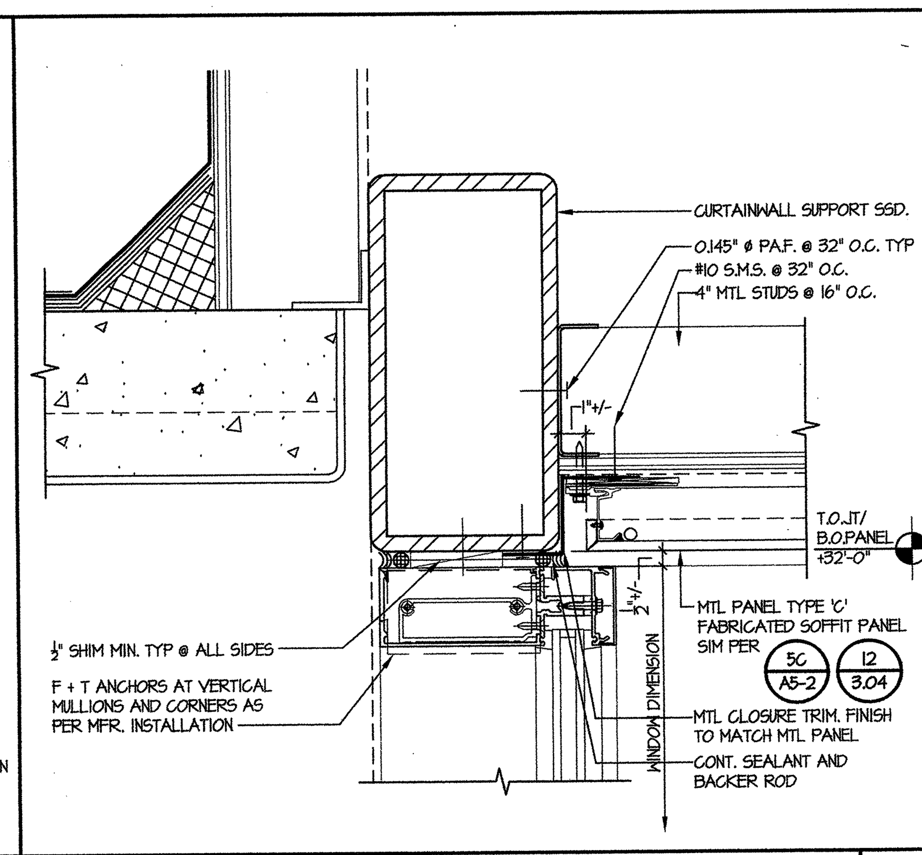
drawing title:
MISC. EXTERIOR DOOR/ WINDOW DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
8.06



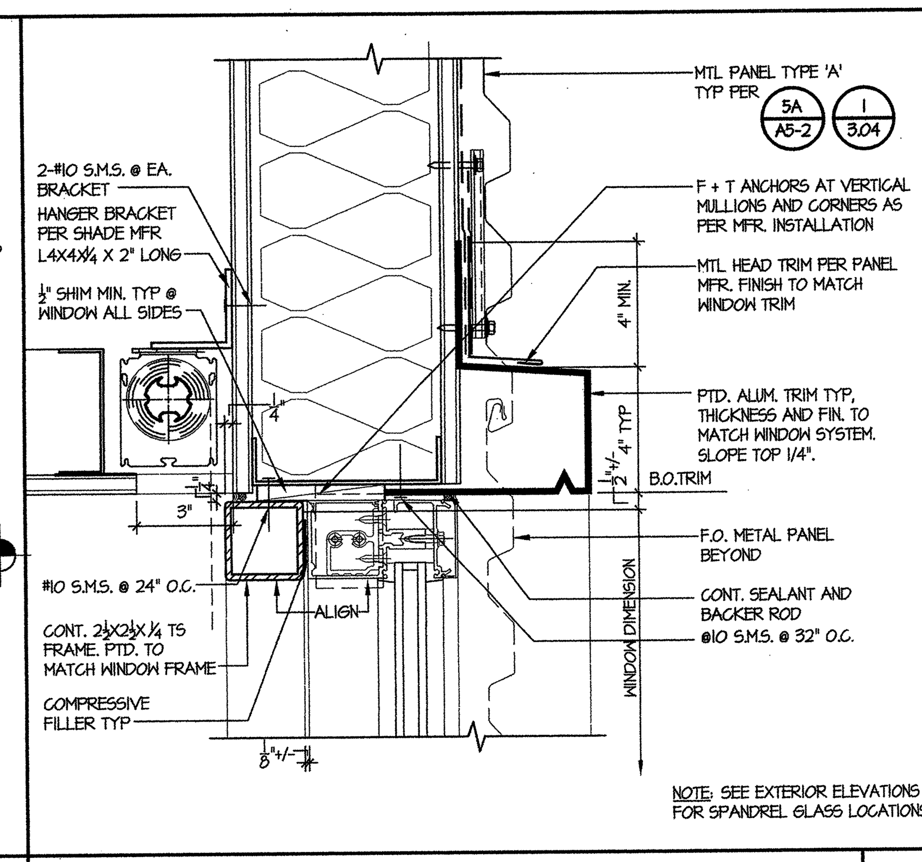
CURTAINWALL HEAD DETAIL 2

SCALE: 3" = 1'-0"



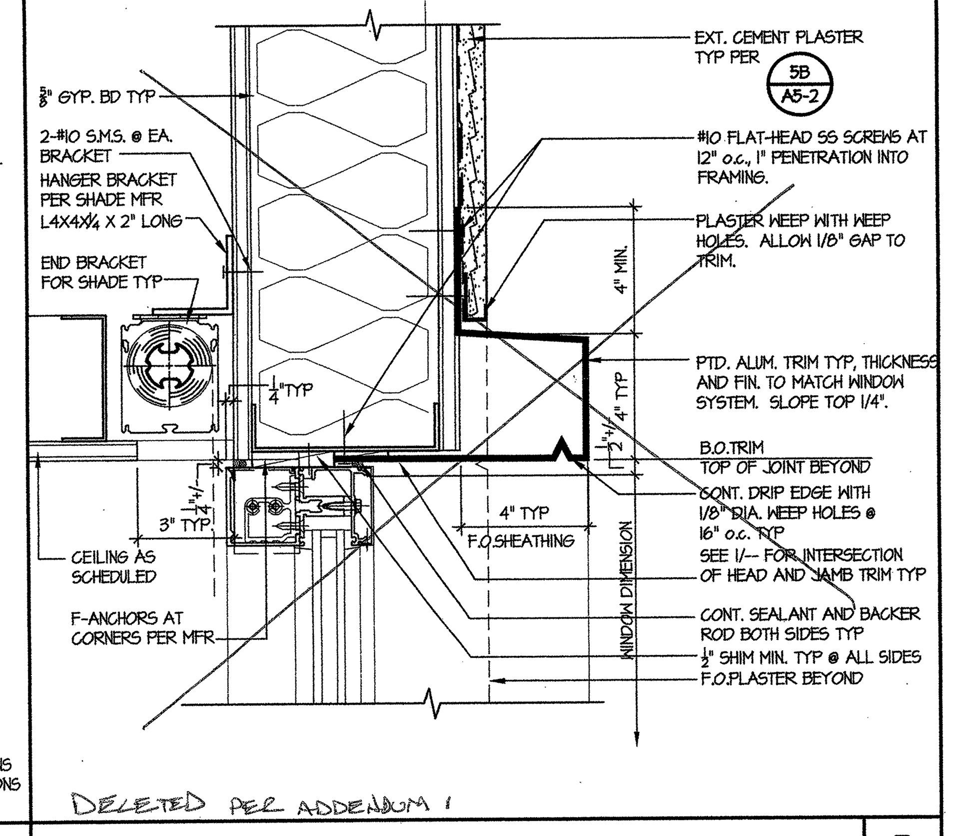
CURTAINWALL HEAD DETAIL 3

SCALE: 3" = 1'-0"



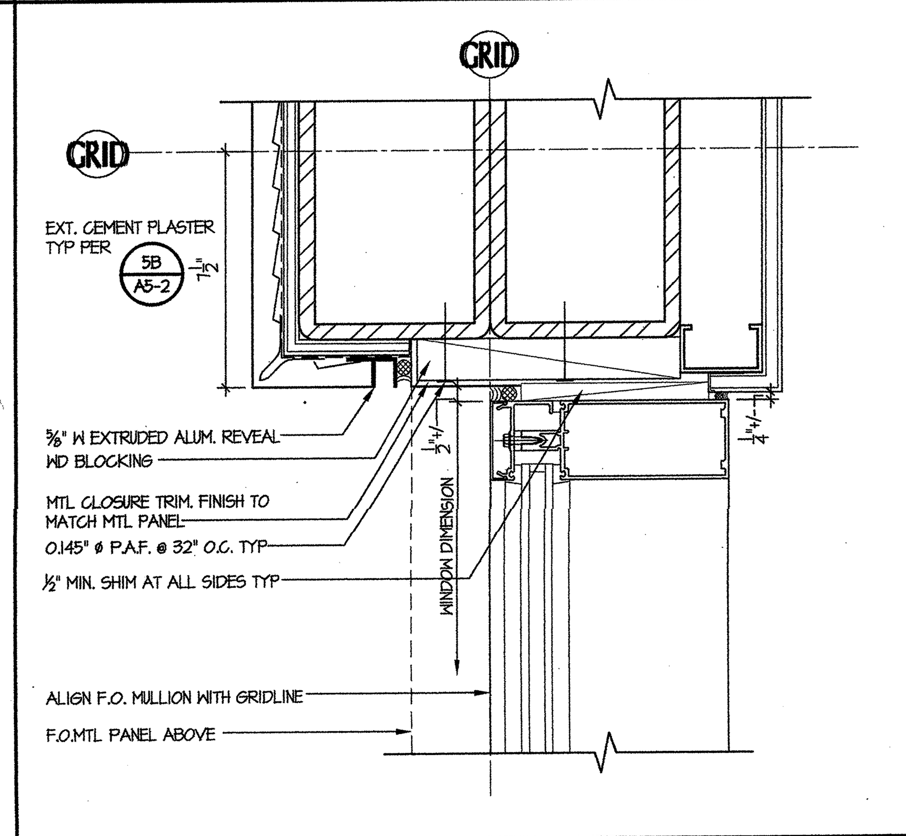
TYP. CURTAINWALL HEAD - MTL PANEL TYPE 'A' 4

SCALE: 3" = 1'-0"



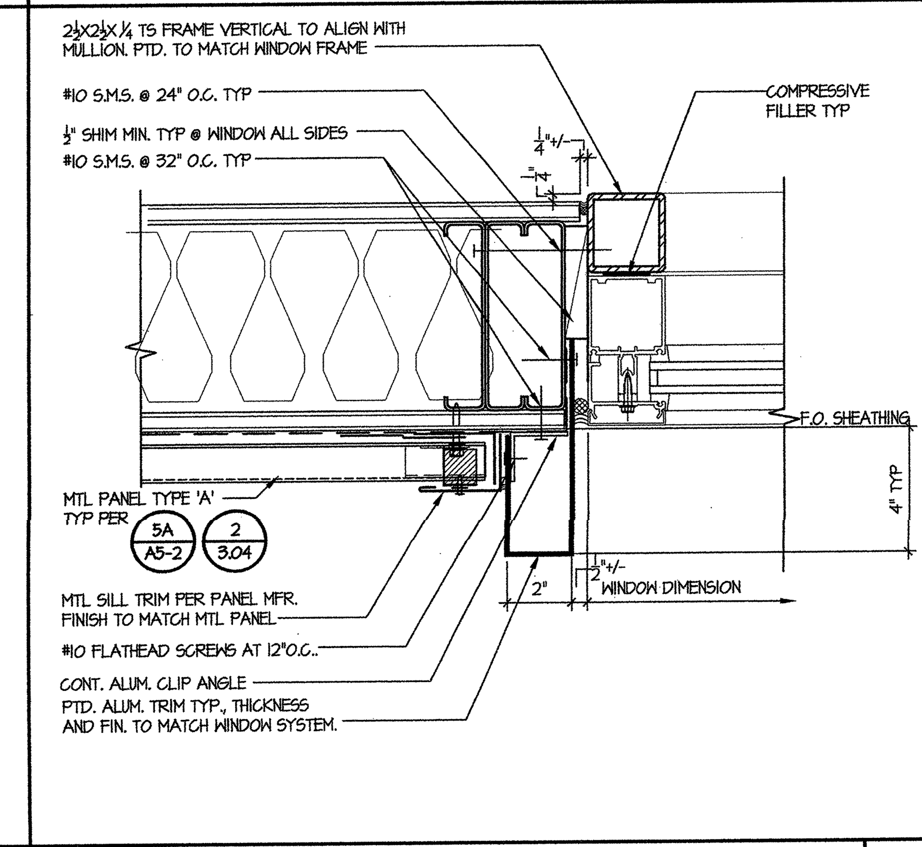
TYP CURTAINWALL HEAD AT PLASTER 5

SCALE: 3" = 1'-0"



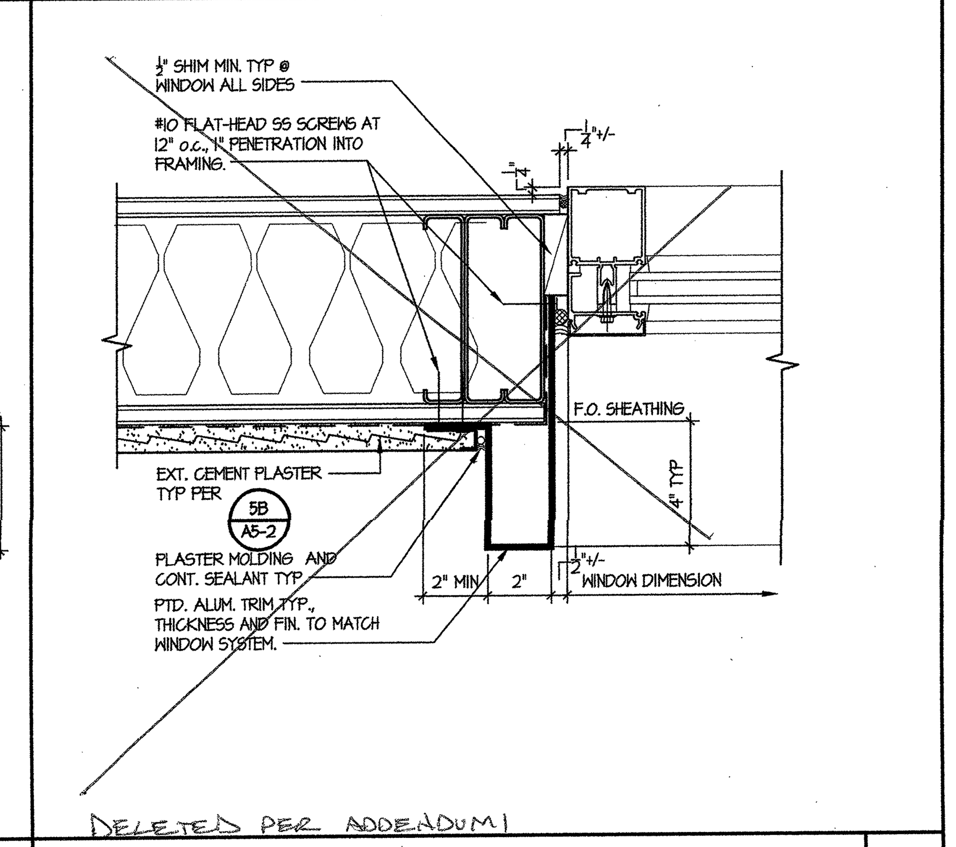
CURTAINWALL JAMB DETAIL AT PLASTER 8

SCALE: 3" = 1'-0"



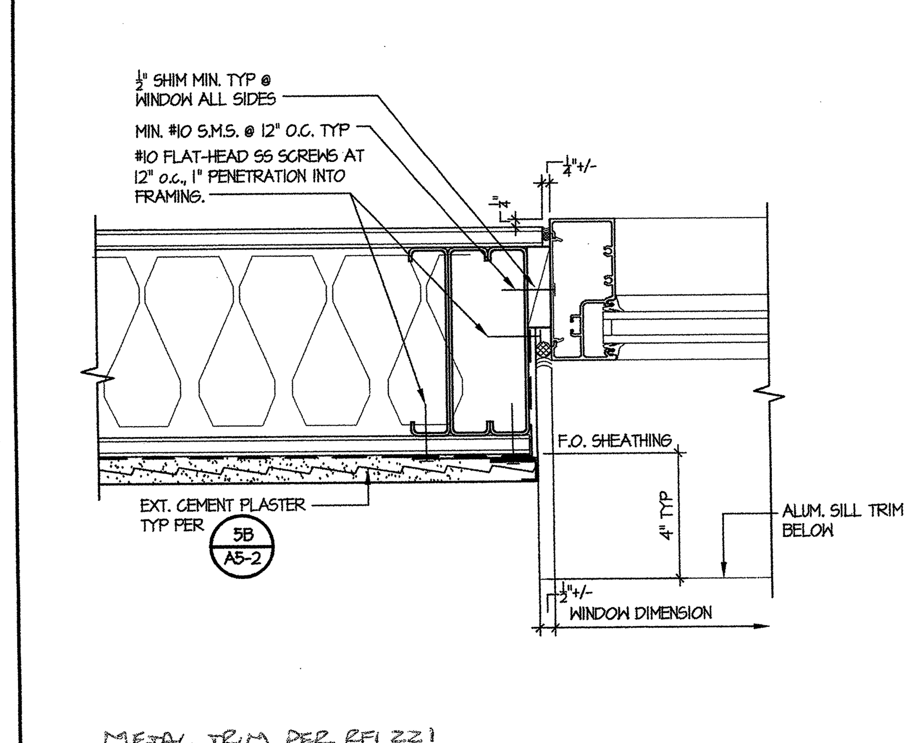
TYP. CURTAINWALL JAMB - MTL PANEL TYPE 'A' 9

SCALE: 3" = 1'-0"



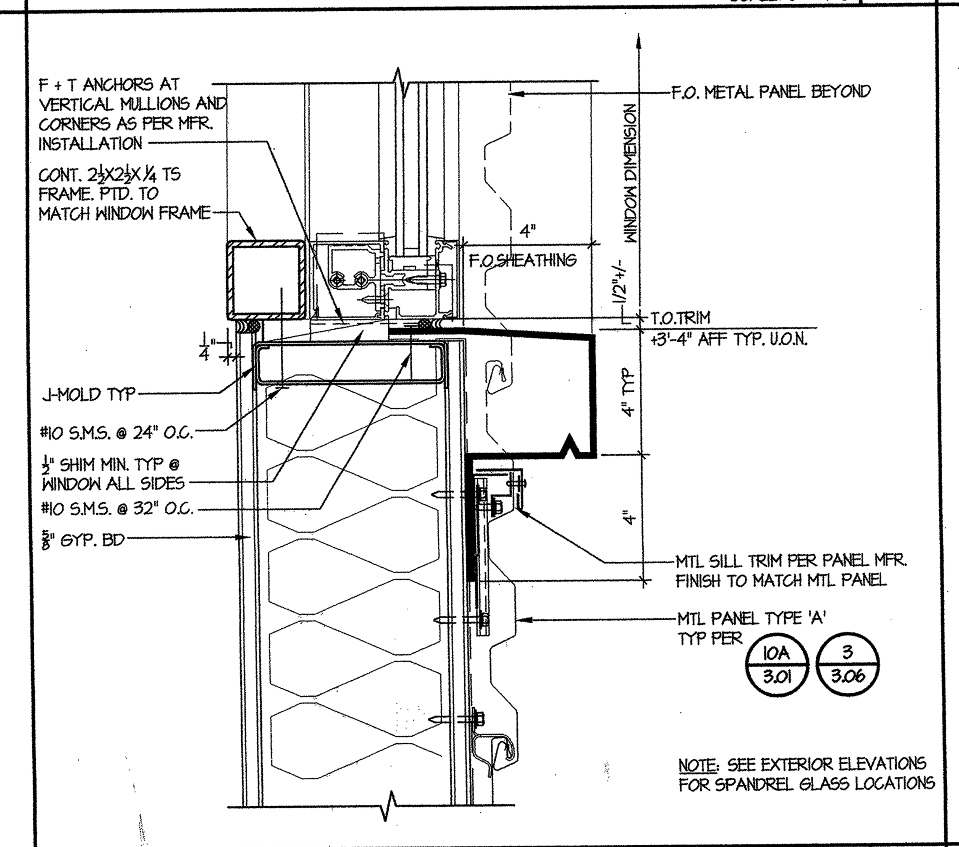
TYP CURTAINWALL JAMB AT PLASTER 10

SCALE: 3" = 1'-0"



ALUM. WINDOW JAMB AT PLASTER 13

SCALE: 3" = 1'-0"



TYP. CURTAINWALL SILL - MTL PANEL TYPE 'A' 14

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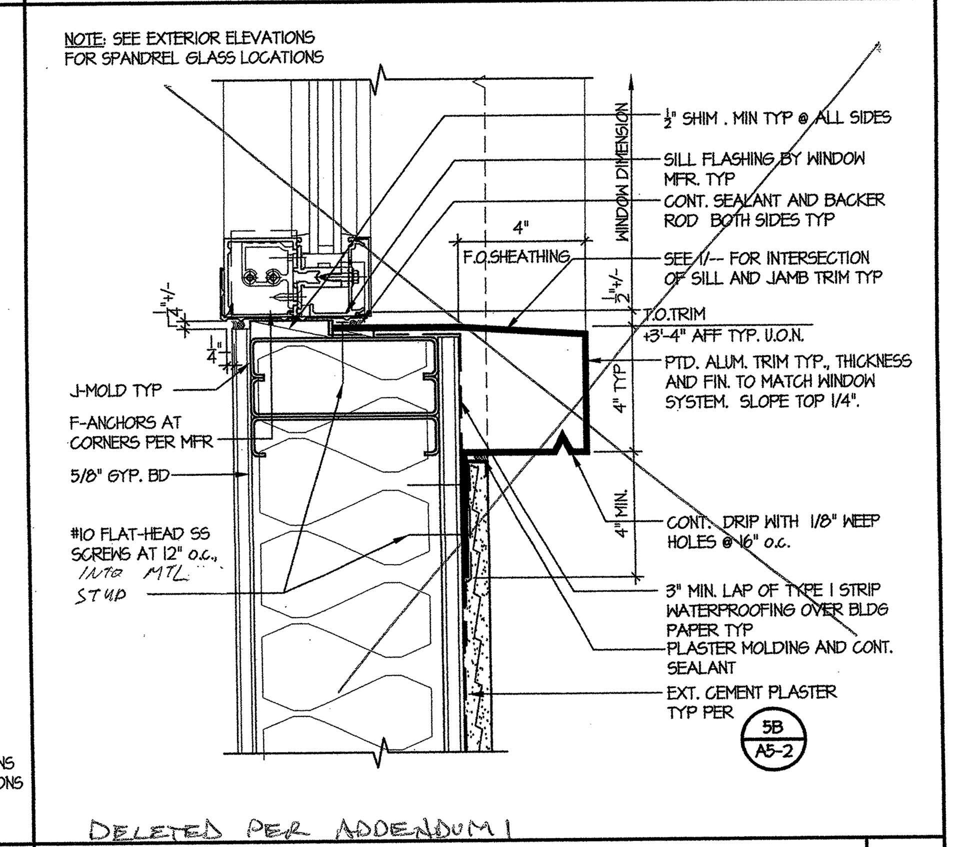
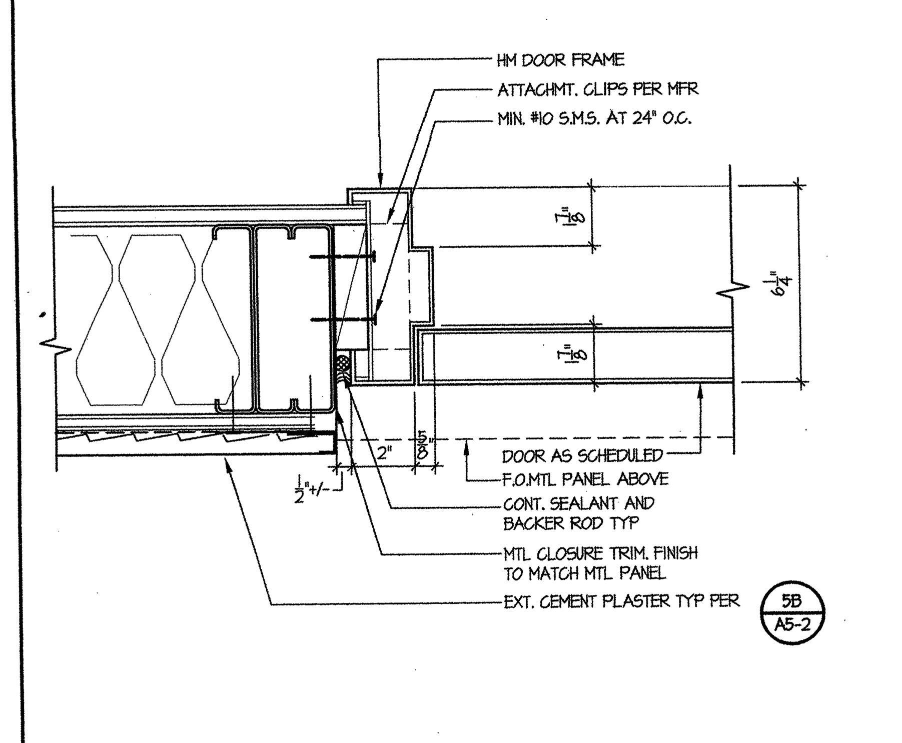


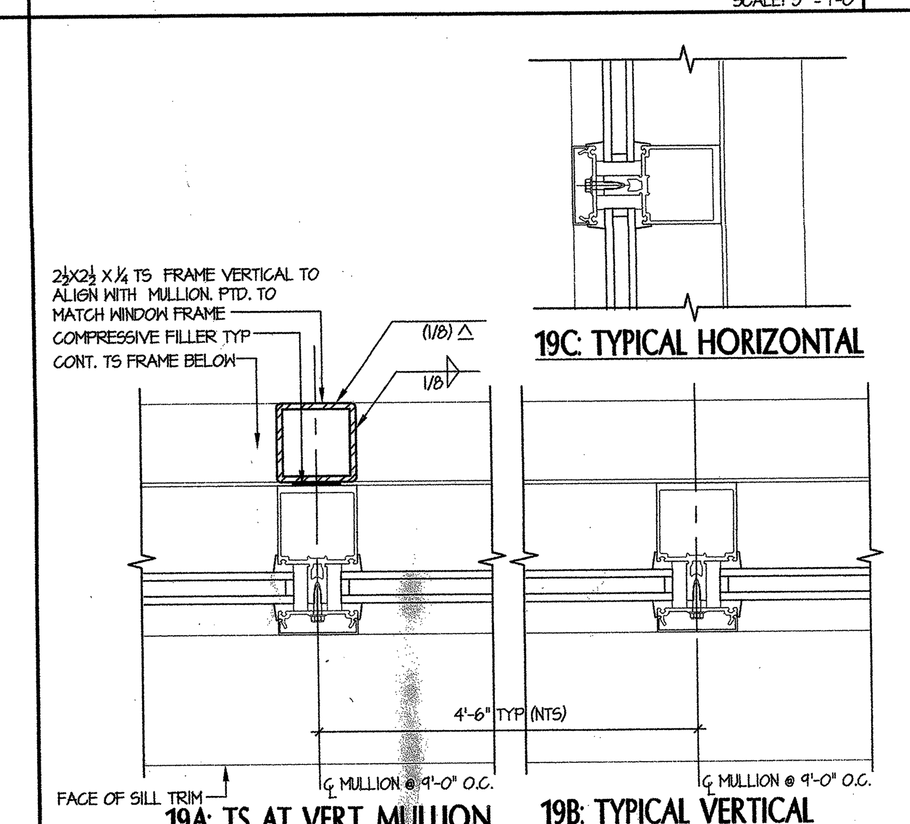
TYP CURTAINWALL SILL AT PLASTER 15

SCALE: 3" = 1'-0"



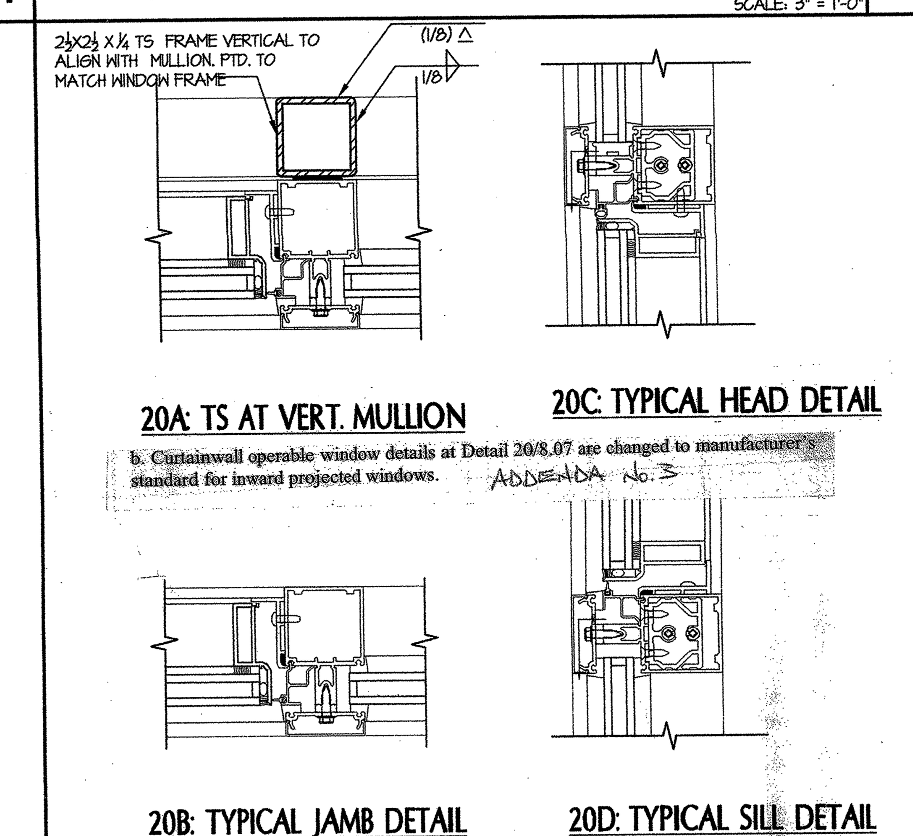
DOOR JAMB DETAIL 18

SCALE: 3"=1'-0"



TYP. CURTAINWALL MULLIONS 19

SCALE: 3" = 1'-0"



CURTAINWALL OPERABLE WINDOW DETAILS 20

SCALE: 3" = 1'-0"

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SCIENCE BUILDING LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number : 20241.00
file name: DTL-0807.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004

Rev.	date	description

drawing title:
CURTAINWALL DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
8.07

OCT-30-2006 13:11 DSA-OAKLAND 5106223073 P.001

Addendum, Change Order, Drawing, Deferred Approval Worksheet and Transmittal Memo

LMC Science

Bulletin #46 (Amended): Bent plates at horizontal mullions

OCT-30-2006 13:12 DSA-OAKLAND 5106223073 P.002

Transmittal

Date: 10/23/2006 10/30/06

To: California Dept. of General Services
Division of State Architect
1515 Clay Street, Suite 1201
Oakland, CA 94612

Attention: FAI AUYOUNG

Fax: 510-622 3073

Project: Los Medanos College Science Building — DSA #01-106226 FILE #7-C1

Project No. 20247.00 — Bulletin #46 Amended 10/20/06– Bent plates at horizontal mullions/CW anchors

Vanessa Ling, tBP/Architecture

cc 20248.00/6.1,

Re: Bulletin #46 – Bent plates at horizontal mullions/CW anchors

Copies:	Description:
1 ea	Bulletin #46_Amended 10/20/06– including SSK-46.1, structural calc, partial Submittal #77.1: sheet 200-205, curtain wall calculation p. 63, enlarged detail at bent plate(14 pages)
1 ea	DSA not approval – Bulletin #46_10/10/06

Message: Please review.

Delivery:
- ☐ UPS
- ☐ U.S. Mail
- ☐ Messenger
- ☐ Hand Delivery
- ☒ Faxed

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tBP/Architecture 1000 Burnett Ave. Suite 140, Concord, CA. 94520. ph: 925.246.6419. fax: 925.246.6495

OCT-30-2006 13:12 DSA-OAKLAND 5106223073 P.003

Bulletin No.46 – Amended 10/20/06

Date: 10/20/2006

To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

APPROVED DIV OF THE STATE ARCHITECT APPL NO 01-106226 DATE 10/30/2006

Description:

REFERENCE: Submittal #77.1:

Provide bent steel plates as shown in SSK-46.1 (revised per DSA comments) and related structural calculation at horizontal mullions of Curtain walls as noted in attached sheets 200-205 from Submittal #77.1 for details 5/400, 34/406 and 38/406 (attached for reference).

The ¼" x 4" x 3" bent steel plate must be placed in the cavity between the vertical mullion and the HSS column for the attachment of the T/F anchors at the horizontal mullion locations.

A total of 78 bent plates are required as noted below. This total may be reduced to 54 plates, if 12'-0" max. continuous verticals are used as noted for CW3, CW4 and CW6.

- CW1A, CW1C, CW1D, CW1E: 8 required at each CW; total 32
- CW3: 18 required as shown; could be reduced to 10 with use of continuous verticals
- CW4, CW6: 14 required as shown; could be reduced to 6 with use of continuous verticals

Provide cost proposal estimate for the work described for both 54 total and 78 total bent plates, based on discussion with Kawneer/Capitol Glass.

Issued By: Architect

Requested By: Architect

Reason: Clarification to requirements for bent plate at horizontal mullions of CW.

Enclosures: SSK-46.1 (Revised per DSA comments), structural calculations, Submittal #77.1: sheets 200-205, Curtain wall calculation, page 63, and enlarged detail at bent plate.

Distribution:

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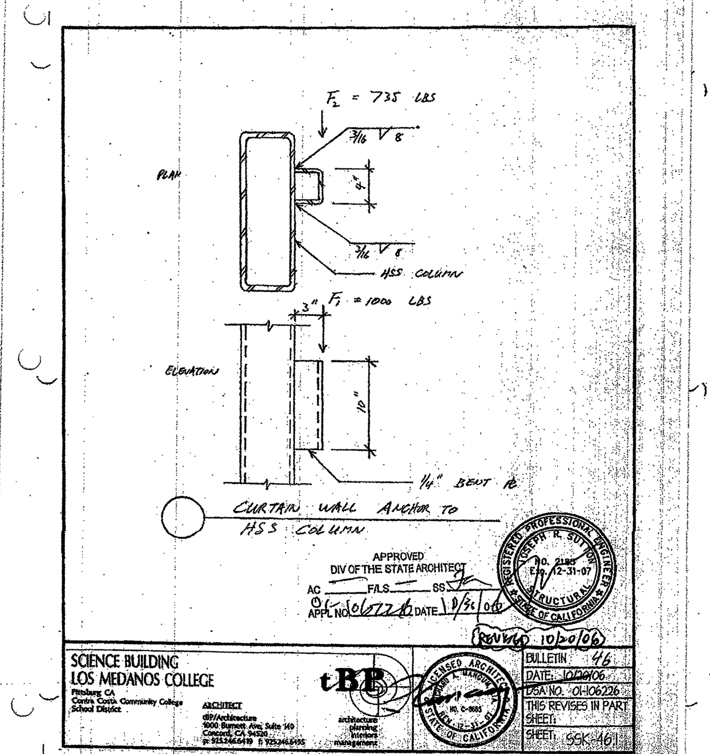
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture
1 copy	Chiang Ng	DASSE

OCT-30-2006 13:12 DSA-OAKLAND 5106223073 P.004

BULLETIN # 00
LOS MEDANOS COLLEGE SCIENCE BUILDING

Action:
- ☐ For Information/Clarification only
- ☒ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☒ Requires DSA review and approval
- ☐ Proceed as authorized by District

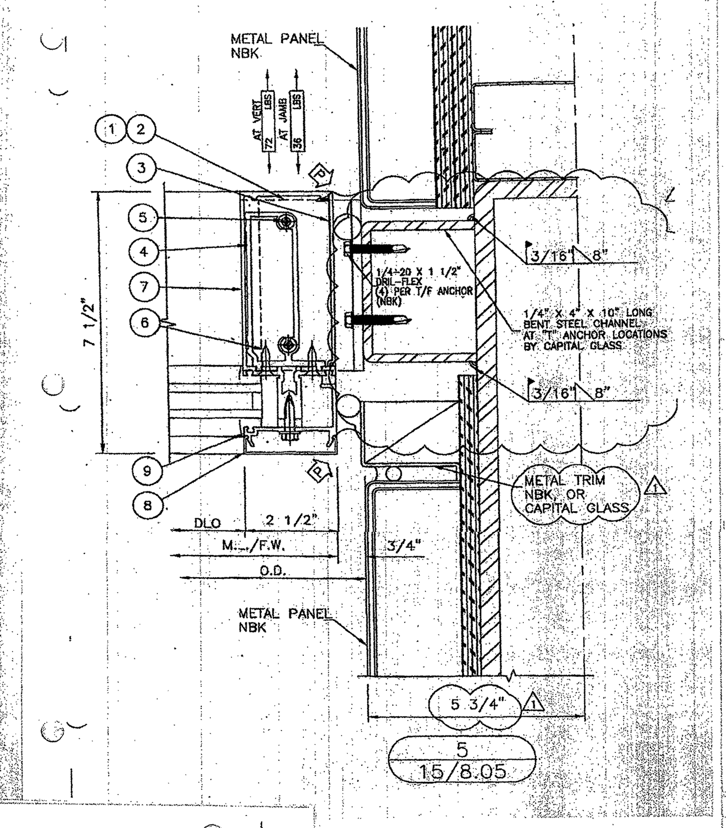


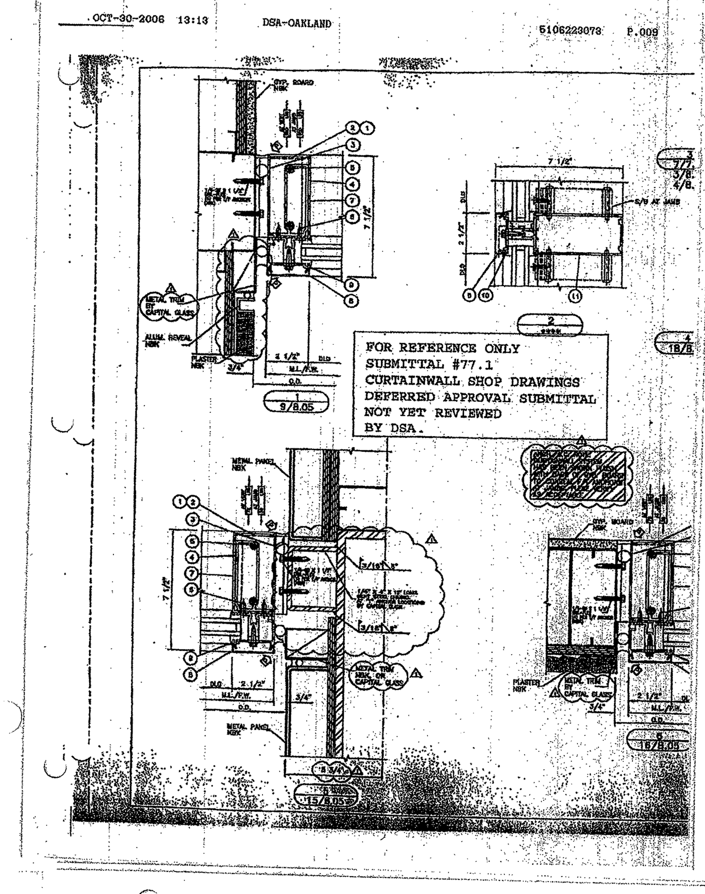
OCT-30-2006 13:12 DSA-OAKLAND 5106223073 P.006

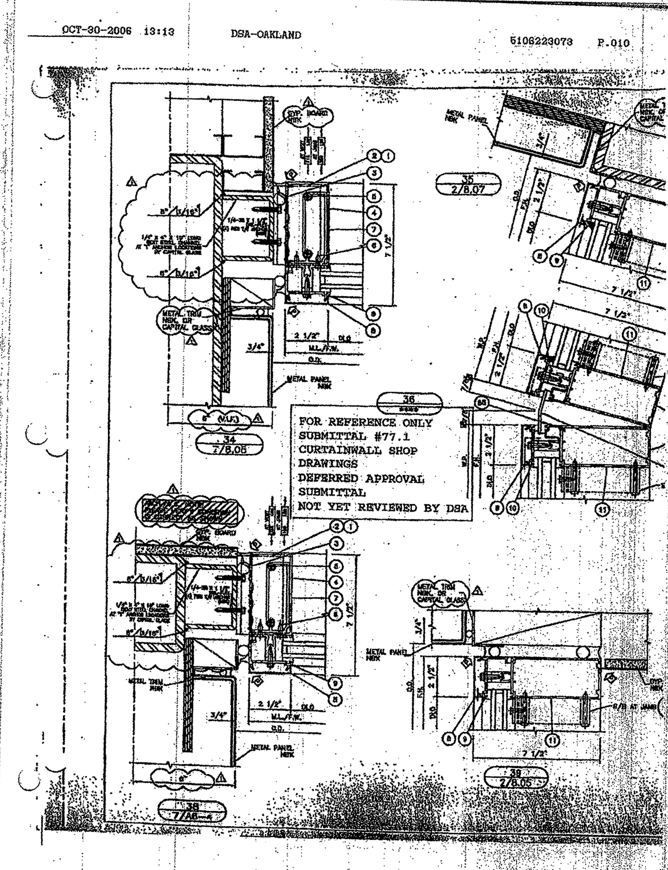
DASSE — Dasse Design Inc. Structural Engineers

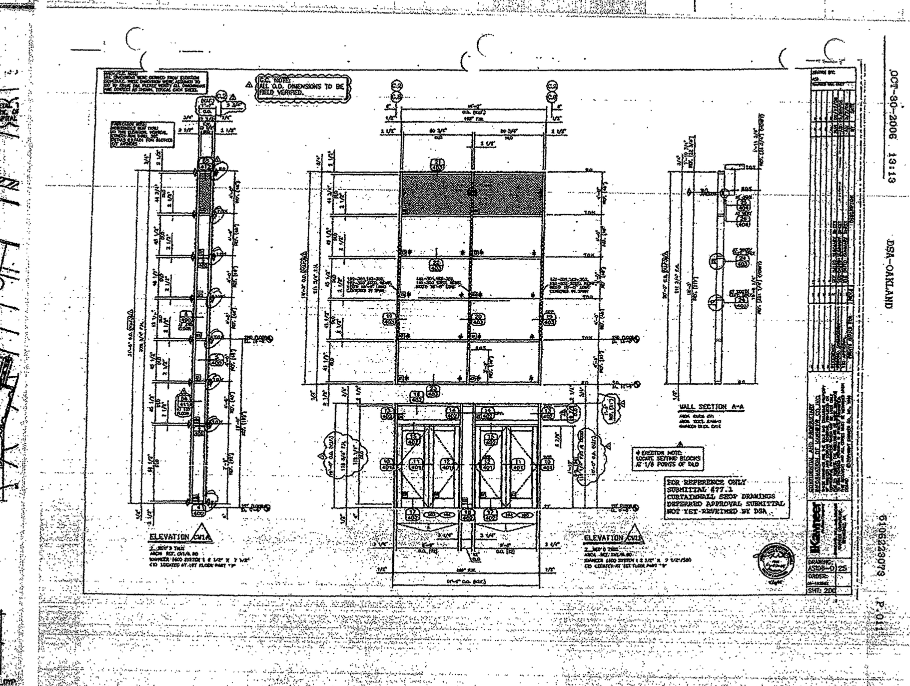
Project: LMC Science — Job No. 028318x2 — By: CHN — Date: 10/20/06 — Page 1/1

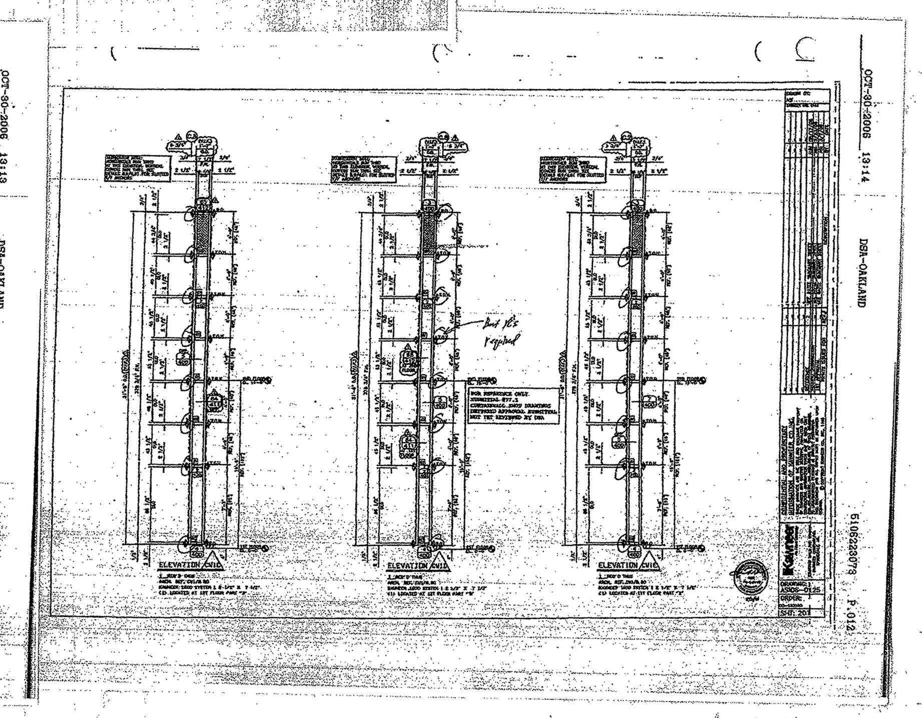
Anchor Analysis
Detail 5/400, others by comparison

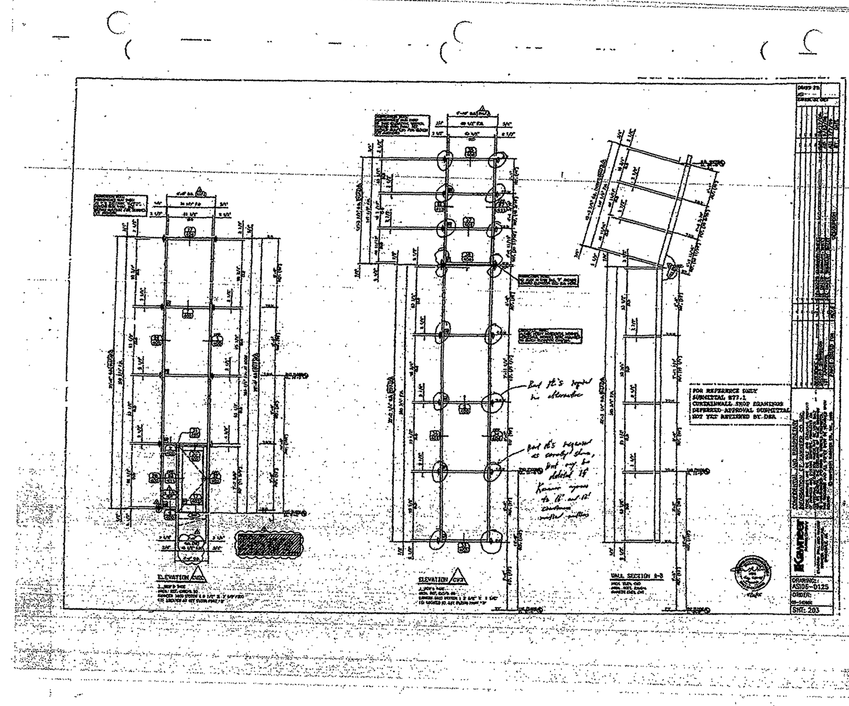


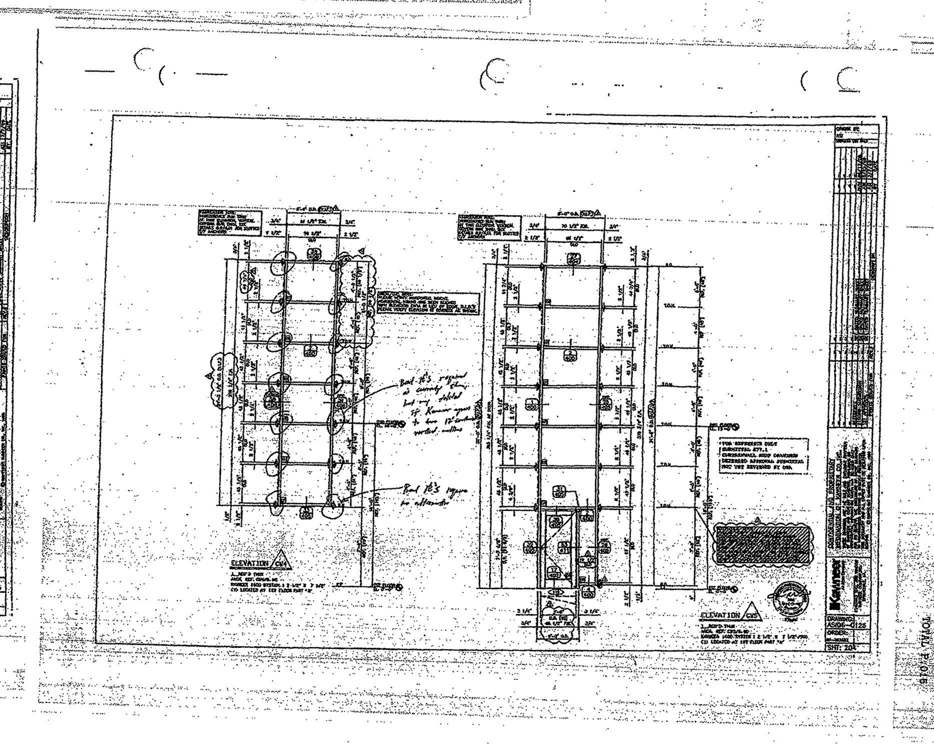


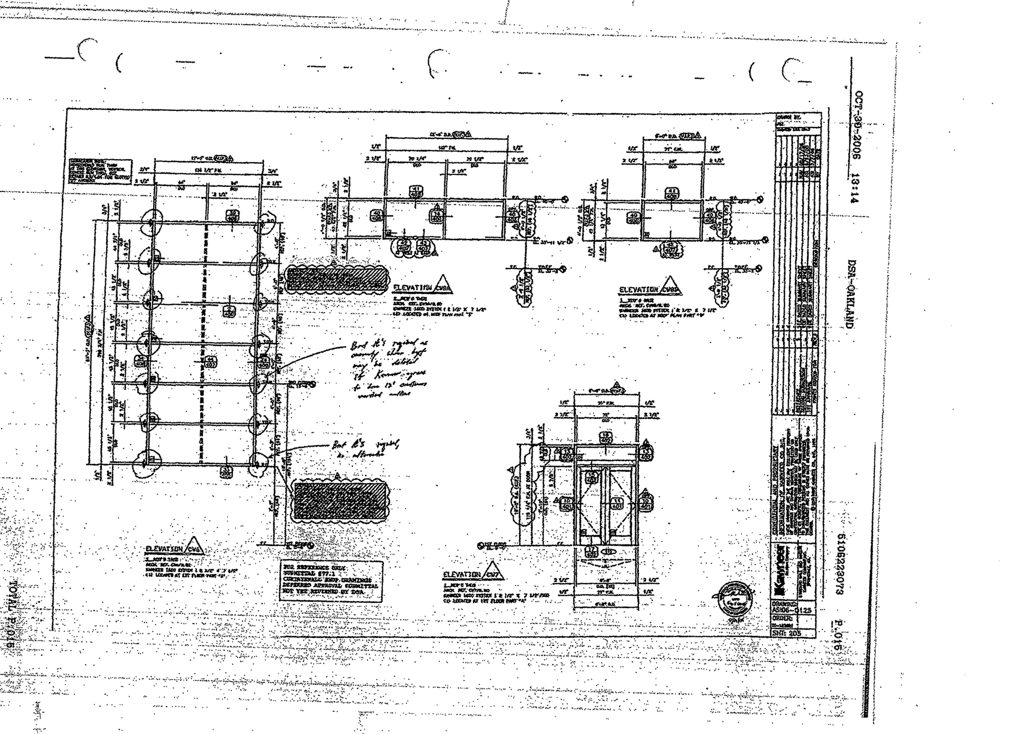




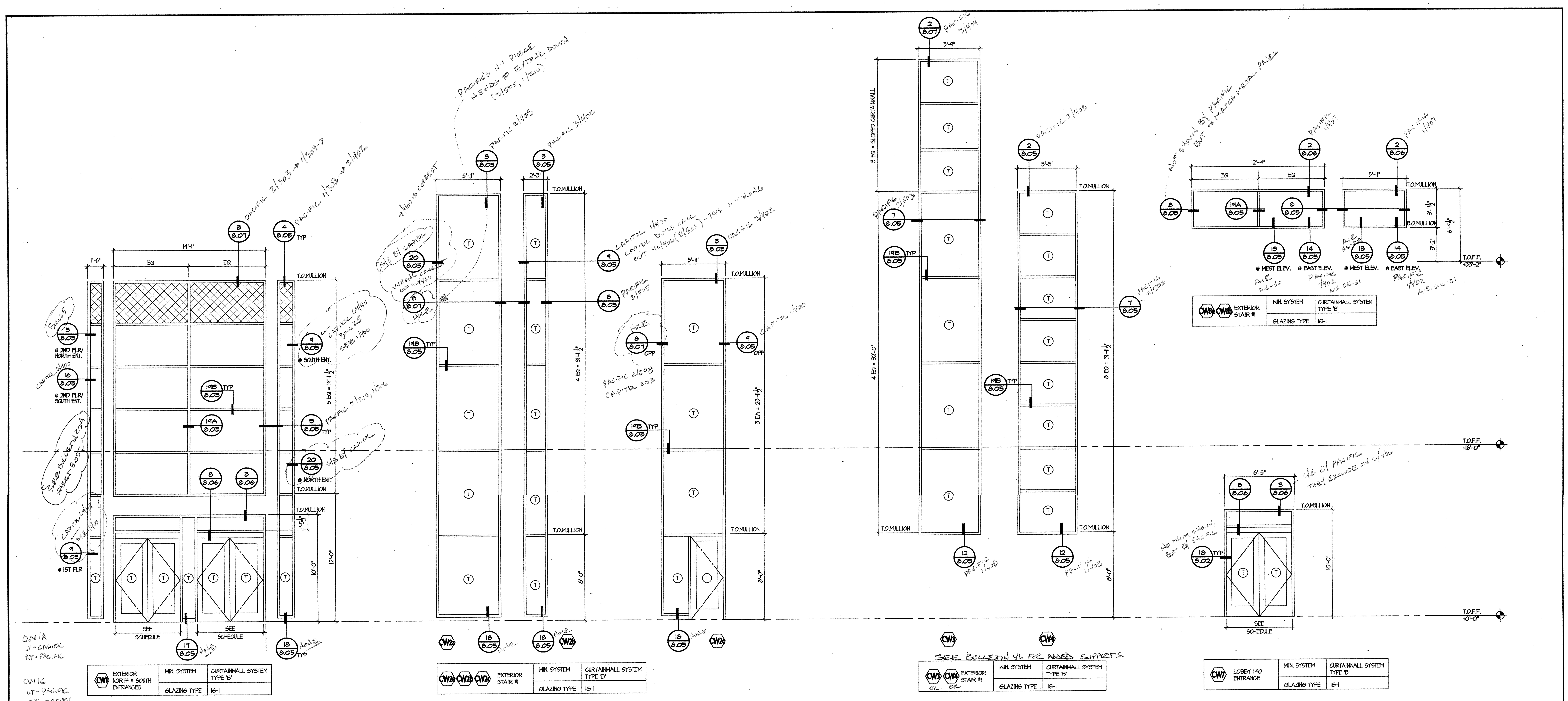


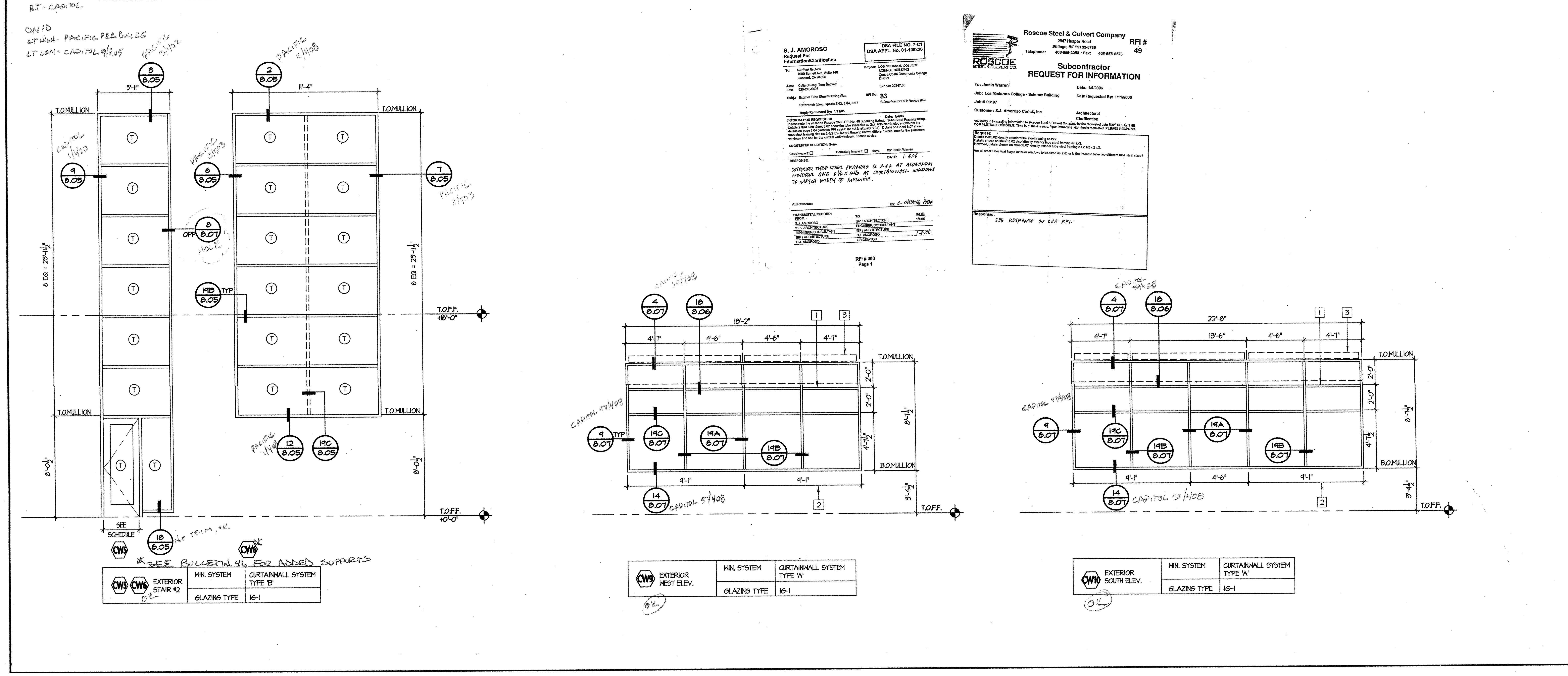






Los Medanos College
4CD Proj. #: L-565-B-23-SC
Science Building





KEY NOTES

1. HORIZONTAL SUNSHADE PER DET. **18/8.06**
2. SPACING OF TS FRAME TO ALIGN WITH MULLIONS
3. MANUAL SHADE CONCEALED IN CEILING. COORDINATE WIDTH OF SHADE WITH INTERIOR PARTITION LOCATIONS PER PLANS
4. MOTORIZED SHADE

LEGEND :

GLASS TYPE IG-1 CLEAR INSULATED	ALUM. LOUVER
GLASS TYPE IG-2 INSULATED SPANDREL	OPERABLE UNIT
GLASS TYPE FG-1	TEMPERED GLASS
GLASS TYPE WG WIRE GLASS	

GENERAL NOTES

1. REFER TO SPECIFICATIONS FOR DESCRIPTION OF CURTAINWALL SYSTEMS, ALUMINUM WINDOWS AND GLASS TYPES.

2. ALL CURTAINWALLS SHOWN ON THIS SHEET ARE DEFERRED SUBMITTALS. COMPLETE ENGINEERING DESIGN SHALL BE SUBMITTED TO DSA BY THE SUCCESSFUL BIDDER.

3. DIMENSIONS SHOWN ARE APPROXIMATE, NOMINAL, UNIT DIMENSIONS. VERIFY ALL DIMENSIONS WITH DETAILS; SHIM SPACE, REVEAL ALIGNMENTS, FIELD CONDITIONS ETC. THAT MAY AFFECT FINAL DIMENSIONS.

4. REFER TO ELEVATIONS A4-1 AND A4-2 FOR LOCATION AND EXTENT OF SPANDREL UNITS, OPERABLE UNITS AND SUN CONTROL DEVICES.

5. T.O.MULLION TO ALIGN WITH T.O. JOINT TYP.

6. FRAME MATERIAL OF ALL CURTAINWALL AND EXTERIOR WINDOWS IS ALUMINUM. FINISH AND COLOR TO MATCH METAL PANEL.

7. ALL INTERIOR WINDOWS TO HAVE MANUAL OPERATED MINI BLINDS U.O.N. ALL INTERIOR WINDOWS ARE HOLLOW METAL.

8. ALL EXTERIOR WINDOWS TO HAVE MANUAL OPERATED SHADES, U.O.N.

9. ALL INTERIOR GLASS TO BE TEMPERED, TYP.

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LICENSED ARCHITECT · RICHARD A. MANGUM, AIA · NO. C-8885 · REN. 12-31-05 · STATE OF CALIFORNIA

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SCIENCE BUILDING
LOS MEDANOS COLLEGE

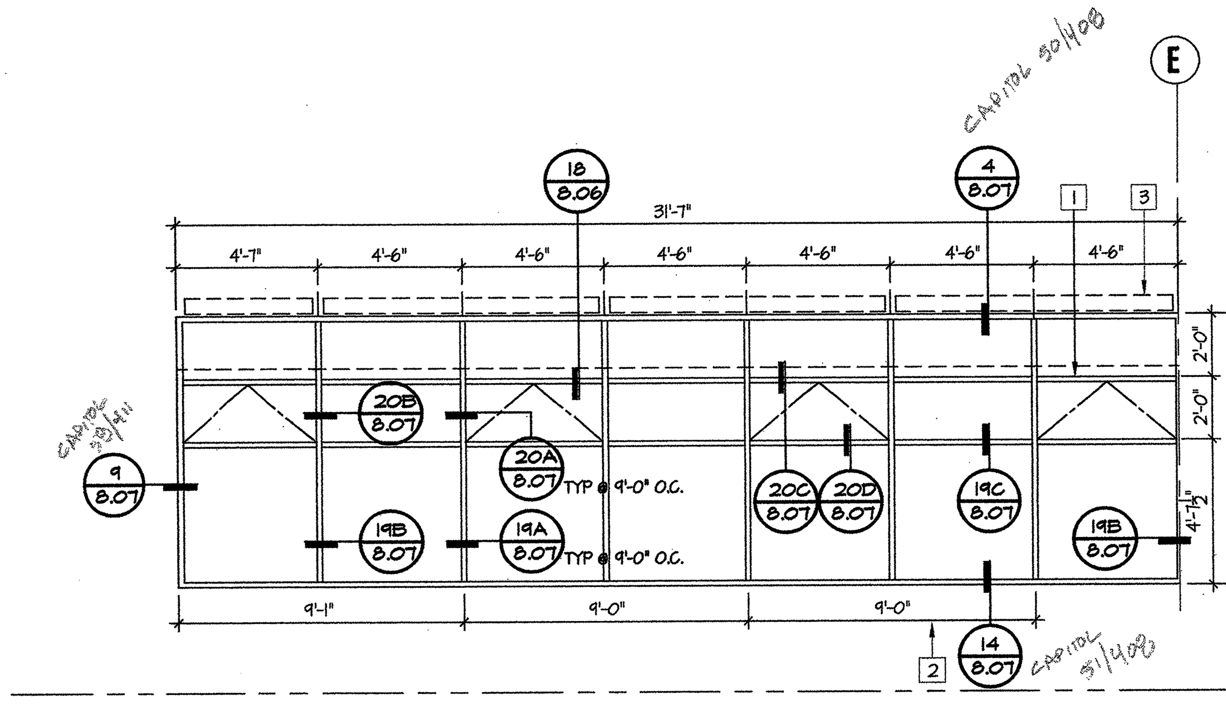
Contra Costa Community College District

tBP project number : 20247.00
file name: DTL-0880.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004

Rev.	date	description

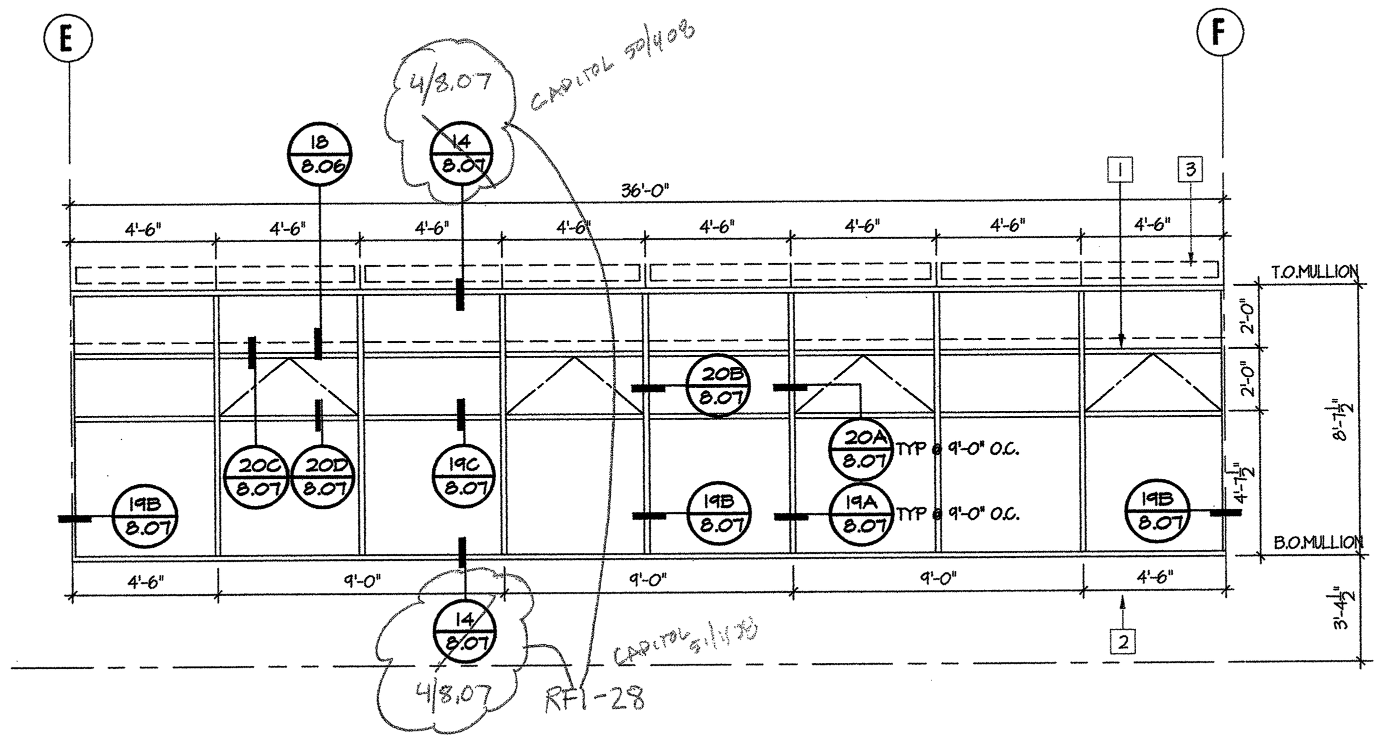
drawing title:
CURTAINWALL SCHEDULE

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
8.80



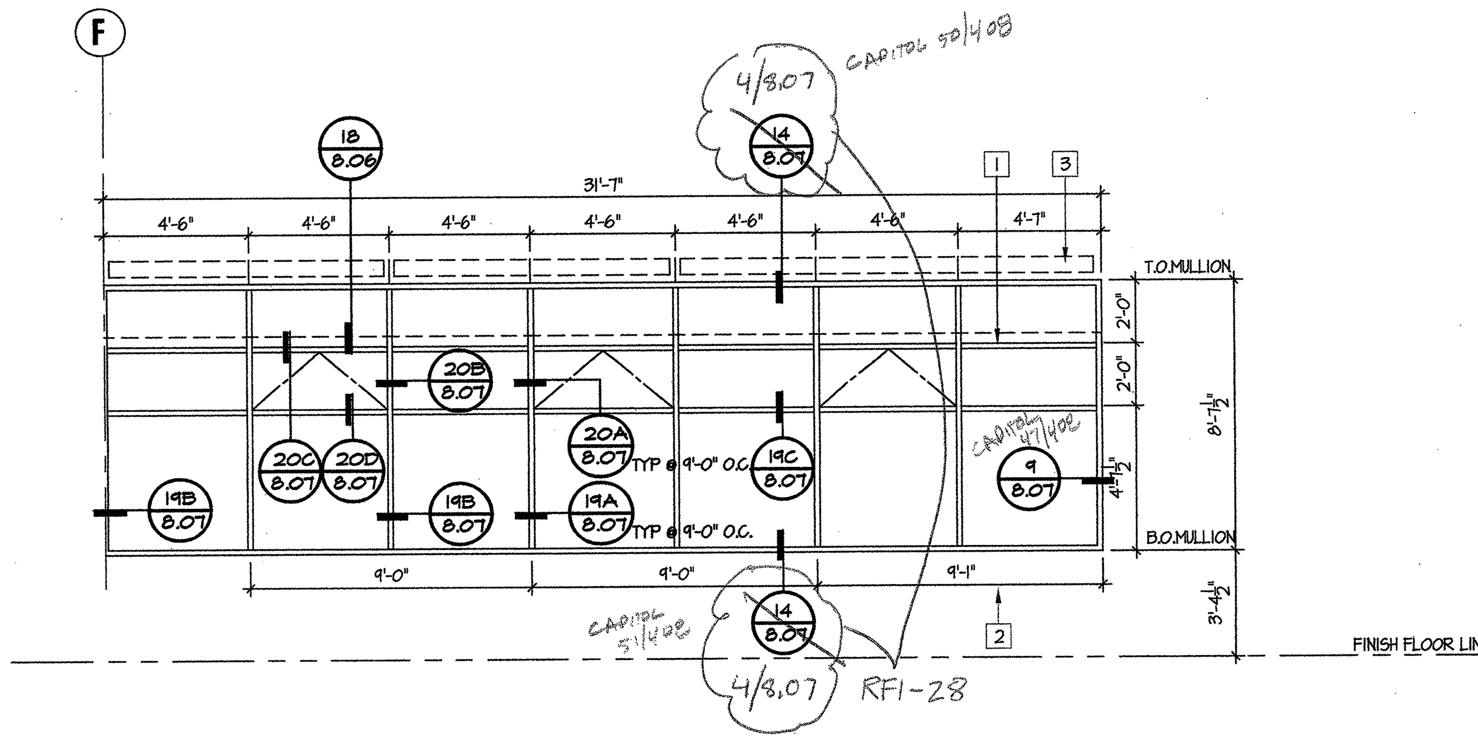
CW	WIN. SYSTEM	CURTAINWALL SYSTEM TYPE 'A'
EXTERIOR SOUTH ELEV.	GLAZING TYPE	IG-1

OK



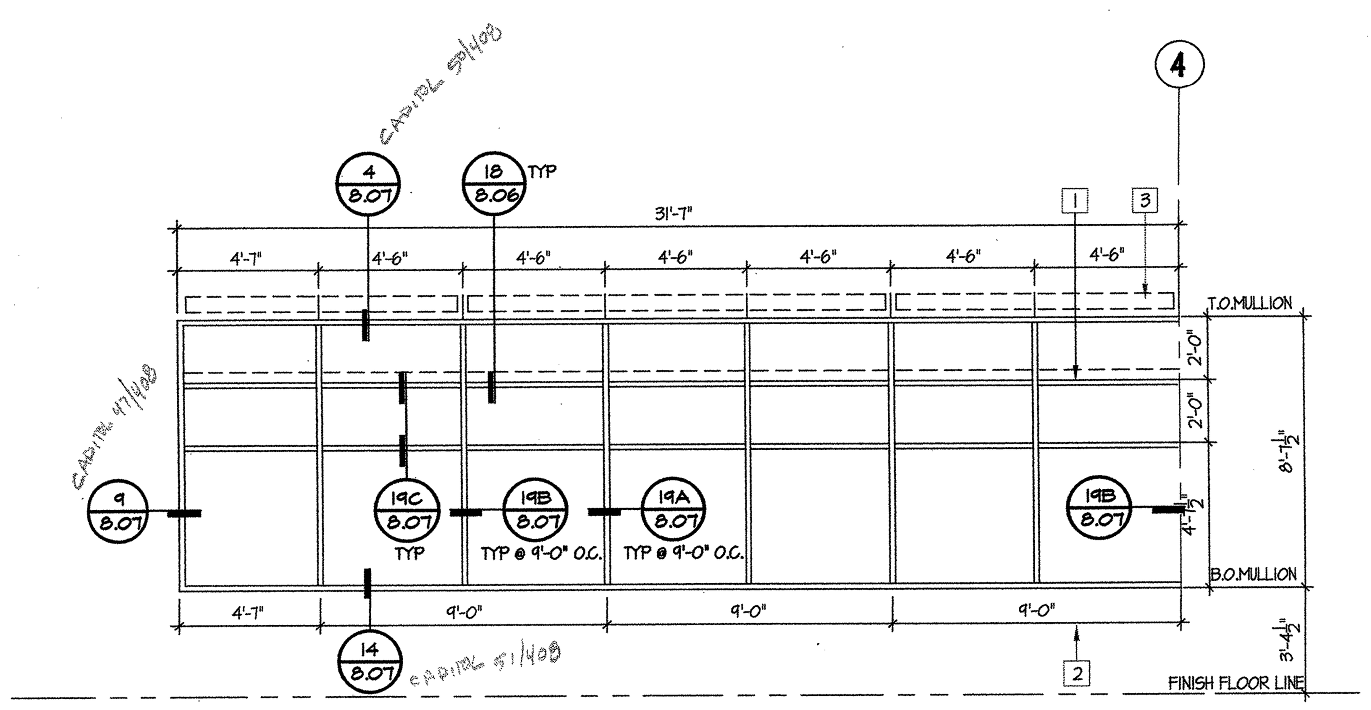
CW	WIN. SYSTEM	CURTAINWALL SYSTEM TYPE 'A'
EXTERIOR SOUTH ELEV.	GLAZING TYPE	IG-1

OK



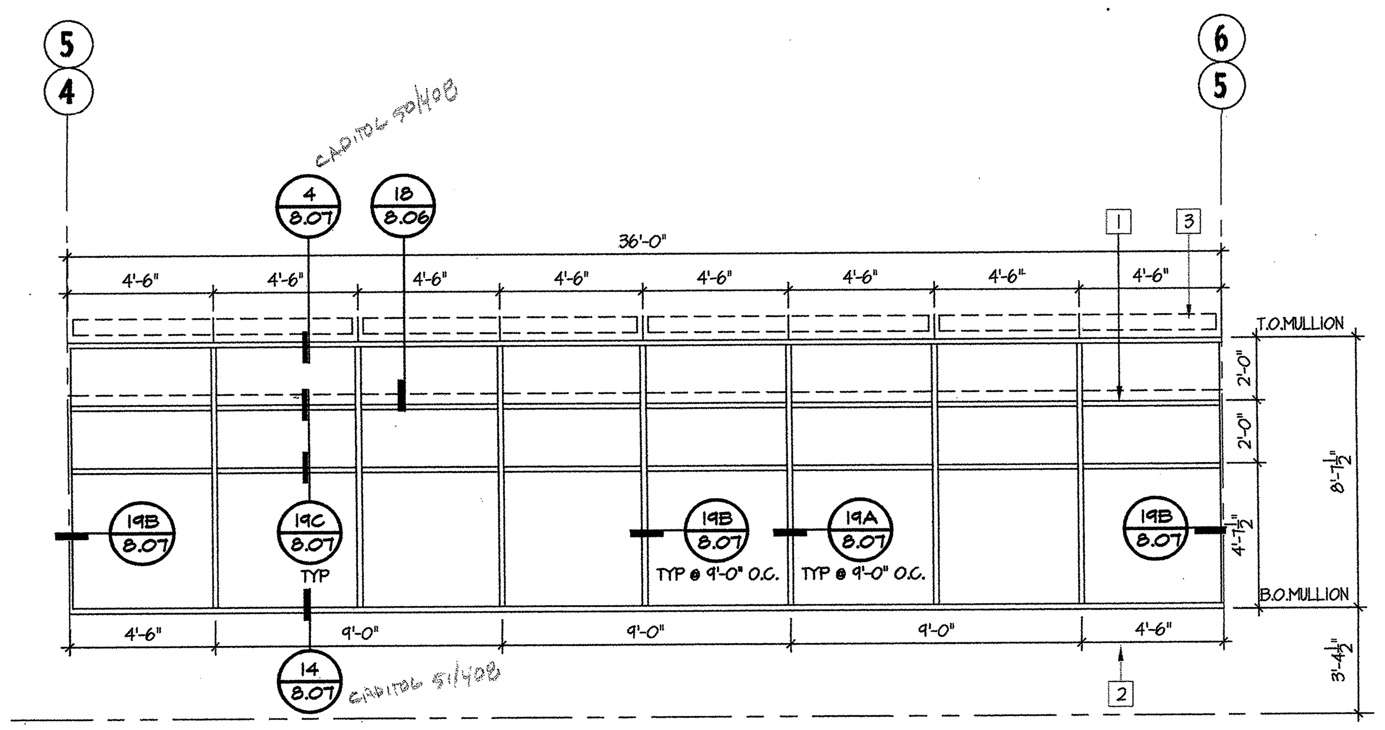
CW	WIN. SYSTEM	CURTAINWALL SYSTEM TYPE 'A'
EXTERIOR SOUTH ELEV.	GLAZING TYPE	IG-1

OK



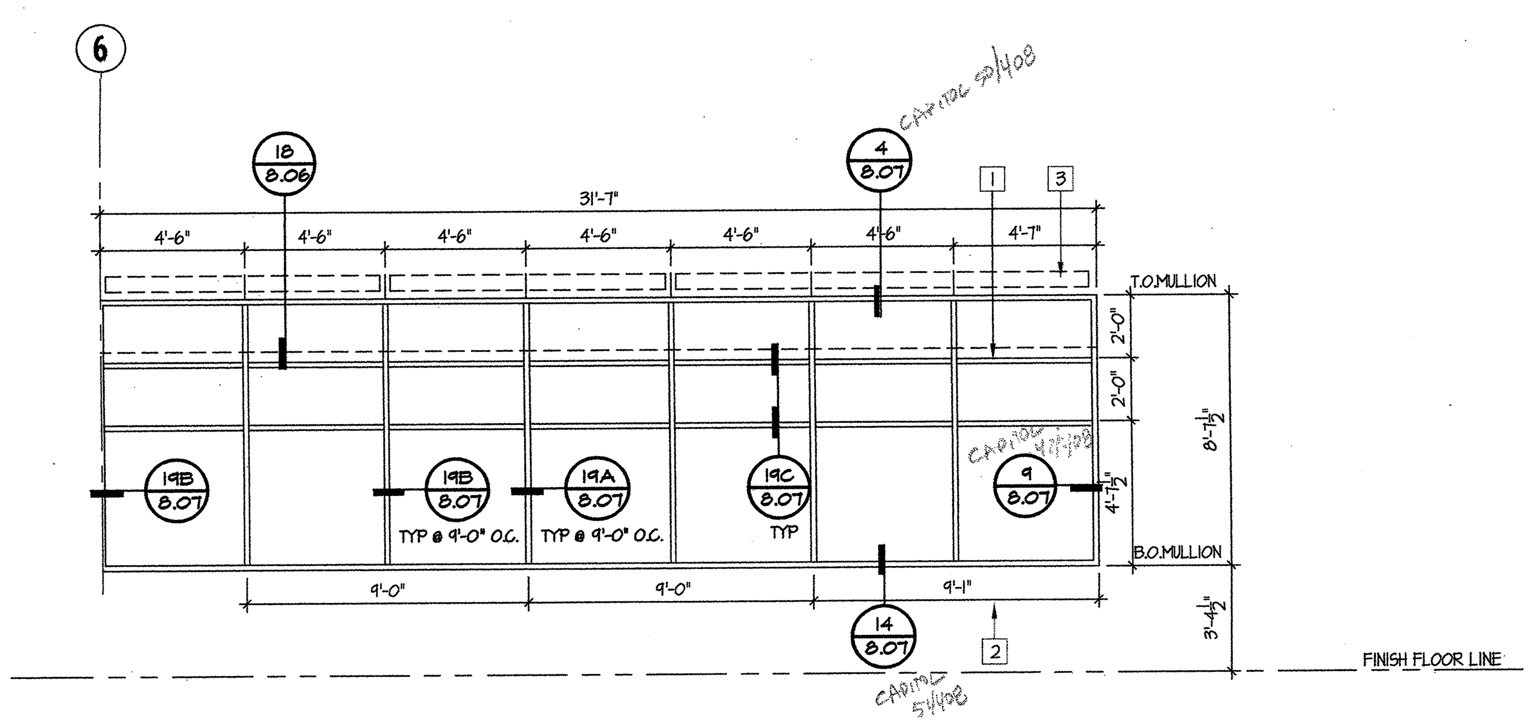
CW	WIN. SYSTEM	CURTAINWALL SYSTEM TYPE 'A'
EXTERIOR WEST ELEV 2ND FLR	GLAZING TYPE	IG-1

OK



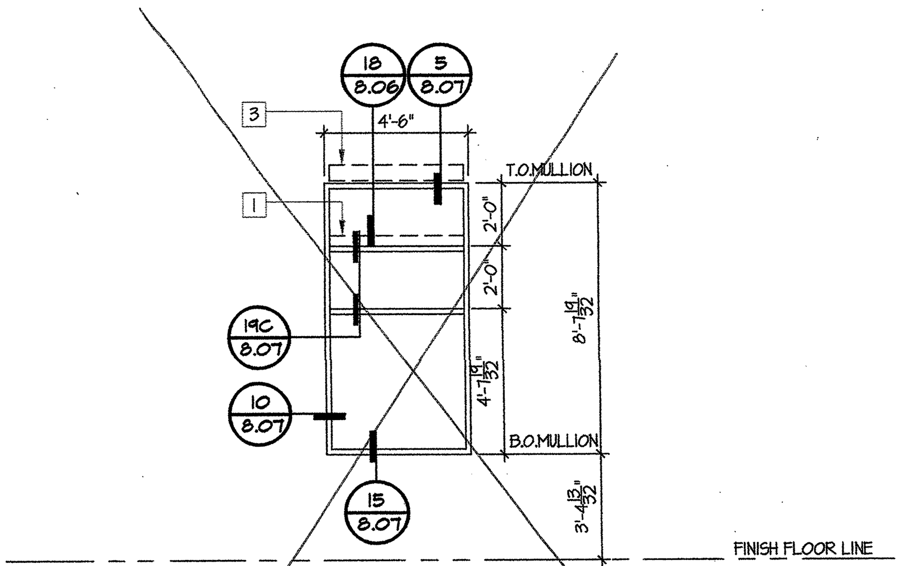
CW	WIN. SYSTEM	CURTAINWALL SYSTEM TYPE 'A'
EXTERIOR WEST ELV. 2ND FLR	GLAZING TYPE	IG-1

OK



CW	WIN. SYSTEM	CURTAINWALL SYSTEM TYPE 'A'
EXTERIOR WEST ELEV. 2ND FLR	GLAZING TYPE	IG-1

OK



CW	WIN. SYSTEM	CURTAINWALL SYSTEM TYPE 'A'
EXTERIOR SOUTH ELEV.	GLAZING TYPE	IG-1

NOT USED PER ADDENDUM No. 1

KEY NOTES

1. HORIZONTAL SUNSHADE PER DET. **18/8.06**
2. SPACING OF TS FRAME TO ALIGN WITH MULLIONS
3. MANUAL SHADE CONCEALED IN CEILING. COORDINATE WIDTH OF SHADE WITH INTERIOR PARTITION LOCATIONS PER PLANS
4. MOTORIZED SHADE

LEGEND :

GLASS TYPE IG-1 CLEAR INSULATED	ALUM. LOUVER
GLASS TYPE IG-2 INSULATED SPANDREL	OPERABLE UNIT
GLASS TYPE FG-1	TEMPERED GLASS
GLASS TYPE WG WIRE GLASS	

GENERAL NOTES

1. REFER TO SPECIFICATIONS FOR DESCRIPTION OF CURTAINWALL SYSTEMS, ALUMINUM WINDOWS AND GLASS TYPES.

2. ALL CURTAINWALLS SHOWN ON THIS SHEET ARE DEFERRED SUBMITTALS. COMPLETE ENGINEERING DESIGN SHALL BE SUBMITTED TO DSA BY THE SUCCESSFUL BIDDER.

3. DIMENSIONS SHOWN ARE APPROXIMATE, NOMINAL, UNIT DIMENSIONS. VERIFY ALL DIMENSIONS WITH DETAILS; SHIM SPACE, REVEAL ALIGNMENTS, FIELD CONDITIONS ETC. THAT MAY AFFECT FINAL DIMENSIONS.

4. REFER TO ELEVATIONS A4-1 AND A4-2 FOR LOCATION AND EXTENT OF SPANDREL UNITS, OPERABLE UNITS AND SUN CONTROL DEVICES.

5. T.O.MULLION TO ALIGN WITH T.O. JOINT TYP.

6. FRAME MATERIAL OF ALL CURTAINWALL AND EXTERIOR WINDOWS IS ALUMINUM. FINISH AND COLOR TO MATCH METAL PANEL.

7. ALL INTERIOR WINDOWS TO HAVE MANUAL OPERATED MINI BLINDS U.O.N. ALL INTERIOR WINDOWS ARE HOLLOW METAL.

8. ALL EXTERIOR WINDOWS TO HAVE MANUAL OPERATED SHADES, U.O.N.

9. ALL INTERIOR GLASS TO BE TEMPERED, TYP.

tBP
architecture planning interiors management

LICENSED ARCHITECT ☆ RICHARD MANGUM, A.I.A. NO. C-8685 REN. 12-31-05 ☆ STATE OF CALIFORNIA

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
AC FLS SS
DATE 1-12-05
FILE No. 7-C1

Division of the State Architect
Regional Office
1515 Clay St, Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING LOS MEDANOS COLLEGE

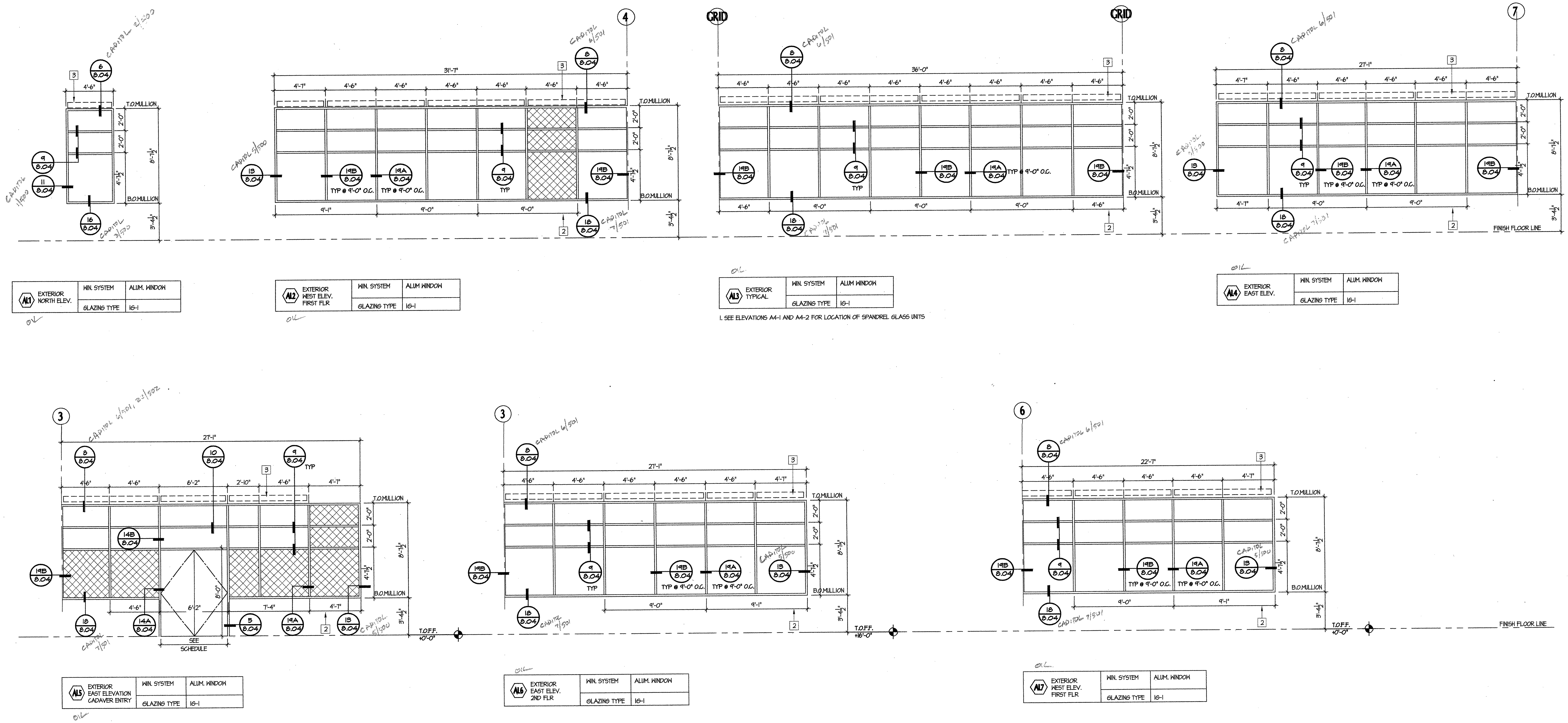
Contra Costa Community College District

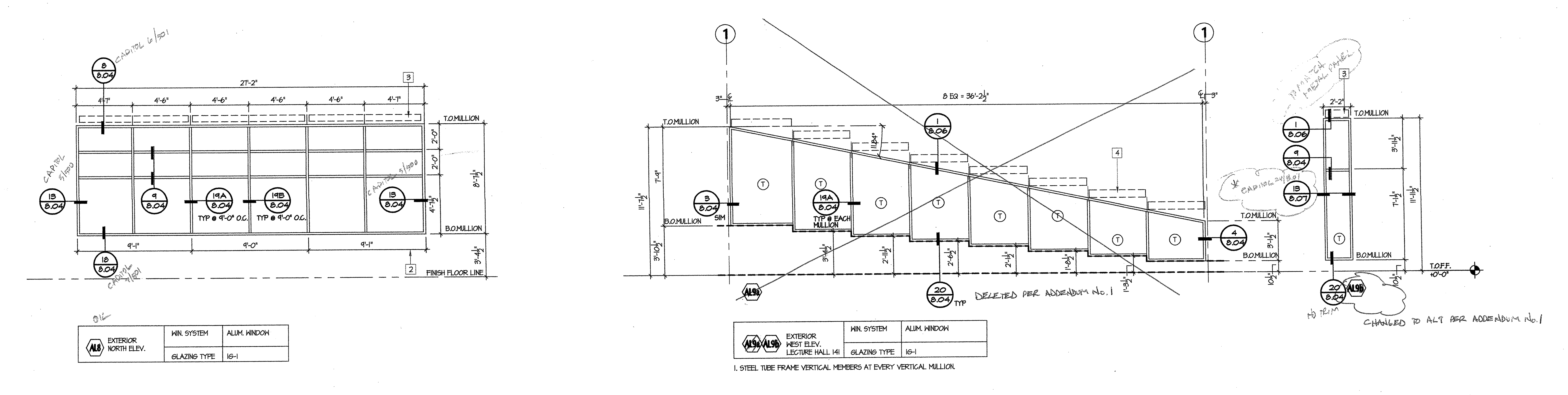
tBP project number : 20247.00
file name: DTL-0881.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004

Rev.	date	description

drawing title:
CURTAINWALL SCHEDULE

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
8.81





KEY NOTES

1. HORIZONTAL SUNSHADE PER DET. **18/8.06**
2. SPACING OF TS FRAME TO ALIGN WITH MULLIONS
3. MANUAL SHADE CONCEALED IN CEILING. COORDINATE WIDTH OF SHADE WITH INTERIOR PARTITION LOCATIONS PER PLANS
4. MOTORIZED SHADE

LEGEND :

- GLASS TYPE IG-1 CLEAR INSULATED
- GLASS TYPE IG-2 INSULATED SPANDREL
- GLASS TYPE FG-1
- GLASS TYPE WG WIRE GLASS
- ALUM. LOUVER
- OPERABLE UNIT
- TEMPERED GLASS

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9. ALL INTERIOR GLASS TO BE TEMPERED, TYP.

tBP architecture planning interiors management

LICENSED ARCHITECT · RICHARD L. MANGUM, A.I.A. · NO. C-8885 · REN. 12-31-05 · STATE OF CALIFORNIA

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OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
AC FLS SS
DATE 1-12-05
FILE No. 7C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

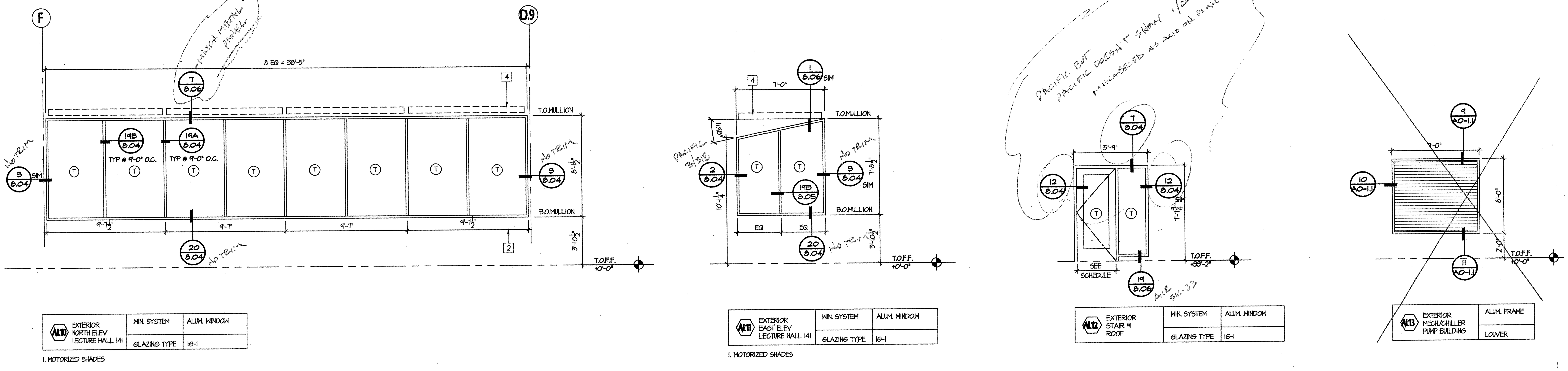
SCIENCE BUILDING LOS MEDANOS COLLEGE

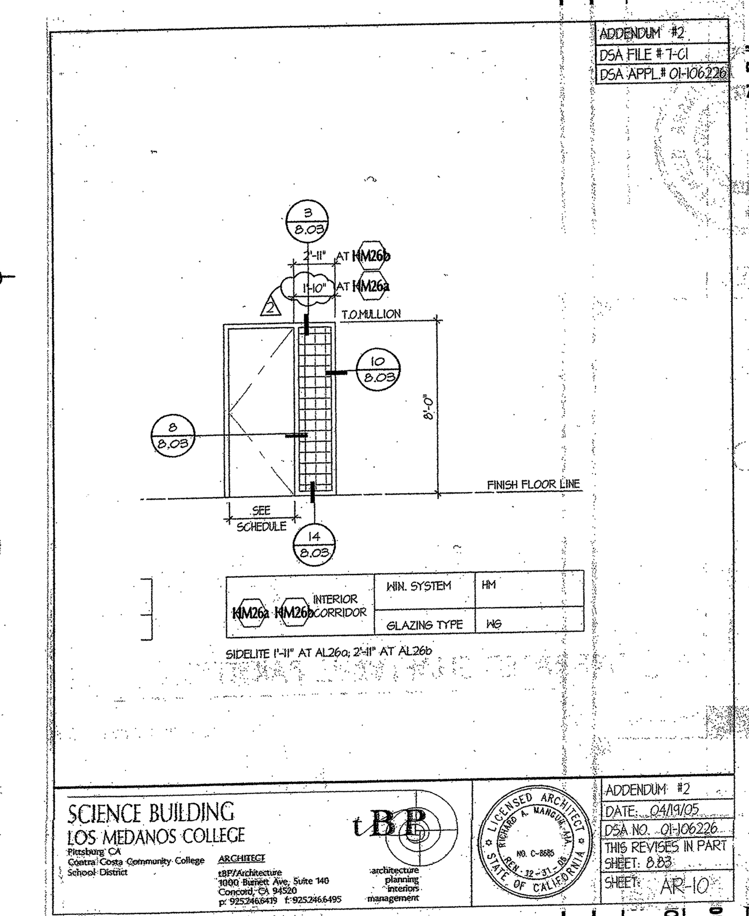
Contra Costa Community College District

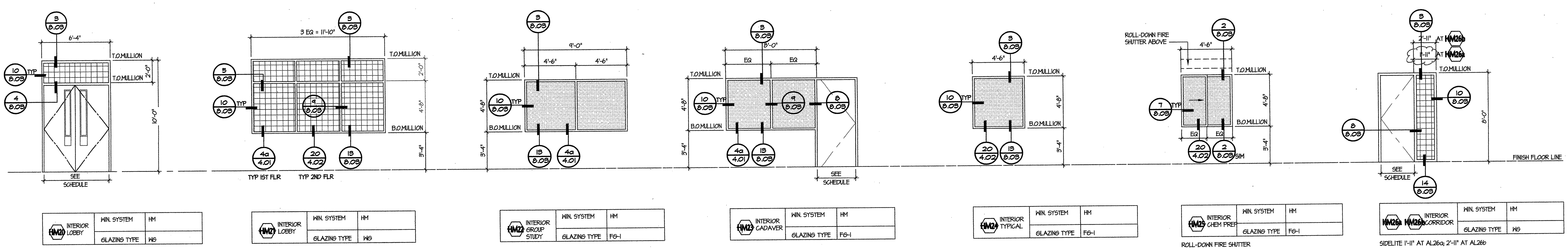
tBP project number :	20247.00
file name:	DTL-0882.DWG
drawn by:	checked by:
date:	NOVEMBER 15, 2004
Rev. date:	description:

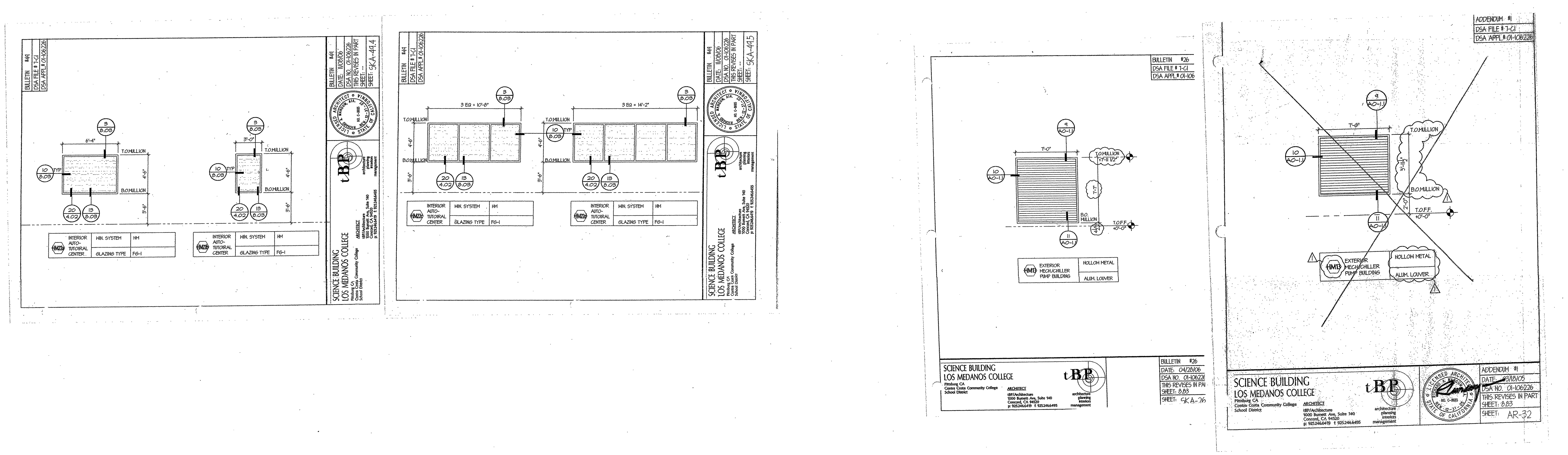
drawing title:
EXTERIOR WINDOW SCHEDULE

LMC SCIENCE 313-023-112.01-0-00.00
drawing no:
8.82









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1	HORIZONTAL SUNSHADE PER DET. **18/8.06**
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GLASS TYPE FG-1

GLASS TYPE WG WIRE GLASS

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OPERABLE UNIT

TEMPERED GLASS

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interiors
management

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1000 Burnett Avenue, Suite 140
Concord, CA 94520
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Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p. 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number : 20241.00

file name: DTL-0883.DWG

drawn by: checked by:

date: NOVEMBER 15, 2004

Rev.	date:	description:

drawing title:
EXTERIOR / INTERIOR WINDOW SCHEDULE

LMC SCIENCE 313-023-112.01-0-00.00

drawing no.:

8.83

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Wall finish in mechanical room 123.
RFI No: 312
Reference (dwg, spec.): 9.01
Subcontractor RFI:
Reply Requested By: 8/9/06

INFORMATION REQUESTED: Date: 8/2/06

The finish schedule on sheet 9.01 calls for the wall finish in the mechanical room 123 to be semi-gloss paint, which would require level four taping of the walls. This seems excessive for a mechanical room and creates sequencing difficulties with scheduling the various trades. Given that this is a non-public area, is fire-taping of these walls sufficient "finish." Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Bryan Newman

RESPONSE: DATE:

No exception taken to deleted the semi-gloss paint finish on walls in Mechanical Room #123, and all fire taping on walls to be remained. Provide credit to the deleted paint work.

[illegible]/tBP

8/10/06

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Wall finish in electrical rooms
RFI No: 429
Reference (dwg, spec.): 9.01
Subcontractor RFI:
Reply Requested By: 12/4/06

INFORMATION REQUESTED: Date: 11/27/06

In RFI 312, the wall finish in mechanical room 123 was changed from painted to fire taped. Is it possible to make the same change for the electrical rooms? Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:

No exception taken to revise the required finish at electrical rooms to fire taped from painted.

Please provide credit proposal relative to RFI's 312 and 429 for review / approval.

Jim Weaver
tBP Architecture

11/29/06

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Depressed slab at chemical storage room, room 138
RFI No: 503
Reference (dwg, spec.): C-1.19, A0-2, A0-8, A1-1, 9.01.
Subcontractor RFI:
Reply Requested By: 3/21/07

INFORMATION REQUESTED: Date: 3/14/07

Per sheets A0-2 and A0-8, the slab is depressed 4 ½" in the area of the chemical storage room, 138. Per sheet C1.19, finish floor elevation is 73.3. This combination of facts presents a couple of challenges. First, upon entering the room from the west entrance, a door from the exterior, one is presented with a 4 ½" drop in elevation which may pose ADA challenges as well as difficulty in moving materials in and out of the room. This door is not per the contract documents, so it is not an issue of incorrect curb height at this location. Second, the floor drain was set relative to finish floor elevation of 73.3 so that now the drain is higher than the floor. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

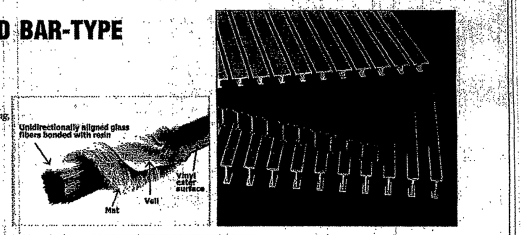
1. Provide 2 1/2" of level mortar grout.
2. Lower existing drain and cleanout to level of grout fill and cap in place with removeable metal cap.
3. Provide and install 2" corrosion resistant grate flooring system, DuraDek pultruded bar type grating or equal. Gray color. (See attached cut sheet).
4. Revise existing light switch, lighting fixture and power receptacle with explosionproof fixture/devices. (See attached cut sheets).

Jim Weaver / tBP Architecture
R. Cate / RFD
D. Weston / Ainsworth Associates
L. Lai / TWF

RFI # 000
Page 1

DURADEK®
HIGH STRENGTH FIBERGLASS GRATING

PULTRUDED BAR-TYPE GRATING



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- Corrosion Resistant
- Structurally Strong
- High Impact Strength
- Low Conductivity
- Anti-Skid
- Rigid
- Easy To Fabricate
- Low Maintenance
- Low Thermal Conductivity
- Non-Sparking
- Resistant to Chipping & Cracking
- Aesthetically Pleasing Appearance

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Fabricating with DURADEK®

Anti-Skid Surface

Accessories

Availability

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www.strongwell.com

Bulletin No.48

Date: October 16, 2006
To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

tBP Architecture Planning Interiors Management

Description: REFERENCE: Sheet 9.01 – Finish Schedule, Submittal #16.1

Flooring finish in Room #111 and #226 - Resources Rooms are revised to "RT – Rubber Tile". The revisions are also marked up in the returned Submittal 16.1.

Issued By: Architect
Requested By: Architect
Reason: Revise flooring finish in Room #111 and #226
Enclosures: none

Distribution:

Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCC District
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

Action:
☐ For Information/Clarification only
☒ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
☐ Requires DSA review and approval
☐ Proceed as authorized by District

tBP/Architecture. 1000 Burnett Ave. Suite 140. Concord, CA. 94520. ph: 925.246.6419. fax: 925.246.6495

Bulletin No.55

Date: 11/27/2006
To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

tBP Architecture Planning Interiors Management

Description: REFERENCE: Sheet A8-2, 3/10.01, 9.01, Specification Section 09682, Submittal #16 & 79.2

1. Terrazzo Flooring and Aluminum Stair nosings at Stair #1 are deleted, provide credit for the eliminated scope of work.
2. New flooring finish at Stair #1 is Carpet – Rolled Goods with rubber nosings.
   - Float out metal stair pan with Ardex or similar.
   - Carpet is not to be cove between the treads and risers.
   - Rolled Goods carpet is owner furnish and owner install. Carpet finish is to match CPT – Interface's 1672902500, Chenille Wrap 1750 "Repetitions", reference Specification Section 09682.
3. Provide Burke Mercer stair noising #660-Slate at all treads and #701 – Black at top and bottom of each run, reference Submittal #16. Contractor to coordinate with owner furnish and owner install carpet contractor prior to installation.

Issued By: Architect
Requested By: Architect
Reason: Revise flooring finish and stair nosing at Stair #1
Enclosures: none

Distribution:

Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCC District
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

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☐ Requires DSA review and approval
☐ Proceed as authorized by District

tBP/Architecture. 1000 Burnett Ave. Suite 140. Concord, CA. 94520. ph: 925.246.6419. fax: 925.246.6495

E-MAILED 11/29/06

Bulletin No.55 (Revised 11/29/06)

Date: 11/29/2006
To: S.J. Amoroso Construction
390 Bridge Parkway
Redwood shores CA 94065
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING
Contra Costa Community College District
DSA No. 01-106226; File # 7-C1
tBP P/N 20247.00

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3. **Provide Burke Mercer stair noising #701 – Black at all treads, reference Submittal #16.** Contractor to coordinate with owner furnish and owner install carpet contractor prior to installation.

Issued By: Architect
Requested By: Architect
Reason: Revise flooring finish and stair nosing at Stair #1
Enclosures: none

Distribution:

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S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520
Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District
Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495
tBP p/n: 20247.00
Subj.: Finish Specification for Gypsum Walls
RFI No: 473
Reference (dwg, spec.):
Subcontractor RFI: Concord
Reply Requested By: 1/31/07

INFORMATION REQUESTED: Date: 1/26/07
HOT HOT HOT

Please note the attached Concord Drywall RFI regarding the various finish specifications for the walls throughout the project. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Justin Warren

RESPONSE: DATE:

Please see the following comments:

1. Lobby 101, 201, 140 walls - Level 5 smooth finish.
2. All gyp board ceilings - Level 5 smooth finish. To include ceilings at lobby 101, restrooms, alcoves, stairs, classroom 141, etc. This would not include ceilings per item 4 below.
3. All remaining walls - Level 4 with light orange peel texture. Where critical lighting occurs, prime walls prior to orange peel texture to avoid flashing
4. Areas not accessible to public eye to be fire taped. This would not include storage areas.

These may be the same understanding as Concord's but elaborated. Let me know if any question.

Jim Weaver / tBP Architecture

1/25/07

RFI # 000
Page 1

Concord Drywall, Inc.
1717 Solano Way, #28
Concord, Ca. 94520
Office 925-676-9255 fax 925-825-9583

RFI

1/25/2007

Job: Los Medanos College Science Building

Contractor: S.J. Amoroso
Attention: Mark Delgado
Fax# 427-7570

Subject: Drywall Finishes

After reviewing the finish Specifications and the various conditions outlined in them, Concord Drywall has assumed the following to be your intent;
- All walls, with the exception of the Lobby and Restroom ceilings, will receive a light Orange Peel texture. Where critical lighting occurs we will provide a level 4 finish and prime walls before Orange Peel texture to avoid "flashing".
- Lobbies and Restroom ceilings will receive a level 5 finish only.
- Areas not accessible to the public eye will be fire taped only.

Please confirm.

Thank You
Tim Titsworth
CEO

Los Medanos College
4CD Proj. #: L-565-B-23-SC
Science Building

FINISH SHEDULE

SPACE NO.	SPACE NAME	FLOOR MATERIAL		FLOOR FINISH	FLOOR COLOR	BASE MATERIAL	BASE TYPE	BASE FINISH	BASE COLOR	WALLS MATERIAL		WALLS FINISH	WALLS COLOR	CEILING MATERIAL	CEILING TYPE	CEILING FINISH	CEILING COLOR	REMARKS
	FIRST FLOOR																	
101	LOBBY	TT		F	1,2	TT	4"	F	1	GYP BD / PL		PE / F	1 / 2	GYP BD	4	PE	3	SEE 2/A8-5 FOR FLR PATTERN
102	AUTO-TUTORIAL CENTER	CPT		F	1	RB	4"	F	1	GYP BD		PE	1,2	AC	1,2	F	F	DEMOUNTABLE WALLS
103	STUDY	CPT		F	1	RB	4"	F	1	GYP BD		PE	1,2	AC	1	F	F	EAST WALL PE-2
104	STUDY	CPT		F	1	RB	4"	F	1	GYP BD		PE	1,2	AC	1	F	F	WEST WALL PE-2
105	STAIR #1 CARPET PER BULLETINS 55/55R	~~TT-3~~ RFI 258		F	1	TT	4"	F	1	GYP BD		PE	1	GYP BD	4	PE	3	
106	CORRIDOR	RT		F	1	RB	4"	F	1	GYP BD		PE	1,2	AC	1	F	F	SEE NOTE 2
107	HALLWAY	CPT		F	1	RB	4"	F	1	GYP BD		PE	1,2	AC	1	F	F	NORTH WALL AND ADJ. WALLS PE-2
108	JAN.	CONC. EXPSD		SLR	-	RB	4"	F	1	GYP BD		PSG	1	GYP BD.	4	PE	3	FRP AT SINK
109	MEN	CT BULLETIN 48		F	1	CT	4"	F	2	GT / CT		F / F	1 / 3	GYP BD	4	PSG	1	SEE ELEVATIONS A8-1
110	WOMEN	CT		F	1	CT	4"	F	2	GT / CT		F / F	1 / 3	GYP BD	4	PSG	1	SEE ELEVATIONS A8-1
111	RESOURCE ROOM	~~CPT~~ RT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
112	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
113	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
114	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
115	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
116	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
117	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
118	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
119	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
120	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
121	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
122	PT. FACULTY OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
123	MECHANICAL ROOM	CONC. EXPSD		SLR	-	RB	4"	F	1	GYP BD		~~PSG~~	1	EXPSD. STRUCT.	-	-	-	
124	CORRIDOR	RT		F	1	RB	4"	F	1	GYP BD		PE	1,2	AC	1	F	F	SEE NOTE 2
125	PREP/STOCK ROOM	SV		F	1	RB	4"	F	1	GYP BD		PSG	1	AC	3	F	F	
126	STORAGE	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
127	PREP/STOR	SV		F	1	RB	4"	F	1	GYP BD		PSG	1	AC	1	F	F	
128	AUTOCLAVE ROOM	SV		F	1	RB	4"	F	1	GYP BD		PSG	1	AC	3	F	F	
129	MICROPHYSIOLOGY LAB	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	3	F	F	
130	BIOLOGY CLASSROOM	RT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
131	BIOLOGY CLASSROOM	RT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
132	ANATOMY LAB	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	3	F	F	
133	CADAVER	CONC. EXPSD		EXPY	-	CONC. EXPSD	4"	EXPY	-	GYP BD		PSG	1	AC	3	F	F	
134	COLD ROOM	CONC. EXPSD		SLR	-	-	-	-	-	GYP BD		PSG	1	EXPSD. STRUCT.	-	-	-	PRE-FAB METAL PANEL SYSTEM BY OTHERS
135	WOMEN	CT		F	1	CT	4"	F	2	CT		F	3	GYP BD	4	PSG	1	
136	MEN	CT		F	1	CT	4"	F	2	CT		F	3	GYP BD	4	PSG	1	
137	ELECTRICAL ROOM	CONC. EXPSD		SLR	-	RB	4"	F	1	GYP BD		~~PSG~~ 2	1	EXPSD. STRUCT.	-	-	-	
138	CHEM. WASTE STORAGE	CONC. EXPSD		SLR	-	~~RB~~ GRATING PER RFI 503	4"	F	1	GYP BD		PSG	1	EXPSD. STRUCT.	-	-	-	
139	STAIR #2	RT		F	1	RB	4"	F	1	GYP BD		PE	1	GYP BD	4	PE	3	
140	LOBBY	TT		F	1,2	TT	4"	F	1	GYP BD / PL		PE / F	1 / 2	AC	2	F	F	SEE 6/A8-5 FOR FLR PATTERN
141	LECTURE HALL	CPT / RT		F / F	1 / 1	RB	4"	F	1	GYP BD / AP		PE / F	1 / 1	GYP. BD	4	PE	3	
141A	STORAGE	RT		F	1	RB	4"	F	1	GYP BD		PE	1	GYP BD.	4	PE	3	
141B	AV STORAGE	RT		F	1	RB	4"	F	1	GYP BD		PE	1	GYP. BD.	4	PE	3	
142	BIOLOGY CLASSROOM	RT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
143	MAJORS BIOLOGY LAB	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	3	F	F	
144	PLANT STUDY	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	3	F	F	
145	PREP/STOCK ROOM	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	3	F	F	
146	OFFICE	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
147	STUDY	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
148	GENERAL BIOLOGY LAB	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	3	F	F	
149	STORAGE	SV		F	1	RB	4"	F	1	GYP BD		PE	1	GYP BD	4	PE	3	
150	ELEVATOR EQUIP.	CONC EXPSD		SLR	-	RB	4"	F	1	GYP BD		PSG	1	GYP. BD.	5	PE	3	
151	DATA	SV		F	1	RB	4"	F	1	GYP BD		PSG	1	EXPSD. STRUCT.	-	-	-	
152	BIOLOGY CLASSROOM	RT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	

Bulletin No.20

tBP Architecture Planning Interiors Management

Date: March 27, 2006

To: S.J. Amoroso Construction, 390 Bridge Parkway, Redwood shores CA 94065

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District, DSA No. 01-106226; File # 7-C1, tBP P/N 20247.00

SEE RFI-204 FOR WATERPROOFING

Description: REFERENCE: Submittal #63, Submittal #22.1:

In order to maintain min. 3 ¼" concrete fill coverage at roof deck, and due to top of steel elevation noted in Submittal #22.1 structural steel shop drawings, terrazzo tile installation at roof landing of Stair #1 shall be thin-set per TCA #F122-05 (attached).

Refer to attached sketch SSK-20.1 for support at depressed slab.

Issued By: Architect

Requested By: Architect

Reason: Coordination of structural steel and deck at roof landing at Stair #1

Enclosures: SSK-20.1, TCA#F122-05

Distribution: Copies:	Name:	Organization:
1 copy	Mark Delgado	S. J. Amoroso
1 copy	Cam Perrotta	CCCCDistrict
1 copy	Bob Harke	Inspector of Record
1 copy	Tom Beckett	tBP/Architecture
1 copy	File 20247.00/7.4	tBP/Architecture

Action:
- ☒ For Information/Clarification only
- ☐ Provide Price/Credit Proposal. (Refer to this Bulletin No. when responding)
- ☐ Requires DSA review and approval
- ☐ Proceed as authorized by District

Continued from previous page.

Materials:
- self leveling underlayment—exceeding performance requirements of ASTM C627 for the anticipated service level designated by the specifier or intended use.
- mortar—ANSI A118.4 for slab-on-grade installations; use only a manufacturer's designated mortar for above-grade structural slabs.
- grout—ANSI A118.3, A118.6, A118.7, or A118.8 for slab-on-grade installations; use only a manufacturer's designated grout for above-grade structural slabs.
- crack isolation membrane—ANSI A118.12 as recommended by setting material manufacturer for intended use or application.

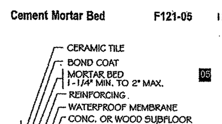
Note: Some manufacturers require special primers prior to the application of setting materials or crack isolation membranes. Follow manufacturer's directions.

Preparation by Other Trades:
- slab to have a fine broom finish with no curing compounds used. (When used, mechanical scarifying is necessary.)
- maximum variation in the slab shall not exceed 1/4" in 10'-0" from the required plane.

Movement Joint (architect must specify type of joint and show location and details on drawings):
- movement joints—mandatory according to Method EJ171, page 68.

Installation Specifications:
- tile—ANSI A108.5.
- grout—ANSI A108.6 or A108.10.
- self leveling underlayment—follow manufacturer's directions.
- crack isolation membrane—ANSI A108.17 or follow manufacturer's recommendations.

Cement Mortar Bed F121-05



Recommended Uses:
- wherever a waterproof interior floor is required in conjunction with ceramic tile installed on a portland cement mortar bed.
- see page 17 NOTE for exterior uses.

Limitations:
- deflection not to exceed 1/360 of span.
- not recommended for severe chemical exposure.

Requirements:
- design floor areas over which tile is to be applied to have deflection not greater than 1/360 of the span. Make allowance for live load and impact as well as all dead load, including weight of the tile and setting bed.
- mortar bed thickness—1-1/4" min. to 2" max.
- mortar beds in excess of 2"-thick shall be detailed by the architect.

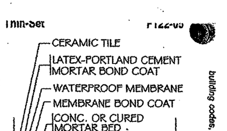
Materials:
- waterproof membrane—ANSI A118.10.
- mortar—ANSI A108.1A.

Preparation by Other Trades:
- maximum variation in subfloor shall not exceed 1/4" in 10'-0" from the required plane.
- slope subfloor 1/4" per foot to drain.

Preparation by Tile Trade:
- waterproof membrane—install to comply with pertinent codes and manufacturer's directions.

Tile Installation and Movement Joints:
- follow Method F111 or F141.

Thin-Set F122-05



Recommended Uses:
- wherever a waterproof interior floor is required in conjunction with ceramic tile installed in a thin-set method.
- see page 17 NOTE for exterior uses.

Limitations:
- deflection not to exceed 1/360 of span.
- not recommended for severe chemical exposure.

Requirements:
- design floor areas over which tile is to be applied to have deflection not greater than 1/360 of the span. Make allowance for live load and impact as well as all dead load, including weight of the tile and setting bed.

Materials:
- waterproof membrane—ANSI A118.10.
- latex-portland cement mortar—ANSI A118.4.
- polymer modified tile grout—ANSI A118.7.

Preparation by Other Trades:
- maximum variation in subfloor—1/4" in 10'-0" from the required plane.
- slope subfloor 1/4" per foot to drain.

Preparation by Tile Trade:
- waterproof membrane—install to comply with pertinent codes and manufacturer's directions.

Membrane Installation:
- membrane manufacturer's directions.
- membrane—ANSI A108.13.

Installation Specifications:
- tile—ANSI A108.5.

Movement Joint (architect must specify type of joint and show location and details on drawings):
- movement joints—mandatory according to Method EJ171, page 68.

building codes, ordinances, trade practices, and climatic conditions.

NOTE: There are membranes recommended by manufacturers for installation of ceramic and marble tile by a thin-set method over concrete which has cracked or will crack (ANSI A118.12). Follow manufacturer's written specifications and installation instructions precisely. Refer to Method F125 or F125A to incorporate membrane.

22

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture, 1000 Burnett Ave, Suite 140, Concord, CA 94520

Project: LOS MEDANOS COLLEGE SCIENCE BUILDING, Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett

Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Tile at Stair No. 1

RFI No: 258

Reference (dwg, spec.):

Subcontractor RFI: California Tile

Reply Requested By: 6/28/06

INFORMATION REQUESTED: Date: 6/21/06

California Tile Installers is questioning what type of tile is to be used at Stair No. 1. Also is there a detail used at Stair No. 1 for the tile installation. Please advise.

SUGGESTED SOLUTION:

Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

RESPONSE: DATE:

TT-3 is the tile on treads on stair #1. See detail 3/10.01 for "Step Detail at Stair #1" in Contract Document. See Specification Section 09400-2.01C for Precasr Terrazzo Treads product specifications. Vanessa Ling/tBP 6/21/06

Attachments:

By:

TRANSMITTAL RECORD:

FROM	TO	DATE
S.J. AMOROSO	tBP / ARCHITECTURE	6/21/06
tBP / ARCHITECTURE	ENGINEER/CONSULTANT	
ENGINEER/CONSULTANT	tBP / ARCHITECTURE	
tBP / ARCHITECTURE	S.J. AMOROSO	
S.J. AMOROSO	ORIGINATOR	

RFI # 000
Page 1

FINISH SHEDULE

SPACE NO.	SPACE NAME	FLOOR MATERIAL		FLOOR FINISH	FLOOR COLOR	BASE MATERIAL	BASE TYPE	BASE FINISH	BASE COLOR	WALLS MATERIAL		WALLS FINISH	WALLS COLOR	CEILING MATERIAL	CEILING TYPE	CEILING FINISH	CEILING COLOR	REMARKS
	SECOND FLOOR																	
201	LOBBY	RT		F	1	RB	4"	F	1	GYP BD / PL		PE / -	1 / 2	AC / GYP BD	2	F / PE	F / 3	
202	STAIR #1 CARPET PER BULLETINS 55/55R	~~TT/3~~ RFI 258		F	1	TT	4"	F	1	GYP BD		PE	1	GYP BD	4	PE	3	
203	TECH/MEDIA CENTER	CPT		F	1	RB	4"	F	1	GYP BD		PE	1,2	AC / GYP. BD.	1	F / PE	F / 3	DEMOUNTABLE WALLS
204	ASTRONOMY	CPT		F	1	RB	4"	F	1	-		-	-	AC	1	F	F	DEMOUNTABLE WALLS
205	SEMINAR ROOM	CPT		F	1	RB	4"	F	1	-		-	-	AC	1	F	F	DEMOUNTABLE WALLS
206	SEMINAR ROOM	CPT		F	1	RB	4"	F	1	-		-	-	AC	1	F	F	DEMOUNTABLE WALLS
207	CORRIDOR	RT		F	1	RB	4"	F	1	GYP BD		PE	1,2	AC	1	F	F	SEE NOTE 2
208	SEMINAR ROOM	CPT		F	1	RB	4"	F	1	GYP BD		PE	1,2	AC	1	F	F	EAST WALL PE-2
209	DATA	RT		F	1	RB	4"	F	1	GYP BD		PE	1	EXPSD. STRUCT.	-	-	-	
210	SEMINAR ROOM	CPT		F	1	RB	4"	F	1	GYP BD		PE	1,2	AC	1	F	F	WEST WALL PE-2
211	MEN	CT		F	1	CT	4"	F	2	CT / GT		F / F	3 / 1	GYP BD	4	PSG	1	SEE ELEVATIONS A8-1
212	WOMEN	CT		F	1	CT	4"	F	2	CT / GT		F / F	3 / 1	GYP BD	4	PSG	1	SEE ELEVATIONS A8-1
213	HALLWAY	CPT		F	1	RB	4"	F	1	GYP BD		PE	1,2	AC	1	F	F	NORTH WALL AND ADJ. WALLS PE-2
214	JAN	CONC. EXPSD		SLR	-	RB	4"	F	1	GYP BD / FRP		PSG / F	1 / -	EXPSD. STRUCT.	-	-	-	FRP AT SINK
215	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
216	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
217	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
218	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
219	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
220	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
221	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
222	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
223	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
224	P.T. OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
225	CONFERENCE ROOM	CPT BULLETIN 48		F	1	RB	4"	F	1	GYP BD		PE	1,2	AC	1	F	F	SOUTH WALL PE-2
226	RESOURCE ROOM	~~CPT~~ RT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
227	CORRIDOR	RT		F	1	RB	4"	F	1	GYP BD		PE	1,2	AC	1	F	F	SEE NOTE 2
228	STORAGE	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
229	LECTURE HALL	CPT / SV		F	1 / 1	RB	4"	F	1	GYP BD		PE	1	AC	3	F	F	
230	PHYSICAL SCIENCE CLASSROOM	RT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
231	PHYSICAL SCIENCE CLASSROOM	RT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F		
232	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
233	INSTRUMENT ROOM	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	3	F	F	
234	CORRIDOR	RT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
235	ORGANIC CHEM LAB	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	3	F	F	
236	PREP/STOCK ROOM	SV		F	1	RB	4"	F	1	GYP BD		PSG	1	AC	3	F	F	
237	OFFICE	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
238	ELEV. MACH. ROOM	CONC. EXPSD		SLR	-	RB	4"	F	1	GYP BD		PSG	1	GYP BD	5	PE	3	
239	ELECTRICAL ROOM	CONC. EXPSD		SLR	-	RB	4"	F	1	GYP BD		~~PSG~~ 2	1	EXPSD. STRUCT.	-	-	-	
240	STAIR #2	RT		F	1	RB	4"	F	1	GYP BD		PE	1	GYP BD	4	PE	3	
241	CORRIDOR	RT		F	1	RB	4"	F	1	GYP BD		PE	1,2	AC	1	F	F	SEE NOTE 2
242	GENERAL CHEMISTRY LAB	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	3	F	F	
243	INSTRUMENT ROOM	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	3	F	F	
244	OFFICE	CPT		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
245	ENGINEERING LAB	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	3	F	F	
246	PREP/STOCK ROOM	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	3	F	F	
247	OFFICE	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	F	
248	OPTICS	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	1	F	-	CLG TILES TO BE PTD. BLACK AFTER INSTALLATION
249	PHYSICS LAB	SV		F	1	RB	4"	F	1	GYP BD		PE	1	AC	3	F	F	
	CARPET PER BULLETINS 55/55R	RFI 258 / BULLETIN 20																
	ROOF																	
301	STAIR #1	~~TT-3~~		F	1	TT	4"	F	1	GYP BD		PE	1	GYP BD	4	PE	3	
302	OBSERVATION LOBBY	CONC. EXPSD.		SLR	-	RB	4"	F	1	GYP BD		PE	1	GYP BD	4	PE	3	
303	TELESCOPE STORAGE	CONC. EXPSD.	-	SLR	-	RB	4"	F	1	GYP BD		PE	1	GYP BD	4	PE	3	

ABBREVIATIONS

THE FLOLLOWING ABBREVIATIONS APPLY TO THE FINISH SCHEDULE

AC	ACOUSTICAL CEILING
AP	ACOUSTICAL PANEL
BD	BOARD
CONC	CONCRETE
CPT	CARPET TILE
CT	CERAMIC TILE
EPXY	EPOXY
EXPSD	EXPOSED
EP	EPOXY PAINT
F	FACTORY FINISH
FRP	FIBER REINFORCED PLASTIC PANEL
GL	GLASS
GT	GLASS TILE
GYP	GYPSUM
MTL	METAL
PE	PAINT EGGSHELL, SEE RFI 473
PF	PAINT FLAT
PG	PAINT GLOSS
PL	P. LAM
PNL	PANEL
PSG	PANIT SEMI GLOSS
RB	RUBBER BASE
RT	RUBBER TILE
SLR	SEALER
TT	TERAZZO TILE

CEILING TYPE LEGEND

AC.T 1	ACOUSTIC TILE 24" X 48" SUSPENDED STEEL GRID	1 / 5.01
AC.T 2	ACOUSTIC TILE 24" X 96" SUSPENDED STEEL GRID	1 / 5.01
AC.T 3	ACOUSTIC TILE 24" X 48" SUSPENDED STEEL GRID	1 / 5.01
GB. 4	SUSPENDED GYPSUM BOARD CEILING	9 / 5.01
GB. 5	SUSPENDED GYPSUM BOARD CEILING	6 / 5.02

MECHANICAL GRILLES, REGISTERS, EXTERIOR LOUVERS AND ELECTRICAL FIXTURES ARE SHOWN FOR LOCATION PURPOSES ONLY. VERIFY QUANTITY AND SIZES WITH MECHANICAL OR ELECTRICAL DRAWINGS.

SEE DETAIL SHEET 5.01 & 5.02 FOR DETAILS OF ACOUSTIC TILE CEILING SYSTEMS, CEILING NOTES AND SUSPENDED GYPSUM BOARD.

NOTES

1. ALL SURFACES OF GYP. BD. SOFFITS AT PERIMETER WINDOW WALL ARE TO BE PAINTED PE-3 U.O.N.
2. FIN WALLS AT ENTRANCES TO LABS, CLASSROOMS AND RESTOOMS ARE TO BE PAINTED PE-2 PER 1/AT-1.
3. FLAME SPREAD SHALL BE CLASS 1 WITH AN INDEX OF 0-25 WITH SMOKE DENSITY NO GREATER THAN 450 WHEN TESTED IN ACCORDANCE WITH UBC STANDARD 8-1 IN THE WAY INTENDED FOR USE.

1. FIRE TAPE PER RFI 312
2. FIRE TAPE PER RFI 429

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tBP architecture planning interiors management

LICENSED ARCHITECT — NO. C-8885 — REN. 12-31-05 — STATE OF CALIFORNIA

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
AC FLS SS
DATE 1-12-05
FILE No. 7-C1

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number : 20247.00

file name: DTL-0901.DWG

drawn by: checked by:

date: NOVEMBER 15, 2004

Rev. date description

drawing title:

FINISH SCHEDULE

LMC SCIENCE 313-023-112.01-0-00.00

drawing no.: 9.01

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Handrail height in the stairwells

RFI No: **267**
Subcontractor RFI:

Reference (dwg, spec.) : 5/10.01

Reply Requested By: 7/5/06

INFORMATION REQUESTED: Date: 6/28/06

Per detail 5/10.01, the height to top of handrail is shown as 2'-10" above stair. We understand this to be the Minimum code requirement for the height of the rail, so that any slight imperfection in construction could easily result in the installation being our of tolerance. Therefore, we propose that the 2'-10" dimension be to center of rail in lieu of top of rail. Do you concur?

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days By: Justin Warren

RESPONSE: **DATE:**

"NO EXCEPTION TAKEN" to the above proposed 2'-10" dimension to center of handrail. The new top of handrail at 2'-10 3/4" above landings and the nosing of treads is comply with CBC requirements. See attached section "1003.3.3.6 Handrails" of CBC for reference.

Vanessa Ling/tBP
6/29/06

CC: ADAMANT

RFI # 000
Page 1

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

tBP p/n: 20247.00

Subj.: Guardrail/handrail attachment to deck

RFI No: **511**
Subcontractor RFI:

Reference (dwg, spec.): 6C/10.01

Reply Requested By: 4/12/07

INFORMATION REQUESTED: Date: 4/5/07

Per detail 6C/10.01, the guardrail/handrail attachment to deck is made utilizing an embed angle with 2 nelson studs at each post. This angle was to have been cast with the deck concrete placement but was not. To solve this problem, we propose the detail on the attached sketch. Note that gyp bd. has been held down to bottom of deck elevation to alleviate any concerns with welding/heat near gyp bd.
If approved, the attached detail would be used in lieu of detail 6C/10.01.

Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ **Schedule Impact:** ☐ days By: Justin Warren

RESPONSE: **DATE:**

DASSE
Please note 1/4" plate is 80% stronger than 3/16" plate. Therefore proposed rail attachment is only acceptable where edge closure plate is 1/4" or thicker. The 5/8"φ plug welds are sufficient. Space rows at 1 1/2". For thinner edge plate, provide attachment per SSK-1 attached. 4-10-07

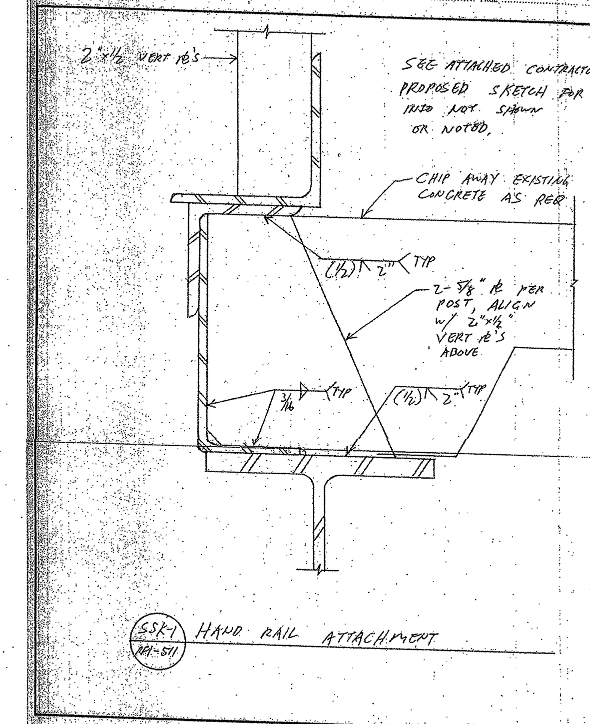
See attached markup at RFI sketch and sketch SSK-1 (RFI 511) as noted above. 1

Jim Weaver / tBP Architecture 2
Chiang Ng / Dasse
4/11/07

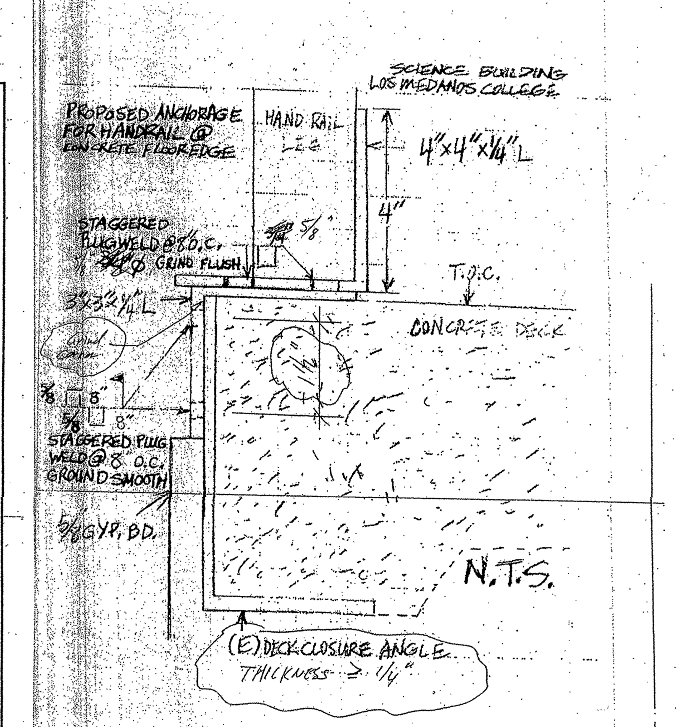
RFI # 000
Page 1

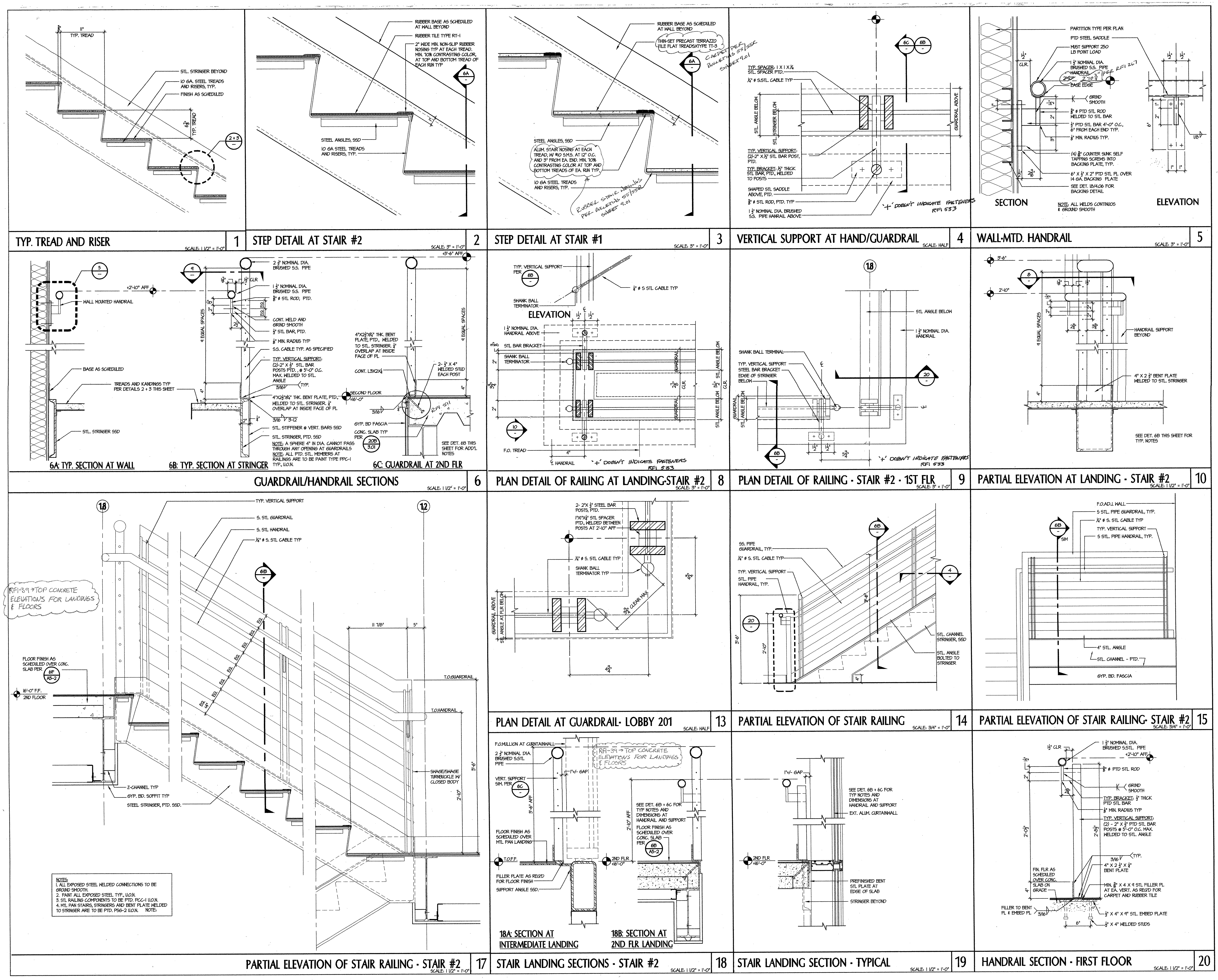
DASSE
San Francisco
Oakland
San Diego
Orange County
DASSE DESIGN INC.
STRUCTURAL ENGINEERS

PROJECT ....
JOB NO. .... BY ....
DATE .... PAGE ....



Apr 05 07 10:59a p.2





tBP
architecture planning interiors management

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1515 Clay St., Suite 1201
Oakland, CA 94612
p. 415-396-9500 f.

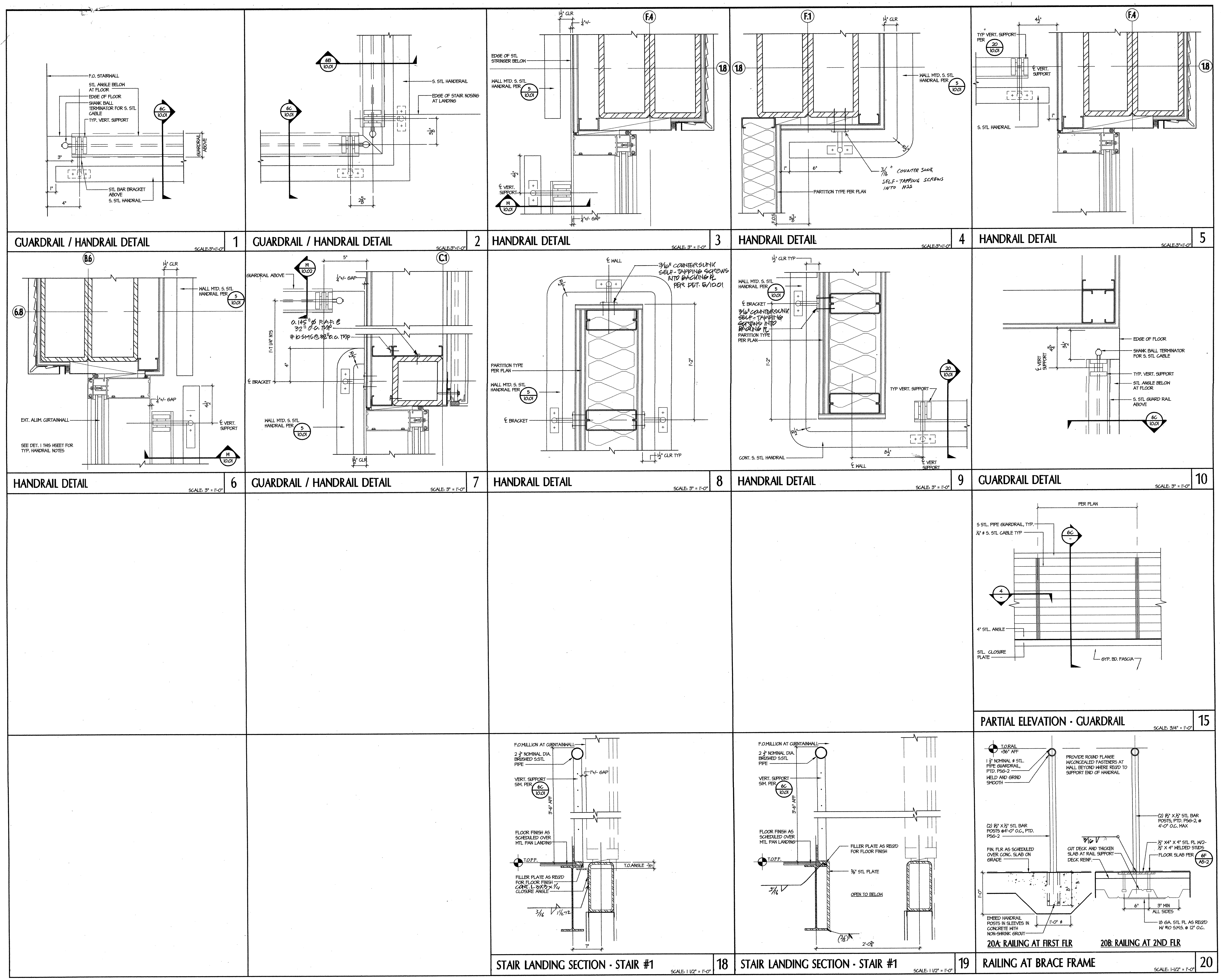
SCIENCE BUILDING LOS MEDANOS COLLEGE

Contra Costa Community College District

tBP project number: 20247.00
file name: Dtl-1001.dwg
drawn by: checked by:
date: NOVEMBER 15, 2004
Rev. date: description:

drawing title:
STAIR DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no.: 10.01



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Oakland, CA 94612
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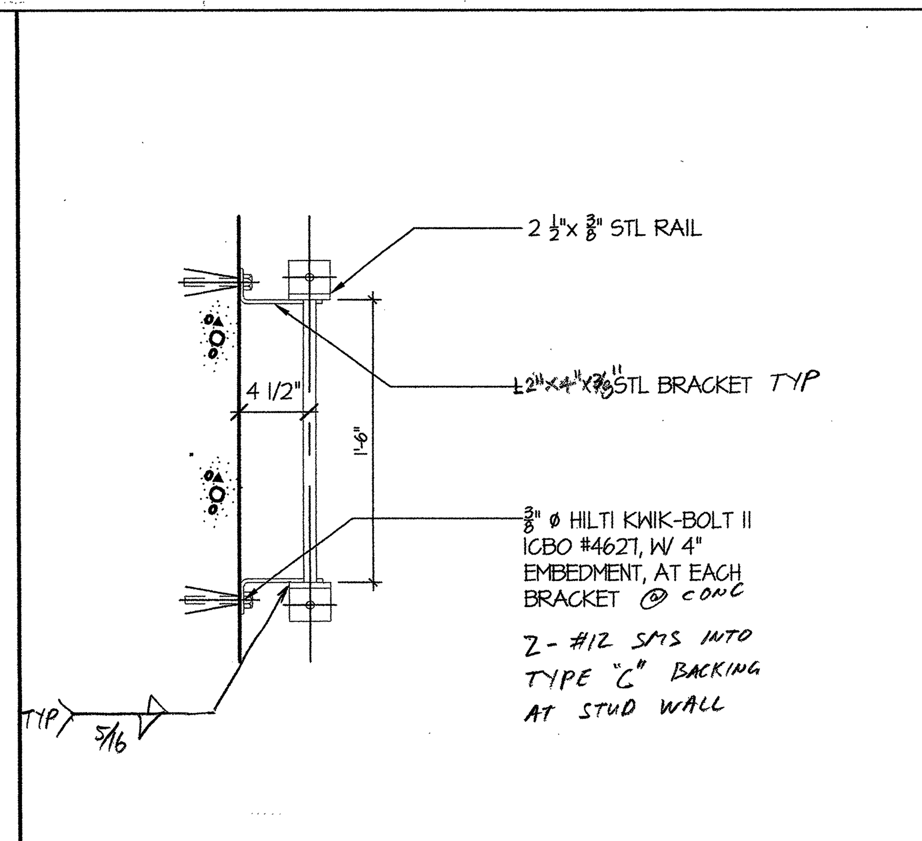
SCIENCE BUILDING
LOS MEDANOS COLLEGE

Contra Costa Community College District

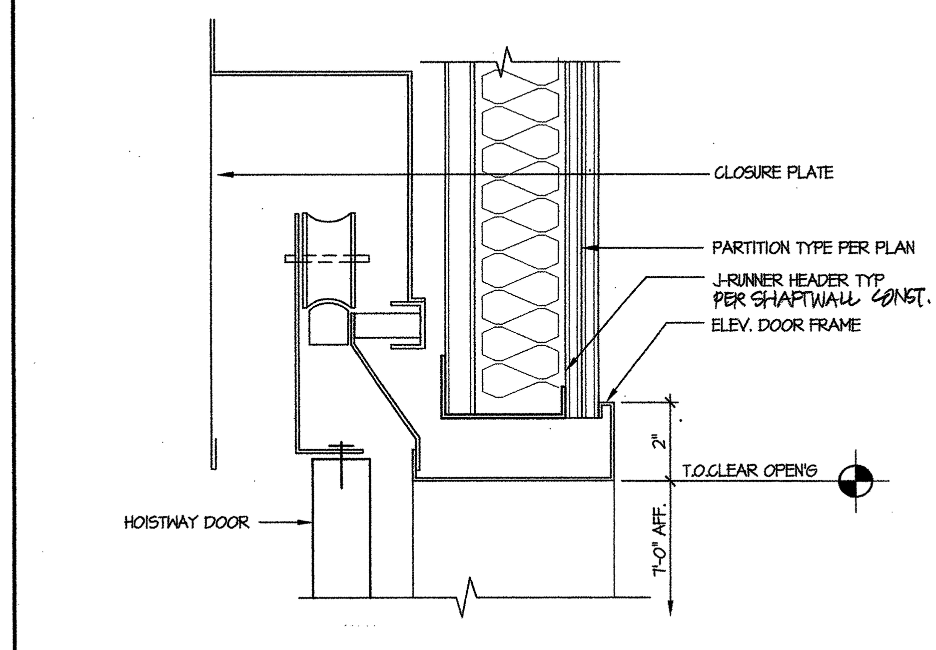
tBP project number: 20247.00
file name: DTL-1002.DWG
drawn by: checked by:
date: NOVEMBER 15, 2004
Rev. date description

drawing title:
STAIR DETAILS

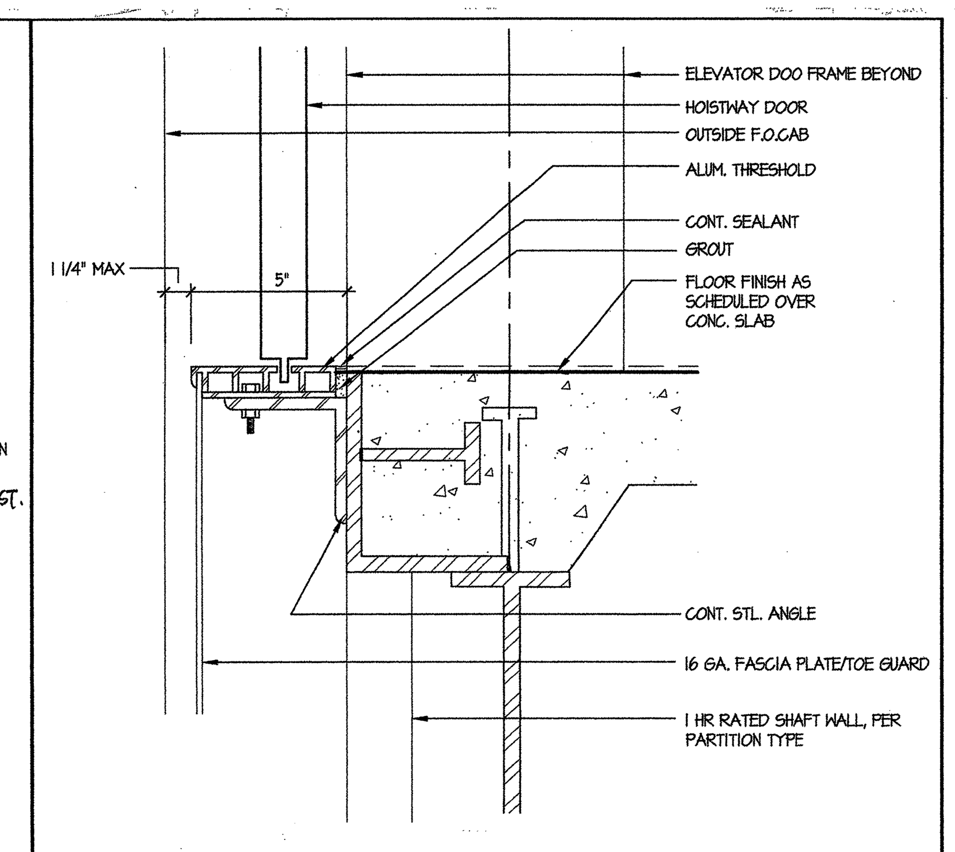
LMC SCIENCE 313-023-112.01-0-00.00
drawing no: 10.02



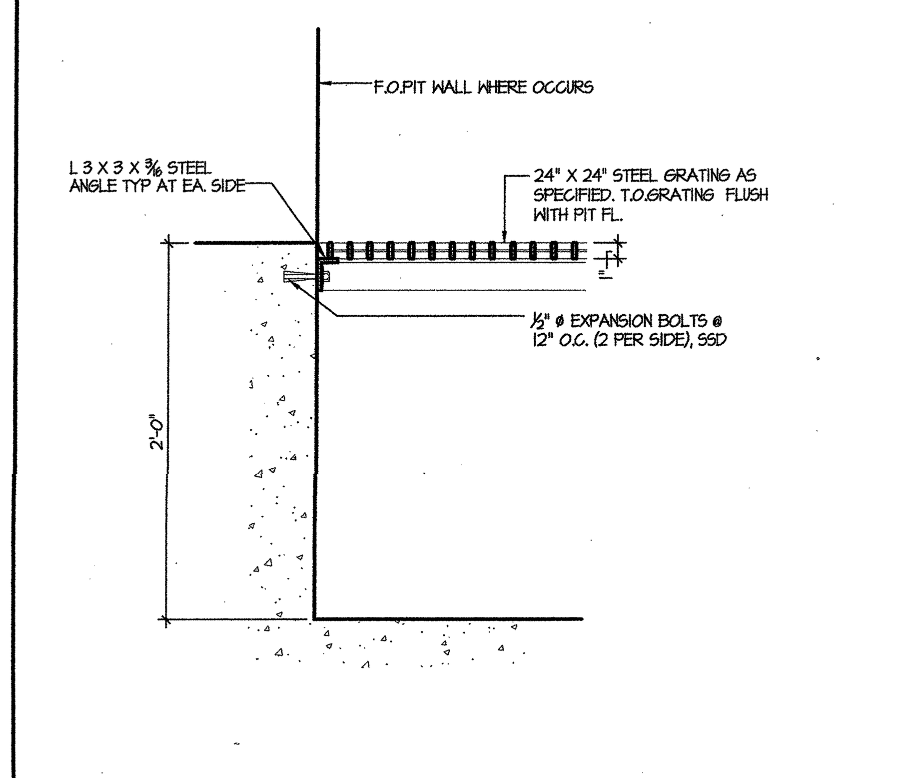
PLAN - ELEVATOR PIT LADDER — SCALE: 1 1/2"=1'-0" — 3



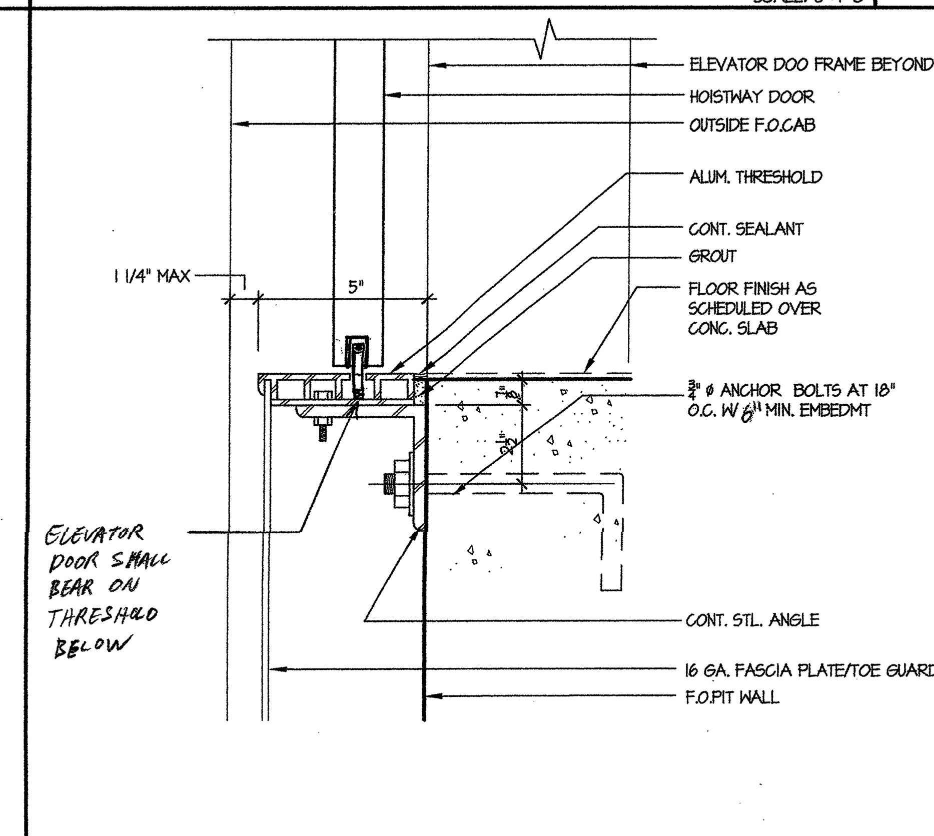
ELEVATOR DOOR HEAD- TYPICAL — SCALE: 3"=1'-0" — 4



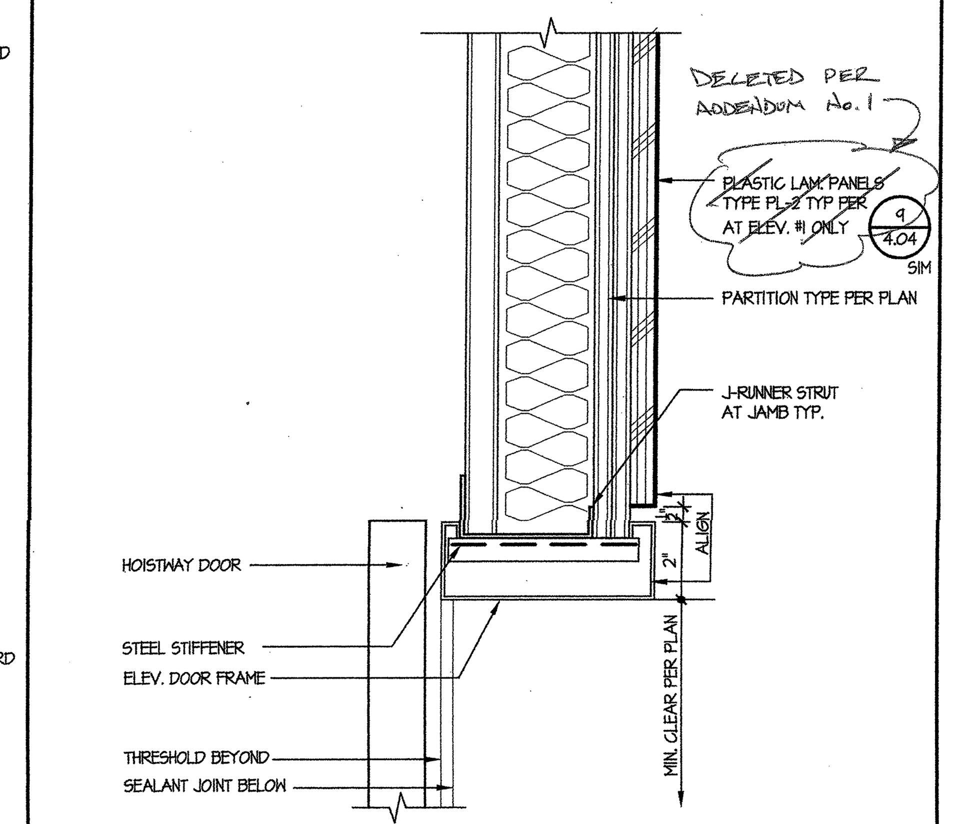
ELEVATOR THRESHOLD - 2ND FLOOR — SCALE: 3"=1'-0" — 5



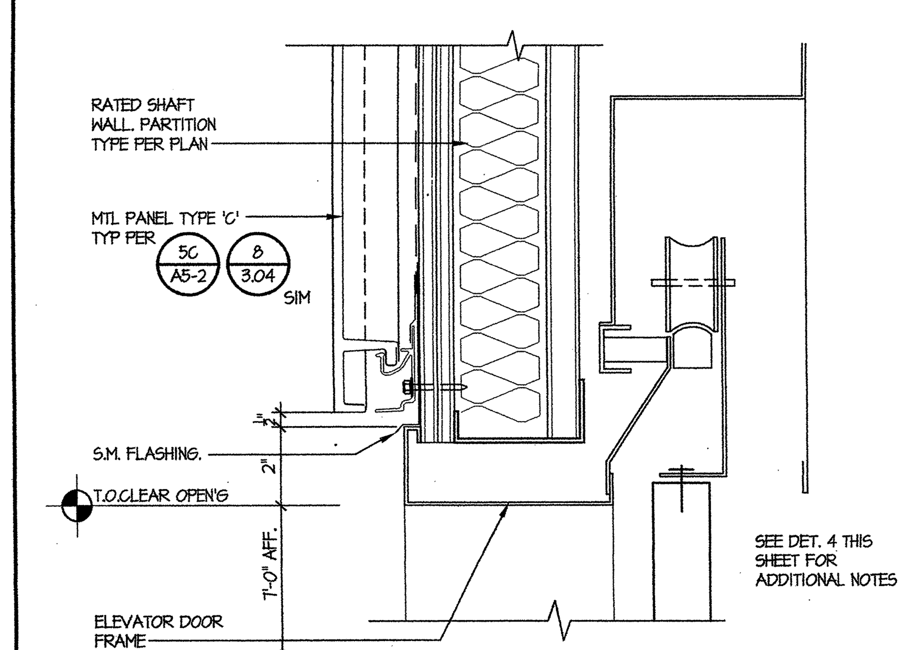
SUMP PIT DETAIL — SCALE: 1 1/2"=1'-0" — 8



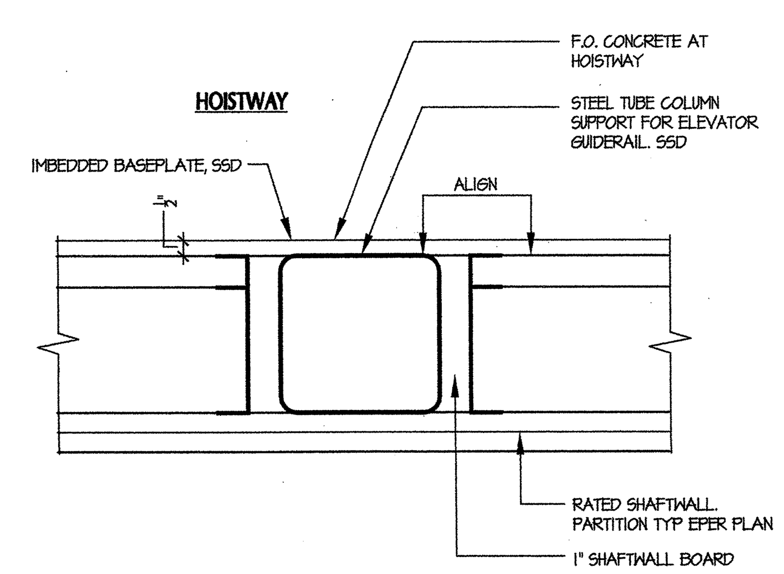
ELEVATOR THRESHOLD - FIRST FLOOR — SCALE: 3"=1'-0" — 9



ELEVATOR JAMB — SCALE: 3"=1'-0" — 10

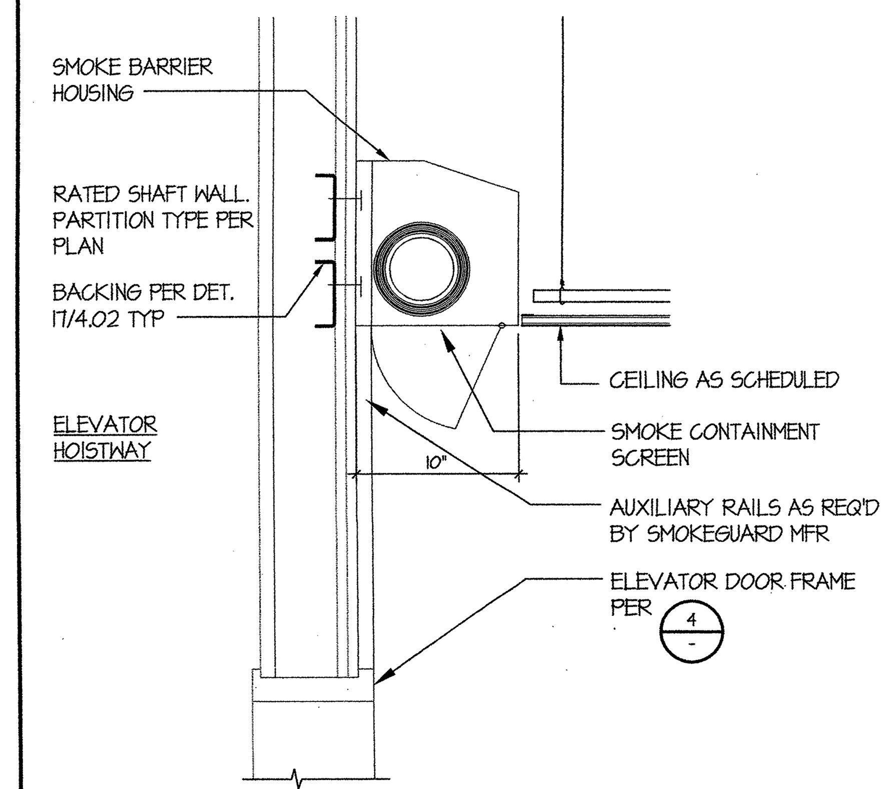


ELEVATOR DOOR HEAD- EXTERIOR — SCALE: 3"=1'-0" — 13



SEE RFI 363

GUIDERAIL SUPPORT DETAIL — SCALE: 3"=1'-0" — 14



SMOKE GUARD DETAIL — SCALE: 1 1/2"=1'-0" — 15

S. J. AMOROSO
Request For Information/Clarification

DSA FILE NO. 7-C1
DSA APPL. No. 01-106226

To: tBP/Architecture
1000 Burnett Ave, Suite 140
Concord, CA 94520

Project: LOS MEDANOS COLLEGE
SCIENCE BUILDING
Contra Costa Community College District

Attn: Celia Chiang, Tom Beckett
Fax: 925-246-6495

tBP p/n: 20247.00

Subj.: Shaftwall construction at elevator guiderails

RFI No: **363**
Subcontractor RFI

Reference (dwg, spec.): 14/10.03

Reply Requested By: 10/5/06

INFORMATION REQUESTED: Date: 9/28/06

Detail 14/10.03 shows the wall construction at the elevator guiderail supports. This detail shows 1" shaftwall board between the guiderail TS and the shaftwall stud. Concord Drywall is unsure how to construct this configuration so that it is rigid and stable. Options to glue the shaftwall material to the TS and then the stud to the shaftwall material or alternatively, to shoot the stud through the shaftwall material to the TS will not provide for a sound installation. Concord suggests that the shaftwall stud could be shot directly to the TS material nad then the 1" shaftwall material be installed "inside" the stud. Please advise.

SUGGESTED SOLUTION:
Cost Impact: ☐ Schedule Impact: ☐ days By: Mark Delgado

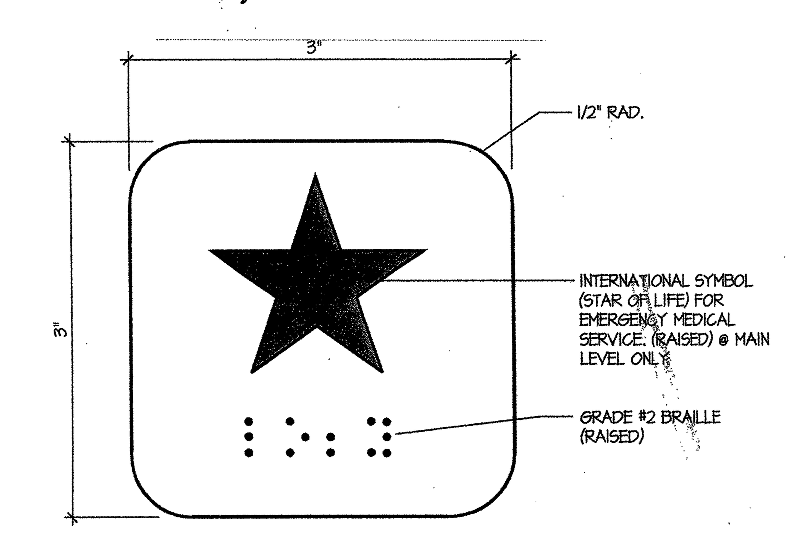
RESPONSE: DATE:

NO EXCEPTION TAKEN TO DIRECT ATTACHMENT OF METAL STUD TO TUBE STEEL SUPPORT. 1" SHAFTWALL MATERIAL NOT REQ'D AT INSIDE OF STUD. FIRE CAULK TO BE PLACED AT HOISTWAY SIDE OF STUD/SHAFT LINER WHERE BUTTED TO TUBE STEEL SUPPORT.

T.A.Beckett
10/16/06

cc: Concord

RFI # 000
Page 1



NOTE:
SYMBOL SHALL BE PERMENTLY ATTACHED TO EACH SIDE OF HOISTWAY DOOR FRAME AT THE MAIN FLOOR ONLY, ON THE PORTION OF THE FRAME AT RIGHT ANGLES TO THE LANDING AREA. EACH SYMBOL SHALL BE NOT LESS THAN 78" AND NOT MORE THAN 84" ABOVE THE FINISH FLOOR.

"STAR OF LIFE" EMERGENCY MEDICAL SERVICES — SCALE: FULL — 20

tBP
architecture
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interiors
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LICENSED ARCHITECT — RICHARD A. MANGUM, A.I.A. — NO. C-8685 — REN. 12-31-05 — STATE OF CALIFORNIA

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
APP. NO. 01-106226
AC FLS SS
DATE 1-12-05

FILE No. 7-C1

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SCIENCE BUILDING LOS MEDANOS COLLEGE

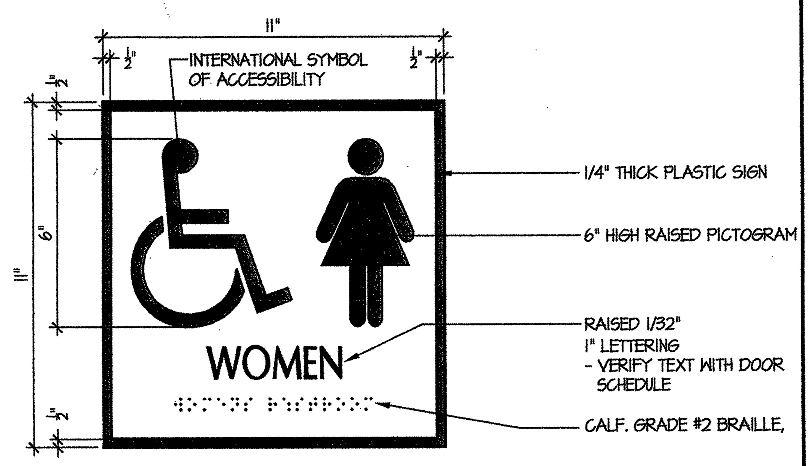
Contra Costa Community College District

tBP project number : 20247.00
file name: dtl-1003.dwg
drawn by: VL checked by:
date: NOVEMBER 15, 2004

Rev.	date	description

drawing title:
ELEVATOR DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no: 10.03

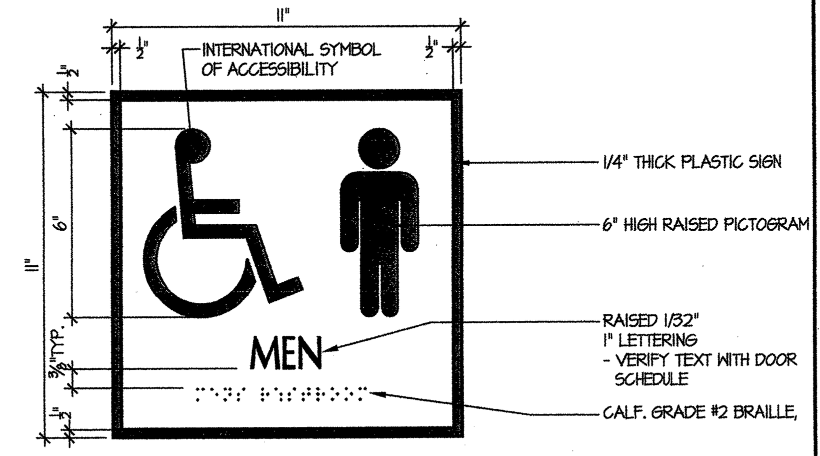


NOTES:

MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF DOOR, AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGNS ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE DOOR SCHEDULE FOR QUANTITY OF THIS SIGN REQUIRED.

WALL MOUNTED TOILET ROOM SIGNAGE 1
SCALE: 3"=1'-0"

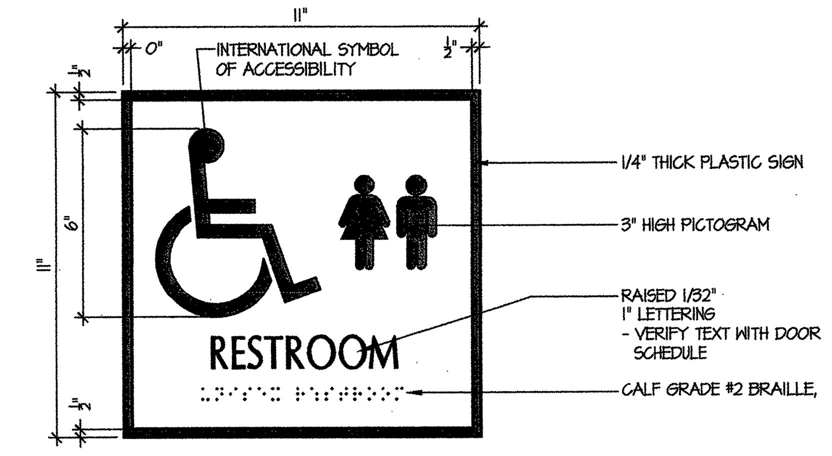


NOTES:

MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF DOOR, AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGNS ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE DOOR SCHEDULE FOR QUANTITY OF THIS SIGN REQUIRED.

WALL MOUNTED TOILET ROOM SIGNAGE 2
SCALE: 3"=1'-0"



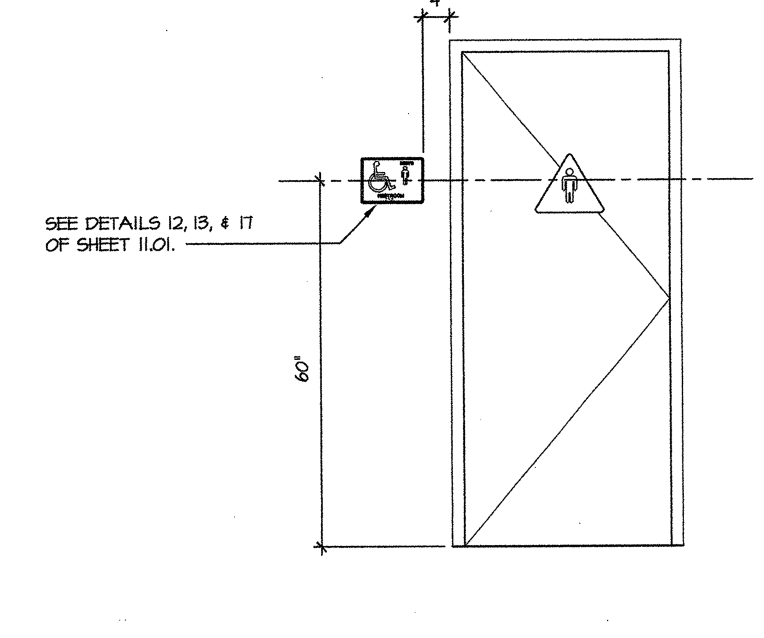
NOTES:

MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF DOOR, AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGNS ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE DOOR SCHEDULE FOR QUANTITY OF THIS SIGN REQUIRED.

WALL MOUNTED TOILET ROOM SIGNAGE 3
SCALE: 3"=1'-0"

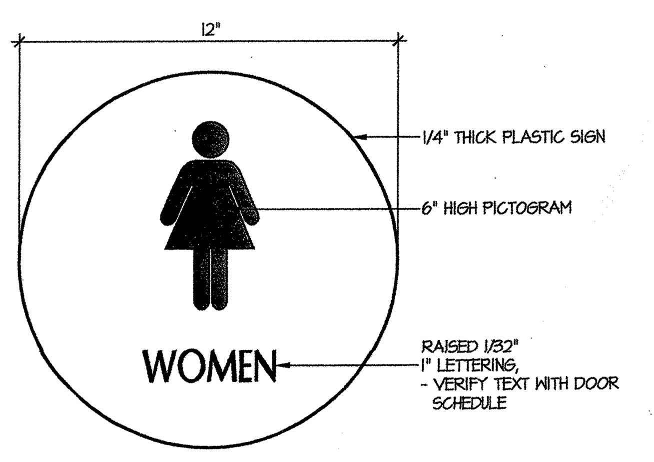
NOTE: IN ADDITION TO THE STANDARD DOOR SYMBOLS CENTERED AT 60" A.F.F. ON THE REST ROOM DOORS, SIGNS AS DETAILED AT 12, 13, & 17/11.01 WILL BE MOUNTED @ 60" A.F.F. ON WALL AT LATCH SIDE OF DOOR.



DOOR SIGNAGE LOCATION LEGEND 4
SCALE: NTS

SIGNAGE GENERAL NOTES

1. WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OFTHE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 60" ABOVE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SUCH THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF THE DOOR.
2. ALL INTERIOR PLASTIC SIGNS SHALL BE 1/8" THICK MINIMUM U.N.O.
3. ALL EXTERIOR PLASTIC SIGNS SHALL BE 1/4" THICK MINIMUM.
4. CHARACTERS, PICTOGRAMS AND BACKGROUND OF THE SIGN SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH AND CHARACTERS AND PICTOGRAMS SHALL CONTRAST WITH THEIR BACKGROUND.
5. CONTRACTED CALIFORNIA GRADE 2 BRAILLE SHALL BE USED WHENEVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE 1/10 INCH (2.54 mm) ON CENTERS IN EACH CELL WITH 2/10 INCH (5.08 mm) SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40 (0.635 mm) ABOVE THE BACKGROUND.
6. ALL PLASTIC SIGN LETTERING TO BE RAISED 1/32" AND SHALL BE 5/8" MIN. TO 2" MAX. IN HEIGHT USE LARGEST LETTER HEIGHT PRACTICAL. LETTER CHARACTERS TO BE UPPER CASE SANS-SERIF OR SIMPLE-SERIF.
7. VERIFY EXACT SIGN TEXT WITH DOOR SCHEDULE AS APPLICABLE.
8. VERIFY ALL ROOM NUMBERS WITH OWNER.
9. VERIFY TEXT ON ENGRAVED INSERTS WITH OWNER.
10. VERIFY ORIENTATION OF DIRECTIONAL ARROWS.
11. VERIFY MAXIMUM OCCUPANCY QUANTITY WITH FLOOR PLAN.
12. ALL EXTERIOR WALL MOUNTED SIGNS AND ALL INTERIOR WALL MOUNTED SIGNS ATTACHED TO MASONRY, PLASTER, OR CERAMIC TILE SHALL BE MECHANICALLY FASTENED WITH VANDALPROOF FASTENERS THROUGH THE WALL FINISH AND INTO SOLID WOOD OR METAL BACKING.
13. ALL INTERIOR WALL MOUNTED SIGNS SECURED TO DRYWALL SHALL BE ADHESIVELY APPLIED.
14. ALL PLASTIC SIGNS ADHESIVELY APPLIED TO GLASS SHALL HAVE AN ADDITIONAL PLASTIC BACKING THE SAME SIZE AS THE SIGN ADHESIVELY APPLIED TO THE OTHER SIDE OF THE GLASS.

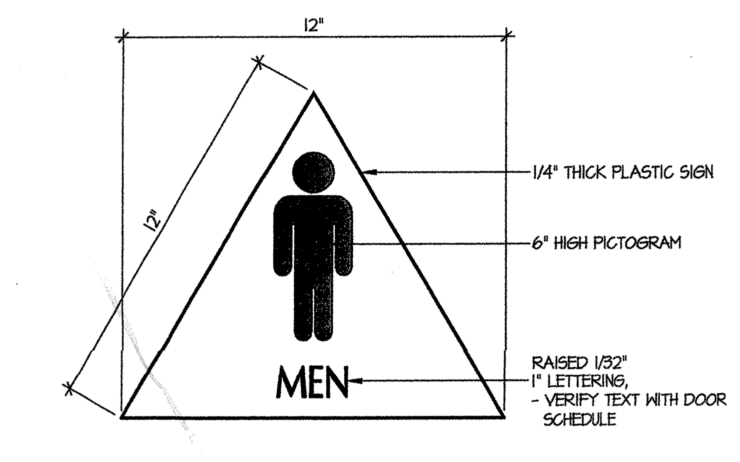


NOTES:

MOUNT SIGNS CENTERED ON DOOR AT 60" ABOVE FINISH FLOOR.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE DOOR SCHEDULE FOR QUANTITY OF THIS SIGN REQUIRED.

DOOR MOUNTED TOILET ROOM SIGNAGE 6
SCALE: 3"=1'-0"

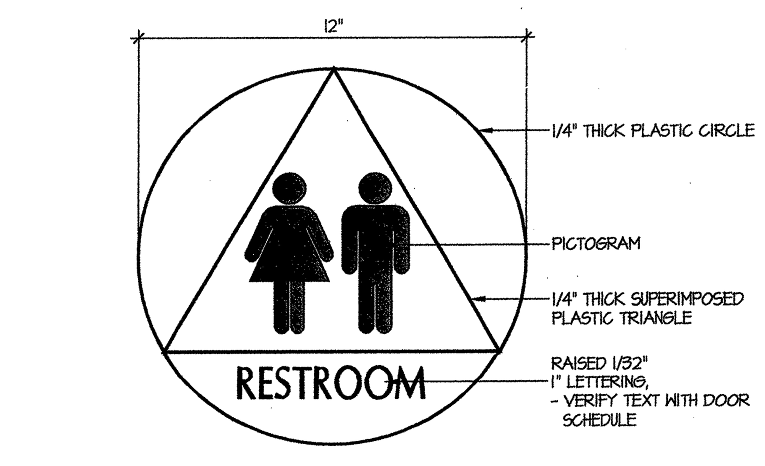


NOTES:

MOUNT SIGNS CENTERED ON DOOR AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE DOOR SCHEDULE FOR QUANTITY OF THIS SIGN REQUIRED.

DOOR MOUNTED TOILET ROOM SIGNAGE 7
SCALE: 3"=1'-0"

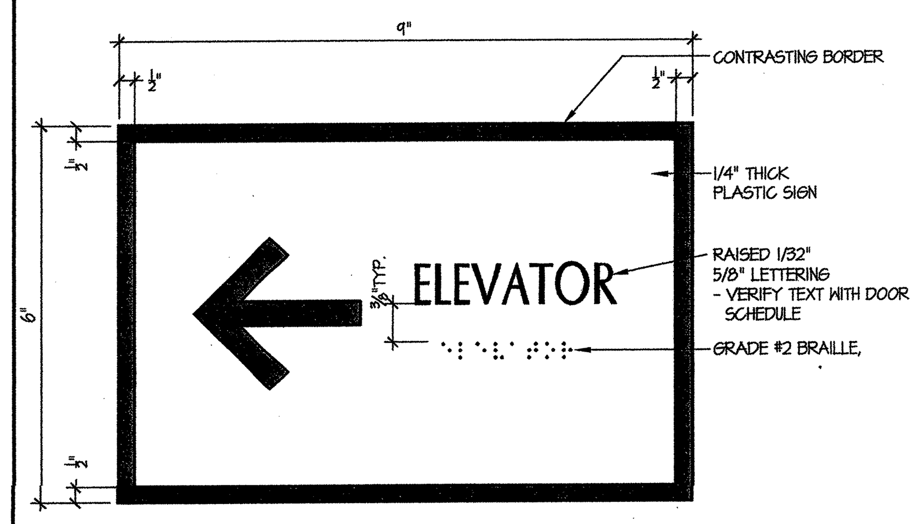


NOTES:

MOUNT SIGNS CENTERED ON DOOR AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE DOOR SCHEDULE FOR QUANTITY OF THIS SIGN REQUIRED.

DOOR MOUNTED TOILET ROOM SIGNAGE 8
SCALE: 3"=1'-0"



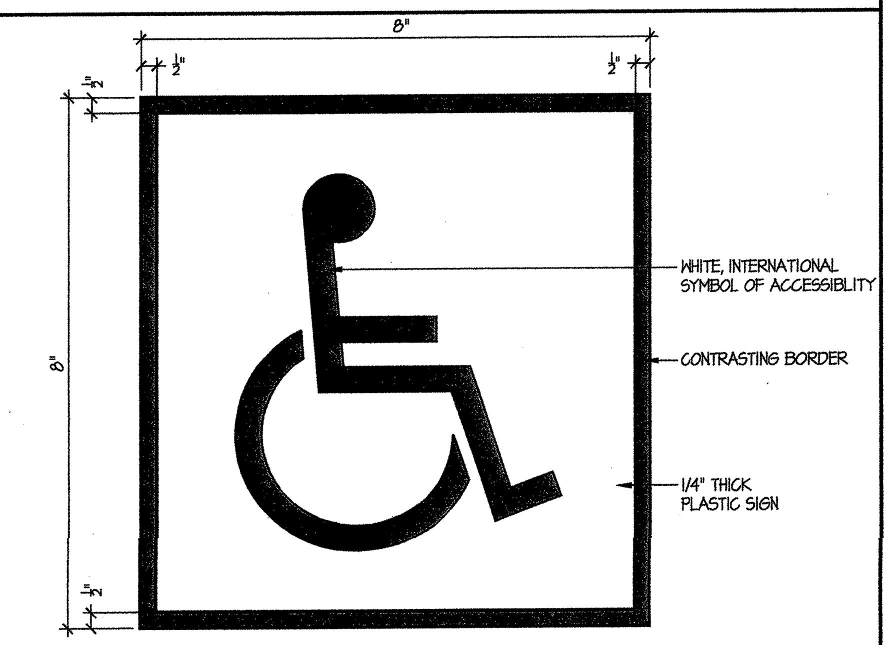
NOTES:

MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF DOOR, AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGNS ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE FLOOR PLAN AND INTERIOR ELEVATIONS FOR QUANTITY OF THIS SIGN REQUIRED.

- CHARACTERS AND BACKGROUND OF THE SIGN SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH AND CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND.

DIRECTIONAL SIGNAGE 9
SCALE: HALF



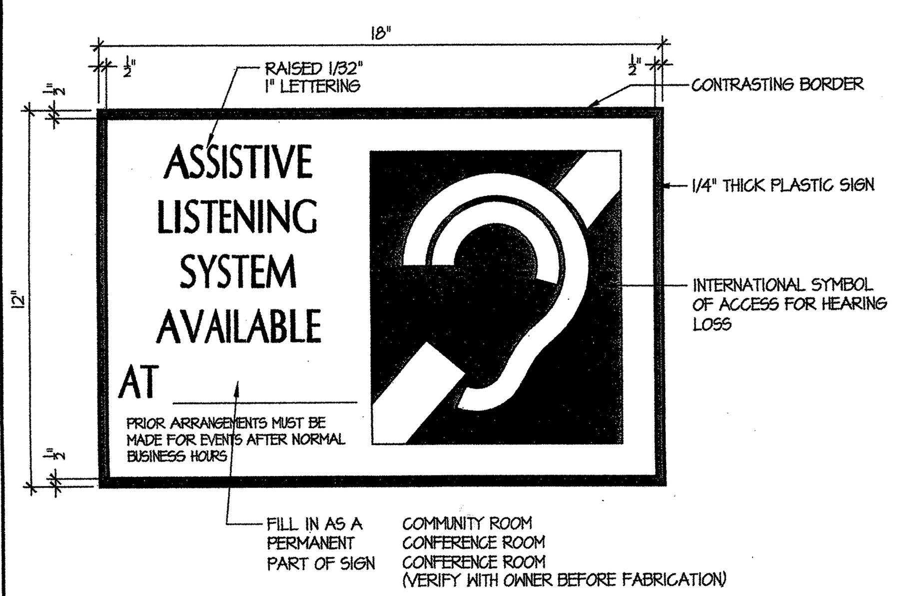
NOTES:

MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF DOOR, AT 48" MAX ABOVE FINISH FLOOR TO CENTER OF SIGN. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGNS ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE FLOOR PLAN AND EXTERIOR ELEVATIONS FOR QUANTITY OF THIS SIGN REQUIRED.

- CHARACTERS AND BACKGROUND OF THE SIGN SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH AND CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND.

ACCESSIBLE ENTRANCE SIGNAGE 10
SCALE: HALF

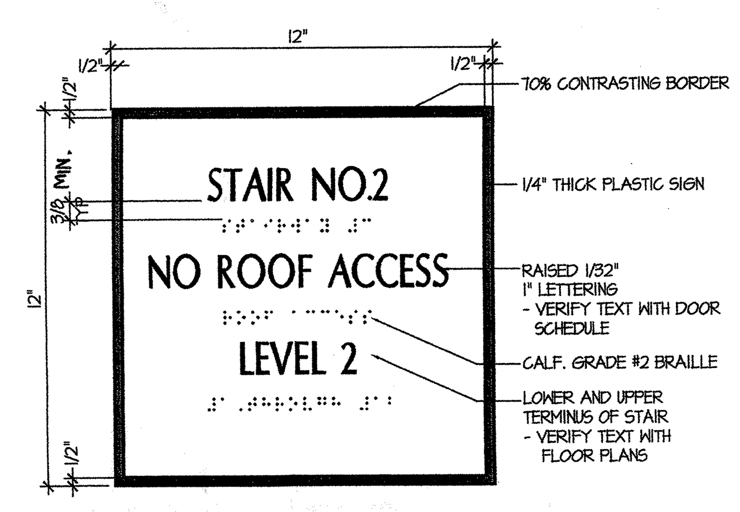


NOTES:

MOUNT SIGN PROMINENTLY ON THE WALL AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN.
- SEE GENERAL NOTES FOR MORE INFORMATION.

- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

ASSISTIVE LISTENING DEVICE SIGNAGE 11
SCALE: 3"=1'-0"



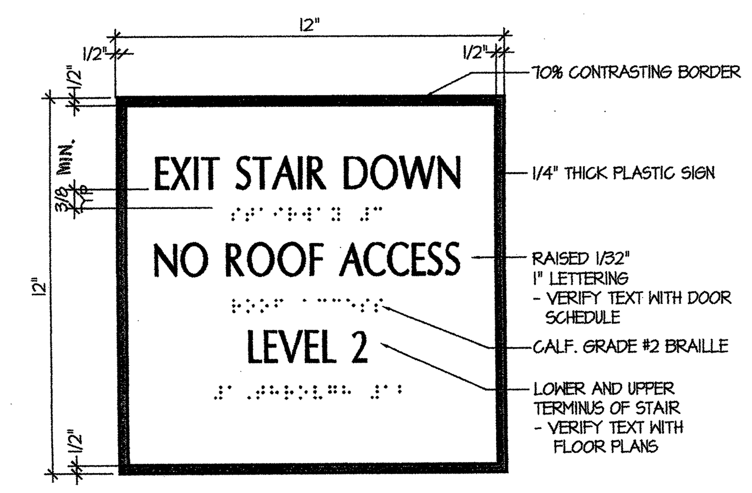
NOTES:

MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF DOOR, AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGNS ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE FLOOR PLAN AND ELEVATOR ELEVATIONS FOR QUANTITY OF THIS SIGN REQUIRED.

- INDICATE ROOF ACCESS IF APPLICABLE

INTERIOR STAIR SIGNAGE 12
SCALE: NONE



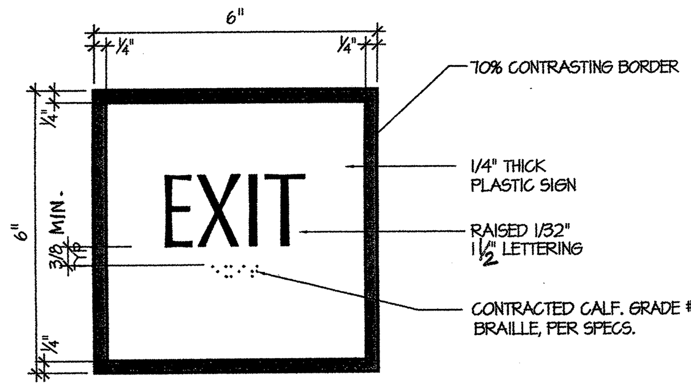
NOTES:

MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF DOOR, AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGNS ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE FLOOR PLAN AND ELEVATOR ELEVATIONS FOR QUANTITY OF THIS SIGN REQUIRED.

- INDICATE ROOF ACCESS IF APPLICABLE

EXIT STAIR SIGNAGE, SECOND FLOOR 13
SCALE: NONE



NOTES:

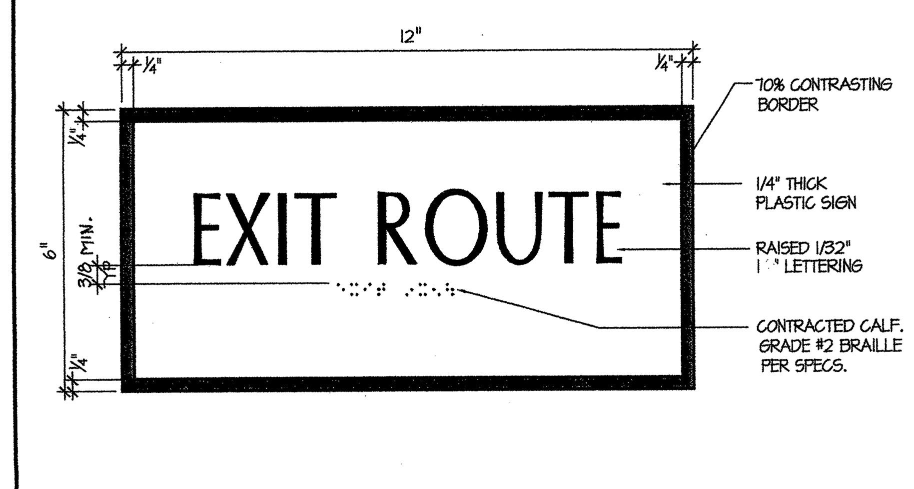
MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF INTERIOR DOOR, AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGNS ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 2/ 11.01.

- SEE DOOR SCHEDULE FOR QUANTITY OF THIS SIGN REQUIRED.

- THE CHARACTERS AND BACKGROUND OF THE SIGN SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH AND CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND.

- PLASTIC SIGN

TACTILE EXIT SIGN 14
SCALE: NONE



NOTES:

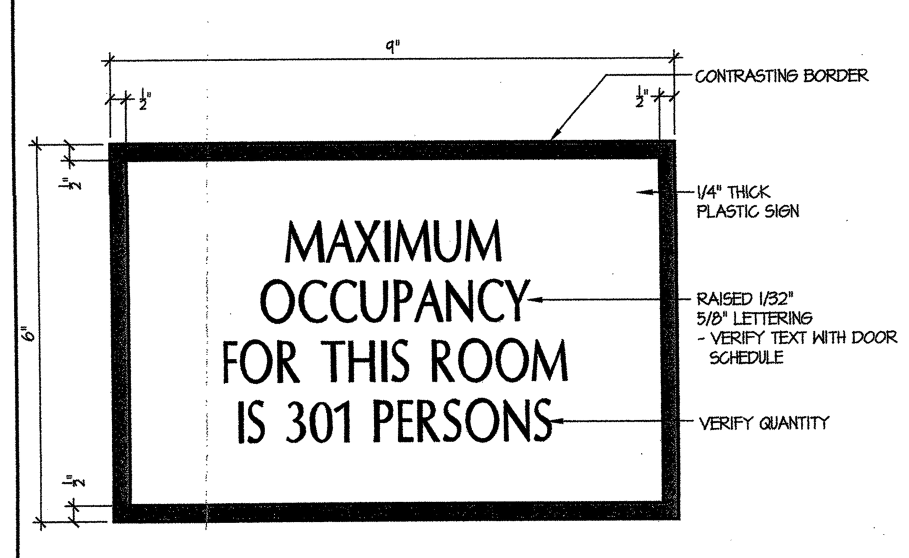
MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF INTERIOR DOOR, AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGNS ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 2/ 11.01.

- SEE DOOR SCHEDULE FOR QUANTITY OF THIS SIGN REQUIRED.

- THE CHARACTERS AND BACKGROUND OF THE SIGN SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH AND CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND.

- PLASTIC SIGN

TACTILE EXIT SIGN 15
SCALE: NONE



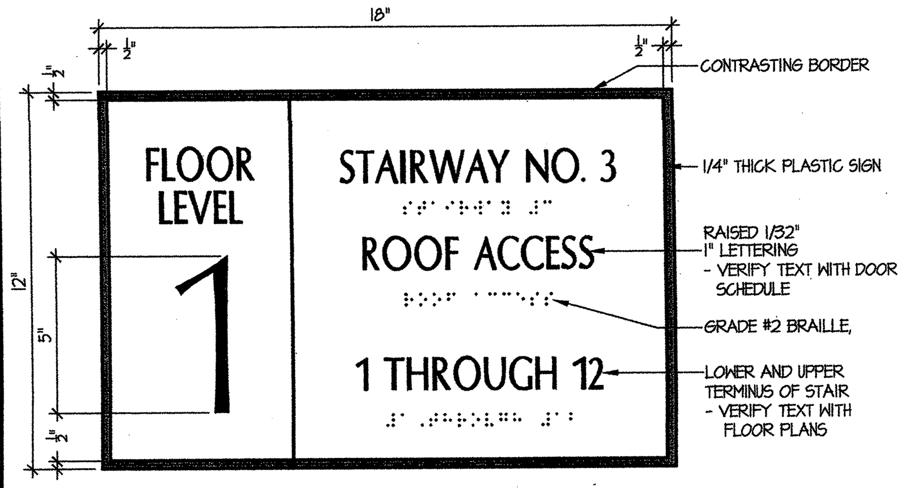
NOTES:

MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF DOOR, AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGNS ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE FLOOR PLAN AND INTERIOR ELEVATIONS FOR QUANTITY OF THIS SIGN REQUIRED.

- CHARACTERS AND BACKGROUND OF THE SIGN SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH AND CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND.

OCCUPANCY SIGNAGE 16
SCALE: HALF



NOTES:

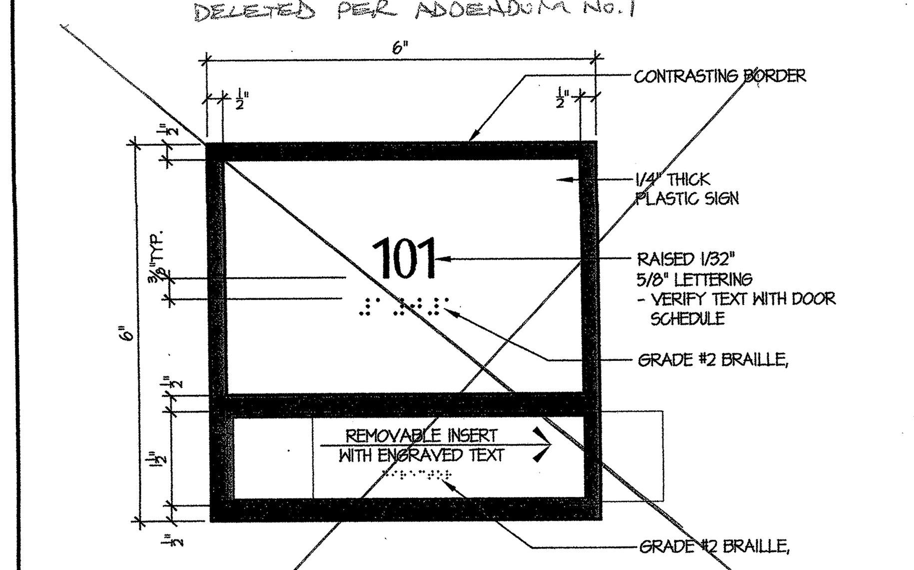
MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF DOOR, AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGNS ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE FLOOR PLAN AND ELEVATOR ELEVATIONS FOR QUANTITY OF THIS SIGN REQUIRED.

- INDICATE ROOF ACCESS IF APPLICABLE

STAIR IDENTIFICATION SIGNAGE 17
SCALE: 3"=1'-0"

DELETED PER ADDENDUM No. 1



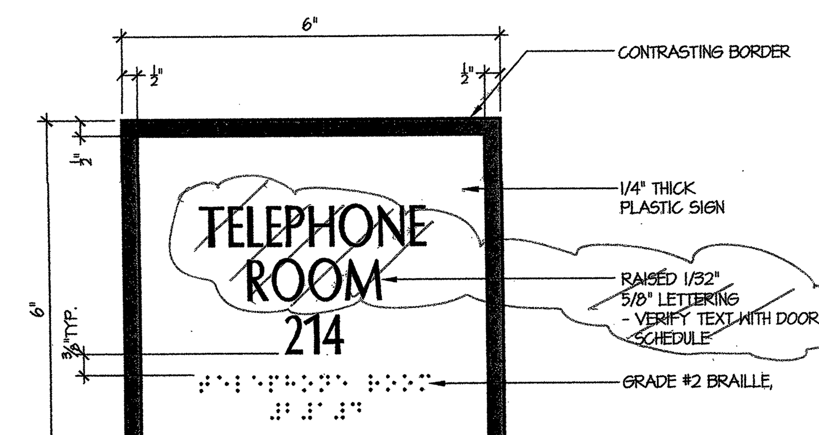
NOTES:

MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF DOOR, AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGNS ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE DOOR SCHEDULE FOR QUANTITY OF THIS SIGN REQUIRED.

- CHARACTERS AND BACKGROUND OF THE SIGN SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH AND CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND.

ROOM NUMBER SIGNAGE WITH INSERT 18
SCALE: HALF



DELETED PER ADDENDUM No. 1

NOTES:

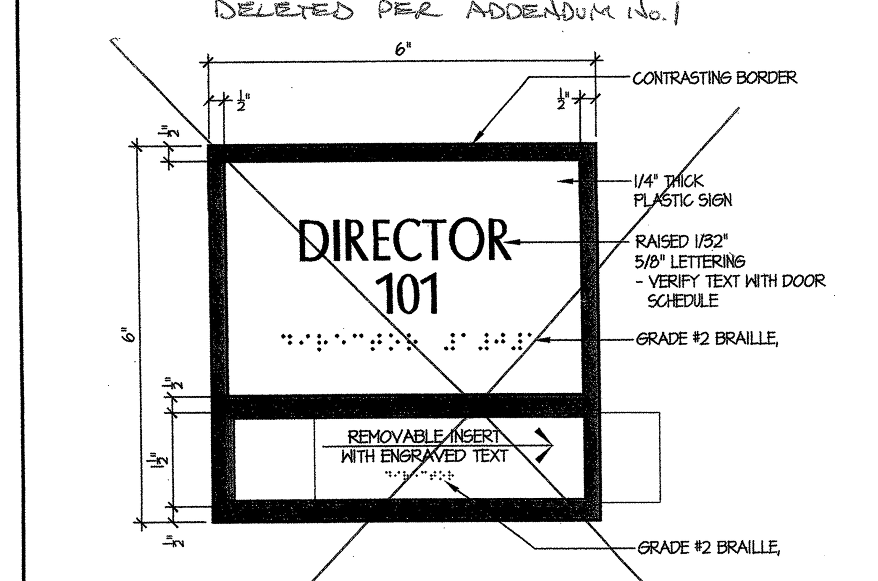
MOUNT SIGN ONTO GLASS WHERE SIDELITES OCCURS.
MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF DOOR, AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGNS ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE DOOR SCHEDULE FOR QUANTITY OF THIS SIGN REQUIRED.

- THE CHARACTERS AND BACKGROUND OF THE SIGN SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH AND CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND.

ROOM NAME/NUMBER SIGNAGE 19
SCALE: HALF

DELETED PER ADDENDUM No. 1



NOTES:

MOUNT SIGN ON THE WALL ADJACENT TO LATCH SIDE OF DOOR, AT 60" ABOVE FINISH FLOOR TO CENTER OF SIGN. WHERE THERE IS NO WALL SPACE ON LATCH SIDE OF DOOR, PLACE SIGNS ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT.
- SEE SIGNAGE LOCATION LEGEND, DETAIL 4/ 11.01.

- SEE DOOR SCHEDULE FOR QUANTITY OF THIS SIGN REQUIRED.

- CHARACTERS AND BACKGROUND OF THE SIGN SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH AND CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND.

ROOM NAME/NUMBER SIGNAGE WITH INSERT 20
SCALE: HALF

tBP
architecture planning interiors management

tBP/Architecture
1000 Burnett Avenue, Suite 140
Concord, CA 94520
p: 925.246.6419 f: 925.246.6495

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

FILE No. FCI

Division of the State Architect
Regional Office
1515 Clay St., Suite 1201
Oakland, CA 94612
p: 415-396-9500 f:

SCIENCE BUILDING
LOS MEDANOS COLLEGE
Contra Costa Community College District

tBP project number : 20247.00	
file name: DTL-1101.DWG	
drawn by:	checked by:
date: NOVEMBER 15, 2004	
Rev: date:	description:

drawing title:
SIGNAGE DETAILS

LMC SCIENCE 313-023-112.01-0-00.00
drawing no.: 11.01