

# ARCHITECTURAL BARRIER REMOVAL

INCREMENT 1 APPROVAL

## CONTRA COSTA COLLEGE

2600 MISSION BELL DRIVE, SAN PABLO, CALIFORNIA 94806

COMETTA/CIANFICHI PROJECT NO. 2657.89

### CONTRA COSTA COMMUNITY COLLEGE DISTRICT

#### CODE ANALYSIS

<b>Library</b>	
Type of Construction:	Type II F.R.
Occupancy:	A2.1
Area in sq.ft.:	27,839 Ground Floor 4,480 Mezzanine 32,319 TOTAL
Location of adjacent structures:	None within 60 ft.
<b>Humanities</b>	
Type of Construction:	Type V-1 hour
Occupancy:	B2/A2.1 (Lecture Hall)
B2 Area in sq.ft.:	8,957 Ground 10,688 First Floor 8,987 Second Floor 29,542 TOTAL
A2.1 Area in sq.ft.:	1,326 Ground 2,304 First Floor 3,630 TOTAL
Location of adjacent structures:	None within 60 ft.
<b>P.E. Building</b>	
Type of construction:	V-1 hour
Occupancy:	A2.1
Area in sq.ft.:	16,004 First Floor 16,763 Second Floor 32,767 TOTAL
Location of adjacent structures:	None within 60 ft.
<b>Performing Arts</b>	
Type of Construction:	Type V-1 hour; Type V-N (Storage); Type IV-1 hour (Stage); B-2; C-1 (Storage); B-1 (Stage)
Occupancy:	Approximately
Area in sq.ft.:	21,859 Ground 1,104 2nd and Mezzanine 22,963 TOTAL
Location of adjacent structures:	None within 40 ft.

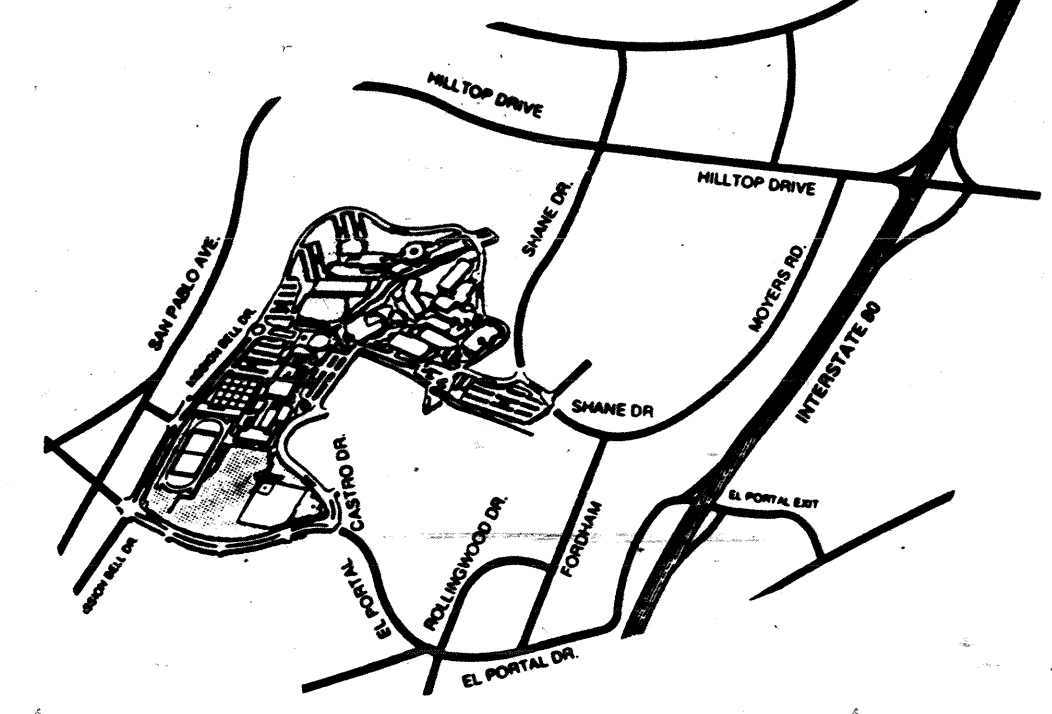
#### ABBREVIATIONS

At Penny Number, Found Plus or Minus	DR. DWK. D.S.	Door Drawer Downspout	HDWR. H.M. HORIZ. HR. HGT. HT.	Hardware Hollow Metal Horizontal Hour Height Height	F.B. FEN. F.H. PL. P.LAM. PLAS. PLYWD. PR. PT. P.T. P.T.D. P.T.D./R.	Panic Bar Penetration Pan Head Plate, Property Line Plastic Laminate Plaster Plywood Pair Point Pressure Treated Paper Towel Dispenser Paper Towel Dispenser & Receptacle Patch & Match
A.B. A.C. ACOUS. A.COUS. A.D. A.F.F. AL. APPROX. ARCH. ASPH.	E. (E) EA. EJ. EL. ELEC. ELEV. ENCL.	East Existing Each Expansion Joint Elevation Electrical Elevator Enclosure	I.D. IN. INSUL. INT.	Inside Diameter (Dim.) Inch Insulation Interior	JAN. JST. JT. KIT.	Janitor Joist Joint Kitchen
BD. BLDG. BLK. BM. BOT.	EQ. EQUIP. E.W. EXIST. EXP. EXT.	Equal Equipment Each Way Existing Exposed, Expansion Exterior	L. LAB. LAM. LAV. LG. LKR. LT.	Long Laboratory Laminate Lavatory Long, Length Locker Light	MAT. MAX. M.B. MECH. MET. MFR. MH. MIN. MIR. MISC. M.S.	Material Maximum Machine Bolt Mechanical Metal Manufacturer(s) Manhole Minimum, Minute Mirror Miscellaneous Machine Screw
CAB. C.B. C.B. CEM. C.G. C.I. CLG. CLOS. CLR. CNTR. COL. CONC. CONSTR. CONT. CONTR. CORR. C.T. CTR.	F.A. F.D. FND. F.E. F.E.C. F.H. F.H.C. FIN. FL. FLASH. FLUOR. F.O.C. F.O.F. F.O.S. FT. FTG. FURR.	Fire Alarm Floor Drain Foundation Fire Extinguisher Fire Extinguisher Cab. Flat Head Fire Hose Cabinet Finish Floor Flashing Fluorescent Face of Concrete Face of Finish Face of Stud Foot, Feet Footings Furring	G.A. GALV. G.B. G.D. GWB. GYF.	Gage Galvanized Grab Bar Grade Gypsum Wallboard Gypsum	(N) N.I.C. NO. N.T.S.	New Not In Contract Number Not To Scale
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D. DBL. D.F. DET. DIA. DIM. DN. D.O.	G. GALV. G.B. G.D. GWB. GYF.	Gage Galvanized Grab Bar Grade Gypsum Wallboard Gypsum	H. H.C. HDCP. HDWD.	High Hollow Core Handicap Hardwood	(N) N.I.C. NO. N.T.S.	New Not In Contract Number Not To Scale
D. DBL. D.F. DET. DIA. DIM. DN. D.O.	G. GALV. G.B. G.D. GWB. GYF.	Gage Galvanized Grab Bar Grade Gypsum Wallboard Gypsum	H. H.C. HDCP. HDWD.	High Hollow Core Handicap Hardwood	(N) N.I.C. NO. N.T.S.	New Not In Contract Number Not To Scale
D. DBL. D.F. DET. DIA. DIM. DN. D.O.	G. GALV. G.B. 					

#### GENERAL NOTES

- ALL DIMENSIONS ARE FACE OF FINISH UNLESS OTHERWISE NOTED.
  - THE INTENT OF THE CONTRACT DOCUMENTS IS TO COMPLETE THE PROJECT IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH THE SAID TITLE 24, CCR, A CHANGE ORDER DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO, AND APPROVED BY, THE OFFICE OF THE STATE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
  - ALL WORK PERFORMED UNDER THIS CONTRACT IS TO COMPLY WITH THE APPROPRIATE PORTIONS OF TITLE 24, CCR, PARTS 1 THROUGH 5.
  - DEFERRED APPROVAL ITEMS:  
FIRE ALARM - SEE SHEET E.1  
HYDRAULIC ELEVATORS - SEE SHEET E.1  
(MACHINE ROOM EQUIPMENT ANCHORAGE ONLY)  
SECTION 14240  
PRIOR TO INSTALLATION SUBMIT CALCULATIONS, SHOP DRAWINGS SHOWING MEMBER SIZES AND CONNECTION DETAILS, AND SPECIFICATIONS DEMONSTRATING COMPLIANCE WITH TITLE 24, CCR FOR THE ARCHITECT'S REVIEW AND APPROVAL BY THE OFFICE OF THE STATE ARCHITECT.
  - PROVIDE VISUAL STROBE LIGHTS IN ALL AREAS OF HIGH AMBIENT NOISE.
  - DEMOLITION PLANS AND/OR NOTES ARE DIAGRAMMATIC. CONTRACTOR WILL BE REQUIRED TO REMOVE ALL PLUMBING FIXTURES, MIRRORS, SHELVES, TOILET PARTITIONS, TOILET ROOM ACCESSORIES, LIGHT SWITCHES, ELECTRIC OUTLETS, FIRE ALARM SYSTEM DEVICES, ACCESS DOORS, WALLS, FRAMING, WALL/FLOOR TILE AND MORTAR BEDS, PLASTER, GYPSUM BOARD, PLUMBING (PIPING, FIXTURES, ETC.), ELECTRIC CONDUIT, AND OTHER ITEMS THAT MAY NEED TO BE REMOVED TO INSTALL WORK. CONTRACTOR TO SAVE, PROTECT, AND STORE FOR REUSE AND REINSTALLATION ALL ITEMS NOT CALLED OUT TO BE REPLACED WITH NEW. CONTRACTOR HAS THE OPTION TO PROVIDE NEW MATERIALS (I.E.: SWITCHES, SWITCH PLATES, ELECTRIC BOXES, CONDUIT, WIRE, PLUMBING PIPES, ETC.) EQUAL TO EXISTING TO BE REUSED. ALL MATERIALS, LABOR, TRANSPORTATION, AND EQUIPMENT REQUIRED TO DO THE WORK, REMOVAL AND REINSTALLATION, AND DISPOSAL OF CONSTRUCTION DEBRIS OFF SITE SHALL BE INCLUDED IN THE CONTRACT.
- ITEMS NOTED AS "INCREMENT 2" ARE INCLUDED IN THE SCOPE OF THE WORK.

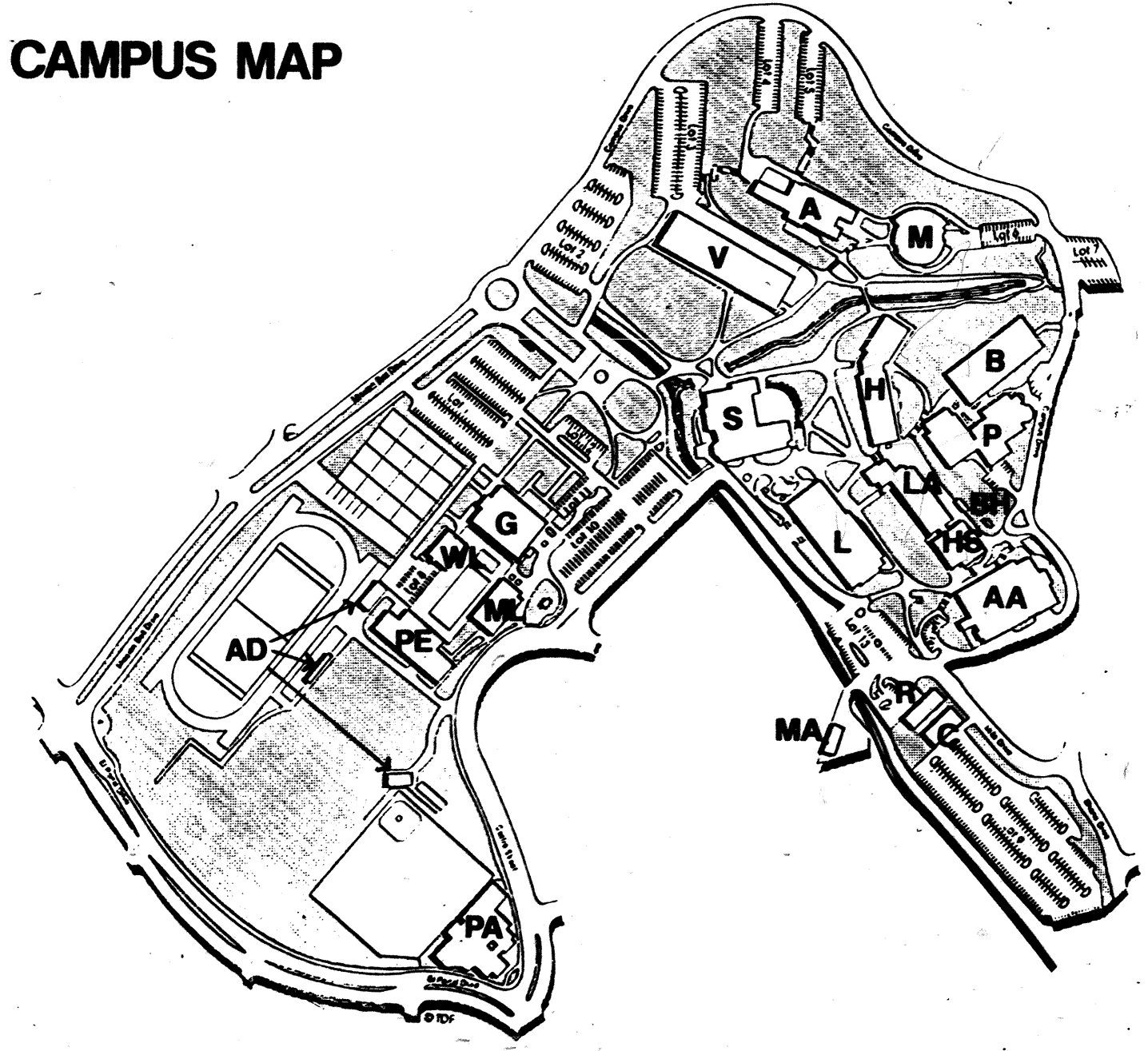
#### VICINITY MAP



#### APPLICATION NUMBERS

A	Art Bldg.	SAN	32474	11/26/69
AA	Applied Arts & Admin. Bldg.	SAN	42256	3/27/79
AD	Concession Bldg., Pool Equip. Bldg., Pools, Site Utilities & Improvements	SAN	32170	4/28/67
B	Biological Sciences Bldg.	SAN	18387	12/21/59
BH	Boiler House	SAN	18387	12/21/59
C	Child Care Ctr.	SAN	14781	8/25/56
G	Gymnasium	SAN	11810	6/10/54
H	Humanities Bldg.	SAN	16328	8/29/57
HS	Health Sciences Bldg.	SAN	30521	4/18/68
L	Library	SAN	34875	3/14/72
LA	Liberal Arts Bldg.	SAN	22125	4/14/62
M	Music Bldg.	SAN	26784	12/23/65
MA	Maintenance	SAN	23167	12/17/62
ML	Men's Locker Bldg.	SAN	14373	5/18/56
P	Physical Sciences Bldg.	SAN	42088	3/27/79
PA	Performing Arts Ctr.	SAN	19387	12/21/59
PE	Physical Education Bldg.	SAN	36531	12/12/73
R	Receiving	SAN	41183	8/29/78
S	Student Assn. Bldg.	SAN	29711	9/27/67
V	Vocational Arts Bldg.	SAN	17287	6/2/58
WL	Women's Locker Bldg.	SAN	31682	3/20/69
		SAN	15741	6/21/57
		SAN	25893	5/25/65
		SAN	20760	2/19/61

#### CAMPUS MAP



#### DRAWING LIST

- GENERAL**  
G0 TITLE SHEET
- SITework - INCREMENT 2**  
SW0 SITE PLAN - BRIDGE @ PHYSICAL SCIENCE & LIBERAL ARTS BLDGS., SITE DETAILS  
SW1 SITE PLAN - RAMPS @ MUSIC BLDG., AND LIBRARY & LIBERAL ARTS BLDGS.  
SW2 SITE PLAN - WALKWAY @ BIOLOGICAL SCIENCES BLDG., SITE DETAILS  
SW3 SITE DETAILS
- ARCHITECTURAL**  
A0.0 SCHEDULES, LEGENDS AND NOTES  
A1.0 FLOOR PLANS - BLDG. GROUP 1  
A1.1 FLOOR PLANS - BLDG. GROUP 2  
A1.2 FLOOR PLANS - BLDG. GROUP 3  
A2.0 PLANS & ELEVATIONS - LIBRARY ELEVATOR  
A2.1 PLANS & ELEVATIONS - HUMANITIES BLDG. TOILETS  
A2.2 PLANS & ELEVATIONS - PHYSICAL ED. BLDG. TOILETS, WOMEN'S LOCKER BLDG. SHOWER  
A2.3 PLANS & ELEVATIONS - PERFORMING ARTS CENTER TOILETS  
A2.4 FLOOR PLAN, DETAILS  
A3.0 TYPICAL ACCESSIBILITY DETAILS  
A3.1 ELEVATOR DETAILS (Work Deleted) AB  
A3.2 PLAN & SECTION AT LIBERAL ART BLDG. (INCREMENT 2)  
A3.3 DETAILS  
A3.4 DETAILS
- STRUCTURAL**  
S1.1 GENERAL NOTES  
S1.2 TYPICAL STRUCTURAL DETAILS  
S1.3 TYPICAL STRUCTURAL ELEVATOR RAIL DETAILS  
S2.1 LIBRARY BLDG. ELEVATOR FRAMING PLAN & SECTIONS  
S2.2 WALKWAY BRIDGE FRAMING PLAN & DETAILS  
S3.1 ELEVATOR BRACE ELEVATIONS AND DETAILS  
S3.2 WALKWAYS STRUCTURAL SECTIONS  
S3.3 WALKWAY BRIDGE SECTIONS AND DETAILS  
S3.4 WALKWAY BRIDGE BEAM ELEVATIONS AND DETAILS
- PLUMBING**  
P0 PLUMBING LEGEND, SCHEDULE, AND DETAILS  
P-1 PLUMBING PLANS - HUMANITIES BLDG.  
P-2 PLUMBING PLANS - PHYSICAL ED. BLDG. & WOMEN'S LOCKER BLDG.  
P-3 PLUMBING PLANS - PERFORMING ARTS CENTER & LIBRARY
- ELECTRICAL**  
E-1 SYMBOLS, NOTES, SCHEDULES, KEY PLAN, DETAIL  
E-2 FLOOR PLANS - BLDG. GROUP 1 - ELECTRICAL  
E-3 FLOOR PLANS - BLDG. GROUP 2 - ELECTRICAL  
E-4 FLOOR PLANS - BLDG. GROUP 3 - ELECTRICAL  
E-5 LIGHTING PLANS, NOTES

COMETTA/CIANFICHI

APPROVED

59314 JUL 28 1993

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES  
APPL. NO. 59314  
DATE MAR 28 1994 (S.F.)

FILE # 7-C1

CONSULTANT:  
AS BUILT 11/10/95  
Sany - SAUSAL

ARCHITECT:  
COMETTA / CIANFICHI  
ARCHITECTURE • PLANNING

3516 Macdonald Avenue  
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Telephone: (510) 232-2637  
Fax Number: (510) 232-7281

PROJECT:  
**ARCHITECTURAL BARRIER REMOVAL**  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

Contra Costa Community College District

STATUS:  
**BID SET**

REVISIONS: (Δ indicates revisions made to this sheet.)  
NO. DATE NO. DATE  
Δ 3/22/94 INCREMENT 2  
Δ 6/28/94 ADDENDUM NO.1

SHEET TITLE:  
**Title Sheet**

DRAWN BY:  
PROJECT NO. 2657.89

CHECKED BY:  
DATE 2/17/93

59314 7-C1  
DATA NO. SHEET

**GO**

NO. OF:

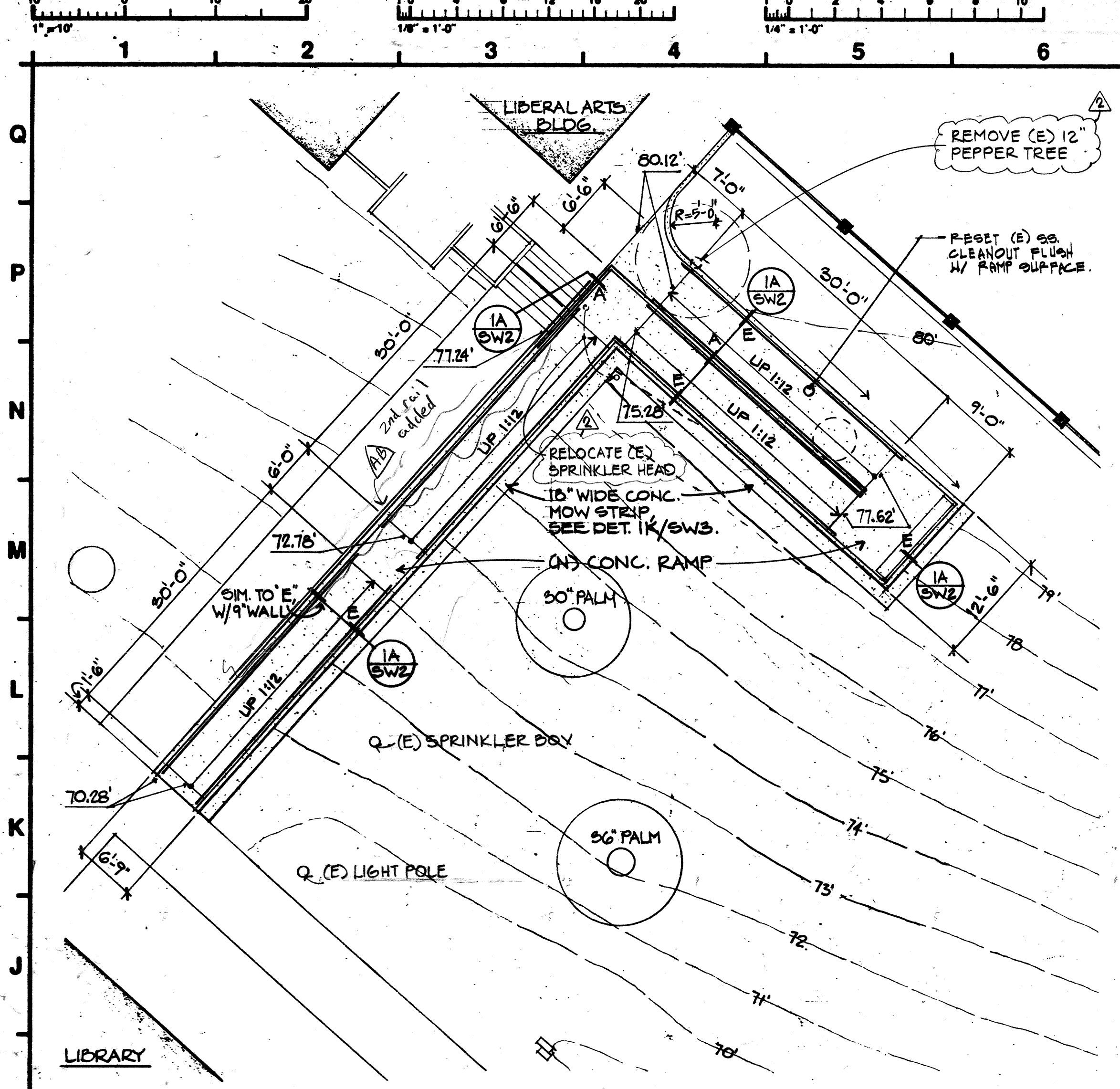
FORM NO. CC-101 JANUARY 1992



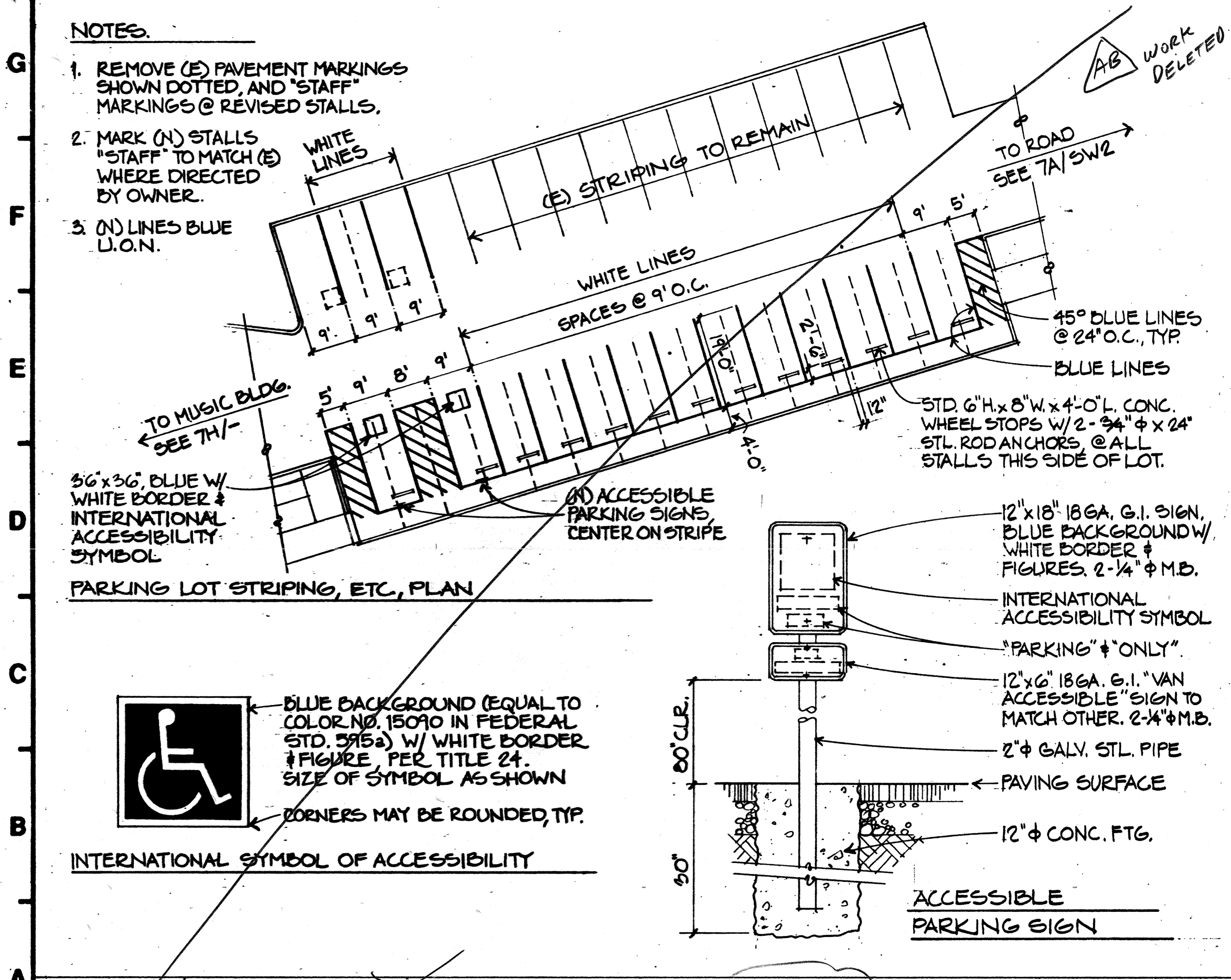




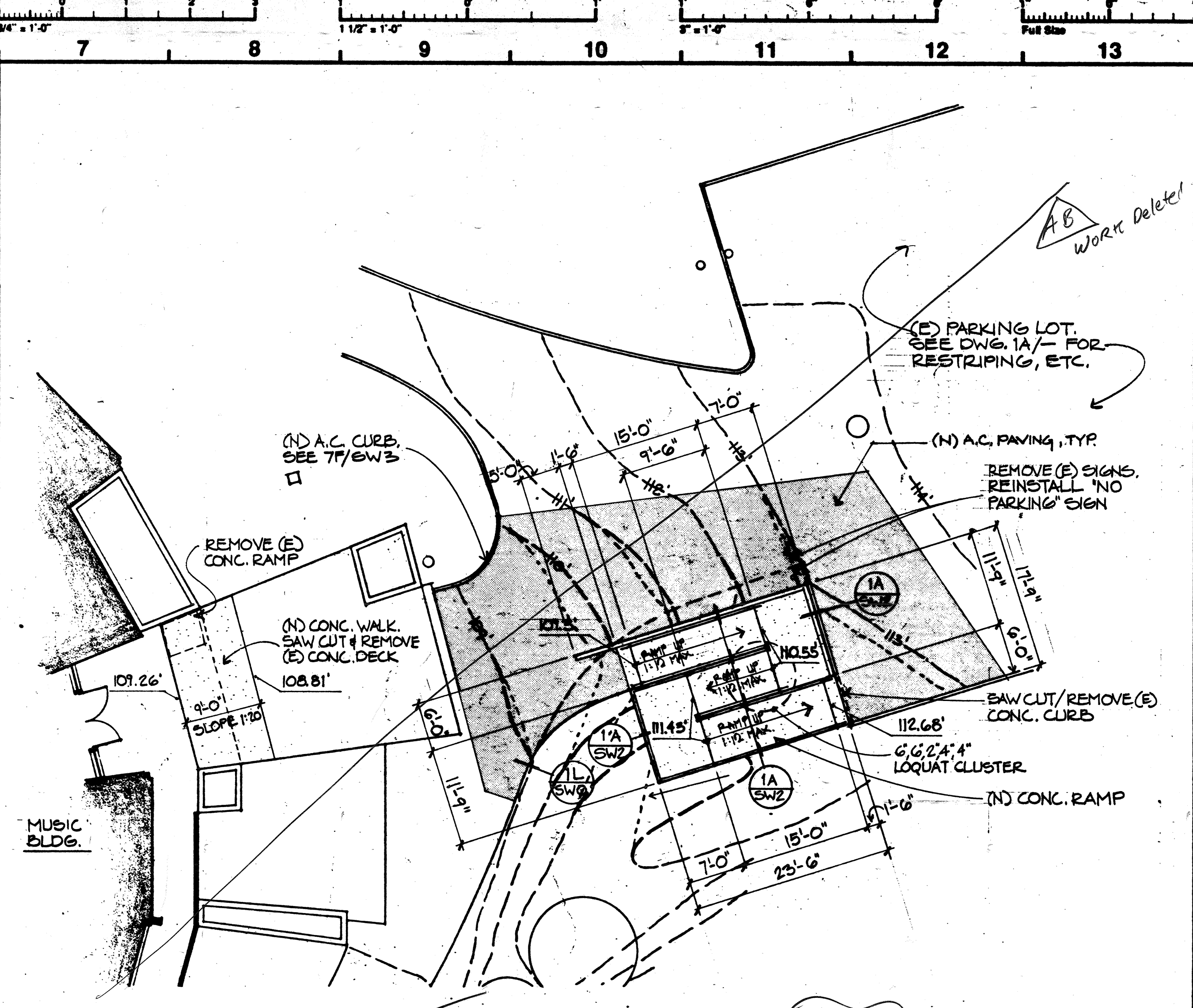
26 DEC. 92  
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23 JAN. 93  
27 JAN. 93  
4/14/93  
21 JAN. 94  
23 FEB. 94  
22 MAR. 94



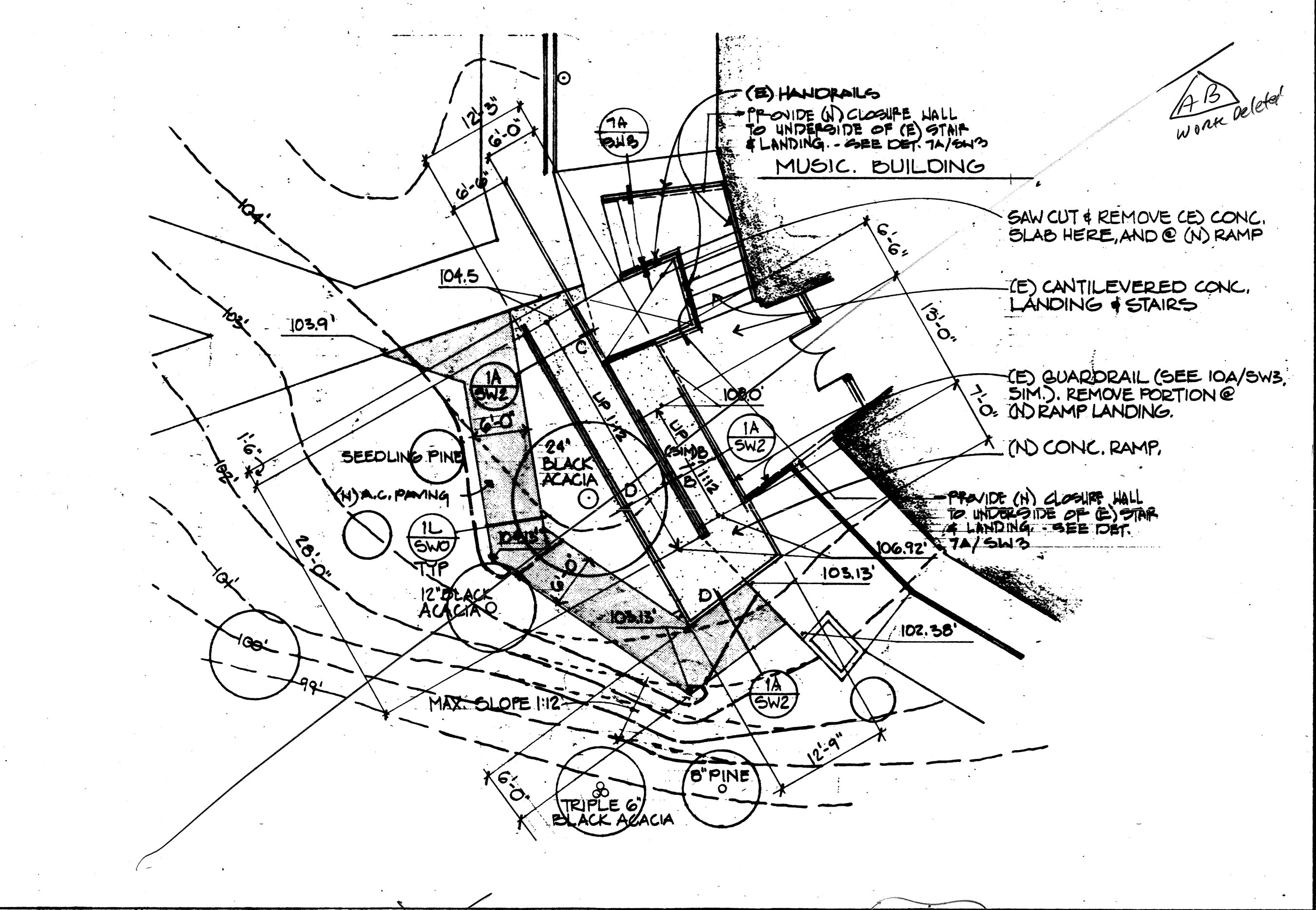
1H LIBRARY & LIBERAL ARTS BLDG. - SITE PLAN @ RAMP  
1"=10'



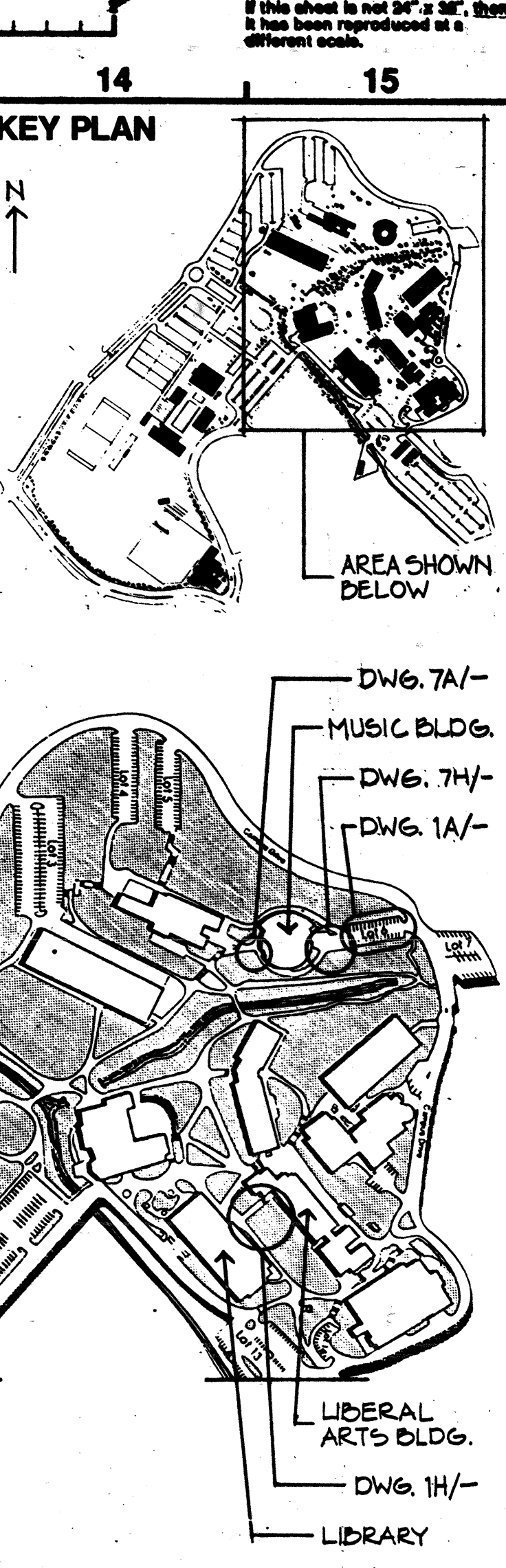
1A MUSIC BLDG. PARKING LOT  
1"=10'



7H MUSIC BLDG. - SITE PLAN @ EAST ENTRY  
1"=10'



7A MUSIC BLDG. - SITE PLAN @ WEST ENTRY  
1"=10'



KEY PLAN

**SHEET NOTES**

- SEE STRUCTURAL DRAWINGS FOR TYPICAL AND SPECIFIC RAMP/RETAINING WALL SECTIONS. & REINFORCING.
- VERIFY LOCATION OF UNDERGROUND UTILITIES, INCLUDING IRRIGATION, IN AREA OF WORK, AND PROTECT AND/OR RELOCATE AS REQUIRED.
- FIELD VERIFY EXACT LOCATION OF (E) TREES TO REMAIN ADJACENT TO WORK. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE & DESTRUCTION OF (E) TREES.
- PROVIDE A SMOOTH & EVEN TRANSITION @ (N) & (E) PAVING SURFACES.

APPROVED  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES

AC FLS. SS CFC  
APPL. NO. 59314 DATE MAR. 20 1994  
ADDENDUM 1

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES

APPL. 59314  
AC FLS. SS CFC  
DATE MAR. 20 1994  
INCREMENT 2

ADD ENTIRE SHEET

COMETTA / CIANFICHI

CONSULTANT  
AS BUILT 11/10/95  
Jy - SAUSA

ARCHITECT  
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PROJECT  
**ARCHITECTURAL  
BARRIER REMOVAL**  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

Contra Costa Community  
College District

STATUS  
**BID SET**

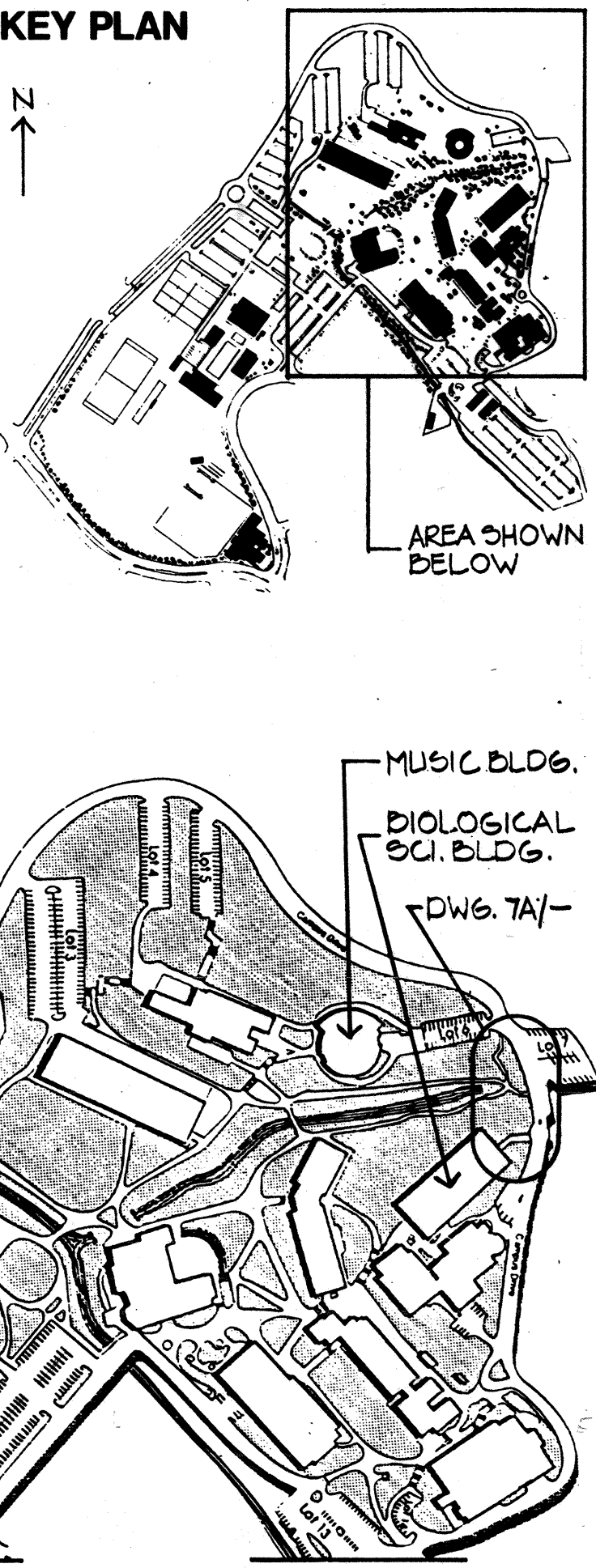
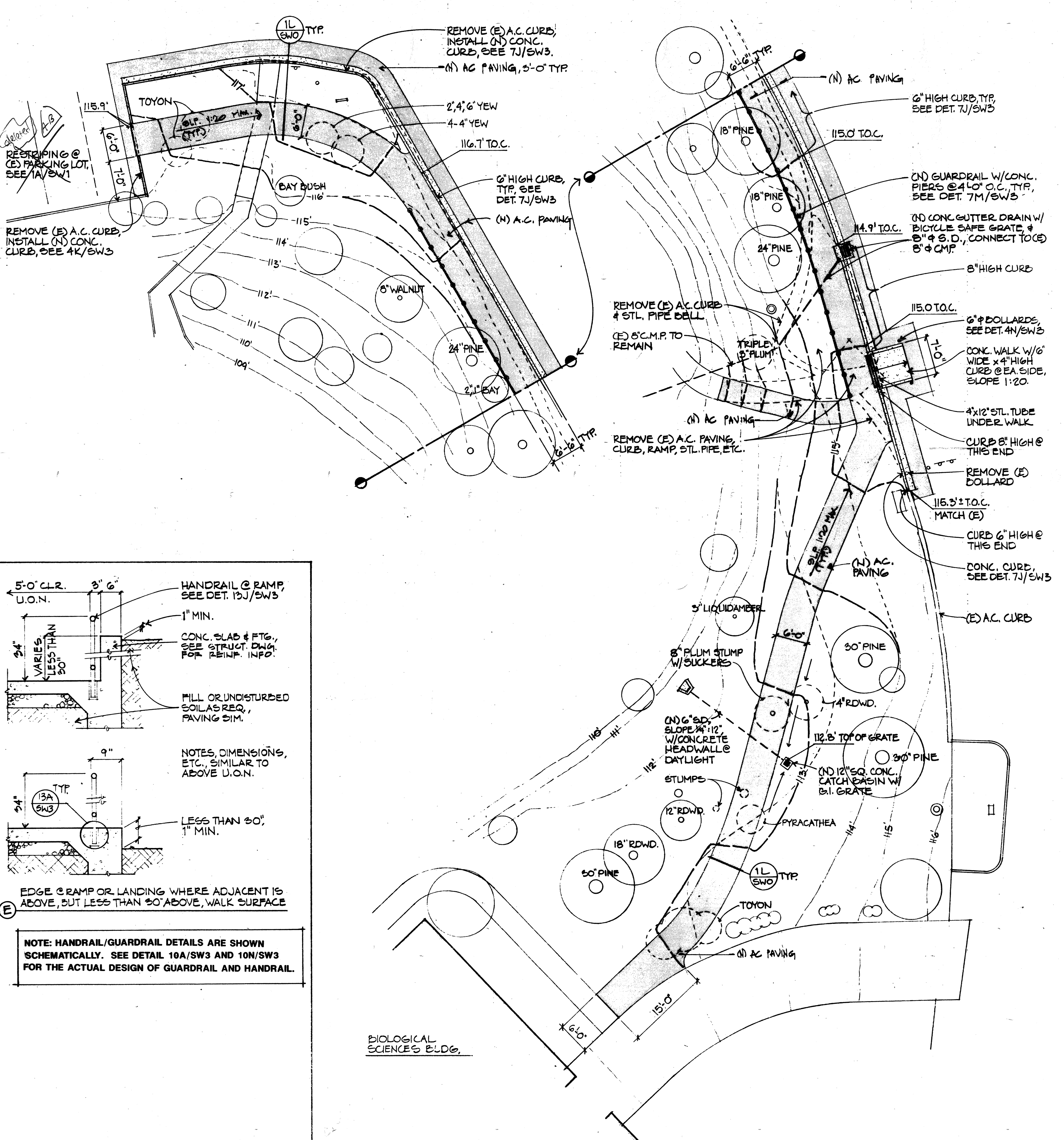
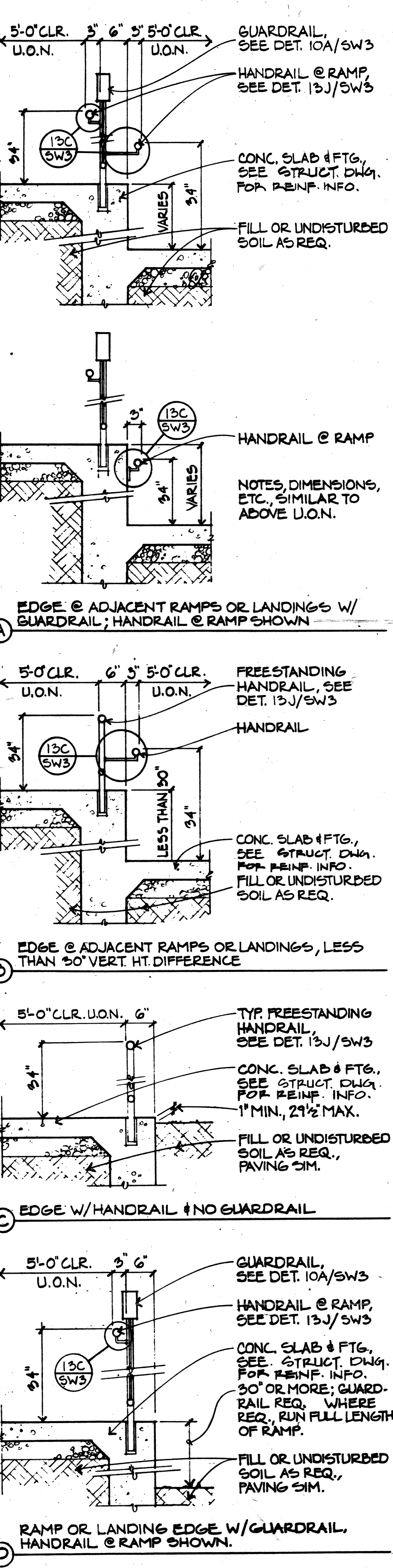
REVISIONS: (1) PRELIMINARY REVISIONS MADE BY THE ARCHITECT  
NO. DATE NO. DATE  
1 3/22/94 INCREMENT 2  
2 6/28/94 ADDENDUM NO. 1

SHEET TITLE  
**Site Plans - Ramps @  
Music Bldg., and Library &  
Liberal Arts Bldgs.**

INCREMENT 2

CHECKED BY: DATE: 22 MARCH 1994  
APPL. NO. 59314 J-C1  
DATA NO. SW1





**SHEET NOTES**

1. VERIFY LOCATION OF UNDERGROUND UTILITIES, INCLUDING IRRIGATION, IN AREA OF WORK, AND PROTECT AND/OR RELOCATE AS REQUIRED.

APPROVED  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES

AC FLS SS EKC

APPL. NO. DATE MAR 21 1997

ADDENDUM 1

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES

APPL 59314

AC FLS SS EKC

DATE 3 8 1994

INCREMENT 2

ADD ENTIRE SHEET

COMETTA / CIANFICHI

CONSULTANT:  
AS BUILT - 11/10/95  
Jy Sato - SAUSA

ARCHITECT:  
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PROJECT:  
**ARCHITECTURAL BARRIER REMOVAL**  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

Contra Costa Community College District

STATUS:  
**BID SET**

REVISIONS: (1) indicates revisions made to this sheet

NO. DATE DATE

1 3/22/94 INCREMENT 2

2 6/28/94 ADDENDUM NO. 1

SHEET TITLE:  
**Site Plan - Walkway @ Biological Sciences Bldg., Site Details**

INCREMENT 2

DRAWN BY: DATE: PROJECT NO.: 2657.89

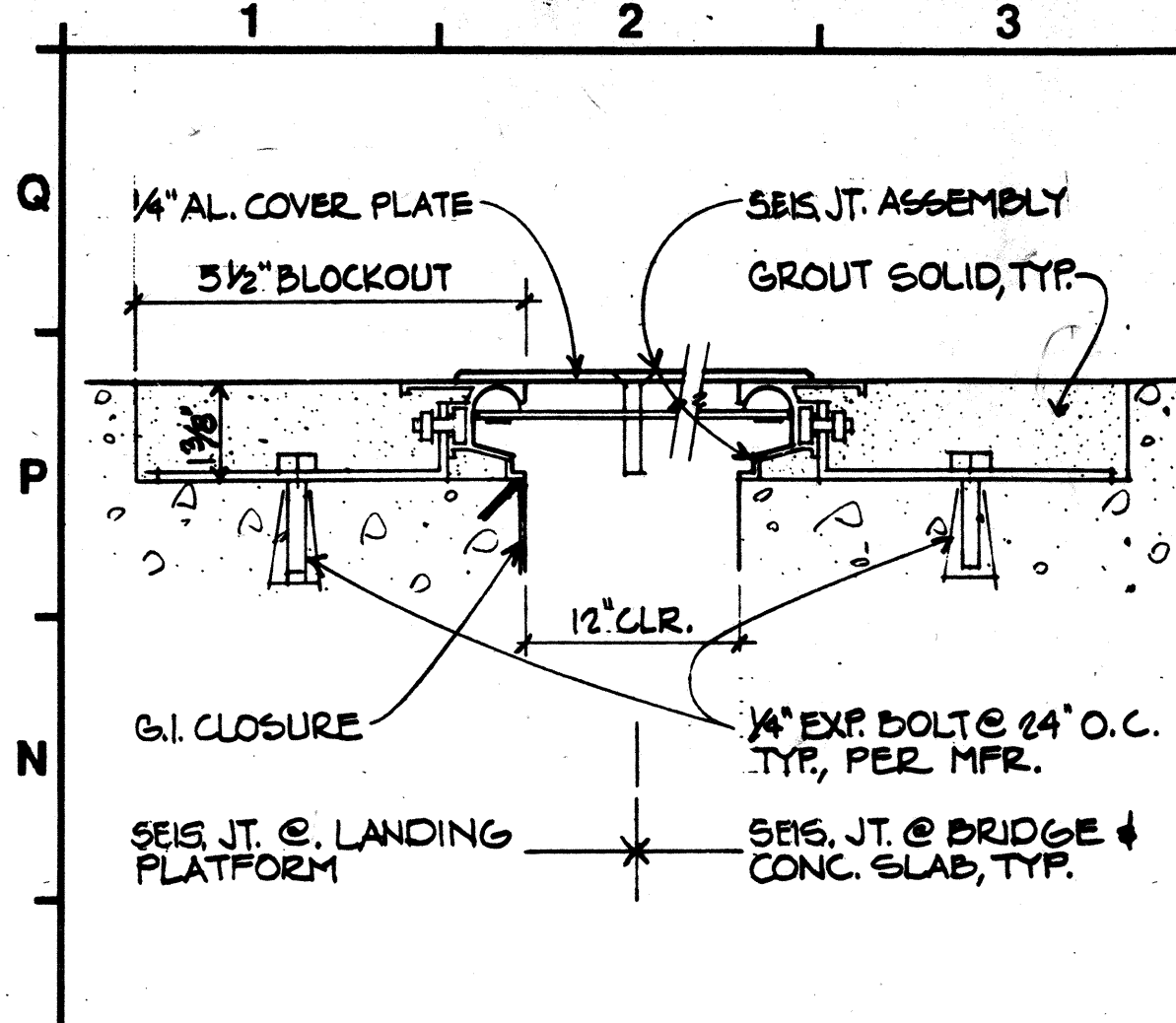
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APPL. NO.: 59314 SHEET: 7-C1

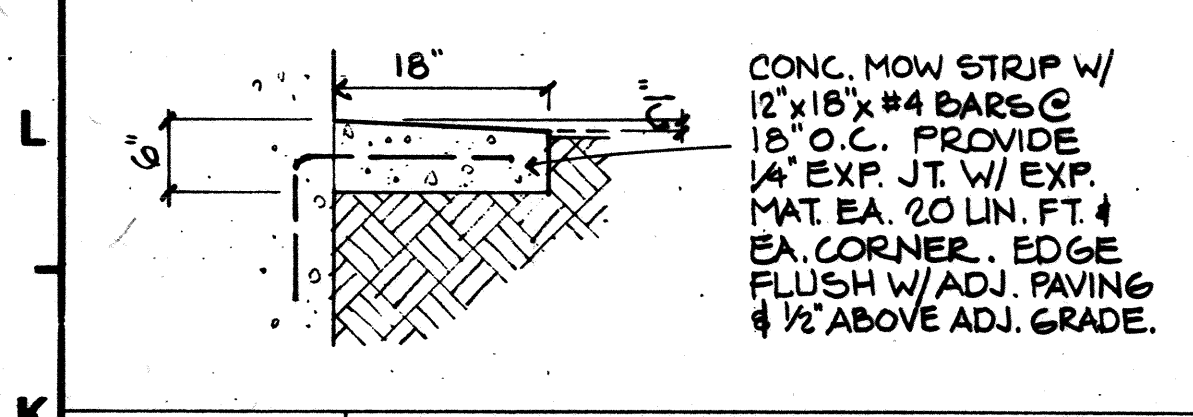
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FORM NO. CC-101 JANUARY 1992

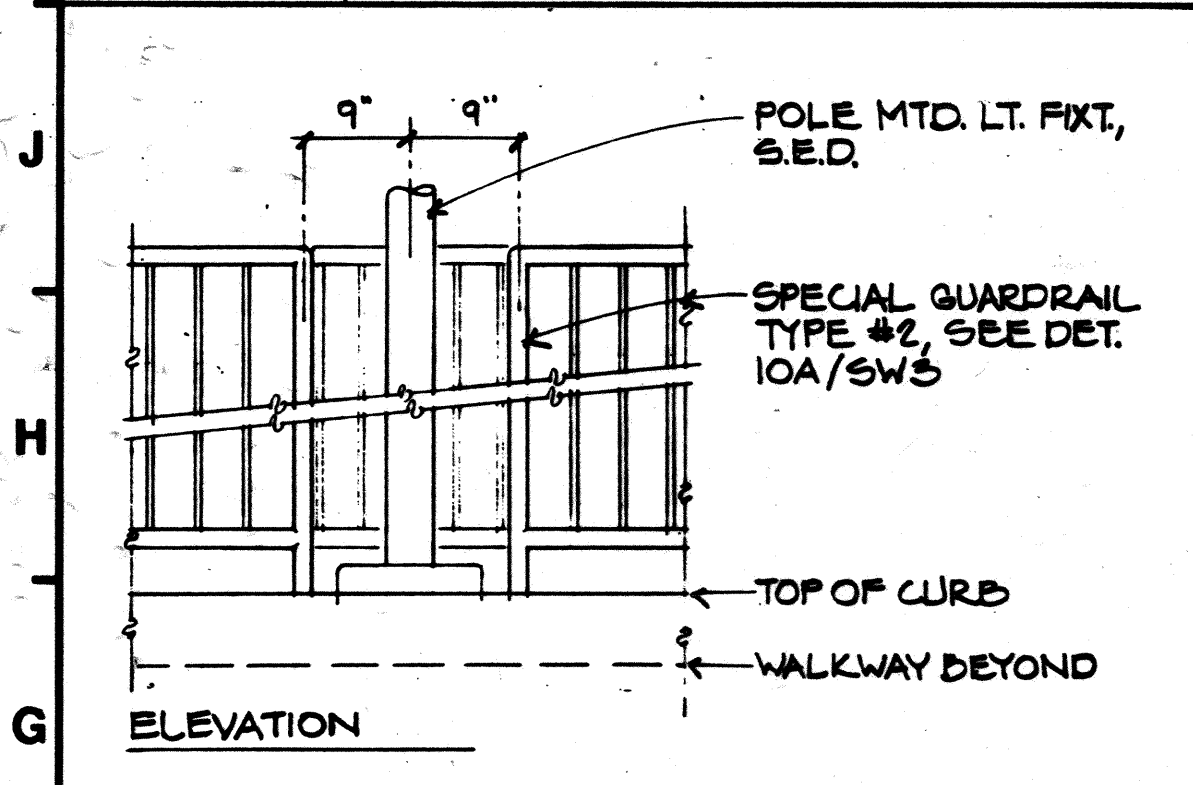




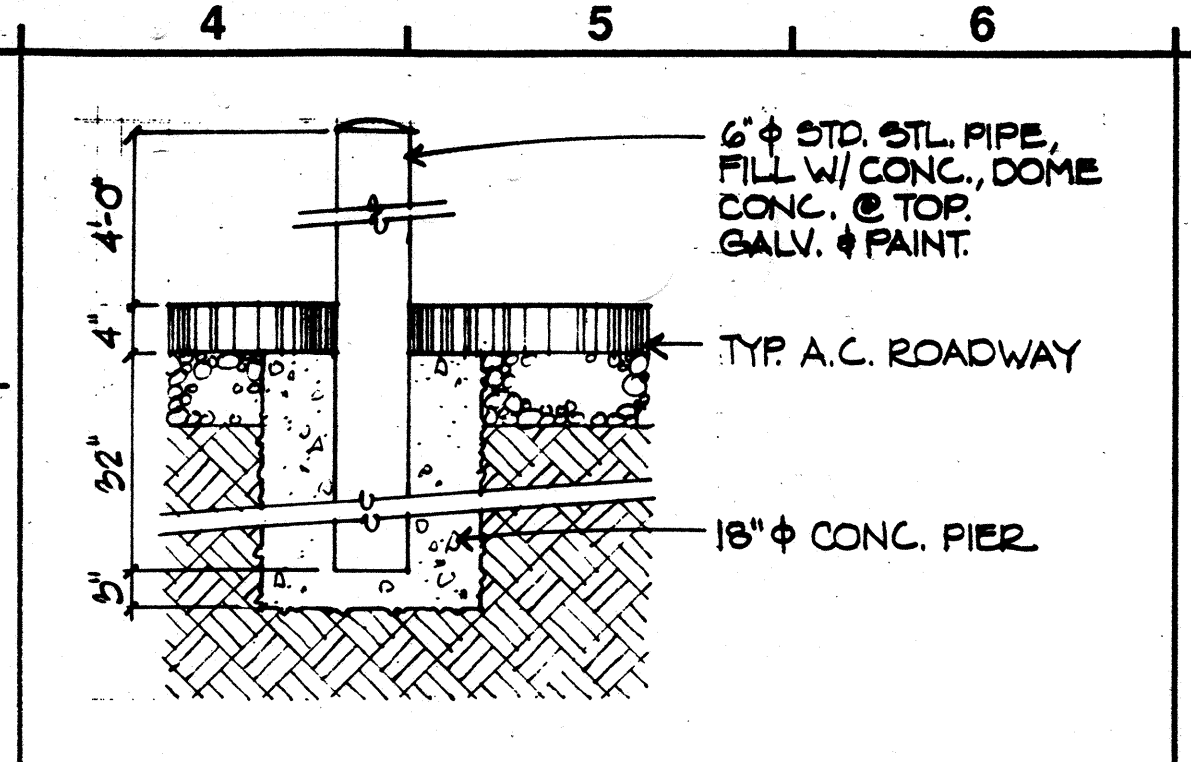
**1M** SEISMIC JOINT  
NOT TO SCALE



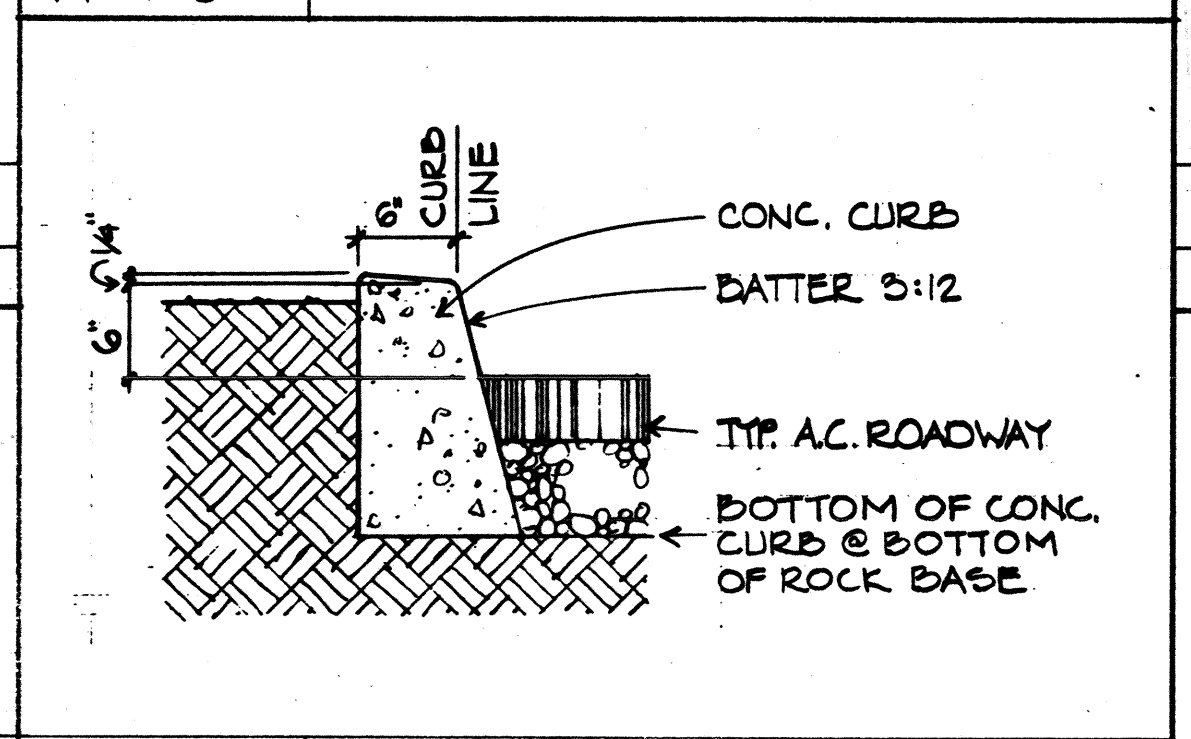
**1K** MOW STRIP  
3/4" = 1'-0"



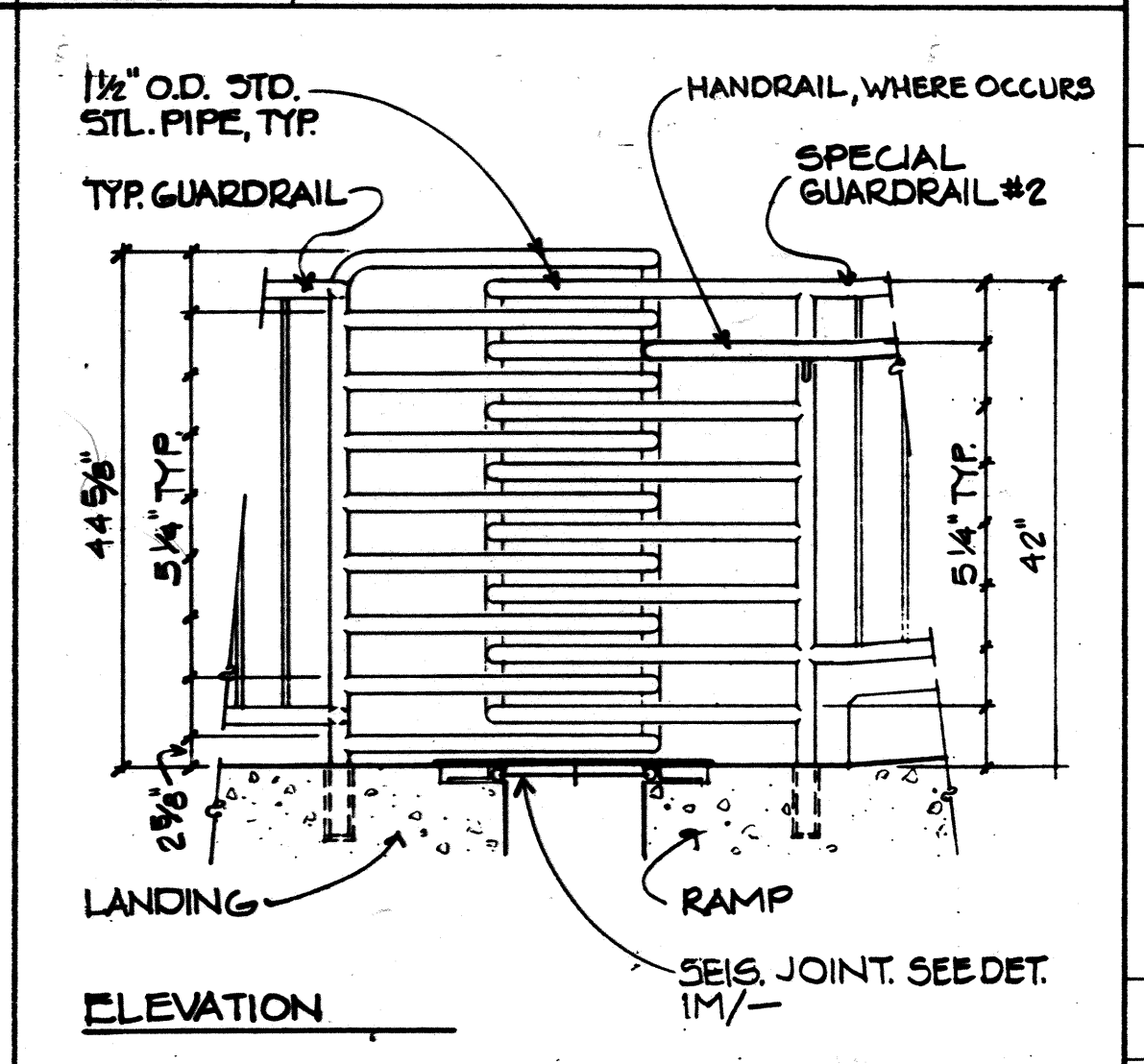
**1E** GUARDRAIL @ LIGHT POLE  
3/4" = 1'-0"



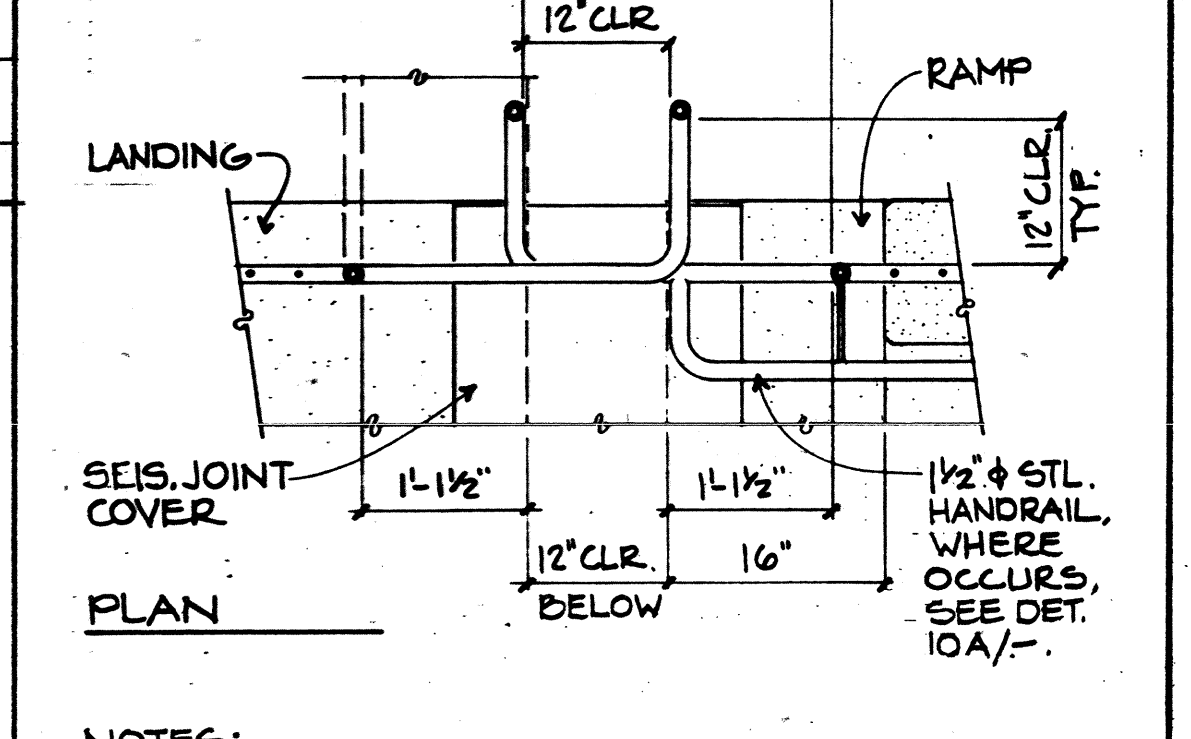
**4N** BOLLARD  
3/4" = 1'-0"



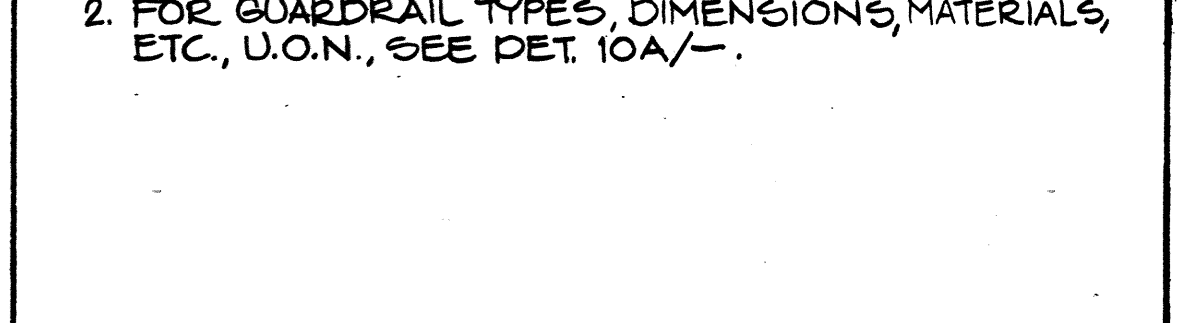
**4K** CONC. CURB  
1" = 1'-0"



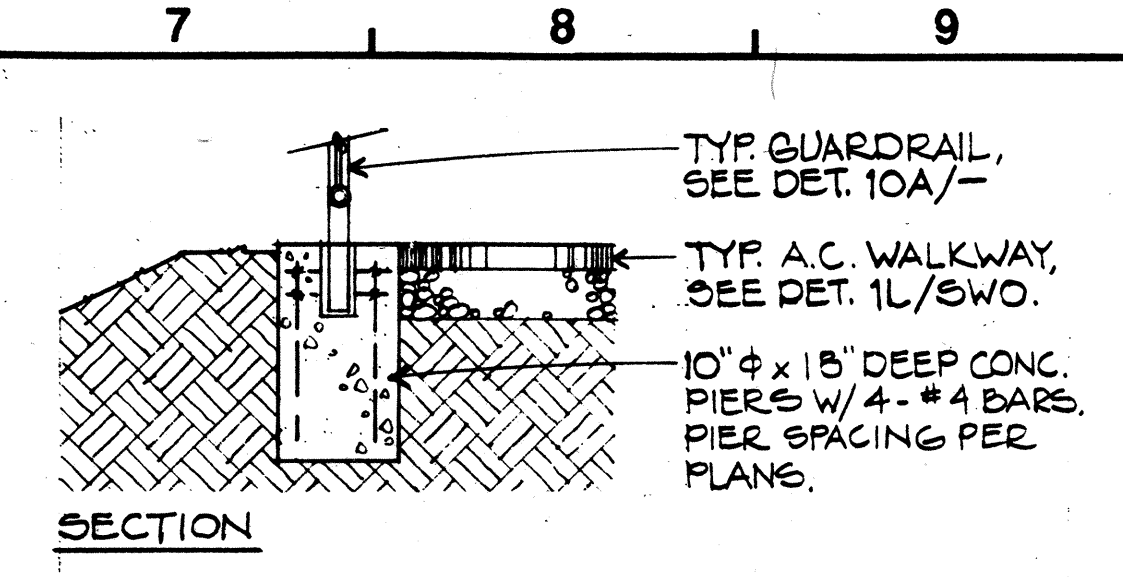
**7J** CONC. CURB/GUTTER  
1" = 1'-0"



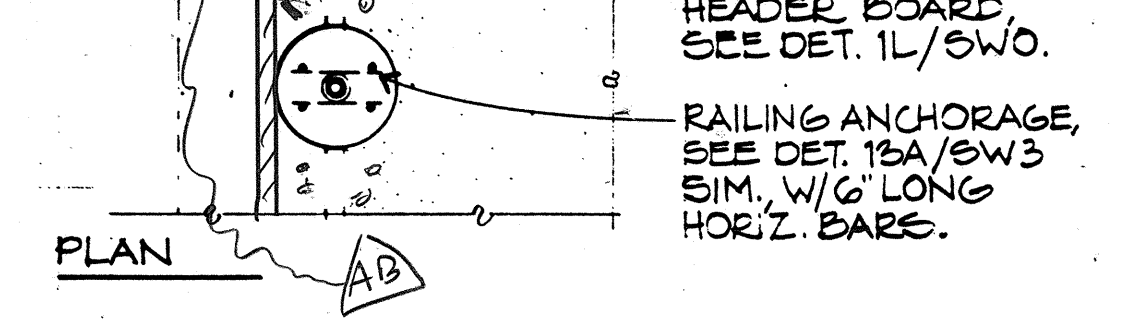
**7F** ASPHALT CONCRETE CURB  
1" = 1'-0"



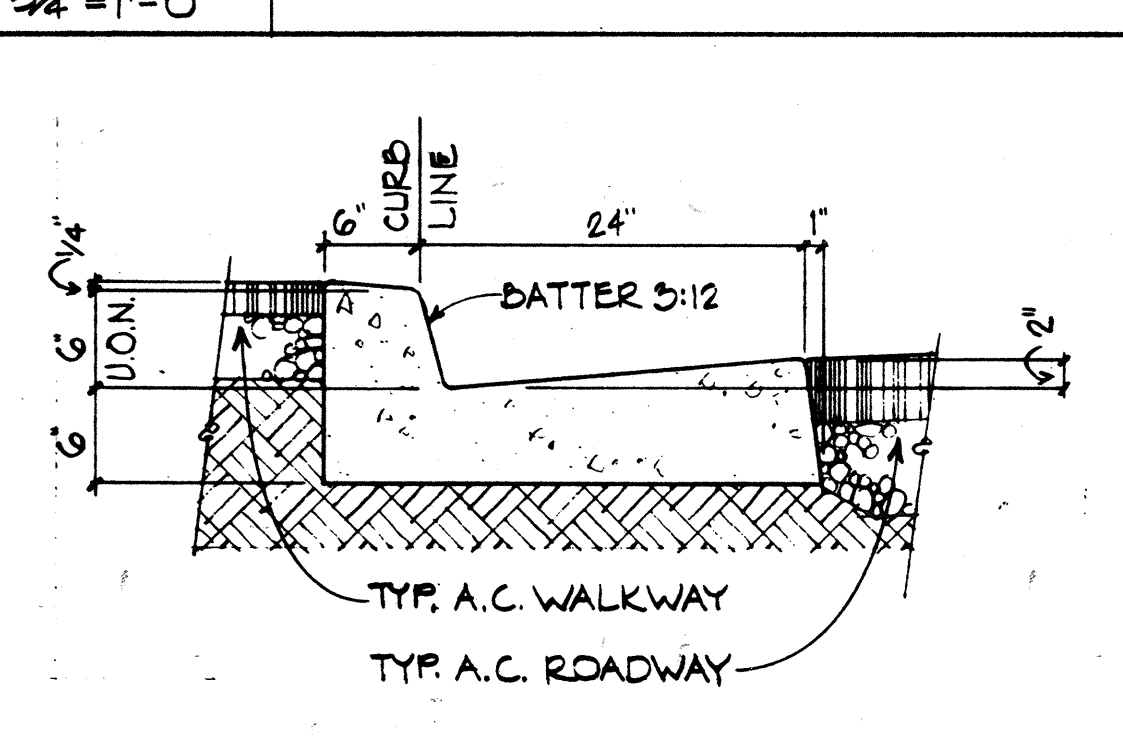
**4A** GUARDRAIL @ SEISMIC JOINT  
3/4" = 1'-0"



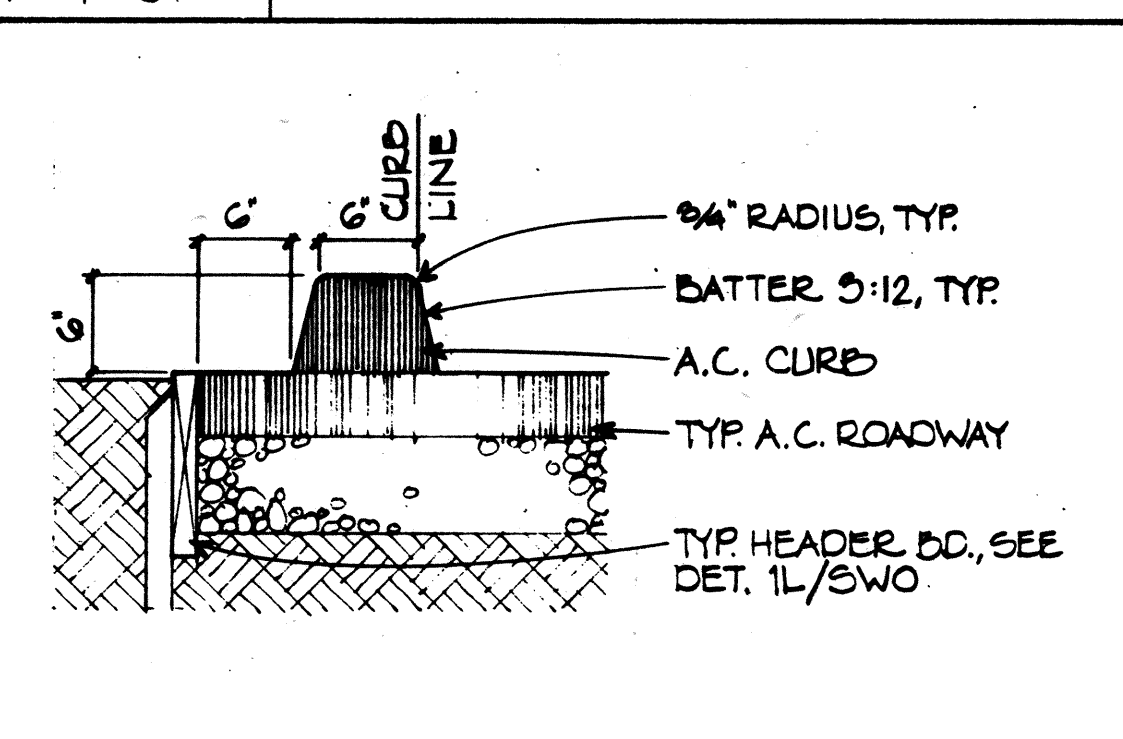
**7M** GUARDRAIL FOOTING  
3/4" = 1'-0"



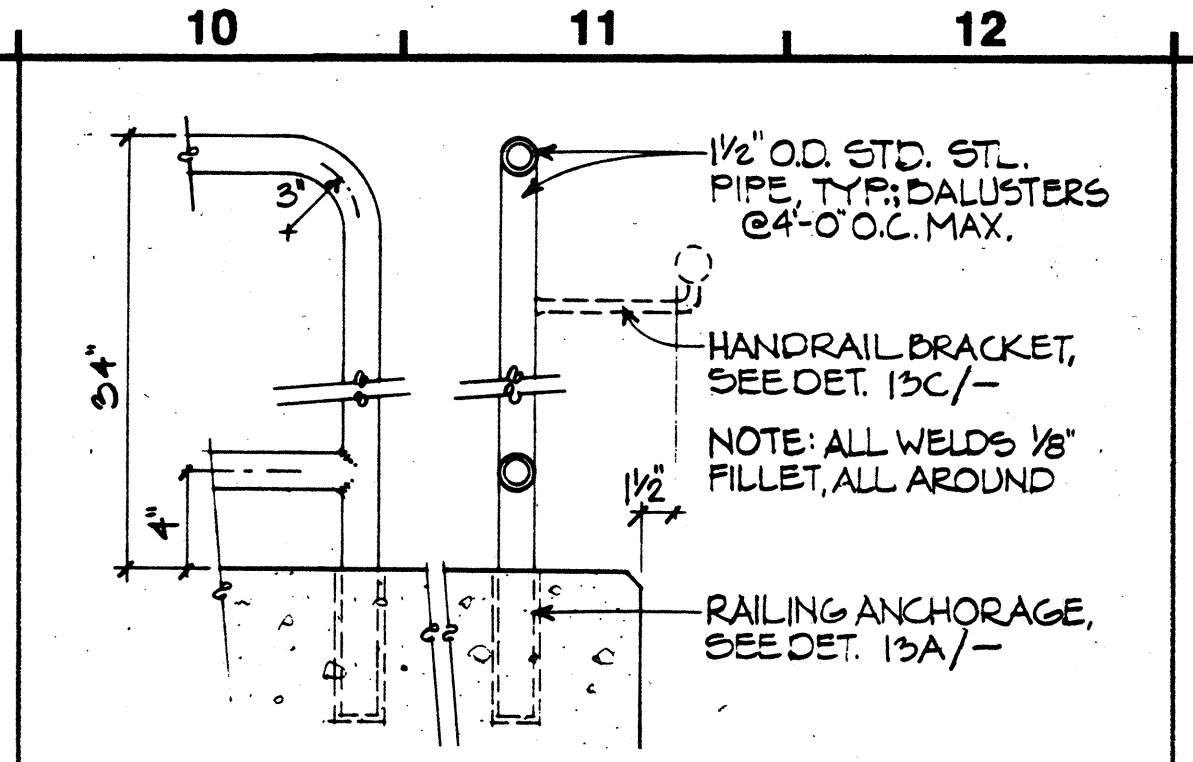
**7J** CONC. CURB/GUTTER  
1" = 1'-0"



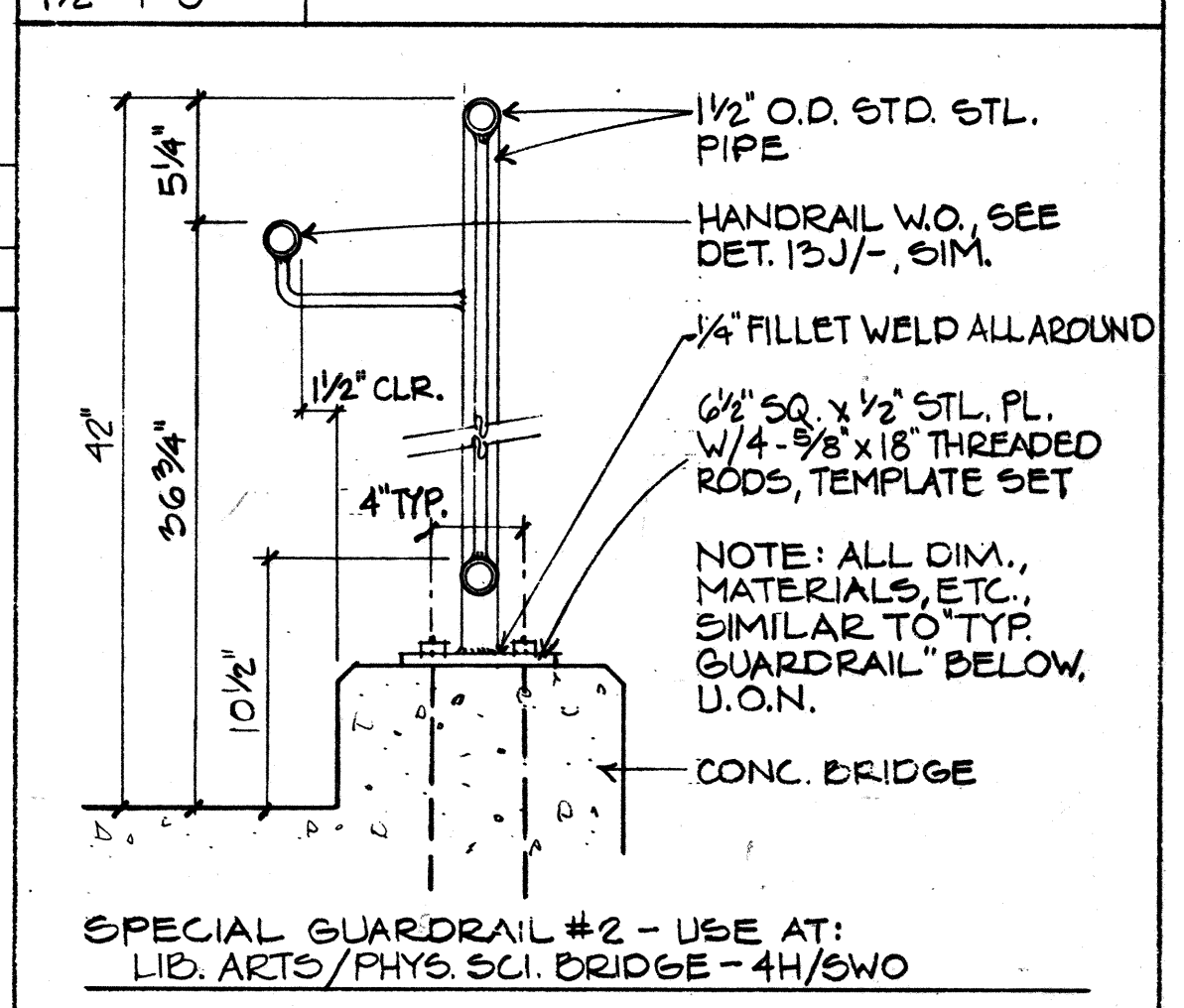
**7F** ASPHALT CONCRETE CURB  
1" = 1'-0"



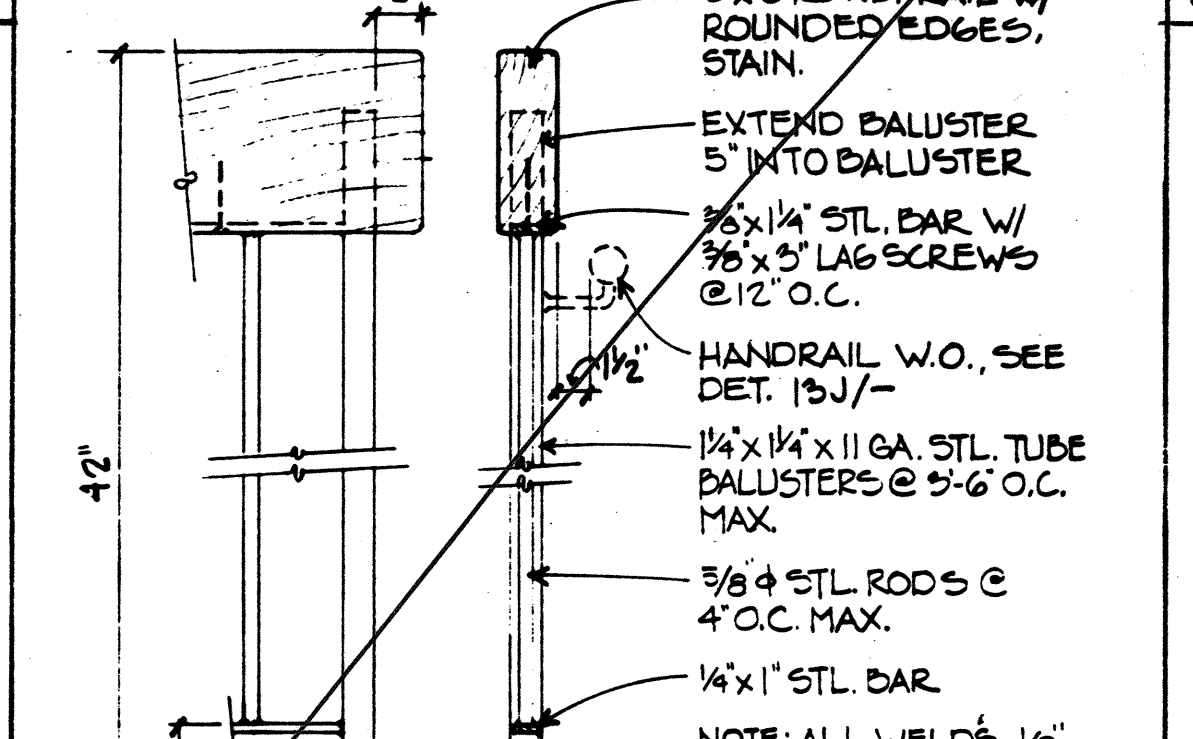
**7A** ENCLOSURE WALL UNDER EXT. STAIR  
1 1/2" = 1'-0"



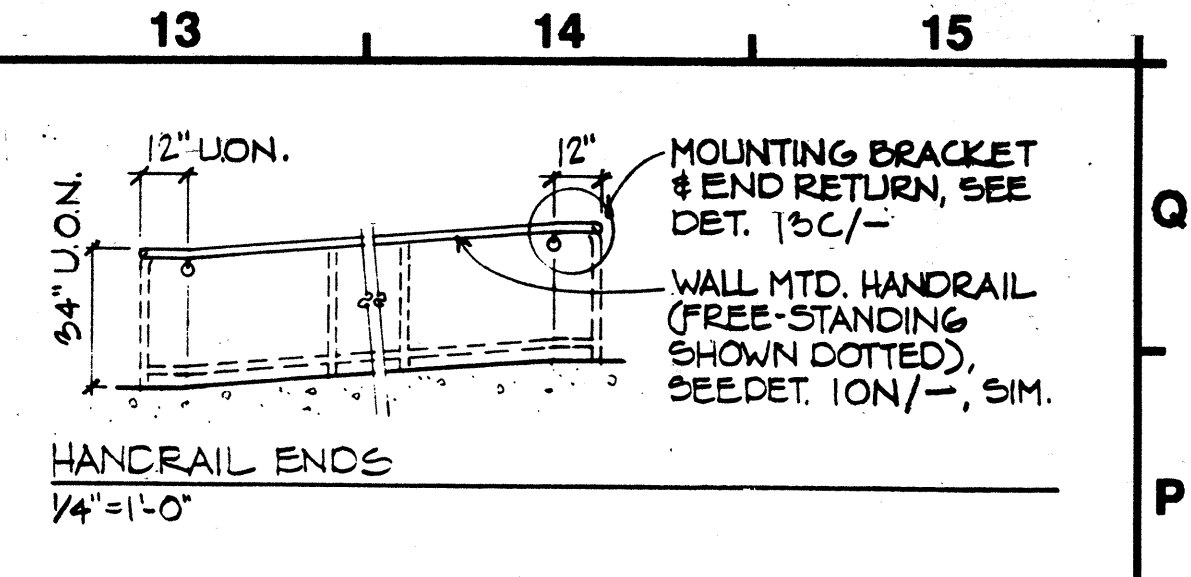
**10N** HANDRAIL  
1 1/2" = 1'-0"



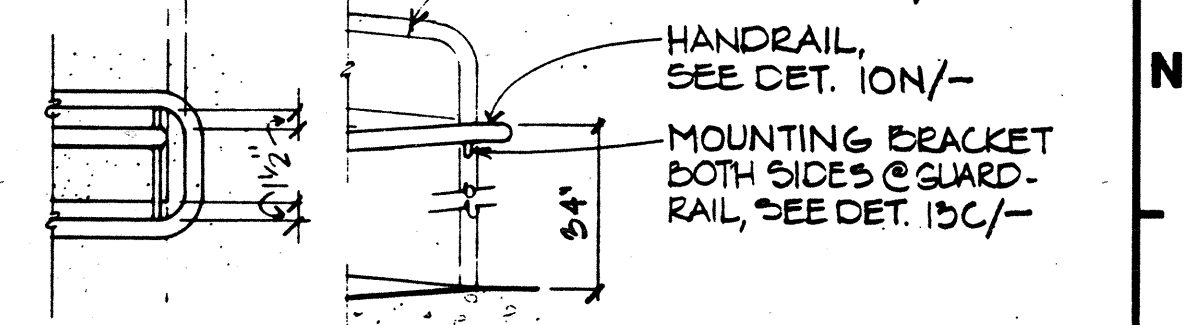
**13J** TYP. HANDRAIL ELEVATIONS  
SCALE SHOWN



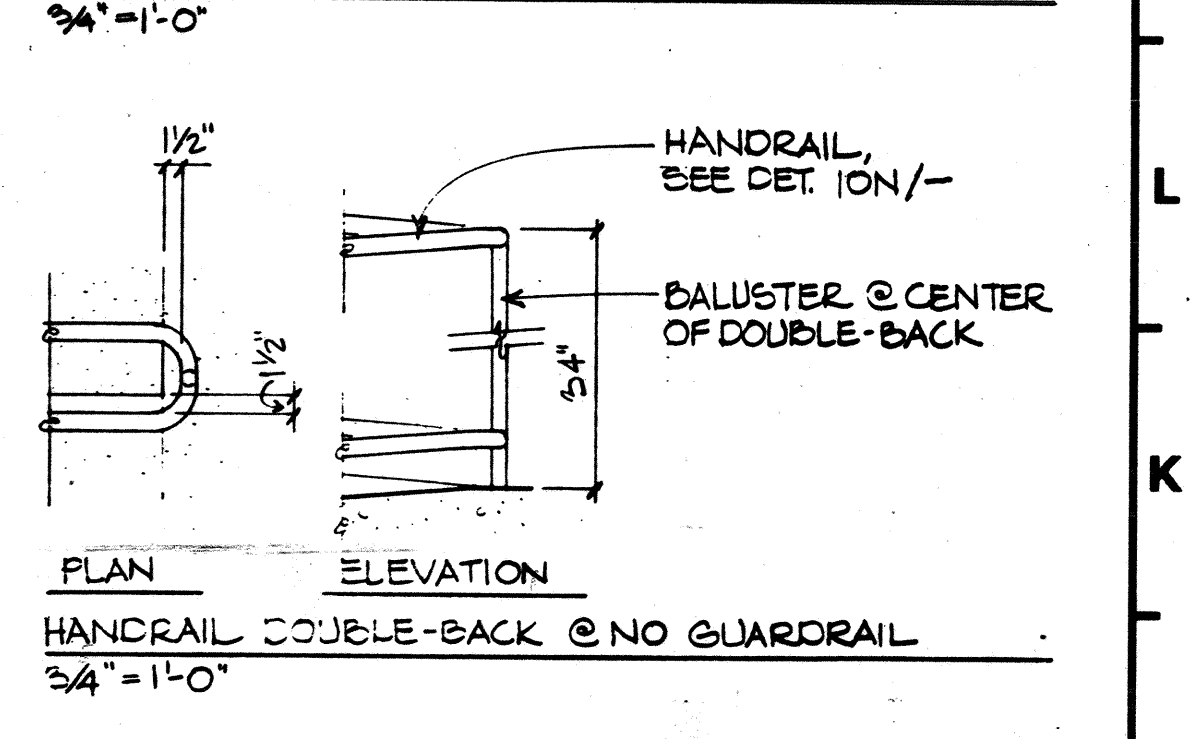
**10A** GUARDRAIL  
1 1/2" = 1'-0"



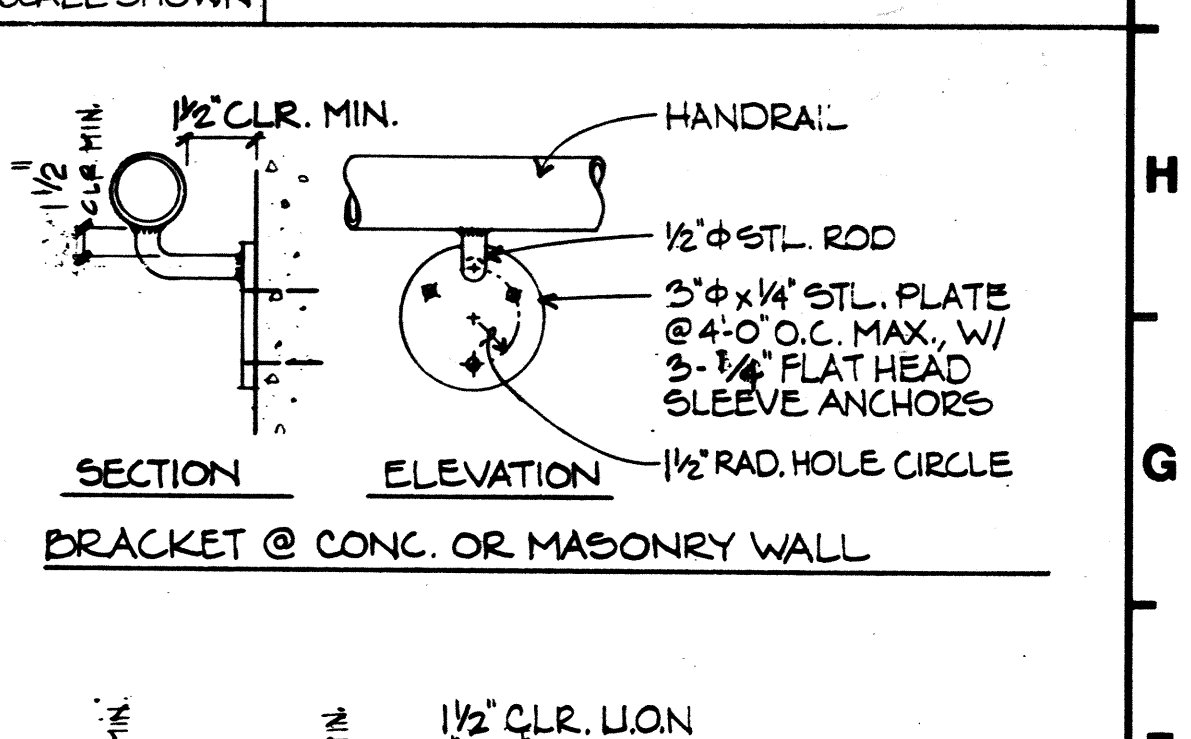
**13A** RAILING ANCHORAGE  
1 1/2" = 1'-0"



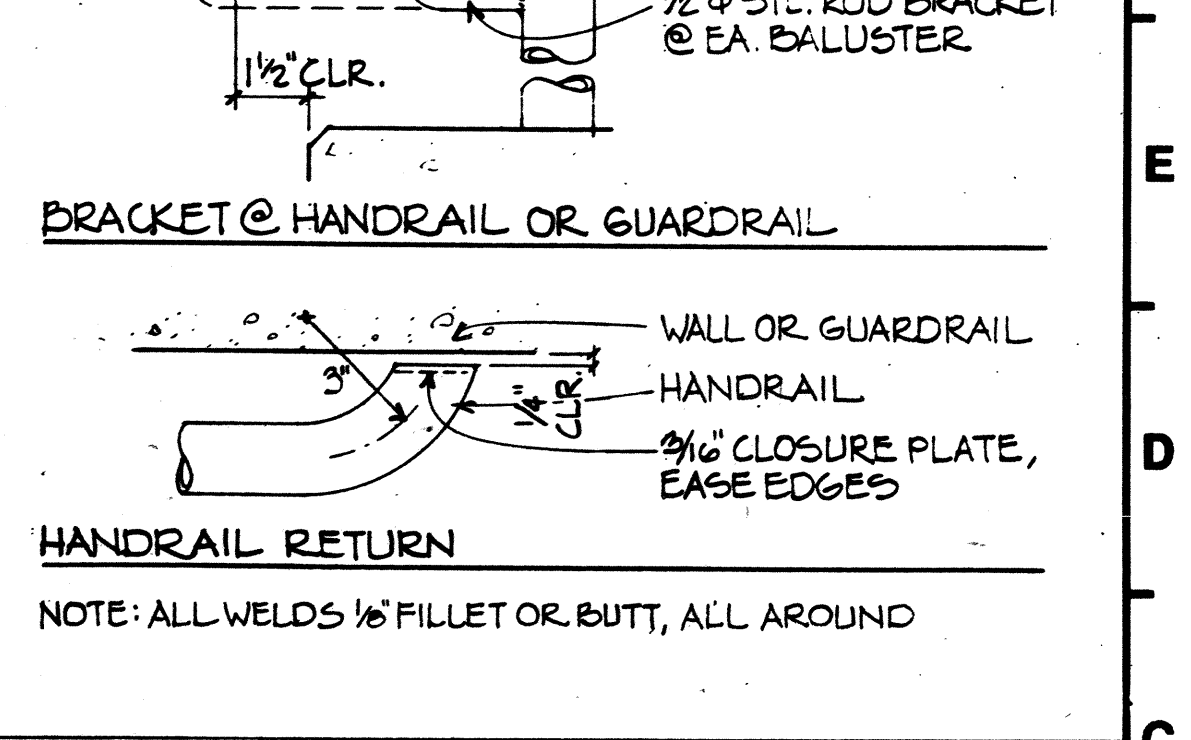
**13J** TYP. HANDRAIL ELEVATIONS  
SCALE SHOWN



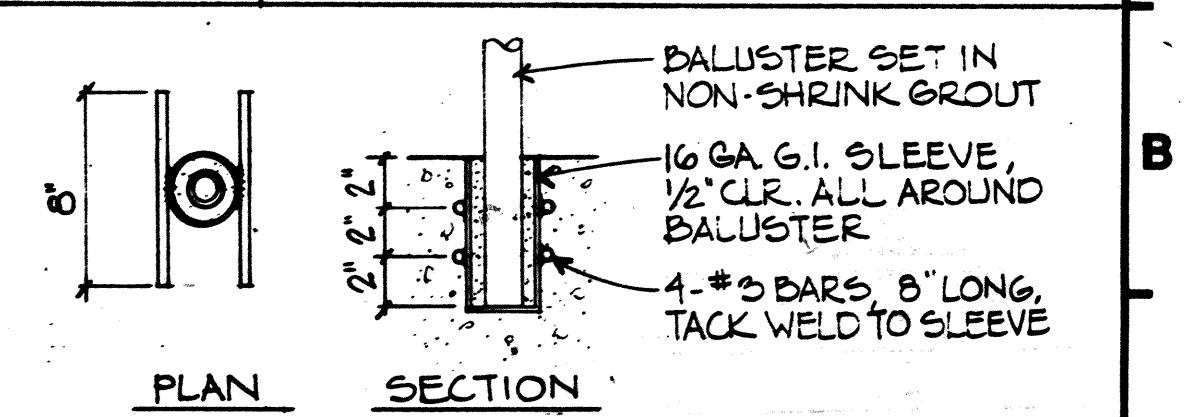
**13C** BRACKET DETAILS  
3" = 1'-0"



**13A** RAILING ANCHORAGE  
1 1/2" = 1'-0"



**13J** TYP. HANDRAIL ELEVATIONS  
SCALE SHOWN



**13C** BRACKET DETAILS  
3" = 1'-0"

COMETTA / CIANFICHI

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES  
APPL. 59314  
AC: FLS: 01-88: CEC  
DATE: MAR. 28 1994  
INCREMENT 2

CONSULTANT:  
AS BUILT 11/10/95  
JAY GEE - S.A.C.A.R.C.

ARCHITECT:  
C/C  
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Telephone: (510) 232-2637  
Fax Number: (510) 232-7281

PROJECT:  
ARCHITECTURAL  
BARRIER REMOVAL  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

Contra Costa Community  
College District

STATUS:  
BID SET

REVISIONS: (A) indicates revisions made to this sheet.  
NO. DATE NO. DATE  
3/22/94 INCREMENT 2

SHEET TITLE:  
Site Details

INCREMENT 2

DRAWN BY: PROJECT NO.:  
2657.89  
CHECKED BY: DATE:  
22 MARCH 1994  
APPL. NO.: 59314 7-C1 SHEET:  
DATA NO. SW3

FORM NO. CC-101 JANUARY 1992



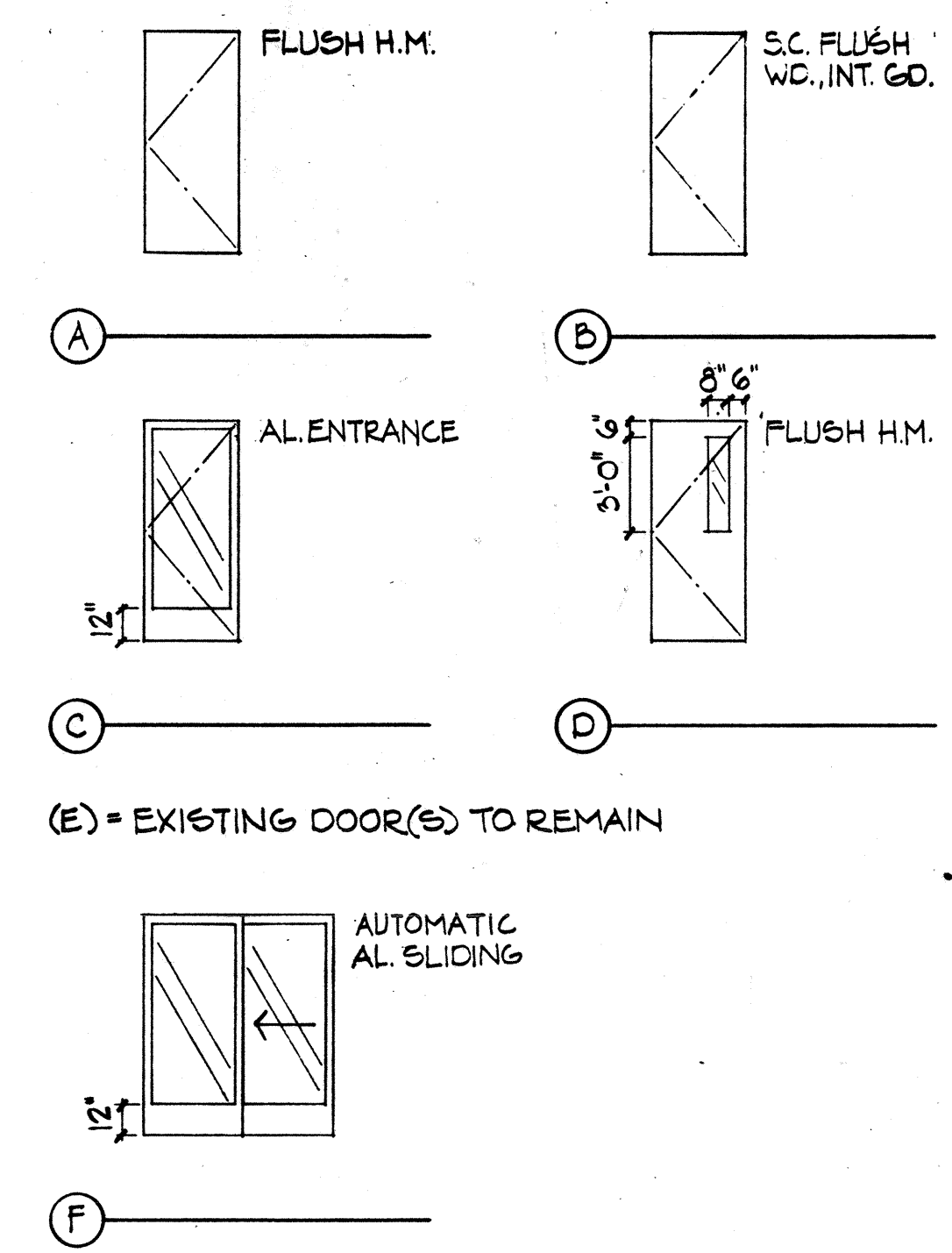
### PROOF TESTS FOR EXPANSION ANCHORS

Reference IR 26-G (9/89)

TEST VALUES					
Hardrock or Lightweight Concrete					
ANCHOR	WEDGE		SLEEVE		SHELL
DIA. (in)	LOAD (lbs)	TORQUE (ft-lbs)	LOAD (lbs)	TORQUE (ft-lbs)	LOAD (lbs)
1/4	800	10	400	4	1000
5/16	-	-	400	5	1400
3/8	1100	25	700	10	1800
1/2	2000	50	900	20	2700
5/8	2300	80	1100	45	3700
3/4	3700	150	1400	90	5400
1	5800	250	-	-	-

- NOTES**
- Anchor diameter refers to the thread size for the WEDGE & SLEEVE categories and to the anchor outside diameter for the SHELL category.
  - Apply proof test loads to WEDGE & SLEEVE anchors without removing the nut if possible. If not, remove nut & install a threaded coupler to the same tightness of the original nut using a torque wrench & apply load.
  - For SLEEVE/SHELL internally threaded categories, verify that the anchor is not prevented from withdrawing by a baseplate or other fixtures. If restraint is found, loosen and shim or remove fixture(s) prior to testing.
  - Reaction loads from test fixtures may be applied close to the anchor being tested, provided the anchor is not restrained from withdrawing by the fixture(s).
  - SHELL type anchors should be tested as follows:  
  
Visually inspect 25% for full expansion as evidenced by the location of the expansion plug in the anchor body. Plug location of a fully expanded anchor should be as recommended by the manufacturer, or, in the absence of such recommendation, as determined on the job site following the manufacturer's installation instructions.  
and:  
Proof load 5% as indicated in the table above, but not less than three anchors per day for each different person or crew installing anchors, or:  
Test 50% of the installed anchors per 2624(d).
  - Test equipment is to be calibrated by an approved testing laboratory in accordance with standard recognized procedures.
  - Torque test values for SHELL type anchors are omitted due to a lack of data. Torque testing can occur on an individual basis when test procedures are submitted and approved by the enforcement agency. Tabulated values may be forthcoming once the enforcement agency has more data to evaluate the feasibility of standard torque values.
  - The following criteria apply for the acceptance of installed anchors:  
  
**HYDRAULIC RAM METHOD:** The anchor should have no observable movement at the applicable test load. For wedge and sleeve type anchors, a practical way to determine observable movement is that the washer under the nut becomes loose.  
  
**TORQUE WRENCH METHOD:** The applicable test torque must be reached within the following limits:  
Wedge or Sleeve type: One-half (1/2) turn of the nut.  
One-quarter (1/4) turn of the nut for the 3/8 in. sleeve anchor only.
  - Testing should occur 24 hours minimum after installation of the subject anchors.

### DOOR TYPES



### GLASS TYPES

- A 1/4" TEMPERED, CLEAR
- B 1/4" TEMPERED, BRONZE
- C 1/4" WIRE, CLEAR

### DOOR SCHEDULE

DOOR MARK NO.	DRAWING OPENING SIZE	DOOR TYPE	HDWR. GRP.	FIRE RATING	FRAME	FRAME DETAILS	SILL DETAILS	GLASS TYPE	REMARKS
HUMANITIES BUILDING									
3	5A / A1.0	2-38x92	A	1	N	(E) STL.	Deleter	-	1
4	5J / A2.1	38x68	B	2	20 MIN.	STL.	11F/A3.4	-	-
STUDENT ASSOCIATION BUILDING									
11	9A / A1.0	2-38x72	C	1	N	(E) AL.	-	A	1
MUSIC BUILDING									
21	1L / A1.0	2-38x72	C	1	N	(E) AL.	-	A	1
22	1L / A1.0	2-38x72	C	1	N	(E) AL.	-	A	1
ART BUILDING									
31	4G / A1.0	38x72	C	1	N	(E) AL.	-	A	1
33	4G / A1.0	2-38x72	C	1	N	(E) AL.	-	A	1
BIOLOGICAL SCIENCE BUILDING									
41	9L / A1.1	2-38x82	C	1	N	(E) AL.	-	A	1
42	9L / A1.1	2-38x82	C	1	N	(E) AL.	-	A	1
APPLIED ARTS AND ADMINISTRATION BUILDING									
51	9A / A1.1	38x72	(E)	4	20 MIN.	(E) STL.	-	-	2
52	9A / A1.1	38x72	(E)	4	20 MIN.	(E) STL.	-	-	2
53	9A / A1.1	38x72	(E)	4	20 MIN.	(E) STL.	-	-	2
LIBERAL ARTS BUILDING									
61	11A/A3.2	98x72	F	3	N	AL	5F-A3.4	1F-A3.4	A
62	5A/A1.1	2-38x70	C	1	N	-	-	-	-
PHYSICAL SCIENCE BUILDING									
71	5A / A1.1	2-38x72	C	1	N	(E) AL.	-	B	1
72	5A / A1.1	2-38x72	D	1	1 1/2 HR.	(E) STL.	Deleter operator	C	1
73	5A / A1.1	2-28x72	C	1	N	(E) AL.	-	B	1
75	5A / A1.1	2-38x70	C	1	-	-	-	-	-
LIBRARY BUILDING									
81	1F / A1.1	2-38x82	C	1	N	(E) AL.	-	C	1
82	1F / A1.1	2-38x82	C	1	N	(E) AL.	-	A	1
83	11A / A2.0	38x72	B	5	N	STL.	11A-A3.4	-	-
84	11A / A2.0	38x72	B	5	N	STL.	11A-A3.4	Deleter	-
GYMNASIUM									
92	9K / A1.2	2-38x72	A	6	N	(E) STL.	-	5L/A3.4	1
PERFORMING ARTS CENTER									
101	9A / A1.2	2-38x72	C	1	N	(E) AL.	-	B	1
PHYSICAL EDUCATION BUILDING									
111	5K / A1.2	2-38x72	A	1	N	(E) STL.	-	-	1
112	5K / A1.2	2-38x72	A	1	N	(E) STL.	-	-	1
113	1H / A2.2	38x72	B	2	20 MIN.	STL.	11L/A3.4	-	AB Existing
114	1H / A2.2	38x72	B	2	20 MIN.	STL.	11L/A3.4	-	AB Existing

- REMARKS**
- FIELD MEASURE EXISTING FRAME OPENING AT NEW DOOR.
  - @ (E) DOORS FILL HOLES FROM REMOVED (E) HARDWARE W/ S.S. SEX BOLTS (TYP.)

### LEGEND

- WALLS**
- (E) TO REMAIN
  - (E) TO BE REMOVED
  - (N) NON-RATED
  - (N) 1 HR. RATED
  - (N) 2 HR. RATED
- MATERIALS**
- CONT. WOOD MEMBER
  - WOOD BLOCKING
  - FINISH WOOD
- SYMBOLS**
- ELEVATIONS
  - DRAWING GRID NO.
  - VIEW NO.
  - SHEET NO.
  - VIEW NO.
  - SECTION
  - DRAWING GRID NO.
  - SHEET NO.
  - DRAWING CONTINUATION
  - DRAWING GRID NO.
  - SHEET NO.
  - DETAIL
  - DRAWING GRID NO.
  - SHEET NO.
  - DETAIL (ALTERNATE)
  - DRAWING GRID NO.
  - DETAIL LETTER
  - SHEET NO.
  - COLUMN LINES
  - ROOM DESIGNATION
  - ROOM NAME
  - ROOM NO.
  - CLG. HT. (OPTIONAL)
  - DOOR MARK
  - KEY NOTES

COMETTA / CIANFICHI

APPROVED  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES

AC F/L/S. SS CK

APPL. NO. 59314 DATE MAR 20, 1995  
APPENDUM 1

PROJECT NO.  
**2657.89**

DATE  
**2/17/93**

SHEET  
**A0.0**

CONSULTANT:  
**AS BUILT 11/10/95**  
**SAUSAL**

ARCHITECT:  
**C/C**  
**COMETTA / CIANFICHI**  
ARCHITECTURE • PLANNING

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Telephone: (510) 232-2637  
Fax Number: (510) 232-7281

PROJECT:  
**ARCHITECTURAL  
BARRIER REMOVAL**  
**CONTRA COSTA COLLEGE**  
2600 Mission Bell Drive  
San Pablo, CA 94806

STATUS:  
**BID SET**

REVISIONS: (A) INDICATES REVISIONS MADE TO THIS SHEET

NO.	DATE	NO.	DATE
1	6/29/94		

APPENDUM NO. 1

SHEET TITLE:  
**Schedules, Legends, And  
Notes**

DRAWN BY:  
**7-C1**

CHECKED BY:  
**7-C1**

APPL. NO.:  
**59314**

DATA NO.:  
**7-C1**

PROJECT NO.:  
**2657.89**

DATE:  
**2/17/93**

SHEET:  
**A0.0**

CONSULTANT:  
**AS BUILT 11/10/95**  
**SAUSAL**

ARCHITECT:  
**C/C**  
**COMETTA / CIANFICHI**  
ARCHITECTURE • PLANNING

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Notes**

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**7-C1**

CHECKED BY:  
**7-C1**

APPL. NO.:  
**59314**

DATA NO.:  
**7-C1**

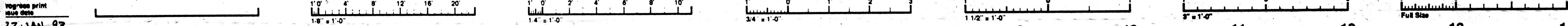
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**2657.89**

DATE:  
**2/17/93**

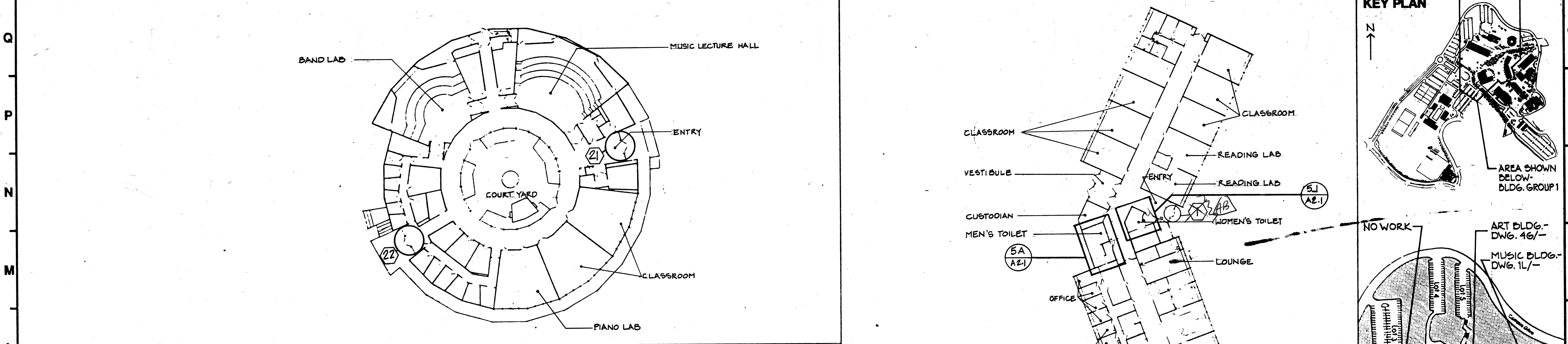
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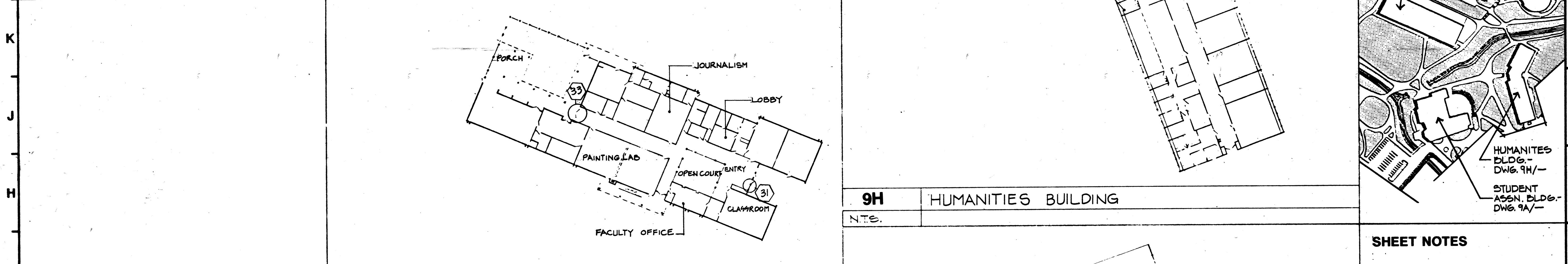
27 JAN 93  
4/14/93  
22 MAR 94



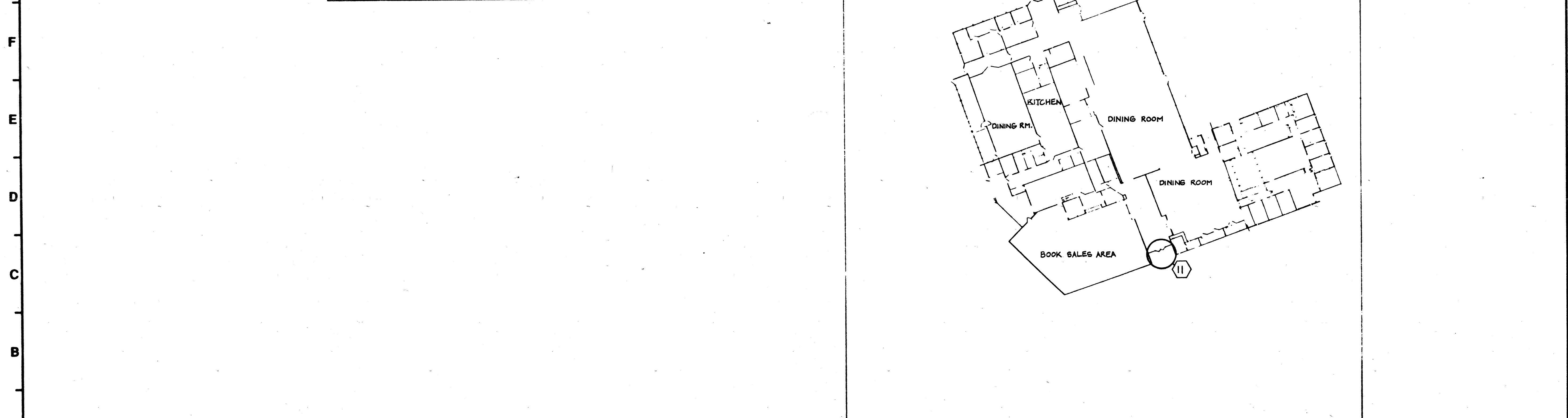
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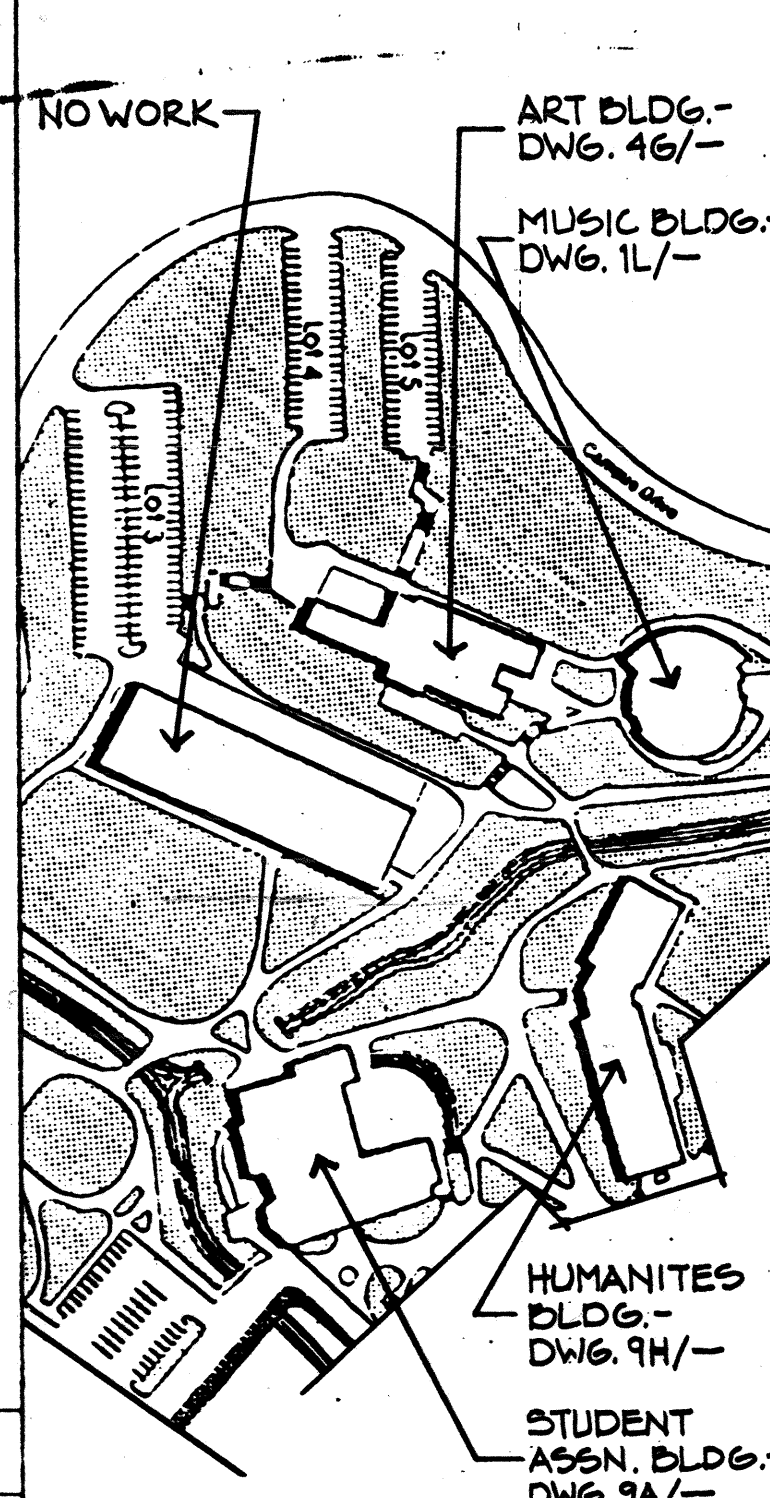
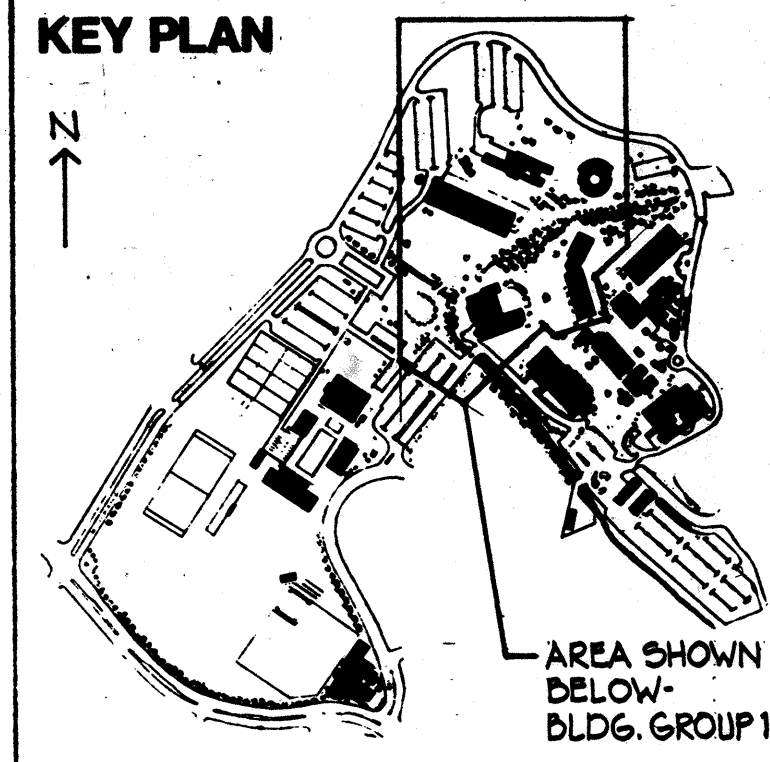
**1L** MUSIC BUILDING  
N.T.S.



**4G** ART BUILDING  
N.T.S.



**9A** STUDENT ASSOCIATION BUILDING  
N.T.S.



**SHEET NOTES**

COMETTA / CIANFICHI

APPROVAL OF ARCHITECT  
ARCHITECT'S CONFORMANCE SECTION  
59314 JUL 8 1993  
APPROVAL OF ARCHITECT  
ARCHITECT'S CONFORMANCE SECTION  
IDENTIFICATION  
Office of the State Architect  
AUG - 2 1993  
Structural Safety Section  
11/11/93

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**ARCHITECTURAL  
BARRIER REMOVAL**  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

CONTRA COSTA COMMUNITY  
COLLEGE DISTRICT

STATUS  
**BID SET**

REVISIONS: 

NO	DATE	NO	DATE

SHEET TITLE  
**Floor Plans -  
Bldg. Group 1**

DRAWN BY  
PROJECT NO  
**2657.89**

CHECKED BY  
DATE  
**2/17/93**

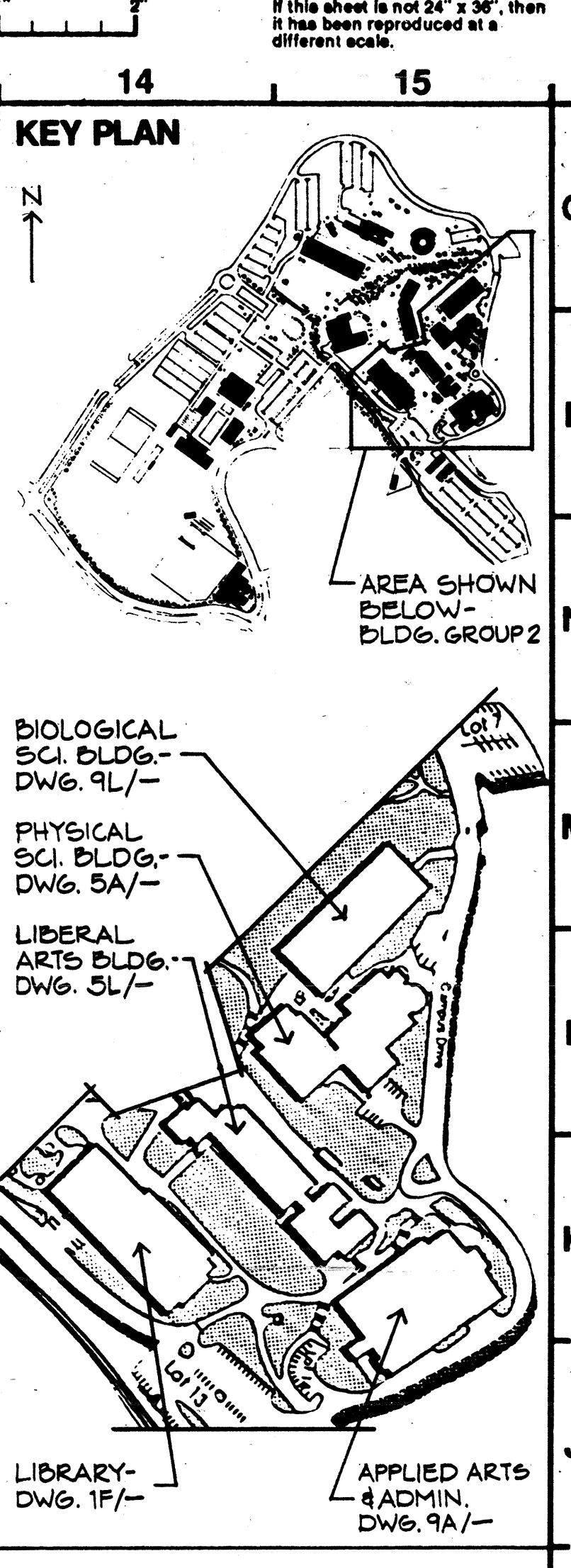
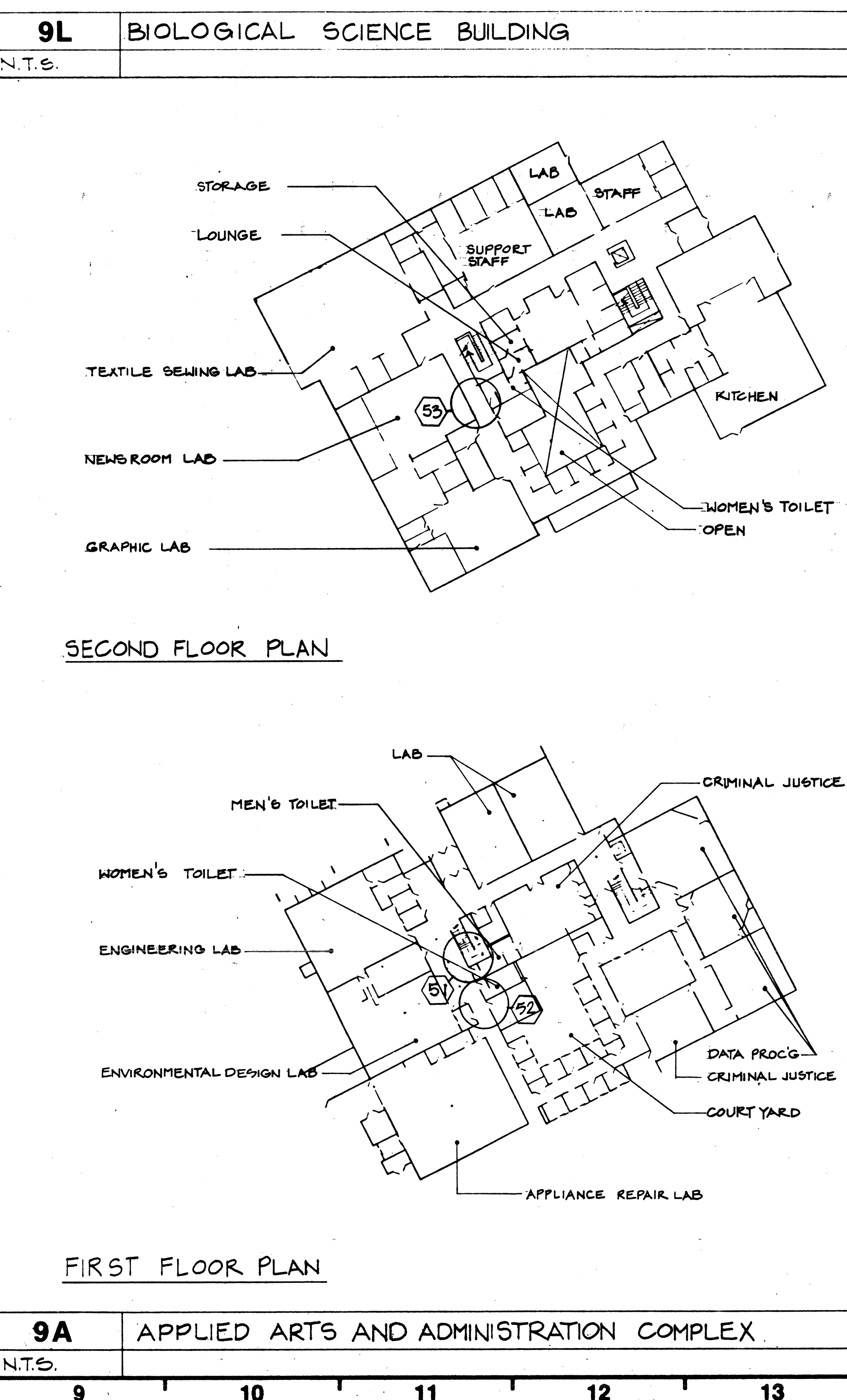
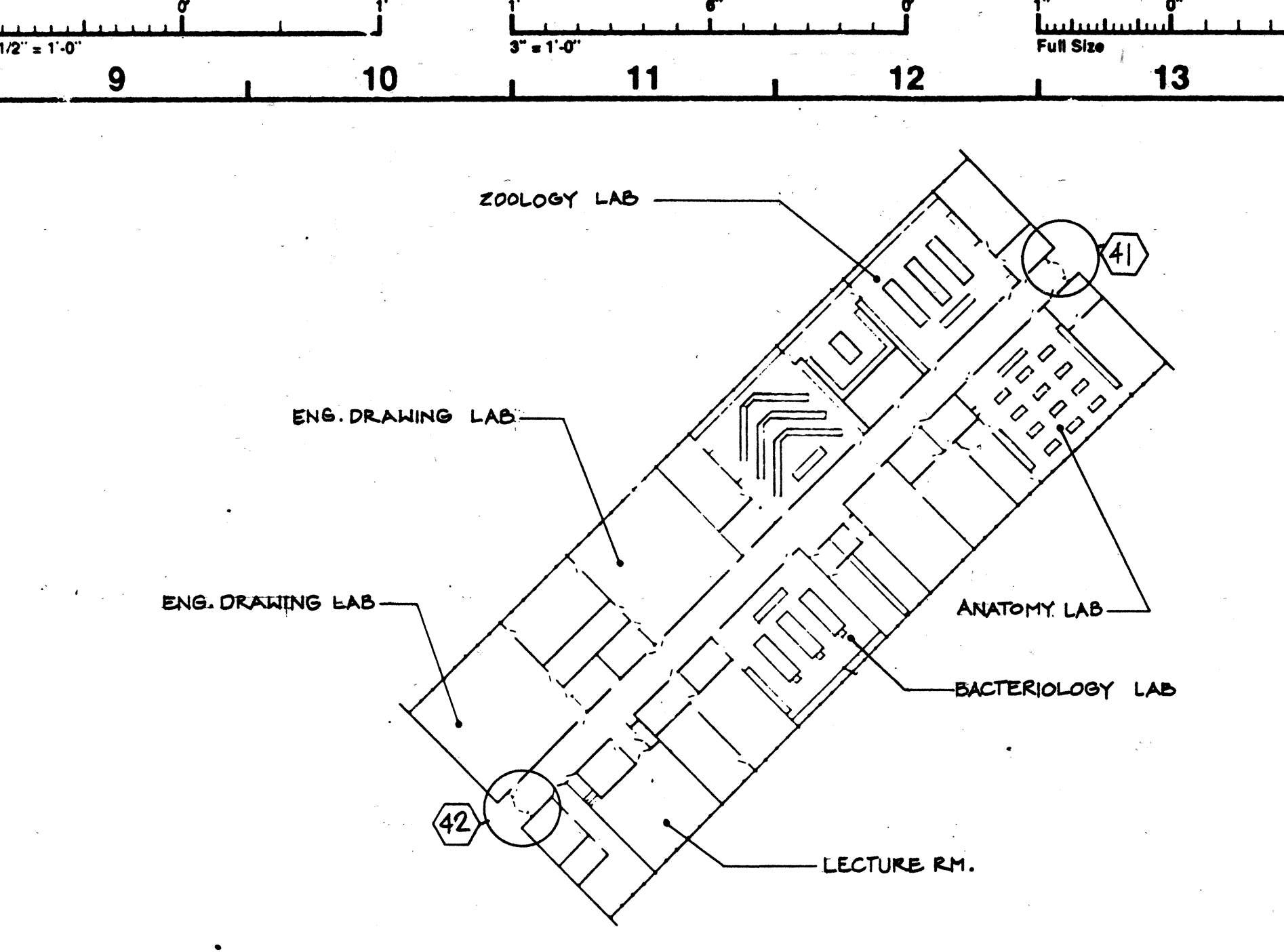
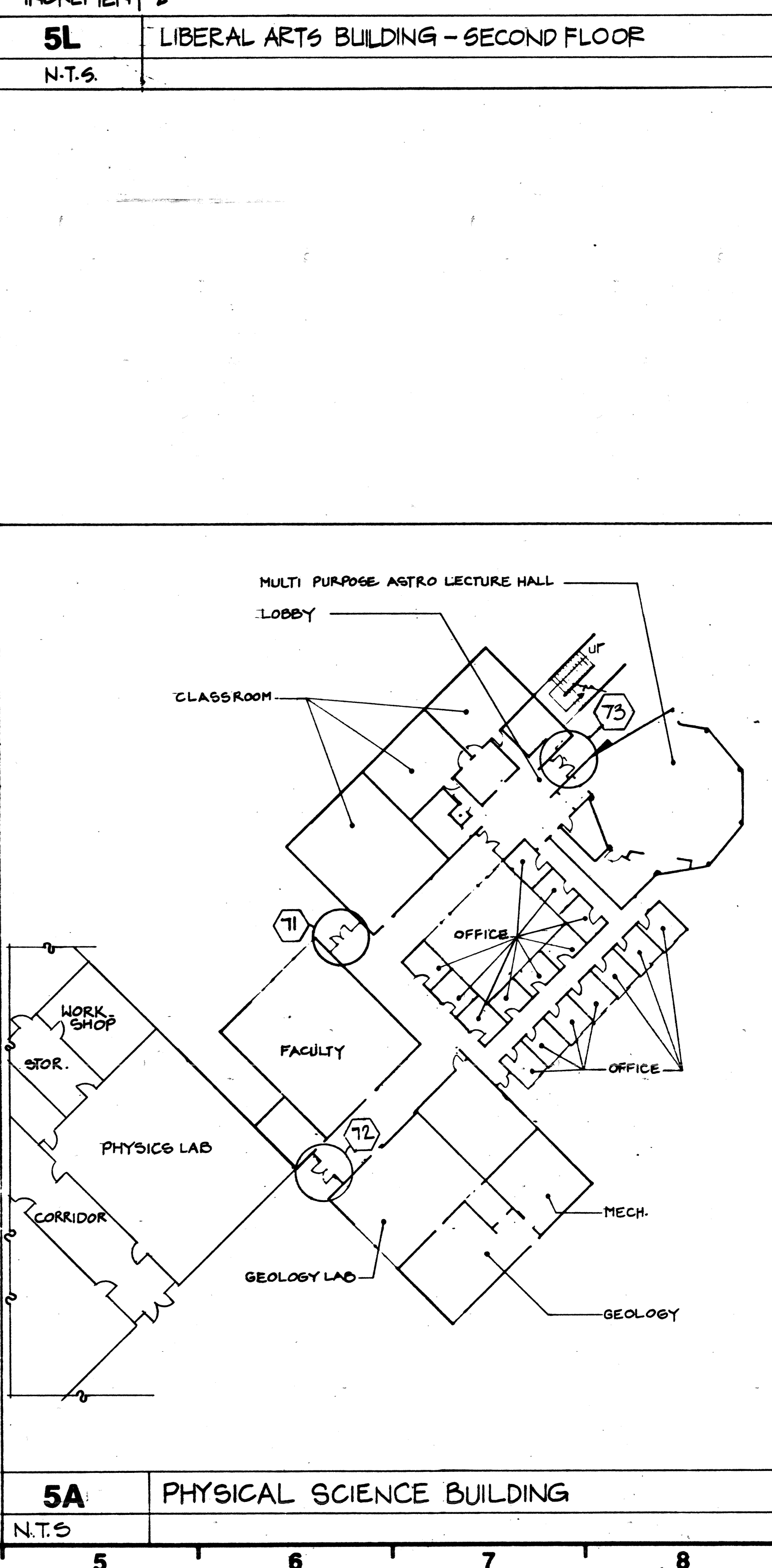
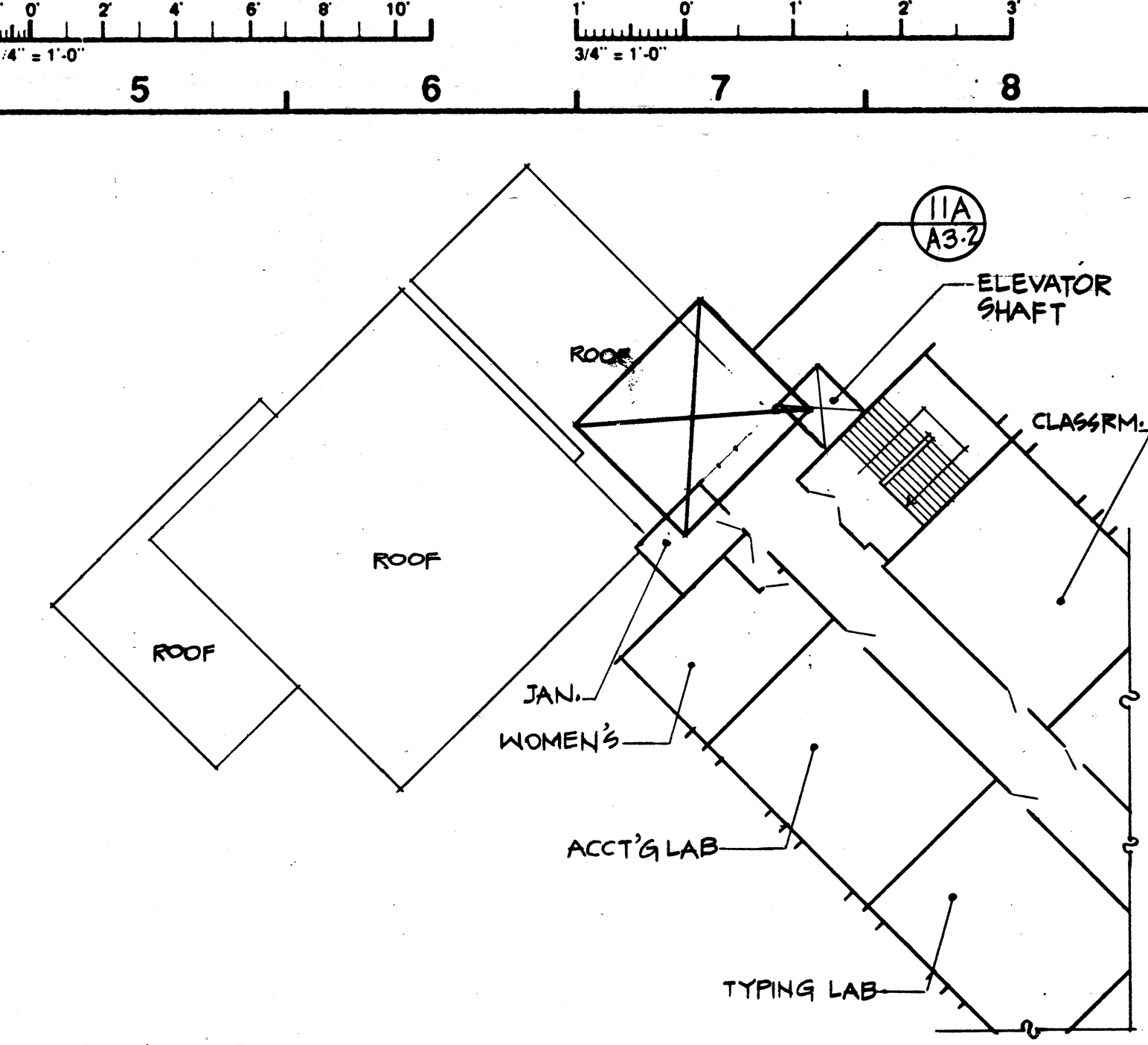
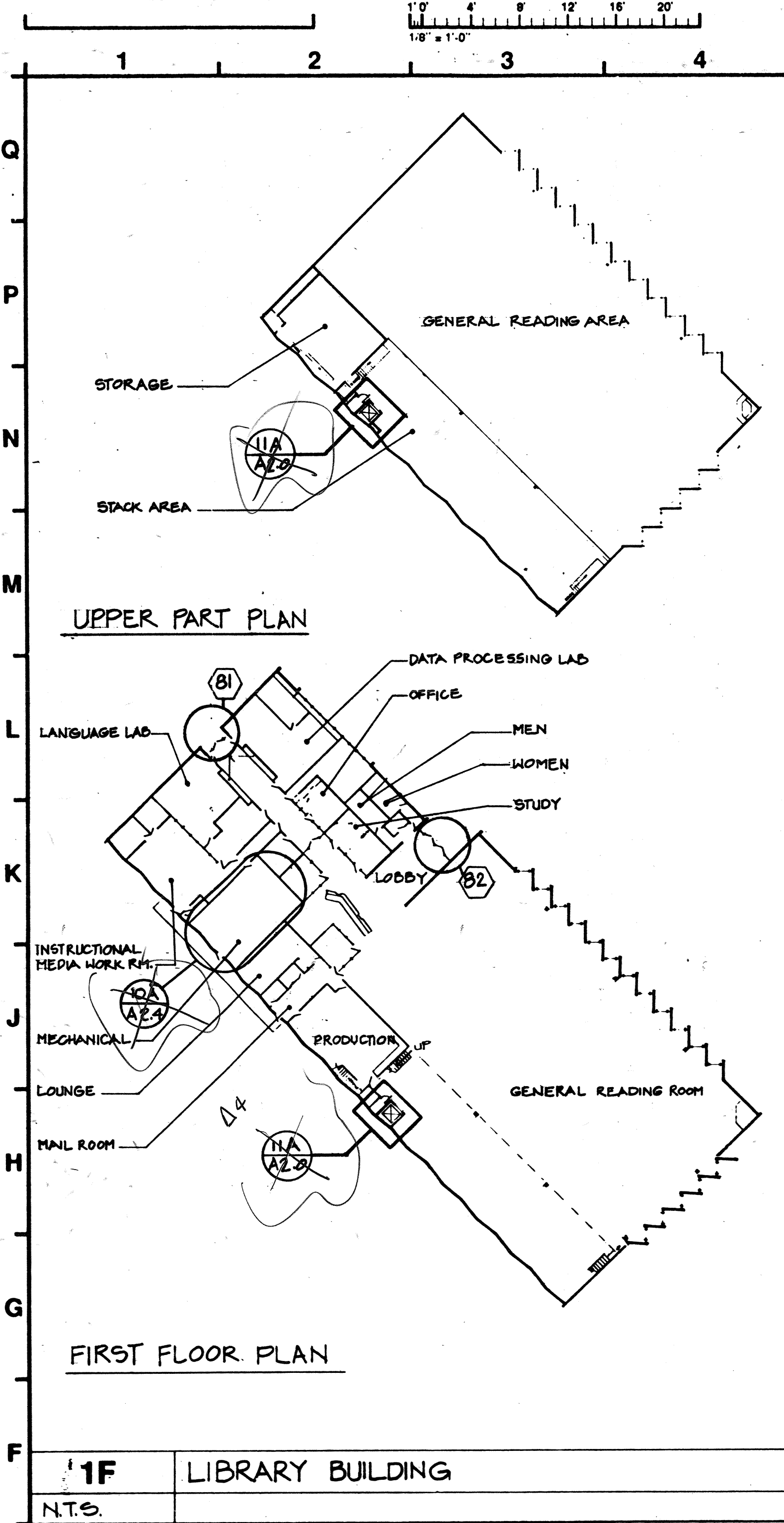
APP. NO  
SHEET  
**59314 T-C1**

DATA NO  
NO  
**A1.0**

APPROVED BY  
5/11/93  
7/23/93



Project print  
Issue date  
27 JAN 93  
4/14/93  
22 MAR 94



**SHEET NOTES**

REVISIONS: (A) indicates revisions made to this sheet.

REVISIONS: NO. DATE NO. DATE

SHEET TITLE: Floor Plans - Bldg. Group 2

DRAWN BY: PROJECT NO. 2657.89

CHECKED BY: DATE 2/17/93

APR. NO. 59314 7-C1 SHEET A1.1

DATA NO. NO. OF

COMETTA / CIANFICHI

APPROVED

59314 JUL 28 1993

OFFICE OF THE STATE ARCHITECT

APPROVAL: 59314 JUL 28 1993

OFFICE OF THE STATE ARCHITECT

APPROVAL: 59314 JUL 28 1993

ARCHITECT: COMETTA / CIANFICHI

ARCHITECTURE • PLANNING

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Fax Number: (510) 232-7281

PROJECT: ARCHITECTURAL BARRIER REMOVAL  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

Contra Costa Community College District

BID SET

REVISIONS: (A) indicates revisions made to this sheet.

REVISIONS: NO. DATE NO. DATE

SHEET TITLE: Floor Plans - Bldg. Group 2

DRAWN BY: PROJECT NO. 2657.89

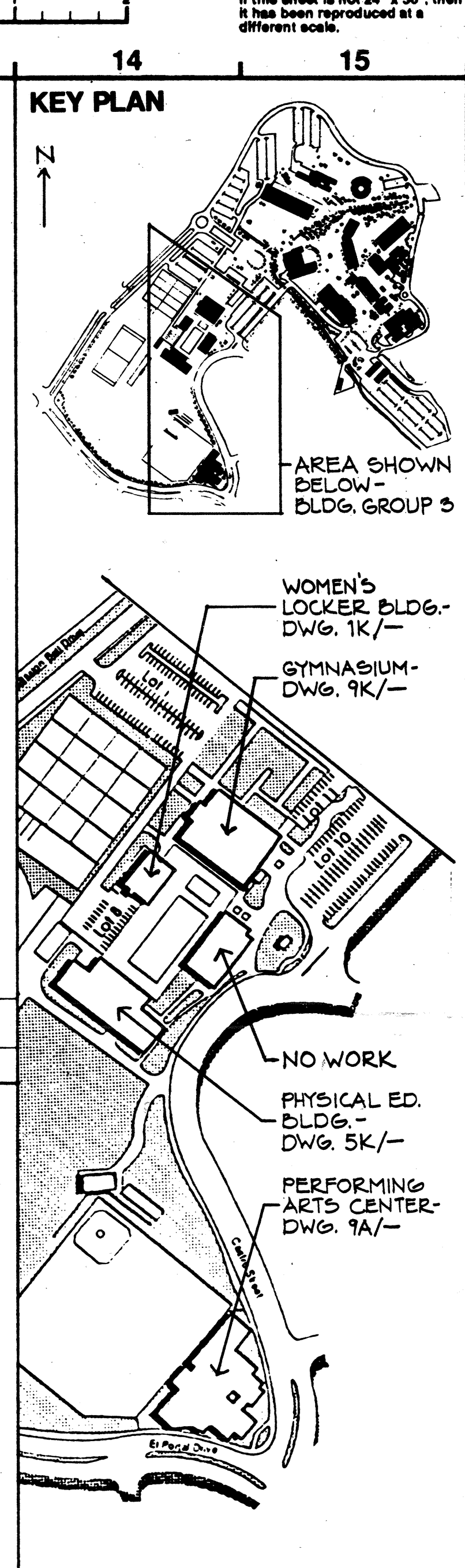
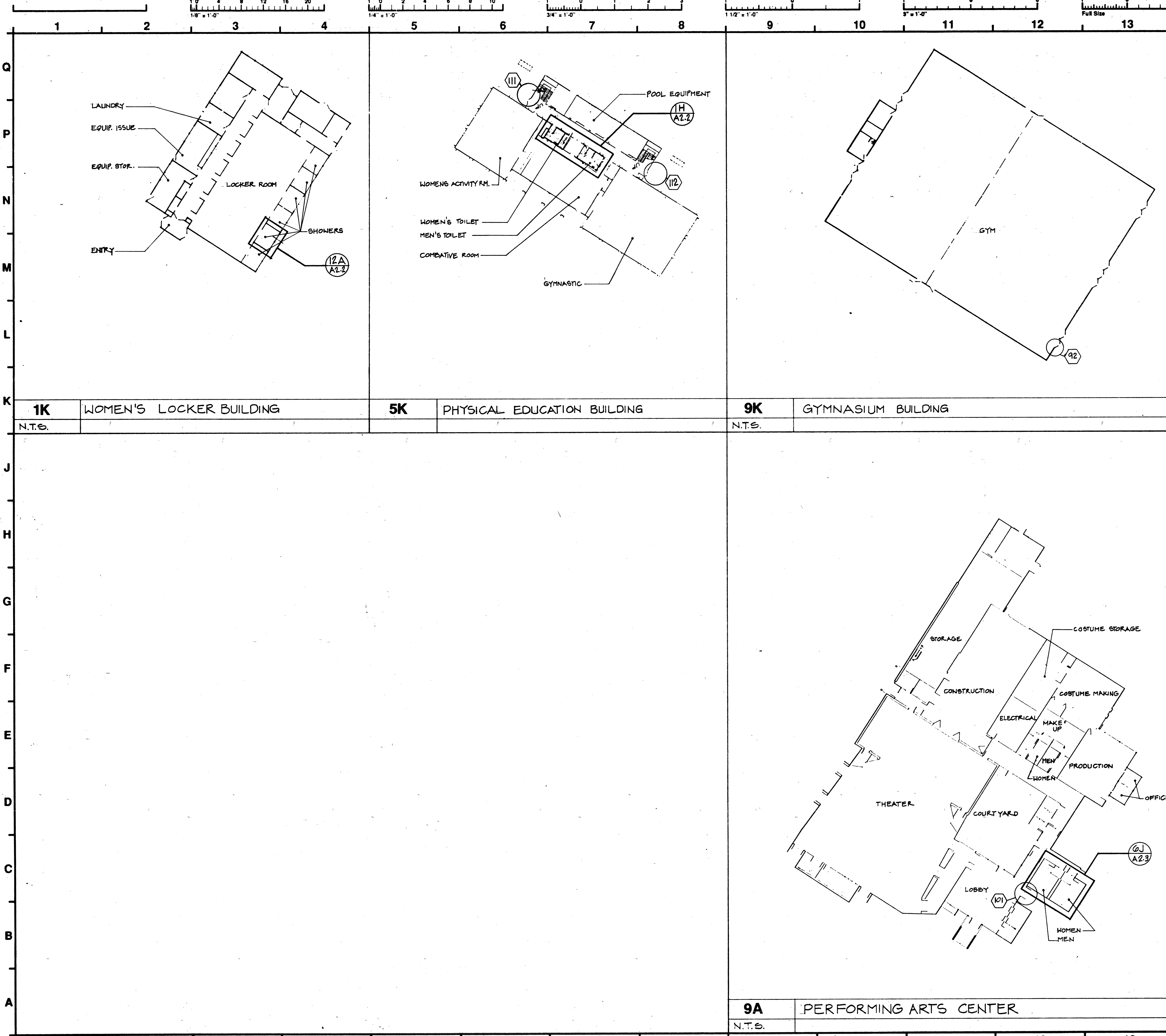
CHECKED BY: DATE 2/17/93

APR. NO. 59314 7-C1 SHEET A1.1

DATA NO. NO. OF



Progress print  
Issue Date  
27 JAN. 93  
4/14/93  
22 MAR. 94



**KEY PLAN**

AREA SHOWN BELOW - BLDG. GROUP 3

WOMEN'S LOCKER BLDG. - DWG. 1K/-

GYMNASIUM - DWG. 9K/-

NO WORK

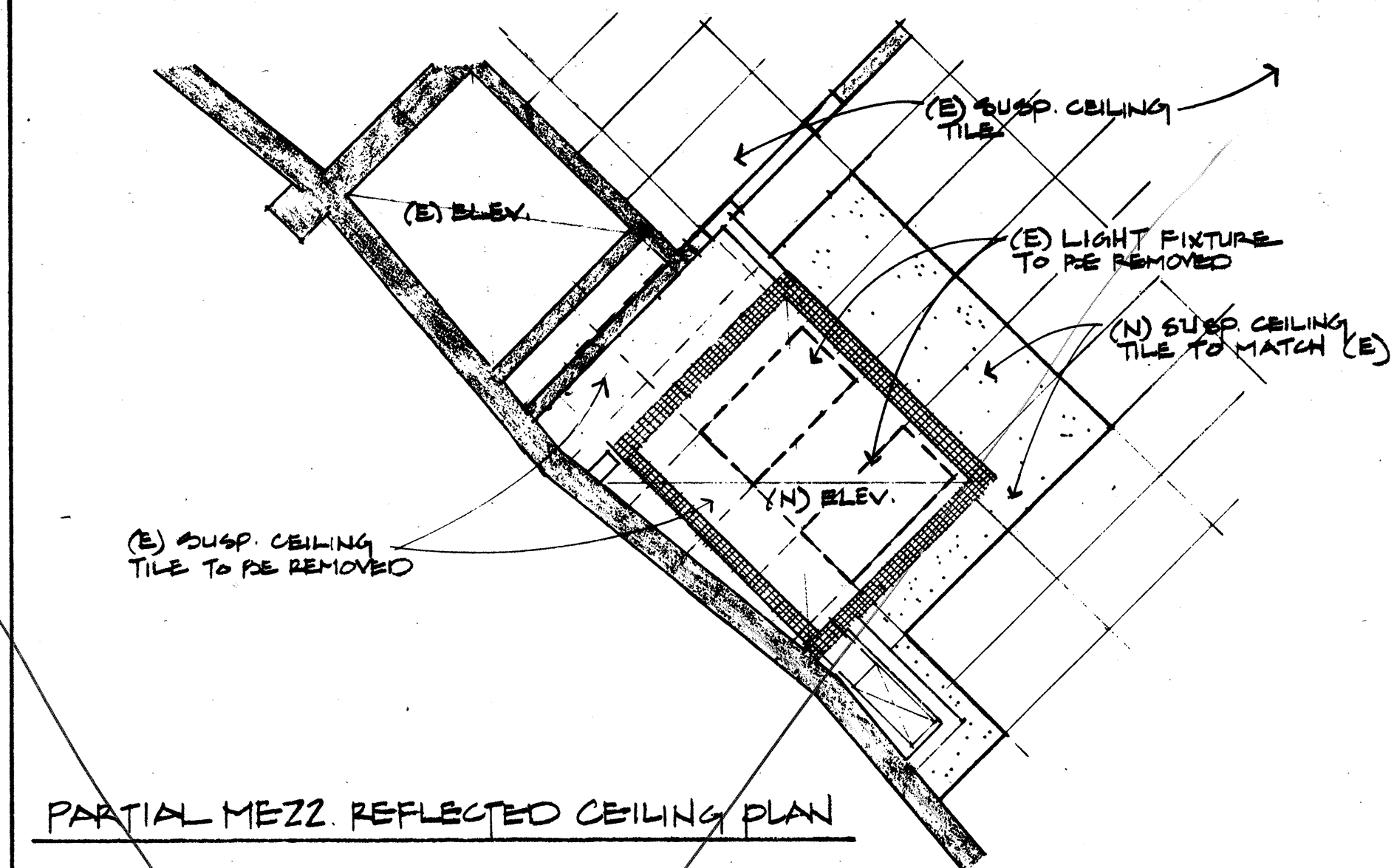
PHYSICAL ED. BLDG. - DWG. 5K/-

PERFORMING ARTS CENTER - DWG. 9A/-

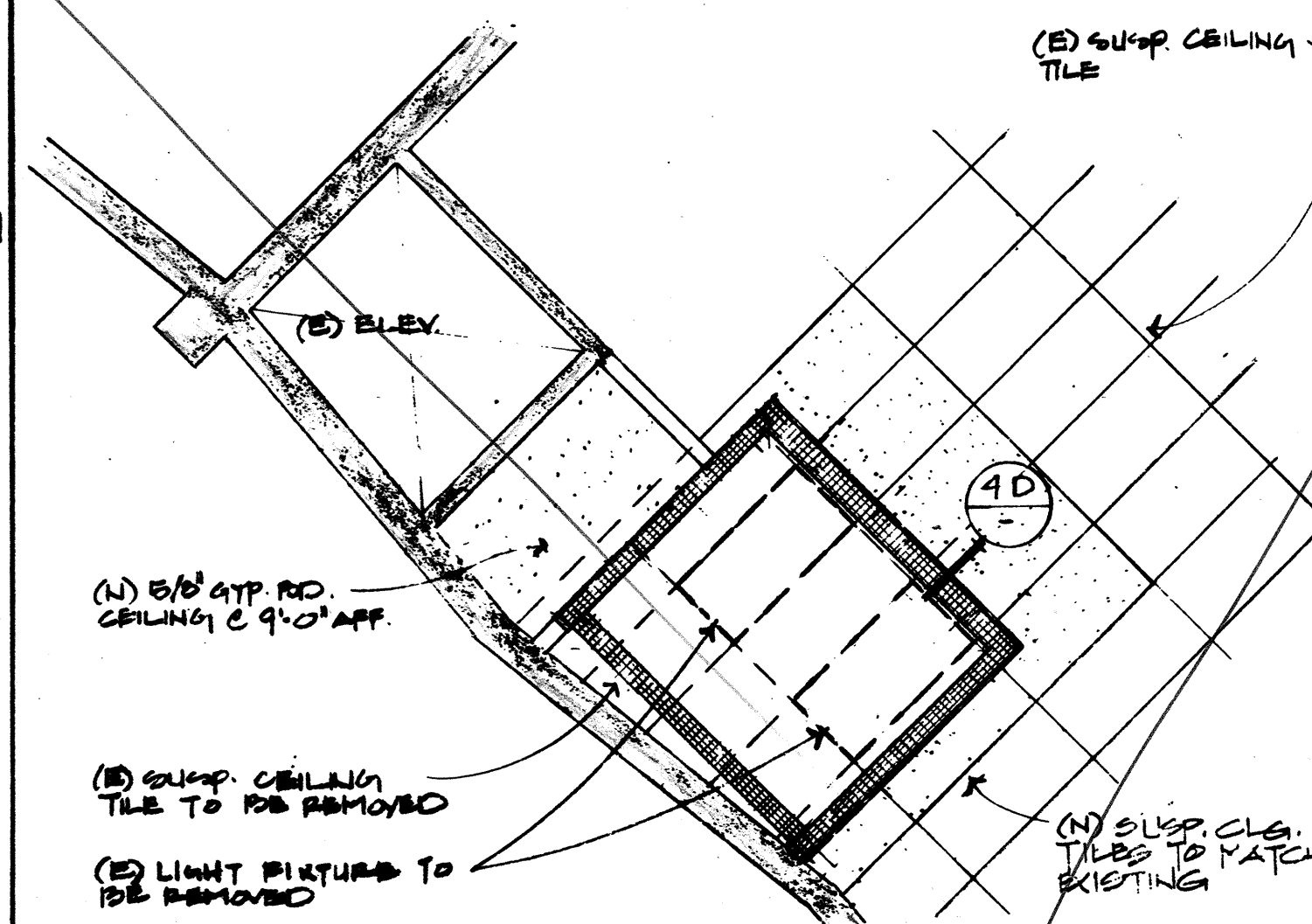
**SHEET NOTES**

COMETTA / CIANFICHI	
APPROVED	
APPROVAL OF THIS DRAWING IS NOT A GUARANTEE OF THE ACCURACY AND COMPLETION OF THE DESIGN. THE DESIGN IS SUBJECT TO THE REQUIREMENTS OF THE CALIFORNIA STATE FIRE MARSHAL.	
APPROVED BY: [Signature] 7-28-93	
OFFICE OF THE STATE ARCHITECT ARCHITECTS COMPANION SECTION NO. 59314 JUL 28 1993 APPROVAL OF THIS DRAWING IS NOT A GUARANTEE OF THE ACCURACY AND COMPLETION OF THE DESIGN. THE DESIGN IS SUBJECT TO THE REQUIREMENTS OF THE CALIFORNIA STATE FIRE MARSHAL.	
IDENTIFICATION NO. 59314 Department of General Services Office of the State Architect AUG - 2 1993 Structural Section 59314 Checked By: [Signature]	
CONSULTANT AS BUILT - 11/10/95 By [Signature] - SAUSA	
ARCHITECT COMETTA / CIANFICHI ARCHITECTURE • PLANNING 3516 Macdonald Avenue Richmond, CA 94805-2113 Telephone: (510) 232-2637 Fax Number: (510) 232-7261	
PROJECT ARCHITECTURAL BARRIER REMOVAL CONTRA COSTA COLLEGE 2600 Mission Bell Drive San Pablo, CA 94806	
STATUS BID SET	
REVISIONS: (A) FORGIVE REVISIONS MADE TO THIS SHEET	
NO. DATE NO. DATE	
SHEET TITLE Floor Plans - Bldg. Group 3	
DRAWN BY PROJECT NO. 2657.89	
CHECKED BY DATE 2/17/93	
APPL. NO. 59314 7-C1 SHEET	
DATA NO. NO. OF A1.2	
21-4	

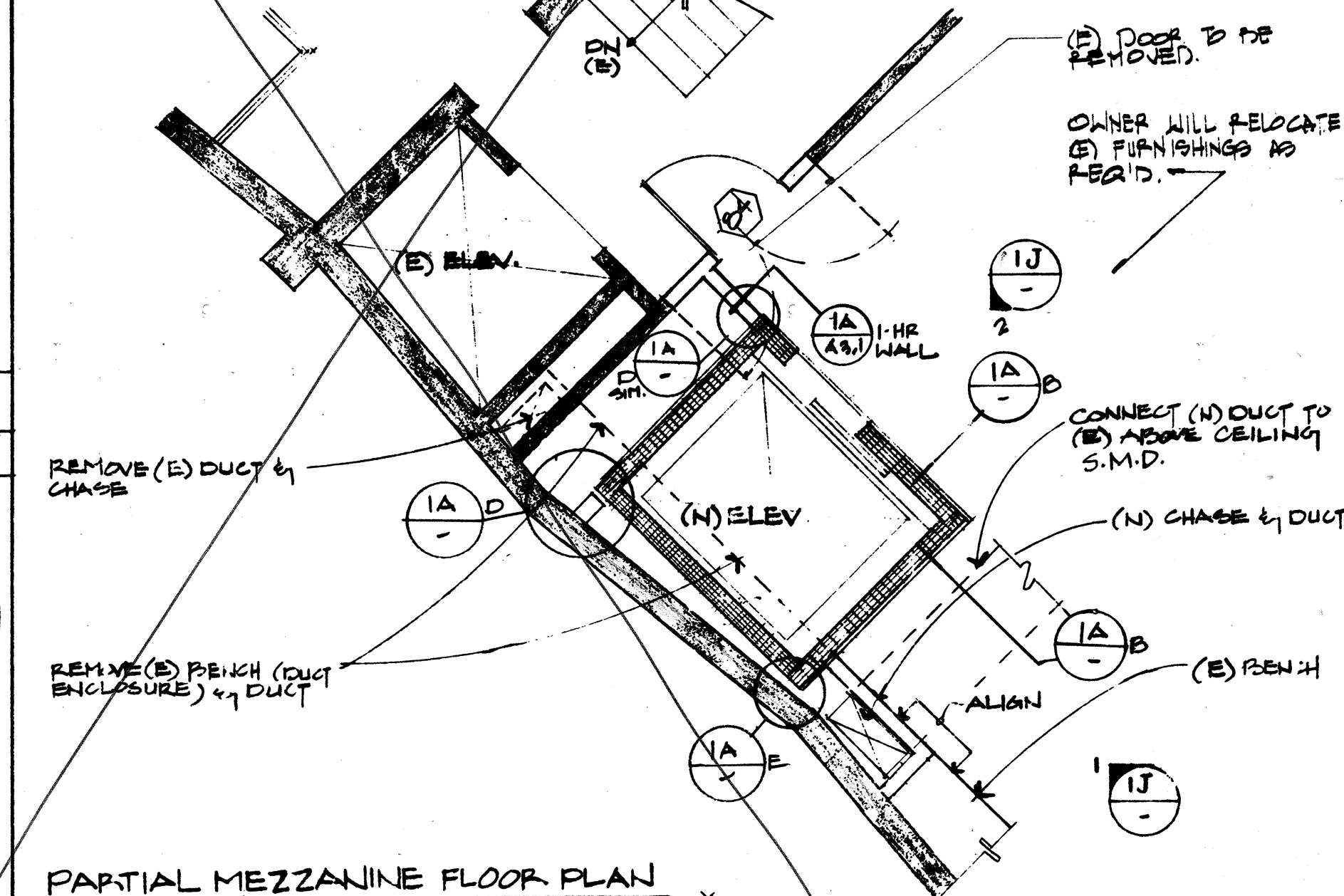




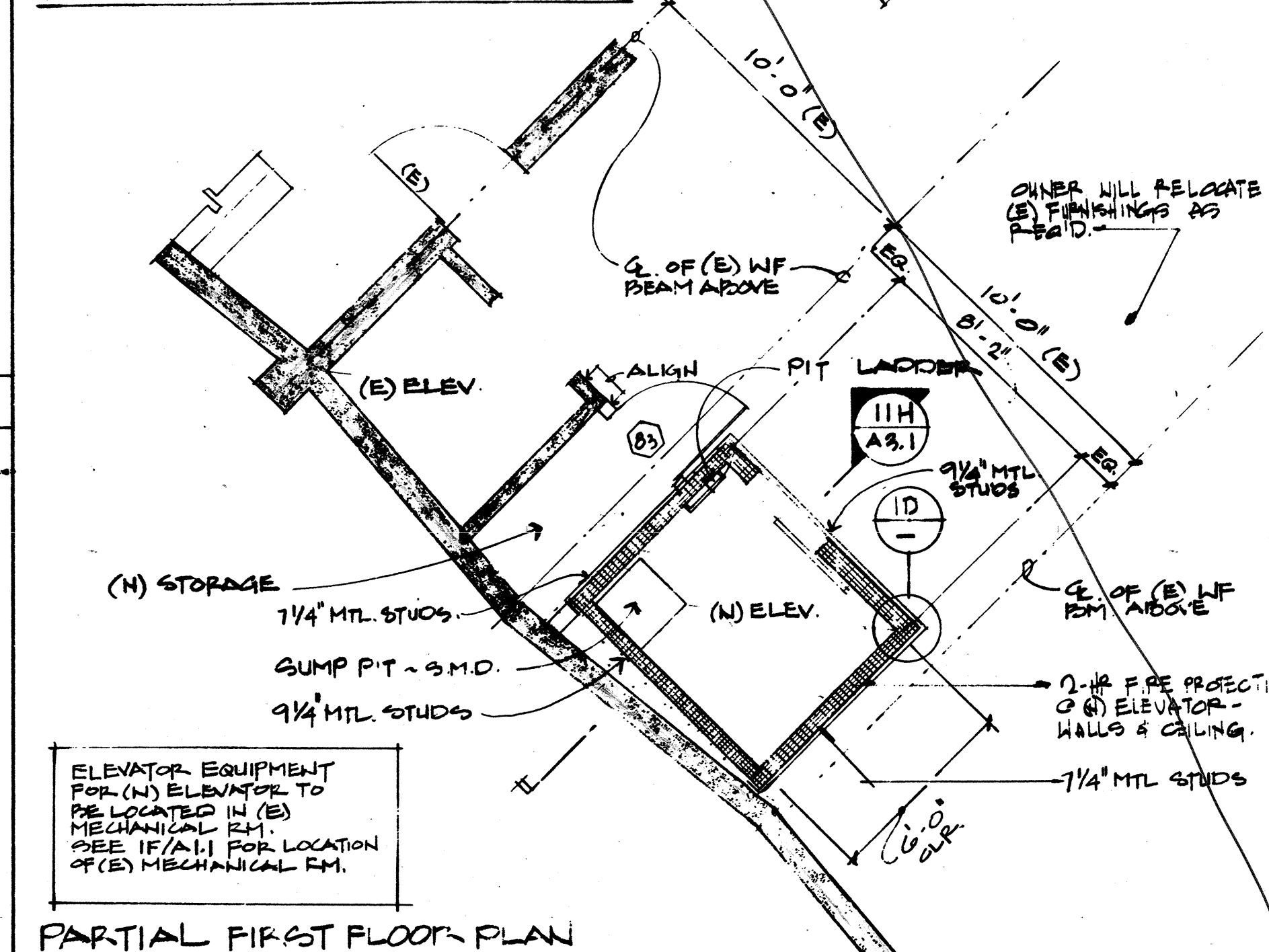
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PARTIAL MEZZANINE FLOOR PLAN



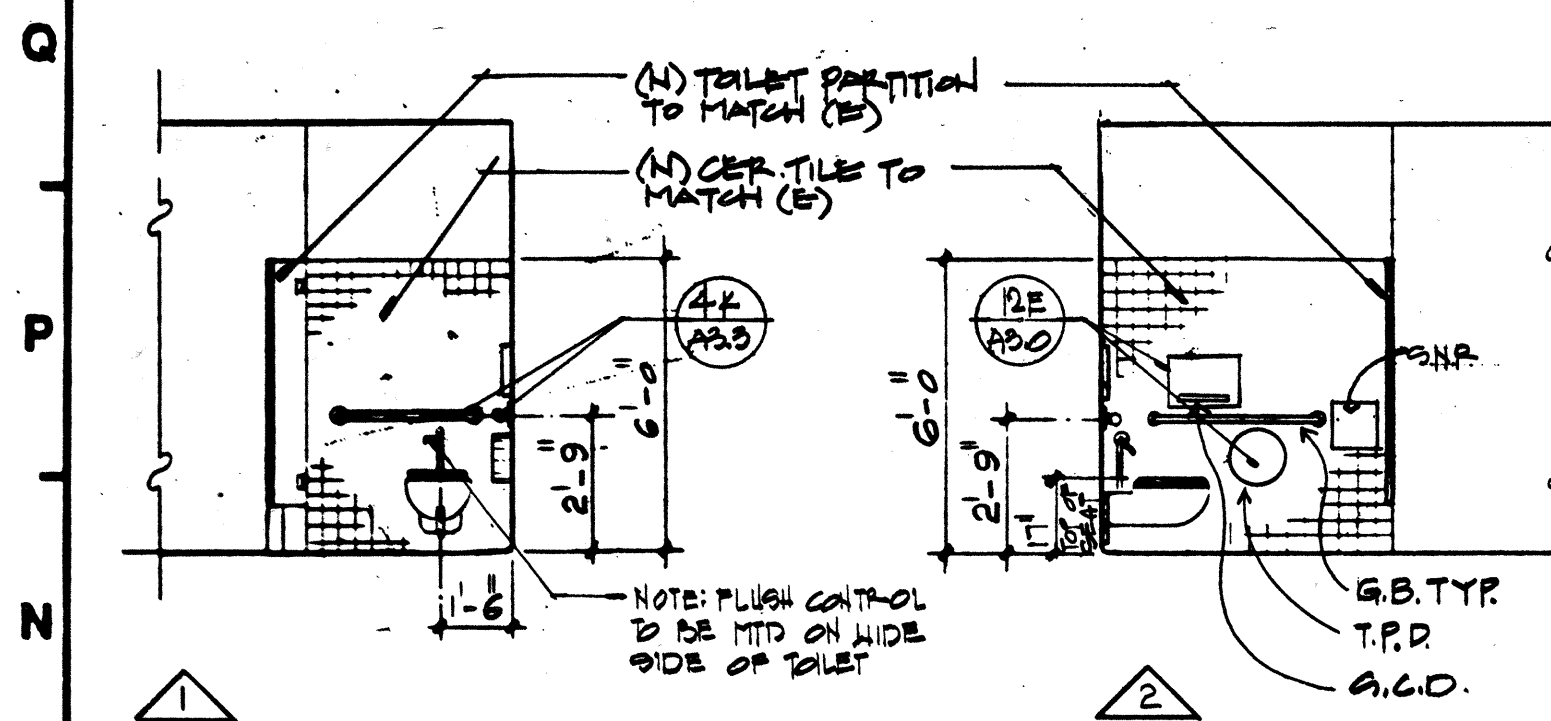
7D	PARTIAL 1ST. FLR. REFLECTED CEIL'G PLAN
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PARTIAL FIRST FLOOR PLAN

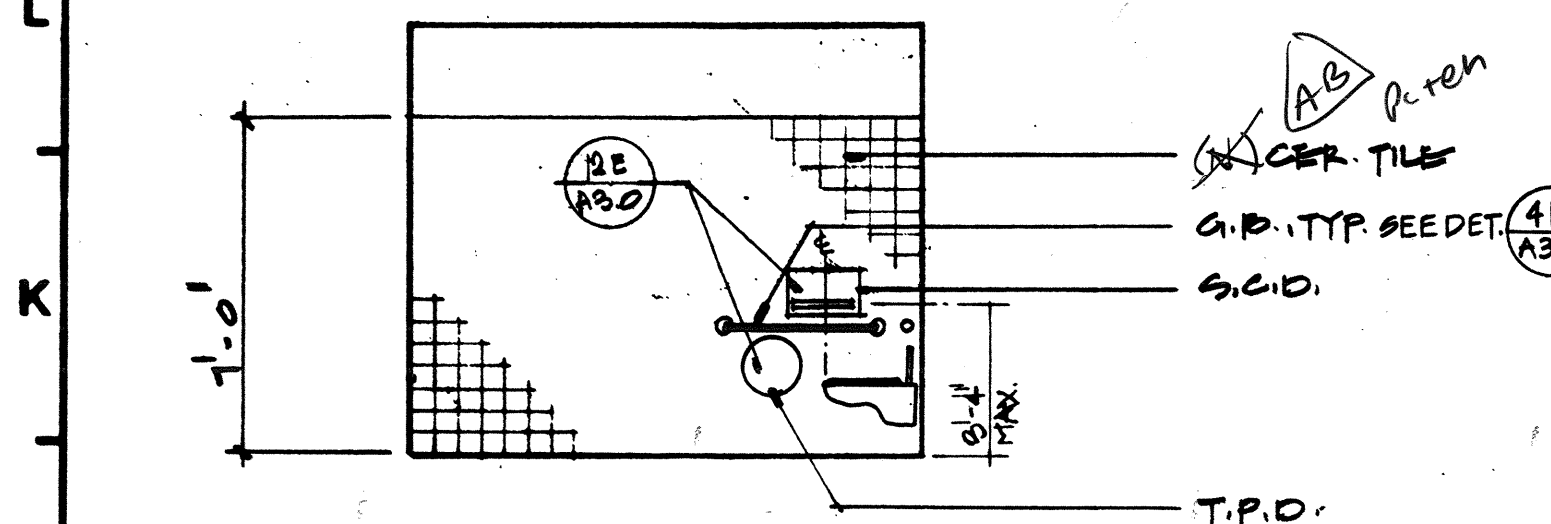
11A	LIBRARY - ELEVATOR PLANS
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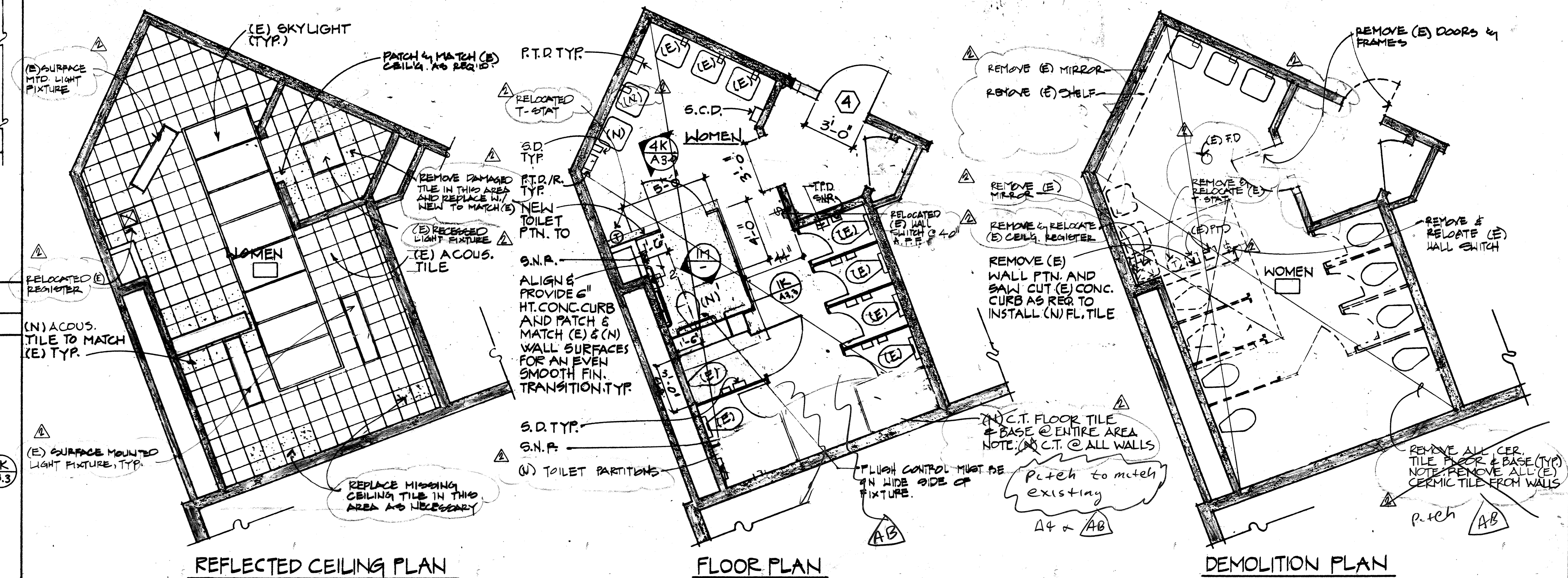


SEE SHEET A3.0 FOR ADDITIONAL TOILET ROOM INFORMATION, TYP.

**1M** HUMANITIES BUILDING - WOMEN'S  
1/4" = 1'-0"



**1J** HUMANITIES BUILDING - MEN'S  
1/4" = 1'-0"

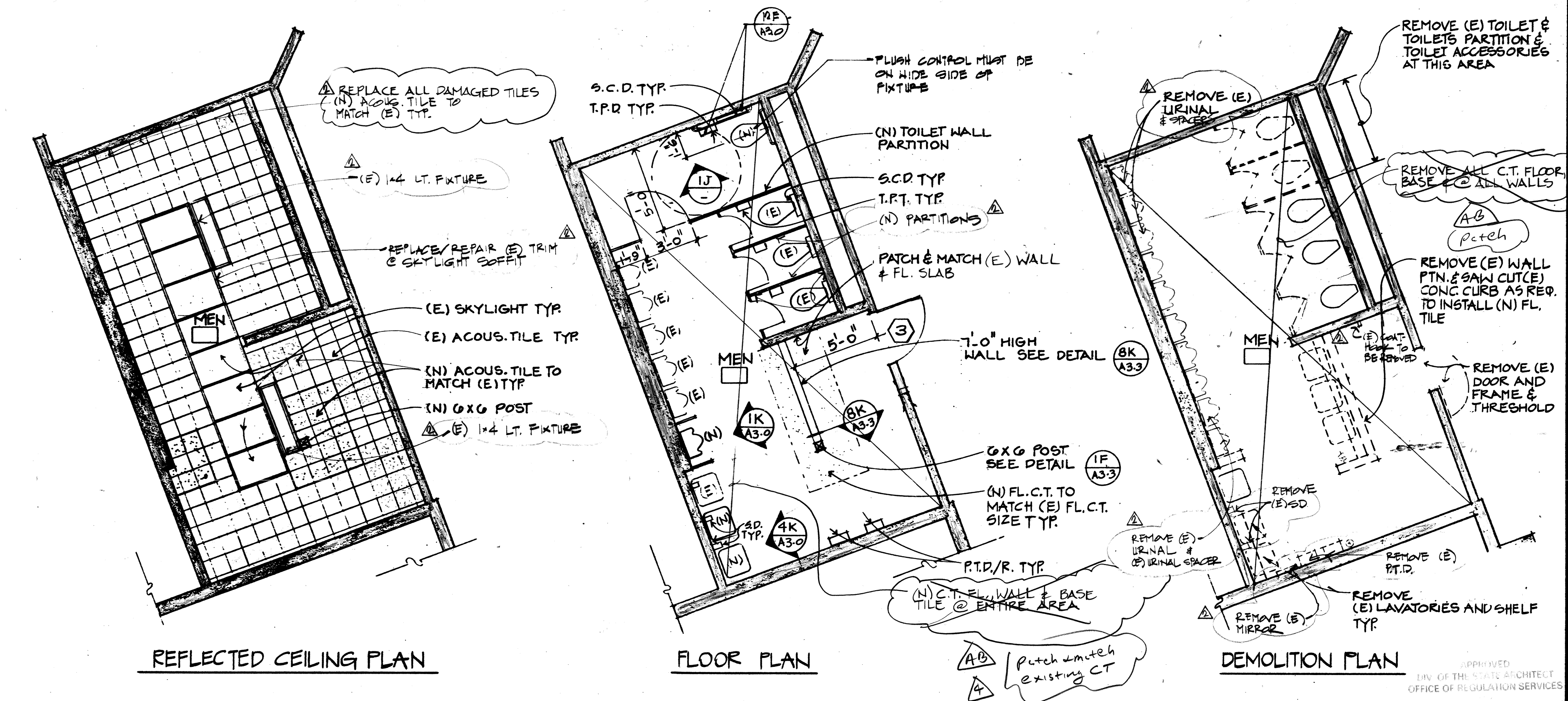


REFLECTED CEILING PLAN

FLOOR PLAN

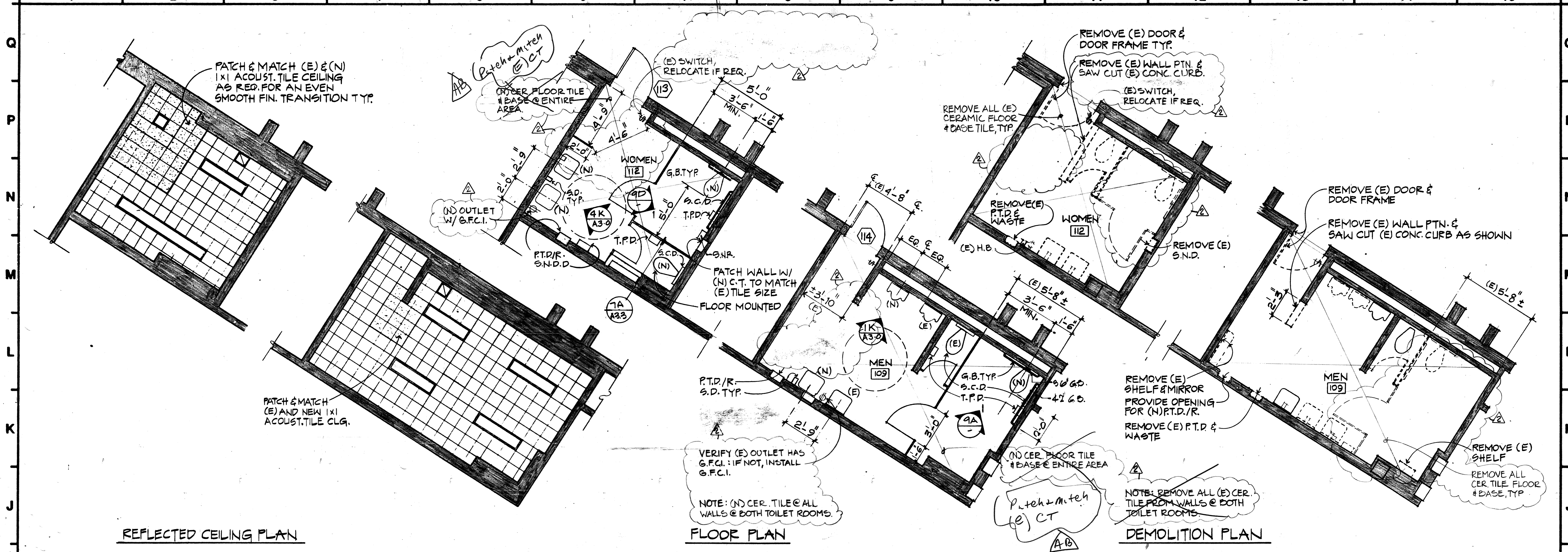
DEMOLITION PLAN

**5J** HUMANITIES BUILDING - WOMEN'S TOILET  
1/4" = 1'-0"





28 DEC. 92  
27 JAN. 93  
4/14/93  
22 MAR. 94



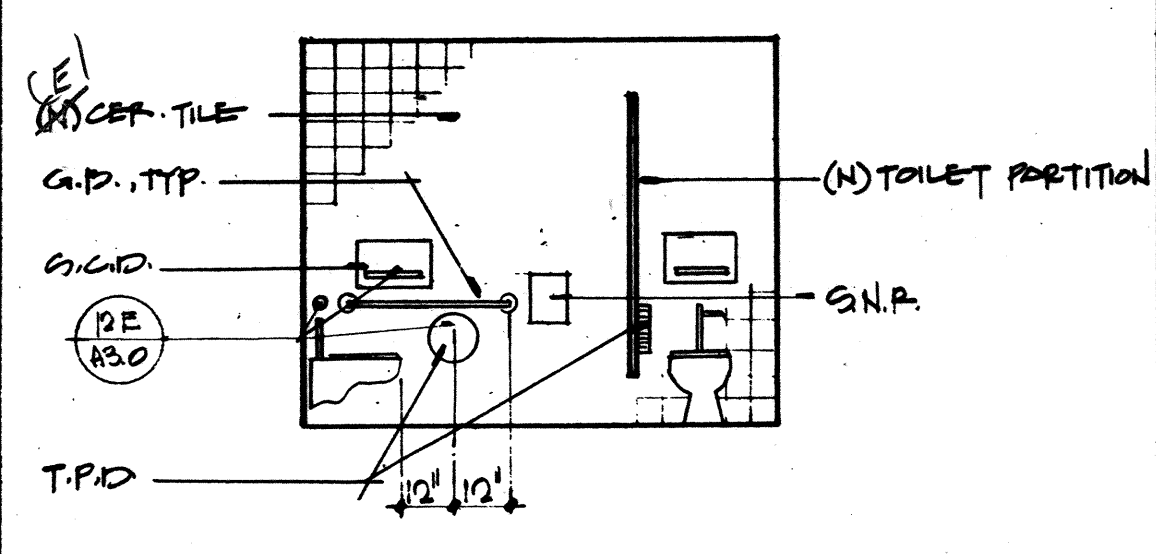
REFLECTED CEILING PLAN

FLOOR PLAN

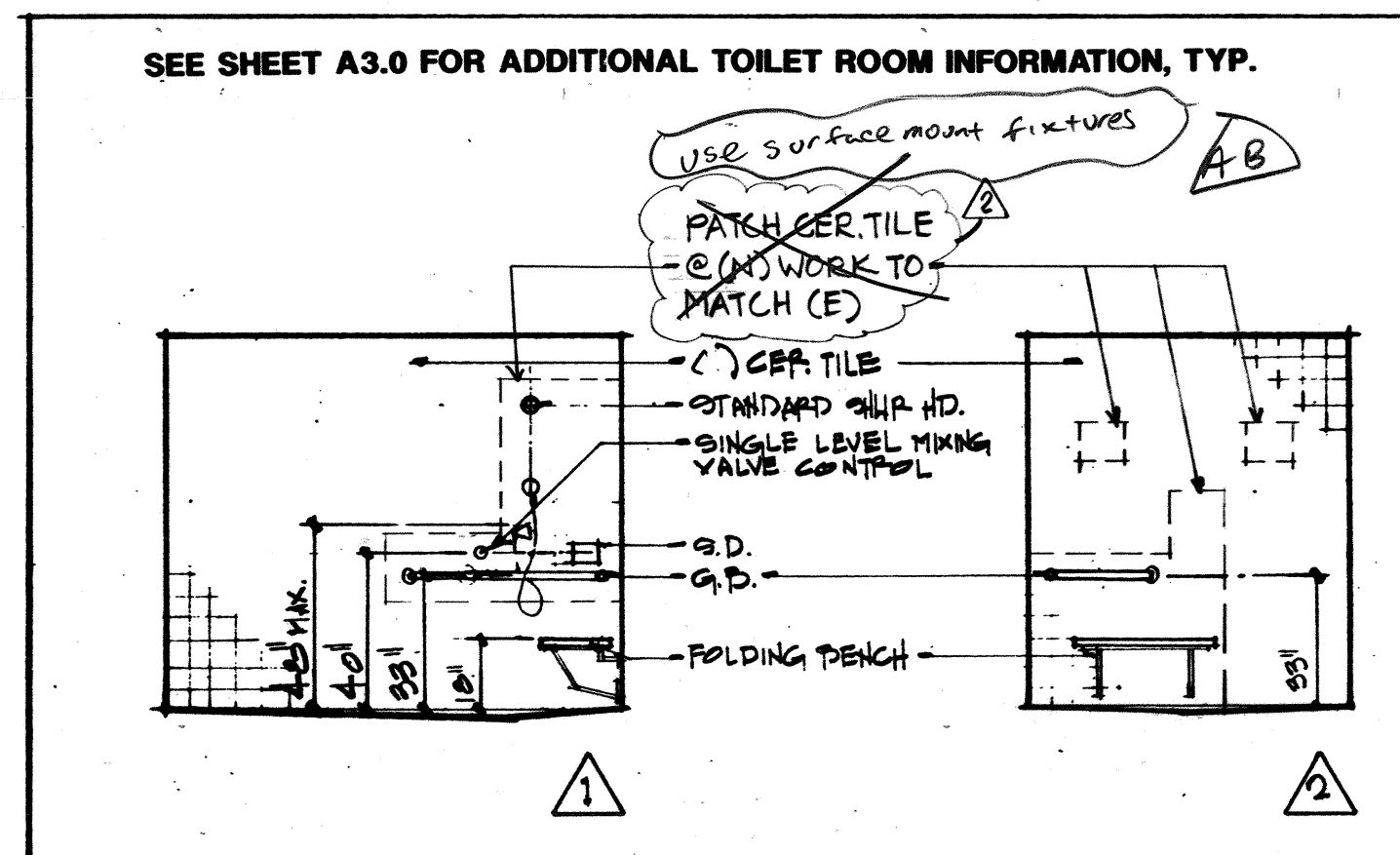
DEMOLITION PLAN

1H PHYSICAL EDUCATION BUILDING - MEN'S AND WOMEN'S TOILET

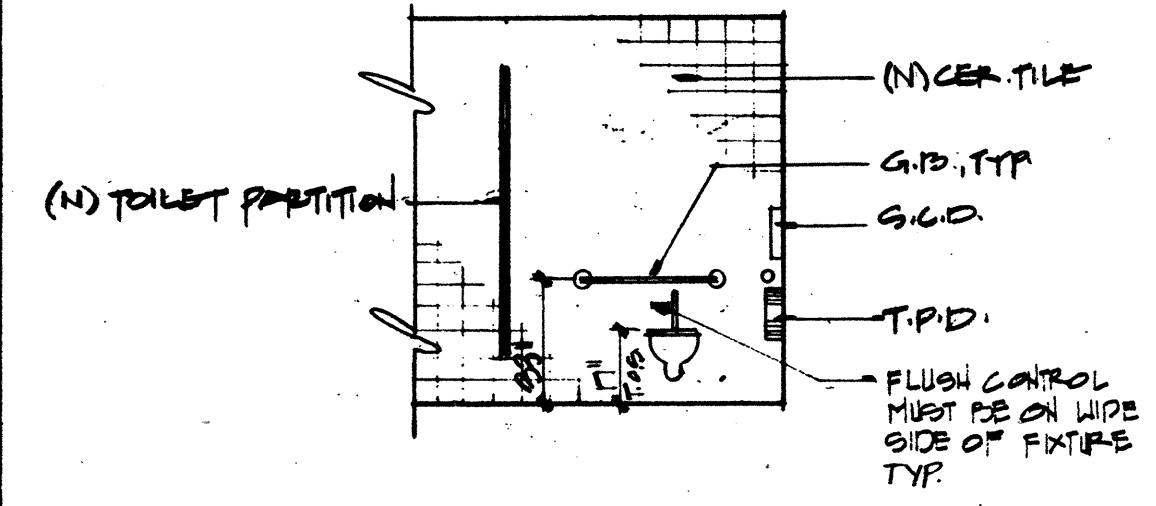
1/4"=1'-0"



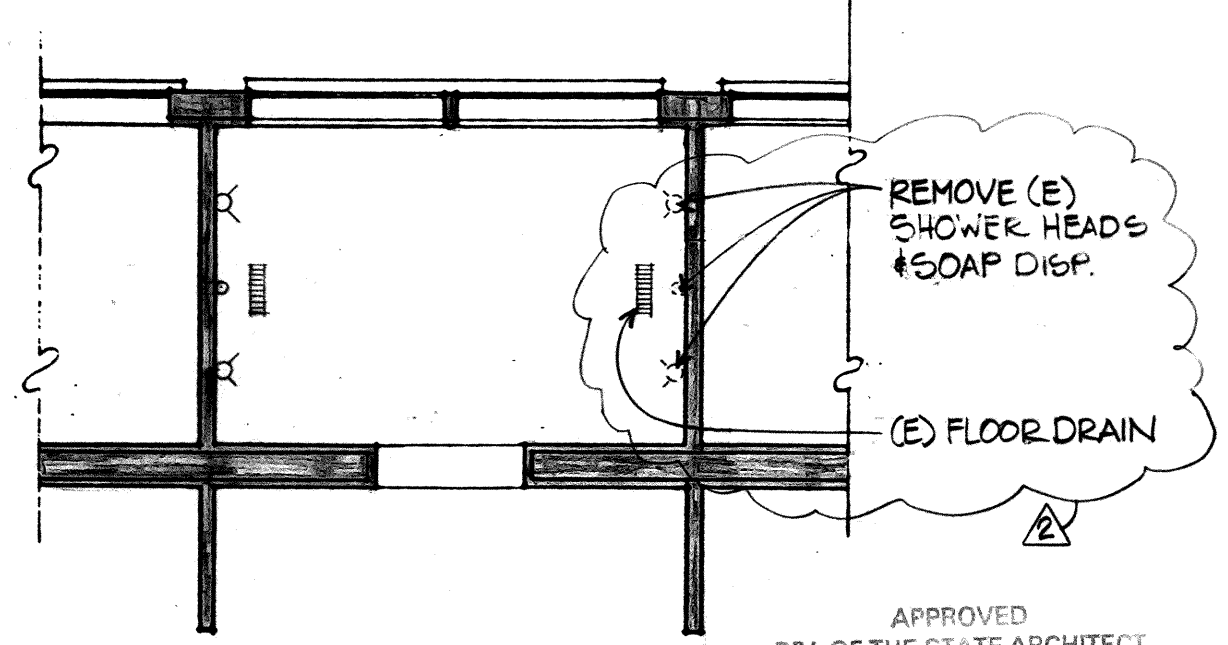
9D PHYSICAL EDUCATION - WOMEN'S  
1/4"=1'-0" REF. 1H/-



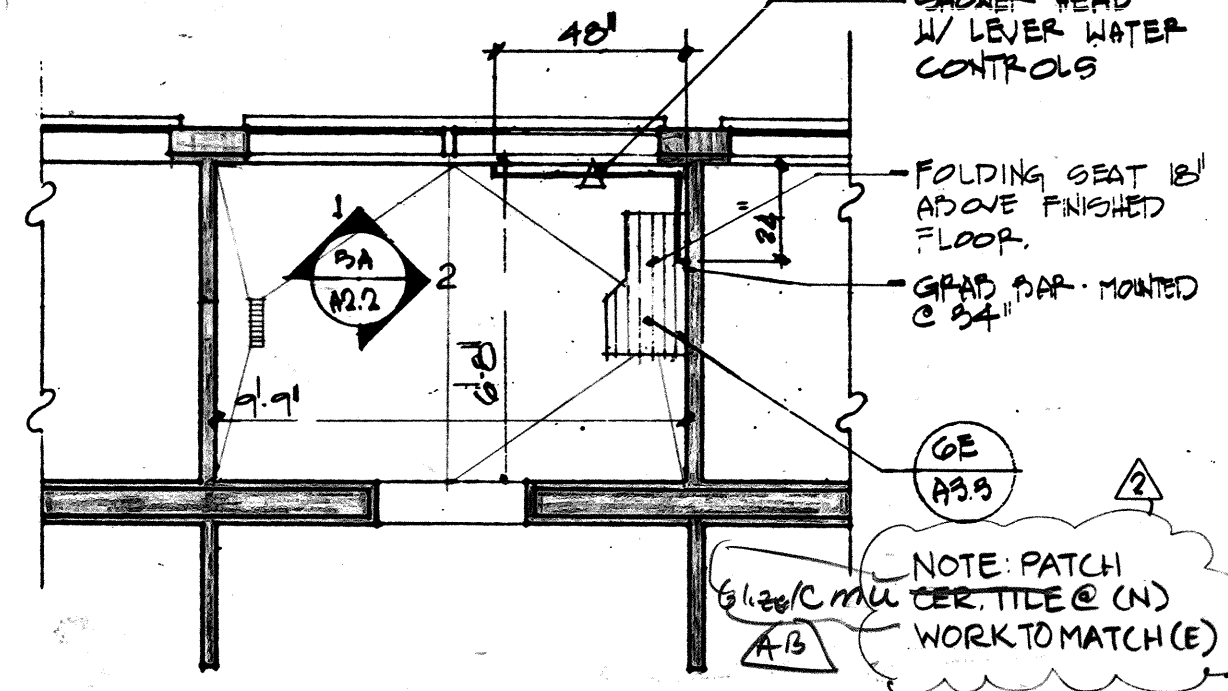
5A W. LOCKER BUILDING - SHOWER ROOM  
1/4"=1'-0" REF. 12A/-



9A PHYSICAL EDUCATION - MEN'S  
1/4"=1'-0" REF. 1H/-



DEMOLITION PLAN



FLOOR PLAN

12A W. LOCKER BUILDING - SHOWER RM.  
1/4"=1'-0"

COMETTA / CIANFICHI

APPROVED

59314 JUL 28 1993

ARCHITECT

CONSULTANT

ARCHITECT

C/C

COMETTA / CIANFICHI

ARCHITECTURE • PLANNING

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PROJECT

ARCHITECTURAL  
BARRIER REMOVAL  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

Contra Costa Community  
College District

BID SET

REVISIONS:

6/28/94 ADDENDUM NO. 1

Plans & Elevations -  
Physical Ed. Bldg. Toilets,  
Women's Locker Building  
Shower

PROJECT NO.  
2657.89

DATE  
2/17/93

SHEET  
7-C1

A2.2

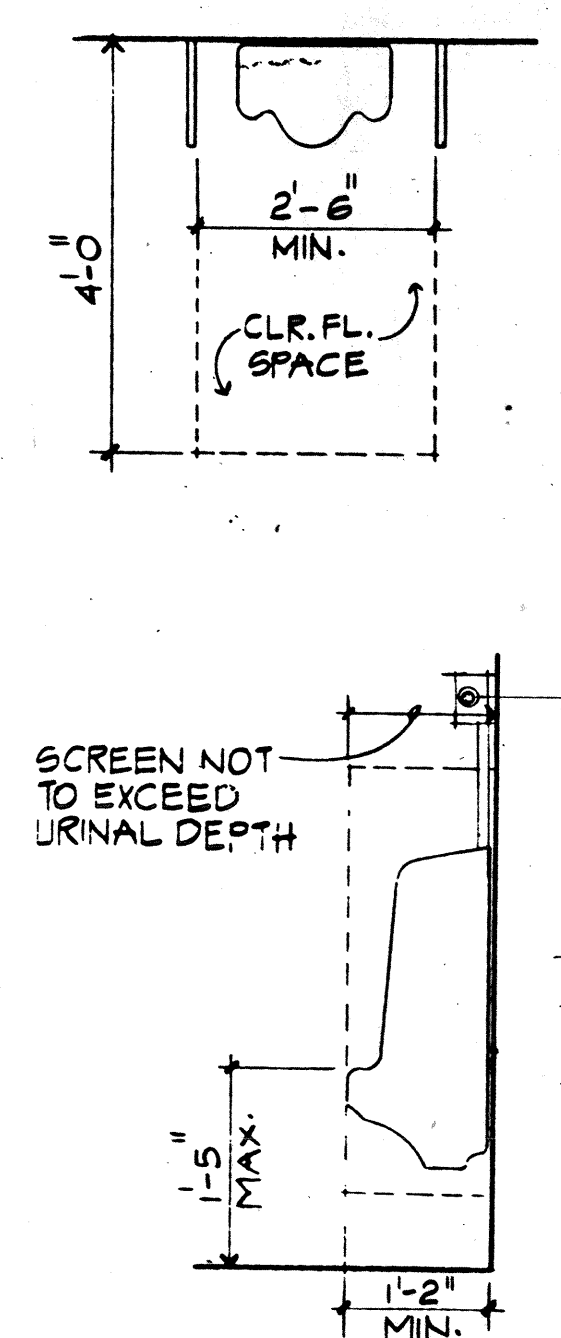




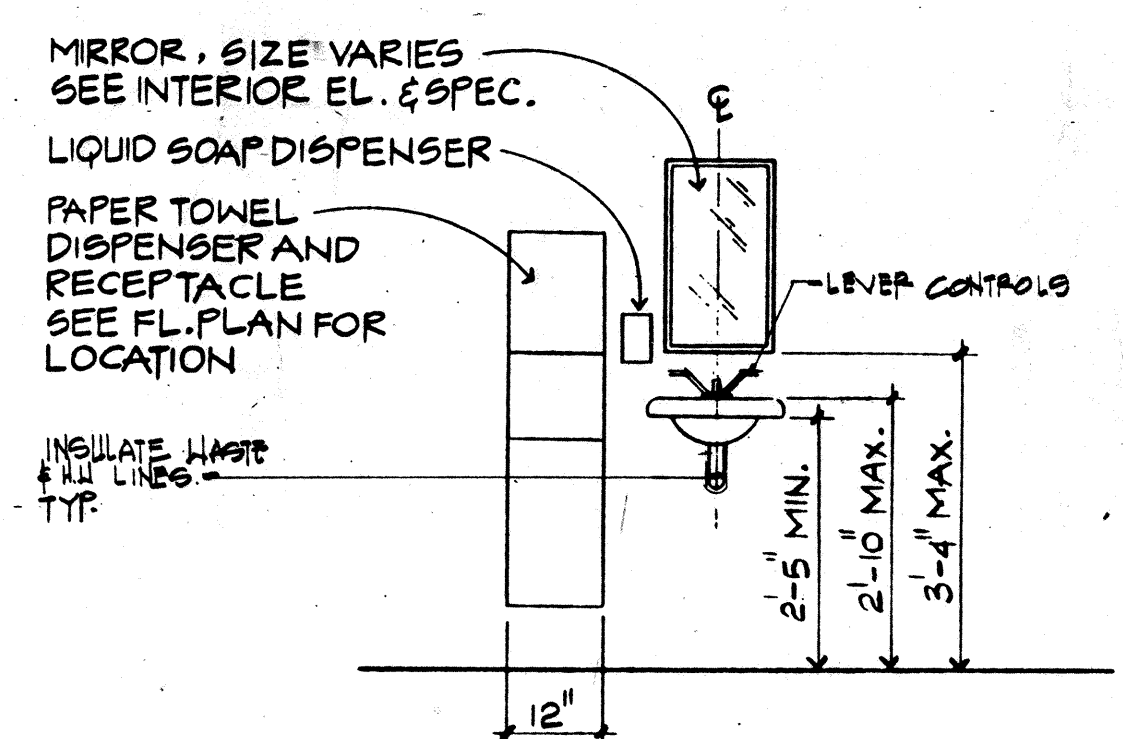




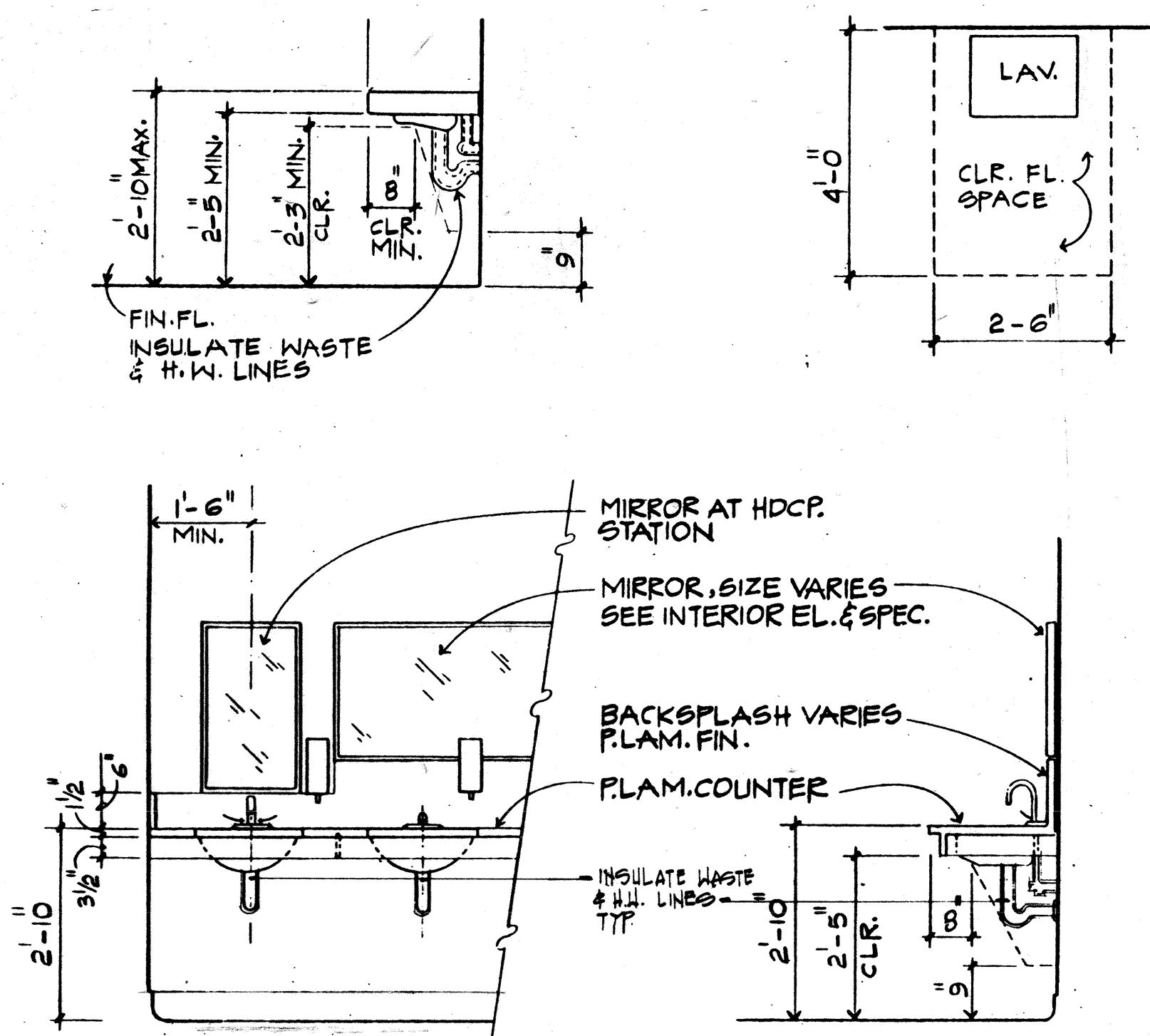




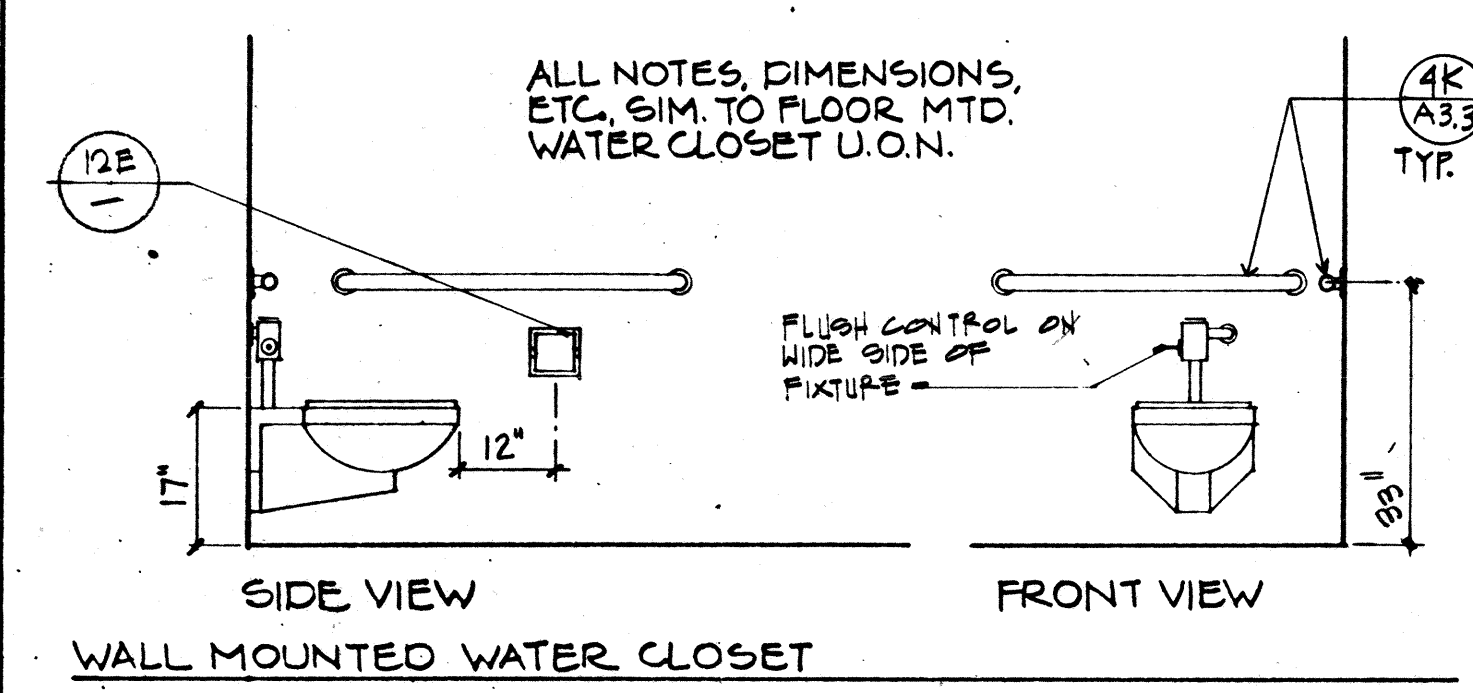
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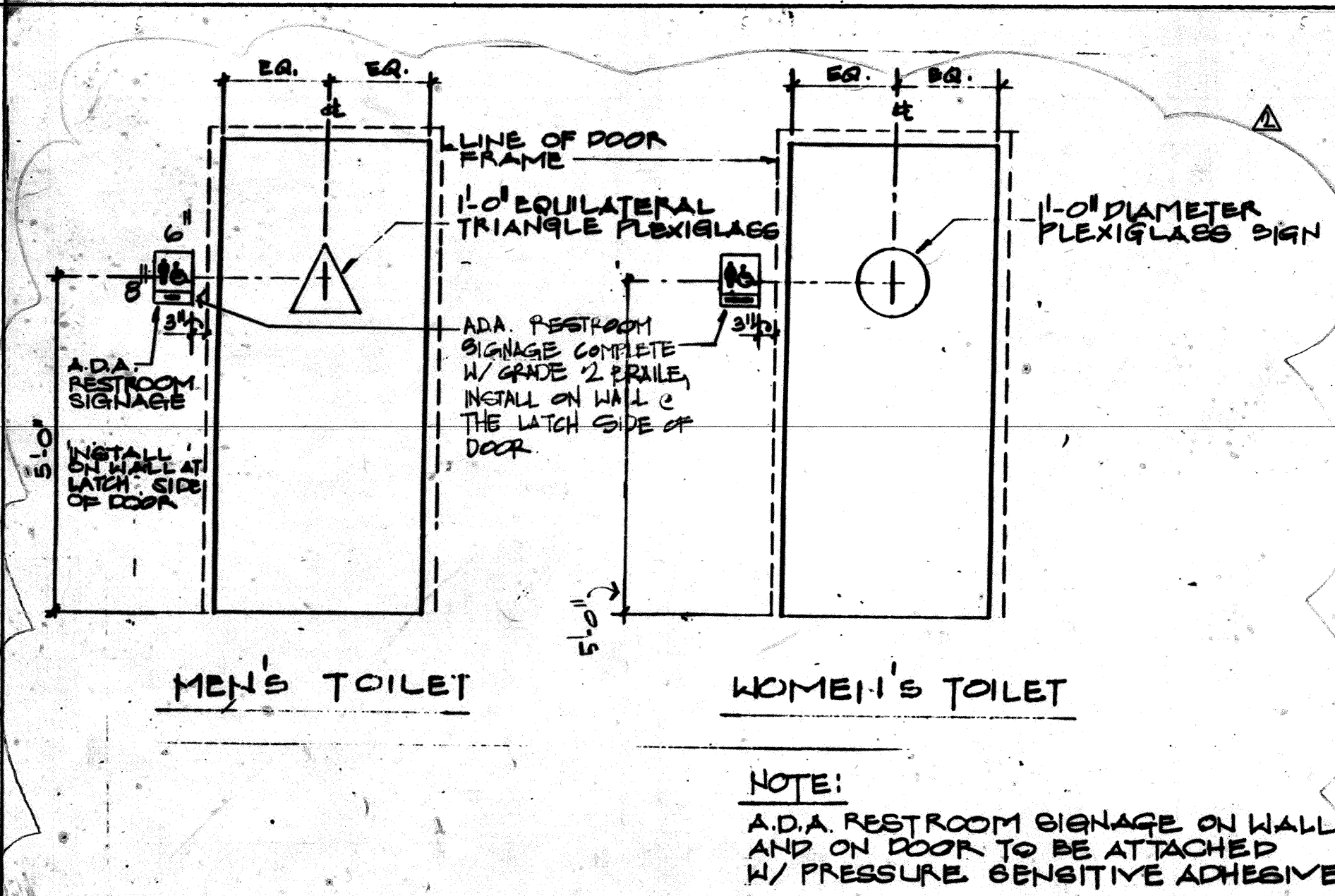
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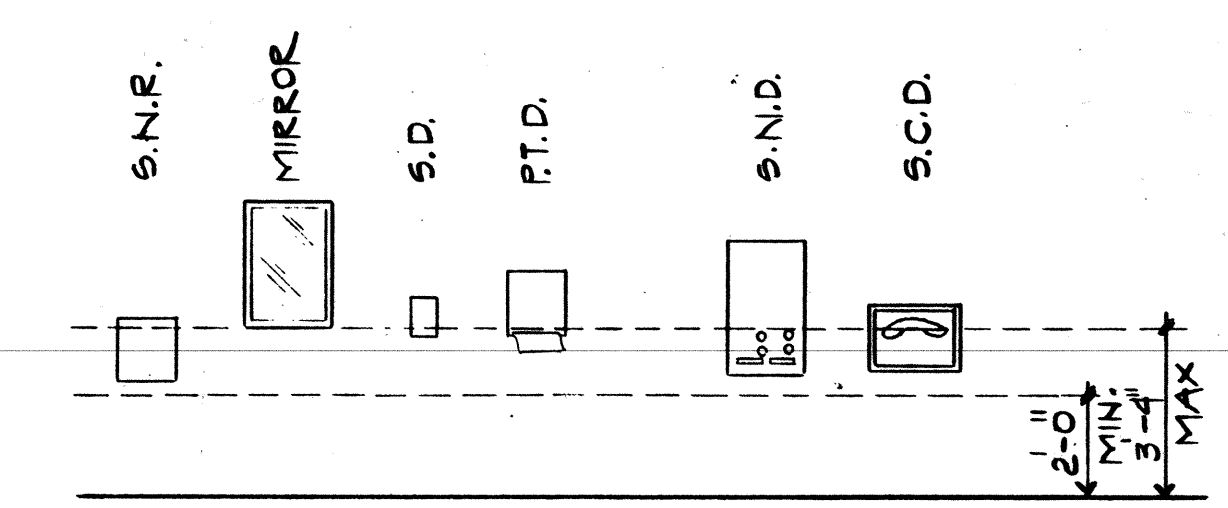
SIDE VIEW . FRONT VIEW  
FLOOR MOUNTED WATER CLOSET



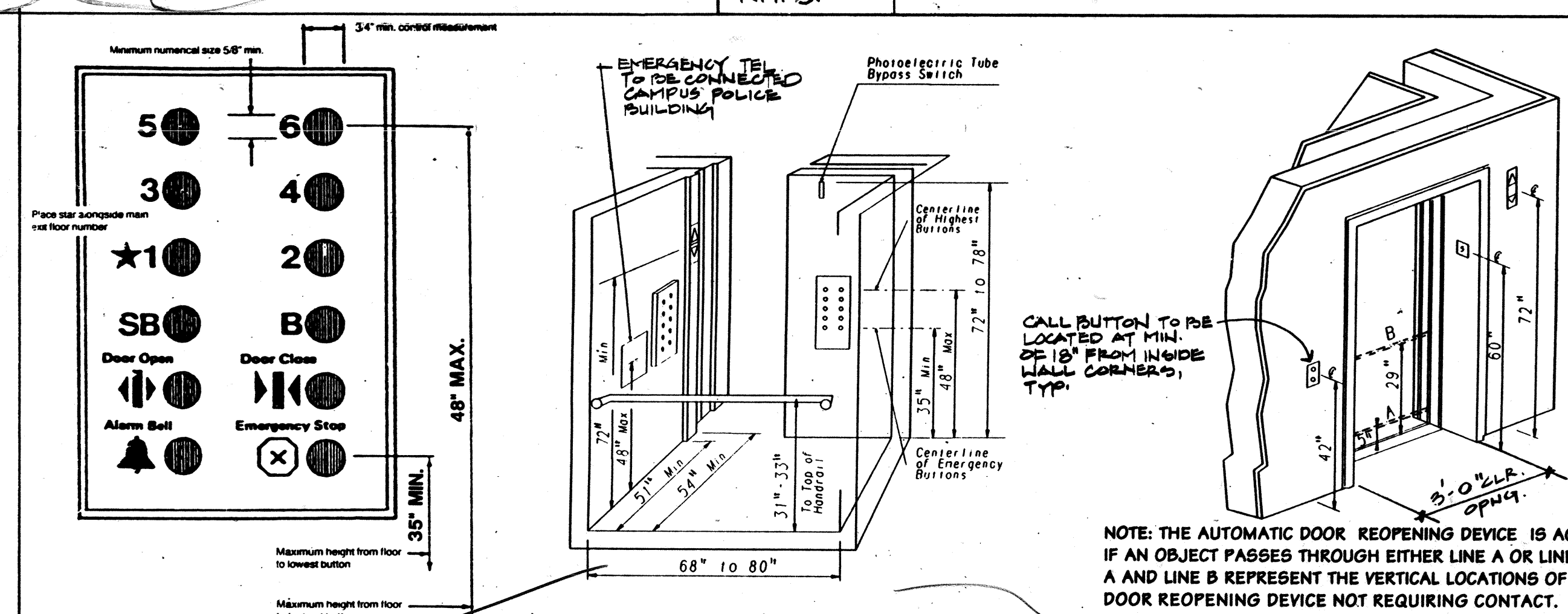
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7E	TOILET ROOM SIGNAGE & DOORS.
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12E	BARRIER FREE STANDARDS TOILET ACCESSORIES
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9A	ELEVATOR CONTROLS <del>14</del> 5 arc work deleted
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COMETTA / CIANFICHI

COPIES OF THIS SET OF ARCHITECTURAL DRAWINGS TO BE SUBMITTED TO THE CALIFORNIA STATE FIRE MARSHAL:

59314, JUL 28 1993

APPROVAL: *[Signature]* **APPROVED**

IDENTIFICATION: *[Signature]*

Department of Corrections  
Office of the State Architect

DATE: AUG - 2 1993

Structural Safety Section  
# 59314

THIS PLAN DOES NOT AUTHORIZE OR APPROVE THE DEVIATION FROM APPLICABLE REGULATIONS. THIS PLAN IS SUBJECT TO FIELD INSPECTION. ONE SET OF APPROVED PLANS SHALL BE AVAILABLE AT THE PROJECT SITE AT THE TIME OF INSPECTION.

*[Signature]* 59314-2893

CONSULTANT

*AS BUILT - 11/10/95*

*[Signature]* - SAUSAL

ARCHITECT

**C/C**

**COMETTA / CIANFICHI**  
ARCHITECTURE • PLANNING

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Telephone: (510) 232-2637  
Fax Number: (510) 232-7291

PROJECT

**ARCHITECTURAL BARRIER REMOVAL**

**CONTRA COSTA COLLEGE**  
2600 Mission Bell Drive  
San Pablo, CA 94806

CONTRA COSTA COMMUNITY COLLEGE DISTRICT

STATUS

**BID SET**

REVISIONS: (Δ indicates revisions made to this sheet)

NO.	DATE	NO.	DATE
Δ	6/23/94	ADDENDUM	#1

SHEET TITLE

**Typical Accessibility Details**

DRAWN BY

CHECKED BY

APPL NO

DATA NO

PROJECT NO

DATE

SHEET

2657.89

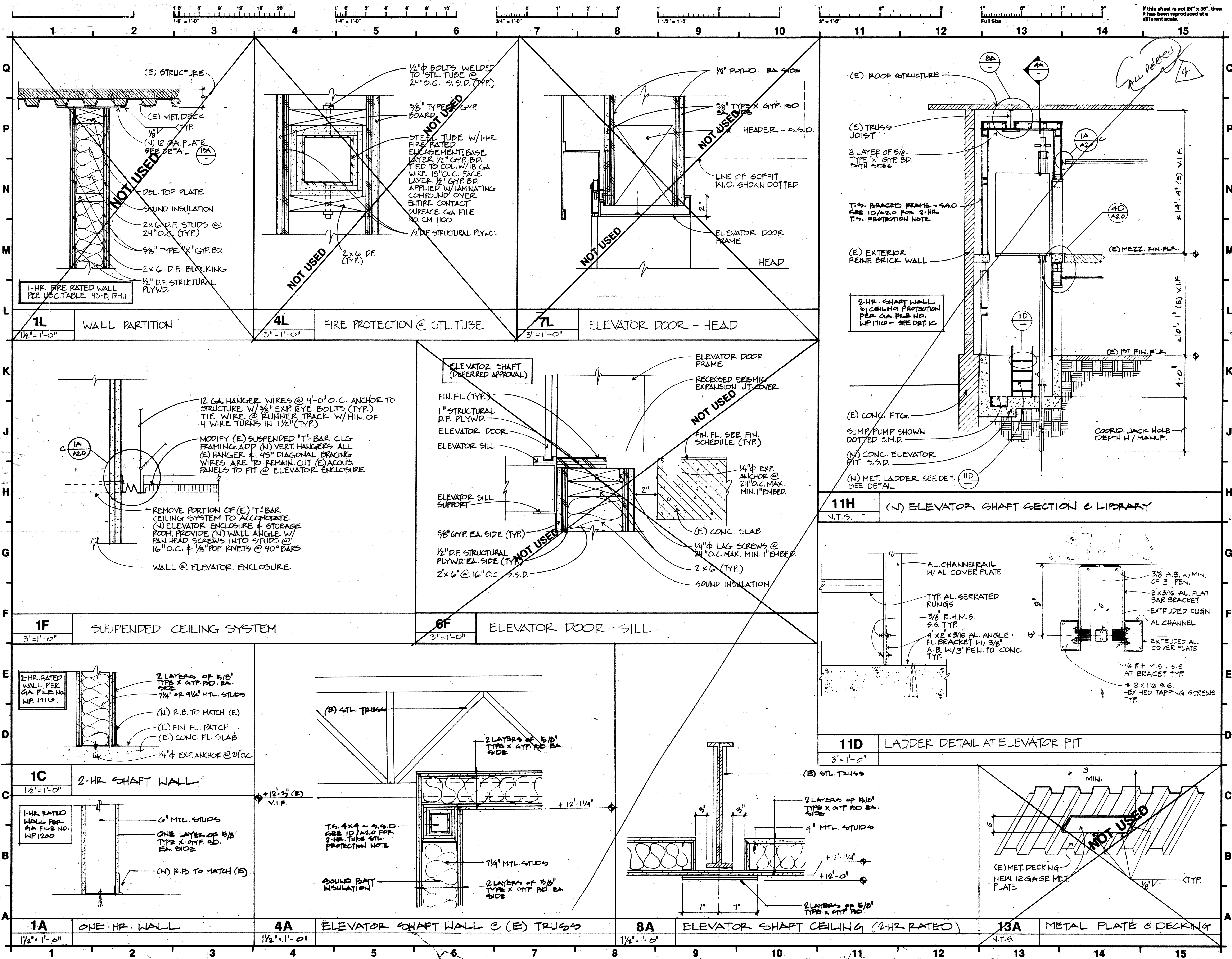
2/17/93

59314 7-C1

**A3.0**



Progress print  
Issue date  
4/14/93  
22 MAR 94



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APPROVED

59314 JUL 28 1993

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PROJECT

ARCHITECTURAL  
BARRIER REMOVAL  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

STATUS

BID SET

REVISIONS: (Δ indicates revisions made to this sheet.)

NO. DATE NO. DATE

SHEET TITLE

ELEVATOR DETAILS  
Work Deleted  
Δ 4

DRAWN BY: PROJECT NO: 2657.89

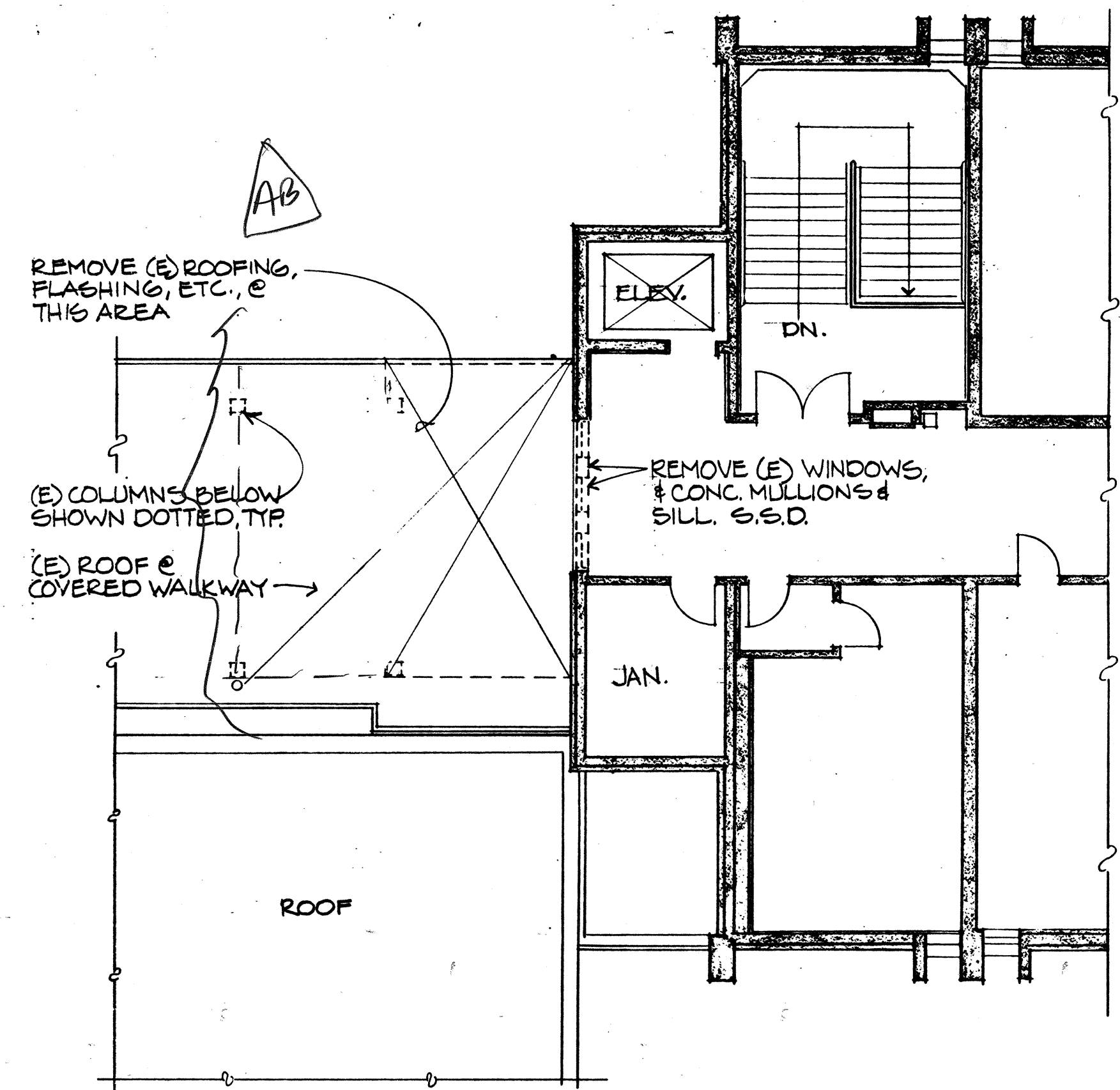
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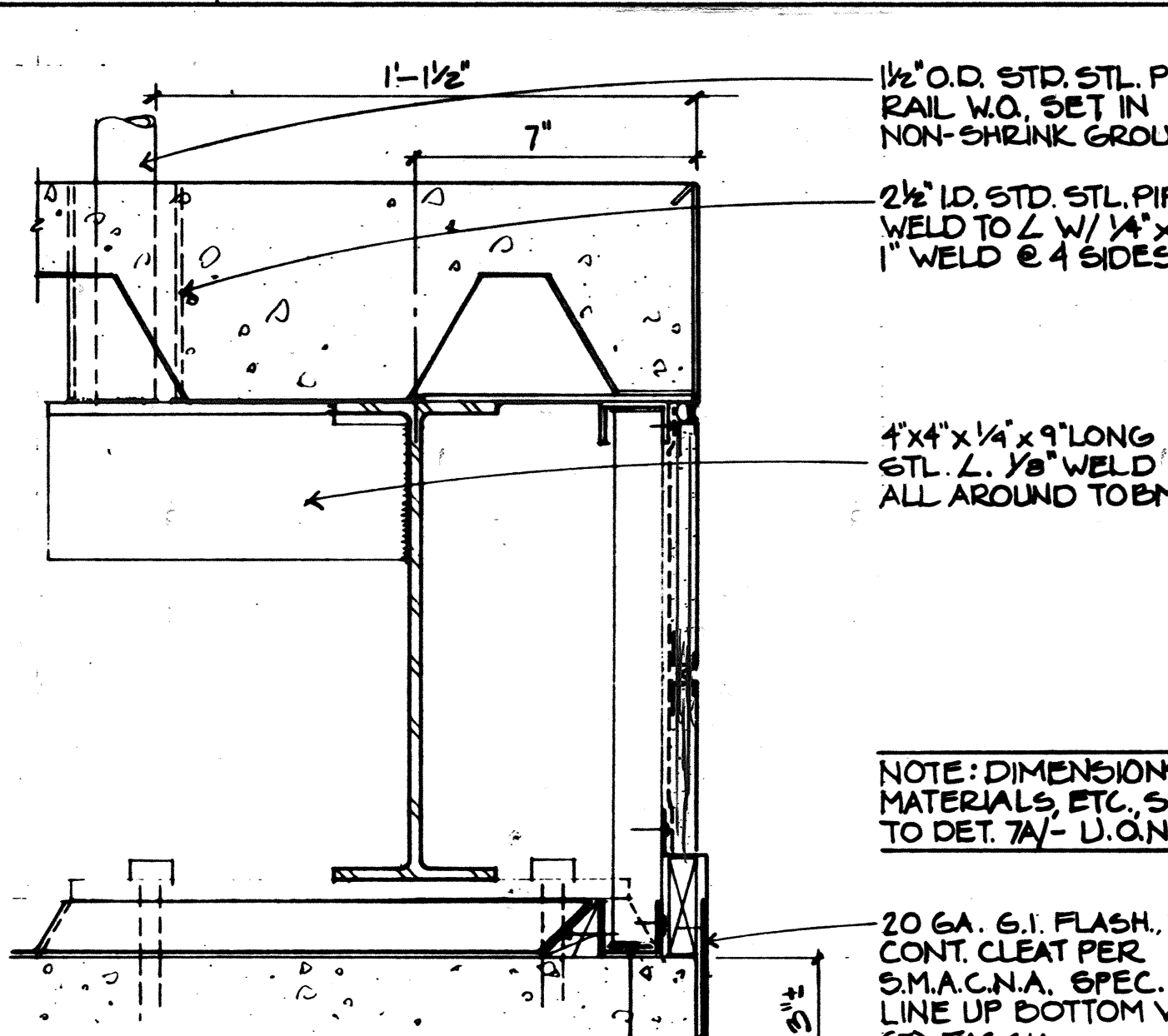
DATE: NO. OF:

FORM NO. 00-101 JANUARY 1982





 ADD ENTIRE SHEET



7G  
EDGE @ LANDING PLATFORM

5'-1'-0" REF 11A/-

2 1/2" I.D. STD. STL. PIPE, WELD TO STL. DM. W/ 1/4" x 1' LONG WELD @ 4 SIDES.

CONC. @ STL. DECK, S.S.D.

15/8" x 20 GA. G.I. RUNNER TRACK SPOT WELD @ 12" O.C.

3 3/8" G.I. STUD. FLAT. W/ #8 S.M.S. @ TOP & BOT. @ 16" O.C. MAX.

STEEL BEAM & SUPPORT, S.S.D.

SINGLE-PLY ROOF MEMBRANE

RDWD. CANT FROM 2x

6"

1 1/2" O.D. STD. STL. PIPE, RAIL W.O. S. IN NON-SHRINK GROUT 1/2" ALL SIDES

16 GA. G.I. CLOSURE 1/8" WELD 1" LONG @ 12" O.C. TO STL. DECK

1/2" SEALANT JT. W/ BACKER ROD

3/4" CEM. PLASTER W/ ASBEST. PAPER DCL LATH, & CASING BEAD

Galv metal over felt + pw

5/8" CONTROL JT. LITH W/ CASING BEAD @ V

REGLET W/ #8 S.M.S. EA. STUD. & VINYL FLASHING RETAINER

1x3 RDWD. SPACER RDWD. CANT FROM 1

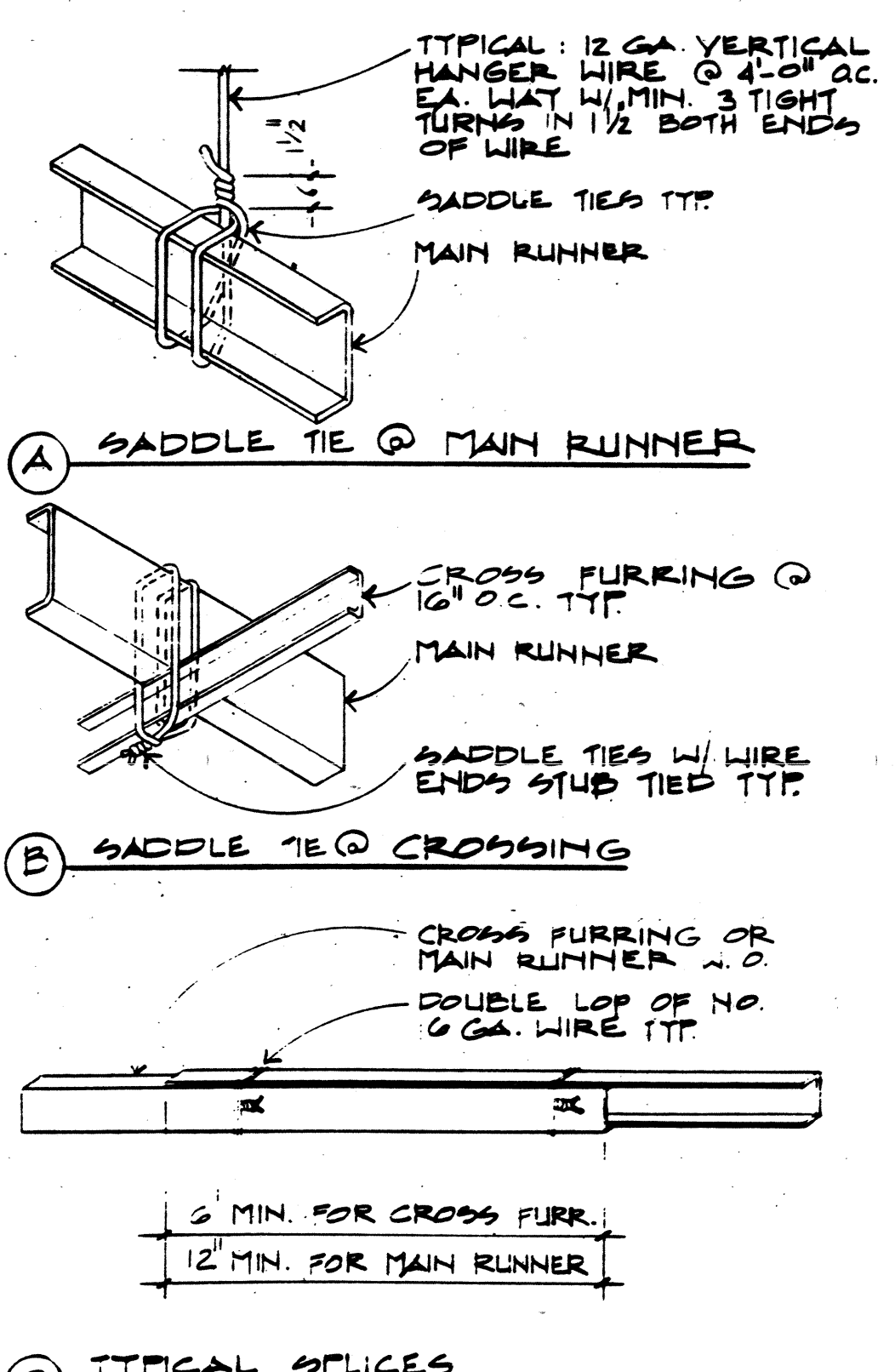
(N) D.U.R., PATCH TO

(C) CONC. WALKWAY COVER SLAB

15/8" x 20 GA. G.I. DECK L.E. RUNNER TRACK W/ 2 1/2" x 145° POWDRY DRIVEN PINS & 1/2" x WASHERS @ 24" O.C.

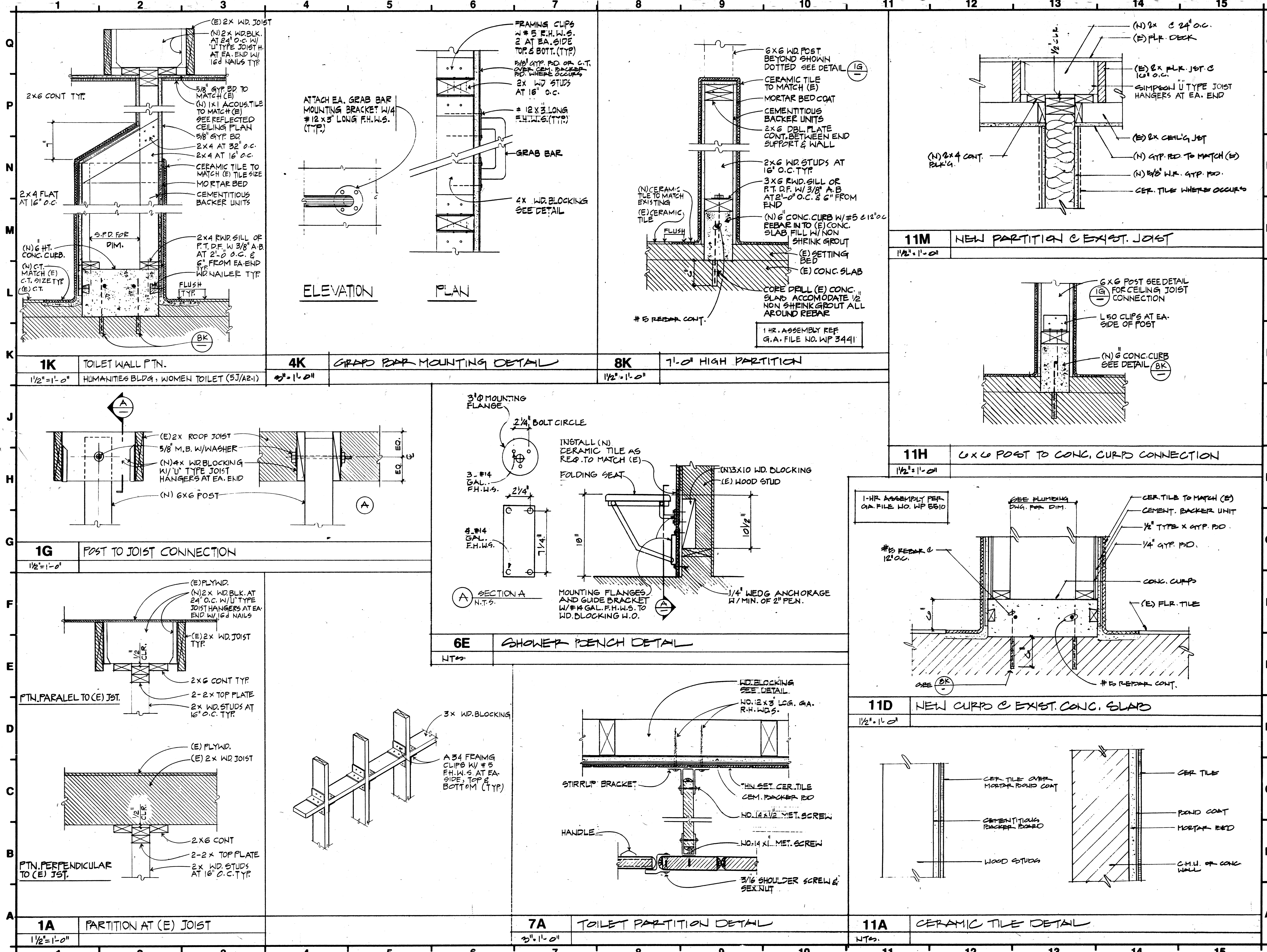
Q.C.F. OF (C) COLS BELOW

FOR SEALANT BETWEEN SLAB OR CEM. PLASTER LATH 1/2" SEALANT JK



100





COMETTA / CIANFICHI

ARCHITECT

CONSULTANT: AS BUILT - 11/10/95

ARCHITECT: C/C COMETTA / CIANFICHI ARCHITECTURE • PLANNING

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PROJECT: ARCHITECTURAL BARRIER REMOVAL  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

CONTRA COSTA Community College District

STATUS: BID SET

REVISIONS: (1) indicates revisions made to this sheet.

NO. DATE NO. DATE

SHEET TITLE: Details

DRAWN BY: PROJECT NO. 2657.89

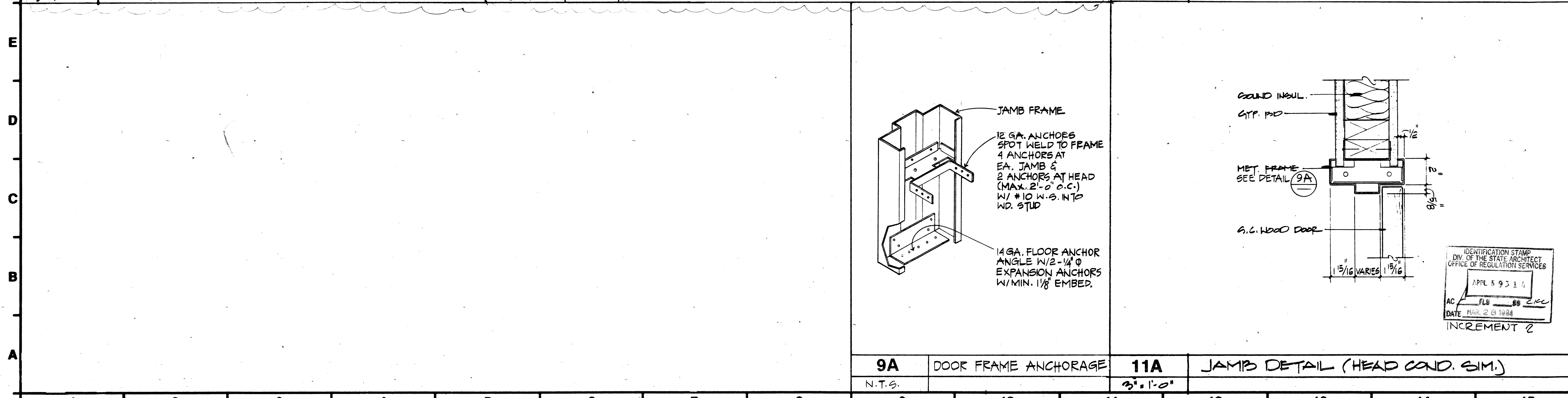
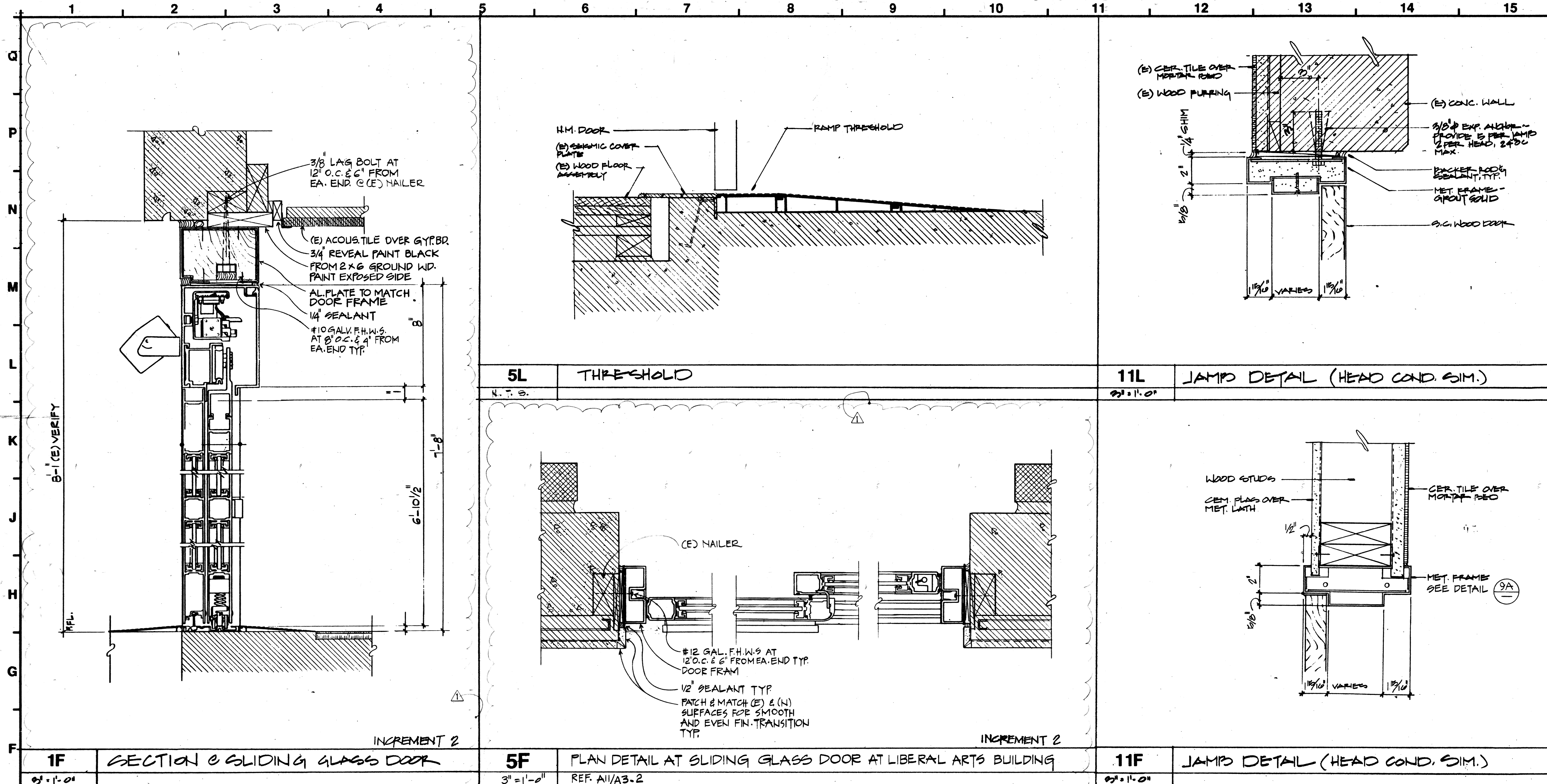
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APPL. NO. 59514 7-C1 SHEET: A3.3

DATE NO. OF

FORM NO. CC-101 JANUARY 1992





COMETTA / CIANFICHI

59314 APR 28 1993

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PROJECT

ARCHITECTURAL  
BARRIER REMOVAL  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

Contra Costa Community  
College District

STATUS

BID SET

REVISIONS: (Δ indicates revisions made to this sheet.)

NO. DATE NO. DATE

3/22/94 INCREMENT 2

SHEET TITLE

DETAILS

DRAWN BY: PROJECT NO: 2657.89

CHECKED BY: DATE: 2/17/93

APPL. NO: 59314 7-C1 SHEET: A3.4

DATA NO: NO. OF:



# GENERAL NOTES

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS AND THE 1991 CALIFORNIA BUILDING CODE C.B.C. (TITLE 24, PART 2 OF THE CALIFORNIA CODE OF REGULATIONS). THESE NOTES SHALL APPLY TO ALL STRUCTURAL DRAWINGS UNLESS OTHERWISE NOTED OR SHOWN.

FEATURES OF CONSTRUCTION SHOWN ARE TYPICAL AND SHALL APPLY GENERALLY THROUGHOUT SIMILAR CONDITIONS. UNLESS SHOWN OTHERWISE, DETAILS SHOWN ON "TYPICAL DETAIL" SHEETS SHALL BE USED WHENEVER APPLICABLE. SPECIFIC DETAILS ON THE STRUCTURAL DRAWINGS TAKE PRECEDENCE OVER "TYPICAL DETAIL" SHEETS. SPECIFIC NOTES ON STRUCTURAL DRAWINGS TAKE PRECEDENCE OVER NOTES SHOWN IN "GENERAL NOTES". DETAILS AND NOTES ON STRUCTURAL DRAWINGS TAKE PRECEDENCE OVER SPECIFICATIONS.

THE STRUCTURAL DRAWINGS SHOW STRUCTURAL FEATURES. EXACT CONFIGURATION FOR INTERIOR PARTITION WALLS ARE SHOWN ON ARCHITECTURAL DRAWINGS, AND ARE NOT NECESSARILY SHOWN ON THE STRUCTURAL DRAWINGS. PROVIDE ANCHORAGE, INSERTS, ANCHOR BOLTS, ETC., FOR STRUCTURAL CONNECTIONS OF TOP, SIDES, AND BOTTOM OF ALL PARTITION WALLS AS LOCATED ON THE ARCHITECTURAL DRAWINGS.

REFER TO THE ARCHITECTURAL DRAWINGS AND THE SPECIFICATIONS FOR THE FOLLOWING: FLOOR FINISHES; DEPRESSIONS AND CURBS ON FLOORS; OPENINGS REQUIRED FOR WINDOWS, DOORS, DUCTS, VENTS, PLUMBING, ETC.; FLASHING, INSERTS, ANCHORAGE, HANGERS, ETC.; EMBEDDED IN OR ATTACHED TO THE STRUCTURE: ROADS, WALKS, PAVING, STAIRS, TERRACES, EXTERIOR GRADES, ELEVATIONS OF ROOF SURFACE AND LOCATIONS OF DRAINS AND PARTITION WALLS.

THE CONTRACTOR SHALL COMPILE THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS AS TO ALL LAYOUTS, DIMENSIONS AND ELEVATIONS. DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT FOR PROPER ADJUSTMENT BEFORE PROCEEDING WITH THE WORK.

IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE DRAWINGS OR CALLED FOR IN THE GENERAL NOTES OR SPECIFICATIONS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS SHOWN FOR SIMILAR CONDITIONS.

BEAMS, JOISTS AND ANY OTHER STRUCTURAL ELEMENTS SHALL NOT BE CUT OR PENETRATED, EXCEPT AS SHOWN IN STRUCTURAL DETAILS OR AS APPROVED BY THE ARCHITECT AND STRUCTURAL ENGINEER. AT NEW OR EXISTING CONSTRUCTION, NO OVERCUTTING OR CUTTING SHALL BE PERMITTED.

CONCRETE. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. FEATURES OF EXISTING CONSTRUCTION SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD AND DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT.

UNDERPINNING, BRACING, AND/OR SHORING OF EXISTING BUILDING ELEMENTS AND EXISTING ADJACENT BUILDINGS:

1) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR (OR THE CONTRACTOR'S SUBCONTRACTOR) TO DETERMINE THE UNDERPINNING, BRACING, AND/OR SHORING REQUIREMENTS AND TO SUBMIT DETAILS AND CALCULATIONS TO THE STATE ARCHITECT (OR) FOR REVIEW AND APPROVAL PRIOR TO COMMENCING CONSTRUCTION. DETAILS AND CALCULATIONS SHALL BE PREPARED AND SIGNED BY A GEOTECHNICAL ENGINEER PREPARED AND SIGNED BY A GEOTECHNICAL ENGINEER AND A STRUCTURAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA.

2) THE ENGINEERS OF RECORD FOR THIS PROJECT SHALL NOT BE ASSOCIATED WITH THIS WORK.

3) RAZZANO ASSOCIATES INC., IS NOT RESPONSIBLE FOR THIS WORK.

SEE ARCHITECTURAL DRAWINGS FOR DETAILS ON REQUIRED VENTILATION OF ROOF JOISTS, FLOOR JOISTS AND ATTIC SPACES.

THE GENERAL CONTRACTOR SHALL REVIEW AND COORDINATE ALL SHOP DRAWINGS AND STAMP THEM "REVIEWED" PRIOR TO SUBMITTING THEM TO THE ARCHITECT FOR REVIEW. SHOP DRAWINGS ARE PRODUCED TO FACILITATE FABRICATION AND COORDINATION BY THE CONTRACTORS. SHOP DRAWINGS SHALL BE EXCHANGED AND COORDINATED BY THE CONTRACTORS. THEY SHALL IN NO WAY TAKE PRECEDENCE OVER THE GOVERNING AGENCY'S APPROVED CONTRACT DOCUMENTS. REVIEW BY THE ARCHITECT AND/OR STRUCTURAL ENGINEER IS INTENDED TO BENEFIT THE FABRICATORS AND CONTRACTORS. NO APPROVAL IS IMPLIED OR INTENDED FOR VARIATIONS BETWEEN SHOP DRAWINGS AND THE CONTRACT DOCUMENTS. WHEN DIFFERENT COMPONENTS ARE ERECTED, THEY ARE INSPECTED FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS, NOT THE SHOP DRAWINGS.

## SYMBOLS AND ABBREVIATIONS

NTS	NOT TO SCALE	FC	GALVANIZED FRAMING CLIP
A-S2	SECTION A ON DRAWINGS S2	SMD	SEE MECHANICAL DETAILS
SAD	SEE ARCH. DRAWINGS OR DETAILS	DJ	DOUBLE JOIST
FS	FACE OF STUD	OTJH	OVER-THE-TOP GALVANIZED JOIST HANGER
JST	JOIST OR RAFTER	UON	UNLESS OTHERWISE NOTED
JH	JOIST HANGER	GL	GLU-LAMINATED LUMBER
PW	STRUCT PLYWOOD	CP	COMPLETE PENETRATION
MB	MACHINE BOLT	(N)	NEW
AB	ANCHOR BOLT	(E)	EXISTING
SB	SEMI-BOLT	PTDF	PRESTRESS
WA	WEDGE ANCHOR	MU	MECHANICAL UNIT
FTG	FOOTING	CJ	CONSTRUCTION JOINT OR CONTROL JOINT
STS	STEEL SHAPPING	SPD	SEE PLUMBING DRAWINGS
VIF	VERIFY IN FIELD	TJB	TOP AND BOTTOM WORK POINT
EF	EACH FACE	XXS	DOUBLE XS
EW	EACH WAY	XS	EXTRA STRONG
CR	REDWOOD LUMBER		
W	A CONTINUOUS MEMBER IN SECTION		
	A NON-CONTINUOUS MEMBER SUCH AS SOLID BLOCK IN SECTION		

## FOUNDATIONS (ELEVATOR IN LIBRARY BLDG. SHEET S2.1)

FOOTINGS SHALL BEAR ON NATURAL SOILS OR COMPACTED FILL. FOR BIDDING PURPOSES, THE ELEVATION OF THE BOTTOM OF FOOTINGS SHALL BE AS INDICATED ON THE FOUNDATION PLANS AND ON DETAILS. THEY SHALL BE SUBJECT TO APPROVAL BY THE SOIL ENGINEER DURING FOUNDATION EXCAVATION AND CONSTRUCTION.

SOIL PRESSURES UNDER (E) BELL FOOTINGS AS DESIGNED DO NOT EXCEED 4,000 PSF DUE TO DEAD LOAD, NOR EXCEED 6,000 PSF DUE TO DEAD LOAD PLUS LIVE LOAD AS CALLED FOR ON SHEET S10 OF THE ORIGINAL EXISTING LIBRARY BUILDING DRAWINGS DATED 27 NOV. 1961.

WHERE FOUNDATION WALL BACKFILL IS NECESSARY, THE BACKFILL SHALL BE PLACED SIMULTANEOUSLY ON EACH SIDE OF WALL, AND THE LEVEL ON ONE SIDE SHALL NOT EXCEED THE OTHER SIDE BY MORE THAN 6" DURING THIS OPERATION.

FOOTINGS SHALL BE CENTERED UNDER BEARING WALLS ABOVE UNLESS OTHERWISE NOTED.

SEE ARCHITECTURAL, PLUMBING, MECHANICAL, ELECTRICAL AND ANY OTHER INCLUDED DRAWINGS, AND CONSULT WITH THE RESPECTIVE TRADES FOR VERIFICATION OF ALL ITEMS SHOWN OR NOT SHOWN ON STRUCTURAL PLANS PRIOR TO POURING CONCRETE FOOTINGS AND FLOOR SLABS.

VERIFY LOCATIONS FOR OPENINGS OR PENETRATIONS THROUGH CONCRETE, CONCRETE CURBS, FLOOR DEPRESSIONS, FLOOR SLOPES AND DRAINS, INSERTS, ETC. SEE SHT. S3.2 FOR BRIDGE AND WALKWAY FOUNDATION NOTES.

## CONCRETE

NOTIFY THE ARCHITECT, STRUCTURAL ENGINEER AND THE OFFICE OF THE STATE ARCHITECT A MINIMUM OF 48 HOURS PRIOR TO COMMENCEMENT OF CONCRETING OPERATIONS. ALL CONCRETE SHALL BE REINFORCED UNLESS NOTED "NOT REINFORCED".

THE REBAR SUBCONTRACTOR SHALL FURNISH AND INSTALL ONE-HALF TON OF VARIOUS SIZES AND SHAPES OF REINFORCING BARS TO BE PLACED IN LOCATIONS PRESCRIBED BY THE STRUCTURAL ENGINEER DURING CONSTRUCTION. THE UNIT PRICE PER TON FOR MORE OR LESS THAN THE AMOUNT SPECIFIED ABOVE SHALL BE INCLUDED IN THE BID DOCUMENTS.

SEE SPECIFICATIONS FOR THE REQUIREMENTS IN THE PRODUCTION, TESTING, AND INSTALLATION OF CONCRETE.

THE MAXIMUM PERMISSIBLE WATER-CEMENT RATIOS FOR CONCRETE, SHALL BE PER ACI TABLE 5.4C 318-89.

CONTRACTOR SHALL PROVIDE ADMIXTURES, SUCH AS SUPER PLASTICIZERS, WHERE REQUIRED TO IMPROVE THE WORKABILITY OF CONCRETE AT NO ADDITIONAL COST TO THE OWNER. ADMIXTURES SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL A MINIMUM

OF 3 DAYS PRIOR TO USE. SEE ARCHITECTURAL DRAWINGS FOR LOCATION, EXTENT, AND REINFORCEMENT OF EXTERIOR WALLS AND PAYMENT.

SEE ARCHITECTURAL DRAWINGS FOR SURFACE FEATURES SUCH AS CHAMBERS, REVEALS, ETC. REINFORCEMENT SHALL BE ASTM A615-42 FOR #4 AND #5 AND A615-40 FOR #6 AND LARGER, WITH BARS MARKED LEGIBLY ROLLED INTO THE SURFACE INDICATING SIZE, TYPE OF STEEL, AND YIELD STRENGTH DESIGNATION.

CONCRETE SHALL TEST NOT LESS THAN 3,000 PSI AT 28 DAYS. FOR ALL STRUCTURAL AND FOUNDATION ELEMENTS, UNLESS SHOWN OTHERWISE, CONCRETE SHALL BE 4,000 PSI.

REBAR WELDED TO STRUCTURAL STEEL SHALL BE SUPPLIED BY REBAR SUBCONTRACTOR AND ALL WELDING SHALL BE DONE BY STRUCTURAL STEEL SUBCONTRACTOR. ALL BARS THAT ARE WELDED SHALL MEET THE REQUIREMENTS OF ASTM A706.

BAR COVERAGE TO FACE OF BAR, EXCEPT AS OTHERWISE SHOWN, SHALL BE: 3" WHERE CONCRETE IS POURED AGAINST EARTH OR IN CONTACT WITH GROUND, 2" FOR BODIFORM CONCRETE, AND 1" FOR STRIPS OF CONCRETE. SURFACES ARE EXPOSED TO EARTH OR TO WEATHER AFTER REMOVAL OF FORMS.

1-1/2" FOR #5 AND SMALLER, WHERE CONCRETE SURFACES ARE EXPOSED TO EARTH OR TO WEATHER AFTER REMOVAL OF FORMS.

1-1/2" FOR COLUMNS OR TIES

1-1/2" FOR STRIPS OF CONCRETE

1-1/2" FOR WALL BARS (DOUBLE MAT)

ALL CONCRETE CURBS ARE 6" HIGH, UNLESS OTHERWISE NOTED. ALL TOILET ROOM STUD WALLS SHALL HAVE CONCRETE CURBS U.O.N.

INTERIOR SLABS ON GRADE SHALL BE REINFORCED AS SHOWN ON STRUCTURAL PLANS. LOCATIONS OF CONSTRUCTION JOINTS MUST BE APPROVED BY THE ARCHITECT. ALSO, ANY DEVIATION IN THE POURING OF THE CONCRETE SLAB FROM THE METHOD DESCRIBED ON THE TYPICAL CONSTRUCTION JOINT DETAIL SHALL BE REVIEWED BY THE STRUCTURAL ENGINEER PRIOR TO POURING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPOSED METHOD. THE CONTRACTOR WILL ASSUME ALL RESPONSIBILITY FOR THE CHANGED CONSTRUCTION JOINT DETAIL.

THE SURFACE OF ALL CONSTRUCTION JOINTS, INCLUDING EXISTING CONSTRUCTION, SHALL BE CLEANED BY REMOVING THE ENTIRE SURFACE AND EXPOSING CLEAN AGGREGATE SOLIDLY EMBEDDED IN MORTAR MATRIX.

ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED. PROVIDE MODIFIED CONCRETE MIX AT HORIZONTAL CONSTRUCTION JOINTS WHERE CONDITIONS MAKE PUDDLING DIFFICULT AND/OR WHERE REINFORCING IS CONGESTED.

CONCRETE SHALL CONTAIN 50 PERCENT OR LESS OF COARSE AGGREGATES SPECIFIED IN CONCRETE MIX DESIGN.

CURING UNFORMED SURFACES:

1. CURE FOR ONE DAY TO SEVEN DAYS BY MAINTAINING THE CONCRETE ABOVE 50 DEGREES F, AND IN MOIST CONDITION, KEEPING THE SURFACE CONTINUOUSLY WET BY COVERING WITH WATER OR BY CONTINUOUS WATER-FOG SPRAY.

2. APPLY MEMBRANE-FORMING CURING COMPOUND TO DAMP CONCRETE SURFACES IMMEDIATELY AFTER THE COMPLETION OF THE MOIST-CONDITIONING PERIOD. APPLY UNIFORMLY IN TWO-COAT CONTINUOUS OPERATION BY POWER-SPRAY EQUIPMENT, IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS. RECOAT AREAS WHICH ARE SUBJECT TO HEAVY RAINFALL WITHIN THREE HOURS AFTER INITIAL APPLICATION. MAINTAIN A LETTER TO THE CONTRACTOR OF THE CURING PERIOD IS 28 DAYS LONG.

3. MAKE TESTS TO CONFIRM THAT MEMBRANE-FORMING CURING COMPOUND IS SATISFACTORILY APPLIED BY CLEANING THE ENTIRE SURFACE AND POSITIVELY HELD IN PLACE ON THE SURFACE OF THE CONCRETE, AND DETERMINE IF WATER VAPOR HAS MIGRATED FROM THE CONCRETE AND CONDENSED ON THE UNDERSIDE OF THE POLYETHYLENE. MAKE ONE TEST FOR THE AREA OF CONCRETE POURED EACH DAY.

4. IF CONDENSATION APPEARS, THEN RE-APPLY MEMBRANE-FORMING COMPOUND AND RETEST FOR VAPOR MIGRATION.

CURING FORMED SURFACES: CURE FORMED SURFACES BY MOIST CURING WITH FORMS IN PLACE FOR FULL CURING PERIOD OR UNTIL FORMS ARE REMOVED. WHEN FORMS ARE REMOVED, CONTINUE CURING BY METHODS SPECIFIED ABOVE, AS APPLICABLE, FOR FULL CURING PERIOD.

SHORING AND RESHORING: CONTRACTOR IS RESPONSIBLE FOR THE SHORING AND RESHORING OF ALL NECESSARY ELEMENTS. THIS INCLUDES THE DETERMINATION, DESIGN, INSTALLATION AND REMOVAL OF SHORING AND RESHORING OF SLABS AND BEAMS SHALL NOT BE REMOVED UNTIL CONCRETE IS 28 DAYS OLD.

THE AGGREGATES IN THE CONCRETE FOR THIS PROJECT SHALL BE COMPOSED OF LOCALLY AVAILABLE FINE AND COARSE AGGREGATES OF THE TYPE CALLED FOR IN THE SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE GENERAL AND SOURCE AND PERFORMANCE HISTORY OF THESE LOCAL AGGREGATES. CONCRETE CRACKING IS UNAVOIDABLE. IF THE OWNER AND/OR ARCHITECT DETERMINE THAT REDUCED CRACKING IS REQUIRED, THEY SHALL NOTIFY THE STRUCTURAL ENGINEER SO THAT LOW SHRINKAGE AGGREGATES WITH A HISTORY OF REDUCED CRACKING CAN BE SPECIFIED.

SEE MECHANICAL AND/OR ARCHITECTURAL DRAWINGS FOR LOCATION, SIZE, AND DETAILS OF CONCRETE PANS.

CAMBER FOR MEMBERS: ALL MEMBERS WITH A SPAN-TO-DEPTH RATIO GREATER THAN 10 SHALL BE CAMBERED. CAMBER SHALL BE AS SHOWN ON STRUCTURAL DRAWING OR, IF NOT SHOWN, SHALL BE 1/360 WHERE "L" IS THE CLEAR SPAN BETWEEN SUPPORTS.

IF A NON-CAMBERED POINT BETWEEN SUPPORTS, THE INTERSECTION OF THE MIDSPAN DIMENSION BETWEEN SUPPORTS. THIS CAMBER SHALL BE 1/360 WHERE "L" IS THE SHORTER CLEAR SPAN. ALL CANTILEVER SPANS SHALL BE CAMBERED UPWARD AT THE CANTILEVER END 1/180 U.O.N. WHERE "L" IS THE CLEAR CANTILEVER SPAN FROM THE SUPPORT.

EXISTING CONCRETE

WHERE NEW CONSTRUCTION IS INTEGRATED WITH EXISTING CONCRETE CONSTRUCTION, CARE SHALL BE TAKEN SO AS NOT TO DAMAGE EXISTING REMAINING CONCRETE AND REINFORCING. WHERE NEW CONCRETE ABUTS EXISTING CONCRETE ROUGHEN EXISTING CONCRETE SURFACE SO AS TO EXPOSE SOLID MORTAR MATRIX WITH 1/4" MINIMUM AMPLITUDE TYPE. APPLY APPROVED BONDING AGENT TO SURFACE OF EXISTING CONCRETE.

HOLES FOR GROUDED ANCHORS SHALL BE DRILLED WITH A BOLT HANGER OR HOLE SIZE NOT LESS THAN 1/2" GREATER THAN ANCHOR ROD DIAMETER, UNLESS OTHERWISE NOTED. GROUT SHALL BE NON-SHRINK AND SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI. LOCATE EXISTING REINFORCING BARS PRIOR TO DRILLING HOLES. DO NOT DAMAGE EXISTING REINFORCING. METHOD OF LOCATING REINFORCING BARS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER. ALL MISDRILLED OR UNACCEPTABLE HOLES SHALL BE GROUTED SOLID.

NEW OPENINGS IN EXISTING SLABS AND WALLS:

1. POSITIVE BARS IN EXISTING CONCRETE SHALL BE REMOVED BY THE SLAB OR WALL WITH X-RAY SURVEY. DO NOT CUT EXISTING BEAMS OR JOISTS.

2. DRILL FOUR 2" DIAMETER HOLES WITH ROTARY HAMMER AT CORNERS OF EACH RECTANGULAR OPENING AND ON THE PERIMETER OF EACH CIRCULAR OPENING.

3. SAW CUT TO EDGE OF OPENING. DO NOT OVERCUT, OVERCUTTING NOT ALLOWED.

CARPENTRY

SILLS ON CONCRETE SHALL BE NO. 2 GRADE, PRESSURE-TREATED DOUGLAS FIR WITH AWPB STAMP, 3" THICK AT STRUCTURAL PLYWOOD SHEATHED WALLS AND 2" MINIMUM THICK ELSEWHERE. THEY SHALL BE ANCHORED WITH 5/8" DIAMETER X 14" MACHINE BOLTS UNLESS OTHERWISE NOTED. (Holes MAY BE 1/8" OVERSIZE) WITH A BOLT WITHIN 6" AND HOLES NO LESS THAN 6" OF EACH END OF EACH STICK AND SPACED NOT OVER 48" O.C. BETWEEN. SEE STRUCTURAL DETAILS FOR SPECIFIC SPACING OF ANCHOR BOLTS WHICH MAY BE NOTED AS LESS THAN 48" O.C. THERE SHALL BE AT LEAST 2 BOLTS IN EACH STICK. WHERE NOTCHES FOR PIPES, ETC., EXCEED 1/3 THE WIDTH OF THE SILL, PLACE A BOLT WITHIN 9" OF EACH SIDE OF NOTCH. TIEDOWN BOLTS SHALL NOT BE CONSIDERED AS SILL BOLTS. SILLS SHALL BE BEDDED IN 1:2 MORTAR 3/4" THICK. ALL POST SHALL BE FULL HEIGHT OF BUILDING AND SHALL BE SOLID BLOCKED AT FRAMING LEVELS. NO MEMBERS SHALL FALL BELOW GRADE.

FRAMING LUMBER: DOUGLAS FIR, NORTH REGION MANUFACTURED AND GRADED IN ACCORDANCE WITH THE WEST COAST LUMBER INSPECTION BUREAU "STANDARD GRADING RULES NO. 16" EFFECTIVE SEPTEMBER 1, 1970 AND REVISED JANUARY 1, 1988.

STRUCTURAL LIGHT FRAMING: NO. 1 (PARA. 124) 2" TO 4" THICK; 2" AND WIDER

STRUCTURAL JOISTS AND PLANKS: NO. 1 (PARA. 123) 2" TO 4" THICK; 2" AND WIDER

BEAMS: NO. 1 STRUCTURAL, FREE OF HEART CENTER (PARA. 130) 5" AND THICKER; WIDTH MORE THAN 2" GREATER THAN THICKNESS

POSTS: NO. 1 STRUCTURAL (PARA. 131)

STUDS: 2x4 OR 3x4 CONSTRUCTION (PARA. 122)

2x6 AND LARGER NO.1 (PARA. 123)

BLOCKING AND BRIDGING - PROVIDE AS FOLLOWS:

A. 2" SOLID BLOCKING BETWEEN JOISTS AND RAFTERS OVER SUPPORT.

B. 2"x3" (MIN.) CROSS BRIDGING BETWEEN JOISTS AND RAFTERS NOT OVER 8'-0" O.C. NOR MORE THAN 8'-0" FROM SUPPORT.

C. OMIT CROSS BRIDGING BETWEEN CEILING JOISTS AND RAFTERS 2x8 AND SMALLER.

D. CONTINUOUS 2" HERRINGBONE BRIDGING, SLOPE 3-IN-12, AT MID-HEIGHT OF STUDS OR SO SPACED THAT UNBRACED LENGTH OF STUDS SHALL NOT EXCEED 8'-0" EXCEPT WHERE WALL FINISH OR PLYWOOD SHEATHING AT SHEAR WALLS CALLS FOR SOLID HORIZONTAL BLOCKING.

WHERE JOISTS SPAN BETWEEN CONCRETE OR MASONRY WALLS, STEEL PLATE NAILS SHALL BE PROVIDED AT EACH END OF THE SAME JOIST, SUCH CONNECTED JOISTS SHALL NOT BE SPACED OVER 48" ON CENTER. WHERE A JOIST OR STUD IS PLACED AGAINST CONCRETE OR MASONRY WALL, BOLT TO WALL WITH 3/4" DIAMETER ANCHOR BOLTS AT NOT OVER 48" O.C.

DOUBLE TOP PLATES OF EXTERIOR WALLS SHALL NOT BE CUT TO LAP THE TOP PLATES OF INTERSECTING WALLS EXCEPT AT EXTERIOR WALL CORNERS OR AS OTHERWISE NOTED ON DRAWINGS.

PIPES EXCEEDING ONE-THIRD OF THE PLATE WIDTH SHALL NOT BE PLACED IN PARTITIONS USED AS BEARING OR SHEAR WALLS, UNLESS OTHERWISE DETAILED OR COMPLETELY FURRED CLEAR OF THE STUDS. PIPES SHALL PASS THROUGH THE CENTER OF THE PLATES USING NEATLY BORED HOLES. NO NOTCHING WILL BE ALLOWED.

LAG SCREWS SHALL BE SCREWED (NOT DRIVEN) INTO PLACE. DRILL HOLE SAME DIAMETER AND DEPTH AS SHANK, THEN DRILL HOLE SAME DIAMETER AS AT BASE OF THREAD FOR THE THREADED PORTION. USE PLATE WASHERS AS REQUIRED FOR SAME BOLT SIZE.

BOLTS IN WOOD SHALL BE MACHINE BOLTS UNLESS OTHERWISE NOTED. ALL MACHINE BOLTS AND ANCHOR BOLTS SHALL HAVE CUT THREADS (UPSET THREADS NOT ALLOWED).

BOLT HOLES IN WOOD AND STEEL SHALL BE THE DIAMETER OF THE BOLT PLUS 1/16". PROVIDE SQUARE PLATE WASHER UNDER HEAD AND NUT WHERE BEARING IS AGAINST WOOD. WASHER WILL NOT BE REQUIRED UNDER HEAD OF BOLTS. LENGTH OF THREAD SHALL BE SUCH THAT THREADS DO NOT BEAR AGAINST WOOD OR STEEL. ALL NUTS SHALL BE TIGHTENED WHEN PLACED AND RETIGHTENED AT COMPLETION OF THE JOB OR IMMEDIATELY BEFORE CLOSING WITH FINISH CONSTRUCTION.

BOLT DIAMETER WASHER

2 x STEEL PLATE WASHER

BOLT DIAMETER SQUARE STEEL PLATE

2 x 2 x 1/4"

2-1/2 x 2-1/2 x 1/4"

1-1/8"

1-1/4"

3-1/2 x 3-1/2 x 3/8"

3-1/2 x 3-1/2 x 3/8"

4 x 4 x 7/16"

4-1/2 x 4-1/2 x 1/2"

MALLEABLE IRON WASHERS MAY BE USED IN LIEU OF SQUARE STEEL PLATE WASHERS.

ALL ANCHOR BOLTS AND SILL BOLTS SHALL BE SECURED IN PLACE PRIOR TO POURING CONCRETE FOOTINGS.

ALL METAL CONNECTORS SUCH AS JOIST HANGERS, ETC SHALL BE SIMPSON U.O.N.

NAILING

ALL NAILS SHALL BE COMMON WIRE NAILS. WHERE NAILS TEND TO SPLIT THE WOOD, NAIL HOLES SHALL BE SUB-DRILLED.

SCHEDULE OF MINIMUM PERMISSIBLE CONNECTION

DETAILS	FASTENING
STUDS TO BEARING	2x6 AND SMALLER 2-10d TOENAILS EACH SIDE (3-10d TOENAILS EACH SIDE & BOTTOM WALLS WHEN EIGHT AT EXTERIOR WALL WHEN WALLS WHEN HEIGHT OF STUD EXCEEDS 13'-4")
2x8 AND LARGER	3-10d TOENAILS EACH SIDE TOP & BOTTOM EXTERIOR WALLS (3-10d TOENAILS EACH SIDE TO REDWOOD SILL WHEN STUD EXCEEDS 20'-0")
SOLE PLATES (ON SHEATHING)	PERPENDICULAR TO JOISTS 2-20d EACH JOIST
DOUBLE 2" TOP PLATES (USE 30d FOR 3" PLATES)	PARALLEL TO JOIST 2-20d FOR 2x6 STUDS OR SMALLER; 3-30d FOR 2x8; 2-20d FOR 3x4 STUDS
UPPER TO LOWER STAGGERED	16d 12" O.C. (MIN.) LAP 4'-0" WITH 16-16d EACH LAP. SEE PLANS FOR SPECIAL CONDITION.
JOIST OR RAFTERS	LAP AT INTERSECTIONS TO BEARING 2-10d TOENAILS EACH SIDE TO SIDE OR EDGE OF STUD 3-16d FOR 8" DEPTH JOIST OR LESS AND 1-16d FOR EACH ADDITIONAL 4" IN DEPTH FOR JOIST 12" O.C.
TO PARALLELING MEMBERS (PLATES, ETC.)	16d ALL LAPS (12" MIN.) TO JOISTS OR RAFTERS TO BEARINGS
4-16d TO JOISTS OR RAFTERS TO BEARINGS	2-10d TOENAILS EACH SIDE EACH END TOENAILS EACH SIDE
HERRINGBONE BRIDGING	2-8d TO STUDS
CROSS BRIDGING	2-10d TO JOISTS OR RAFTERS
MULTIPLE STUDS	16d EACH LAYER
BUILT-UP BEAMS (MULTIPLE JOISTS)	16d EACH LAYER
DOUBLE JOIST UNDER PARTITIONS	WHERE NOT BLOCKED 3-16d EACH BLOCK EACH SIDE (BLOCKS 2x 24" O.C.)

## STRUCTURAL STEEL

ALL STRUCTURAL STEEL SHALL BE ASTM A36. ALL STRUCTURAL TUBING SHALL BE ASTM A500 GRADE B. ALL STEEL PIPE COLUMNS SHALL BE ASTM A53 GRADE B. ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS, LATEST EDITION.

ALL BOLTED CONNECTIONS STEEL-TO-STEEL SHALL BE MADE WITH 3/4" DIAMETER HIGH-STRENGTH (A325SSC) BOLTS, UNLESS OTHERWISE NOTED.

ALL ANCHOR BOLTS SHALL BE ASTM A307.

ALL THREADED STEEL RODS SHALL BE ASTM A307 OR ASTM A36.

ALL MACHINE BOLTS, ANCHOR BOLTS, ALL-THREAD RODS, ETC., SHALL HAVE CUT THREADS, NOT ROLLED THREADS.

ALL CONNECTIONS SHALL BE STANDARD FRAMED BEAM CONNECTIONS WITH 3/8" THICK ANGLES, UNLESS OTHERWISE DETAILED ON PLANS.

STRUCTURAL STEEL THAT IS TO BE COVERED WITH SPRAY-ON FIREPROOFING SHALL NOT BE PAINTED.

AT HIGH-STRENGTH BOLTED CONNECTIONS, STRUCTURAL STEEL SHALL NOT BE PAINTED WITHIN THREE INCHES OF THE CENTERLINES OF THE BOLT HOLES. WOOD NAILERS ON STRUCTURAL STEEL, IF CALLED FOR ON THIS PROJECT, SHALL BE BOLTED WITH 5/8" DIAMETER CARRIAGE BOLTS @ 24" O.C. STAGGERED. ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS. ALL TESTING AND INSPECTION OF SHOP AND FIELD WELDING OPERATIONS SHALL BE MADE BY A CERTIFIED WELDING INSPECTOR.

ALL WELDS SHALL BE TESTED AND INSPECTED IN ACCORDANCE WITH: (a) THE CBC, TITLE 24, PART 2, SECTION 2727; (b) THE SPECIFICATIONS; (c) THE UNIFORM BUILDING CODE; (d) AWS D1.1. THE WELDING INSPECTOR SHALL CHECK THE MATERIAL EQUIPMENT, FIT UP AND PROCEDURES AS THE WELDER. THE INSPECTOR SHALL USE ALL MEANS NECESSARY TO DETERMINE THE QUALITY OF THE WELDS, INCLUDING THE USE OF GAMMA RAY, MAGNAFLUX, TREPPANNING, SONICS OR ANY OTHER AID TO VISUALLY INSPECT AND TO ASCERTAIN THE ADEQUACY OF THE WELDING. THE INSPECTOR SHALL FURNISH THE ARCHITECT AND THE STRUCTURAL ENGINEER WITH A REPORT VERIFYING THAT ALL WELDS ARE BEING DONE IN CONFORMITY WITH THE PLANS, SPECIFICATIONS, AWS D1.1 AND ANY OTHER APPLICABLE CODES.

WHERE CLOSURES THAN AISC TOLERANCES ARE NECESSARY, SUCH AS FOR ALIGNMENT OF STEEL STUDS, MULLIONS, GFRG PANELS, ETC., FIELD WELDING WILL BE REQUIRED TO MEET THE NECESSARY TOLERANCES WITH NO ADDITIONAL COSTS TO THE OWNER. WELDING OF REBAR TO STRUCTURAL STEEL SHALL BE DONE BY STRUCTURAL STEEL SUBCONTRACTOR.

BOLT HOLES IN STEEL SHALL BE 1/16" OVERSIZE, UNLESS OTHERWISE NOTED. STRUCTURAL STEEL SUBCONTRACTOR SHALL EXCHANGE SHOP DRAWINGS WITH SUBCONTRACTOR AND LIGHT-GAUGE STEEL FRAMING SUBCONTRACTOR FOR COORDINATION.

UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS, THE FABRICATION AND ERECTION REQUIREMENTS MAY DICTATE FIELD WELDING AND/OR SHOP WELDING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE METHOD OF WELDING TO FULFILL THESE REQUIREMENTS. ALL ASSOCIATED COSTS INCLUDING TESTING AND INSPECTION SHALL BE INCLUDED IN THE CONTRACT PRICE.

UNISTRUT, OR SIMILAR TYPE OF MEMBERS, SHALL BE MADE OF 12-GAUGE MATERIAL. ALL 1/2 DIAMETER SPRING NUTS AND BOLTS SHALL BE TORQUED TO 50-FOOT POUNDS. EXCEPTION: DO NOT TORQUE SPRING NUTS AND BOLTS WHERE MEMBERS ARE USED VERTICALLY AS A COMPRESSION STRUT FOR PIPE BRACING, ETC. THE TESTING LABORATORY INSPECTOR, OR THE PROJECT INSPECTOR, SHALL VERIFY THAT EVERY SPRING NUT AND BOLT HAS BEEN TORQUED WITH A TORQUE WRENCH CALIBRATED BY THE TESTING LABORATORY.

EXISTING FIREPROOFING REMOVED FOR NEW CONSTRUCTION SHALL BE REPLACED WITH SIMILAR FIREPROOFING AFTER NEW CONSTRUCTION HAS BEEN COMPLETED.

LIGHT-GAUGE STEEL FRAMING

METAL STUD FABRICATION SHALL CONFORM TO AISI SPECIFICATIONS FOR THE DESIGN OF LIGHT-GAUGE COLD FORMED SECTIONS AND SHALL BE GALVANIZED.

PROVIDE LIGHT-GAUGE STEEL FRAMING SHOP DRAWINGS SHOWING GAUGE, SIZE, AND TYPE OF MEMBERS, AND ALSO SHOWING WELDING, HEADERS, ATTACHMENTS, ETC. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW.

LIGHT-GAUGE STEEL FRAMING SUBCONTRACTOR SHALL EXCHANGE SHOP DRAWINGS WITH STRUCTURAL STEEL SUBCONTRACTOR AND STEEL DECKING SUBCONTRACTOR FOR COORDINATION.

ALL STUDS (AND/OR) JOISTS, 12, 14 AND 16 GAUGE, SHALL BE FORMED FROM STEEL THAT CONFORMS TO THE REQUIREMENTS OF ASTM A446, GRADE D, WITH A MINIMUM YIELD OF 50,000 PSI.

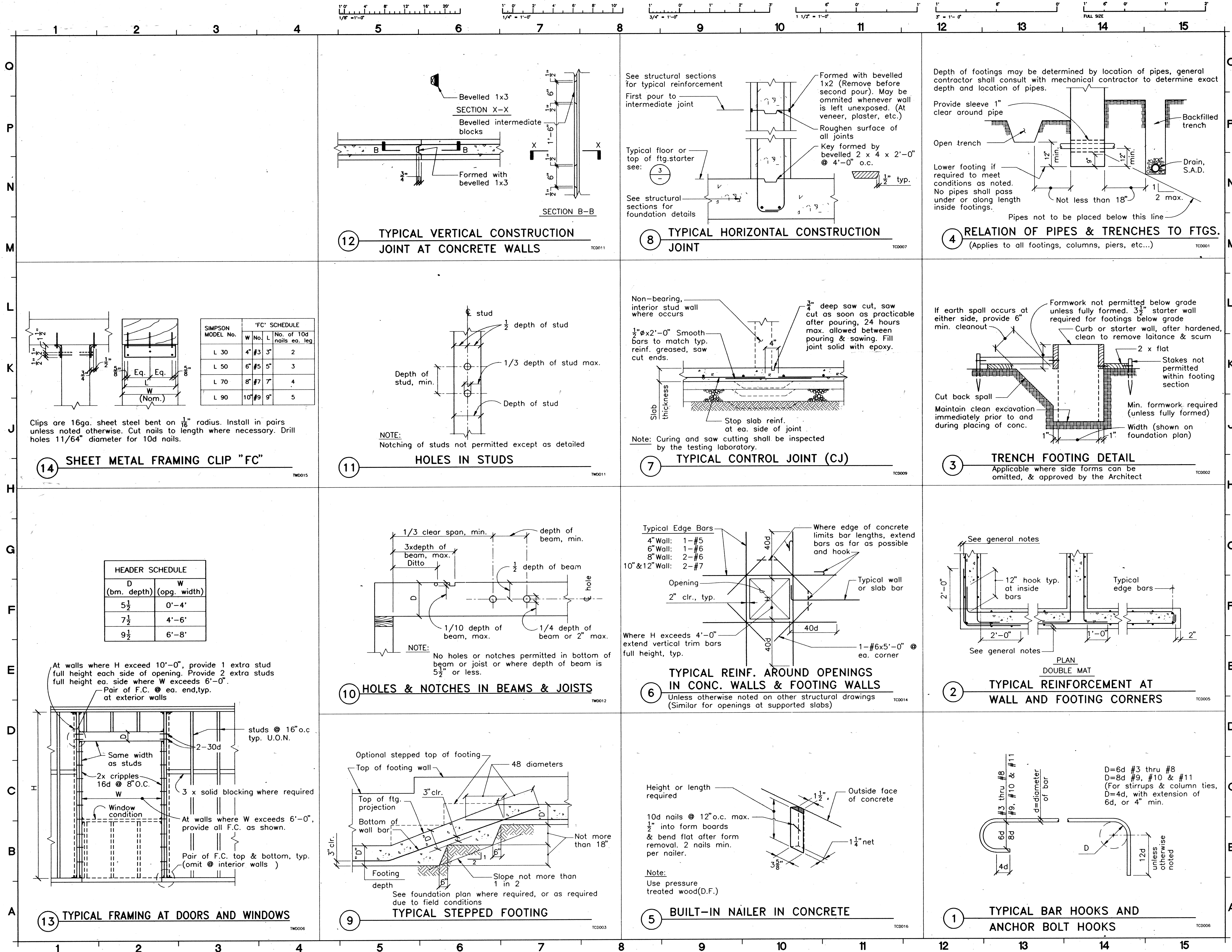
18- AND 20-GAUGE STUDS (AND/OR) JOISTS, AND ALL TRACKS, BRIDGING AND ACCESSORIES SHALL BE FORMED FROM STEEL THAT CONFORMS TO THE REQUIREMENTS OF ASTM A446, GRADE A, WITH A MINIMUM YIELD OF 33,000 PSI.

METAL STUDS SHALL BE A 16" O.C. MAXIMUM WITH MINIMUM 3/8" STIFFENED FLANGES @ 24" O.C. MAXIMUM.

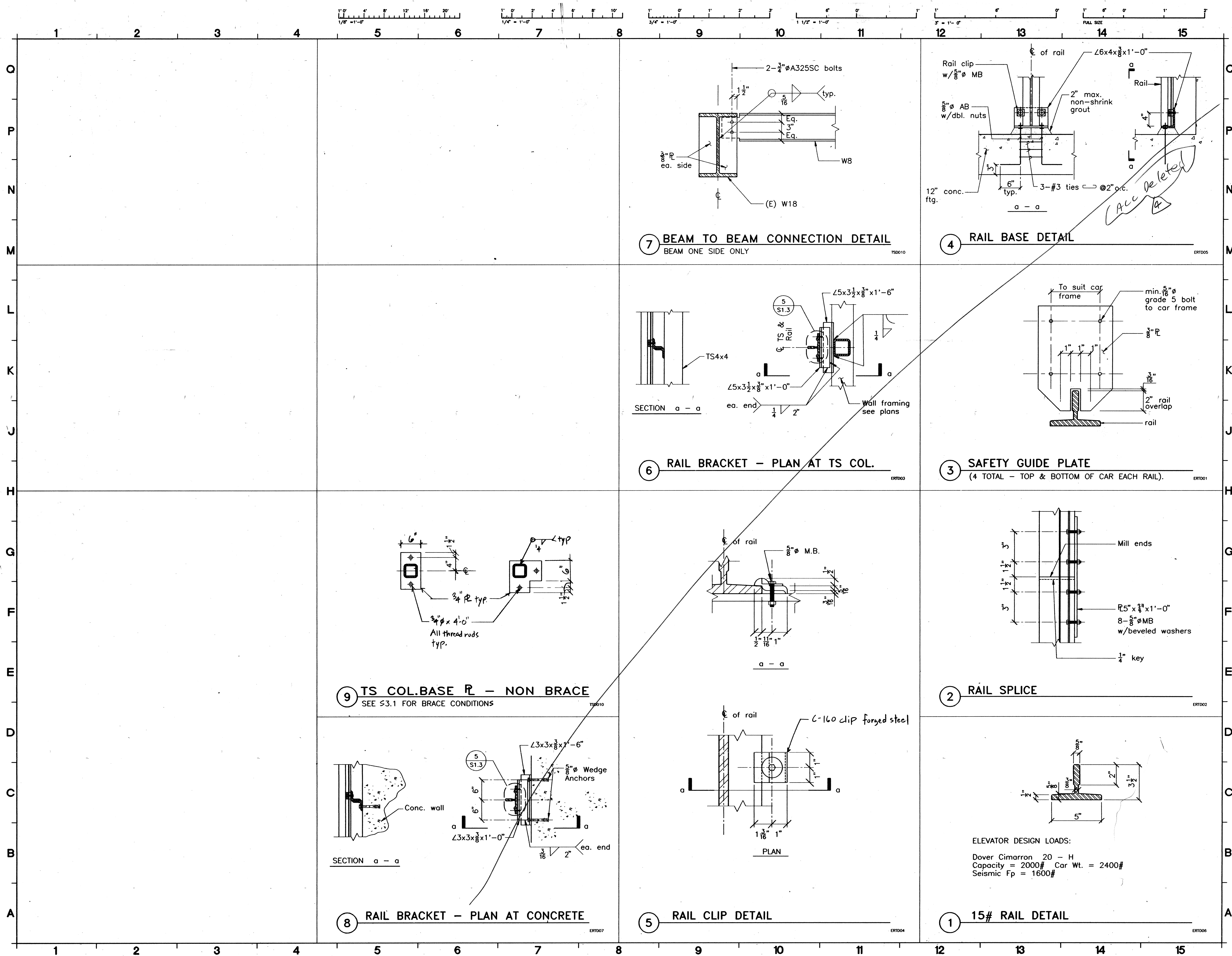
ALL WELDS FOR LIGHT-GAUGE STEEL SHALL BE IN ACCORDANCE WITH AISC AND AISI SPECIFICATIONS.

ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS. ALL WELDS SHALL BE INSPECTED BY A CERTIFIED WELDING INSPECTOR. BEARING









AS BUILT - 11/10/05  
Jg - SASEAL

IDENTIFICATION  
Department of General Services  
Office of the State Architect  
AUG - 2 1993  
Structural Safety Section  
Marked By: CEC/LS

REGISTERED ARCHITECT  
C3310  
10/1/73  
REGISTERED PROFESSIONAL ENGINEER  
No. 1378  
Exp. 3-31-97  
CONSULTANT

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PROJECT:  
**ARCHITECTURAL BARRIER REMOVAL**  
INCREMENT I  
CONTRA COSTA COLLEGE  
2800 Mission Bell Drive  
San Pablo, CA 94806

CONTRA COSTA Community College District

STATUS:  
**BID SET**

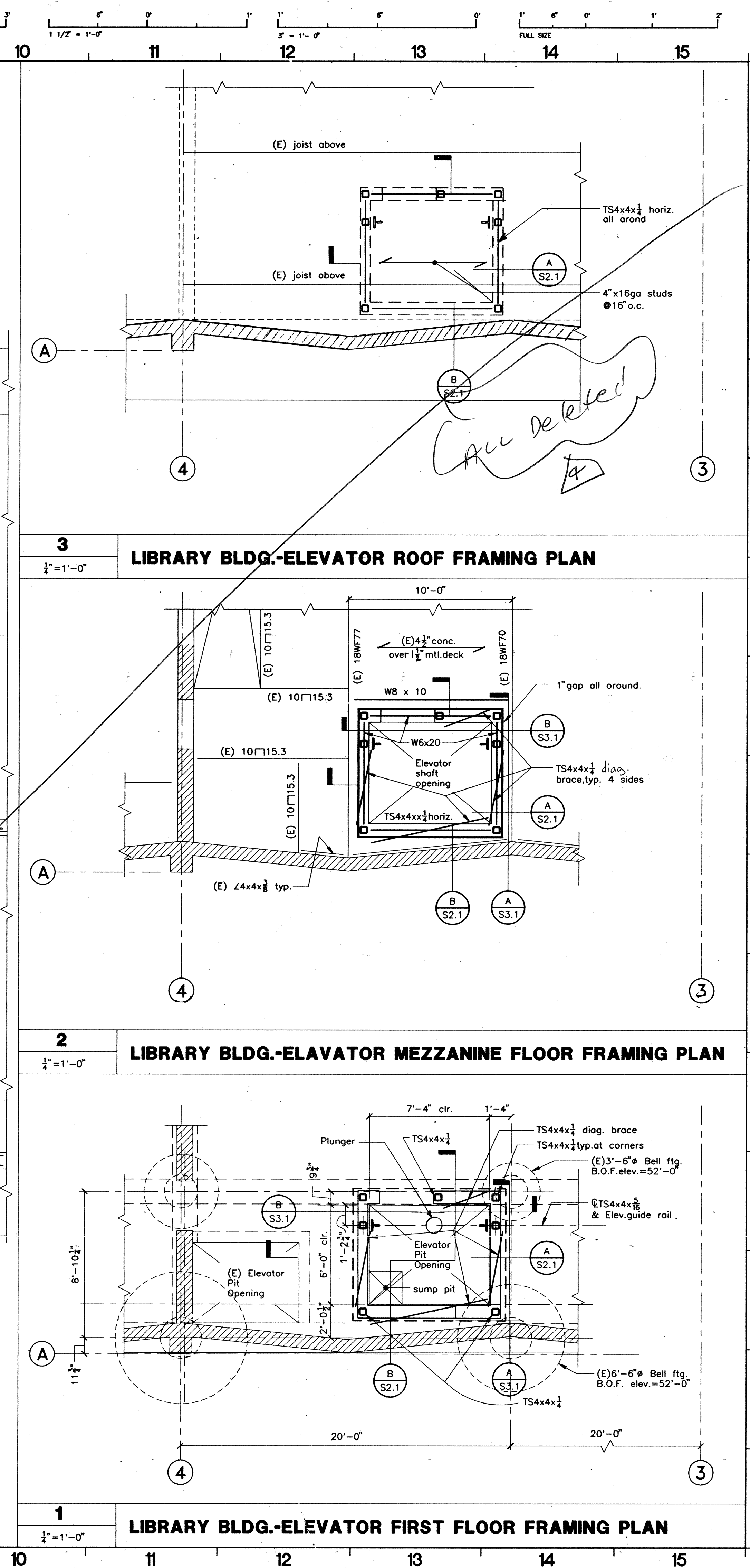
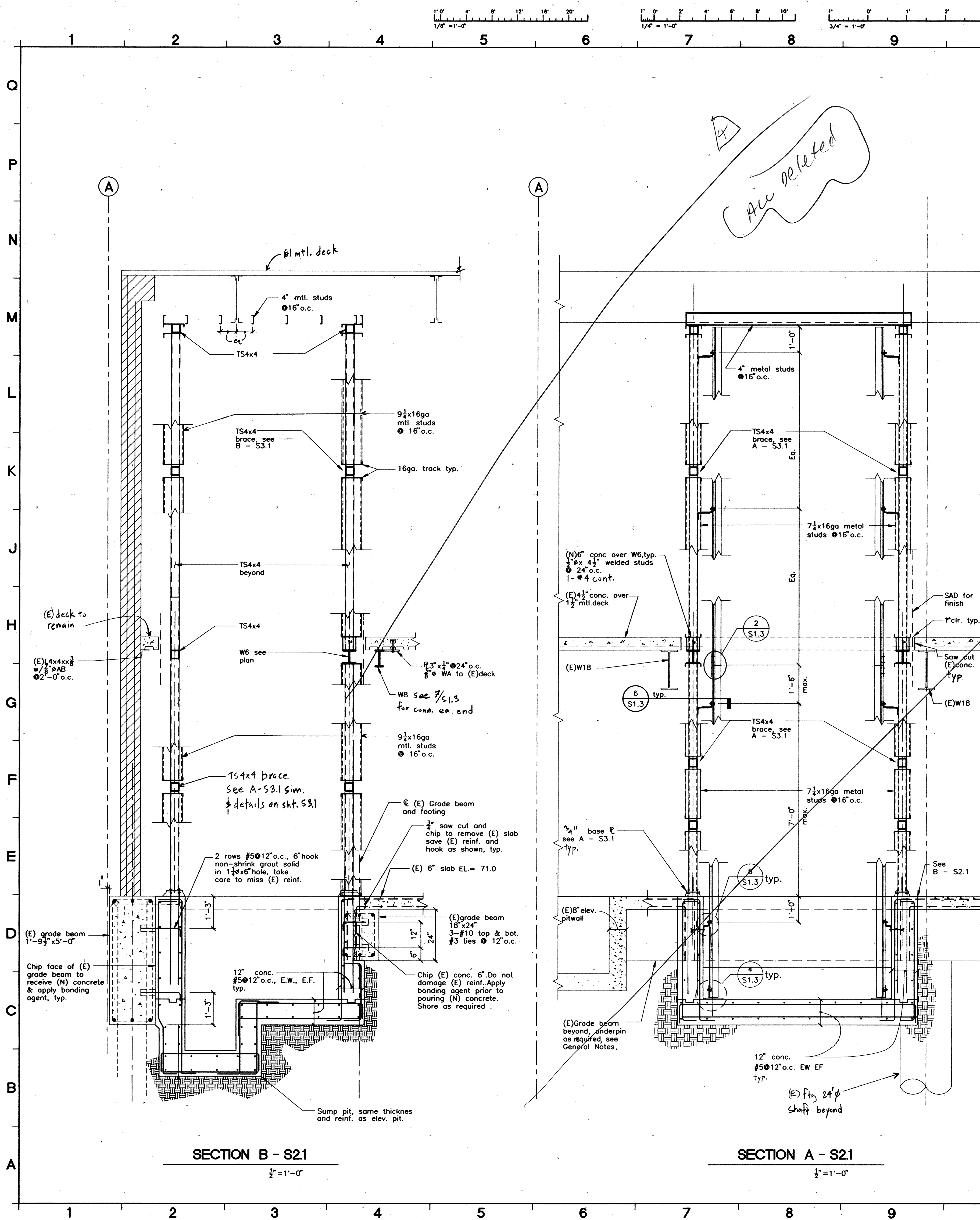
REVISIONS: (A) ARCHITECTS REVISIONS MADE TO THIS SHEET

SHEET TITLE:  
**TYPICAL STRUCTURAL ELEVATOR RAIL DETAILS**

DRAWN BY: PROJECT NO:  
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**S1.3**





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Office of the State Architect  
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PROJECT:  
**ARCHITECTURAL BARRIER REMOVAL INCREMENT 1**  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

CONTRA COSTA COMMUNITY COLLEGE DISTRICT

STATUS: **BID SET**

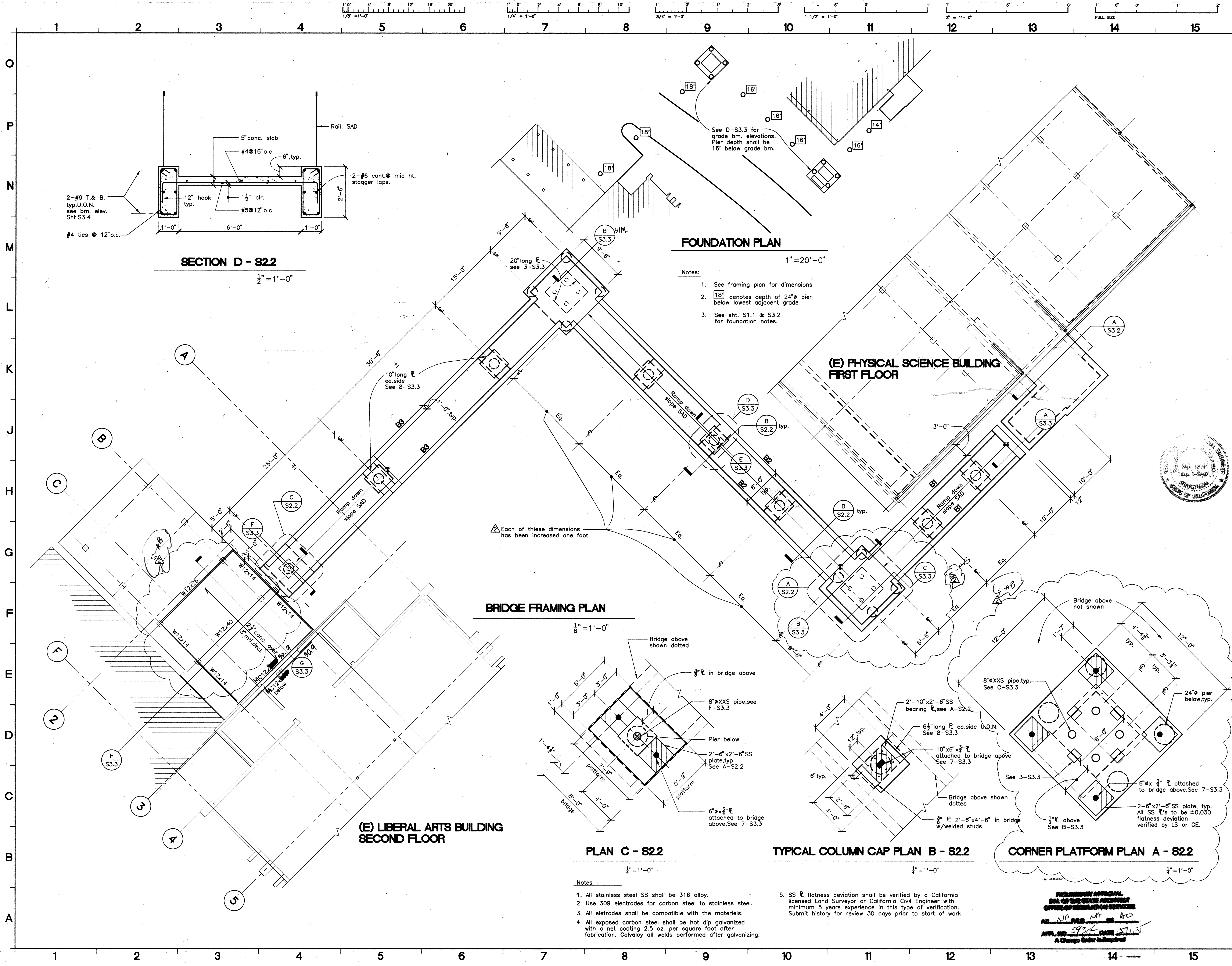
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SHEET TITLE:  
**ELEVATOR FRAMING PLANS AND SECTIONS**

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CHECKED BY: DATE:  
APPL. NO.: SHEET:  
DATA NO.: **S2.1** OF:

92013P01





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PROJECT:  
**ARCHITECTURAL BARRIER REMOVAL (INCREMENT 2)**  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806  
Contra Costa Community College District

STATUS:

REVISIONS: (A indicates revisions made to this sheet.)

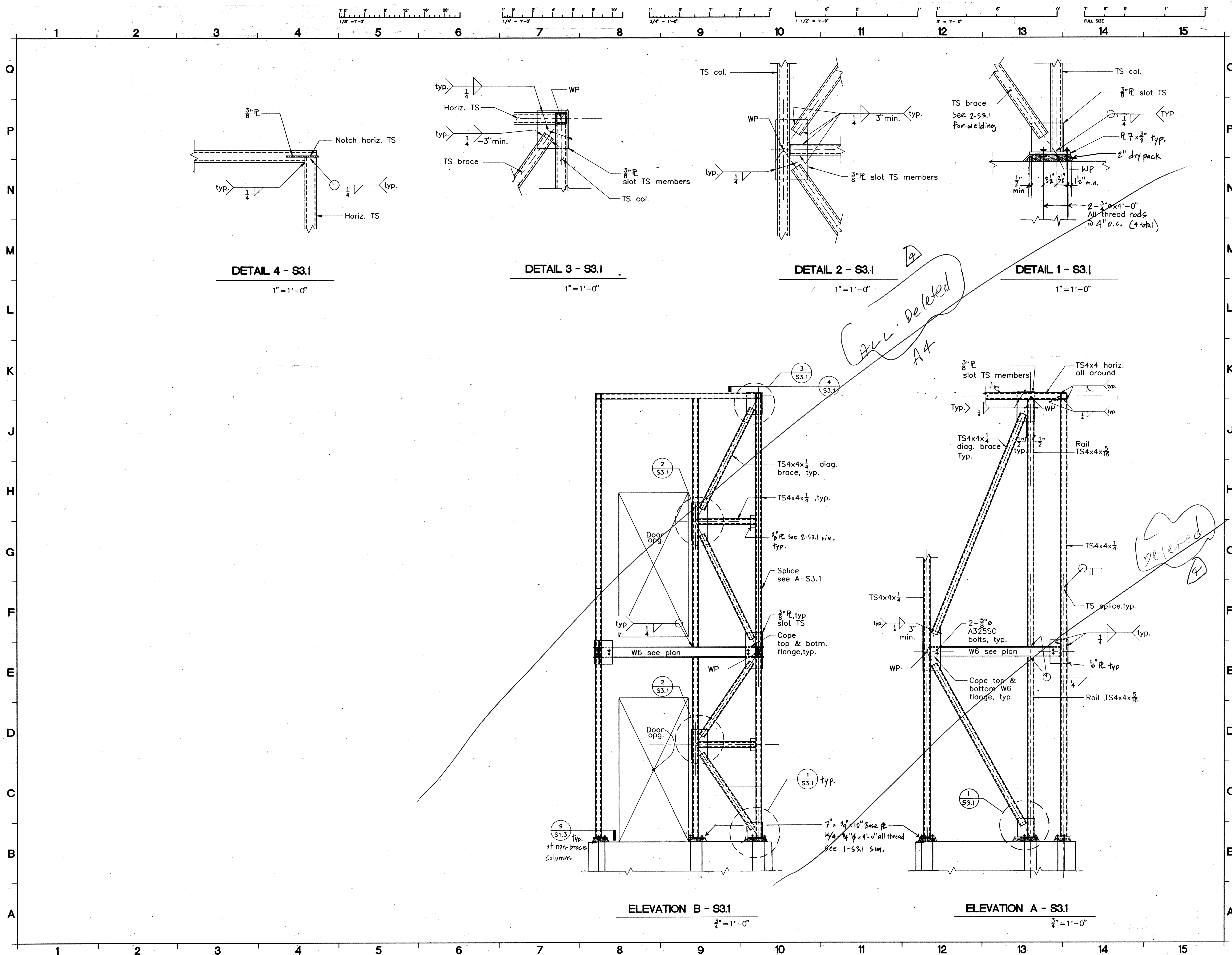
NO.	DATE	NO.	DATE
1	3/22/94	INCREMENT 2	
2	4/27/95	PIERS RELOCATED	

SHEET TITLE:  
**WALKWAY BRIDGE FRAMING PLAN AND DETAILS**

DRAWN BY:	PROJECT NO.:
CHECKED BY:	DATE:
APPL. NO.:	SHEET:
DATA NO.:	NO. OF:

**S2.2**





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J. S. AUSAC

IDENTIFICATION Stamp  
Department of General Services  
Office of the State Architect  
AUG - 2 1993  
Structural Safety Section  
59 31 4  
- 1000 R. - 1000 R. - 1000 R.

Professional Engineer Seal  
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PROJECT:  
**ARCHITECTURAL BARRIER REMOVAL**  
INCREMENT I  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

Contra Costa Community College District

STATUS: **BID SET**

REVISIONS: (A) INDICATES REVISION MADE TO THIS SHEET

NO.	DATE	NO.	DATE

SHEET TITLE:  
**ELEVATOR BRACE ELEVATIONS AND DETAILS**

DRAWN BY:	PROJECT NO:
CHECKED BY:	DATE:
APPL. NO:	SHEET:
DATA NO:	NO. OF:

**S3.1**

92013S01



# **ADDITIONAL GENERAL NOTES** **FOUNDATIONS - WALKWAY BRIDGE**

THE SOIL REPORT APPLICABLE TO THIS PROJECT SITE IS BY HARDING LAWSON ASSOCIATES, PROJECT NO. 236613 DATED MARCH 14, 1994 AND IS AVAILABLE FOR REVIEW AT THE ARCHITECT'S OFFICE.

FOUNDATION SOIL IS DENSE CLAYEY SAND OVER SANDSTONE BEDROCK. FOR BIDDING PURPOSES, THE ELEVATION OF THE BOTTOM OF PIER SHALL BE AS INDICATED ON THE FOUNDATION PLANS AND ON DETAILS. THEY SHALL BE SUBJECT TO APPROVAL BY THE SOIL ENGINEER DURING FOUNDATION EXCAVATION AND CONSTRUCTION. THE DRILLED PIER CAPACITIES ARE BASED ON THE FOLLOWING SKIN FRICTION VALUES:

PIER DEPTH	SKIN FRICTION CAPACITY
2-10 FEET	500 PSF DEAD LOAD ONLY
	750 PSF DEAD PLUS LIVE
	1000 PSF DEAD PLUS LIVE PLUS SEISMIC
BELOW 10 FEET	750 DEAD LOAD ONLY
	1150 DEAD PLUS LIVE
	1500 DEAD PLUS LIVE PLUS SEISMIC

## **STEEL DECKING**

STEEL DECKING FOR THIS PROJECT SHALL BE VERO W3 FORMLOCK 3"x16GA. STEEL DECKING PANEL UNITS SHALL BE FORMED FROM ZINC COATED STEEL SHEETS WITH A MINIMUM YIELD STRENGTH OF 33,000 PSI. MINIMUM ZINC COATING SHALL BE G60 AND 0.5 OUNCE MINIMUM PER SQUARE FOOT OF STEEL SHEET.

SECTION PROPERTIES SHALL CONFORM TO THE AISI SPECIFICATIONS FOR THE DESIGN OF LIGHT-GAUGE COLD FORMED STEEL STRUCTURAL MEMBERS.

DECK PANELS SHALL INCLUDE ALL ACCESSORIES FOR THIS TYPE OF DECKING, SUCH AS CLOSURES, FLASHING, COVER CAPS, ETC. PANELS SHALL BE ALIGNED AND PLACED IN ACCORDANCE WITH THE MANUFACTURER'S APPROVED STANDARD DETAILS AND SHOP DRAWINGS.

ALL WELDING OF STEEL DECK PANELS TO SUPPORTING STRUCTURAL FRAMING BE DONE BY CERTIFIED WELDERS.

PRIOR TO APPLICATION OF CONCRETE, THE STEEL DECKING SHALL BE CLEANED OF ALL DIRT, DEBRIS, OIL, WATER AND ANY FOREIGN MATERIAL.

CONCRETE FILL WHERE REQUIRED ON STEEL DECKING SHALL TEST NOT LESS THAN 3000 PSI AT 28 DAYS, AND SHALL BE REINFORCED WITH #3 @ 18" O.C. EACH WAY PLACED AT CENTER OF CONCRETE FILL U.O.N.

STEEL DECKING SUBCONTRACTOR SHALL EXCHANGE SHOP DRAWINGS WITH STRUCTURAL STEEL SUBCONTRACTOR FOR COORDINATION.

TOP FLANGE OF ALL STEEL BEAMS AND ANGLES AT DECKING SHALL BE UNPAINTED FOR WELDING.

WELDING OF METAL DECK:

- AT END OF PANEL AND AT INTERMEDIATE BEARINGS PERPENDICULAR TO SHEET: 4-1/2" DIAMETER PLUG WELDS PER 36" WIDE SHEET.
- SIDEWELDS AND AT INTERMEDIATE MEMBERS PARALLEL TO SHEET: 1/2" DIAMETER PLUG WELDS AT 18" O.C.
- 1 1/2" LONG SIDE SEAM WELDS AT 18" O.C.

## **ADDITIONAL CONCRETE NOTES**

ALL CONCRETE FOR THE BRIDGE AND PIERS SHALL TEST NOT LESS THAN 4000 PSI AT 28 DAYS.

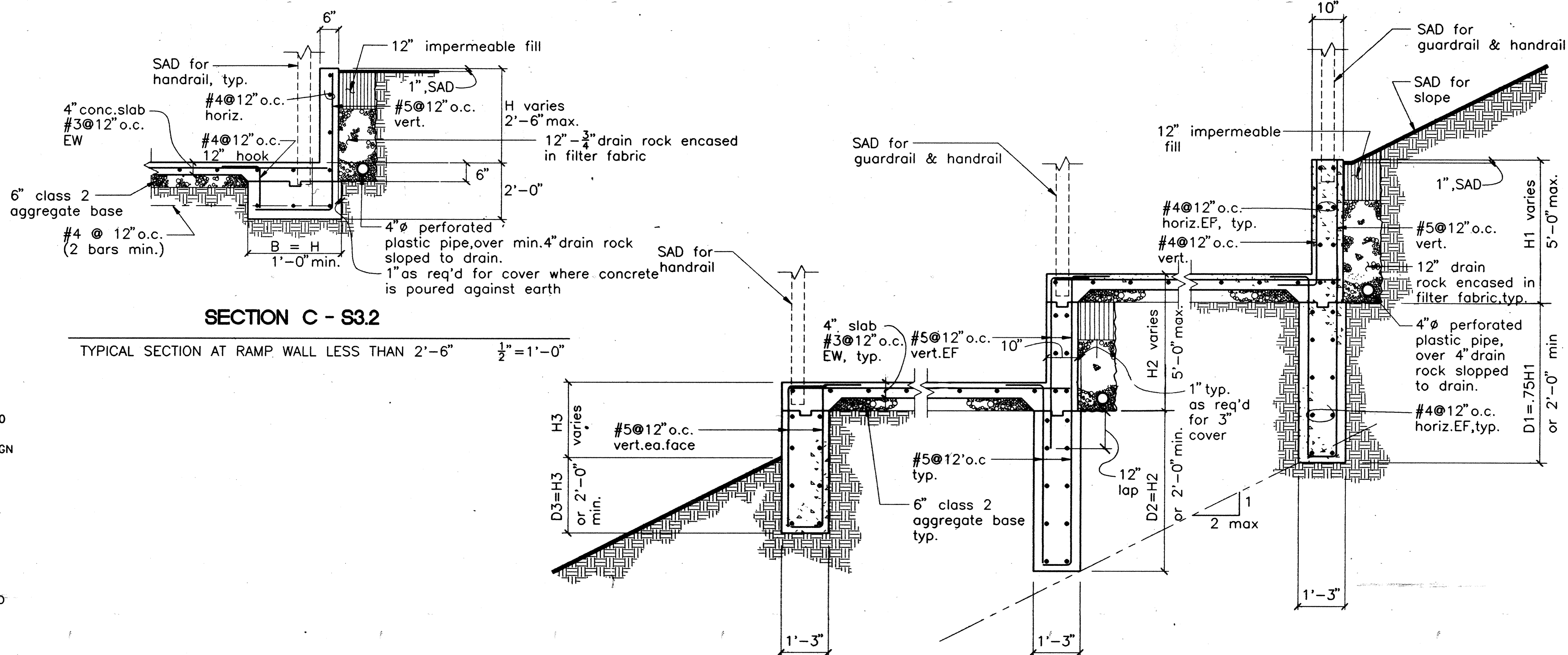
THE COARSE AGGREGATE IN THE BRIDGE AND PIERS CONCRETE SHALL BE CRUSHED LIMESTONE OR GRANITE. THE FINE AGGREGATE SHALL BE FELTON SAND.

THE MAXIMUM WATER-CEMENT RATIO FOR THE BRIDGE CONCRETE SHALL BE .35.

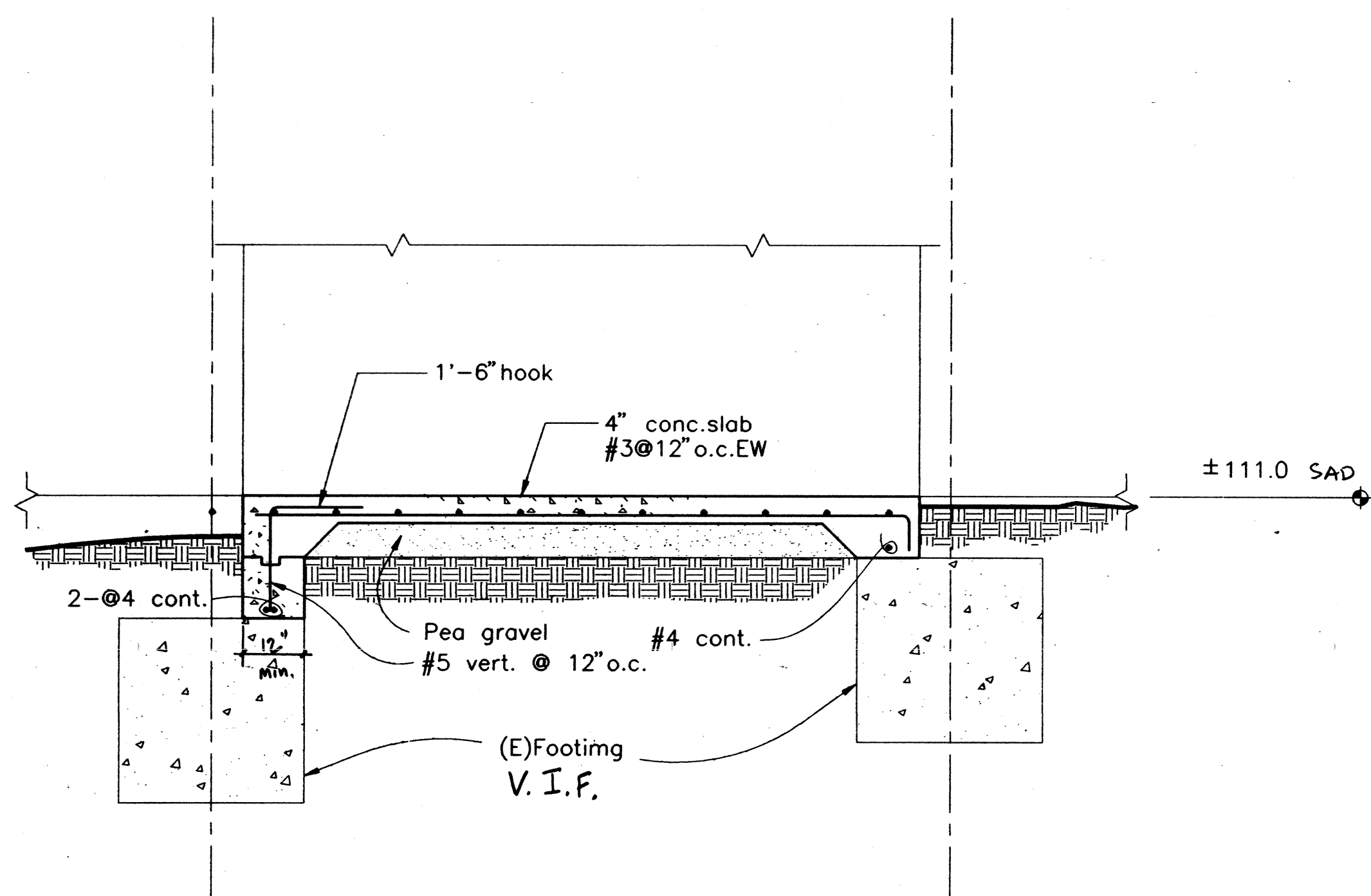
SHORING FOR THE BRIDGE SHALL BE LEFT IN PLACE FOR AT LEAST 30 DAYS AFTER CONCRETE IS POURED. SHORING SHALL BE DESIGNED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF CALIFORNIA. SHORING DRAWINGS SHALL BE STAMPED AND SIGNED BY THIS ENGINEER.

THE ENGINEER OF RECORD (RAZZANO ASSOCIATES INC.) SHALL NOT BE ASSOCIATED WITH OR RESPONSIBLE FOR THE SHORING.

SEE BEAM ELEVATION SHT. S3.4 FOR CAMBERS.

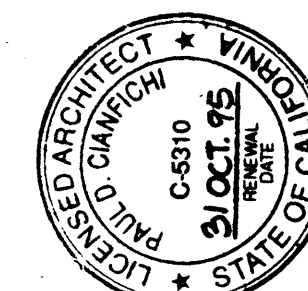
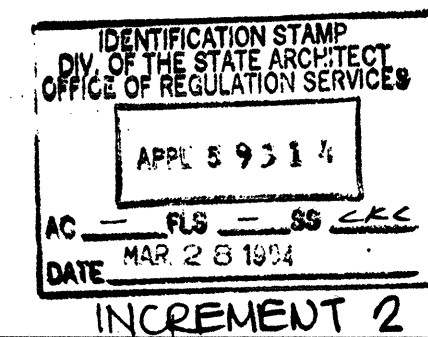


**SECTION B - S3.2**  
TYP. SECTION AT WALKWAY RAMPS  
1/2" = 1'-0"



**SECTION A - S3.2**  
1/2" = 1'-0"

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PROJECT:  
**ARCHITECTURAL BARRIER REMOVAL**  
(INCREMENT 2)  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

Contra Costa Community College District

STATUS:  
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3/22/94 INCREMENT 2

SHEET TITLE:  
**WALKWAYS STRUCTURAL SECTIONS**

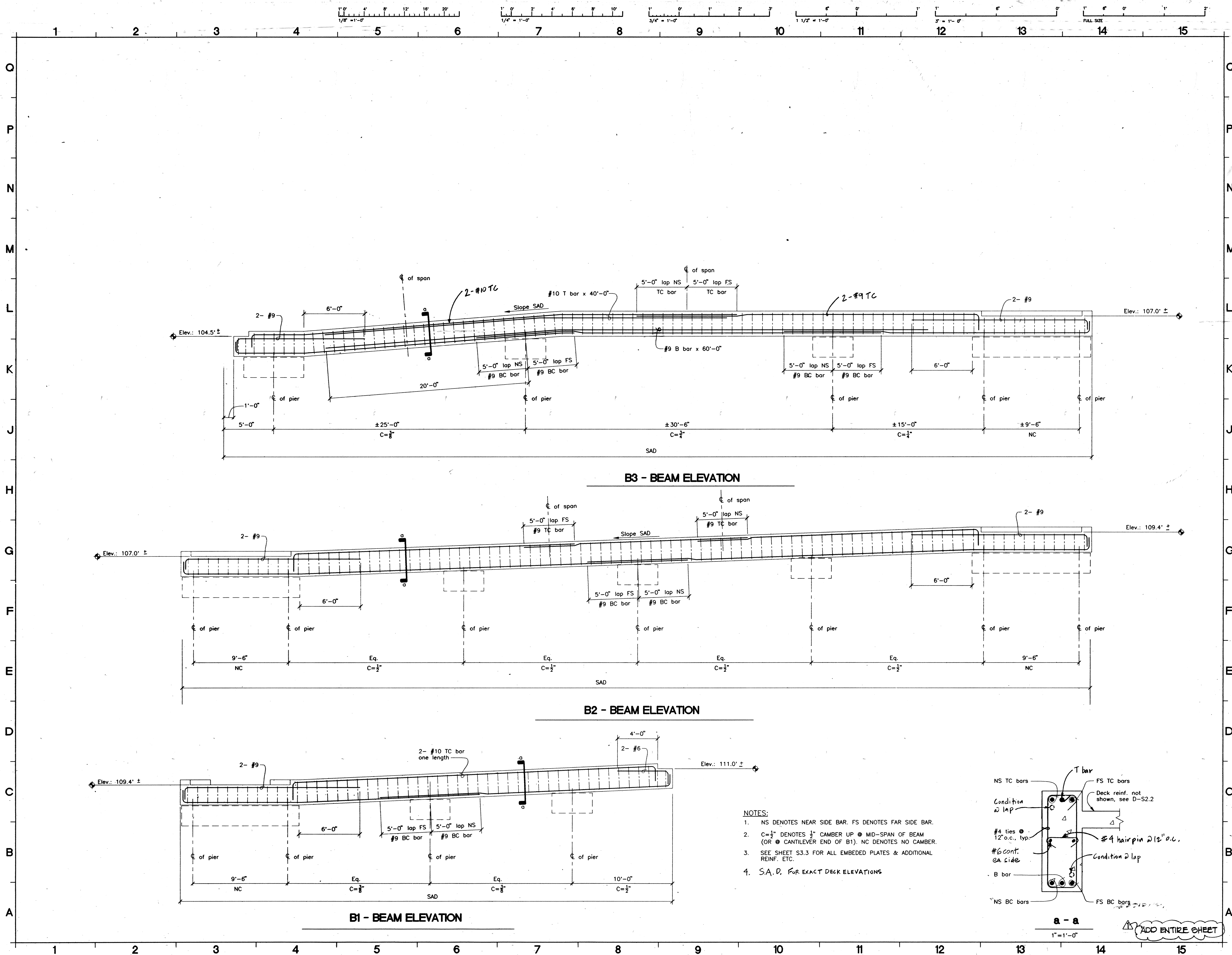
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APPL. NO: SHEET:  
DATE NO: **S3.2**  
NO. OF:

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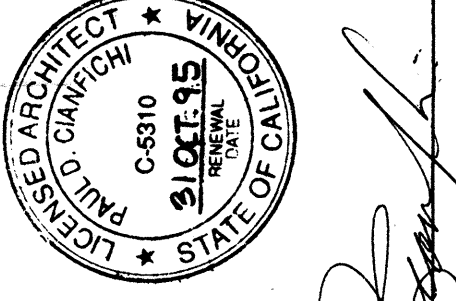
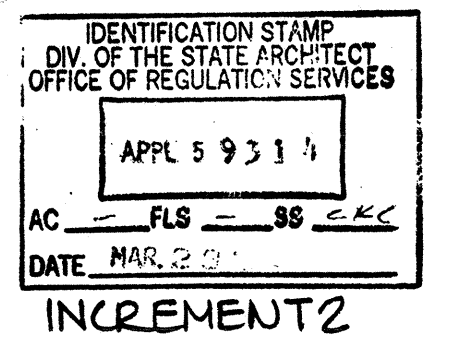








AS BUILT-11/95  
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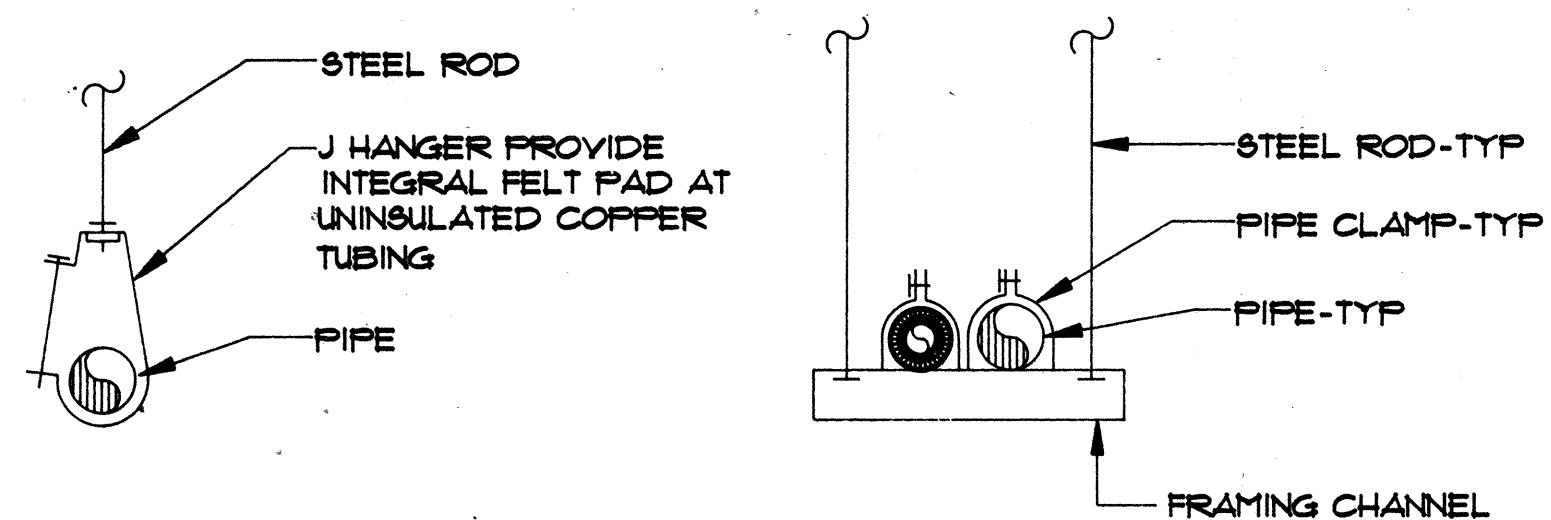
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3/22/94 INCREMENT 2

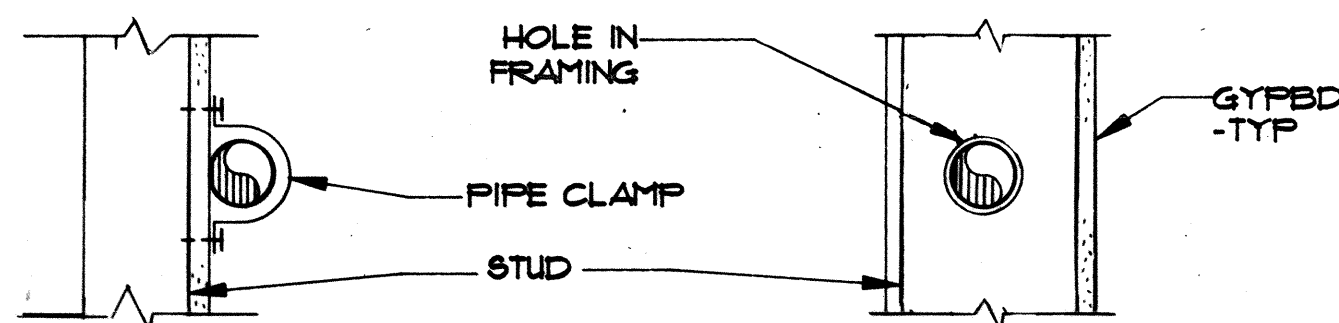
**SHEET TITLE:**  
**WALKWAY BRIDGE BEAM ELEVATIONS AND DETAILS**

DRAWN BY: J.S. PROJECT NO:  
CHECKED BY: DATE:  
APPL. NO: SHEET:  
DATE NO: **S3.4** OF:



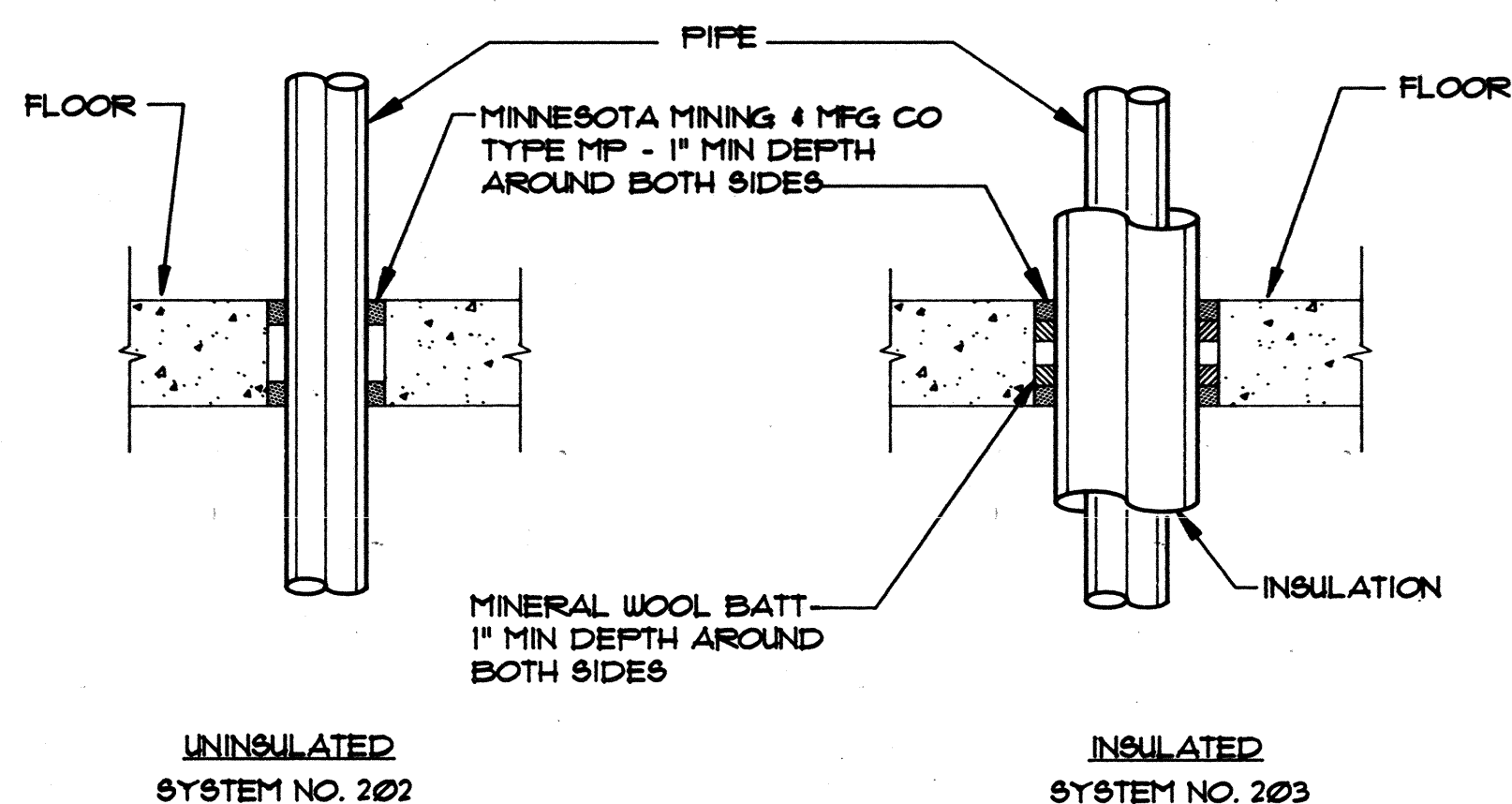
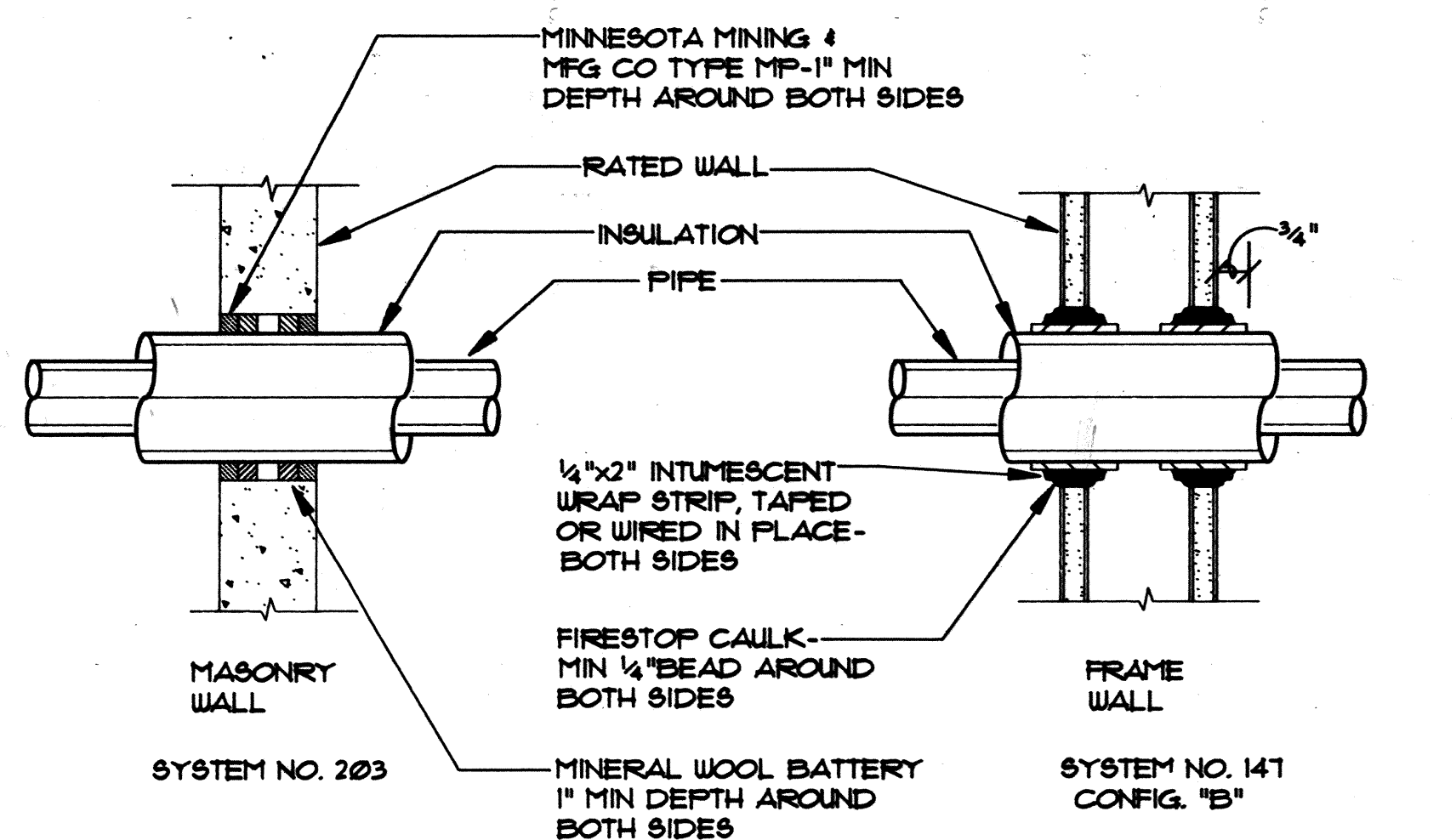


SUSPENDED



WALL

## 1 PIPE SUPPORTS NO SCALE



UNINSULATED  
SYSTEM NO. 202

INSULATED  
SYSTEM NO. 203

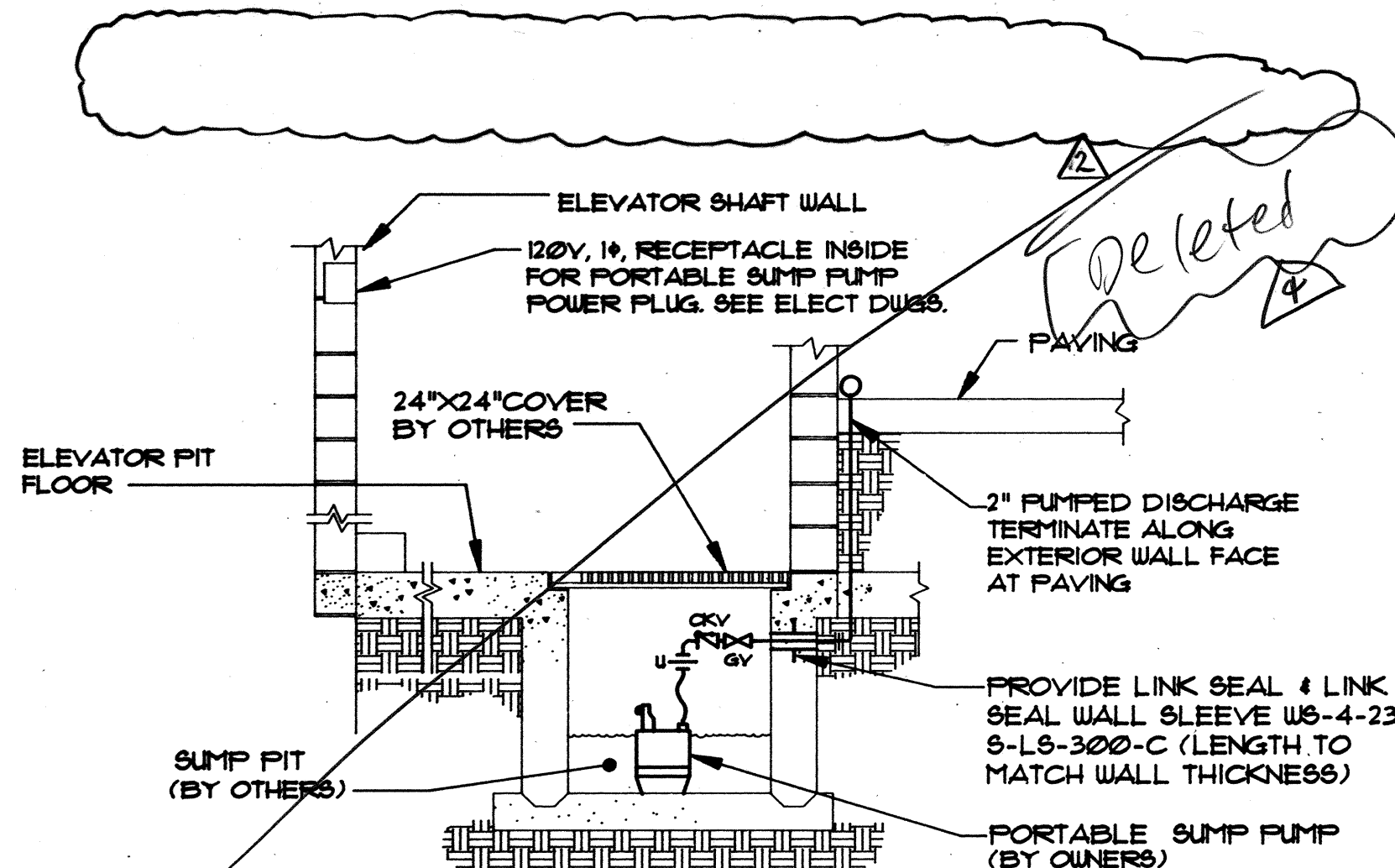
- NOTES
- HOLD ANNULAR SPACE TO 1/8" FOR SYSTEMS 202 & 203, 3/16" FOR SYSTEM 147.
  - INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF SYSTEM LISTED IN UL FIRE RESISTANCE DIRECTORY

## 2 PIPE FLOOR PENETRATION NO SCALE

MARK	FIXTURE	CONNECTIONS SERVICE SIZE			
		SS	V	CW	HW
WC-2	WATER CLOSET WALL MTD- FLUSH VALVE (HC)	4"	2"	1 1/4"	
WC-4	WATER CLOSET FLOOR MTD- FLUSH VALVE	4"	2"	1 1/4"	
UR-1	URINAL (HC)	2"	1 1/2"	1"	
LV-1	LAVATORY WALL MTD-MIXING FAUCET	1 1/2"	1 1/2"	1 1/2"	1 1/2"
LV-2	LAVATORY (HC) WALL MTD-GOOSE NECK & W. BLADES				
LV-3	LAVATORY (HC) COUNTER TOP-GOOSE NECK & W. BLADES				
LV-4	LAVATORY COUNTER TOP-MIXING FAUCET				
HB-1	3/4" HOSE BIBB WALL MTD FLANGED	-	-	1/2"	-
SH-1	HAND SHOWER SYSTEM-MIXING VALVE (HC)	-	-	1/2"	1/2"

### GENERAL NOTES:

- THE EXISTING & NEW PIPING INFORMATION SHOWN ON THE DRAWINGS IS DIAGRAMATIC. EXISTING CONDITIONS HERE OBTAINED FROM EXISTING AS-BUILT DRAWINGS AND MAY VARY FROM ACTUAL CONDITIONS. CONTRACTOR SHALL ADJUST NEW WORK AS REQUIRED BY EXISTING CONDITIONS AND RECORD ON RECORD DRAWINGS.
- THE CONTRACTOR SHALL REPAIR ANY DAMAGE RESULTING FROM THIS WORK.
- FOR PIPING INSTALLED IN BEARING WALLS: BORE HOLES SO THAT STRUCTURAL COMPONENTS ARE NOT JEOPARDIZED. NOTIFY ARCHITECT BEFORE HOLES LARGER THAN 1 1/2" ARE INSTALLED.



### NOTES

- EXPOSED PIPING SHALL BE GALV STEEL WITH CAST IRON SCREWED DRAINAGE FITTINGS.
- FOR LOCATION OF SUMP SEE ARCH. DUGS.

## 3 ELEVATOR SUMP DISCHARGE PIPING NO SCALE

### STRUCTURAL NOTES:

ALL MECHANICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST A HORIZONTAL FORCE ACTING IN ANY DIRECTION USING THE FOLLOWING CRITERIA:

FIXED EQUIPMENT ON GRADE 20% OF OPERATING WEIGHT  
FIXED EQUIPMENT ON STRUCTURE 30% OF OPERATING WEIGHT

SIMULTANEOUS VERTICAL FORCE - USE 1/3 X HORIZONTAL FORCE.

FOR FLEXIBLY MOUNTED EQUIPMENT SEE TITLE 24, SECTION 2312(g)(2).

WHERE ANCHORAGE DETAILS ARE NOT SHOWN ON THE DRAWINGS, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE MECHANICAL ENGINEER AND THE FIELD REPRESENTATIVE OF THE OFFICE OF THE STATE ARCHITECT.

LEGEND		
SYMBOL	ABBREV	DESCRIPTION
SS	SS	SANITARY SEWER PIPING ABOVE FLOOR
SS	SS	SANITARY SEWER PIPING BELOW FLOOR SAW CUT AND PATCH FLOOR FOR NEW PIPE
V	V	SANITARY VENT PIPING
CW	CW	DOMESTIC COLD WATER PIPING
HW	HW	DOMESTIC HOT WATER PIPING
FD	FD	FLOOR DRAIN
FCO/SCO	FCO/SCO	FLOOR CLEANOUT/SURFACE CLEANOUT
WCO	WCO	WALL CLEANOUT
VTR	VTR	VENT THRU ROOF
—	—	PIPING UP
—	—	PIPING DOWN
HB	HB	HOSE BIBB
(N)	(N)	NEW WORK
(E)	(E)	EXISTING WORK
(R)	(R)	(E) WORK TO BE REMOVED
(Rp)	(Rp)	(E) WORK TO BE REPLACED
CP	CP	CONNECTION POINT OF (N) TO (E) WORK
ARCH	ARCH	ARCHITECTURAL
GV	GV	GATE VALVE
CKV	CKV	CHECK VALVE
AP	AP	ACCESS PANEL
DUG	DUG	DRAWING
—	—	PLUG AND CAP
CLG	CLG	CEILING
HC	HC	HANDICAPPED
MTD	MTD	MOUNTED
VB	VB	VACUUM BREAKER
VIF	VIF	VERIFY IN FIELD

### SUMMARY OF PLUMBING WORK AT CONTRA COSTA COLLEGE

DRAWING NUMBER	BUILDING	TOILET IMPROVEMENTS	SHOWER IMPROVEMENTS	DRINKING IMPROVEMENTS	ELEVATORS SUMPS
P1	HUMANITIES	X	-	-	-
P2	PHYSICAL EDUCATION	X	-	-	-
P2	WOMEN'S LOCKER	-	X	-	-
P3	LIBRARY	-	-	-	X
P3	PERFORMING ARTS	X	-	-	-

### GENERAL NOTES

- CONTRACTOR TO REVIEW ARCHITECTURAL DRAWINGS & ENTIRE CONTRACT DOCUMENTS FOR ADDITIONAL PLUMBING & MECHANICAL WORK. PROVIDE ALL REQUIRED COORDINATION MATERIALS & LABOR FOR A COMPLETE INSTALLATION OF ITEMS SHOWN IN DOCUMENTS, i.e. RELOCATED PLUMBING FIXTURES, CEILING REGISTERS, REPAIRING, REMODELING OR NEW WORK, ETC...

APPENDUM 1

OFFICE OF THE STATE ARCHITECT  
ACCESS COMPLIANCE SECTION  
59314 JUL 28 1993  
APPROVAL: [Signature]  
THIS PLAN RULES DEVIATION FROM THE STANDARD SPECIFICATIONS FOR THE PROJECT SITE - 11/10/15  
APPROVED: [Signature]  
STATE FIRE MARSHAL

IDENTIFICATION STAMP  
Department of General Services  
Office of the State Architect  
AUG - 2 1993  
59314  
Structural Safety Section  
59314  
222/11

REGISTERED ARCHITECT  
PAUL CIANFICHI  
C-5910  
STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER  
ALAN TAYLOR  
2328  
STATE OF CALIFORNIA

CONSULTANT:  
BWF CONSULTING ENGINEERS  
MECHANICAL AND ELECTRICAL ENGINEERS  
510 MYRTLE AVENUE, SUITE 100  
SOUTH SAN FRANCISCO, CALIFORNIA 94080  
(415) 871-0220  
BWF 92055  
JOB NUMBER

ARCHITECT:  
C/C  
COMETTA / CIANFICHI  
ARCHITECTURE + PLANNING  
3516 Macdonald Avenue  
Richmond, CA 94805-2113  
Phone: (510) 232-2837  
Fax: (510) 232-7281

PROJECT:  
ARCHITECTURAL  
BARRIER REMOVAL  
CONTRA COSTA COLLEGE  
2800 Mission Bell Drive  
San Pablo, CA 94806  
AS BUILT - 11/10/15  
G. S. SAUSAL

Contra Costa Community College District

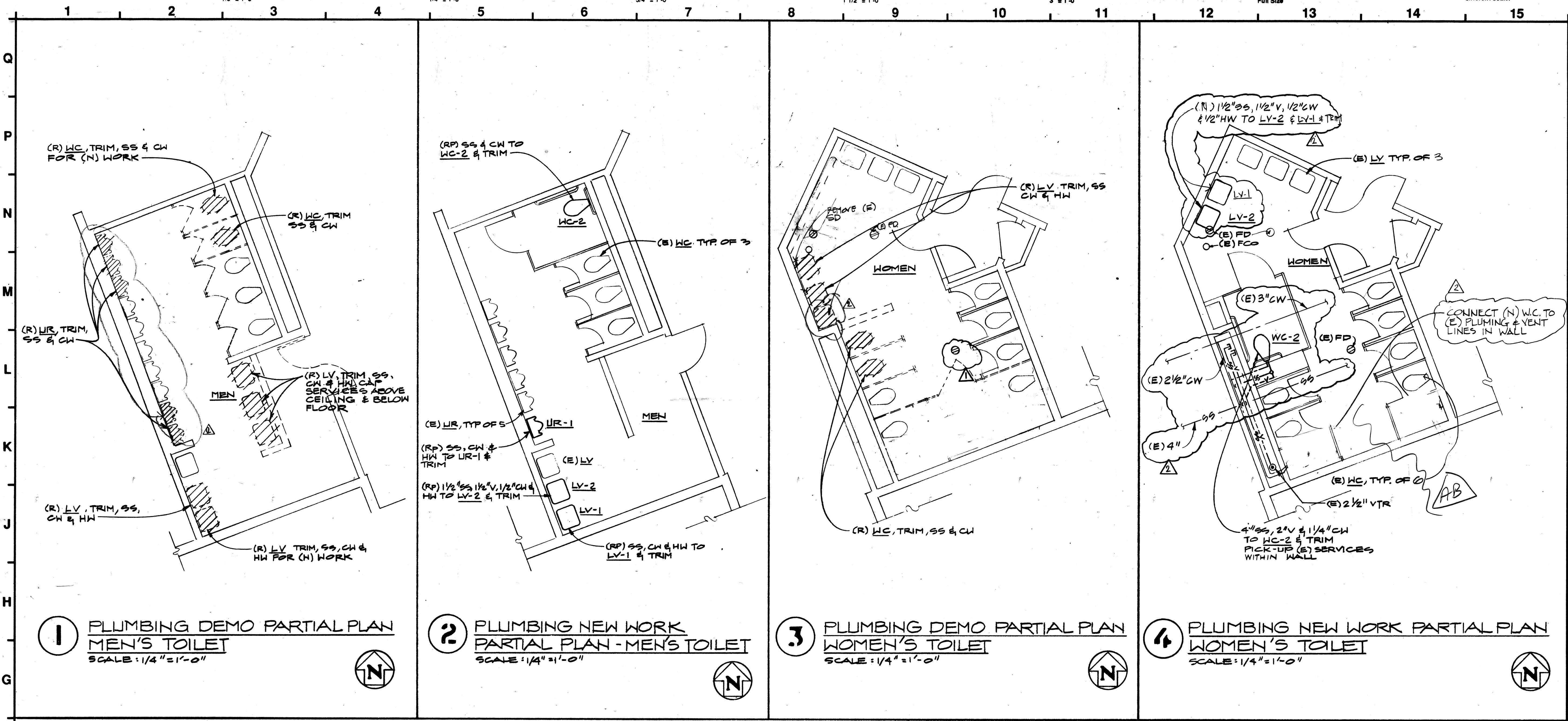
STATUS:  
BID SET

REVISIONS: (Δ INDICATES REVISIONS MADE TO THIS SHEET)  
NO. DATE REASON BY  
Δ 6/28/94 ADDENDUM No. 1

SHEET TITLE:  
PLUMBING LEGEND,  
SCHEDULES AND DETAILS

DRAWN BY:  
SL  
PROJECT NO:  
265189  
CHECKED BY:  
AT  
DATE:  
2/17/93  
APPL. NO.:  
SHEET:  
DATA NO.:  
P.O.  
NO. 1 OF 4





**NOTES**

- SEE PD FOR LEGEND & SCHEDULES
- FOR (R) FIXTURES SHOWN, UNLESS OTHERWISE NOTED, PLUG SS CONNECTION BELOW FLOOR OR INSIDE WALL, (R) CW, HW PIPING AND CAP INSIDE WALL AND REMOVE ASSOCIATED APPURTENANCES AND SUPPORTS
- REFER TO ARCH DWG A-0 & A-1 FOR FIXTURE LOCATION REQUIREMENTS
- (E) CW, HW & SS SHALL BE REUSED FOR (N) INSTALLATION UNLESS OTHERWISE NOTED

**NOTE:**  
EXISTING PIPING TAKEN FROM  
DRAWING PREPARED BY JOHN  
LYON REID AIA, ARCHITECT  
DATED 3-21-94.

APPROVED BY: [Signature] 10-7-93

59314 JUL 28 1993

ARCHITECT: COMETTA / CIANFICHI

CONSULTANT: BWF CONSULTING ENGINEERS

ARCHITECT: C/C

COMETTA / CIANFICHI  
ARCHITECTURE • PLANNING

3516 Macdonald Avenue  
Richmond, CA 94805-2113  
Telephone: (510) 232-2637  
Fax Number: (510) 232-7281

PROJECT: ARCHITECTURAL BARRIER REMOVAL  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

AS BUILT - 11/10/95

By [Signature] - SAUSA

Contra Costa Community  
College District

STATUS: BID SET

REVISIONS: (A) indicates revisions made to this sheet

NO. DATE NO. DATE

6/28/94 ADDENDUM No. 1

SHEET TITLE: PLUMBING PLANS  
HUMANITIES BLDG.

DRAWN BY: SL PROJECT NO.: 2657-89

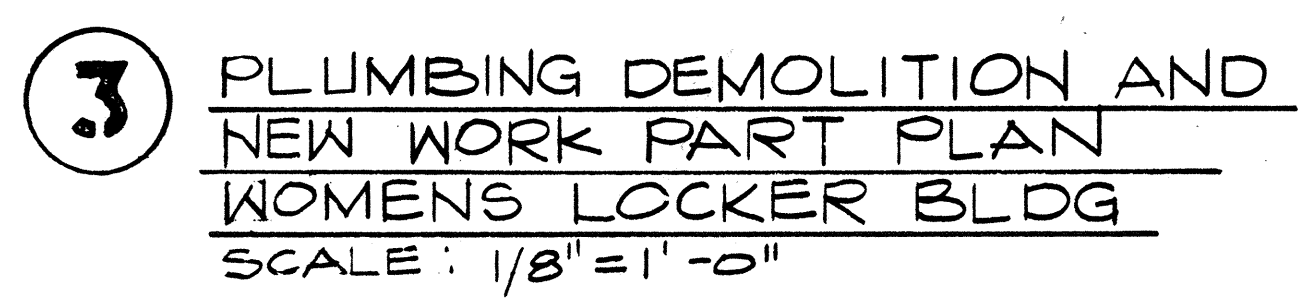
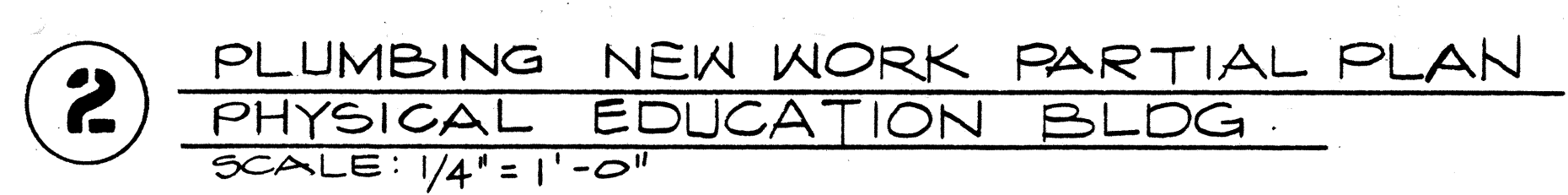
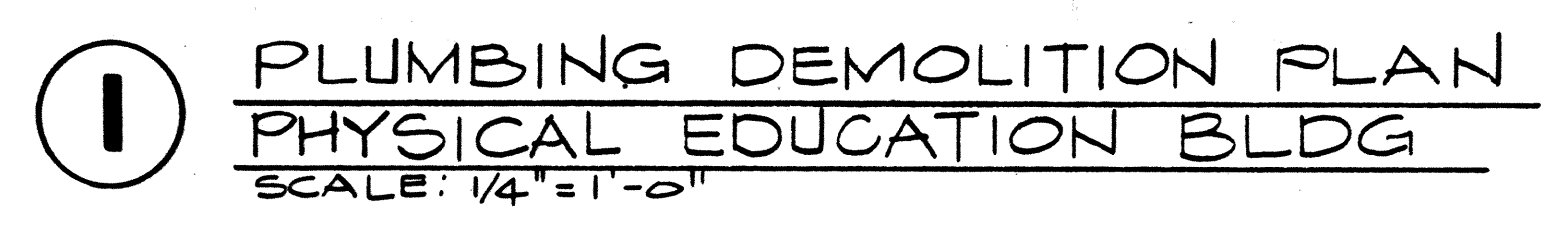
CHECKED BY: AT DATE: 2/17/93

APPL. NO.: SHEET: P1

DATA NO.: NO. 2 OF 4

FORM NO. CC-101 JANUARY 1992





- NOTES:
1. SEE PD FOR LEGEND & SCHEDULES
  2. FOR (R) FIXTURES SHOWN, UNLESS OTHERWISE NOTED, PLUG SS CONNECTION BELOW FLOOR OR INSIDE WALL, (R) CW, HW PIPING AND CAP INSIDE WALL AND REMOVE ASSOCIATED AFFURTENANCES AND SUPPORT
  3. REFER TO ARCH DWG A1.2 & A2.2 FOR FIXTURE LOCATION REQUIREMENTS.
  4. (E) CW, HW & SS SHALL BE REUSED FOR (N) INSTALLATION UNLESS OTHERWISE NOTED.

7-28-93

APPROVE:

SANTA CRUZ STATE FIRE MARSHAL

OFFICE OF THE STATE ARCHITECT  
ACCESS COMPLIANCE SECTION

59314 JUL 28 1993

APPROVAL OF SUBMITTALS FOR ACCESS COMPLIANCE  
BY SUBMITTER'S DESIGN PROFESSIONAL

IDENTIFICATION NUMBER  
Department of General Services  
Office of the State Architect

ALIS - 2 683

Structural Safety Section

59314 JUL 28 1993

CONSULTANT

CONSULTANT

BWF CONSULTING ENGINEERS  
MECHANICAL AND ELECTRICAL ENGINEERS  
810 MYRTLE AVENUE, SUITE 100  
SOUTH SAN FRANCISCO, CALIFORNIA 94080  
(415) 871-0220

**BWF**

92055  
JOB NUMBER

ARCHITECT

**C/C**

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ARCHITECTURE • PLANNING

3516 Macdonald Avenue  
Richmond, CA 94805-2113  
Telephone: (510) 232-2637  
Fax Number: (510) 232-7281

PROJECT

**ARCHITECTURAL  
BARRIER REMOVAL**

**CONTRA COSTA COLLEGE**  
2600 Mission Bell Drive  
San Pablo, CA 94806

AS BUILT - 11/10/95

G. J. - SAUSA

Contra Costa Community  
College District

STATUS:

**BID SET**

REVISIONS: (Δ indicates revisions made to this sheet.)

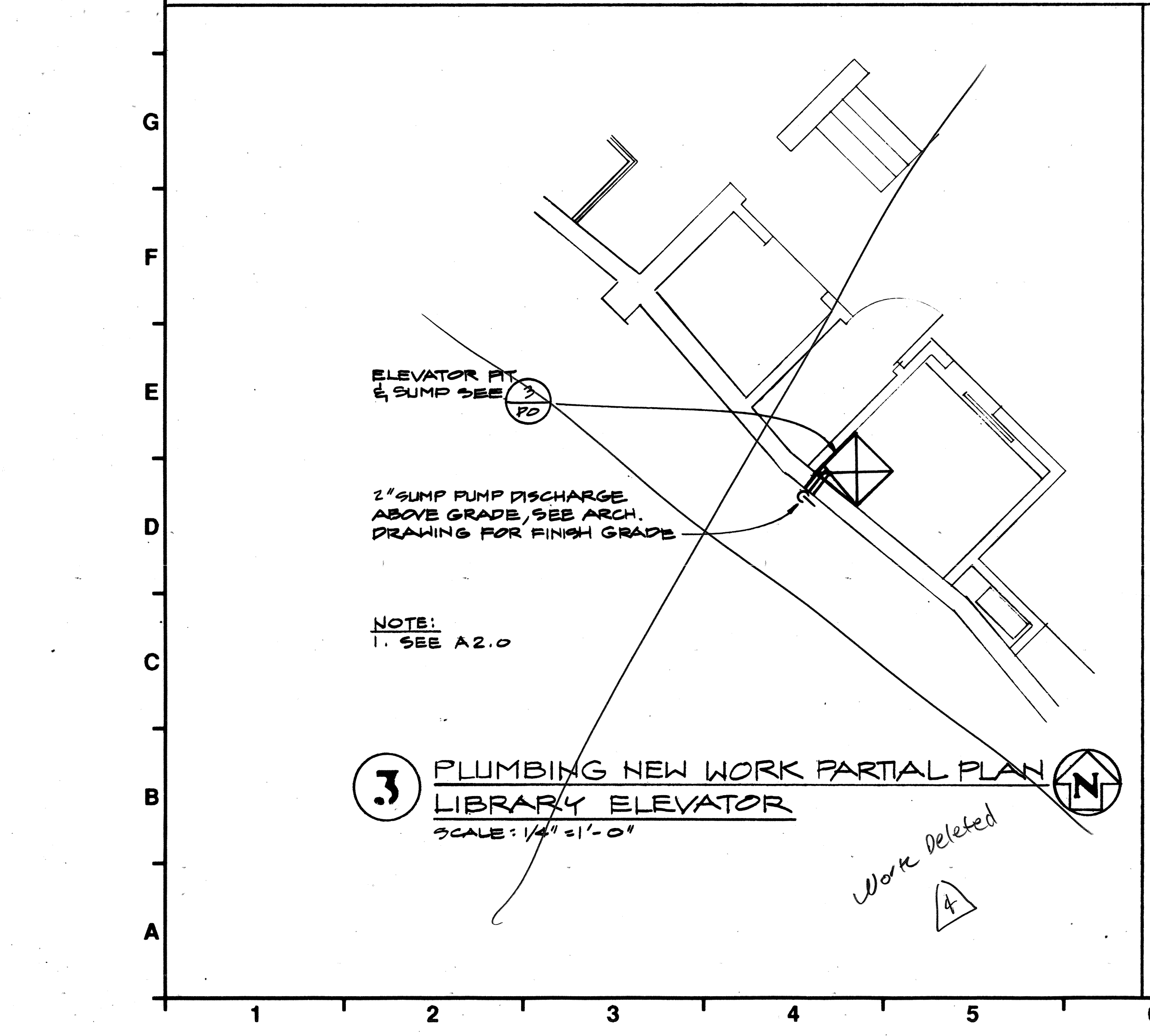
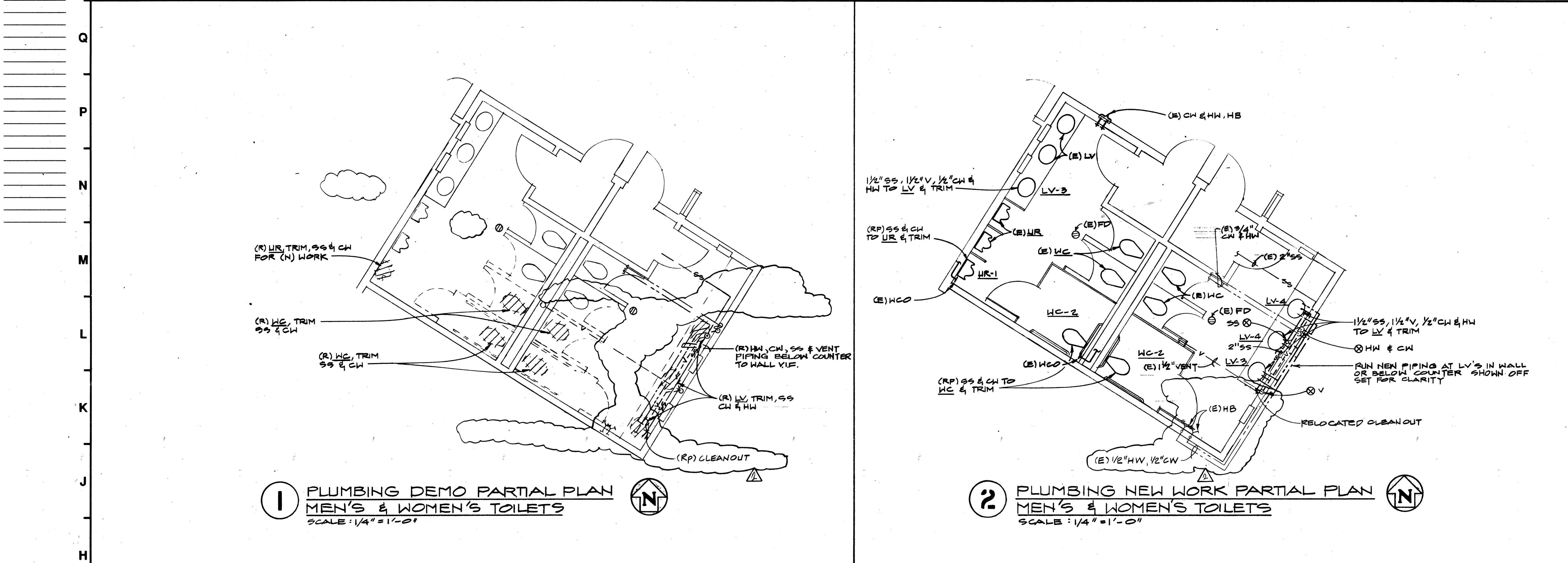
NO.	DATE	NO.	DATE
Δ	9/28/94	ADDENDUM NO. 1	

SHEET TITLE

**PLUMBING PLANS  
PHYSICAL EDUCATION  
BLDG AND WOMEN'S  
LOCKER BLDG**

DRAWN BY <b>ELD</b>	PROJECT NO. <b>2657.89</b>
CHECKED BY <b>AT</b>	DATE <b>2/17/93</b>
AMPL. NO.	SHEET <b>P2</b>
DATA NO.	NO. <b>3</b> OF <b>4</b>





- NOTES
1. SEE PO FOR LEGEND & SCHEDULES
  2. FOR (R) FIXTURES SHOWN, UNLESS OTHERWISE NOTED, PLUG SS CONNECTION BELOW FLOOR OR INSIDE WALL, (R) CW, HW PIPING AND CAP INSIDE WALL AND REMOVE ASSOCIATED APPURTENANCES AND SUPPORTS
  3. REFER TO ARCH DWG A1.2 & A2.3 FOR FIXTURE LOCATION REQUIREMENTS
  4. (E) CW, HW & HWR SHOWN ARE ABOVE FINISHED CEILING
  5. (E) CW, HW & SS SHALL BE REUSED FOR (N) INSTALLATION UNLESS OTHERWISE NOTED

COMETTA / CIANFICHI

OFFICE OF THE STATE ARCHITECT  
ACCESS COMPLIANCE SECTION  
59314 JUL 28 1993  
APPROVAL (Seal of the State Architect)  
JENNIFER L. CANNON  
State Architect  
Office of the State Architect  
AUG - 2 1993  
Structural Safety Section  
59314

CONSULTANT  
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Richmond, CA 94805-2113  
Telephone: (510) 232-2637  
Fax Number: (510) 232-7281

PROJECT  
ARCHITECTURAL  
BARRIER REMOVAL  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806  
AS BUILT - 11/10/55  
J. J. S. AVAL

STATUS  
BID SET

REVISIONS: (1) indicates revisions made to this sheet.  
NO. DATE NO. DATE  
1 6/28/94 ADDENDUM No. 1

SHEET TITLE  
PLUMBING PLAN  
PERFORMING ARTS  
CENTER & LIBRARY

DRAWN BY  
ELP  
PROJECT NO.  
2657-89

CHECKED BY  
AT  
DATE  
2/17/93

APPL. NO.  
SHEET  
P3

DATA NO.  
NO. 4 OF 4

FORM NO. CC-101 JANUARY 1992



## FIXTURE SCHEDULE

TYPE	MANUFACTURER AND CATALOG NUMBER	LAMP QUANTITY AND TYPE	DESCRIPTION
A	HADCO CONTEMPO #V448	1 - 175 MH	POLE MOUNTED AREA LIGHT WITH 14" DIAMETER OPAL U.V. STABILIZED POLYCARBONATE GLOBE WITH CONCRETE BASE COMPLETE WITH INSTALLATION HARDWARE. PROVIDE PHOTOCCELL
B	STAFF #1432	2 - 13W PL TWIN TUBE 120V	14" DIAMETER SURFACE MOUNTED FLUORESCENT FIXTURE WITH ROUND ACRYLIC LENS

## DOOR TYPE SCHEDULE

1	DOOR TYPE I	EXISTING DOOR WITH NEW AUTOMATIC DOOR OPENER, SENSOR AND HANDRAIL
2	DOOR TYPE II	EXISTING DOOR WITH NEW AUTOMATIC DOOR OPENER, PUSH PLATE TYPE
3	DOOR TYPE III	NEW DOOR AND NEW HARDWARE IN COMPLIANCE WITH C.C.R. TITLE 24. NO ELECTRICAL REQUIRED
4	DOOR TYPE IV	NEW GLASS DOOR IN ALUMINUM FRAME WITH AUTOMATIC DOOR OPENER, PUSH PLATE TYPE
5	DOOR TYPE V	EXISTING DOOR WITH NEW AUTOMATIC DOOR OPENER, SENSOR AND HANDRAIL TYPE AND NEW THRESHOLD
6	DOOR TYPE VI	EXISTING DOOR WITH NEW AUTOMATIC DOOR OPENER, PUSH PLATE TYPE AND NEW THRESHOLD

INSTALL ALL ELECTRICAL CONDUITS, WIRING AND OUTLETS AS REQUIRED BY EACH TYPE OF DOOR. COORDINATE WITH ARCHITECTURAL.

### SCHOOLS EQUIPMENT ANCHORAGE

In accordance with Title 24, Section 2312(g) and Table No. 23-P, details shall be provided for the seismic anchorage of all mechanical and electrical equipment. Anchorage details shall be based upon appropriate design calculations.

For equipment weighing 400 pounds or more anchorage details and appropriate design calculations shall be submitted as part of the mechanical and electrical drawing. "Deferred Approval" items will not be permitted unless specifically approved by the Plan Check Supervisor.

EXCEPTION: Attachments of equipment weighing less than 400 pounds and supported directly on the floor or roof structure, furniture, or temporary or movable equipment and equipment weighing less than 20 pounds that is supported by vibration isolation devices suspended from the roof, wall or floor, need not be detailed on the plans provided the following notes are included on the mechanical and electrical plans.

All mechanical and electrical equipment shall be braced or anchored to resist a horizontal force acting in any direction using the following criteria:

Fixed Equipment on Grade	20% of Operating Weight
Fixed Equipment on Structure	30% of Operating Weight
Emergency Power Equipment on Grade	30% of Operating Weight
Emergency Power Equipment on Structure	40% of Operating Weight

Simultaneous Vertical Force - Use 1/3 X Horizontal Force.

For Flexibly Mounted Equipment see Title 24, Section 2312(g)2.

Where anchorage details are not shown on the drawings, the field installation shall be subject to the approval of the structural engineer and the field representative of the Office of the State Architect.

### NOTICE

This table has been prepared for an Importance Factor of I=1.0 and for Seismic Zone 4. Make appropriate adjustment for any other values.

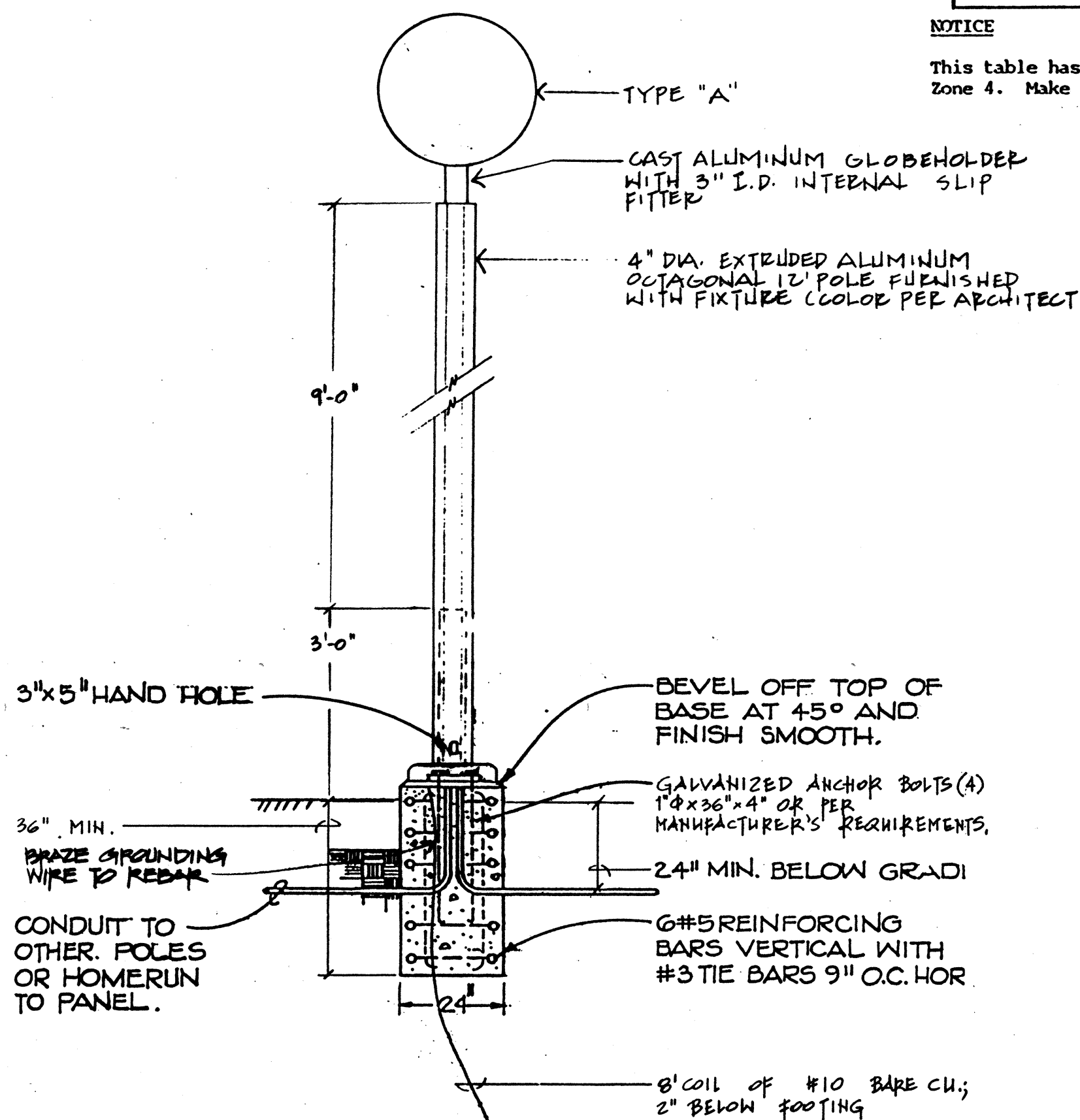
## GENERAL ELECTRICAL NOTES

- ELECTRICAL CONTRACTOR IS TO PROVIDE LABOR, MATERIALS, TRANSPORTATION, EQUIPMENT, RELATED HAND TOOLS, SPECIAL AND OCCASIONAL SERVICES TO CONSTRUCT AND INSTALL THE COMPLETE ELECTRICAL SYSTEM AS SPECIFIED AND SHOWN ON THE PLANS.
- MOUNTING HEIGHTS SHOWN (I.E. +48") ARE FROM FINISHED FLOOR TO CENTERLINE OUTLET. ALL MOUNTING HEIGHTS SHALL BE AS SHOWN ON SYMBOL LIST UNLESS OTHERWISE NOTED ON DRAWINGS.
- BONDING JUMPERS SHALL BE INSTALLED TO INSURE CONTINUITY WHERE CONDUIT CONNECTIONS AT CONCENTRIC KNOCKOUTS ARE TO SERVE AS A GROUND.
- ALL U.L. LISTED EQUIPMENT SHALL BE INSTALLED AS PER LISTING OR LABELING (I.E. MAX. FUSE SIZES MEAN FUSE PROTECTION REQUIRED).
- REFER TO ARCHITECTURAL DRAWINGS FOR ACTUAL LAYOUTS OF LIGHTING FIXTURES IN CEILING.
- CONTRACTOR TO COORDINATE ALL NEW WORK WITH EXISTING CONDITIONS.
- ALL ELECTRICAL CONDUIT AND ELECTRICAL EQUIPMENT SHALL BE BRACED OR ANCHORED TO RESIST HORIZONTAL FORCES AS REQUIRED BY SECTION 2312(g) AND TABLE 23-P, PART B, TITLE 24, CALIFORNIA ADMINISTRATIVE CODE, PART 2.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO ALL WALLS, FLOORS AND CEILINGS. IF DAMAGE OCCURS DURING CONSTRUCTION, THEY SHALL COORDINATE WITH GENERAL CONTRACTOR TO PATCH, PAINT AND REPAIR TO MATCH EXISTING CONDITIONS.
- COORDINATE EQUIPMENT LOCATIONS AND ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT REQUIRING ELECTRICAL HOOK-UP WITH CONTRACTOR RESPONSIBLE FOR PROVIDING EQUIPMENT AND EQUIPMENT MANUFACTURER DATA SHEETS.
- FLUORESCENT LIGHT FIXTURES SHALL HAVE CERTIFIED LUMINAIRE/BALLASTS PER STATE OF CALIFORNIA BUILDING ENERGY STANDARDS 2-5314(d).
- PENETRATIONS OF FIRE WALLS, CEILINGS OR FLOORS SHALL COMPLY WITH U.B.C. REQUIREMENTS.
- REVISE EXISTING DIRECTORY IN EXISTING PANELS, GIVING CIRCUIT NUMBER AND COMPLETE DESCRIPTION OF ALL OUTLETS CONTROLLED BY EACH CIRCUIT BREAKER.
- ALL CONTROL DEVICES TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA SHALL BE INSTALLED AT A MINIMUM OF 36" C/L TO A MAXIMUM OF 48" C/L FROM THE FINISHED FLOOR.
- PROVIDE CONTINUED OPERATION OF ALL CIRCUITS NOT IN REMODELED AREA AFFECTED BY THIS WORK.
- PROVIDE SEPARATE SHOP DRAWINGS FOR FIRE ALARM SYSTEM TO STATE FIRE MARSHAL AT O.S.A. FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. PROVIDE STATE FIRE MARSHAL LIST NUMBER FOR ALL COMPONENTS.

CONTRACTOR TO REVIEW ARCHITECTURAL DRAWINGS & ENTIRE CONTRACT DOCUMENTS FOR ADDITIONAL ELECTRICAL WORK. PROVIDE ALL REQUIRED COORDINATION, MATERIALS & LABOR FOR A COMPLETE INSTALLATION OF ITEMS SHOWN IN DOCUMENTS, I.E.: RELOCATED THERMOSTATS, SWITCHES, REPAIRING, REMODELING A NEW WORK, ETC.

## SYMBOL LIST

EXISTING FLUORESCENT LIGHT
EXISTING RECESSED LIGHT
EXISTING WALL LIGHT
EXISTING LIGHT SWITCH
EXISTING JUNCTION BOX
EXISTING WALL J-BOX
EXISTING DUPLEX RECEPTACLE
EXISTING MOTOR CONNECTION
EXISTING ELECTRICAL PANEL (PNL) U.O.N.
EXISTING FIRE PULL STATION
EXISTING FIRE ALARM HORN
EXISTING CIRCUITRY
EXISTING CIRCUITRY TO BE INTERCEPTED WITH NEW CIRCUITRY
FLUORESCENT LIGHT FIXTURE - SEE FIXTURE SCHEDULE
WALL MOUNTED LIGHT
1ST LIGHT SWITCH +48" OR AS NOTED. LETTER INDICATES WHICH OUTLETS ARE CONTROLLED BY SWITCH
JUNCTION BOX - SIZED PER CODE
DUPLEX RECEPTACLE - 20A, 125V, 3 WIRE, GROUNDABLE NEMA 5 - 20R, +18" U.O.N.
MOTOR CONNECTION
FUSED DISCONNECT SWITCH, LOCKABLE TYPE - SIZED PER MANUFACTURER'S REQUIREMENTS
WALL MOUNTED STROBE LIGHT +7'-0" A.F.F.
CONDUIT CONCEALED IN CEILING OR WALL UNLESS OTHERWISE NOTED
CONDUIT RUN UNDERGROUND
CONDUIT RUN EXPOSED
HOMERUN TO PANELBOARD OR OTHER TERMINATION POINT
ANY BRANCH CIRCUIT CONDUIT SHALL BE MINIMUM 1/2" C - 2#12 UNLESS OTHERWISE NOTED OR INDICATED. FOR A GREATER NUMBER OF #12 WIRES: (---) = 1/2" C - 3#12 ETC. FOR WIRE SIZES OTHER THAN #12: (---) = 3/8" IN CODE SIZE CONDUIT ETC.
WIREMOLD SERIES
RISER UP
RISER DOWN
EXISTING
EXISTING TO REMAIN
GROUND FAULT INTERRUPTER
EMPTY CONDUIT WITH PULL CORD
NEW
RELOCATED
UNLESS OTHERWISE NOTED
FIRE ALARM AND TELEPHONE TERMINAL CABINET
FIRE ALARM CONTROL PANEL
NUMBERED NOTE 2
DETAIL TAG - REFERS TO DETAIL NO. 1 ON SHEET E-1
LIGHT FIXTURE TAG - LETTER DENOTES TYPE OF FIXTURE, NUMBER DESIGNATES NUMBER OF LAMPS AND WATTAGE
DOOR TYPE CALL OUT - SEE SCHEDULE AND COORDINATE WITH ARCHITECTURAL

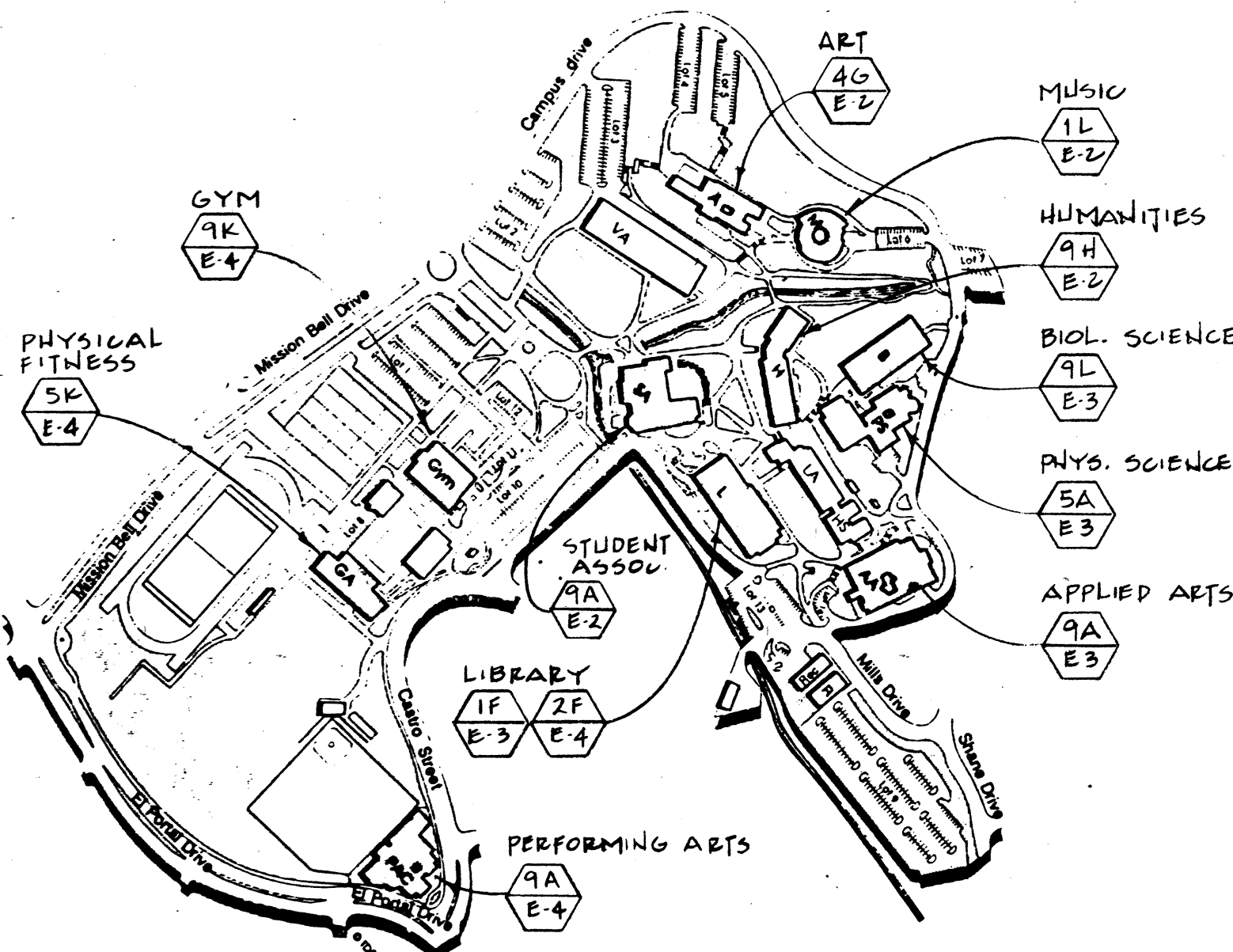


TYPICAL LIGHTING POST DETAIL

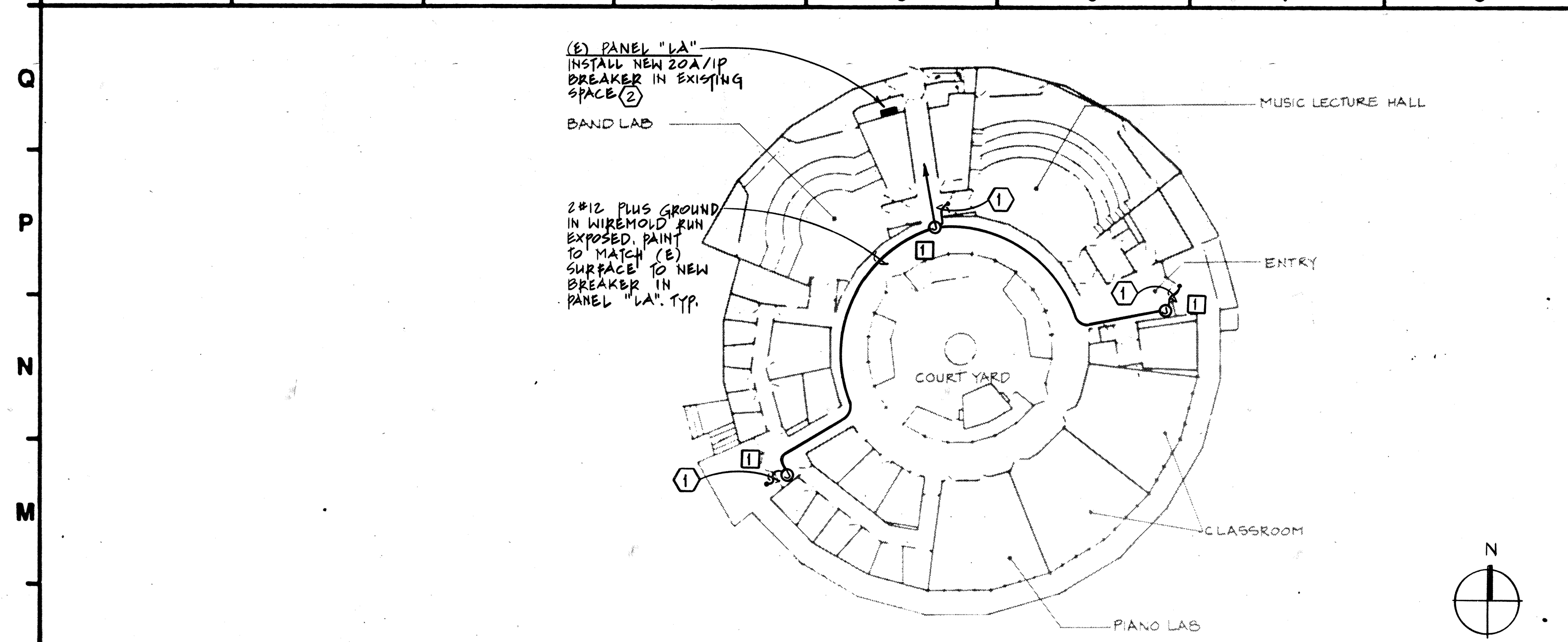
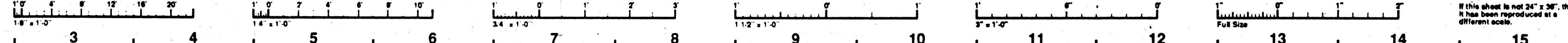
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## ELECTRICAL KEY PLAN

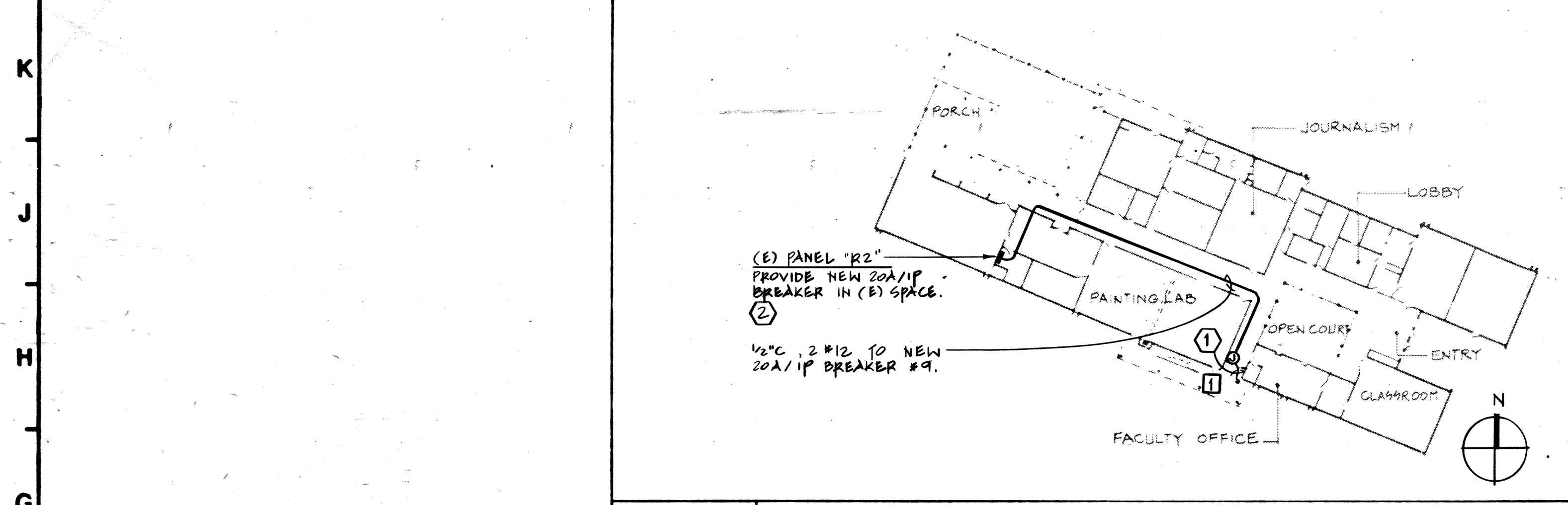
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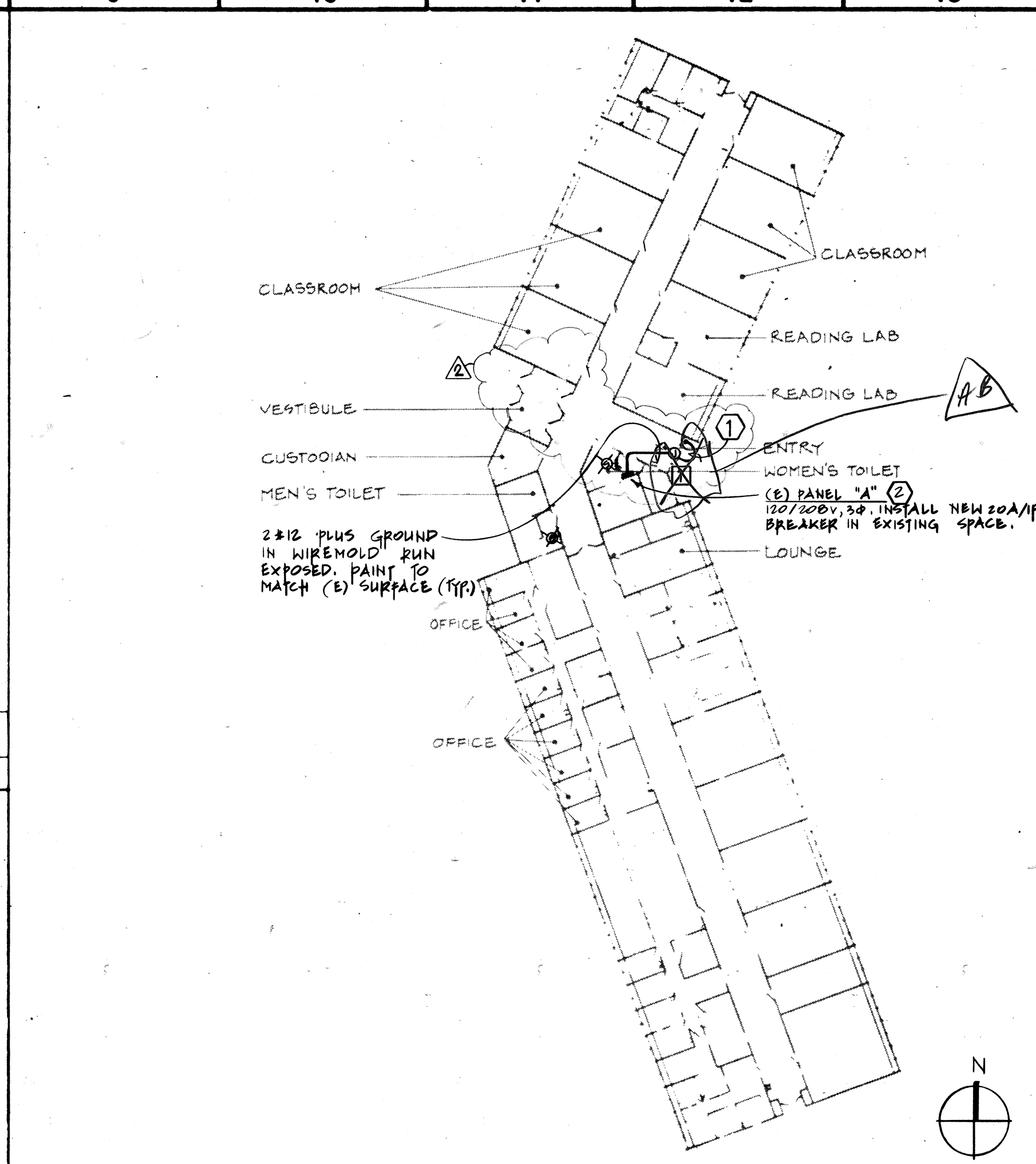




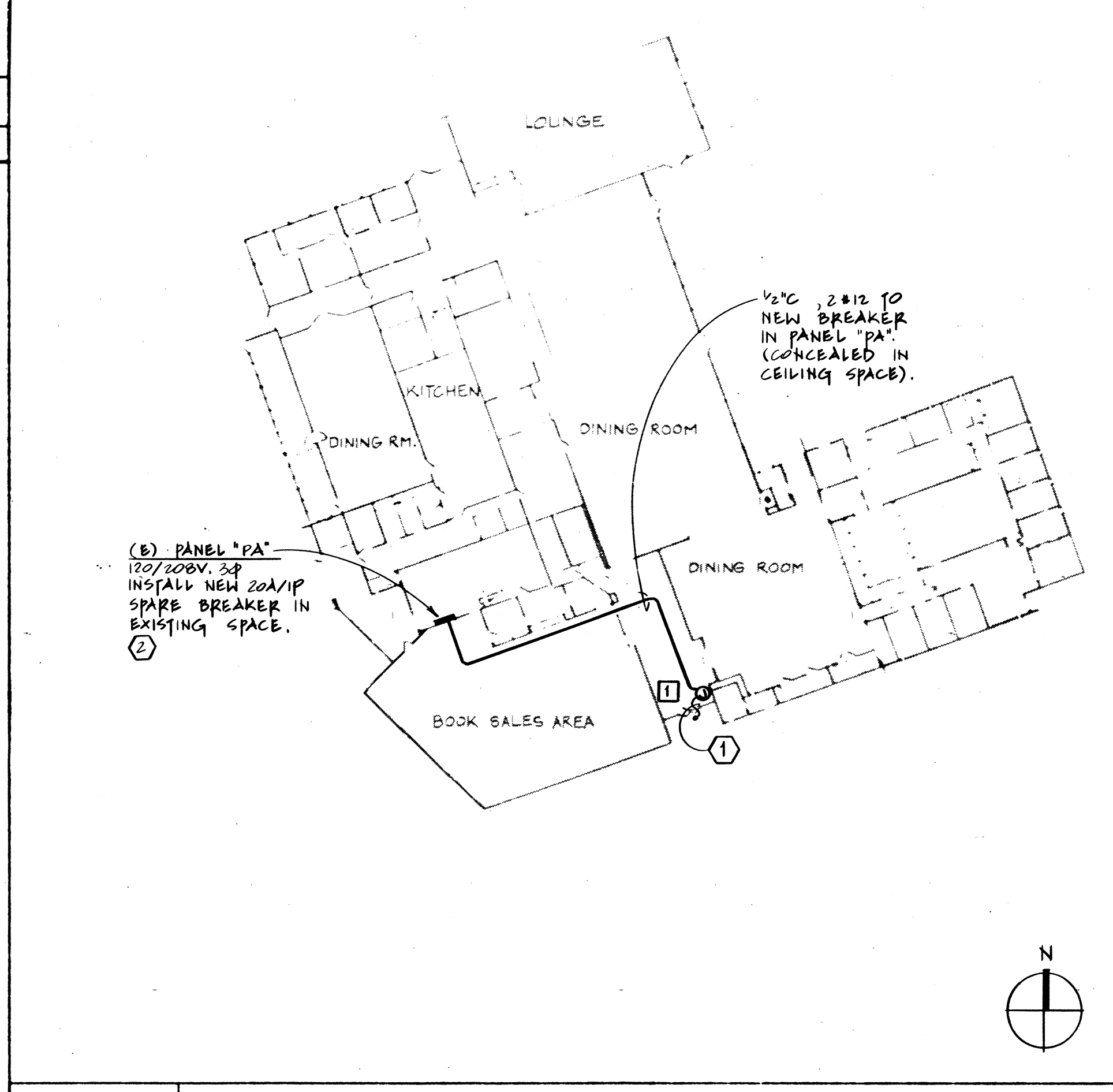
IL MUSIC BUILDING  
N.T.S.



4G ART BUILDING  
N.T.S.



9H HUMANITIES BUILDING  
N.T.S.



9A STUDENT ASSOCIATION BUILDING  
N.T.S.

- ### SHEET NOTES
- CONNECT TO ELECTRIC DOOR OPERATOR. SEE MANUFACTURER'S DRAWINGS FOR CONNECTION REQUIREMENTS.
  - UPDATE PANELBOARD WITH TYPEWRITTEN DIRECTORY TO INDICATE NEW AND EXISTING LOADS BEING SERVED.



APPROVED  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES  
DATE MAR 20 1994  
ADDENDUM 1

COMETTA / CIANFICHI

APPROVED

59314 JUL 29 1993

IDENTIFICATION STATE  
Professional Services  
Office of the State Architect  
AUG - 2 1993

Structural Safety Section  
# 59314 2/21/94

9211

**WHM INCORPORATED**  
Engineering Consultants  
1805 School Street  
Moraga, CA 94556  
Tel (510)376-2902 • Fax (510)376-2904

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COMETTA / CIANFICHI  
ARCHITECTURE • PLANNING

3516 Macdonald Avenue  
Richmond, CA 94805-2113  
Telephone (510) 232-2637  
Fax Number (510) 232-7281

**ARCHITECTURAL  
BARRIER REMOVAL**  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
San Pablo, CA 94806

AS BUILT - 11/10/95

SAUSAL

Contra Costa Community  
College District

**BID SET**

REVISIONS: REVISIONS MADE TO THIS SET

6/28/94 ADDENDUM NO. 1


**Floor Plans -  
Bldg. Group 1  
- Electrical**

DESIGNED BY	K.M.	PROJECT NO.	2657.89
CHECKED BY	J.W.	DATE	2/17/93
DATE NO.	59314	7-C1	E2
DATE NO.			



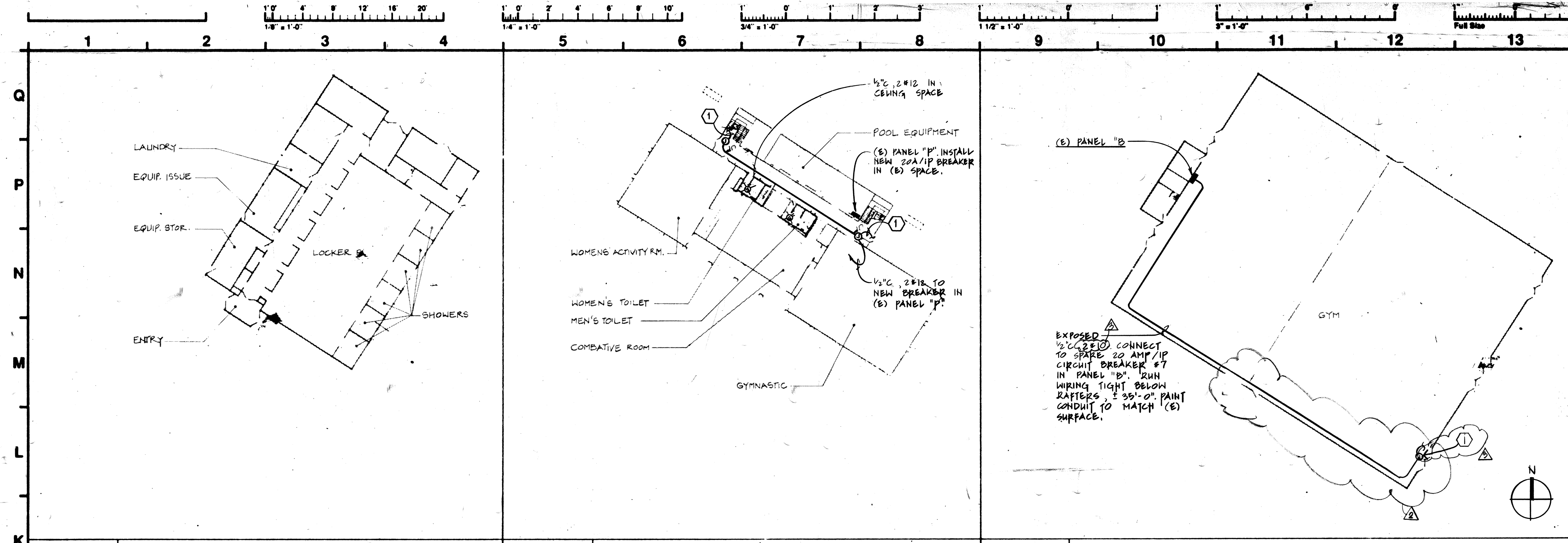
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APPROVED  
DIV. OF THE STATE ARCHITECT  
OFFICE OF REGULATION SERVICES  
AC \_\_\_\_\_ F/LR a SS CKC  
APPL NO. \_\_\_\_\_ DATE MAR 20 1998  
5. APPENDIX

COMETTA / CIANFICHI																					
<p style="text-align: right;"><b>APPROVED</b></p> <p><b>A. CALIFORNIA STATE FIRE MARSHAL:</b></p> <p style="font-size: small;">THIS PLAN DOES NOT CONSTITUTE AN INSURANCE POLICY OR A GUARANTEE OF THE ACCURACY OF THE INFORMATION PROVIDED HEREON. IT IS SUBJECT TO FIELD INSPECTION ONE SET OF APPROVED PLANS SHALL BE AVAILABLE ON THE PROJECT SITE AT ALL TIMES.</p> <p style="text-align: right;">REVIEWED BY: <i>[Signature]</i> 7-27-93</p>	<p style="font-size: x-small;">OFFICE OF THE STATE ARCHITECT 1500 MARKET STREET, SUITE 100 SAN FRANCISCO, CA 94102 TELEPHONE (415) 776-3100 FAX (415) 776-3101</p> <p style="text-align: center;"><b>'59314 JUL 28 1993</b></p> <p style="font-size: x-small;">ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT PERMISSION IN WRITING FROM THE OFFICE OF THE STATE ARCHITECT.</p> <p style="text-align: center;"><b>JUL 28 1993</b></p> <p style="font-size: x-small;">JUN # _____ # _____ Checked By: <i>[Signature]</i> 7-27-93</p>																				
<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> <i>[Signature]</i> ARCHITECT COMETTA / CIANFICHI         </div> </div>																					
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<p style="font-size: x-small;">PROJECT -</p> <p style="font-size: large; font-weight: bold;">ARCHITECTURAL BARRIER REMOVAL</p> <p style="font-weight: bold;">CONTRA COSTA COLLEGE 2600 Mission Bell Drive San Pablo, CA 94806</p> <p style="font-style: italic; font-size: large;">AS BUILT - 11/10/95</p> <p style="font-style: italic; font-size: large;">[Signature] SASSAL</p> <p style="font-weight: bold;">Contra Costa Community College District</p>																					
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<p style="font-size: x-small;">REVISONS: ( Δ indicates revisions made in this sheet )</p> <table style="width: 100%;"> <thead> <tr> <th style="width: 30%;">NO.</th> <th style="width: 40%;">DATE</th> <th style="width: 30%;">NO.</th> <th style="width: 30%;">DATE</th> </tr> </thead> <tbody> <tr> <td>Δ 1</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">ADDENDUM NO. 1</td> </tr> <tr> <td>Δ 2</td> <td>1/27/94</td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">ADDENDUM No. 2</td> </tr> </tbody> </table>		NO.	DATE	NO.	DATE	Δ 1				ADDENDUM NO. 1				Δ 2	1/27/94			ADDENDUM No. 2			
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<p># 9211</p> <p style="text-align: center; font-size: x-small;">FORM NO CC-191 JANUARY 1989</p>																					



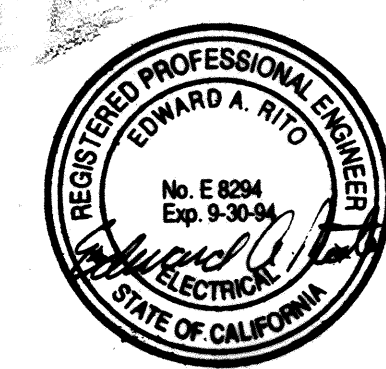
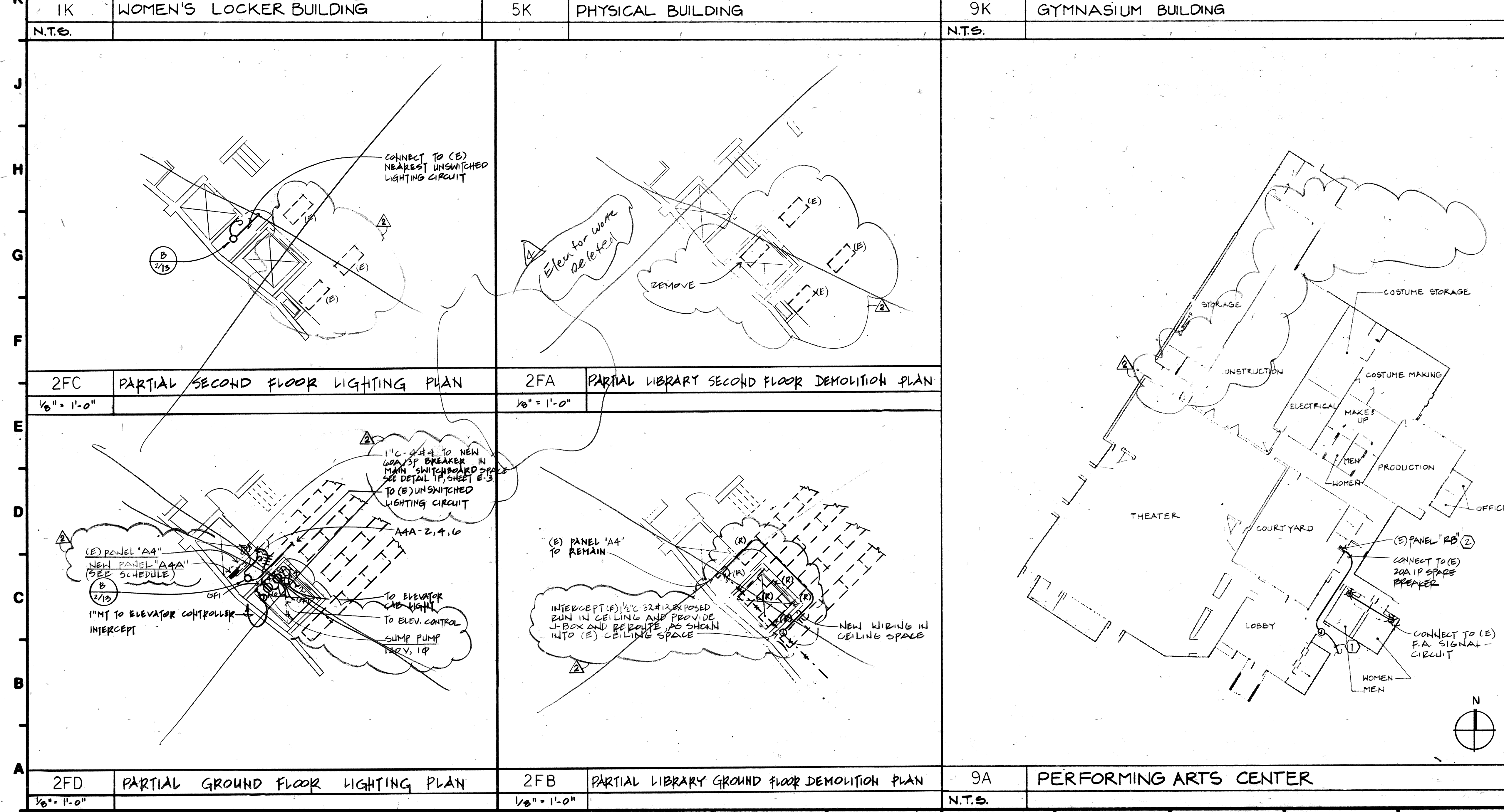
Print to A1 Mini  
4/14/93  
22 MAR. 94



**SHEET NOTES**

1 CONNECT TO ELECTRIC DOOR OPERATOR. SEE MANUFACTURER'S DRAWINGS FOR CONNECTION REQUIREMENTS.

2 UPDATE PANELBOARD WITH TYPEWRITTEN DIRECTORY TO INDICATE NEW AND EXISTING LOADS BEING SERVED.



COMETTA / CIANFICHI

APPROVED

ARCHITECT

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PROJECT

ARCHITECTURAL  
BARRIER REMOVAL  
CONTRA COSTA COLLEGE  
2800 Mission Bell Drive  
San Pablo, CA 94806  
AS BUILT - 11/10/95  
J. G. - SAUSAL

Contra Costa Community  
College District

STATUS

BID SET

REVISIONS: (A) PRELIMINARY REVISIONS MADE TO THIS SET

NO. DATE NO. DATE

ADDENDUM NO. 1  
1/21/94 ADDENDUM NO. 2

SHEET TITLE

Floor Plans -  
Bldg. Group 3  
- Electrical

DRAWN BY: K.M. PROJECT NO: 2657.89

CHECKED BY: J.W. DATE: 2/17/93

APL NO: 59314 7-C1 SHEET: E4

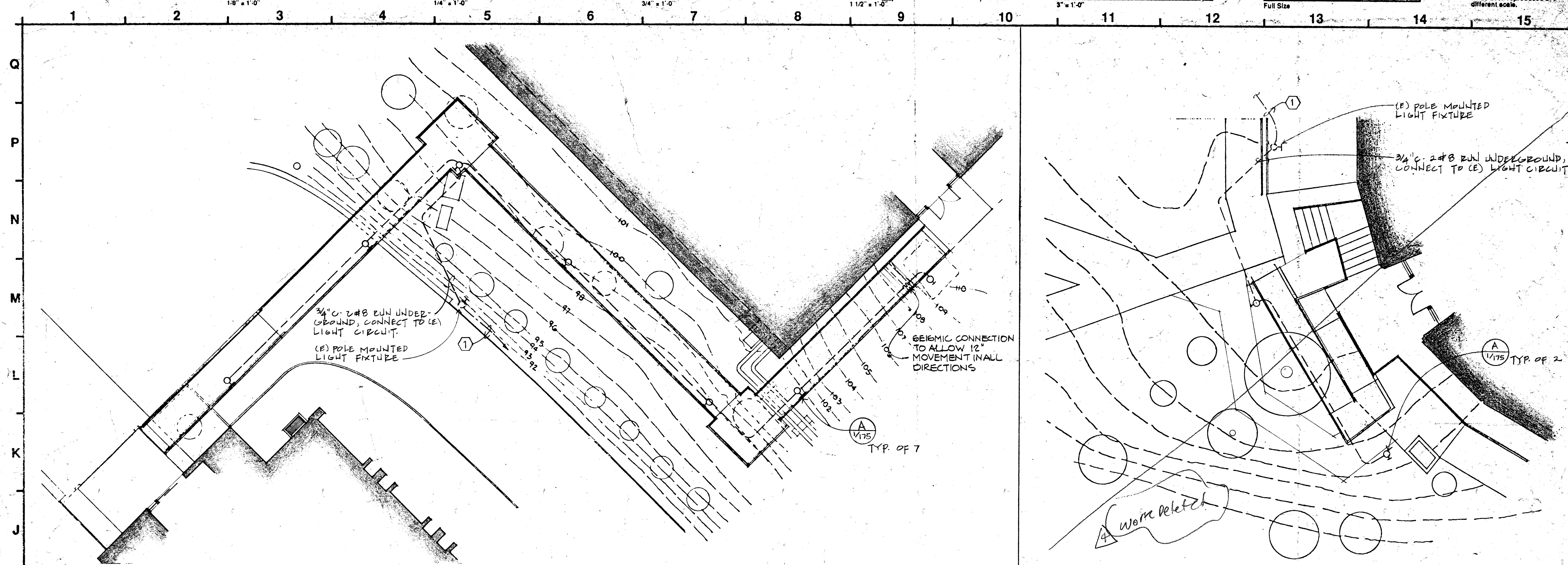
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# 9211

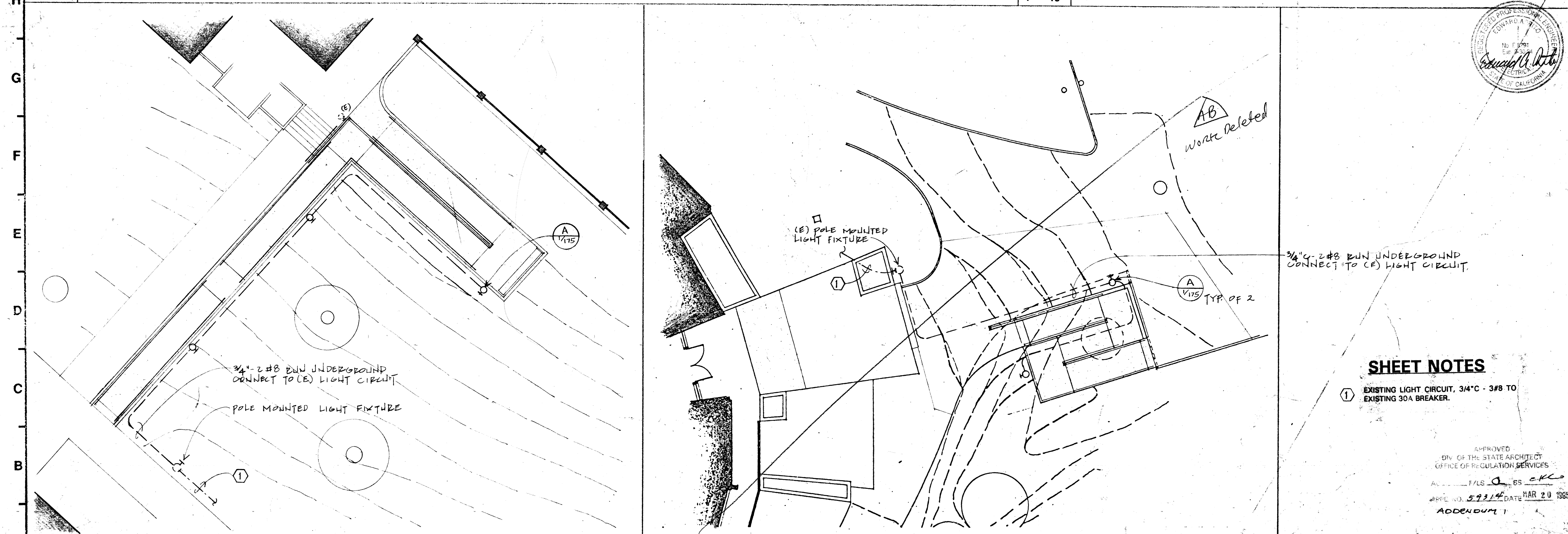
FORMED ON JAN. 1993



4/19/93  
1/11/94  
23 FEB 94  
22 MAR 94



1 LIBERAL ARTS AND PHYSICAL SCIENCE BUILDING - LIGHTING PLAN  
2 MUSIC BUILDING - LIGHTING PLAN AT WEST ENTRY  
1" = 10'



3 LIBRARY AND LIBERAL ARTS BLDG. - LIGHTING PLAN AT RAMP  
4 MUSIC BUILDING - LIGHTING PLAN AT EAST ENTRY  
1" = 10'

**SHEET NOTES**

- 1 EXISTING LIGHT CIRCUIT, 3/4" C-3#8 TO EXISTING 30A BREAKER.

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PROJECT  
**ARCHITECTURAL BARRIER REMOVAL**  
CONTRA COSTA COLLEGE  
2600 Mission Bell Drive  
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AS BUILT - 11/10/95  
J. De - SAUSA

Contra Costa Community College District

STATUS  
**BID SET**

REVISIONS: (1) MODIFICATIONS MADE TO THIS SHEET  
NO. DATE NO. DATE  
1 6/28/94 ADDENDUM NO. 1

SHEET TITLE  
**Lighting Plans, Notes**

DRAWN BY: [Signature] PROJECT NO: 2657.89  
CHECKED BY: [Signature] DATE: 22 MARCH 1994  
APPROVED BY: [Signature] DATE: MAR 20 1994  
ADDENDUM 1

DATE: 22 MARCH 1994  
SHEET: E5