ABBREVIATIONS J BOX JUNCTION BOX ASPHALTIC CONCRETE JST **JOIST JOINT** ACOUSTICA ACOUSTIC CEILING TILE LAV LAVATORY ADDL LAG BOLT LB LINEAR FEI ADJACENT / ADJUSTABL LKR LIGHT STRUCTURAL STEEL MAS **MASONRY** MATL MATERIAL MAX **MAXIMUM** ALTERNATE **ALUMINUM** MACHINE BOL AND MECH MECHANICAL ANODIZED MANUFACTURE MANHOLE **APPROXIMAT** MINIMUM MISC MISCELLANEOU MTD MOUNTED METAL MUL MULLION **BLOCK** NORTH HAZARDOUS MATERIALS DISCLAIMER NEW BEAM BOTTOM O NOT APPLICABLE HAZARDOUS MATERIALS HAVE BEEN IDENTIFIED BY OTHERS TO EXIST AT THIS SITE. DISTURBANCE OF THESE NOT IN CONTRACT MATERIALS MUST BE CONDUCTED IN ACCORDANCE WITH THE SPECIFICATIONS AND DRAWINGS PREPARED BY BUILT UP ROOFING NUMBER DISTRICT'S ENVIRONMENTAL CONSULTANT. CAB CABINET NOM NTS CARRIAGE BOL NOT TO SCALE IF UNDOCUMENTED HAZARDOUS MATERIALS ARE DISCOVERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY ISOLATE THE AFFECTED AREA AND NOTIFY THE DISTRICT FOR FURTHER INSTRUCTION BEFORE CEM CEMENT / CEMENTITIOUS ON CENTER PROCEEDING. HAZARDOUS MATERIALS MANAGEMENT AND CONSTRUCTION ADMINISTRATION IS UNDER THE CER 0CCOCCUPANT DIRECTION OF CONTRA COSTA COMMUNITY COLLEGE AND THEIR CONSULTANT. THE CONTRACTOR SHALL COLD FORMED METAL FRAMING CFMF OD OVERFLOW DRAIN CONTACT THE OWNER TO COORDINATE ANY AND ALL ISSUES RELATED TO HAZARDOUS MATERIAL MANAGEMENT OUTSIDE FACE CAST IRON **CONTROL JOIN** OWNER FURNISH CONTRACTOR INSTALL OWNER FURNISH OWNER INSTALL OF0I CAULKING OFD OVERFLOW DRAIN CLO CLOSET OFFICE CLR CLEAR **OPERABLE** CONCRETE MASONRY UNIT OPP HD OPPOSITE HAND CNTR OPNG CLEAN OUT PUBLIC ADDRESS COL PARTN PARTITION PCP PORTLAND CEMENT PLASTER CONCRETE MASONRY UNIT CONN CONNECTION PLATE PLASTIC LAMINATE CONTINUOUS P LAM PLAS PLASTIC PLYW00D CORRIDOR PLY PAIR PROJ PROJECT / PROJECTOR CASEMEN POINT / PRESSURE TREATED COUNTERSIN PTD **PAINTED** PVC POLYVINYLCHLORIDE QTY DOUBLE QUANTITY RISER DEMODEMOLITION RAD RADIUS DRINKING FOUNTAIN **ROOF DRAIN DOUBLE HUNG** REF REFERENCE DIAMETER REFR REFRIGERATOR REG REGISTER DIMENSION DISP DISPOSAL REINFORCING REINF DOWN REQD REQUIRED DOOR REQMTS REQUIREMENTS DS DOWNSPOU RES RESILIENT DTL DETAIL REV REVISION DRAWING R00M DWR DRAWER ROUGH OPENING RAIN WATER LEADER EXISTING SOUTH EACH SASF SELF - ADHERING SHEET FLASHING EXPANSION JOIN SELF - ADHERING SHEET MEMBRANE **ELECTRICAL** SOLID CORE **ELEVATOR / ELEVATION** SCHED SCHEDULE **ENLARGED** STRUCTURAL ENGINEER **EDGE OF SLAB** SEC SECTION **ELECTRICAL PANEL** SED SEE ELECTRICAL DRAWINGS SUPPLY FAN EQUIPMENT SINGLE HUNG ELECTRIC WATER COOLER SHT SHEET EXHAUST SHTG SHEATHING **EXPANSION** SIM SIMILAR **EXTERIOR** SLD SEE LANDSCAPE DRAWINGS FIRE ALARM SMD SEE MECHANICAL DRAWINGS FLOOR DRAIN **SYMBOLS** SOG SLAB ON GRADE **FOUNDATION** SPACE FIRE EXTINGUISHER SPA SANDWICHED PANEL ASSEMBLY FIRE EXTINGUISHER CABINET SPD SEE PLUMBING DRAWINGS FIRE HOSE CABINET SPEC SPECIFICATION FACE OF CONCRETE SQUARE FACE OF FINISH STAINLESS STEEL F0S FACE OF STUD SSD SEE STRUCTURAL DRAWINGS SEE SIGNAGE DRAWINGS FINISHED FLOOR SSK SERVICE SINK **FIXTURE** SSTL STAINLESS STEEL FLUORESCEN STD STANDARD FL00R STL STEEL **FLOORING** STOR STORAGE STRL STRUCTURA FIBERGLASS REINFORCED PANEL STRUC STRUCTURAL SUSP SUSPENDED FIBERGLASS SANDWICHED PANEL SYS SYSTEM TREAD **FOOTING** TBD TO BE DETERMINED **FURNITURE** FURN TELEPHONE TEMP **TEMPERED** GAUGE **TOUNGUE & GROOVE** GALVANIZED GALV THK THICK(NESS) GRAB BAR THRESHOLD THRESH GENERAL CONTRACTOR TRUSS JOIST GROUND FAULT INTERRUPT TOP OF GALVANIZED IRON TOC TOP OF CONCRETE / CURB GLAM GLUE LAMINATE TOP TOP OF PAVING GLASS, GLAZING TOS TOP OF STEEL GRADE TOW TOP OF WALL GSM GALVANIZED SHEET META TUBE STEEL GYPSUM WALLBOARD TYP **TYPICAL** GYPSUM UON UNLESS OTHERWISE NOTED HIGH VCT VINYL COMPOSITION TILE **HOLLOW CORE** VENT VENTILATION HEAD VERT VERTICAL HDR HEADER PROPERTY LINE VEST VESTIBULE HDW HARDWARE VERIFY IN FIELD HDWD **HARDWOOD** WEST / WIDTH HOLLOW METAL WITH HORIZ HORIZONTAL WATER CLOSET HR **HOUR** WD WOOD HEIGHT WD0 WINDOW HEATING VENTILATING WH WATER HEATER & AIR CONDITIONING WIN WINDOW **INSIDE DIAMETER** W/OWITHOUT INSIDE FACE WHERE OCCURS INCANDESCEN WORK POINT INSUL INSULATION WR WATER RESISTANT INTERIOR WEIGHT

CONTRA COSTA COLLEGE - SEISMIC RETROFIT - PROJECT 1 DISTRICT PROJECT # C-633

2600 MISSION BELL DRIVE SAN PABLO, CALIFORNIA

BUILDING TYPE SUMMARY / SCOPE SUMMARY

LIST OF ITEMS TO BE SALVAGED AND PROVIDED TO DISTRICT FOR RE-USE OR RE-INSTALLATION.

NOTE: ALL SALVAGED ITEMS TO REINSTALLED TO MEET CURRENT CODE REQUIREMENTS

- PROJECTION SCREENS: SALVAGE ALL EXISTING WALL MOUNTED PULL DOWN PROJECTION SCREENS AT THE CLASSROOMS FOR REINSTALLATION;
- PROJECTORS: SALVAGE ALL EXISTING CLG MOUNTED PROJECTORS AT THE CLASSROOMS FOR REINSTALLATION
- B. $\,$ SINK ACCESSORIES AT CLASSROOMS: SALVAGE SOAP AND PAPER TOWEL DISPENSERS IN USABLE CONDITION FOR REINSTALLATION AT THE CLASSROOMS;
- WHITEBOARDS: REMOVE AND SALVAGE ANY (E) WHITEBOARDS IN GOOD CONDITION; RETURN TO
- FIRE EXTINGUISHERS: REMOVE AND SALVAGE (E) FE AND MOUNTING BRACKETS WHERE OCCUR FOR RE-INSTALLATION: 6. <u>HARDWARE</u>: SALVAGE DOOR HARDWARE, LOCKSETS, PANIC DEVICES AND HINGES; RETURN TO

DEFERRED SUBMITTALS

SALVAGE, LIST OF ITEMS

THE DESIGN INTENT AND PERFORMANCE CRITERIA FOR THE FOLLOWING ITEMS IS SHOWN AND NOTED ON THE DRAWINGS AND IN THE SPECIFICATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE DESIGN DRAWINGS AND ASSOCIATED DESIGN CALCULATIONS, IF REQUIRED, FOR CITY APPROVAL PRIOR TO CONSTRUCTION. BIDS SHALL INCLUDE REQUIRED DESIGN, DOCUMENTATION AND INSTALLATION OF A COMPLETE OPERATING SYSTEM THAT SATISFIES THE SPECIFIED PERFORMANCE CRITERIA

1. NONE

BID ALTERNATES NOT APPLICABLE

CODE COMPLIANCE

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

- 1. A copy of Parts 1 and 2, Title 24, C.C.R. shall be kept on the job site at all times. 2. All change orders and addend to be signed by the Architect and the Owner and approved by
- DSA. Change orders are not valid until approved by DSA Section 4-338, Part 1, title 24. 3. All tests to conform to the requirements of Section 4-335, Part 1, Title 24, and approved T
- 4. Tests of materials and testing laboratory shall be in accordance with Section 4-335 of Part 1, Title 24 and the District shall employ and pay the laboratory. Costs of re-test may be back charged to the Contractor
- 5. DSA shall be notified at the start of construction and prior to the placement of concrete per Section 4-331, Part 1, Title 24.
- 6. Inspector shall be approved by DSA. Inspector shall be in accordance with Section 4-333 (b). The duty of the Inspector shall be in accordance with Section 4-342. Part 1. Title 24.
- 7. Supervision of Construction by DSA shall be in accordance with section 4-334, Part 1, Title
- 8. Contractor, Inspector, Architect, and Engineers shall submit verified reports(Form SSS-6) in accordance with Section 4-336 and 4-343, Part 1, Title 24.
- 9. The Architect and the Structural Engineer shall perform their duties in accordance with
- Section 4-33(a) and 4-341, Part 1, Title 24. 10. The Contractor shall perform his duties in accordance with Section 4-343, Part1, Title 24.
- 11. The intent of the drawings and specifications is to construct the project in accordance with Title 24. C.C.R. Should any conditions develop not covered by the contract documents wherein the finished work will not comply with Title 24, C.C.R., a construction change document detailing and specifying the required work shall be submitted to and approved by

2010 CBC, TITLE 24 CCR (WITH 2010 AMMENDMENTS.)

the Division of the State Architect before proceeding with the work.

- Part 1 Building Standards Administrative Code Part 2 California Building Code (CBC)
- Part 3 California Electrical Code (CEC)
- Part 4 California Mechanical Code (CMC Part 5 California Plumbing Code (CPC)
- Part 6 California Energy Code (CEC)
- Part 9 California Fire Code (CFC) Part 11 California Green Building Standards Code (CALGreen)
- Part 12 California Referenced Standards Code

PARTIAL LIST OF APPLICABLE STANDARDS

Title 19 C.C.R. Public Safety, State Fire Marshal Regulations National Reference Standards ADA Code of Federal Regulations including Amendments AISC Manual of Steel Construction, 13th Edition

ACI-318-08 Code & Commentary 2010 NFPA 13 Installation of Sprinkler Systems (CA Amended)

2007 NFPA 14 Installation of Standpipe, Private Hydrant and Hose Systems (CA Amended) (Wet Chemical Extinguishing Systems) 2010 NFPA 24 Installation of Private Fire Service Mains and Their Appurtenances (CA Amended) 2010 NFPA 72 National Fire Alarm Code (CA Amended)

NFPA 90A, 2002 Edition 2010 ADAAG GUIDELINES

DIVISION OF THE STATE ARCHITECT REQUIREMENTS

- 1. Addenda and Changes as per Section 4-338.
- 2. Inspector approved by DSA.
- 3. Inspector and Continuous inspection of work per Section 4-333(b) and 4-342. 4. Tests and testing laboratory per Section 4-335 (Owner shall pay the testing laboratory).
- 5. Special inspection per Section 4-333(c). 6. Contractor shall submit verified report per section 4-336 & 4-343 (c).
- 7. Administration of Construction per Part I, Title 24, C.C.R.
- 8. Duties of Architect, Structural Engineer, or Professional Engineer per Section 4-333(a) and 4-341. 9. Duties of contractor per Section 4-343.
- 10. Verified Reports per Section 4-336.
- 13. Supervision by DSA per Section 4-343. 14. DSA is not subject to Arbitration.
- 11. A copy of Part 1 & 2 of Title 24, shall be kept and available in field during Construction. 12. DSA shall be notified on start of construction per Section 4-331.

EXISTING BUILDINGS TO REMAIN - VOLUNTARY SIESMIC UPGRADE.

1. EXISTING BUILDINGS - EDUCATION BUILDINGS ABOVE 12TH GRADE, NO CHANGE TO PROGRAM SPACES 2. CONSTRUCTION TYPE: NO CHANGE TO EXISTING CONSTRUCTION TYPES

3. BUILDING HEIGHTS: NO CHANGE TO EXISTING HEIGHTS 4. BUILDING AREAS: NO CHANGE TO EXISTING BUILDING AREAS

5. OCCUPANCY CLASSIFICATION: NON-SEPARATED OCCUPANCIES OF "B" EDUCATIONAL CLASSROOMS AND "A-3" LECTURE HALL, NO CHANGE TO OCCUPANCY OR PROGRAM SPACES

6. OCCUPANCY CLASSIFICATION: OCCUPANCIES OF "B" BUSINESS OFFICE, NO CHANGE TO OCCUPANCY.

BIOLOGICAL SCIENCE, BLDG NAME ABBV: B, BLDG CODE: 016 DSA #: SAN 11810 (FULL LETTER DATED 4/9/1956), SAN 19387 (FULL LETTER DATED 2/20/62)

CONSTRUCTION TYPE: III B OCCUPANCY: B - EDUCATION BUILDING ABOVE 12TH GRADE NUMBER OF STORIES: 1 (PER 2010 3 STORY ALLOWABLE

BUILDING HEIGHT 15 FT (PER 2010 55 FT ALLOWABLE) **BUILDING AREA:** 18,640 SQFT (PER 2010 19,000 SQFT ALLOWABLE) NO CHANGE TO SQFT

FIRE SUPRESSION: BUILDING IS NOT SPRINKLERED SCOPE OF WORK:

VOLUNTRAY SEISMIC RETROFIT, INCLUDING INTERIOR SEISMIC SHEARWALLS AND BRACING OF STRUCTURAL ELEMENTS SEISMIC BRACING OF NON-STRUCTURAL ELEMENTS AND CEILING ASSEMBLIES UPGRADES TO PATH OF TRAVEL TO AREAS OF WORK AND PORTIONS OF SANITARY FACILITIES FOR COMPLIANCE WITH 2010 CBC CHAPTER 11.

PHYSICAL SCIENCE NORTH WING, BLDG NAME ABBV: PS, BLDG CODE: 021 DSA #: SAN 36531 (FULL LETTER DATED 5/27/1977)

CONSTRUCTION TYPE: V. NON RATED (PER ORIGINAL DRAWINGS 1973) OCCUPANCY: B - EDUCATION BUILDING ABOVE 12TH GRADE 1 (PER 2010 2 STORY ALLOWABLE NUMBER OF STORIES: **BUILDING HEIGHT**

15 FT (PER 2010 40 FT ALLOWABLE) **BUILDING AREA:** 12.102 SQFT (PER 2010 9.000 SQFT ALLOWABLE WITHOUT INCREASE) NO CHANGE TO SQFT FIRE SUPRESSION: BUILDING IS NOT SPRINKLERED

SCOPE OF WORK: VOLUNTRAY SEISMIC RETROFIT, INCLUDING SEISMIC BRACING OF NON-STRUCTURAL ELEMENTS AND BRACING AT CEILING ASSEMBLIES

PHYSICAL SCIENCE, BLDG NAME ABBV: PS, BLDG CODE: 021 DSA #: SAN 11810 (FULL LETTER DATED 4/9/1956)

CONSTRUCTION TYPE: V, NON RATED B - EDUCATION BUILDING ABOVE 12TH GRADE OCCUPANCY:

NUMBER OF STORIES: 1 (PER 2010 2 STORY ALLOWABLE **BUILDING HEIGHT:** 28 FT (PER 2010 40 FT ALLOWABLE)

BUILDING AREA: 9,400 SQFT (PER 2010 9,000 SQFT ALLOWABLE WITHOUT INCREASE) NO CHANGE TO SQFT FIRE SUPRESSION: BUILDING IS NOT SPRINKLERED

SCOPE OF WORK:

VOLUNTRAY SEISMIC RETROFIT, INCLUDING INTERIOR SEISMIC BRACING OF STRUCTURAL ELEMENTS SEISMIC BRACING OF NON-STRUCTURAL ELEMENTS AND CEILING ASSEMBLIES NOTE: NO EXISTING SANITARY FACILITIES

MAINTENANCE BUILDING AND EQUIPMENT STORAGE, BLDG NAME ABBV: MA, BLDG CODE: 017 NOTES: NON FIELD ACT STRUCTURE, NOT PART OF STRUCTURAL REVIEW. BUILDING IS NOT ACCESSIBLE BY STUDENTS OR

CONSTRUCTION TYPE: V, NON RATED, PRE-FABRICATED METAL BUILDING S-2 AND U OCCUPANCY:

NUMBER OF STORIES: 1 (PER 2010 2 STORY ALLOWABLE BUILDING HEIGHT: 25 FT (PER 2010 40 FT ALLOWABLE)

REQUIRED FOR ANY STUDENT/ACADEMIC SERVICES.

BUILDING AREA: 4,600 SQFT (PER 2010 13,500 SQFT ALLOWABLE WITHOUT INCREASE) NO CHANGE TO SQFT FIRE SUPRESSION: BUILDING IS NOT SPRINKLERED

SCOPE OF WORK: VOLUNTRAY SEISMIC RETROFIT, INCLUDING BRACING OF STRUCTURAL ELEMENTS

PRESS BOX AND BLEECHERS, BLDG NAME ABBV: FPB, BLDG CODE: 007 NOTES: PER CBC 2013 SECTION 11B-206.2.7 PRESS BOXES EXCEPTION #1, PRESS BOX IS LESS THAN 500 SQFT AND THEREFORE IS NOT REQUIRED TO BE ON AN ACCESSIBLE ROUTE. DSA-AC RETROACTIVELY APPLIES THIS PROVISION TO THIS

SEE DSA APPLICATION #01-112286 FOR BLEECHER AND SITE ACCESS, DSA PROJECT #01-112379

PROJECT ONE MONTH IN ADVANCE OF 2103 CBC, IN ACCORDANCE WITH 2010 CBC SECTION 1101B.1(2)

CONSTRUCTION TYPE: V. NON RATED OCCUPANCY: NUMBER OF STORIES: 2 (PER 2010 2 STORY ALLOWABLE) BUILDING HEIGHT: 35 FT (PER 2010 40 FT ALLOWABLE)

495 SQFT (PER 2010 9.000 SQFT ALLOWABLE WITHOUT INCREASE) NO CHANGE TO SQFT BUILDING AREA: FIRE SUPRESSION: BUILDING IS NOT SPRINKLERED

SCOPE OF WORK VOLUNTRAY SEISMIC RETROFIT, INCLUDING BRACING OF STRUCTURAL ELEMENTS

GENERAL SCOPE OF WORK NOTES

THE WORK TO BE PERFORMED UNDER THIS CONTRACT INCLUDES THE FURNISHING OF ALL LABOR, MATERIALS, EQUIPMENT, TRANSPORTATION, SERVICES, PERMITS, TEMPORARY CONTROLS AND CONSTRUCTION FACILITIES, AND ALL GENERAL CONDITIONS, SEISMIC REQUIREMENTS, GENERAL REQUIREMENTS AND INCIDENTALS REQUIRED TO COMPLETE THE WORK ON PROJECT IN ITS ENTIRETY AS DESCRIBED IN THE CONTRACT DOCUMENTS. THE NEW CONSTRUCTION WILL INCLUDE. BUT IS NOT NECESSARILY LIMITED TO: THE BUILDING EXTERIOR AND INTERIOR CONSTRUCTION, COMPLIANCE WITH THE CURRENT LIFE SAFETY CODES AND THE BUILDING SYSTEMS (INCLUDING BUT NOT LIMITED TO HVAC, ELECTRICAL).

INDEX - ARCHITECTURAL PROJECT 1

INTERIOR DETAILS - PARTITIONS, CASEWORK, DOORS

PROJECT SUMMARY CODE SUMMARY A1.02

ACCESSIBILITY

PARKING LAYOUT AND ACCESSIBLE PATH

BIOLOGICAL SCIENCE DEMO PLAN AND FLOOR PLAN A2.02 BIOLOGICAL SCIENCE RCP, INTERIOR ELEVATIONS & DETAILS

BIOLOGICAL SCIENCE ROOF PLAN

PHYSICAL SCIENCE BUILDING PHYSICAL SCIENCE BUILDING ELEVATIONS & DETAILS

PHYSICAL SCIENCES - NORTH WING

PRESS BOX INTERIOR DETAILS - SOFFIT & CEILING

IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT APPLICATION NUMBER 01-113799

Thornton Tomasetti

Thornton Tomasetti, Inc

135 Main Street, Suite 850 San Francisco, CA 94105

T 415.365.6900 F 415.365.6901

AC _____ FLS ____ SS ____

GENERAL CONSTRUCTION NOTES

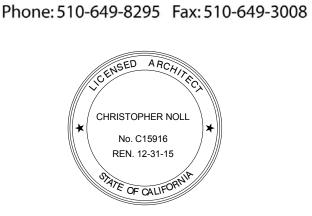
- 1. ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL CONFORM TO
- THE PROJECT SPECIFICATIONS 2. ALL WORK SHALL MEET OR EXCEED THE MINIMUM STANDARDS OF THE 2010 CALIFORNIA BUILDING CODE AND ALL APPLICABLE CODES AND ORDINANCES INFORMATION CONTAINED WITHIN THESE DOCUMENTS SHALL NOT BE
- CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE APPLICABLE 4. CONTRACTOR SHALL EXAMINE THE DOCUMENTS AND SHALL NOTIFY THE
- ARCHITECT OF ANY DISCREPENCIES WHICH MAY BE FOUND PRIOR TO THE START OF WORK.
- CONTRACTOR SHALL REVIEW ALL DOCUMENTS TO COORDINATE w/ THE (E) BLDG CONDITIONS. ANY VARIATIONS AND DISCREPENCIES THAT ARISE IN THIS REVIEW ARE TO BE BROUGHT IMMEDIATELY TO THE ARCHITECT'S ATTENTION
- 6. THE CONTRACTOR AND ALL SUBCONTRACTORS ARE REQUIRED TO VISIT AND INSPECT THE SITE PRIOR TO CONSTRUCTION OR ORDERING ANY MATERIALS. ALL DETAILS, SCHEDULES, ADDENDA AND SPECIFICATIONS BOUND
- SEPARATELY ARE A PART OF THE CONTRACT DOCUMENTS. B. ITEMS MARKED "NIC" ARE NOT IN CONTRACT. SUCH ITEMS ARE INCLUDED IN THE DOCUMENTS WHEN CONTRACTOR'S COORDINATION IS REQUIRED OR FOR CLARIFICATION OF PROJECT LIMITS.
- DETAILS MARKED "TYPICAL" SHALL APPLY IN ALL CASES, UON. 10. WHERE NO SPECIFIC DETAIL IS SHOWN, THE FRAMING OR CONSTRUCTION SHALL BE IDENTICAL OR SIMILAR TO THAT INDICATED FOR LIKE CASES OF
- CONSTRUCTION ON THE PROJECT 11. ALL WORK IS UNDERSTOOD TO BE (N) UNLESS NOTED AS (E). 12. THE CONTRACTOR SHALL MEET w/ THE ARCHITECT PRIOR TO THE START OF DEMOLITION TO NOTE WHAT ITEMS, IF ANY, ARE TO BE SALVAGED OR
- REUSED. REFER TO DIVISION 1 OF THE PROJECT SPECIFICATIONS 13. THE DRAWINGS INDICATE THE GENERAL EXTENT OF (N) CONSTRUCTION NECESSARY FOR THE WORK, BUT ARE NOT INTENDED TO BE ALL-INCLUSIVE. ALL DEMO AND (N) WORK NECESSARY FOR A FINISHED JOB, IN ACCORDANCE w/ THE INTENTIONS OF THE CONTRACT DOCUMENTS, IS

INCLUDED REGARDLESS OF WHETHER SHOWN IN THE CONTRACT

- DOCUMENTS. 14. (E) BUILDING DOCUMENTATION IS BASED ON "AS-BUILT" DRAWINGS AND OBSERVATIONAL SITE INVESTIGATIONS. ACTUAL BUILT CONDITIONS MAY VARY. CONTRACTOR IS TO USE CAUTION IN DEMOLITION, AND IS TO NOTIFY
- ARCHITECT IMMEDIATELY IF ANY VARIATIONS OR DISCREPENCIES ARE
- 15. ALL EXISTING BUILDING OR SITE CONDITIONS NOTED TO REMAIN SHALL BE PROTECTED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. 16. PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO RESIST THE FORCES PRESCRIBED IN ASCE 7-05 SECTION 13.3 AS
- DEFINED IN ASCE 7-05 SECTION 13.6.8. 13.6.7. 13.6.5.5 ITEM 6. AND 2010 CBC 7. THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL COMPLY WITH ONE OF THE OHSPD PRE-APPROVALS WITH AN OPA #. SUCH AS MASON
- INDUSTRIES (OPA 349), OR ISAT (OPA 485) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D 18. COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AND BRACING PIPE, DUCTWORK, AND ELECTRICAL
- DISTRIBUTION SYSTEMS. 19. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF
- THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS. 20. DIMENSIONS: A. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM THE
- DRAWINGS. B. ALL DIMENSIONS ARE TO THE ROUGH OPENING, UON. C. ALL DIMENSIONS TO STUD WALLS ARE TO THE FACE OF STUD, UON. D. CEILING HEIGHT DIMENSIONS ARE FROM FINISHED FLOOR TO FINISHED
- FACE OF CEILING, UON. E. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD BY GENERAL CONTRACTOR AND ALL SUBCONTRACTORS PRIOR TO PROCEEDING WITH
- CONSTRUCTION. F. COORDINATE WITH EQUIPMENT CONTRACTORS FOR ROUGH-IN DIMENSIONS AND TEMPLATES.
- G. ALL DIMENSIONS NOTED "CLEAR" OR "CLR" MUST BE STRICTLY MAINTAINED. "CLEAR" MEANS DIMENSION FROM FACE OF FINISH TO FACE OF FINISH OR OBJECT. H. ANY VARIANCE FROM DIMENSIONS SHOWN ON DRAWINGS MUST BE

BROUGHT IMMEDIATELY TO THE ARCHITECT'S ATTENTION.

architects and planners 729 Heinz Ave. Berkeley, CA 94710-2726



DESCRIPTION 11/20/2013 95% CONSTRUCTION DOCUMENT

> 04/02/2014 | DSA BACK CHECK 04/08/2015 | RECORD SET ISSUE

CONTRA COSTA COLLEGE SEISMIC RETROFIT - PROJECT #1

DSA # 01-113799 2600 MISSION BELL DRIVE SAN PABLO, CALIFORNIA

SHEET TITLE

PROJECT SUMMARY, CODE

SUMMARY

PROJECT NO. SHEET NUMBER 21211 12" = 1'-0"DRAWN BY Author

A1.01

Checker 4/8/2015

ELEVATION

DIRECTION OF TRUE NORTH DIRECTION OF SHEET NORTH WORK POINT (PLAN)

1 2

GRID LINES

EQUIPMENT MARK

KEY NOTE MARK

ROOM NUMBER

(EXTERIOR)

SEE SCHEDULE

SEE SCHEDULE

PARTITION TYPE ID

INSULATION TYPE

CURB TYPE

SEE SCHEDULE

A TYPE MARK

TYPE IDENTIFICATION

FRAMING SIZE CODE

TYPE IDENTIFICATION

PARTITION TYPE

ROOM NAME ROOM NAME

ROOM IDENTIFICATION

DETAIL MARK

DETAIL DESIGNATION

DIRECTION OF DETAIL

WALL SECTION

DETAIL DESIGNATION

DIRECTION OF DETAIL

DIRECTION OF VIEW

DETAIL DESIGNATION

DIRECTION OF VIEW

ELEVATION NUMBER

SHEET NUMBER

ELEVATION NUMBER

SHEET NUMBER

REVISION MARK

REVISION NUMBER

NORTH ARROW

DATUM LEVEL

AREA CONSIDERED

EXTERIOR ELEVATION

INTERIOR ELEVATION

DIRECTION/VIEW SHOWN

SHFFT NUMBER

BUILDING SECTION

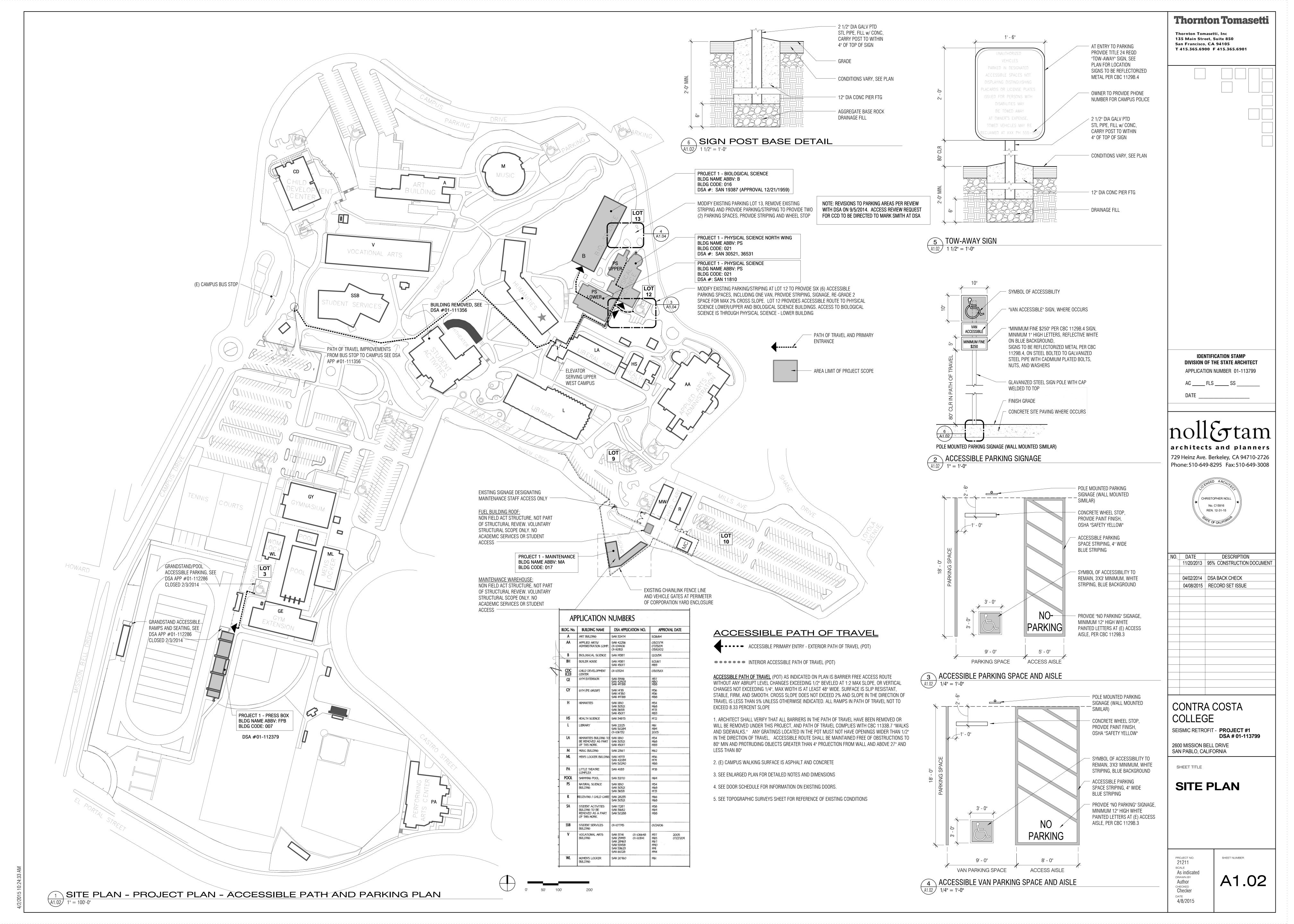
SHEET NUMBER

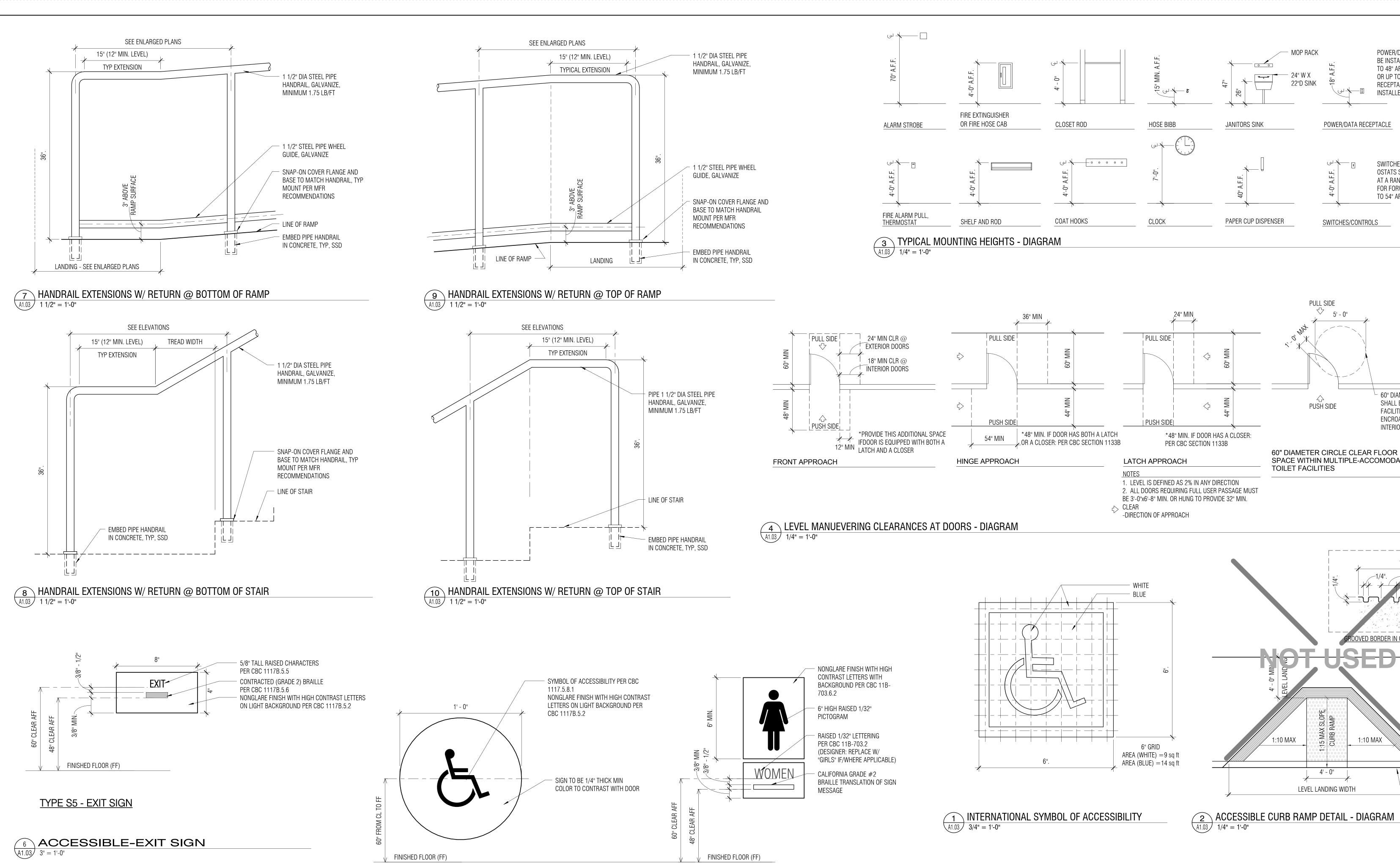
SHEET NUMBER

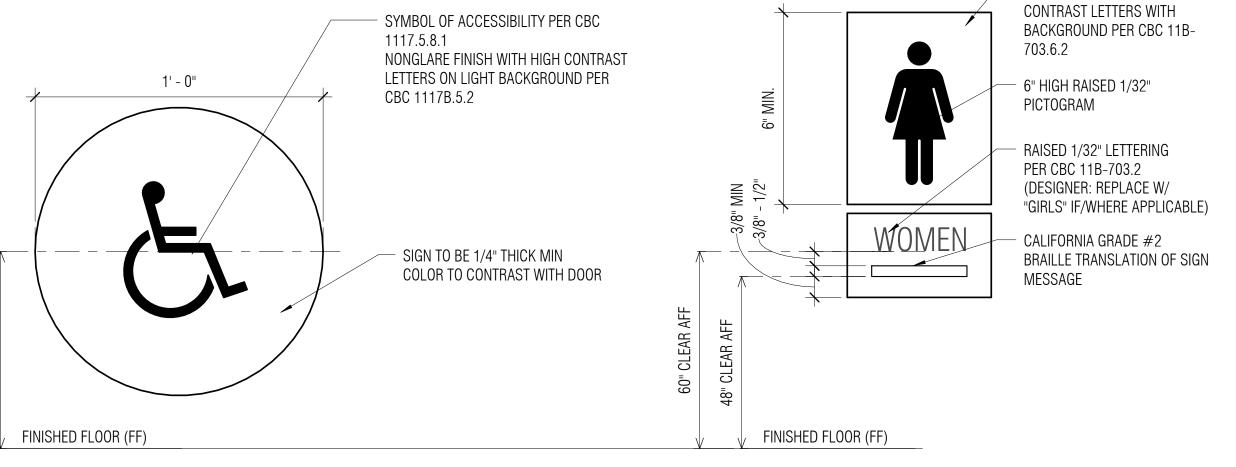
DOOR MARK - DOOR NUMBER CASEWORK TAG

SEE SCHEDULE + ELEVATIONS

NUMBER (WOOD INSTITUTE # OR OTHER) - MATERIAL / FINISH - DEPTH HEIGHT

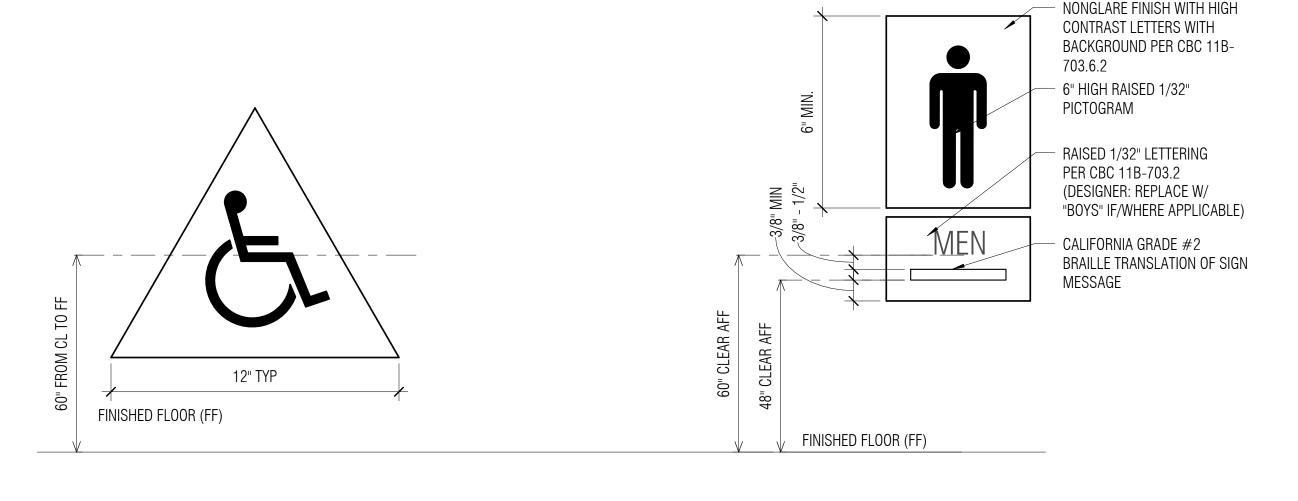








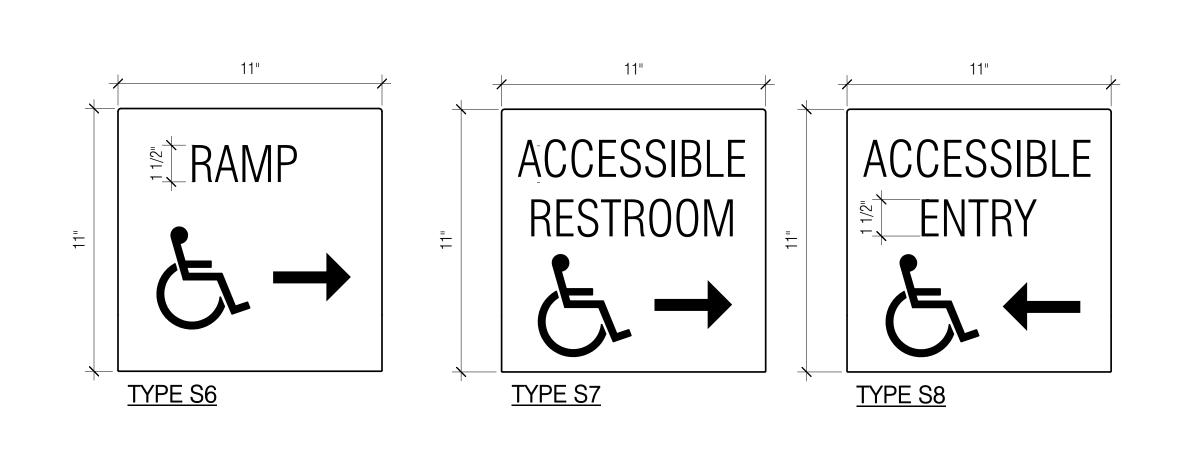
TYPE S4 RESTROOM - WOMEN/GIRLS (WALL SIGN)



TYPE S1 RESTROOM - MEN/BOYS (DOOR SIGN)

TYPE S2 RESTROOM - MEN/BOYS (WALL SIGN)





ACCESSIBLE ENTRANCES PER 1117B.5.8.1, SEE PLAN FOR DIRECTION OF ARROW

5 ELEVATOR / RAMP / ENTRY SIGNAGE A1.03 3" = 1'-0"



135 Main Street, Suite 850 San Francisco, CA 94105 T 415.365.6900 F 415.365.6901

POWER/DATA RECEPTACLES SHALI

BE INSTALLED AT A RANGE OF 15"

TO 48" AFF FOR FORWARD REACH

OR UP TO 54" AFF FOR SIDE REACH.

RECEPTACLES SHALL BE

SWITCHES/CONTROLS/THERM

OSTATS SHALL BE INSTALLED

AT A RANGE OF 15" TO 48" AFF

FOR FORWARD REACH OR 9"

TO 54" AFF FOR SIDE REACH

- 60" DIAMETER CLEAR FLOOR SPACE

FACILITIES, WHICH IS NOT

OVED BORDER IN CONCRETE

1/2" BEVELED LIP

1:10 MAX

SHALL BE PROVIDED WITHIN TOILET

ENCROACHED BY THE SWING OF THE INTERIOR DOOR BY MORE THAN 12"

INSTALLED NO LESS THAN 15" AFF

POWER/DATA RECEPTACLE

SWITCHES/CONTROLS

PULL SIDE

PUSH SIDE

TOILET FACILITIES

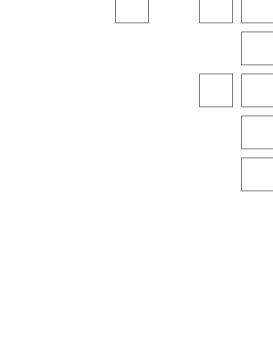
1:10 MAX

4' - 0"

LEVEL LANDING WIDTH

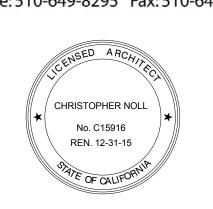
60" DIAMETER CIRCLE CLEAR FLOOR

SPACE WITHIN MULTIPLE-ACCOMODATION



IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT APPLICATION NUMBER 01-113799 AC _____ FLS _____ SS _____

architects and planners 729 Heinz Ave. Berkeley, CA 94710-2726 Phone: 510-649-8295 Fax: 510-649-3008



NO. DATE DESCRIPTION 11/20/2013 95% CONSTRUCTION DOCUMENT

04/02/2014 | DSA BACK CHECK 04/08/2015 | RECORD SET ISSUE

CONTRA COSTA COLLEGE

SEISMIC RETROFIT - PROJECT #1 DSA # 01-113799 2600 MISSION BELL DRIVE

SHEET TITLE

SAN PABLO, CALIFORNIA

ACCESSIBILITY

SHEET NUMBER PROJECT NO. 21211 As indicated Author Checker

4/8/2015

A1.03

SIGNAGE GENERAL NOTES

3. INTERIOR SIGN THICKNESS / MATERIAL: 1/4" ACRYLIC / PAINTED FINISH

4. EXTERIOR SIGNS THICKNESS / MATERIAL: 1/4" ACRYLIC / PAINTED FINISH

8. VERIFY ALL ROOM NUMBERS AND TEXT WITH OWNER PRIOR TO FABRICATION.

10. ALL SIGNS SHALL BE MOUNTED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.

11. ALL EXTERIOR MOUNTED SIGNS TO BE RATED FOR EXTERIOR USE BY MANUFACTURER.

9. VERIFY ORIENTATION OF DIRECTIONAL ARROWS WITH OWNER.

ADHESIVELY APPLIED TO THE OTHER SIDE OF THE GLASS.

7. FOR SITE SIGNAGE SEE SIGNAGE DRAWINGS.

CENTERLINE OF THE SIGN (U.O.N.). MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SUCH THAT A PERSON MAY APPROACH

5. CONTRACTED CALIFORNIA GRADE 2 BRAILLE SHALL BE USED WHENEVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED IN OTHER

BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40 (0.635 mm) ABOVE THE BACKGROUND AND SHALL BE DOMED OR

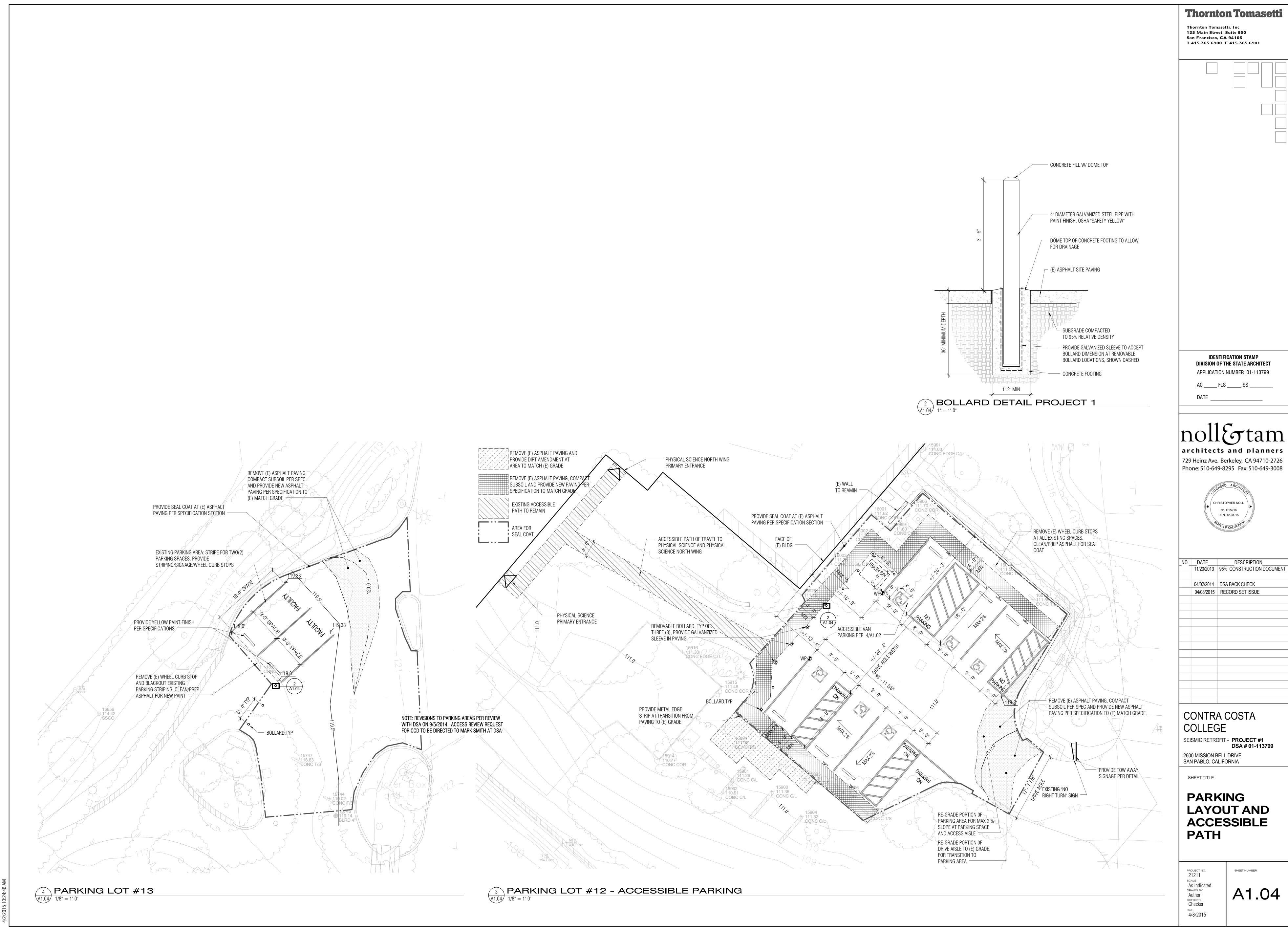
6. WHERE REQUIRED BY ADA, ALL SIGN LETTERING TO BE RAISED 1/32" AND SHALL BE 5/8" MIN. TO 2" MAX. IN HEIGHT USE LARGEST

12. ALL PLASTIC SIGNS ADHESIVELY APPLIED TO GLASS SHALL HAVE AN ADDITIONAL PLASTIC BACKING THE SAME SIZE AS THE SIGN

LETTER HEIGHT PRACTICAL. (UON) LETTER CHARACTERS TO BE UPPERCASE NEUTRAFACE TT BOLD. (SANS SERIF) VERIFY ALL TEXT

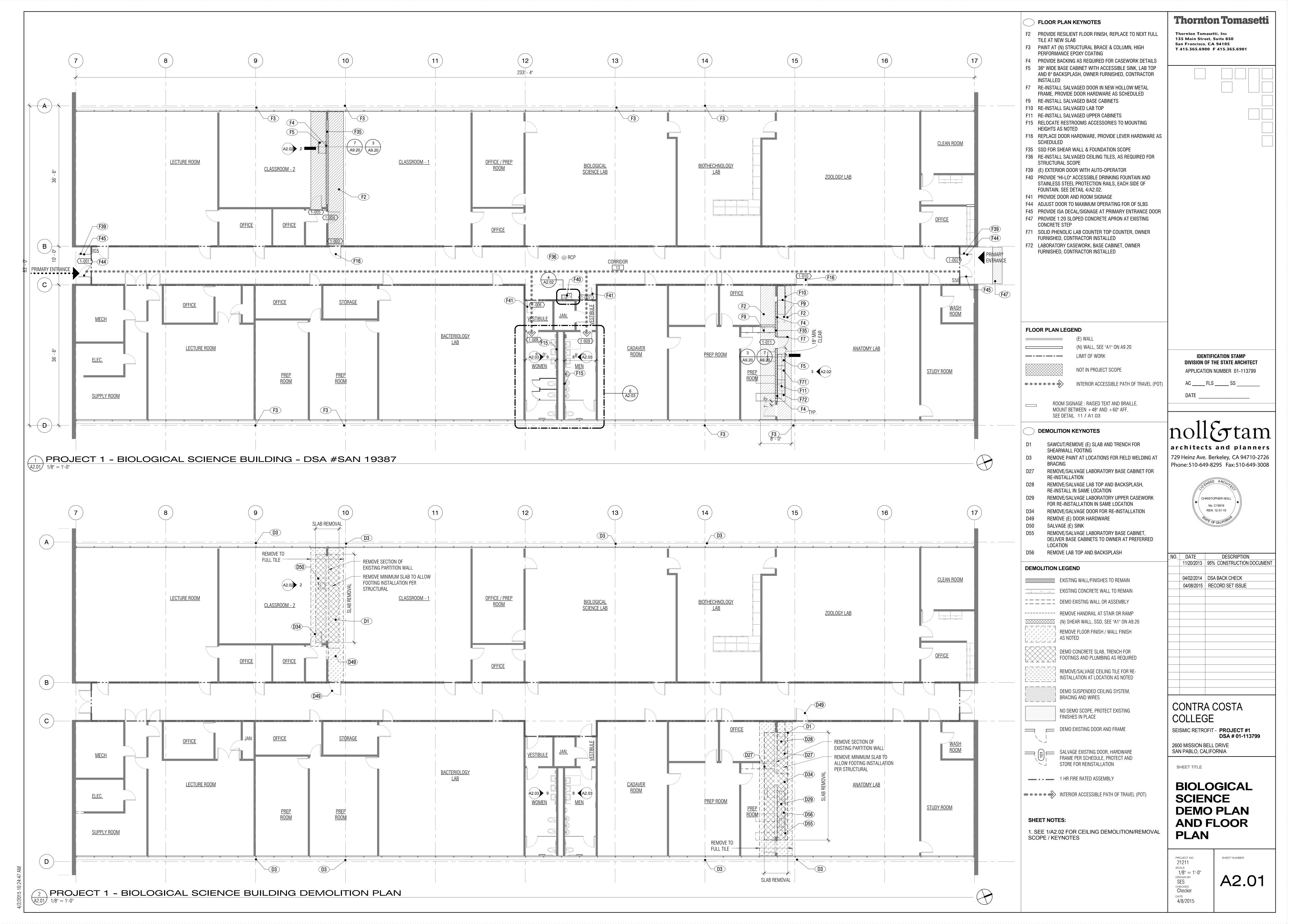
PORTIONS OF THESE STANDARDS. DOTS SHALL BE 1/10 INCH (2.54 mm) ON CENTERS IN EACH CELL WITH 2/10 INCH (5.08 mm) SPACE

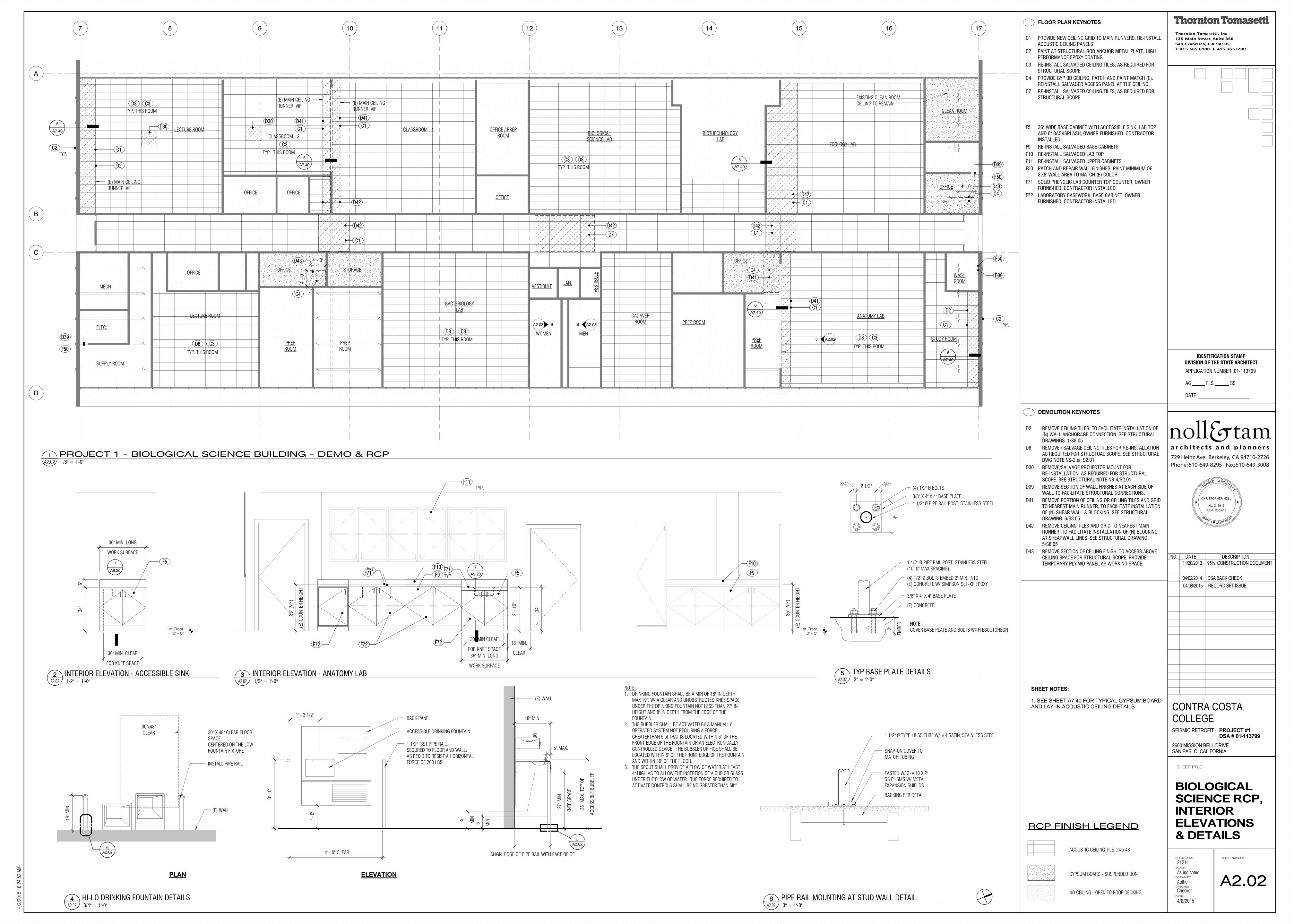
WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF THE DOOR.

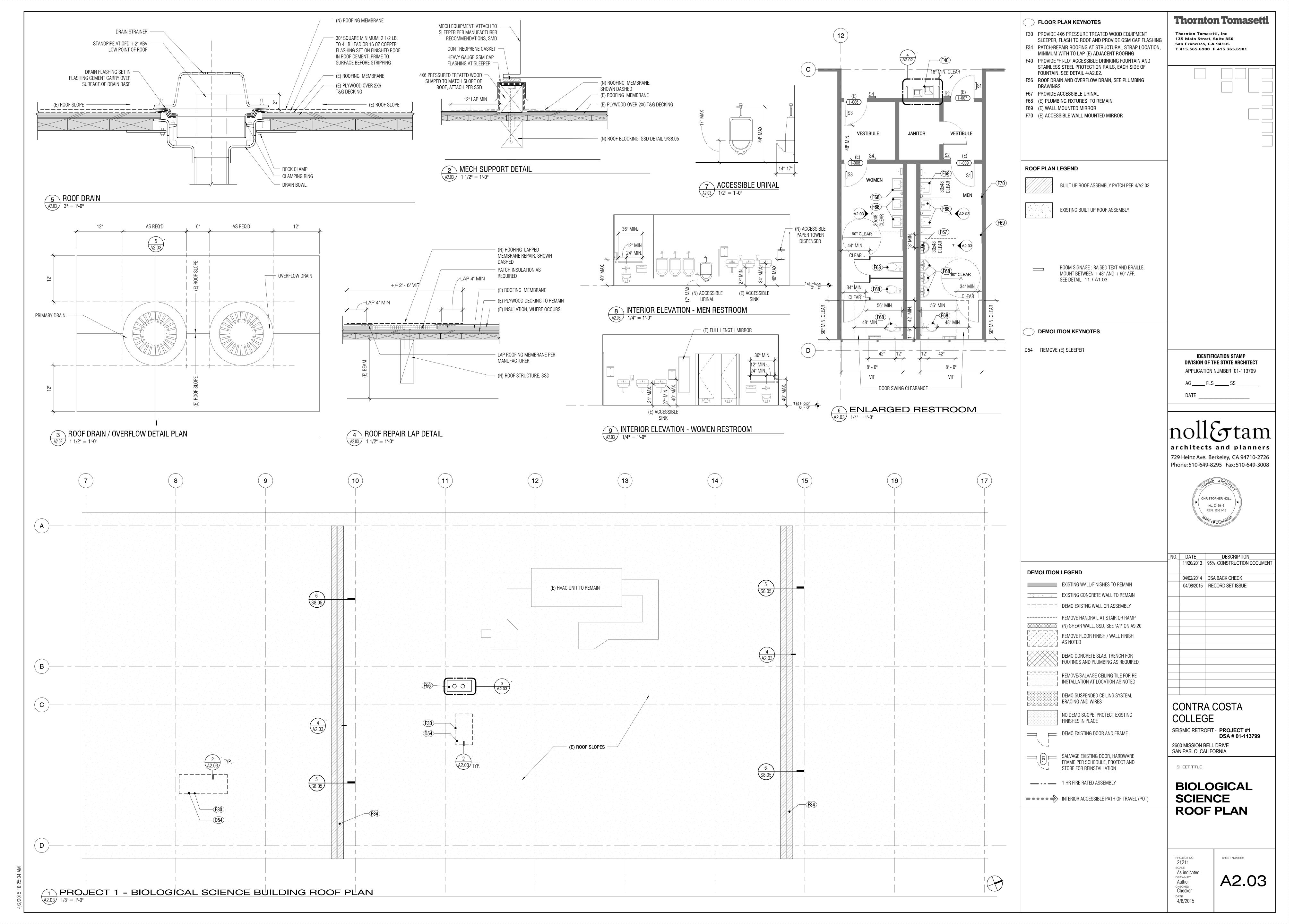


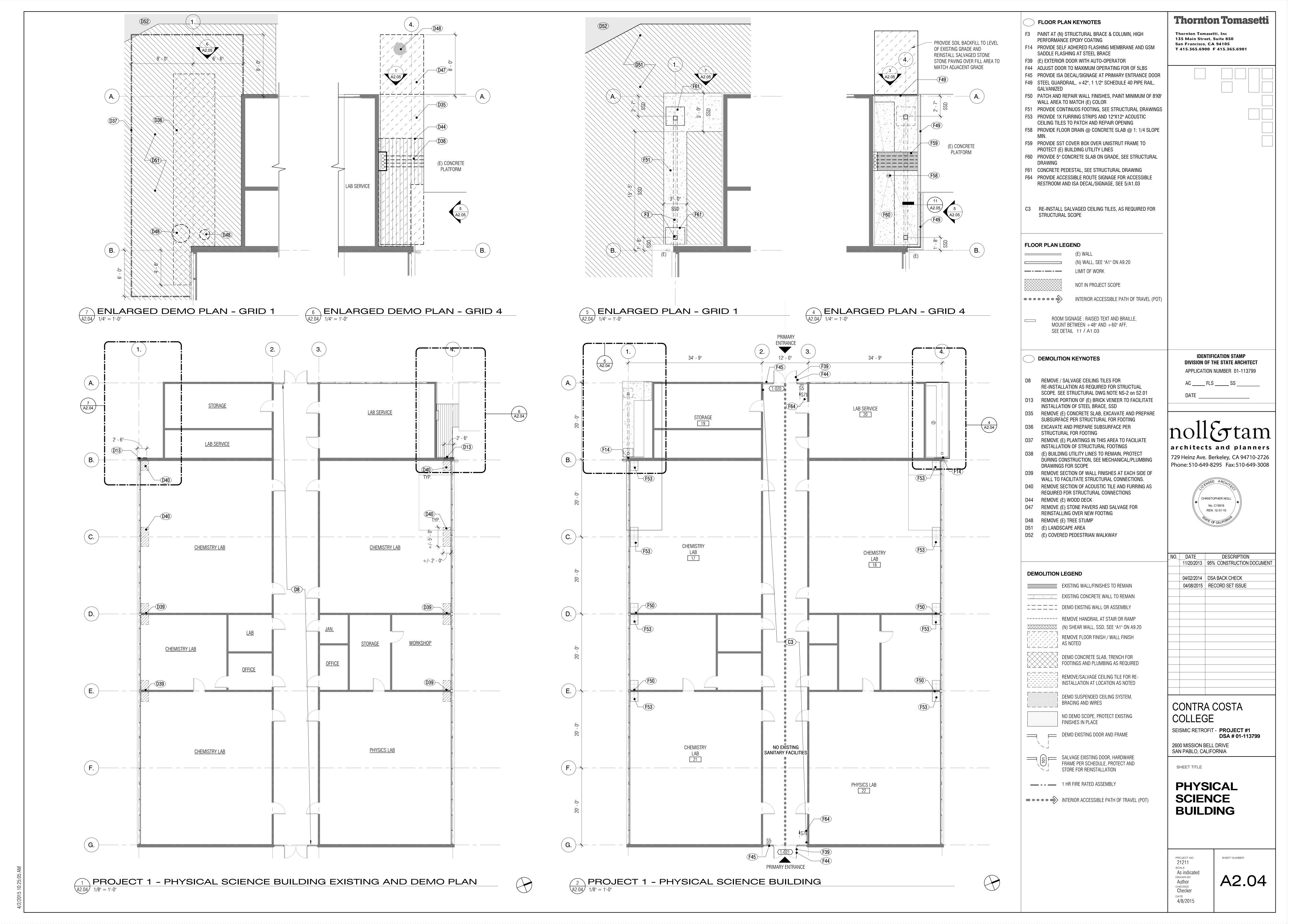
Thornton Tomasetti

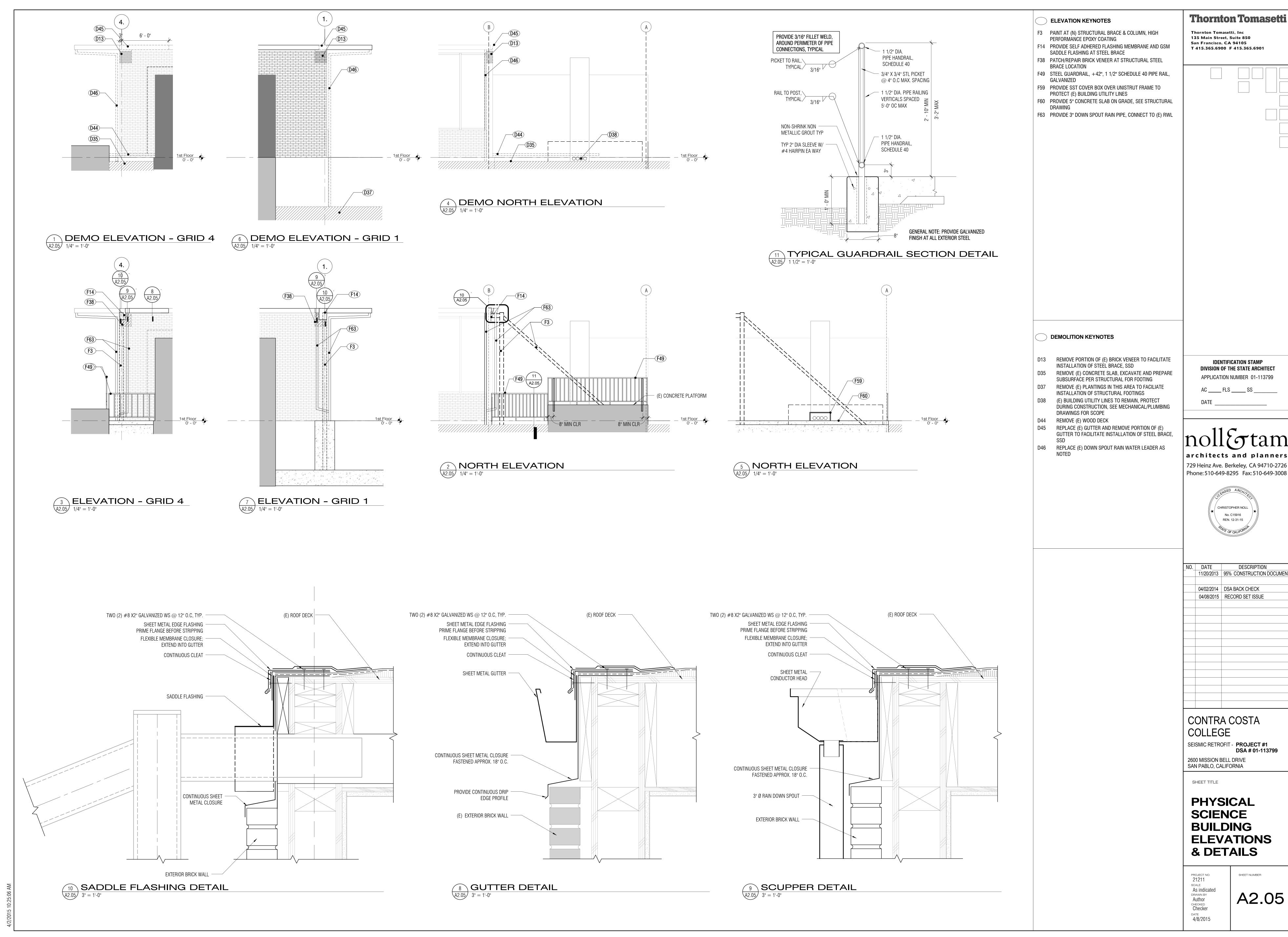
A1.04







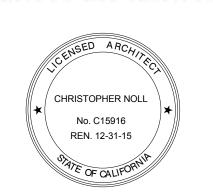




Thornton Tomasetti

IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT APPLICATION NUMBER 01-113799

architects and planners



NO. DATE DESCRIPTION 11/20/2013 95% CONSTRUCTION DOCUMENT

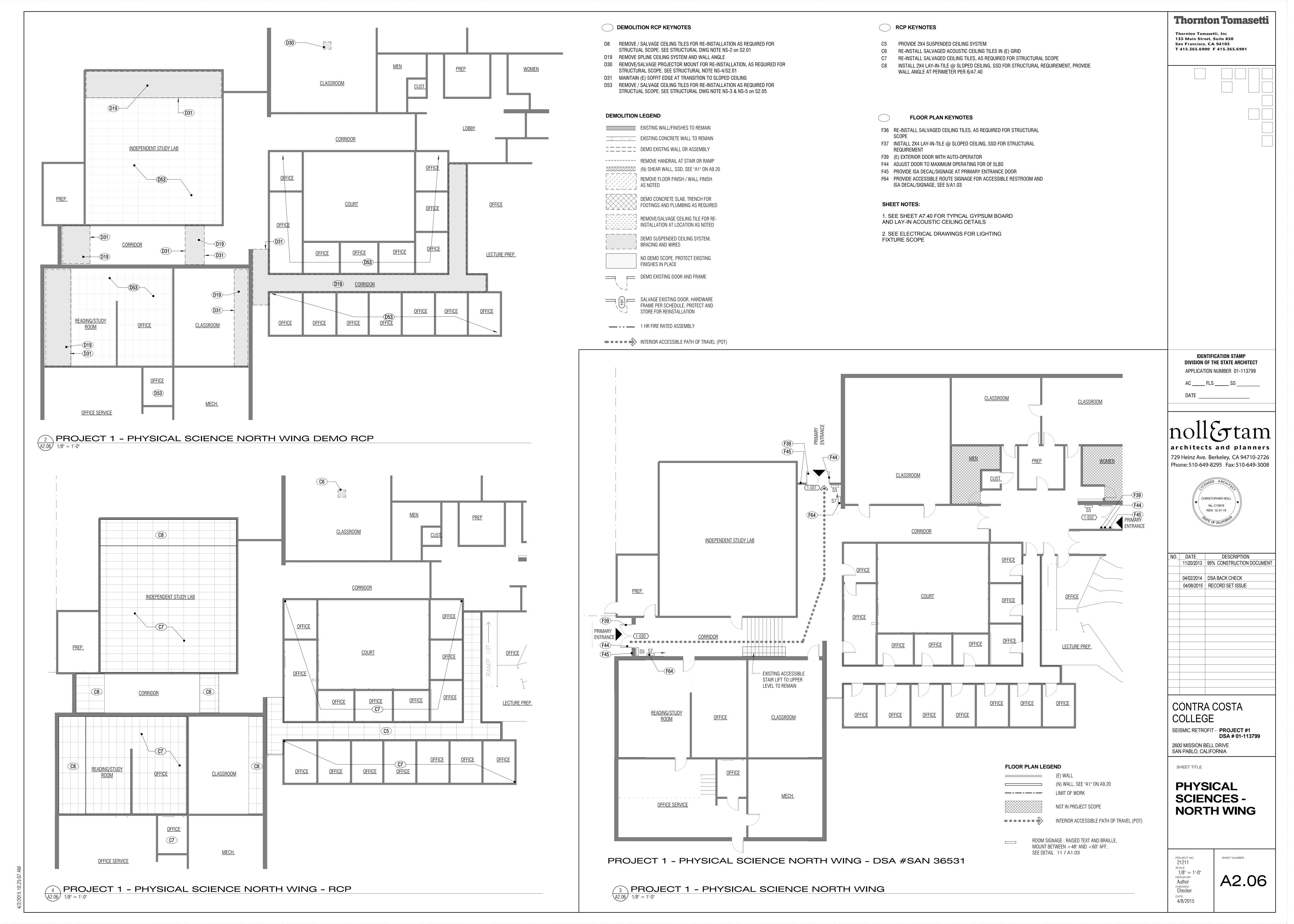
04/02/2014 | DSA BACK CHECK 04/08/2015 RECORD SET ISSUE

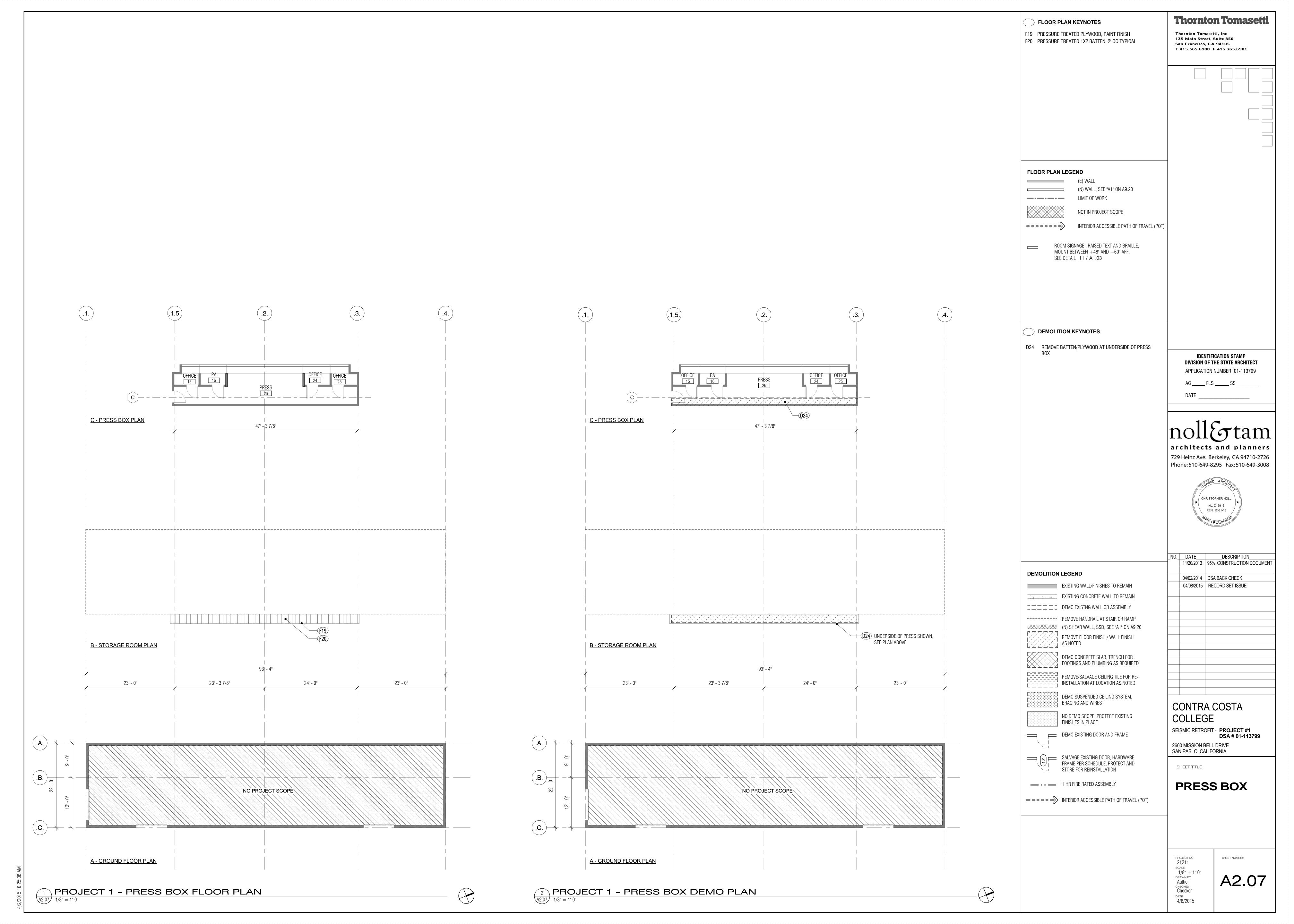
CONTRA COSTA

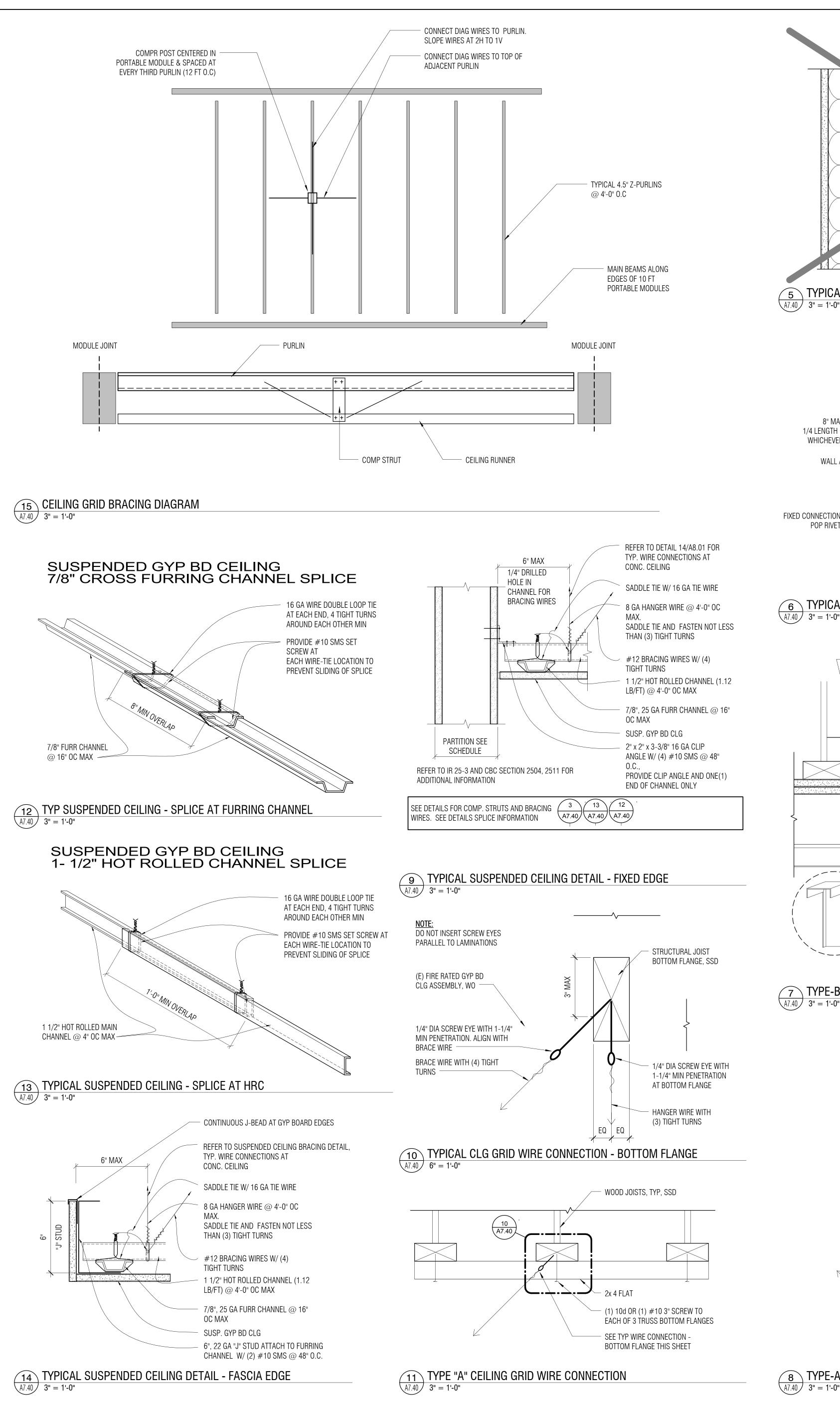
SEISMIC RETROFIT - PROJECT #1 DSA # 01-113799

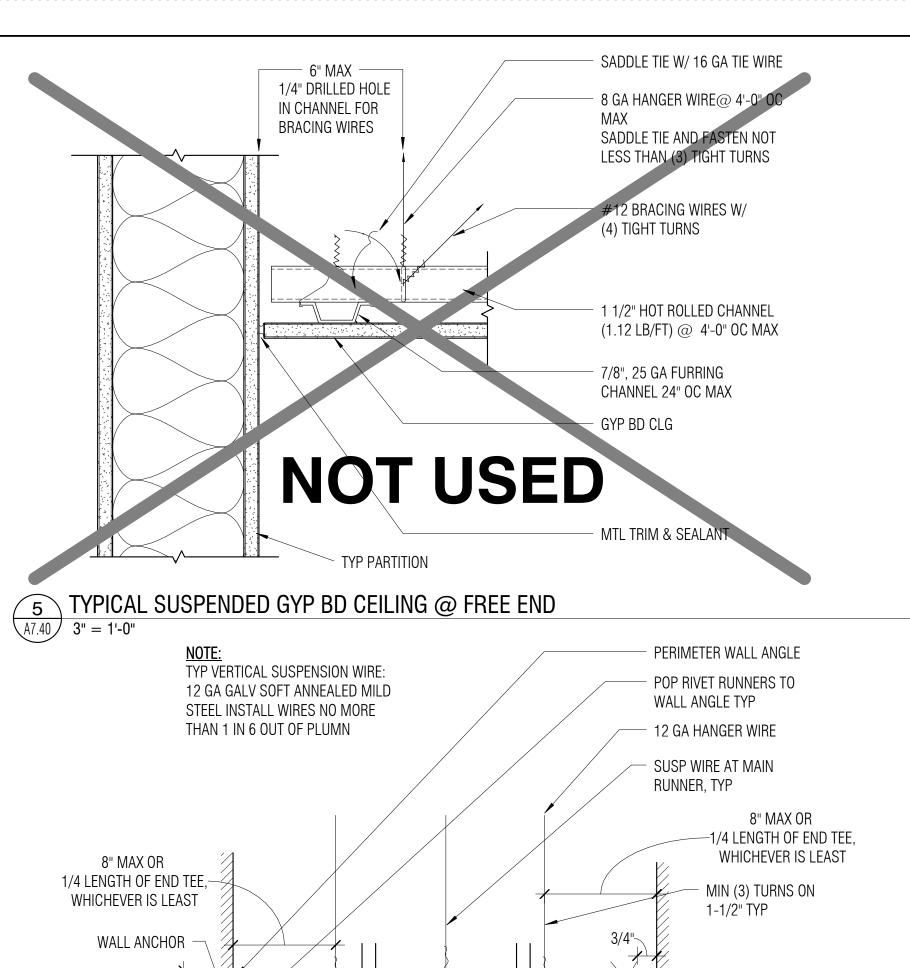
BUILDING ELEVATIONS & DETAILS

A2.05









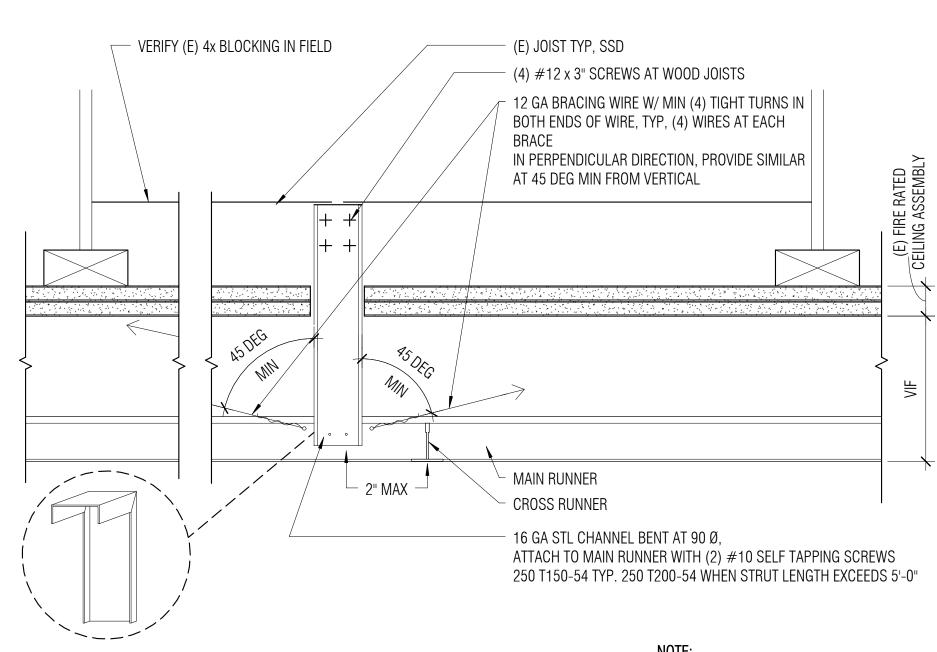
CEILING BOARD NOT SHOWN FOR CLARITY

8" MAX

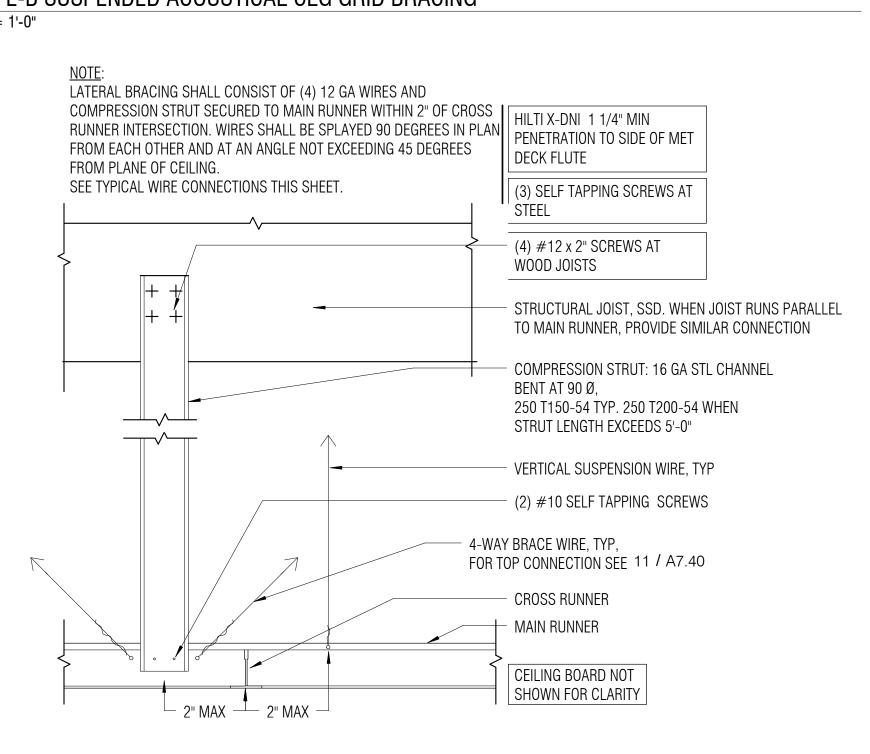
POP RIVET

TYPICAL SUSPENDED ACOUSTICAL CLG VERTICAL SUPPORT

4'-0".



7 TYPE-B SUSPENDED ACOUSTICAL CLG GRID BRACING A7.40 3" = 1'-0"



8 TYPE-A SUSPENDED ACOUSTICAL CLG LATERAL BRACING

12 GA WIRES ATTACHED TO GRID MEMBERS WITHIN 3" OF EA CORNER OF EA FIXTURE 12 GA DIAGONAL SAFETY WIRES AT 4 CORNERS OF FIXTURE LIGHT FIXTURE POSITIVELY ATTACH ALL LIGHT FIXTURES TO CEILING GRID LAY-IN GRID SYSTEM NOTE: CEILING BOARD NOT SHOWN FOR CLARITY

1. FLUSH OR RECESSED LIGHT FIXTURES, WEIGHING LESS THAN 56 LBS AND MECHANICAL TERMINALS AND SERVICES. WEIGHING LESS THAN 20 LBS. MAY BE SUPPORTED DIRECTLY ON THE THE RUNNERS OF A HEAVY DUTY GRID SYSTEM BUT, IN ADDITION, THEY MUST HAVE A MINIMUM OF (2) #12 GAGE SLACK SAFETY WIRES ATTACHED TO THE FIXTURE AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE. ALL 4'X4' LIGHT FIXTURES MUST HAVE SLACK SAFETY WIRES AT EACH CORNER. 2. ALL FLUSH OR RECESSED LIGHT FIXTURE WEIGHING 56 LBS OR MORE AND MECHANICAL TERMINALS AND

SERVICES, WEIGHING 20 LBS OR MORE, MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN (4) TAUT #12 GAGE WIRES, EACH ATTACHED TO FIXTURE AND THE STRUCTURE ABOVE. THE 4 TAUT #12 GAGE WIRES, INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE, MUST BE CAPABLE OF SUPPORTING 4 TIMES THE WIEGHT OF THE UNIT.

1 TYP SUSPENDED ACOUSTICAL CLG LIGHT FIXTURE SUPPORT

3. SUBMIT TO ARCHITECT FOR REVIEW AND APPROVAL

A7.40 3" = 1'-0"

#12 X 3" WOOD SCREW AT 16" OC, FASTEN TO

FREE CONNECTION

SPREADER AT FREE END

CEILING BOARD NOT SHOWN FOR CLARITY

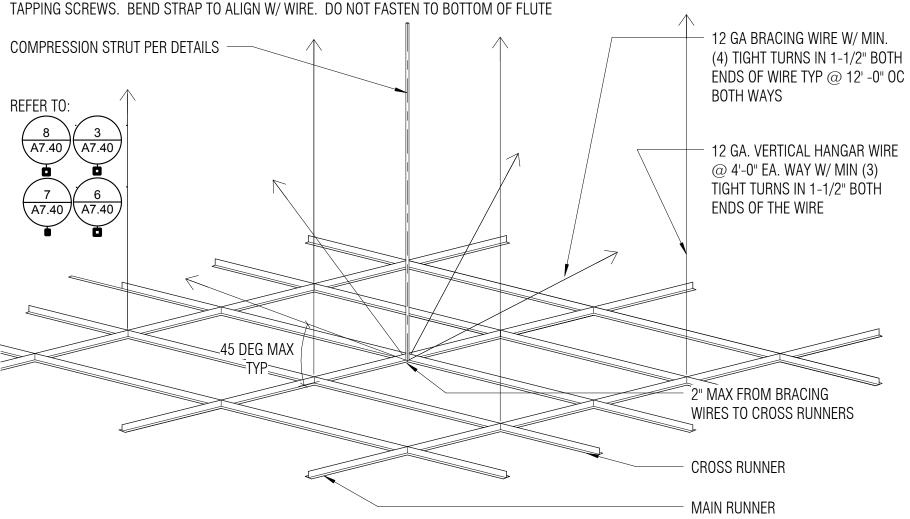
2" MIN-

LATERAL BRACING SHALL CONSIST OF (4) 12 GA WIRES AND COMPRESSION STRUT SECURED TO MAIN RUNNER WITHIN 2" OF CROSS RUNNER INTERSECTION. WIRES SHALL BE SPLAYED 90 DEGREES IN PLAN FROM EACH OTHER AND AT AN ANGLE NOT EXCEEDING 45 DEGREES FROM PLANE OF

FOLLOW CEILING MANUFACTURER'S STANDARD DETAILS AND SPECS FOR INSTALLATION OF CEILING SYSTEM PER CODE AND DSA STANDARDS AND ASCE7-05, SEC. 13.5.6, TYP. CLASSIFICATION OF CEILING GRID IS HEAVY DUTY.

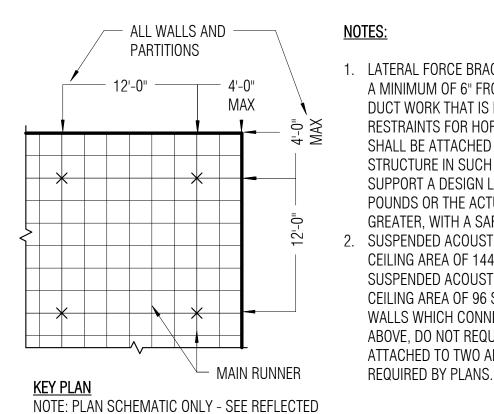
MANUFACTURER'S CATALOG NUMBER - MAIN RUNNER: ARMSTRONG, "PRELUDE XL-7301 HEAVY DUTY" MANUFACTURER'S CATALOG NUMBER - CROSS RUNNER: ARMSTRONG, "PRELUDE XL-7341 AND XL-7328 HEAVY DUTY" MANUFACTURER'S CATALOG NUMBER - RUNNER SPLICE: THIS PRODUCT DOES NOT USE RUNNER SPLICES MANUFACTURER'S CATALOG NUMBER - ANGLE MOLDING: ARMSTRONG, "PRELUDE 7808 2" x 2" ANGLE

TO CONCRETE DECK: W/ 1"x1" 16 GA CLIP W/HILTI X-DNI 1 1/4" MIN PENETRATION TO SLAB; TO BARE METAL DECK: FASTEN 12 GA 3" WIDE BY 4" LONG STEEL STRAP TO SIDE OF FLUTE W/ (2) #8 1/2" SELF



ALIGN RUNNERS WITH PURLINS ABOVE, SO ALL WIRES AND COMPRESSION POSTS CONNECT TO PURLINS.

2 TYPICAL SUSPENDED ACOUSTICAL CEILING GRID BRACING A7.40 3" = 1'-0"



 LATERAL FORCE BRACING MEMBERS SHALL BE SPACED A MINIMUM OF 6" FROM ALL HORIZONTAL PIPING OR RESTRAINTS FOR HORIZONTAL FORCES. BRACING WIRES STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL LOAD, WHICHEVER IS GREATER, WITH A SAFETY FACTOR OF 2. SUSPENDED ACOUSTICAL CEILING SYSTEMS WITH A CEILING AREA OF 144 SF OR LESS, AND FIRE RATED SUSPENDED ACOUSTICAL CEILING SYSTEMS WITH A CEILING AREA OF 96 SF OR LESS, SURROUNDED BY WALLS WHICH CONNECT DIRECTLY TO THE STRUCTURE ABOVE, DO NOT REQUIRE BRACING ASSEMBLIES WHEN ATTACHED TO TWO ADJACENT WALLS. UNLESS

3 TYPICAL COMPRESION STRUT DIAGRAM A7.40 3" = 1'-0"

CEILING PLAN FOR LAYOUT

- 1. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN 2"
- 2. EXPANSION JOINTS SHALL BE PROVIDED IN THE CEILING INTERSECTIONS OF CORRIDORS AND JUNCTIONS OF CORRIDORS WITH LOBBIES OR OTHER SIMILAR AREAS.
- 3. FOR CEILING AREAS EXCEEDING 2500 SQ FT A SEISMIC SEPARATION JOINT SHALL BE PROVIDED TO DIVIDE THE CEILING INTO AREAS NOT EXCEEDING 2500 SQ FT.
- 4. PENETRATIONS THORUGH THE CEILING FOR SPRINKLER HEADS AND OTHER SIMILAR DEVICES THAT ARE NOT INTEGRALLY TIED TO THE CEILING SYSTEM IN THE LATERAL DIRECTION SHALL HAVE A 2" OVERSIZE RING, SLEEVE, OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF 1" IN ALL HORIZONTAL DIRECTIONS.
- 5. SUPPORT SURFACE MOUNTED LIGHT FIXTURES BY AT LEAST 2 POSITIVE DEVICES WHICH SURROUND THE CEILING RUNNER AND WHICH ARE EACH SUPPORTED FROM THE STRUCTURE ABOVE BY AT #12 GAGE WIRE. SRPING CLIPS OR CLAMPS THAT CONNECT ONLY TO THE RUNNER ARE NOT ACCPETABLE. PROVIDE ADDITIONAL SUPPORTS WHEN LIGHT FIXTURES ARE 8' OR LONGER. MAXIMUM SPACING BETWEEN SUPPORTS SHALL NOT EXCEED 8'
- 6. SUPPORT PENDANT MOUNTED LIGHT FIXTURES DIRECTLY FROM THE PENDANT STRUCTURE ABOVE WITH HANGER WIRES OR CABLES PASSING THROUGH EACH PENDANT HANGER AND CAPABLE OF SUPPORTING 2 TIMES THE WEIGHT OF THE FIXTURE. A BRACING ASSEMBLY IS REQUIRED WHERE THE PENDANT HANGER PENETRATES THE CEILING. SPECIAL DETAILS ARE REQUIRED TO ATTACH THE PENDANT HANGER TO THE BRACING ASSEMBLY TO TRANSMIT HORIZONTAL FORCE. IF THE PENDANT MOUNTED LIGHT FIXTURE IS DIRECTLY AND INDEPENDENTLY BRACED BELOW THE CEILING, I.E. AIRCRAFT CABLES TO WALLS, THEN BRACE ASSEMBLY IS NOT REQUIRED ABOVE THE CEILING.

4 SUSPENDED CEILING NOTES

IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT APPLICATION NUMBER 01-113799

Thornton Tomasetti

Thornton Tomasetti, Inc

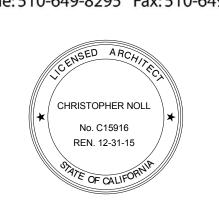
San Francisco, CA 94105

135 Main Street, Suite 850

T 415.365.6900 F 415.365.6901

AC _____ FLS ____ SS ____

architects and planners 729 Heinz Ave. Berkeley, CA 94710-2726 Phone: 510-649-8295 Fax: 510-649-3008



NO. DATE DESCRIPTION 11/20/2013 | 95% CONSTRUCTION DOCUMENT

04/02/2014 | DSA BACK CHECK 04/08/2015 | RECORD SET ISSUE

CONTRA COSTA COLLEGE

SEISMIC RETROFIT - PROJECT #1 DSA # 01-113799

2600 MISSION BELL DRIVE

SAN PABLO, CALIFORNIA

SHEET TITLE

INTERIOR DETAILS -**SOFFIT & CEILING**

PROJECT NO. SHEET NUMBER 21211 As indicated Author Checker

4/8/2015

A7.40

