

STANDARD ABBREVIATIONS	GENERAL NOTES
& # PERCENT ACC. ACCESSORY AMERICANS WITH DISABILITIES ACT A.F.A. ABOVE FINISH FLOOR ALT. ALTERNATE A.P.N. ASSESSOR'S PARCEL NUMBER BD. BOARD BLDG. BUILDING BLDGK. BLOCKING B.O.C. BACK OF CURB C.B.C. CALIFORNIA BUILDING CODE CL or CLG. CENTERLINE CLR. CLEAR CONT. CONTINUOUS CTR. COUNTER DBL. DOUBLE DEMO. DEMOLITION DEPT. DEPARTMENT DET. DETAIL DIA. or Ø DIAMETER DM. DIMENSION DWG. DRAWING E. EAST (E) EXISTING EA. EACH EEP. ENERGY EXPENDITURE PLAN ELEC. ELECTRICAL EQ. EQUIPMENT E.W. EACH WAY EXT. EXTERIOR F.A. FIRE ALARM F.D. FLOOR DRAIN F.F. FIRE EXTINGUISHER F.F. FINISH FLOOR F.F. FINISH FLOOR FL. FLOOR F.O.F. FACE OF FINISH F.O.S. FACE OF STUD FRP. FIBERGLASS REINFORCED PLASTIC FT. FOOT or FEET GA. GAUGE GALV. GALVANIZED SHEET METAL GEN. GENERAL CONTRACTOR GEN. GENERAL CONTRACTOR GFCCI. GROUND FAULT CIRCUIT INTERRUPTER GR. GRASS GYP. GYPSUM BOARD H.B. HOSE BIB HDWD. HARDWARE H.M. HOLLOW METAL HORIZ. HORIZONTAL I.D. INSIDE DIAMETER IE. INSULATION INT. INTERIOR or INTEGRAL L. LENGTH MAX. MAXIMUM MECH. MECHANICAL, ELECTRICAL, PLUMBING M.E.P. MANUFACTURE or MANUFACTURER MIN. MINIMUM MISC. MISCELLANEOUS M.R. MOISTURE RESISTANT N. NORTH N.I. NEW N.I.C. NOT IN CONTACT (NO WORK) NOM. NOMINAL N.T.S. NOT TO SCALE O.C. ON CENTER O.D. OUTSIDE DIAMETER OPP. OPPOSITE O.S.B. ORIENTED STRAND BOARD (PROPOSED) P. PROPERTY LINE PL. PLASTIC LAMINATE PLWD. PLYWOOD PNL. PANEL P.O.T. PATH OF TRAVEL PT. PAINT P.T.D. PAPER TOWEL DISPENSER PVC. POLYVINYL CHLORIDE P.U.E. PUBLIC UTILITY EASEMENT R. RADIUS R.B. RUBBER BASE R.D. ROOF DRAIN REF. REFERENCE REIN. REINFORCE REQ. REQUIRED or REQUIREMENT RES. RESILIENT RM. ROOM ROUGH. ROUGH OPENING R.R. REMOVE & RELOCATE S.A.S.M. SELF-ADHERE SHEET MEMBRANE S. SOUTH S.C. SOLID CORE S.C.D. SEAT COVER DISPENSER SCHED. SCHEDULE SECT. SECTION S.E.D. SEE ELECTRICAL DRAWINGS S.F. SQUARE FEET or SQUARE FOOT SHT. SHEET SIM. SIMILAR S.M.D. SEE MECHANICAL DRAWINGS SPEC. SPECIFICATIONS SQ.FT. SQUARE FEET or SQUARE FOOT STL. STORAGE STR. STRUCTURAL or STRUCTURE SUSP. SUSPENDED SYM. SYMMETRICAL TAB. TOP & BOTTOM TO BE DETERMINED T.B.D. TO BE DETERMINED TEMP. TEMPORARY T&G. TONGUE & GROOVE THK. THICK TMP. TEMPERED T.O. TOP OF TYP. TYPICAL U.C. UNDER COUNTER UNF. UNFINISHED U.N. UNLESS OTHERWISE NOTED VERT. VERTICAL VEST. VESTIBULE V.I.F. VERIFY IN FIELD W. WEST W.C. WATER CLOSET WD. WOOD WIND. WINDOW W.R. WATER RESISTANT WSCT. WAINSCOT WT. WEIGHT WITH W/O. WITHOUT	1. DO NOT SCALE THE DRAWINGS. EVERY ATTEMPT HAS BEEN MADE TO SHOW ITEMS TO SCALE, BUT NO GUARANTEE IS IMPLIED. ALWAYS INFORM THE ARCHITECT OF MISSING, INCOMPLETE, OR IMPROPER DIMENSIONS ON THE PLANS, OR WHEN EXISTING CONDITIONS DO NOT MATCH WHAT IS SHOWN ON THE PLANS. VERIFY CRITICAL DIMENSIONS. 2. DIMENSIONS TO EXISTING CONSTRUCTION ARE GIVEN TO FACE OF FINISH, UNLESS INDICATED OTHERWISE. 3. SPECIFICATIONS ARE NOTED THROUGHOUT THE PLANS. CONTACT ARCHITECT FOR CLARIFICATIONS. 4. IF PROVIDED, SEE ELECTRICAL, CIVIL AND PLUMBING DRAWINGS FOR RELATED WORK AND EQUIPMENT. WHERE ELECTRICAL ITEMS ARE SHOWN, AND NO DIMENSIONS OR OTHER FORMS OF LOCATION INFORMATION ARE PROVIDED, THE ARCHITECTURAL DRAWINGS SHALL GOVERN WITH RESPECT TO LOCATION. 5. IF INDICATED, PROVIDE ALTERNATE BIDS AS DESCRIBED IN THE PLANS AND IN BID INSTRUCTIONS. 6. SINCE THE WORK INCLUDES ALTERATIONS OF EXISTING FACILITIES, EXAMINATION OF THE EXISTING CONSTRUCTION SHALL BE MADE BY THE GENERAL CONTRACTOR AS IT RELATES TO THE WORK. THE GENERAL CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND DIMENSIONS AS REQUIRED. NO ALLOWANCE SHALL BE ALLOWED FOR ANY EXPENSE INCURRED DUE TO FAILURE OR NEGLECT TO EXAMINE AND VERIFY EXISTING CONDITIONS. ANY CONFLICTS, OMISSIONS, ETC. SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID SUBMISSION. 7. THE PURPOSE OF THESE DOCUMENTS IS TO SHOW THE GENERAL ARRANGEMENT AND EXTENT OF NEW WORK, INCLUDING ADDITIONS, ALTERATIONS AND INTERFACING. ASSUMPTIONS HAVE BEEN MADE REGARDING ARCHITECTURAL, STRUCTURAL AND SYSTEM FEATURES OF EXPOSED AND CONCEALED EXISTING CONSTRUCTION. WORK WHICH IS OBVIOUSLY REQUIRED TO BE PERFORMED TO PROVIDE A COMPLETE AND OPERABLE FINISHED PRODUCT WITHIN THE SCOPE OF THIS CONTRACT, BUT WHICH IS NOT SPECIFICALLY INCLUDED IN THESE DOCUMENTS, SHALL BE PERFORMED BY THE GENERAL CONTRACTOR. ALL ITEMS ARE NEW UNLESS IDENTIFIED AS EXISTING (E). 8. THERE WILL BE NO SUBSTITUTION FOR SPECIFIED ITEMS WITHOUT PRIOR WRITTEN APPROVAL, UNLESS OTHERWISE NOTED IN THESE PLANS. REQUESTS FOR SUBSTITUTIONS SHALL BE MADE IN WRITING TO THE ARCHITECT AND APPROVED BY THE ARCHITECT BEFORE ORDERING OR INSTALLING THE SUBSTITUTED ITEM(S). 9. REMOVE PORTIONS OF EXISTING CONSTRUCTION AS NECESSARY TO ACCOMMODATE NEW CONSTRUCTION AND REPAIR AS NEEDED. PROTECT AREAS FROM DAMAGE WHICH MAY OCCUR FROM DEMOLITION, DUST, WATER, ETC. PROVIDE AND MAINTAIN TEMPORARY BARRICADES, CLOSURE WALLS, ETC. AS REQUIRED DURING THE PERIOD OF CONSTRUCTION. 10. DAMAGE TO EXISTING STRUCTURES, FINISH, AND EQUIPMENT SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ARCHITECT, AS APPROVED BY DSA AND AT THE EXPENSE OF THE GENERAL CONTRACTOR. 11. THE FINAL LOCATION OF ALL ELECTRICAL AND SIGNAL EQUIPMENT, PANEL BOARDS, FIXTURES, OUTLETS, ETC. SHALL BE APPROVED BY OWNER PRIOR TO INSTALLATION. 12. DIMENSIONS NOTED "TO CLEAR" OR "CLR." MUST BE PRECISELY MAINTAINED. DO NOT SCALE DRAWINGS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION PRIOR TO DEMOLITION, FABRICATION OR CONSTRUCTION. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT WRITTEN APPROVAL FROM THE ARCHITECT, OR UNLESS NOTED OTHERWISE (I.E. "+/-" ON PLANS). 13. DIMENSIONS NOTED "V.I.F." OR "VERIFY" SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF FABRICATION OR CONSTRUCTION. VERIFY ALL ROUGH OPENING DIMENSIONS, FOR FABRICATED ITEMS, WITH THE MANUFACTURER PRIOR TO CONSTRUCTION. 14. EACH FLOOR LEVEL IS ESTABLISHED AT +0.00' AND SHALL BE USED AS A REFERENCE FOR THAT LEVEL'S ELEVATIONS. 15. PROVIDE REQUIRED BLOCKING AND BRACING FOR ALL WALL MOUNTED FIXTURES, ACCESSORIES AND EQUIPMENT. PATCH & REPAIR (E) WALL TO PREVIOUS CONDITION WHERE HOLES ARE CUT FOR NEW BLOCKING OR BRACING. 16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ALL LEFTOVER MATERIALS, DEBRIS, TOOLS AND EQUIPMENT INVOLVED IN HIS OPERATIONS AT THE CONCLUSION OF THE WORK. LEAVE ALL AREAS CLEAN AND IN PERFECT CONDITION. 17. CONTRACTOR SHALL REPAIR OR REPLACE ANY FENCE, SIDEWALK, PAVING, LANDSCAPING, ELEVATOR, FLOORING OR ANY OTHER BUILDING MATERIAL OR SYSTEM DAMAGED AS A RESULT OF LABOR, MATERIAL AND EQUIPMENT DELIVERY AND HANDLING. 18. THE ARCHITECT AND THE ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL OR DISPOSAL OF, OR EXPOSURE OF PERSONS TO ASBESTOS, HAZARDOUS OR TOXIC SUBSTANCES IN ANY FORM AT THE PROJECT SITE. PROFESSIONAL SERVICES RELATED OR IN ANY WAY CONNECTED WITH THE INVESTIGATION, DETECTION, ABATEMENT, REPLACEMENT, USE, SPECIFICATION OR REMOVAL OF PRODUCTS, MATERIALS OR PROCESSES CONTAINING ASBESTOS, HAZARDOUS OR TOXIC MATERIALS ARE BEYOND THE SCOPE OF THIS CONTRACT. 19. THE INTENT OF THESE DRAWINGS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION SHALL BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS, SUCH AS DETERIORATION OR NONCOMPLIANT CONSTRUCTION, BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS, WHEN THE FINISHED WORK SHALL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY AND WAIT FOR INSTRUCTION BEFORE PROCEEDING WITH WORK. 20. CONTRACTOR TO PROVIDE TEMPORARY BARRIERS AROUND CONSTRUCTION AREAS TO PROTECT PEDESTRIANS ON SITE. ALL EXITS AND EXIT PATHS, FIRE LANES AND ACCESSIBLE PARKING STALLS SHALL REMAIN CLEAR AND UNOBTSTRUCTED. FREE OF DEBRIS AND CONSTRUCTION MATERIAL.

DESIGN CRITERIA FOR WIND AND SEISMIC LOAD

Wind Risk Category:	II
Basic Wind Speed:	94 MPH
Wind Exposure:	C

Description	Value
2022 California Building Code (CBC) Site Classification ¹	D ²
Risk Category	II
Site Latitude ³	38.2836° N
Site Longitude ³	121.3011° W
S _w , Spectral Acceleration for a Short Period ⁴	0.554g
S _w , Spectral Acceleration for a 1-Second Period ⁴	0.244g
F _s , Site Coefficient	1.357
F _v , Site Coefficient (1-Second Period)	2.112
S _{0s} , Spectral Acceleration for a Short Period	0.501g
S _{0w} , Spectral Acceleration for a 1-Second Period	0.344g

- ADMINISTRATIVE REQUIREMENTS**
- THE CALIFORNIA ENERGY CODE SECTION 10-103 REQUIRES ACCEPTANCE TESTING ON ALL NEWLY INSTALLED LIGHTING CONTROLS, MECHANICAL SYSTEMS, ENVELOPES, AND PROCESS EQUIPMENT AFTER INSTALLATION AND BEFORE PROJECT COMPLETION. AN ACCEPTANCE TEST IS A FUNCTIONAL PERFORMANCE TEST TO HELP ENSURE THAT NEWLY INSTALLED EQUIPMENT IS OPERATING AND IN COMPLIANCE WITH THE ENERGY CODE.
 - LIGHTING CONTROLS ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED LIGHTING CONTROLS ACCEPTANCE TEST TECHNICIAN (ATT).
 - MECHANICAL SYSTEM ACCEPTANCE TESTS MUST BE PERFORMED BY A CERTIFIED MECHANICAL ATT FOR PROJECTS SUBMITTED ON OR AFTER OCTOBER 1, 2021.
 - ENVELOPE AND PROCESS EQUIPMENT ACCEPTANCE TESTS SHALL BE PERFORMED BY THE INSTALLING CONTRACTOR, ENGINEER/ARCHITECT OF RECORD OR THE OWNER'S AGENT.
 - A LISTING OF CERTIFIED ATT CAN BE FOUND AT: <https://www.energy.ca.gov/programs-and-topics/programs/acceptance-test-technician-certification-provider-program/acceptance>
 - THE ACCEPTANCE TESTING PROCEDURES MUST BE REPEATED, AND DEFICIENCIES MUST BE CORRECTED BY THE BUILDER OR INSTALLING CONTRACTOR UNTIL THE CONSTRUCTION/INSTALLATION OF THE SPECIFIED SYSTEMS CONFORM AND PASS THE REQUIRED ACCEPTANCE CRITERIA.
 - PROJECT INSPECTORS WILL COLLECT THE FORMS TO CONFIRM THAT THE REQUIRED ACCEPTANCE TESTS HAVE BEEN COMPLETED.

GENERAL NOTES	PROJECT REQUIREMENTS	LOCAL FIRE JURISDICTION	DSA INFORMATION	DRAWINGS INDEX	STATEMENT OF GENERAL CONFORMANCE	DEFERRED ITEM:
*All work shall conform to 2019 Title 24, California Code of Regulations (CCR). *The scope of work - clearly indicate the scope of work on the cover sheet or general note sheet of the drawings. *Fabrication and installation of deferred submittal items shall not be started until contractor's drawings, specifications, and engineering calculations for the actual systems to be installed have been accepted and signed by the architect or structural engineer and approved by the DSA. List deferred submittal items for this project. *Changes to the approved drawings and specifications shall be made by an addendum or a construction change document (CCD) approved by the Division of the State Architect, as required by Section 4-338, Part 1, Title 24, CCR. *A "DSA Certified" project inspector employed by the District (Owner) and approved by the DSA shall provide continuous inspection of the work. The duties of the inspector are defined in Section 4-342, Part 1, Title 24, CCR. Project Inspector shall have a Class 3 certification minimum. *A DSA accepted testing laboratory directly employed by the District (Owner) shall conduct all the required tests and inspections for the project. *The intent of these drawings and specifications is that the work of the alteration, rehabilitation or reconstruction is to be in accordance with Title 24, CCR. Should any existing conditions such as deterioration or non-complying construction be discovered which is not covered by the contract documents wherein the finished work will not comply with Title 24, CCR, a construction change document (CCD), or a separate set of plans and specifications, detailing and specifying the required work shall be submitted to and approved by DSA before proceeding with the work. (Section 4-317(c), Part 1, Title 24, CCR) *Grading plans, drainage improvements, road and access requirements and environmental health considerations shall comply with all local ordinances.	APPLICABLE CODES 2022 CALIFORNIA GREEN CODE - TITLE 24, Part 11 2022 CALIFORNIA ADMINISTRATIVE CODE - TITLE 24, Part 1 2022 CALIFORNIA BUILDING CODE - TITLE 24, Part 2 2022 CALIFORNIA ELECTRICAL CODE - TITLE 24, Part 3 2022 CALIFORNIA MECHANICAL CODE - TITLE 24, Part 4 2022 CALIFORNIA PLUMBING CODE - TITLE 24, Part 5 2022 CALIFORNIA ENERGY CODE - Part 6 2022 CALIFORNIA FIRE CODE - Part 9 2022 CALIFORNIA EXISTING BUILDING CODE - TITLE 24, Part 10 2022 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24, Part 12 TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS 2022 NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED) RULES AND REGULATIONS OF THE LOCAL UTILITY COMPANY A COPY OF PARTS I & II OF TITLE 24 SHALL BE KEPT AND AVAILABLE IN THE FIELD DURING CONSTRUCTION	GALT FIRE DEPARTMENT	PROJECT NO. 02-121488 FILE NO. 34-25	GENERAL COVER SHEET ARCHITECTURAL ENLARGED SITE PLAN CIVIL CIVIL GENERAL NOTES AND ABBREVIATIONS TOPOGRAPHIC SURVEY C0.1 DEMOLITION PLAN C1.1 ENGINEERED FILL PLAN C2.1 GRADING PLAN C3.1 UTILITY PLAN CA.1 PAVING AND STRIPING PLAN CS.1 EROSION CONTROL PLAN CB.1 DETAILS AND SECTIONS ELECTRICAL SYMBOLS AND DRAWINGS INDEX POWER ONE-LINE DIAGRAM, RISERS & SCHEDULES ED.01 ELECTRICAL SITE PLAN ED.01 ELECTRICAL PLAN ED.01 SCHEDULES NOTES & CALCULATIONS E3.02 FIRE ALARM PLAN & RISER DIAGRAM E4.01 ELECTRICAL DETAILS PC-DRAWINGS COVER SHEET PROJECT OPTIONS SCHEDULE TYPICAL KEY PLAN AND SCHEDULES, GEN. NOTES SIGNAGE AND SYMBOLS DSA 103 T & PLYWOOD FLOORS CALGREEN SPECS 24 X 40 FLOOR PLAN ARCHITECTURAL DETAILS (WOOD FRAMING SHFT, FINISH ARCHITECTURAL DETAILS (FLOOR) SINGLE OCC. BATHROOM RCP *A3.2.1 *A3.3 *A3.4 *A4.0.1 *A4.1 *A4.5 *A5.0 *A5.1 *A5.2 *A6.0 *A6.2 *A7.1 *A7.2 *E1.0 *E1.1 *E2.1 *E2.2 *E2.3 *M0.1 *M2.1 *M2.2 *M2.3 *M2.4 *M5.1 *M5.2 *M5.3 *S1.0 *S1.1 *S1.2 *S1.3 *S3.1 *S3.3 *S4.1 *S4.2 *S4.4 *S4.5 *S5.0 *C-1.0 *F-1.0 *F-7.0 *SRO *SR1 *SR2 *SR3 *SR4 *SR6 *SR7	1. AS A FACILITY WHICH COMES UNDER THE APPROVAL OF THE DIVISION OF THE STATE ARCHITECT (DSA), THIS PROJECT IS SUBJECT TO DRAWING AND SITE REVIEW BY A REPRESENTATIVE OF DSA. ALL WORK SHALL COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR). 3. THE SCHOOL DISTRICT SHALL NOTIFY DSA OF THE START-UP OF CONSTRUCTION, SECTION 4-331	STATEMENT OF GENERAL CONFORMANCE (APPLICATION NO. 02-121488 FILE NO. 34-25) <input checked="" type="checkbox"/> THE DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET <input type="checkbox"/> THIS DRAWING, PAGE OF SPECIFICATIONS / CALCULATIONS HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THIS STATE. IT HAS BEEN EXAMINED BY ME FOR: 1) DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS TITLE 24, CALIFORNIA CODE OF REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME AND COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THIS PROJECT. 2) THE STATEMENT OF GENERAL CONFORMANCE "SHALL NOT BE CONSTRUED AS RELIEVING ME OF MY RIGHTS, DUTIES, AND RESPONSIBILITIES UNDER SECTIONS 17302 AND 81138 OF THE EDUCATION CODE AND SECTIONS 4-336, 4-341 AND 4-344" OF TITLE 24, PART 1, (TITLE 24, PART 1, SECTION 4-317 (b)) I FIND THAT: <input checked="" type="checkbox"/> ALL DRAWINGS OR SHEET LISTED ON THE COVER OR INDEX SHEET <input checked="" type="checkbox"/> THIS DRAWING OR PAGE <input checked="" type="checkbox"/> IS/ARE IN GENERAL CONFORMANCE WITH THE PROJECT DESIGN INTENT, AND <input checked="" type="checkbox"/> HAS/HAVE BEEN COORDINATED WITH THE PROJECT PLANS AND SPECIFICATIONS. SIGNATURE: DATE: 06/28/2023 ARCHITECT OR ENGINEER DESIGNATED TO BE IN GENERAL RESPONSIBLE CHARGE STEVE SOWA PRINT NAME C-37459 LICENSE NUMBER 08/31/23 EXPIRATION DATE CIVIL & ELECTRICAL DEFERRED ITEM: N/A

GALT JOINT UNION ELEMENTARY SCHOOL DISTRICT LAKE CANYON ES PORTABLES

800 Lake Canyon Avenue, Galt, CA 95632

DSA APPLICATION AND FILE NO.:
02-121488
34-25

PROJECT TEAM

OWNER(S): CONTACT: **LOIS YOUNT**
SUPERINTENDENT
GALT UNION ELEM. SCHOOL DISTRICT
21 C STREET
GALT, CA 95632
PHONE: 209.744.4545 ext. 310
E-MAIL: yount@galt.k12.ca.us

ARCHITECT: CONTACT: **STEVE SOWA**
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3031 W MARCH LANE, SUITE 334
STOCKTON, CA 95219
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CIVIL ENGINEERING: CONTACT: **ANTHONY TASSANO**
WARREN CONSULTING ENGINEERS, INC.
1117 WINDFIELD WAY, SUITE 110
EL DORADO HILLS, CA 95762
PHONE: 916.885.1870
E-MAIL: anthony@wceinc.com

ELEC. ENGINEER: CONTACT: **DANNY MCKEVITT**
THE ENGINEERING ENTERPRISE
1305 MARINA VILLAGE PKWY STE 100
ALAMEDA, CA 94501
PHONE: 530.886.8556
E-MAIL: dcmckevitt@gengent.com

PROJECT LOCATION

GENERAL LEGEND

TAGS AND MARKERS

- 0: PLAN REFERENCE GRID
- STRUCTURAL GRID LINE
- REVISION MARKER
- 1: PLAN KEY NOTES
- W1: WINDOW TAG
- WALL TAG
- Room name: ROOM LABEL, ROOM NAME, ROOM NUMBER
- P1: FINISH LABEL, FINISH NUMBER

SECTION REFERENCE

- CASEWORK: CASEWORK NUMBER, DEPTH, HEIGHT, WIDTH
- SECTION NUMBER
- REFERENCE LABEL WHERE OCCURS
- SHEET NUMBER
- KEYNOTE NUMBER
- DIVISION NUMBER
- DETAIL REFERENCE: DETAIL NUMBER, REFERENCE LABEL WHERE OCCURS, SHEET NUMBER
- ELEVATION REFERENCE: DETAIL NUMBER, TYP., SHEET NUMBER
- PC DETAIL REFERENCE: REFERENCE LABEL WHERE OCCURS, SHEET NUMBER

GRAPHIC SCALE & NORTH ARROW

PROJECT NORTH
REFERENCES TRUE NORTH
DOOR NUMBER (ROOM# DOOR#)

FLOOD HAZARD MAP

National Flood Hazard Layer FIRMette

GENERAL LEGEND

SEE FIR REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)
- Water Surface Elevation
- With BFE or Depth (Zone A, AE, AH, AO, AR)
- Regulatory Floodway
- 0.2% Annual Chance Flood Hazard, Areas of 1% Annual Chance Flood Hazard with average depth less than one foot or with drainage areas of less than one square mile (Zone X)
- Future Conditions 1% Annual Chance Flood Hazard (Zone X)
- Area with Reduced Flood Risk due to Levees, See Notes (Zone V)
- Area with Flood Risk due to Levees (Zone D)

OTHER AREAS OF FLOOD HAZARD

- no screen: Area of Minimal Flood Hazard (Zone I)
- Effective Lengths
- Area of Undetermined Flood Hazard (Zone B)

OTHER AREAS

- Channel, Culvert, or Storm Sewer Levee, Dike, or Floodwall
- Coastal Transient
- Coastal Transient Baseline
- Hydrographic Feature

OTHER FEATURES

- Digital Data Available
- No Digital Data Available
- Unmapped

MAP PANELS

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFPA web services provided by FEMA. This map was updated on 06/29/2023 at 09:54:00 AM and does not reflect changes or amendments subsequent to this date and time. The NFPA and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unannotated areas cannot be used for regulatory purposes.

Legend

City of Galt 060264 T.R. 50

AREA OF MINIMAL FLOOD HAZARD

06067C0466H eff: 8/16/2012

Feet 1:6,000

Basemap: USGS National Map; Orthoimagery: Data refreshed October, 2020

Professional Seals

GALT JOINT UNION ELEMENTARY SCHOOL DISTRICT

Lake Canyon ES Portables

800 Lake Canyon Ave., Galt, CA 95632

SHEET TITLE: **COVER SHEET**

CONSTRUCTION DOCUMENTS

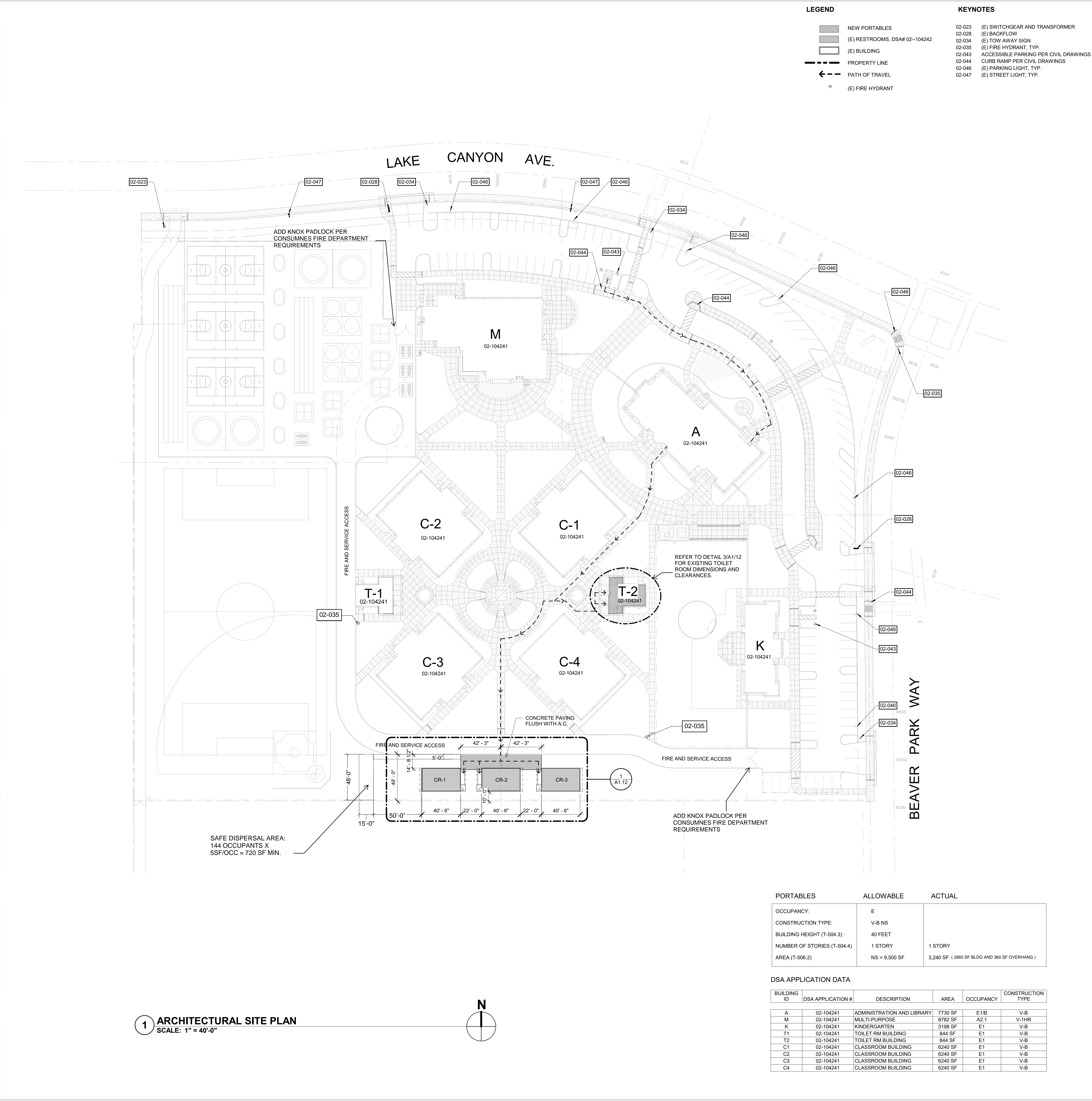
Revision Schedule

NO.	Description	Date

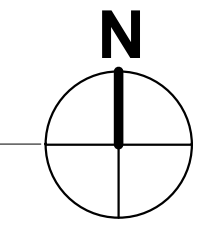
PROJECT # 22.037 SHEET #

ISSUE DATE: 06-20-2023 **A0.0**

6/15/2023 4:34:54 PM C:\Users\alcomide\Documents\22037 GJUESD Lake Canyon ES Portables_aconcomideGKUMBM.rvt



1 ARCHITECTURAL SITE PLAN
SCALE: 1" = 40'-0"



LEGEND

- NEW PORTABLES
- (E) RESTROOMS, DSA# 02-104242
- (E) BUILDING
- PROPERTY LINE
- PATH OF TRAVEL
- (E) FIRE HYDRANT

KEYNOTES

- 02-023 (E) SWITCHGEAR AND TRANSFORMER
- 02-028 (E) BACKFLOW
- 02-034 (E) TOW AWAY SIGN
- 02-035 (E) FIRE HYDRANT, TYP.
- 02-043 ACCESSIBLE PARKING PER CIVIL DRAWINGS
- 02-044 CURB RAMP PER CIVIL DRAWINGS
- 02-046 (E) PARKING LIGHT, TYP.
- 02-047 (E) STREET LIGHT, TYP.

GENERAL NOTES

A. THE D.A. POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR POT REQUIREMENTS FOR NEW CONSTRUCTION.

B. DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCOMPLYING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CCD.

C. ALL EXTERIOR CONDUIT SHALL BE PAINTED TO MATCH THE COLOR OF THE ADJACENT SURFACE. WHERE CONDUIT OCCURS ON THE ROOF, IT SHALL BE PAINTED TO MATCH THE DARKEST SHADE OF THE ROOFING MATERIAL. SEE ELEC. DWGS. FOR ALL CONDUIT LOCATIONS.

ACCESSIBLE ROUTE

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:

THE POT IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR THE PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE POT WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WERE DETERMINED TO BE NONCOMPLIANT 1) HAVE BEEN IDENTIFIED AND 2) THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAIL DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE POT THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARSHNESS ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF POT ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCOMPLYING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.

PATH OF TRAVEL TECHNICAL REQUIREMENTS FOR ACCESSIBLE ROUTE

*ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS BARRIER-FREE ACCESS ROUTE WITHOUT ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAXIMUM SLOPE OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAXIMUM AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP-RESISTANT. CROSS-SLOPE SHALL NOT BE STEEPER THAN 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL SHALL NOT BE STEEPER THAN 1:20. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM AND FREE OF OBJECTS PROTRUDING MORE THAN 4" FROM THE WALL, ABOVE 27" AND LESS THAN 80" ABOVE THE FLOOR. ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.

810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the DSA Forms or DSA Publications websites.

To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new buildings(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply. Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgment by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy PL 09-01: Fire Flow for Buildings.

PROJECT INFORMATION

School District/Owner: Galt Joint Union Elementary School District

Project Name/School: Lake Canyon ES Portables

Project Address: 800 Lake Canyon Ave., Galt CA 95632

FIRE & LIFE SAFETY INFORMATION

1. Has a fire hydrant flow test been performed within the past 12 months? (If yes, provide a copy of the test data.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
2. Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? (If yes, indicate FHSZ classification below.)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

Refer to the following website for FHSZ locations:
<http://maps.fra.ca.gov/FHSZ/>

Wildland Interface Area (WIFA) (if any designations are checked, project design must meet the requirements of CBC Chapter 7A.)

Moderate High Very High WIFA

DSG DSA 810 (revised 12/29/20) DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 1 of 4

PORTABLES	ALLOWABLE	ACTUAL
OCCUPANCY:	E	
CONSTRUCTION TYPE:	V-B NS	
BUILDING HEIGHT (T-504.3):	40 FEET	
NUMBER OF STORIES (T-504.4):	1 STORY	1 STORY
AREA (T-506.2)	NS = 9,500 SF	3,240 SF (2880 SF BLDG AND 360 SF OVERHANG)

DSA APPLICATION DATA

BUILDING ID	DSA APPLICATION #	DESCRIPTION	AREA	OCCUPANCY	CONSTRUCTION TYPE
A	02-104241	ADMINISTRATION AND LIBRARY	7730 SF	E1/B	V-B
M	02-104241	MULTI-PURPOSE	6782 SF	A2.1	V-1HR
K	02-104241	KINDERGARTEN	3196 SF	E1	V-B
T1	02-104241	TOILET RM BUILDING	844 SF	E1	V-B
T2	02-104241	TOILET RM BUILDING	844 SF	E1	V-B
C1	02-104241	CLASSROOM BUILDING	6240 SF	E1	V-B
C2	02-104241	CLASSROOM BUILDING	6240 SF	E1	V-B
C3	02-104241	CLASSROOM BUILDING	6240 SF	E1	V-B
C4	02-104241	CLASSROOM BUILDING	6240 SF	E1	V-B

REQUEST FOR HYDRANT TESTING

Requester Company/Agency: Derivi Castellanos Architects

Mail Address: 95 S Market Street, Suite 480 City: San Jose Zip: 95113

E-mail Address: ssow@dcaia.com Phone: (408) 857-3812

Location: Lake Canyon Elementary School New Portable Classrooms

Project or Business Address: 800 Lake Canyon Avenue City: Galt Zip: 95632

Fire Hydrant - Site Inspection:

Location of Test Hydrant: Fire Road off Beaver Park Way

Location of Flow Hydrant: Beaver Park Way

Hydrant Location (if other than street address): _____

Special Instructions (if needed): Flow test as required for the Division of the State Architect

TEST RESULTS - This data shall be used for fire flow and sprinkler design.

STATIC: 70 PSI

RESIDUAL: 54 PSI

FLOW: 919 GPM

Fire Marshal's Office Use Only

Flow data provided by: J. A. Angus First Reading: 38 PSI

Date of Test: 5/1/2023 Diameter of Main: 6 in

Time of Test: 1:00 hrs Flow at 30 PSI Residual: 1701 gpm

Date Water Dept. Contacted: Yes 5/1/2023 Observed Flow: R. Suckton

PROJECT # 22.037 SHEET # A1.11

ISSUE DATE: 06-28-2023

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC.
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

Derivi Castellanos Architects
Central Valley
3031 W March Ln, Ste 334
Stockton, CA 95219
(209) 462-2873

www.dcaia.com

Professional Seals
STEPHEN SOWA
C-37459
STATE OF CALIFORNIA

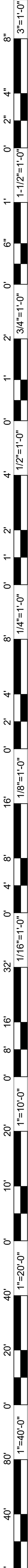
GALT JOINT UNION ELEMENTARY SCHOOL DISTRICT
Lake Canyon ES Portables
800 Lake Canyon Ave., Galt, CA 95632

SHEET TITLE:
ARCHITECTURAL SITE PLAN

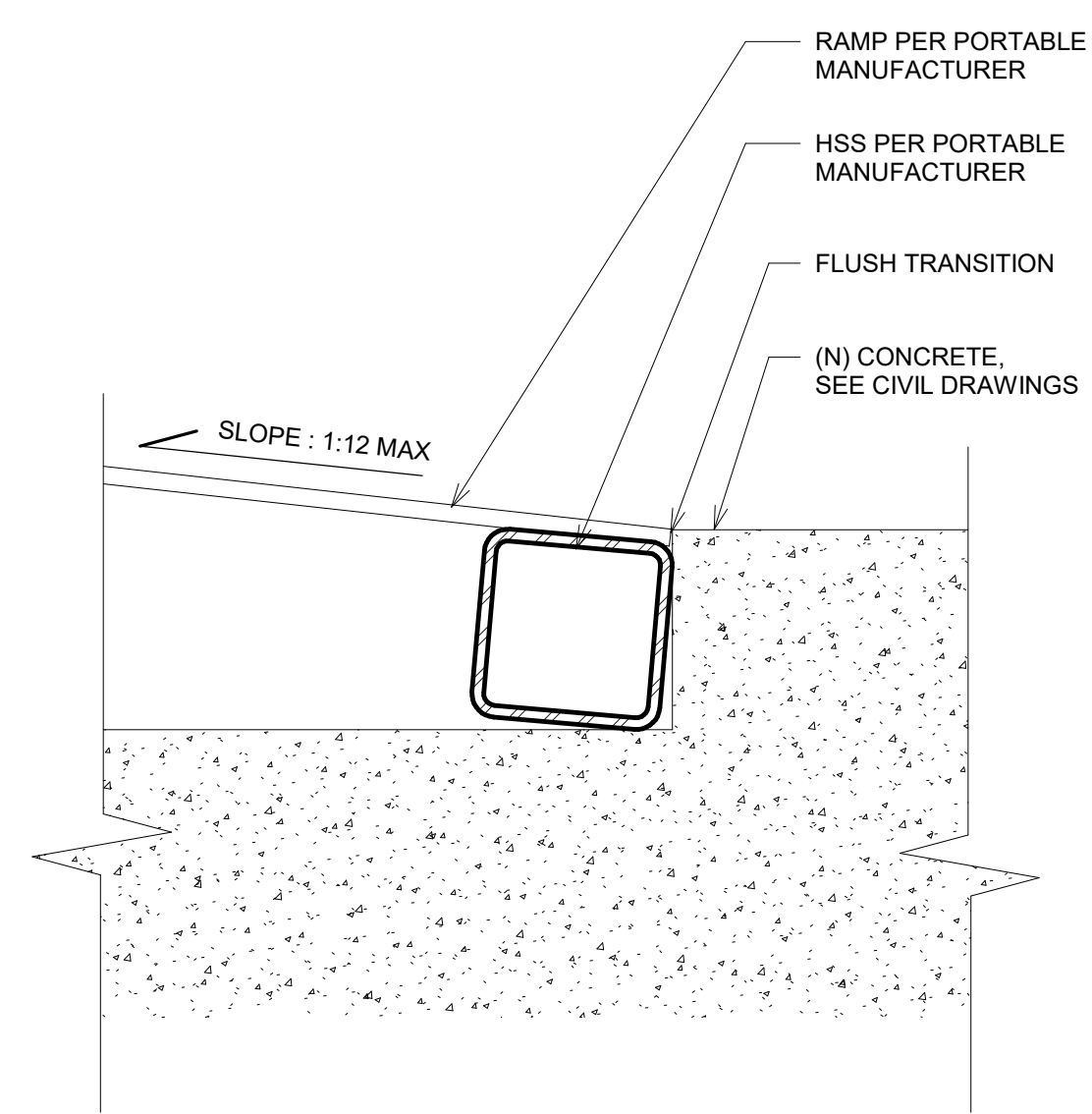
CONSTRUCTION DOCUMENTS

Revision Schedule

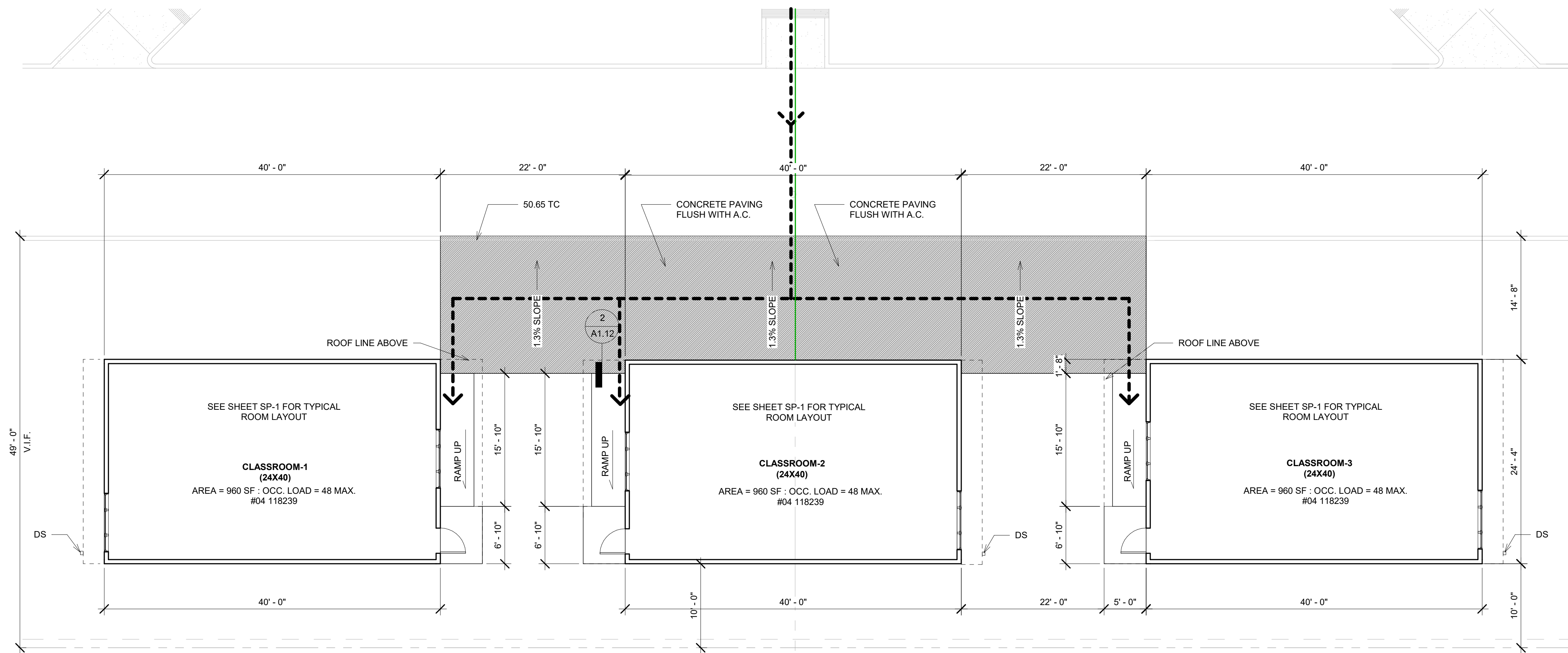
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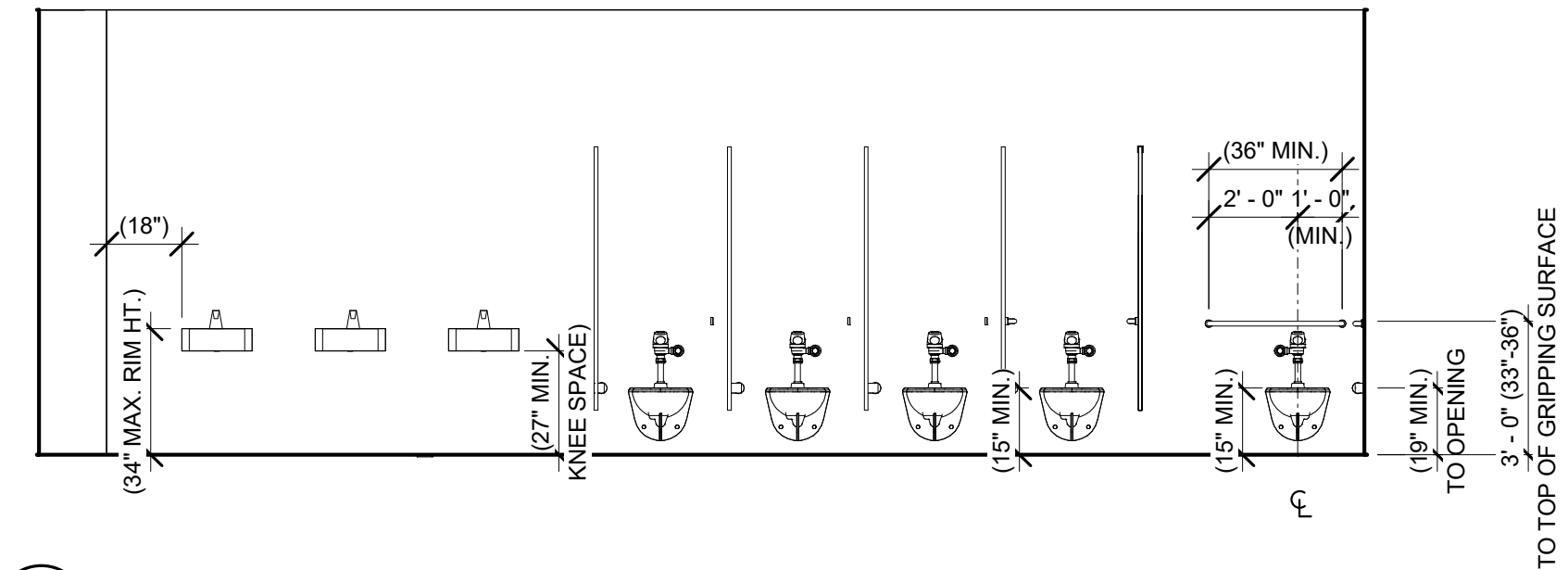
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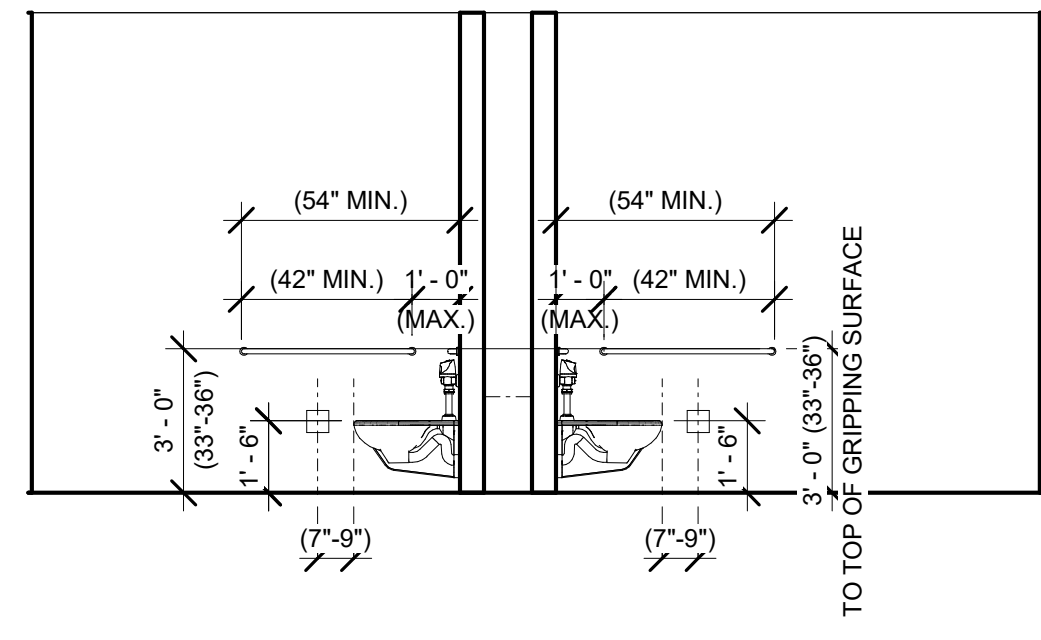
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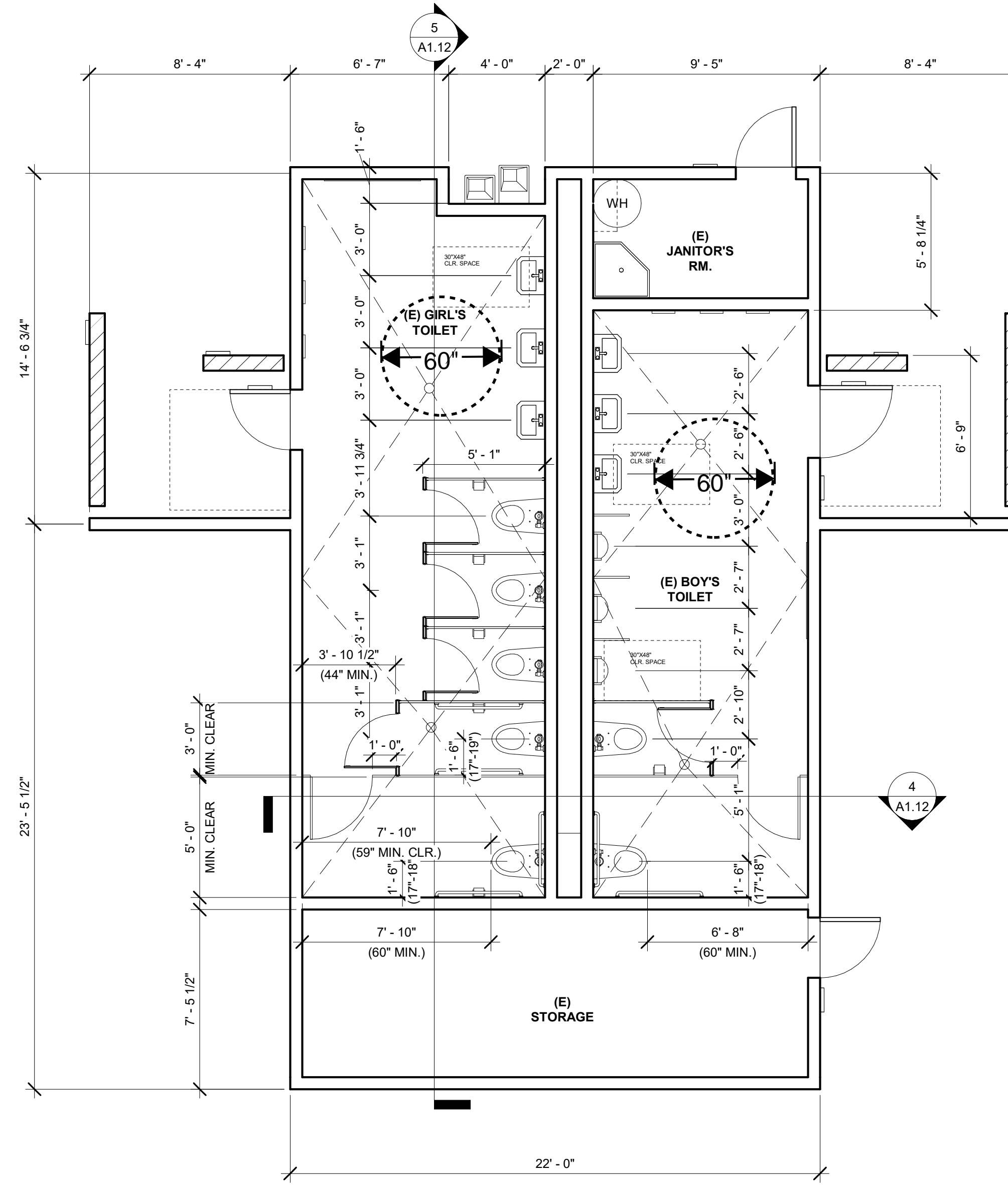
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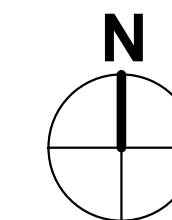
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3 EXISTING RESTROOM (BLDG. T-2)
SCALE: 1/4" = 1'-0"



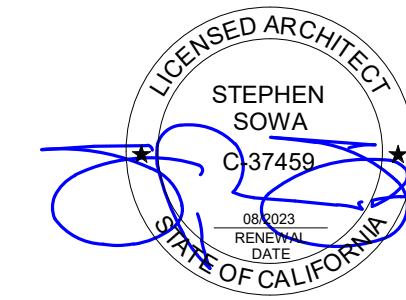
LEGEND
NEW PORTABLES
(E) RESTROOMS, DSA# 02-104242
(E) BUILDING
PROPERTY LINE
PATH OF TRAVEL
(E) FIRE HYDRANT



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC.
REVIEWED FOR
SS [X] FLS [X] ACS [X]
DATE: 6/29/2023

Derivi
Castellanos
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3031 W March Ln, Ste 334
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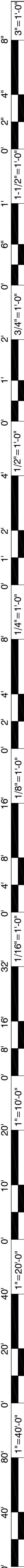
SHEET TITLE:
ENLARGED SITE PLAN

CONSTRUCTION DOCUMENTS

Revision Schedule

NO.	Description	Date

PROJECT #
22.037
ISSUE DATE:
06-20-2023
SHEET #
A1.12



ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS MAY BE USED ON THESE PLANS.

AB	AGGREGATE BASE
AC	ASPHALTIC CONCRETE
AD	AREA DRAIN
APN	ASSessor'S PARCEL NUMBER
ARV	AIR RELEASE VALVE
ASB	AGGREGATE SUB-BASE
BO	BLOW-OFF VALVE
BV	BUTTERFLY VALVE
BW	BACK OF WALK
C/L	CENTERLINE
CB	CATCH BASIN
CJ	CONTROL JOINT
CL	CLASS
CMP	CORRUGATED METAL PIPE
CATV	CABLE TELEVISION
CO	CLEANOUT
COMM	COMMUNICATION
CONC.	CONCRETE
CONST.	CONSTRUCT
CR	CURB RETURN
CS	CONCRETE SURFACE
DC	DOUBLE CHECK VALVE
DDC	DOUBLE DETECTOR CHECK VALVE
DG	DECOMPOSED GRANITE
DI	DROP INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DWG	DRAWING
DS	DOWNSPOUT
E	ELECTRICAL
EJ	EXPANSION JOINT
EP	EDGE OF PAVEMENT
ESMT	EASEMENT
EXIST.	EXISTING
FS	FIRE SERVICE LINE
FDC	FIRE DEPARTMENT CONNECTION
FL	FLOWLINE
FM	SANITARY SEWER FORCE MAIN
FF	FINISHED FLOOR ELEVATION
FH	FIRE HYDRANT
G	GAS
GB	GRADE BREAK
GR	GRATE ELEVATION
GRD	GRADE ELEVATION
GV	GATE VALVE
HB	HOSE BIBB
HBD	HEADER BOARD
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HP	HIGH POINT
INV	PIPE INVERT ELEVATION
JP	JOINT UTILITY POLE
LF	LINICAL FEET
LIP	LIP OF GUTTER
LT	LEFT
MS	MOWSTRIP
NTS	NOT TO SCALE
OH	OVERHEAD
PAD	BUILDING PAD
PCC	PORTLAND CEMENT CONCRETE
PD	PLANTER DRAIN
PV	POST INDICATOR VALVE
P/L	PROPERTY LINE
PP	POWER POLE
PUE	PUBLIC UTILITY EASEMENT
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
R	RADIUS
RM	MANHOLE RIM ELEVATION (SOLID COVER)
RP	REDUCED PRESSURE BACKFLOW PREVENTER
RT	RIGHT OF WAY
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SG	SUBGRADE ELEVATION
SP	FIRE SPRINKLER SERVICE
SS	SANITARY SEWER
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
S/W	SIDEWALK
T	TELEPHONE
TC	TOP OF CURB
TD	TRENCH DRAIN
TDDB	TRENCH DRAIN CATCH BASIN
TP	TELEPHONE POLE
TRW	TOP OF RETAINING WALL
TSW	TOP OF SEAT WALL
TW	TOP OF WALK ELEVATION
U	UTILITY
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
VCP	VITRIFIED CLAY PIPE
W	WATER
W/	WITH
W/O	WITHOUT
WV	WATER VALVE

LEGEND

NOTE: NOT ALL SYMBOLS MAY BE USED ON THESE PLANS.

PROPOSED GRADING & DRAINAGE SYMBOLS:

	8" SD	STORM DRAIN LINE (SIZE AND FLOW SHOWN)
		STORM DRAIN MANHOLE (SDMH)
		CATCH BASIN (CB)
		DROP INLET (DI)
		AREA DRAIN (AD)
		PLANTER DRAIN (PD) OR FLOOR DRAIN (FD)
		STORM DRAIN CLEANOUT
	99.99	ELEVATION
	FF=100.00	FINISHED FLOOR ELEVATION
	PAD=99.33	BUILDING PAD ELEVATION
		CONCRETE SIDEWALK
		GRADED DIRECTION FOR DRAINAGE FLOW
		SWALE
		SLOPE
		TREE TO BE REMOVED
		RETAINING WALL

PROPOSED SANITARY SEWER SYMBOLS:

	6" SS	SANITARY SEWER LINE (SIZE AND FLOW SHOWN)
		SANITARY SEWER MANHOLE (SSMH)
		SEWER CLEANOUT FLUSHER BRANCH

PROPOSED WATER SYMBOLS:

	8" W	WATER LINE & SIZE
	8" FS	FIRE LINE & SIZE
	8" DW	DOMESTIC WATER LINE & SIZE
	8" RW	RECLAIMED WATER LINE & SIZE
	8" IRR	IRRIGATION SERVICE LINE & SIZE
	8" NP	NON POTABLE WATER LINE & SIZE
	8" SP	FIRE SPRINKLER SERVICE LINE & SIZE
		GATE VALVE
		WATER METER
		FIRE HYDRANT ASSEMBLY
		FIRE DEPARTMENT CONNECTION
		DETECTOR CHECK VALVE
		DOUBLE DETECTOR CHECK VALVE
		REDUCED PRESSURE BACKFLOW PREVENTER
		BUTTERFLY VALVE
		AIR RELEASE VALVE + SIZE
		BLOW-OFF VALVE + SIZE
		POST INDICATOR VALVE

DEMOLITION GENERAL NOTES

- IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
- NO BURNING OR BLASTING SHALL BE PERMITTED.
- ADDITIONAL DEMOLITION INFORMATION MAY BE SHOWN ON THE GRADING, DRAINAGE, AND UTILITY PLANS, AND THOSE PLANS PREPARED BY OTHER DISCIPLINES FOR THIS PROJECT.
- ALL DEMOLISHED ITEMS SHALL BE DISPOSED OF OFFSITE AT A SUITABLE, LEGAL, DUMP SITE OR OTHER FACILITY.
- ALL DISPOSED OF MATERIALS SHALL BE RECYCLED IF POSSIBLE.
- THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN IN THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF UNDERGROUND SERVICE ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2600, OR 811.
- THE SCHOOL DISTRICT SHALL HAVE SALVAGE RIGHTS TO ANY DEMOLISHED ITEMS SHOWN HEREON. THE CONTRACTOR SHALL GIVE THE DISTRICT NOTICE 7 DAYS PRIOR TO THE START OF DEMOLITION. THE DISTRICT SHALL MOVE ANY RETAINED ITEMS OUT OF THE CONTRACTORS WORK AREA, UNLESS ANOTHER ARRANGEMENT IS MADE WITH THE CONTRACTOR. ANY REMAINING ITEMS BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ANY ITEMS NOT SHOWN FOR REMOVAL SHALL REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION TO A REASONABLE EXTENT.
- EXISTING UTILITY STRUCTURES IN AREAS OF NEW PAVING SHALL BE REMOVED, REPLACED AND REINSTALLED AT INEA GRADE UNLESS SPECIFICALLY NOTED OTHERWISE.
- ITEMS OUTSIDE THE LIMITS OF DEMOLITION SHALL REMAIN AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- CONTRACTOR SHALL COMPLY WITH CHAPTER 33 OF THE 2022 CFC, "FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION" AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR SHALL HIRE A UTILITY LOCATING COMPANY AND SHALL SCAN THE ENTIRE AREA WITHIN THE LIMITS OF NEW WORK. ALL UTILITIES LOCATED SHALL BE MARKED AND PROTECTED DURING THE LIMING OPERATIONS AS WELL AS ANY EXCAVATING TASKS. ANY UTILITY DAMAGED WITHIN THE LIMITS OF WORK WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.
- ALL DEMOLITION SHALL BE APPROPRIATELY SUPPORTED AND REINFORCED DURING REMOVAL TO PREVENT INJURY FROM FALLING, PROJECTILE, OR OTHERWISE MOVING DEBRIS OR OTHER DELETERIOUS MATERIAL, ON-SITE SAFETY WITHIN THE LIMITS OF WORK IS THE CONTRACTORS SOLE RESPONSIBILITY.
- SAWCUTS AND SUBSEQUENT PATCH BACK OF CONCRETE WALKS, SHALL BE TO THE EXISTING CONCRETE JOINT BEYOND NEAREST THE LOCATION OF DEMOLITION AS SHOWN. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE, SHOW AND COORDINATE WITH EXISTING JOINTS, HOWEVER IF FIELD CONDITIONS ARE OTHERWISE, IT IS UNDERSTOOD TO REMOVE AND PATCH BACK TO THE NEAREST JOINTS BEYOND DEMOLITION.
- CONTRACTOR SHALL AVOID DAMAGE TO EXISTING PLANTING AND IRRIGATION ALONG EDGES OF DEMOLITION AND NEW PAVEMENT. CONTRACTOR SHALL REPAIR ANY DAMAGE, TO INCLUDE NEW IRRIGATION LINES, NEW HEADS, NEW BARK/MULCH AND NEW SOD TURF WHERE NECESSARY.

UTILITY VERIFICATION NOTE

PRIOR TO THE START OF CONSTRUCTION, VERIFY AND POTHOLE ALL UTILITY POINTS OF CONNECTION FOR LOCATION, DEPTH, AND SIZE. IF CONFLICT IS FOUND, CONTACT THE ENGINEER IMMEDIATELY FOR DIRECTION.

IRRIGATION DEMOLITION NOTE

WITHIN LANDSCAPE AREAS TO BE DEMOLISHED THERE MAY BE EXISTING IRRIGATION LINES NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL REMOVE LATERAL LINES AND HEADS ENCOUNTERED. MAIN LINES AND CONTROL WIRES MAY ONLY BE REMOVED PROVIDED THAT ROUTING IS KNOWN AND REMOVAL WILL NOT DEACTIVATE AN IRRIGATION SYSTEMS INTENDED TO REMAIN. IF CONFLICT IS FOUND, CONTACT THE ENGINEER FOR DIRECTION.

GENERAL NOTES

- THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY MEMBERS OF UNDERGROUND SERVICE ALERT (USA) TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING TOLL FREE 1-800-227-2600, OR 811.
- WARREN CONSULTING ENGINEERS, INC. (WCE) ASSUMES NO RESPONSIBILITY FOR ERRORS IN PHYSICAL LOCATION OF IMPROVEMENTS, HORIZONTAL OR VERTICAL. IF STAKED BY OTHERS, IN ADDITION, ANY SUCH ERRORS IN PHYSICAL LOCATION MAY AFFECT THE INTENDED DESIGN OF SUCH IMPROVEMENTS AND WCE CANNOT BE HELD RESPONSIBLE FOR SUCH CONDITIONS WHICH ARE A RESULT OF ERRORS IN SURVEYING, OR IMPROPER CONSTRUCTION.
- IF SUBSURFACE CULTURAL RESOURCES, REMAINS, AND/OR ARTIFACTS ARE UNCOVERED DURING PROJECT CONSTRUCTION, ALL WORK IN THE VICINITY SHALL BE STOPPED UNTIL SUCH ITEMS CAN BE ASSESSED BY AN APPROPRIATE MEMBER OF THE COUNTY ENVIRONMENTAL IMPACT SECTION STAFF.
- CONTRACTOR AGREES THAT HE/SHE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- THE CONTRACTOR SHALL OBTAIN AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR ALL EXCAVATIONS OF 5 FEET OR MORE IN DEPTH.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ALL NECESSARY PRE-BID AND PRE-CONSTRUCTION SITE INSPECTION, AND/OR OBSERVATIONS ON THE SITE TO PRE-DETERMINE ALL HIS/HER MEANS AND METHODS NECESSARY TO COMPLETE THE IMPROVEMENTS SHOWN ON THESE PLANS AND PER THE PROJECT SPECIFICATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE, AND INCLUDE IN HIS/HER CONTRACT, ALL MEANS AND METHODS NECESSARY TO PERFORM A COMPLETE AND ACCEPTABLE JOB.
- WHERE IMPROVEMENTS LIE WITHIN AN EXISTING DEVELOPED AREA, CONTRACTOR SHALL USE CAUTION WHEN ACCESSING THE SITE THROUGH THESE EXISTING IMPROVEMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO PROTECT ANY SUCH EXISTING IMPROVEMENTS OUTSIDE THE PROJECT BOUNDARY, OR EXISTING IMPROVEMENTS WITHIN THE BOUNDARY WHICH ARE TO REMAIN. PROPER PRECAUTIONS SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP DETAILED RECORDS OF MINOR CHANGES OR ADJUSTMENTS MADE DURING CONSTRUCTION (WHICH WERE NOT FORMALLY ISSUED). UPON PROJECT COMPLETION, THESE RECORDS AND/OR INFORMATION SHALL BE PROVIDED TO THE OWNER AND WARREN CONSULTING ENGINEERS, INC. UNLESS AN OFFICIAL "AS-BUILT" SET OF PLANS IS A REQUIREMENT OF THE CONTRACT. IF AS-BUILT PLANS ARE A REQUIREMENT OF THE CONTRACT, REFER TO SPECIFICATIONS FOR AS-BUILT DELIVERABLE REQUIREMENTS.
- IN VEHICULAR PATHWAYS, EXISTING ASPHALTIC AND/OR CONCRETE SURFACES SHALL BE CUT TO A NEAT AND STRAIGHT LINE, PARALLEL OR PERPENDICULAR TO THE VEHICULAR TRAVELED PATH. THIS IS TYPICALLY THE ROADWAY CENTERLINE, BUT MAY VARY. THAT SAWCUT EDGE SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION SO A CLEAN EDGE REMAINS FOR PATCH BACK. IF EDGE IS DAMAGED, A NEW SAW CUT WILL BE REQUIRED. THE EXPOSED EDGE SHALL BE "TACKED" WITH EMULSION PRIOR TO PAVING.
- NO BURNING OR BLASTING SHALL BE ALLOWED ON-SITE UNLESS SPECIFICALLY ADDRESSED ON PLANS, OR SPECIFICALLY APPROVED AND COORDINATED WITH THE ARCHITECT, ENGINEER, AND LOCAL AGENCY OR OTHER ADMINISTRATIVE AUTHORITY.
- SUBGRADE AND RESULTING FINISHED GRADE SHALL BE CONSTRUCTED SMOOTH AND UNIFORM BETWEEN SPOT ELEVATIONS, CONTOURS OR OTHER STRUCTURE ELEVATIONS SHOWN ON GRADING OR OTHER PLANS, NO MOUNDS, RUTS, DEPRESSIONS OR OTHER GRADING DEFICIENCIES WILL BE ALLOWED UNLESS SPECIFICALLY SHOWN ON PLANS.
- CURING COMPOUND SHALL BE APPLIED IN A CONTINUOUS SOLID WET FLOWING COAT. ANY "SPOTTY" APPLICATIONS SHALL BE RECOATED IMMEDIATELY. APPLICATION SHALL BE INSPECTED BY PROJECT INSPECTOR DURING APPLICATION.
- EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE ADDITIONAL SCORE OR EXPANSION JOINTS TO PREVENT UNCONTROLLED CRACKING. THOSE ADDITIONAL JOINTS MAY OR MAY NOT BE SPECIFICALLY SHOWN ON PLANS BUT SHALL BE PROVIDED BY THE CONTRACTOR.
- EMBEDMENT OF FEATURES IN CONCRETE PAVING, CURBS, OR WALLS, SUCH AS SQUARE OR ROUND TUBING, POSTS, OR COLUMNS, STEEL BOLTED PLATES, OR OTHER STRUCTURES, SHALL REQUIRE A MINOR ADJUSTMENT OF REBAR WITHIN CONCRETE TO ALLOW FOR SUCH STRUCTURE. THAT REBAR ADJUSTMENT MAY NOT BE SPECIFICALLY SHOWN ON PLANS.
- NO MORE THAN 1 GALLON OF WATER PER YARD OF CONCRETE CAN BE ADDED TO THE TRUCK AFTER ARRIVAL TO PROJECT SITE. THE ADDITION OF WATER CAN ONLY BE ADDED UNDER THE SUPERVISION OF THE CONCRETE INSPECTOR OR LABORATORY TECHNICIAN.
- WHEN PUMPING CONCRETE FOR PLACEMENT, ABSOLUTELY NO WATER IS TO BE ADDED TO PUMP HOPPER. ANY WATER ADDED TO HOPPER WILL BE REASON FOR CONCRETE REJECTION AT THE CONTRACTORS EXPENSE.
- ALL CONSTRUCTION/CONSTRUCTION JOINTS "CJ" SHALL BE 1/4 THE SLAB THICKNESS DEEP, BUT NO LESS THAN 1" FOR CONTROL OF CRACKING. CONTRACTOR SHALL EXERCISE CAUTION WHEN FINAL TROWELING OF CONCRETE SO AS NOT TO FILL IN THESE JOINTS WITH CONCRETE CREAM. ANY CRACKS INSIDE OF JOINTS WHICH WERE CONSTRUCTED LESS THAN 1" DEEP, SHALL BE CAUSE FOR CONCRETE SLAB(S) TO BE REMOVED AND REPLACE AT CONTRACTORS EXPENSE.
- ANY SCREED BOARDS SET WITHIN CONCRETE SLABS SHALL BE AN "OVERHEAD SCREED" SO THERE IS NO INTERFERENCE WITH THE PLACEMENT AND ALIGNMENT OF SLAB REINFORCING.
- 3-1/2" FELT JOINTS WILL NOT BE ACCEPTED. PROVIDE A FULL 4" FELT JOINT FOR 4" SLAB CONSTRUCTION, AND A 6" FELT JOINT FOR A 6" SLAB CONSTRUCTION.
- SHOULD ANY SHRINKAGE CRACKS OCCUR OUTSIDE OF EITHER THE EXPANSION JOINTS OR CRACK CONTROL JOINTS, THEN THE CONCRETE SLAB SHALL BE SAWCUT AT THE NEAREST JOINTS ON EACH SIDE OF THE CRACK AND THE CONCRETE SECTION SHALL BE, REMOVED AND REPLACED. NEW CONCRETE SHALL BE DOWELED INTO EXISTING CONCRETE PER DRAWING DETAIL.
- ALL AREAS DISTURBED BY GRADING OPERATIONS WHETHER SHOWN ON THE DRAWINGS OR NOT SHALL BE HYDRO SEEDED UNLESS OTHERWISE NOTED. HYDRO SEEDING SHALL CONFORM TO LOCAL CITY/COUNTY STANDARDS.
- REPAIR OR PATCHING OF GALVANIZED METALS, SUCH AS AFTER WELDING GALVANIZED COMPONENTS, SHALL BE MADE USING A ZINC COMPOSITION "HOT STICK" APPLICATION PER ASTM A 780-01. GALVANIZING PAINTS WILL NOT BE ALLOWED.

GENERAL PAVING SURFACE NOTES:

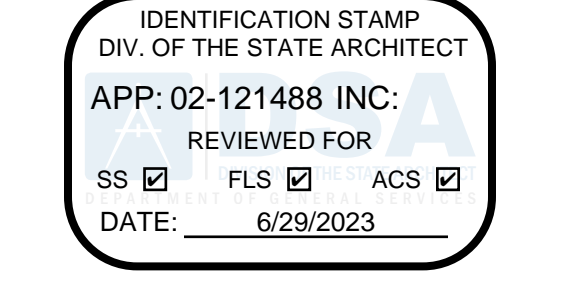
- PROVIDE EQUIVALENT OF MEDIUM BROOM FINISH AT SLOPES UP TO 5.99% TYPICAL. PROVIDE EQUIVALENT OF HEAVY BROOM FINISH AT SLOPES 6% AND GREATER. REFER TO SPECIFICATIONS.
- ALL NEW PEDESTRIAN WALKWAYS (NON-RAMP) SHALL BE SLOPED NO GREATER THAN 2.0% AND NO LESS THAN 0.75% IN ANY DIRECTION, UNLESS SPECIFICALLY LABELED OTHERWISE. ALL CONCRETE SHALL MEET THE FOLLOWING SLOPE REQUIREMENTS:
 - NO GREATER THAN 5% SLOPE IN THE DIRECTION OF TRAVEL.
 - NO GREATER THAN 2% SLOPE CROSSING THE DIRECTION OF TRAVEL.
 - NO GREATER THAN 2% SLOPE IN ANY DIRECTION IN COURTYARD OR PLAZA AREAS.
- ALL IMPERVIOUS SURFACES ADJACENT TO BUILDINGS REQUIRE A 1% MIN. AND 2% MAX SLOPE AWAY FROM THE BUILDING.



SHEET INDEX

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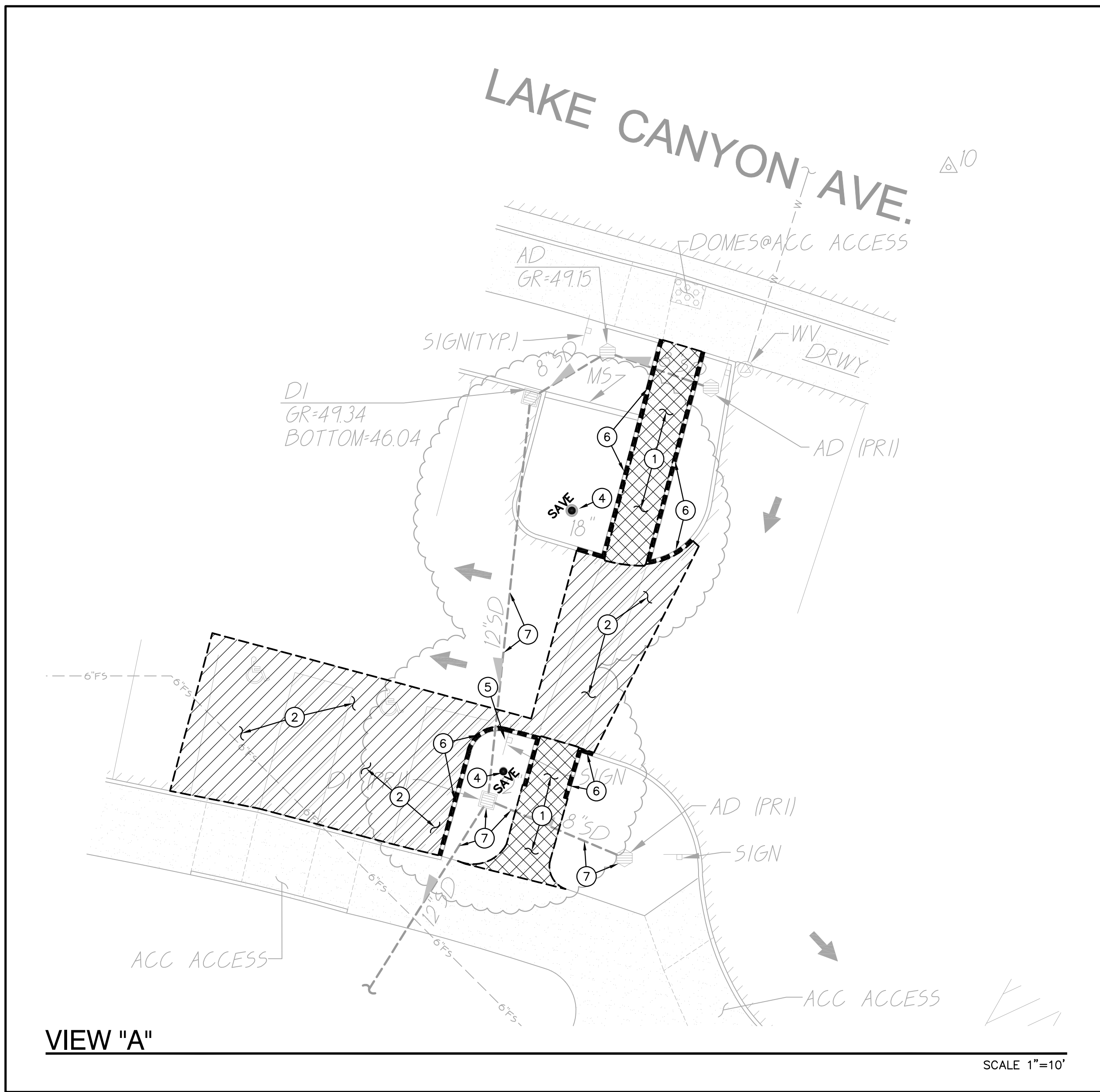
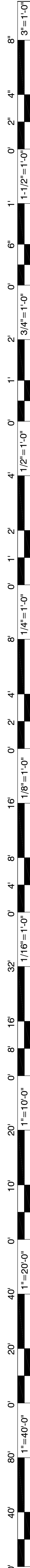
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CIVIL GENERAL NOTES AND ABBREVIATIONS

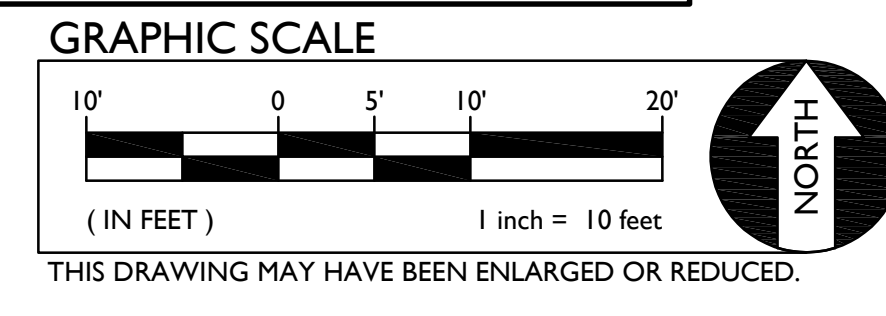
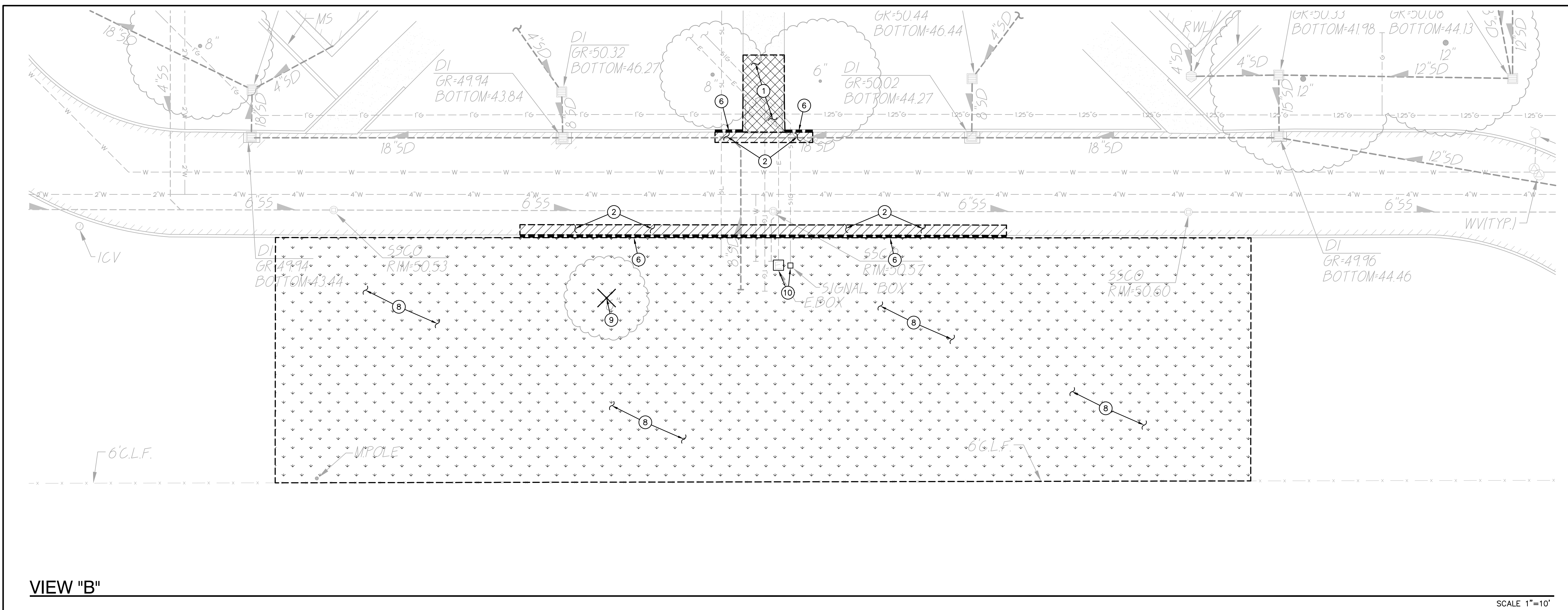
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C0.1



- DEMOLITION NOTES**
- SAWCUT, REMOVE AND DISPOSE OF EXISTING CONCRETE PAVING AND ASSOCIATED AGGREGATE BASE. SAWCUT SHALL BE A NEAT STRAIGHT LINE, MAINTAIN CLEAN, STRAIGHT CUT EDGE UNTIL NEW PAVING IS PLACED.
 - SAWCUT, REMOVE AND DISPOSE OF EXISTING ASPHALT PAVING AND ASSOCIATED AGGREGATE BASE. SAWCUT SHALL BE A NEAT STRAIGHT LINE, MAINTAIN CLEAN, STRAIGHT CUT EDGE UNTIL NEW PAVING IS PLACED.
 - EXISTING TREE TO BE PROTECTED IN PLACE.
 - EXISTING SIGN TO BE PROTECTED IN PLACE.
 - REMOVE AND DISPOSE OF EXISTING CONCRETE CURB.
 - EXISTING STORM DRAIN AND INLETS TO BE PROTECTED IN PLACE.
 - REMOVE AND DISPOSE OF EXISTING LANDSCAPING, TURF AND ASSOCIATED IRRIGATION PIPING/SPRINKLERS WITHIN AREAS OF WORK. CUT AND CAP ANY MAINLINES NEAR WHERE THEY ENTER THE BOUNDARY OF THE PROJECT. MARK ALL CAPPED LINES WITH AN IRRIGATION VALVE BOX. ALL EXISTING IRRIGATION AREAS OUTSIDE THE PROJECT WORK AREA SHALL BE PRESERVED AND OPERATIONAL. INTEGRITY SHALL BE MAINTAINED WITH PROPER SPRINKLER COVERAGE TO TURF AREAS TO REMAIN.
 - REMOVE AND DISPOSE OF EXISTING TREE, TRUNK AND ASSOCIATED ROOTS.
 - REMOVE EXISTING UTILITY BOX AND/OR FRAME AND COVER AND PROVIDE NEW. NEW BOX SHALL BE SIMILAR IN SIZE, BUT WITH TRAFFIC RATING AND SLIP RESISTANT COVER.



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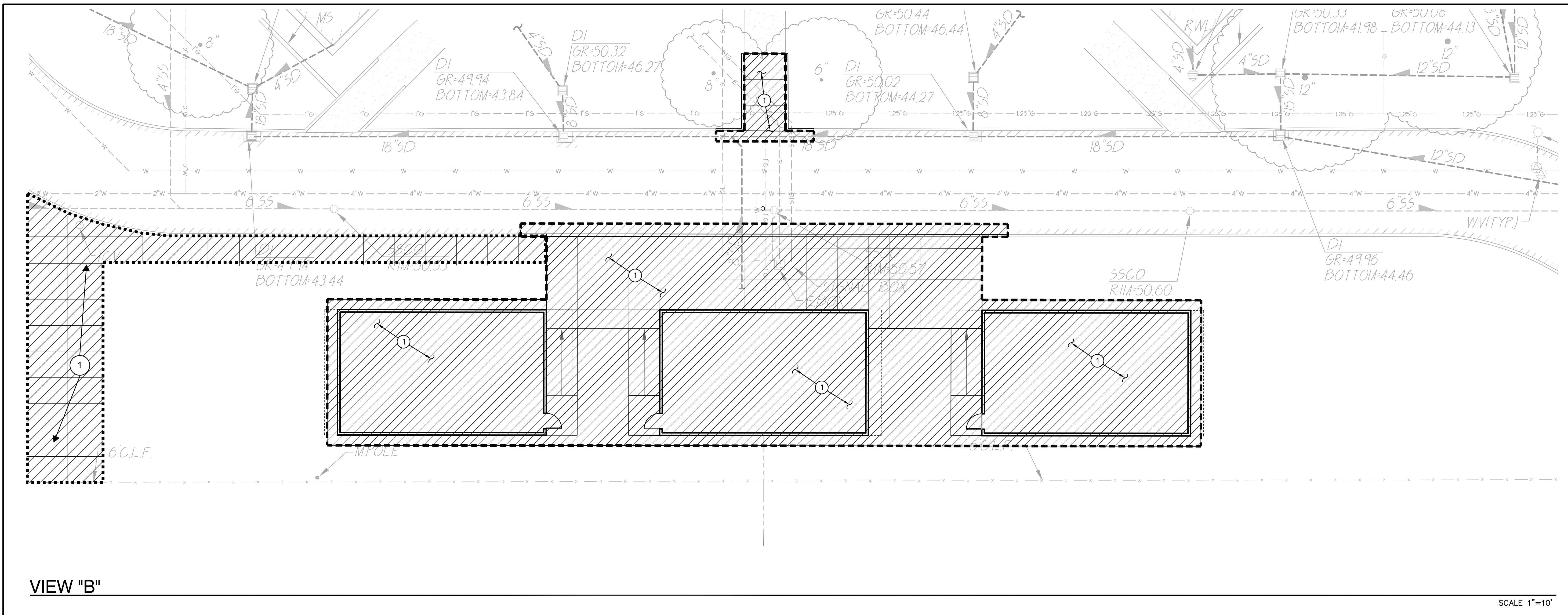
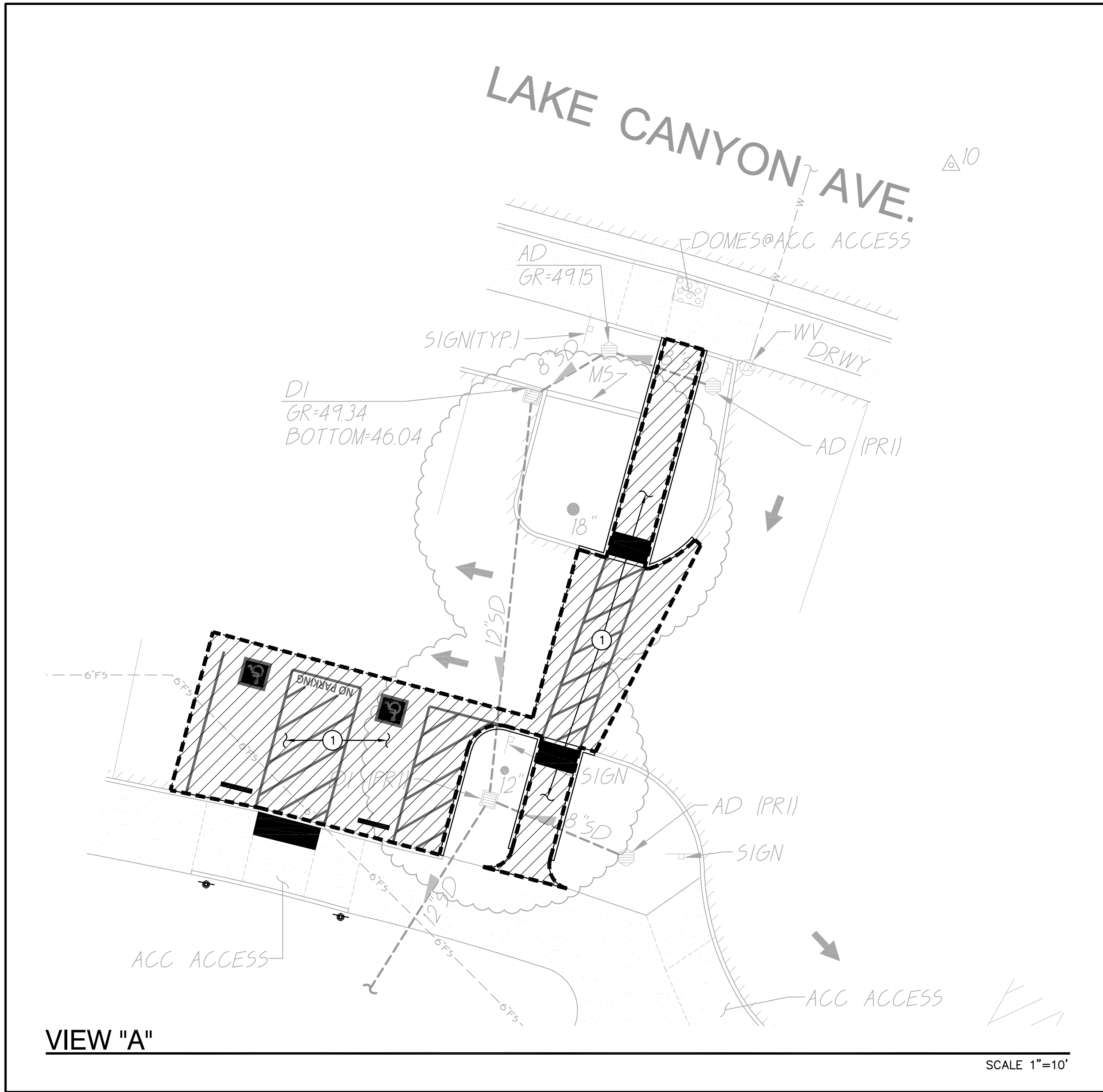
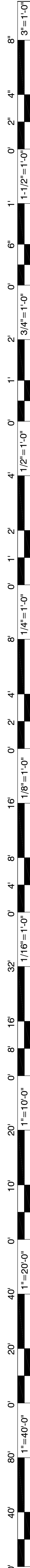
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SHEET TITLE:
DEMOLITION PLAN

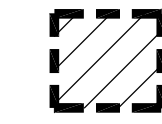
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SUBGRADE PREPARATION

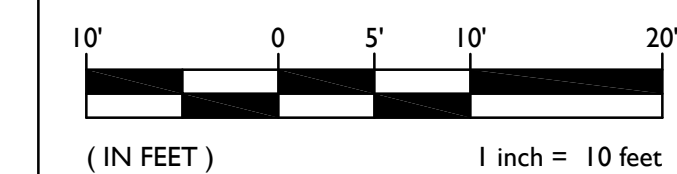


1. FOLLOWING SITE DEMOLITION ACTIVITIES,
 FOR AREAS TO BE CUT TO ACHIEVE SUBGRADE, EXCAVATE DOWN TO ROUGH SUBGRADE ELEVATION. SCARIFY THE EXISTING SOILS TO A MINIMUM DEPTH OF 12 INCHES AND UNIFORMLY MOISTURE CONDITION TO 1-3 PERCENT ABOVE OPTIMUM MOISTURE CONTENT AND COMPACT TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.
 FOR AREAS TO BE FILLED TO ACHIEVE SUBGRADE, SCARIFY EXPOSED SOILS TO A MINIMUM DEPTH OF 12 INCHES AND UNIFORMLY MOISTURE CONDITION TO AT 1-3 PERCENT ABOVE OPTIMUM MOISTURE CONTENT AND COMPACT TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557. FILL MATERIAL SHALL BE PLACED IN LEVEL LAYERS NOT EXCEEDING 8 INCHES IN UNCOMPACTED THICKNESS. FILL SHALL BE COMPACTED TO AT LEAST 90 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D1557.
 THE UPPER 12 INCHES OF SUBGRADE SUPPORTING ASPHALT PAVING SHALL BE COMPACTED TO 95 PERCENT OF THE MAXIMUM DRY DENSITY.
 SUBGRADE PREPARATION SHALL EXTEND AT LEAST 2 FEET BEYOND EDGE OF PROPOSED ASPHALT AND CONCRETE PAVING WHEN NOT ABUTTING EXISTING PAVING..

GENERAL NOTES

1. IN THE EVENT THAT ANY UNUSUAL CONDITIONS NOT COVERED BY THE GEOTECHNICAL INVESTIGATION REPORT OR ARE ENCOUNTERED DURING GRADING OPERATIONS THE GEOTECHNICAL ENGINEER AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTIONS.
2. NO BURNING SHALL BE PERMITTED.
3. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLAN WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, WARREN CONSULTING ENGINEERS CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL NOTIFY THE DISTRICT TWO (2) WORKING DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK IN ORDER TO VERIFY TO THE GREATEST EXTENT POSSIBLE THE EXISTING UTILITY LINES, CONFLICTS AND PROPOSED UTILITY CONNECTION POINTS.

GRAPHIC SCALE



THIS DRAWING MAY HAVE BEEN ENLARGED OR REDUCED.

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SHEET TITLE:
ENGINEERED FILL PLAN

CONSTRUCTION DOCUMENTS

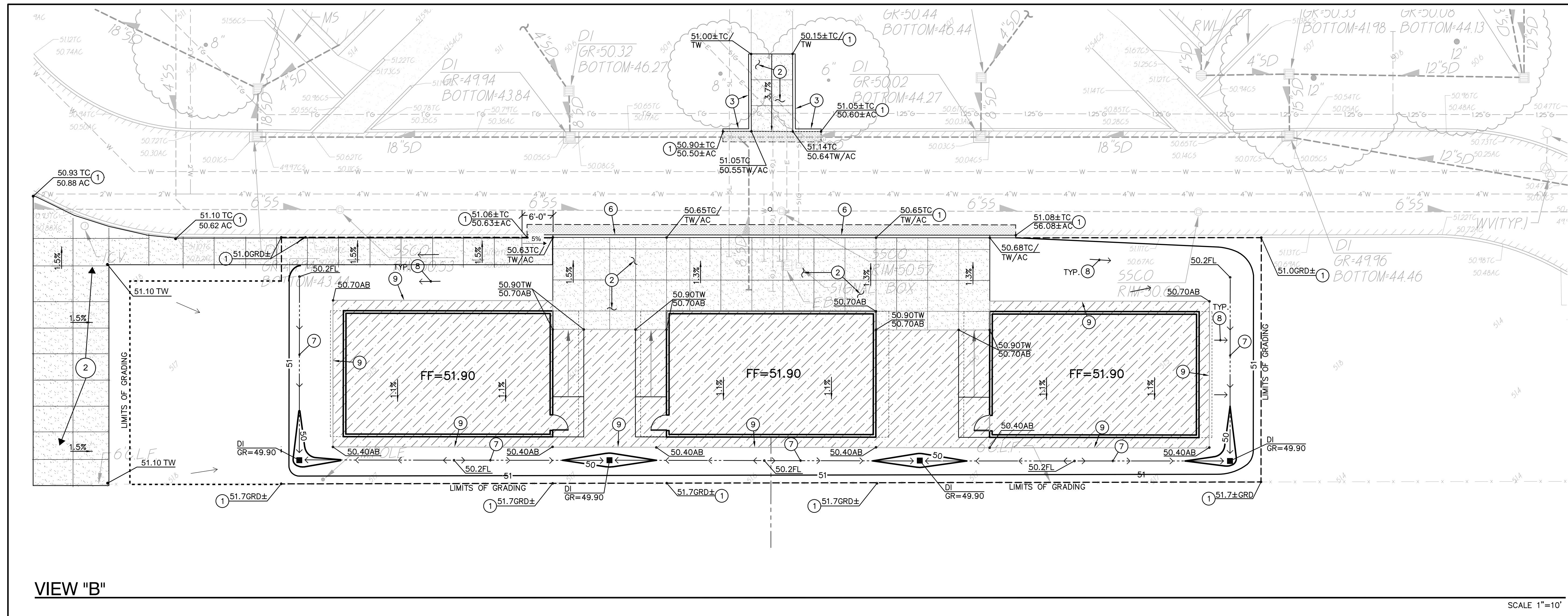
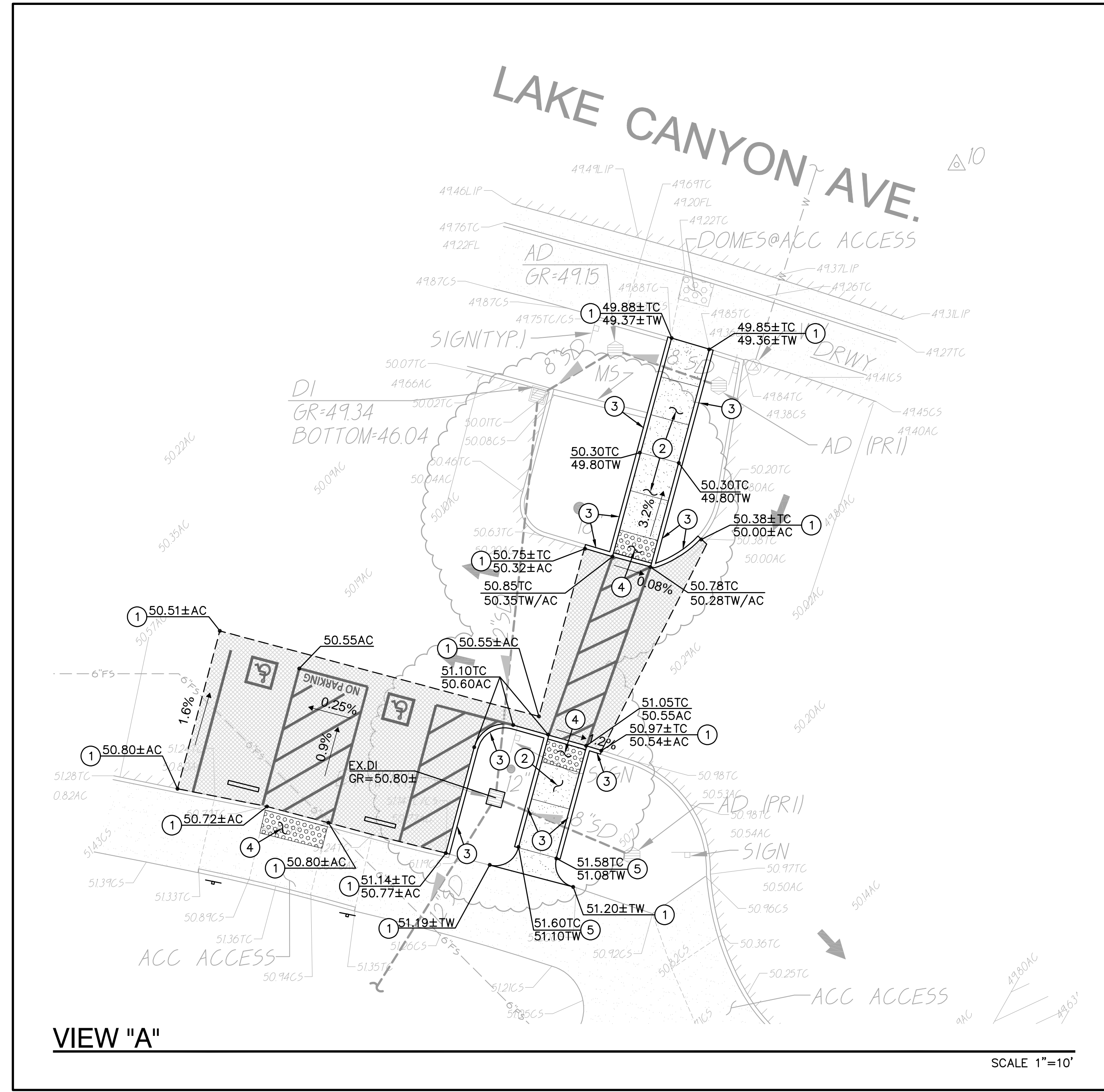
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PROJECT # SHEET #
C1.2

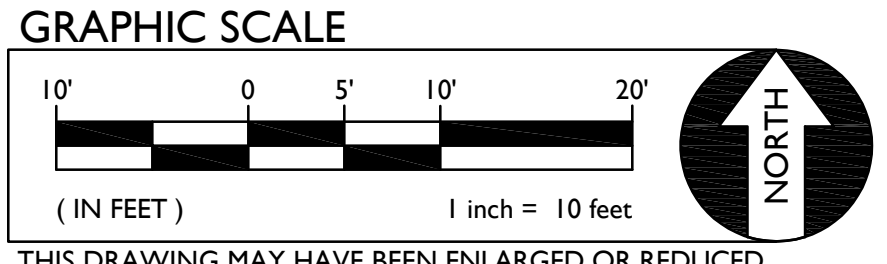
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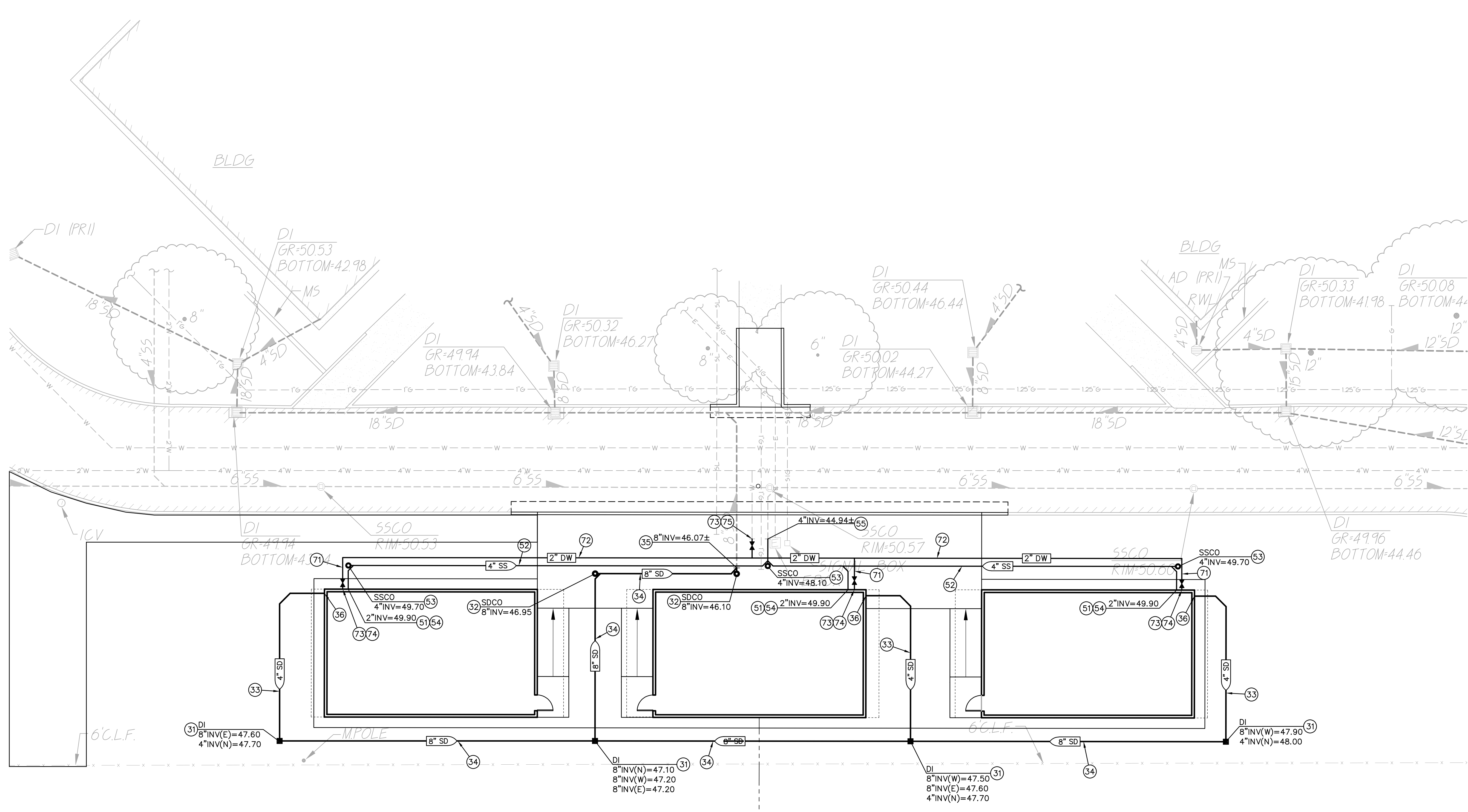
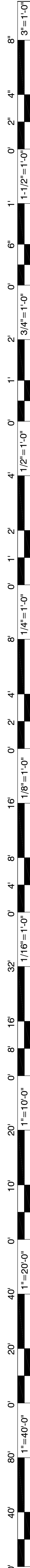
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- GRADING NOTES**
- 1. MATCH EXISTING GRADE/ELEVATION.
 - 2. CONSTRUCT CONCRETE SIDEWALK PER (1) C6.1
 - 3. CONSTRUCT CONCRETE CURB PER (2) C6.1
 - 4. PLACE TRUNCATED DOMES PER (3) C6.1
 - 5. TAPER LAST 6" OF CURB AT 45° TO FLUSH WITH PAVING.
 - 6. CONSTRUCT FLUSH CONCRETE CURB PER (4) C6.1
 - 7. CONSTRUCT SWALE.
 - 8. GRADE UNIFORMLY.
 - 9. PLACE HEADER BOARD AT PORTABLE PAD PER (5) C6.1

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DRAINAGE NOTES

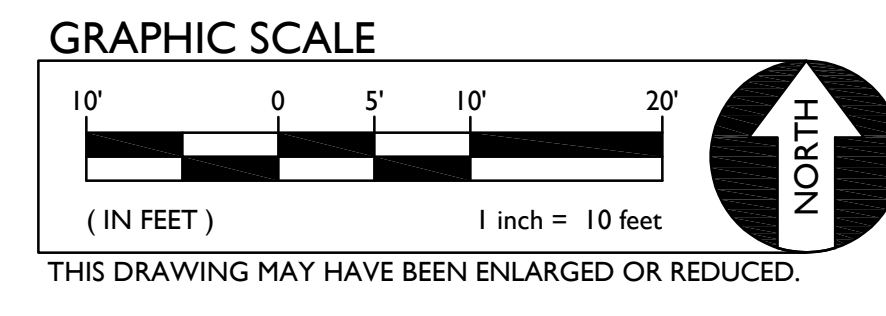
- 31. CONSTRUCT DROP INLET PER $\frac{6}{C6.1}$
- 32. CONSTRUCT STORM DRAIN CLEANOUT PER $\frac{7}{C6.1}$
- 33. PLACE 4" STORM DRAIN PER $\frac{8}{C6.1}$
- 34. PLACE 8" STORM DRAIN PER $\frac{9}{C6.1}$
- 35. CONNECT TO EXISTING STORM DRAIN. FIELD VERIFY EXACT DEPTH, LOCATION AND CONDITION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
- 36. PROVIDE DOWNSPOUT CONNECTION PER $\frac{9}{C6.1}$

SEWER NOTES

- 51. PLACE 2" SEWER PER $\frac{8}{C6.1}$
- 52. PLACE 4" SEWER PER $\frac{8}{C6.1}$
- 53. CONSTRUCT SEWER CLEANOUT PER $\frac{7}{C6.1}$
- 54. CONNECT TO BUILDING SEWER SERVICE. COORDINATE EXACT LOCATION AND DEPTH AT BUILDING PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
- 55. CONNECT TO EXISTING SEWER. FIELD VERIFY EXACT DEPTH, AND LOCATION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.

DOMESTIC WATER NOTES

- 71. PLACE 1" WATER PIPE PER $\frac{10}{C6.1}$
- 72. PLACE 2" WATER PIPE PER $\frac{10}{C6.1}$
- 73. PLACE GATE VALVE AND VALVE BOX. SIZE TO MATCH $\frac{11}{C6.1}$ LINE SIZE.
- 74. CONNECT TO BUILDING DOMESTIC WATER SERVICE. COORDINATE EXACT LOCATION AND DEPTH AT BUILDING PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.
- 75. CONNECT TO EXISTING WATER LINE. FIELD VERIFY EXACT DEPTH AND LOCATION PRIOR TO TRENCHING. PROVIDE ALL FITTINGS NECESSARY TO MAKE CONNECTION.



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SHEET TITLE:
UTILITY PLAN

CONSTRUCTION DOCUMENTS

Revision Schedule		
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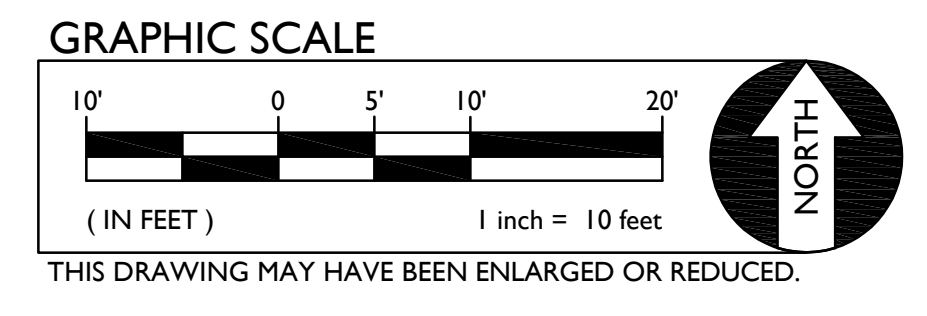
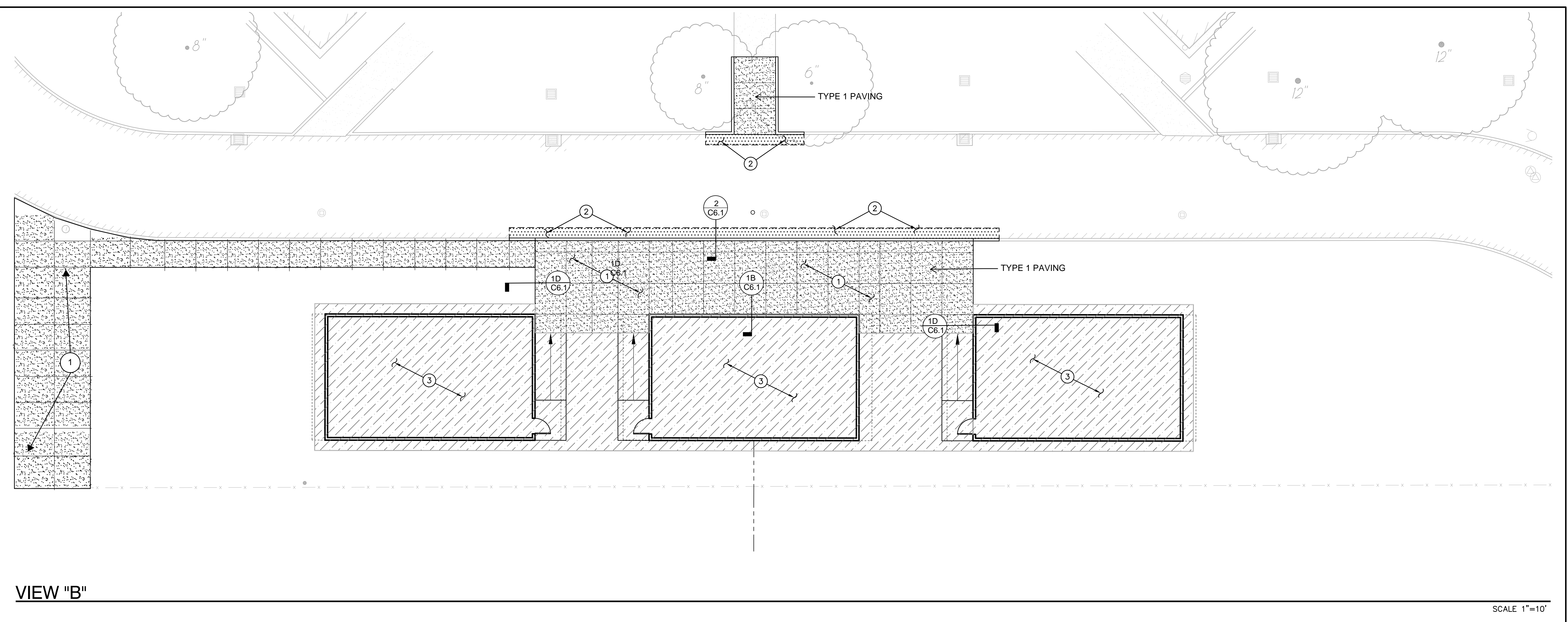
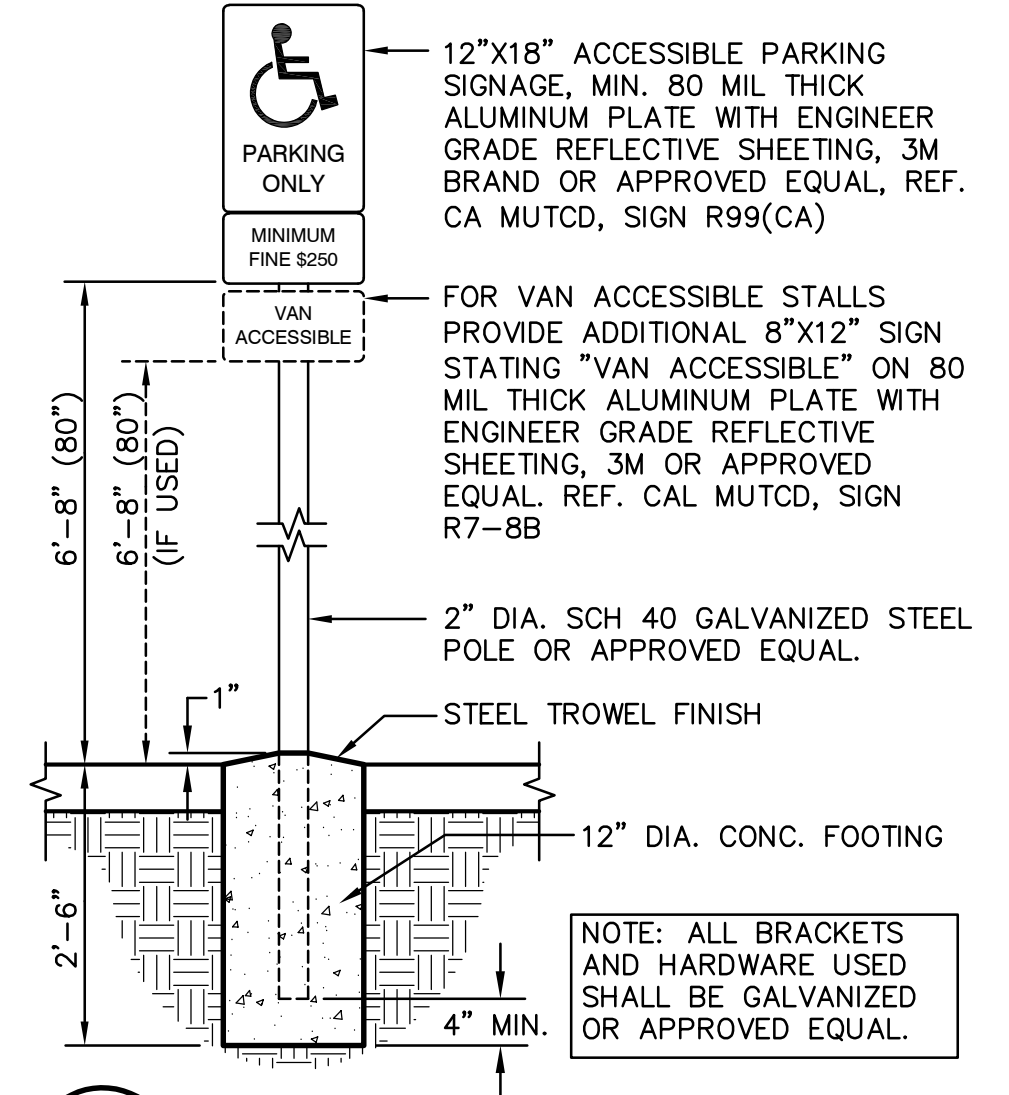
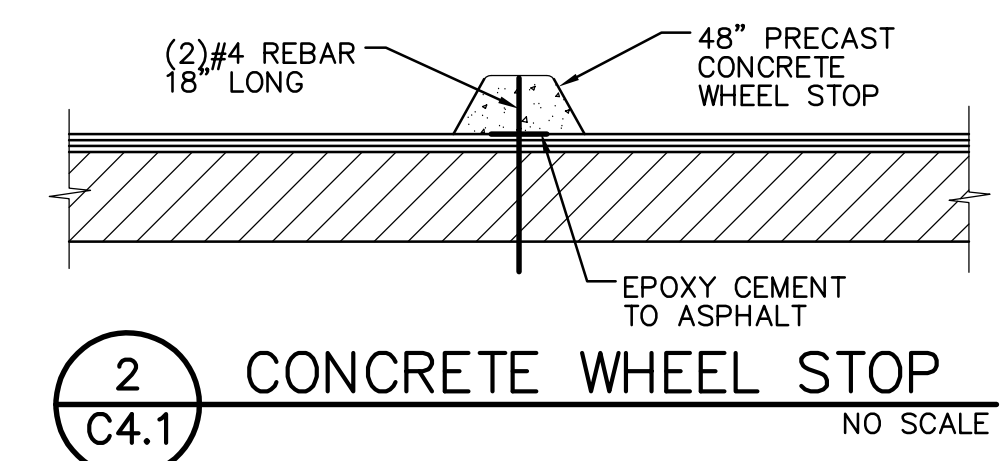
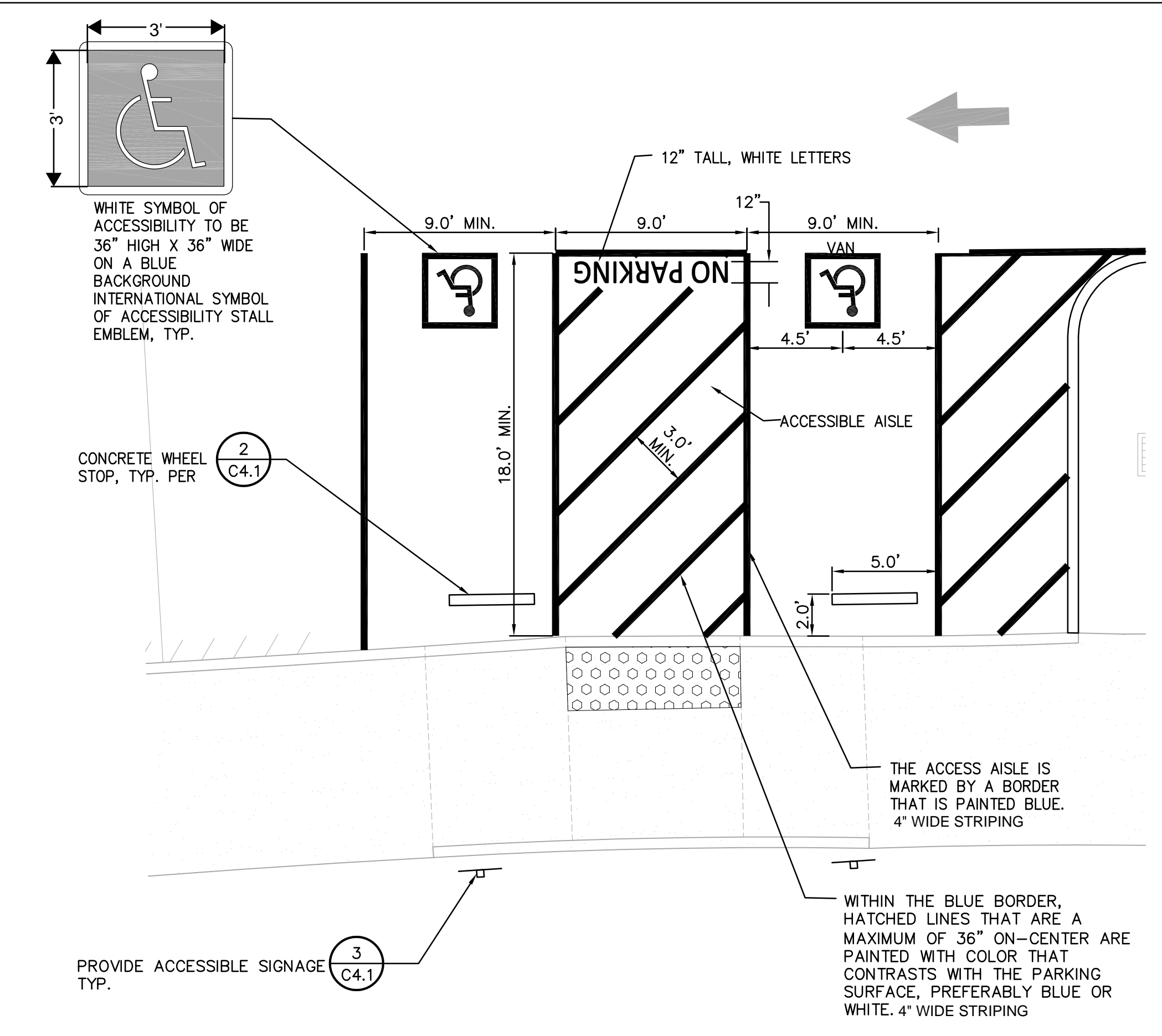
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 6"=1'-0"
 8"=1'-0"
 12"=1'-0"
 18"=1'-0"
 24"=1'-0"
 36"=1'-0"
 48"=1'-0"
 72"=1'-0"
 108"=1'-0"



- PAVING GENERAL NOTES:**
- ASPHALT MIX SHALL MEET CALTRANS SPECIFICATIONS FOR TYPE B ASPHALTIC CONCRETE. REFERENCE CALTRANS SPECIFICATION SECTION 39, AND PROJECT SPECIFICATIONS
 - AGGREGATE BASE SHALL MEET CALTRANS SPECIFICATIONS FOR CLASS II AGGREGATE BASE. REFERENCE CALTRANS SPECIFICATION SECTION 26 AND PROJECT SPECIFICATIONS
 - ALL AGGREGATE BASE SHALL BE MOISTURE CONDITIONED TO, OR SLIGHTLY ABOVE, OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95% RELATIVE COMPACTION.
 - RECYCLED ASPHALT MAY BE USED AS CONCRETE AND ASPHALT BASE MATERIAL PROVIDED IT MEETS CALTRANS SPECIFICATIONS FOR CLASS II AB, REFERENCE CALTRANS SPECIFICATION SECTION 26-1.02A.
 - PAVEMENT SUBGRADE PREPARATION, I.E. SCARIFICATION, MOISTURE CONDITIONING, AND COMPACTION SHALL BE PERFORMED AFTER:
 - POT HOLE ALL EXISTING UTILITIES
 - THE INSTALLATION OF UNDERGROUND UTILITIES AND TRENCHES BACKFILLED IN ACCORDANCE WITH THESE PLANS.
 - REFER TO GRADING PLANS FOR CURBS, CURB GUTTERS, VALLEY GUTTERS, AND OTHER CONCRETE STRUCTURES AND PAVING FEATURES NOT SPECIFICALLY NOTED ON THIS PLAN.
 - ADJUST TO FINISH GRADE ALL BOXES, FRAMES, COVERS SLEEVES, POST HOLES, GRATES, ETC. FOUND IN NEW ASPHALT OR CONCRETE PAVING AREAS, WHICH ARE NOT NOTED FOR REMOVAL. CLEAN/OR REPLACE AS NECESSARY TO ENSURE PROPER SEATING.

- PAVING LEGEND**
- TYPE 1 PAVING**
PLACE 5" PCC WITH #4 REBAR @ 24" O.C.E.W. OVER 4" CLASS II AB ON SUBGRADE COMPACTED PER SPECIFICATIONS.
 - TYPE 2 PAVING**
PLACE 3" AC OVER 4" CLASS II AB ON SUBGRADE COMPACTED PER SPECIFICATIONS.
 - TYPE 3 PAVING**
PLACE 12" CLASS 2 AGGREGATE BASE ON A TENSAR BX1100 GEOGRID ON SUBGRADE COMPACTED PER SPECIFICATIONS.

- STRIPING NOTES**
- PROVIDE ACCESSIBLE PARKING STRIPING PER 1, 2, 3
 - PROVIDE 4" WIDE WHITE DIAGONAL NO PARKING STRIPING AT 3' O.C.
 - PROVIDE 4" WIDE WHITE DIAGONAL CROSSWALK STRIPING AT 3' O.C.



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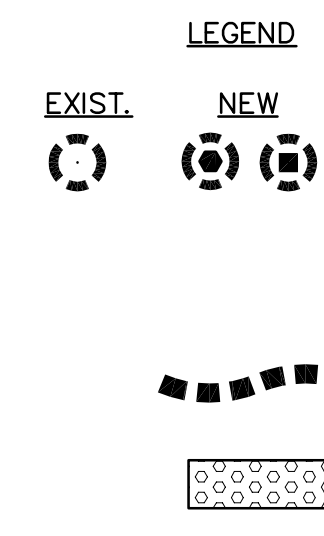
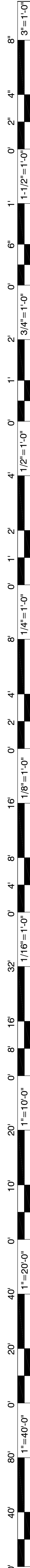
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PAVING AND STRIPING PLAN

CONSTRUCTION DOCUMENTS

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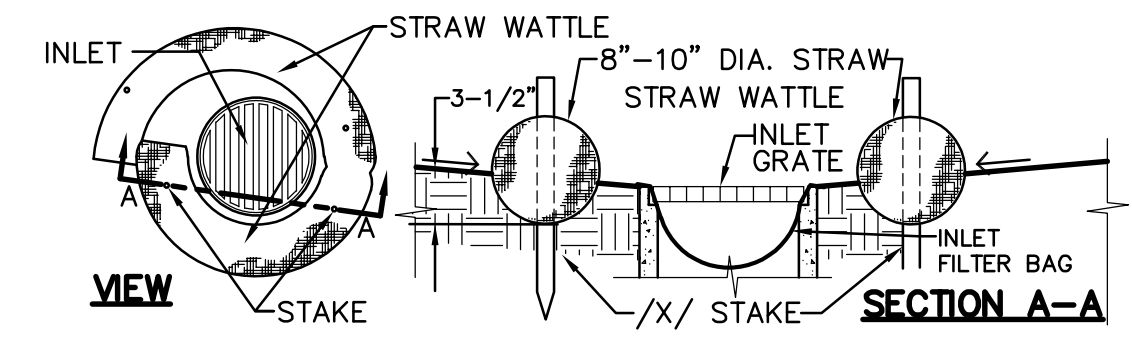


EROSION CONTROL NOTES

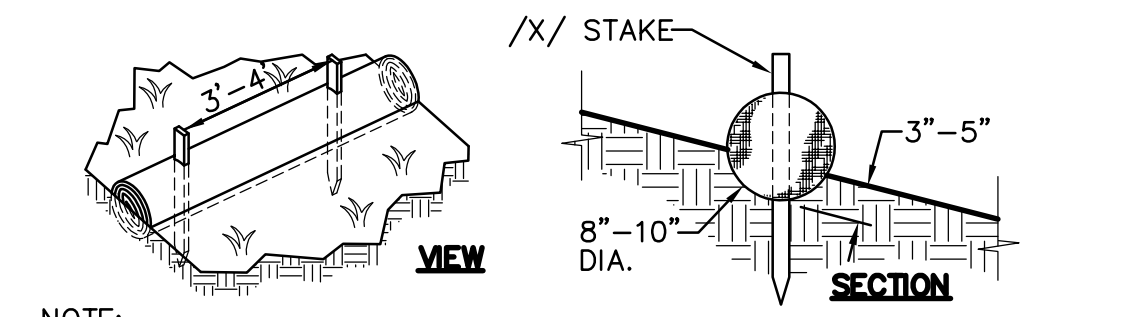
- NOTE: EXACT LOCATION WILL BE COORDINATED BY CONTRACTOR.
- CONTRACTOR SHALL PROVIDE STRAW WATTLE BARRIER AT ALL INLETS (NEW AND/OR EXIST.) IN AREAS OF ON-SITE WORK PER THE DETAIL PROVIDED. IN ADDITION TO WATTLE, PROVIDE FILTER BAG AT EACH INLET. STRAW WATTLES NOT REQUIRED AT INLETS IN PAVED AREAS, ONLY FILTER BAG.
 - CONTRACTOR SHALL PROVIDE STRAW WATTLES AT PERIMETER OF SITE PER DETAIL.
 - CONTRACTOR SHALL PROVIDE STABILIZED CONSTRUCTION SITE ACCESS PER DETAIL.

EROSION AND SEDIMENT CONTROL GENERAL NOTES

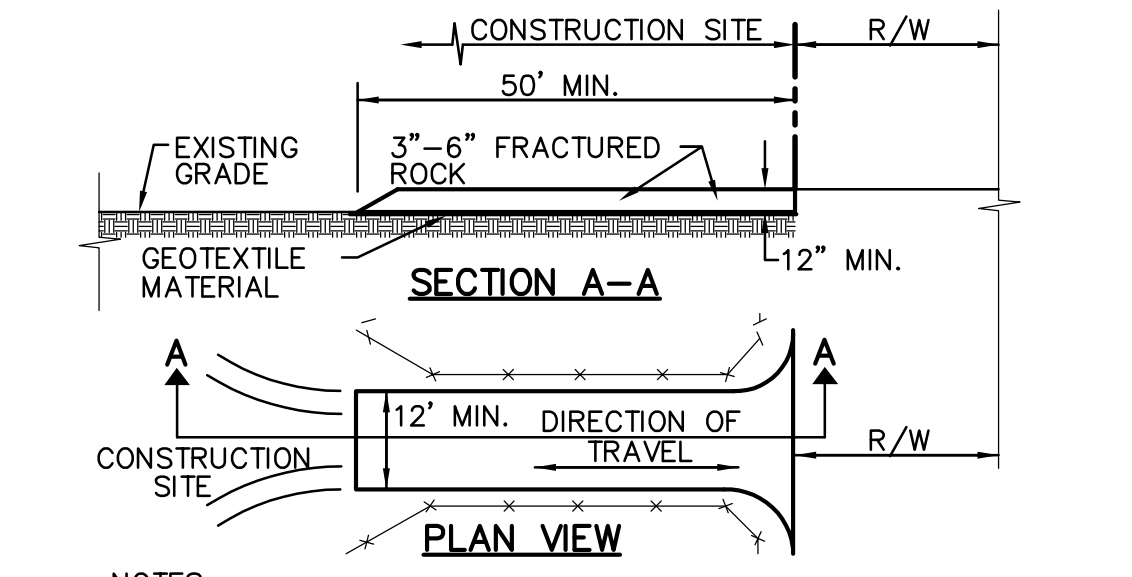
- IF CERTAIN SOIL TYPES (E.G. COLLOIDAL SOILS) ARE DETECTED, THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL TREATMENT MEASURES PRIOR TO DISCHARGE.
- CONTRACTOR IS RESPONSIBLE FOR THE DEWATERING AND REMOVAL OF ALL TEMPORARY EROSION CONTROL DEVICES JUST PRIOR TO THE COMMENCING OF THE FINAL GRADING AND PAVING OPERATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THE SITE TO MINIMIZE DUST CREATED DURING CONSTRUCTION.
- PRIOR TO PLACEMENT OF HYDRO SEEDING, REMOVE TEMPORARY EROSION CONTROL MEASURES (STRAW WATTLE FENCE AND TRACKED LOOSE STRAW).
- CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR COMPLIANCE WITH STATE WATER RESOURCES CONTROL BOARD REQUIREMENTS.
- ALL MATERIALS STORED ON-SITE SHALL HAVE PROPER ENCLOSURES AND/OR COVERINGS.
- CONTRACTOR SHALL MAINTAIN ALL WATTLE OR SILT FENCES AND OTHER STORM WATER POLLUTION PREVENTION DEVICES THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL INSPECT ALL EROSION CONTROL DEVICES WEEKLY AS WELL AS BEFORE, DURING, AND AFTER A STORM EVENT. CONTRACTOR SHALL REMOVE ALL EROSION CONTROL AND POLLUTION PREVENTION DEVICES AT THE END OF CONSTRUCTION AS REQUIRED. REFER TO SPECIFICATIONS AND ADDITIONAL REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN CONSTRUCTION FENCING THROUGHOUT THE PROJECT. THIS FENCING SHALL DETER PEDESTRIANS AND NON-CONSTRUCTION RELATED PERSONNEL FROM ENTERING THE CONSTRUCTION SITE AREA TO THE GREATEST POSSIBLE EXTENT. THE CONTRACTOR SHALL COORDINATE THIS FENCING LAYOUT WITH SCHOOL DISTRICT PERSONNEL PRIOR TO ANY FENCING PLACEMENT SO AS TO NOT SIGNIFICANTLY INTERFERE WITH SCHOOL OPERATION.
- CONTRACTOR SHALL ADEQUATELY PREVENT EXCESSIVE AMOUNTS OF MUD, SAND, DIRT, AND OTHER DEBRIS FROM BEING TRACKED ONTO THE STREET FROM CONSTRUCTION VEHICLE MOVEMENT. PROVIDE WASHING FACILITIES AT CONSTRUCTION ENTRANCE IF NECESSARY.
- CONTRACTOR SHALL ADEQUATELY PREVENT EXCESSIVE AMOUNTS OF MUD, SAND, DIRT, AND OTHER DEBRIS FROM BEING TRACKED ONTO THE STREET FROM CONSTRUCTION VEHICLE MOVEMENT. PROVIDE WASHING FACILITIES AT CONSTRUCTION ENTRANCE IF NECESSARY.



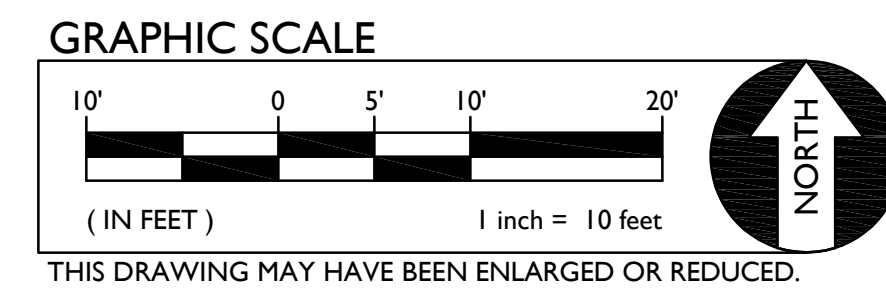
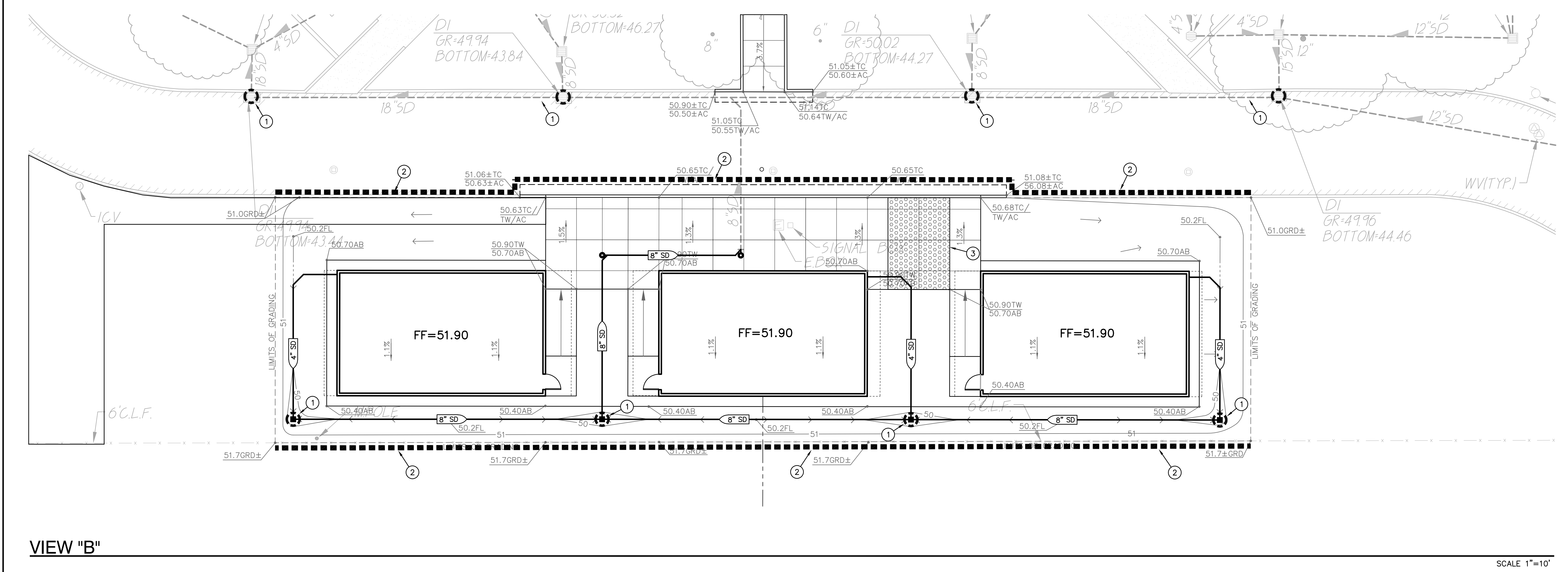
1 STRAW WATTLE INLET FILTER
NO SCALE



2 STRAW ROLLS
NO SCALE



3 STABILIZED CONSTRUCTION SITE ACCESS
NO SCALE



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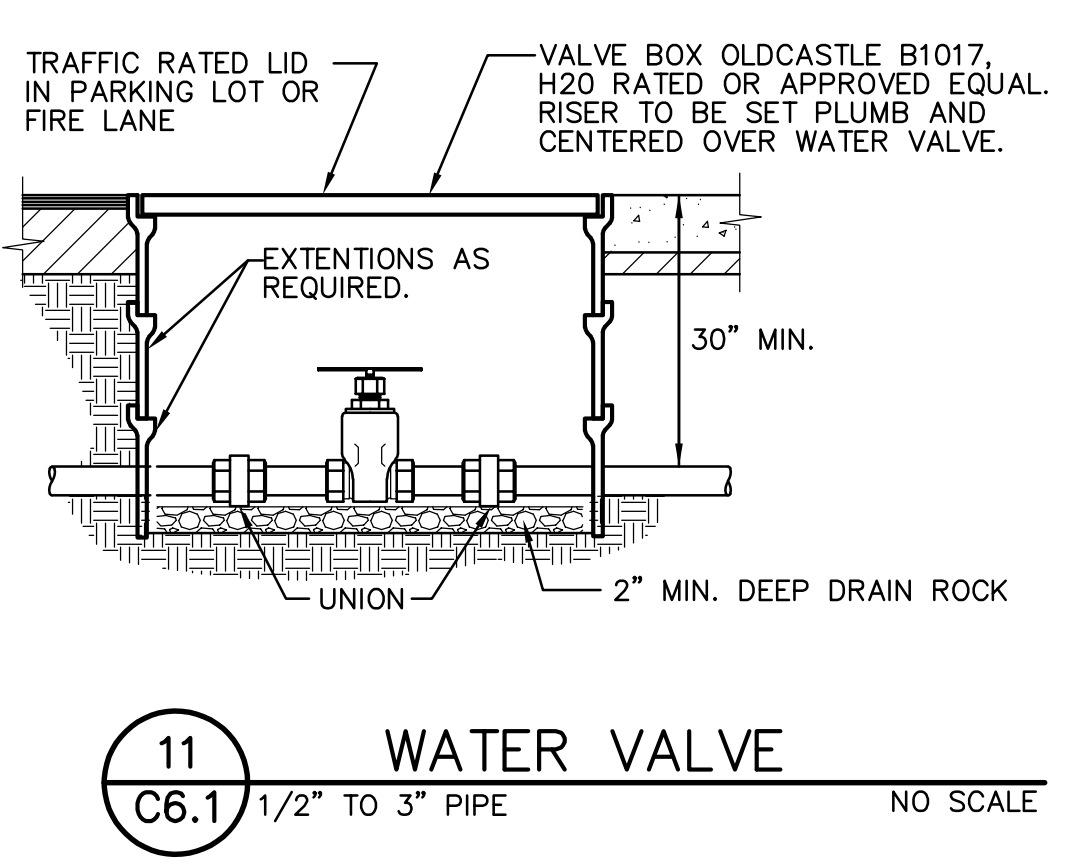
SHEET TITLE:
EROSION CONTROL PLAN

CONSTRUCTION DOCUMENTS

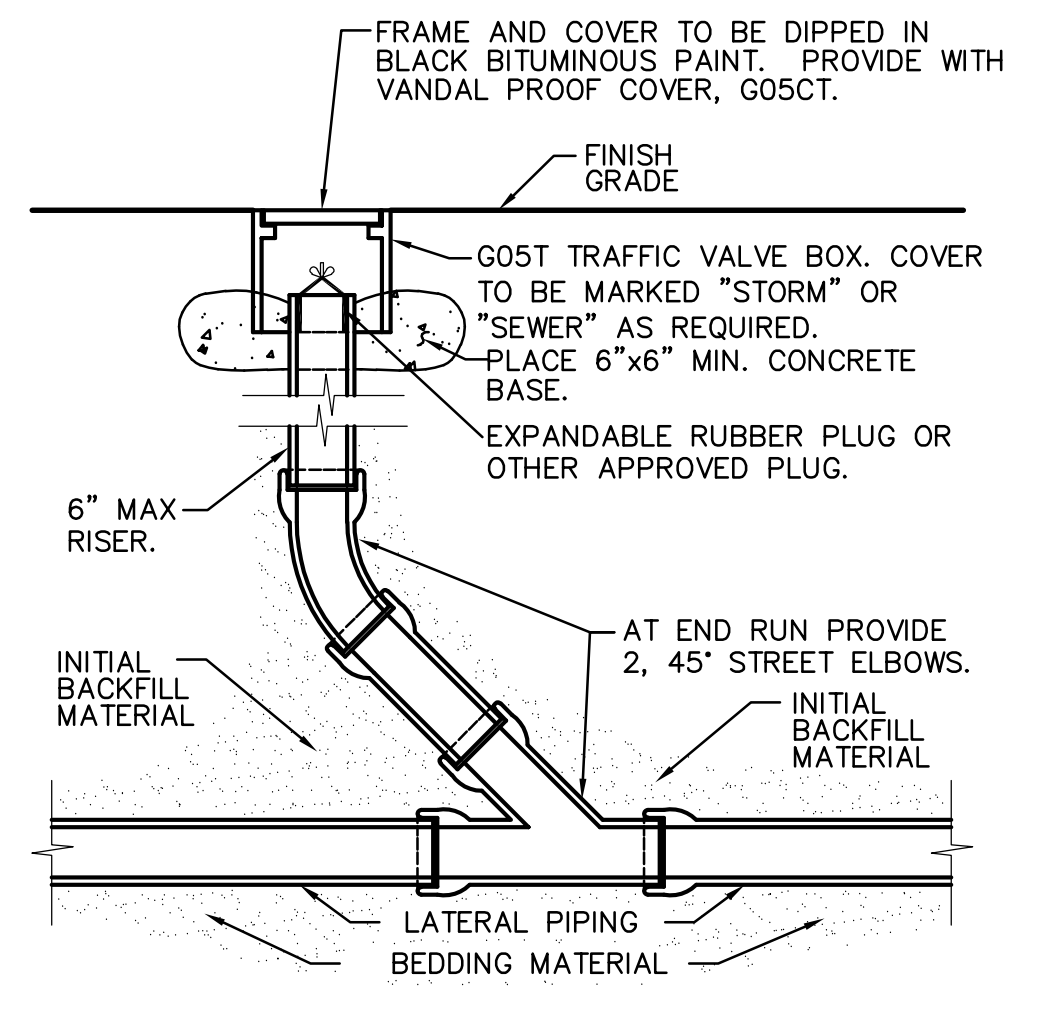
Revision Schedule		
NO.	Description	Date

PROJECT # SHEET #
ISSUE DATE: **C5.1**

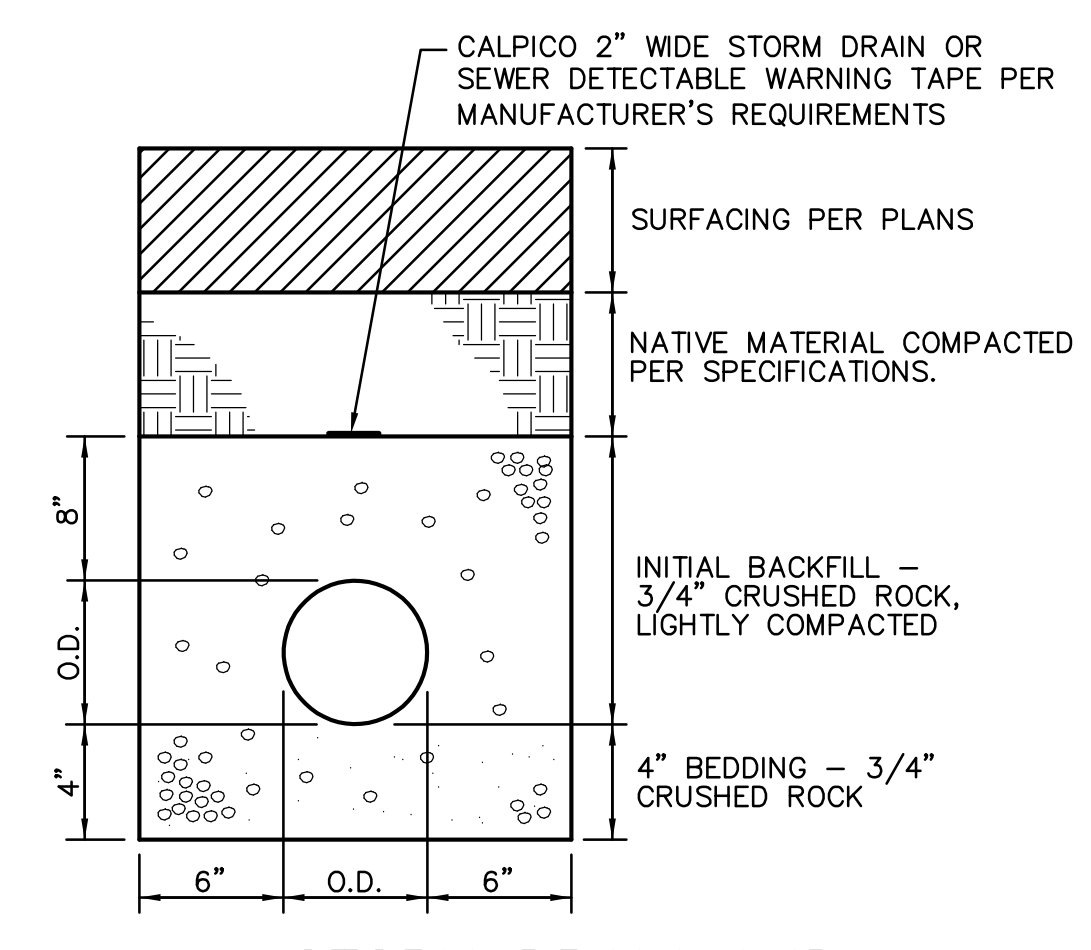
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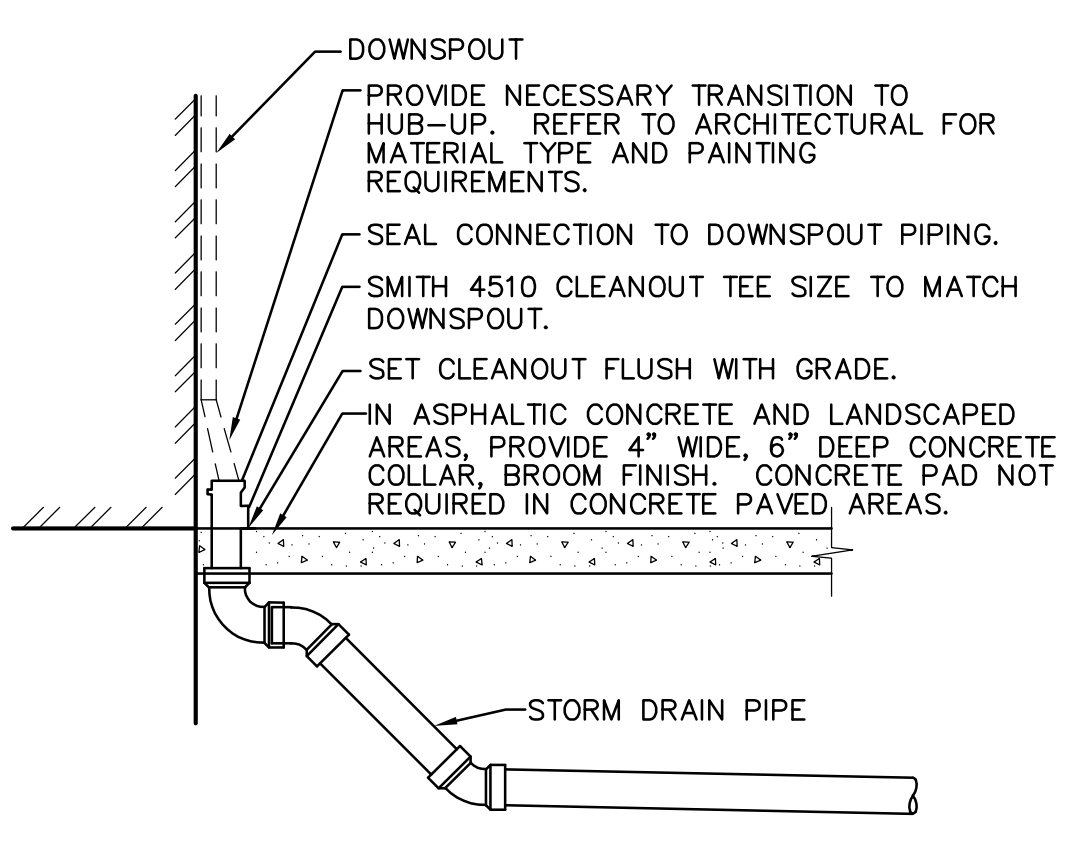
11 WATER VALVE
C6.1 1/2" TO 3" PIPE NO SCALE



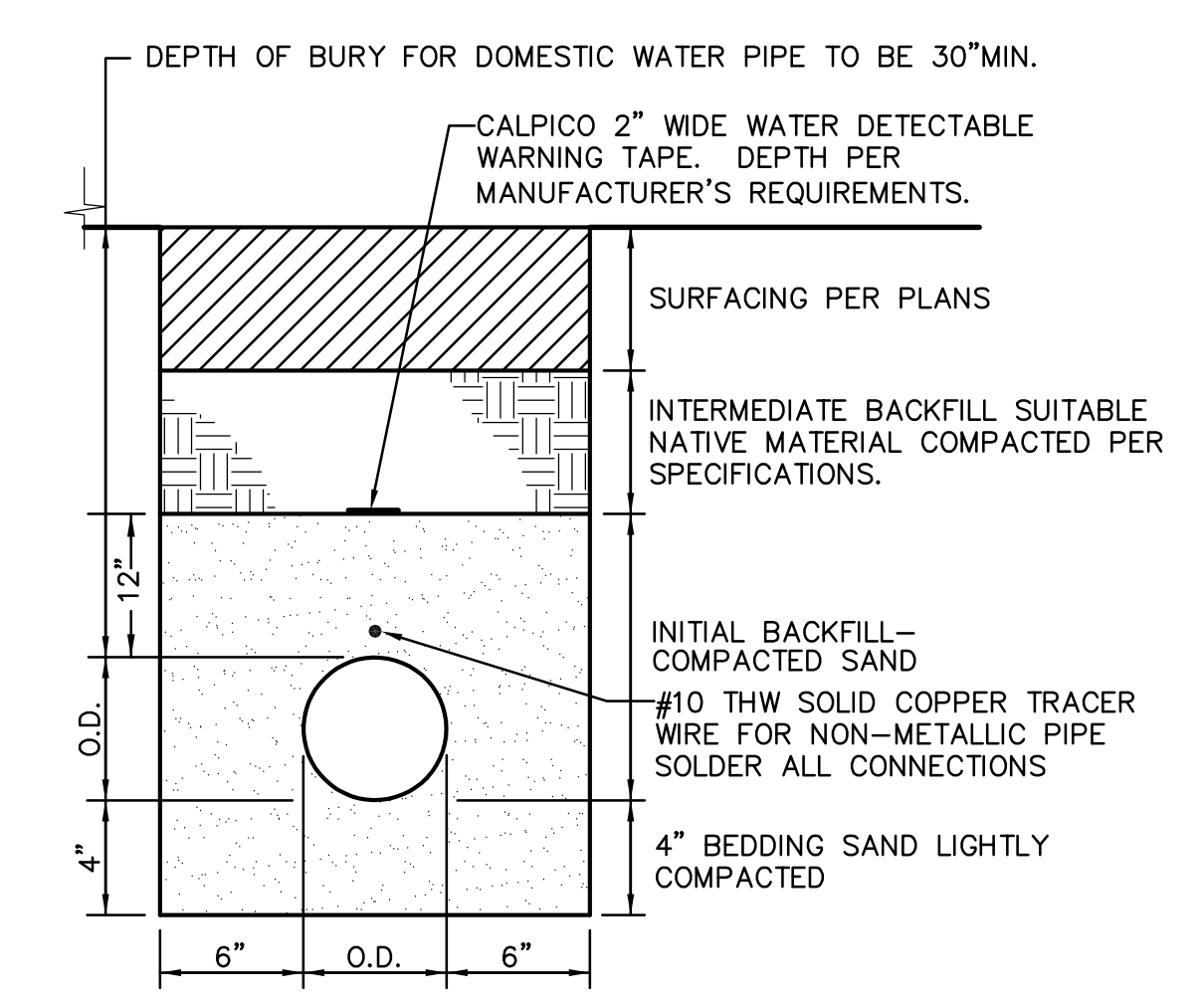
7 CLEANOUT
C6.1 NO SCALE



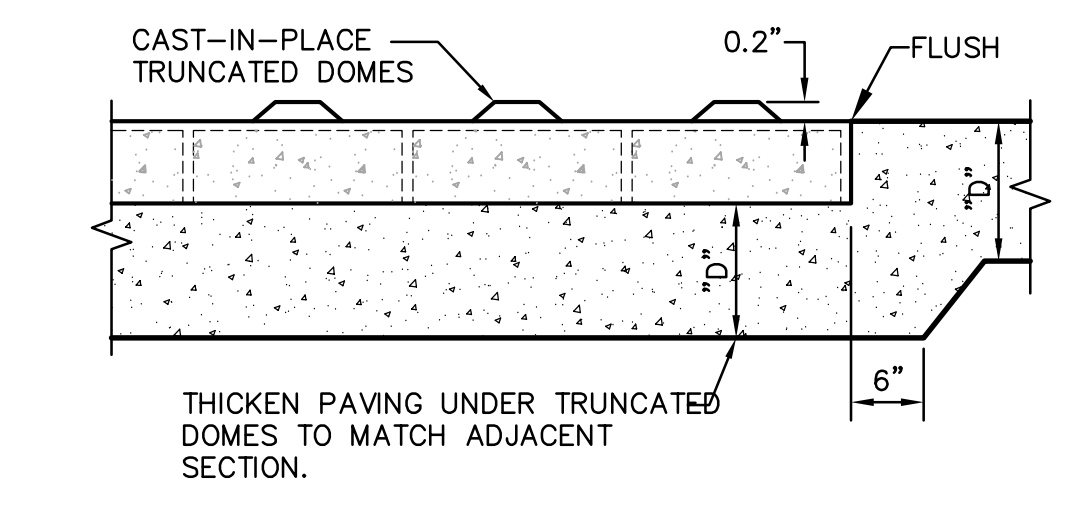
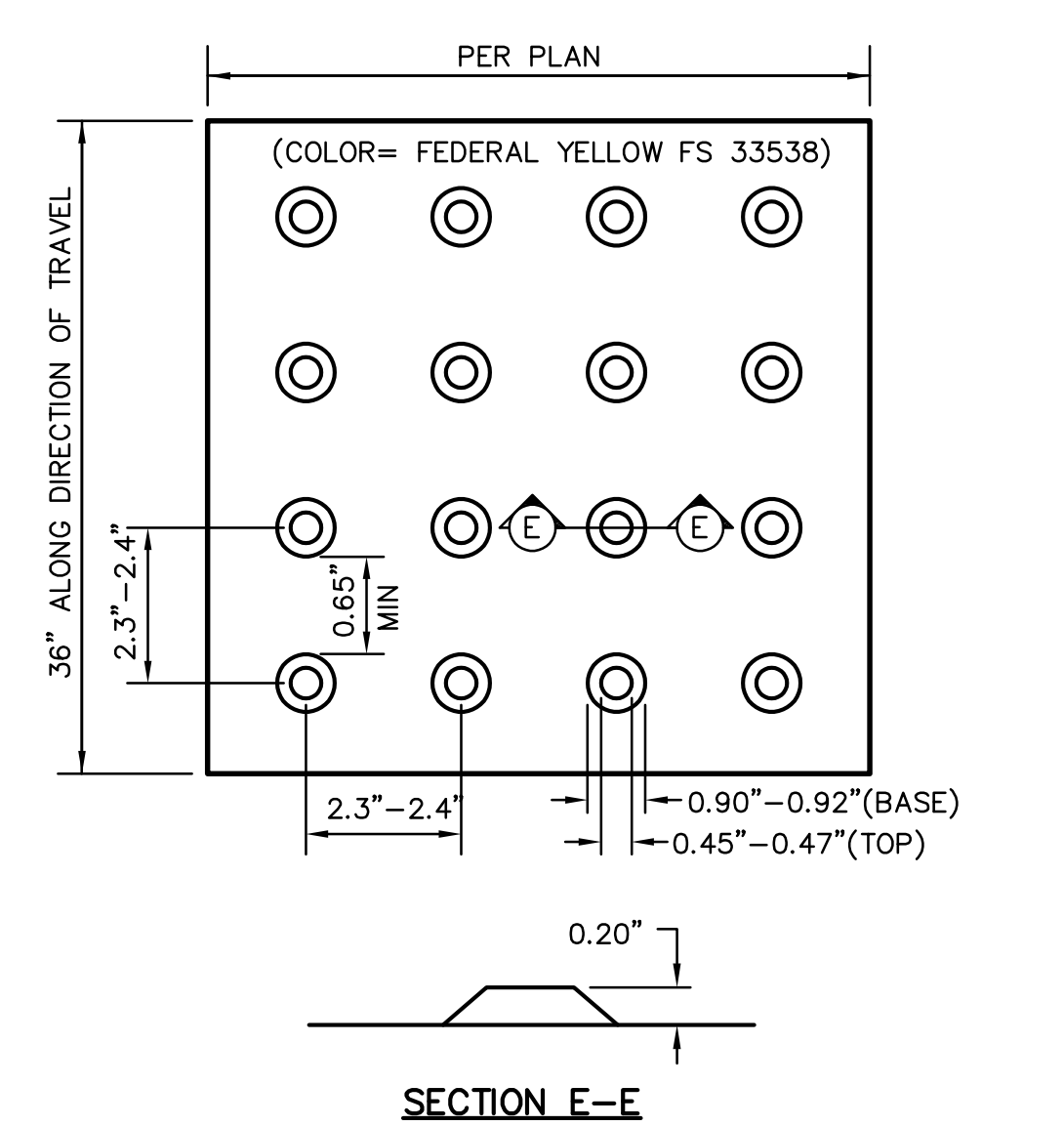
8 STORM DRAIN AND SEWER TRENCH
C6.1 NO SCALE



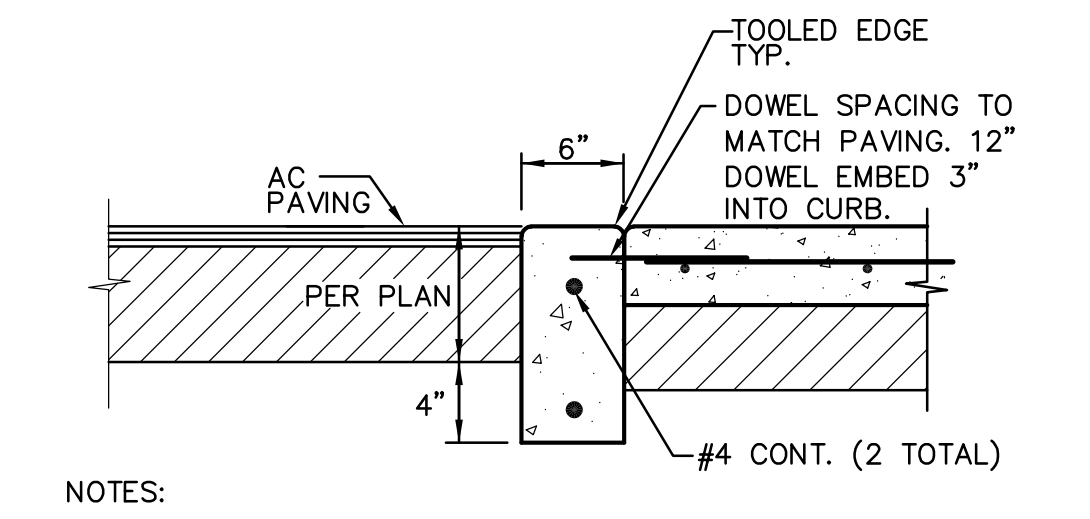
9 DOWNSPOUT CONNECTION
C6.1 NO SCALE



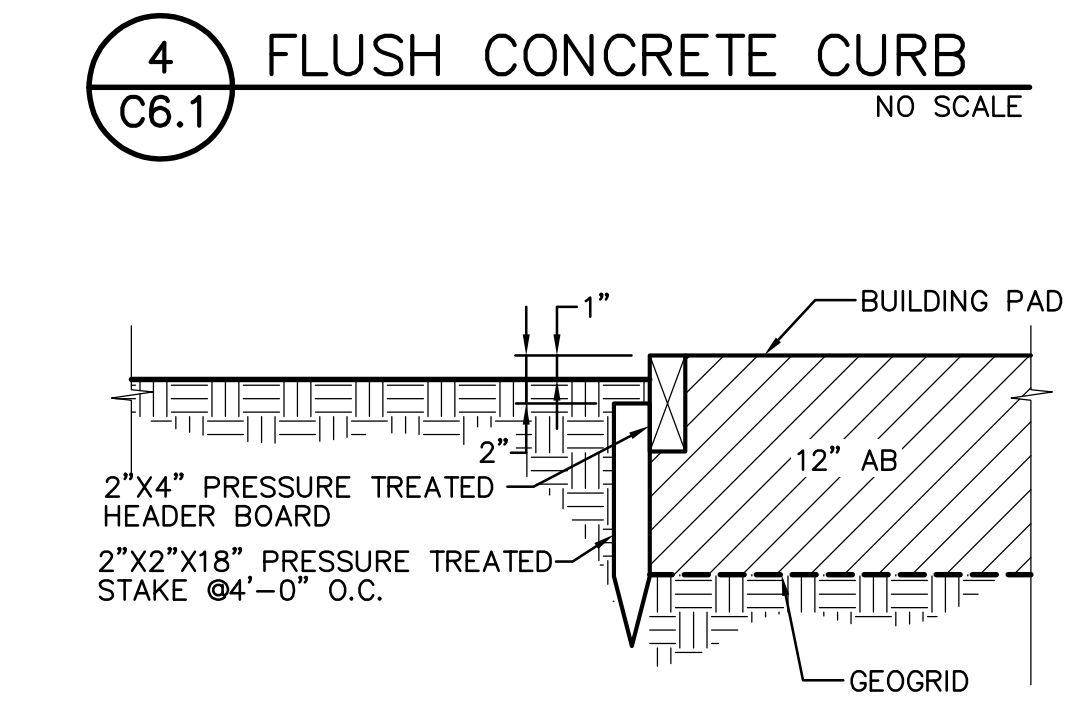
10 WATER TRENCH
C6.1 NO SCALE



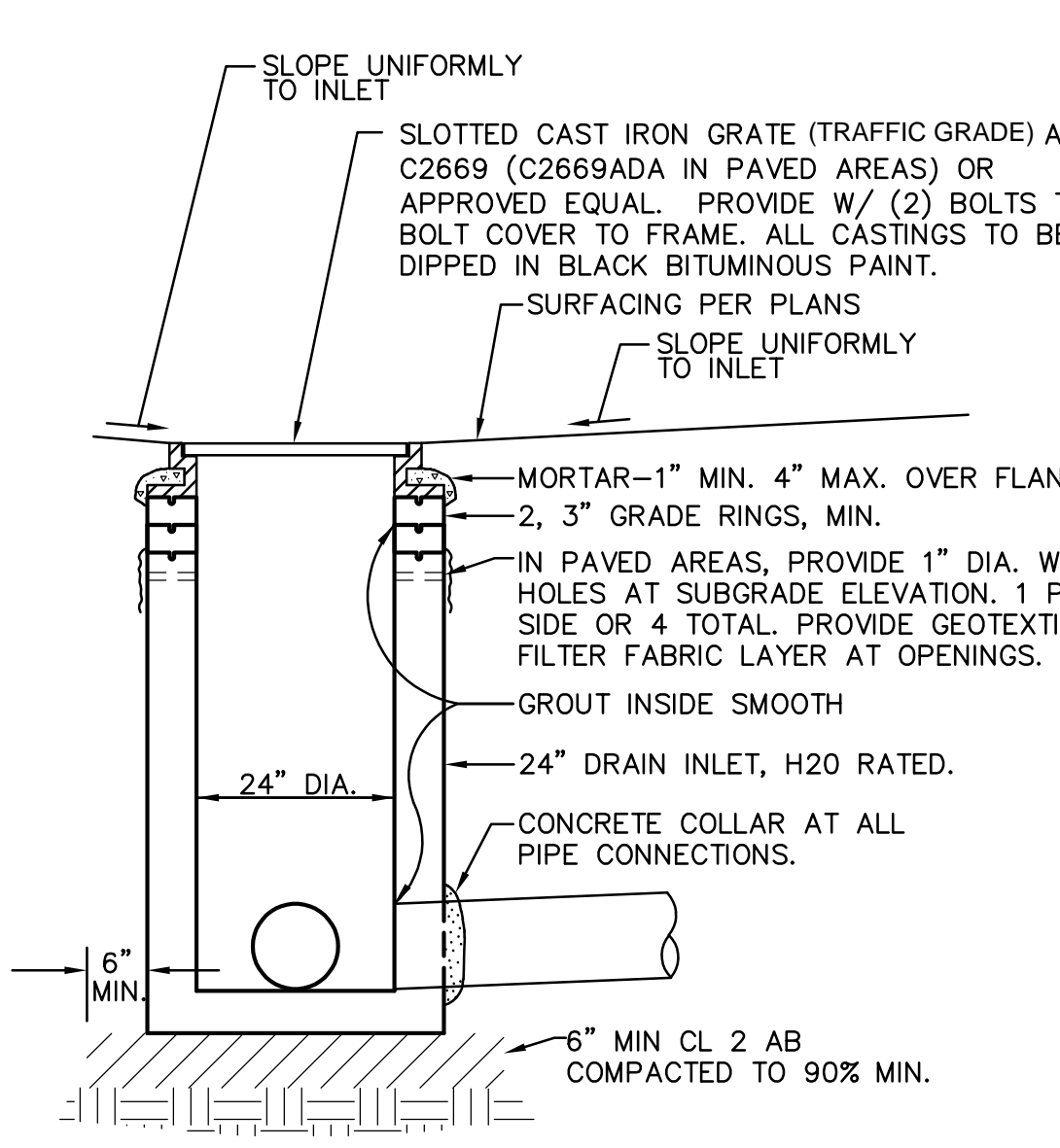
3 TRUNCATED DOMES
C6.1 NO SCALE



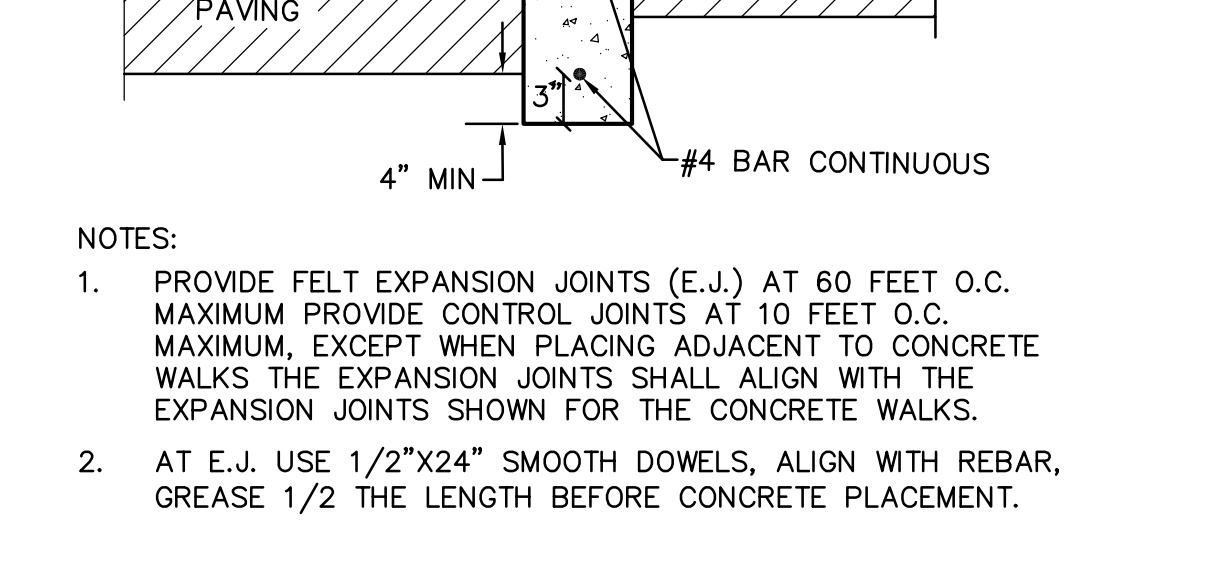
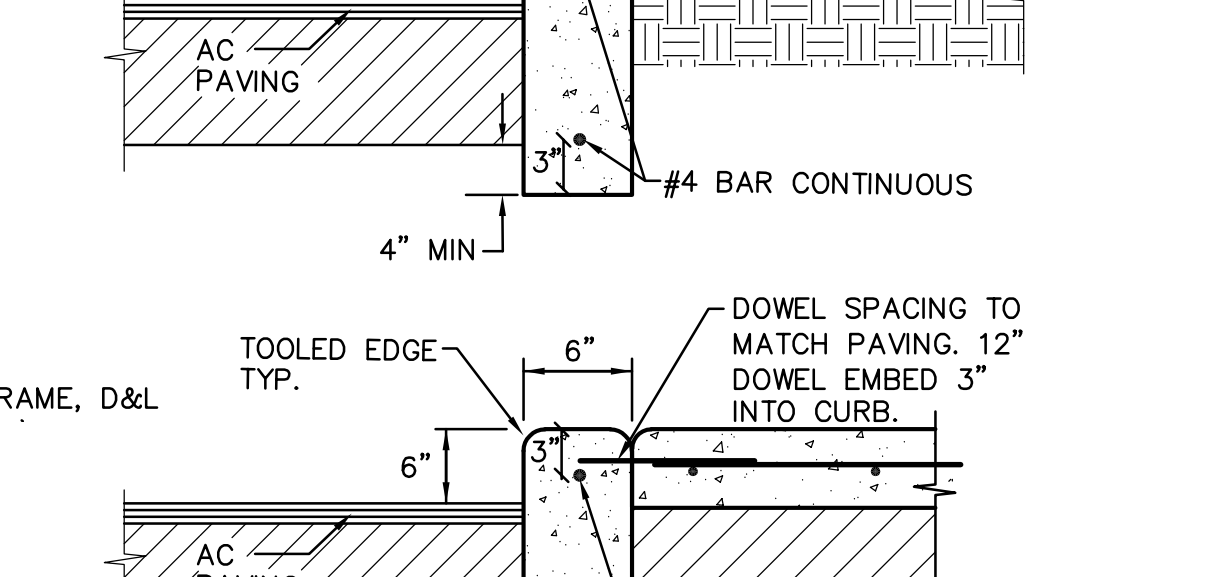
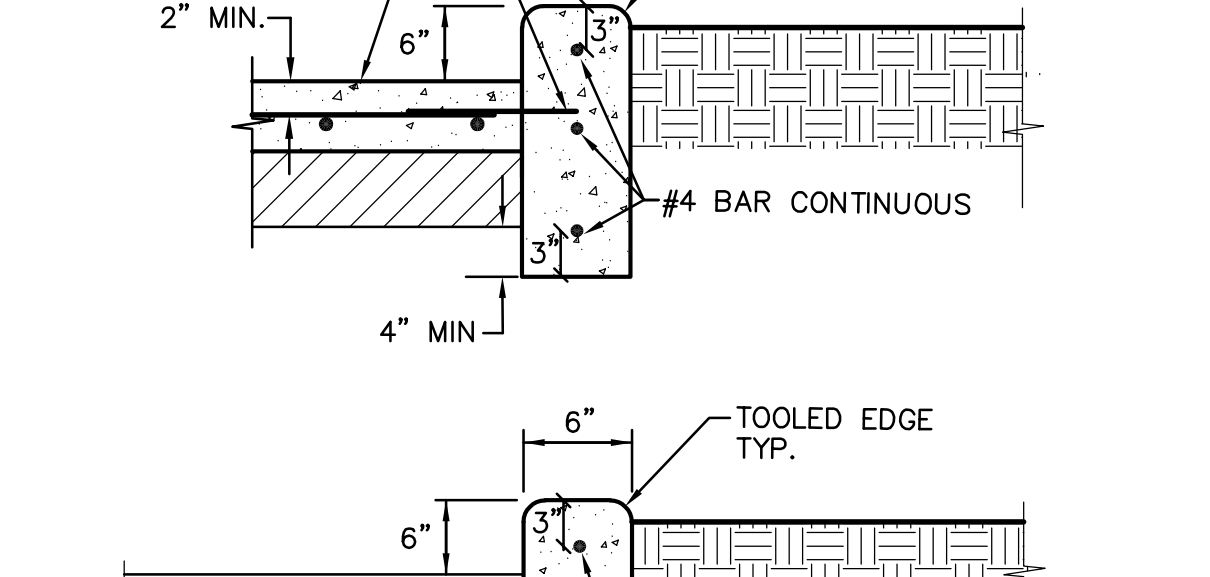
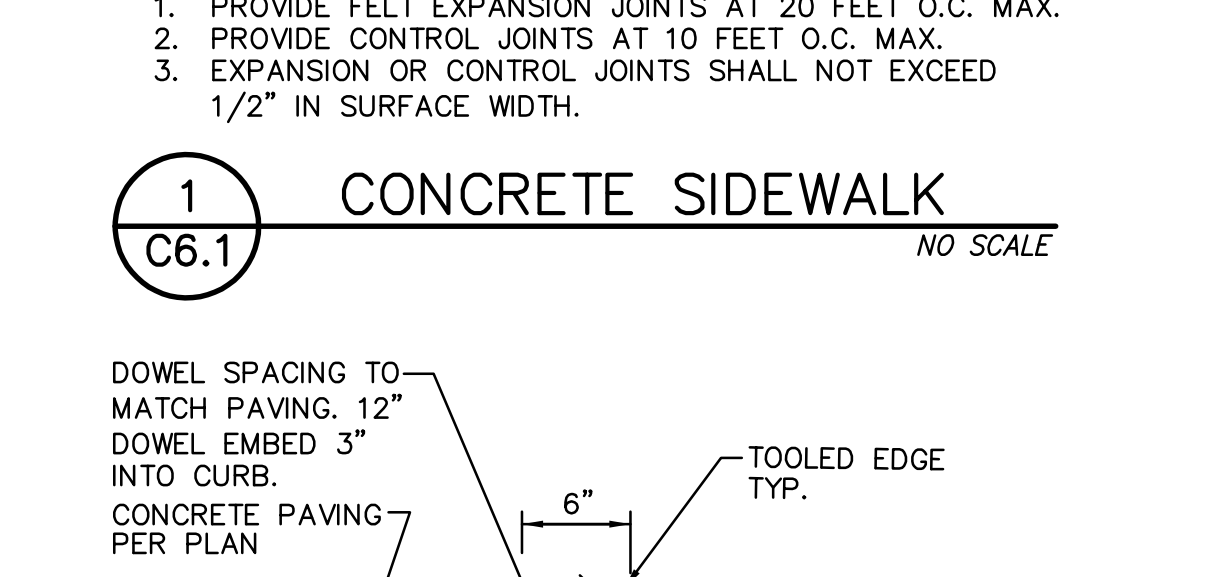
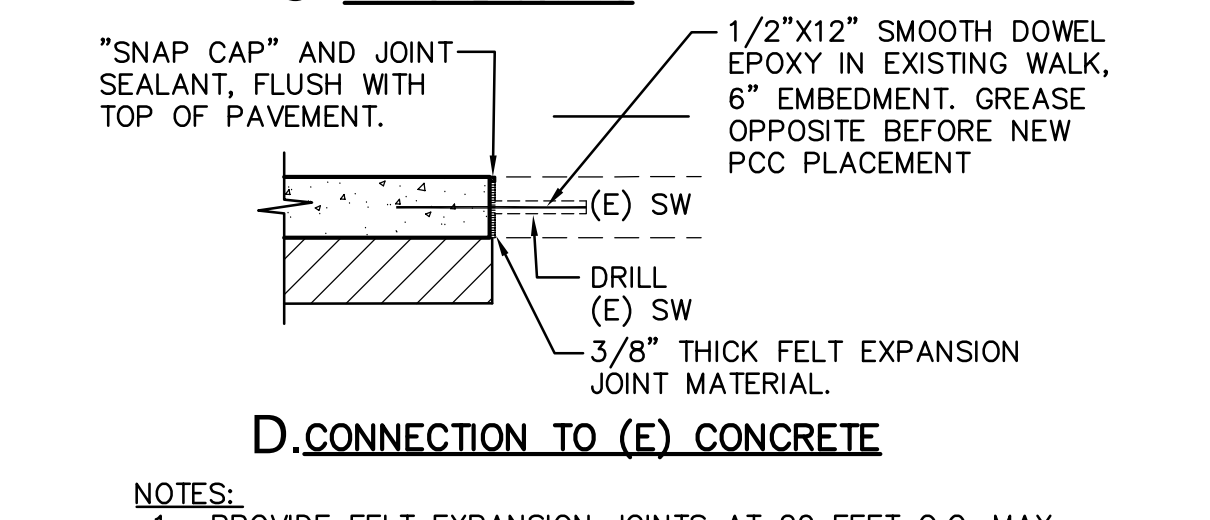
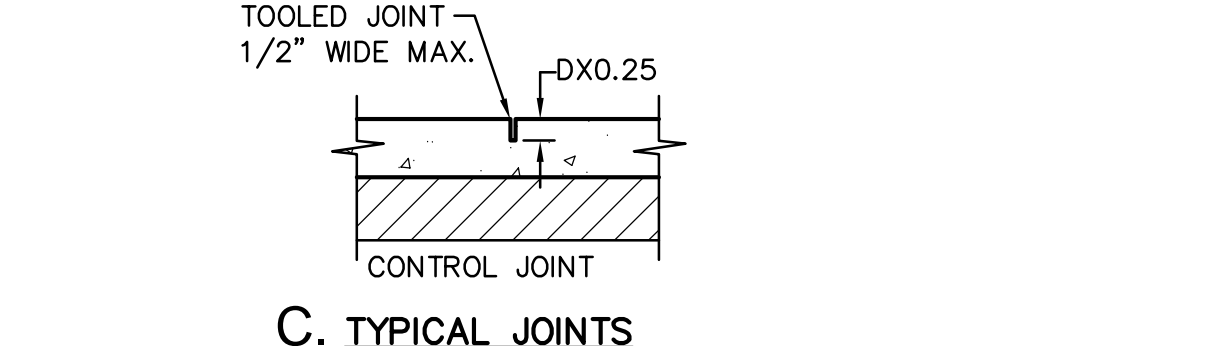
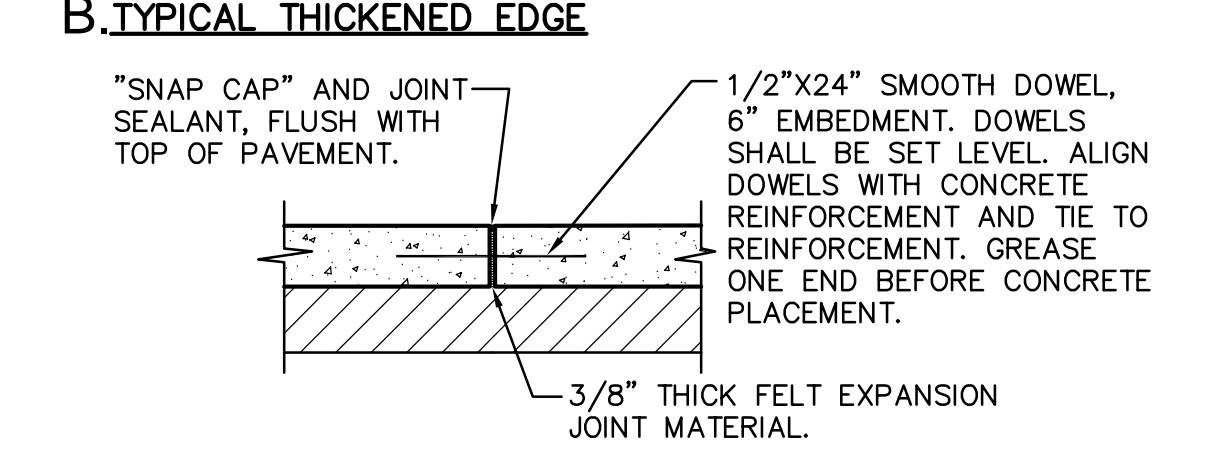
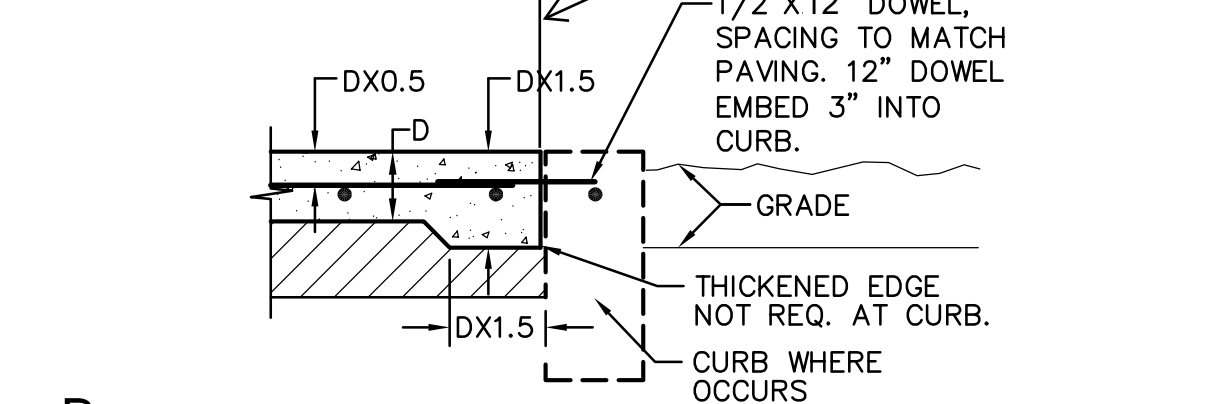
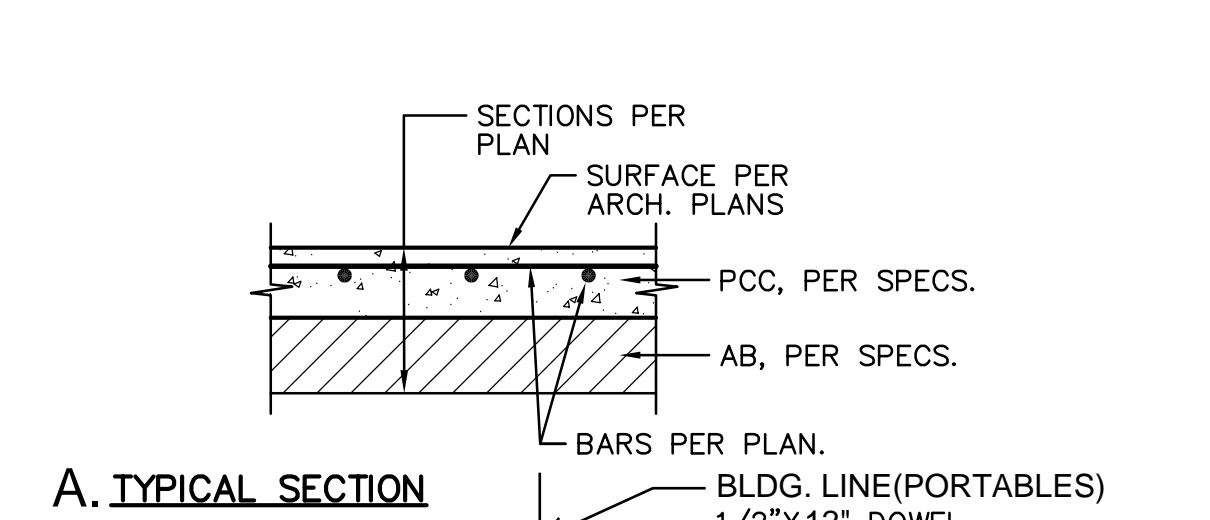
4 FLUSH CONCRETE CURB
C6.1 NO SCALE



5 HEADER BOARD
C6.1 NO SCALE



6 DROP INLET
C6.1 NO SCALE



2 CONCRETE CURB
C6.1 NO SCALE

NOTES:

- PROVIDE FELT EXPANSION JOINTS (E.J.) AT 60 FEET O.C. MAXIMUM PROVIDE CONTROL JOINTS AT 10 FEET O.C. MAXIMUM, EXCEPT WHEN PLACING ADJACENT TO CONCRETE WALKS THE EXPANSION JOINTS SHALL ALIGN WITH THE EXPANSION JOINTS SHOWN FOR THE CONCRETE WALKS.
- AT E.J. USE 1/2"X24" SMOOTH DOWELS, ALIGN WITH REBAR, GREASE 1/2 THE LENGTH BEFORE CONCRETE PLACEMENT.

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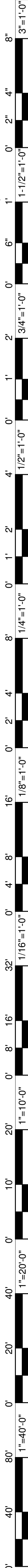
GALT JOINT UNION ELEM.
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800 Lake Canyon Ave., Galt, CA 95632

SHEET TITLE:
DETAILS AND SECTIONS

CONSTRUCTION DOCUMENTS

Revision Schedule		
NO.	Description	Date

PROJECT # SHEET #
ISSUE DATE: C6.1



SYMBOLS LIST

POWER DISTRIBUTION

Table of electrical symbols for power distribution, including switchboards, panelboards, transformers, motors, and various types of conduits and raceways.

POWER DISTRIBUTION

Table of electrical symbols for power distribution, including conduit types, raceways, and floor ducts.

FIRE ALARM

Table of electrical symbols for fire alarm systems, including smoke detectors, heat detectors, and notification appliances.

AUDIO/VISUAL

Table of electrical symbols for audio and visual systems, including speakers, projectors, and control panels.

TELECOMMUNICATIONS

Table of electrical symbols for telecommunications, including wall-mounted devices, floor-mounted devices, and furniture-mounted devices.

ABBREVIATIONS

Table of abbreviations for electrical symbols, listing terms like AMPERES, INTERRUPTER, and various device types with their corresponding symbols.

CONVENTIONS

Table of conventions for electrical symbols, explaining the use of numbered notes, sheet notes, and equipment identification tags.

WIRING DEVICES

Table of electrical symbols for wiring devices, including junction boxes, receptacles, switches, and lighting fixtures.

ELECTRICAL SHEET INDEX

Table of the electrical sheet index, listing sheet numbers and names for various drawings and schedules.

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Derivi Castellanos Architects logo and contact information for Central Valley and Silicon Valley offices.

The Engineering Emprise logo and contact information for Alameda, Alhambra, and San Jose offices.

Professional Seals for Scott Wheeler, Electrical Engineer, State of California.

GALT JOINT UNION ELEMENTARY SCHOOL DISTRICT Lake Canyons ES Portables logo and address: 800 Lake Canyon Ave., Galt, CA 95632

SHEET TITLE: SYMBOLS AND DRAWINGS INDEX

Revision Schedule table with columns for NO., Description, and Date.

PROJECT # 22.037 SHEET # E0.01 ISSUE DATE: 06-06-2023

FEEDER SCHEDULE

FEEDER SCHEDULE GENERAL NOTES

1. COPPER FEEDER SIZES SHOWN IN THIS SCHEDULE ARE BASED ON CONDUCTORS WITH THHN/THWN-2 INSULATION IN EMT CONDUIT.
2. ALUMINUM FEEDER SIZES SHOWN IN THIS SCHEDULE ARE BASED ON CONDUCTORS WITH XHHW-2 INSULATION IN EMT CONDUIT.
3. FEEDER SIZES SHOWN IN THIS SCHEDULE ARE BASED ON AN AMBIENT TEMPERATURE OF 30 DEGREES C (86 DEGREES F).
4. FEEDERS CONSISTING OF MULTIPLE SETS OF CONDUCTORS AND CONDUITS ARE TO BE PROVIDED WITH THE INDICATED SIZE GROUND CONDUCTOR IN EACH CONDUIT.
5. PER CEC ARTICLE 110.14, ALL FEEDERS SIZED AT #2 AWG OR LESS ARE CALCULATED PER 60 DEGREE TABLE. FEEDERS GREATER THAN #2 AWG ARE RATED 75 DEGREES.

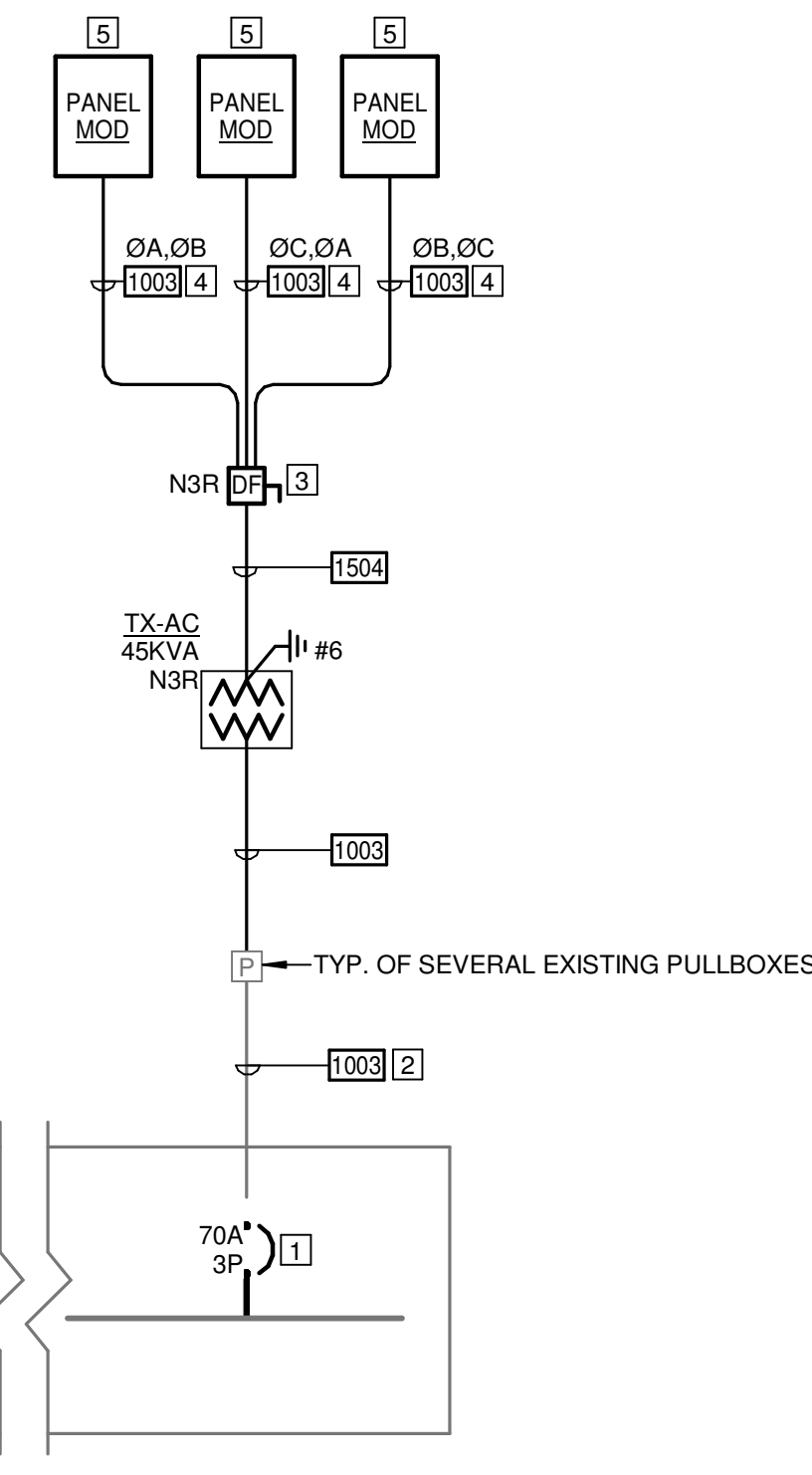
FEEDER SCHEDULE REMARKS

- A. OVERSIZED 150% NEUTRAL, SUITABLE FOR SERVICE FROM K-13 RATED TRANSFORMERS.
- B. FEEDER APPROVED FOR USE WITH SEPARATELY DERIVED SYSTEM; GROUNDING AS REQUIRED BY CEC ARTICLES 240 AND 250.
- C. FEEDER GROUND AND BONDING JUMPER SHALL HAVE AN AREA NOT LESS THAN 12.5% OF THE AREA OF THE LARGEST PHASE CONDUCTOR.
- D. INCREASE CONDUIT TO THE NEXT LARGER TRADE SIZE WHEN USING SCHEDULE 40 OR 80 PVC CONDUIT.
- E. PER CEC SECTION 240.4(B), FOR OVERCURRENT DEVICES RATED 800A OR LESS, THE NEXT HIGHER STANDARD OVERCURRENT DEVICE RATING (ABOVE THE AMPLACITY OF THE CONDUCTORS) CAN BE USED. RULE CAN NOT BE APPLIED IF 100% RATED BREAKERS ARE USED.
- F. PER CEC 240.21(C), THE PROVISIONS OF 240.4(B) SHALL NOT BE PERMITTED FOR TRANSFORMER SECONDARY CONDUCTORS.

FEEDER TAG	FEEDER DESCRIPTION	CONDUIT	CONDUCTORS		SEPARATELY DERIVED SYSTEM		REMARKS
			PHASE/NEUTRAL	GROUND	GROUNDING ELECTRODE	BONDING JUMPER	
1003	85 AMP, 3 WIRE	1-1.25"	3 #2 CU	1 #6 CU	-	-	E
1254	130 AMP, 4 WIRE	1-1.50"	4 #1 CU	1 #6 CU	-	-	-
1504	150 AMP, 4 WIRE	1-2.00"	4 #1/0 CU	1 #6 CU	-	-	-

DETAIL NOTES

1. PROVIDE NEW CIRCUIT BREAKER IN EXISTING PREPARED SPACE AT EXISTING DISTRIBUTION PANELBOARD. NEW BREAKER TO MATCH MANUFACTURER (SQUARE D), TYPE, AIC RATING OF EXISTING BREAKERS. PROVIDE ALL REQUIRED MOUNTING HARDWARE AND FILLER PLATES. PROVIDE ENGRAVED NAMEPLATE.
2. USE EXISTING 2" CONDUIT TO VERIFY CONDITION OF EXISTING SPARE CONDUITS SHOWN ON THE SITE PLAN.
3. PROVIDE N3R DISCONNECT FUSED AT 150A, OR N3R 3-POLE ENCLOSED CIRCUIT BREAKER AT SECONDARY OF TRANSFORMER. PROVIDE WITH LUGS FOR TWO WIRE CONNECTIONS AT EACH PHASE AS SHOWN.
4. ALTERNATE PHASE CONNECTIONS AS SHOWN TO MAINTAIN A BALANCED LOAD.
5. POWER PANEL PROVIDED BY MODULAR BUILDING MANUFACTURER, PROVIDE CONNECTION ONLY.



1 POWER ONE-LINE DIAGRAM

SCALE: NTS

DSA ANCHORAGE SCHEDULE

APPLICABLE CODE: 2022 CBC

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA-APPROVED CONSTRUCTION DOCUMENTS. THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2022 CBC SECTIONS 1617A.1.18 THROUGH 1617A.1.26 AND ASCE 7-16 CHAPTERS 13, 26, AND 30

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G., HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER. "PERMANENTLY ATTACHED" SHALL INCLUDE ALL ELECTRICAL CONNECTIONS EXCEPT PLUGS FOR 110/220 VOLTS RECEPTACLES HAVING A FLEXIBLE CABLE.
3. TEMPORARY, MOVABLE OR MOBILE EQUIPMENT WHICH IS HEAVIER THAN 400 POUNDS OR HAS A CENTER OF MASS LOCATED 4 FEET OR MORE ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT IS REQUIRED TO BE RESTRAINED IN A MANNER APPROVED BY DSA.

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE BUT NEED NOT DEMONSTRATE DESIGN COMPLIANCE WITH THE REFERENCES NOTED ABOVE. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT. FLEXIBLE CONNECTIONS MUST ALLOW MOVEMENT IN BOTH TRANSVERSE AND LONGITUDINAL DIRECTIONS:

- A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVING A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

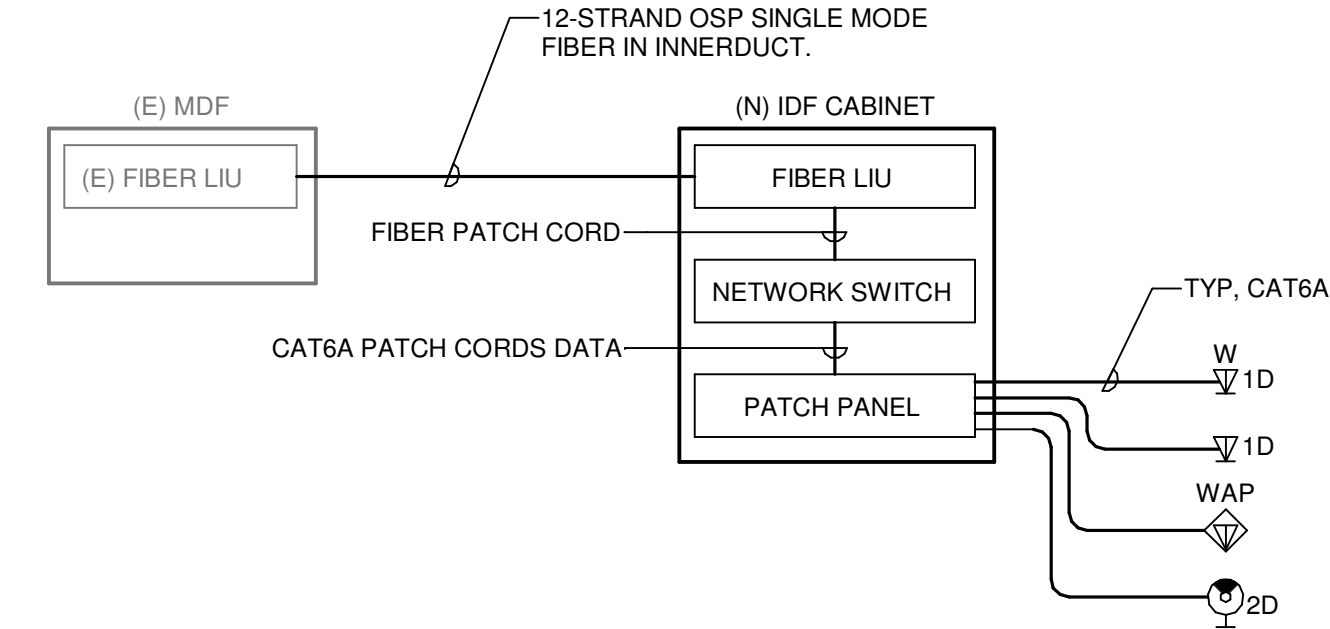
THE ANCHORAGE OF ALL MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS SHALL BE SUBJECT TO THE APPROVAL OF THE DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE OR STRUCTURAL ENGINEER DELEGATED RESPONSIBILITY AND ACCEPTANCE BY DSA. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH THE ABOVE REQUIREMENTS.

APPLICABLE CODE: 2022 CBC

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 SECTION 13.3 AS DEFINED IN ASCE 7-16 SECTIONS 13.6.5, 13.6.6, 13.6.7, 13.6.8; AND 2022 CBC SECTIONS 1617A.1.24, 1617A.1.25 AND 1617A.1.26. THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G., HCAI OPM FOR 2013 CBC OR LATER), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

ELECTRICAL DISTRIBUTION SYSTEMS, OPTION 2: SHALL COMPLY WITH HCAI (OSHDP) PREAPPROVAL (OPM #) #0043-01.

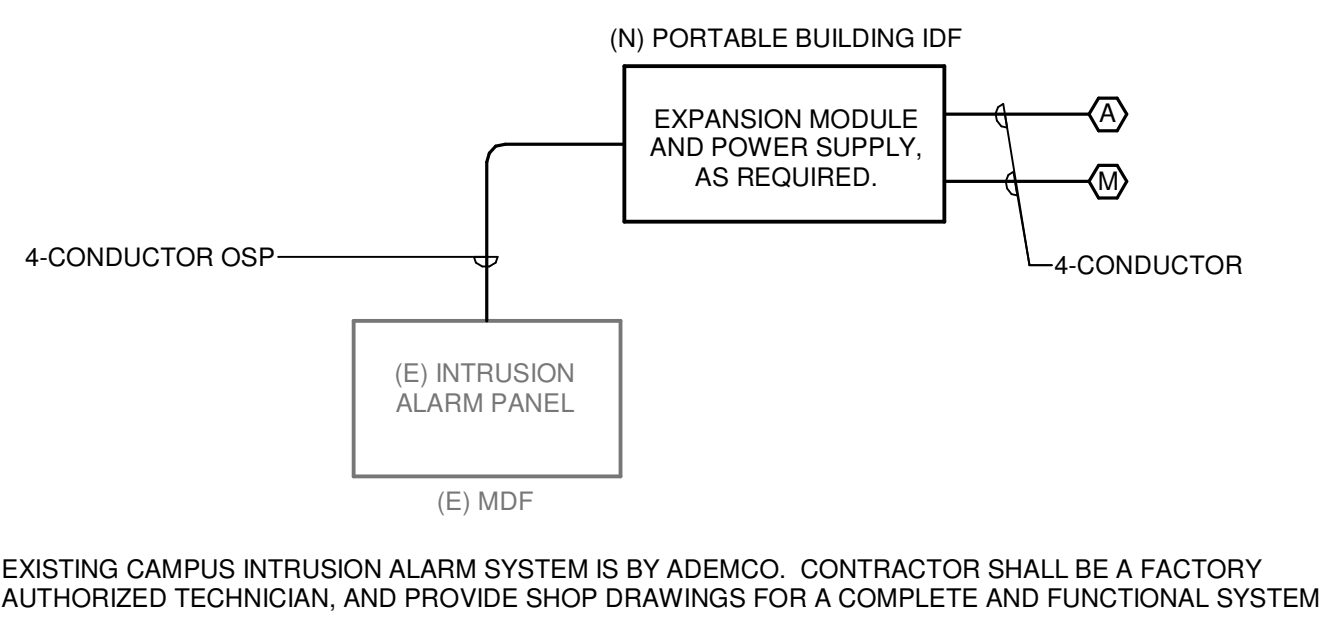


2 TELECOMMUNICATION CABLING DIAGRAM

SCALE: 12" = 1'-0"

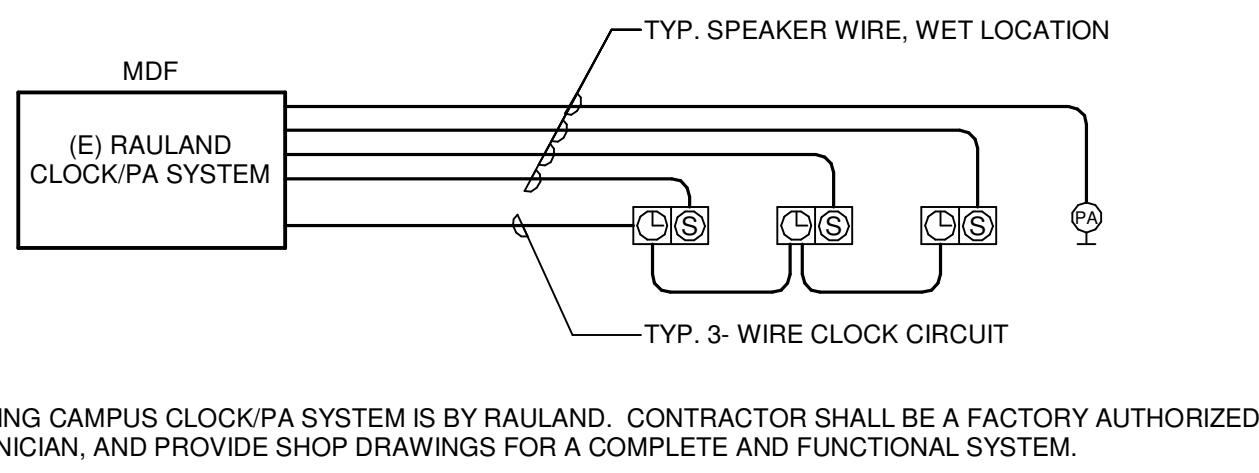
3 INTRUSION ALARM RISER DIAGRAM

SCALE: 12" = 1'-0"



4 CLOCK/PUBLIC ADDRESS SYSTEM RISER DIAGRAM

SCALE: 12" = 1'-0"



PROJECT GENERAL NOTES

1. ELECTRICAL SCOPE SHALL COMPLY WITH THE LATEST ADOPTED EDITIONS OF THE CALIFORNIA ELECTRIC CODE (CEC), CALIFORNIA BUILDING CODE (CBC), CALIFORNIA FIRE CODE (CFC), CALIFORNIA MECHANICAL CODE (CMC), NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 72) AND THE CALIFORNIA ENERGY CODE.
2. THE CONTRACTOR SHALL VISIT THE JOBSITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING THE PROJECT AND SHALL INCLUDE IN THEIR BID THE NECESSARY COSTS TO CONSTRUCT THIS PROJECT IN ACCORDANCE WITH THE ELECTRICAL DRAWINGS, SPECIFICATIONS, AND ALL APPLICABLE CODES.
3. DRAWINGS INDICATE GENERAL ARRANGEMENT OF ELECTRICAL SYSTEMS AND WORK. FOLLOW THE DRAWINGS IN LAYING OUT WORK AND VERIFY EXACT LOCATIONS WITH ARCHITECTURAL FLOOR PLAN AND RCP DRAWINGS. ALSO, CHECK DRAWINGS OF OTHER TRADES TO VERIFY LOCATIONS OF EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS AND COORDINATE SPACE CONDITIONS WITH THEIR INSTALLATION. FINAL LOCATIONS SHALL BE ADJUSTED TO MEET FIELD CONDITIONS.
4. NOT EVERY ELECTRICAL RACEWAY, BOX, CONDUCTOR, ETC., FOR A COMPLETE ELECTRICAL INSTALLATION, IS SHOWN ON THESE DRAWINGS. THIS IS DONE FOR CLARITY PURPOSES AND EASE OF INTERPRETING DRAWINGS. PROVIDE ALL ADDITIONAL ITEMS REQUIRED TO MAKE THE ELECTRICAL SYSTEMS COMPLETE AND OPERATIONAL.
5. WORK PERFORMED UNDER THIS CONTRACT SHALL CONFORM TO THESE DRAWINGS AND SHALL ALSO COMPLY WITH THE ELECTRICAL SPECIFICATIONS. IN THE EVENT THAT THERE IS A DISCREPANCY BETWEEN THE DRAWINGS AND SPECIFICATIONS, THE MORE STRINGENT OF THE REQUIREMENTS SHALL TAKE PRECEDENT.
6. ALL NEW ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE UNDERWRITER'S LABORATORIES (UL) LISTED OR ELECTRICAL TESTING LABORATORIES (ETL) LISTED AND BEAR THEIR LABELS.
7. ALL ELECTRICAL MATERIALS SHALL BE NEW AND UNUSED, AND OF THE SAME MANUFACTURER OF LIKE EQUIPMENT AND/OR SYSTEMS.
8. CONTRACTOR SHALL REMOVE ALL LEFTOVER CONDUIT, WIRE, SCRAPS, ETC. AND LEAVE PREMISES CLEAN AND FREE OF TRASH AND DEBRIS RESULTING FROM THEIR WORK.
9. PRIOR TO COMMENCING ANY TRENCHING SCOPE ON-SITE, CONTACT THE UTILITIES UNDERGROUND SERVICE ALERT TO DETERMINE THE EXACT LOCATIONS OF ANY EXISTING UNDERGROUND UTILITY LINES, WHICH MIGHT GET DAMAGED DURING EXCAVATION, WHERE INTERFERENCE IS POSSIBLE, TRENCHING SHALL BE DONE MANUALLY.
10. MINIMUM CONDUIT TRADE SIZE FOR EXTERIOR APPLICATIONS SHALL BE 1.0", UNLESS OTHERWISE NOTED.
11. ALL UNDERGROUND FEEDER CONDUITS SHALL HAVE A MINIMUM COVER OF 24". WHERE FEEDER CONDUITS ARE INSTALLED UNDER ROADS OR PAVED SURFACE WITH VEHICLE TRAFFIC, THE MINIMUM COVER SHALL INCREASE TO 36". INSTALL A MINIMUM 12" HORIZONTAL SEPARATION BETWEEN LOW-VOLTAGE AND LINE-VOLTAGE CONDUITS INSTALLED IN SAME TRENCH. INSTALL A WARNING/MARKER TAPE 12" OVER THE CONDUITS.
12. ALL UNDERGROUND CONDUITS ORIGINATING FROM BUILDING EXTERIOR AND TERMINATING IN ELECTRICAL EQUIPMENT WITHIN THE BUILDING INTERIOR SHALL BE SEALED AT BOTH ENDS AFTER CONDUCTORS ARE INSTALLED, TO PREVENT MOISTURE FROM COMING IN CONTACT WITH LIVE PARTS.
13. SITE PULLBOXES FOR BRANCH CIRCUITING SHALL BE SIZED TO CODE MINIMUM REQUIREMENTS. OBTAIN APPROVAL FROM LANDSCAPE ARCHITECT FOR ANY PULLBOXES NEEDED TO FACILITATE SITE CONDUIT REQUIREMENTS.
14. ALL GROUNDING ELECTRODES WITHIN BUILDING OR STRUCTURE SHALL BE BONDED TOGETHER TO FORM A SINGLE GROUNDING ELECTRODE SYSTEM.
15. ALL SEPARATELY DERIVED SYSTEMS SHALL COMPLY WITH CODE, CEC 250.104, FOR BONDING TO METAL WATER PIPING AND STRUCTURAL METAL.
16. FURNISH, INSTALL, AND CONNECT A CODE SIZED INSULATED OR BARE COPPER GROUND CONDUCTOR IN ALL BRANCH CIRCUITS AND FEEDER CONDUITS.
17. WHERE UNGROUNDED CONDUCTORS ARE INCREASED IN SIZE TO ACCOMMODATE VOLTAGE DROP, THE EQUIPMENT GROUND CONDUCTOR SHALL ALSO BE INCREASED IN SIZE PROPORTIONATELY, ACCORDING TO THE CIRCULAR MIL AREA OF UNGROUNDED CONDUCTORS.
18. ALL EQUIPMENT CONNECTED BY PERMANENT WIRING METHODS SHALL BE GROUNDED.
19. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED TO PREVENT VOLTAGE DROP EXCEEDING 3% AT THE FARTHEST OUTLET OR DEVICE. THE MAXIMUM VOLTAGE DROP ALLOWED ON COMBINED FEEDERS AND BRANCH CIRCUITS SHALL NOT EXCEED 5% TO THE FARTHEST OUTLET OR DEVICE.
20. ALL CONDUCTORS ON THIS PROJECT SHALL BE STRANDED COPPER.
21. MULTIWIRE BRANCH CIRCUITS SHALL BE PROVIDED WITH A MEANS TO SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUIT ORIGINATES, I.E. HANDLE TIES OR MULTIPLE CIRCUIT BREAKERS.
22. CONDUIT ROUTING ON DRAWINGS IS ESSENTIALLY DIAGRAMMATIC. CONTRACTOR SHALL LAYOUT RUNS TO SUIT FIELD CONDITIONS, LIMITING BENDS AND BOXES, AND SHALL COORDINATE INSTALLATION WITH WORK OF OTHER TRADES.
23. PROVIDE INSULATING BUSHINGS OR INSULATED THROAT CONNECTORS AT BOTH ENDS OF ALL CONDUIT SLEEVES.
24. ALL JUNCTION AND PULL BOXES SHALL BE SIZED PER CODE TO ACCOMMODATE NUMBER OF CONDUITS AND/OR CONDUCTORS ROUTED TO AND FROM BOXES.
25. PROVIDE A PULL WIRE/TAPE IN ALL EXISTING CONDUIT RUNS OVER 15' IN LENGTH.
26. NO PIPING, DUCTWORK, OR EQUIPMENT FOREIGN TO ELECTRICAL EQUIPMENT SHALL BE LOCATED WITHIN THE DESIGNATED SPACE FOR ELECTRICAL EQUIPMENT.
27. PROVIDE ENGRAVED NAMEPLATES FOR ALL ELECTRICAL PANELBOARDS, SWITCHBOARDS, SWITCHGEAR, TRANSFORMERS, AND DISCONNECT SWITCHES, AS DESCRIBED IN THE SPECIFICATIONS.
28. CONTRACTOR SHALL ENSURE THAT THE ELECTRICAL EQUIPMENT PROVIDED UNDER THEIR CONTRACTOR WILL FIT WITHIN THE SPACES PROVIDED IN THE BID DOCUMENTS, WHETHER PROVIDED BY THE SPECIFIED EQUIPMENT MANUFACTURER OR NOT. NO ADDITIONAL COMPENSATION WILL BE CONSIDERED IF CONTRACTOR NEEDS TO ADJUST EQUIPMENT PACKAGE TO OBTAIN REDUCED DIMENSIONS.
29. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING REVISED LAYOUTS OF DISTRIBUTION EQUIPMENT IN SPACES, FOR APPROVAL BY ENGINEER, IF PROPOSED INSTALLATION DIFFERS FROM CONSTRUCTION DOCUMENTS. SUBMISSION MUST BE REVIEWED PRIOR TO RELEASE OF EQUIPMENT AND PRIOR TO INSTALLATION.
30. ALL FLOOR AND/OR FREE-STANDING ELECTRICAL EQUIPMENT SHALL BE MOUNTED ON A 4" HIGH CONCRETE HOUSEKEEPING PAD, U.O.N.
31. ALL OUTDOOR ELECTRICAL EQUIPMENT SHALL BE WEATHERPROOF (NEMA 3R RATED, MINIMUM) AND LISTED FOR EXTERIOR APPLICATIONS.
32. ALL CIRCUIT BREAKERS SERVING THE FIRE ALARM CONTROL PANEL AND FIRE ALARM SYSTEM COMPONENTS SHALL HAVE LOCKABLE HANDLES AND SHALL BE RED IN COLOR, FOR EASE IN IDENTIFICATION.
33. MOUNTING HEIGHTS OF ALL WIRING DEVICES ARE DIMENSIONED TO THE CENTER OF THE DEVICE, UNLESS OTHERWISE NOTED.
34. PROVIDE GFCI TYPE RECEPTACLES WITH WEATHERPROOF "WHILE-IN-USE" COVERPLATES WITHIN 25' OF ALL EXTERIOR HVAC AND PLUMBING EQUIPMENT.
35. WHERE RECEPTACLES ARE LOCATED OUTSIDE OR IN WET/DAMP LOCATIONS, PROVIDE WEATHERPROOF WHILE-IN-USE COVERPLATES.
36. ALL WIRING DEVICES AND JUNCTION BOX COVERS SHALL HAVE TYPE-ON-TAPE LABELS INDICATING THE PANELBOARD AND CIRCUIT NUMBER(S) SERVING EACH DEVICE.
37. CONTRACTOR SHALL SIZE ALL JUNCTION AND PULL BOXES PER THE MINIMUM CODE REQUIREMENTS OF CEC ARTICLE 314, UNLESS OTHERWISE NOTED ON DRAWINGS.

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SHEET TITLE:
**POWER ONE-LINE
DIAGRAM, RISERS &
SCHEDULES**

Revision Schedule		
NO.	Description	Date

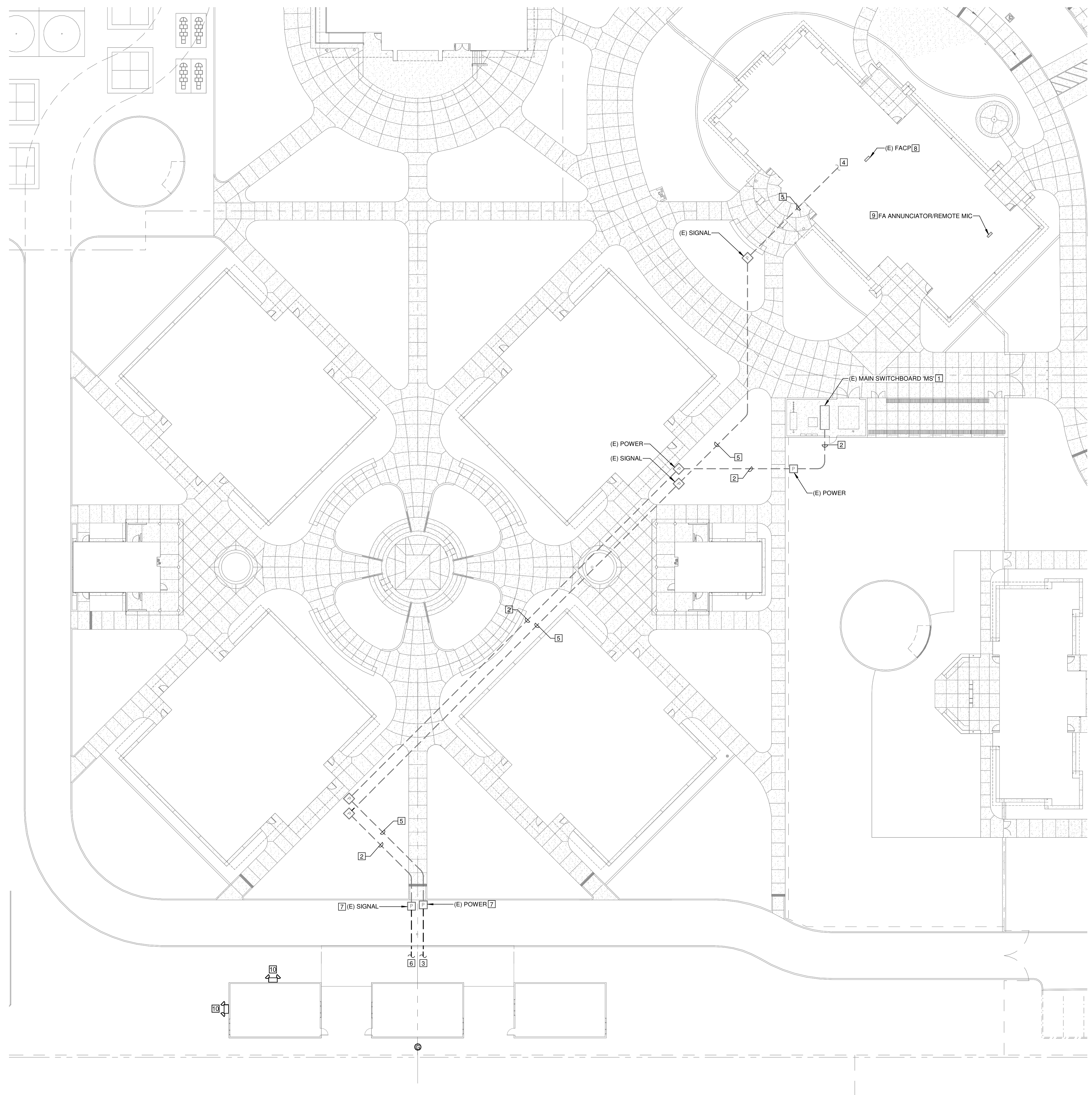
PROJECT #
22.037

ISSUE DATE:
06-06-2023

SHEET #
E0.02

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 0" 40' 1"=40'-0"
 0" 20' 1"=20'-0"
 0" 10' 1"=10'-0"
 0" 8' 1"=8'-0"
 0" 4' 1"=4'-0"
 0" 2' 1"=2'-0"
 0" 16' 1/8"=1'-0"
 0" 8' 1/4"=1'-0"
 0" 4' 1/2"=1'-0"
 0" 2' 3/4"=1'-0"
 0" 1' 1/2"=1'-0"
 0" 6" 3"=1'-0"
 0" 4" 8"=1'-0"
 0" 2" 16"=1'-0"
 0" 1" 32"=1'-0"
 0" 0" 3"=1'-0"



1 ELECTRICAL SITE PLAN
 SCALE: 1" = 20'-0"

GENERAL SHEET NOTES

- A. CALL U.S.A. PRIOR TO UNDERGROUND WORK, 1-800-277-2600.
- B. CONDUIT ROUTING, AND PULLBOX/HANHALE LOCATIONS ARE DIAGRAMMATIC AND NOT DIMENSIONED. LOCATE NEW HANDHOLES IN CLOSEST LANDSCAPED AREA WHEREVER POSSIBLE. COORDINATE WITH LANDSCAPE ARCHITECT. PROVIDE WITH STEEL TRAFFIC RATED LID IN ANY AREA SUBJECT TO VEHICULAR TRAFFIC.
- C. PROVIDE A 6" WIDE UNDERGROUND WARNING TAPE ABOVE ALL NEW UNDERGROUND CONDUIT/CABLES. INSTALL AT 12" ABOVE THE CONDUITS/CABLES. PROVIDE RED TAPE FOR POWER APPLICATIONS. PROVIDE ORANGE TAPE FOR LOW VOLTAGE APPLICATIONS. PROVIDE BOTH RED AND ORANGE TAPES FOR JOINT TRENCH APPLICATIONS.

NUMBERED SHEET NOTES

- 1 REFER TO POWER ONE-LINE DIAGRAM FOR NEW WORK AT MAIN SWITCHBOARD MS.
- 2 ROUTE NEW FEEDER IN EXISTING 2" SPARE CONDUIT. REFER TO POWER ONE-LINE DIAGRAM FOR FEEDER REQUIREMENTS.
- 3 EXTEND NEW FEEDER TO TRANSFORMER TX-1. REFER TO E2.01 FOR CONTINUATION.
- 4 TO EXISTING MDF/MPOE ROOM WITH LOW VOLTAGE HEAD-END EQUIPMENT, INCLUDING MDF RACKS, FIRE ALARM CONTROL PANEL, INTRUSION ALARM EQUIPMENT, AND CLOCK/PA HEAD-END.
- 5 ROUTE NEW LOW VOLTAGE CABLING IN EXISTING SIGNAL SYSTEM CONDUIT PATHWAY, REFER TO LOW VOLTAGE RISER DIAGRAMS FOR CABLING REQUIREMENTS.
- 6 EXTEND 3/2" C. SIGNAL SYSTEM CONDUIT PATHWAY TO PORTABLE BUILDINGS. REFER TO E2.01 FOR CONTINUATION. REFER TO LOW VOLTAGE RISER DIAGRAMS FOR CABLING REQUIREMENTS.
- 7 RE-SET EXISTING N62 PULLBOX AND EXTENSION FLUSH WITH NEW GRADE, PROVIDE NEW CONCRETE LID LABELED 'SIGNAL' AND 'ELECTRICAL' RESPECTIVELY.
- 8 REPLACE EXISTING REMOTE ANNUNCIATOR WITH NEW COMBINATION ANNUNCIATOR/MICROPHONE. REFER TO FIRE ALARM SCHEDULE AND RISER DIAGRAM.
- 9 HIGH-OUTPUT LED FLOODLIGHT, RAB SMSBULLET-2X12-3000K-A OR EQUAL. REFER TO ARCH PLANS FOR EGRESS PATH AND SAFE DISPERSAL AREA, AND AIM LUMINAIRE AS REQ'D. CONNECT TO PORTABLE BUILDING SWITCHED EXTERIOR LIGHTING CIRCUIT.

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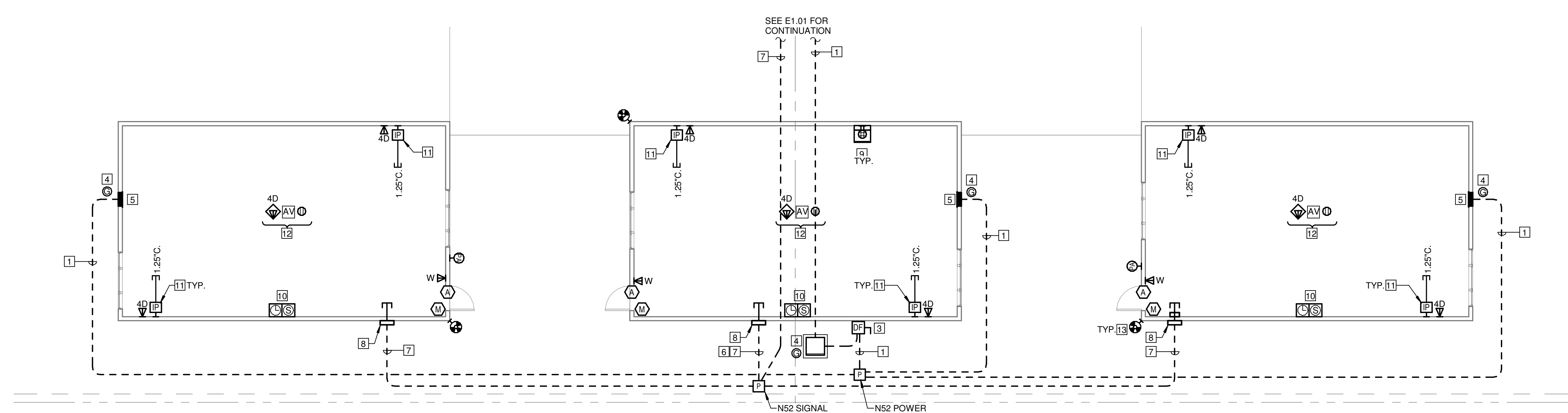
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SHEET TITLE:
ELECTRICAL SITE PLAN

Revision Schedule		
NO.	Description	Date

PROJECT # 22.037
 SHEET # **E1.01**
 ISSUE DATE: 06-06-2023



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

GENERAL SHEET NOTES

- A. CALL U.S.A. PRIOR TO UNDERGROUND WORK, 1-800-227-2600.
- B. CONDUIT ROUTING, AND PULLBOX/HANDHOLE LOCATIONS ARE DIAGRAMMATIC AND NOT DIMENSIONED. LOCATE NEW HANDHOLES IN CLOSES LANDSCAPED AREA WHEREVER POSSIBLE. COORDINATE WITH LANDSCAPE ARCHITECT. PROVIDE WITH STEEL TRAFFIC RATED LID IN ANY AREA SUBJECT TO VEHICULAR TRAFFIC.
- C. HANDHOLES/PULLBOXES FOR POWER DISTRIBUTION SHALL BE SIZED PER CEC REQUIREMENTS, OR 140 MIN. LID SHALL BE ENGRAVED "POWER", UON.
- D. HANDHOLES/PULLBOXES FOR SIGNAL SYSTEM DUCT BANKS SHALL BE 148 MIN. UON. LID SHALL BE ENGRAVED "SIGNAL".
- E. PROVIDE A 6" WIDE UNDERGROUND WARNING TAPE ABOVE ALL NEW UNDERGROUND CONDUITS/CABLES. INSTALL AT 12" ABOVE THE CONDUITS/CABLES. PROVIDE RED TAPE FOR POWER APPLICATIONS, PROVIDE ORANGE TAPE FOR LOW VOLTAGE APPLICATIONS. PROVIDE BOTH RED AND ORANGE TAPES FOR JOINT TRENCH APPLICATIONS.
- F. WIRELESS ACCESS POINT EQUIPMENT SHALL BE OWNER FURNISHED, OWNER INSTALLED. PROVIDE TWO NETWORK DROPS AT EACH LOCATION SHOWN, CONFIRM EXACT LOCATION WITH DISTRICT IT REPRESENTATIVE PRIOR TO ROUGH-IN.
- G. PROVIDE NEW COMPONENTS AT THE HEAD END OF CLOCK/PA SYSTEM LOCATED IN THE CAMPUS MDF IN THE ADMINISTRATION BUILDING AS REQUIRED TO EXPAND THE EXISTING SYSTEM. REFER TO SHEET E0.2 FOR RISER DIAGRAM. PROVIDE NEW CLOCKSPEAKERS COMPATIBLE WITH THE EXISTING SYSTEM. PROVIDE COMPLETE SHOP DRAWINGS FOR THIS SYSTEM TO INCLUDE ALL COMPONENTS AND WIRING REQUIRED FOR A COMPLETE AND FUNCTIONAL SYSTEM.
- H. PROVIDE NEW INTRUSION ALARM COMPONENTS COMPATIBLE WITH THE EXISTING CAMPUS ALARM SYSTEM. CONTRACTOR SHALL PROVIDE COMPLETE SHOP DRAWINGS FOR INSTALLATION OF A COMPLETE AND FUNCTIONAL SYSTEM.

NUMBERED SHEET NOTES

- 1 POWER FEEDERS, REFER TO POWER ONE-LINE DIAGRAM ON SHEET E0.2.
- 2 NEMA 3R RATED TRANSFORMER. REFER TO POWER ONE-LINE DIAGRAM ON SHEET E0.2 FOR ADDITIONAL INFORMATION. INSTALL PER 2/E4.0.
- 3 PROVIDE N3R DISCONNECT FUSED AT 150A, OR N3R 3-POLE ENCLOSED CIRCUIT BREAKER AT SECONDARY OF TRANSFORMER.
- 4 GROUND ROD IN GROUND WELL. INSTALL PER 1/E4.0 AND BOND TO MODULAR BUILDING PER 6/E4.0.
- 5 POWER PANEL PROVIDED BY MODULAR BUILDING MANUFACTURER, PROVIDE CONNECTION PER 4/E4.0.
- 6 PROVIDE ADDITIONAL 1-2"C. FOR ROUTING INDOOR/OUTDOOR CAT6A CABLING BETWEEN IDF AND ADJACENT BUILDINGS.
- 7 LOW VOLTAGE SYSTEMS DUCT BANK. PROVIDE (3) 2 0"C. (FIBER, CLOCK/PA & INTRUSION, FIRE ALARM), REFER TO RISER DIAGRAMS ON SHEET E0.2 FOR CABLING REQUIREMENTS.
- 8 ROUTE LOW VOLTAGE CONDUITS TO N3R JUNCTION BOX INSTALLED PER 5/E4.0 AND STUB 4-2"C. INTO ACCESSIBLE CEILING SPACE AS INDICATED.
- 9 WALL MOUNTED IDF CABINET. REFER TO 3/E4.0 FOR INSTALLATION. HOME RUN ALL NEW DATA CABLING TO IDF. PROVIDE NEW DEDICATED 120V CIRCUIT AND QUAD RECEPTACLE AS SHOWN.
- 10 WALL MOUNTED CLOCK/SPEAKER IN SURFACE BACKBOX COMPATIBLE WITH THE EXISTING CAMPUS SYSTEMS. INFRASTRUCTURE PROVIDED BY MODULAR BUILDING MANUFACTURER.
- 11 PROVIDE EXTRON WPD 100 AV SERIES HDMI WALLPLATE DEVICE IN EXTRA DEEP 4" SQ BOX WITH SINGLE GANG DEVICE RING, OR GANG WITH TELECOM DEVICE. PROVIDE 50' FSD DIGITAL RIBBON HDMI CABLE TO AV BOX IN CEILING.
- 12 PROVIDE PROJECTOR PLATE, CHIEF CMA-440 OR EQUAL, WITH 4 CEILING SUPPORT WIRES TO STRUCTURE ABOVE. FOR OWNER FURNISHED PROJECTOR PLATE. LOCATE DEVICES IN PROJECTOR PLATE. DATA DROPS ARE FOR PROJECTOR AND FOR OWNER FURNISHED. CONTRACTOR INSTALLED WAP INSTALLED BEHIND THE PROJECTOR. AV PLATE SHALL HAVE TWO HDMI TERMINALS.
- 13 IP BASED SECURITY CAMERAS ARE OWNER FURNISHED, OWNER INSTALLED. PROVIDE 2 TERMINATED DATA DROPS ABOVE CEILING IN CORNER NEAR CAMERA. CONTRACTOR TO PROVIDE WEATHERPROOF CONDUIT PENETRATION AND FLEX TO CAMERA LOCATION, COORDINATE WITH THE OWNER'S VENDOR.

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SHEET TITLE:
ELECTRICAL PLAN

Revision Schedule		
NO.	Description	Date

PROJECT # 22.037	SHEET # E2.01
ISSUE DATE: 06-06-2023	

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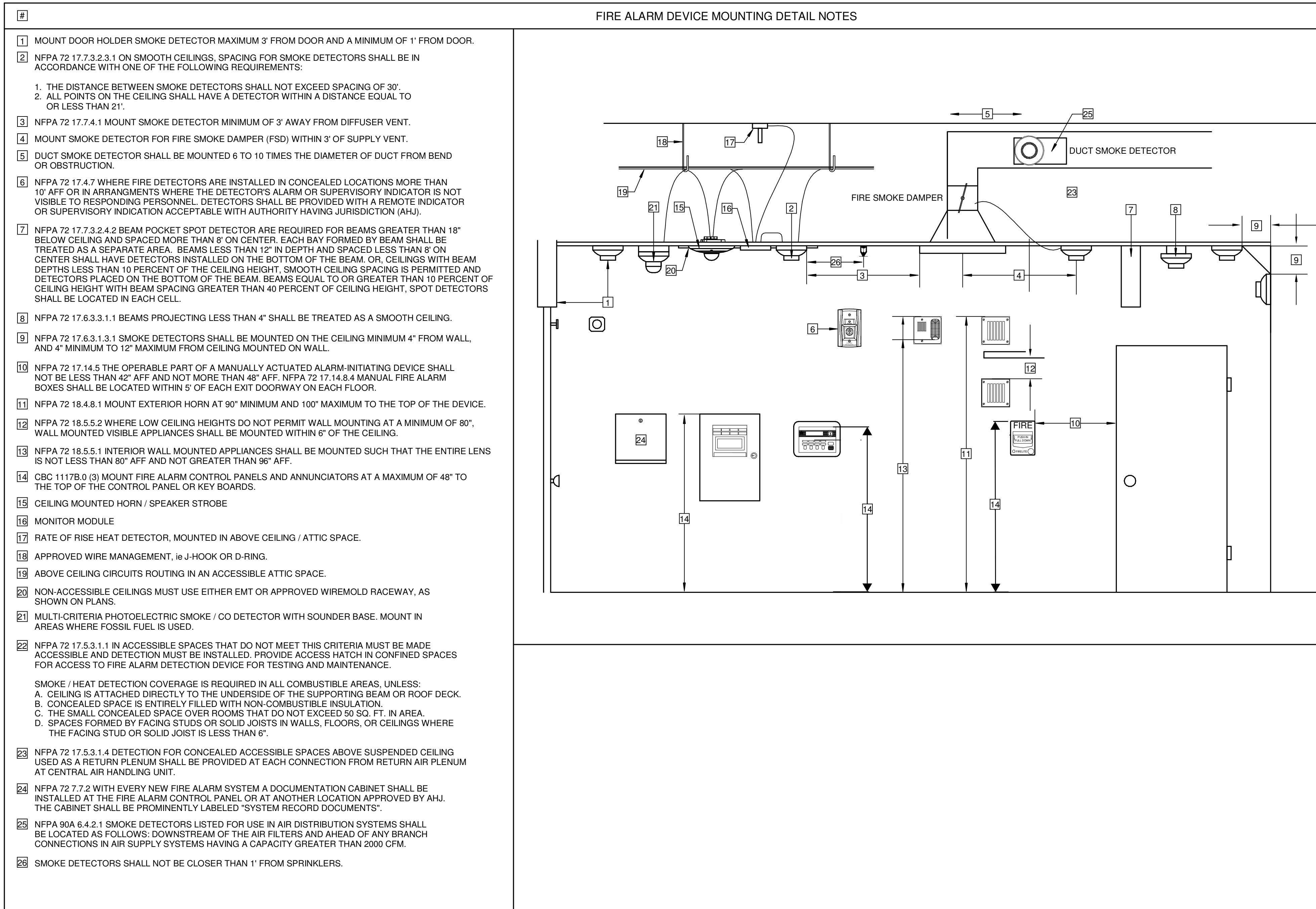
FIRE ALARM SYSTEM MATRIX								
	SMOKE DETECTOR	HEAT DETECTOR	OPEN/SHORT CIRCUIT	GROUND FAULT	A/C LOSS	BATTERY TROUBLE	SYSTEM SILENCE	SYSTEM RESET
ALARM AT FACP & REMOTE ANNUNCIATOR(S)	X	X						
SUPERVISORY AT FACP & REMOTE ANNUNCIATOR(S)			X	X	X	X		
TROUBLE AT FACP & REMOTE ANNUNCIATOR(S)							X	
REPORT EVENT TO OFFSITE SUPERVISING STATION	X	X	X	X	X	X		
ACTIVATE EVACUATION SIGNALS	X	X						
DEACTIVATE EVACUATION SIGNALS							X	
DEACTIVATE VISUAL SIGNALS							X	
RESET FACP TO NORMAL CONDITION								X

FIRE ALARM SYSTEM CABLE SCHEDULE						
CABLE TAG	CIRCUIT DESCRIPTION	CABLE TYPE	GAUGE	CONDUCTORS	COLOR	
A	SIGNAL LINE CIRCUIT (SLC)	FPL	#18	2	RED JACKET	
B	NOTIFICATION APPLIANCE CIRCUIT (NAC)	FPL	#12	2	RED JACKET	
E	BOOSTER TRIGGER	FPL	#14	4	RED JACKET	
F	UNDERGROUND SLC	WATER TIGHT	#14	2	BLACK JACKET	
G	UNDERGROUND NAC	WATER TIGHT	#12	2	BLACK JACKET	
S	SPEAKER CIRCUIT	FPL	#14	2	BLACK JACKET	
C	UNDERGROUND SPEAKER CIRCUIT	FPL	#14	2	BLACK JACKET	

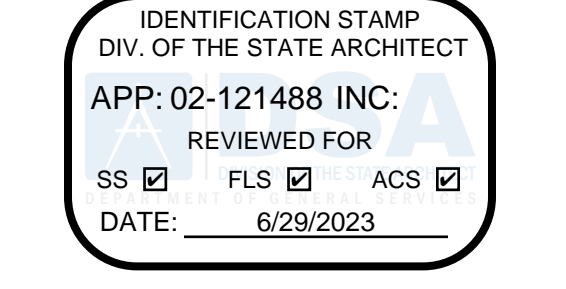
FIRE ALARM SYSTEM COMPONENT SCHEDULE					
SYMBOL	EQUIPMENT DESCRIPTION	MODEL NO.	MANUFACTURER	CSFM LISTING	
FACP	(E) FIRE ALARM CONTROL PANEL (N) AUDIO SOURCE UNIT	EST 3 ASU	EDWARDS EDWARDS	7165-1657-0186 7165-1657-0186	
LOC	(N) LOCAL OPERATING CONSOLE	3-REMICA	EDWARDS	7272-1657-0193	
AMP	SPEAKER AMPLIFIER PANEL	SIGA-AA30	EDWARDS	7300-1657-0121	
BPS	NOTIFICATION BOOSTER PANEL	BPS6A	EDWARDS	7300-1657-0229	
IM	ISOLATOR MODULE	SIGA-IM	EDWARDS	7300-1657-0121	
SM	SINGLE INPUT MONITOR MODULE	SIGA-CT1	EDWARDS	7300-1657-0121	
AD	ADDRESSABLE SMOKE DETECTOR	SIGA-PD	EDWARDS	7272-1657-0331	
AH	CONVENTIONAL HEAT DETECTOR AH = ATTIC HEAT (ie. ABOVE CEILING)	5604	SYSTEM SENSOR	7270-1653-0167	
CS	CEILING MOUNTED SPEAKER/STROBE	SPSCRL	SYSTEM SENSOR	7320-1653-0505	
WP	WEATHERPROOF WALL MOUNTED SPEAKER	SPRK	SYSTEM SENSOR	7320-1653-0201	

NOTE: CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF COMPONENTS SHOWN ON THE FLOOR PLANS. REFER TO SPECIFICATION FOR SPARE DEVICE QUANTITY REQUIREMENTS

- ### FIRE ALARM NOTES
- WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
 - STATE CALIFORNIA CODE OF REGULATIONS (CCR) 2022 TITLE 24 CALIFORNIA BUILDING CODE
 - PART 2, 2022 CALIFORNIA BUILDING CODE (CBC)
 - PART 3, 2022 CALIFORNIA ELECTRICAL CODE (CEC), 2022 NEC.
 - PART 4, 2022 CALIFORNIA MECHANICAL CODE (CMC)
 - PART 5, 2022 CALIFORNIA PLUMBING CODE (CPC)
 - PART 9, 2022 CALIFORNIA FIRE CODE (CFC)
 - 2019 NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 13, 72, 80, 90A, 99, AND 101.
 - INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTATION AND SPECIFICATION, INCLUDING STATE FIRE MARSHALL LISTING SHEETS FOR EACH COMPONENT OF THE SYSTEM HAS BEEN APPROVED BY DSA.
 - UPON COMPLETION OF INSTALLATION OF THE SYSTEMS, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF A DSA PROJECT INSPECTOR.
 - A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.
 - ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF DSA AND THE ARCHITECT/ENGINEER OF RECORD.
 - DSA, ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND/OR TESTING.
 - ALL PENETRATIONS THROUGH RATED ASSEMBLIES, REQUIRING OPENING PROTECTION SHALL BE PROVIDED WITHIN THE SPECIFICATION WITHIN THE FIRE ALARM SECTION.
 - AUDIBLE DEVICES SHALL PROVIDE A SOUND PRESSURE LEVEL OF 15 DECIBELS (Dba) ABOVE THE AVERAGE AMBIENT SOUND LEVEL OR 5 Dba ABOVE THE MAXIMUM SOUND LEVEL, HAVING A DURATION AT LEAST 60 SECONDS, WHICHEVER IS GREATER, IN EVERY OCCUPIED SPACE WITHIN THE BUILDING.
 - AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN.
 - THE CONTRACTOR SHALL ADJUST/INSTALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.
 - VISUAL DEVICES SHOULD NOT EXCEED 2 FLASHES PER SECOND AND SHOULD NOT BE SLOWER THAN 1 FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE NOT LESS THAN 15 CANDELA. VISUAL DEVICES WITHIN 55' FROM EACH OTHER SHALL BE SYNCHRONIZED.
 - UNDERGROUND AND EXTERIOR CONDUIT SHALL HAVE WATERTIGHT FITTINGS AND WIRE TO BE APPROVED FOR WET LOCATIONS.
 - ALL FIRE ALARM WIRING SHALL BE FPL (FIRE POWER LIMITED) OR FPLP (FIRE POWER LIMITED PLENUM) AS REQUIRED FOR APPLICATION. WIRING IN CONDUIT ABOVE GROUND MAY BE THHN OR THWN.
 - PER CEC STANDARDS, ALL WIRING IS TO BE PULLED THROUGH EACH JUNCTION BOX AND CONNECTED DIRECTLY TO EACH FIRE DEVICE. DO NOT SPLICE THE WIRE. ALL BOXES TO BE SIZED PER CEC.
 - IN AREA OF CONSTRUCTION OR POSSIBLE DAMAGE/CONTAMINATION OF NEWLY INSTALLED FIRE ALARM DEVICES SHALL BE COVERED UNTIL AREA IS READY TO BE TURNED OVER TO THE OWNER.
 - ALL FIRE ALARM CIRCUITS ARE TO BE IN CONDUIT, SURFACE RACEWAY OR OPEN RUN ABOVE THE CEILING, UNDER FLOORS AND IN WALLS IN A NEAT AND PROTECTED MANNER AS INDICATED ON THE DESIGN DOCUMENTS. EXPOSED CIRCUITS ARE ONLY PERMITTED WHEN NOTED AS EXPOSED ON DESIGN DOCUMENTS.
 - FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURERS SPECIFICATIONS. NO DEVICE SHALL EXCEED THE WEIGHT OF 20 LBS. WITHOUT SPECIAL MOUNTING DETAILS.
 - A DEDICATED BRANCH CIRCUIT SHALL BE PROVIDED FOR FIRE ALARM EQUIPMENT. THIS CIRCUIT SHALL BE ENERGIZED FROM A COMMON USE AREA PANEL AND SHALL HAVE NO OTHER OUTLETS. THE BREAKER SHALL HAVE A RED LOCKING DEVICE TO BLOCK THE HANDLE IN THE 'ON' POSITION. THE CIRCUIT BREAKER SHALL BE LABELED "FIRE ALARM CIRCUIT CONTROL". CIRCUIT ID TO BE LABELED AT FIRE PANEL/EXPANDERS.
 - THE INSTALLER CONTRACTOR SHALL PROVIDE A RECORD OF COMPLETION PER NFPA 72, FIGURE 10.8.2.1.1.
 - CONTROL PANELS, REMOTE ANNUNCIATORS SHALL BE MOUNTED WITH THE TOP OF THE CONTROL DEVICE OR KEYPAD TO BE A MAXIMUM OF 48".
 - THE INSTALLING CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY MONITORING PER CFC SECTION 901.6.2.
 - SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FINAL ACCEPTANCE TEST.
 - OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PROVISIONS.
 - THE FIRE ALARM SYSTEM SHALL CONFORM TO 2022 CALIFORNIA ELECTRICAL CODE (CEC) ARTICLE 760 AND 2022 CALIFORNIA FIRE CODE (CFC) SECTION 907.
 - BEFORE REQUESTING FINAL APPROVAL OF THE INSTALLATION THE INSTALLING CONTRACTOR SHALL FURNISH A WRITTEN STATEMENT TO THE DSA PROJECT INSPECTOR TO THE EFFECT THAT THE SYSTEM HAS BEEN INSTALLED AND TESTED IN ACCORDANCE WITH THE 2019 NFPA 72 SECTION 14.4.1
 - UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE DSA PROJECT INSPECTOR.
 - PROVIDE A RECORD OF COMPLETION PER NFPA 72 CHAPTER 7.5.6.
 - AUTOMATIC FIRE ALARM SYSTEM SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 AND CBC 907.6.5.2. THE SUPERVISING STATION SHALL BE LISTED AS EITHER ULFJX OR UJUS. BY UL OR SHALL MEET THE REQUIREMENTS OF FM STANDARDS 3011.
 - TEST, INSPECTION AND MAINTENANCE SHALL COMPLY WITH NFPA 72 CHAPTER 14 REQUIREMENTS.
 - EACH BUILDING TO BE A SEPARATE SPEAKER ZONE. (CFC 907.63).



FIRE ALARM SYSTEM DESCRIPTION
SCOPE OF THIS PROJECT IS TO TIE IN TO EXISTING SLC CIRCUIT. ADD NEW POWER SUPPLY, AUDIO SOURCE UNIT (ASU), REMICA REMOTE MICROPHONE, DEVICES AND WIRING.
FIRE ALARM SYSTEM: CLASS B
IDC: CLASS B
SLC CIRCUIT: CLASS B
NOTIFICATION CIRCUIT: CLASS B



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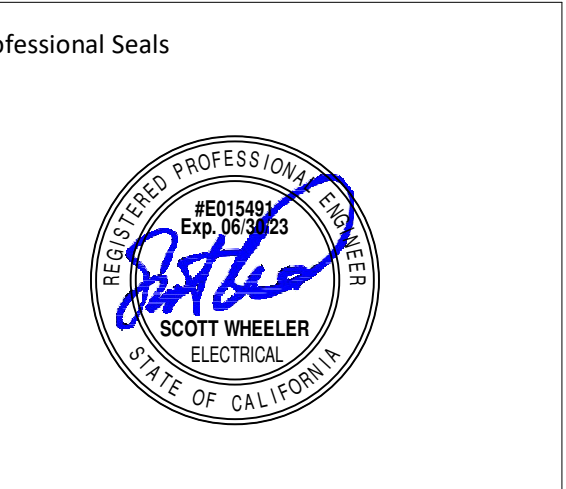
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SHEET TITLE:
SCHEDULES NOTES & CALCULATIONS

Revision Schedule		
NO.	Description	Date

PROJECT #
22.037

ISSUE DATE:
06-06-2023

SHEET #
E3.01

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AMP A1											
Device Type	QTY	Standby Current (amps)			Alarm Current (amps)						
		Watts	Current Draw	Total	Qty	Current Draw	Total				
1. System											
SIGA AA30	1	30	X	0.0860	=	0.0860	0	X	2.2060	=	2.2060
			X		=		0	X		=	0.0000
			X		=		0	X		=	0.0000
2. Speakers											
Total Speaker Watts @ 25Vrms		0							0.0000	=	0.0000
Total Speaker Watts @ 70.7Vrms		8							0.1132	=	0.1132
Total Standby Load				0.0860					Total Alarm Load		2.3192
Required Standby Time in Hours											
			X	24	=	2.064 AH					
Required Alarm Time in Hours											
			X	15	=	0.580 AH					
Total Current Load											
											2.64 AH
*Multiply by the Derating Factor =											
											x 1.25
Total Ampere Hours Required											
											3.30 AH
Recommended Batteries:											
											7AH BATTERIES

*Derating Factor required to compensate for the non-linear discharge characteristic of a battery.

FACP									
Qty	Device	DEVICES				SUBTOTAL			
		Standby	Alarm	Standby	Alarm	Standby	Alarm	Standby	Alarm
6	SMOKE DETECTOR	0.081000	0.150000	0.486000	0.900000				
3	ISOLATION MODULE	0.000200	0.000200	0.000600	0.000600				
3	SINGLE INPUT MODULE	0.000200	0.000200	0.000600	0.000600				
Signaling Line Circuit Load				0.487200	0.912000				

DEVICE	CD	DRAW (EA)	NAC1	NAC2	NAC3	NAC4	NAC5	NAC6	TOTAL
SPEAKER STROBE									
SPEAKER STROBE									
SPEAKER STROBE									
SPEAKER STROBE									
STROBE									
STROBE									
STROBE									
STROBE									
SPEAKER									
LOUDER									

CIRCUIT ID	TOTAL A	LENGTH FT.	AWG	%VD	VD
NAC1			12		
NAC2			12		
NAC3			12		
NAC4			12		
NAC5			12		
NAC6			12		

Totals Panel Current:	Standby	Alarm
Hours in Standby:	24	0.912
Standby Ah:	11.60	
Minutes in Alarm:		15
Alarm Ah:		0.23
Spare/Future Capacity - 25%:		2.98
Minimum Battery Capacity Required - Ah:		14.90

Panel Loading	
Panel Capacity (Amps)	Panel Load (Amps)
8.00	1.40

FOOTHILL PORTABLES BPS-1									
Qty	Device	DEVICES				SUBTOTAL			
		Standby	Alarm	Standby	Alarm	Standby	Alarm	Standby	Alarm
1	BPS-6A	0.091000	0.145000	0.091000	0.145000				
Panel Load				0.091000	0.145000				

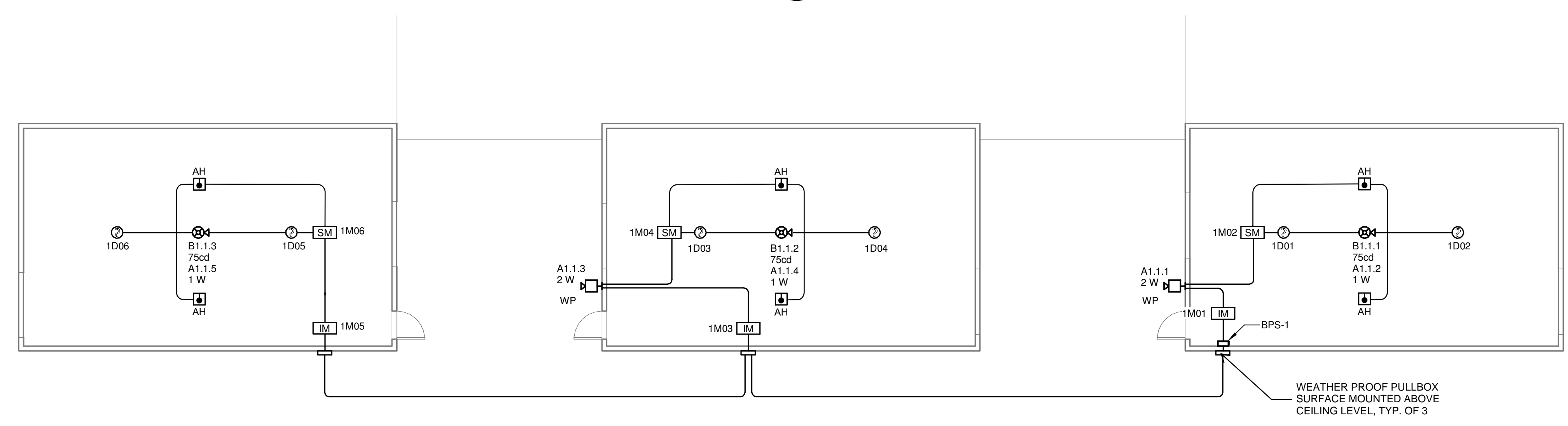
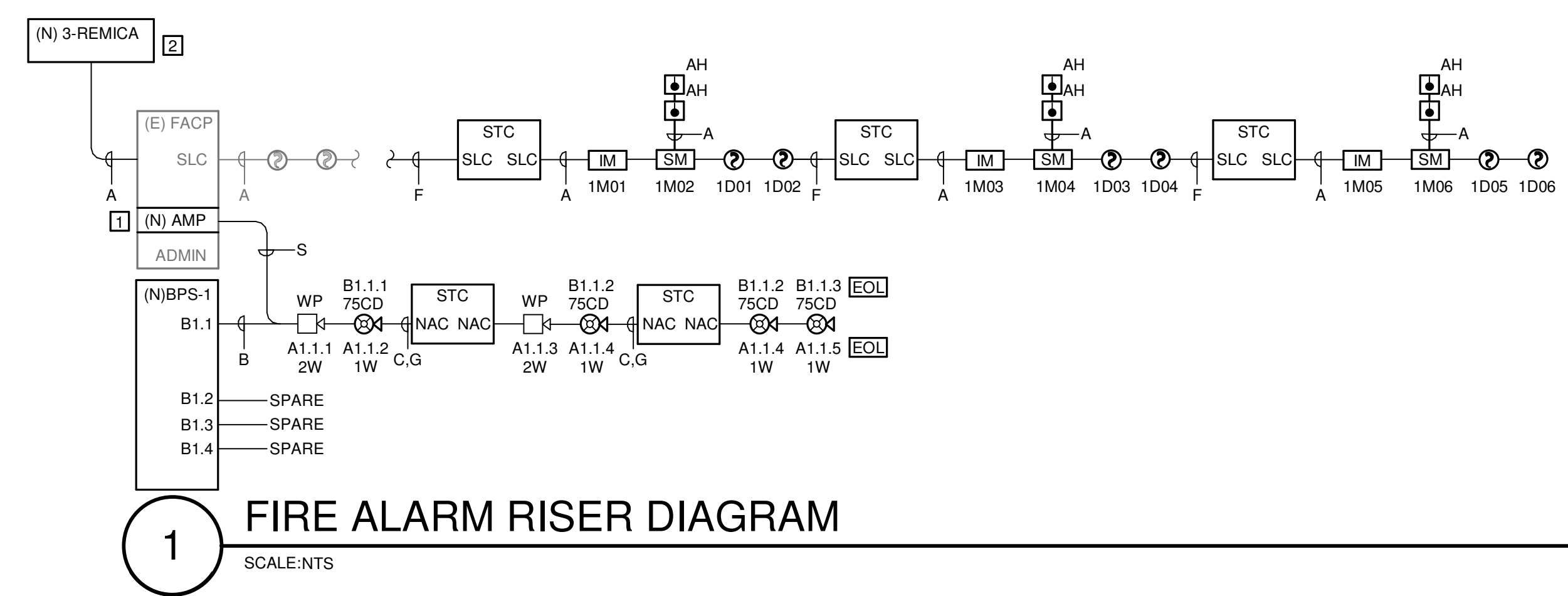
DEVICE	CD	DRAW (EA)	B1.1	B1.2	B1.3	B1.4	TOTAL
SPEAKER STROBE		15	0.041				
SPEAKER STROBE		30	0.083				
SPEAKER STROBE		75	0.111	4			0.444
STROBE		15	0.041				
STROBE		30	0.083				
STROBE		75	0.111				

CIRCUIT ID	TOTAL A	LENGTH FT.	AWG	%VD	VD
B1.1	0.444	200	12	1.68%	0.34
B1.2			12		
B1.3			12		
B1.4			12		

Totals Panel Current:		Standby	Alarm
0.091	0.588		
Hours in Standby:	24		
Standby Ah:	2.16		
Minutes in Alarm:		15	
Alarm Ah:		0.15	
Spare/Future Capacity - 25%:		0.58	
Minimum Battery Capacity Required - Ah:		7.00	

Panel Loading	
Panel Capacity (Amps)	Panel Load (Amps)
8.00	0.68

- ### NUMBERED SHEET NOTES
- PROVIDE NEW AUDIO SOURCE UNIT (ASU) AND AMPLIFIER IN EXISTING EST-3X FIRE ALARM CONTROL PANEL FOR USE WITH NEW SPEAKER STROBES LOCATED IN THE NEW PORTABLE BUILDINGS. REFER TO E3.01 FOR CONTINUATION.
 - PROVIDE NEW BACKBOX FOR EXISTING REMOTE ANNUNCIATOR TO ALLOW 3-REMICA TO BE INSTALLED FOR USE WITH NEW AUDIO SOURCE UNIT (ASU).



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC.
REVIEWED FOR
SS [X] FLS [X] ACS [X]
DATE: 6/29/2023

Derivi
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Architects
Central Valley
3031 W March Ln, Ste 334
Stockton, CA 95219
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STATE OF CALIFORNIA

GALT JOINT UNION ELEMENTARY
SCHOOL DISTRICT
Lake Canyons ES Portables
800 Lake Canyon Ave., Galt, CA 95632

SHEET TITLE:
FIRE ALARM PLAN &
RISER DIAGRAM

Revision Schedule		
NO.	Description	Date

PROJECT #
22.037
ISSUE DATE:
06-06-2023

SHEET #
E3.02

Sheet List	
Sheet Number	Sheet Name
E2.3	120'x40' T24 CZ 16 (WALL AC)
E2.1	120'x40' T24 CZ 16 (WALL AC)
E2.2	120'x40' T24 CZ 16 (WALL AC)
Cover	
A0.0	COVER SHEET
A0.1	PROJECT OPTIONS SCHEDULE
A0.1	TYPICAL KEY PLAN AND SCHEDULES, GEN NOTES,
A0.2	SIGNAGE AND SYMBOLS
A0.3	DSA-103 T&I CONCRETE FLOORS
A0.4	DSA-103 T&I PLYWOOD FLOORS
A0.5	CALGREEN SPECS
Architectural	
A1.0	24x40 FLOOR PLAN
A1.1	36x40 FLOOR PLAN
A1.2	48x40 FLOOR PLAN
A2.1	ARCHITECTURAL DETAILS (WOOD FRAMING SHTG FINISH)
A2.2	ARCHITECTURAL DETAILS (WOOD FRAMING PLASTER FINISH)
A2.3	ARCHITECTURAL DETAILS (MTL FRAMING SHTG FINISH)
A2.4	ARCHITECTURAL DETAILS (MTL FRAMING PLASTER FINISH)
A2.5	ARCHITECTURAL DETAILS (1-HR WOOD FRAMING SHTG FINISH)
A2.6	ARCHITECTURAL DETAILS (1-HR WOOD FRAMING PLASTER FINISH)
A2.7	ARCHITECTURAL DETAILS (1-HR MTL FRAMING SHTG FINISH)
A2.8	ARCHITECTURAL DETAILS (1-HR MTL FRAMING PLASTER FINISH)
A2.9	ARCHITECTURAL DETAILS (FLOOR)
A3.0	ADDITIONAL FIRE RATINGS DETAILS AND NOTES
A3.1	SINGLE OCC. BATHROOM
A3.2	ROOF
A3.2.1	CEILING NOTES
A3.3	CEILING DETAILS (T-GRID)
A3.4	CEILING DETAILS (GYP BOARD)
A4.0.1	ROOF PLAN MONO SLOPE (STANDING SEAM)
A4.0.2	ROOF PLAN DUAL SLOPE (STANDING SEAM)
A4.1	ROOF DETAILS (STANDING SEAM)
A4.2.1	ROOF PLAN MONO SLOPE (EPDM)
A4.2.2	ROOF PLAN DUAL SLOPE (EPDM)
A4.3	ROOF DETAILS (EPDM)
A4.4.1	ROOF PLAN w/PARAPET MONO SLOPE (EPDM)
A4.5	ARCHITECTURAL DETAILS (PARAPET)
A5.0	SIDEWALL ELEVATION
A5.1	ENDWALL ELEVATIONS
A5.2	INTERIOR ELEVATIONS
A6.0	SECTION - STANDING SEAM (MONO)
A6.0.1	SECTION - STANDING SEAM (DUAL)
A6.1	SECTION - EPDM (DUAL)
A6.2	SECTION
A6.3	SECTION - EPDM (MONO)
A7.0	ADDITIONAL OPTION DETAILS
A7.1	ADDITIONAL OPTION DETAILS
A7.2	ADDITIONAL OPTION DETAILS
MEP	
E1.0	ELECTRICAL PLAN 24x40
E1.1	ELECTRICAL SCHEDULES 24x40
E1.2	ELECTRICAL PLAN 36x40
E1.3	ELECTRICAL SCHEDULES 36x40
E1.4	ELECTRICAL PLAN 48x40
E1.5	ELECTRICAL SCHEDULES 48x40
MISC	
M0.1	MISCELLANEOUS NOTES & DETAILS
M2.1	120'x40' T24 CZ 16 (WALL AC)
M2.2	120'x40' T24 CZ 16 (WALL AC)
M2.3	120'x40' T24 CZ 16 (WALL AC)
M2.4	120'x40' T24 CZ 16 (WALL AC)
M5.1	MECHANICAL CEILING PLAN 24x40
M6.1	MECHANICAL ROOF MOUNT 24x40
M6.2	MECHANICAL CEILING PLAN 36x40
M7.1	MECHANICAL ROOF MOUNT 36x40
M7.2	MECHANICAL CEILING PLAN 48x40
M7.3	MECHANICAL ROOF MOUNT 48x40
P1.0	TYPICAL PLUMBING DETAILS
Foundation	
F1.10	WOOD FOUNDATION NOTES SCHED FOR BLDG W/ 50+15
F1.11	WOOD FOUNDATION PLAN 24x40 BLDG W/ 50+15
F1.12	WOOD FOUNDATION PLAN 36x40 BLDG W/ 50+15
F1.13	WOOD FOUNDATION PLAN 48x40 BLDG W/ 50+15
F1.14	MODLINE "B" W/ EXTERIOR WALLS BACK TO BACK 100 PSF
F1.20	WOOD FOUNDATION NOTES SCHED FOR BLDG W/ 100 PSF
F1.21	WOOD FOUNDATION PLAN 24x40 BLDG W/ 100 PSF
F1.22	WOOD FOUNDATION PLAN 36x40 BLDG W/ 100 PSF
F1.23	WOOD FOUNDATION PLAN 48x40 BLDG W/ 100 PSF
F1.24	MODLINE "B" W/ EXTERIOR WALLS BACK TO BACK 100 PSF
F1.30	WOOD FOUNDATION NOTES SCHED FOR BLDG W/ 150 PSF
F1.31	WOOD FOUNDATION PLAN 24x40 BLDG W/ 150 PSF
F1.32	WOOD FOUNDATION PLAN 36x40 BLDG W/ 150 PSF
F1.33	WOOD FOUNDATION PLAN 48x40 BLDG W/ 150 PSF
F1.34	MODLINE "B" W/ EXTERIOR WALLS BACK TO BACK 150 PSF
F1.40	WOOD FOUNDATION DETAILS
F2.10	CONCRETE FOUNDATION PLAN
F2.20	CONCRETE FOUNDATION DETAILS
F2.21	CONCRETE FOUNDATION DETAILS
F2.23	CONCRETE FOUNDATION DETAILS
Structural	
S0.1	STRUCTURAL GEN NOTES
S1.0.1	WD SHTG FLR FRMG PLAN (50+15 PSF)
S1.0.2	WD SHTG FLR FRMG PLAN (100 PSF)
S1.0.3	WD SHTG FLR FRMG PLAN (150 PSF)
S1.1.1	CONC FLR FRMG PLAN (50+15 PSF)
S1.1.2	CONC FLR FRMG PLAN (100 PSF)
S1.1.3	CONC FLR FRMG PLAN (150 PSF)
S1.2	STRUCTURAL DETAILS (FLOOR)
S3.0.1	MONO SLOPE ROOF FRMG PLAN
S3.0.2	DUAL SLOPE ROOF FRMG PLAN
S3.1	STRUCTURAL DETAILS (ROOF)
S3.2	ROOF DETAILS (SHTG/MTL/FRAMING)
S3.3	ROOF PERIMETER TRUSS
S4.0	MTL WALL FRAMING ELEVATIONS
S4.1	WD WALL FRAMING ELEVATIONS
S4.2	WALL DETAILS (WOOD FRAMING)
S4.3	WALL DETAILS (MTL FRAMING)
S4.4	TYP FRAMING
S4.5	FRAMING SCHEDULES
S5.0	LONG SECTION - (MONO)
S5.1	LONG SECTION - (DUAL)
S6.0	MODULE PLAN AND NOTES
S6.1	RAMP LANDING
S6.2	LANDING FRAMING
S6.3	FOUNDATION PLAN
S6.4	RAMP ELEVATION
S6.5	RAMP DETAILS
S6.6	RAMP DETAILS
S6.7	STAIR CONN

Sheet List	
Sheet Number	Sheet Name
Under Separate Cover	
FS-1	FIRE SPRINKLER DESIGN 1
FS-2	FIRE SPRINKLER DESIGN 2
FOUNDATION	
C-1.0	COVER SHEET
F-7.0	DETAILS AND NOTES
RAMP AND LANDING STOCKPILE	
SR0	MODULE PLAN AND NOTES
SR1	RAMP AND LANDING PLAN
SR2	RAMP AND LANDING FRAMING
SR3	FOUNDATION PLAN
SR4	RAMP AND LANDING / STAIR FRAMING
SR5	RAMP DETAILS
SR6	RAMP DETAILS
SR7	STAIR CONNECTION

DESIGN CODES

PARTIAL LIST OF APPLICABLE CODES AS OF February 28, 2017

2016 Administrative Code (CAC), Part 1, Title 24 C.C.R. *

2016 California Building Code (CBC), Part 2, Title 24 C.C.R.

(2015 International Building Code with 2016 California Amendments)

2016 California Electrical Code (CEC), Part 3, Title 24 C.C.R.

(2014 National Electrical Code with 2016 California Amendments)

2016 California Mechanical Code (CMC), Part 4, Title 24 C.C.R.

(2015 Uniform Mechanical Code with 2016 California Amendments)

2016 California Plumbing Code (CPC), Part 5, Title 24 C.C.R.

(2015 Uniform Plumbing Code with 2016 California Amendments)

2016 California Energy Code (CEC), Part 6, Title 24 C.C.R.

2016 California Fire Code, Part 9, Title 24 C.C.R.

(2015 International Fire Code with 2016 California Amendments)

2016 California Green Building Standards Code, Part 11, Title 24 C.C.R.

2016 California Referenced Standards, Part 12, Title 24 C.C.R.

Title 19 C.C.R., Public Safety, State Fire Marshal Regulations.

2013 ASME A17.1 (W/ CSA B44-13) Safety Code for Elevators and Escalators

PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13	Automatic Sprinkler Systems	2016 Edition
NFPA 14	Standpipe Systems	2013 Edition
NFPA 17	Dry Chemical Extinguishing Systems	2013 Edition
NFPA 17a	Wet Chemical Systems	2013 Edition
NFPA 20	Stationary Pumps	2016 Edition
NFPA 22	Water Tanks for Private Fire Protection	2013 Edition
NFPA 24	Private Fire Mains	2016 Edition
NFPA 72	National Fire Alarm Code	2016 Edition
NFPA 80	Fire Doors and Other Opening Protectives	2016 Edition
NFPA 92	Standard for Smoke Control Systems	2015 Edition
NFPA 253	Critical Radiant Flux of Floor Covering Systems	2015 Edition
NFPA 2001	Clean Agent Fire Extinguishing Systems	2015 Edition
ICC 300	ICC Standards on Bleachers, Folding and Telescoping Seating and Grandstands	2012 Edition
UL 300	Fire Testing of Fire Extinguishing System for Protection Of Restaurant Cooking Areas	2005 Edition
UL 464	Audiovisual Sign Appliances	2003 Edition
UL 521	Heat Detectors for Fire Protective Signaling Systems	1999 Edition

Reference Code Section for NFPA Standards - 2016 CBC (SFM) Chapter 35. See Chapter 35 for State of California amendments to NFPA Standards.

* California Administrative Code, Part 1, Chapter 10, Administrative Regulations for the California Energy Commission (CEC).

ACOUSTICAL CONTROL (EXTERIOR) REQUIREMENTS

Per the 2016 CCR, Title 24, Part 11 (CALGREEN CODE) Section 5.507.4. This pre-check building is not allowed to be placed:

- Within the 65 CNEL noise contour of an airport;
- Within the 65 CNEL or Ldn noise contour of a freeway, expressway, railroad, or industrial source guideway;
- Or in a location exposed to a noise level of 65 dB Leq-1hr, during any hour of operation.

CODE	ADOPTED YEAR	ITEM
NFPA 13	2016	AUTOMATIC SPRINKLER SYSTEMS
NFPA 72	2016	NATIONAL FIRE ALARM CODE w/ CALIFORNIA AMENDMENTS

NOTE: VISUAL DEVICES PER UL STANDARD 1971

THIS PC HAS A "PRE-DESIGNED" FIRE SPRINKLER SYSTEM INSTALLED. SEE BELOW FOR SITE REQUIREMENTS BY OWNER

IT IS THE OWNERS RESPONSIBILITY TO ENSURE THE MINIMUM FLOW (GPM) AND PRESSURE (PSI) CAN BE ATTAINED AT THE BASE OF THE RISER AT THE PROPOSED SITE FOR EACH PROPOSED BUILDING.

THIS PC REQUIRES

MINIMUM GPM : 250
MINIMUM PSI : 35

FAILURE TO ATTAIN THE MIN GPM/PSI MAY NECESSITATE THE INSTALLATION OF ONE OR MORE OF THE FOLLOWING ITEMS/EQUIPMENTS.

A. WATER TANK

- FIRE PUMP
- BACK UP FIRE SUPPLY

B. ADDITIONAL UNDERGROUND FIRE LINE TAPS

C. ALL OR ANY COMBINATION OF THE ABOVE OR ANY OTHERS AS REQUIRED TO ENSURE PROPER OPERATION OF THE AFSR

THE FOLLOWING MUST BE SUPPLIED TO DSA AT THE TIME OF SUBMITTAL WITH THE SITE PLAN FOR EACH PROPOSED BUILDING WITH AN AFSR.

- MINIMUM GPM/PSI REQUIRED
- WATER FLOW DATA (SEE DSA AFSR GUIDELINES)
- SITE PLAN SHOWING THE LOCATION OF THE "FLOW" AND "TEST" HYDRANTS (FULLY DIMENSIONED)
- ALL (NEW AND EXISTING) UNDERGROUND FIRE LINES/PIPING-LENGTH AND SIZE SHOWING LOCATION AND METHOD OF UNDERGROUND PIPING RESTRAINTS TO TEST HYDRANT
- LOCATION OF ALL (NEW AND EXISTING):
 - FIRE HYDRANTS
 - POST INDICATORS
 - FIRE DEPARTMENT CONNECTIONS
 - PRESSURE REDUCERS
 - BACKFLOW PREVENTION/DETECTOR CHECK VALVES
 - OTHER FIRE RELATED ITEM/EQUIPMENTS APPLICABLE
- HYDRAULIC CALCULATIONS FOR THE UNDERGROUND PIPING WITH THE AVAILABLE GPM/PSI AT THE BASE OF EACH AFSR RISER (MUST MEET OR EXCEED MIN REQ)
- ANY CHANGES TO THE CONFIGURATION (WALLS, CEILINGS, CONSTRUCTION TYPE) OR OCCUPANCY OF THE PC WILL NECESSITATE ADDITIONAL/REVISED HYDRAULIC CALCULATIONS

LOW SEISMIC DESIGN CRITERIA

PC NOT USABLE IN WUI AREAS

CLASS LEASING LLC

PC # 04-116504

24' x 40' EXPANDABLE TO 120' x 40'

STKP # 244

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

PROFESSIONAL STAMP

12/19/2017

THE PLANS, IDEAS & DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF R&S TAVARES ASSOCIATES, INC. DEVISED SOLELY FOR THIS CONTRACT. THESE PLANS SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE FOR WHICH THEY WERE NOT INTENDED WITHOUT THE EXPRESS WRITTEN CONSENT OF R&S TAVARES ASSOCIATES, INC. ©

CLIENT

1221 Harley Knox Boulevard
Peris, CA 92571

CONSTRUCTION OF CLASSROOM BUILDING (RELOCATABLE)

P-19-1913 A/B THRU P-19-2012 A/B (100) 24 X 40	P-19-2013 A/B/C/D THRU P-19-2027 A/B/C/D (15) 48 X 40
--	---

SCOPE OF WORK

CONSTRUCTION OF CLASSROOM BUILDING (RELOCATABLE)

NUMBER OF STORIES: 1
OCCUPANCY: "E"
CONSTRUCTION TYPE: VB
FLOOR LIVE LOAD: 50+15 PSF PARTITION
 100 PSF 150 PSF
FLOOR DEAD LOAD: 10 PSF
 WOOD FLOOR - 11 PSF
 CONC. FLOOR - 33 PSF

ROOF LIVE LOAD: 20 PSF
ROOF SNOW LOAD: 0 PSF
ROOF DEAD LOAD: 18.5 PSF (INCLUDES SPRINKLERS & 3PSF SOLAR PANEL)
RAMP LIVE LOAD: 100PSF
FLOOD DESIGN: This PC has not been designed to accommodate flood loads. If located in a zone other than X, a letter stamped and signed from a soils engineer is needed to validate the allowable soil values assumed in this PC are still applicable.

BUILDING AREA	NO OVERHANG	WITH OVERHANG (5' @ EA. END)
ALLOWABLE AREA	<input type="checkbox"/> 24x40 960 sf	<input checked="" type="checkbox"/> 24x40 1200 sf
=9,500 SF	<input type="checkbox"/> 36x40 1440 sf	<input type="checkbox"/> 36x40 1800 sf
ACTUAL AREA	<input type="checkbox"/> 48x40 1920 sf	<input checked="" type="checkbox"/> 48x40 2400 sf
=4,800 SF	<input type="checkbox"/> 60x40 2400 sf	<input type="checkbox"/> 60x40 3000 sf
	<input type="checkbox"/> 72x40 2880 sf	<input type="checkbox"/> 72x40 3600 sf
	<input type="checkbox"/> 84x40 3360 sf	<input type="checkbox"/> 84x40 4200 sf
	<input type="checkbox"/> 96x40 3840 sf	<input type="checkbox"/> 96x40 4800 sf
	<input type="checkbox"/> 108x40 4320 sf	<input type="checkbox"/> 108x40 5400 sf
	<input type="checkbox"/> 120x40 4800 sf	<input type="checkbox"/> 120x40 6000 sf

ALLOWABLE SOIL PRESSURE: WOOD FTG -1000PSF CONCRETE FTG 1500PSF

FOUNDATION: WOOD CONCRETE
PC IS DESIGNED BASED ON A PINNED CONNECTION TO THE FOUNDATION.

CEC CLIMATE ZONE: 1-16

WIND DESIGN

ULTIMATE DESIGN SPEED: Vult = 130 mph, 3 sec GUST, Kzt = 1.0
RISK CATEGORY: II
EXPOSURE: C

EARTHQUAKE DESIGN

RISK CATEGORY: II
SEISMIC IMPORTANCE FACTOR: I = 1
MAPPED SPECTRAL RESPONSE: Ss = 2.14
S1 = 1.99
D
E

SITE CLASS:
SEISMIC DESIGN CATEGORY: Note: For SDG (E) site specific motion analysis is not required if not in a seismic hazard zone and/or meets other exemptions in DSA IR A-4
BASIC SEISMIC FORCE-RESISTING SYS: SHORT/LONG PERIOD SITE COEFFICIENT: Fa = 1.0, Fv = 1.5
DESIGN SPECTRAL RESPONSE: Sds = 1.426 for other parameters non-structural component anchorage no-cap
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE

BASE SHEAR PER 24X40 MODULE: WOOD FLOOR, LL ≤ 100, BASE SHEAR = 20.04 kip
WOOD FLOOR, LL = 150, BASE SHEAR = 26.71 kip
CONC. FLOOR, LL ≤ 100, BASE SHEAR = 26.07 kip
CONC. FLOOR, LL = 150, BASE SHEAR = 36.36 kip

CLASS LEASING

RELOCATION PACKAGE FOR:

GALT USD

LAKE CANYON ES

(x3) 24x40 R.H. BUILDINGS

SERIAL No'S:

P-19-1980A/B, P-19-1981A/B, P-19-1982A/B,

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
FILE NUMBER: PC 138
04-116504 INCR: 0
AC, RM, FLS, EA, SSN, KER
DATE: 07/19/2018

PROJECT TITLE

24' x 40' EXPANDABLE TO 120' x 40'

PRE-CHECK (PC) DOCUMENT
Code: 1 2016 IBC
A separate project application for construction is required.

Sig: G. Chan
Fls: R. Feffer
Acc: R. Mullen

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04-116504
ACCS, FLS, PS, SS, S
DATE: MAR 07 2023

Revision Schedule

#	Description	Date

SHEET TITLE

COVER SHEET

PROJECT NUMBER

17016A

DRAWN BY

rMc/SC

CHECKED BY

JA/RT

DATE

2018/03/08

SHEET NO.

A0.0

SHEET OF SHEETS

3/8/2018 2:19:38 PM C:\Users\Andrew.M\Documents\17016 - Arves, 24x40 PC - MainFile - Low Seismic Andrew.rvt

ARCHITECTURAL

⑥ General Architectural Sheets 1/4" = 1'-0"		Sheet	
GENERAL ARCHITECTURAL SHEETS			
COVER SHEET		A0.0	
PROJECT OPTIONS SCHEDULE		A0.0.1	
TYPICAL KEY PLAN AND SCHEDULE, GEN NOTES		A0.1	
SIGNAGE AND SYMBOLS		A0.2	
DSA-103 T&I CONCRETE FLOORS		A0.3	
DSA-103 T&I CONCRETE FLOORS		A0.4	
CALGREEN SPEC'S		A0.5	
CALGREEN SHEET		A0.6	
CALGREEN SHEET		A0.7	
⑤ Floor Plan Details 1/4" = 1'-0"		Sheet	
ARCHITECTURAL FLOOR PLANS			
☒ Floor Plans	☒ Floor Plan - 24'x40'	A1.0	
	☒ Floor Plan - 36'x40'	A1.1	
	☒ Floor Plan - 48'x40'	A1.2	
① Arch Floor Framing Details 1/4" = 1'-0"		Sheet	
ARCHITECTURAL FLOOR FRAMING DETAILS			
☒ Wood Floor	1 2 3 4 5 6	A2.9	
☒ Concrete Floor	7 8 9 10 11 12	A2.9	
② Wall Schedule 1/4" = 1'-0"		Sheet	
ARCHITECTURAL WALL DETAILS			
☒ Wood Studs	Detail		
	Door ML Window Corner HVAC Top PLT 6" SEP 1-HR OPT 1 1-HR OPT 2 EXT HDR INT HDR		
☒ Sheathing	8 9 2 3 4 5 11 1 16 17 5 x x 10A 10B	A2.1	
☒ Plaster	8 9 3 4 5 11 1 16 17 5 x x 10A 10B	A2.2	
☒ 1-HR Sheathing	8 9 2 3 4 5 11 1 16 17 5 - - 10A -	A2.5	
☒ 1-HR Plaster	8 9 2 3 4 5 11 1 16 17 4 - - 10A -	A2.6	
☒ Metal Studs		6	
☒ Wood Sheathing	8 9 2 3 4 5 11 1 10 16 5 x x 10A 10B	A2.3	
☒ Wood Plaster	8 9 2 3 4 5 11 1 10 16 5 x x 10A 10B	A2.4	
☒ 1-HR Sheathing	8 9 2 3 4 5 11 1 16 17 5 - - 10A -	A2.7	
☒ 1-HR Plaster	8 9 2 3 4 5 11 1 16 17 5 - - 10A -	A2.8	
☒ Additional Fire Rating Details and Notes		A3.0	
☒ Single OCC Bathroom		A3.1	
④ Ceiling Plans 1/4" = 1'-0"		Sheet	
ARCHITECTURAL CEILING PLANS			
Reflected Ceiling Plans:	☒ 24' x 40'	☒ 8 (2'x4') Recessed Light Fixture ☒ 12 (1'x8') Pendant Light w/ 4 (1'x16') Recessed Light	A3.2
	☒ 36' x 40'	☒ 12 (2'x4') Recessed Light Fixture ☒ 16 (1'x8') Pendant Light w/ 4 (1'x16') Recessed Light	A3.2
	☒ 48' x 40'	☒ 16 (2'x4') Recessed Light Fixture ☒ 18 (1'x8') Pendant Light w/ 4 (1'x16') Recessed Light	A3.2
		☒ 18 (1'x8') Pendant Light w/ 4 (1'x16') Recessed Light	A3.2
Ceiling Notes		A3.2.1	
③ Ceiling Details 1/4" = 1'-0"		Sheet	
ARCHITECTURAL CEILING DETAILS			
Ceiling Framing	Detail		
	Wall Joists Access BLK'G		
☒ T-GRID	SEE PLAN SEE PLAN SEE PLAN SEE PLAN	A3.3	
☒ Wood	1 2 5 Typ	A3.4	
☒ MTL	6 7 10 11	A3.4	
⑦ Roof Plans 1/4" = 1'-0"		Sheet	
ARCHITECTURAL ROOF PLANS			
☒ Mono		A4.2.1	
	☒ EPDM	A4.0.1	
	☒ Standing Seam	A4.4.1	
	☒ Parapet	A4.4.1	
☒ Dual		A4.2.2	
	☒ EPDM	A4.0.2	
	☒ Standing Seam	A4.0.2	
② Roof Details 1/4" = 1'-0"		Sheet	
ARCHITECTURAL ROOF DETAILS			
☒ Mono		A4.3	
	☒ EPDM	A4.1	
	☒ Standing Seam	A4.5	
	☒ Parapet	A4.5	
☒ Dual		A4.3	
	☒ EPDM	A4.1	
	☒ Standing Seam	A4.1	
⑧ Arch Building Section 1/4" = 1'-0"		Sheet	
ARCHITECTURAL BUILDING SECTION			
☒ Mono		A6.3	
	☒ EPDM	A6.0	
	☒ Standing Seam	A6.0	
☒ Dual		A6.1	
	☒ EPDM	A6.0.1	
	☒ Standing Seam	A6.0.1	
Section		A6.2	

ARCHITECTURAL

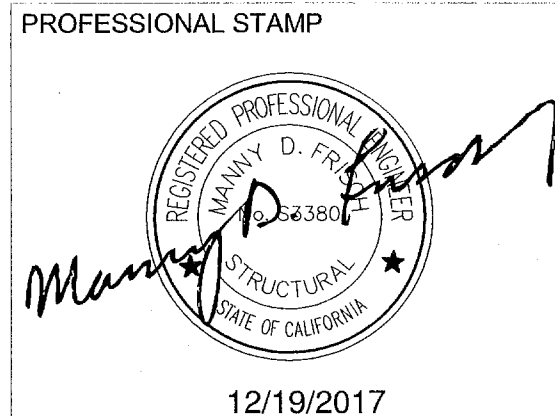
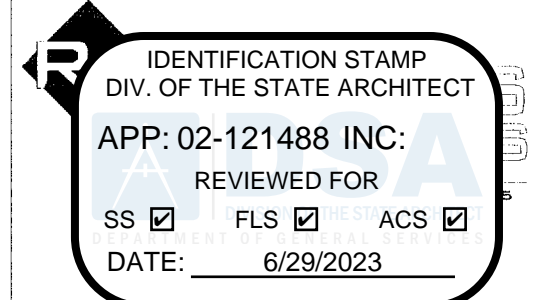
⑬ Exterior Elevations 1/4" = 1'-0"		ARCHITECTURAL EXTERIOR ELEVATIONS							
Exterior Elevations:	☒ 24'x40'	Detail		Sheet		Detail		Sheet	
		Left	Right	Front	Rear	Front	Rear	Front	Rear
	☒ Mono Slope	1	2	A5.0	1	2	A5.1	1	2
	☒ Parapet Roof - Mono Slope	3	4	A5.0	3	4	A5.1	3	4
	☒ Dual Slope	5	6	A5.0	5	6	A5.1	5	6
	☒ 36'x40'								
	☒ Mono Slope	1	2	A5.0	5	6	A5.1	5	6
	☒ Parapet Roof - Mono Slope	3	4	A5.0	7	8	A5.1	7	8
	☒ Dual Slope	5	6	A5.0	5	6	A5.1	5	6
	☒ 48'x40'								
	☒ Mono Slope	1	2	A5.0	9	10	A5.1	9	10
	☒ Parapet Roof - Mono Slope	3	4	A5.0	11	12	A5.1	11	12
	☒ Dual Slope	5	6	A5.0	9	10	A5.1	9	10
⑭ Interior Elevations 1/4" = 1'-0"		ARCHITECTURAL INTERIOR ELEVATIONS							
Interior Elevations:	☒ 24'x40'	Detail		Sheet		Detail		Sheet	
		Left	Right	Front	Rear	Front	Rear	Front	Rear
	☒ 36'x40'	1	2	5	6	A5.2	1	2	5
	☒ 48'x40'	1	2	8	7	A5.2	1	2	8

MEP

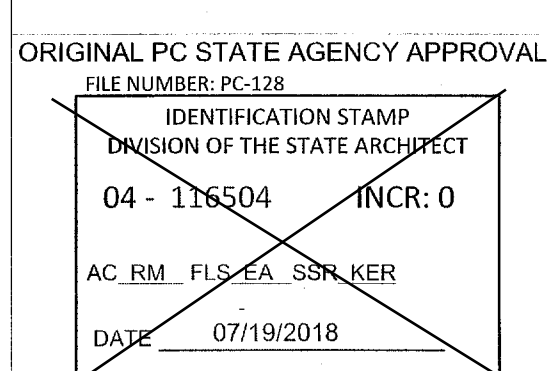
⑨ Plumbing 1/4" = 1'-0"		PLUMBING		Sheet
Plumbing Details and Schedules				P1.0
⑩ Mechanical 1/4" = 1'-0"		MECHANICAL		
Mechanical Plans:	☒ 24' x 40'	Ceiling Plan		Roof Plan
		☒ Wall Mount	M5.1	M5.2
	☒ 36' x 40'	☒ Roof Mount	M5.1	M5.2
	☒ 48' x 40'	☒ Wall Mount	M6.1	M6.2
		☒ Roof Mount	M6.1	M6.2
	☒ 60' x 40'	☒ Wall Mount	M7.1	M7.2
		☒ Roof Mount	M7.1	M7.2
	☒ 72' x 40'	☒ Wall Mount	A0.1	
		☒ Roof Mount		
	☒ 84' x 40'	☒ Wall Mount		
		☒ Roof Mount		
	☒ 96' x 40'	☒ Wall Mount		
		☒ Roof Mount		
	☒ 108' x 40'	☒ Wall Mount		
		☒ Roof Mount		
	☒ 120' x 40'	☒ Wall Mount		
		☒ Roof Mount		
⑪ Electrical 1/4" = 1'-0"		ELECTRICAL		
Reflected Ceiling Plans:	☒ 24' x 40'	8 (2'x4') Recessed Light Fixture		
		☒ 12 (1'x8') Pendant Light w/ 4 (1'x16') Recessed Light	E1.0	E1.1
	☒ 36' x 40'	☒ 12 (2'x4') Recessed Light Fixture		
		☒ 18 (1'x8') Pendant Light w/ 4 (1'x16') Recessed Light	E1.2	E1.3
	☒ 48' x 40'	☒ 16 (2'x4') Recessed Light Fixture		
		☒ 24 (1'x8') Pendant Light w/ 4 (1'x16') Recessed Light	E1.4	E1.5
	☒ 60' x 40'	☒ 20 (2'x4') Recessed Light Fixture		
		☒ 30 (1'x8') Pendant Light w/ 4 (1'x16') Recessed Light		
	☒ 72' x 40'	☒ 24 (2'x4') Recessed Light Fixture		
		☒ 36 (1'x8') Pendant Light w/ 4 (1'x16') Recessed Light		
	☒ 84' x 40'	☒ 28 (2'x4') Recessed Light Fixture		
		☒ 42 (1'x8') Pendant Light w/ 4 (1'x16') Recessed Light		
	☒ 96' x 40'	☒ 32 (2'x4') Recessed Light Fixture		
		☒ 48 (1'x8') Pendant Light w/ 4 (1'x16') Recessed Light		
	☒ 108' x 40'	☒ 36 (2'x4') Recessed Light Fixture		
		☒ 54 (1'x8') Pendant Light w/ 4 (1'x16') Recessed Light		
	☒ 120' x 40'	☒ 40 (2'x4') Recessed Light Fixture		
		☒ 60 (1'x8') Pendant Light w/ 4 (1'x16') Recessed Light		
⑫ Fire Sprinklers Plans 1/4" = 1'-0"		FIRE SPRINKLERS PLANS		
Fire Sprinklers Drawings:		☒ Floor Plans		Sheet
		☒ Details		FS-2
				FS-1

STRUCTURAL

⑮ Foundations Plans 1/4" = 1'-0"		FOUNDATION	
Foundation Plan:	☒ 24'x40' (50+15 PSF)	Sheet	
		☒ 24'x40' (100 PSF)	F1.11
	☒ 24'x40' (150 PSF)	F1.21	F1.31
	☒ 36'x40' (50+15 PSF)	F1.12	F1.22
	☒ 36'x40' (100 PSF)	F1.22	F1.32
	☒ 36'x40' (150 PSF)	F1.12	F1.22
	☒ 48'x40' (50+15 PSF)	F1.13	F1.23
	☒ 48'x40' (100 PSF)	F1.23	F1.33
	☒ 48'x40' (150 PSF)	F1.13	F1.23
☒ Concrete Foundation Plan		F2.10	
⑯ General Structural Sheets 1/4" = 1'-0"		GENERAL STRUCTURAL SHEETS	
STRUCTURAL GEN NOTES		S0.1	
⑰ Floor Framing Plans 1/4" = 1'-0"		STRUCTURAL FLOOR FRAMING PLANS	
Wood Sheathing Floor:	☒ (50+15 PSF)	Sheet	
	☒ (100 PSF)	S1.01	
	☒ (150 PSF)	S1.02	
		S1.03	
Concrete Framing Floor:	☒ (50+15 PSF)	S1.1.1	
	☒ (100 PSF)	S1.1.2	
	☒ (150 PSF)	S1.1.3	
⑲ Floor Framing Details 1/4" = 1'-0"		STRUCTURAL FLOOR FRAMING DETAILS	
☒ Wood Framing		S1.2	
☒ Concrete Framing		S1.2	
⑱ Roof Framing Plans 1/4" = 1'-0"		STRUCTURAL ROOF FRAMING PLANS	
☒ Mono Slope Roof Framing		S3.0.1	
☒ Dual Slope Roof Framing		S3.0.2	
⑳ Wall Framing Details 1/4" = 1'-0"		STRUCTURAL WALL FRAMING DETAILS	
Wood:	☒ Framing Elevation	Sheet	
	☒ Wall Details	S4.1	
	☒ Wall Details	S4.2	
Metal:	☒ Framing Elevation	S4.0	
	☒ Wall Details	S4.3	
	☒ Wall Details	S4.4	
☒ Typ Framing:		S4.5	
☒ Framing Schedule:		S4.5	
㉑ Building Section 1/4" = 1'-0"		STRUCTURAL BUILDING SECTION	
☒ Mono		Sheet	
☒ Dual		S5.0	
		S5.1	

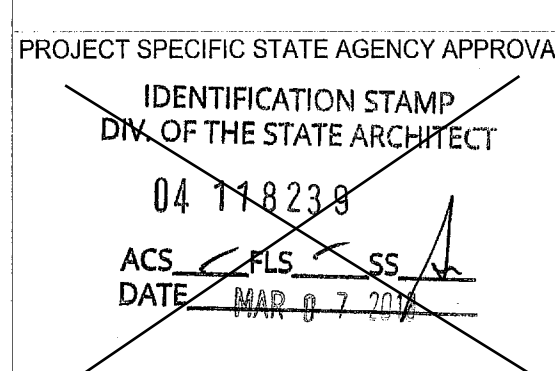


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PROJECT TITLE
24' x 40'
EXPANDABLE TO
120' x 40'

PRE-CHECK (PC) DOCUMENT
Code: 1 2016 CBC
A separate project application for construction is required.



Revision Schedule		
#	Description	Date

SHEET TITLE
PROJECT OPTIONS
SCHEDULE

PROJECT NUMBER
17016A

DRAWN BY
rMc/SC

CHECKED BY
JA/RT

DATE
2018/03/08

SHEET NO.
A0.0.1

SHEET OF SHEETS

Door Schedule						
Mark	Type	Width	Height	Door Material	Frame Type	Hardware
1	D1	3'-0"	7'-0"	18GA Hollow Metal	Knock Down	HW1
2	D	3'-0"	7'-0"	18GA Hollow Metal	Knock Down	HW2
3	D	3'-0"	7'-0"	Solid Core Wood Legacy	Knock Down	HW3
4	D2	3'-0"	7'-0"	18GA Hollow Metal	Knock Down	HW3
5	D2	3'-0"	7'-0"	18GA Hollow Metal	Knock Down	HW3
6	D3	2'-0"	3'-0"	18GA Hollow Metal	Knock Down	HW3

1. ALL DOORS SHALL COMPLY WITH CBC SECTION 11B-404 AND BE 1 3/4" THK (UNO)

2. CENTER ALL DOOR LEVERS FOR ACCESS AND LOCKING @ 40" ABOVE FINISH FLOOR. ALL HARDWARE SHALL OPEN FROM THE INTERIOR AND NOT REQUIRE ANY SPECIFIC KNOWLEDGE OF THE HARDWARE OR REQUIRE ANY SPECIAL EFFORT FOR EGRESS. THE LEVER OF LEVER-ACTUATED LEVERS OR LOCKS SHALL BE CURVED WITH A RETURN TO WITHIN 1/2" OF THE FACE OF THE DOOR TO PREVENT CATCHING ON THE CLOTHING (etc.) OF PERSONS DURING EGRESS. THE LEVER OF LEVER-ACTUATED LEVERS OR LOCKS SHALL EXTEND AT A MINIMUM OF ONE-HALF THE DOOR WIDTH.

3. PER CBC 1008.1.10 FOR ANY ROOM CONFIGURATION WHICH PROVIDES AN OCCUPANT LOAD OF 50 OR GREATER SHALL NOT BE PROVIDED WITH A LATCH OR LOCK UNLESS IT IS PANIC HARDWARE OR FIRE EXIT HARDWARE AND COMPLY WITH ALL REQUIREMENTS OF SECTION 11B-309 OF THE CBC. ALL HARDWARE SHALL COMPLY WITH HARDWARE SCHEDULE THIS SHEET.

4. PER CBC 11B-309.4 THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS (22.2 N) MAX.

5. PER CBC 11B-404.2.8.2 DOOR SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE DOOR SHALL MOVE TO THE CLOSE POSITION IN 1.5 SECONDS MINIMUM. ALL CLOSERS MUST COMPLY WITH CBC 11B-404.2.8.1 - DOOR CLOSER AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS OR LESS.

6. THE MAXIMUM AREA OF EXTERIOR WALL OPENING PER CBC TABLE 705.8 AND THE FIRE PROTECTION FOR EXTERIOR WALL PER CBC TABLE 602. ALL FIRE PROTECTION BASED ON THE FIRE SEPARATION DISTANCE.

7. DOOR LOCATION MAY VARY BASED ON PROJECT REQUIREMENTS.

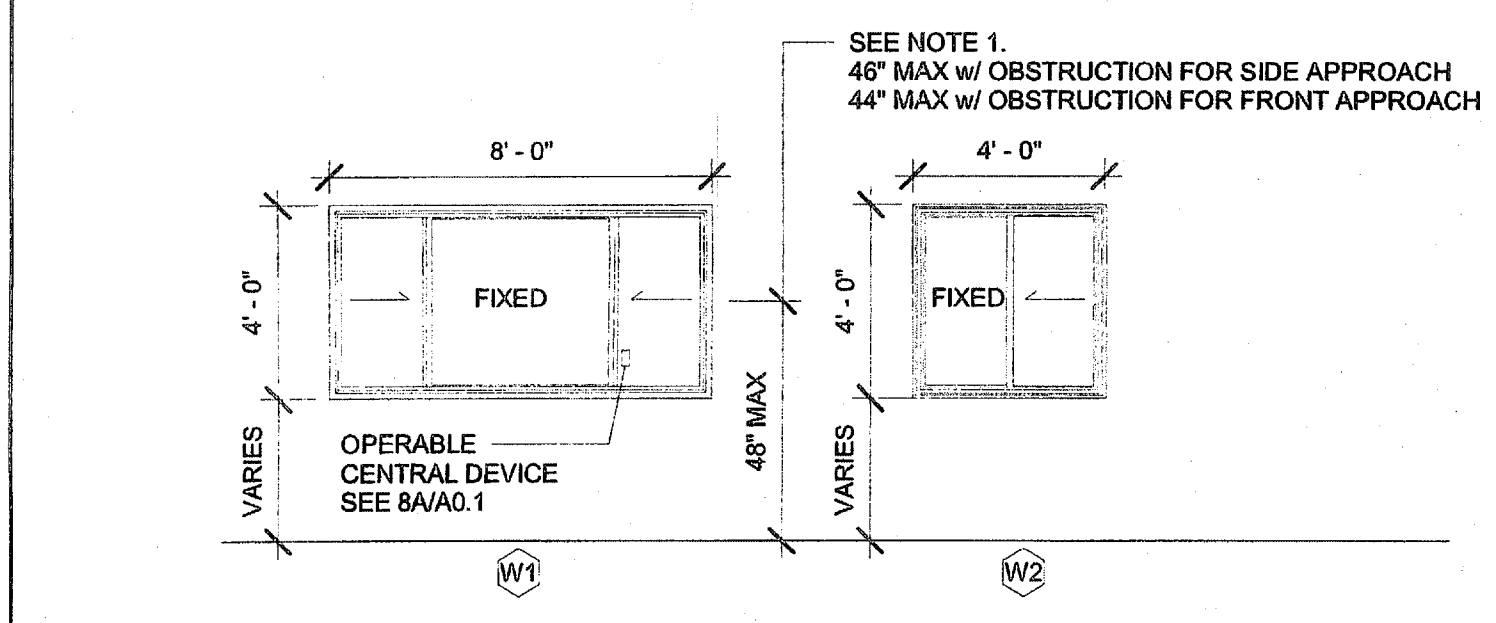
8. (PH) ON PLANS THE SHEET INDICATES REQUIRED PANIC HARDWARE.

9. PROVIDE EXIT SIGNS AS REQUIRED PER CBC SECTION 1013.4. SEE DETAILS PER A0.2

10. ALL EXIT DOORS SHALL BE OPENABLE FROM INSIDE W/O ANY USE OF SPECIAL TOOLS, KNOWLEDGE OR EFFORT.

9 Doors

Window Schedule						
Mark	Type	Height x Width	Function	Type Comments	Glazing	Wall Thickness
A	W1	4'-0" x 8'-0"	XOX	Clear Anodized Alum. Frame	*DP	
B	W2	4'-0" x 4'-0"	XO	Clear Anodized Alum. Frame	*DP	



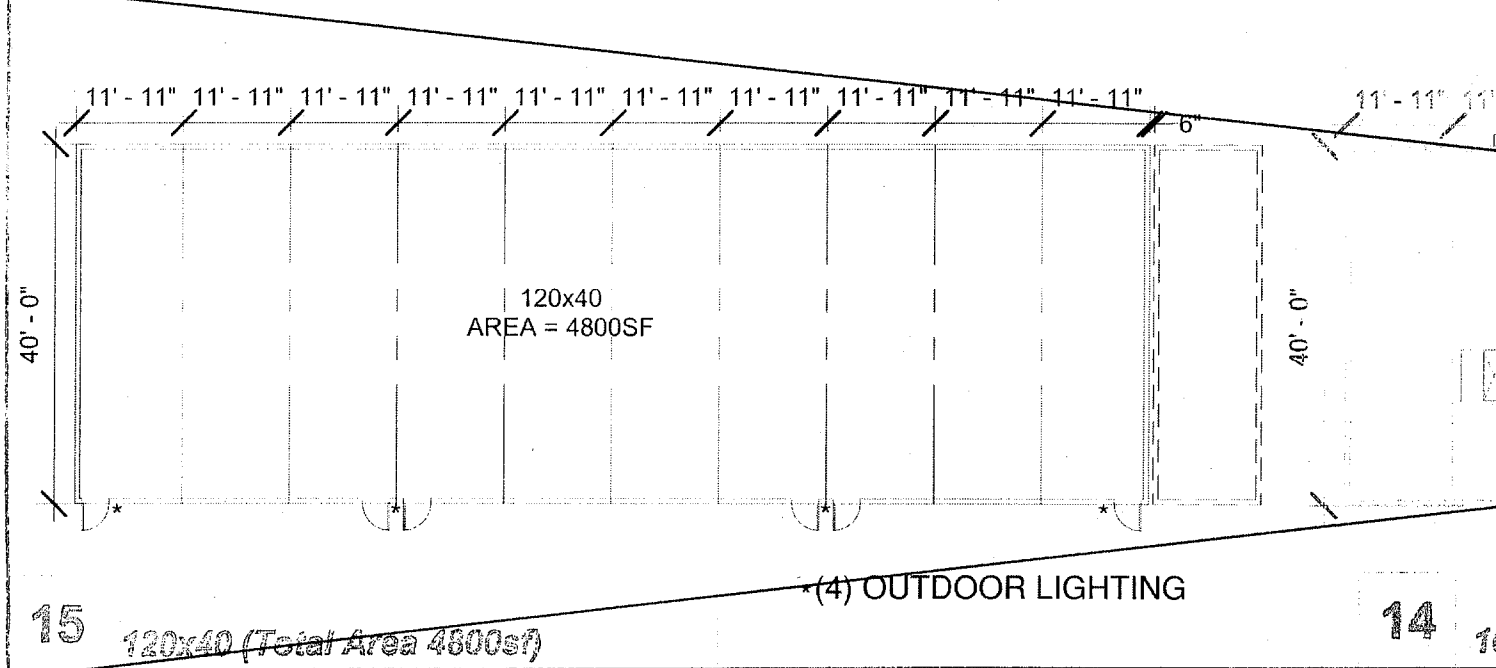
WINDOW LOCATION MAY VARY BASED ON PROJECT REQUIREMENTS.

WINDOW - 34" INSULATING GLASS UNIT PERFORMANCE
U-VALUE : 0.35
SHGC : 0.24
VT : 0.5

ABBREVIATIONS:
DP - DUAL PANE
T - TEMPERED GLASS

NEW BUILDINGS THAT ARE INCLUDED IN PUBLIC SCHOOLS (KINDERGARTEN THROUGH 12TH GRADE) SHALL INCLUDE LOCKS THAT ALLOW DOORS TO CLASSROOMS AND ANY ROOM WITH AN OCCUPANCY OF FIVE OR MORE PERSONS TO BE LOCKED FROM THE INSIDE. THE LOCKS SHALL CONFORM TO THE SPECIFICATION AND REQUIREMENTS FOUND IN SECTION 1310.1.9 Education Code 17075.50.

8 Windows



1. PLACE (2) PERMANENT METAL IDENTIFICATION LABELS ON EACH MODULE.
(1) LABEL AT REAR EXTERIOR
(1) LABEL ABOVE CEILING LINE AT INTERIOR FRAME.
LABELS WILL BE MECHANICALLY FASTENED AND SHOW THE DSA APPLICATION NUMBER, MANUFACTURERS NAME AND SERIAL NUMBER, DESIGN LIVE LOAD FOR ROOF AND FLOOR FRAMING, WIND SPEED, EXPOSURE CATEGORY, AND Kzt = 1.0 PER 2016 CBC

2. VINYL TACKBOARD TO HAVE A CLASS 1 FLAME SPREAD RATING AND COMPLY WITH A SMOKE DENSITY OF 175

3. VERIFIED ALL DIMENSIONS PRIOR TO CONSTRUCTION

4. SEE INTERIOR ELEVATIONS FOR ALL REQUIRED EGRESS SIGNAGE AND FIRE ALARM SYSTEM COMPONENTS

5. WHEN RELOCATING OR REMOVING INTERIOR PARTITIONS (2) EXITS OR EXIT ACCESS DOORWAYS FROM ANY SPACE SHALL BE PROVIDED. EXIT DOORS MUST BE SEPARATED BY A DISTANCE APART EQUAL TO OR NOT LESS THAN ONE-HALF OF THE MAXIMUM OVERALL DIAGONAL DIMENSION FOR ALL NONSPRINKLERED BUILDINGS. EXIT DOORS MUST BE SEPARATED BY A DISTANCE APART EQUAL TO OR NOT LESS THAN ONE-THIRD OF THE MAXIMUM OVERALL DIAGONAL DIMENSION FOR ALL SPRINKLERED BUILDINGS. ALL EXIT AND EXIT ACCESS DOORWAYS MUST COMPLY WITH CBC SECTION 1015 EXIT AND EXIT ACCESS DOORWAYS AND CBC SECTION 1016 EXIT ACCESS TRAVEL DISTANCE.

6. OCCUPANCY LOAD SIGNS SHALL BE POSTING AND COMPLY WITH CBC SECTION 1004.3

7. SEE ADDITIONAL PC FOR ACCESS RAMP AND STAIRS. WHERE RAMP IS AGAINST THE WALL AT PLASTER EXTERIOR OR ADJACENT TO ANY ABRASIVE SURFACE THEN A SMOOTH TROWEL SURFACE MUST BE PROVIDED AT THESE LOCATIONS OR AN ALTERNATIVE APPLICATION THAT COMPLIES WITH CBC SECTION 11B-505.8

8. ALL SURFACES ADJACENT TO HANDRAILS SHALL NOT HAVE ANY SHARP, ABRASIVE, OR PROTRUDING COMPONENTS

9. ALL METAL RAILINGS AND CONNECTIONS SHALL HAVE A SMOOTH SURFACE WHICH EXTENDS 8" ABOVE THE HANDRAIL

10. FOR PLASTER WALLS PROVIDE CONTROL JOINTS AT ALL MODLINES, ENDWALLS @ 2'-0" FROM EDGE, 10'-0" o/c @ SIDEWALLS, AND ABOVE AND BELOW ALL OPENING. SEE EXTERIOR ELEVATIONS. ALL MATERIALS, MEANS, METHODS, AND PROCEDURES OF CONSTRUCTION USED TO PROTECT JOINTS SHALL COMPLY WITH FIRE RATED WALL ASSEMBLY PER CBC SECTION 703.2 - FIRE RESISTANCE RATING AND CBC SECTION 705 - EXTERIOR WALLS

11. FOR HVAC UNITS WHICH HEIGHT FROM GRADE TO BOTTOM OF UNIT EXCEEDS 27' AND LOCATED IN PEDESTRIAN PATH OF TRAVEL, A PROTECTION RAIL AROUND THE HVAC UNIT WILL BE PROVIDED. PER MNF INSTALLATION INSTRUCTIONS

2 A0.1 GENERAL NOTES

MOISTURE PROTECTION INSULATION:

MATERIAL:
INSULATING MATERIAL FOR WALLS, CEILINGS, AND FLOORS SHALL BE FIBERGLASS BATTS (UNFACED) AND SHALL COMPLY WITH CBC 2016.
(CLASS A = 0-25 FLAME SPREAD); SMOKE DEVELOPMENT DENSITY LESS THAN 450.

INSULATION VALUES
SEE TITLE 24 SHEETS FOR REQUIRED INSULATION VALUES PER CLIMATE ZONE

EXTERIOR WALL INSULATION (MIN.)
 R-19 (2x6 STUD)
 R-19, CONTINUOUS R-4 (MTL STUD)

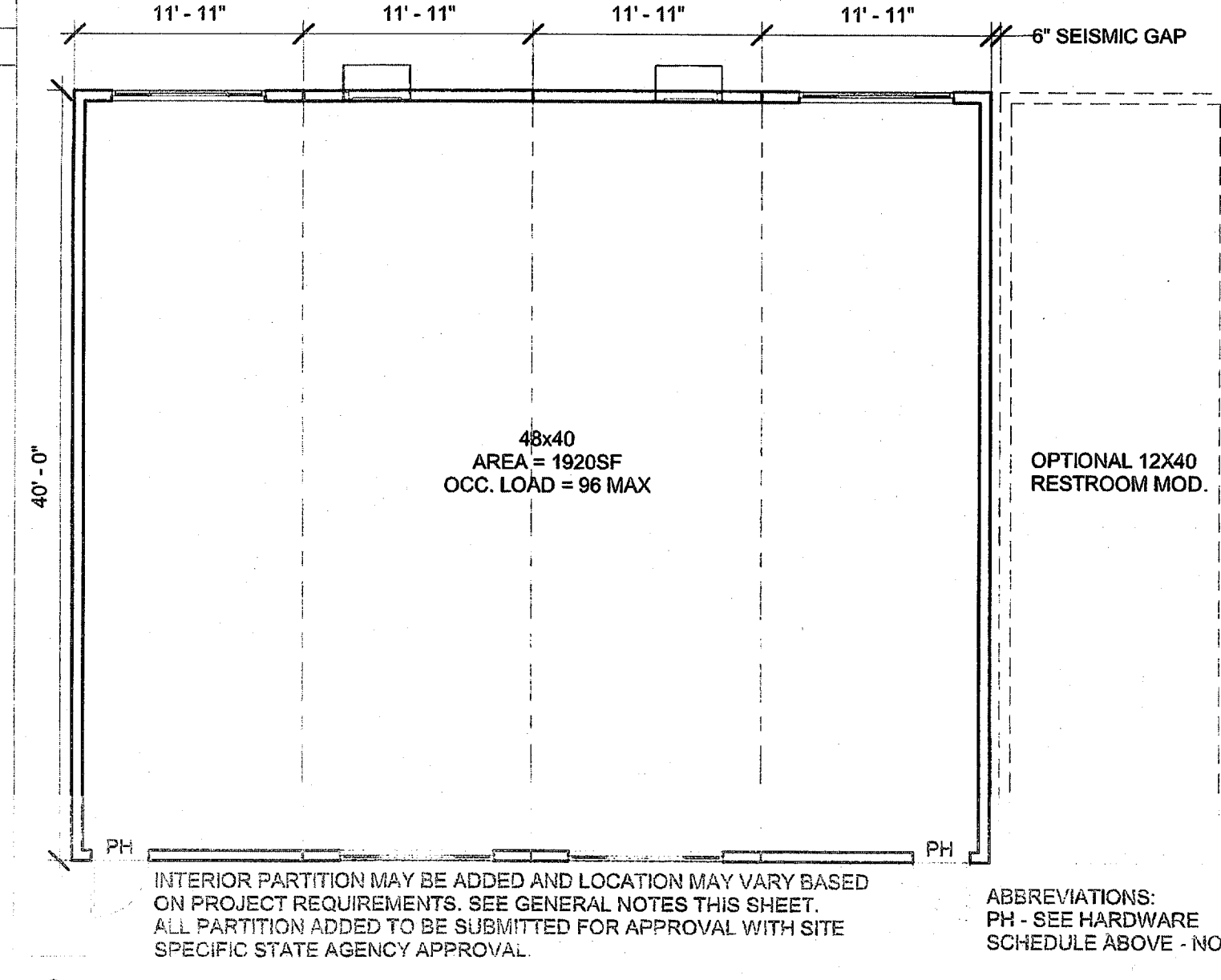
INTERIOR WALL INSULATION (MIN.)
 R-13

FLOOR INSULATION (MIN.)
CONCRETE SLAB WITH R-11 FIBERGLASS INSULATION

ROOF INSULATION (MIN.)
 R-30 (EPDM)
 R-30 (STANDING SEAM)

3 Insulation Specs

EMERGENCY EXIT AND PANIC HARDWARE: INDICATE ON DRAWINGS AND SPECIFICATIONS COMPLIANCE WITH SFM STANDARD 12-10-3 SECTION 12-10-302. (a) THE CROSS BAR SHALL EXTEND ACROSS NOT LESS THAN ONE-HALF THE WIDTH OF THE DOOR/GATE. (d) THE ENDS OF THE CROSS-BAR SHALL BE CURVED, GUARDED OR OTHERWISE DESIGNED TO PREVENT CATCHING ON THE CLOTHING OF PERSONS DURING EGRESS. PROVIDE CUT-SHEETS OF PANIC HARDWARE PROVIDE THE ASSEMBLY DESIGN NUMBER FOR ALL FIRE-RATED CONSTRUCTION COMPONENTS. INSTALLATION DETAILS MUST BE COORDINATED WITH THE DESIGN NUMBERS. CUSTOM DESIGNS WHICH COMBINE COMPONENTS FROM VARIOUS DESIGNS BUT HAVE NOT BEEN TESTED AS A LISTED ASSEMBLY WILL NOT BE ACCEPTABLE.



6 48x40 (Total Area 1920sf)

Room Number	Flooring						Wall Finish			Ceiling		Notes
	Floor	Base	Front	Left	Rear	Right	Type	Ht.	Type	Ht.		
CLASSROOM	Carp.	4" TS	Tack	Tack	Tack	Tack	CP	8'-6"				
CLASSROOM w/ PH	Carp.	4" TS	Tack	Tack	Tack	Tack	CP	8'-6"				
SINGLE OCC.	SV	6" TS	FRP	FRP	FRP	FRP	CP	8'-0"				
SINGLE OCC.	SV	SC	FRP	FRP	FRP	FRP	GBP	8'-0"				

Abbreviations:

FLOORING
CARP: COMPLYING WITH GROUP 1; TYPE "A" OR TYPE "B"; CLASS 2; DENSITY 4600; DIRECT GLUE DOWN
SV: SHEET VINYL FLOORING
VCT: VINYL COMPOSITION TILE

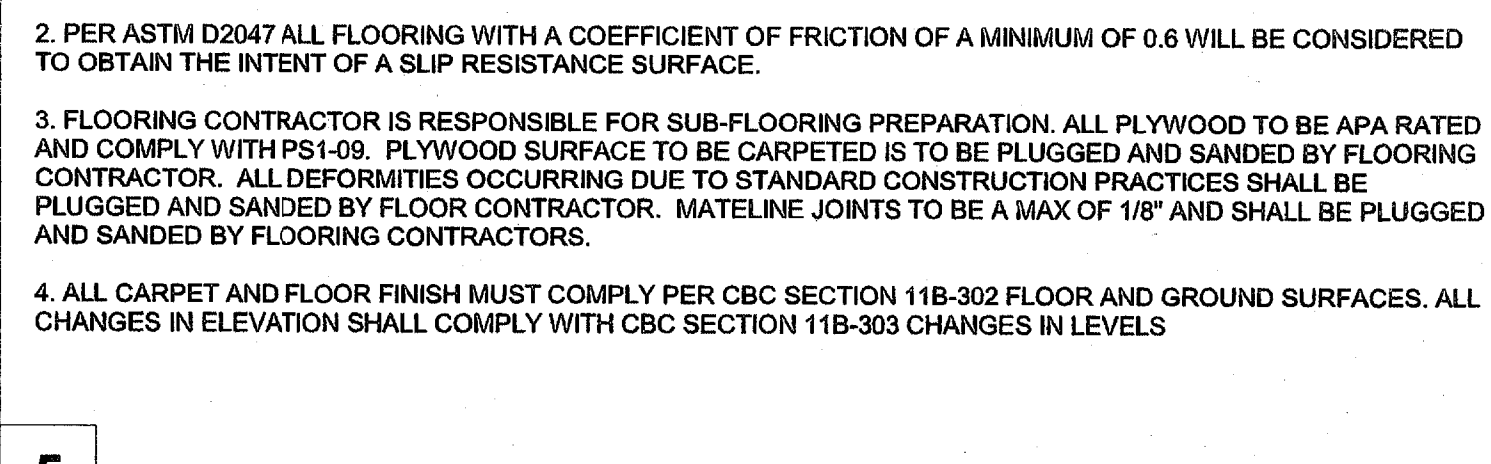
BASE
4" TS: 4" TOP SET BASE
6" TS: 6" TOP SET BASE

WALLS
TACK: 1/2" VINYL TACKBOARD CLASS 1 OVER 1/2" GYPSUM BOARD BACKING
FRP: 1/8" FIBER REINFORCED PANEL OVER 1/2" WATER RESISTANT GYPSUM BOARD
GYP: 1/2" GYPSUM BOARD; TAPE; TEXTURE; PAINTED FINISH
PLY: 1/2" PLYWOOD FINISH
NF: NO FINISH SC; 6" SELF-COVE BASE

CEILING
CP: ACOUSTICAL LAY IN GRID CEILING PANELS
HC: 5/8" GYPSUM BOARD; TAPE; TEXTURE; PAINTED FINISH
GBP: 1/2" GYPSUM BOARD WASHABLE PANELS (PAINTED)

Finishes Notes
1. ALL FINISHES SHALL COMPLY WITH CBC, TITLE 19, AND C.F.C.
2. PER ASTM D2047 ALL FLOORING WITH A COEFFICIENT OF FRICTION OF A MINIMUM OF 0.6 WILL BE CONSIDERED TO OBTAIN THE INTENT OF A SLIP RESISTANCE SURFACE.
3. FLOORING CONTRACTOR IS RESPONSIBLE FOR SUB-FLOORING PREPARATION. ALL PLYWOOD TO BE APA RATED AND COMPLY WITH PS1-09. PLYWOOD SURFACE TO BE CARPETED IS TO BE PLUGGED AND SANDED BY FLOORING CONTRACTOR. ALL DEFORMITIES OCCURRING DUE TO STANDARD CONSTRUCTION PRACTICES SHALL BE PLUGGED AND SANDED BY FLOOR CONTRACTOR. MATELINE JOINTS TO BE A MAX OF 1/8" AND SHALL BE PLUGGED AND SANDED BY FLOORING CONTRACTORS.
4. ALL CARPET AND FLOOR FINISH MUST COMPLY PER CBC SECTION 11B-302 FLOOR AND GROUND SURFACES. ALL CHANGES IN ELEVATION SHALL COMPLY WITH CBC SECTION 11B-303 CHANGES IN LEVELS

5 Finishes and Materials



4 36x40 (Total Area 1440sf)

Finish Schedule				Hardware Schedule			
Room Number	Flooring	Wall Finish	Ceiling	Hardware	Hardware	Hardware	Hardware
CLASSROOM	Carp.	4" TS	Tack	Tack	Tack	Tack	CP
CLASSROOM w/ PH	Carp.	4" TS	Tack	Tack	Tack	Tack	CP
SINGLE OCC.	SV	6" TS	FRP	FRP	FRP	FRP	CP
SINGLE OCC.	SV	SC	FRP	FRP	FRP	FRP	GBP

CHILD RESTROOM:
LOCKSET BUTTS WEATHER STRIP THRESHOLD DOOR BOTTOM
SCHLAGE ND75PDRH0626 (cylindrical) HAGER BB1191 4 1/2" x 4 1/2" NRP HAGER 891SAV 3684 HAGER 413SA 36 HAGER 413SA 36 HAGER 783SAV 35N
Finish 26D or equal Finish 26D or equal Finish Alum or equal Finish Alum or equal

EXTERIOR DOOR HW-1
Finish Alum or equal Finish 26D or equal Finish Alum or equal Finish Alum or equal

DOOR w/ PANIC HARDWARE:
EXIT DEVICE BUTTS CLOSER WEATHER STRIP THRESHOLD DOOR BOTTC
HOU DUPRIN 99L-2 w/ SCHLAGE RIM (cylindrical) HAGER BB1191 4 1/2" x 4 1/2" NRP NORTON 8501 BFDA HAGER 891SAV 3684 HAGER 413SA 36 HAGER 783SAV 35N
Finish Alum or equal Finish 26D or equal Finish Alum or equal Finish Alum or equal

STAFF RESTROOM:
LOCKSET BUTTS LOUVER
SCHLAGE ND75PDRH0626 (cylindrical) HAGER BB1191 4 1/2" x 4 1/2" NRP ANEMO 24x12
Finish 26D or equal Finish 26D or equal Finish 689 or equal Finish Bronze or equal

FOOD PREP:
LOCKSET BUTTS
SCHLAGE ND75PDRH0626 (cylindrical) HAGER BB1191 4 1/2" x 4 1/2" NRP
Finish 26D or equal Finish 26D or equal

ELECT ROOM:
LOCKSET BUTTS FLUSH BOLT
SCHLAGE ND75PDRH0626 (cylindrical) HAGER BB1191 4 1/2" x 4 1/2" NRP TBD
Finish 26D or equal Finish 26D or equal

OFFICE:
LOCKSET BUTTS
SCHLAGE ND75PDRH0626 (cylindrical) HAGER BB1191 4 1/2" x 4 1/2" NRP
Finish 26D or equal Finish 26D or equal

NOTE: ALL CLASSROOM DOORS SHALL BE LOCKABLE FROM INSIDE

7 Door Hardware



1 24x40 (Total Area 960sf)

HARDWARE SCHEDULE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

PROFESSIONAL STAMP
REGISTERED PROFESSIONAL ARCHITECT
MANNING D. FRIEDMAN
STRUCTURAL
STATE OF CALIFORNIA
12/19/2017

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CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04-116504 INCR: 0
AC, RM, FLR, EA, SSR, KER
DATE: 07/19/2018

PROJECT TITLE
24' x 40' EXPANDABLE TO 120' x 40'
PRE-CHECK (PC) DOCUMENT
Code: | 2016 | CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04-118239
ACS, PLS, SS
DATE: MAR 07 2023

Revision Schedule

#	Description	Date

SHEET TITLE
TYPICAL KEY PLAN AND SCHEDULES, GEN NOTES,

PROJECT NUMBER
17016A
DRAWN BY
fMc/SC
CHECKED BY
JA/RT
DATE
2017/05/05
SHEET NO.
A0.1

Advisory 1008.4.2 Clear Floor or Ground Space. Clear floor or ground spaces, turning spaces, and accessible routes are permitted to overlap within play areas. A specific location has not been designated for the clear floor or ground spaces or turning spaces, except swings, because each play component may require that the spaces be placed in a unique location. Where play components include a seat or entry point, designs that provide for an unobstructed transfer from a wheelchair or other mobility device are recommended. This will enhance the ability of children with disabilities to independently use the play component.

When designing play components with manipulative or interactive features, consider appropriate reach ranges for children seated in wheelchairs. The following table provides guidance on reach ranges for children seated in wheelchairs. These dimensions apply to either forward or side reaches. The reach ranges are appropriate for use with those play components that children seated in wheelchairs may access and reach. Where transfer systems provide access to elevated play components, the reach ranges are not appropriate.

Children's Reach Ranges

Forward or Side Reach	High (maximum)	Low (minimum)
Ages 3 and 4	36 in (915 mm)	20 in (510 mm)
Ages 5 through 8	40 in (1015 mm)	18 in (455 mm)
Ages 9 through 12	44 in (1120 mm)	16 in (405 mm)

CHAPTER 7: COMMUNICATION ELEMENTS AND FEATURES

702 Fire Alarm Systems
702.1 General. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (2016 edition) except that the maximum allowable sound level of audible notification appliances complying with section 4-3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (2016 edition)

703 Signs
703.1 General. Signs shall comply with 703. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided.
703.2 Raised Characters. Raised characters shall comply with 703.2 and shall be duplicated in braille complying with 703.3. Raised characters shall be installed in accordance with 703.4.

703.2.1 Depth. Raised characters shall be 1/32 inch (0.8 mm) minimum above their background.
703.2.2 Case. Characters shall be uppercase.
703.2.3 Style. Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.2.4 Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 60 percent minimum and 110 percent maximum of the height of the uppercase letter "T".
703.2.5 Character Height. Character height measured vertically from the baseline of the character shall be 5/8 inch (16 mm) minimum and 2 inches (51 mm) maximum based on the height of the uppercase letter "T".

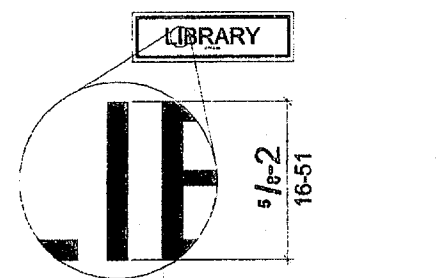


Figure 703.2.5 Height of Raised Characters

TABLE 11B-703.2.1 BRAILLE DIMENSIONS

MEASUREMENT RANGE	MINIMUM IN INCHES MAXIMUM IN INCHES
Dot-to-dot diameter	0.089 (1.5 mm) to 0.063 (1.6 mm)
Distance between two dots in the rustic cell ¹	0.109 (2.8 mm)
Distance between corresponding dots in adjacent cells ²	0.300 (7.6 mm)
Dot height	0.025 (0.6 mm) to 0.017 (0.9 mm)
Distance between corresponding dots from one cell to the next cell ¹	0.395 (10.2 mm) to 0.400 (10.2 mm)

¹ Mechanical center to center

703.2.6 Stroke Thickness. Stroke thickness of the uppercase letter "I" shall be 15 percent maximum of the height of the character.

703.2.7 Character Spacing. Character spacing shall be measured between the two closest points of adjacent raised characters within a message, excluding word spaces. Where characters have rectangular cross sections, spacing between individual raised characters shall be 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum. Where characters have other cross sections, spacing between individual raised characters shall be 1/16 inch (1.6 mm) minimum and 4 times the raised character stroke width maximum at the base of the cross sections, and 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum at the top of the cross sections. Characters shall be separated from raised borders and decorative elements 3/8 inch (9.5 mm) minimum.

703.2.8 Line Spacing. Spacing between the baselines of separate lines of raised characters within a message shall be 135 percent minimum and 170 percent maximum of the raised character height.

703.3 Braille. Braille shall be contracted (Grade 2) and shall comply with 703.3 and 703.4.

703.3.1 Dimensions and Capitalization. Braille dots shall have a domed or rounded shape and shall comply with Table 703.3.1. The indication of an uppercase letter or letters shall only be used before the first word of sentences, proper nouns and names, individual letters of the alphabet, initials, and acronyms.

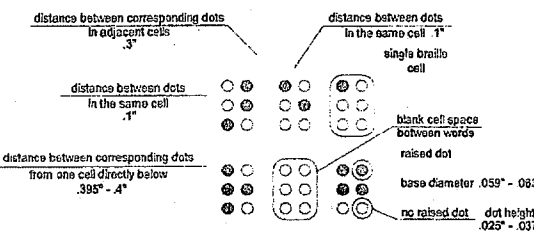


Figure 703.3.1 Braille Measurement

703.3.2 Position. Braille shall be positioned below the corresponding text. If text is multi-lined, braille shall be placed below the entire text. Braille shall be separated 3/8 inch (9.5 mm) minimum from any other tactile characters and 3/8 inch (9.5 mm) minimum from raised borders and decorative elements.

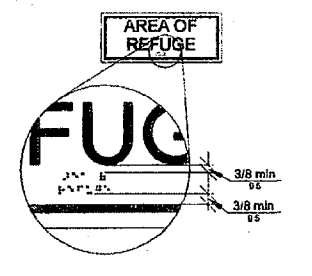


Figure 703.3.2 Position of Braille

703.4 Installation Height and Location. Signs with tactile characters shall comply with 703.4.

703.4.1 Height Above Finish Floor or Ground. Tactile characters on signs shall be located 48 inches (1220 mm) minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60 inches (1525 mm) maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character.

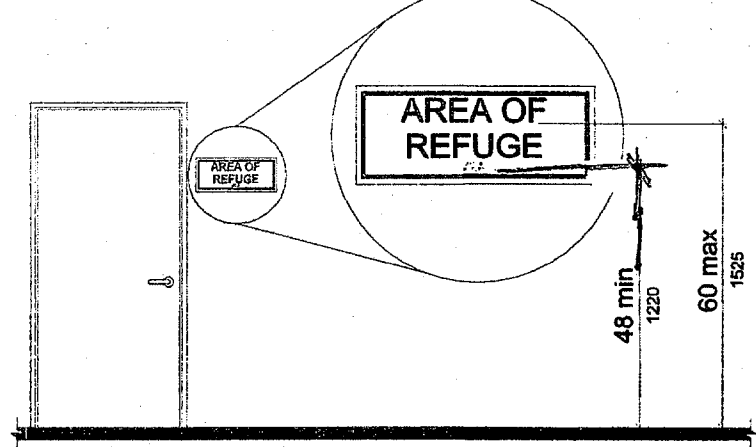


Figure 703.4.1 Height of Tactile Characters Above Finish Floor or Ground

703.4.2 Location. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

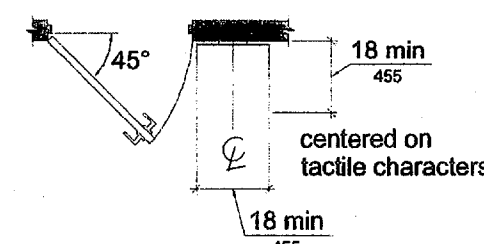


Figure 703.4.2 Location of Tactile Signs at Doors

703.5 Visual Characters. Visual characters shall comply with 703.5.

703.5.1 Finish and Contrast. Characters and their background shall have a non-glare finish. Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.

703.5.2 Case. Characters shall be uppercase or lowercase or a combination of both.

703.5.3 Style. Characters shall be conventional in form. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.5.4 Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 60 percent minimum and 110 percent maximum of the height of the uppercase letter "T".

703.5.5 Character Height. Minimum character height shall comply with Table 703.5.5. Viewing distance shall be measured as the horizontal distance between the character and an obstruction preventing further approach towards the sign. Character height shall be based on the uppercase letter "T".

703.5.6 Height From Finish Floor or Ground. Visual characters shall be 40 inches (1015 mm) minimum above the finish floor or ground.

703.5.7 Stroke Thickness. Stroke thickness of the uppercase letter "I" shall be 10 percent minimum and 30 percent maximum of the height of the character.

703.5.8 Character Spacing. Character spacing shall be measured between the two closest points of adjacent characters, excluding word spaces. Spacing between individual characters shall be 10 percent minimum and 35 percent maximum of character height.

703.5.9 Line Spacing. Spacing between the baselines of separate lines of characters within a message shall be 135 percent minimum and 170 percent maximum of the character height.

703.6 Pictograms. Pictograms shall comply with 703.6.

703.6.1 Pictogram Field. Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

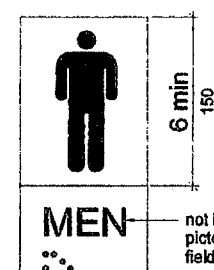
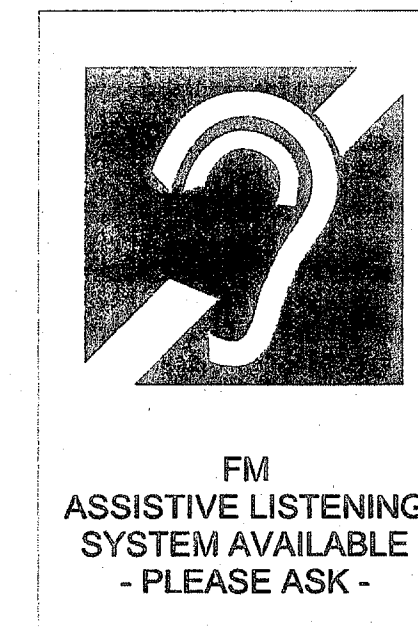
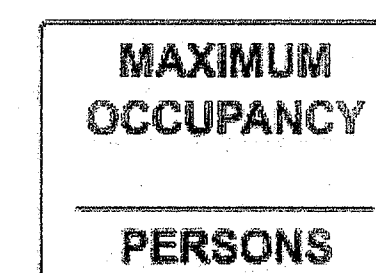


Figure 703.6.1 Pictogram Field dark-on-light

DETAIL REFERENCE	SECTION REFERENCE
1 S1	SECTION LABEL
1 S1	PAGE NUMBER
CONCRETE	CONTINUOUS WOOD MEMBER
MASONRY	WOOD BLOCKING
SAND	FIN. FLR. ELEV.
EARTH	BOTTOM OF FOOTING ELEVATION
	S STEPPED FOOTING



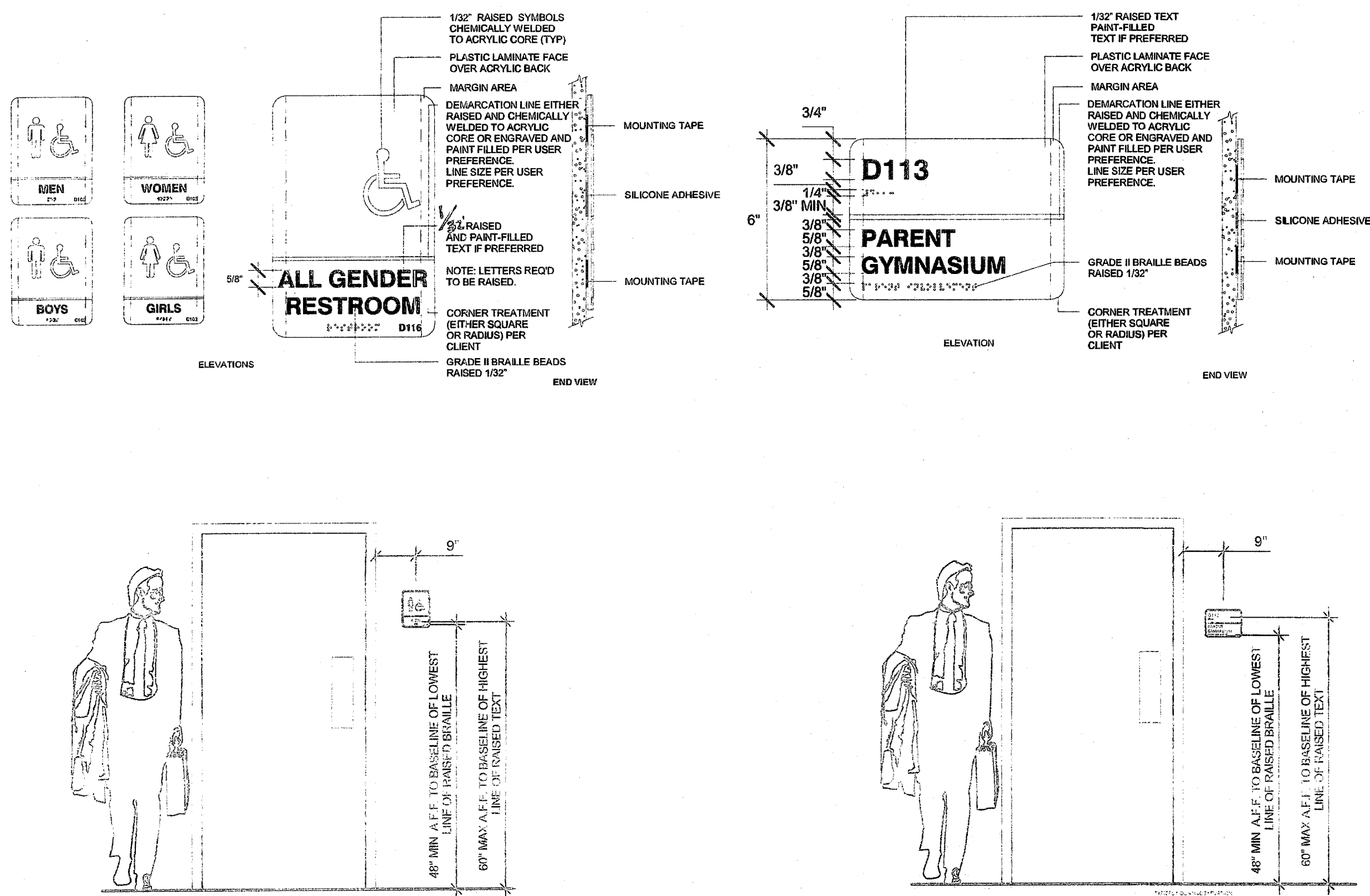
REQUIRED PER 11B-219 & 11B-706 (SEE FLOOR PLANS FOR MORE INFO)



OCCUPANT LOAD SIGN REQUIRED PER DSA BU11-08.

EVERY ROOM OR SPACE WHICH IS USED FOR ASSEMBLY, CLASSROOM, DINING OR SIMILAR PURPOSES REQUIRING AN OCCUPANT LOAD OF 50 OR MORE SHALL HAVE THE OCCUPANT LOAD OF THE ROOM OR SPACE POSTED IN A CONSPICUOUS PLACE, NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY

5 1/4" = 1'-0" Sign Notes



VERTICES SHALL BE 1/4" RADIUS EDGES SHALL BE 1/16" ROUNDED

- CHARACTERS ON SIGNS SHALL BE RAISED 1/32 INCH MIN. AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2
- RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8 INCH AND A MAXIMUM OF 2 INCHES HIGH.
- CONTRAST BETWEEN CHARACTERS, SYMBOLS AND THEIR BACKGROUND MUST BE 70% MINIMUM AND HAVE A NON-GLARE FINISH. 11B-703-5.1.
- TRIANGLE OR CIRCLE SMALL CONTRAST WITH DOOR. EITHER LIGHT ON A DARK BACKGROUND OR DARK ON A LIGHT BACKGROUND. 11B-703.7:2.8.1 AND 11B-703.2.2.8.2
- CHARACTERS ON SIGN SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3:5 AND 1:1.1 AND A STROKE WIDTH-TO-HEIGHT RATIO OF BETWEEN 1:5 AND 1:10. SEE 11B.703.2.4

4 1/2" = 1'-0" Signage

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS [] FLS [] ACS []
DATE: 6/29/2023

PROFESSIONAL STAMP
REGISTERED PROFESSIONAL ARCHITECT
MARTIN D. FREEMAN
12/19/2017

THE PLANS, IDEAS & DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF R&S TAVARES ASSOCIATES, INC. DEvised SOLELY FOR THIS CONTRACT. THESE PLANS SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE FOR WHICH THEY WERE NOT INTENDED WITHOUT THE EXPRESS WRITTEN CONSENT OF R&S TAVARES ASSOCIATES, INC. ©

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC_RM_FLS_EA_SSR_KER
DATE: 07/19/2018

PROJECT TITLE
24' x 40' EXPANDABLE TO 120' x 40'
PRE-CHECK (PC) DOCUMENT
Code: 1 2016 CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118239
ACS [] FLS [] SS []
DATE: MAR 07 2020

Revision Schedule

#	Description	Date

SHEET TITLE
SIGNAGE AND SYMBOLS

PROJECT NUMBER
17016A
DRAWN BY: rmc/SC
CHECKED BY: JAVRT
DATE: 2017/06/05
SHEET NO.

A0.2

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A.

REQUIRED	TEST OR SPECIAL INSPECTION	TYPE	PERFORMED BY	CODE REFERENCE AND NOTES
+	SOILS			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
+	CONCRETE			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
+	MASONRY			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
+	STEEL, ALUMINUM			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
+	17. STRUCTURAL STEEL, COLD-FORMED STEEL, AND ALUMINUM USED FOR STRUCTURAL PURPOSES			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
	Material Verification:			
X	a. Verify identification of all materials and: - Mill certificates indicate material properties that comply with requirements. - Material sizes, types and grades comply with requirements.	Periodic	SI	2203A.1 (2203.1), Table 1705A.2.1 Item 3a-3c; AISI S100-07/52-10 Section A2.1 & A2.2, AISI S200-12 Section A3, AISI S220-11 Section A4. * By special inspector or qualified technician when performed off-site.
X	b. Test unidentified materials	Test	LOR	2203A.1 (2203.1)
X	c. Examine seam welds of HSS shapes	Periodic	SI	DSA IR 17-3.
	Inspection:			
d.	Not used.			
e.	Verify and document steel fabrication per DSA approved construction documents.	Periodic	SI	Not applicable to cold-formed steel light-frame construction, except for trusses (1705A.2.4).
+	18. HIGH STRENGTH BOLTS:			RCSC 2009
	19. WELDING:			1705A.2.5, Table 1705A.2.1 Items 4 & 5, DSA IR 17-3, AWS D1.1 and AWS D1.5 for structural steel, AWS D1.2 for Aluminum, AWS D1.3 for cold-formed steel, AWS D1.4 for reinforcing steel. (See Appendix for exemptions.)
	Verification of Materials, Equipment, Welders, etc.:			
X	a. Verify weld filler material identification markings per AWS designation listed on the DSA approved documents and the WPS.	Periodic	SI	DSA IR 17-3.
X	b. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	DSA IR 17-3.
X	c. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17-3.
	19.1 SHOP WELDING:			
X	a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds	Continuous	SI	Table 1705A.2.1 Item 5a1-4, Per AISC 360-10 (and AISC 341-10 as applicable), DSA IR 17-3.
X	b. Inspect single-pass fillet welds ≤ 5/16", floor and roof deck welds	Periodic	SI	1705A.2.2, Table 1705A.2.1 Item 5a.5 & 5a.6, Per AISC 360-10 (and AISC 341-10 as applicable), DSA IR 17-3.
X	c. Inspect welding of stairs and railing systems.	Periodic	SI	1705A.2.1, Per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1 & D1.3, DSA IR 17-3.
X	d. Verification of reinforcing steel weldability other than ASTM A706	Periodic	SI	1705A.3.1, verify carbon equivalent reported on mill certificates, AWS D1.4, DSA IR 17-3.
X	e. Inspect welding of reinforcing steel	Continuous	SI	1705A.3.1, Table 1705A.3 Item 2, and Table 1705A.2.1 Item 5b, 1903A.8, AWS D1.4, DSA IR 17-3.
	19.2 FIELD WELDING:			
X	a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds	Continuous	SI	Table 1705A.2.1 Item 5a1-4, Per AISC 360-10 (and AISC 341-10 as applicable), DSA IR 17-3.
X	b. Inspect single-pass fillet welds ≤ 5/16", floor and roof deck welds	Periodic	SI	1705A.2.2, Table 1705A.2.1 Item 5a.5 & 5a.6, Per AISC 360-10 (and AISC 341-10 as applicable), DSA IR 17-3.
X	c. Inspect end-welded studs (ASTM A-108) installation (including bend test)	Periodic	SI	2213A.2 (2212.6.2), per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1, DSA IR 17-3.
X	d. Inspect floor and roof deck welds	Periodic	SI	1705A.2.2, Table 1705A.2.1 Item 5a.5 & 5a.6, Per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1 & AWS D1.3, DSA IR 17-3.
X	e. Inspect welding of structural cold-formed steel	Periodic	SI	1705A.2.6, AWS D1.3. * May be performed by the project inspector when specifically approved by DSA, DSA IR 17-3.
X	f. Inspect welding of stairs and railing systems	Periodic	SI	1705A.2.1, Per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1 & D1.3, DSA IR 17-3. * May be performed by the project inspector when specifically approved by DSA, DSA IR 17-3.
X	g. Verification of reinforcing steel weldability	Periodic	SI	1705A.3.1, verify carbon equivalent reported on mill certificates, AWS D1.4, DSA IR 17-3.
X	h. Inspect welding of reinforcing steel	Continuous	SI	1705A.3.1, Table 1705A.3 Item 2, and Table 1705A.2.1 Item 5b, 1903A.8, AWS D1.4, DSA IR 17-3.
	19.2 FIELD WELDING:			
X	a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds	Continuous	SI	Table 1705A.2.1 Item 5a1-4, Per AISC 360-10 (and AISC 341-10 as applicable), DSA IR 17-3.
X	b. Inspect single-pass fillet welds ≤ 5/16"	Periodic	SI	Table 1705A.2.1 Item 5a.5 & 5a.6, Per AISC 360-10 (and AISC 341-10 as applicable), DSA IR 17-3.
X	c. Inspect end-welded studs (ASTM A-108) installation (including bend test)	Periodic	SI	2213A.2 (2212.6.2), per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1, DSA IR 17-3.
X	d. Inspect floor and roof deck welds	Periodic	SI	1705A.2.2, Table 1705A.2.1 Item 5a.5 & 5a.6, Per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1 & AWS D1.3, DSA IR 17-3.
X	e. Inspect welding of structural cold-formed steel	Periodic	SI	1705A.2.6, AWS D1.3. * May be performed by the project inspector when specifically approved by DSA, DSA IR 17-3.
X	f. Inspect welding of stairs and railing systems	Periodic	SI	1705A.2.1, Per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1 & D1.3, DSA IR 17-3. * May be performed by the project inspector when specifically approved by DSA, DSA IR 17-3.
X	g. Verification of reinforcing steel weldability	Periodic	SI	1705A.3.1, verify carbon equivalent reported on mill certificates, AWS D1.4, DSA IR 17-3.
X	h. Inspect welding of reinforcing steel	Continuous	SI	1705A.3.1, Table 1705A.3 Item 2, and Table 1705A.2.1 Item 5b, 1903A.8, AWS D1.4, DSA IR 17-3.
	20. NONDESTRUCTIVE TESTING:			
X	a. Ultrasonic	Test	LOR	1705A.2.1 & 1705A.2.5, AISC 360-10 NS.5, AISC 341-10 App. G.5.2, AWS D1.1, D1.8, ANS/AASNT CP-189, SNT-TC-1A, DSA IR 17-2.
X	b. Magnetic Particle	Test	LOR	
	21. STEEL JOISTS AND TRUSSES:			
+	22. SPRAY APPLIED FIRE-PROOFING:			
+	23. ANCHOR BOLTS, ANCHOR RODS, & OTHER STEEL:			
a.	Anchor Bolts and Anchor Rods	Test	LOR	IR 17-11 Sample and test anchor bolts and anchor rods not readily identifiable.
b.	Threaded rod not used for foundation anchorage	Test	LOR	Sample and test threaded rods not readily identifiable per procedures noted in IR 17-11
	WOOD			
+	OTHER			

THE EXAMPLE OF FORM DSA-103s SHOWN ON THIS SHEET ARE FOR ILLUSTRATION PURPOSE ONLY. A FORM DSA-103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA-103s ARE TO BE CROSSED OUT ON THIS DRAWING.

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REQUIRED	TEST OR SPECIAL INSPECTION	TYPE	PERFORMED BY	CODE REFERENCE AND NOTES
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+	CONCRETE			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
+	MASONRY			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
+	STEEL, ALUMINUM			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
+	17. STRUCTURAL STEEL, COLD-FORMED STEEL, AND ALUMINUM USED FOR STRUCTURAL PURPOSES			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
	Material Verification:			
X	a. Verify identification of all materials and: - Mill certificates indicate material properties that comply with requirements. - Material sizes, types and grades comply with requirements.	Periodic	SI	2203A.1 (2203.1), Table 1705A.2.1 Item 3a-3c; AISI S100-07/52-10 Section A2.1 & A2.2, AISI S200-12 Section A3, AISI S220-11 Section A4. * By special inspector or qualified technician when performed off-site.
X	b. Test unidentified materials	Test	LOR	2203A.1 (2203.1)
X	c. Examine seam welds of HSS shapes	Periodic	SI	DSA IR 17-3.
	Inspection:			
d.	Not used.			
e.	Verify and document steel fabrication per DSA approved construction documents.	Periodic	SI	Not applicable to cold-formed steel light-frame construction, except for trusses (1705A.2.4).
+	18. HIGH STRENGTH BOLTS:			RCSC 2009
	19. WELDING:			1705A.2.5, Table 1705A.2.1 Items 4 & 5, DSA IR 17-3, AWS D1.1 and AWS D1.5 for structural steel, AWS D1.2 for Aluminum, AWS D1.3 for cold-formed steel, AWS D1.4 for reinforcing steel. (See Appendix for exemptions.)
	Verification of Materials, Equipment, Welders, etc.:			
X	a. Verify weld filler material identification markings per AWS designation listed on the DSA approved documents and the WPS.	Periodic	SI	DSA IR 17-3.
X	b. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	DSA IR 17-3.
X	c. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17-3.
	19.1 SHOP WELDING:			
X	a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds	Continuous	SI	Table 1705A.2.1 Item 5a1-4, Per AISC 360-10 (and AISC 341-10 as applicable), DSA IR 17-3.
X	b. Inspect single-pass fillet welds ≤ 5/16", floor and roof deck welds	Periodic	SI	1705A.2.2, Table 1705A.2.1 Item 5a.5 & 5a.6, Per AISC 360-10 (and AISC 341-10 as applicable), DSA IR 17-3.
X	c. Inspect welding of stairs and railing systems.	Periodic	SI	1705A.2.1, Per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1 & D1.3, DSA IR 17-3.
X	d. Verification of reinforcing steel weldability other than ASTM A706	Periodic	SI	1705A.3.1, verify carbon equivalent reported on mill certificates, AWS D1.4, DSA IR 17-3.
X	e. Inspect welding of reinforcing steel	Continuous	SI	1705A.3.1, Table 1705A.3 Item 2, and Table 1705A.2.1 Item 5b, 1903A.8, AWS D1.4, DSA IR 17-3.
	19.2 FIELD WELDING:			
X	a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds	Continuous	SI	Table 1705A.2.1 Item 5a1-4, Per AISC 360-10 (and AISC 341-10 as applicable), DSA IR 17-3.
X	b. Inspect single-pass fillet welds ≤ 5/16"	Periodic	SI	Table 1705A.2.1 Item 5a.5 & 5a.6, Per AISC 360-10 (and AISC 341-10 as applicable), DSA IR 17-3.
X	c. Inspect end-welded studs (ASTM A-108) installation (including bend test)	Periodic	SI	2213A.2 (2212.6.2), per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1, DSA IR 17-3.
X	d. Inspect floor and roof deck welds	Periodic	SI	1705A.2.2, Table 1705A.2.1 Item 5a.5 & 5a.6, Per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1 & AWS D1.3, DSA IR 17-3.
X	e. Inspect welding of structural cold-formed steel	Periodic	SI	1705A.2.6, AWS D1.3. * May be performed by the project inspector when specifically approved by DSA, DSA IR 17-3.
X	f. Inspect welding of stairs and railing systems	Periodic	SI	1705A.2.1, Per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1 & D1.3, DSA IR 17-3. * May be performed by the project inspector when specifically approved by DSA, DSA IR 17-3.
X	g. Verification of reinforcing steel weldability	Periodic	SI	1705A.3.1, verify carbon equivalent reported on mill certificates, AWS D1.4, DSA IR 17-3.
X	h. Inspect welding of reinforcing steel	Continuous	SI	1705A.3.1, Table 1705A.3 Item 2, and Table 1705A.2.1 Item 5b, 1903A.8, AWS D1.4, DSA IR 17-3.
	20. NONDESTRUCTIVE TESTING:			
X	a. Ultrasonic	Test	LOR	1705A.2.1 & 1705A.2.5, AISC 360-10 NS.5, AISC 341-10 App. G.5.2, AWS D1.1, D1.8, ANS/AASNT CP-189, SNT-TC-1A, DSA IR 17-2.
X	b. Magnetic Particle	Test	LOR	
	21. STEEL JOISTS AND TRUSSES:			
+	22. SPRAY APPLIED FIRE-PROOFING:			
+	23. ANCHOR BOLTS, ANCHOR RODS, & OTHER STEEL:			
a.	Anchor Bolts and Anchor Rods	Test	LOR	IR 17-11 Sample and test anchor bolts and anchor rods not readily identifiable.
b.	Threaded rod not used for foundation anchorage	Test	LOR	Sample and test threaded rods not readily identifiable per procedures noted in IR 17-11
	WOOD			
+	OTHER			

THE EXAMPLE OF FORM DSA-103s SHOWN ON THIS SHEET ARE FOR ILLUSTRATION PURPOSE ONLY. A FORM DSA-103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA-103s ARE TO BE CROSSED OUT ON THIS DRAWING.

IMPORTANT: This form is only a summary list of structural tests and some of the special inspections required for the project. Generally, the structural tests and special inspections noted on this form are those that will be performed by the Geotechnical Engineer of Record, Laboratory of Record, or Special Inspector. The actual complete test and inspection program must be performed as detailed on the DSA approved documents. The appendix at the bottom of this form identifies work NOT subject to DSA requirements for special inspection or structural testing. The project inspector is responsible for providing inspection of all facets of construction, including but not limited to, special inspections not listed on this form such as structural wood framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc., per Title 24, Part 2, Chapter 17A.

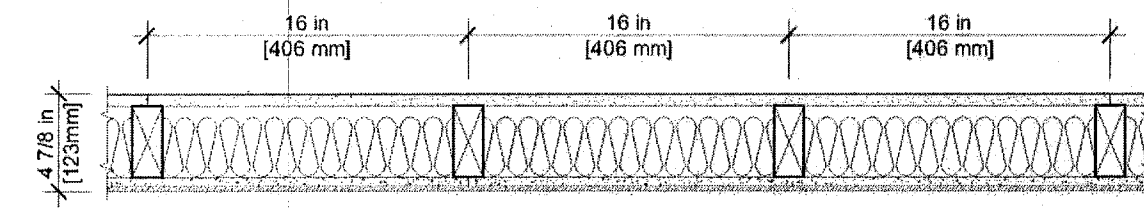
REQUIRED	TEST OR SPECIAL INSPECTION	TYPE	PERFORMED BY	CODE REFERENCE AND NOTES
+	SOILS			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
+	CONCRETE			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
+	MASONRY			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
+	STEEL, ALUMINUM			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
+	17. STRUCTURAL STEEL, COLD-FORMED STEEL, AND ALUMINUM USED FOR STRUCTURAL PURPOSES			Table 1705A.3, ACI 318-14 Sections 26.12 & 26.13
	Material Verification:			
X	a. Verify identification of all materials and: - Mill certificates indicate material properties that comply with requirements. - Material sizes, types and grades comply with requirements.	Periodic	SI	2203A.1 (2203.1), Table 1705A.2.1 Item 3a-3c; AISI S100-07/52-10 Section A2.1 & A2.2, AISI S200-12 Section A3, AISI S220-11 Section A4. * By special inspector or qualified technician when performed off-site.
X	b. Test unidentified materials	Test	LOR	2203A.1 (2203.1)
X	c. Examine seam welds of HSS shapes	Periodic	SI	DSA IR 17-3.
	Inspection:			
d.	Not used.			
e.	Verify and document steel fabrication per DSA approved construction documents.	Periodic	SI	Not applicable to cold-formed steel light-frame construction, except for trusses (1705A.2.4).
+	18. HIGH STRENGTH BOLTS:			RCSC 2009
	19. WELDING:			1705A.2.5, Table 1705A.2.1 Items 4 & 5, DSA IR 17-3, AWS D1.1 and AWS D1.5 for structural steel, AWS D1.2 for Aluminum, AWS D1.3 for cold-formed steel, AWS D1.4 for reinforcing steel. (See Appendix for exemptions.)
	Verification of Materials, Equipment, Welders, etc.:			
X	a. Verify weld filler material identification markings per AWS designation listed on the DSA approved documents and the WPS.	Periodic	SI	DSA IR 17-3.
X	b. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	DSA IR 17-3.
X	c. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17-3.
	19.1 SHOP WELDING:			
X	a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds	Continuous	SI	Table 1705A.2.1 Item 5a1-4, Per AISC 360-10 (and AISC 341-10 as applicable), DSA IR 17-3.
X	b. Inspect single-pass fillet welds ≤ 5/16", floor and roof deck welds	Periodic	SI	1705A.2.2, Table 1705A.2.1 Item 5a.5 & 5a.6, Per AISC 360-10 (and AISC 341-10 as applicable), DSA IR 17-3.
X	c. Inspect welding of stairs and railing systems.	Periodic	SI	1705A.2.1, Per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1 & D1.3, DSA IR 17-3.
X	d. Verification of reinforcing steel weldability other than ASTM A706	Periodic	SI	1705A.3.1, verify carbon equivalent reported on mill certificates, AWS D1.4, DSA IR 17-3.
X	e. Inspect welding of reinforcing steel	Continuous	SI	1705A.3.1, Table 1705A.3 Item 2, and Table 1705A.2.1 Item 5b, 1903A.8, AWS D1.4, DSA IR 17-3.
	19.2 FIELD WELDING:			
X	a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds	Continuous	SI	Table 1705A.2.1 Item 5a1-4, Per AISC 360-10 (and AISC 341-10 as applicable), DSA IR 17-3.
X	b. Inspect single-pass fillet welds ≤ 5/16"	Periodic	SI	Table 1705A.2.1 Item 5a.5 & 5a.6, Per AISC 360-10 (and AISC 341-10 as applicable), DSA IR 17-3.
X	c. Inspect end-welded studs (ASTM A-108) installation (including bend test)	Periodic	SI	2213A.2 (2212.6.2), per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1, DSA IR 17-3.
X	d. Inspect floor and roof deck welds	Periodic	SI	1705A.2.2, Table 1705A.2.1 Item 5a.5 & 5a.6, Per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1 & AWS D1.3, DSA IR 17-3.
X	e. Inspect welding of structural cold-formed steel	Periodic	SI	1705A.2.6, AWS D1.3. * May be performed by the project inspector when specifically approved by DSA, DSA IR 17-3.
X	f. Inspect welding of stairs and railing systems	Periodic	SI	1705A.2.1, Per AISC 360-10 (and AISC 341-10 as applicable), AWS D1.1 & D1.3, DSA IR 17-3. * May be performed by the project inspector when specifically approved by DSA, DSA IR 17-3.
X	g. Verification of reinforcing steel weldability	Periodic	SI	1705A.3.1, verify carbon equivalent reported on mill certificates, AWS D1.4, DSA IR 17-3.
X	h. Inspect welding of reinforcing steel	Continuous	SI	1705A.3.1, Table 1705A.3 Item 2, and Table 1705A.2.1 Item 5b, 1903A.8, AWS D1.4, DSA IR 17-3.
	20. NONDESTRUCTIVE TESTING:			
X	a. Ultrasonic	Test	LOR	1705A.2.1 & 1705A.2.5, AISC 360-10 NS.5, AISC 341-10 App. G.5.2, AWS D1.1, D1.8, ANS/AASNT CP-189, SNT-TC-1A, DSA IR 17-2.
X	b. Magnetic Particle	Test	LOR	
	21. STEEL JOISTS AND TRUSSES:			

CAL GREEN NOTES

CONSTRUCTION WASTE MANAGEMENT

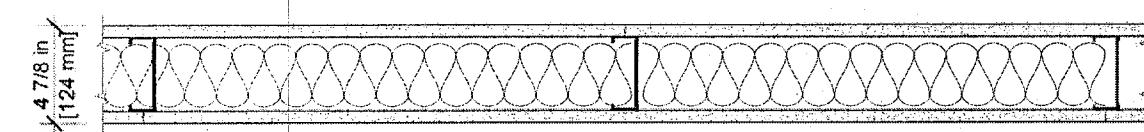
PER 2016 CALGREEN CODE SECTION 5.408.1
CONSTRUCTION WASTE MANAGEMENT MEETS THE FOLLOWING CALGREEN REQUIREMENTS:
I- PERCENTAGE OF WASTE TO BE SALVAGED OR RECYCLED WITH A MINIMUM OF 65% OF NON-HAZARDOUS CONSTRUCTION WASTE.

II- THE CONSTRUCTION AND DEMOLITION MATERIALS WILL BE HANDLED BY A MATERIAL RECOVERY FACILITY (MRF) PROCESSED AND DIVERTED AS NEEDED. THE PROCESS IN PLACE GENERALLY YIELD A 75% OR BETTER DIVERSION RATE.



UL U329 or GAP WP 3441 Fire Rating 1 hr. STC 40 MIN. Thickness (in.) 4-7/8"
Interior Partitions - Wood Stud

- * Gypsum Board - 5/8 in. thick board, applied horizontally or vertically
- * Wood Studs - 2 in. x 4 in. wood studs spaced max. 16 in. o/c
- * Batts and Blankets - Min. 3-1/2 in. thick mineral wool batt insulation
- * Cement Board - 1/2 in. thick board, applied horizontally or vertically
- * Bond Coat for Setting Tile - Latex modified portland cement mortar or . 1 type I organic adhesive applied with a notched trowel
- * Ceramic Tile - 1/4 in. thick ceramic tile

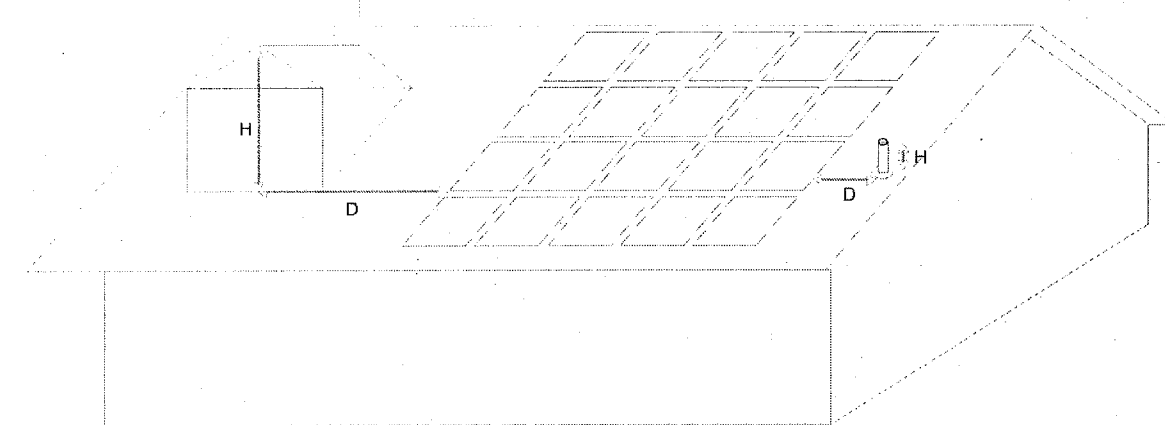


Fire Test UL U465 Fire Rating 1 hr. STC 40 MIN. Thickness (in.) 4-7/8"
Steel Stud (Non-loadbearing) Interior Partitions
Sound Test: RAL-TL11-125

- * Gypsum Board - 5/8 in. thick board, applied vertically, attached to studs with 1 in. long, Type S-12 screws, spaced 8 in. o/c along the edges and 12 in. o/c of the board - SHHETROCK Brand Firecode Core (Type X)
- * Steel Studs - 3-5/8 in. wide min. 25 gauge steel. Attached to floor and ceiling with fasteners, 24 in o/c - 362S125-18
- * Gypsum Board - 5/8 in. thick gypsum board applied vertically or horizontally - SHHETROCK Brand FIRECODE Core (Type X)
- * Batts and Blankets - Min. 3-1/2 in. thick mineral wool batt insulation

Moisture control. Exterior door protection:
Nonabsorbent flooring indicated on floor plan, and nonabsorbent interior wall finish indicated on interior elevations.

See sheets A1.0, A1.1, and A1.2 for door protection
See sheet A5.2 for wall finishes



Source: California Energy Commission

Any obstruction, located on the roof or any other part of the building that projects above the solar zone shall be located at a sufficient horizontal distance away from the solar zone, in order to reduce the resulting shading of the solar zone. For each obstruction, the horizontal distance ("D") from the obstruction to the solar zone shall be at least two times the height difference ("H") between the highest point of the obstruction and the horizontal projection of the nearest point of the solar zone.

$$D \geq 2 \times H$$

SECTION	SHEET	2016 CALGREEN AND ENERGY CODE COMPLIANCE CHECKLIST FOR PRE-CHECKED (PC) PERMANENT AND MODULAR RELOCATABLE BUILDING DESIGNS				
WATER EFFICIENCY						
5.303.3		WATER CONSERVING PLUMBING FIXTURES AND FITTINGS:				
5.303.3	P1.0	PLUMBING FIXTURE FLOW RATES ARE SHOWN ON PLUMBING FIXTURE SCHEDULE.				
MATERIAL CONSERVATION & RESOURCE EFFICIENCY						
5.407.2.2		WATER RESISTANCE AND MOISTURE MANAGEMENT:				
5.407.2.2.1	A1.0.1.2	PLANS AND FINISH SCHEDULES SHOW THE LOCATION OF THE MINIMUM REQUIRED INTERIOR DOOR PROTECTION AND INDICATE THE NONABSORBENT FLOOR AND WALL FINISHES TO BE INSTALLED 2 FEET AROUND AND PERPENDICULAR TO THE PRIMARY ENTRANCES.				
5.407.2.2.2	A1.0.1.2	PLANS AND SECTIONS INDICATE THE MINIMUM EXTERIOR DOOR PROTECTION WITH THE LOCATION AND DETAILS FOR A 4 FEET DEEP AWNING, ROOF OVERHANG, RECESSED AWNING, OR OTHER APPROPRIATE METHOD AT THE PRIMARY ENTRANCES.				
5.407.2.2.2	A1.0.1.4.3	ROOF PLANS AND DETAILS INDICATE FLASHINGS INTEGRATED WITH A DRAINAGE PLANE.				
CONSTRUCTION WASTE MANAGEMENT:						
5.408.1	POF	<input checked="" type="checkbox"/> PROVIDES A LETTER FROM THE LOCAL WASTE AND RECYCLING FACILITY USED BY THE MANUFACTURER WHICH SPECIFIES A CONSTRUCTION WASTE MANAGEMENT PLAN IDENTIFYING RECYCLES AND/OR SALVAGES FOR REUSE A MINIMUM OF 65% OF THE NONHAZARDOUS CONSTRUCTION WASTE. <input checked="" type="checkbox"/> THE CONSTRUCTION WASTE MATERIALS TO BE DIVERTED FROM DISPOSAL BY EFFICIENT USAGE, RECYCLING, REUSE ON THE PROJECT, OR SALVAGED FOR FUTURE USE OR REUSE. <input checked="" type="checkbox"/> SPECIFIES IF CONSTRUCTION WASTE MATERIALS WILL BE SORTED ON-SITE OR BULK SHIPPED. <input checked="" type="checkbox"/> DIVERSION FACILITY WHERE CONSTRUCTION WASTE WILL BE TAKEN. <input checked="" type="checkbox"/> SPECIFIES IF THE AMOUNT OF CONSTRUCTION WASTE IS CALCULATED BY WEIGHT OR VOLUME. <input checked="" type="checkbox"/> WASTE MANAGEMENT COMPANY IS ABLE TO PROVIDE VERIFIABLE DOCUMENTATION THAT 65% OF CONSTRUCTION WASTE MATERIAL WILL BE DIVERTED.				
ENVIRONMENTAL QUALITY						
POLLUTANT CONTROL						
5.504.4.1	A0.5	ADHESIVES, SEALANTS AND CAULKS				
		FINISH	WHERE USED (TYPE)	MANUFACTURER/SPECIFICATION	VOC	VOC LIMIT (GPL)
5.504.4.2	A0.5	Indoor Carpet Adhesives	NuBrod,ok, Mohawk Inc.	NuBrod,ok, Mohawk Inc.	0	50
5.504.4.2	A0.5	Carpet Pad Adhesives	N/A		0	50
5.504.4.2	A0.5	Cover Base Adhesives	Henry Base	Henry 440	70	70
5.504.4.2	A0.5	Multi-purpose Construction Adhesives 1	General	Liquid Nails - Heavy Duty construction adhesive	70	70
5.504.4.2	A0.5	Contact Adhesive	General	Maxwell - Lockite Light Cure	20	70
5.504.4.2	A0.5	Contact Adhesive	General	Maxwell - Lockite Light Cure	20	70
5.504.4.1	A0.5	Architectural 1	Exterior	Sherwin Williams - 855A White	33	250
5.504.4.1	A0.5	Architectural 2	Exterior	Sherwin Williams - Shammax clear	19	250
5.504.4.1	A0.5	Single ply roof Membrane	Roof Caulk/Sealer	Tremco - Future Flash Sealer	6	450
PAINTS AND COATINGS						
		FINISH	WHERE USED (TYPE)	MANUFACTURER/SPECIFICATION	VOC	VOC LIMIT (GPL)
5.504.4.3.1	A0.5	Aerosol Spray Flat Paint	Painted Surface	Krylon	<=0	50
5.504.4.3	A0.5	Flat Coatings 1	Painted Surface	Sherwin Williams - Pro Mar 200 Zero	50	50
5.504.4.3	A0.5	Flat Coatings 2	Painted Surface	Dunn Edwards Paints - Acra Hues	40	50
5.504.4.3	A0.5	Flat Coatings 3	Painted Surface	Vista Paints	50	50
		Wall Material 1	FRP Wall Covering	Glassco		
		Wall Material 1	Tackable Wall (Non-absorbent)	Chaffield Clarke		
CARPET SYSTEMS						
		FINISH	MANUFACTURER	CERTIFICATION ORGANIZATION		
5.504.4.4	A0.5	Carpet	Mohawk Carpets	Carpet & Rug Institute - Green Label Plus Program		
HARDWOOD PLYWOOD, PARTICLEBOARD, FIBERBOARD WOOD PRODUCTS						
		FINISH	WHERE USED (TYPE)	MANUFACTURER/SPECIFICATION	FORMALDEHYDE EMISSIONS	FORMALDEHYDE LIMIT
5.504.4.5	A0.5	Plywood	Roof / Floor	APA Rated	<=0.05	0.05
RESILIENT FLOORING SYSTEMS						
		FINISH	MANUFACTURER	CERTIFICATION ORGANIZATION		
5.504.4.6	A0.5	Vinyl Composition Tile Flooring	Armstrong / Imperial	CA Dept. of Public Health's 2010 Standard Method for the Testing		
		Sheet Vinyl Flooring	Marmonlin	CA Dept. of Public Health's 2010 Standard Method for the Testing		
		FRP Wall Covering	Glassco	CA Dept. of Public Health's 2010 Standard Method for the Testing		
		Tackable Wall	Chaffield Clarke	CA Dept. of Public Health's 2010 Standard Method for the Testing		
FILTER SPECIFICATION:						
5.504.3	M0.1	COVERING OF DUCT OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION AND SHIPMENT.				
5.504.3.3	M0.1	MECHANICAL SPECIFICATION OR NOTE INCLUDES INFORMATION REQUIRING A MINIMUM MERV 8 FILTERS) OR HIGHER.				
INDOOR MOISTURE CONTROL:						
		<input checked="" type="checkbox"/> ATTIC IS UNVENTED.				
ENVIRONMENTAL COMFORT:						
EXTERIOR NOISE TRANSMISSION:						
		<input checked="" type="checkbox"/> NOTE ON CONTRACT THAT STATES - THIS PC WILL NOT BE PLACED IN ANY OF THE FOLLOWING LOCATIONS:				
5.507.4.1	A0.0	1- WITHIN THE 65 CNEL NOISE CONTOUR OF AN AIRPORT; 2- WITHIN THE 65 CNEL OR LDN NOISE CONTOUR OF A FREEWAY, EXPRESSWAY, RAILROAD, OR INDUSTRIAL SOURCE GUIDEWAY; 3- WHERE EXPOSED TO NOISE LEVEL OF 65 DB LEQ-1HR DURING ANY HOUR OF OPERATION.				
INTERIOR SOUND TRANSMISSION:						
5.507.4.3	A0.5	INTERIOR WALLS MEET MINIMUM 49 STC.				
OUTDOOR AIR QUALITY:						
5.508.1	M0.1	HVAC EQUIPMENT DOES NOT CONTAIN CFCs OR HALONS.				

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

PROFESSIONAL STAMP

THE PLANS, IDEAS & DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF RBS TAVARES ASSOCIATES, INC. DEMISED SOLELY FOR THIS CONTRACT. THESE PLANS SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE FOR WHICH THEY WERE NOT INTENDED WITHOUT THE EXPRESS WRITTEN CONSENT OF RBS TAVARES ASSOCIATES, INC. ©

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard
Paris, CA 92671

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC_RM_FLS_EA_SSR_KER
DATE: 07/19/2018

PROJECT TITLE
24' x 40'
EXPANDABLE TO
120' x 40'

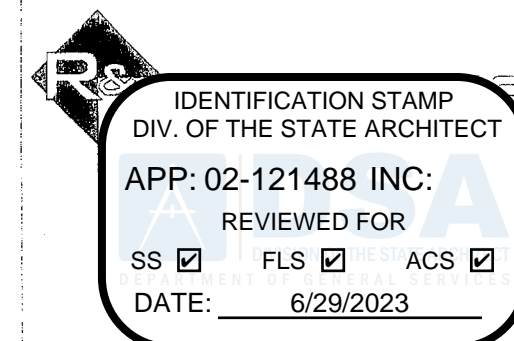
PRE-CHECK (PC) DOCUMENT
Code: I 2016 | CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
~~IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 116239
ACS_FLS_SSR
DATE: MAR 07 2019~~

Revision Schedule
Description Date

SHEET TITLE
CALGREEN SPEC'S

PROJECT NUMBER
17016A
DRAWN BY
JMC/SC
CHECKED BY
JAVK
DATE
2017/06/05
SHEET NO.
A0.5



PROFESSIONAL STAMP



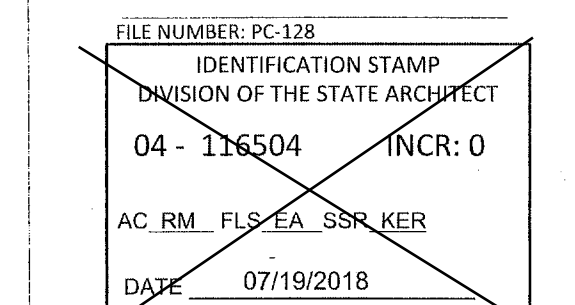
12/19/2017

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1221 Harley Knox Boulevard
Perris, CA 92571

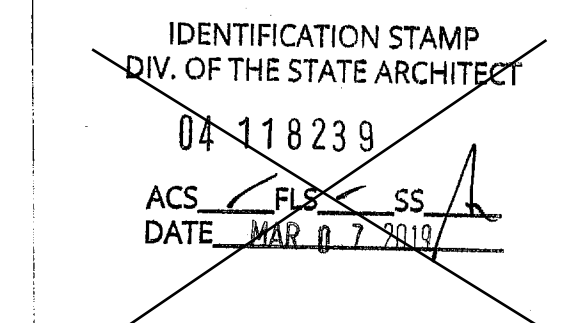
ORIGINAL PC STATE AGENCY APPROVAL



PROJECT TITLE
24' x 40'
EXPANDABLE TO
120' x 40'

PRE-CHECK (PC) DOCUMENT
Code: 2016 | CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL



Revision Schedule

#	Description	Date

All rated construction (both vertical and horizontal) must be clearly defined, correctly identified, detailed, and listed in accordance with CBC Chapters 3,5,7 and 10 (fire partitions, barriers, walls, shaft, egress protection, ceilings, opening protection, penetrations, structural members, etc). Provide and cross-reference installation details, including all components and attachment schedules for the fire-resistive materials to the framing. Shall conform in every particular with the design number specified

SECTION 915
CARBON MONOXIDE DETECTION

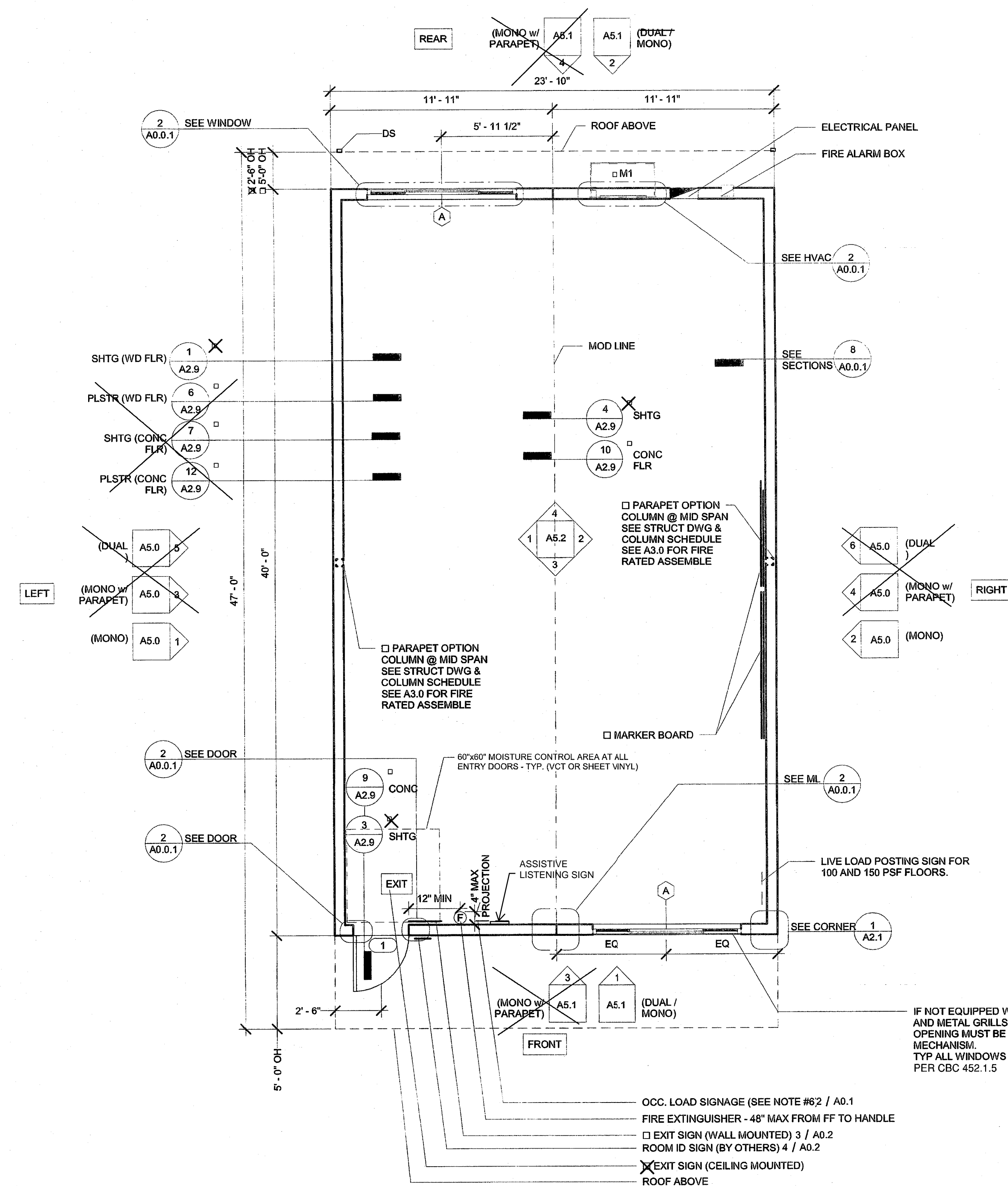
915.4 Carbon monoxide alarms. Carbon monoxide alarms shall comply with Sections 915.4.1 through 915.4.4.

[F] 915.4.1 Power source. Carbon monoxide alarms shall receive their primary power from the building wiring where such wiring is served from a commercial source, and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and with-out a disconnecting switch other than that required for overcurrent protection.

915.2.3 Group E occupancies. Carbon monoxide detection shall be installed in classrooms in Group E occupancies. Carbon monoxide alarm signals shall be automatically transmitted to an on-site location that is staffed by school personnel.

915.3 Detection equipment. Carbon monoxide detection required by Sections 915.1 through 915.2.3 shall be provided by carbon monoxide alarms complying with Section 915.4 or carbon monoxide detection systems complying with Section 915.5.

ASSISTED LISTENING SYSTEM REQUIRED IN CLASSROOMS. PROVIDE SIGN FOR AVAILABILITY. SEE A0.2 FOR REQUIRED SIGN



1 1/4" = 1'-0" 24x40 Floor Plan

Wall Schedule			Fire Rating Schedule			Ext. Finish Schedule			Roofing Schedule				
Stud Size	Sheet	Notes	Rating	Sheet	Notes	Finishes	Sheet	Notes	"SLOPE"	EDPM	Standing Seam	Parapet	Notes
Wood Wall Stud	S4.5		1 HOUR - SIDING OVER WD STUDS	A2.5	WP#8105	SIDING OVER WD STUDS	A2.1		Dual	<input type="checkbox"/> A4.2.2	<input type="checkbox"/> A4.0.2	N/A	
Mtl Wall Stud	S4.5	CONTINUOUS EXT R-4 INSULATION	1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ WD STUDS	A2.6	PER-CBC-TABLE 721.1(2)	PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ WD STUDS	A2.2		Monc	<input type="checkbox"/> A4.2.1	<input checked="" type="checkbox"/> A4.0.1	<input type="checkbox"/> A4.4.1	
			1 HOUR - SIDING OVER STL STUDS	A2.7	WP#8006	SIDING OVER STL STUDS	A2.3						
			1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ STL STUDS	A2.8	PER-CBC-TABLE 721.1(2)	PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ STL STUDS	A2.4						

* SEE A0.5 FOR INTERIOR SOUND TRANSMISSION REQUIREMENTS, INTERIOR WALL LOCATION PER SITE SPECIFIC APPLICATION DRAWING.

SEE A3.0 FOR ADDITIONAL FIRE ASSEMBLY NOTES AND DETAILS

5 1/4" = 1'-0" Wall Schedule

4 1/4" = 1'-0" Fire Rating Schedule

3 1/4" = 1'-0" Ext. Finish Schedule

Keynote	HVAC Unit Type	Type	Comments
X M1	Wall Mounted HVAC		See (M)-Sheets
o M2	Roof Mounted HVAC		See (M)-Sheets

PROJECT NUMBER

17016A

DRAWN BY

RMG/SC

CHECKED BY

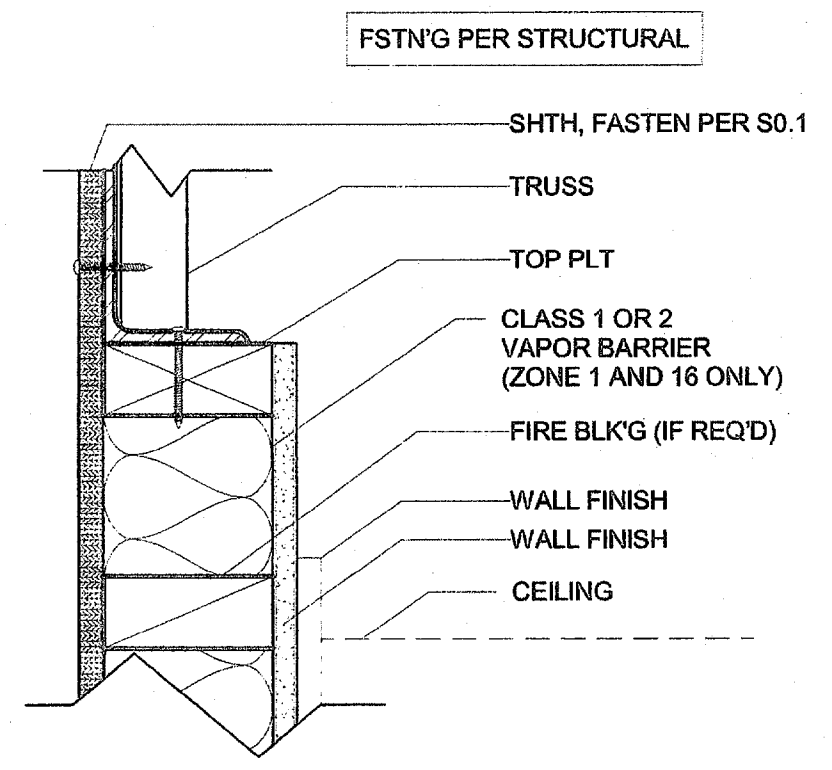
JA/RT

DATE

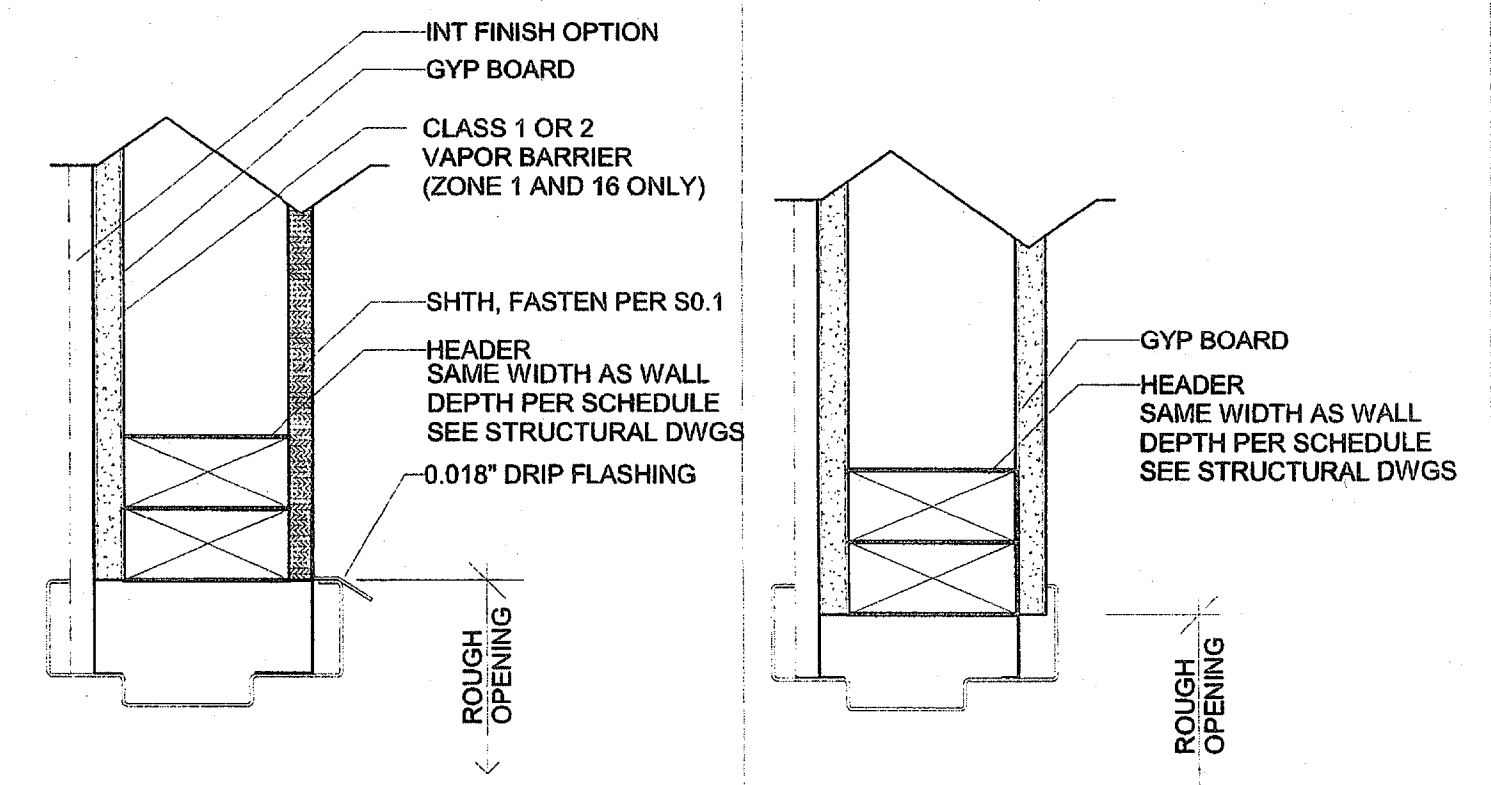
2017/06/05

SHEET NO.

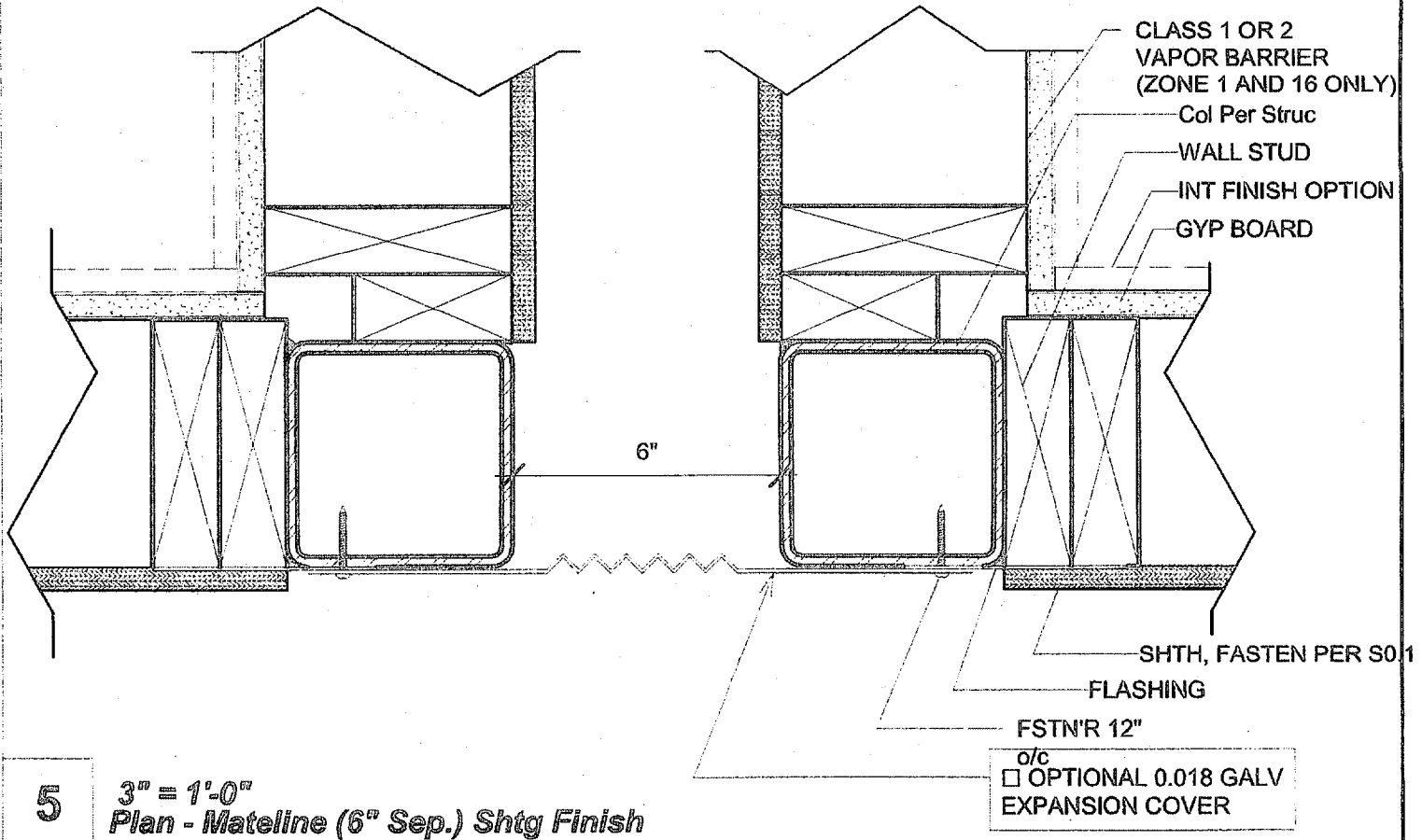
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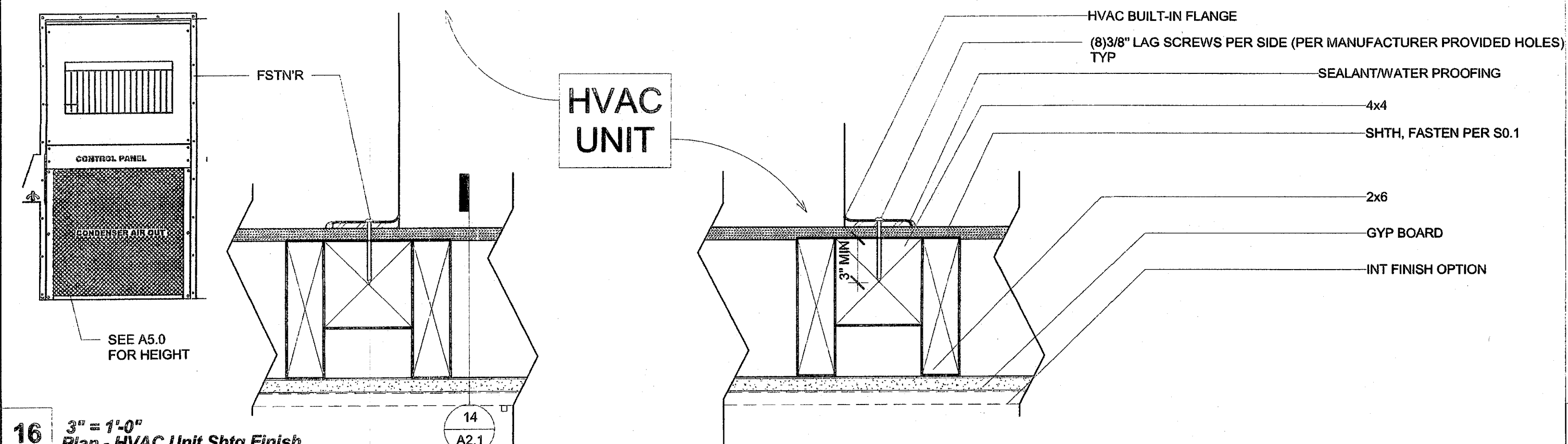
17 3" = 1'-0" Section - Top Plate Shtg Finish



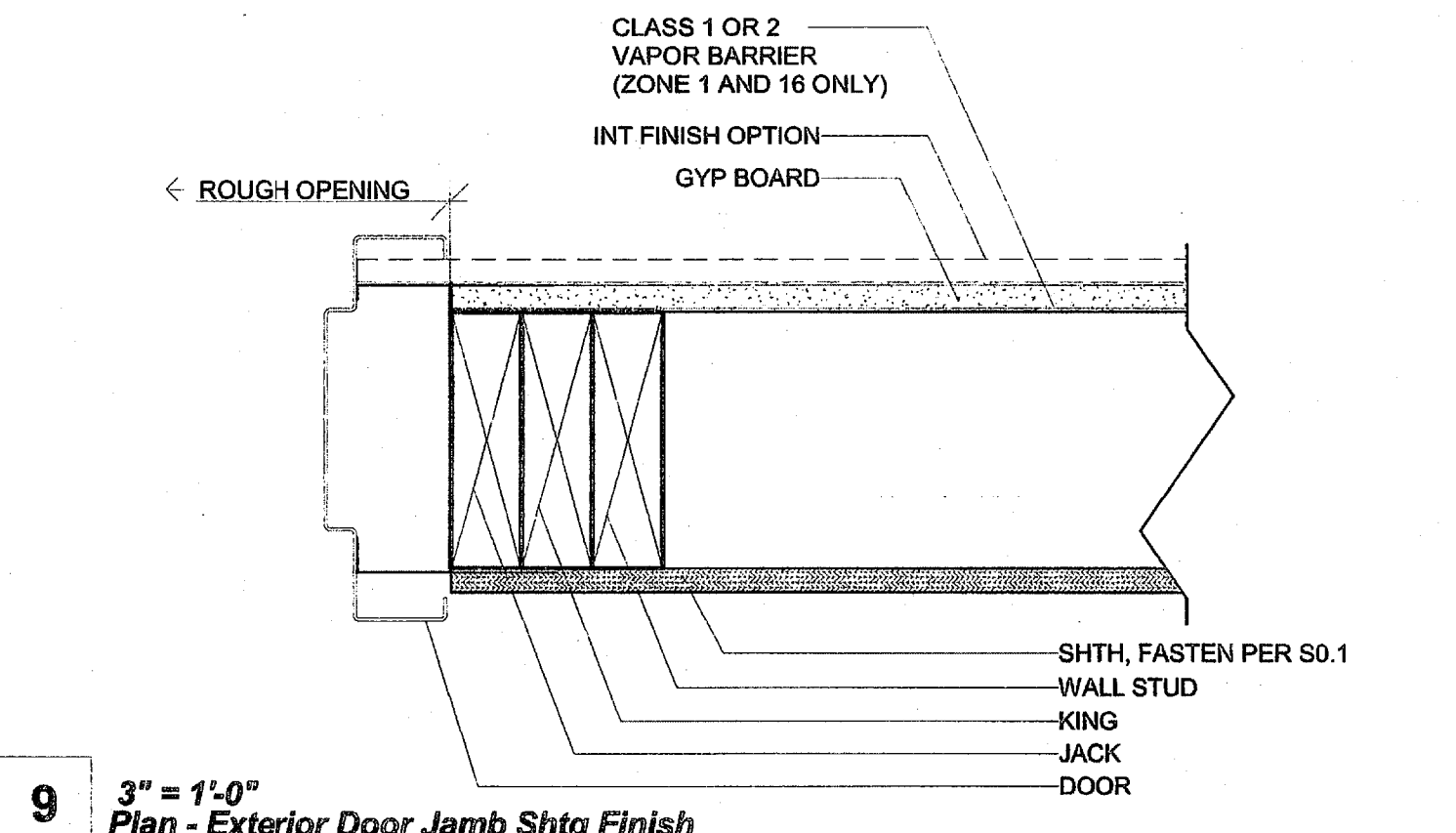
10A 3" = 1'-0" Section - Ext Wall Hdr Door Shtg Finish



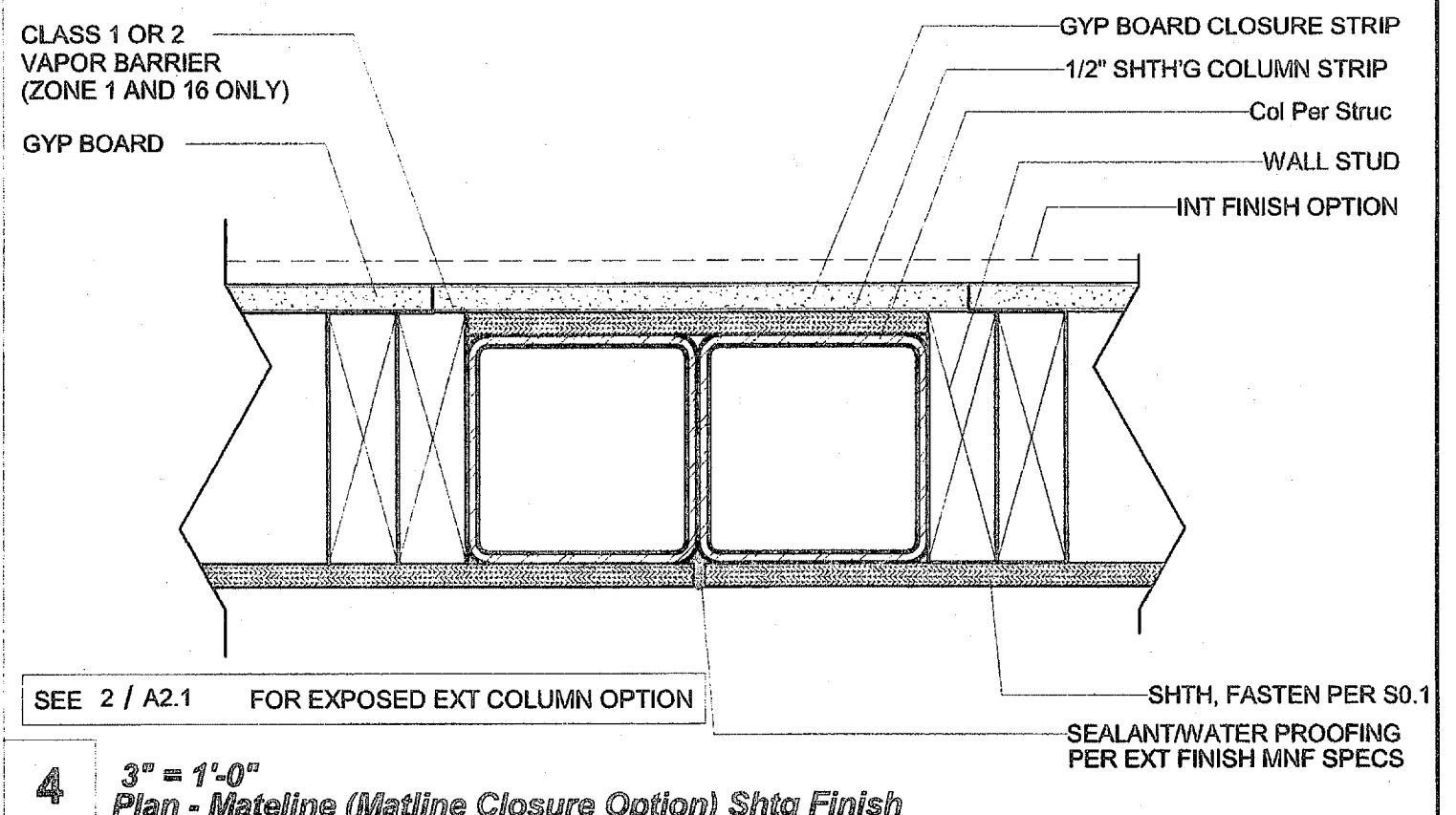
5 3" = 1'-0" Plan - Mateline (6" Sep.) Shtg Finish



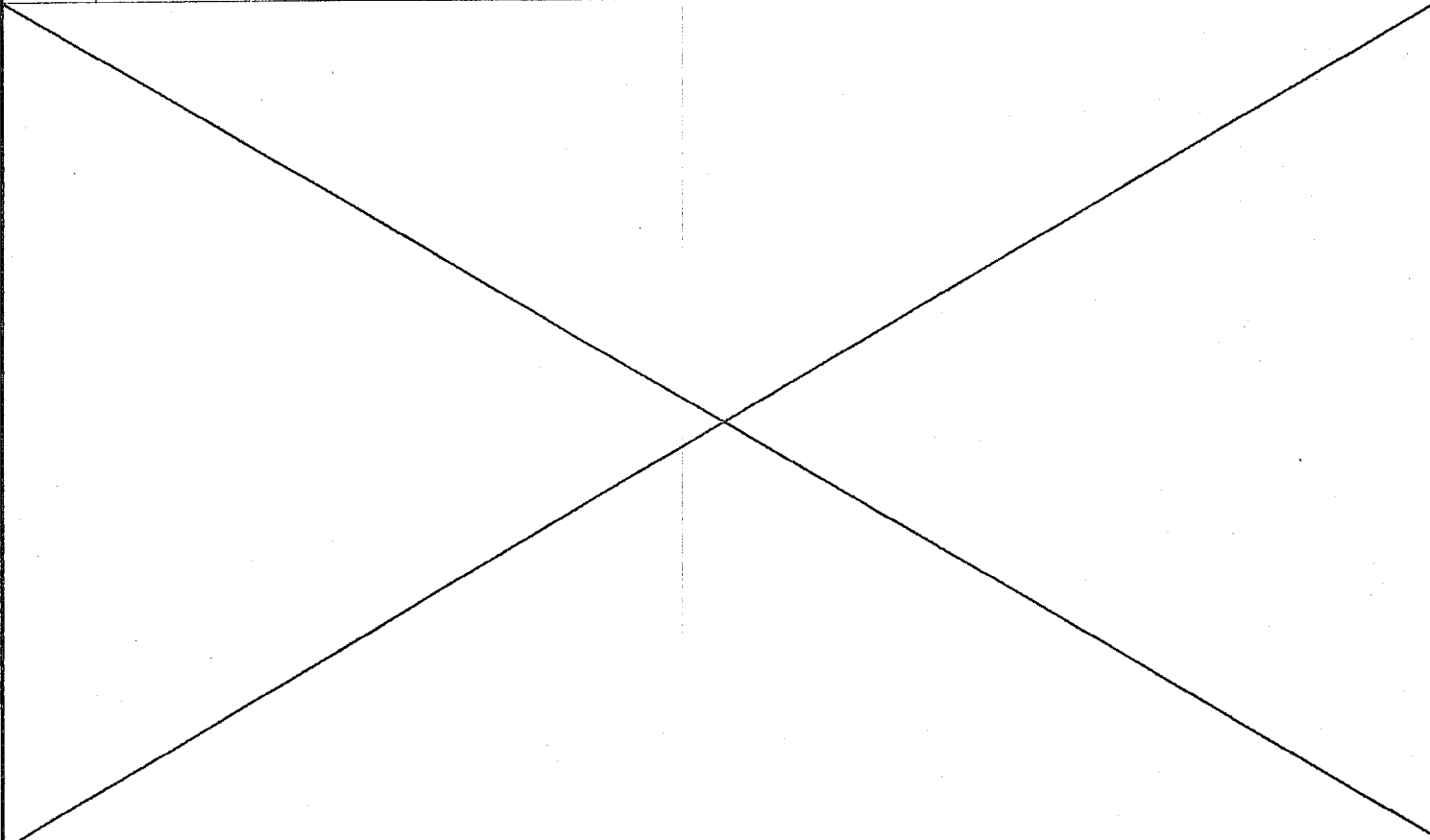
16 3" = 1'-0" Plan - HVAC Unit Shtg Finish



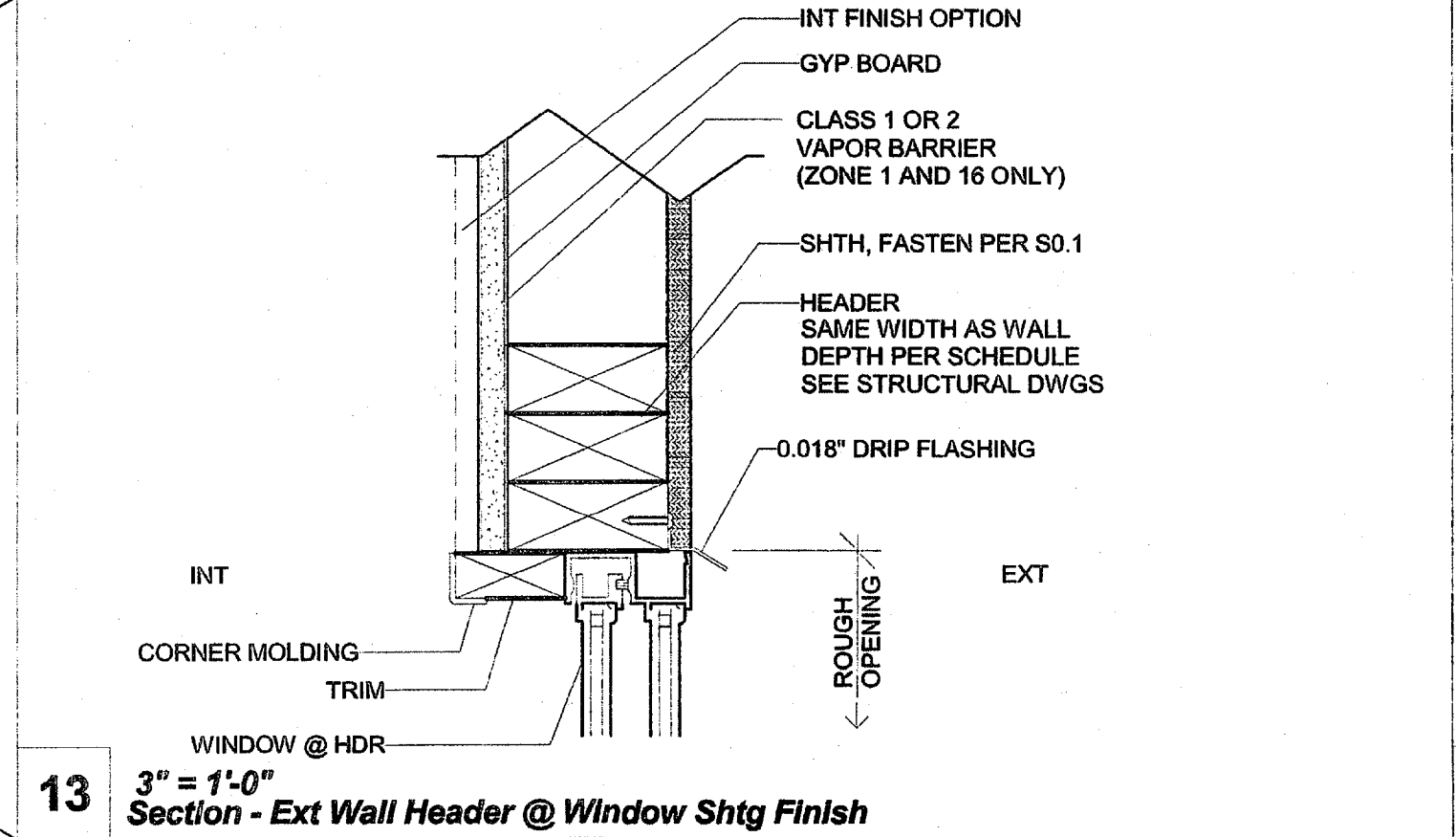
9 3" = 1'-0" Plan - Exterior Door Jamb Shtg Finish



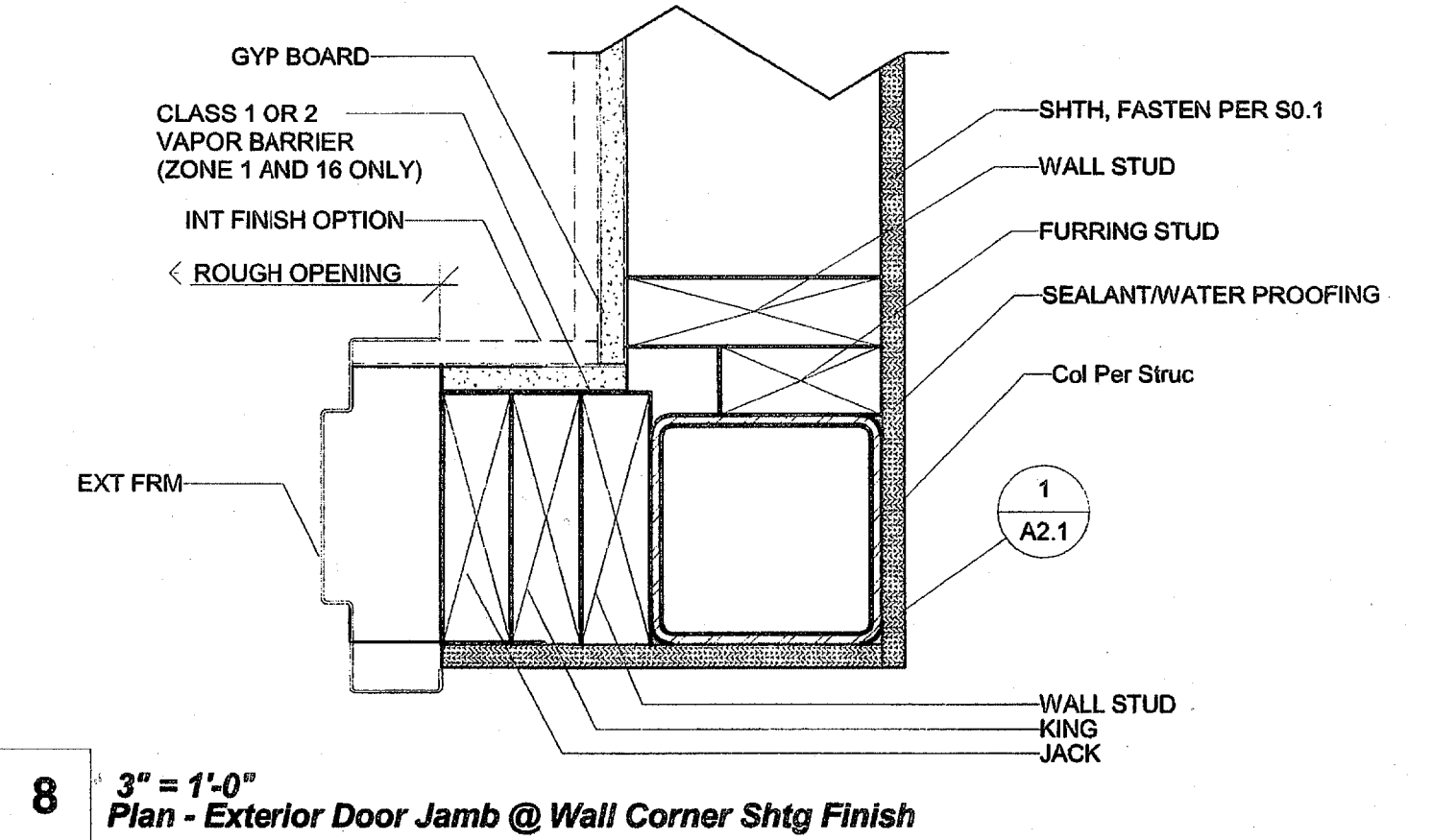
4 3" = 1'-0" Plan - Mateline (Mateline Closure Option) Shtg Finish



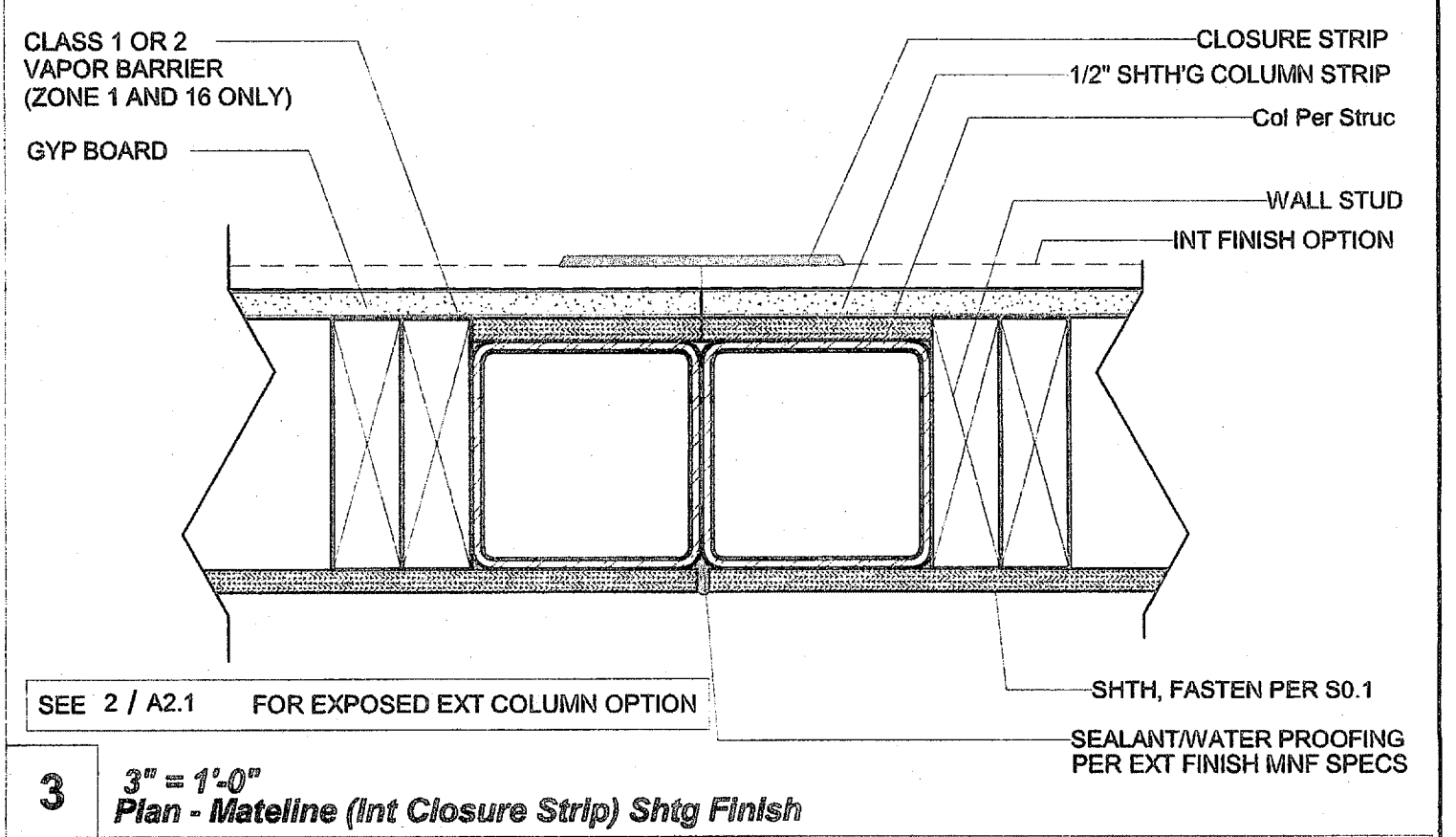
14 3" = 1'-0" Section - Ext Wall @ HVAC Shtg Finish



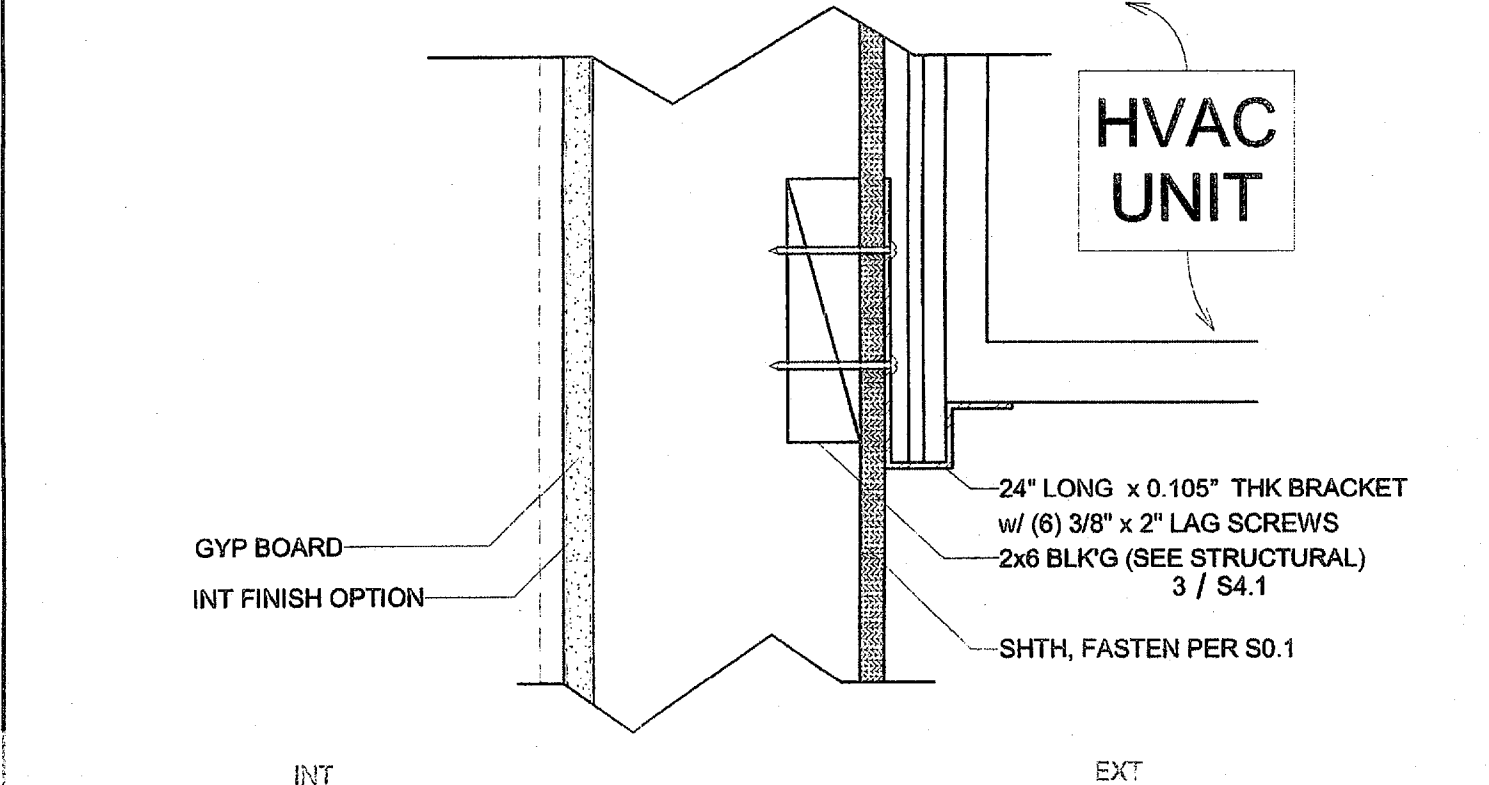
13 3" = 1'-0" Section - Ext Wall Header @ Window Shtg Finish



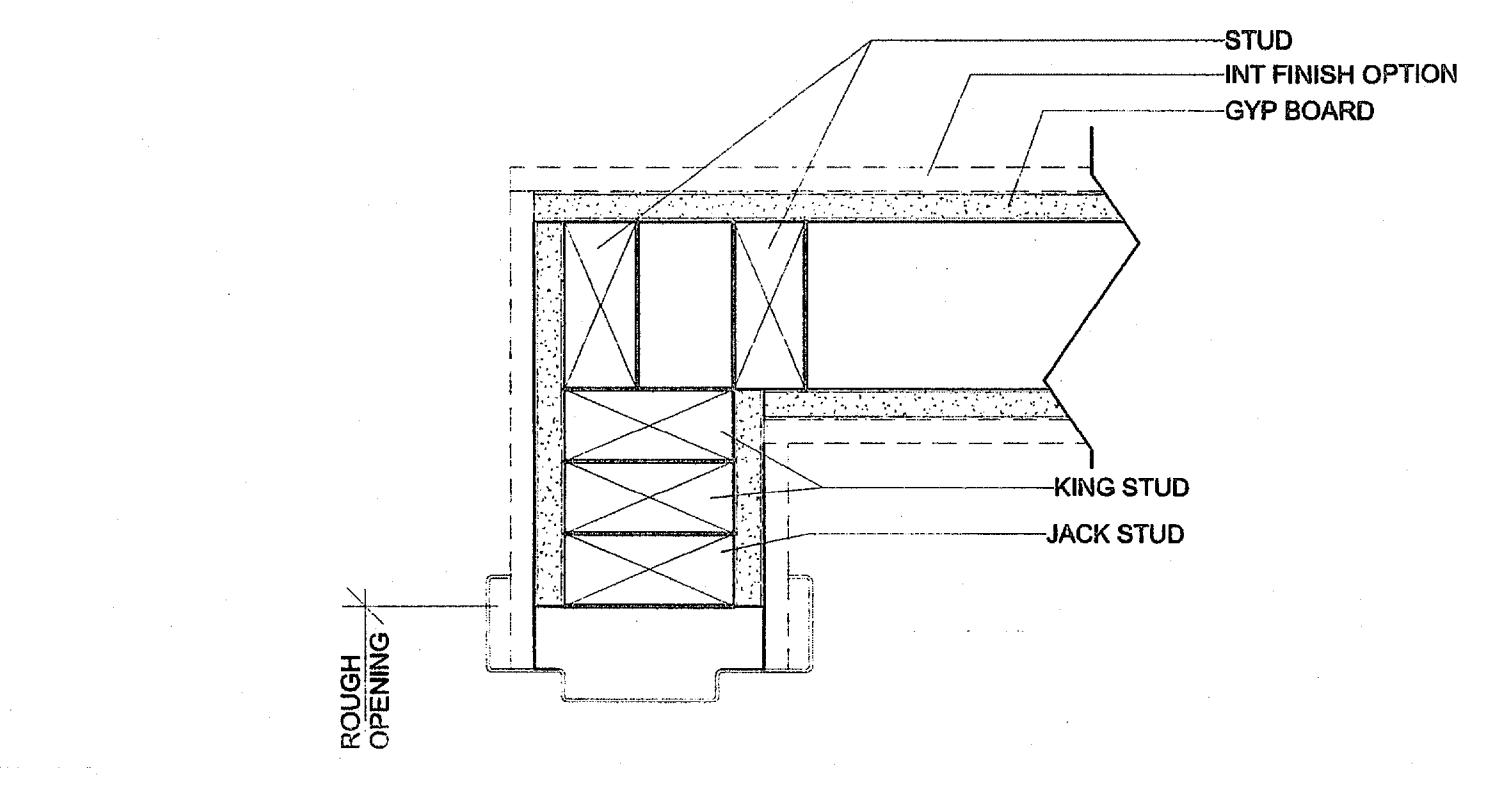
8 3" = 1'-0" Plan - Exterior Door Jamb @ Wall Corner Shtg Finish



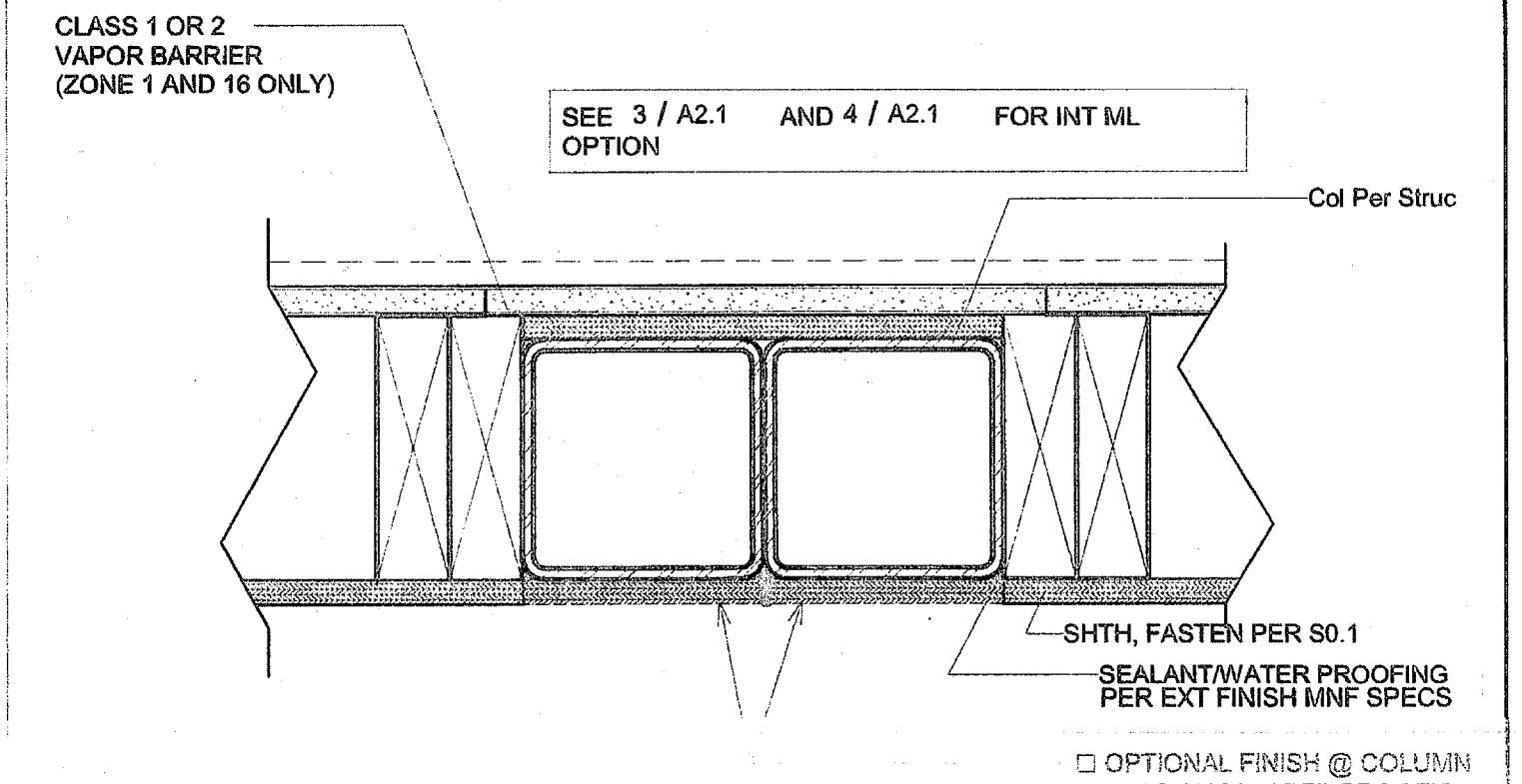
3 3" = 1'-0" Plan - Mateline (Int Closure Strip) Shtg Finish



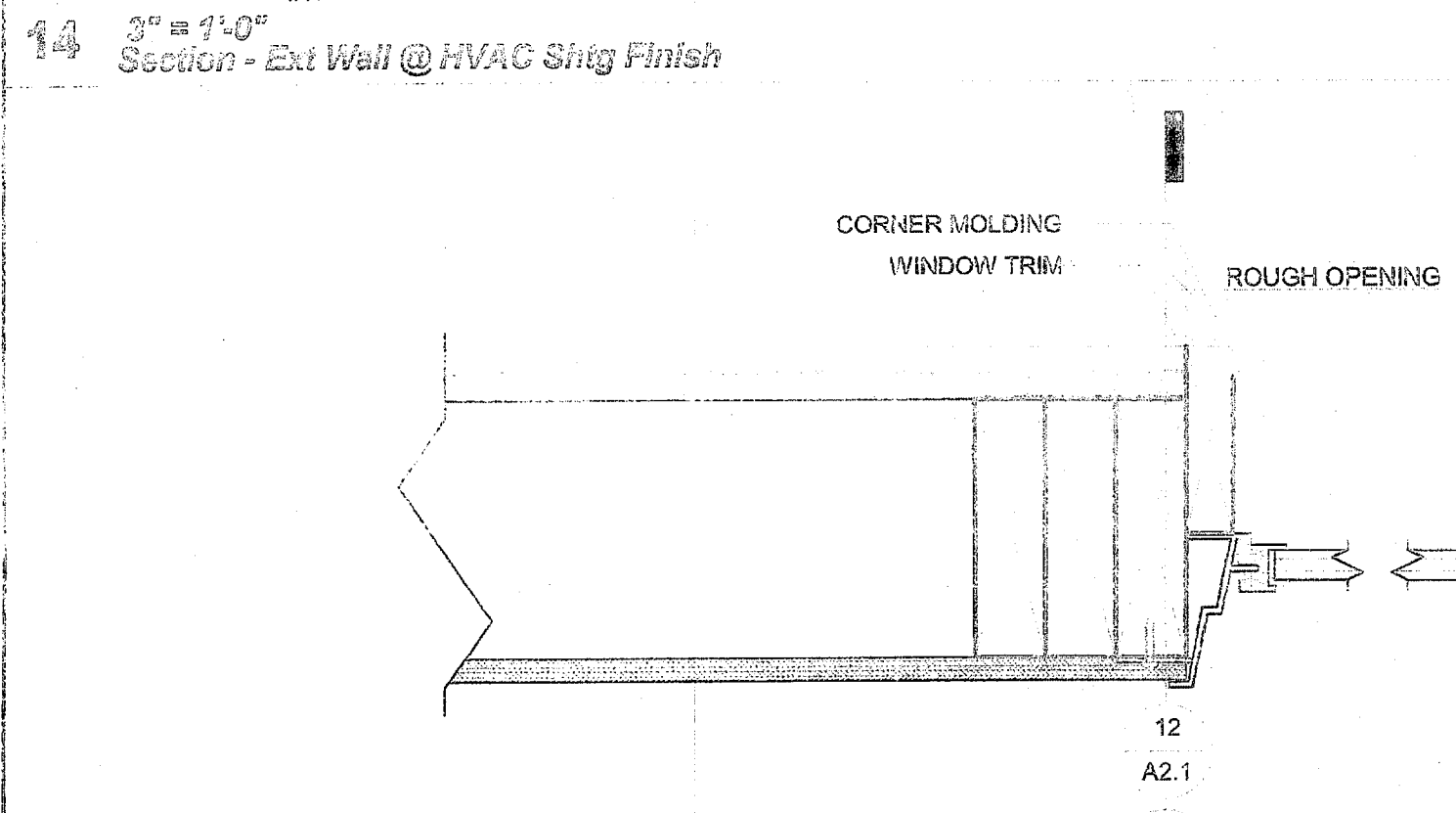
12 3" = 1'-0" Section - Ext Wall Sill @ Window Shtg Finish



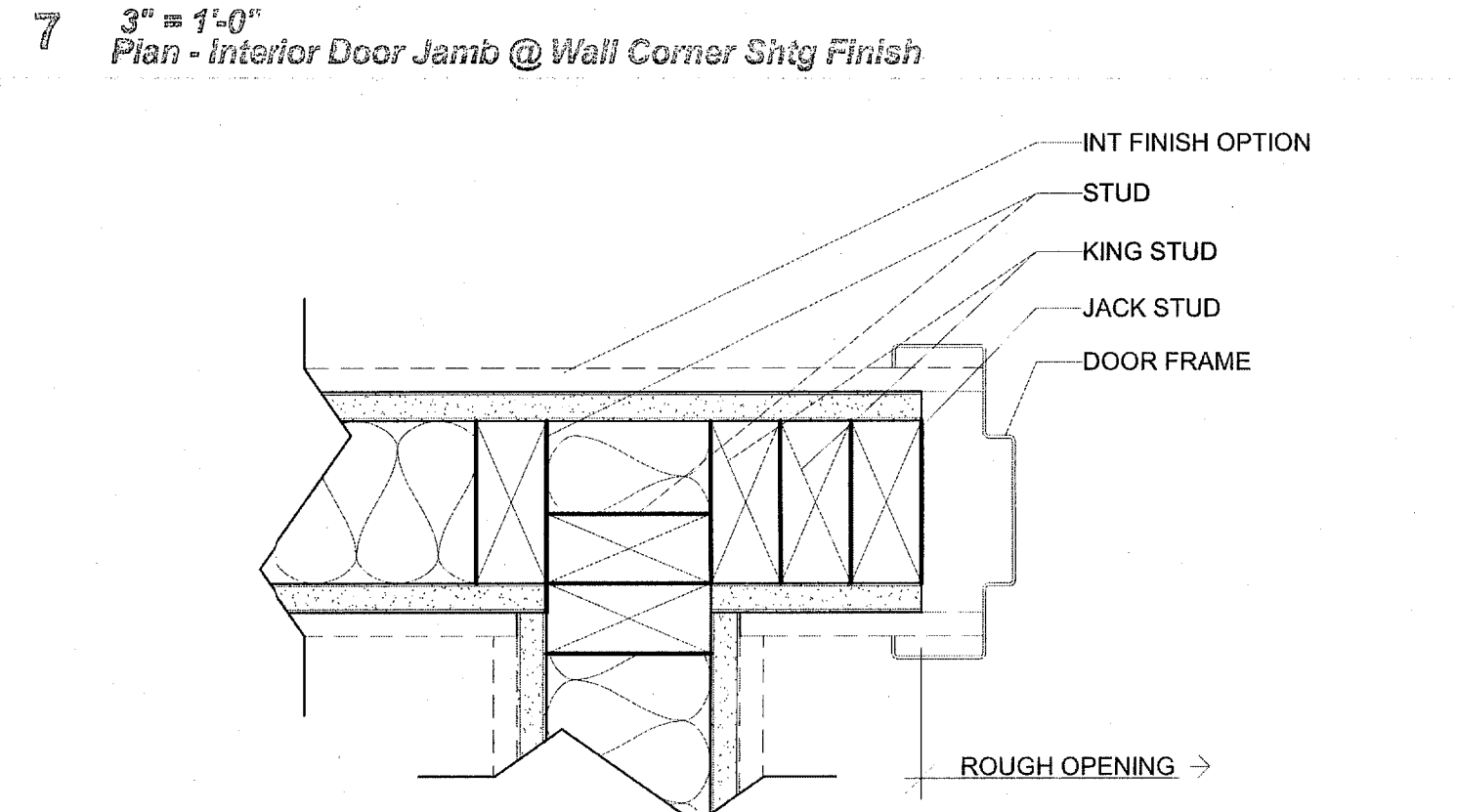
7 3" = 1'-0" Plan - Interior Door Jamb @ Wall Corner Shtg Finish



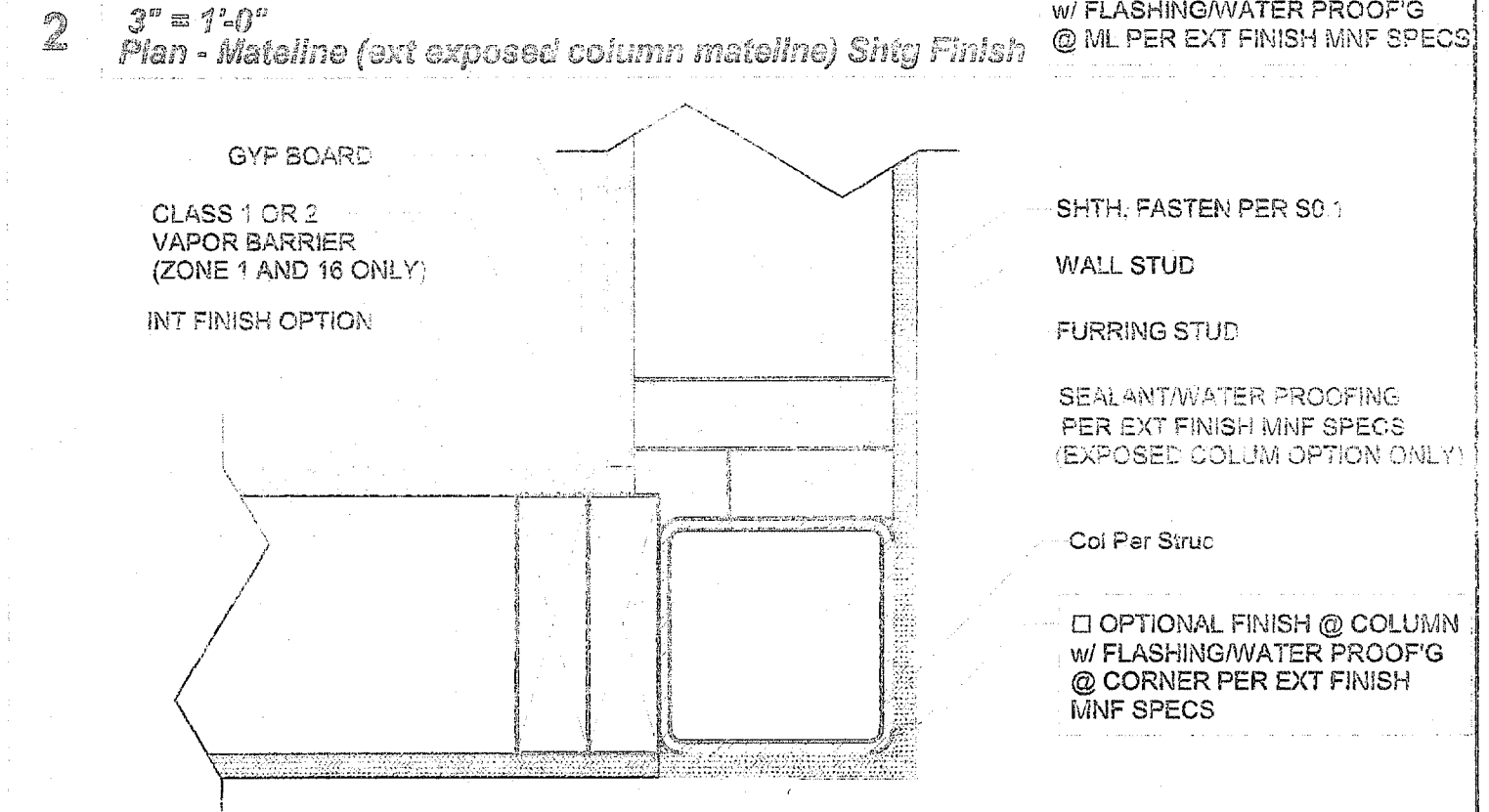
2 3" = 1'-0" Plan - Mateline (ext exposed column mateline) Shtg Finish



11 3" = 1'-0" Plan - Exterior Window Jamb Shtg Finish



6 3" = 1'-0" Plan - Interior Door Jamb @ Wall Intersection Shtg Finish



1 3" = 1'-0" Plan - Column @ Corner (ext exposed column option) Shtg Finish

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DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

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12/19/2017

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CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM - FLS - EA - SS - KER
DATE: 07/19/2018

PROJECT TITLE
**24' x 40'
EXPANDABLE TO
120' x 40'**

PRE-CHECK (PC) DOCUMENT
Code: 2016 | CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118239
ACS - FLS - SS - A
DATE: MAR 17 2017

Revision Schedule

#	Description	Date

SHEET TITLE
**ARCHITECTURAL
DETAILS
(WOOD FRAMING
SHTG FINISH)**

PROJECT NUMBER
17016A

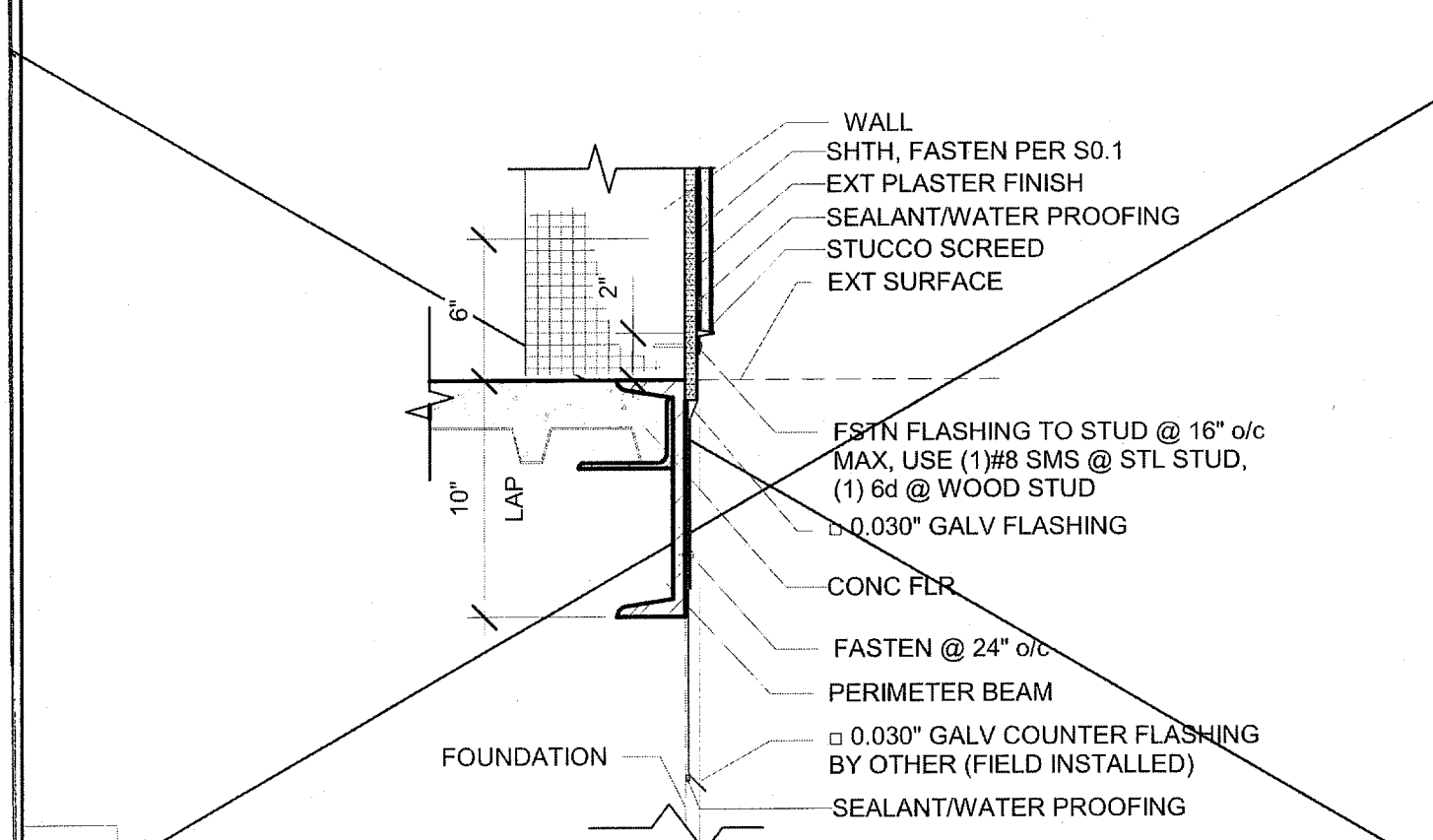
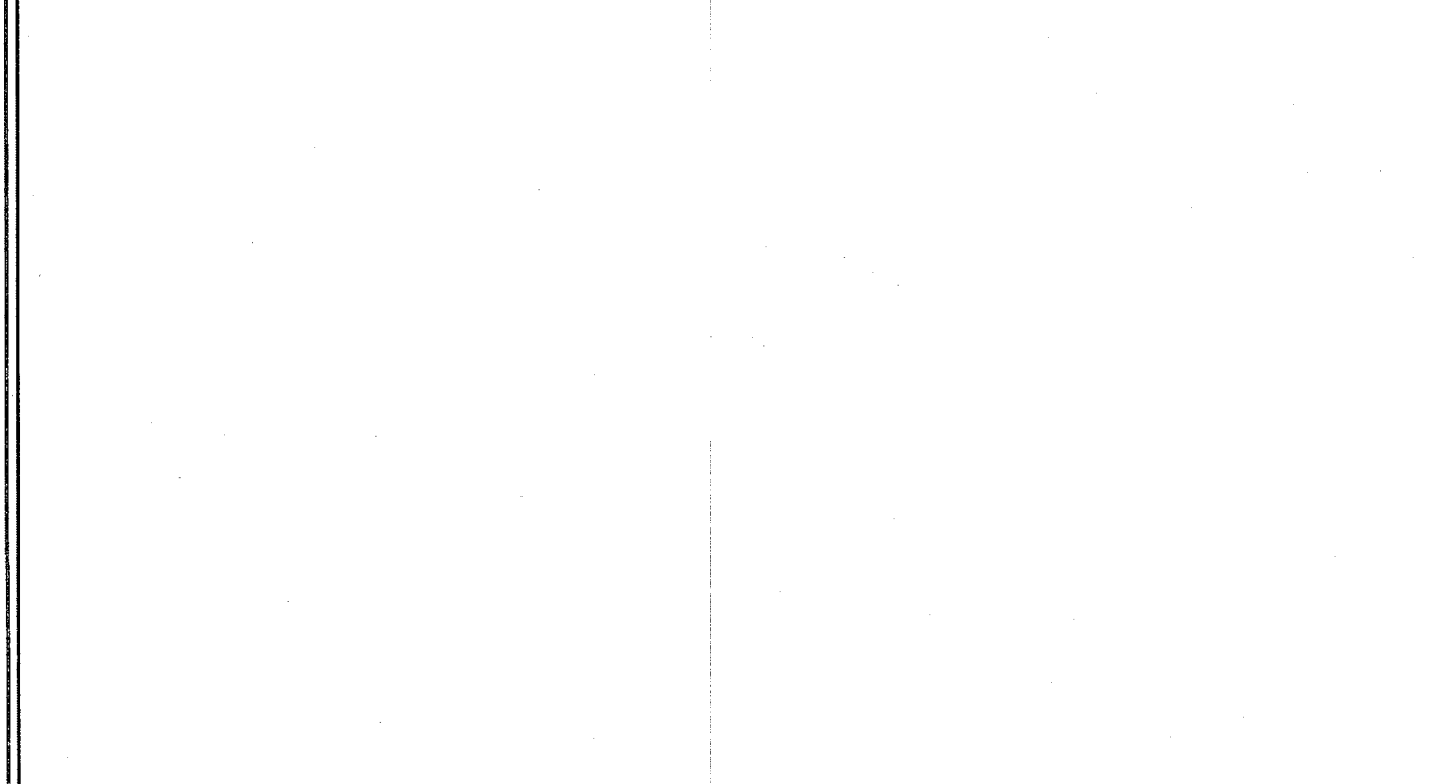
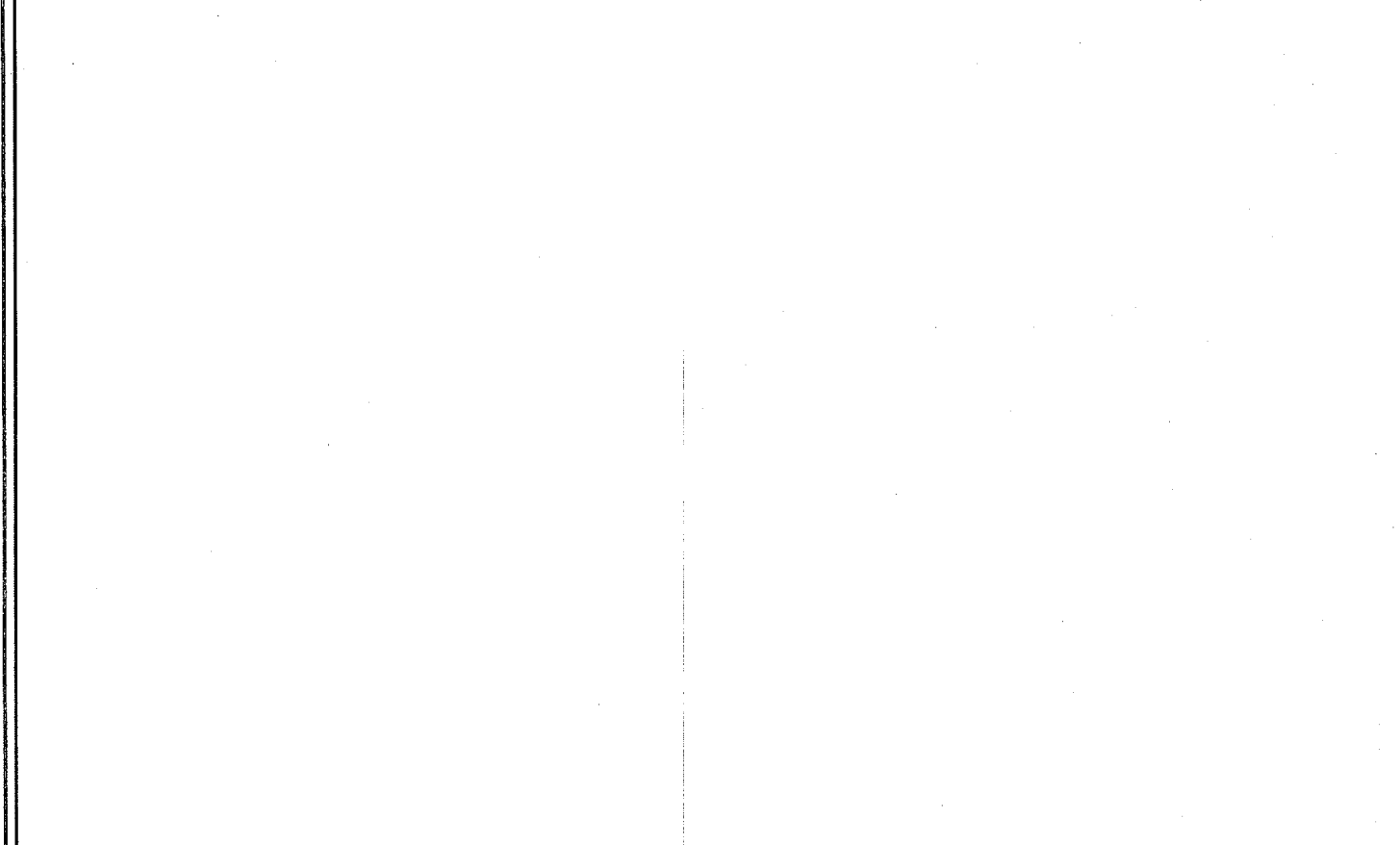
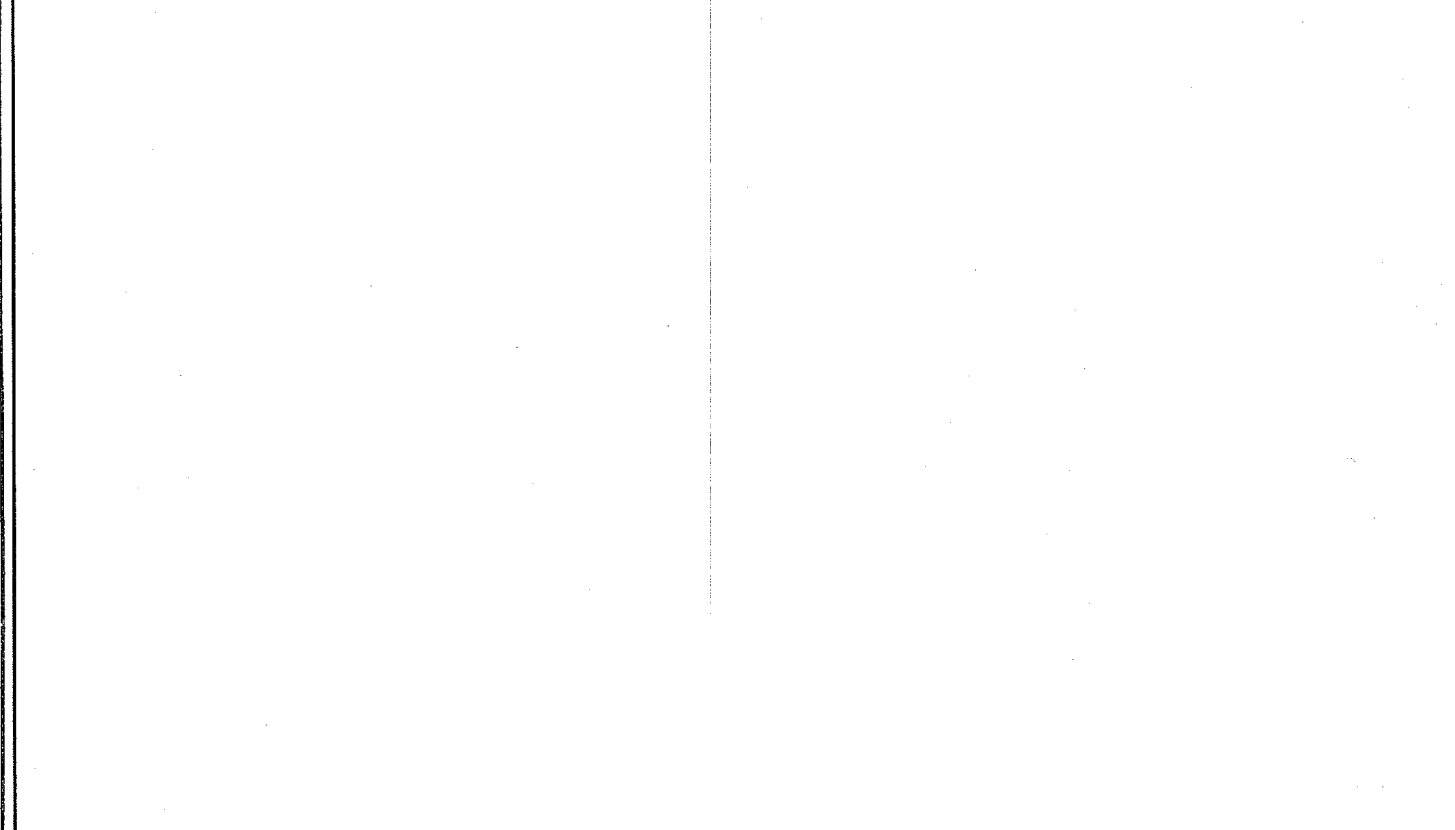
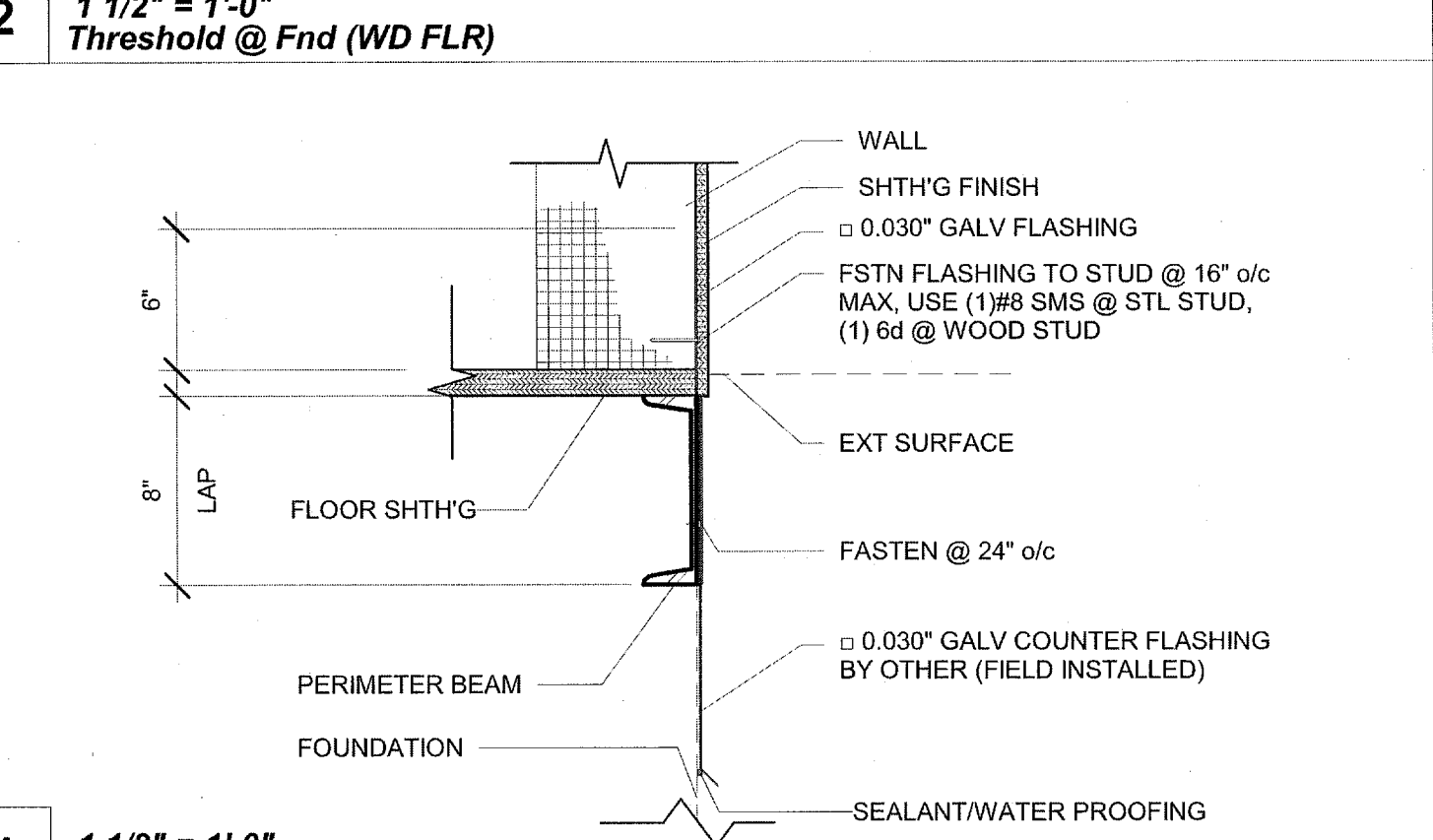
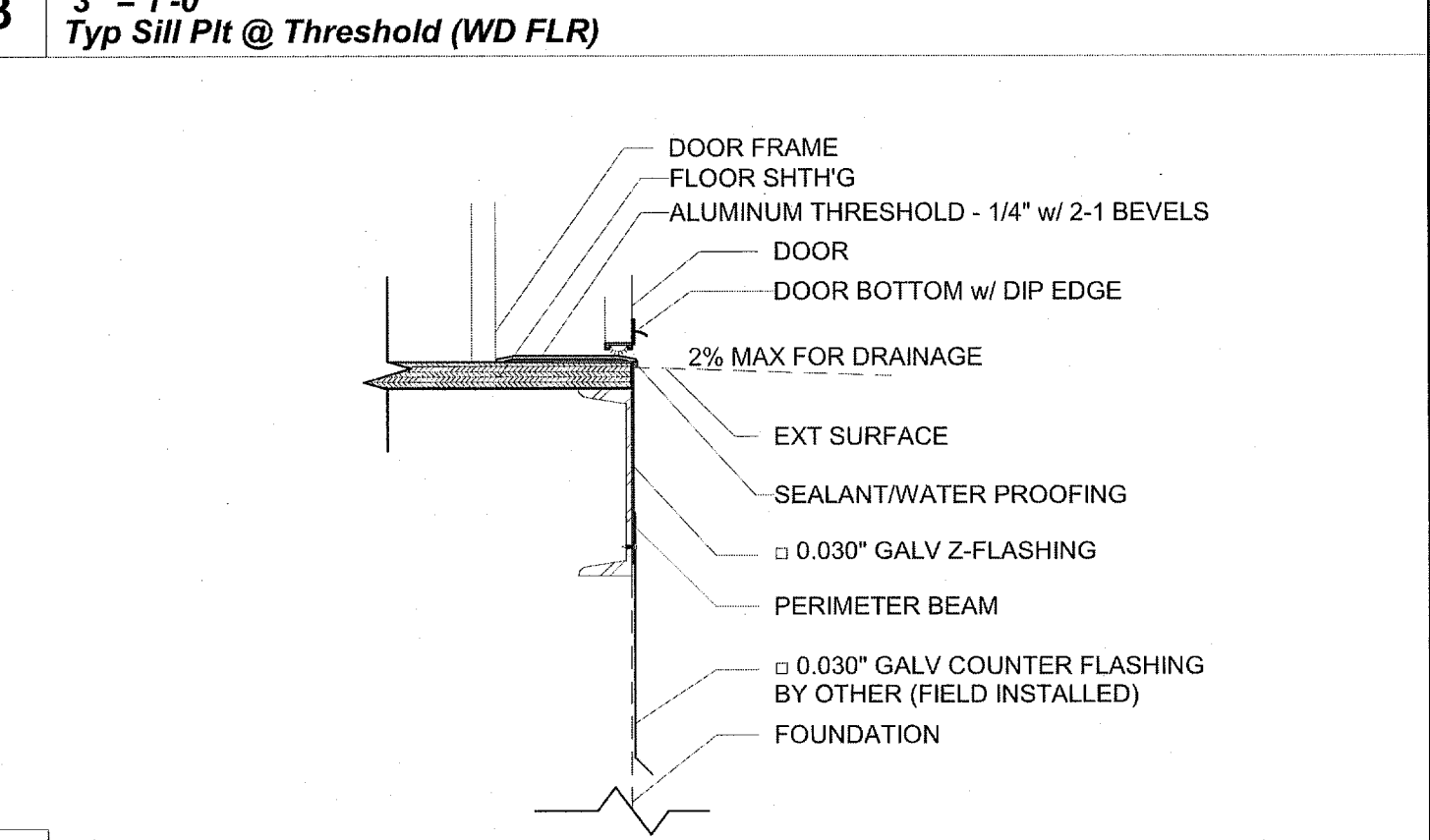
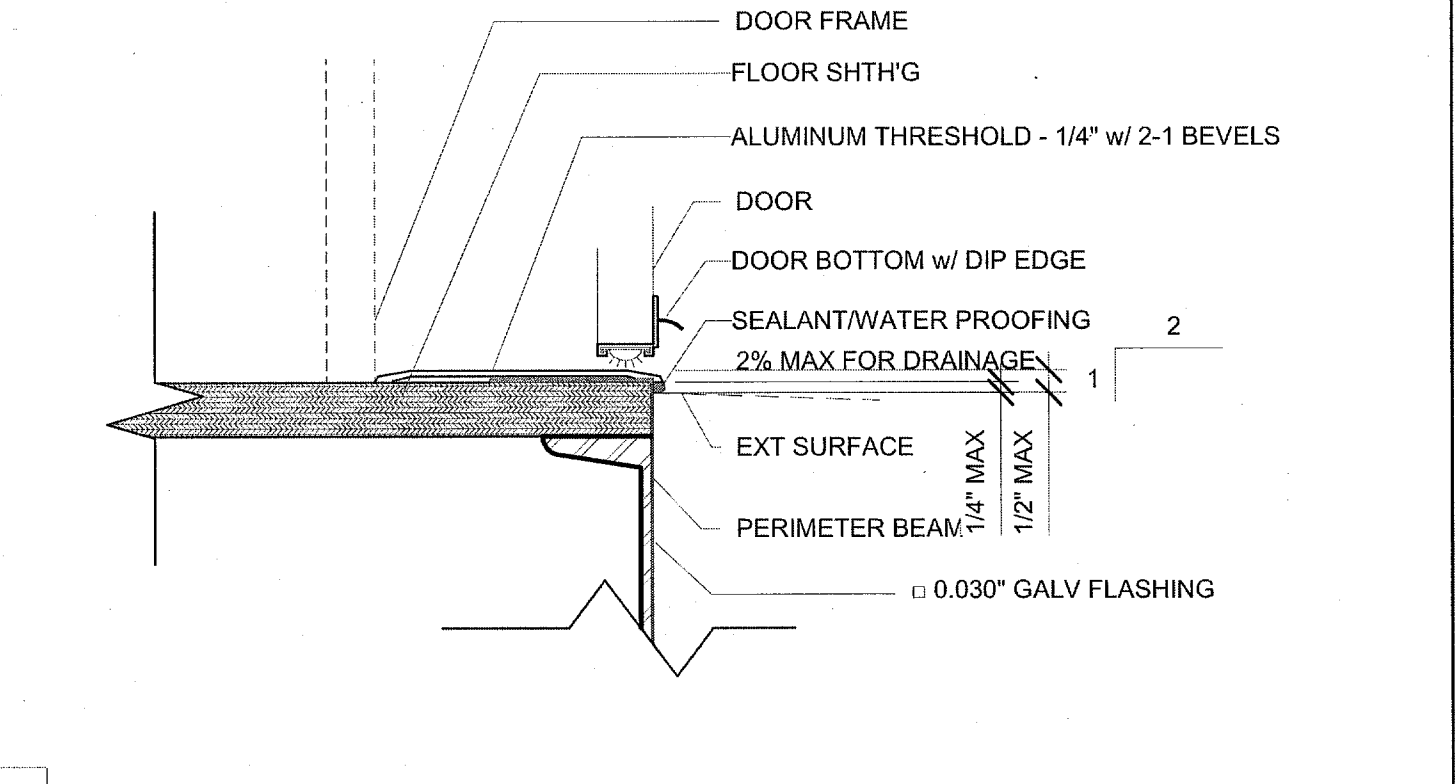
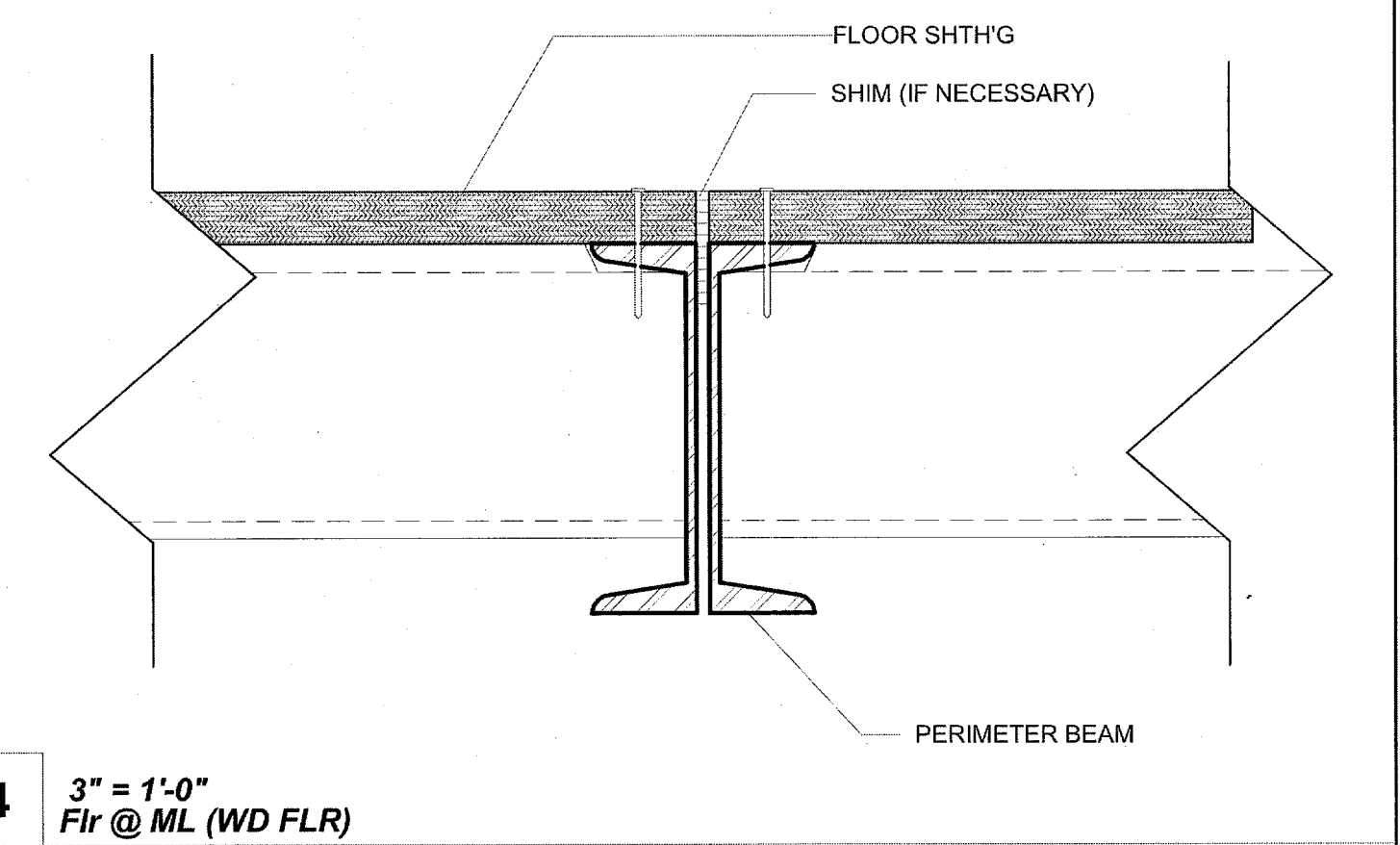
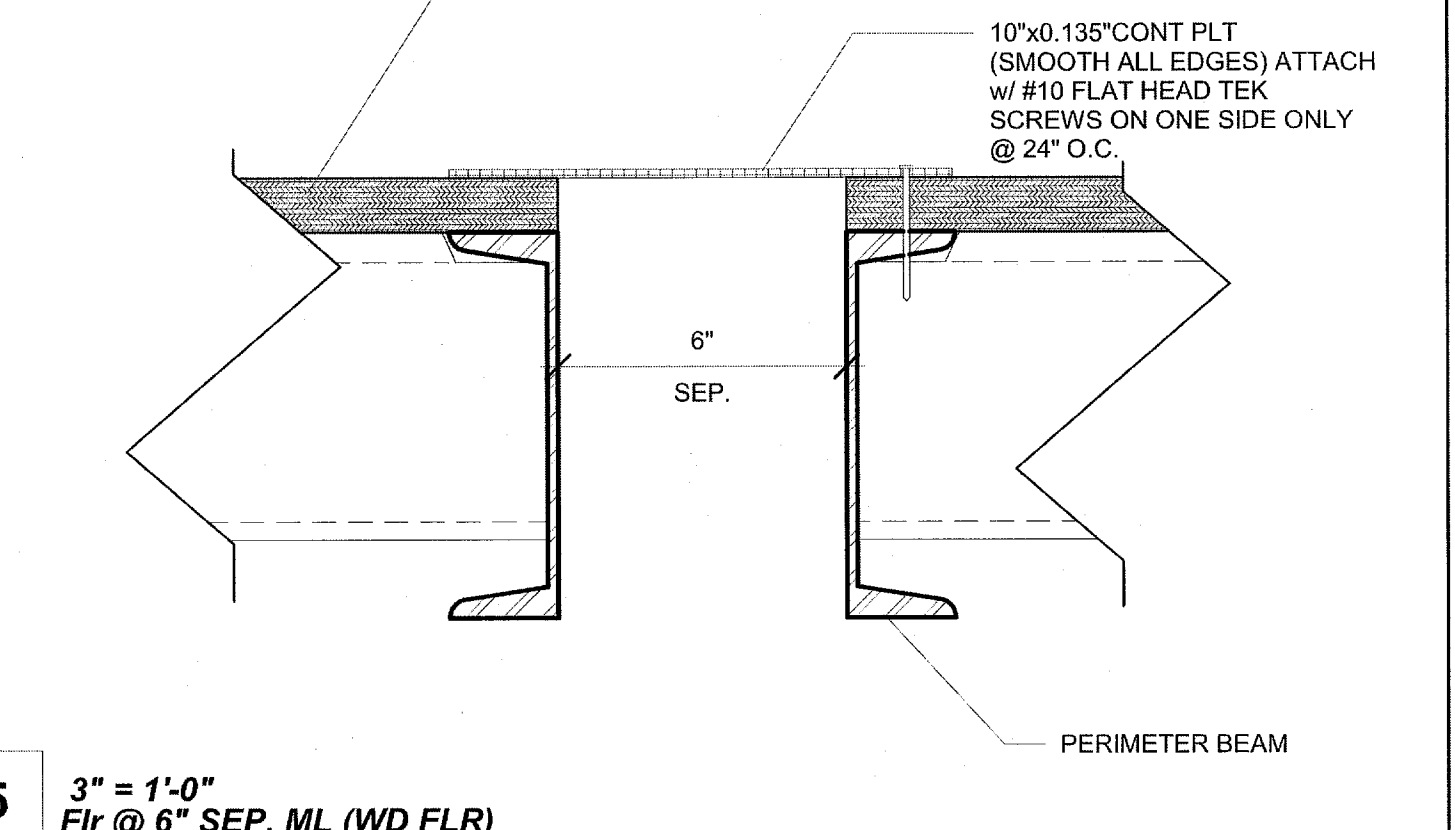
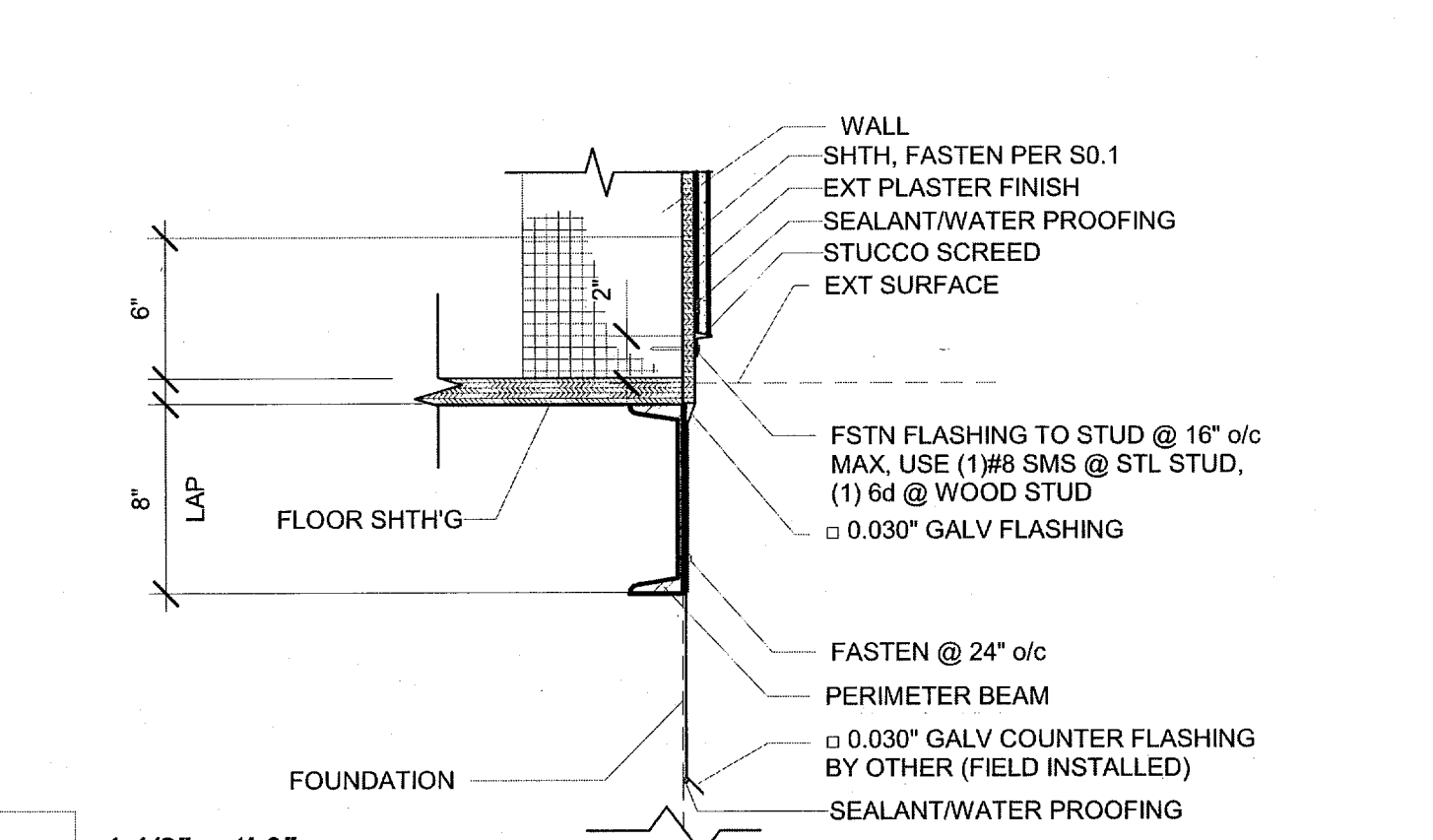
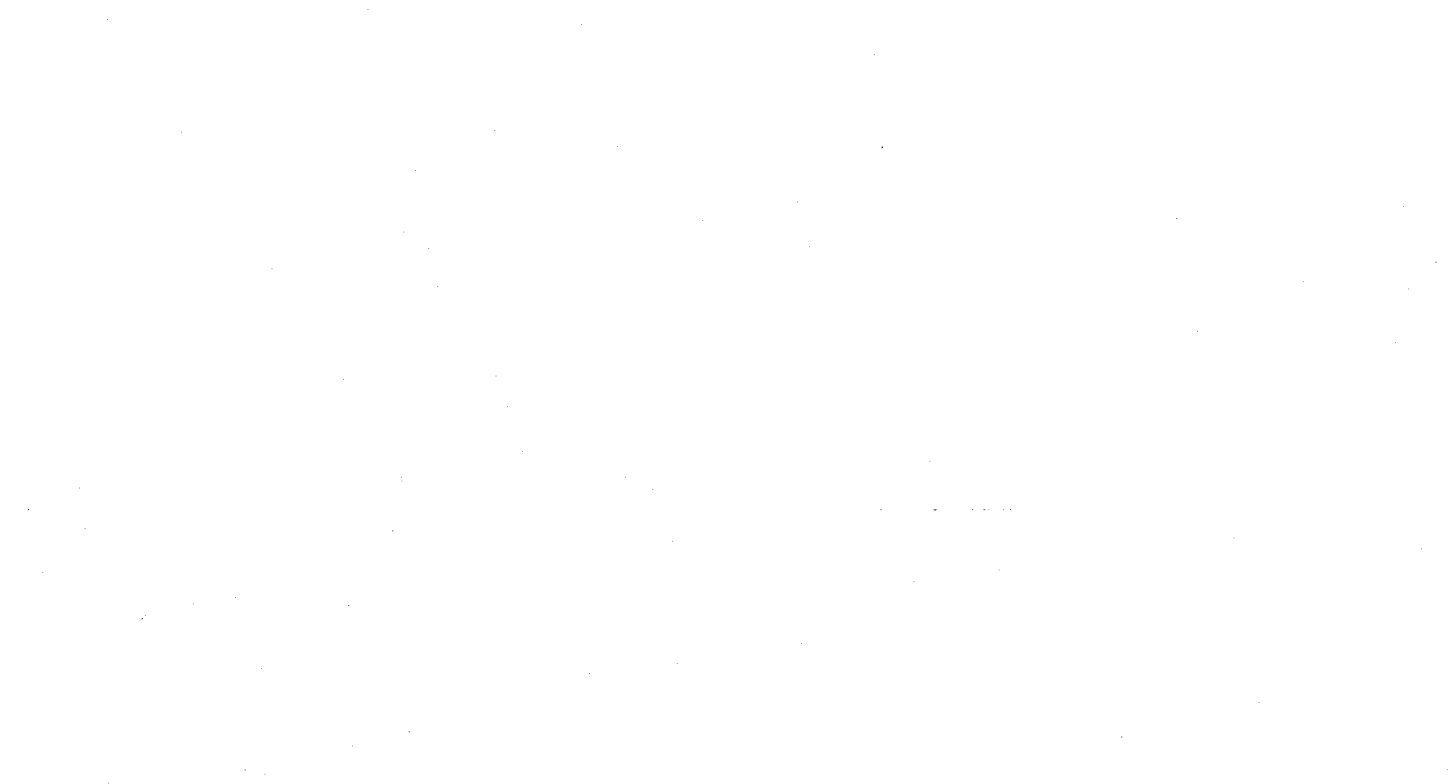
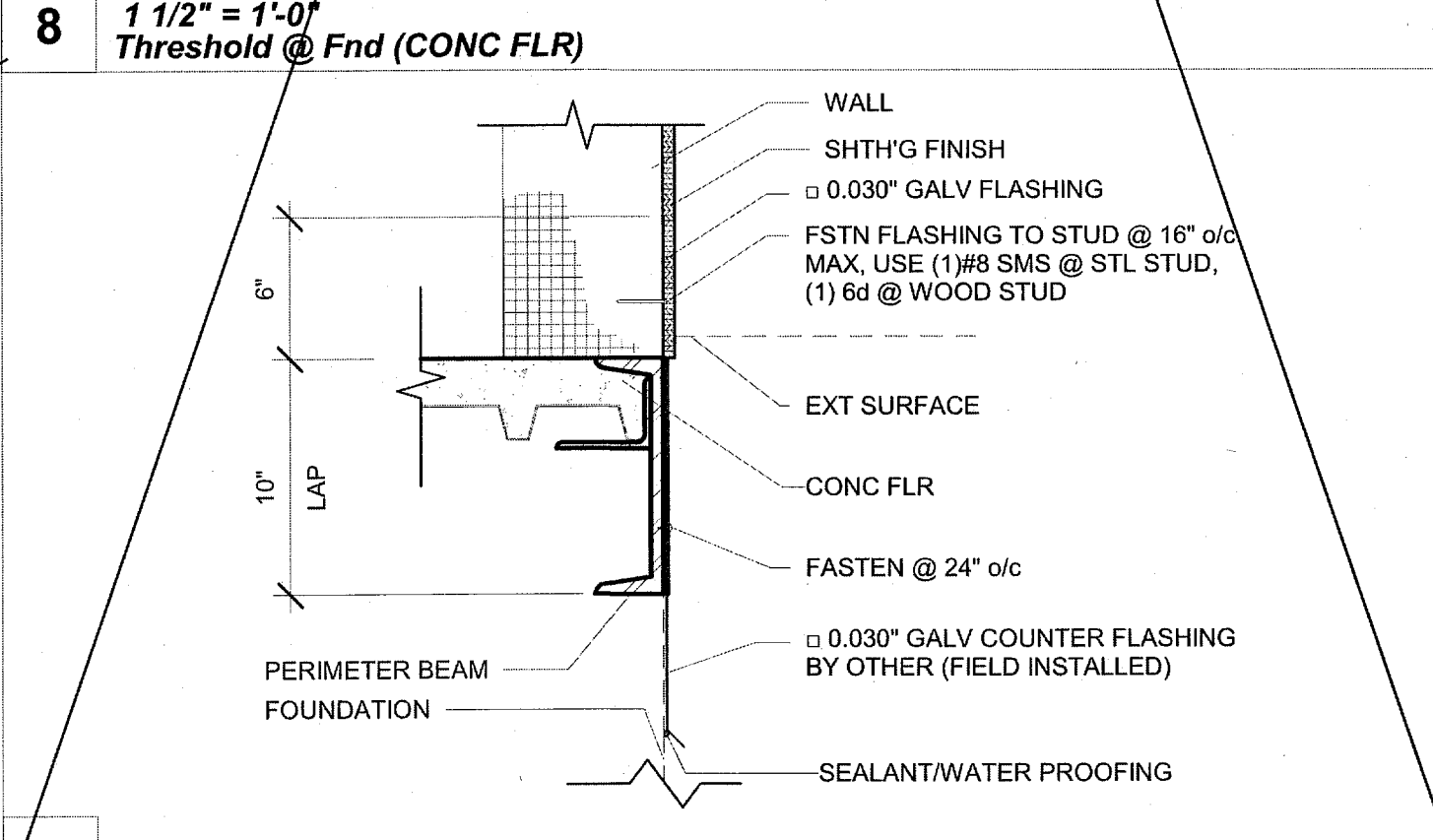
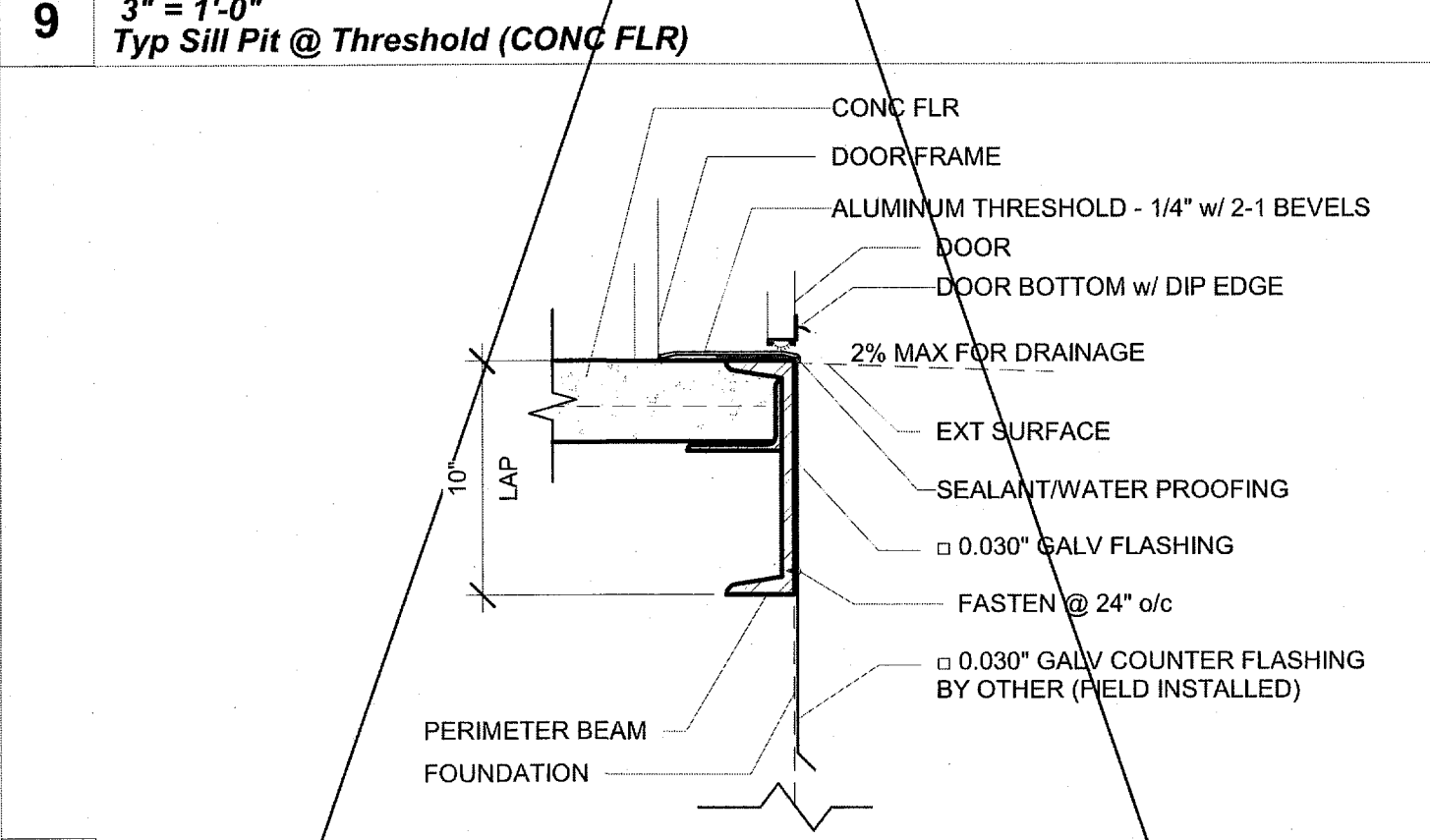
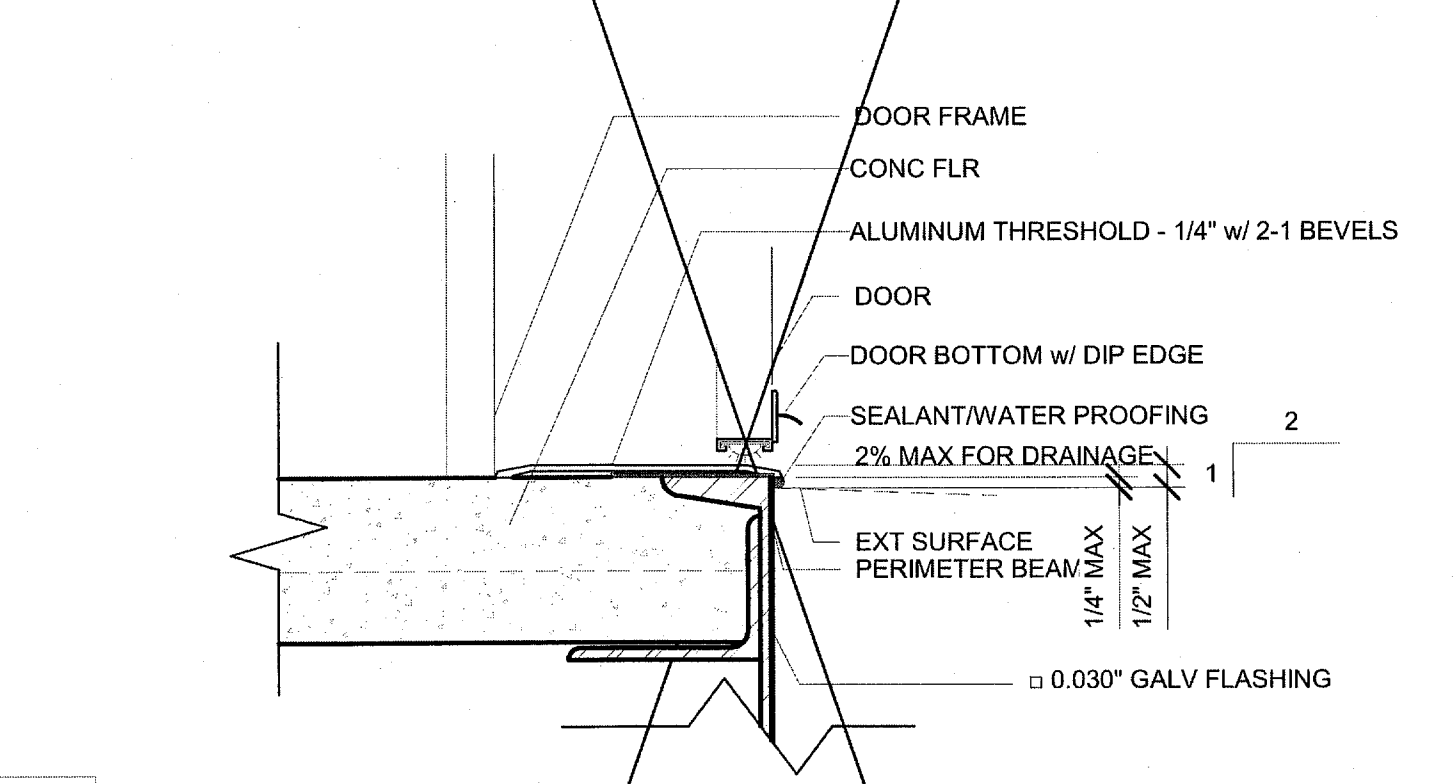
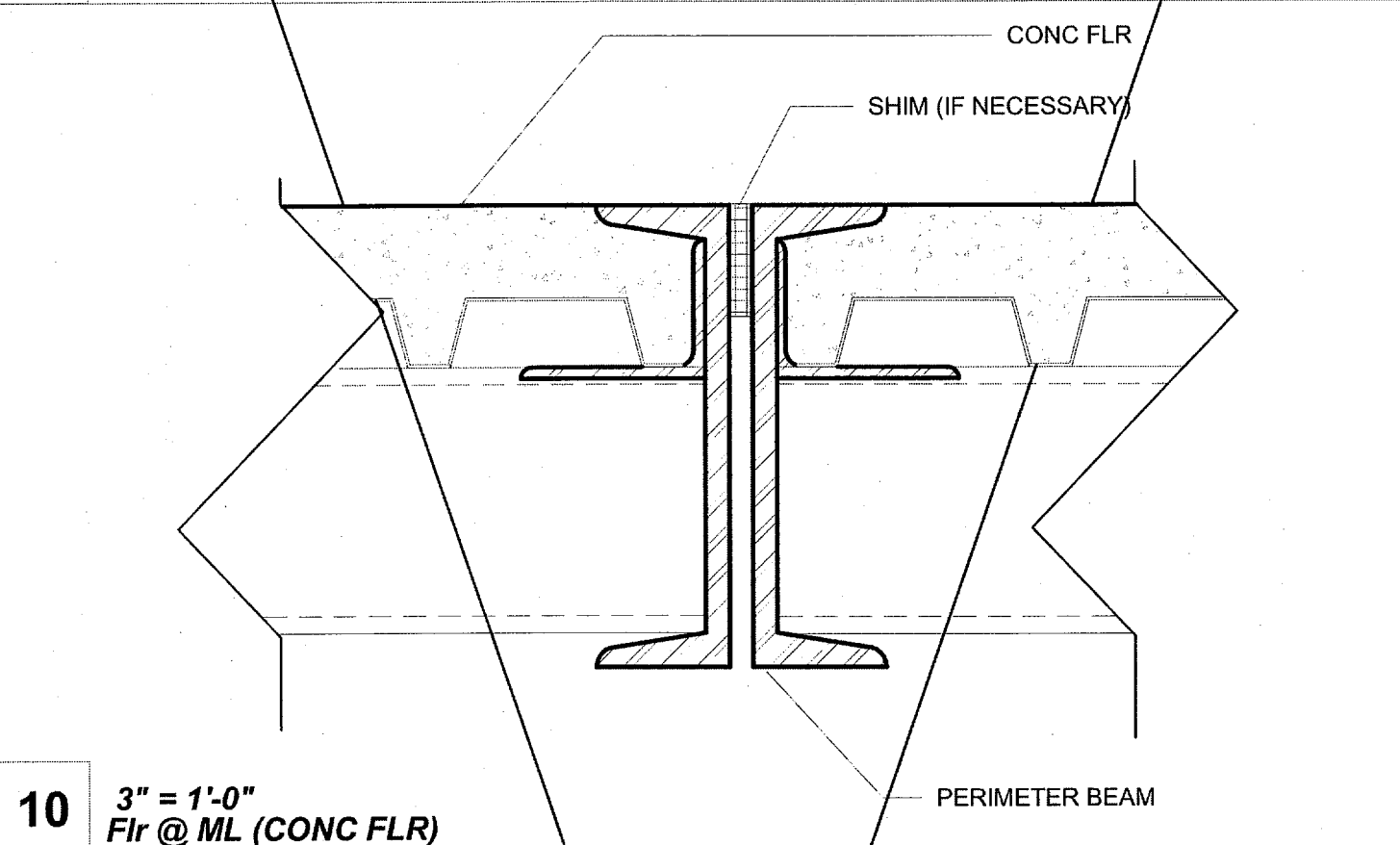
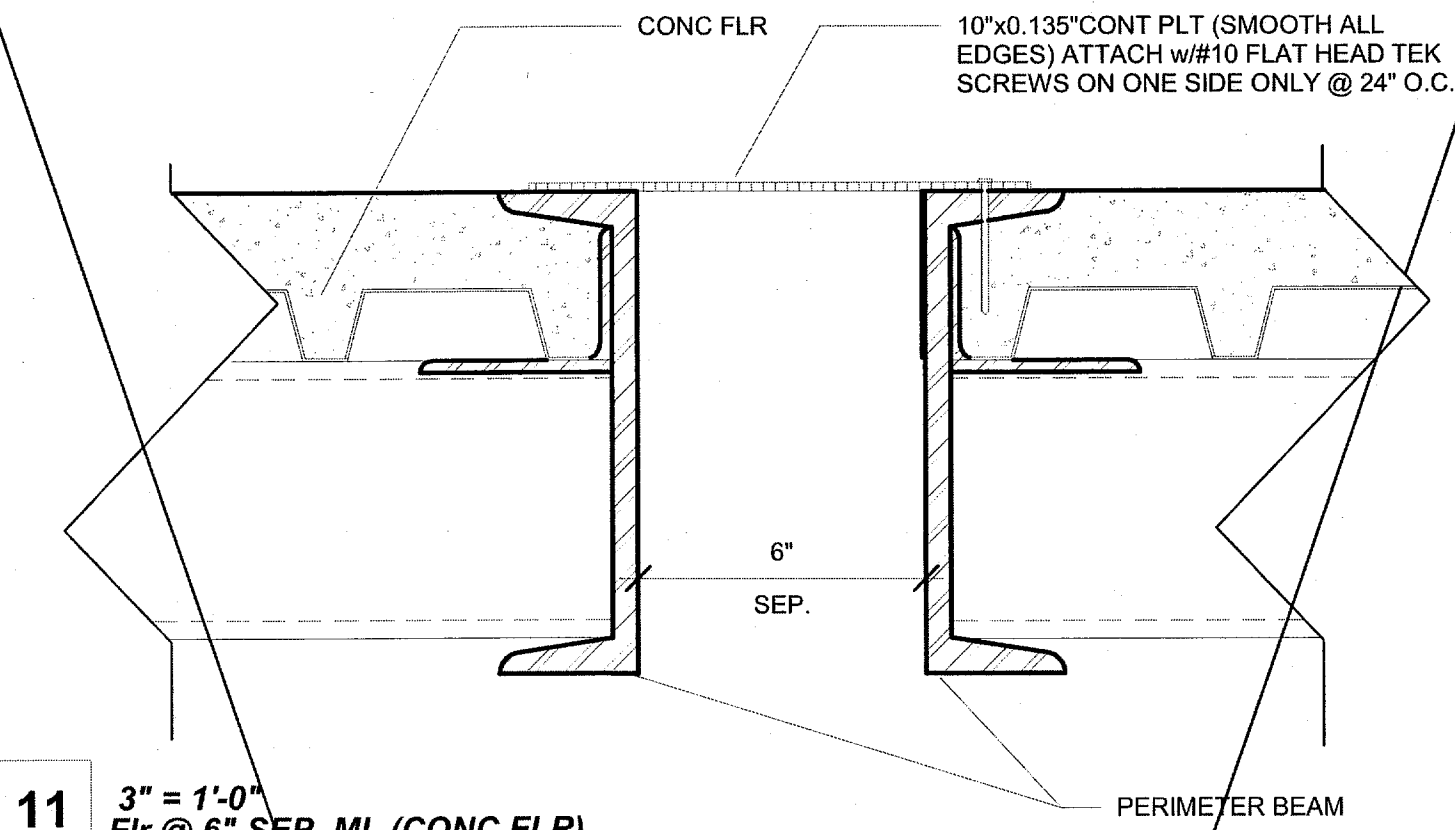
DRAWN BY
rnc/s

CHECKED BY
JA/RT

DATE
2017/06/05

SHEET NO.
A2.1

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

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CLIENT
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1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INC: 0
AC_RM_FLS_EX_SSR_KER
DATE: 07/19/2018

PROJECT TITLE
**24' x 40'
EXPANDABLE TO
120' x 40'**
PRE-CHECK (PC) DOCUMENT
Code: 1 2016 J CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
~~IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118239
ACS_FLS_SSR
DATE: MAR 07 2018~~

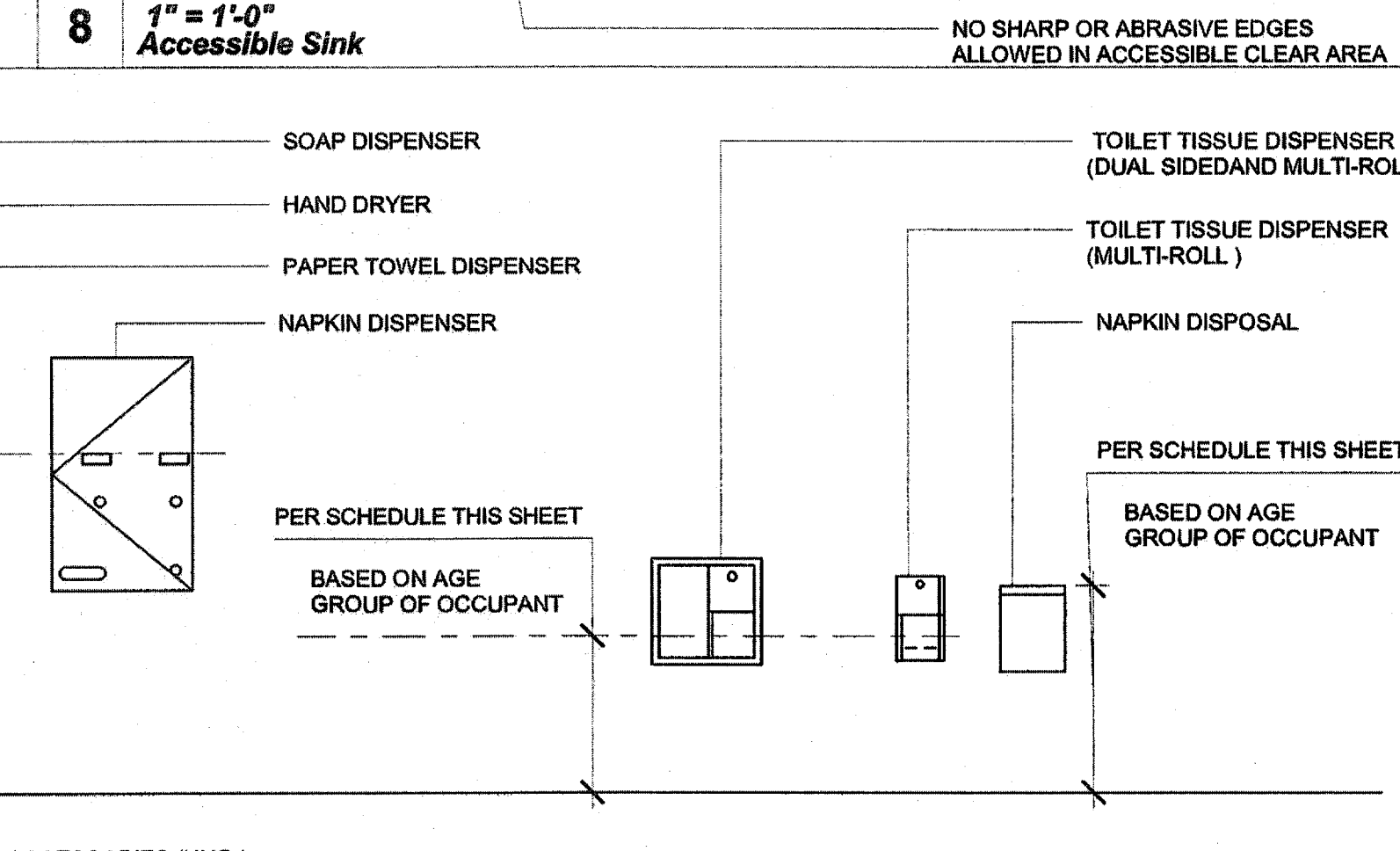
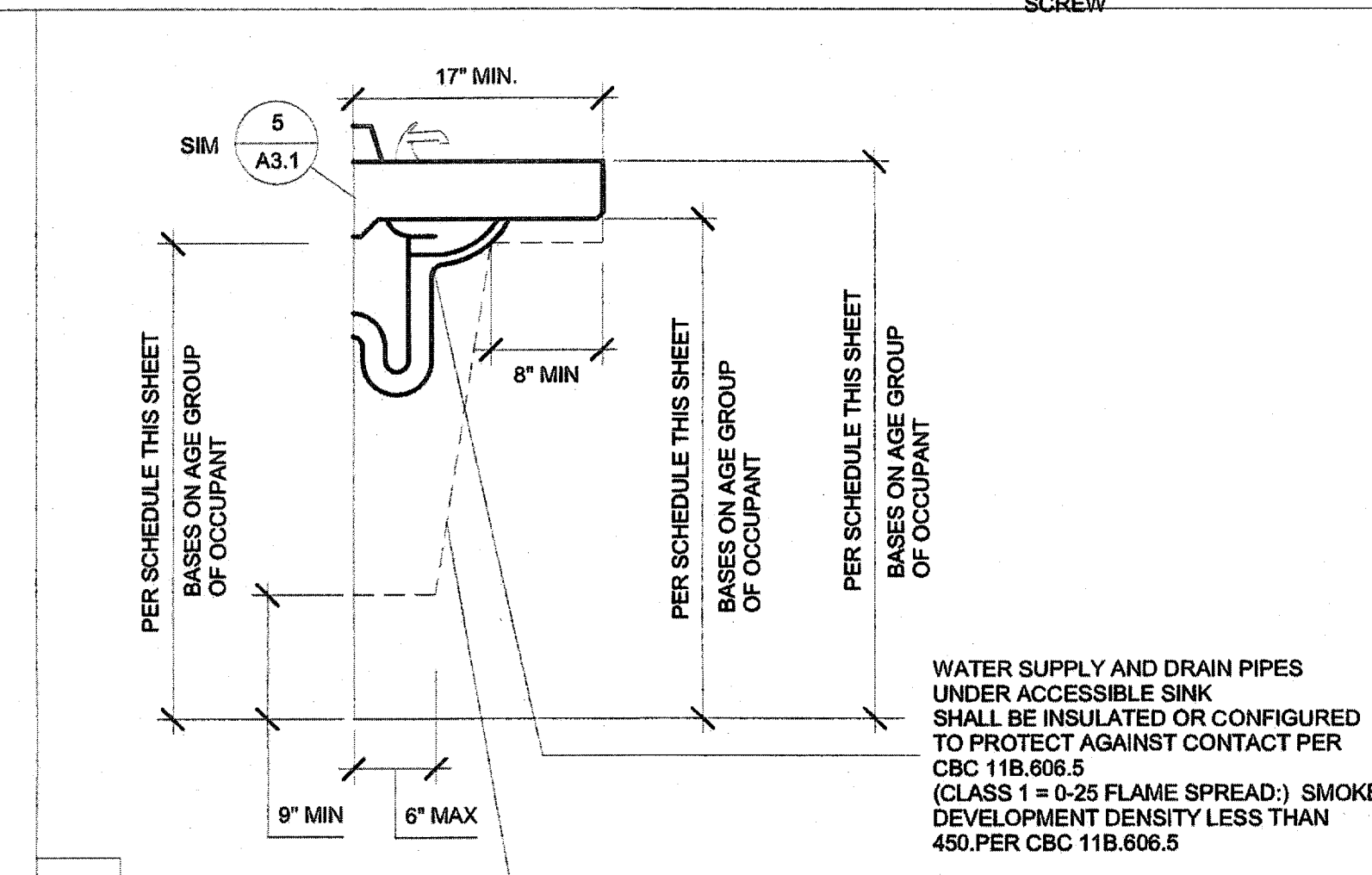
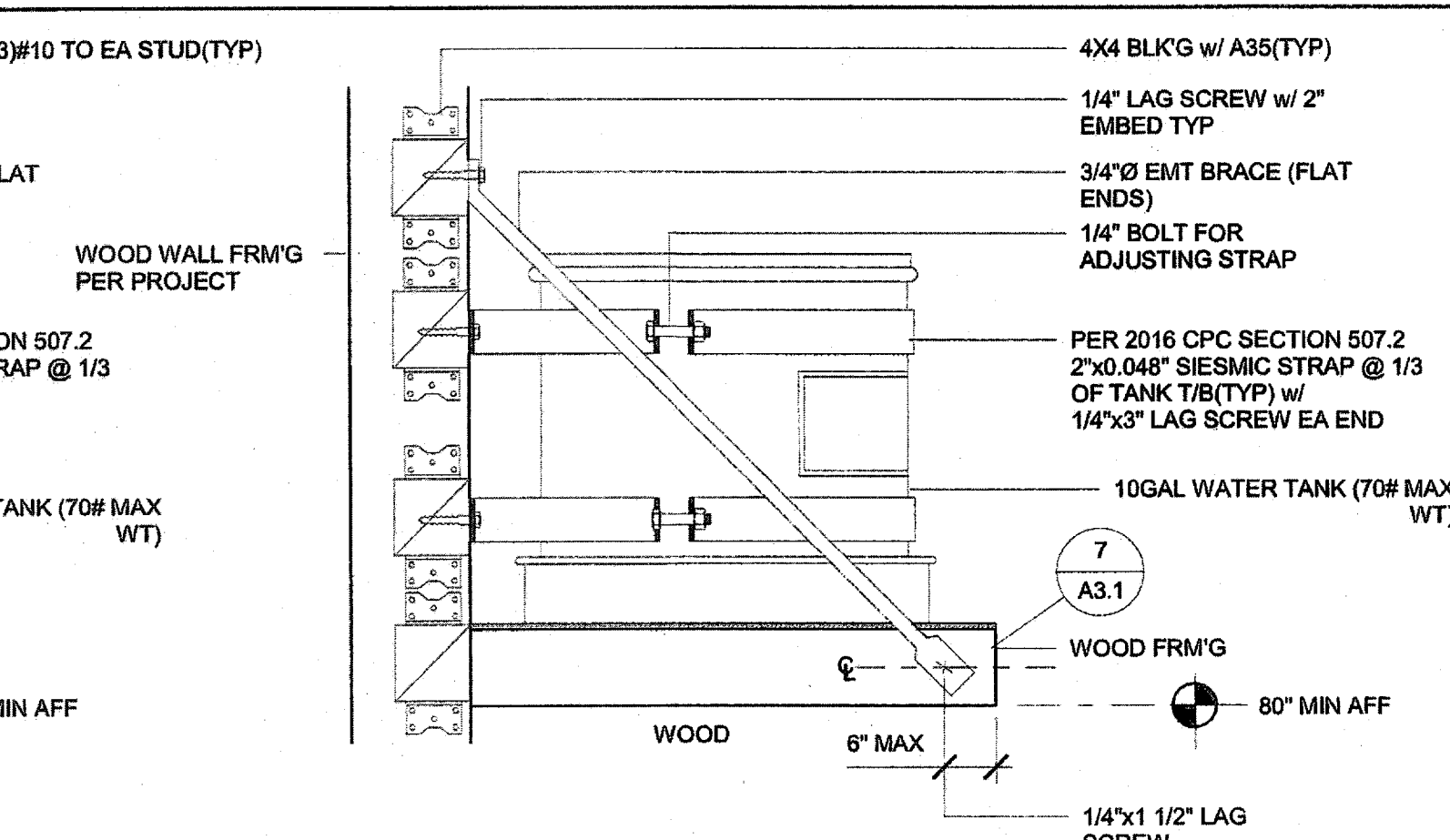
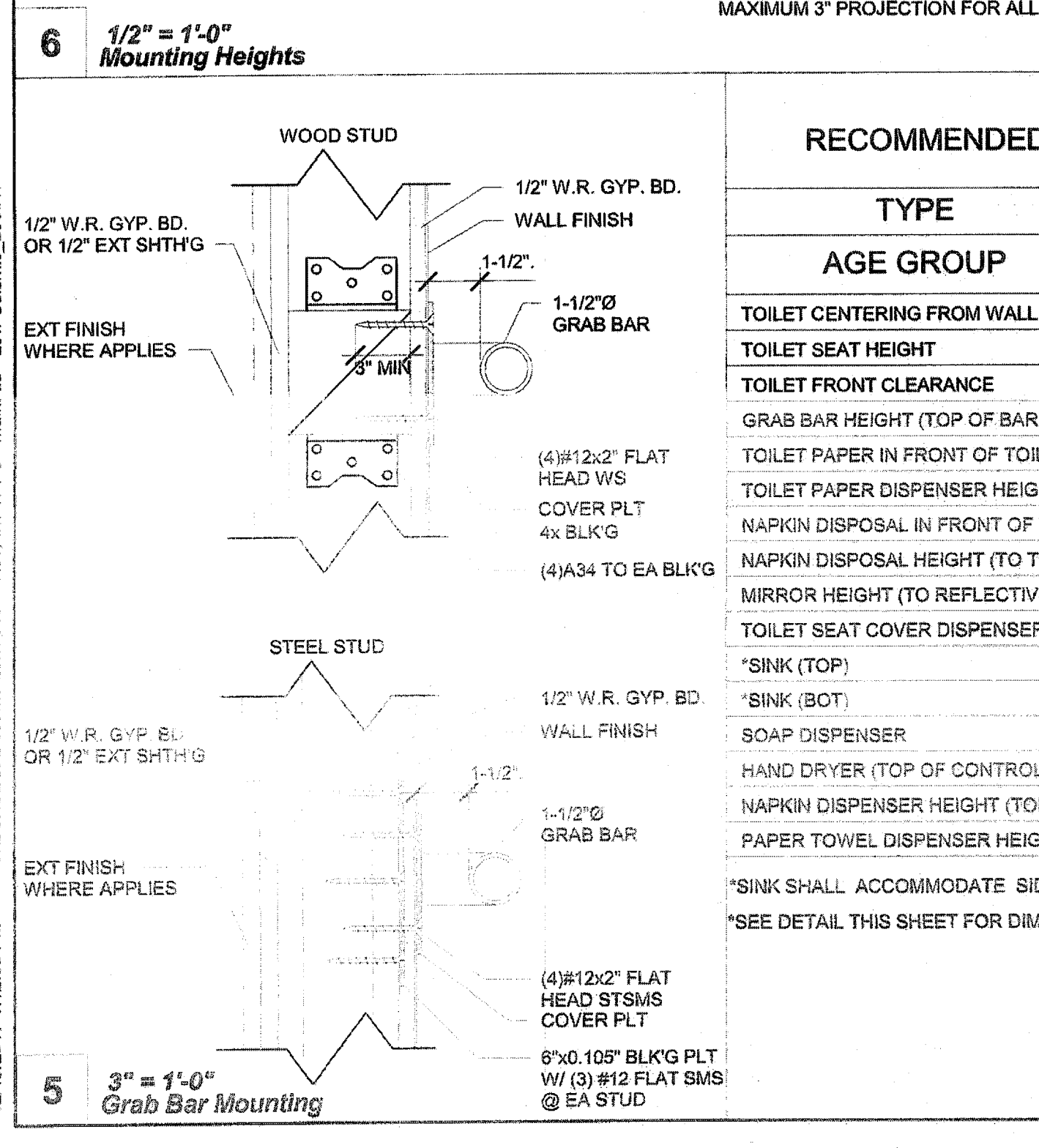
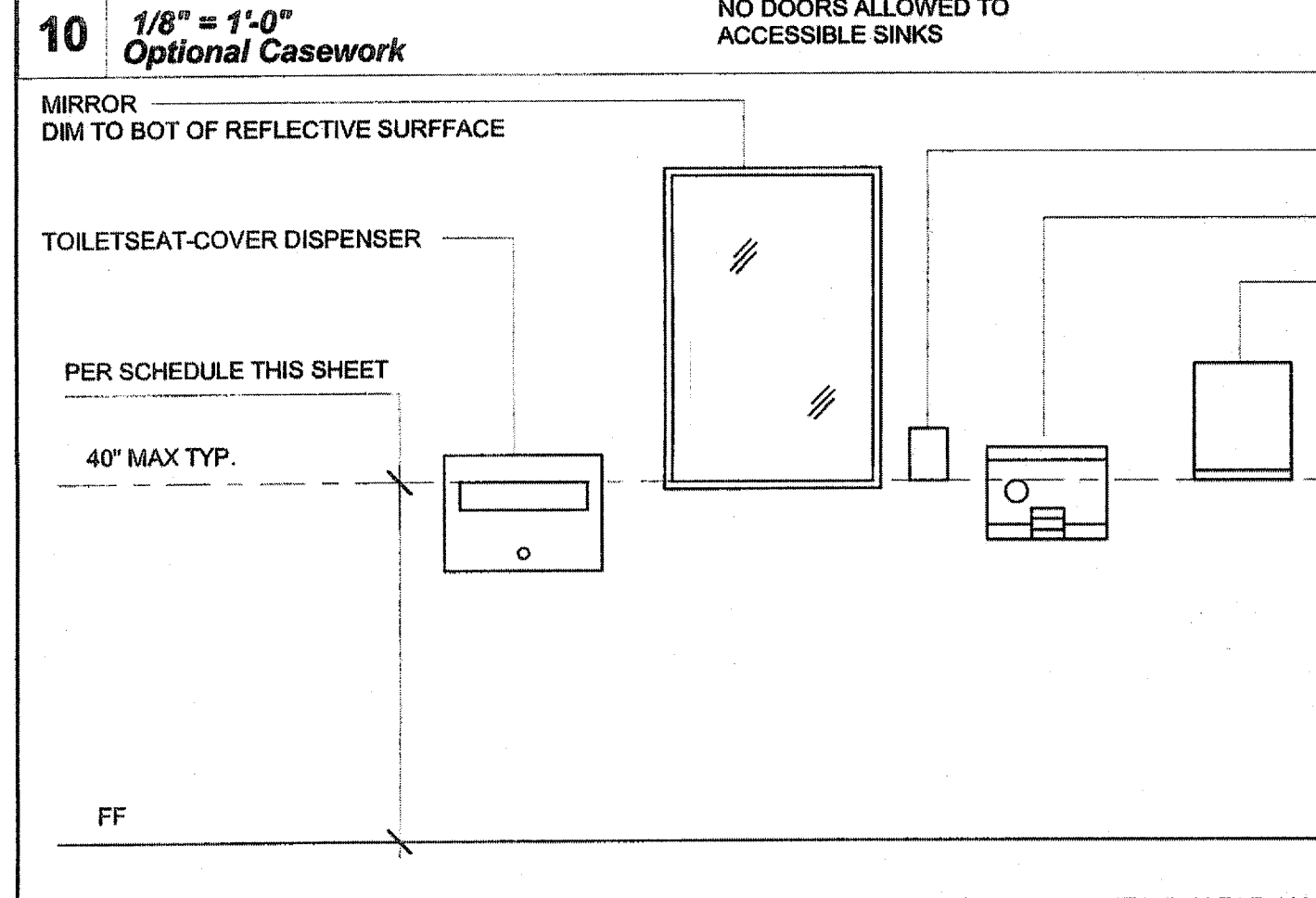
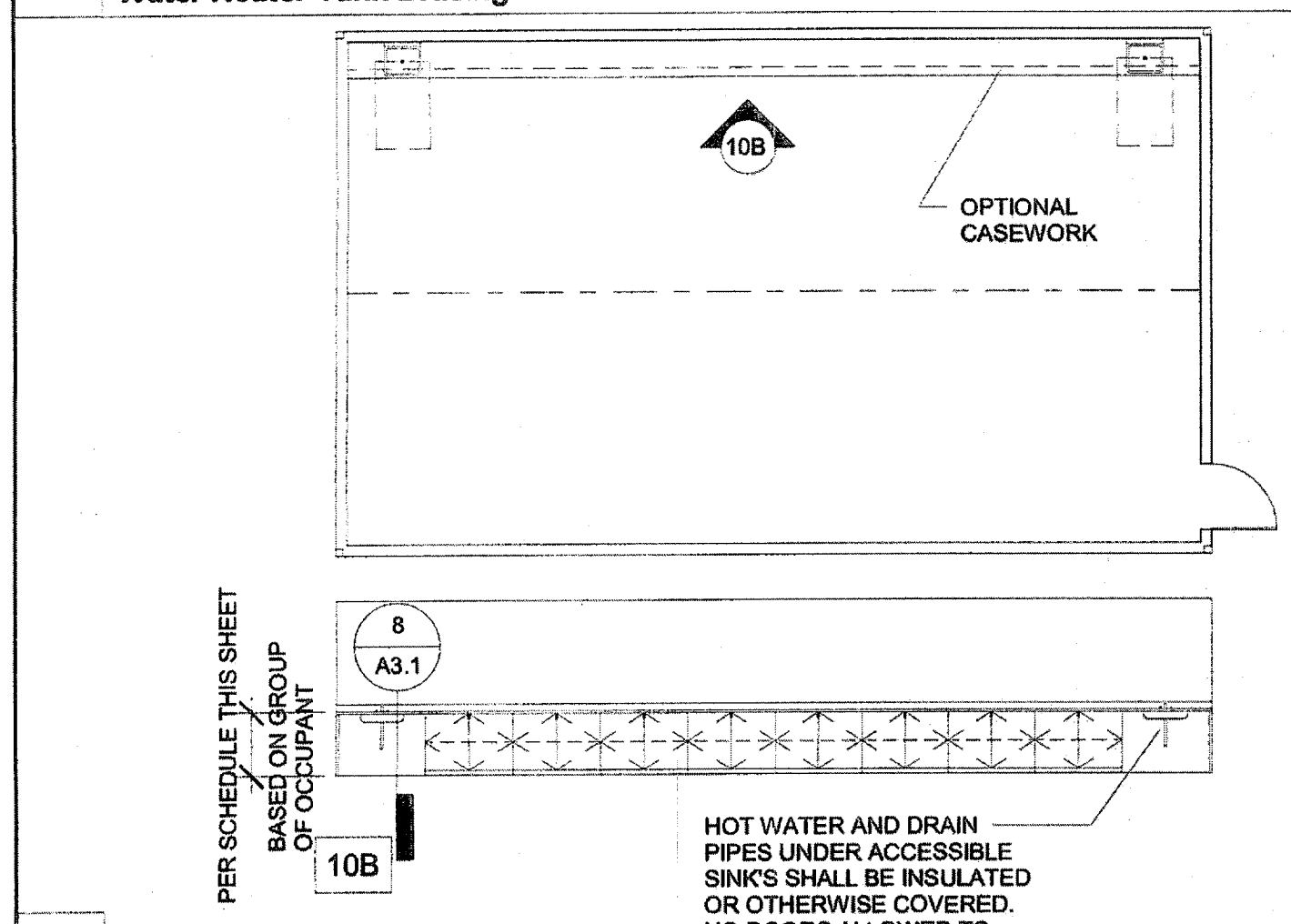
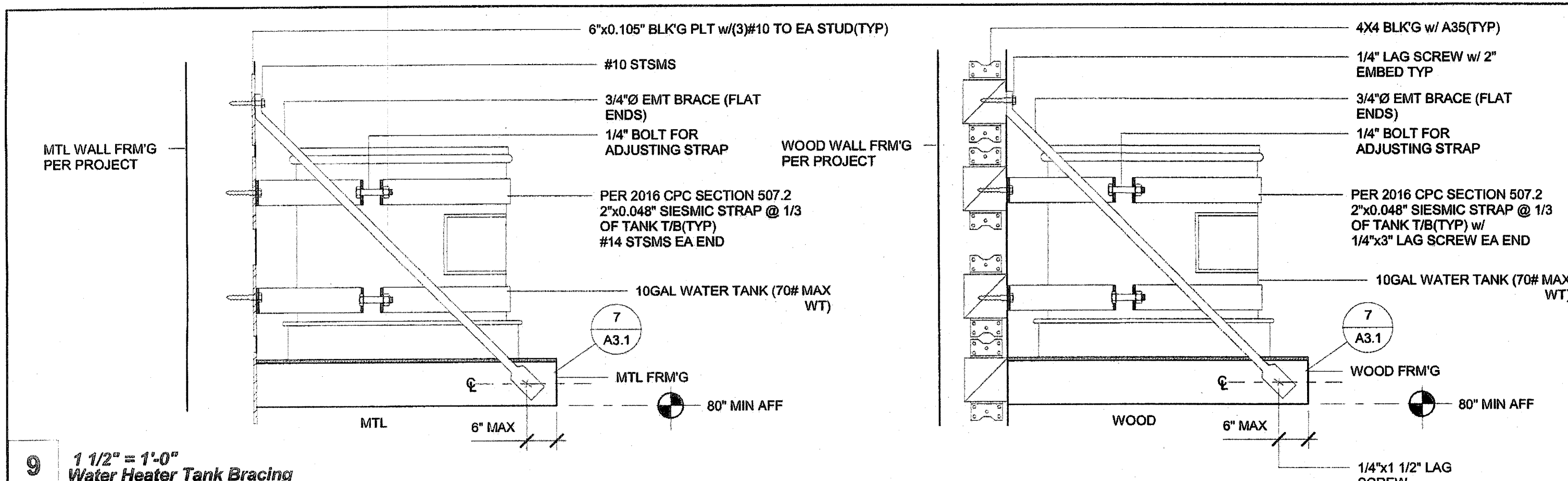
Revision Schedule

#	Description	Date

SHEET TITLE
**ARCHITECTURAL
DETAILS
(FLOOR)**

PROJECT NUMBER
17016A
DRAWN BY
rMcSC
CHECKED BY
JA/RT
DATE
2017/06/05
SHEET NO.
A2.9
SHEET OF SHEETS

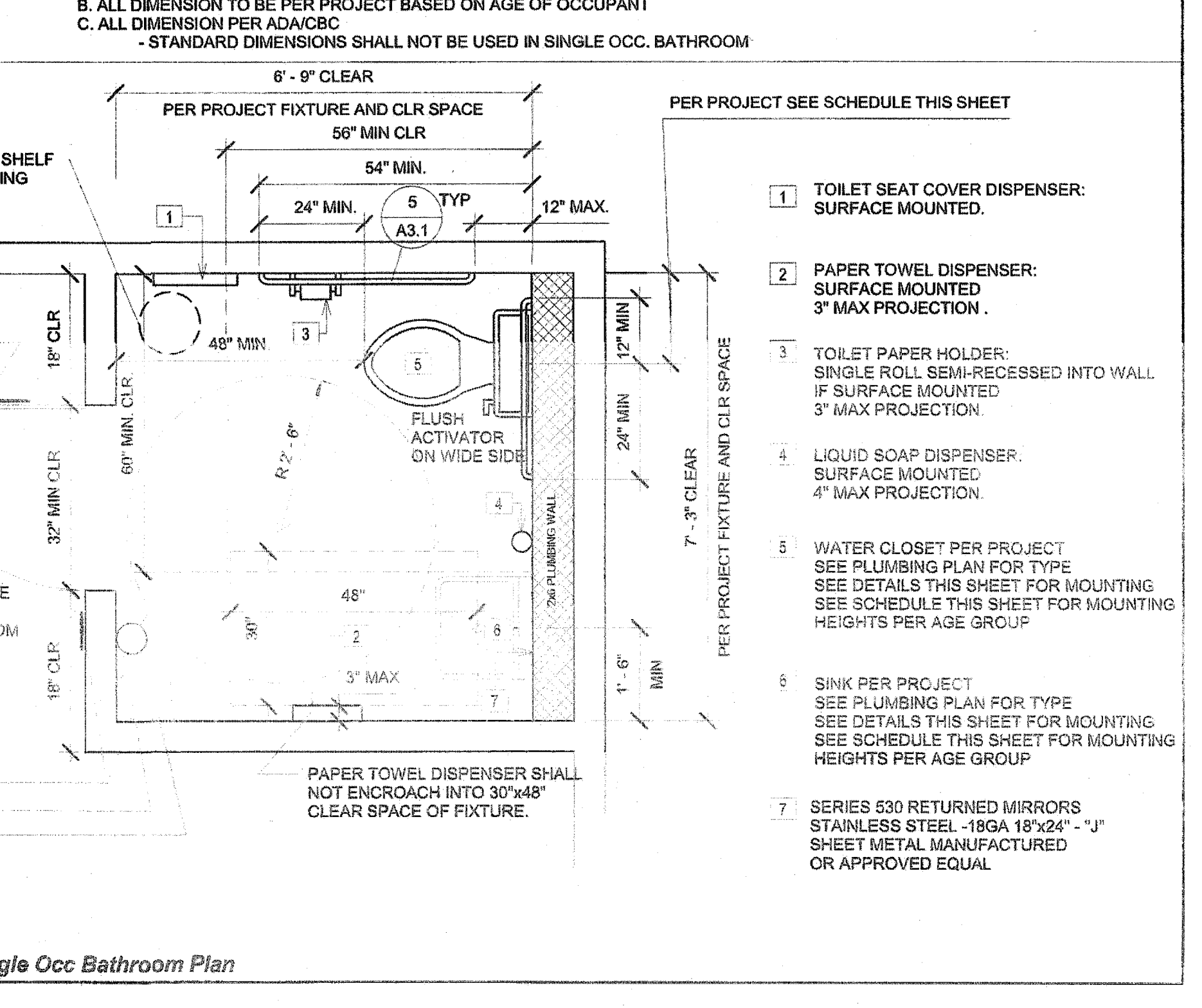
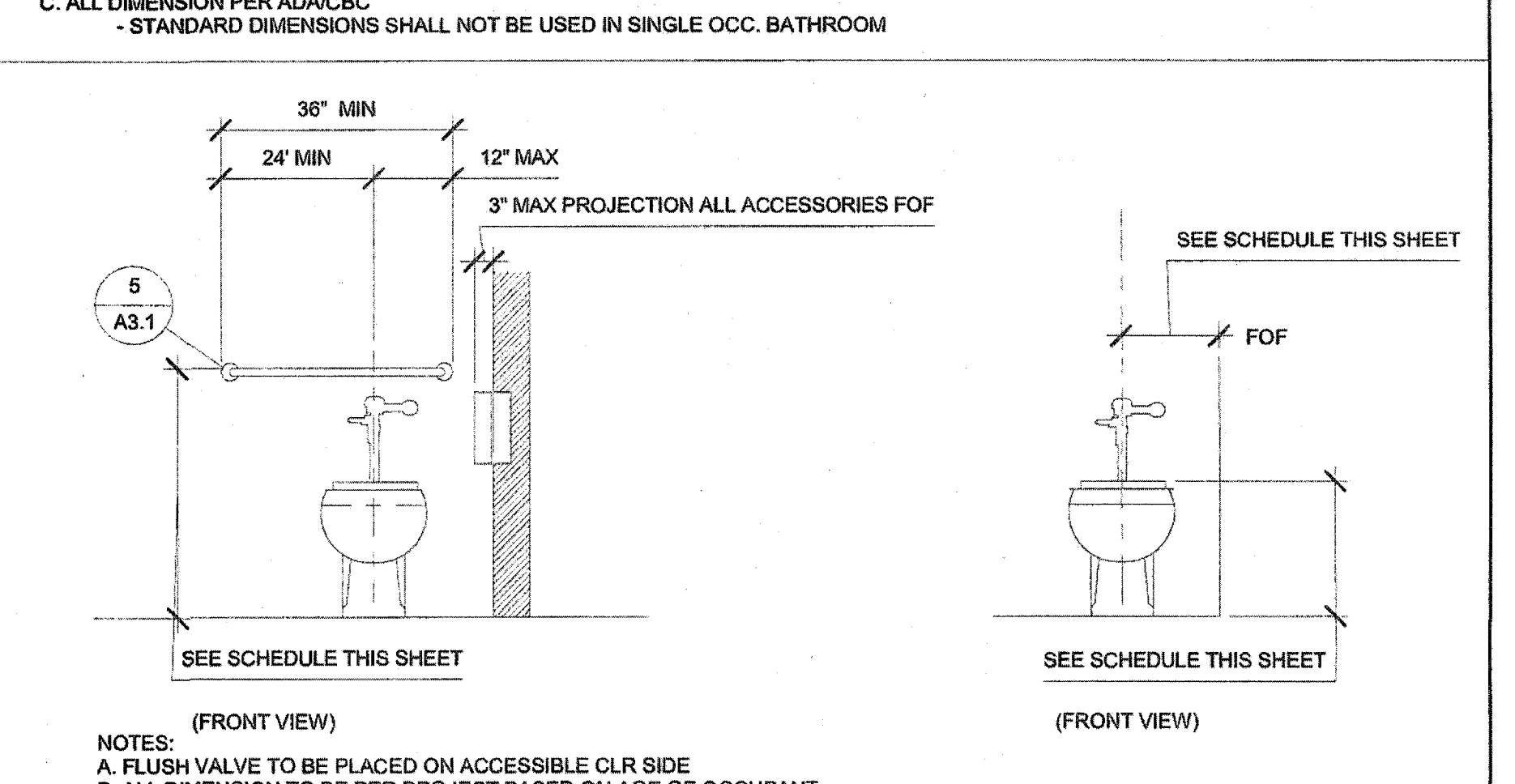
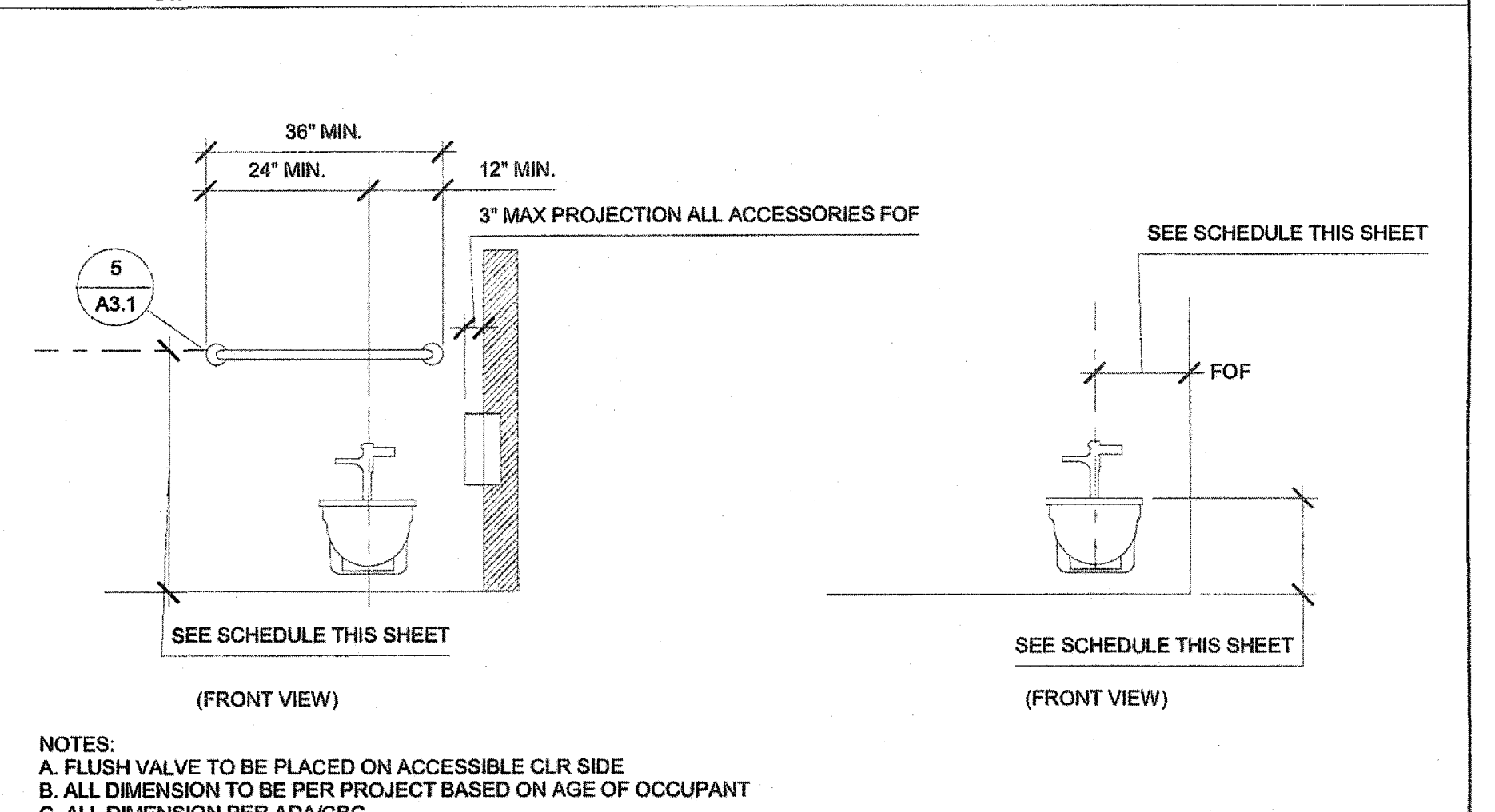
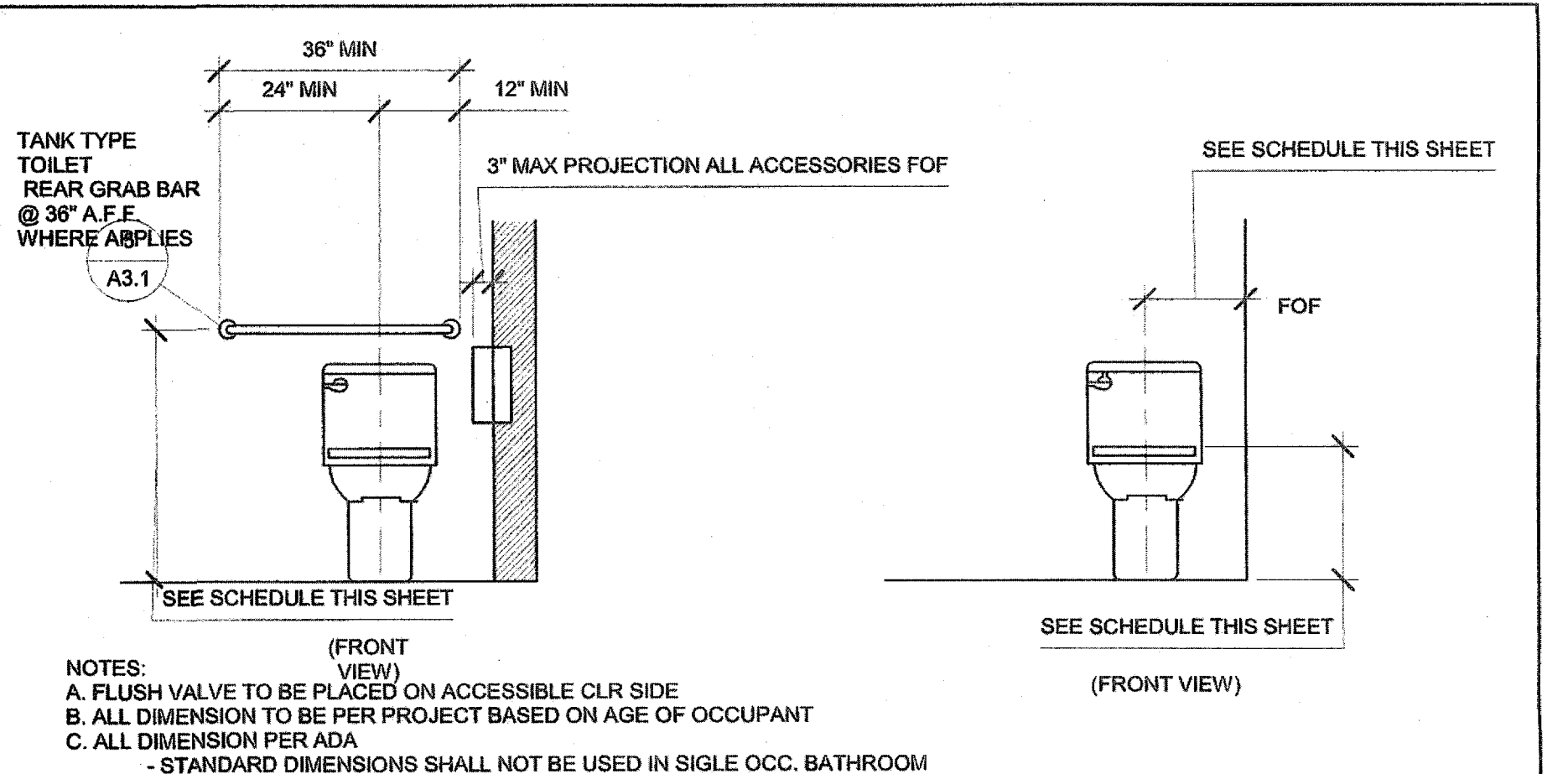
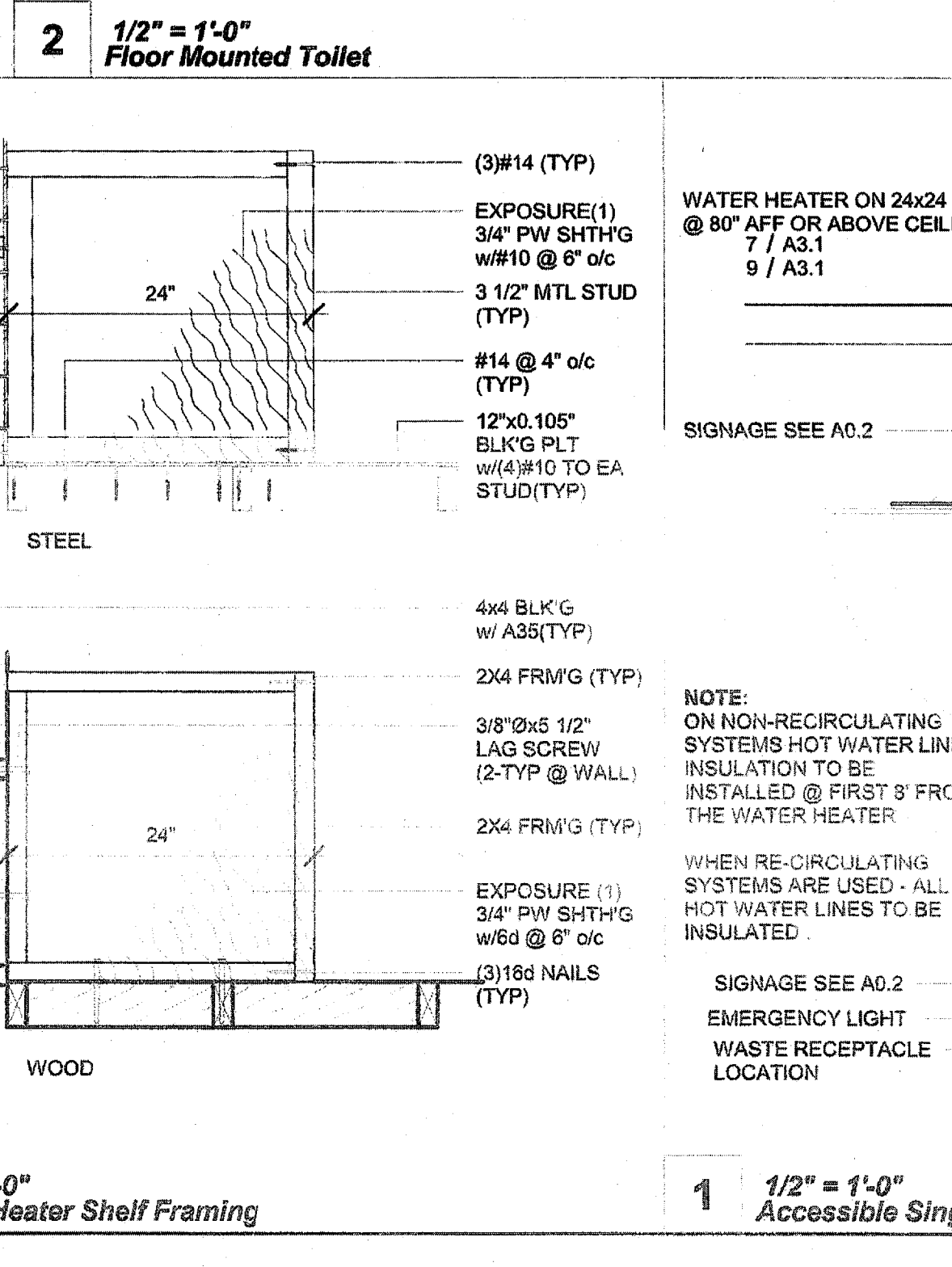
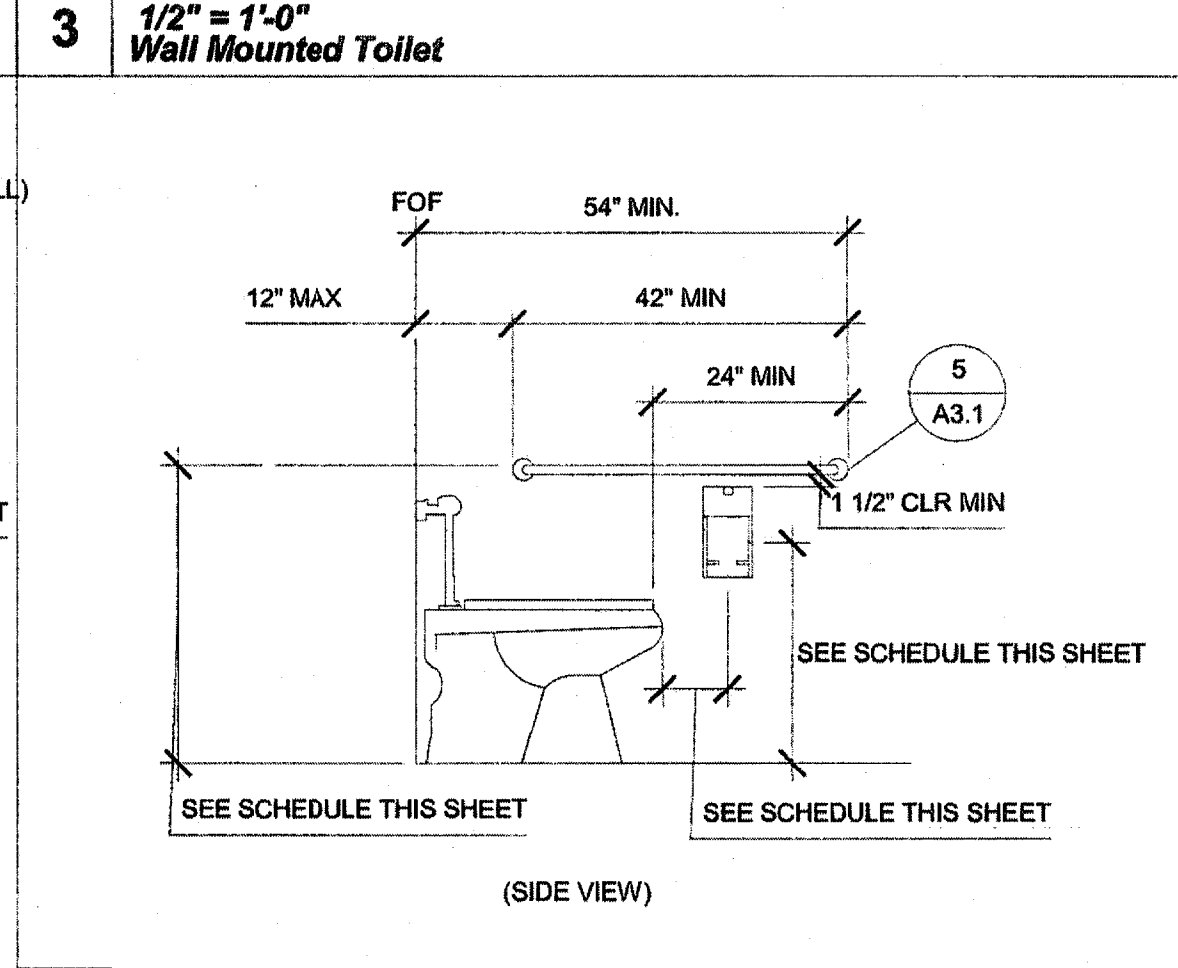
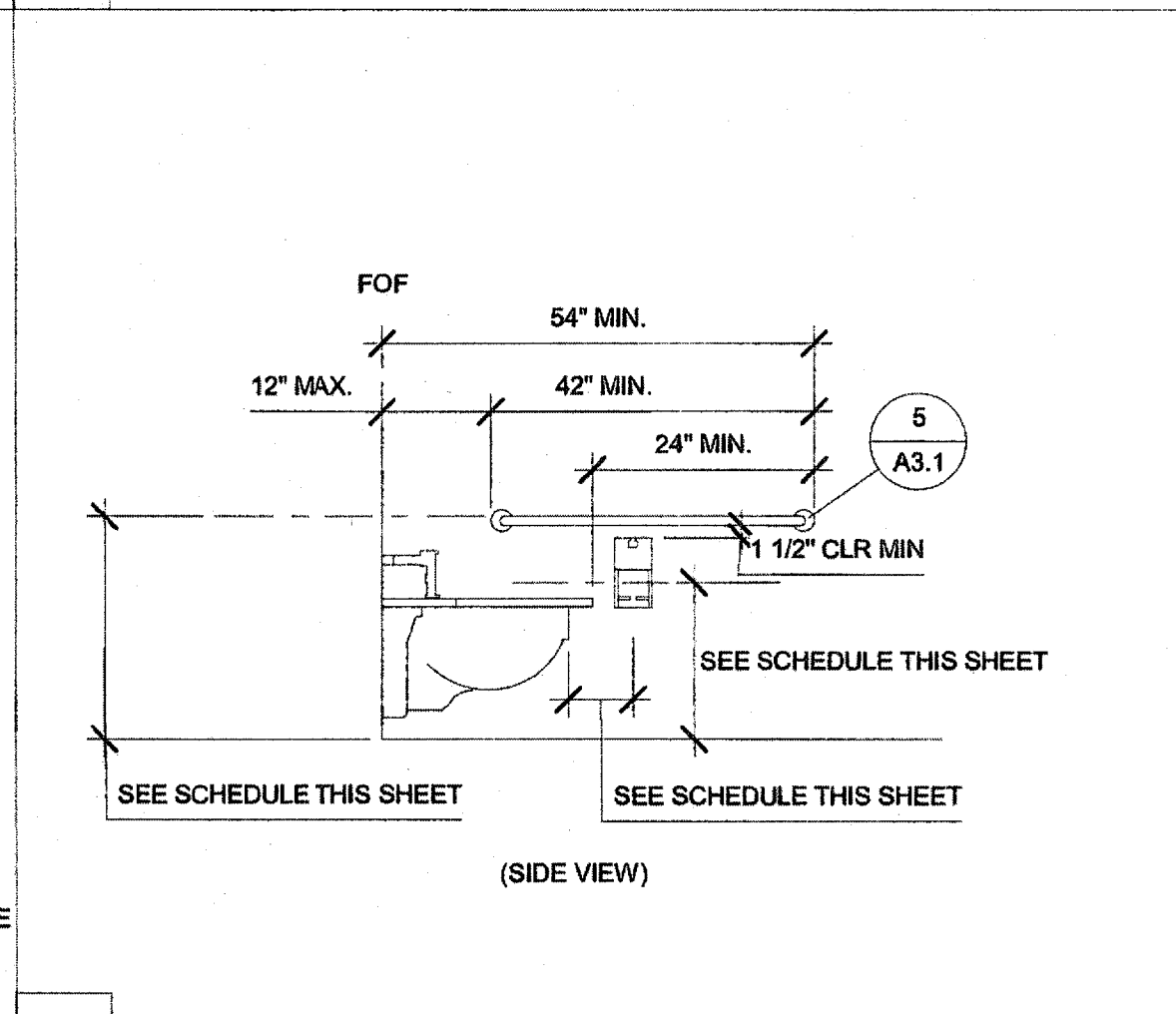
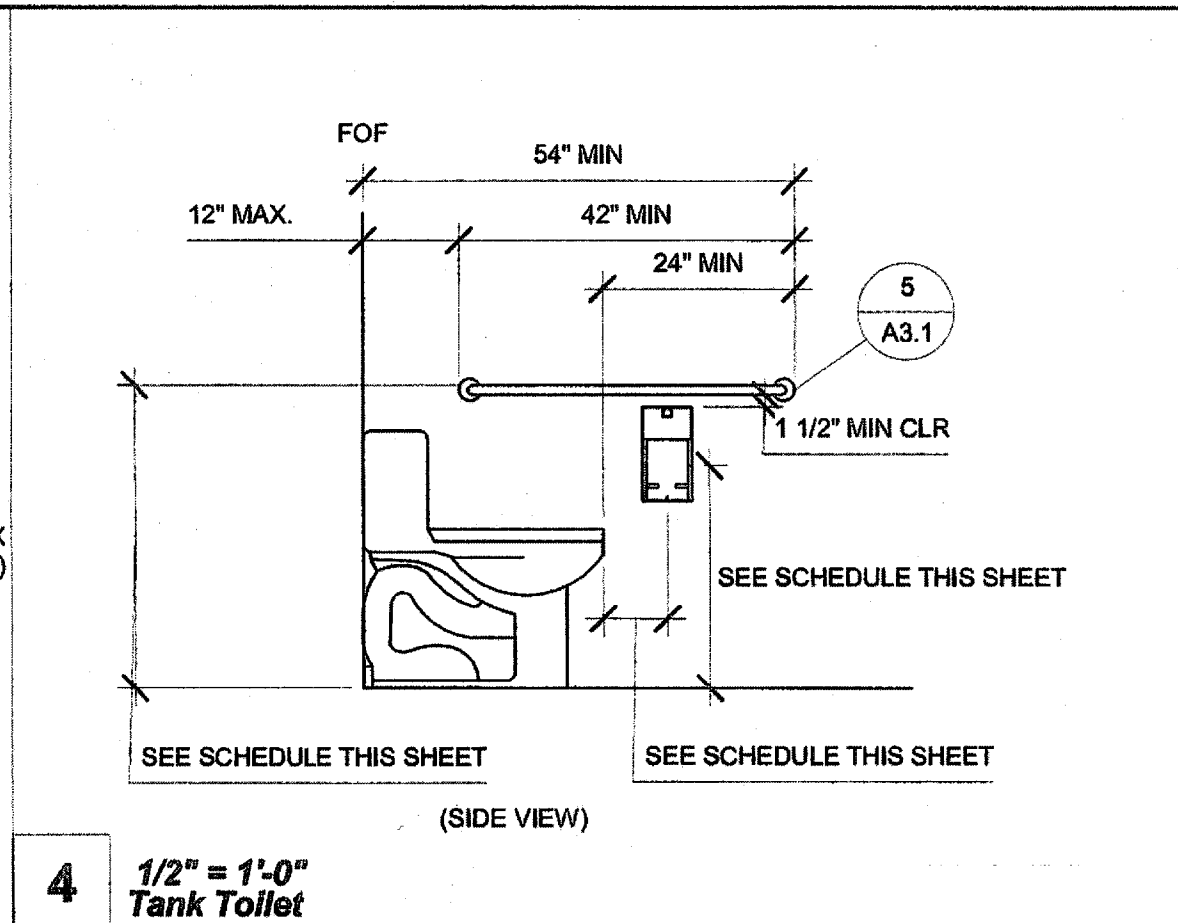
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RECOMMENDED ACCESSIBLE MOUNTING HEIGHT PER CBC TABLE 11B609.4

TYPE	ADA ADULT	AGE 12 AND UP	AGES 9 THROUGH 12	AGES 5 THROUGH 8	AGES 3 AND 4
TOILET CENTERING FROM WALL	17" - 18"	17" - 18"	15" - 18"	12" - 15"	12"
TOILET SEAT HEIGHT	17" - 19"	17" - 19"	15" - 17"	12" - 15"	11" - 12"
TOILET FRONT CLEARANCE	48"	48"	48"	48"	48"
GRAB BAR HEIGHT (TOP OF BAR)	33" - 36"	33" - 36"	25" - 27"	20" - 25"	18" - 20"
TOILET PAPER IN FRONT OF TOILET	8" MAX.	7" - 9"	7" - 9"	7" - 9"	7" - 9"
TOILET PAPER DISPENSER HEIGHT (CENTER)	19" MIN.	19" MIN.	17" - 19"	14" - 17"	14"
NAPKIN DISPOSAL IN FRONT OF TOILET	12" MAX.	12" MAX.	12" MAX.	N/A	N/A
NAPKIN DISPOSAL HEIGHT (TO TOP)	25" - 30"	25" - 30"	25" - 30"	N/A	N/A
MIRROR HEIGHT (TO REFLECTIVE SURFACE)	40" MAX.	40" MAX.	40" MAX.	36" MAX.	32" MAX.
TOILET SEAT COVER DISPENSER HEIGHT	40"	40"	40"	36"	32"
*SINK (TOP)	34" MAX.	34" MAX.	34" MAX.	31" MAX.	24" MAX.
*SINK (BOT)	29" MIN.	29" MIN.	27" MIN.	24" MIN.	19" MIN.
SOAP DISPENSER	40" MAX.	40" MAX.	40" MAX.	36" MAX.	32" MAX.
HAND DRYER (TOP OF CONTROL)	40" MAX.	40" MAX.	40" MAX.	36" MAX.	32" MAX.
NAPKIN DISPENSER HEIGHT (TOP OF DISP.)	40" MAX.	40" MAX.	40" MAX.	N/A	N/A
PAPER TOWEL DISPENSER HEIGHT	40" MAX.	40" MAX.	40" MAX.	36" MAX.	32" MAX.

*SINK SHALL ACCOMMODATE SIDE APPROACH W/ 30"x48" CLR SPACE
 **SEE DETAIL THIS SHEET FOR DIMENSIONS AND NOTES ON KNEE AND TOE CLEARANCE



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 Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
 FILE NUMBER: PC-128
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 04 - 116504 INCR: 0
 AC, RM, FLS, EA, SSR, KBR
 DATE: 07/19/2018

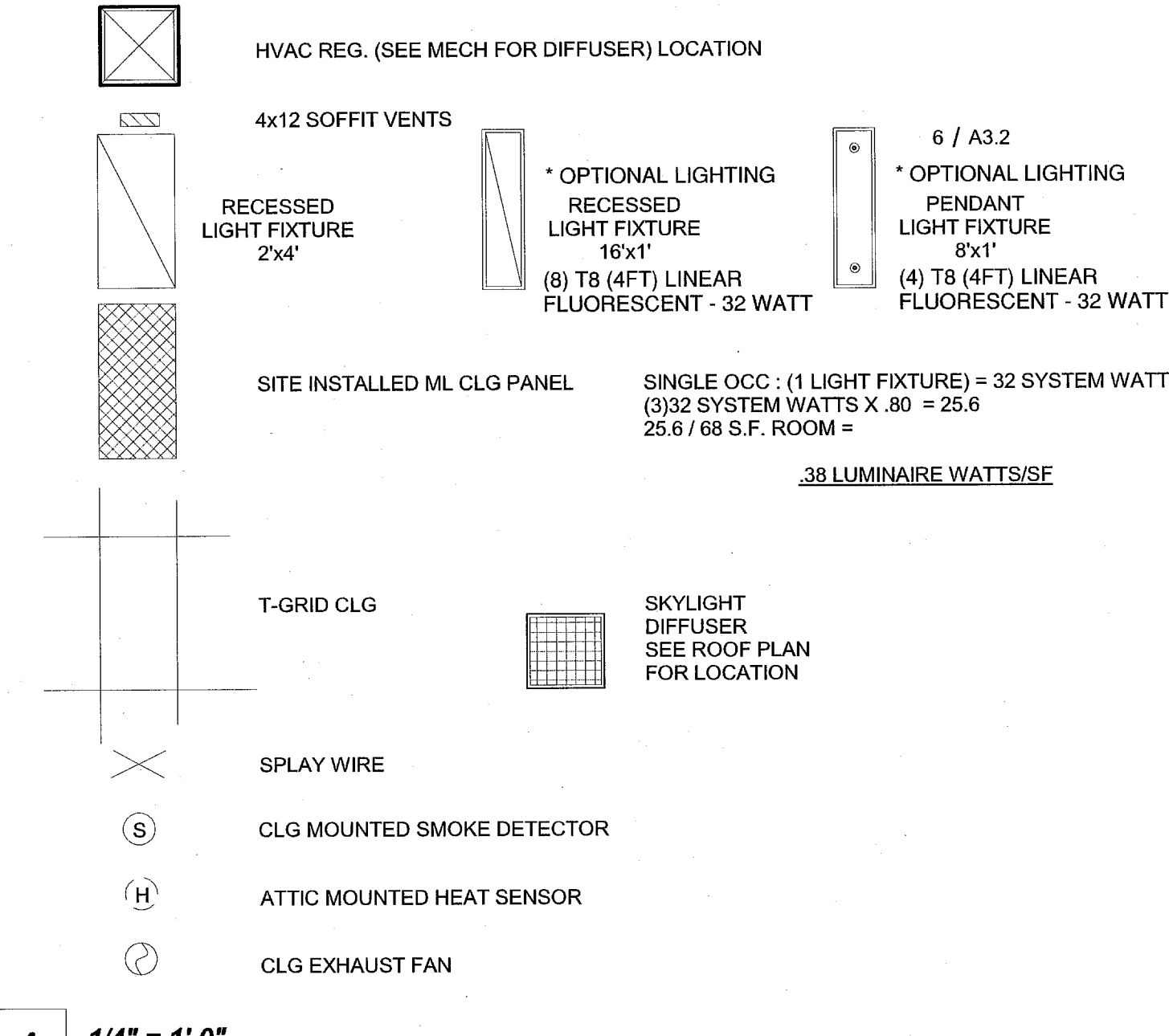
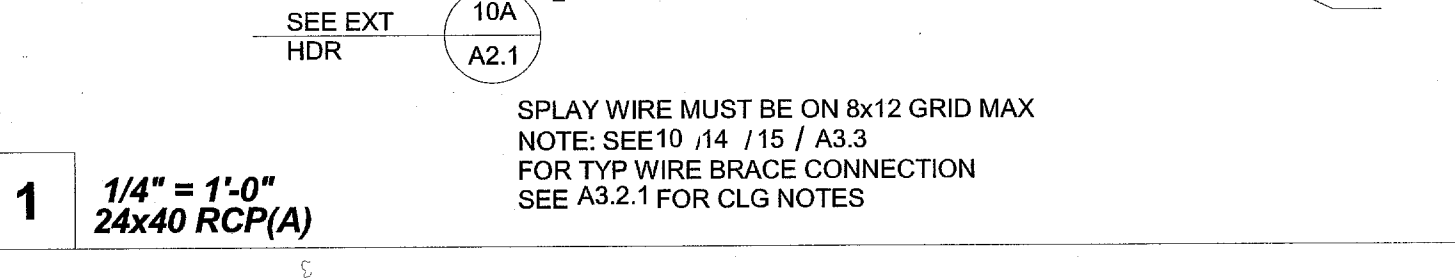
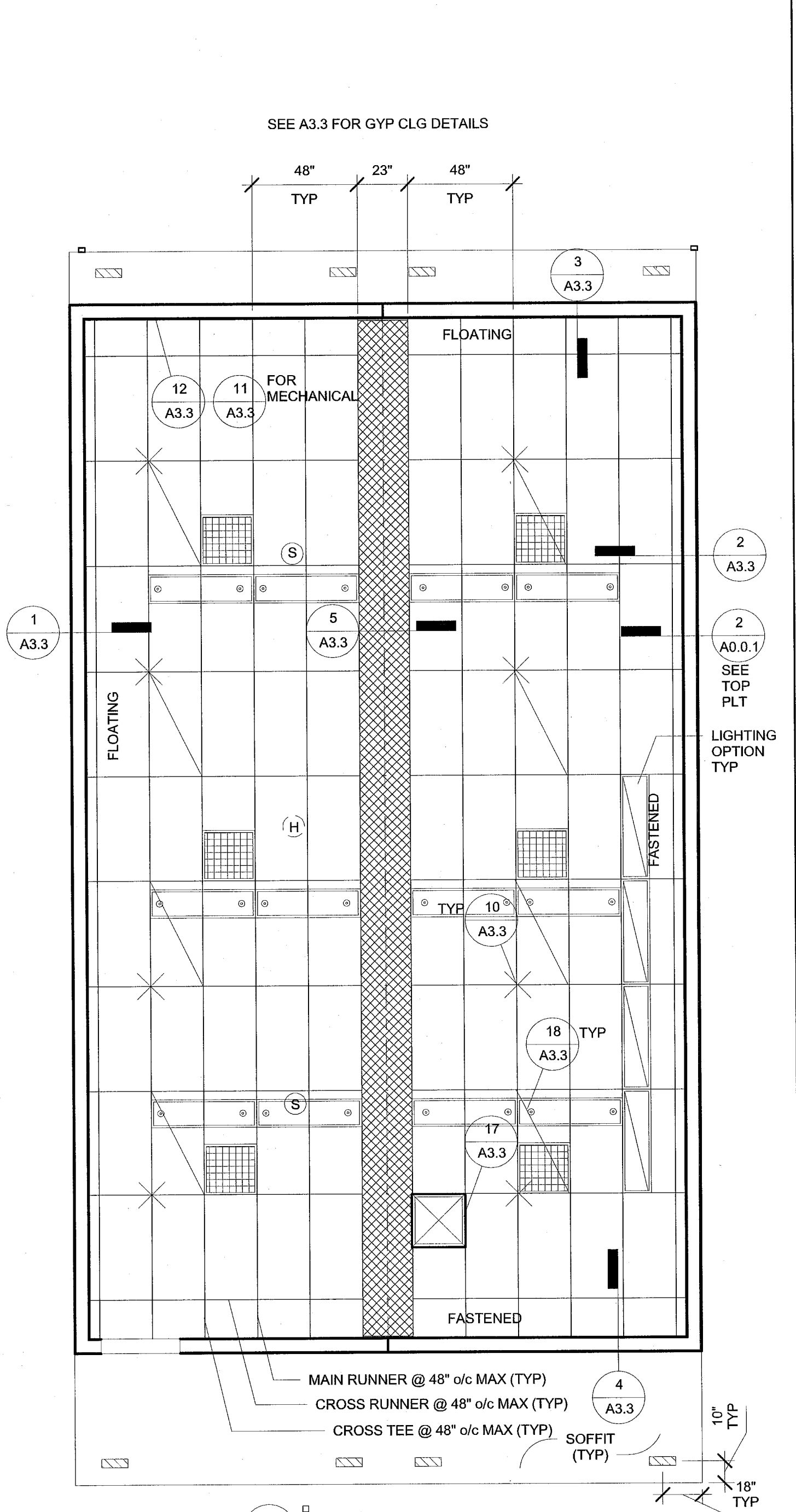
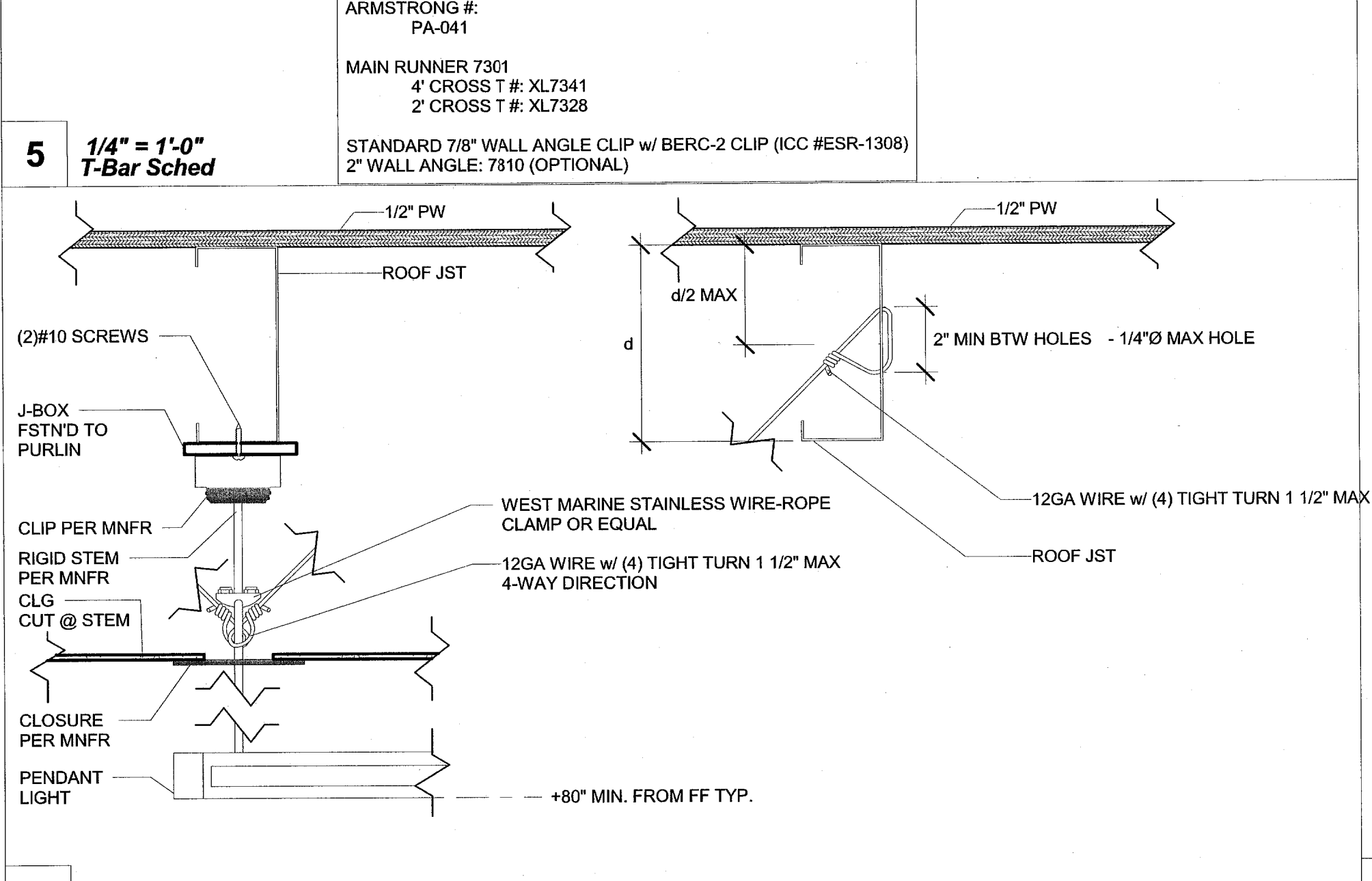
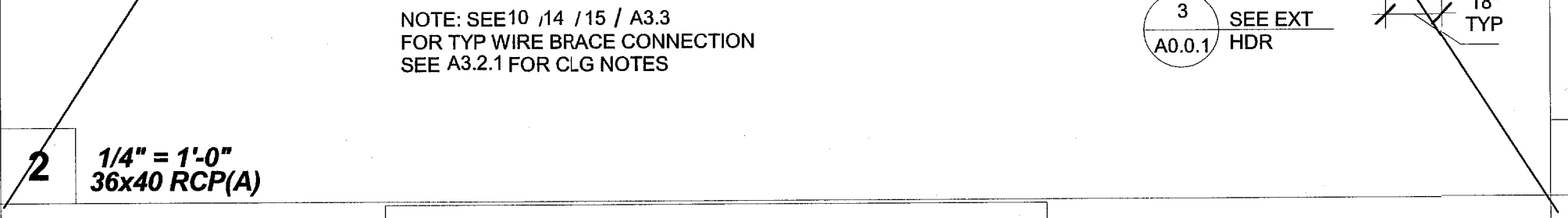
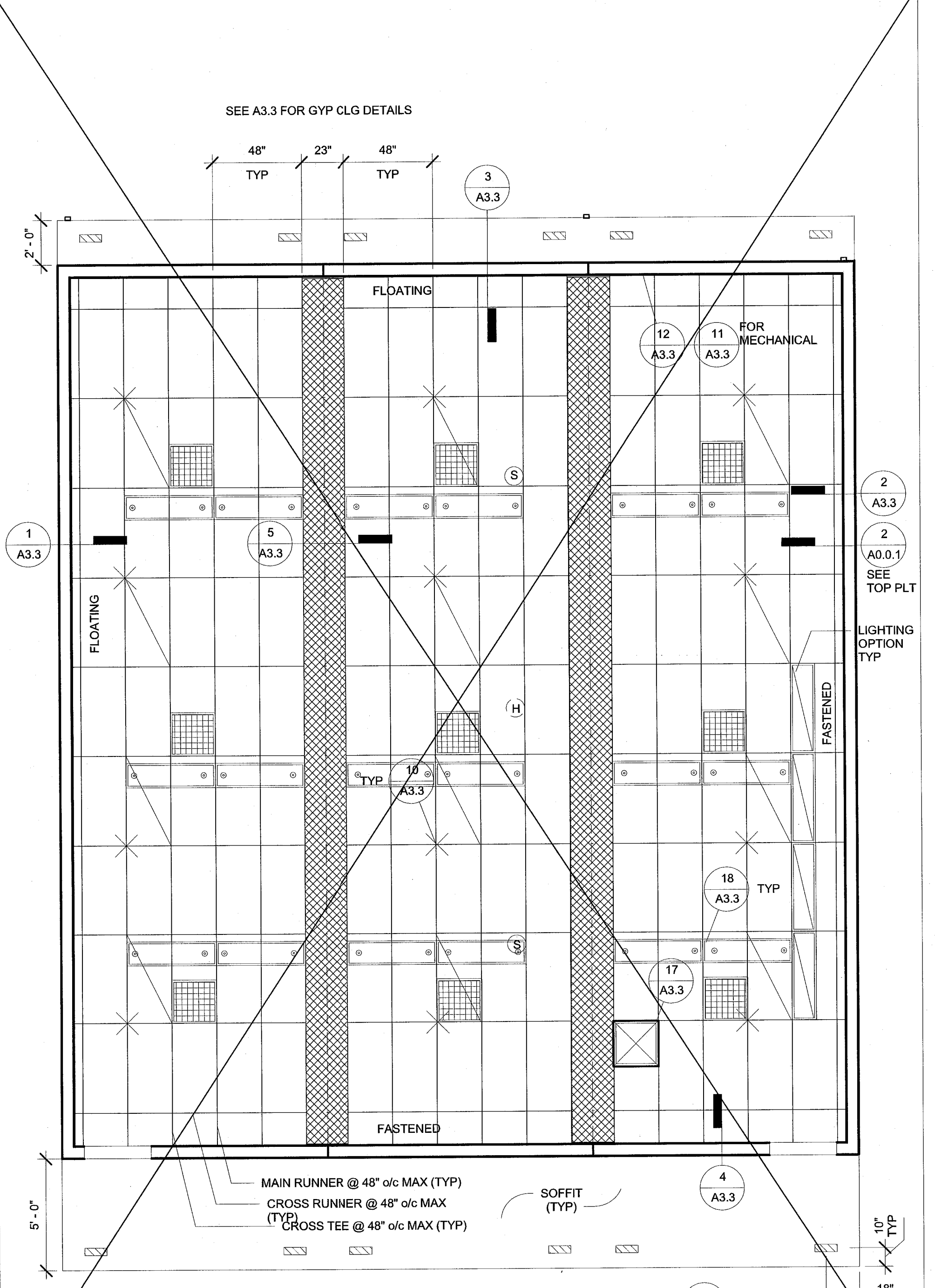
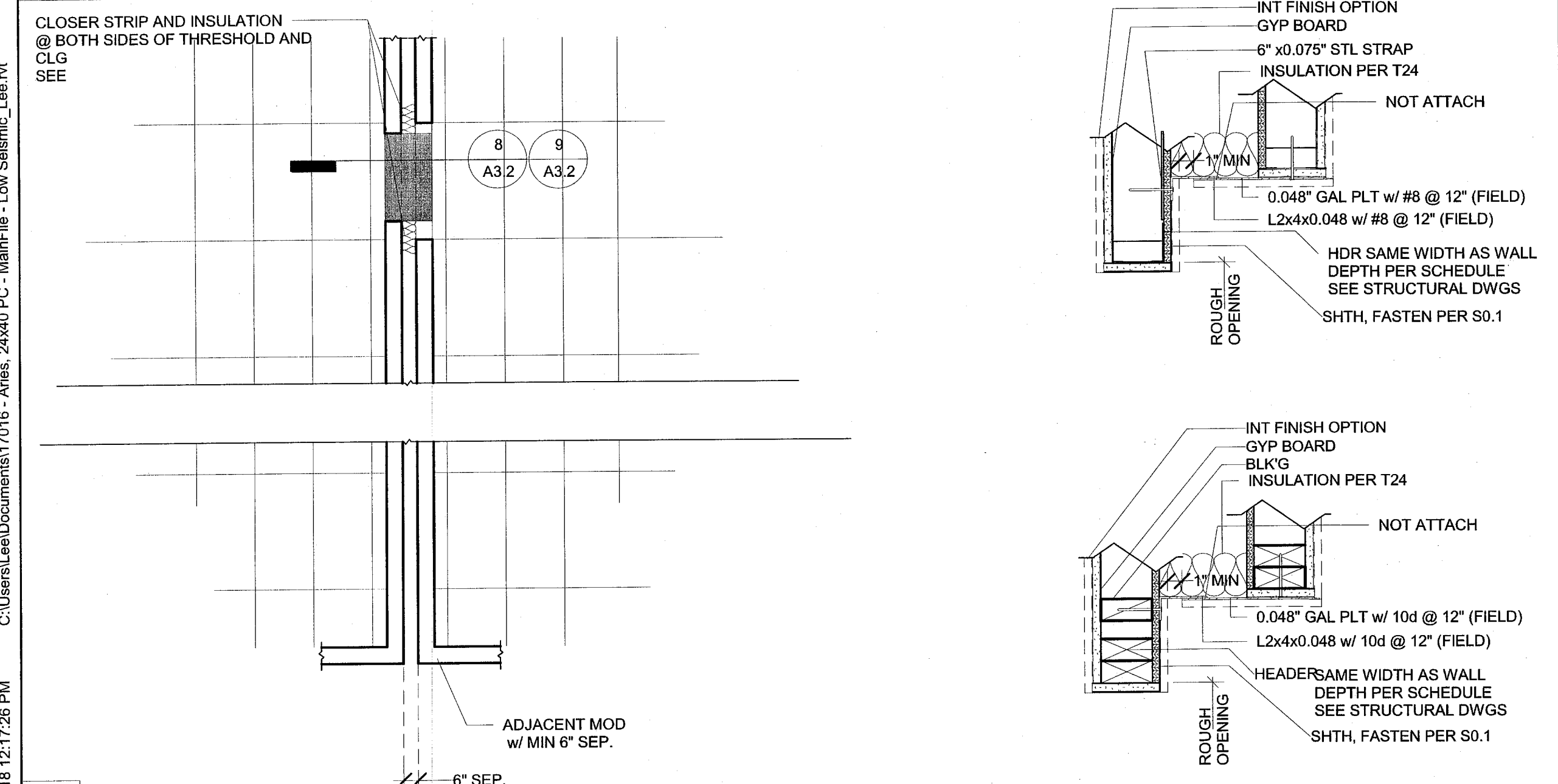
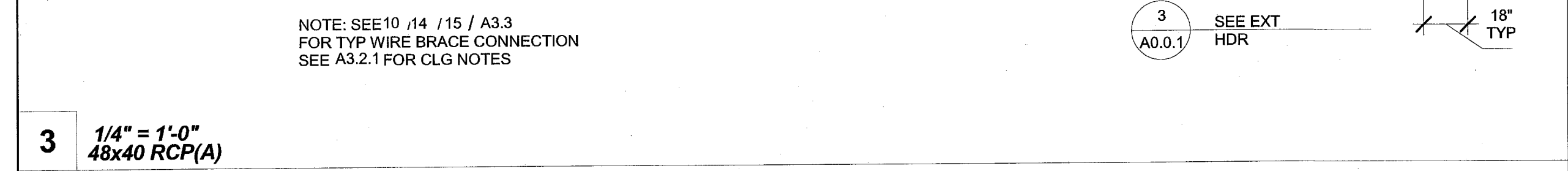
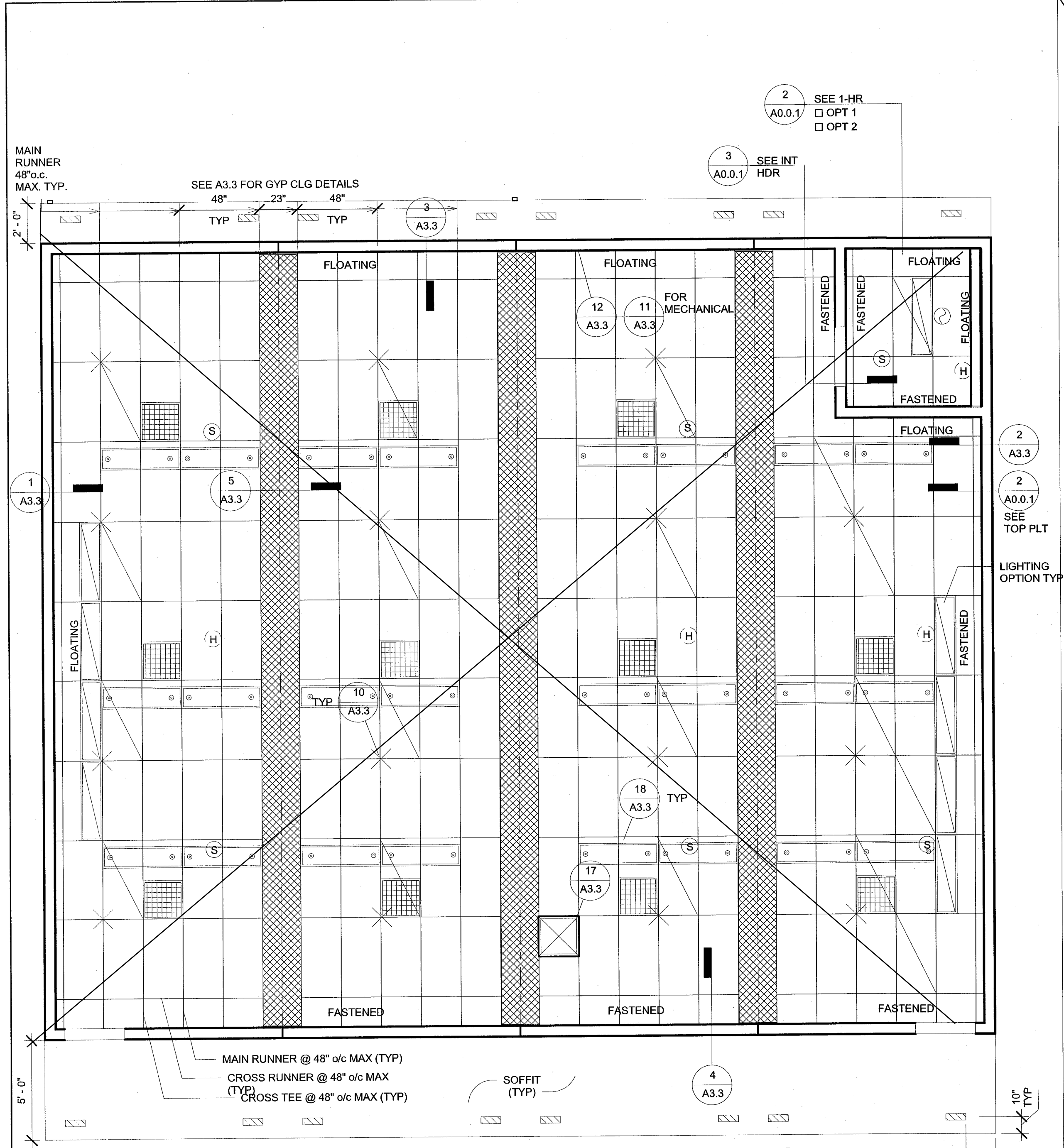
PROJECT TITLE
24' x 40'
EXPANDABLE TO
120' x 40'
 PRE-CHECK (PC) DOCUMENT
 Code: 2016 CBC
 A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 118238
 ACS, FLS, EA, SSR, KBR
 DATE: MAR 07 2019

Revision Schedule

#	Description	Date

SHEET TITLE
SINGLE OCC. BATHROOM
 PROJECT NUMBER
 17016A
 DRAWN BY
 rMc/SC
 CHECKED BY
 JA/RT
 DATE
 2017/06/05
 SHEET NO.
A3.1



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

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Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC_RM FLS RA SSR KER
DATE: 07/19/2018

PROJECT TITLE
24' x 40' EXPANDABLE TO 120' x 40'

PRE-CHECK (PC) DOCUMENT
Code: | 2016 | CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118230
ACS FLS RA SSR KER
DATE: MAR 17 2017

Revision Schedule

#	Description	Date

SHEET TITLE
RCP

PROJECT NUMBER
17016A

DRAWN BY
rMc/SC

CHECKED BY
JA/RT

DATE
2017/06/05

SHEET NO.
A3.2

SHEET OF SHEETS

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1. CEILING SYSTEM GENERAL NOTES:

- 1.01 Ceiling system components shall comply with ASTM C635-07 and Section 5.1 of ASTM E580-10a.
- 1.02 The ceiling grid system must be rated heavy duty as defined by ASTM C635-08.
- 1.03 Ceiling systems. The following ceiling system(s) is/are part of the scope of this project: **[For each system used, the RDP shall indicate in the construction documents, the information that follows]**

Manufacturer's Name ARMSTRONG
 Product Evaluation Report Type and Number PA-041
 Manufacturer's Model Number - main runner 7301 (SEE A3.2)
 Manufacturer's catalog number - cross runner 4' CROSS T #: XL7341
2' CROSS T #: XL7328

- 1.04 Seismic Wall Clip: **[RDP to specify if used]**
 STANDARD 7/8" WALL ANGLE CLIP w/ BERC-2 CLIP (ICC #ESR-1308)
 Manufacturer's Model 2" WALL ANGLE: 7810 (OPTIONAL)

- 1.05 Ceiling panels shall not support any light fixtures, air terminals or devices.
- 1.06 For ceiling installations utilizing acoustical tile panels of mineral or glass fiber, it is not mandatory to provide 3/4" clearance between the acoustical tile panels and the wall on the sides of the ceiling which are free to slip. For all other ceiling panel types, provide 3/4" clearance between the ceiling panel and the wall on the sides of the ceiling free to slip.

2. MATERIALS:

- 2.01 Ceiling wire shall be Class 1 zinc coated (galvanized) carbon steel conforming to ASTM A641-09a. Wire shall be #12 gage (0.106" diameter) with soft temper and minimum tensile strength = 70 ksi.
- 2.02 Galvanized sheet steel (including that used for metal stud and track compression struts/post) shall conform to ASTM A653-11, or other equivalent sheet steel listed in Section A2.1 of the North American Specification for the Design of Cold-Formed Steel Structural Members 2007, including supplement 2 dated 2010 (AISI S100-07/S2-10). Material 43 mil (18 gage) and lighter shall have minimum yield strength of 33 ksi. Material 54 mil (16 gage) and heavier shall have a minimum yield strength of 50 ksi.
- 2.03 Electrical metallic tube (EMT) shall be ANSI C80.3/UL 797 carbon steel with G90 galvanizing. EMT shall have minimum yield strength (Fy) of 30 ksi and minimum ultimate strength (Fu) of 48 ksi.

Basis Document: DSA IR 25-2.13	rev.	09-21-15	Sheet No: 1.00
Sheet Title: Ceiling Notes			

DSA IR 25-2.13 - Appendix A (rev 09/21/15)

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3. ATTACHMENT OF HANGER AND BRACING WIRES:

- 3.01 Separate all ceiling hanger and bracing wires at least six (6) inches from all unbraced ducts, pipes, conduit, etc.
- 3.02 Hanger and bracing wires shall not attach to or bend around obstructions including but not limited to: piping, ductwork, conduit and equipment.
- 3.03 Hanger wires that are more than one (horizontal) in six (vertical) out of plumb shall have counter-sloping wires.
- 3.04 Slack safety wires shall be considered hanger wires for installation and testing requirements.
- 3.05 Hanger and bracing wire anchorage to the structure shall be installed in such a manner that the direction of the anchorage aligns closely with the direction of the wire. (e.g. bracing wire ceiling clips must be bent as shown in the details and rotated as required to align closely with the direction of the wire, screw eyes in wood must be installed so they align closely with the direction of the wire, etc.)

4. FASTENERS AND WELDING:

- 4.01 Sheet metal screws shall comply with ASTM C1513-10, ASME B18.6.4-89 (R2005). Penetration of screws through joined material shall not be less than three exposed threads.
- 4.02 Expansion anchors shall be: **[RDP to indicate manufacturer, product, evaluation report number and load for each size specified per CBC 1913A.7.2.]**
- 4.03 Power-Actuated Fasteners shall be: **[RDP to indicate manufacturer, product, evaluation report number]**
- 4.04 If not otherwise specified in the evaluation report, power-actuated fasteners installed in steel shall be installed so the entire pointed end of the fastener is driven through the steel member.
- 4.05 Power-actuated fasteners in concrete are not permitted for bracing wires.
- 4.06 Concrete reinforcement and prestressing tendons shall be located by non-destructive means prior to installing post - installed anchor.
- 4.07 Welding shall be in accordance with AWS D1.3 using E60XX series electrodes.

5. TESTING: All field testing must be performed in the presence of the project inspector.

- 5.01 Post-installed anchors in concrete used to support hanger wires shall be tested at a frequency of 10 percent. Power actuated fasteners in concrete shall be field tested for 200 lbs. in tension. All other post-installed anchors in concrete shall be tested in accordance with CBC Section 1913A.7.
- 5.02 Post-installed anchors in concrete used to attach bracing wires shall be tested at a frequency of 50 percent in accordance with CBC Section 1913A.7.

Basis Document: DSA IR 25-2.13	rev.	09-21-15	Sheet No: 1.01
Sheet Title: Ceiling Notes			

DSA IR 25-2.13 - Appendix A (rev 09/21/15)

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6. LIGHT FIXTURES:

- 6.01 All light fixtures shall be positively attached to the ceiling suspension systems by mechanical means to resist a horizontal force equal to the weight of the fixture. A minimum of two screws or approved fasteners are required at each light fixture, per ASTM E580, Section 5.3.1.
- 6.02 Surface-mounted light fixtures shall be attached to the main runner with at least two positive clamping devices. The clamping device shall completely surround the supporting ceiling runner and be made of steel with a minimum thickness of #14 gage. Rotational spring catches do not comply. A #12 gage slack safety wire shall be connected from each clamping device to the structure above. Provide additional supports when light fixtures are eight (8) feet or longer or exceed 56 lb. Maximum spacing between supports shall not exceed eight (8) feet.
- 6.03 Light fixtures weighing less than or equal to 10 lb. shall have a minimum of one (1) #12 gage slack safety wire connected from the fixture housing to the structure above.
- 6.04 Light fixtures weighing less than or equal to 10 lb. shall have a minimum of one (1) #12 gage slack safety wire connected from the fixture housing to the structure above.
- 6.05 Light fixtures weighing greater than 10 lb. but less than or equal to 56 lbs. may be supported directly on the ceiling runners, but they shall have a minimum of two (2) #12 gage slack safety wires connected from the fixture housing at diagonal corners to the structure above.
 Exception: All light fixtures greater than two by four feet weighing less than 56 lbs. shall have a #12 gage slack safety wire at each corner.
- 6.06 All Light fixtures weighing greater than 56 lb. shall be independently supported by not less than four (4) taut #12 gage hanger wires (one at each corner) attached from the fixture housing to the structure above or other approved hangers. The four (4) taut #12 gage wires or other approved hangers, including their attachment to the structure above, shall be capable of supporting four (4) times the weight of the fixture.

7. SERVICES WITHIN THE CEILING:

- 7.01 All flexible sprinkler hose fitting mounting brackets, ceiling-mounted air terminals or other services shall be positively attached to the ceiling suspension systems by mechanical means. Screws or approved fasteners are required. A minimum of two attachments are required at each component.
- 7.02 Ceiling-mounted air terminals or other services weighing less than or equal to 20 lb. shall have one (1) #12 gage slack safety wire attached from the terminal or service to the structure above.
- 7.03 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 20 lb. but less than or equal to 56 lb. shall have two (2) #12 gage slack safety wires (at diagonal corners) connected from the terminal or service to the structure above.
- 7.04 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 56 lb. shall be supported directly from the structure above by not less than four (4) taut #12 gage hanger wires attached from the terminal or service to the structure above or other approved hangers.

Basis Document: DSA IR 25-2.13	rev.	09-21-15	Sheet No: 1.02
Sheet Title: Ceiling Notes			

DSA IR 25-2.13 - Appendix A (rev 09/21/15)

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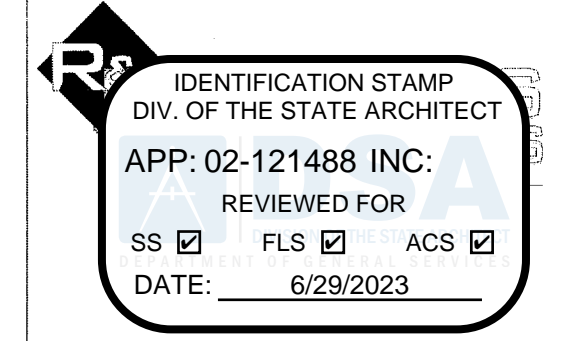
8. OTHER DEVICES WITHIN THE CEILING:

- 8.01 All lightweight miscellaneous devices, such as strobe lights, occupancy sensors, speakers, exit signs, etc., shall be attached to the ceiling grid. In addition, devices weighing more than 10 lbs. shall have a #12 gage slack safety wire anchored to the structure above. Devices weighing more than 20 lb. shall be supported independently from the structure above.

Basis Document: DSA IR 25-2.13	rev.	09-21-15	Sheet No: 1.03
Sheet Title: Ceiling Notes			

DSA IR 25-2.13 - Appendix A (rev 09/21/15)

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PROFESSIONAL STAMP



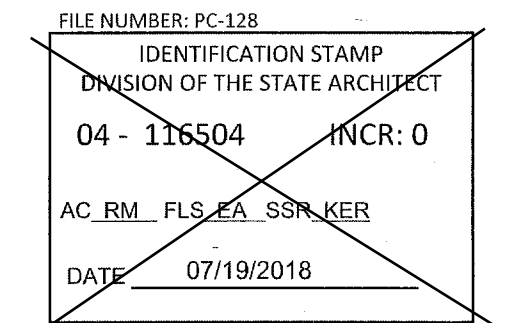
12/19/2017

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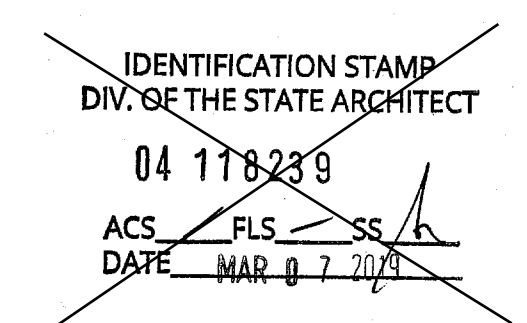


PROJECT TITLE

24' x 40' EXPANDABLE TO 120' x 40'

PRE-CHECK (PC) DOCUMENT
 Code: | 2016 | CBC
 A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL



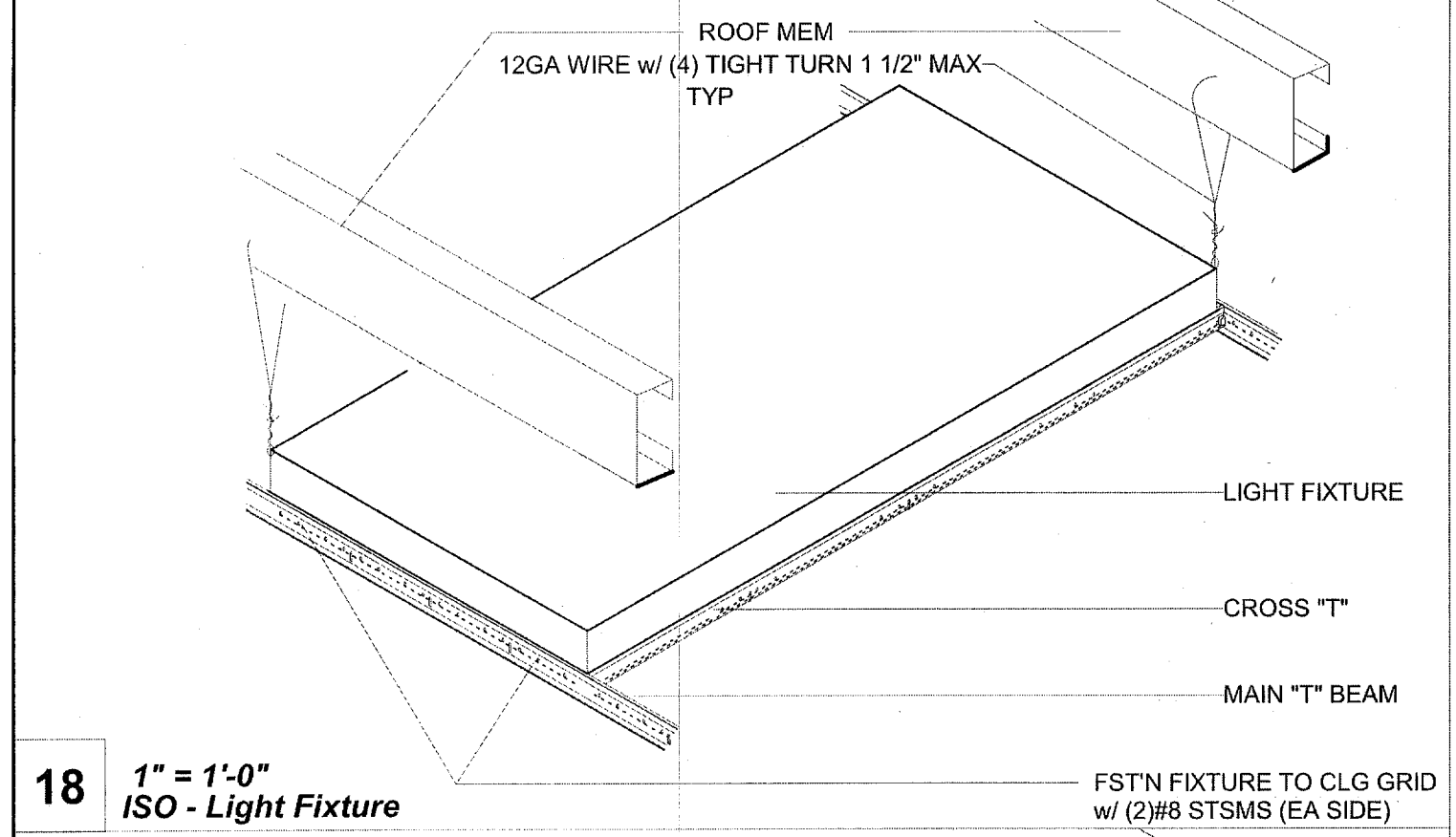
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SHEET TITLE
CEILING NOTES

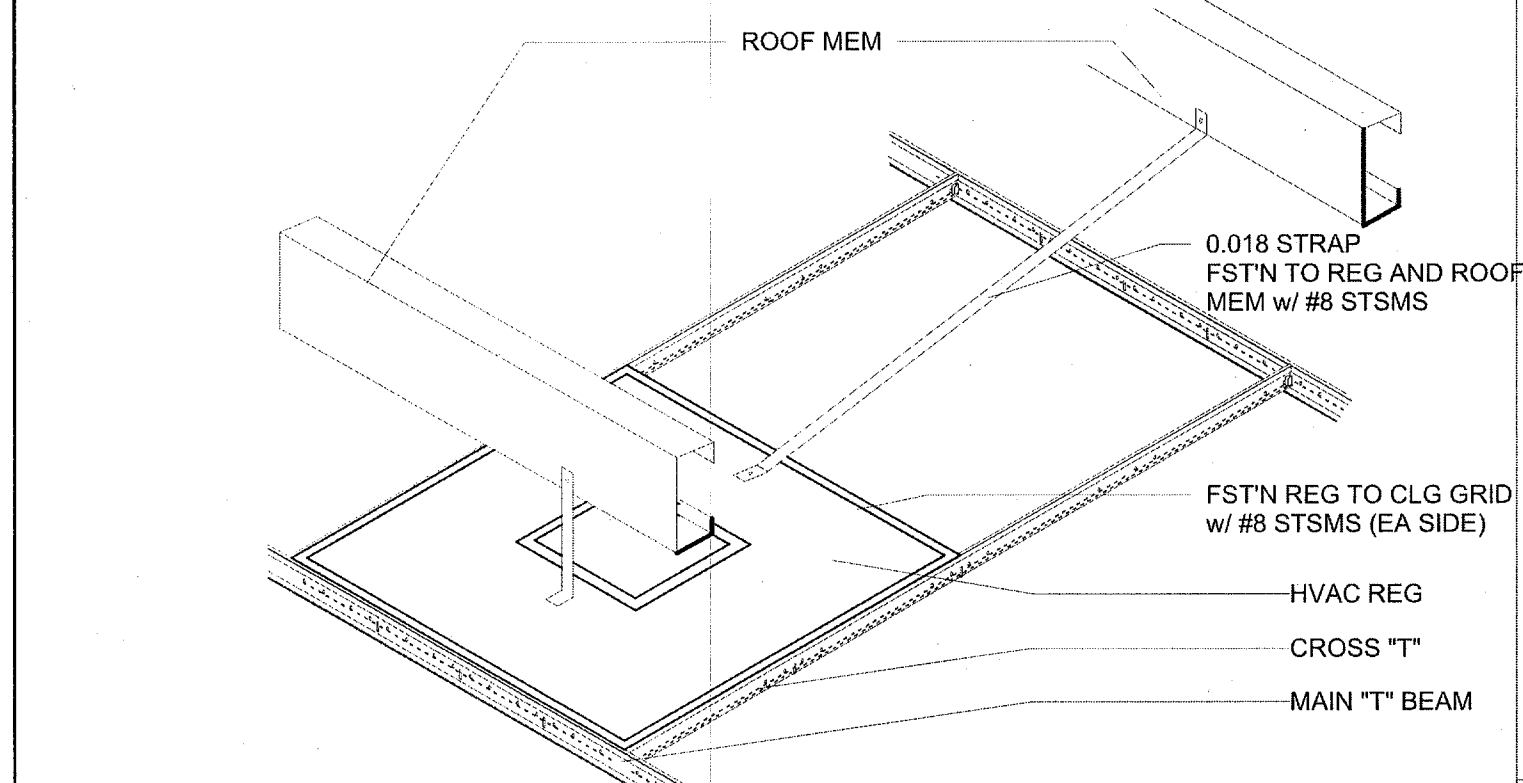
PROJECT NUMBER	17016A
DRAWN BY	rMc/SC
CHECKED BY	JA/RT
DATE	2017/06/05

SHEET NO.
A3.2.1

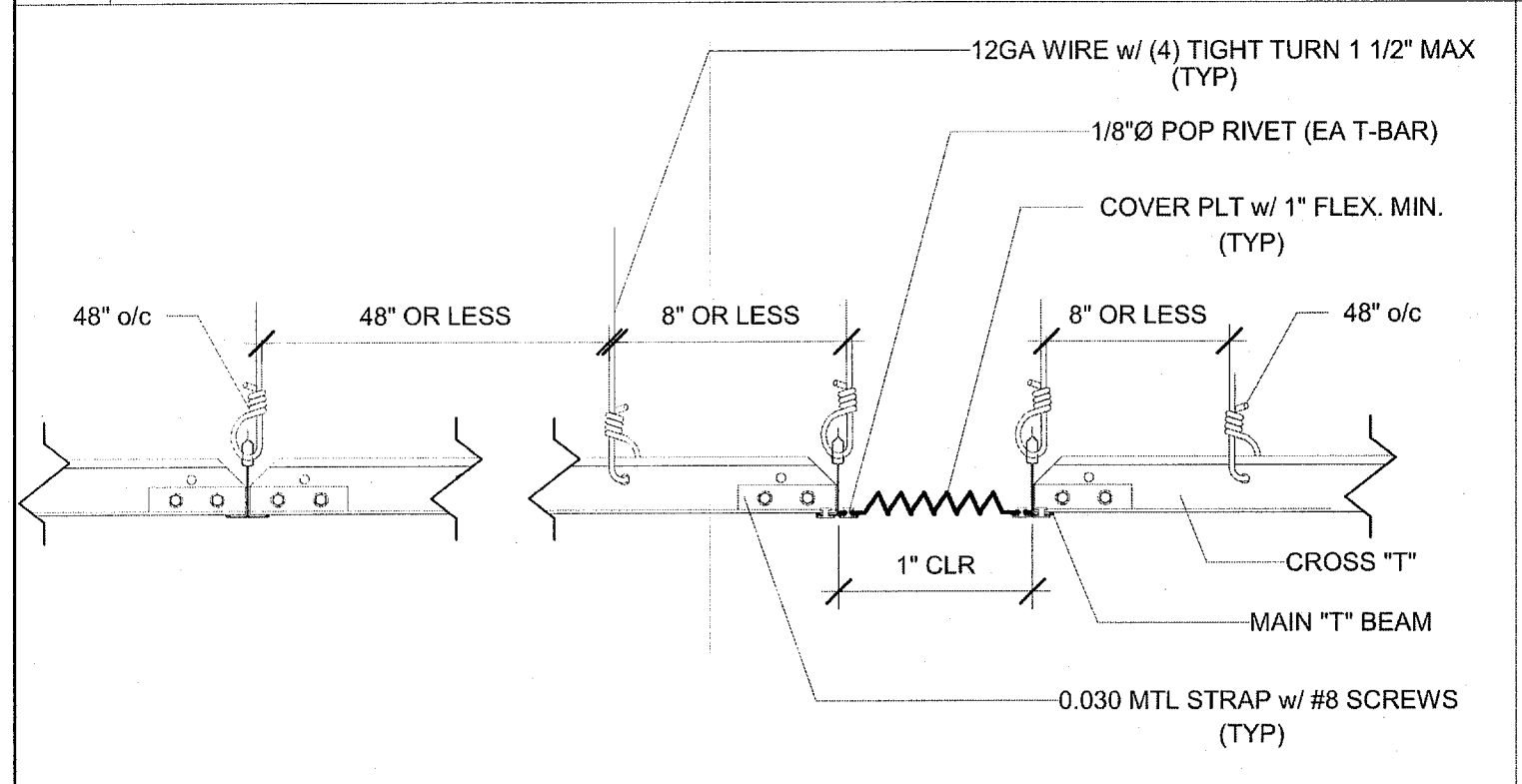
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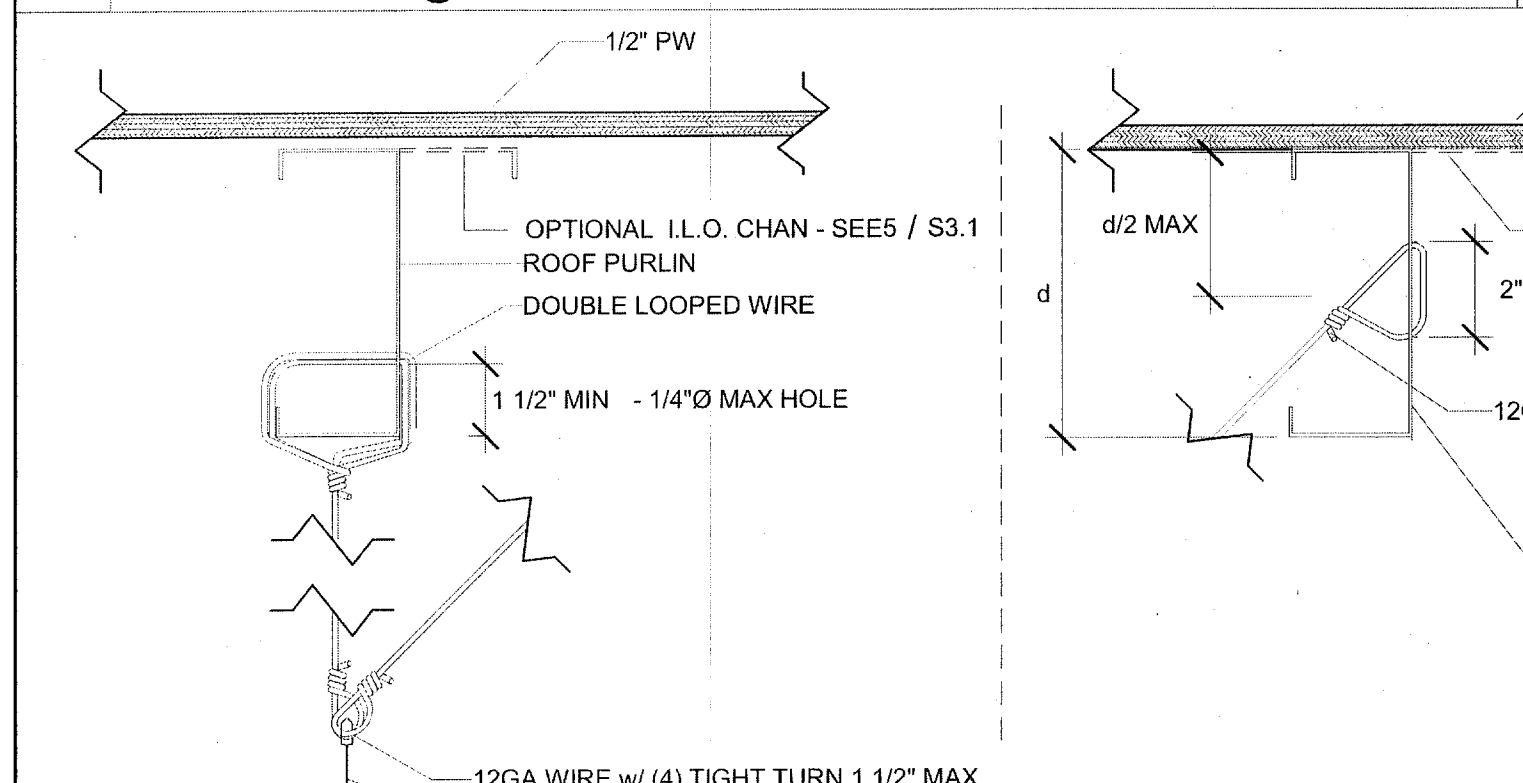
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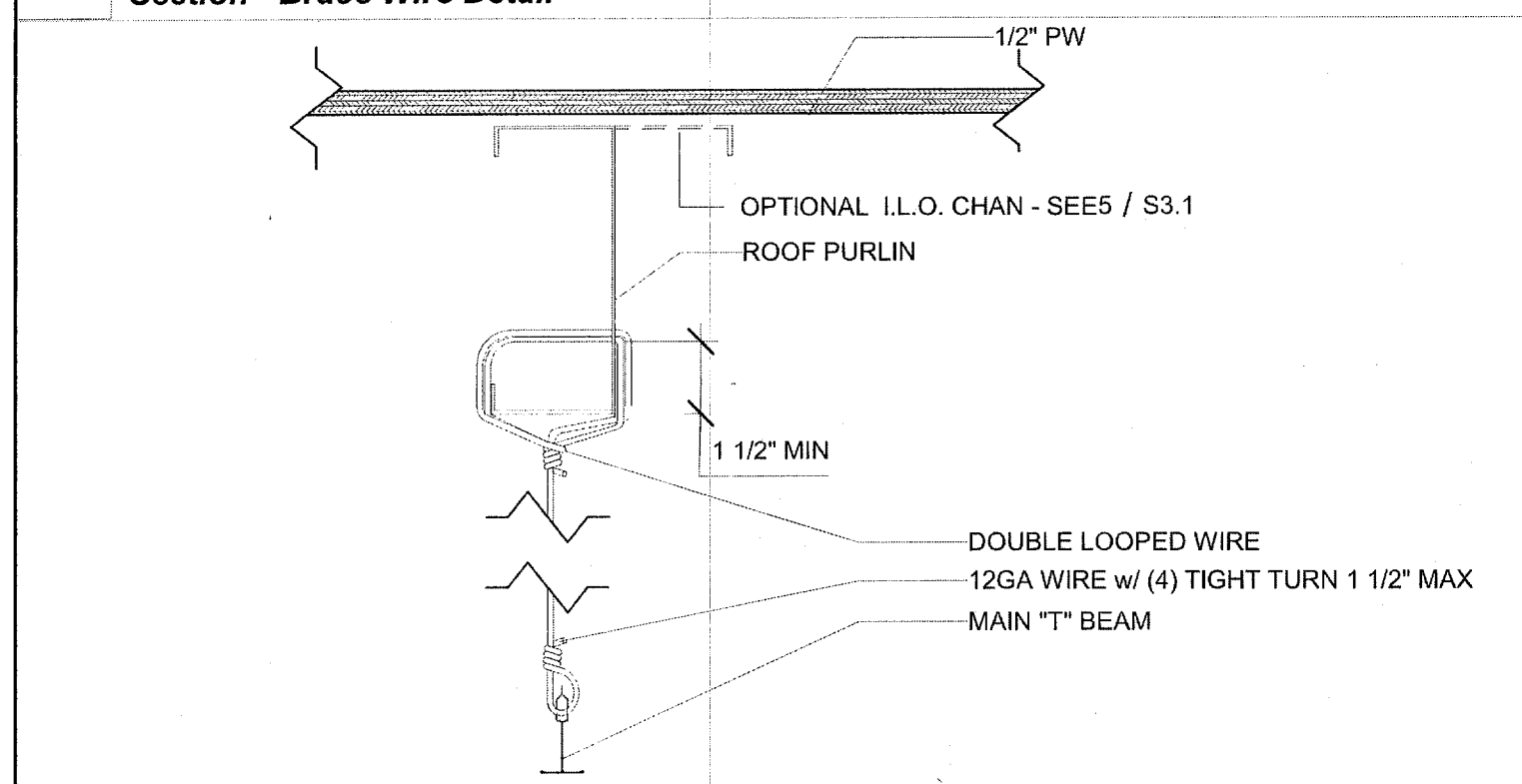
17 1" = 1'-0" ISO - HVAC Reg Mount



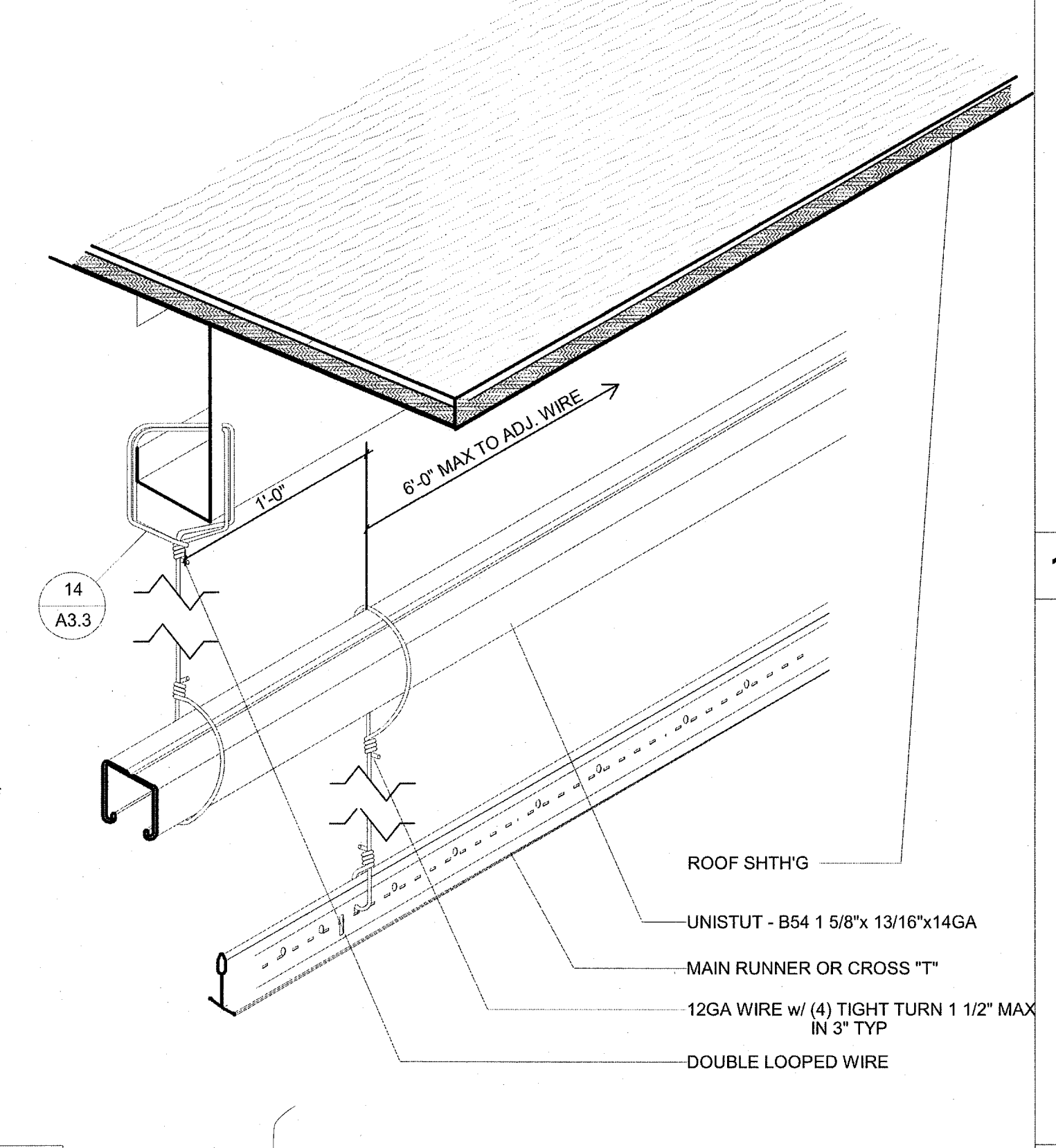
16 3" = 1'-0" Section - "T" Grid @ Mod Line



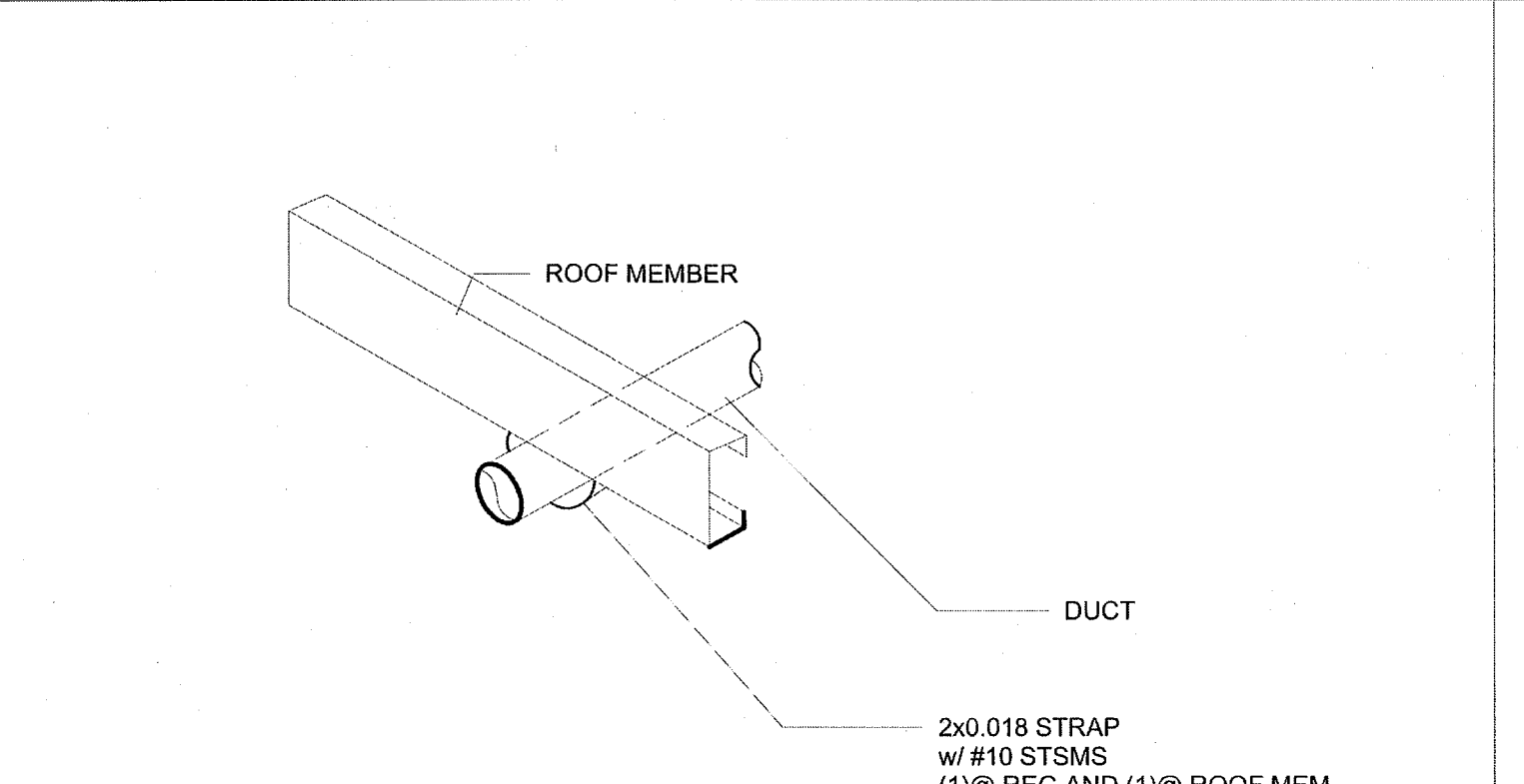
15 3" = 1'-0" Section - Brace Wire Detail



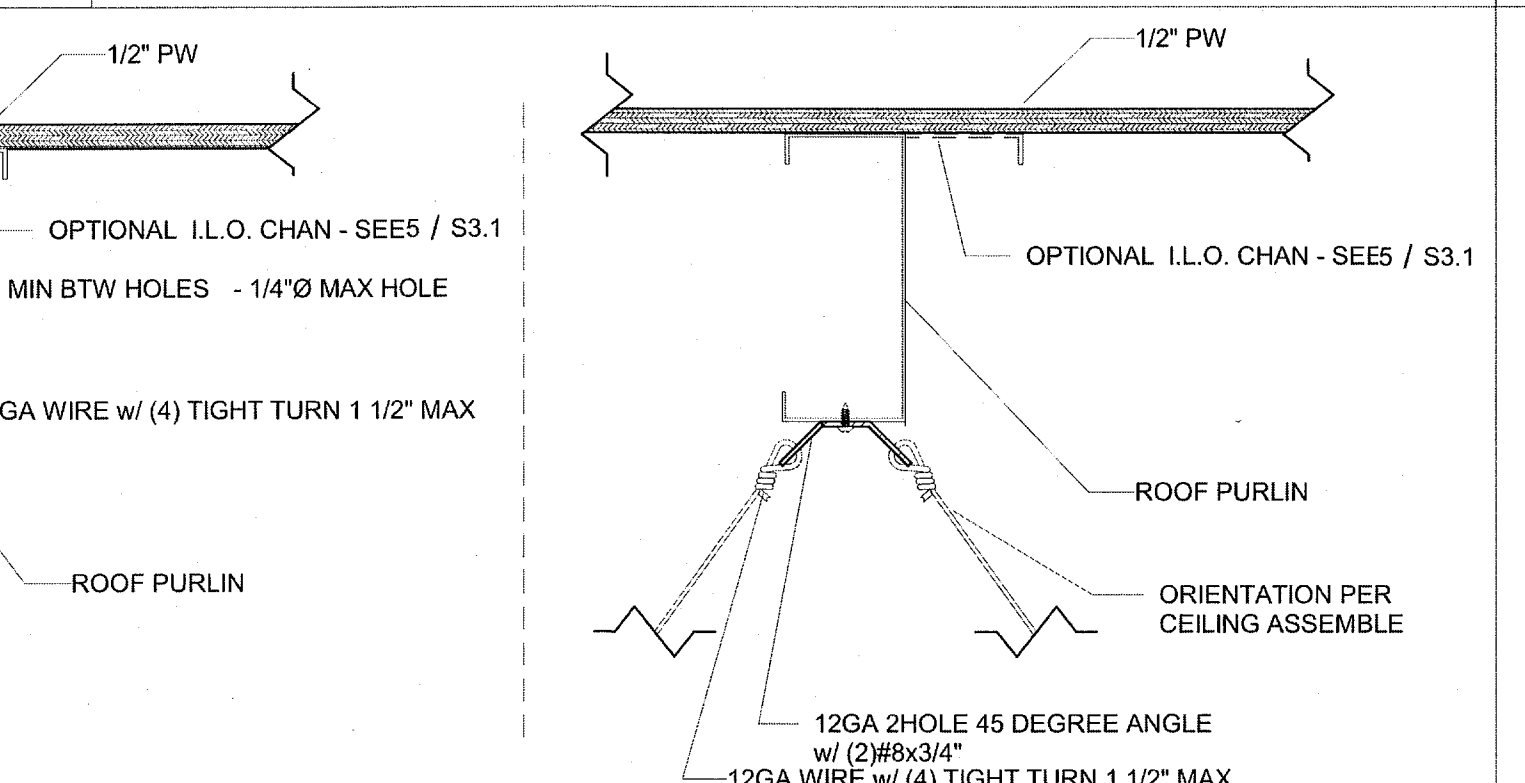
14 3" = 1'-0" Section - Hanger Wire Detail



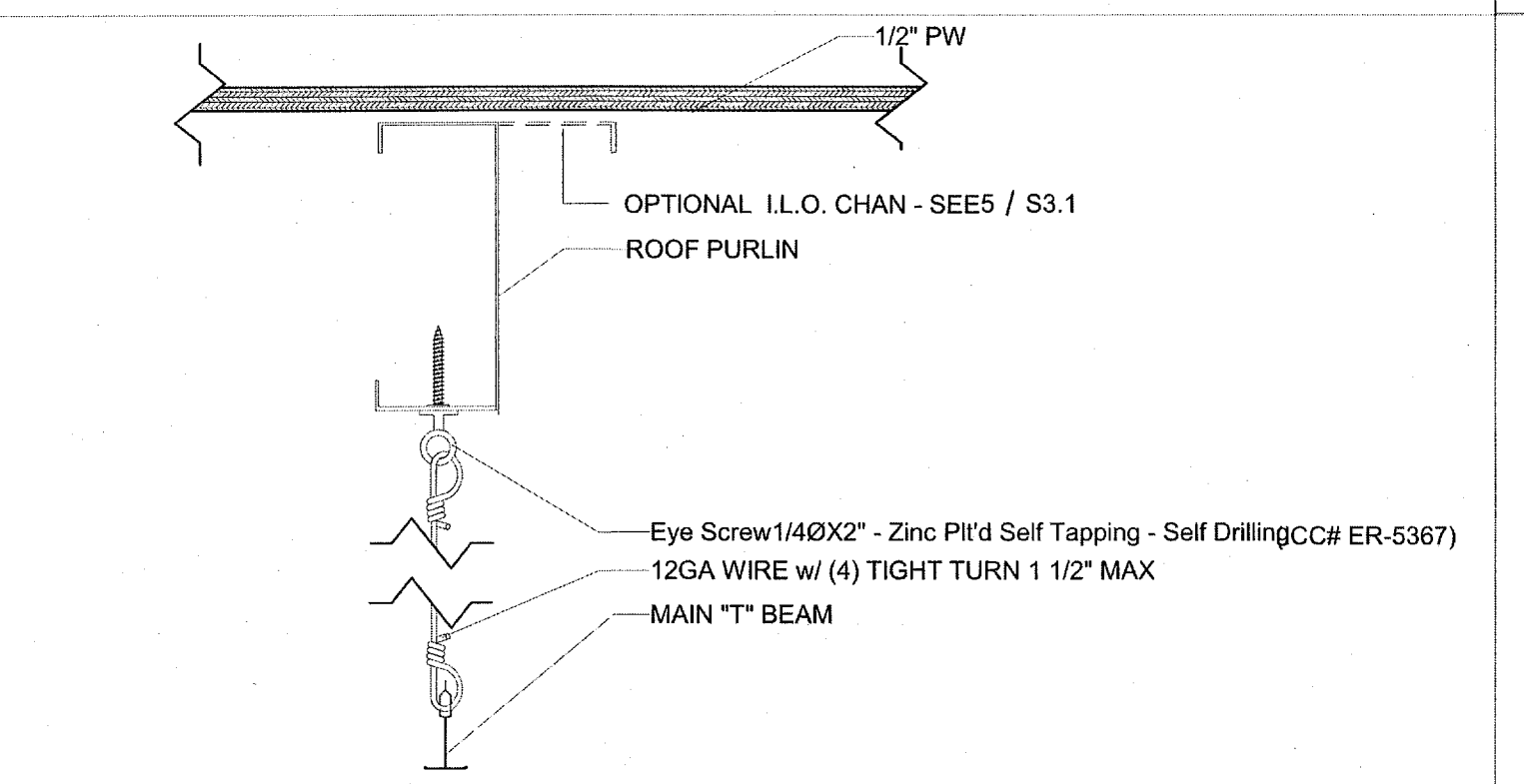
12 3" = 1'-0" ISO - Trapeze Condition



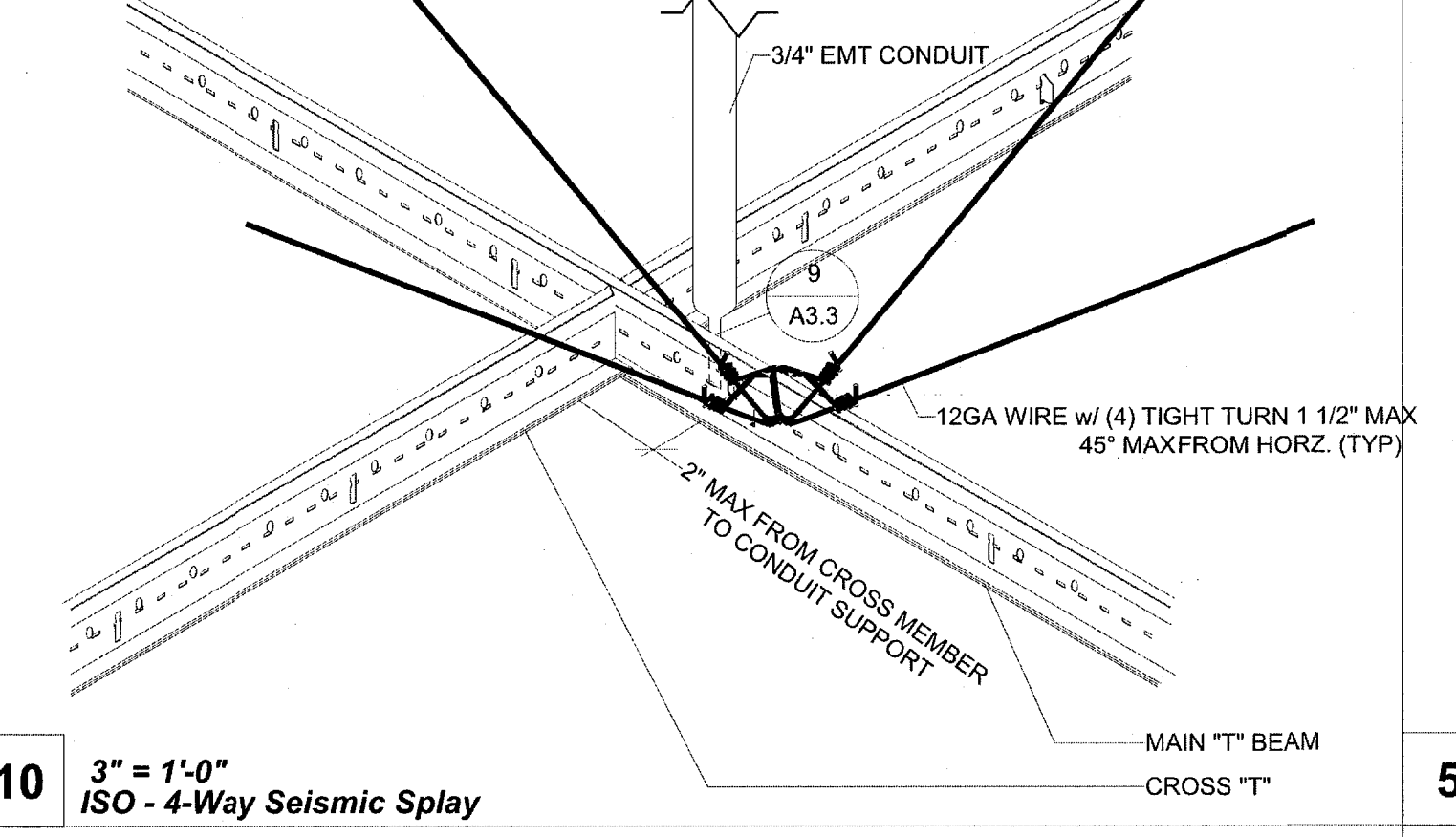
11 1" = 1'-0" ISO - Duct Connection



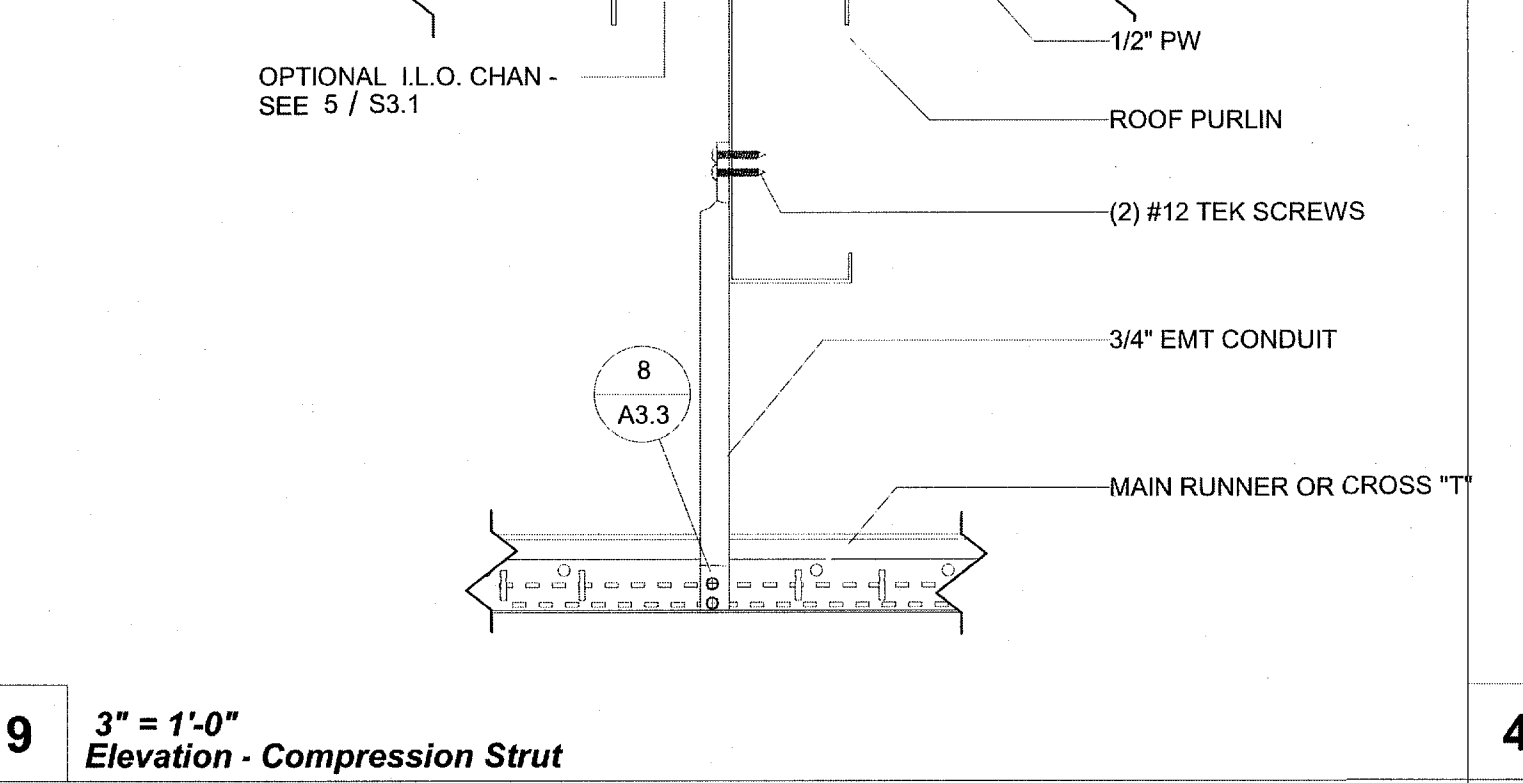
10 3" = 1'-0" ISO - 4-Way Seismic Splay



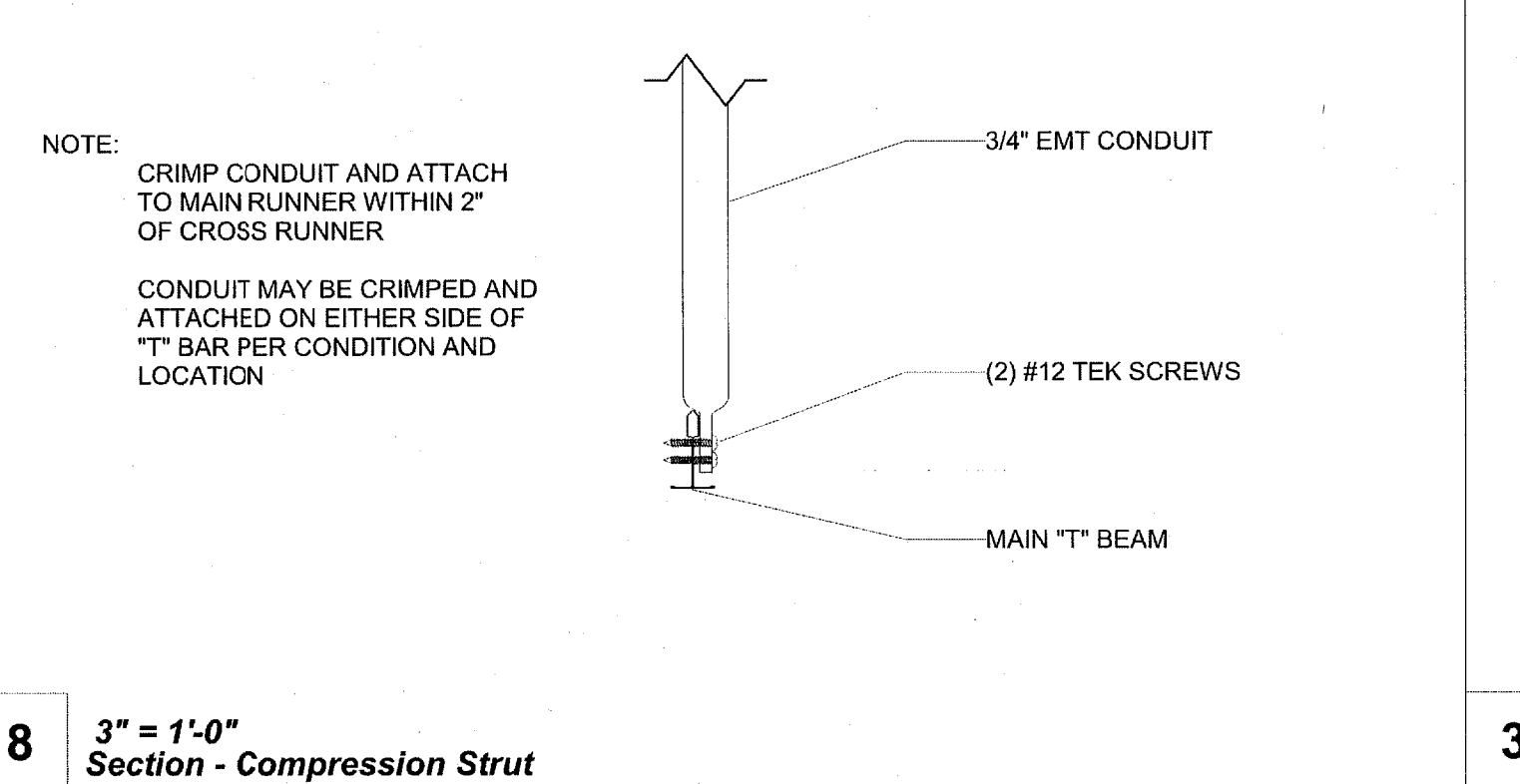
9 3" = 1'-0" Elevation - Compression Strut



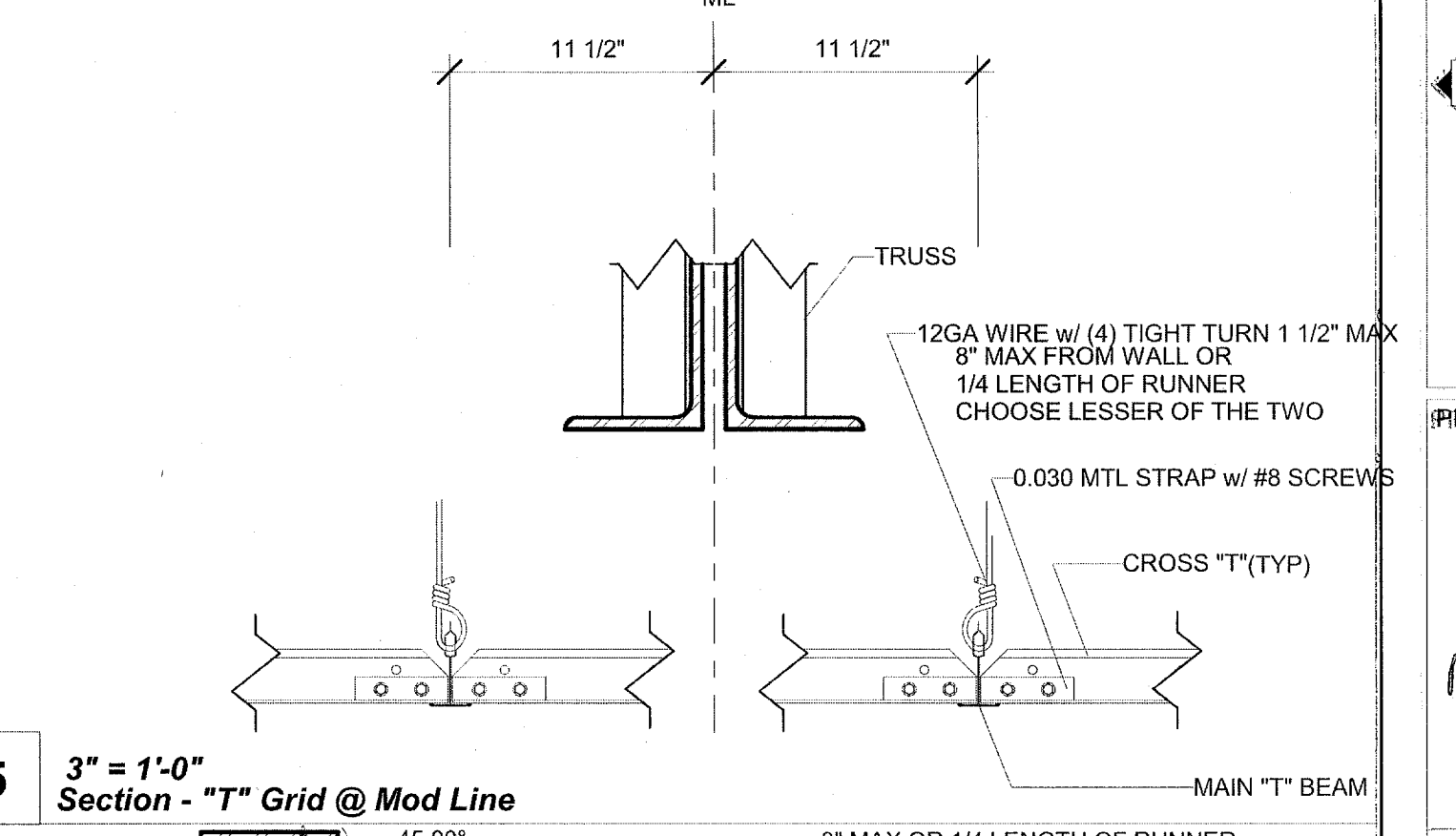
8 3" = 1'-0" Section - Compression Strut



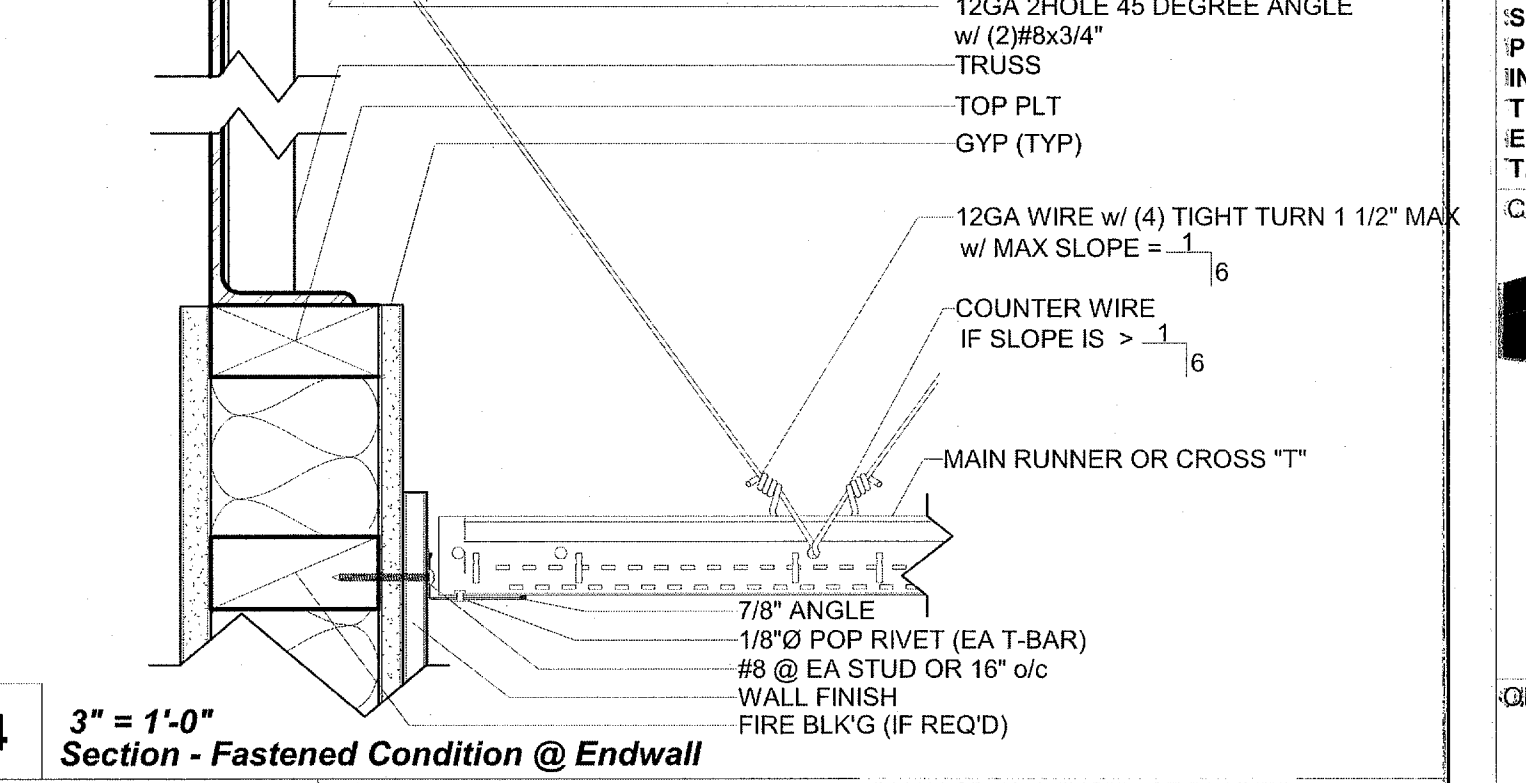
7 3" = 1'-0" Fixed Condition w/ 2" Angle



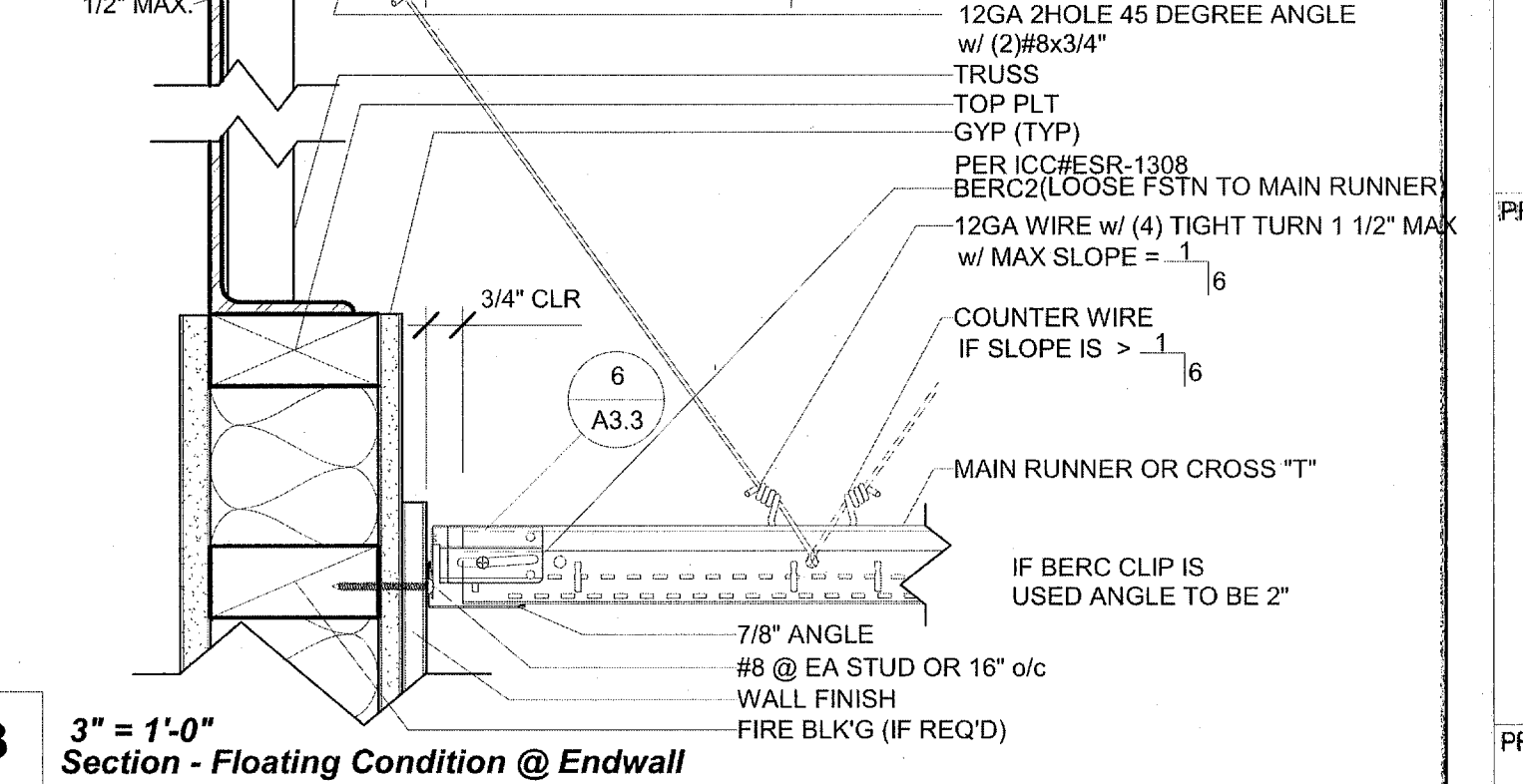
6 3" = 1'-0" Floating Condition w/ 2" Angle



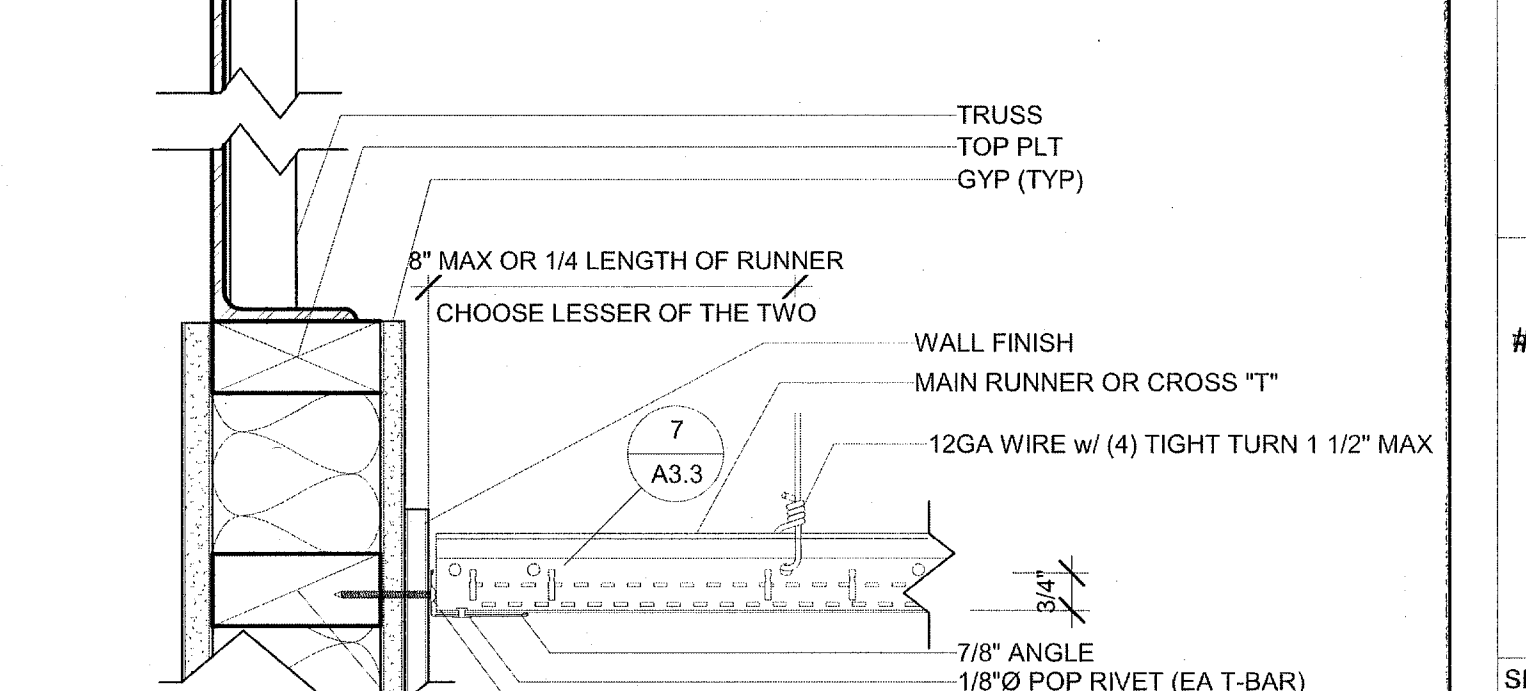
5 3" = 1'-0" Section - "T" Grid @ Mod Line



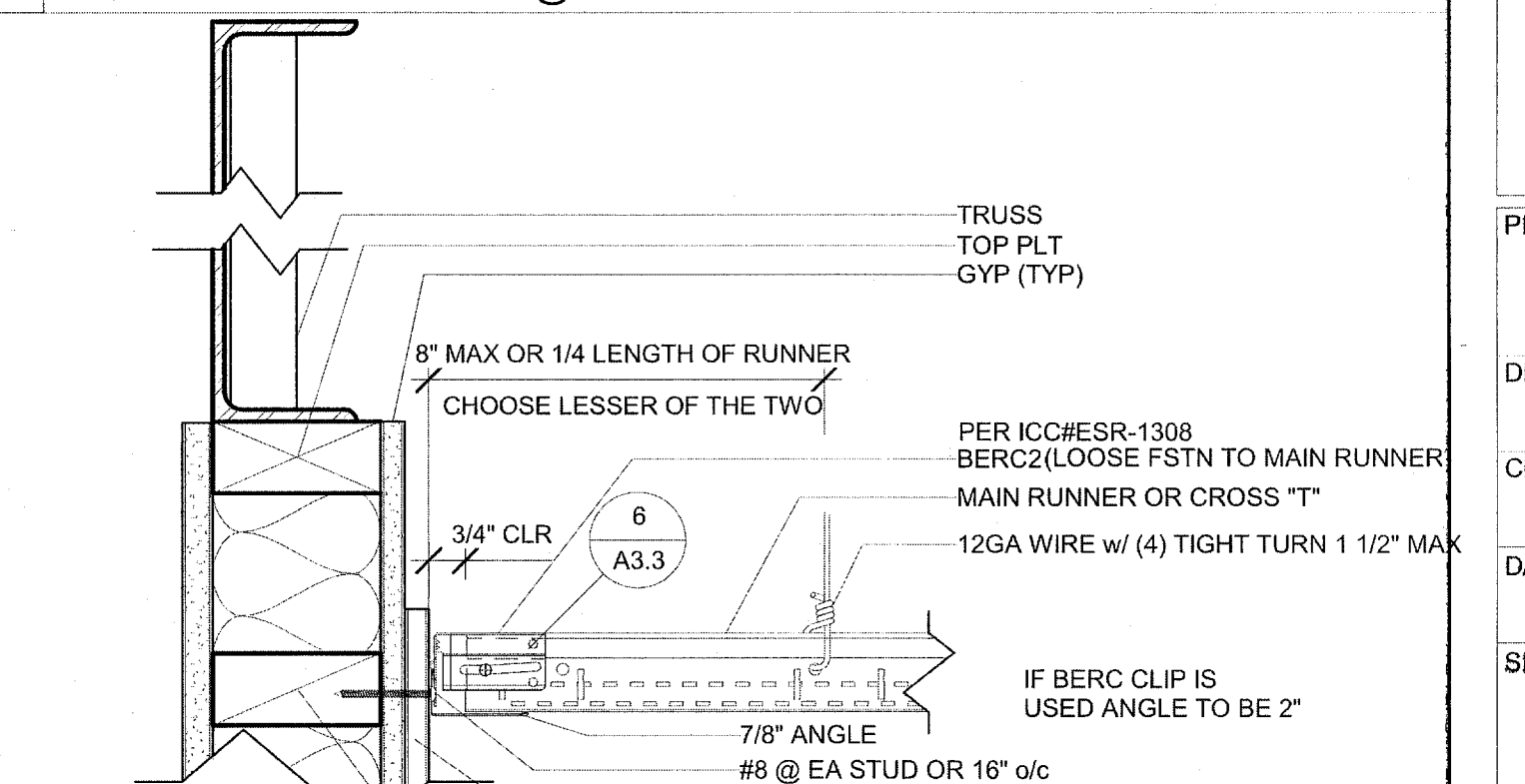
4 3" = 1'-0" Section - Fastened Condition @ Endwall



3 3" = 1'-0" Section - Floating Condition @ Endwall



2 3" = 1'-0" Section - Fastened Condition @ Sidewall



1 3" = 1'-0" Section - Floating Condition @ Sidewall

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

PROFESSIONAL STAMP

12/19/2017

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CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INC#: 0
AC, RM, FLS, EA, SS, KER
DATE: 07/19/2018

PROJECT TITLE
24' x 40' EXPANDABLE TO 120' x 40'
PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118239
ACS, FLS, SS, KER
DATE: MAR 07 2018

Revision Schedule

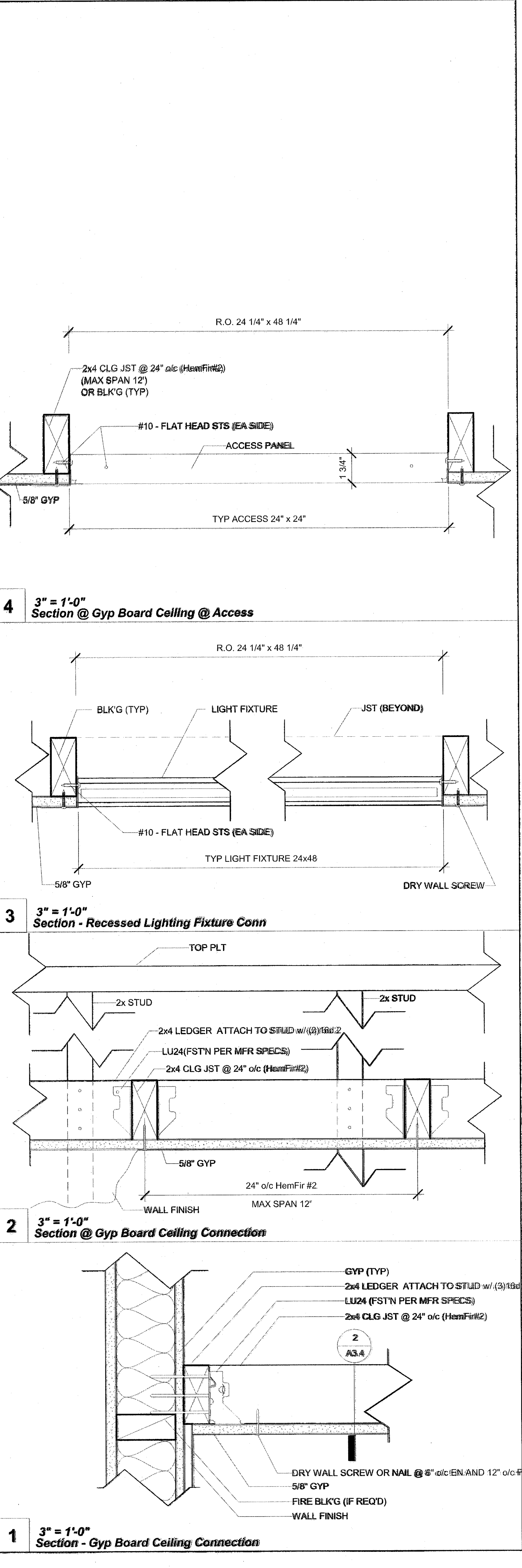
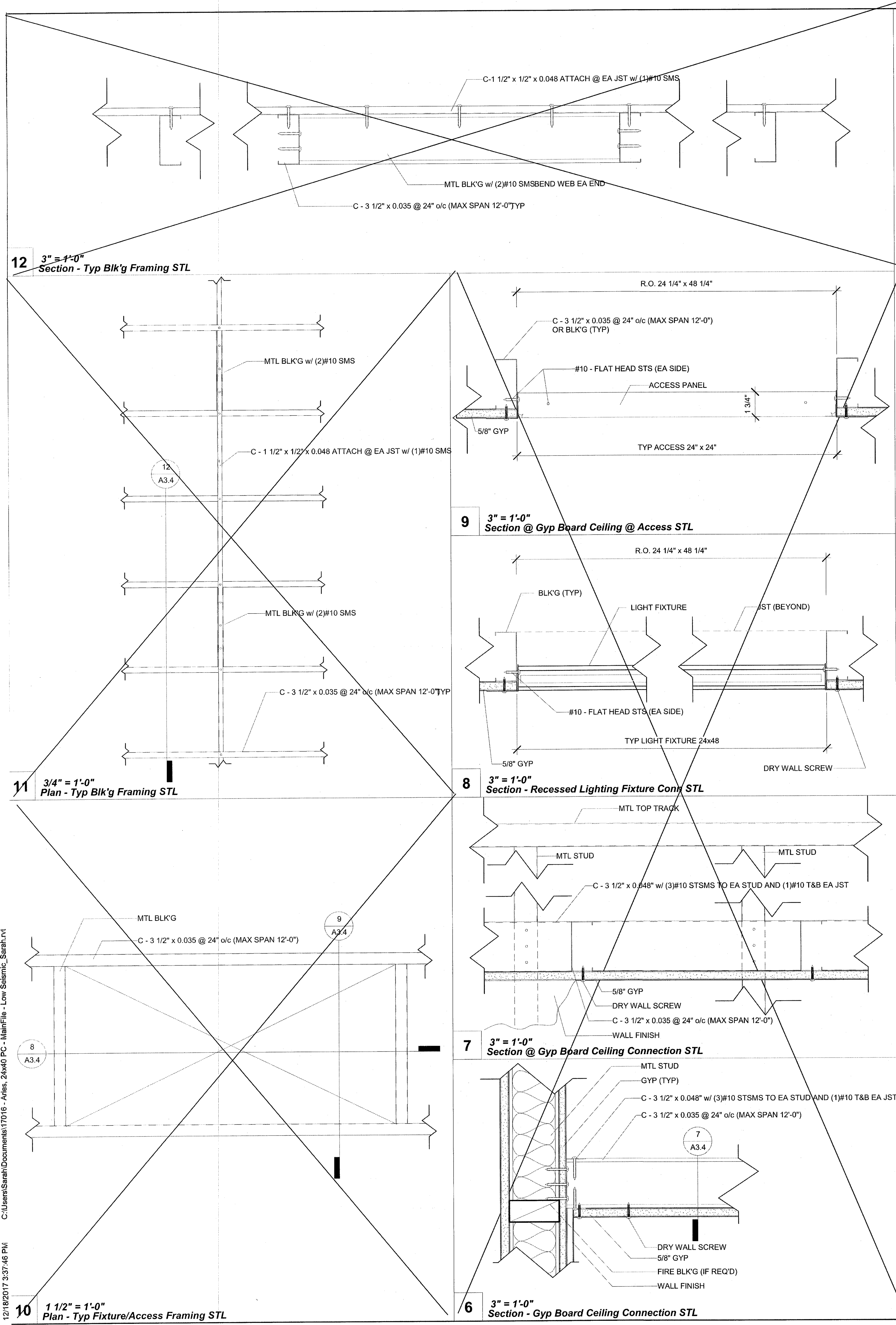
#	Description	Date

SHEET TITLE
CEILING DETAILS (T-GRID)

PROJECT NUMBER
17016A
DRAWN BY
rMe/SG
CHECKED BY
JA/RT
DATE
2017/06/05

SHEET NO.
A3.3

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IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

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12/19/2017

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LEASING LLC
1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC, RM, FLS, EA, CSR, KER
DATE: 07/19/2018

PROJECT TITLE
**24' x 40'
EXPANDABLE TO
120' x 40'**

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A separate project application for construction is required.

PROJECT-SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118239
ACS, PLS, SS
DATE: MAR 07 2018

Revision Schedule

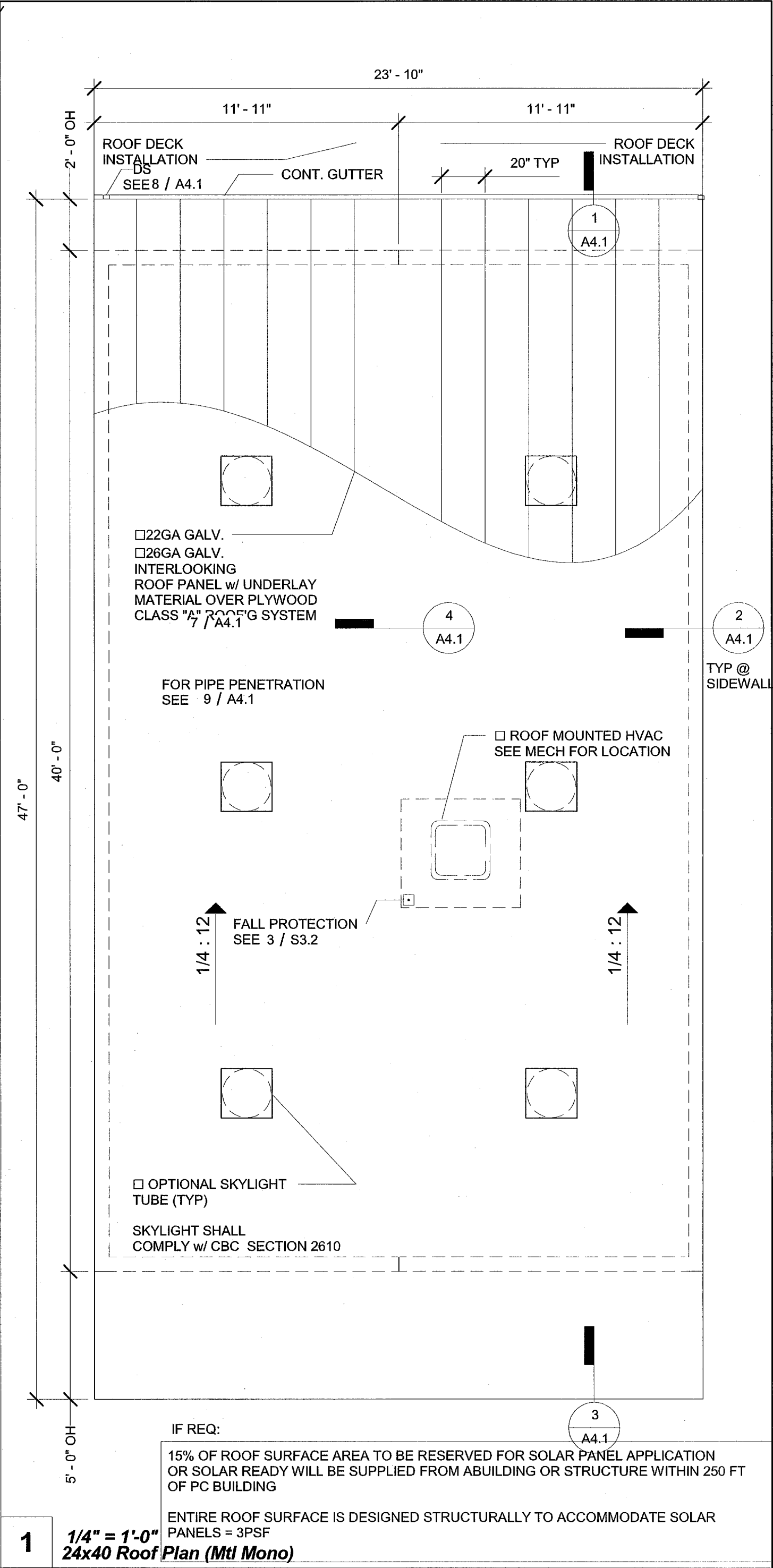
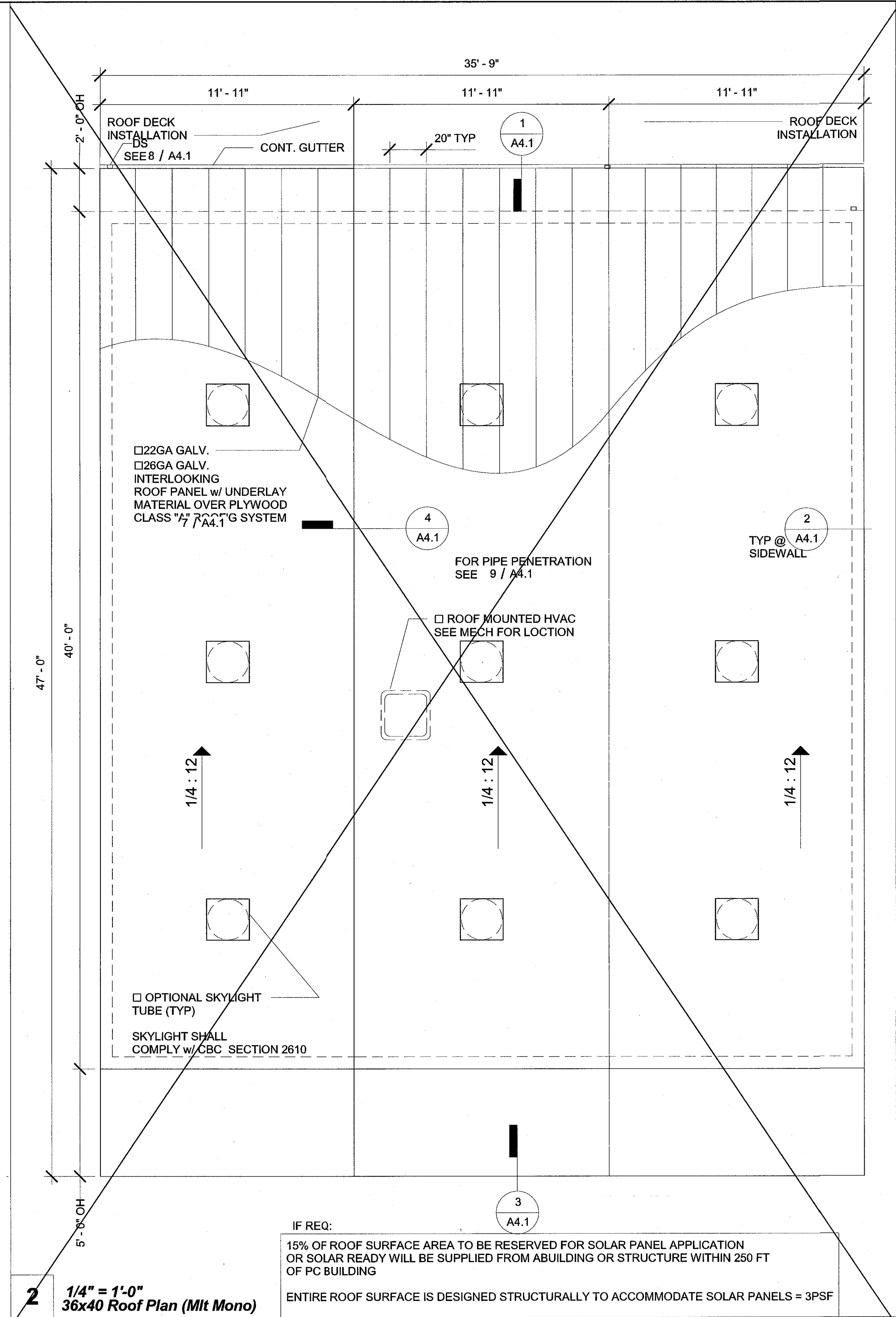
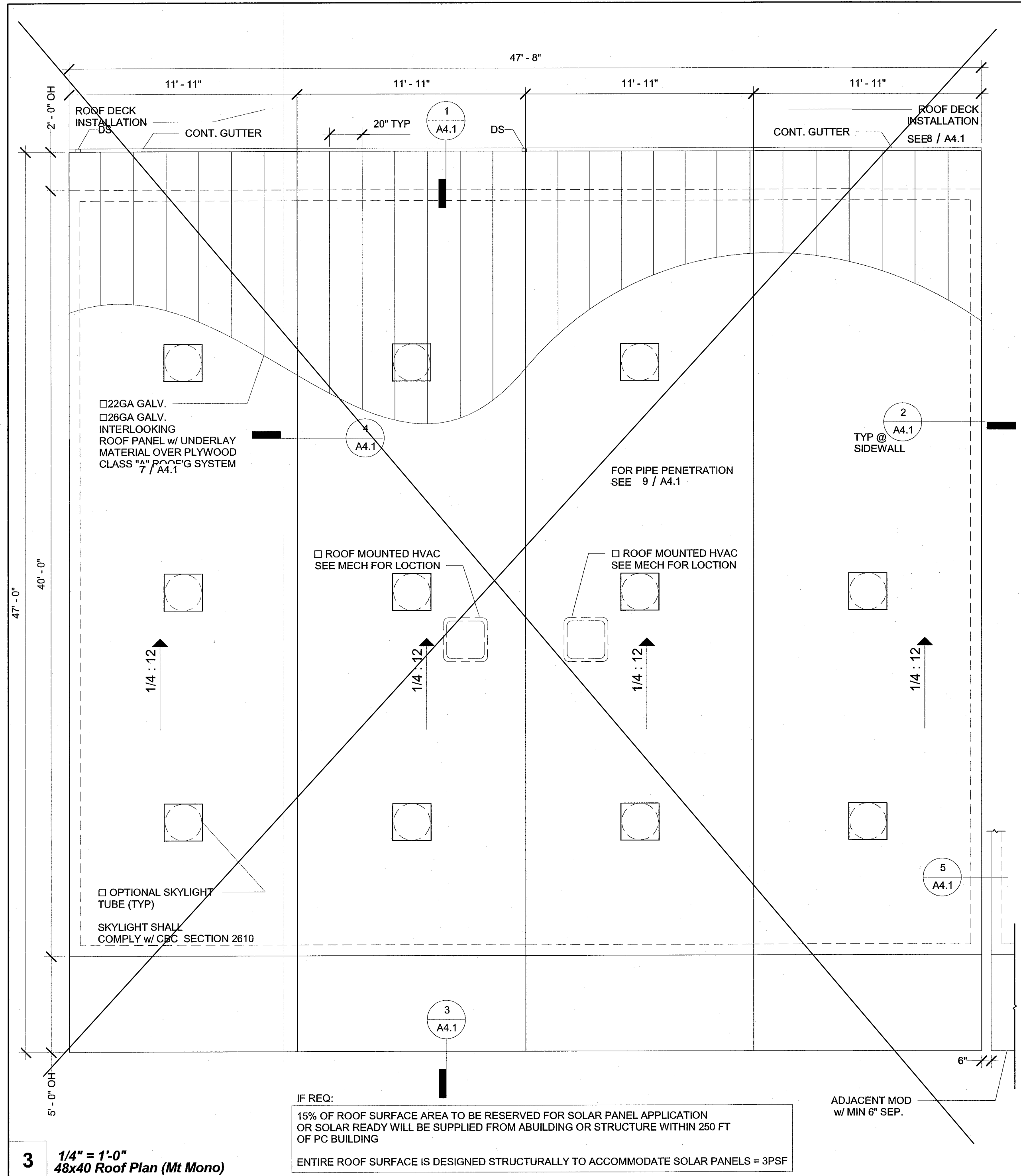
#	Description	Date

SHEET TITLE
**CEILING DETAILS
(GYP BOARD)**

PROJECT NUMBER
17016A
DRAWN BY
rMc/SC
CHECKED BY
JA/RT
DATE
12/03/2018

SHEET NO.
A3.4
SHEET OF SHEETS

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NOTE: PER CBC 1015.6 - EXCEPTION, GUARDRAILS ARE NOT REQUIRED WHERE PERMANENT FALL RESTRAINT ANCHORAGE DEVICES ARE AFFIXED & SHALL BE PLACED NOT MORE THAN 10FT FROM THE ROOF EDGE.

PV AREA FOR FIRE ACCESS REQ'T (PER IR 16-8)

3.2.1 General Requirements: A PV System shall be typically considered equipment. There is typically not an occupancy group classification, building area limitation, or type of construction assignment to a PV system.

a) PV equipment supported by non-combustible framing installed in locations dedicated for building frontage used for area increases per California Building Code (CBC), Chapter 5, Section 506, shall be limited in size and may be allowed on a case by case basis. Maximum area that may be allowed for such systems shall not exceed 1/3 of the horizontal projected area of each frontage.

b) Open sided PV systems and framing that are non-combustible and without use underneath may be considered equipment and may be placed next to DSA IR 16-8 Solar Photovoltaic and Thermal (updated 01-25-17) Systems Review and Approval Requirements Page 11 of 19 property lines. Signs may be required on or near the system prohibiting any use or storage underneath the equipment.

c) Combustible PV systems and framing and those with use underneath such as for assembly or parking, may need to comply with 2010 CBC, Table 602. These structures may include those that do and that do not have a roof underneath the PV system.

d) PV systems (both the frame and the array) shall not be placed in fire department access roads. (Per Title 24 CCR, Division 1, Chapter 1, Section 3.05 and 2010 CFC Chapter 5, Section 503.)

e) Access to a public way or safe dispersal area shall not be obstructed by the system or system framing. (CBC 1027.6 and 442.3)

f) PV systems that cover a lunch area or similar (occupant load less than 50), that are not used for assembly purposes shall be considered equipment. Playgrounds would also fall into this category regardless of total occupant load.

g) Any PV system that is installed above an assembly use (i.e. Group A-3 or A-5 occupancy classification) shall be considered an open sided building structure and all or portions of CBC provisions apply on a case by case basis. Such areas might include an outdoor amphitheater, bleacher or grandstand seating with concentrated occupant loads and heavy use.

h) Fire Department concern for the installation of roof mounted PV systems will be addressed by DSA review to the State Fire Marshal Solar Photovoltaic Installation Guideline available at:
<http://osfm.fire.ca.gov/pdf/reports/solarphotovoltaicguideline.pdf>

i) When a PV system, without riser framework, is installed directly on a rated roof assembly with a required classification greater than "Class C" found in CBC, Chapter 15, and f

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APP: 02-121488 INC:
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DATE: 6/29/2023

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12/19/2017

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LEASING LLC
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Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128

AC_RM_FLS_EA_SSR_KER
DATE: 07/19/2018

PROJECT TITLE
**24' x 40'
EXPANDABLE TO
120' x 40'**

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL

AC_S_FLS_SSR_KER
DATE: MAR 07 2018

Revision Schedule

#	Description	Date

SHEET TITLE
**ROOF PLAN MONO
SLOPE (STANDING
SEAM)**

PROJECT NUMBER
17016A

DRAWN BY
rMc/SC

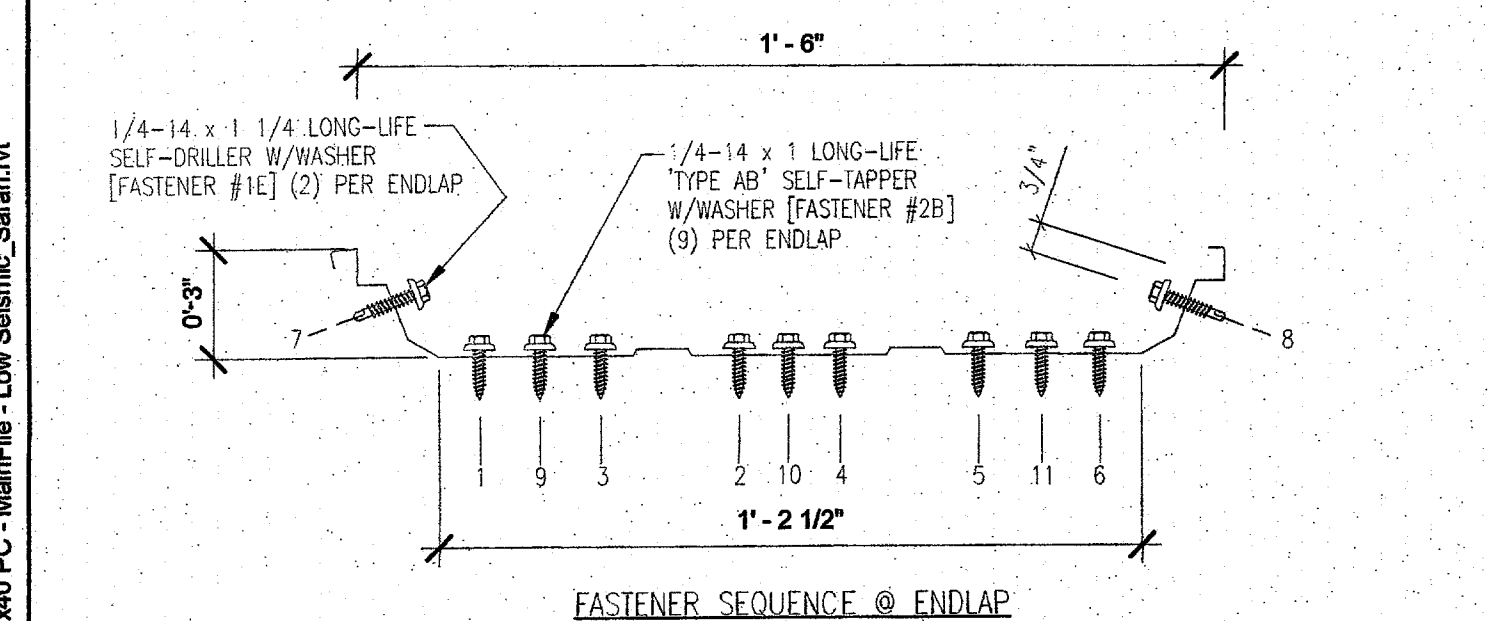
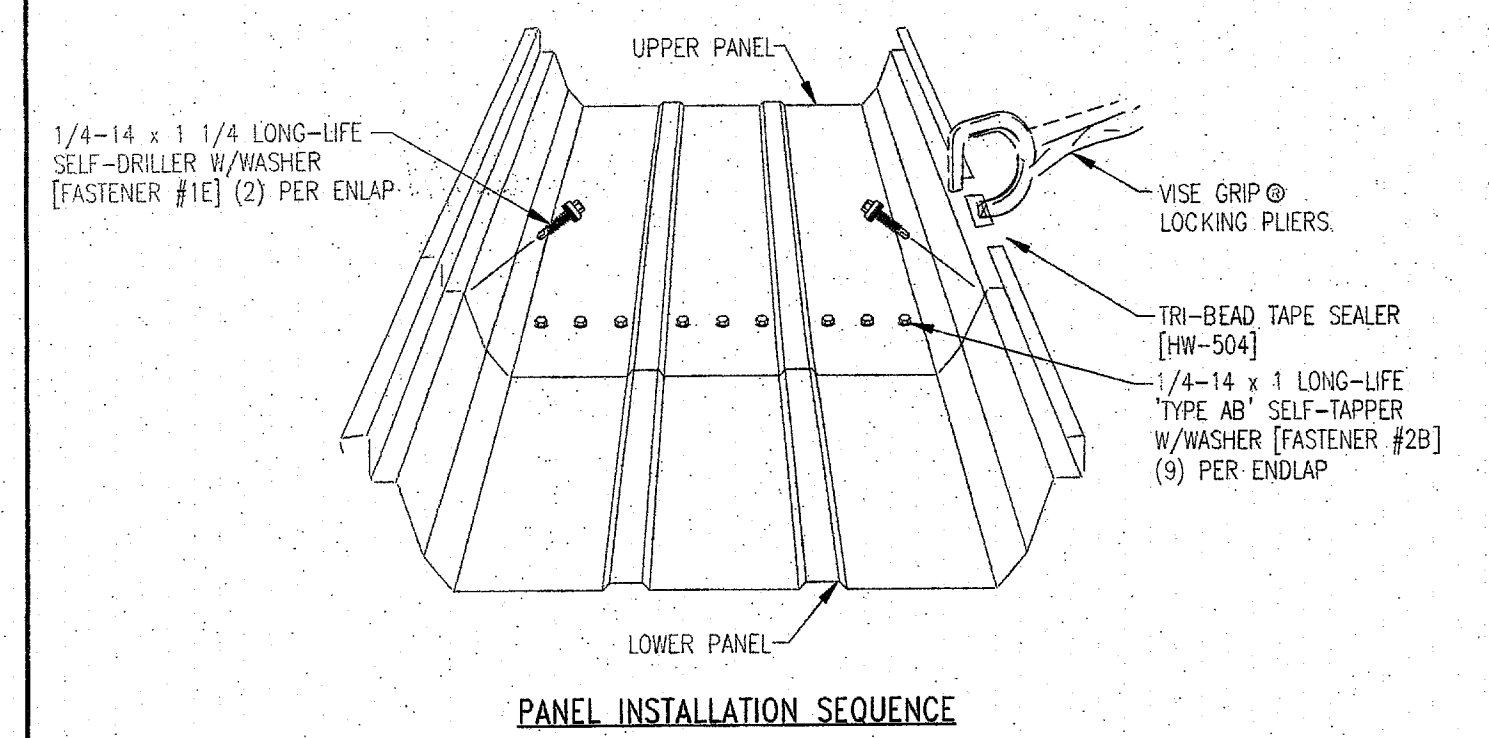
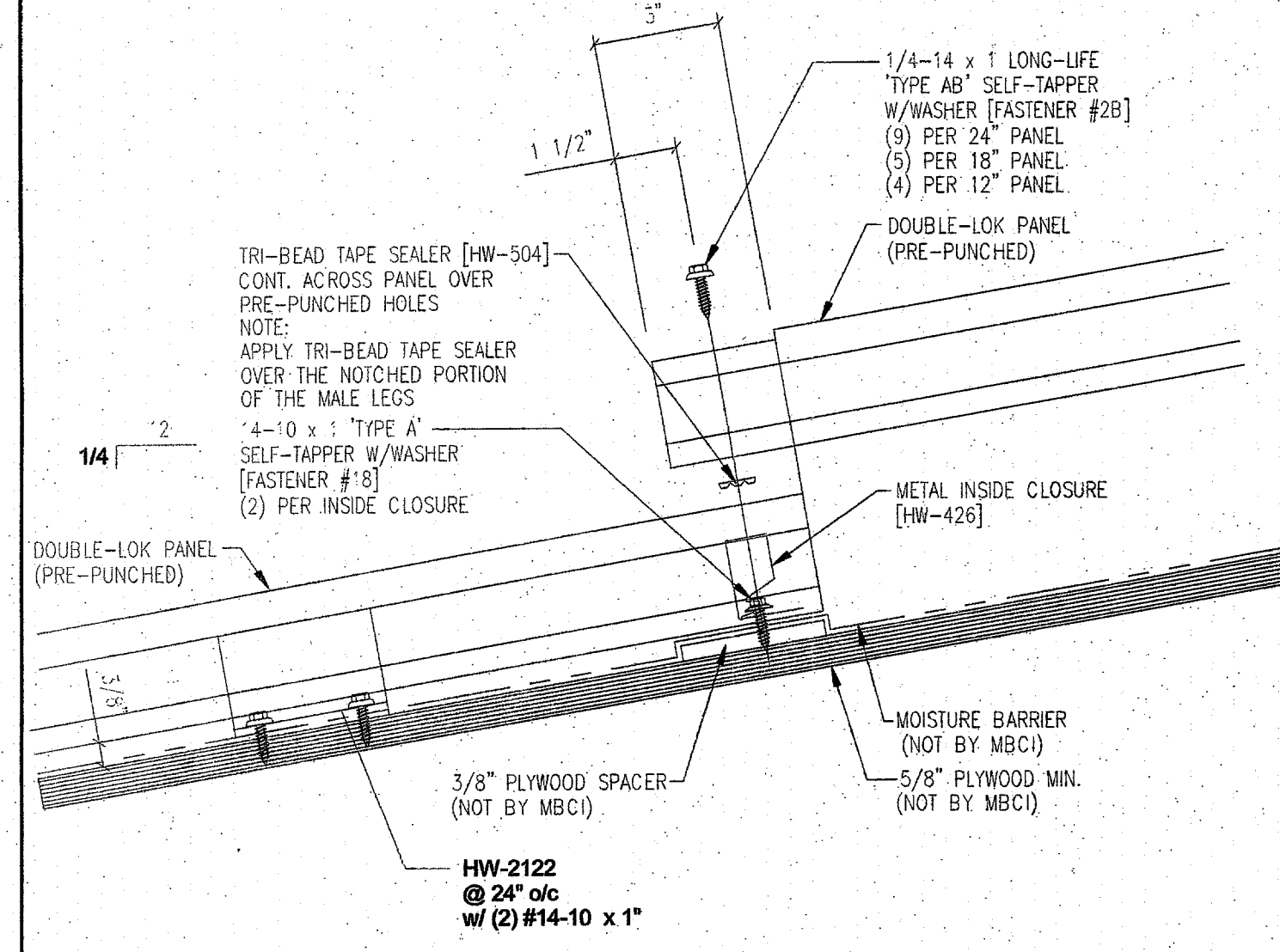
CHECKED BY
JA/RT

DATE
2017/06/05

SHEET NO.
A4.0.1
SHEET OF SHEETS

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Metal Inside Closure			
HW-426	1/2	EA	
HW-2122	5/2	EA	

DESCRIPTION	QUANTITY	UNIT	REMARKS
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HW-2122	5/2	EA	

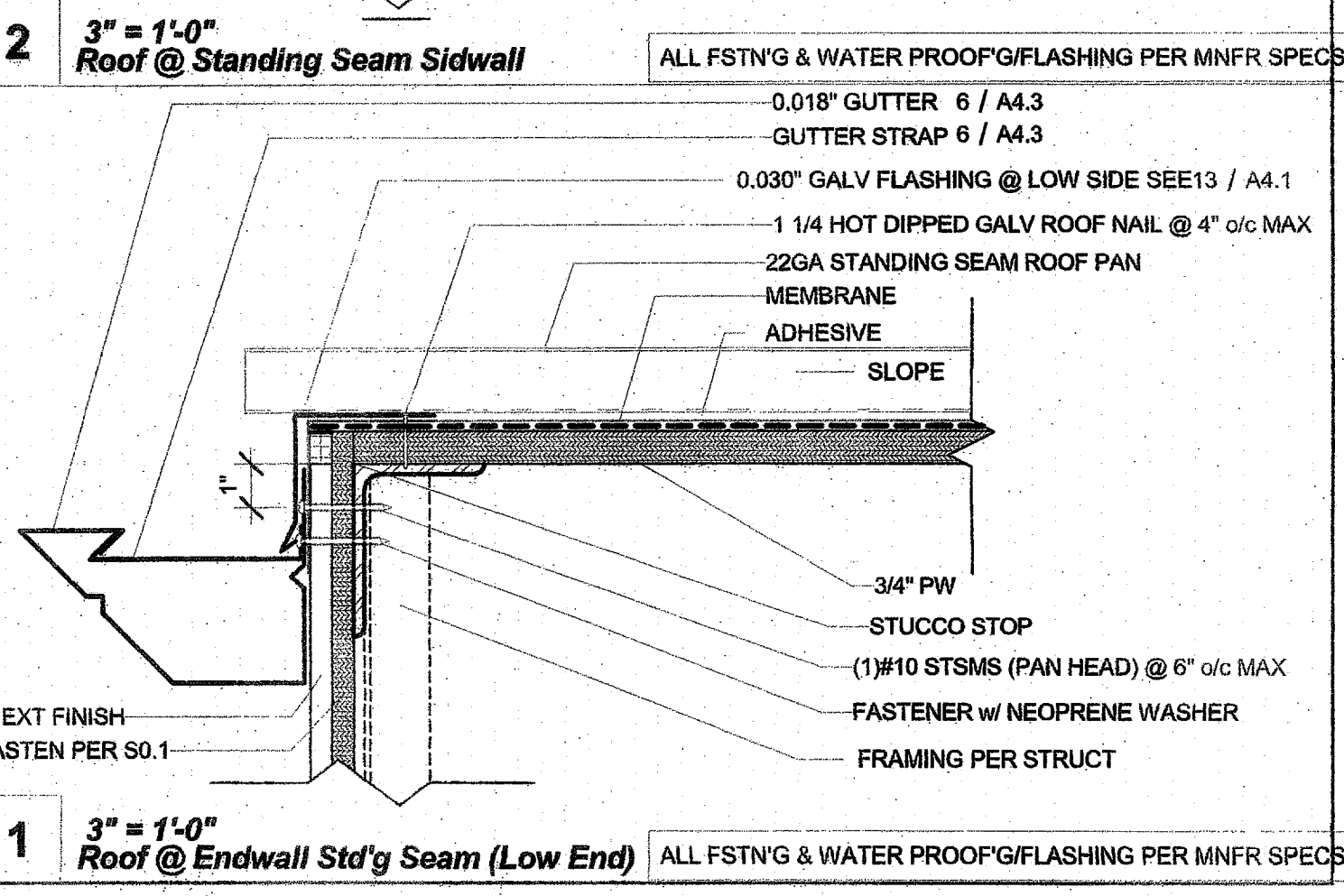
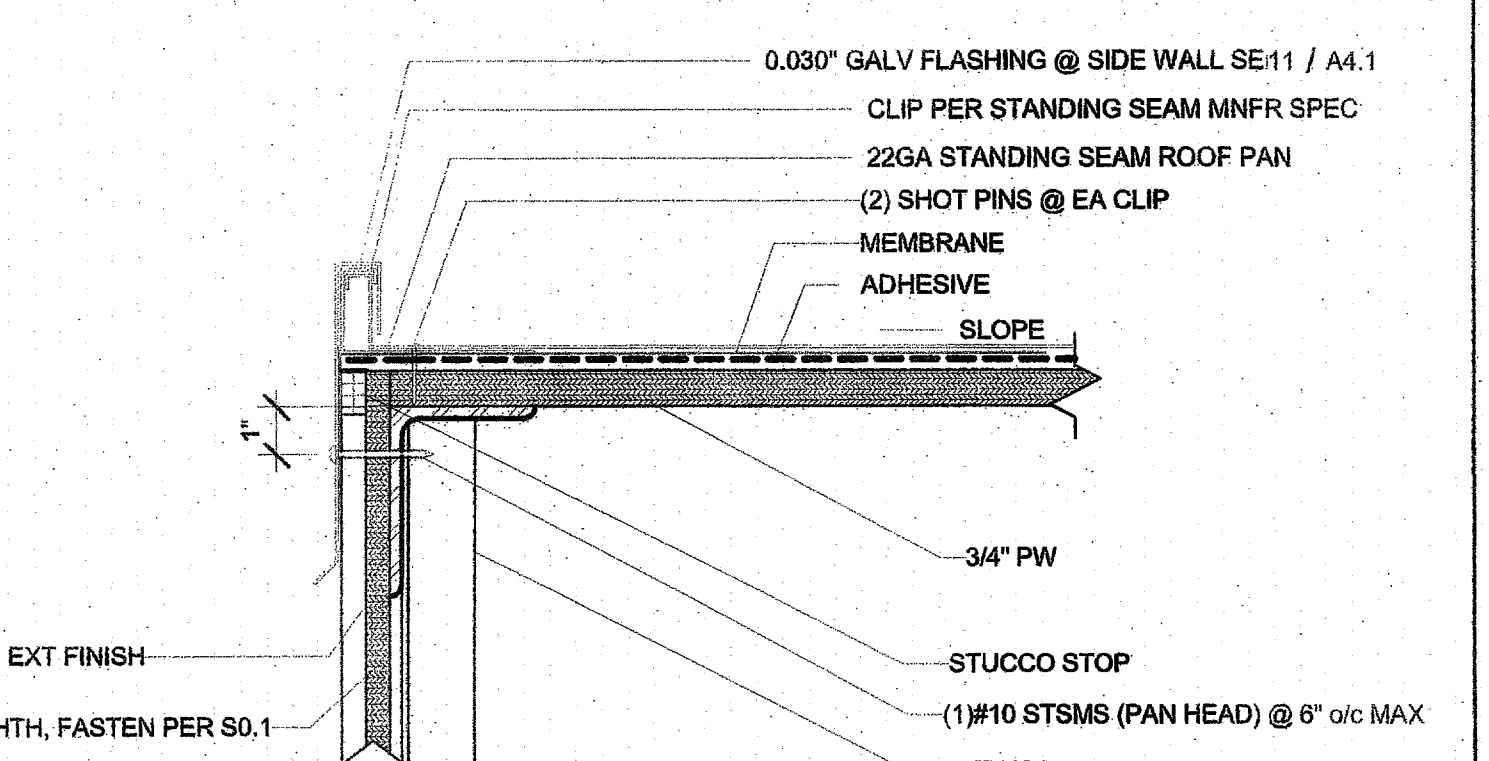
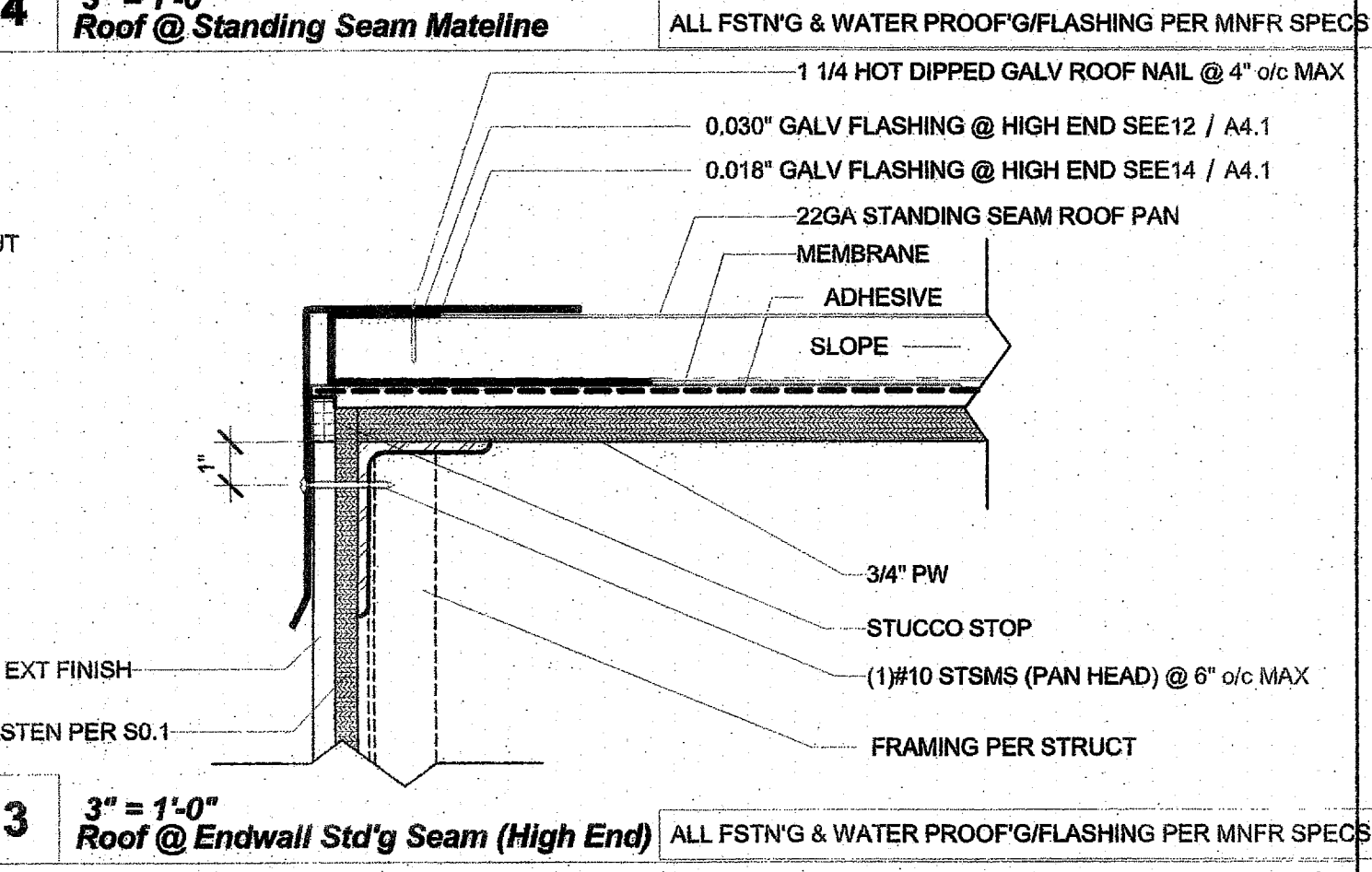
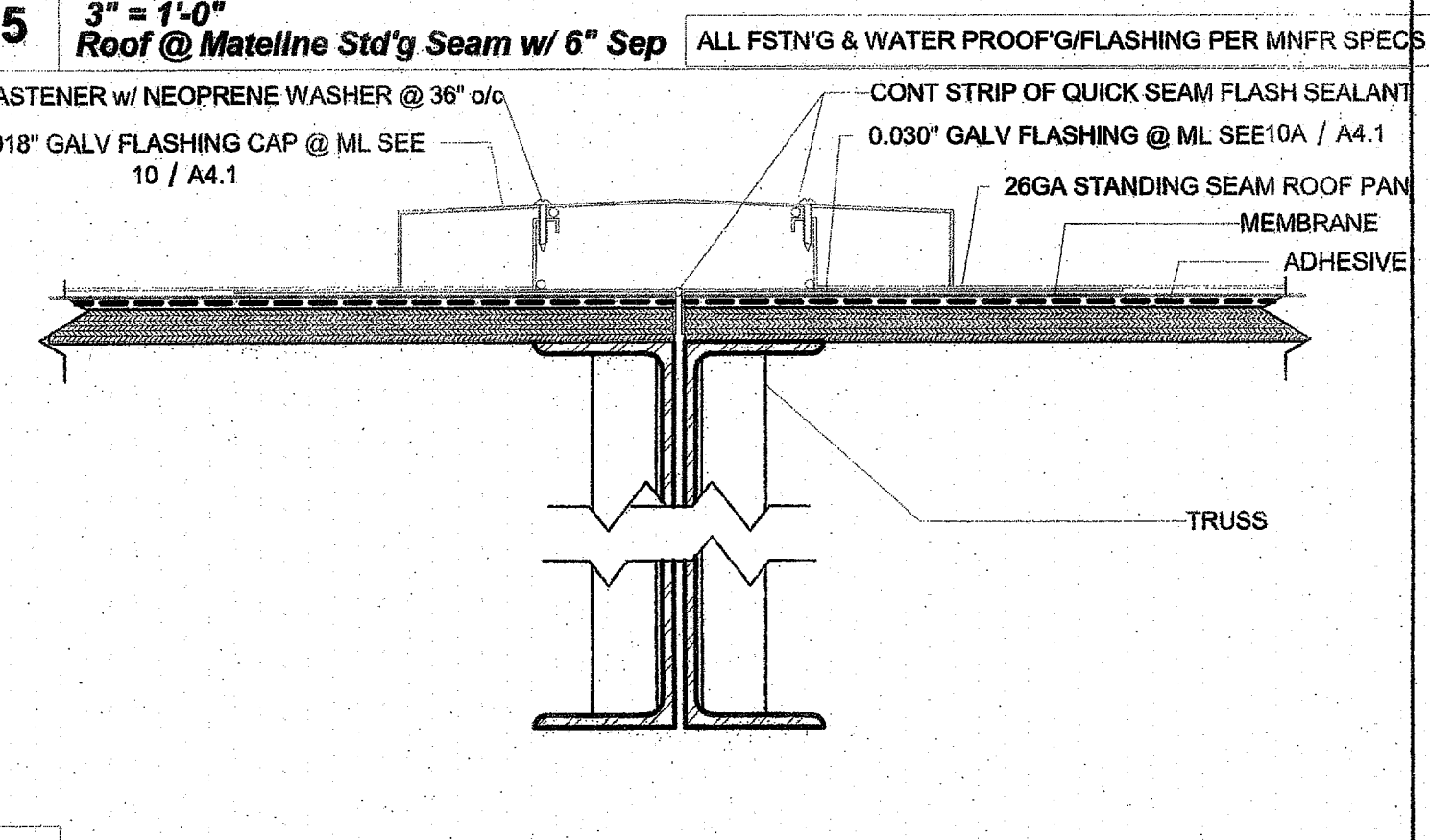
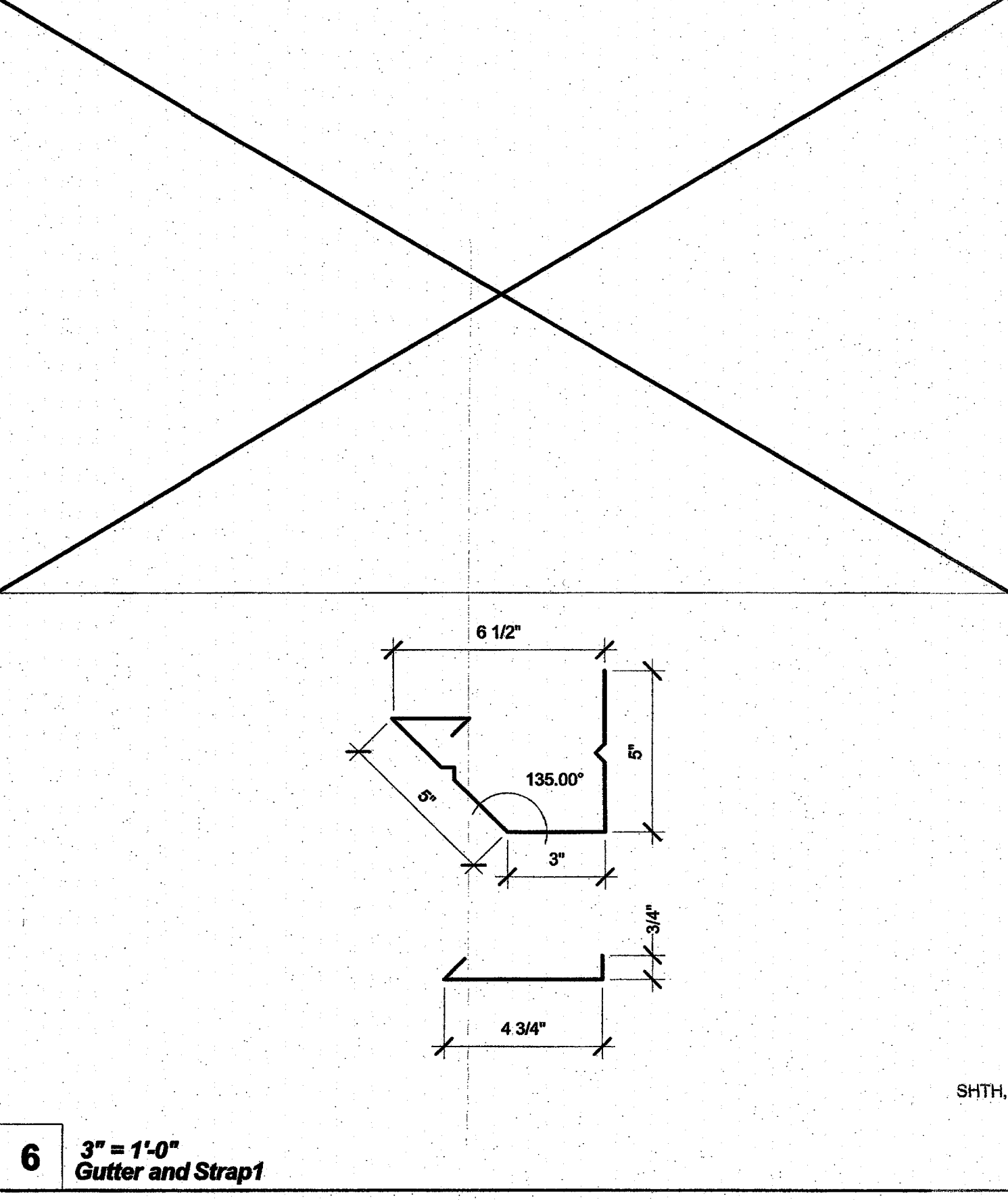
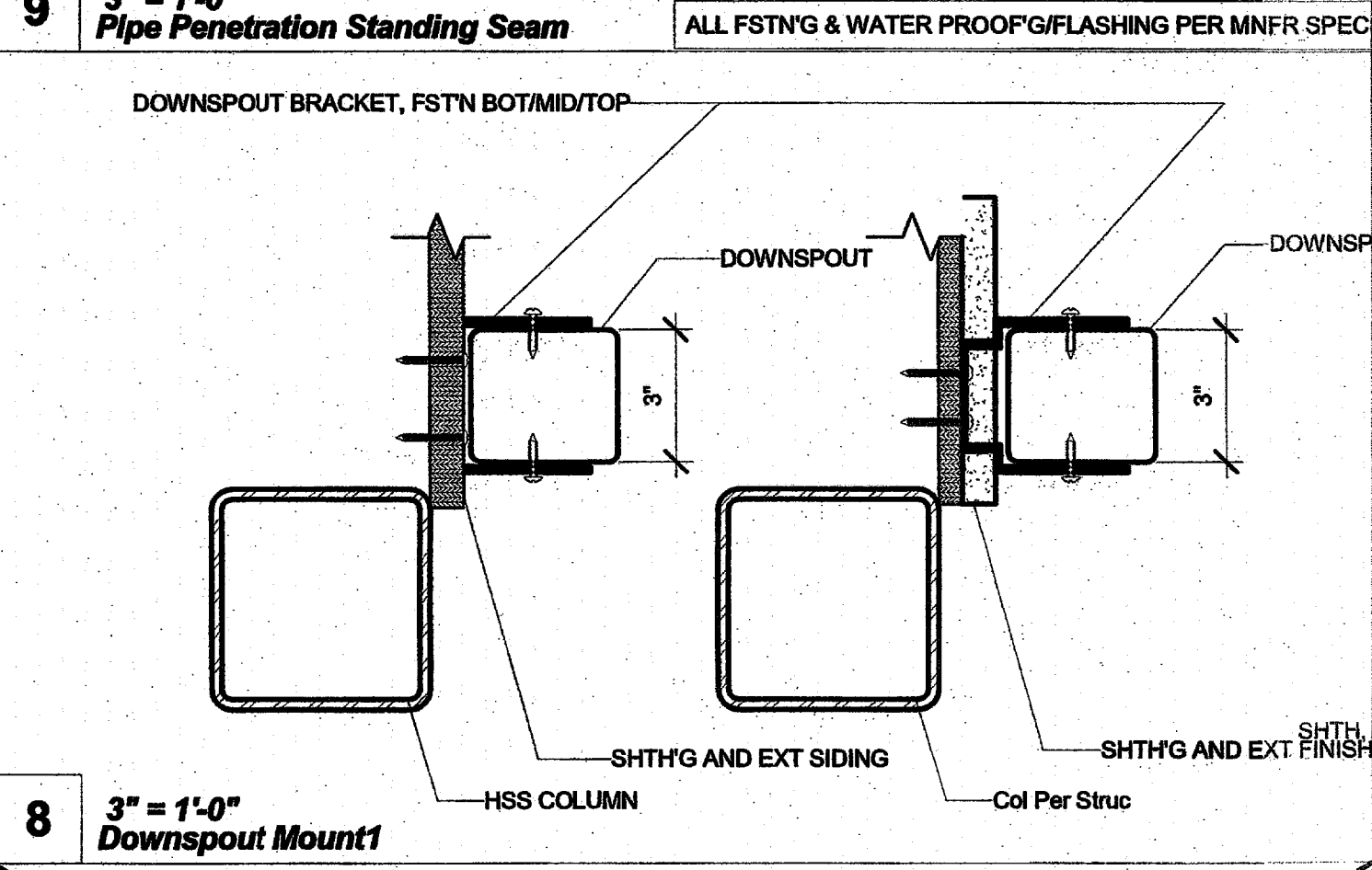
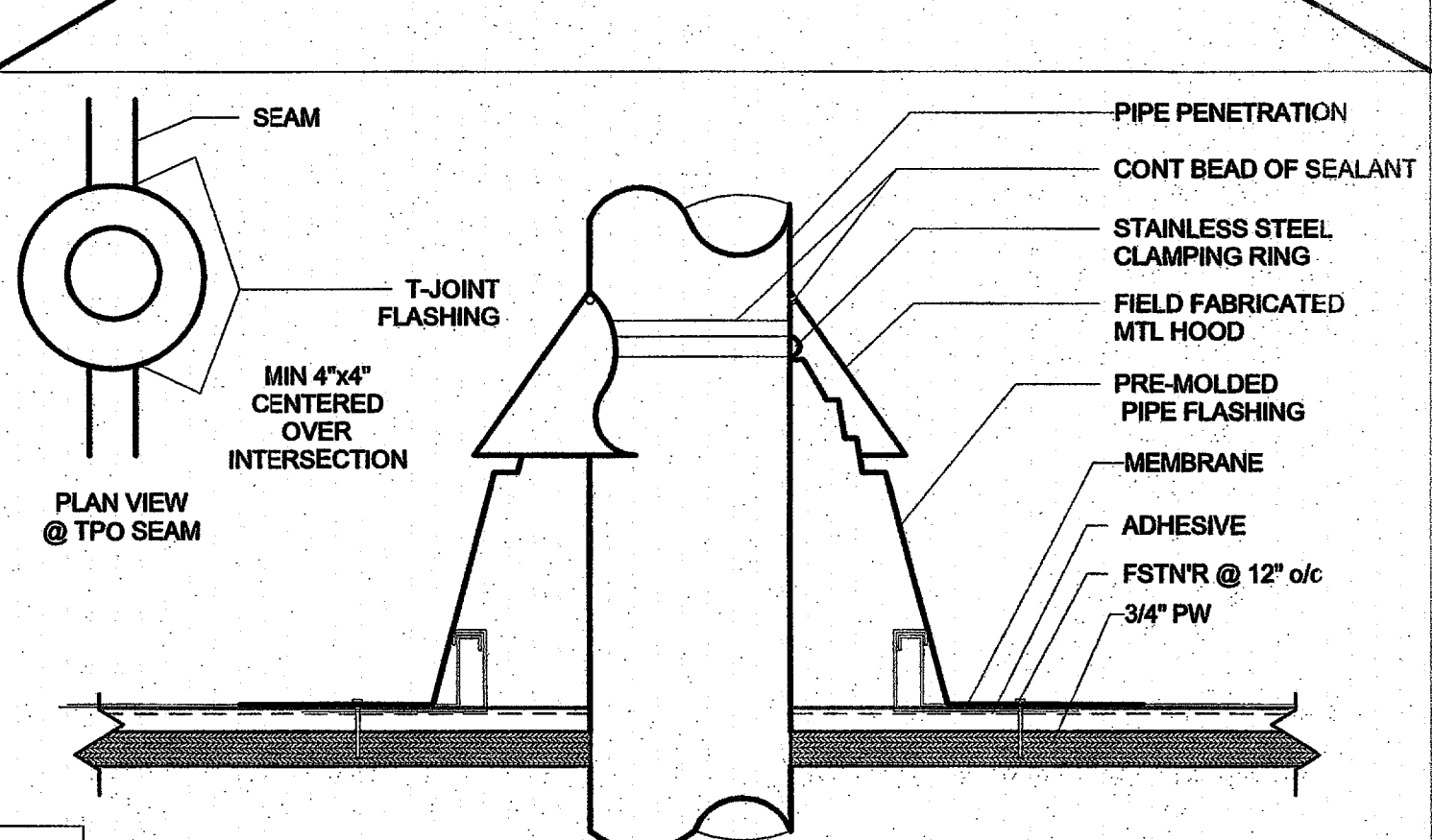
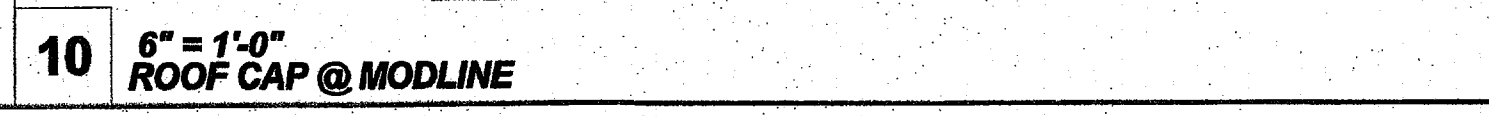
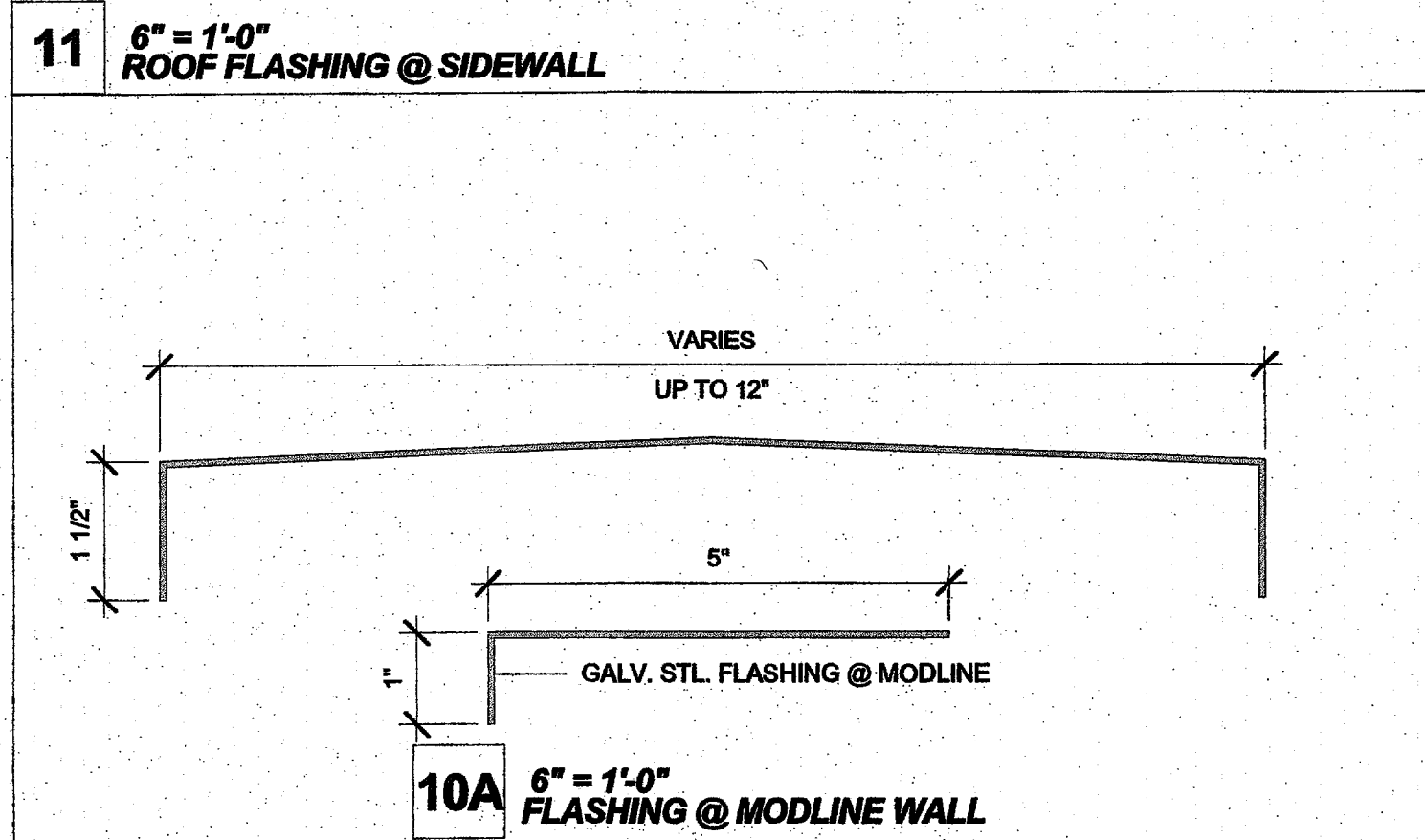
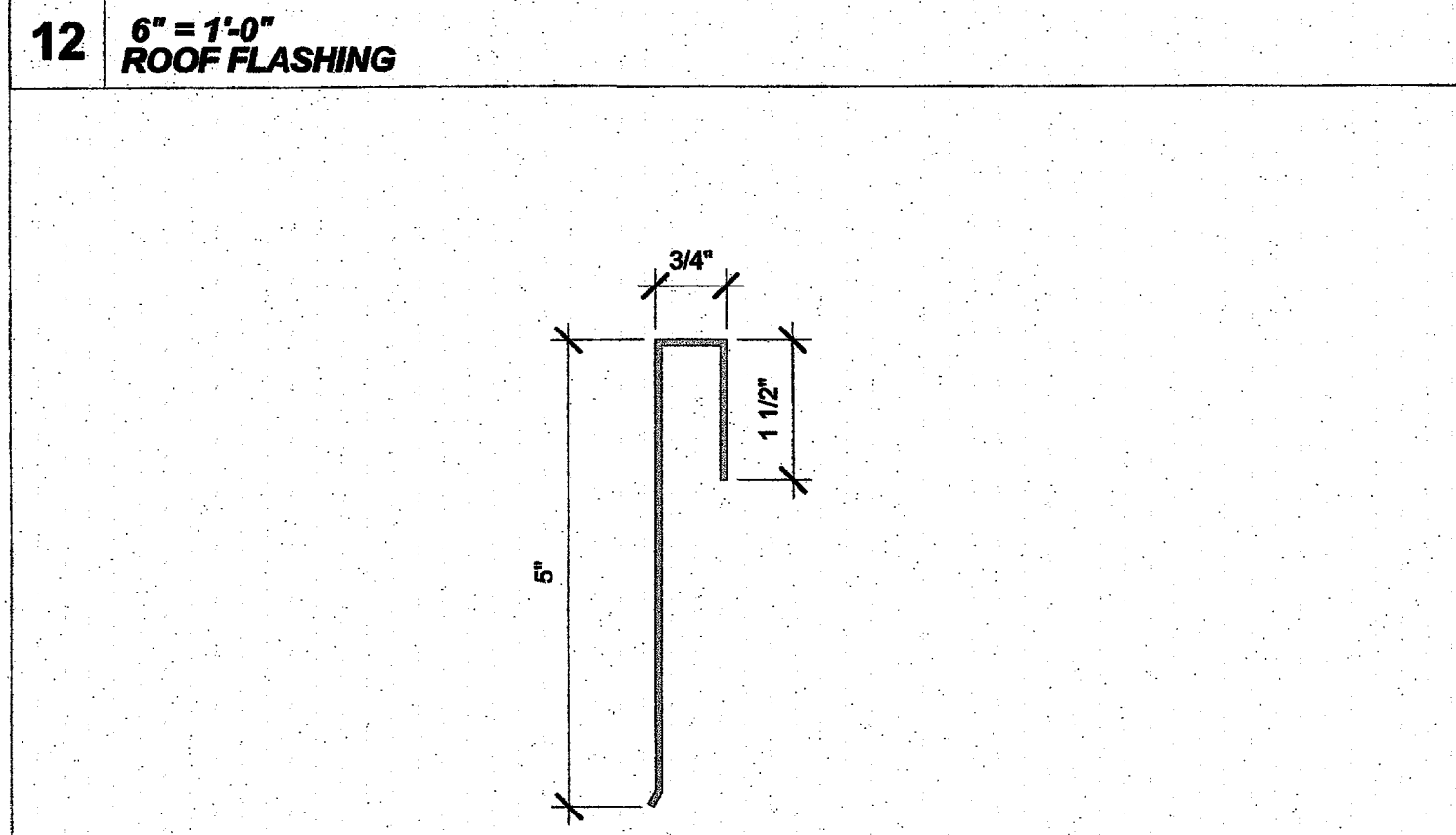
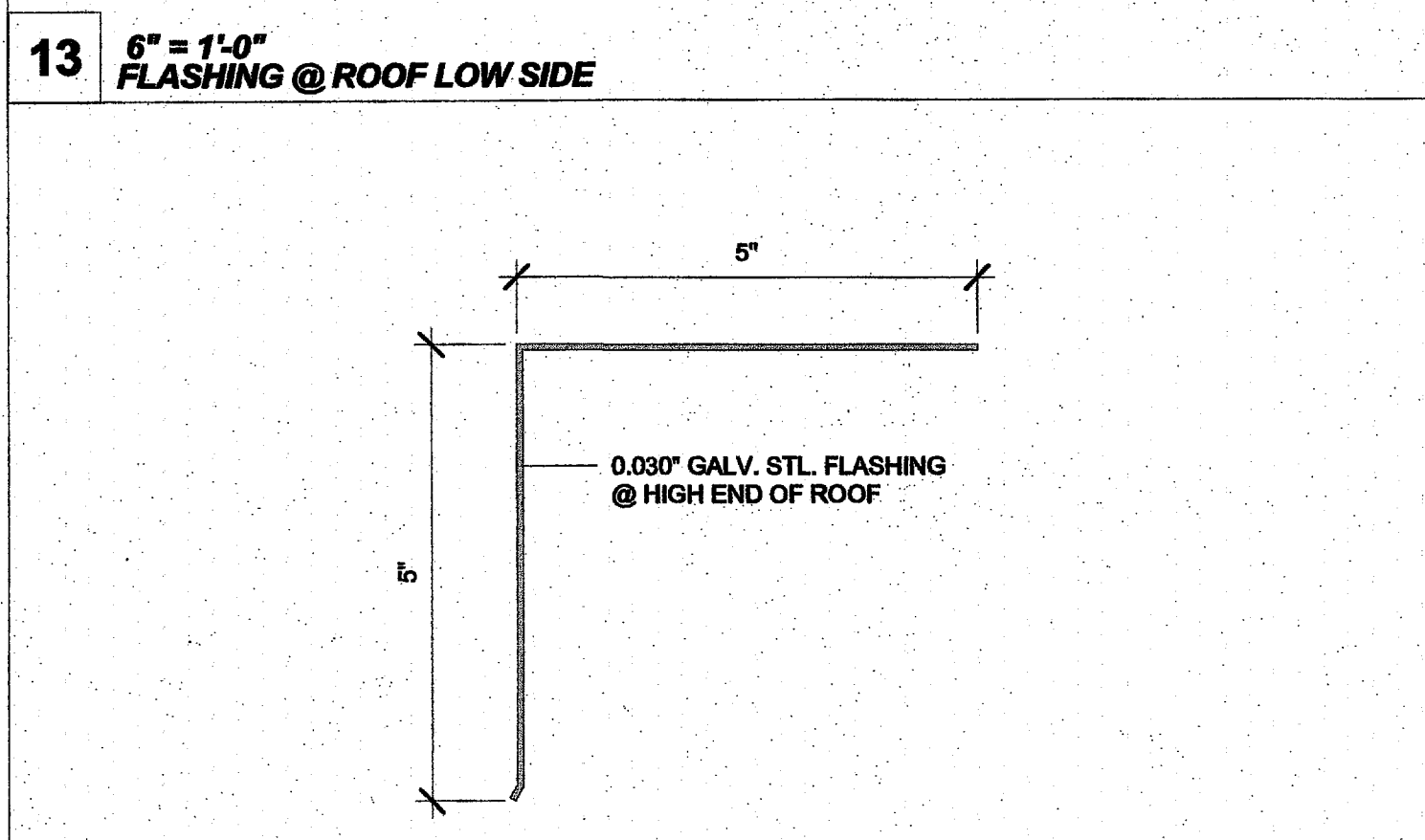
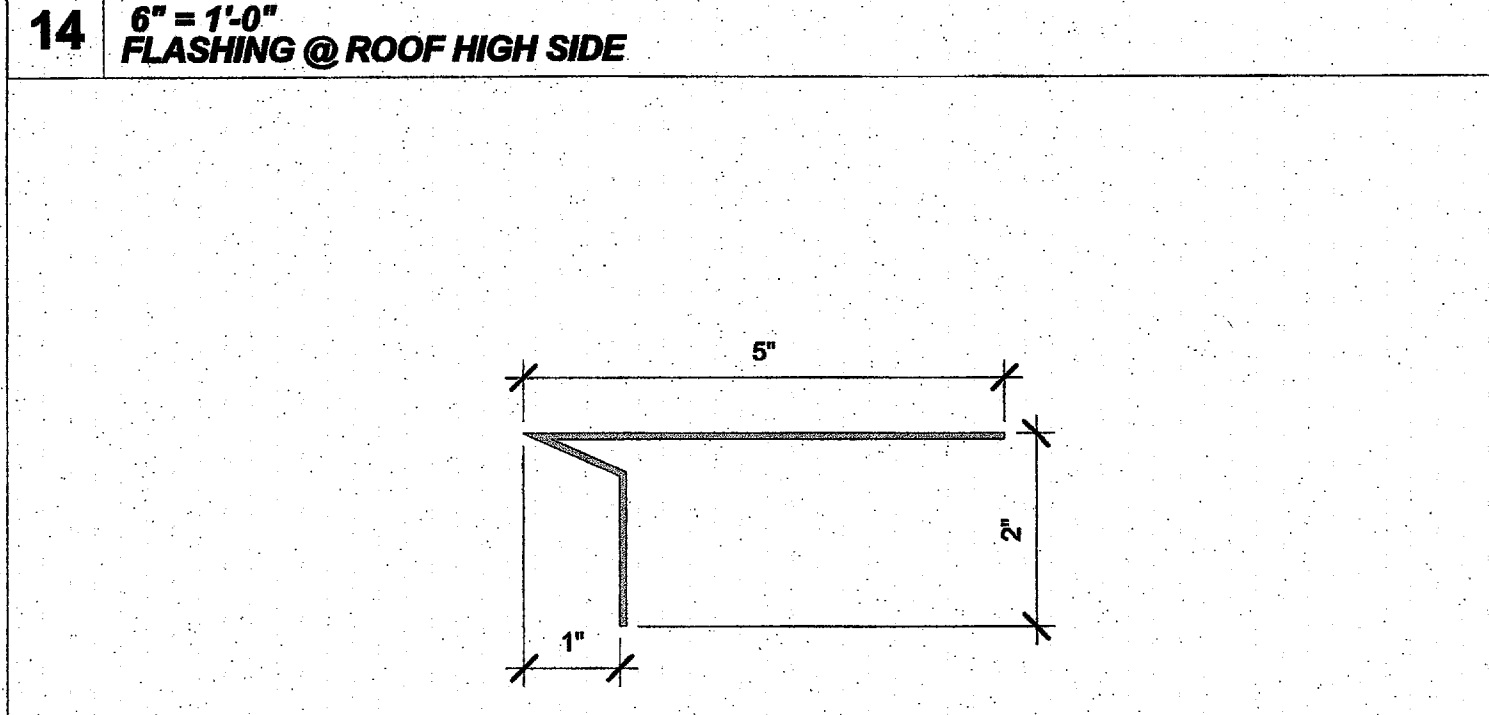


18" DOUBLE-LOK 22GA STANDING SEAM PANEL BY MBGI

NEG	POS
t = 0.0299"	t = 0.0299"
S _x = 0.1846 IN ⁴	S _x = 0.2154 IN ⁴
I _x = 0.2716 IN ⁴	I _x = 0.4968 IN ⁴
F _y = 50 KSI	F _y = 50 KSI

18" 26GA STANDING SEAM PANEL

NEG	POS
t = 0.018"	t = 0.018"
S _x = 0.1383 IN ⁴	S _x = 0.7560 IN ⁴
I _x = 0.351 IN ⁴	I _x = 0.351 IN ⁴
F _y = 33 KSI	F _y = 33 KSI



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

PROFESSIONAL STAMP
Manoel P. Fraga
REGISTERED PROFESSIONAL ARCHITECT
NO. 22380
STATE OF CALIFORNIA

12/19/2017
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CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLR EA SSR KER
DATE 07/19/2018

PROJECT TITLE
24' x 40' EXPANDABLE TO 120' x 40'
PRE-CHECK (PC) DOCUMENT
Code: 1 2016 JCB
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118239
ACS FLS SS
DATE MAR 07 2019

Revision Schedule

#	Description	Date

SHEET TITLE
ROOF DETAILS (STANDING SEAM)

PROJECT NUMBER
17016A

DRAWN BY
rMc/SC

CHECKED BY
JA/RT

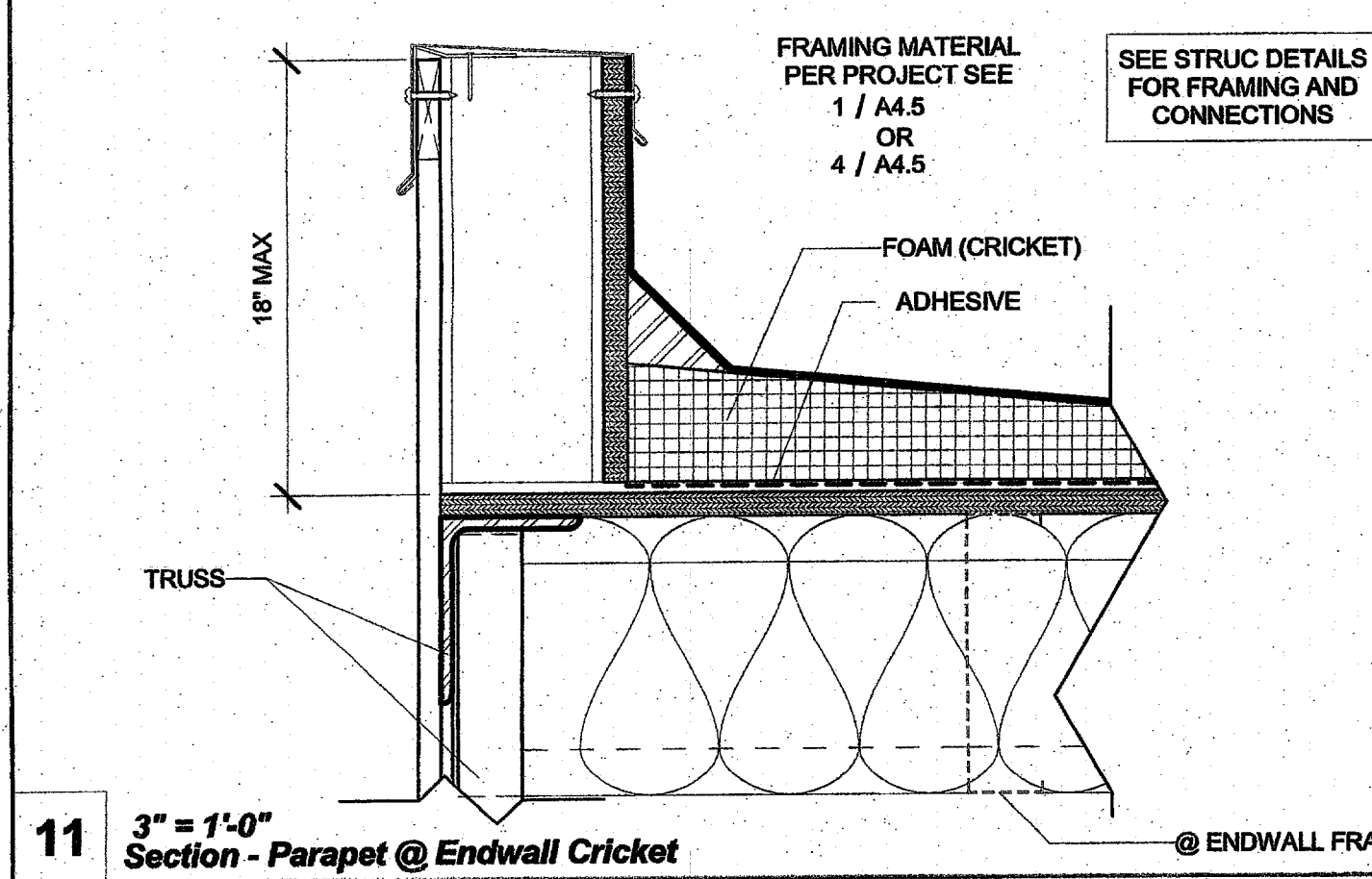
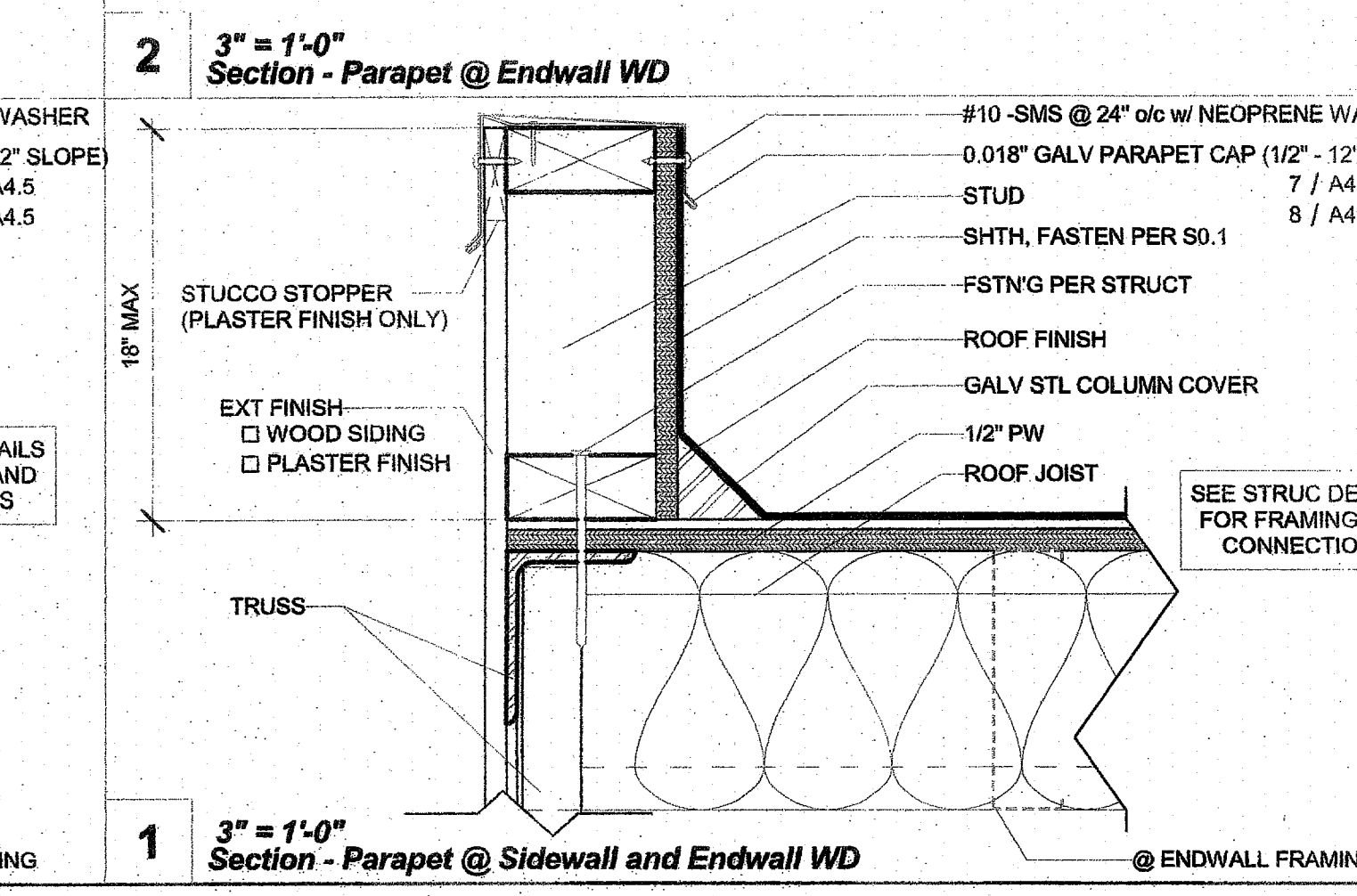
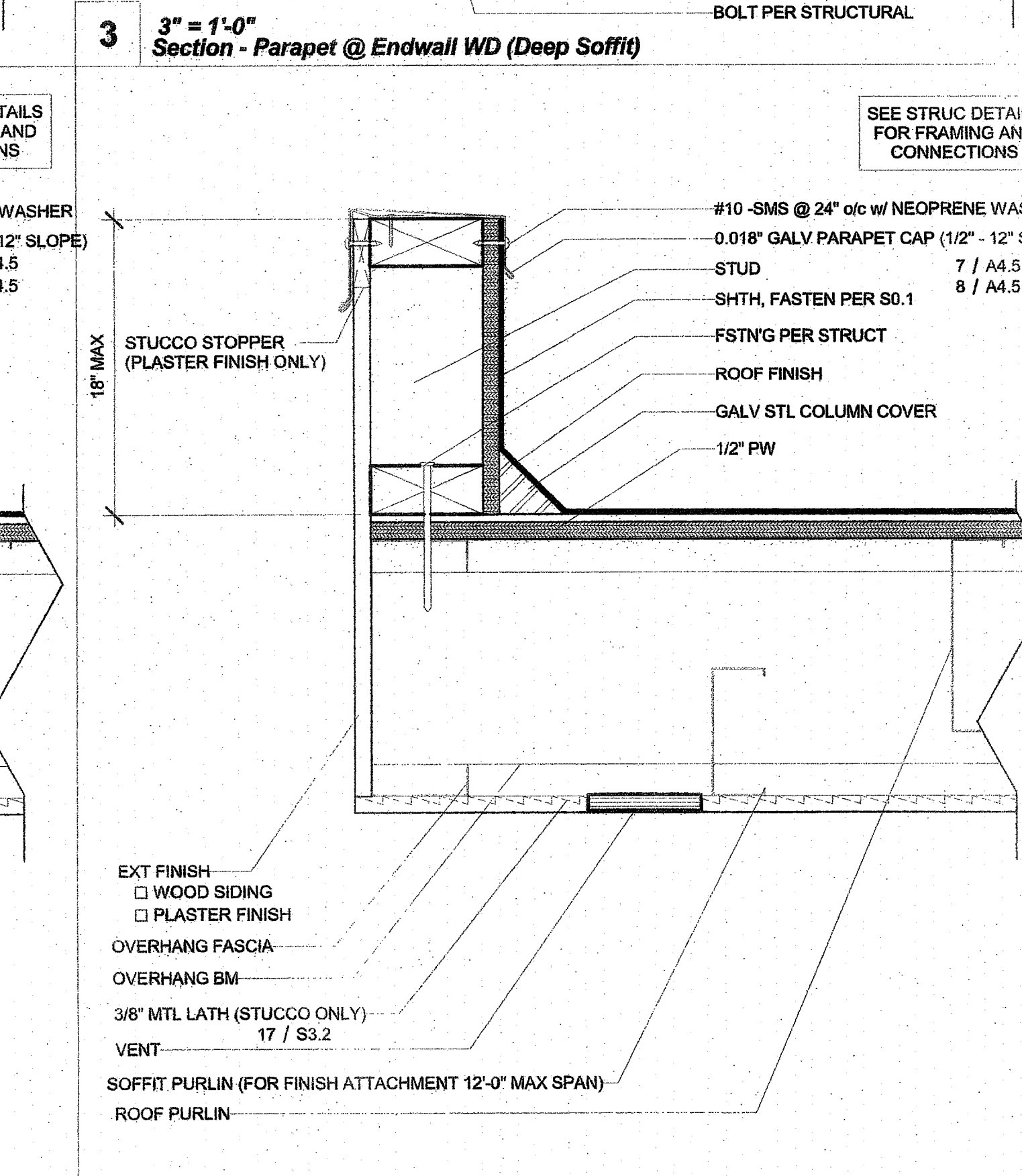
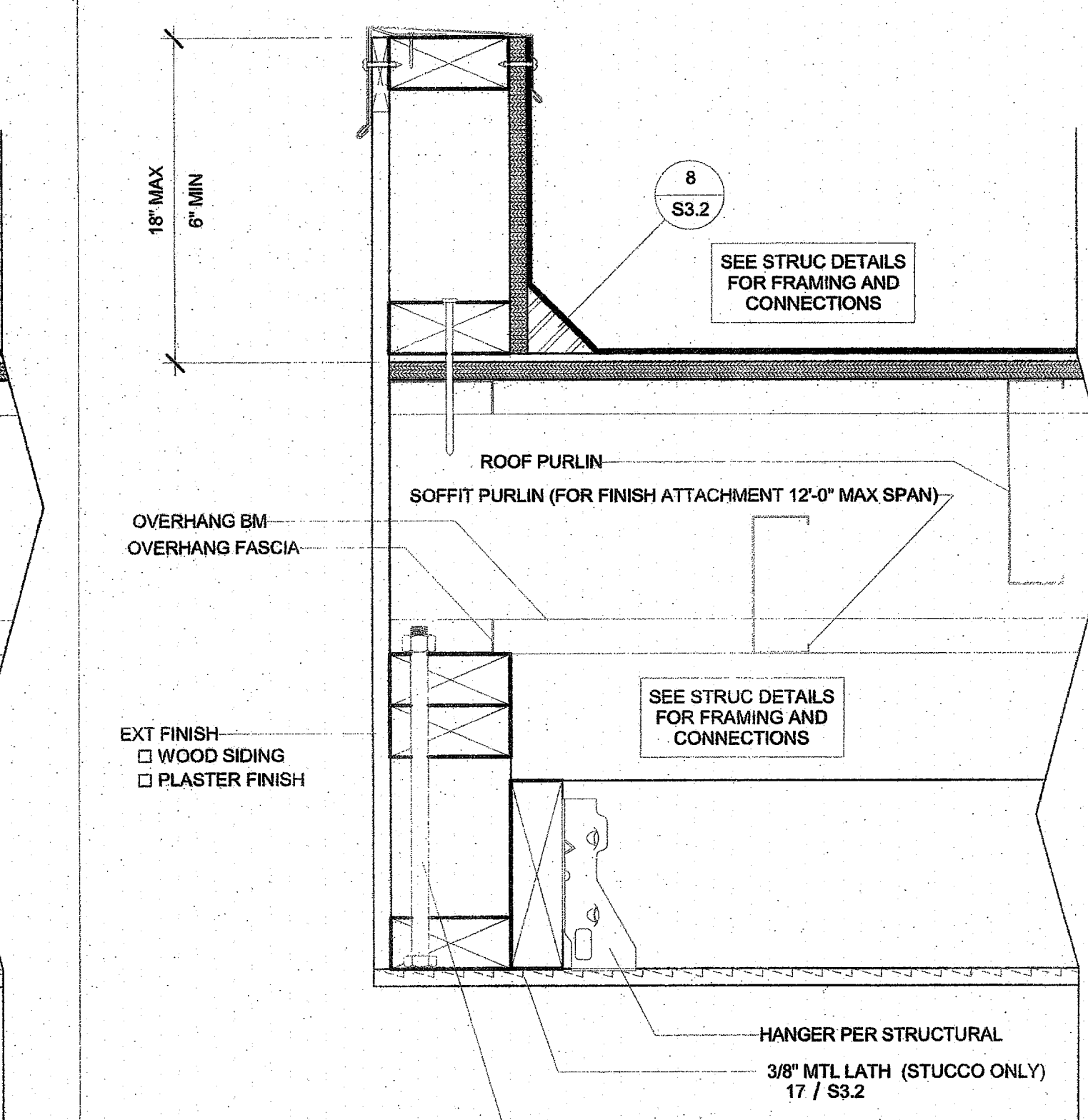
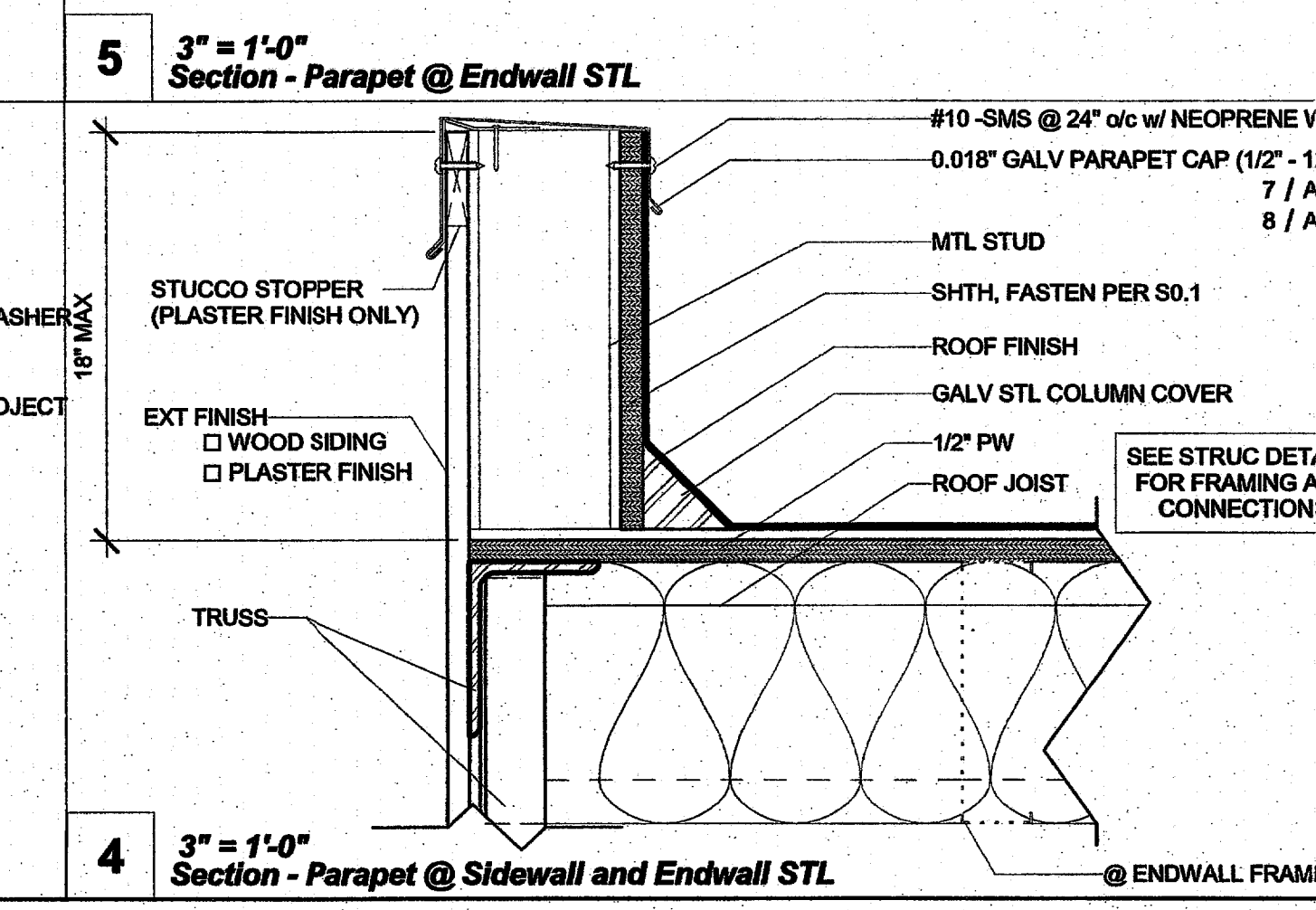
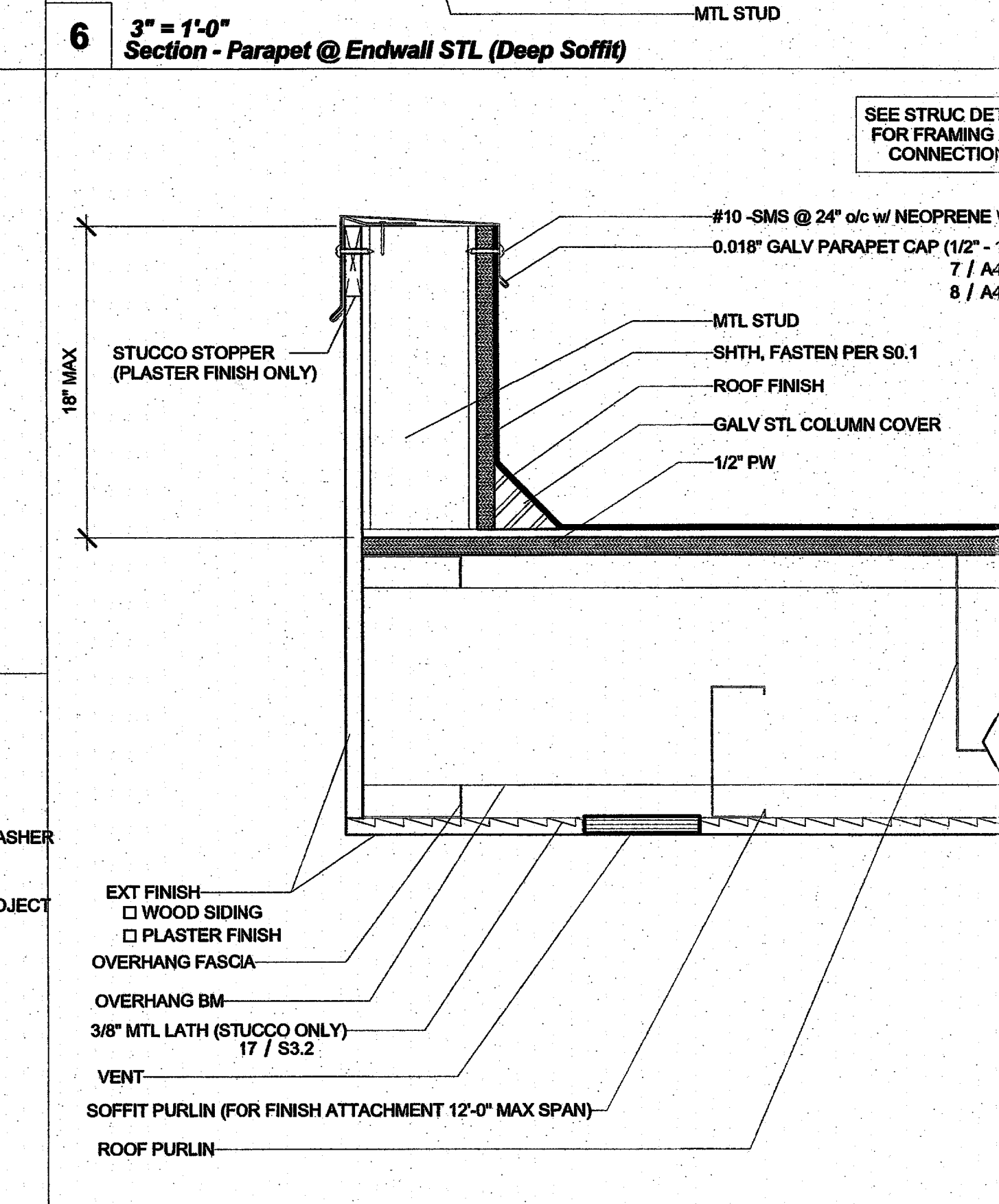
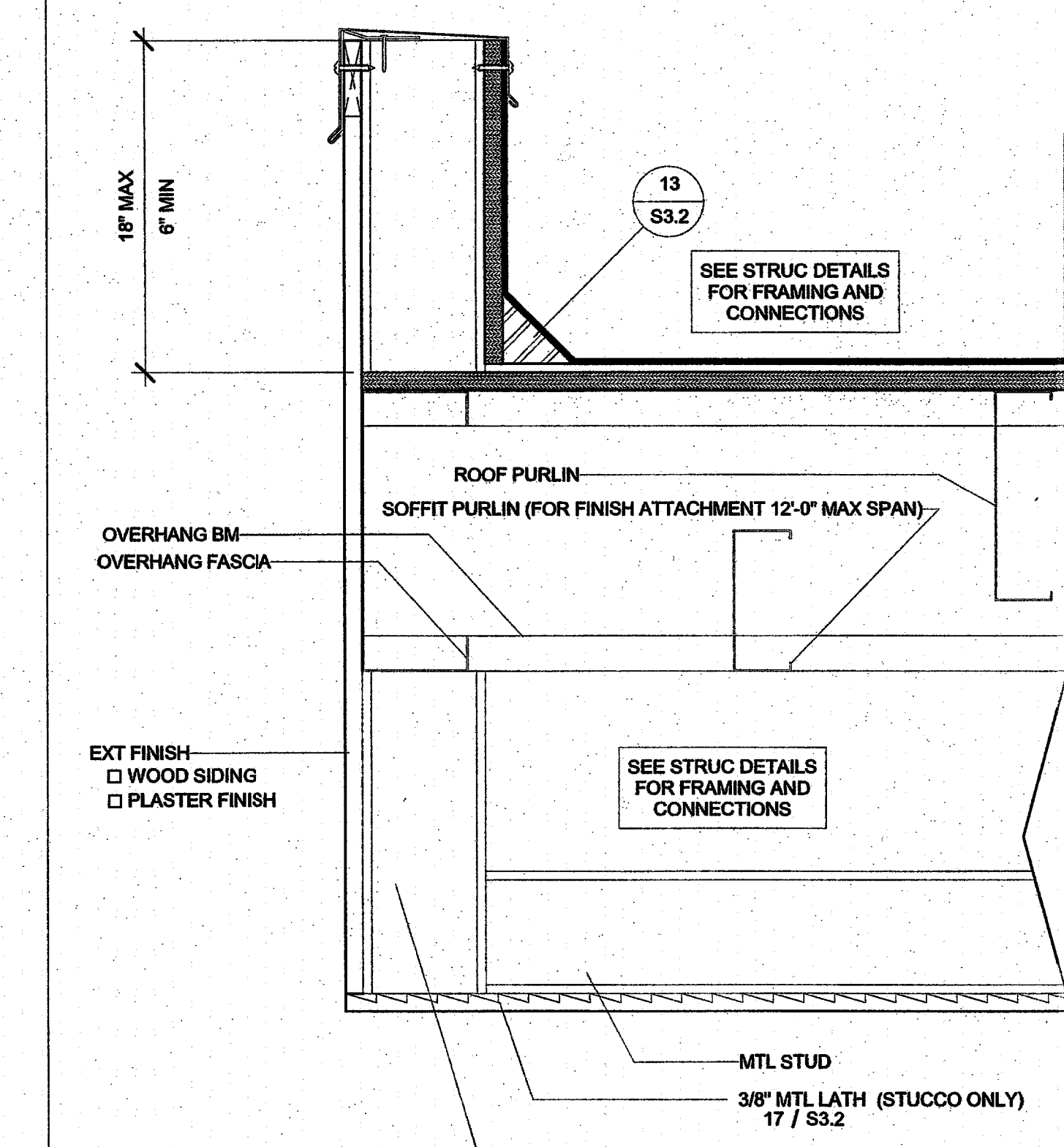
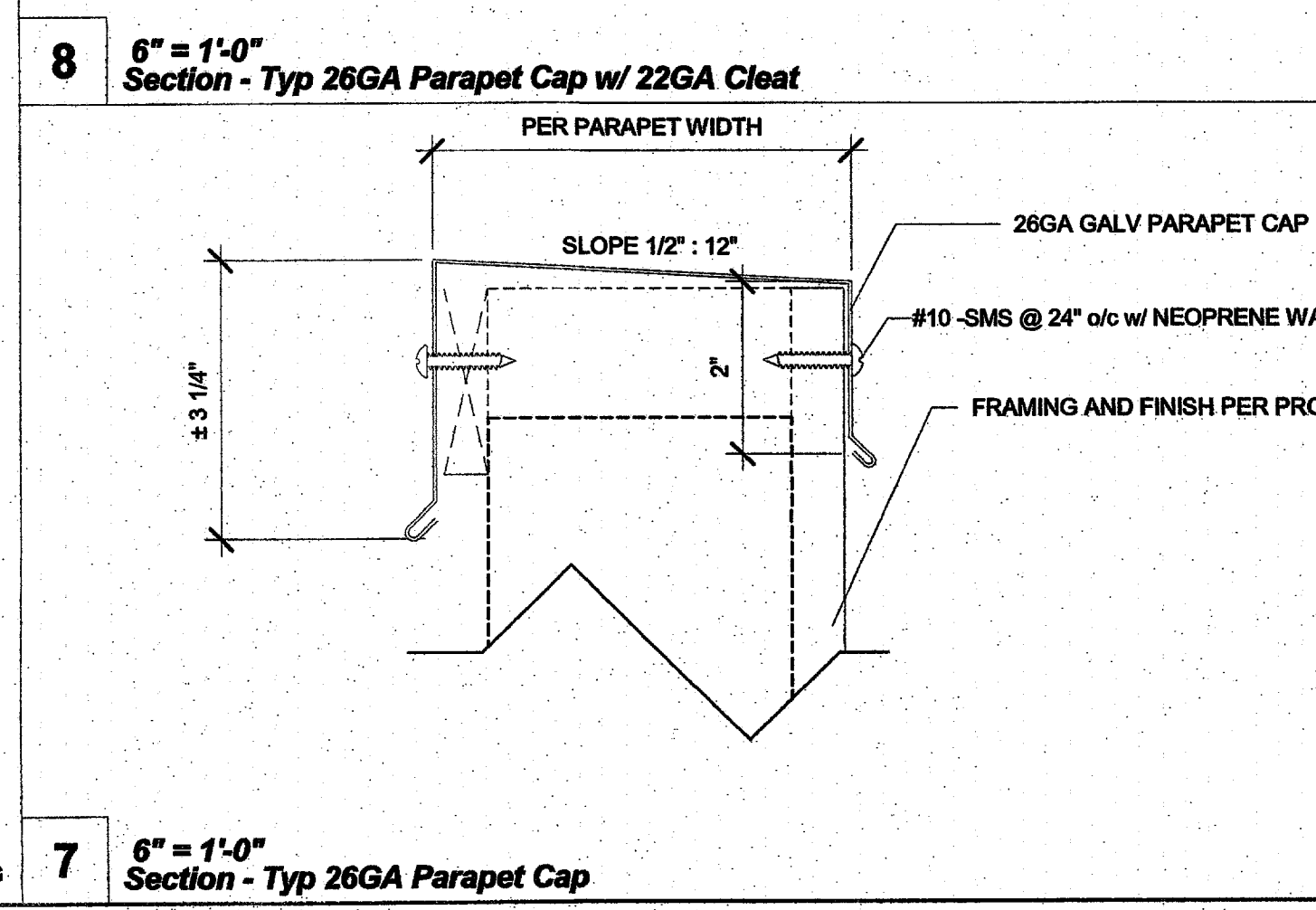
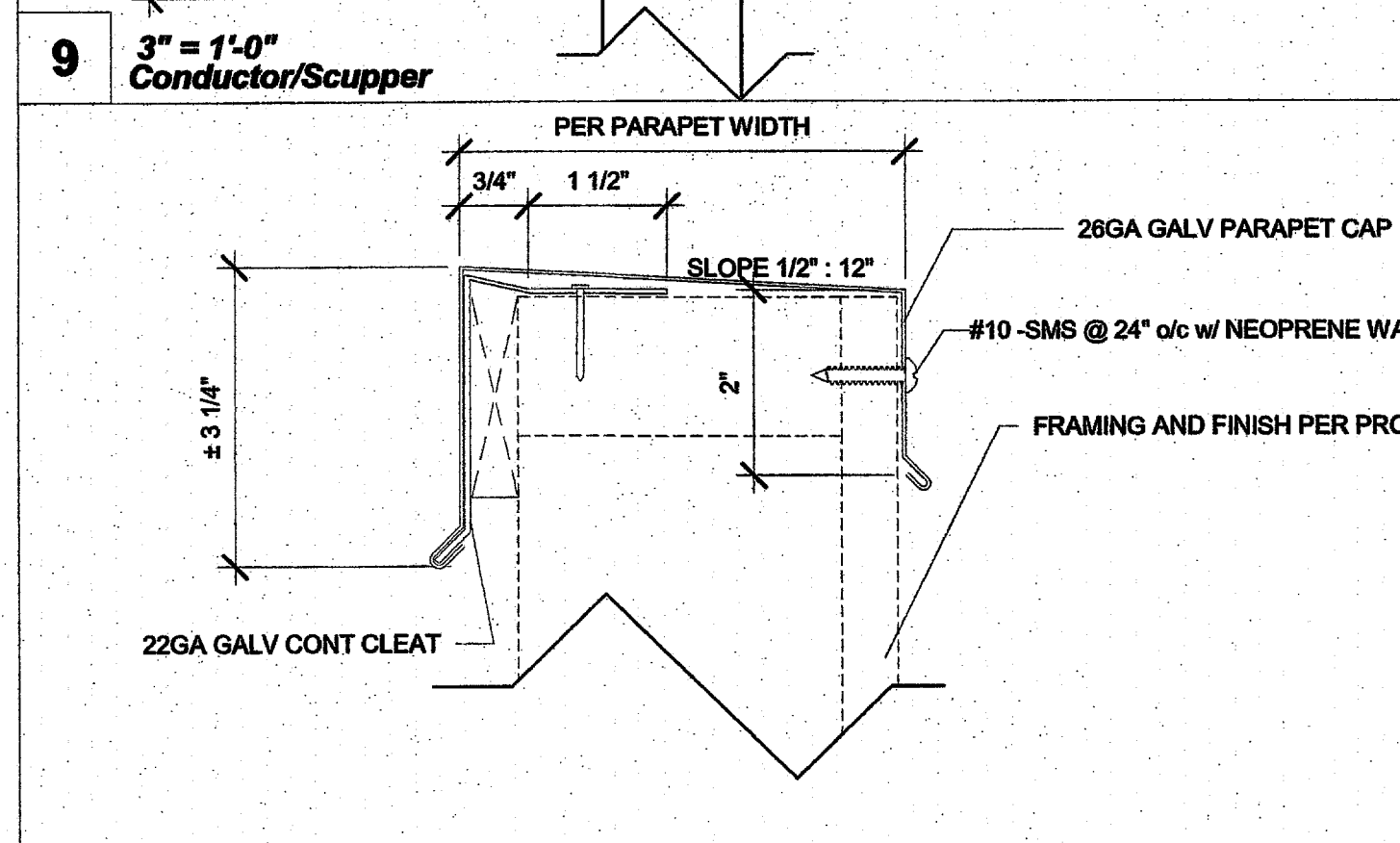
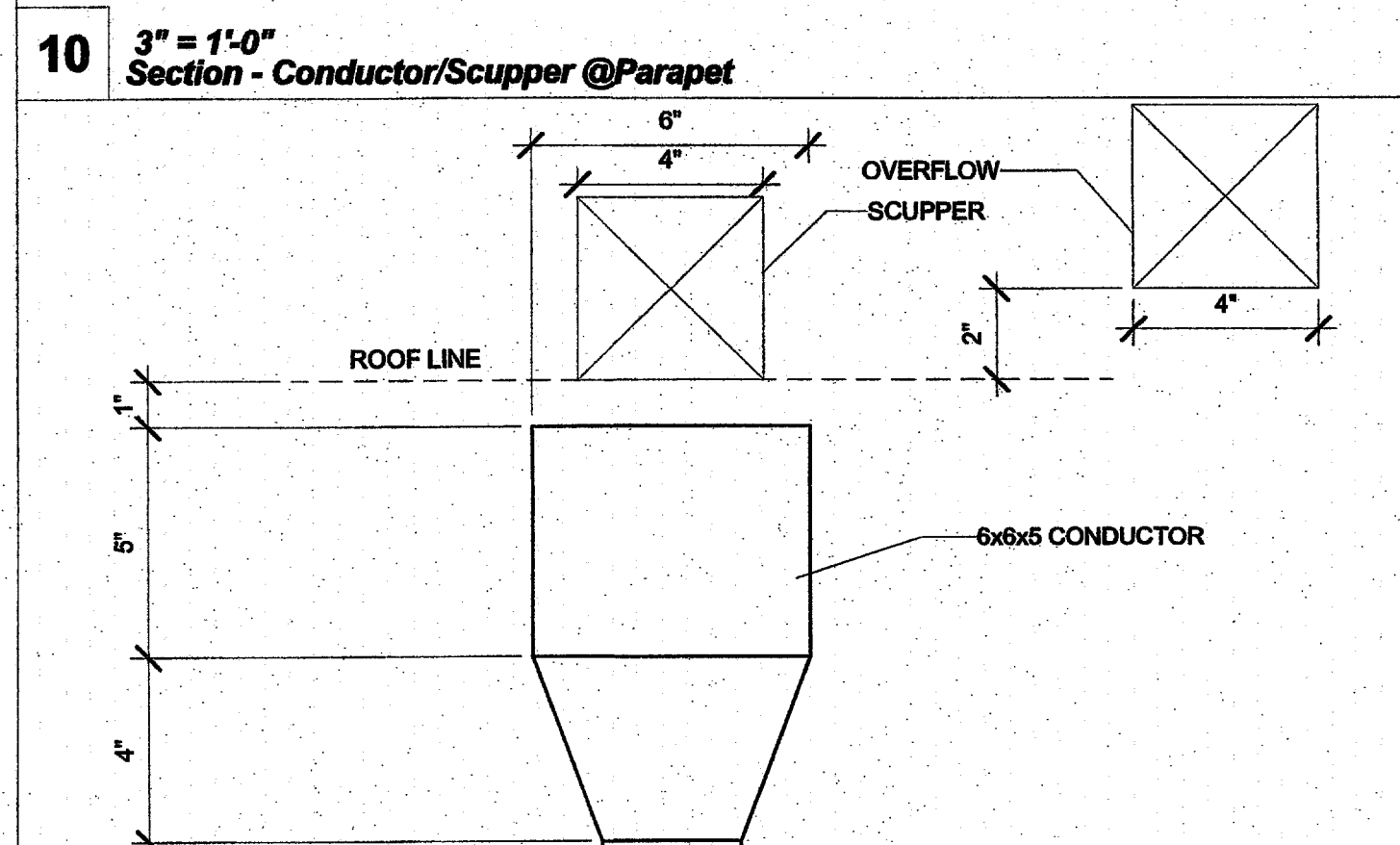
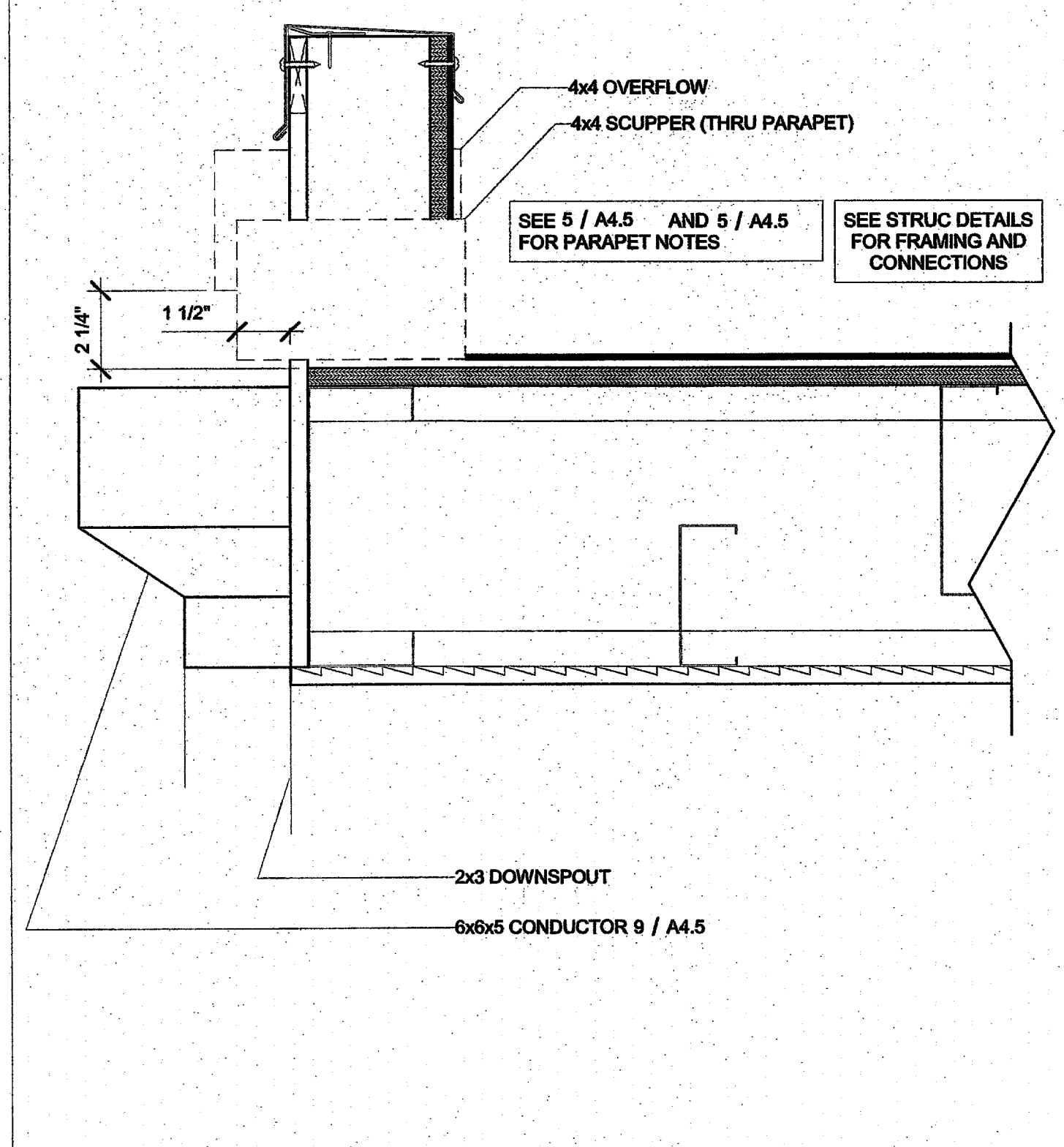
DATE
2017/06/05

SHEET NO.
A4.1

SHEET OF SHEETS

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C:\Users\Sarah\Documents\17016 - Arch - 24x40 PC - Main\Fig - Low Seismic_Sarah.rvt
12/18/2017 5:35:00 PM



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

PROFESSIONAL STAMP

12/19/2017

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CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INC: 0
AC, RM, FLS, EX, SSR, KER
DATE: 07/19/2018

PROJECT TITLE
**24' x 40'
EXPANDABLE TO
120' x 40'**

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118239
ACS FLS SS
DATE: MAR 11 2019

Revision Schedule
Description Date

SHEET TITLE
**ARCHITECTURAL
DETAILS
(PARAPET)**

PROJECT NUMBER
17016A

DRAWN BY
rMc/SC

CHECKED BY
JA/RT

DATE
2017/06/05

SHEET NO.
A4.5

SHEET OF SHEETS.

Ext. Finish Schedule				Fire Rating Schedule			
Finishes	Sheet	Notes	Rating	Sheet	Notes		
<input checked="" type="checkbox"/> SIDING OVER WD STUDS	A2.1		<input type="checkbox"/> 1 HOUR - SIDING OVER WD STUDS	A2.5			
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ WD STUDS	A2.2		<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ WD STUDS	A2.6			
<input type="checkbox"/> SIDING OVER STL STUDS	A2.3		<input type="checkbox"/> 1 HOUR - SIDING OVER STL STUDS	A2.7			
<input type="checkbox"/> PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ STL STUDS	A2.4		<input type="checkbox"/> 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ STL STUDS	A2.8			

SEE A3.0 FOR ADDITIONAL FIRE ASSEMBLY NOTES AND DETAILS

9 1/4" = 1'-0" Ext. Finish Schedule

10 1/4" = 1'-0" Fire Rating Schedule

4 1/4" = 1'-0" Right Elevation (Mono w/ Parapet)

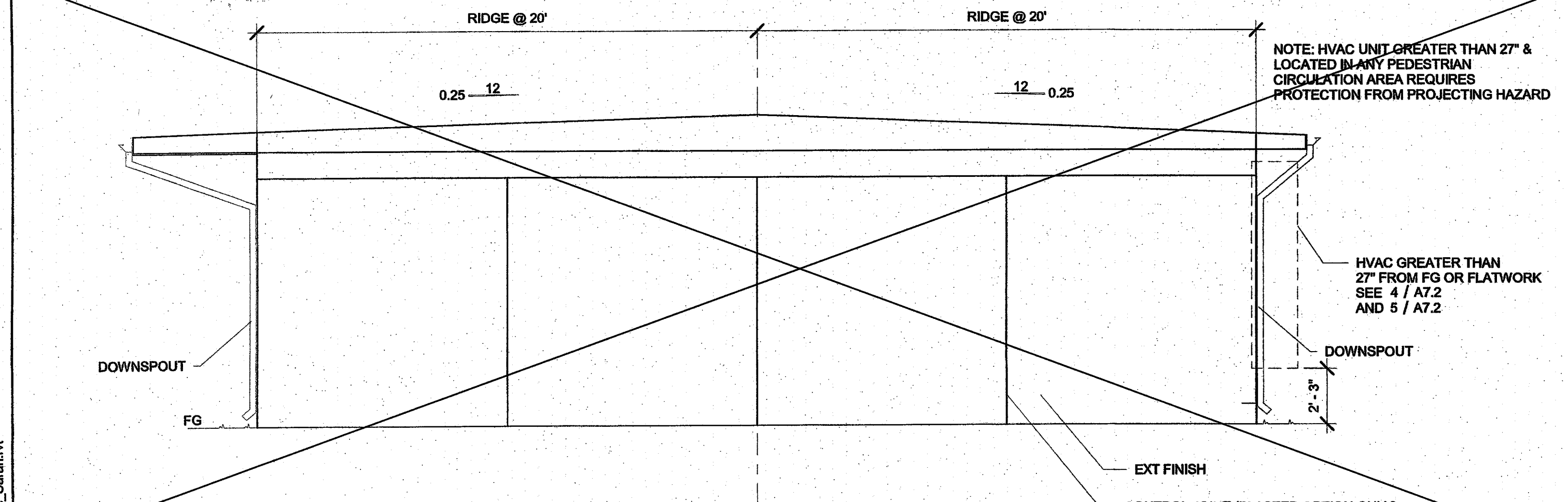
SEE A0.1 FOR GENERAL NOTES

Wall Schedule			
Stud Size	Sheet	Notes	
<input checked="" type="checkbox"/> Wood Wall Stud	S4.5		
<input type="checkbox"/> Mtl Wall Stud	S4.5	CONTINUOUS EXT R-4 INSULATION	

7 3" = 1'-0" Notes A5.0

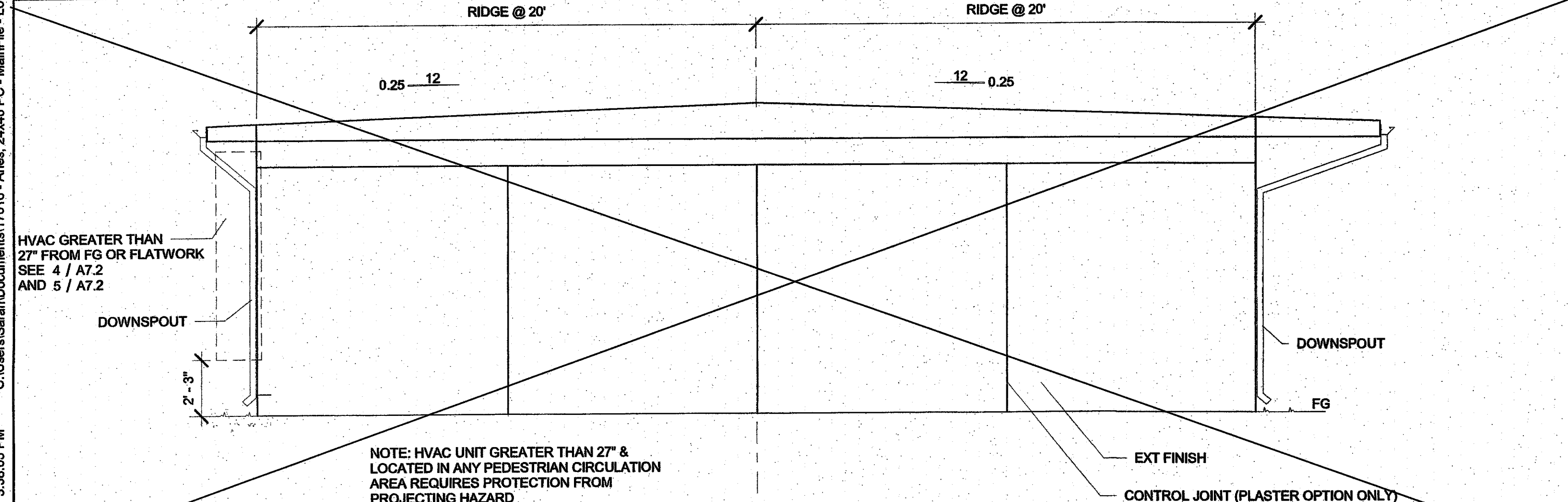
8 1/4" = 1'-0" Wall Schedule

3 1/4" = 1'-0" Left Elevation (Mono w/ Parapet)



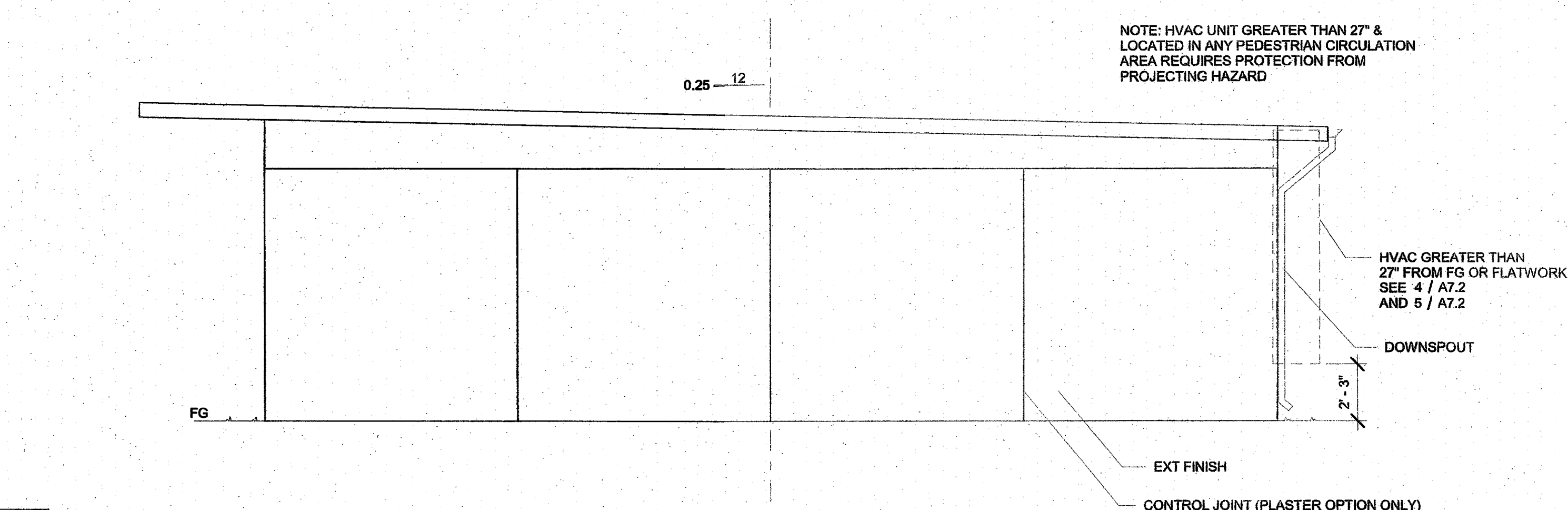
6 1/4" = 1'-0" Right Elevation (Dual)

2 1/4" = 1'-0" Right Elevation (Mono)

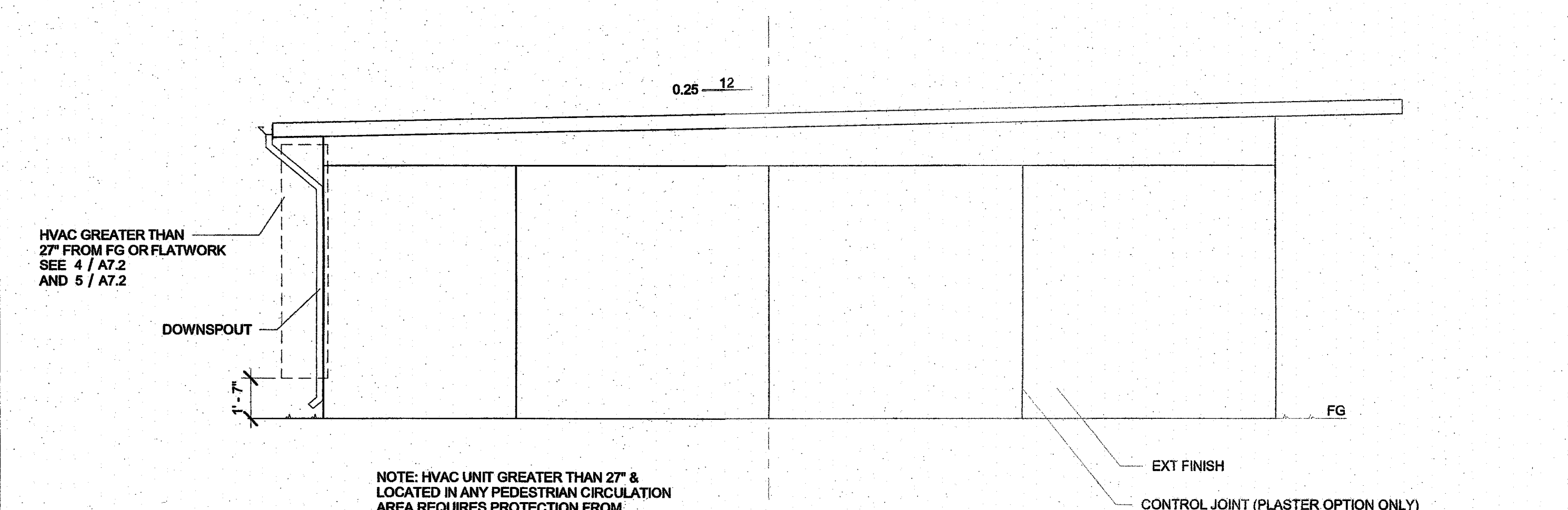


5 1/4" = 1'-0" Left Elevation (Dual)

1 1/4" = 1'-0" Left Elevation (Mono)

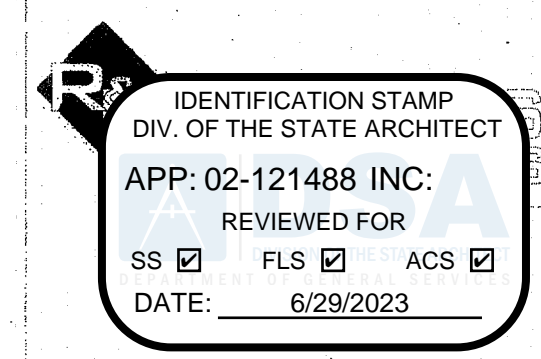


2 1/4" = 1'-0" Right Elevation (Mono)

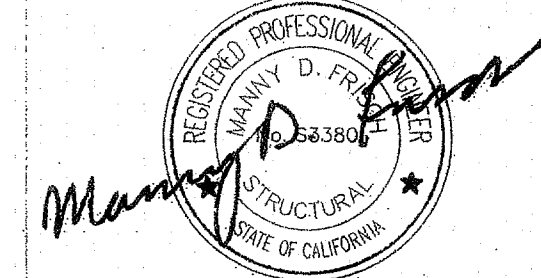


1 1/4" = 1'-0" Left Elevation (Mono)

NOTE: HVAC UNIT GREATER THAN 27" & LOCATED IN ANY PEDESTRIAN CIRCULATION AREA REQUIRES PROTECTION FROM PROJECTING HAZARD



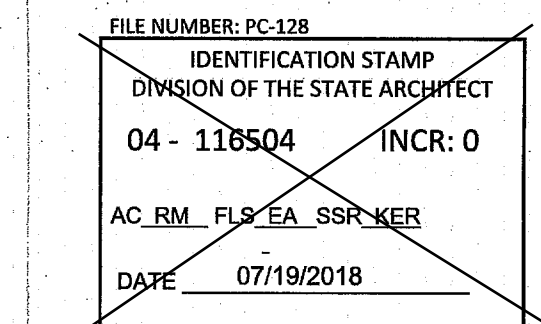
PROFESSIONAL STAMP



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Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL

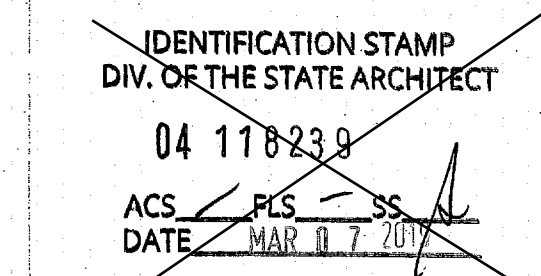


PROJECT TITLE

24' x 40'
EXPANDABLE TO
120' x 40'

PRE-CHECK (PC) DOCUMENT
Code: 1 2016 JCB
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL



Revision Schedule

#	Description	Date

SHEET TITLE
SIDEWALL ELEVATION

PROJECT NUMBER
17016A

DRAWN BY
rMc/SC

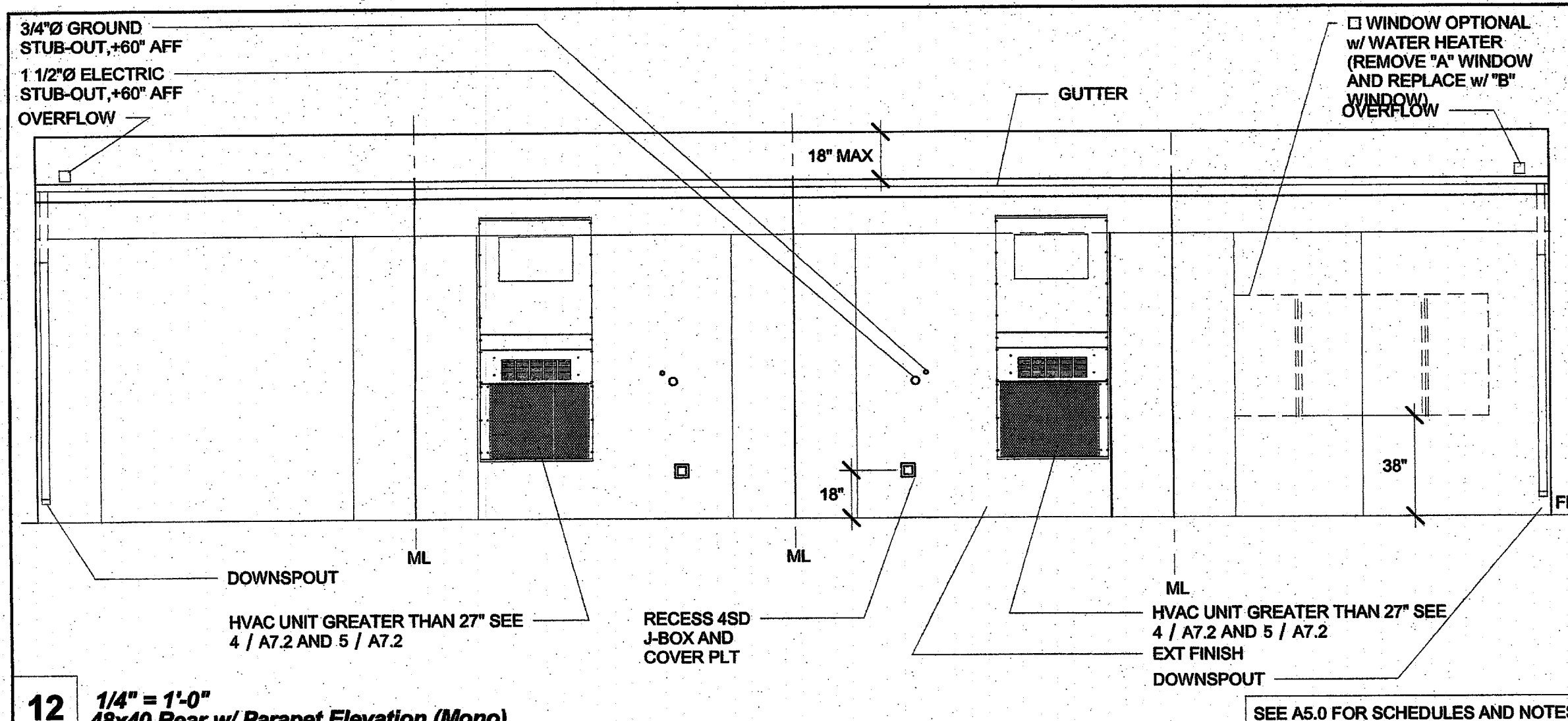
CHECKED BY
JA/RT

DATE
2017/06/05

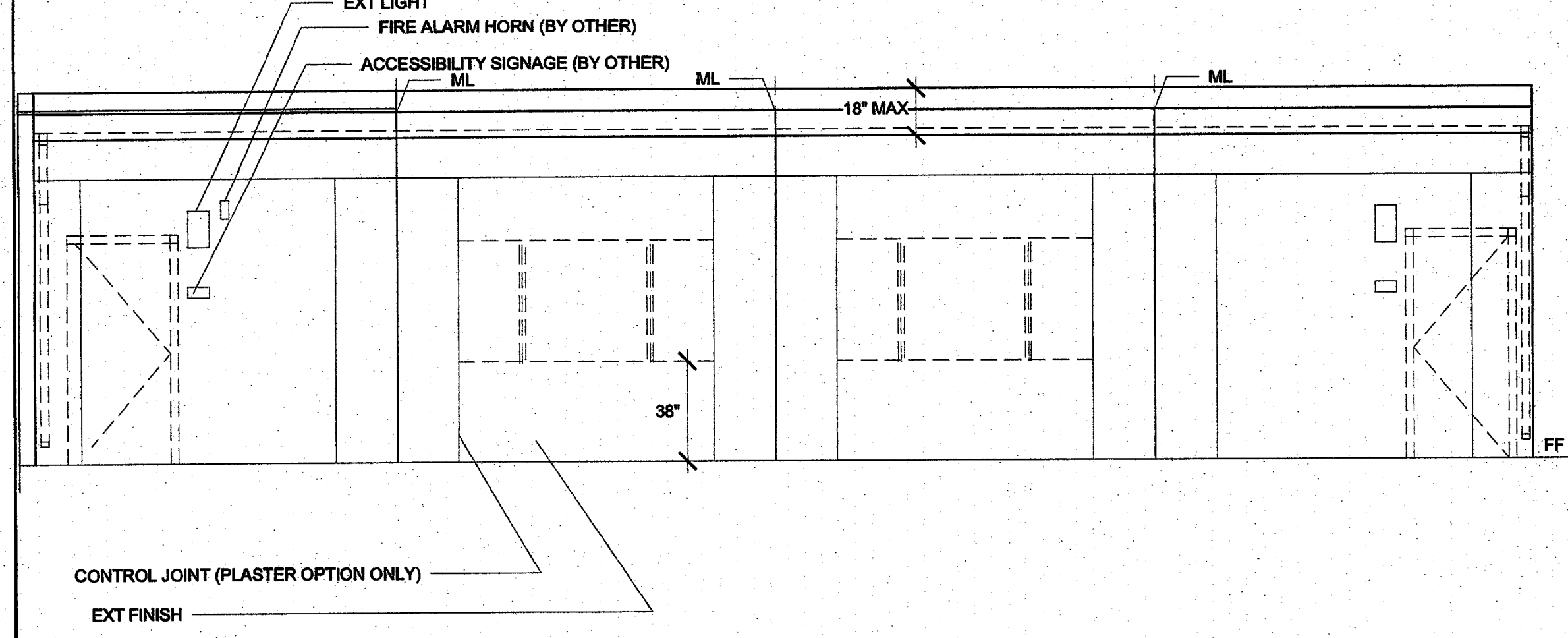
SHEET NO.
A5.0

SHEET 05 OF SHEETS

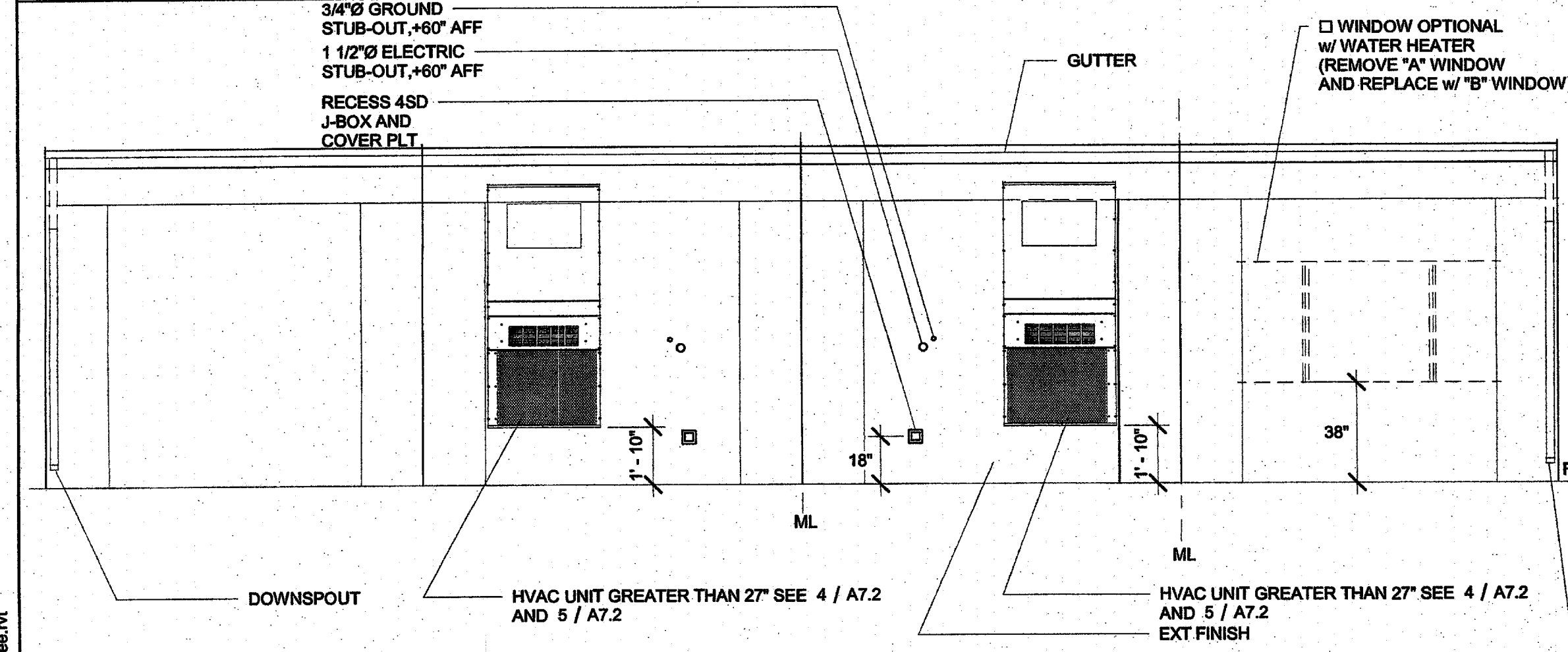
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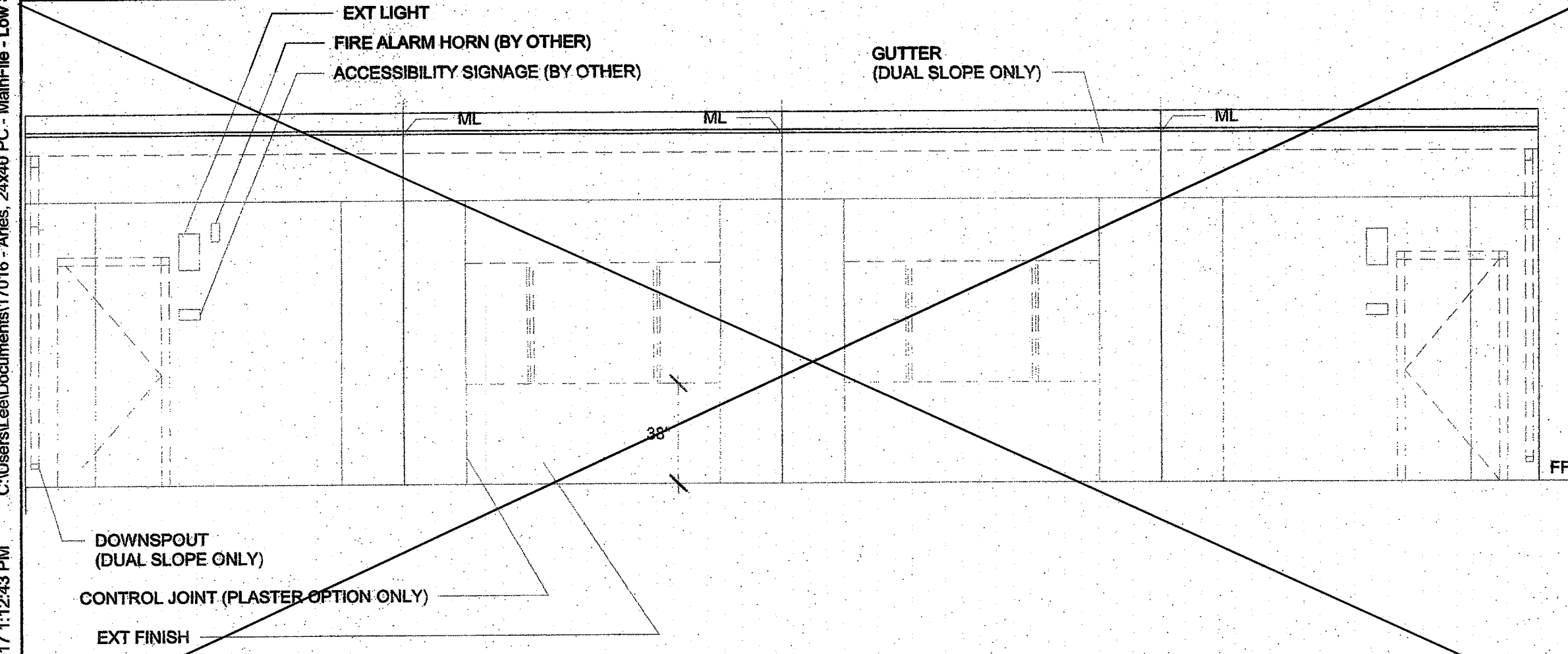
12 1/4" = 1'-0" 48x40 Rear w/ Parapet Elevation (Mono) SEE A5.0 FOR SCHEDULES AND NOTES



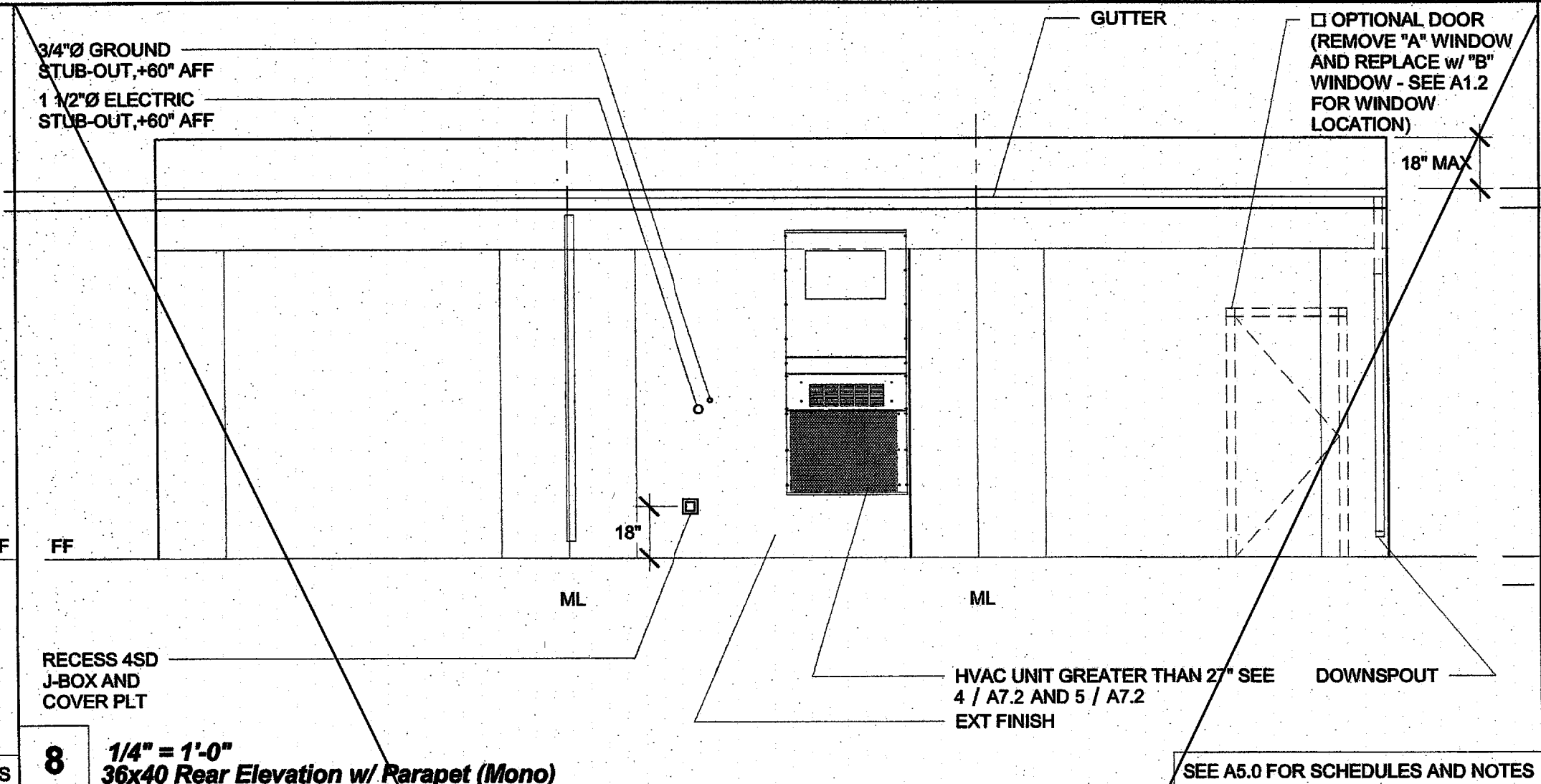
11 1/4" = 1'-0" 48x40 Front w/ Parapet Elevation (Mono) SEE A5.0 FOR SCHEDULES AND NOTES



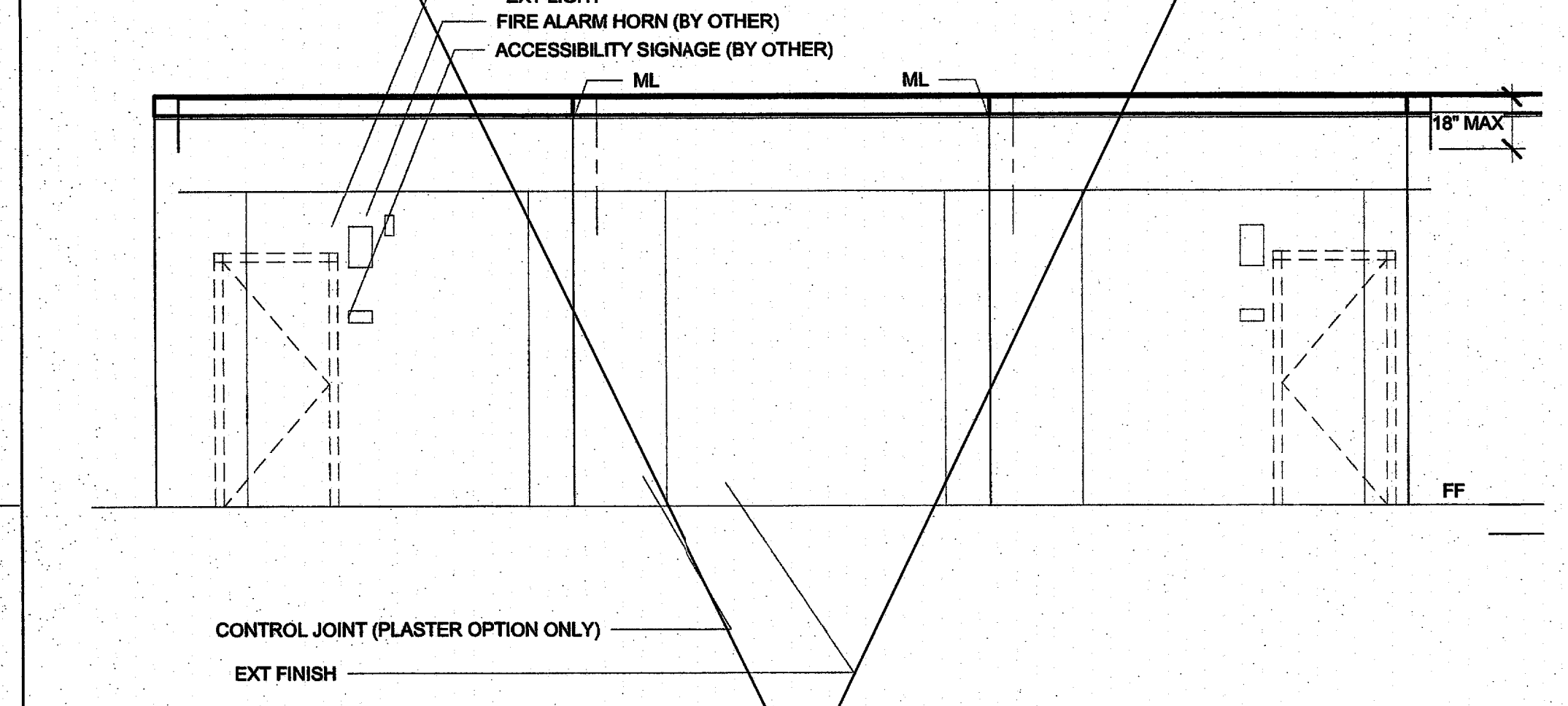
10 1/4" = 1'-0" 48x40 Rear Elevation (Dual/Mono) SEE A5.0 FOR SCHEDULES AND NOTES



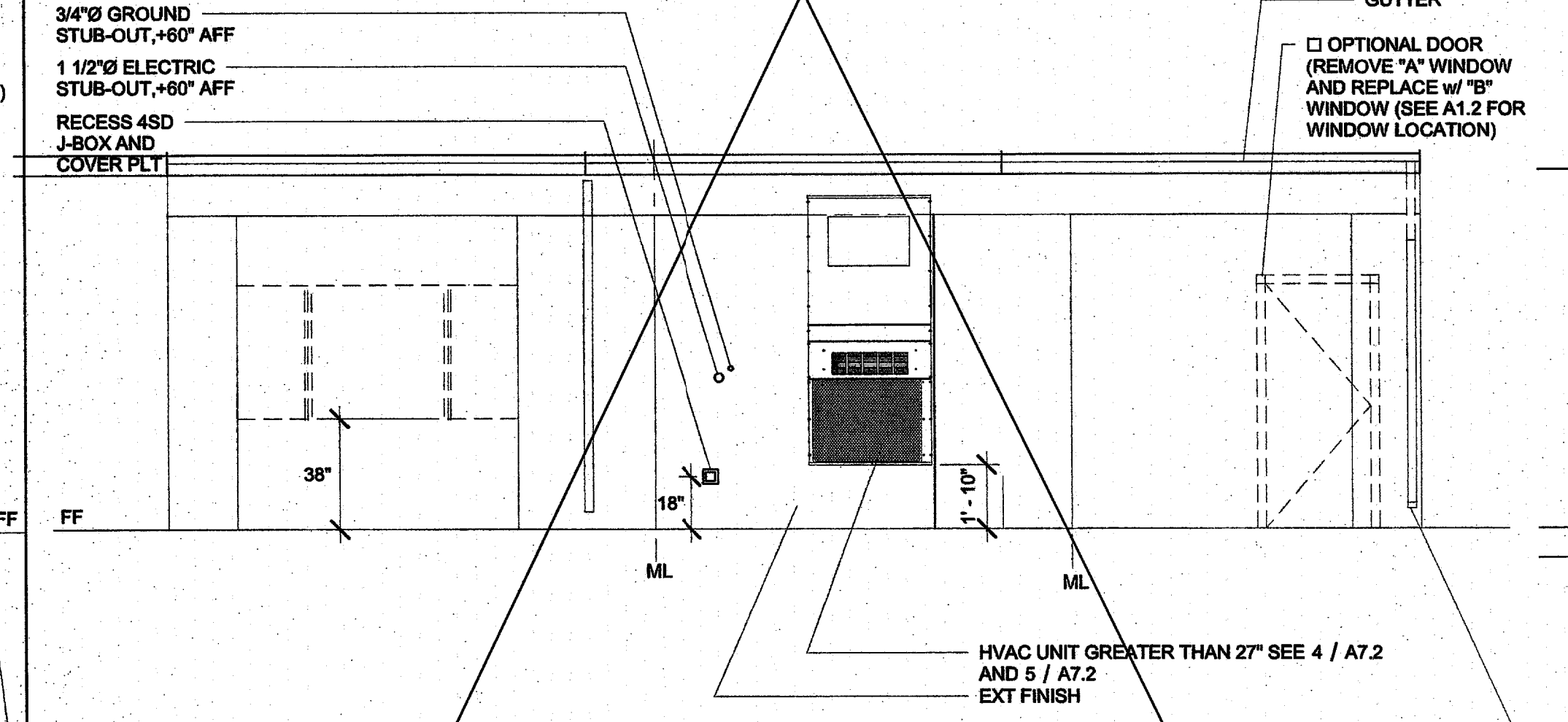
9 1/4" = 1'-0" 48x40 Front Elevation (Dual/Mono) SEE A5.0 FOR SCHEDULES AND NOTES



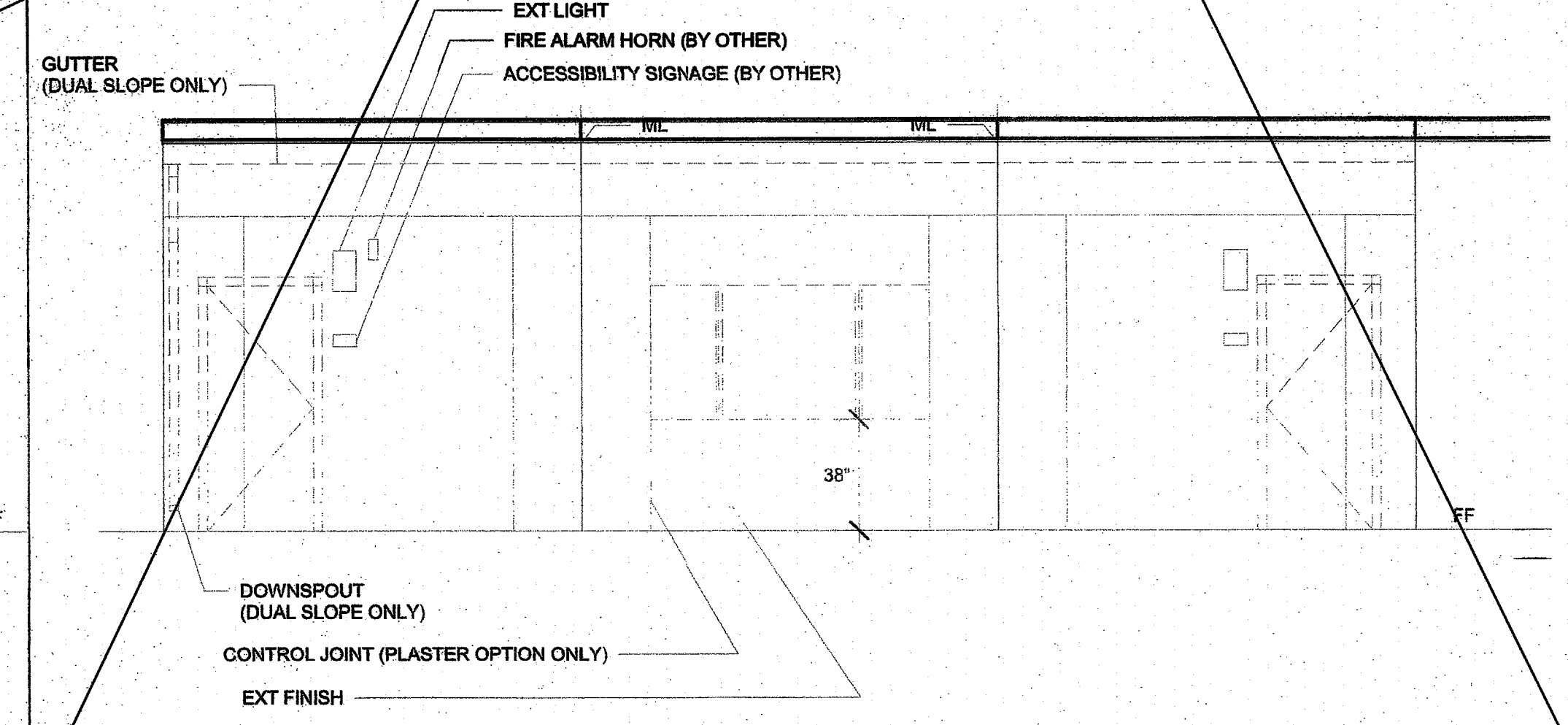
8 1/4" = 1'-0" 36x40 Rear Elevation w/ Parapet (Mono) SEE A5.0 FOR SCHEDULES AND NOTES



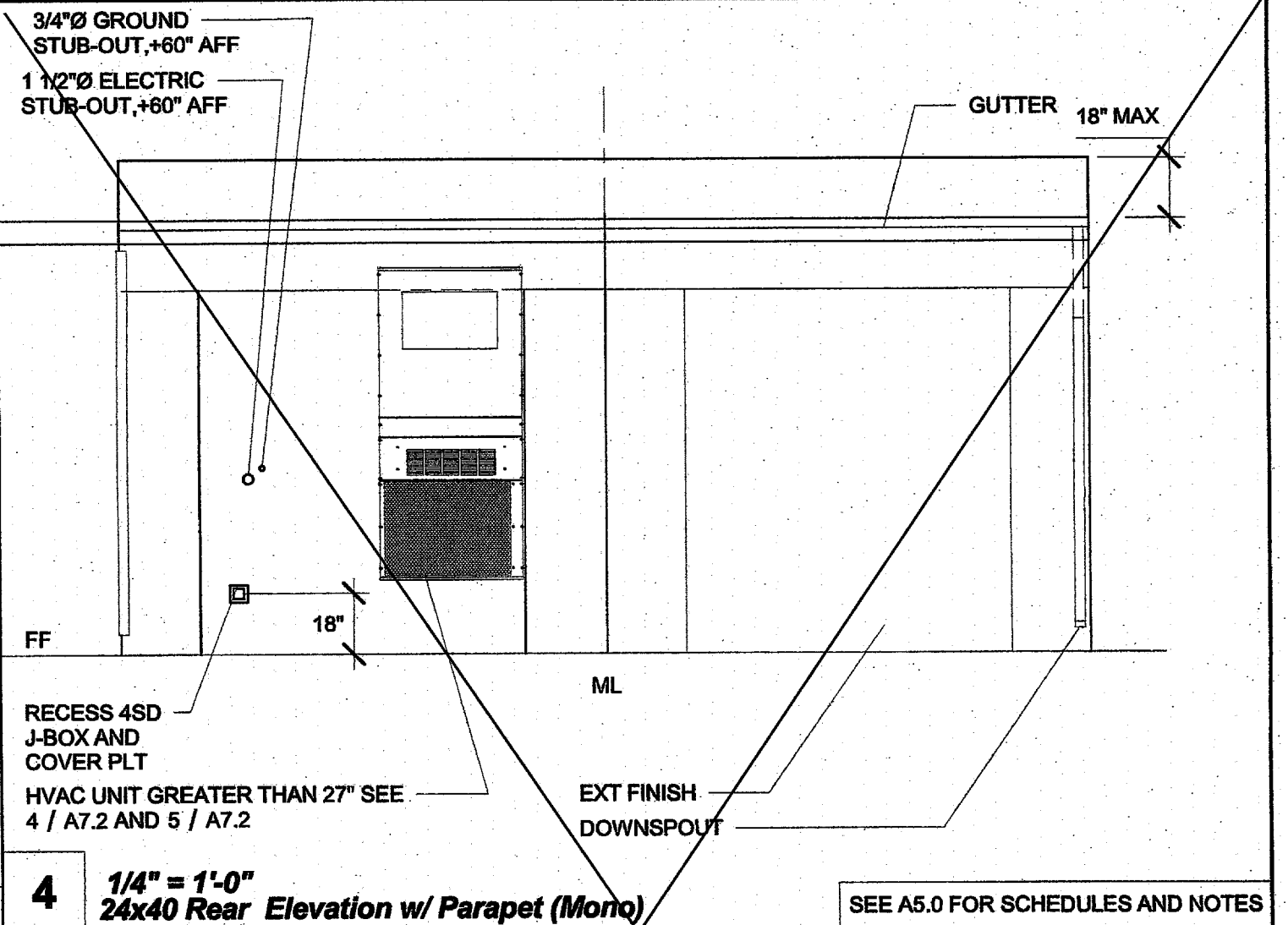
7 1/4" = 1'-0" 36x40 Front Elevation w/ Parapet (Mono) SEE A5.0 FOR SCHEDULES AND NOTES



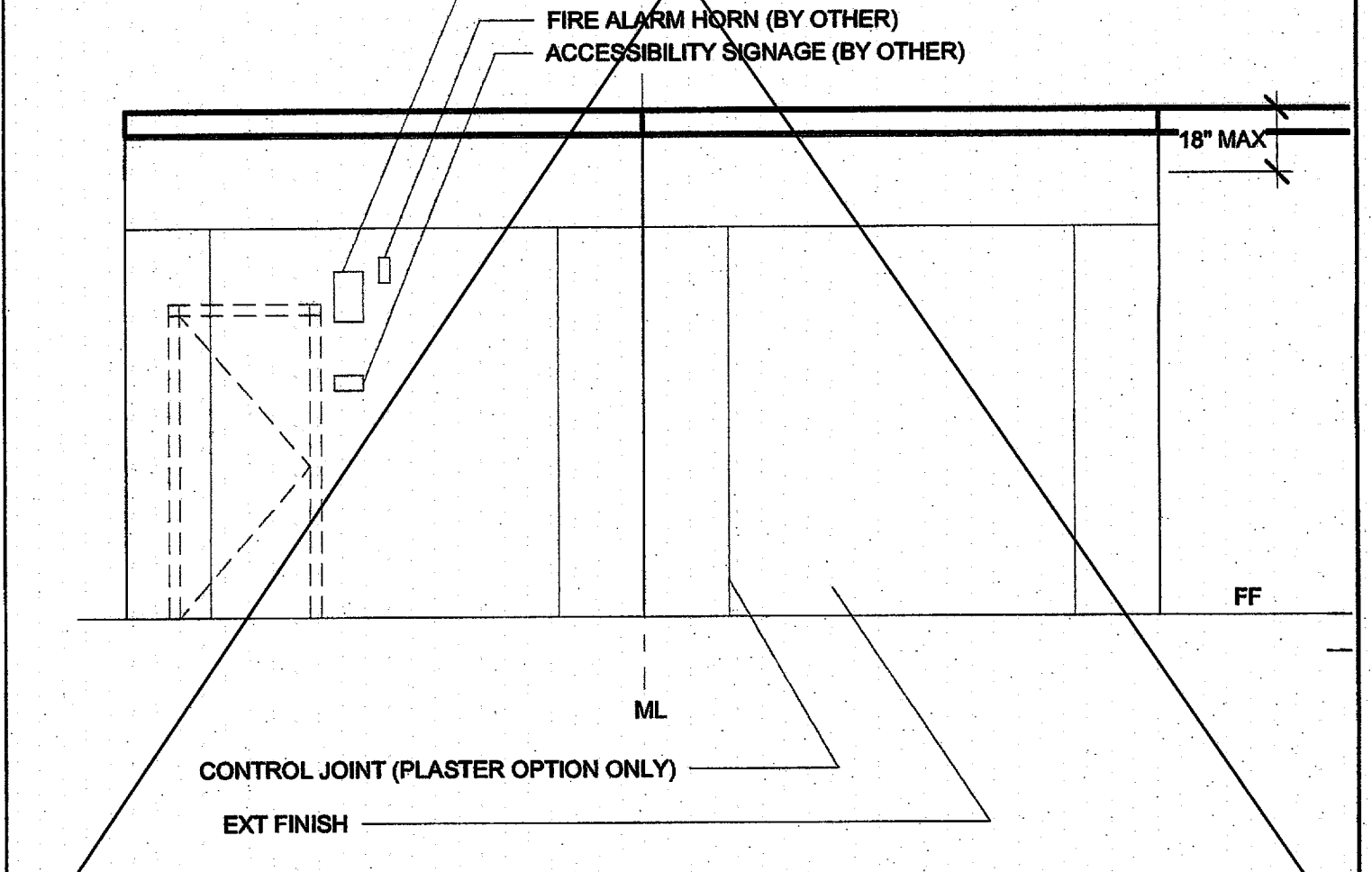
6 1/4" = 1'-0" 36x40 Rear Elevation (Dual/Mono) SEE A5.0 FOR SCHEDULES AND NOTES



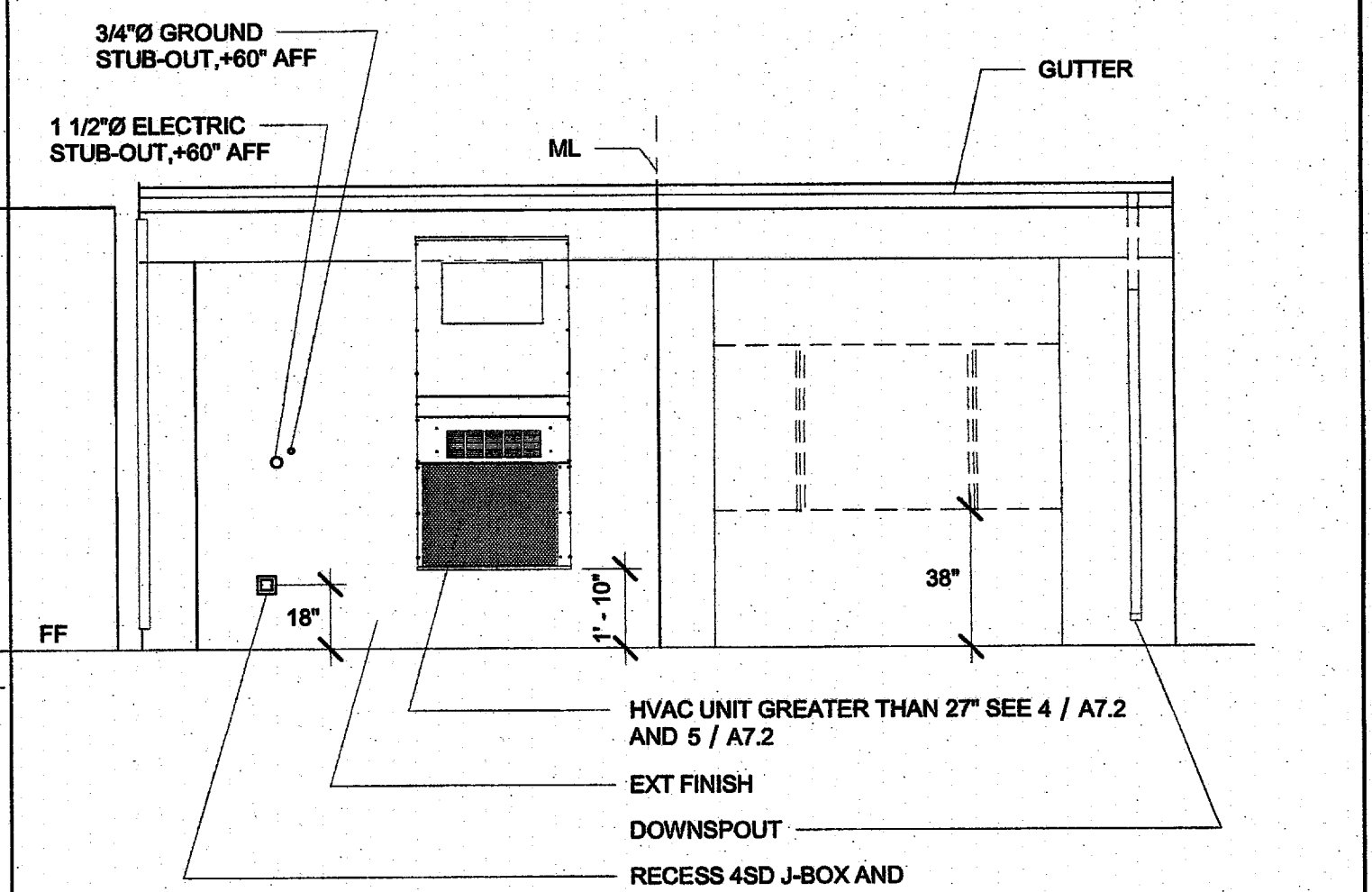
5 1/4" = 1'-0" 36x40 Front Elevation (Dual/Mono) SEE A5.0 FOR SCHEDULES AND NOTES



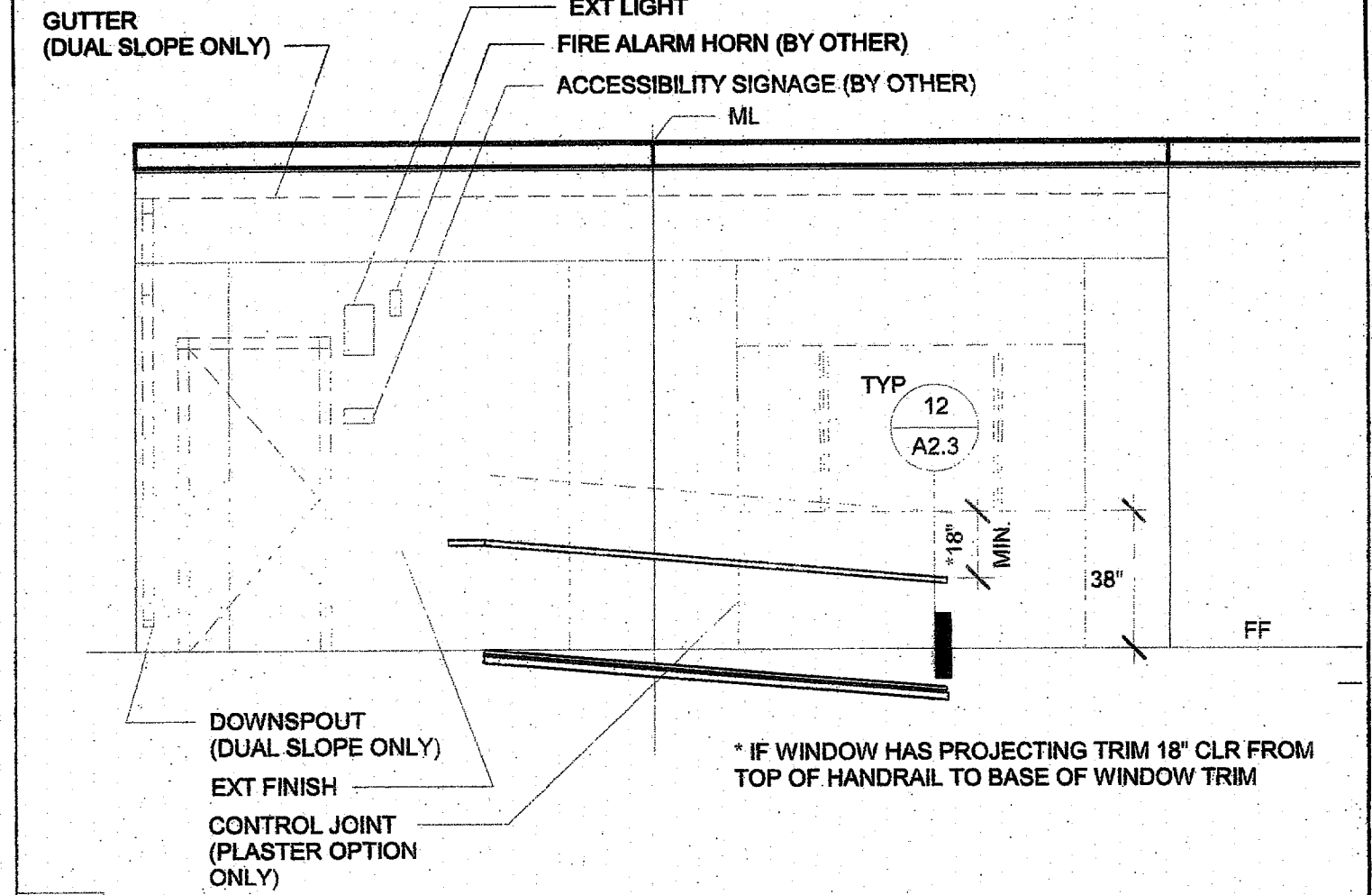
4 1/4" = 1'-0" 24x40 Rear Elevation w/ Parapet (Mono) SEE A5.0 FOR SCHEDULES AND NOTES



3 1/4" = 1'-0" 24x40 Front Elevation w/ Parapet (Mono) SEE A5.0 FOR SCHEDULES AND NOTES



2 1/4" = 1'-0" 24x40 Rear Elevation (Dual/Mono) SEE A5.0 FOR SCHEDULES AND NOTES



1 1/4" = 1'-0" 24x40 Front Elevation (Dual/Mono) SEE A5.0 FOR SCHEDULES AND NOTES

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

PROFESSIONAL STAMP

12/19/2017

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CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC_RM_FLS_EX_SSR_KER
DATE: 07/19/2018

PROJECT TITLE
24' x 40' EXPANDABLE TO 120' x 40'
PRE-CHECK (PC) DOCUMENT
Code: 2016 JCB
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118239
ACS_FLS_SS
DATE: MAR 07 2024

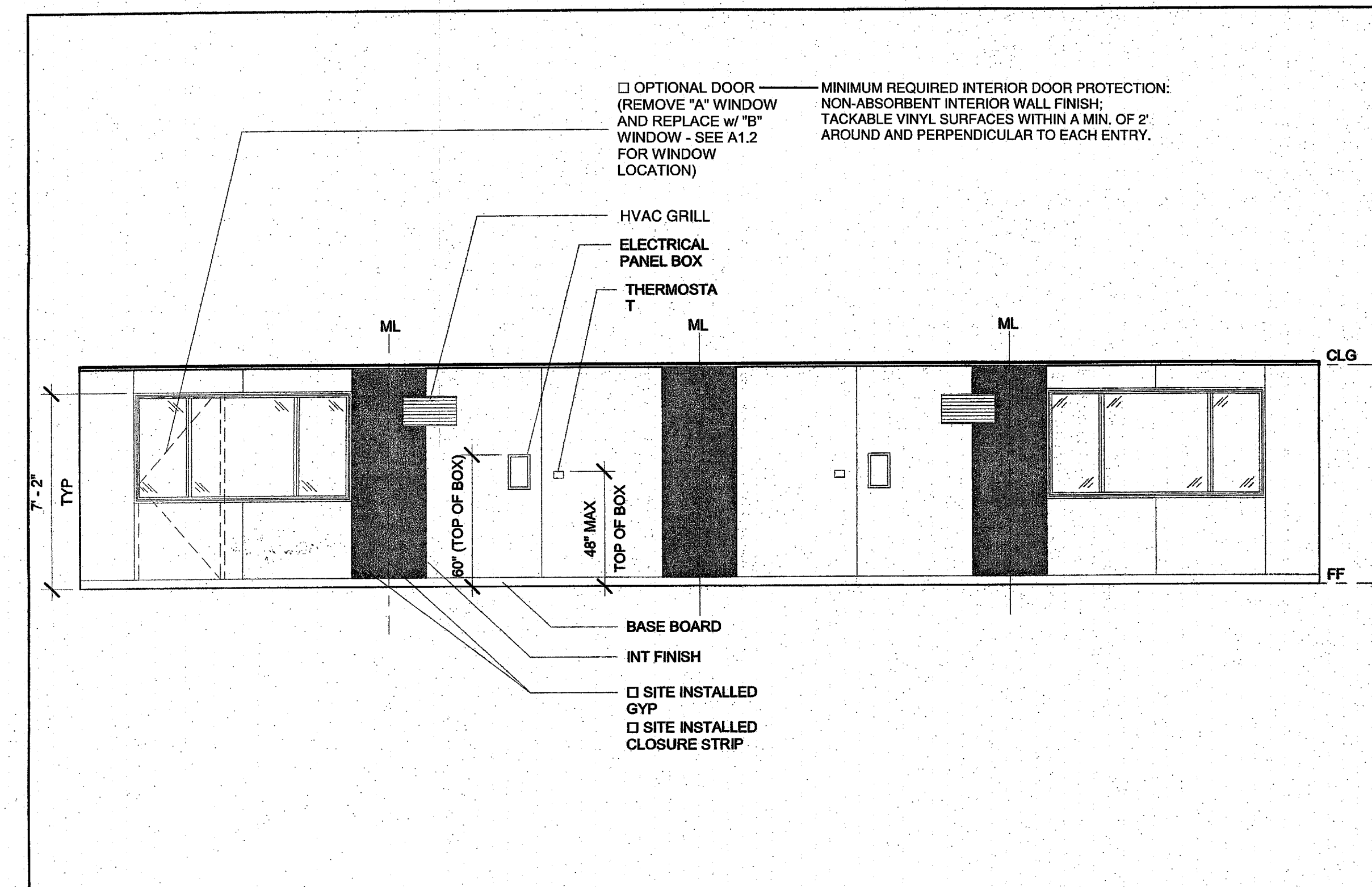
Revision Schedule

#	Description	Date

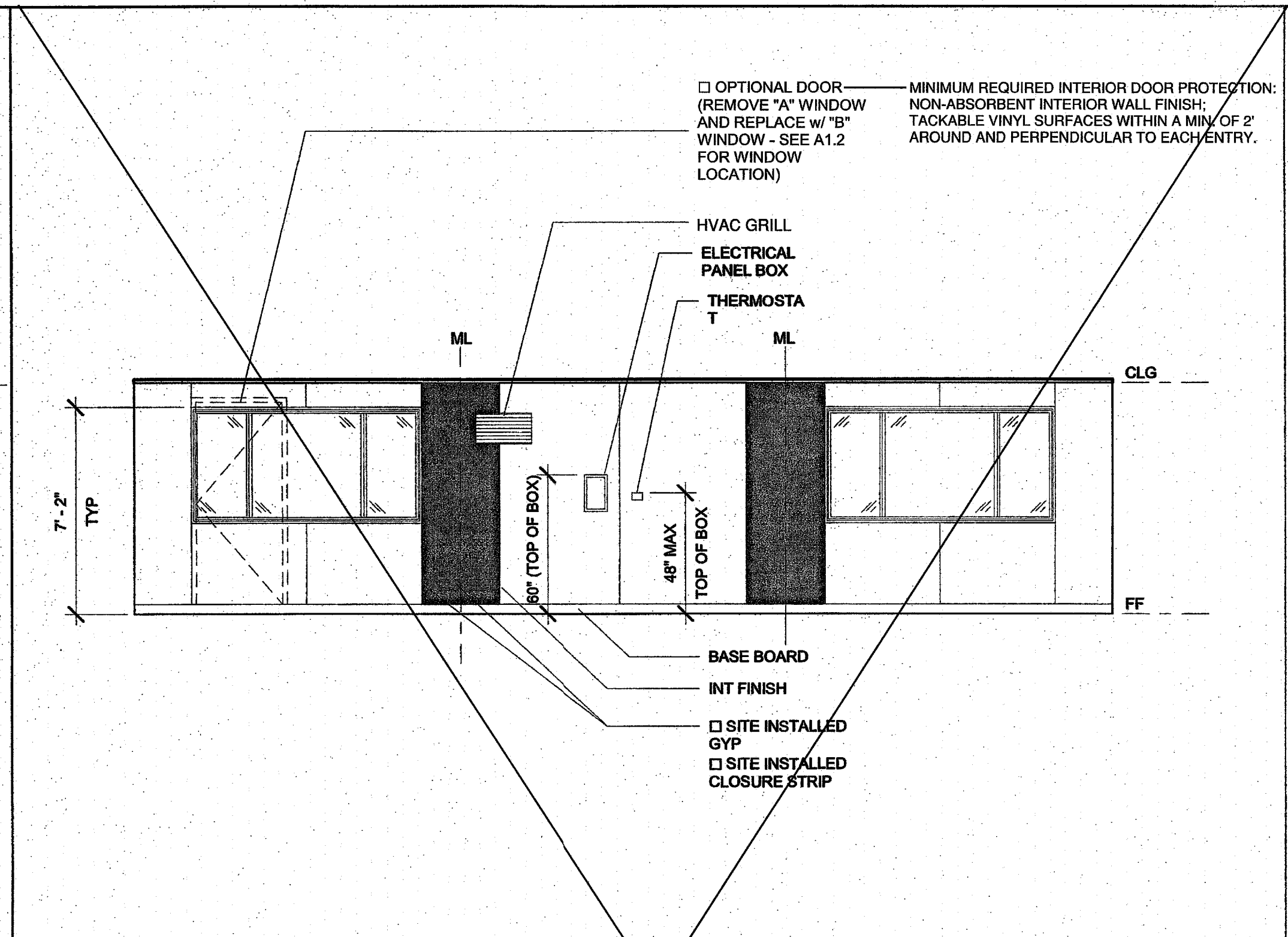
SHEET TITLE
ENDWALL ELEVATIONS

PROJECT NUMBER
17016A
DRAWN BY
rMc/SC
CHECKED BY
JA/RT
DATE
2017/06/05
SHEET NO.
A5.1
SHEET OF SHEETS

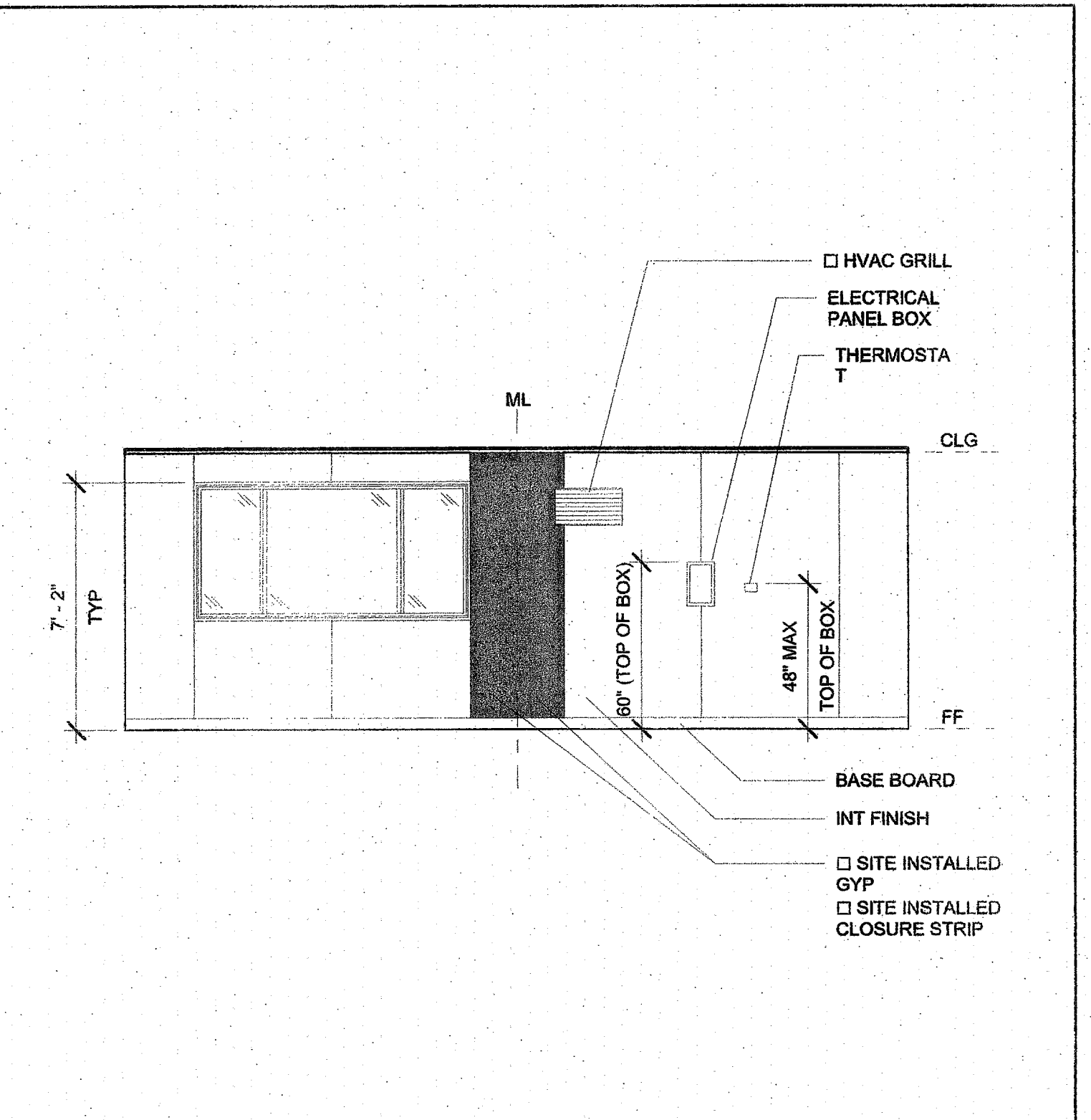
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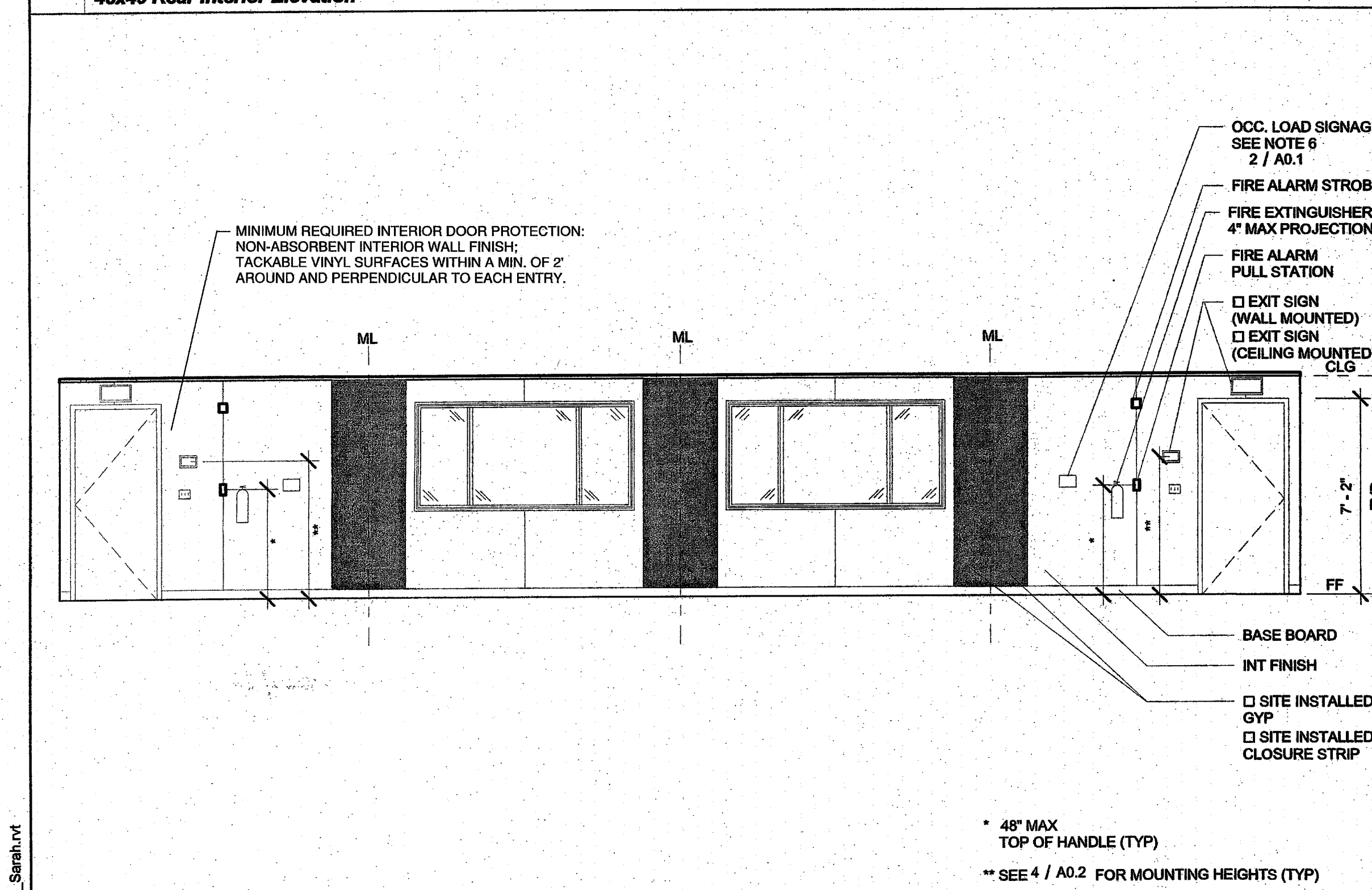
7 1/4" = 1'-0"
48x40 Rear Interior Elevation



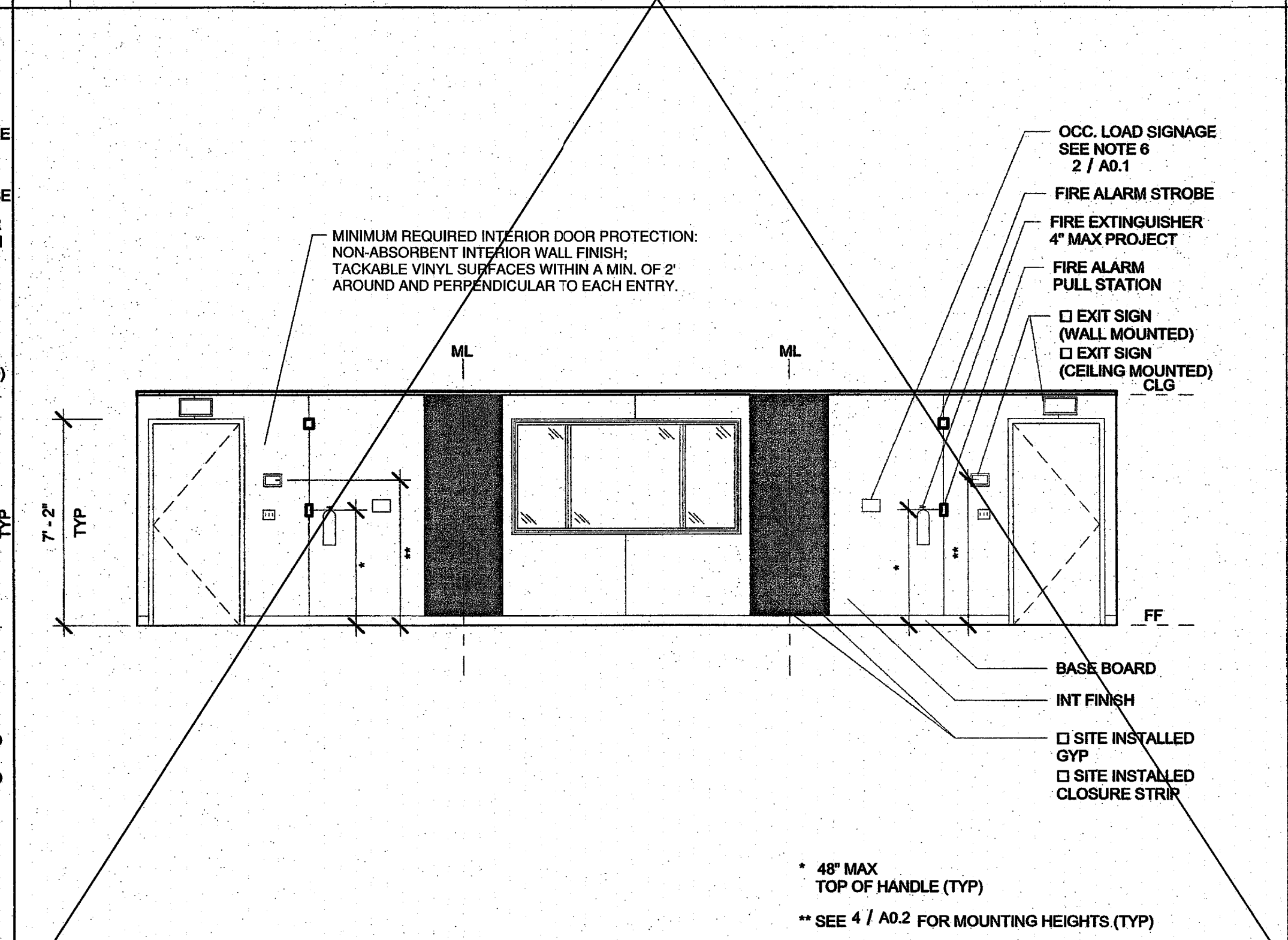
6 1/4" = 1'-0"
36x40 Rear Interior Elevation



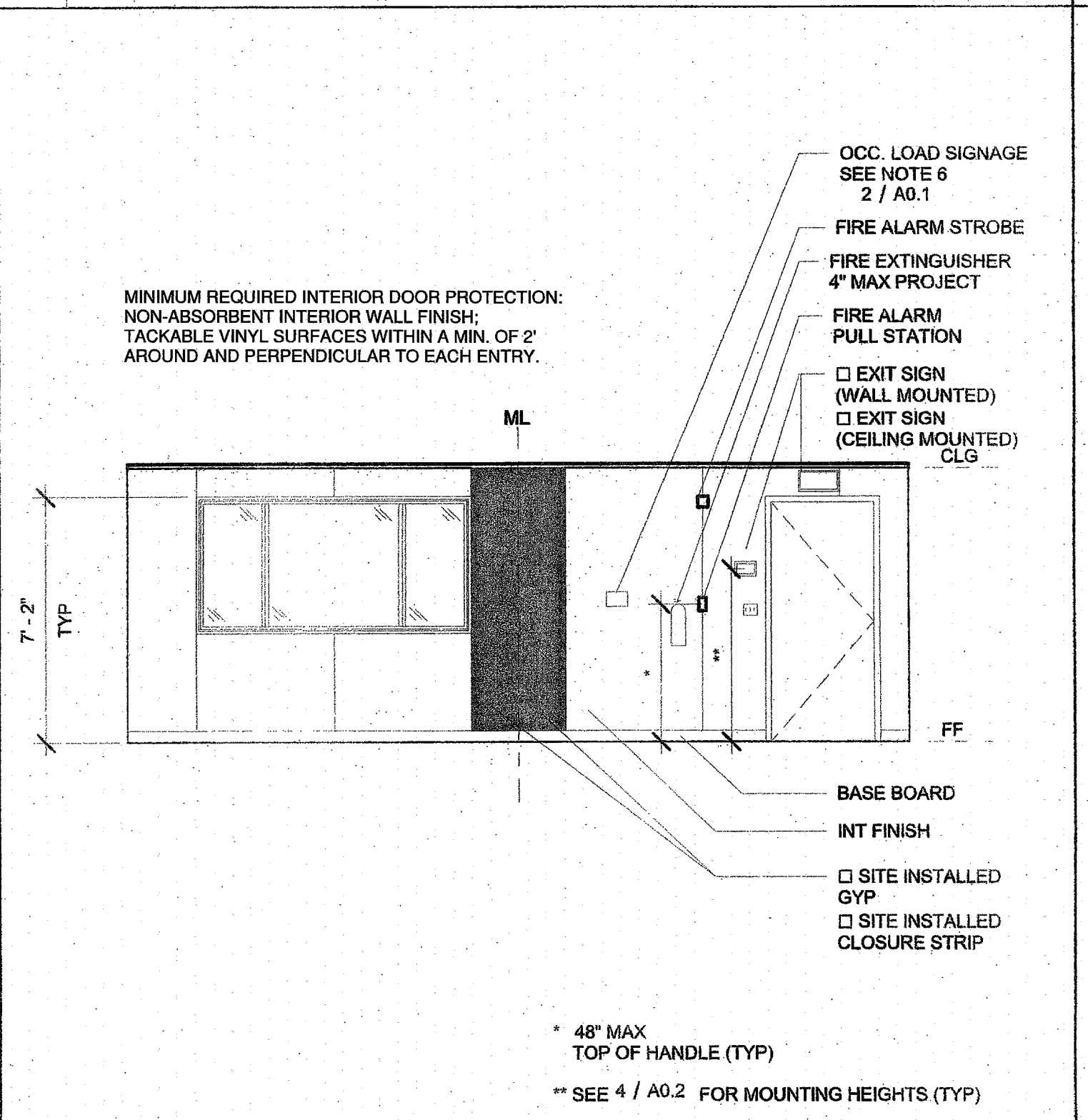
4 1/4" = 1'-0"
24x40 Rear Interior Elevation



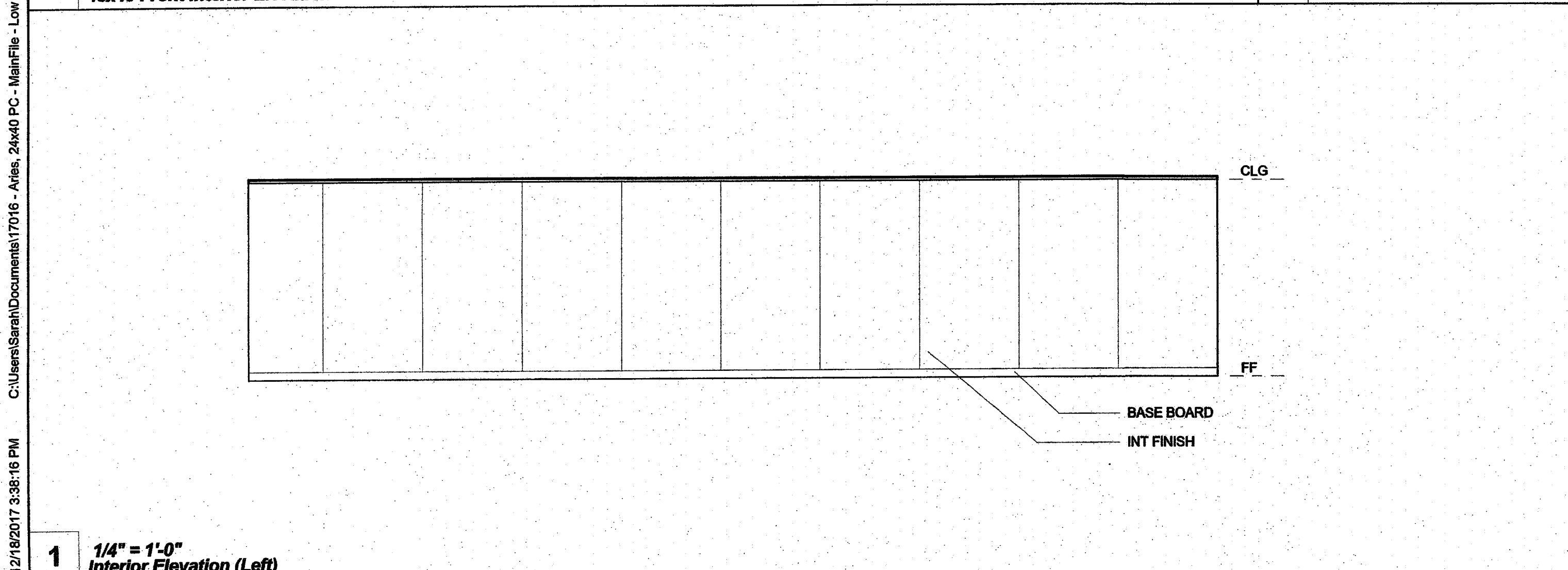
8 1/4" = 1'-0"
48x40 Front Interior Elevation



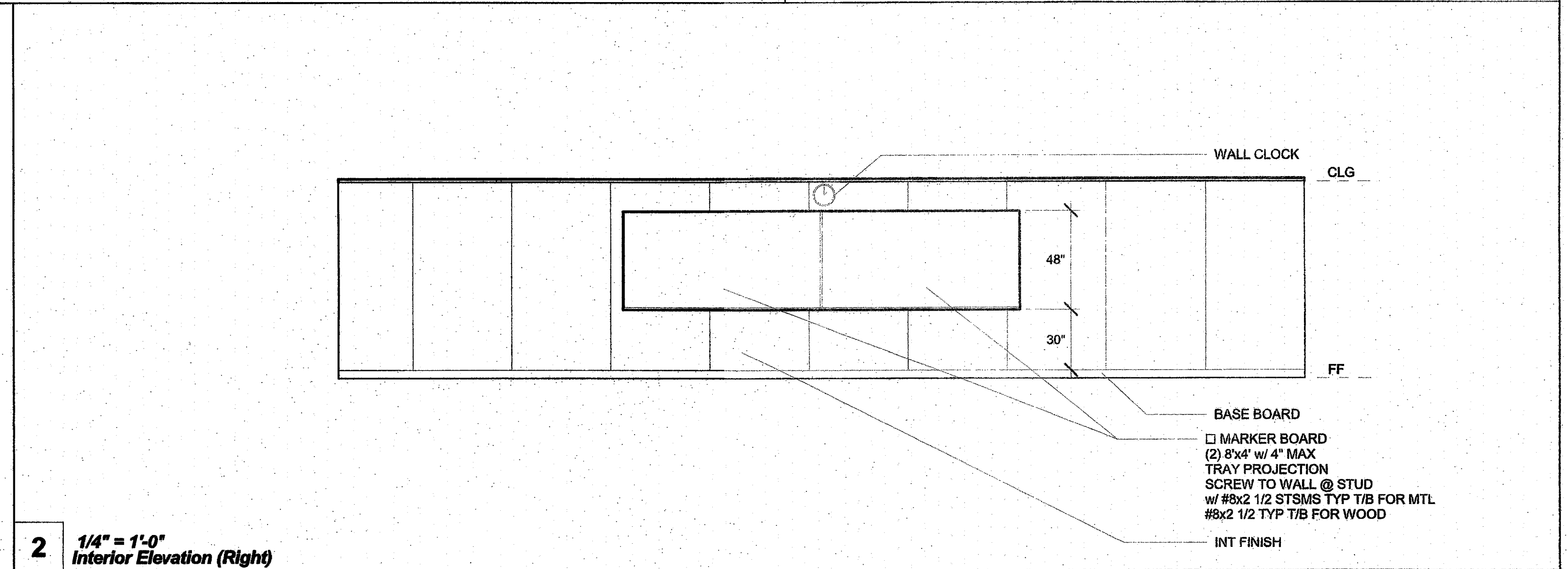
5 1/4" = 1'-0"
36x40 Front Interior Elevation



3 1/4" = 1'-0"
24x40 Front Interior Elevation



1 1/4" = 1'-0"
Interior Elevation (Left)



2 1/4" = 1'-0"
Interior Elevation (Right)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

PROFESSIONAL STAMP

12/19/2017

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Perris, CA 92571

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FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC_RM_FLS_EA_SSP_KER
DATE: 07/19/2018

PROJECT TITLE
**24' x 40'
EXPANDABLE TO
120' x 40'**

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118239
ACS_PLS_SS
DATE: MAR 07 2019

Revision Schedule

#	Description	Date

SHEET TITLE
INTERIOR ELEVATIONS

PROJECT NUMBER
17016A

DRAWN BY
rMc/SC

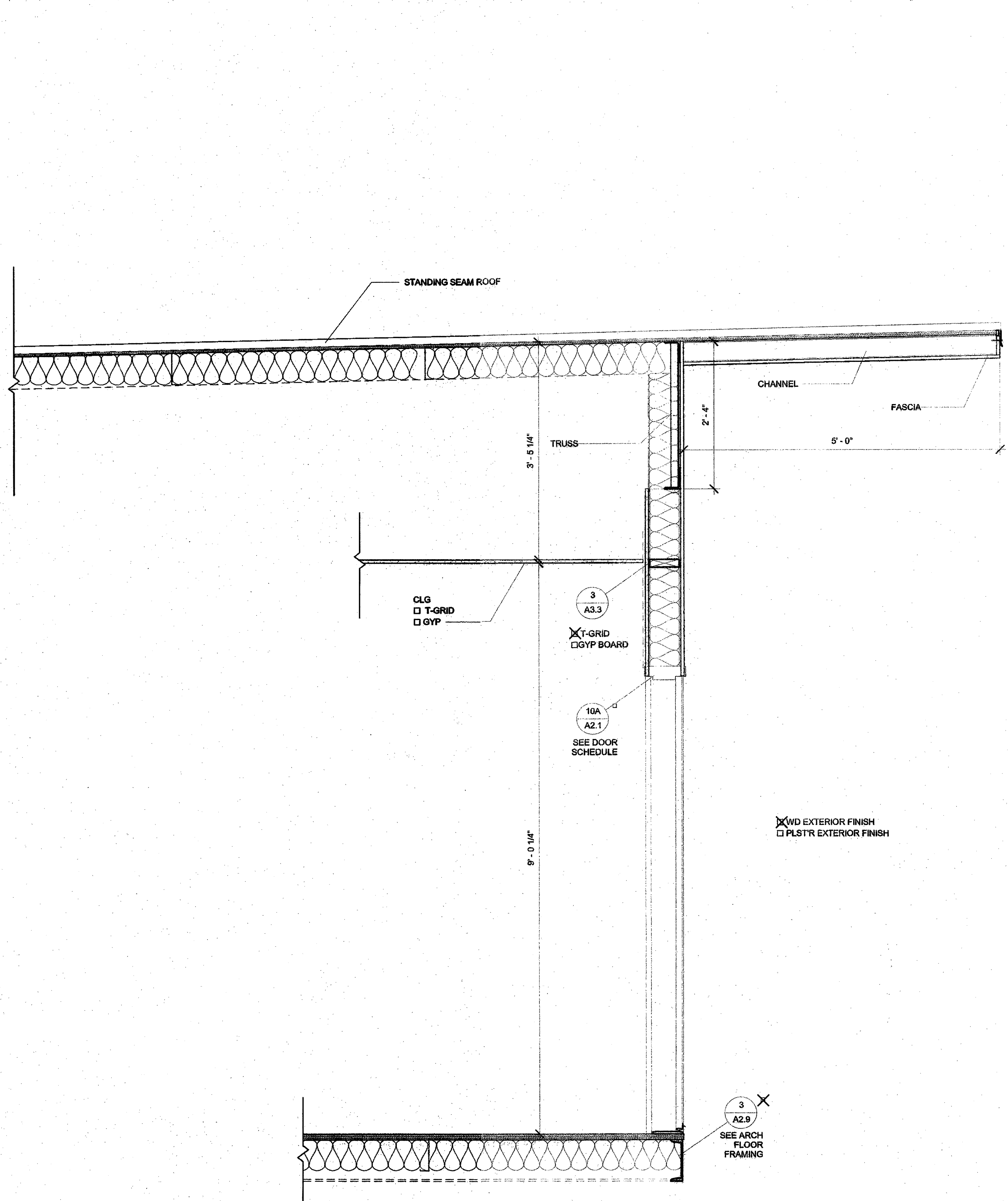
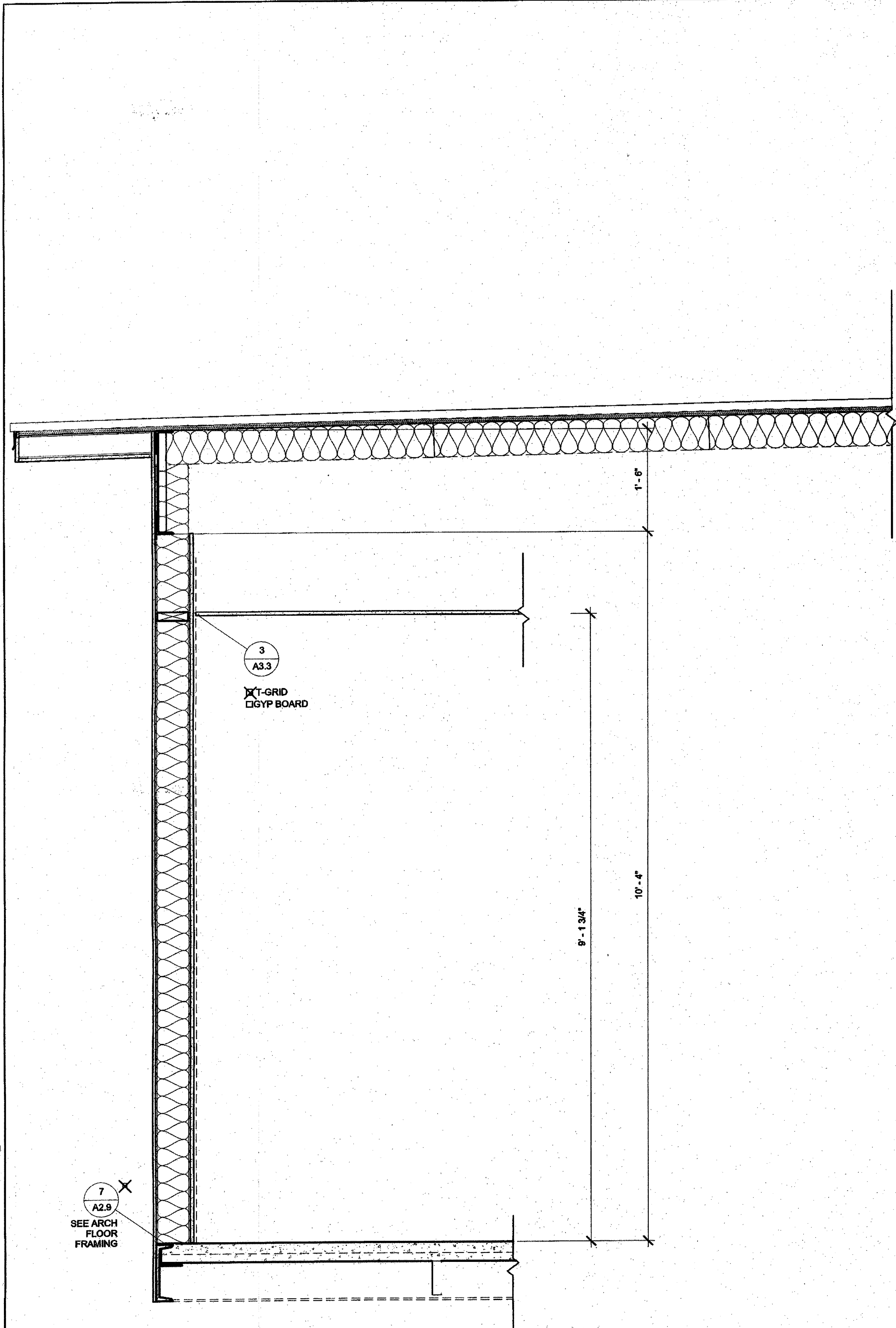
CHECKED BY
JA/RT

DATE
2017/06/05

SHEET NO.
A5.2

SHEET OF SHEETS

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12/18/2017 3:38:16 PM C:\Users\Search\Desktop\17016 - Alex_2\A60 PC - Main\Files - Low Seismic_Search.rvt

1 1" = 1'-0"
Section (EPDM)2

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

PROFESSIONAL STAMP

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04 - 116504 INCR: 0
AC, RM, FLS, EA, SSR, KER
DATE: 07/19/2018

PROJECT TITLE
**24' x 40'
EXPANDABLE TO
120' x 40'**

PRE-CHECK (PC) DOCUMENT
Code: | 2016 | CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118238
ACS, FLS, SSR, KER
DATE: MAR 07 2018

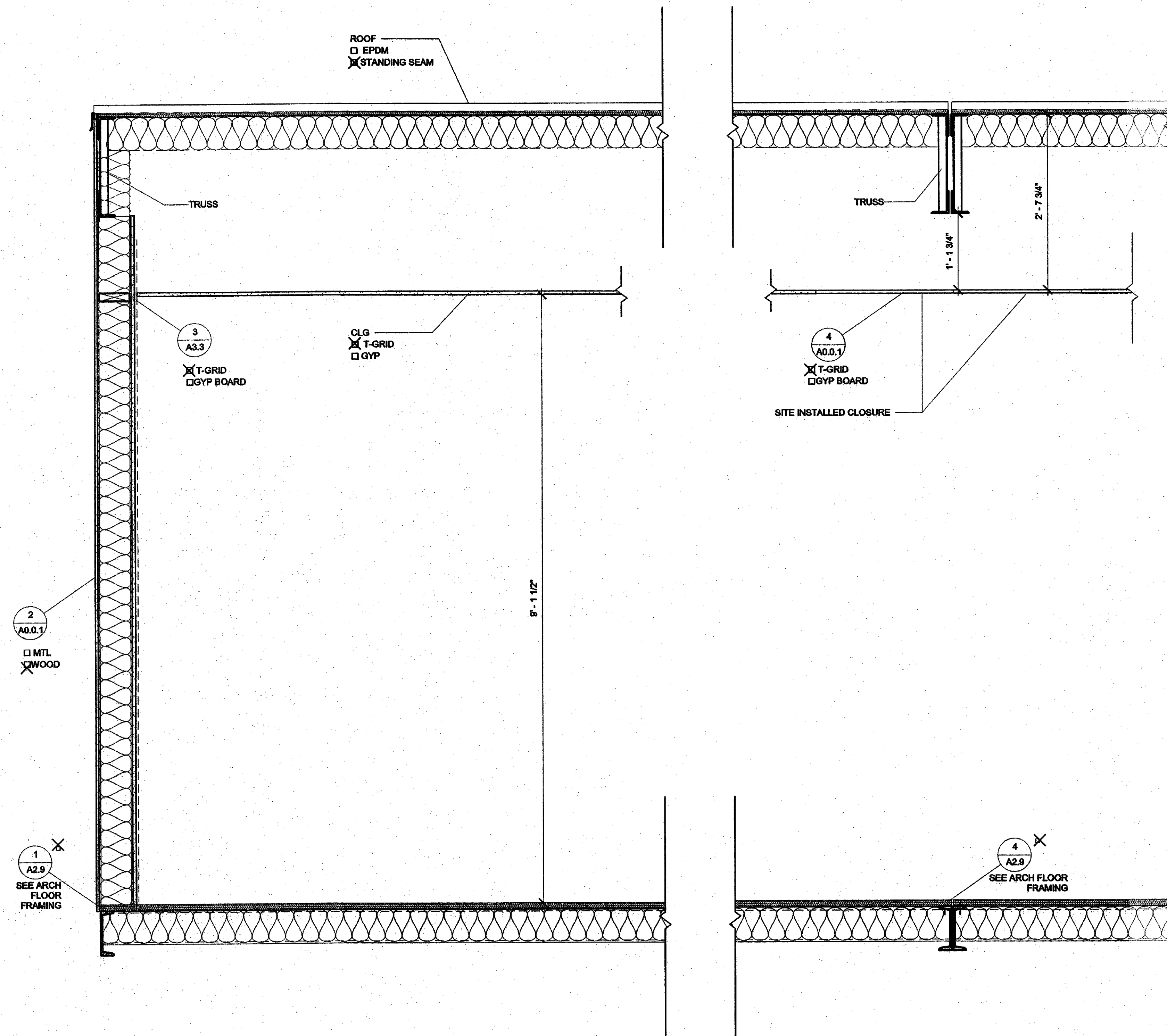
Revision Schedule
Description Date

SHEET TITLE
**SECTION -
STANDING SEAM
(MONO)**

PROJECT NUMBER
17016A
DRAWN BY
rMc/SC
CHECKED BY
JA/RT
DATE
2017/06/05

SHEET NO.
A6.0
SHEET OF SHEETS

12/18/2017 3:38:17 PM C:\Users\Sarah\Documents\17016 - Anis_24x40 PC - Main\Fils - Low Seismic_Secth.rvt



1 1" = 1'-0" Latitudinal Section

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-121488 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 6/29/2023

PROFESSIONAL STAMP

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CLASS
 LEASING LLC
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 Perris, CA 92571

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 DIVISION OF THE STATE ARCHITECT
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 AC, RM, FLS, EA, SSR, HER
 DATE: 07/19/2018

PROJECT TITLE
 24' x 40'
 EXPANDABLE TO
 120' x 40'

PRE-CHECK (PC) DOCUMENT
 Code: | 2016 | CBC
 A separate project application for construction is required.

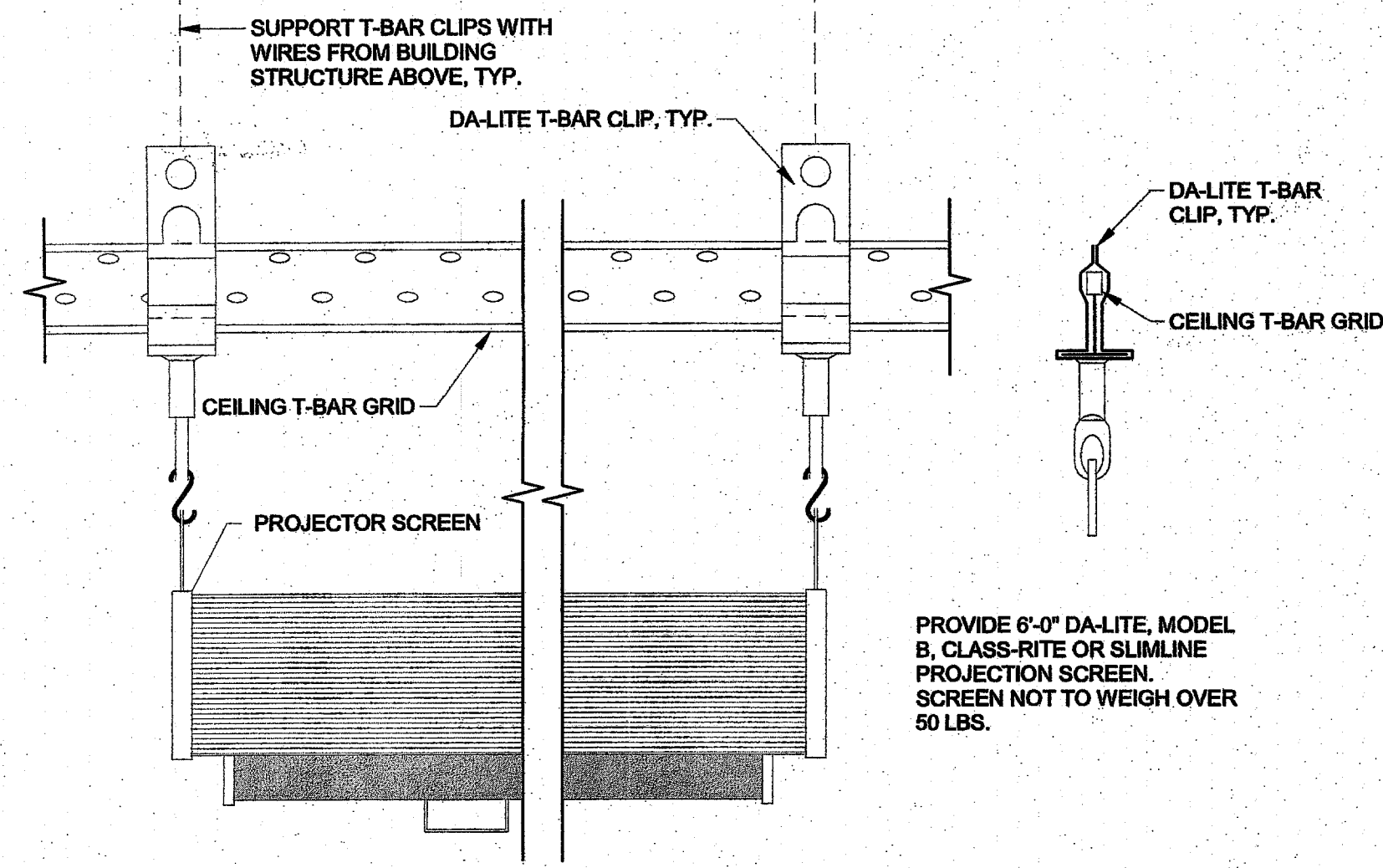
PROJECT SPECIFIC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 118238
 ACS FLS SS
 DATE: MAR 9 7 2017

Revision Schedule

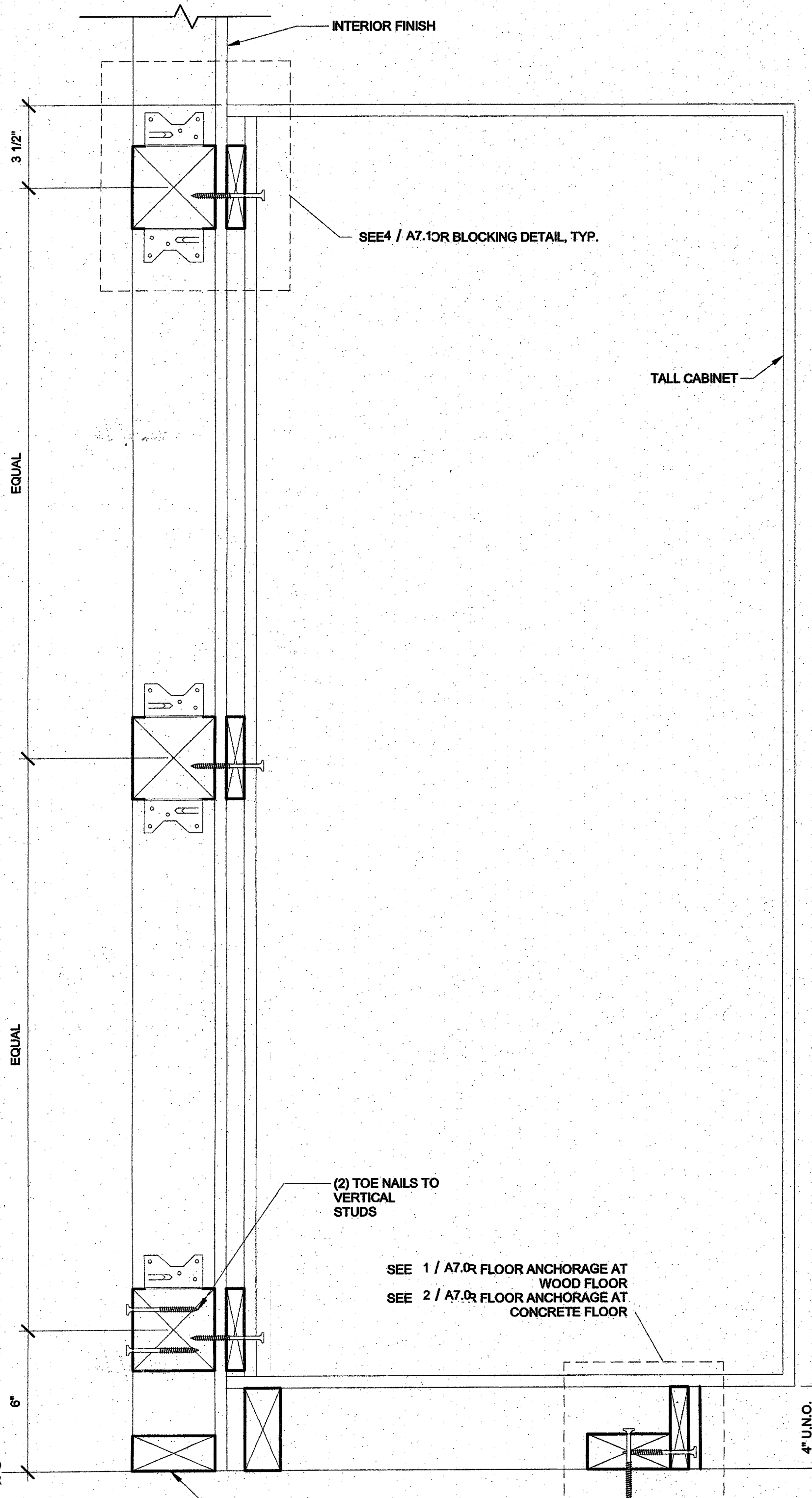
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SHEET TITLE
SECTION

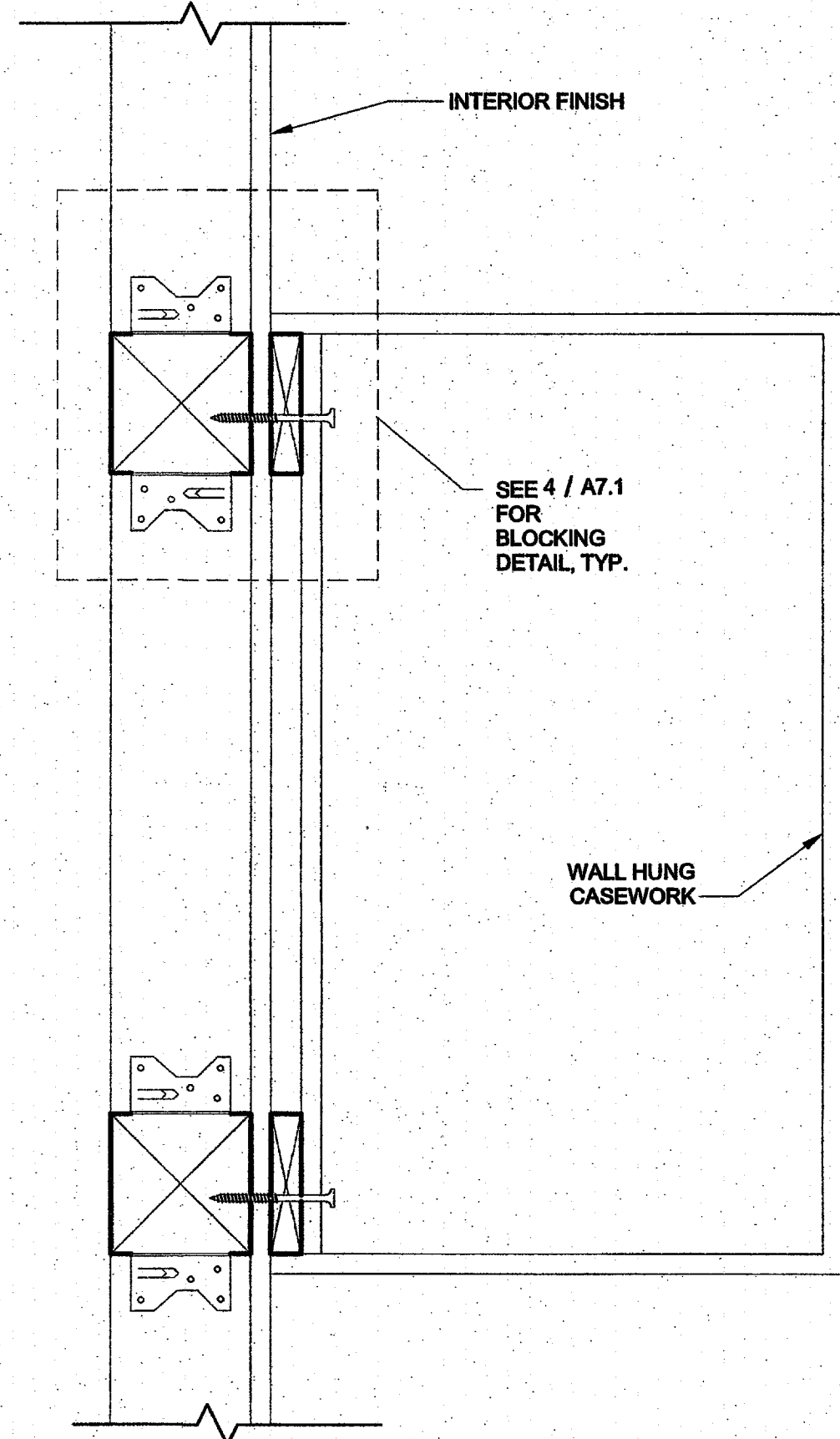
PROJECT NUMBER
 17016A
 DRAWN BY
 rMc/SC
 CHECKED BY
 JA/RT
 DATE
 2017/06/05
 SHEET NO.
A6.2
 SHEET OF SHEETS



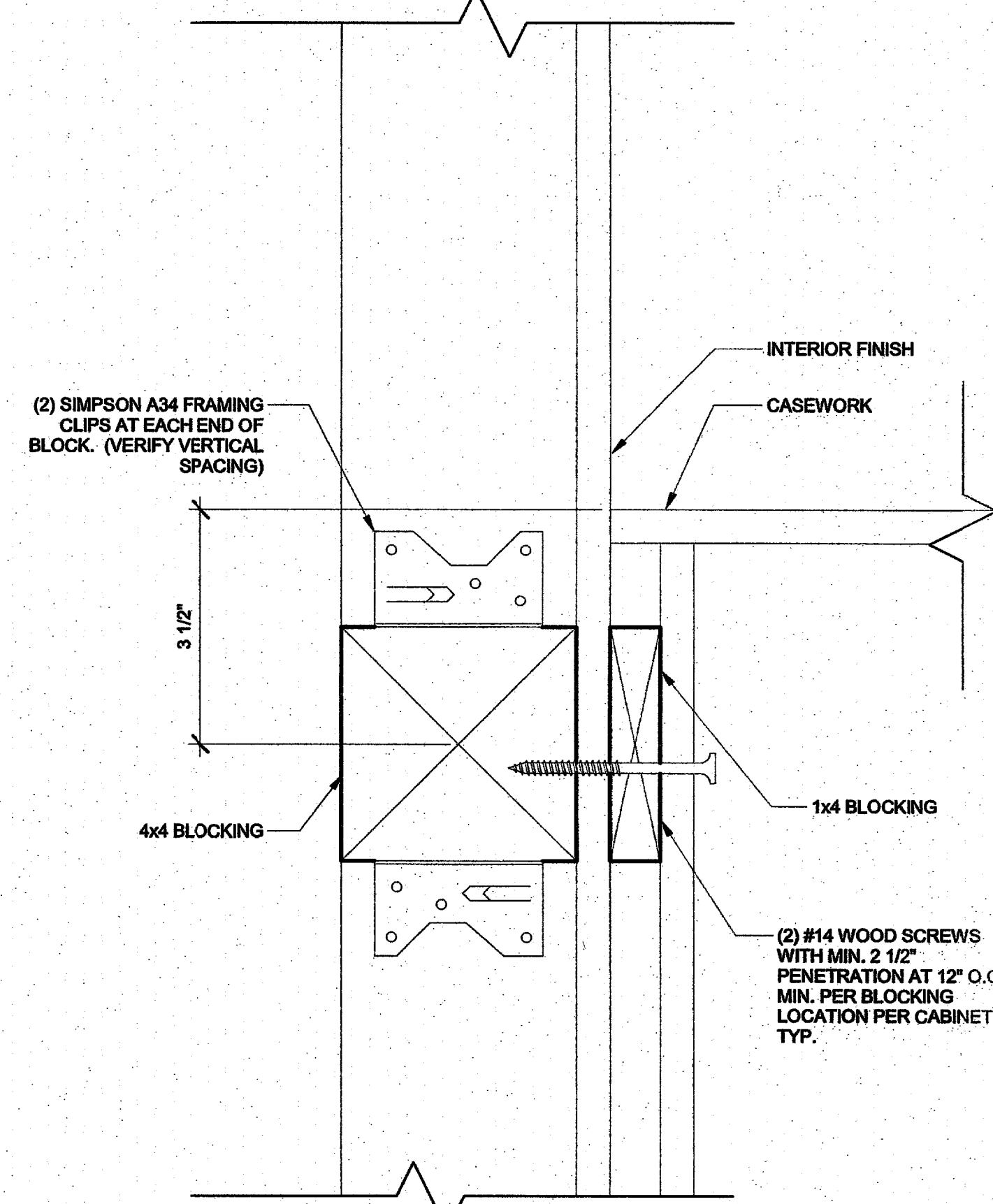
7 1 1/2" = 1'-0" Projection Screen Mounting



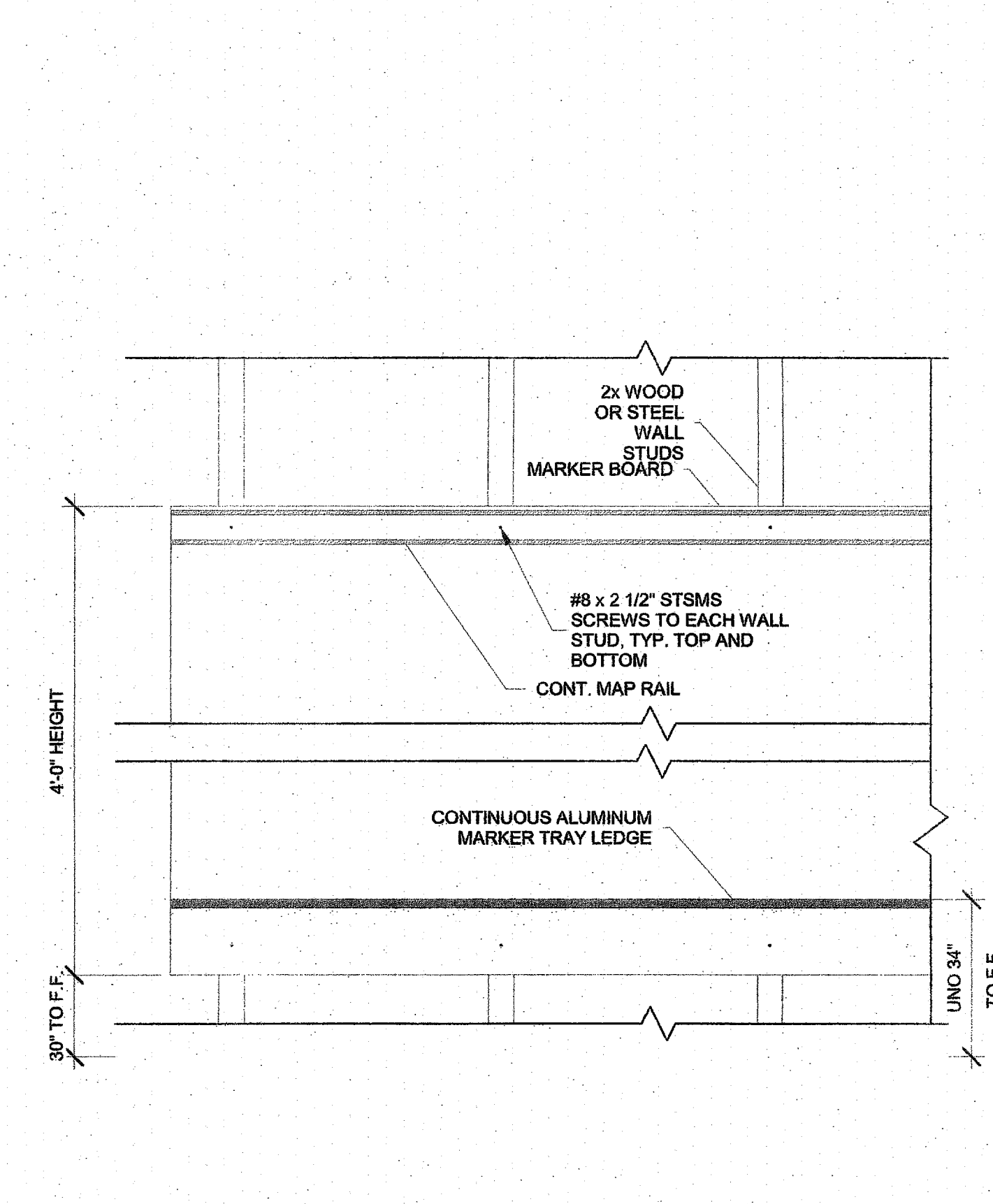
6 3" = 1'-0" Tall Cabinet Wall Anchorage at Wood Stud



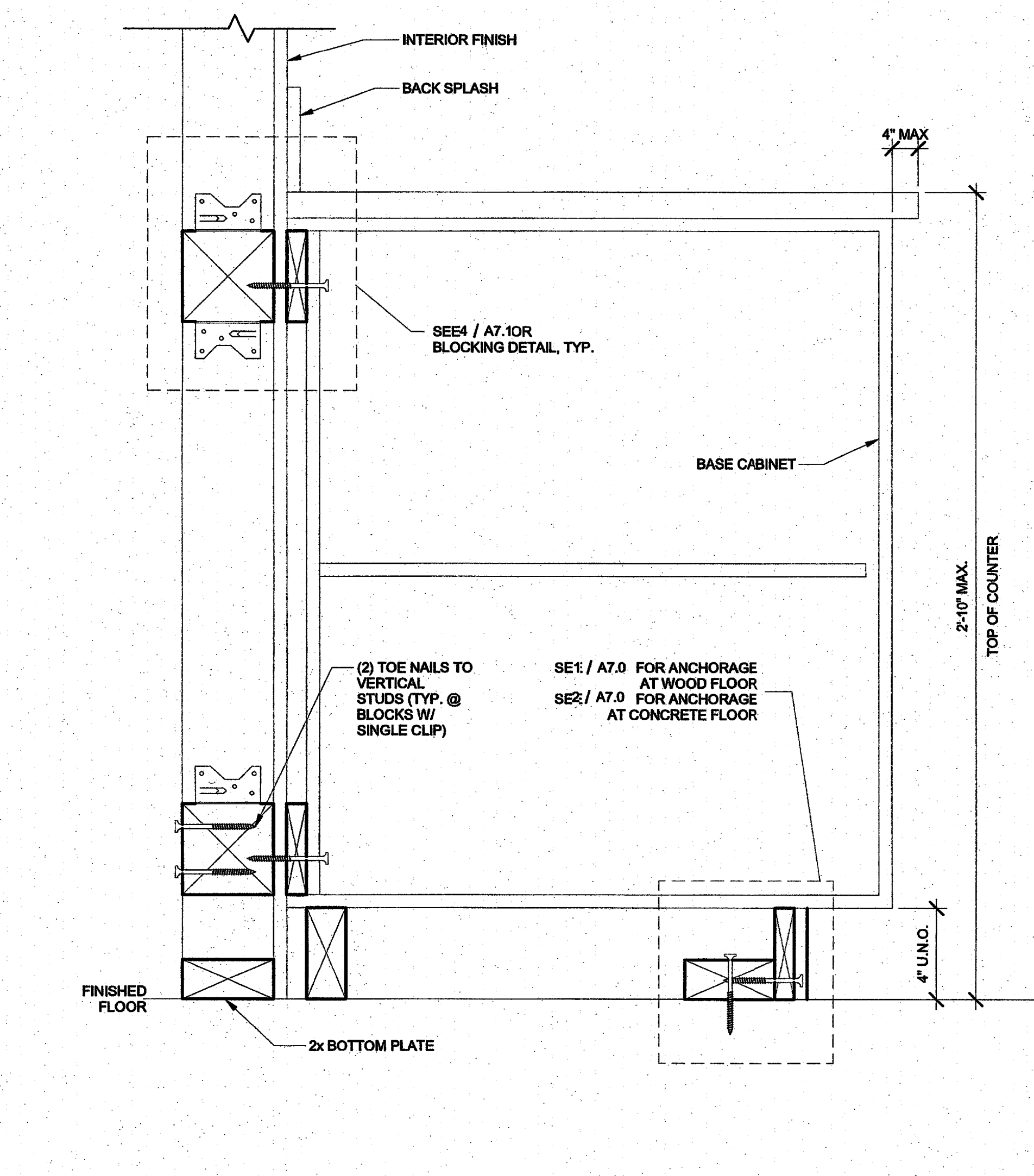
5 3" = 1'-0" Wall Hung Anchorage Cabinet at Wood Stud



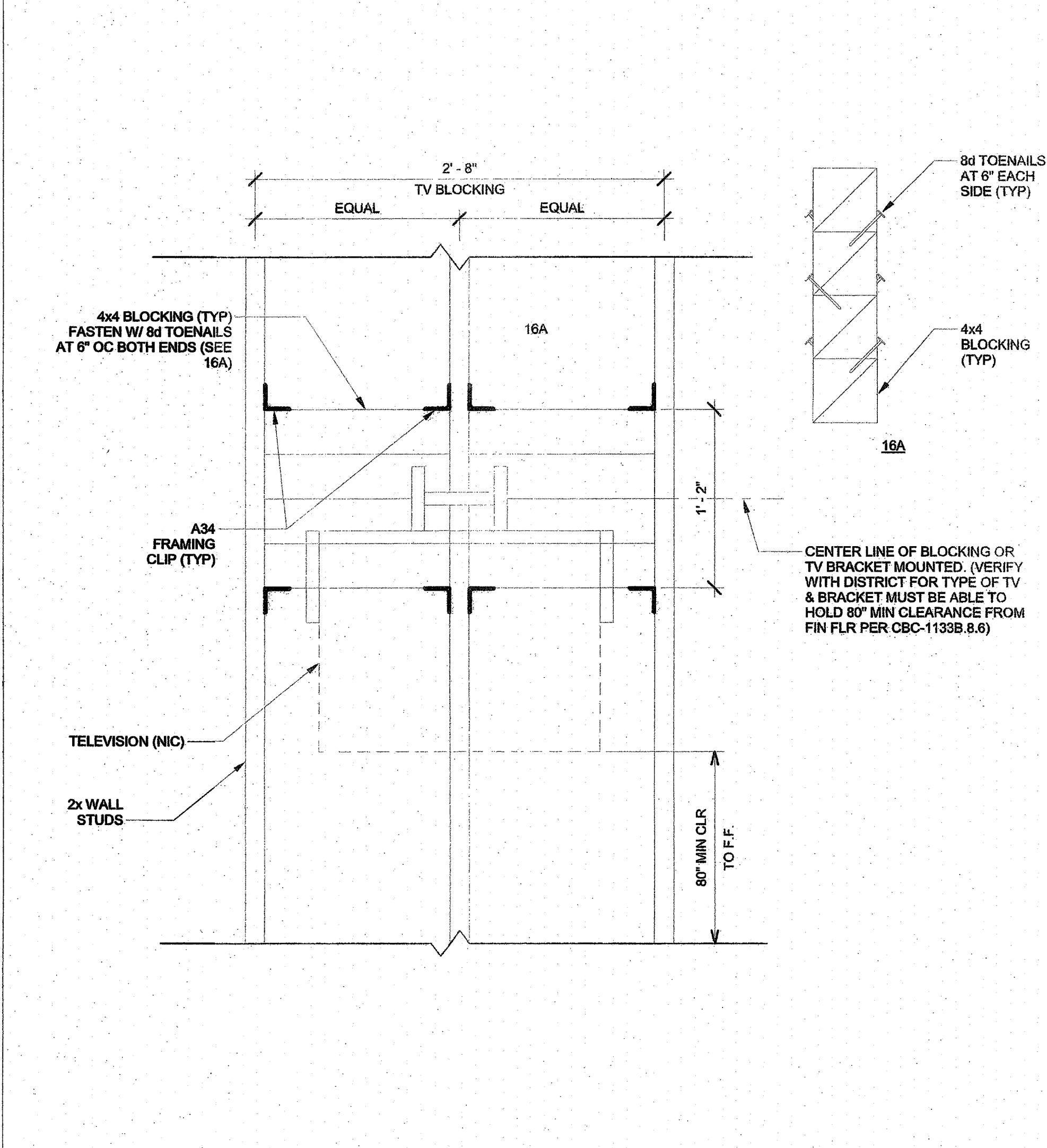
4 6" = 1'-0" Attachment to Blocking at Wood Stud



3 1 1/2" = 1'-0" Marker Board Attachment



2 3" = 1'-0" Base Cabinet Wall Anchorage at Wood Stud



1 1 1/2" = 1'-0" T.V. Blocking Attachment at Wood Stud

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
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CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 118504 INCR: 0
AC, RM, FLS, EA, SSR, KER
DATE: 07/19/2018

PROJECT TITLE
24' x 40' EXPANDABLE TO 120' x 40'

PRE-CHECK (PC) DOCUMENT
Code: 1 2016 | CBC
A separate project application for construction is required.

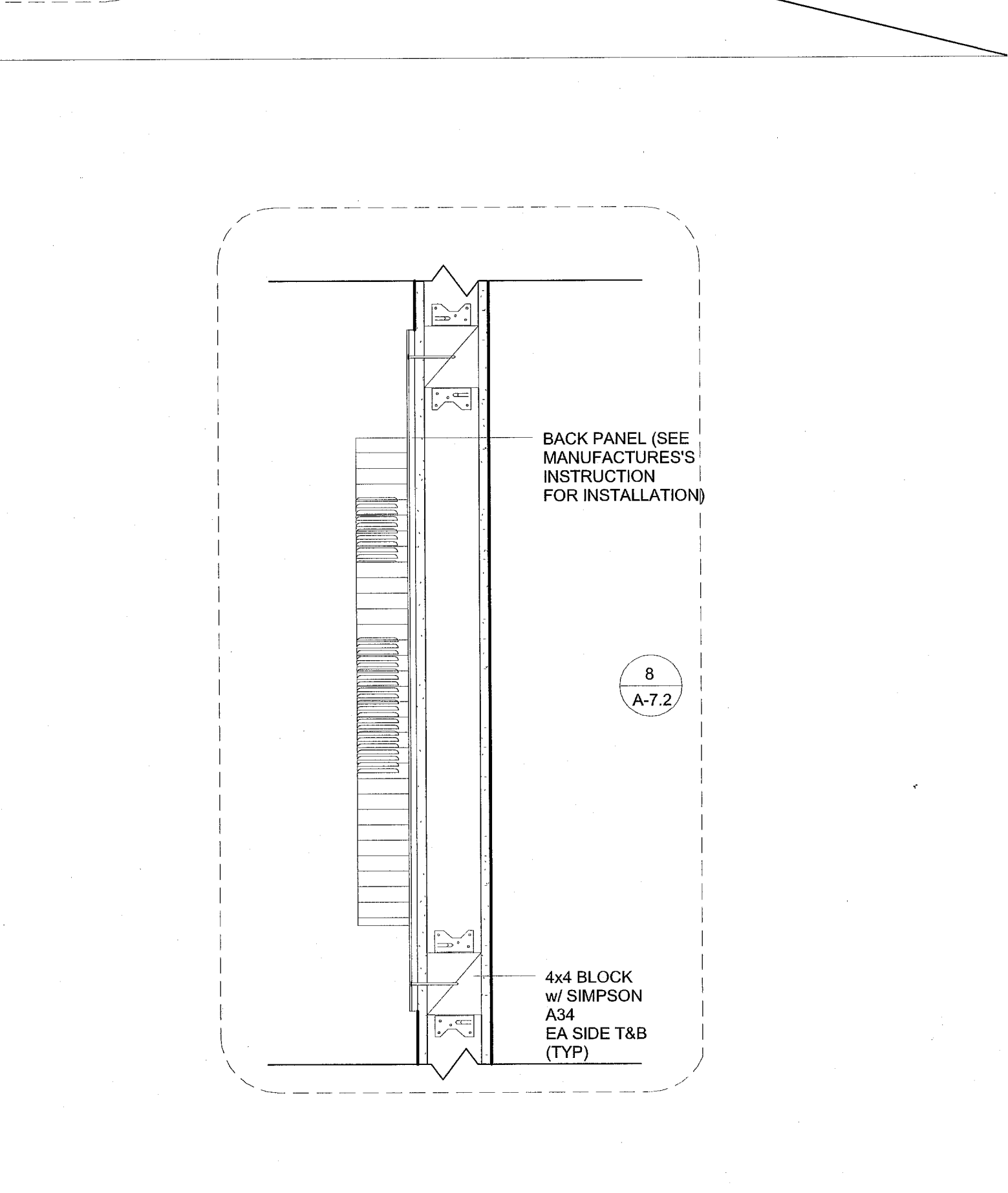
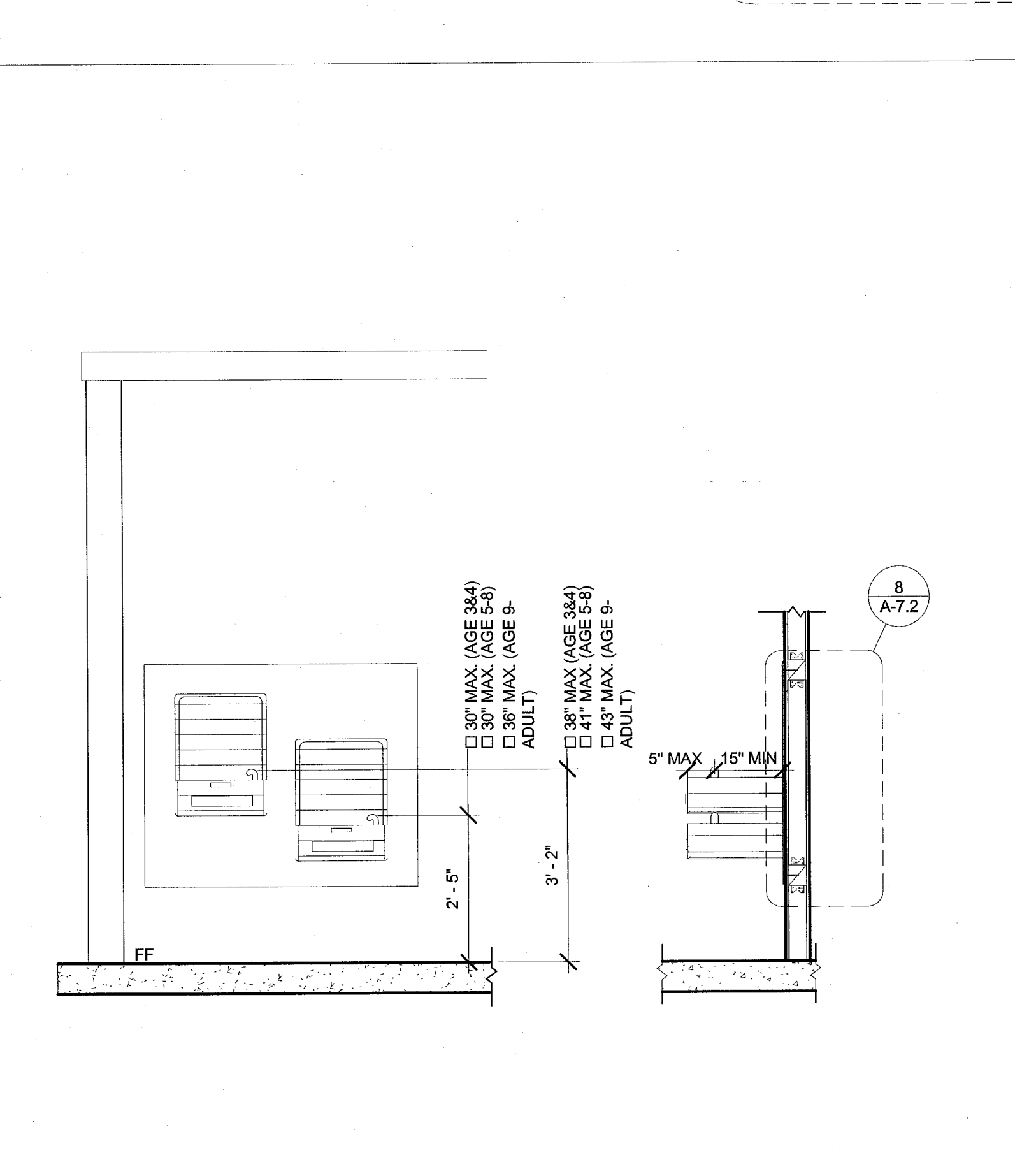
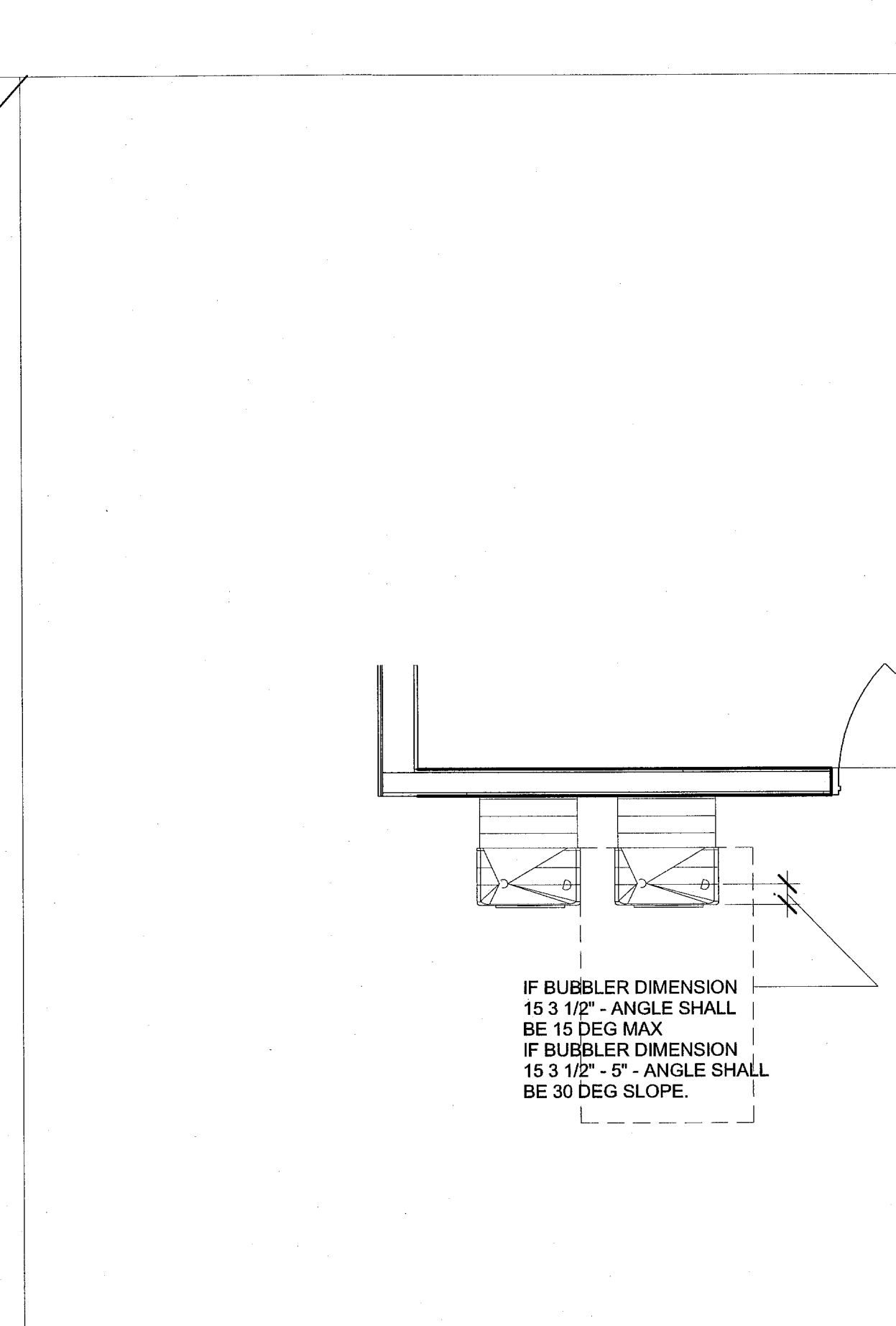
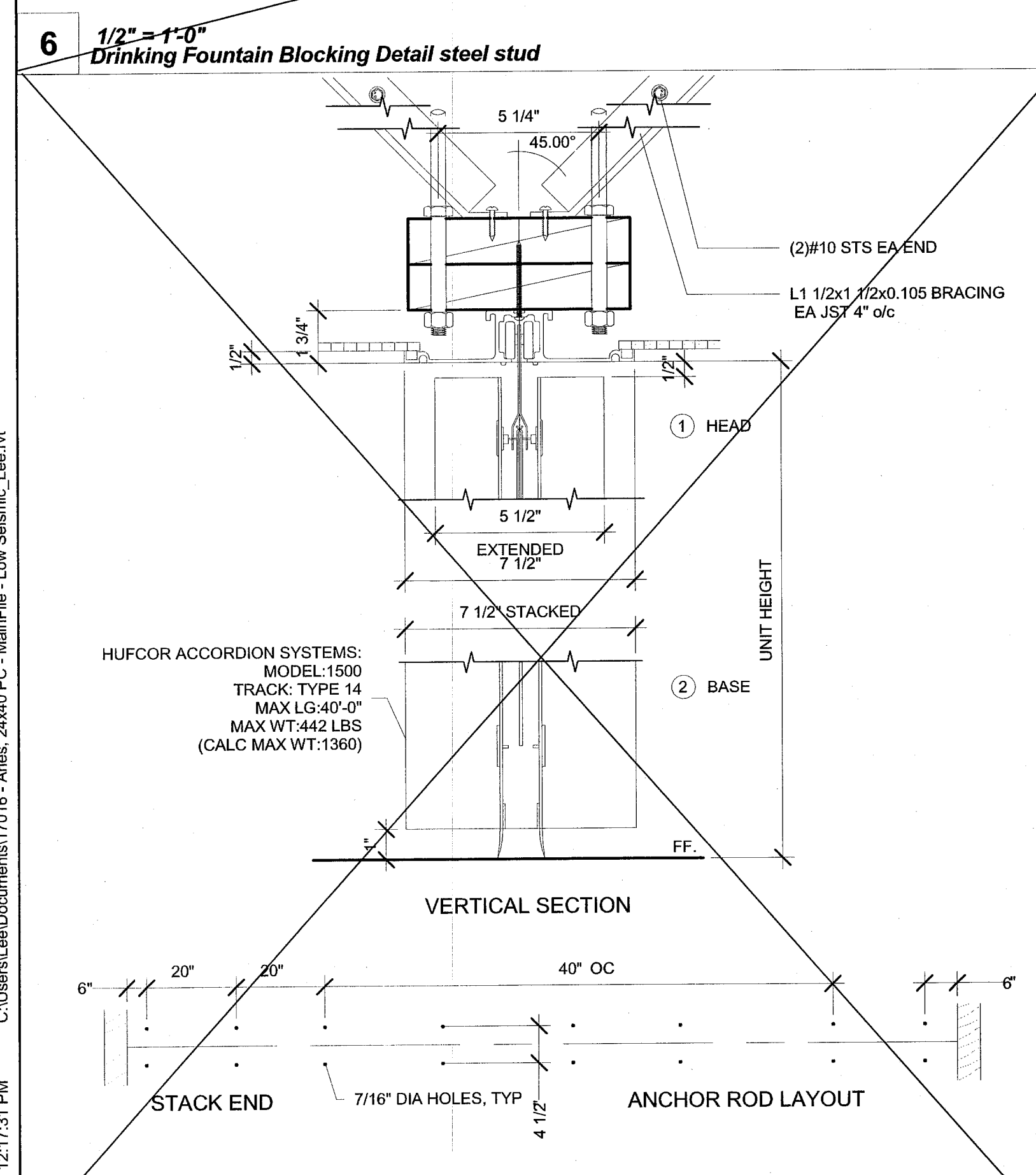
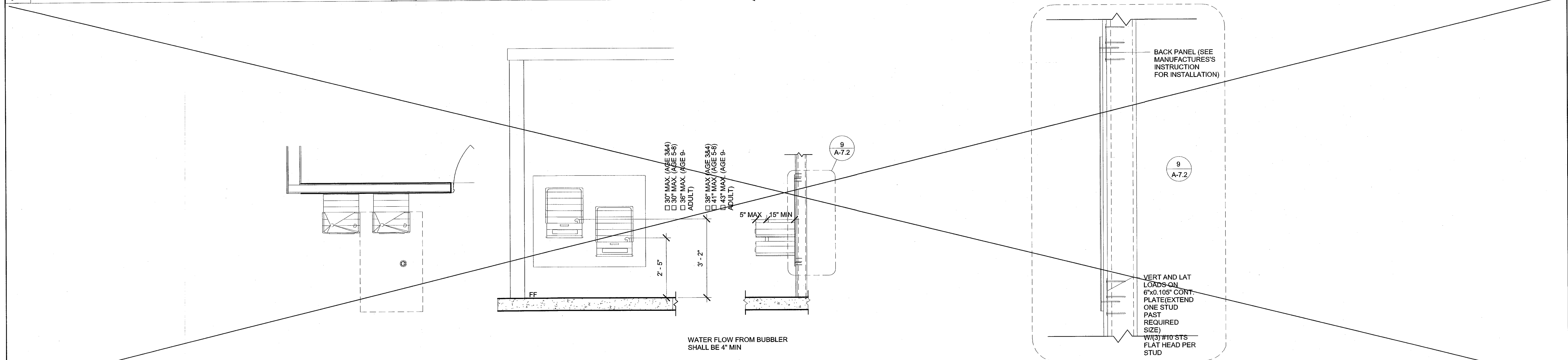
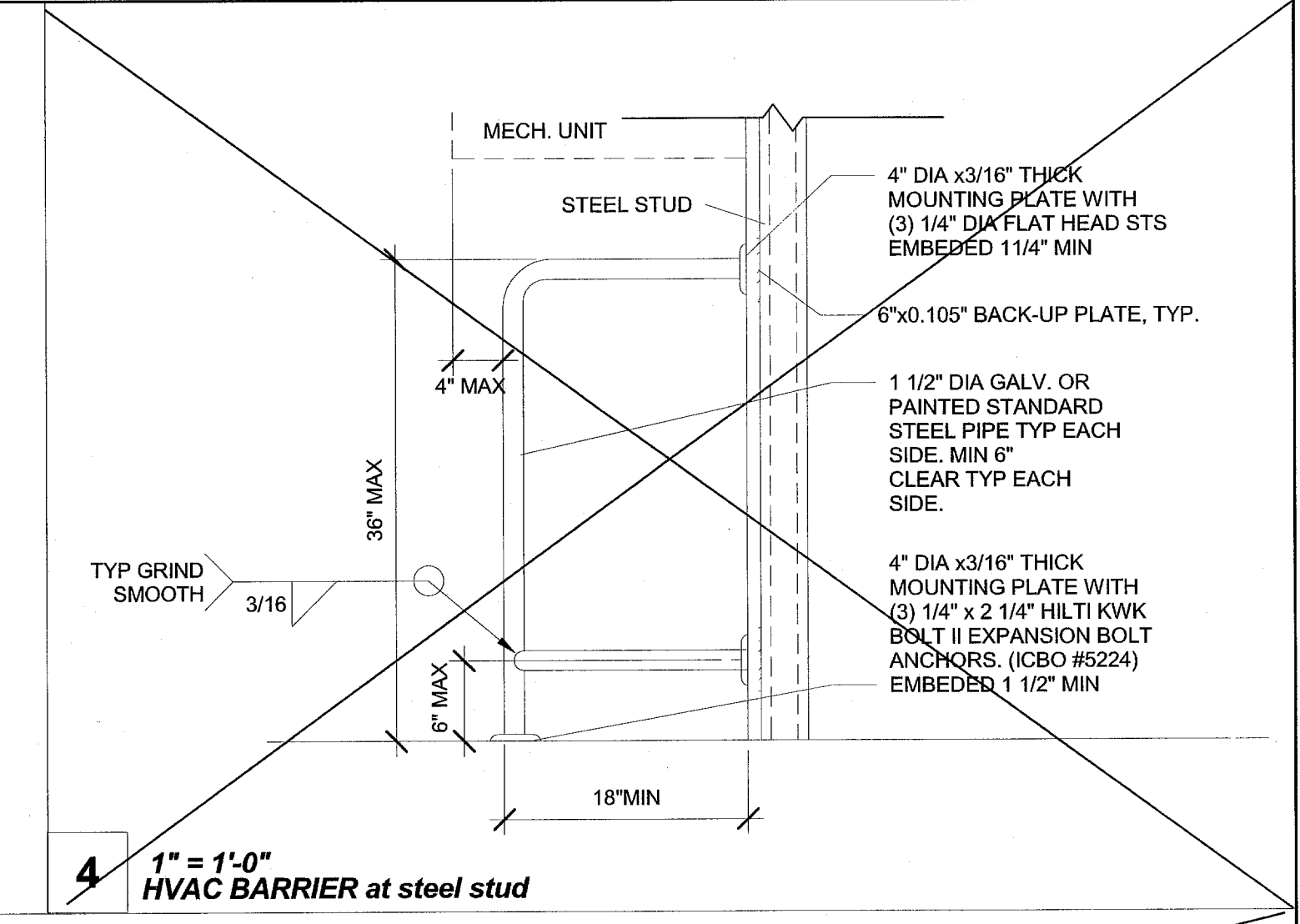
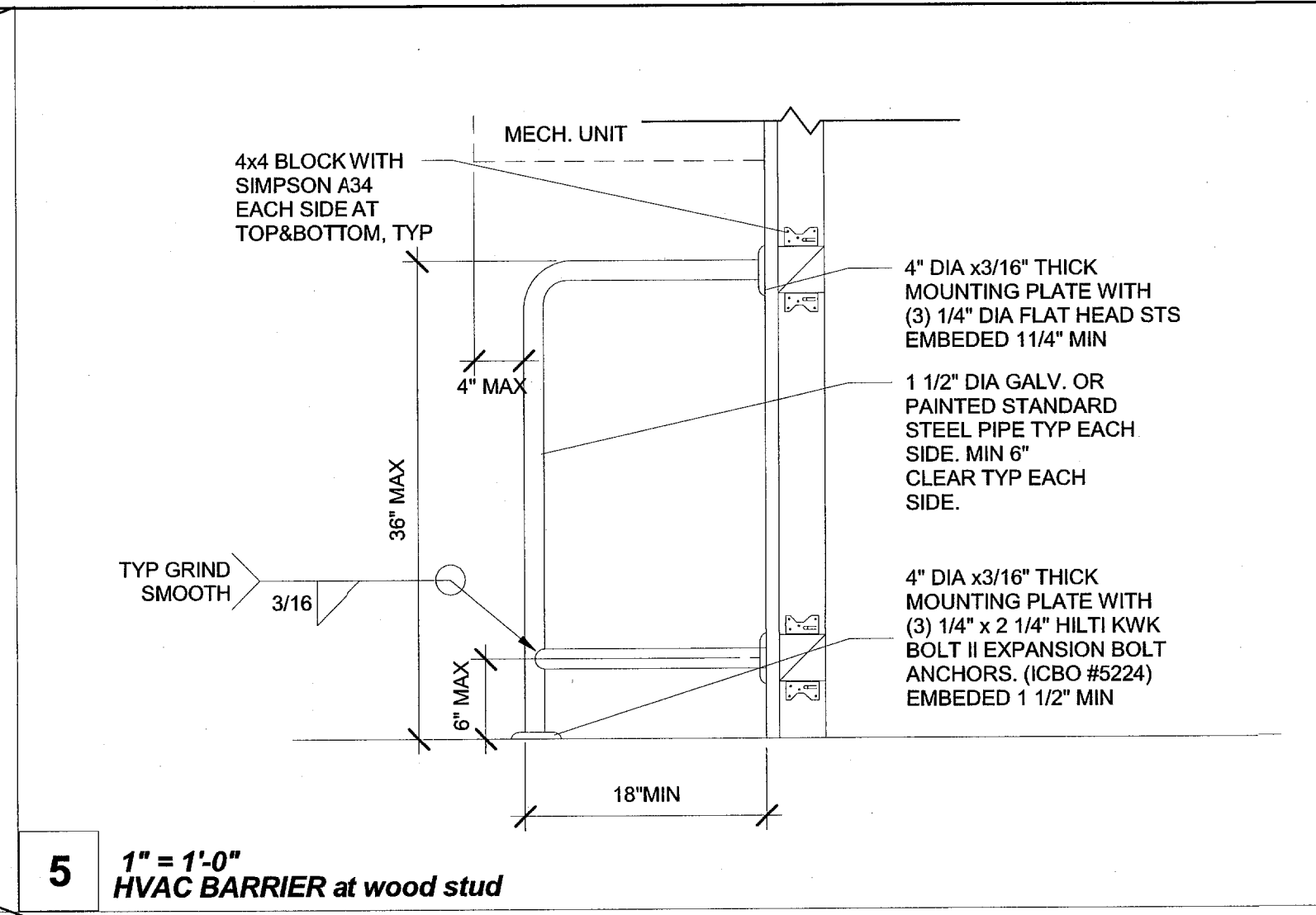
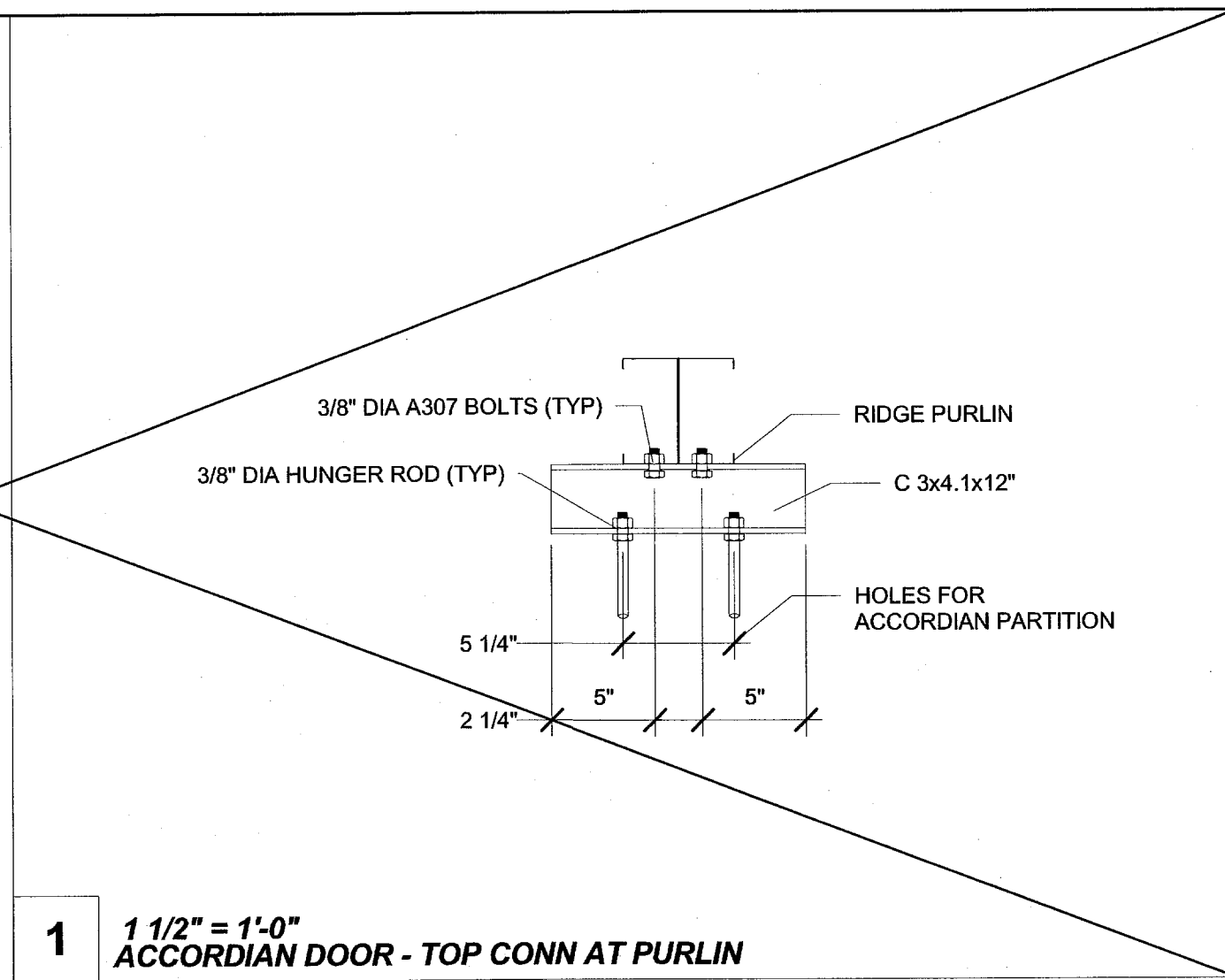
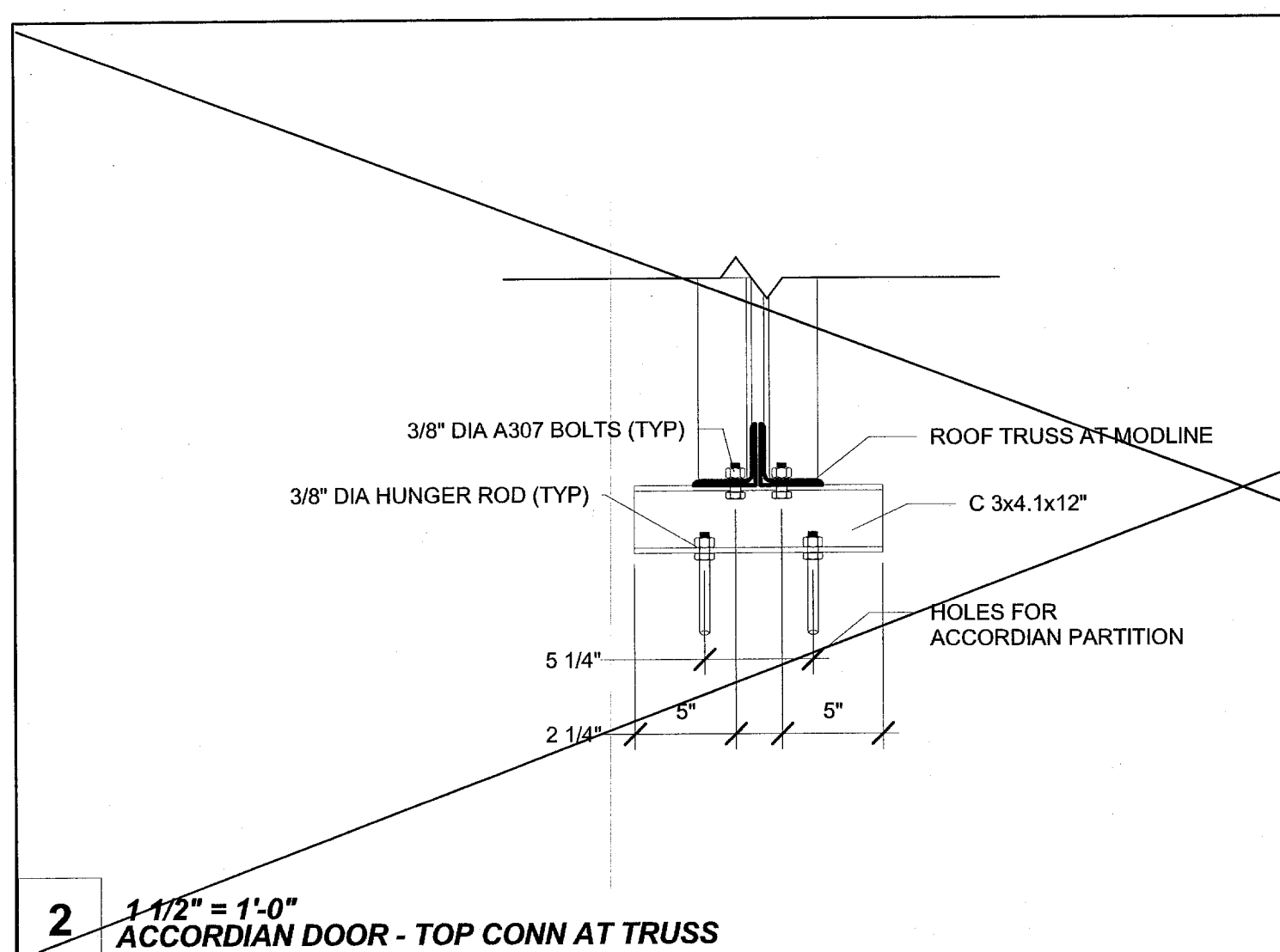
PROJECT SPECIFIC STATE AGENCY APPROVAL
~~IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118504
ACS, FLS, EA, SSR, KER
DATE: MAR 07 2023~~

Revision Schedule
Description Date

SHEET TITLE
ADDITIONAL OPTION DETAILS


PROJECT NUMBER
17016A
DRAWN BY
rMc/SC
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DATE
2017/06/05
SHEET NO.
A7.1

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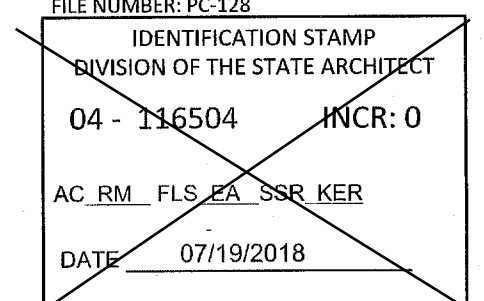
IDENTIFICATION STAMP
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 APP: 02-121488 INC:
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 SS FLS ACS
 DATE: 6/29/2023

PROFESSIONAL STAMP

 12/19/2017

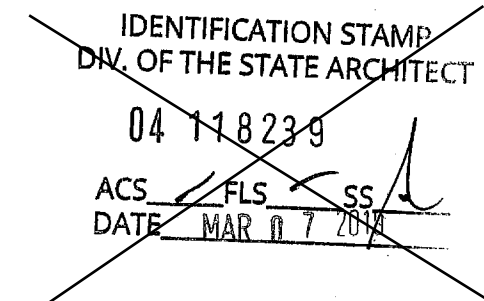
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 1221 Harley Knox Boulevard
 Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
 FILE NUMBER: PC-128

 04 - 116504 HCR: 0
 AC_RM_FLS_EX_BSR KER
 DATE: 07/19/2018

PROJECT TITLE
 24' x 40'
EXPANDABLE TO
 120' x 40'
PRE-CHECK (PC) DOCUMENT
 Code: 2016 | CBC
 A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL

 04 118230
 ACS_FLS_SS
 DATE: MAR 07 2018

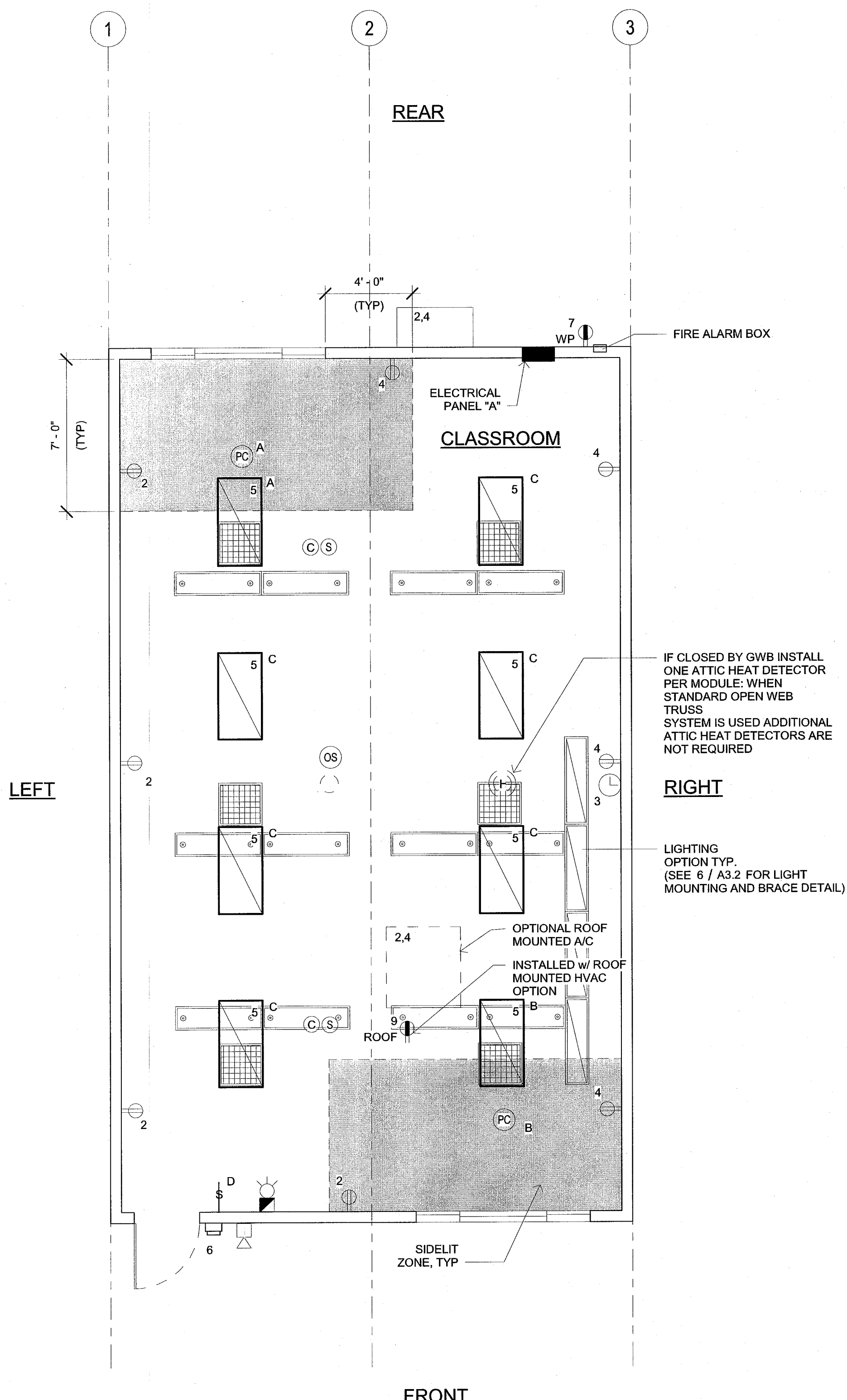
Revision Schedule

#	Description	Date

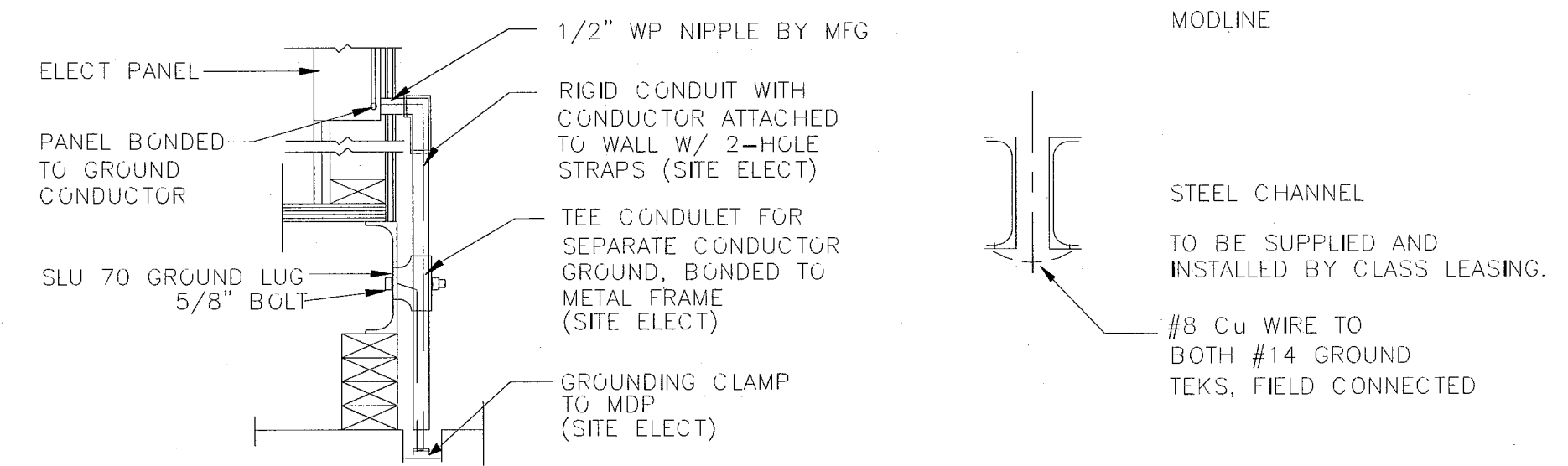
SHEET TITLE
 ADDITIONAL
 OPTION DETAILS

PROJECT NUMBER
 17016A
DRAWN BY
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CHECKED BY
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DATE
 2017/06/05
SHEET NO.
 A7.2

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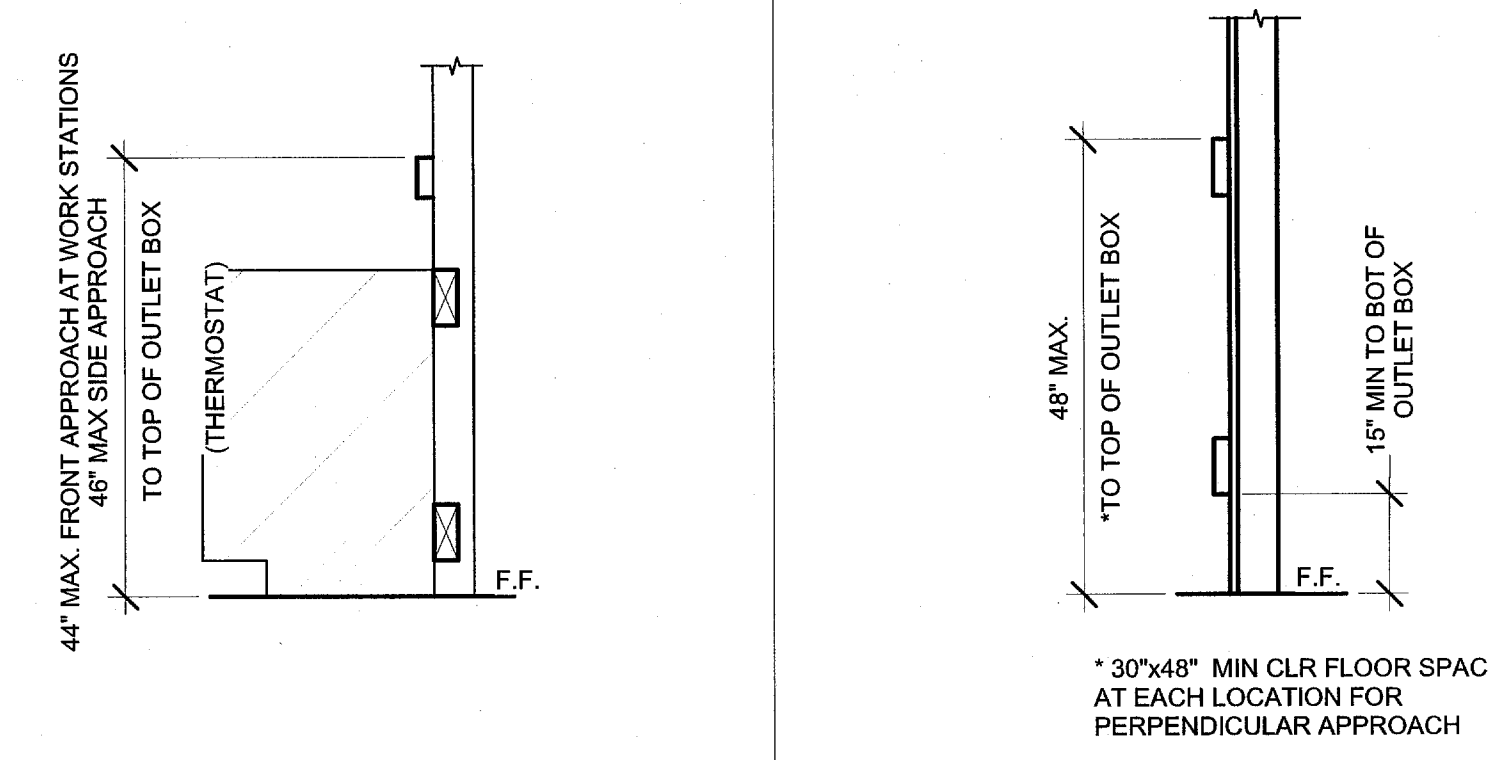


NOTE: PROVIDE A MINIMUM OF 72 SF SOLAR READY AREA PER MODULE. AREA TO BE A MINIMUM OF 5' IN ANY DIRECTION WITH A MINIMUM SPACE OF 80 SF PER BUILDING.



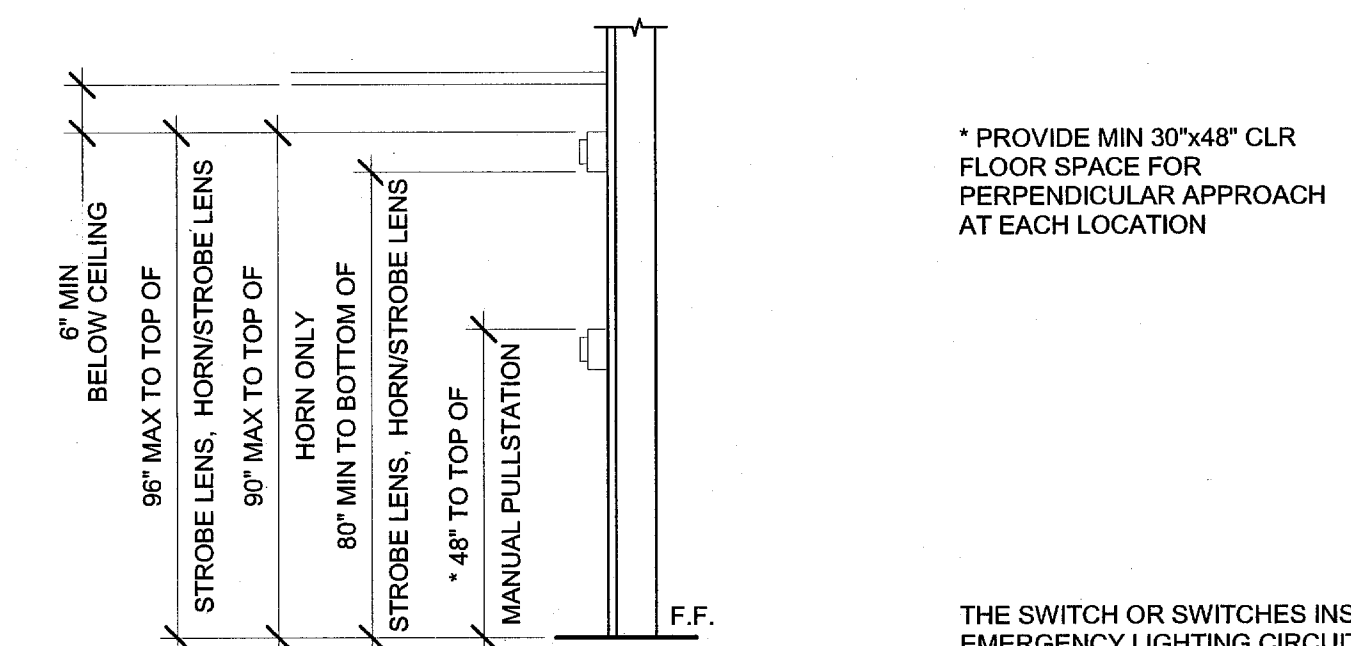
- NOTES:**
- BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELEC. PANEL & TO METAL BUILDING FRAME (CEC 250.52) IN ADDITION TO THE DETAIL SHOWN ABOVE. BOND THE ELECTRICAL GROUND TO METAL UNDERGROUND WATER PIPE IN DIRECT CONTACT WITH THE EARTH FOR 10 FT. OR MORE, IF AVAILABLE (CEC 250.52)
 - CHECK RESISTANT TO GROUND ROD, IF RESISTANCE EXCEEDS 25 OHMS. INSTALL ADDITIONAL GROUND RODS WITH CONDUCTORS AS SHOWN SEPARATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS (CEC 250.56).
 - ELEC. TRADE SHALL CHECK AREA FOR EXISTING CONDUITS, SEWER, GAS & WATER PIPING BEFORE DRIVING GROUND RODS.
 - ALL MODULES OF STEEL FRAME BLDGS. SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING). BONDING SHALL INCLUDE METAL RAMP & STAIRS.
 - SIZE OF CONDUCTORS SHALL COMPLY WITH CEC TABLE 250.66

2 1/2" = 1'-0" TYPICAL GROUNDING DETAIL



3 1" = 1'-0" ELEV. @ WORKSTATION

4 1" = 1'-0" MOUNTING ELEV.



5 1" = 1'-0" FIRE ALARM MOUNTING HEIGHTS

GENERAL GROUNDING NOTES

EACH BUILDING SHALL BE GROUNDED SEPARATELY WITH A 3/4" ROUND X 8 FEET COPPERCLAD STEEL GROUND ROD. WHERE ROCK BOTTOM IS FOUND, DRIVE ROD AT 45 DEGREES MAXIMUM FROM THE VERTICAL OR HAVE IT BURIED IN A TRENCH 30" DEEP MINIMUM.

TESTING FOR RESISTANCE TO GROUND, IF RESISTANCE EXCEEDS 25 OHMS INSTALL ADDITIONAL GROUND RODS SEPARATED AT LEAST 6 FEET. UNTIL RESISTANCE REDUCES TO 25 OHMS OR LESS. GROUND TEST MUST BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR AND ALL GROUNDING SHALL BE IN ACCORDANCE WITH CEC ARTICLE 250

EQUIPMENT ANCHORAGE

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2013 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 13, 26 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
- MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK AND ELECTRICAL SYSTEM BRACING OF

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 13.8.8, 13.8.7, 13.6.5.6 AND 2013 CBC SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26

THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPA #) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.

COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS.

THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

FIRE ALARM NOTES

PROVIDE SPACE ON ELECTRICAL PANEL FOR LOCK-ON BREAKER, IDENTIFIED WITH RED MARKING, FOR 120 VOLTS FIRE ALARM CIRCUIT, WITH BREAKER LABELED AS FIRE ALARM CIRCUIT, CEC 760.41 (B). BREAKER AND CIRCUIT PROVIDED AND INSTALLED ON SITE BY OTHERS.

SMOKE AND HEAT DETECTOR CONDUIT AND DEVICES TO BE PROVIDED AND INTERCONNECTED TO THE FIRE ALARM SYSTEMS ON SITE BY OTHERS

APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM SYSTEM FOR ALL SITES. THE FIRE ALARM SYSTEM AND COMPONENTS MAYBE REQUIRED TO BE CHANGED DUE TO EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.

CONDUIT FILL AND CONDUCTOR CAPACITY TABLE

(ALL CONDUCTORS SHALL BE TYPE THHN/THWN 75 DEG. C. COPPER)

WIRE SIZE	CAPACITY	WIRE TYPE	NO. OF CONDUCTOR			
			1/2" C	3/4" C MTT 1" C	1 1/4" C	
#12	20A	THHN	9	16	25	45
#10	30A	THHN	5	10	16	28
#8	45A	THHN	2	5	8	14
#6	65A	THHN	1	3	5	10
#4	85A	THHN	1	2	4	7

JUNCTION BOX SIZE TABLE

BOX	SIZE	CU. IN.	MAX NO. OF CONDUCTORS			
			#12	#10	#8	#6
4SS	1 1/4"x4" SQ	18.0	8	7	6	0
4S	1 1/2"x4" SQ	21.0	9	8	7	0
4SD	2 1/8"x4" SQ	30.3	13	12	10	6
4SX	2 7/8"x4" SQ	43.5	23	21	17	10
5SD	2 1/8"x4-11/16" SQ	42.0	18	16	14	6
5SX	3 7/8"x4-11/16" SQ	86.0	38	34	28	17
664	4"x6" SQ	144.0	64	57	48	28

* DEDUCT ONE CONDUCTOR FOR (1) OR MORE GROUNDING CONDUCTORS ENTERING THE BOX

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FILE NUMBER: PC-128
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04 - 116504 INC#: 0
AC, RM, FLS, SA, SSR, KER
DATE: 07/19/2018

PROJECT TITLE
24' x 40' EXPANDABLE TO 120' x 40'

PRE-CHECK (PC) DOCUMENT
Code: | 2016 | CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118239
ACS FLS SS
DATE: MAR 07 2018

Revision Schedule

#	Description	Date

SHEET TITLE
ELECTRICAL PLAN 24x40

PROJECT NUMBER
17016A

DRAWN BY
rMc/SC

CHECKED BY
JA/RT

DATE
2017/06/05

SHEET NO.
E1.0

DESCRIPTION	120/208 VOLTS, 3ϕ, 3 WIRE				MAIN LUGS ONLY				PANEL BOX= 100A	
	LOADCENTER		SURFACE MOUNTED		GRD & NEUTRAL BARS		AMP BUS			
	ϕA	ϕB	C/B	CKT	ϕ	CKT	C/B	ϕA	ϕB	DESCRIPTION
AC WALL MOUNTED	6670		30	1	A	2	20	720		OUTLETS
		6670	30	3	B	4	20		720	OUTLETS
GENERAL LIGHTING	768		20	5	A	6	20	40		EXTERIOR LIGHT
EXTERIOR GFI/WP		180	20	7	B	8	20			
			20	9	A	10	20	40		FIRE ALARM
SUBTOTAL	ϕA 7390	ϕB 6650						ϕA 800	ϕB 720	SUBTOTAL
TOTAL	8190	7570	8190 /120 VOLTS= 68.25				76.25 AMPS + .94= 77.19 AMPS			

DESCRIPTION	120/208 VOLTS, 3ϕ, 3 WIRE				MAIN LUGS ONLY				PANEL BOX= 100A	
	LOADCENTER		SURFACE MOUNTED		GRD & NEUTRAL BARS		AMP BUS			
	ϕA	ϕB	C/B	CKT	ϕ	CKT	C/B	ϕA	ϕB	DESCRIPTION
AC Roof Mounted	7360		30	1	A	2	20	720		OUTLETS
		7360	30	3	B	4	20		720	OUTLETS
GENERAL LIGHTING	768		20	5	A	6	20	40		EXTERIOR LIGHT
EXTERIOR GFI/WP		180	20	7	B	8	20			
			20	9	A	10	20	40		FIRE ALARM
SUBTOTAL	ϕA 8080	ϕB 7540						ϕA 800	ϕB 720	SUBTOTAL
TOTAL	8880	8260	8880 /120 VOLTS= 74				74 AMPS + 18.5= 92.5 AMPS			

LEGEND

- ELECTRICAL PANEL AT +60" AFF TO TOP OF ELECTRICAL PANEL WITH 1 1/2" DIA POWER STUB OUT
- ROOF MOUNTED HVAC UNIT-SEE MECHANICAL DWGS
- WALL MOUNTED HVAC UNIT, SEE MECHANICAL DWGS
- 100 CFM CEILING MOUNTED EXHAUST FAN, INTERLOCKED WITH LIGHT SWITCH
- 4SD J-BOX FOR WATER HEATER LOCATE ABOVE CEILING W/ COVER PLATE, HARD WIRE TO UNIT
- 4SD J-BOX IN ATTIC FOR ATTIC MOUNTED HEAT DETECTOR (DEVICE BY OTHERS), MAXIMUM 35'-0" FROM ANY POINT IN ATTIC AND 50'-0" BETWEEN THEM, PROVIDE A 6'-0" CONDUIT FROM EACH J-BOX TO HEAT DETECTOR LOCATION, CONDUIT & CONNECTION TO CEILING DEVICE & DEVICE BY OTHERS (ALARM NOTE #1)
- 4SD J-BOX IN ATTIC FOR CEILING MOUNTED SMOKE DETECTOR (DEVICE BY OTHERS), MAXIMUM 21'-0" FROM ANY POINT IN ROOM BUT NOT MORE THAN 15'-0" TO A PERPENDICULAR WALL AND 30'-0" BETWEEN THEM, PROVIDE A 6'-0" CONDUIT FROM EACH J-BOX TO SMOKE DETECTOR LOCATION, CONDUIT & CONNECTION TO CEILING DEVICE & DEVICE BY OTHERS (ALARM NOTE #1)
- RECESSED 4SD J-BOX W/ COVER PLATE FOR FUTURE FIRE ALARM SYSTEM BY OTHERS, MOUNT AT +18" AFF U.O.N. TO CENTERLINE OF BOX AND PROVIDE 1" CO STUB TO ATTIC SPACE WITH PULLSTRING
- 4SD J-BOX FOR EXTERIOR FIRE ALARM HORN (DEVICE BY OTHERS), MOUNT AT +30" AFF TO TOP OF DEVICE WITH 3/4" CONDUIT STUBBED TO ATTIC WITH PULLSTRING
- 4SD J-BOX FOR FIRE ALARM STROBE (DEVICE BY OTHERS), BOTTOM OF LENS 80" MIN TOP OF LENS 96" MAX AFF WITH 3/4" CONDUIT TO EXTERIOR FIRE ALARM HORN WITH PULLSTRING
- 4SD J-BOX FOR FIRE ALARM PULLSTATION (DEVICE BY OTHERS), MOUNT AT +48" AFF TO TOP OF CONTROL BOX WITH 3/4" CONDUIT TO FIRE ALARM STROBE WITH PULLSTRING
- EXIT SIGN WITH BATTERY BACK UP, EXIT SIGN REQUIRED FOR CLASSROOMS WITH TWO OR MORE EXTERIOR DOORS, CLASSROOMS WITH ONE EXTERIOR DOOR-OPTIONAL.
- CLOCK OUTLET AT +90" AFF TO CENTERLINE OF DEVICE
- EXTERIOR LED LIGHT FIXTURE, 30w MAX WITH **90 MIN BACKUP BATTERY** MOUNT AT +35" AFF
- ROOF MOUNTED WEATHER PROOF GFI RECEPTACLE
- GROUND FAULT CIRCUIT INTERRUPT RECEPTACLE WITHIN 6'-0" OF ALL SINKS
- EXTERIOR WEATHER PROOF GFI RECEPTACLE AT +24" AFF FOR A/C SERVICES (MAX 25'-0" FROM UNITS)
- DUPLEX (WALL MOUNTED) RECEPTACLE 15A-125V-3 WIRE, MOUNT AT +15" AFF U.O.N. TO BOTTOM OF OUTLET BOX
- 3-WAY LIGHT SWITCH, MOUNT AT+48" AFF TO TOP OF SWITCH BOX
- LIGHT SWITCH, MOUNT AT+48" AFF TO TOP OF SWITCH BOX
- SINGLE BUTTON DIMMER SWITCH, AT +48" AFF, TO TOP OF SWITCH BOX, WATTSTOPPER #LMDM-101 OR EQUAL.
- SINGLE SWITCH WALL OCCUPANCY SENSOR, WATTSTOPPER PW-100 OR EQUAL, SENSOR TO BE MOUNTED AT +44" AFF AND USE FOR OPEN ROOM (OR RESTROOM) LESS THAN 100 SQ FT W/ (1) CIRCUIT.
- ULTRASONIC CEILING OCCUPANCY SENSOR, WATTSTOPPER W-500A OR EQUAL, SENSOR TO BE CONNECTED TO KEYPAD LIGHT SWITCHES FOR MANUAL OVERRIDE AND USE FOR RESTROOM W/ PARTITIONS.
- CEILING MOUNTED PHOTOCELL, WATTSTOPPER #MLS-500 OR EQUAL
- CEILING MOUNTED OCCUPANCY SENSOR, WATTSTOPPER #MPC-100 OR EQUAL
- CARBON MONOXIDE PER CBC SECTION 915
- 2x4 CEILING LIGHT WITH (3) T-8 LAMPS, LAY-IN FLUORESCENT LIGHT FIXTURE WITH DIMMABLE BALLAST ORACLE LIGHTING MODEL: 24-OT-3-32-T8-A12-L41K-C4 WATTAGE: 96W (3 LAMPS/32W/T8) OR EQUAL
- 2x4 CEILING LIGHT WITH (3) T-8 LAMPS, LAY-IN FLUORESCENT LIGHT FIXTURE WITH DIMMABLE BALLAST ORACLE LIGHTING MODEL: 24-OT-3-32-T8-EMG-T8-BX-600-A12-L41K-C4 WATTAGE: 96W (3 LAMPS/32W/T8) OR EQUAL EACH LIGHT FIXTURE WHICH IS INDICATED AS BEING AN EMERGENCY LIGHT SHALL HAVE A BALLAST BATTERY PACK INSTALLED ON THE FIXTURE, THE BATTERY PACK SHALL PROVIDE POWER TO A SINGLE LAMP WITHIN THE FIXTURE FOR NO LESS THAN 90 MINUTES, ANY LIGHT FIXTURE EQUIPPED WITH A BATTERY PACK SHALL BE WIRED IN SUCH A MANNER THAT THE BATTERY WILL BE ACTIVATED IMMEDIATELY UPON LOSS OF POWER TO THE FIXTURE, ADDITIONALLY THE BATTERY PACK SHALL BE OPERATED USING BATTERY POWER LIGHTING CONTROL SWITCHES AND SENSORS SHALL NOT BE ABLE TO SHUT THE FIXTURE OFF
show comply w/ CBC 700.20

NOTE: SEE 4/A3.2 FOR PHOTOMETRIC DATA

1 1" = 1'-0" ELECTRICAL PANEL_WALL MOUNTED

2 1" = 1'-0" ELECTRICAL PANEL_ROOF MOUNTED

3 1" = 1'-0" LEGEND

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CLASS LEASING LLC
1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC_RM_FLS_EA_SSR_KER
DATE 07/19/2018

PROJECT TITLE
24' x 40'
EXPANDABLE TO
120' x 40'
PRE-CHECK (PC) DOCUMENT
Code: I 2016 CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118239
ACS FLS EA SS SR
DATE MAR 07 2018

Revision Schedule		
#	Description	Date

SHEET TITLE
ELECTRICAL SCHEDULES 24x40

PROJECT NUMBER
17016A

DRAWN BY
rMc/SC

CHECKED BY
JA/RT

DATE
2017/06/05

SHEET NO.
E1.1

C:\Users\Sarah\Documents\17016 - Aris, 24x40 PC - MainFile - Low Seismic_Sarah.rvt 12/19/2017 3:38:26 PM

STATE OF CALIFORNIA
OUTDOOR LIGHTING
 CEC-NRCC-LTO-01-E (Revised 04/16)
 CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 NRCC-LTO-01-E
 Outdoor Lighting
 Project Name: 120'x40' (PC 04-116504) Date Prepared: 03/05/2018 (Page 1 of 4)

A. General Information
 Project Address: NA Total Illuminated Hardscape Area: NA
 Phase of Construction: New Construction Addition Alteration
 Outdoor Lighting Zone (LZ) LZ-1 LZ-2 LZ-3 LZ-4
 I have confirmed with the AHJ which LZ applies to this site. For default lighting zone designations, see Title 24 Part 6, §10-114

B. Lighting Compliance Documents (check box for each document included)
 For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Manual published by the California Energy Commission.
 NRCC-LTO-01-E Certificate of Compliance
 NRCC-LTO-02-E Outdoor Lighting Controls Certificate of Compliance
 NRCC-LTO-03-E Outdoor Lighting Power Allowance Certificate of Compliance
 NRCC-LTO-04-E Outdoor Lighting Existing Conditions Certificate of Compliance

C. Summary of Allowed Outdoor Lighting Power

Item	Sum Total ALLOWED Outdoor Lighting Wattage from NRCC-LTO-03-E, page 1	Watts
01	Alterations with NO increase of connected lighting load may instead use the allowed wattage from NRCC-LTO-04, page 2. Complies ONLY if Installed (Box 02) ≤ Allowed (Box 01)	120
02	Sum Total INSTALLED Outdoor Lighting Wattage from NRCC-LTO-01-E, page 3.	120

D. Declaration of Required Installation Certificates
 Declare by checking all Installation Certificates that will be submitted. (Retain copies and verify compliance documents are completed and signed.)
 NRCC-LTO-01-E - Must be submitted for all buildings Field Inspector
 NRCC-LTO-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance. Field Inspector

E. Declaration of Required Certificates of Acceptance
 Declare by checking all of the Certificates of Acceptance that will be submitted. (Retain copies and verify compliance documents are completed and signed.)
 NRCA-LTO-02-A - Must be submitted for outdoor lighting controls. Field Inspector

F. Schedule of Luminaires Exempt from the Outdoor Lighting Power Requirements in §140.7

01	02
Name or Symbol	Description of exempt luminaire in accordance with the exemptions

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance April 2016

STATE OF CALIFORNIA
OUTDOOR LIGHTING
 CEC-NRCC-LTO-01-E (Revised 04/16)
 CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 NRCC-LTO-01-E
 Outdoor Lighting
 Project Name: 120'x40' (PC 04-116504) Date Prepared: 03/05/2018 (Page 2 of 4)

G. Schedule of Luminaires Exempt from the Cutoff Requirements in §130.2(b)

01	02
Name or Symbol	Description of exempt luminaire in accordance with the exemptions

H. Schedule of Luminaires Exempt from the Outdoor Lighting Control Requirements in §130.2(c)

01	02
Name or Symbol	Description of exempt luminaire in accordance with the exemptions

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance April 2016

STATE OF CALIFORNIA
OUTDOOR LIGHTING CONTROLS
 CEC-NRCC-LTO-02-E (Revised 08/15)
 CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 NRCC-LTO-02-E
 Outdoor Lighting Controls
 Project Name: 120'x40' (PC 04-116504) Date Prepared: 03/05/2018 (Page 1 of 3)

A. Mandatory Outdoor Lighting Control Declaration Statements
 Check all that apply:
 Lighting shall be controlled by self-contained lighting control devices which are certified to the Energy Commission according to the Title 20 Appliance Efficiency Regulations in accordance with §110.9(a).
 Lighting shall be controlled by a lighting control system or energy management control system in accordance with §110.9. An Installation Certificate shall be submitted in accordance with §130.4(b).
 All lighting controls and equipment shall comply with the applicable requirements in §110.9 and shall be installed in accordance with the manufacturer's instructions in accordance with §130.0(d).
 Part-Night Outdoor Lighting Controls, as defined in Section 100.1(b), shall meet the requirements in Section 110.9(b).
 All outdoor incandescent luminaires rated over 100 watts, determined in accordance with Section 130.0(c), shall be controlled by a motion sensor.
 All outdoor luminaires rated for use with lamps greater than 150 lamp watts, determined in accordance with Section 130.0(c), shall comply with Uplight and Glare requirements in accordance with Section 130.2(b).
 All installed outdoor lighting shall be controlled by a photocontrol or outdoor astronomical time-switch control, or other control capable of automatically switching OFF in accordance with Section 130.2(c).
 All installed outdoor lighting shall be controlled by a photocontrol or outdoor astronomical time-switch control, or other control capable of automatically switching OFF in accordance with Section 130.2(c).
 All installed outdoor lighting, where the bottom of the luminaire is mounted 24 feet or less above the ground, shall be controlled with automatic lighting controls in accordance with Section 130.2(c).
 For Outdoor Sales Frontage, an automatic lighting control shall be installed in accordance with Section 130.2(c).
 For Building Facade, Ornamental Hardscape and Outdoor Dining lighting, an automatic lighting control shall be installed in accordance with Section 130.2(c).
 Before an occupancy permit is granted for the newly constructed building or for the addition, or for any altered outdoor lighting controls, shall be certified as meeting the Acceptance Requirements for Code Compliance in accordance with §130.4(a). Outdoor lighting controls shall comply with the applicable requirements of Section 130.2(c) and Reference Nonresidential Appendix NA7.8.

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance August 2016

STATE OF CALIFORNIA
OUTDOOR LIGHTING CONTROLS
 CEC-NRCC-LTO-02-E (Revised 08/15)
 CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 NRCC-LTO-02-E
 Outdoor Lighting Controls
 Project Name: 120'x40' (PC 04-116504) Date Prepared: 03/05/2018 (Page 2 of 3)

B. Mandatory Outdoor Lighting Control Schedule and Field Inspection Checklist

Outdoor Lighting Control Schedule	Standards Complying With (✓ if all that apply, or leave empty if Exempted)										Field Inspector	
	01	02	03	04	05	06	07	08	09	10		
Location and Application of Luminaires Being Controlled	Type/Description of Lighting Control (i.e. outdoor motion sensor, outdoor photocontrol, outdoor astronomical time-switch control, automatic scheduling control, part-night outdoor lighting control)	# of Units	(01) 03E\$	(02) 03E\$	(03) 02E\$	(04) 02E\$	(05) 02E\$	(06) 02E\$	(07) 02E\$	(08) 02E\$	Pass	Fail
ENTRY DOOR	PHOTOCELL CONTROLLED	4	+									

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance August 2016

STATE OF CALIFORNIA
OUTDOOR LIGHTING CONTROLS
 CEC-NRCC-LTO-02-E (Revised 08/15)
 CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 NRCC-LTO-02-E
 Outdoor Lighting Controls
 Project Name: 120'x40' (PC 04-116504) Date Prepared: 03/05/2018 (Page 3 of 3)

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.
 Documentation Author Name: RALPH M. TAVARES
 Signature Date: 03/05/2018
 Company: R&S TAVARES ASSOCIATES, INC.
 Address: 11777 BERNARDO PLAZA CT. SUITE 105
 City/State/Zip: SAN DIEGO, CA 92128
 Phone: 858 444 3344 EXT 1801

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.
 Responsible Designer Name: MANNY D. FRISCH
 Signature Date: 03/05/2018
 Company: R&S TAVARES ASSOCIATES, INC.
 Address: 11777 BERNARDO PLAZA CT. SUITE 105
 City/State/Zip: SAN DIEGO, CA 92128
 Phone: 858 444 3344 EXT 1810

STATE OF CALIFORNIA
OUTDOOR LIGHTING
 CEC-NRCC-LTO-01-E (Revised 04/16)
 CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 NRCC-LTO-01-E
 Outdoor Lighting
 Project Name: 120'x40' (PC 04-116504) Date Prepared: 03/05/2018 (Page 3 of 4)

I. Outdoor Lighting Schedule and Field Inspection Energy Checklist

Luminaire Schedule	Installed Watts					Location	Cutoff	Field Inspector		
	01	02	03	04	05			06	07	08
Name or Item Tag	Complete Luminaire Description	Watts per Luminaire	CEC compliant from Title 24, Part 6, §140.7(a)	How wattage was determined	Number of Luminaires	Total Installed Watts in this area (03 x 05)	Primary Function area in which these luminaires are installed (Outdoor Lighting Zone)	BUG Rating	Pass	Fail
D	EXTERIOR LED LIGHT FIXTURE 30W MAX WITH PHOTOCELL MOUNT AT 93" AFF	30	<input checked="" type="checkbox"/>	<input type="checkbox"/>	4	120	MAIN ENTRANCE	UH: UL: FVH: BVH: FH: BH:	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>		0		UH: UL: FVH: BVH: FH: BH:	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>		0		UH: UL: FVH: BVH: FH: BH:	<input type="checkbox"/>	<input type="checkbox"/>
INSTALLED WATTS PAGE TOTAL:						120	Enter sum total of all pages (Sum Total INSTALLED Outdoor lighting wattage) into NRCC-LTO-01-E, Page 1			120

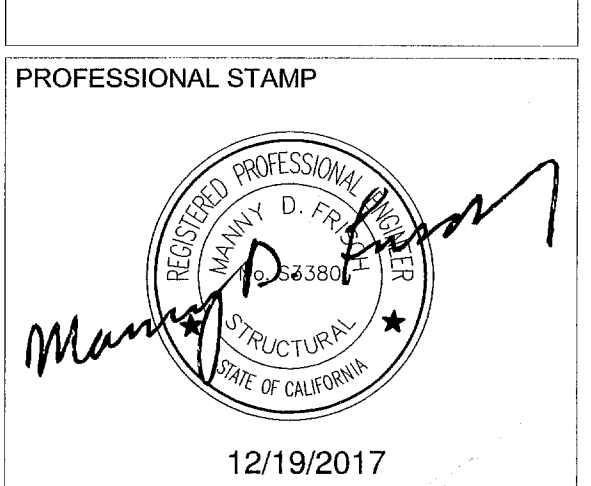
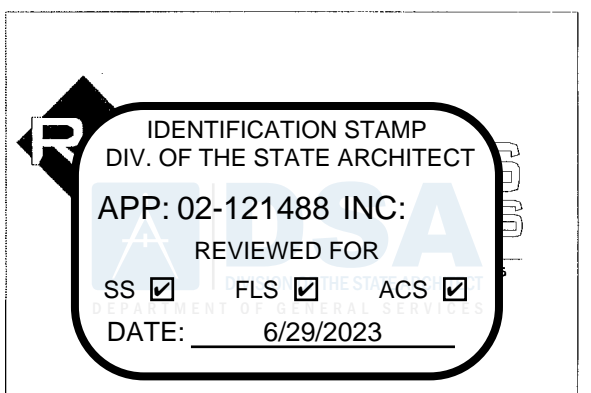
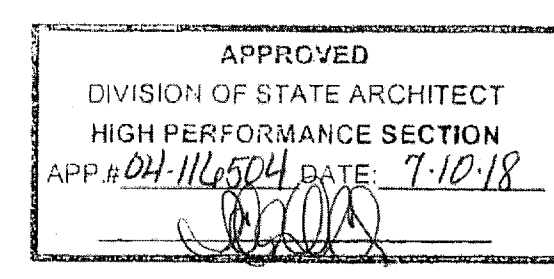
CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance April 2016

STATE OF CALIFORNIA
OUTDOOR LIGHTING
 CEC-NRCC-LTO-01-E (Revised 04/16)
 CALIFORNIA ENERGY COMMISSION

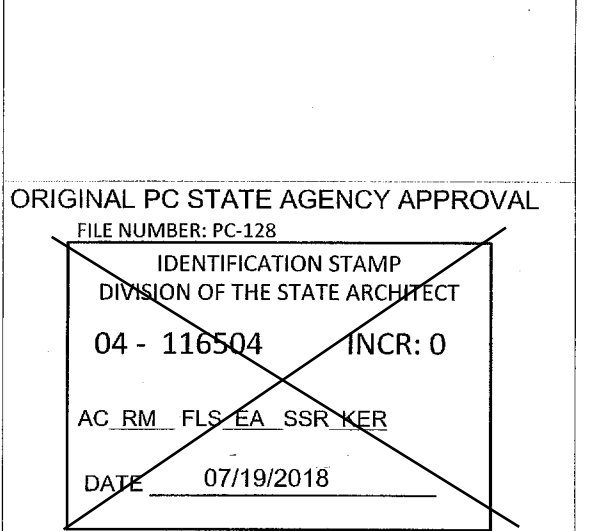
CERTIFICATE OF COMPLIANCE
 NRCC-LTO-01-E
 Outdoor Lighting
 Project Name: 120'x40' (PC 04-116504) Date Prepared: 03/05/2018 (Page 4 of 4)

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.
 Documentation Author Name: RALPH M. TAVARES
 Signature Date: 03/05/2018
 Company: R&S TAVARES ASSOCIATES, INC.
 Address: 11777 BERNARDO PLAZA CT. SUITE 105
 City/State/Zip: SAN DIEGO, CA 92128
 Phone: 858 444 3344 EXT 1801

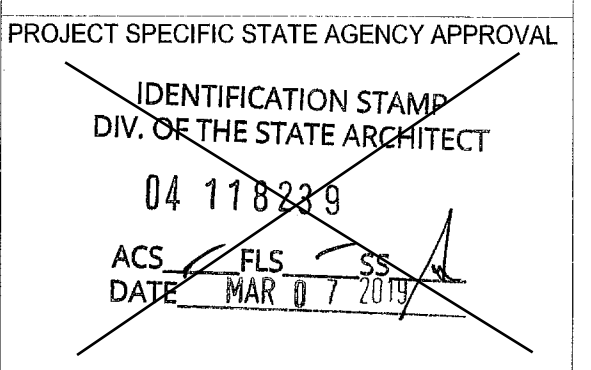
RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.
 Responsible Designer Name: MANNY D. FRISCH
 Signature Date: 03/05/2018
 Company: R&S TAVARES ASSOCIATES, INC.
 Address: 11777 BERNARDO PLAZA CT. SUITE 105
 City/State/Zip: SAN DIEGO, CA 92128
 Phone: 858 444 3344 EXT 1810



THE PLANS, IDEAS & DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF R&S TAVARES ASSOCIATES, INC. DEvised SOLELY FOR THIS CONTRACT. THESE PLANS SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE FOR WHICH THEY WERE NOT INTENDED WITHOUT THE EXPRESS WRITTEN CONSENT OF R&S TAVARES ASSOCIATES, INC. ©



PROJECT TITLE
 24' x 40'
 EXPANDABLE TO
 120' x 40'
 PRE-CHECK (PC) DOCUMENT Code: 1 2016 JCB A separate project application for construction is required.



Revision Schedule

#	Description	Date

STATE OF CALIFORNIA
OUTDOOR LIGHTING CONTROLS
 CEC-NRCC-LTO-02-E (Revised 08/15)
 CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 NRCC-LTO-02-E
 Outdoor Lighting Controls
 Project Name: 120'x40' (PC 04-116504) Date Prepared: 03/05/2018 (Page 3 of 3)

SHEET TITLE
 120'x40' T24 CZ 16 (WALL AC)

PROJECT NUMBER
 17016A
 DRAWN BY
 rMc/SC
 CHECKED BY
 JA/RT
 DATE
 2018/03/08
 SHEET NO.
 E2.2

SHEET OF SHEETS

STATE OF CALIFORNIA
Electrical Power Distribution
 CEC-NRCC-ELC-01-E (Revised 01/16)
 CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 NRCC-ELC-01-E
 Page of

Project Name: 120'x40' (PC 04-116504) Date Prepared: 04/24/2018

General Information

Project Address: NA Climate Zone: 16
 Conditioned Floor Area: 4800
 Unconditioned Floor Area:

Building Type: Nonresidential High-Rise Residential Hotel/Motel
 Schools Relocatable Public Schools Conditioned Spaces Unconditioned Spaces

Phase of Construction: New Construction Addition Alteration

In the table below identify all applicable construction documents that specify the requirements for the scope of responsibility reported by this certificate. Use additional pages as needed to list all construction documents related to compliance of Section 130.5.

Document Number	Document Title/Descriptions (include description information for Table or Schedule if it contains compliance information)	Document Sheet # or Page #	Indicate which subsection of Section 130.5 is related to the document (e.g. 130.5(a) for service electrical metering)

A. Service Electrical Metering
 Check one of the three boxes below if the electrical power distribution system is in compliance with Section 130.5(a).
 For newly installed electrical service in newly constructed buildings, Service Electrical Metering is required according to Section 130.5(a). Fill out Column 1 through 6 of table below.
 For new or replacement electrical service equipment in existing buildings, Service Electrical Metering is required according to Section 141.0(b)(2)(i). Fill out Column 1 through 6 of table below.
 EXCEPTION to Electrical Service Metering: Service or feeder for which the utility company provides a metering system that indicates instantaneous kW demand and kWh for a utility-defined period. Fill out Column 1, 2 and 6 of table below with the compliance information.
 Fill out a separate line for each electrical service that is connected to the building.

Electrical Service Schedule	Electrical	Metering Capabilities (check all that are present)				Exception to	Field Inspector
		03	04	05	06		
01	02	03	04	05	06	07	08
Electrical Service Designation/ Location/Description	kVA	Instantaneous (at the time) kW	Historical peak (kW)	Tracking kWh for a user-definable period	kWh per rate period	Utility metering system	Check that the metering complies
IT WILL VARY DEPENDING ON CLIENT'S SITE PROJECT - RELOCATABLE PUBLIC SCHOOL	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

STATE OF CALIFORNIA
Electrical Power Distribution
 CEC-NRCC-ELC-01-E (Revised 01/16)
 CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 NRCC-ELC-01-E
 Page of

Project Name: 120'x40' (PC 04-116504) Date Prepared: 04/24/2018

B. Separation of Electrical Circuits for Electrical Energy Monitoring
 Check all boxes below if the electrical power distribution system is in compliance with Section 130.5(b).
 The electrical power distribution system meets the separation of electrical circuits for electrical energy monitoring requirement of Section 130.5(b). The electrical power distribution systems is designed so that measurement devices can monitor the electrical energy usage of load types according to TABLE 130.5-B.
 Describe the electrical power distribution system installed and the compliance method chosen in meeting the requirement of Section 130.5(b). Use the space below to include the information. Examples of compliance methods are detailed in Nonresidential Compliance Manual Chapter 8.
 Fill out Column 1 thru 3 with the compliance information.

General Information	Electrical Power Distribution System information and Method of compliance	Electrical Service Rating	Enforcement Agency
01	02	03	04
Electrical Service Designation/Location/Description	Describe the electrical power distribution system installed and the compliance method used	kVA	Check that the system complies
IT WILL VARY DEPENDING ON CLIENT'S SITE PROJECT - RELOCATABLE PUBLIC SCHOOL	NA	0	<input type="checkbox"/>

Field Inspector Notes:

STATE OF CALIFORNIA
Electrical Power Distribution
 CEC-NRCC-ELC-01-E (Revised 01/16)
 CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 NRCC-ELC-01-E
 Page of

Project Name: 120'x40' (PC 04-116504) Date Prepared: 04/24/2018

C. Voltage Drop
 Check all boxes below if the electrical power distribution system is in compliance with Section 130.5(c).
 The electrical power distribution system meets the voltage drop requirement of Section 130.5(c). The maximum combined voltage drop on feeder conductors and branch circuit conductors to the farthest connected load or outlet, do not exceed 5%.
 Voltage drop calculation documents showing compliance to Section 130.5(c) are submitted as part of the compliance document submittal.

Enforcement Agency
 Check that the system complies

D. Circuit Controls for 120-Volt Receptacles and Controlled Receptacles
 Check one or more boxes below for applicable requirements of Section 130.5(d) for the electrical power distribution system.

Field Inspector
Check that the system complies
<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>

Receptacles that are only for the following purposes are exempted from Section 130.5(d):
 - Receptacles specifically for refrigerators and water dispensers in kitchen areas.
 - Receptacles located a minimum of six feet above the floor that are specifically for clocks.
 - Receptacles for network copiers, fax machines, A/V and data equipment other than personal computers in copy rooms.
 - Receptacles on circuits rated more than 20 amperes.
 - Receptacles connected to an uninterruptible power supply (UPS) that are intended to be in continuous use, 24 hours per day/365 days per year, and are marked to differentiate them from other uncontrolled receptacles or circuits.

STATE OF CALIFORNIA
Electrical Power Distribution
 CEC-NRCC-ELC-01-E (Revised 01/16)
 CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 NRCC-ELC-01-E
 Page of

Project Name: 120'x40' (PC 04-116504) Date Prepared: 04/24/2018

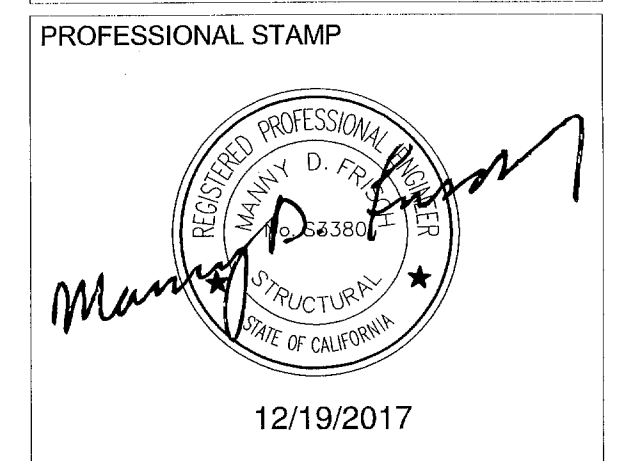
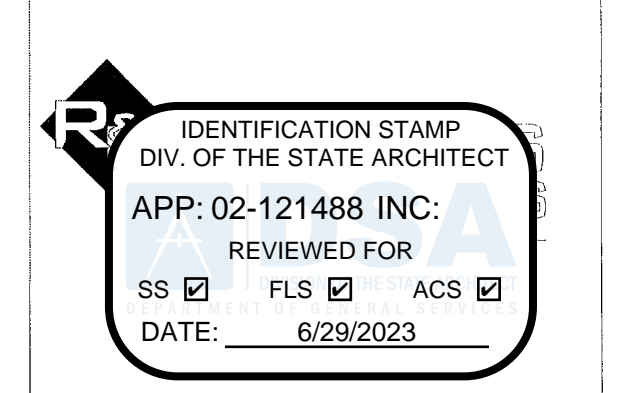
DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
 I certify that this Certificate of Compliance documentation is accurate and complete.
 Documentation Author Name: RALPH M. TAVARES
 Documentation Author Signature: *Ralph M. Tavares*
 Signature Date: 04/24/2018
 Company: R&S TAVARES ASSOCIATES, INC.
 Address: 11777 BERNARDO PLAZA CT. SUITE 105
 City/State/Zip: SAN DIEGO, CA 92128
 Phone: 858-444-3344 EXT 1801

RESPONSIBLE PERSON'S DECLARATION STATEMENT
 I certify the following under penalty of perjury, under the laws of the State of California:
 1. The information provided on this Certificate of Compliance is true and correct.
 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

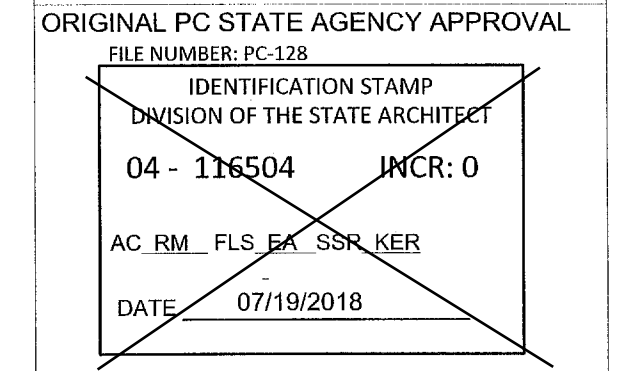
Responsible Designer Name: MANNY D. FRISCH
 Responsible Designer Signature: *Manny D. Frisch*
 Signature Date: 04/24/2018
 Company: R&S TAVARES ASSOCIATES, INC.
 Address: 11777 BERNARDO PLAZA CT. SUITE 105
 City/State/Zip: SAN DIEGO, CA 92128
 License: S3380
 Phone: 858 444 3344 EXT 1810

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016 CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016 CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016 CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016 CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016 CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

APPROVED
 DIVISION OF STATE ARCHITECT
 HIGH PERFORMANCE SECTION
 APP. # 04-116504 DATE: 7-10-18
[Signature]

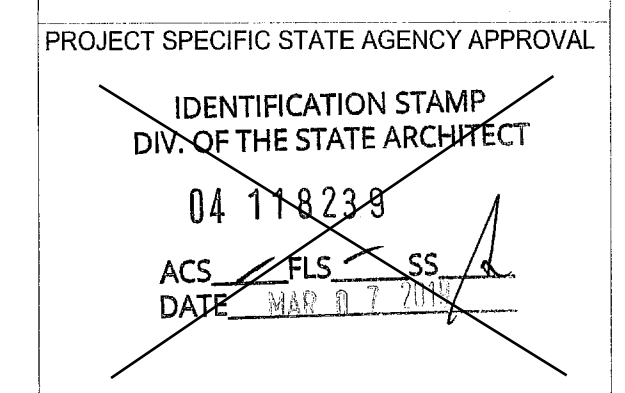


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PROJECT TITLE
 24' x 40'
 EXPANDABLE TO
 120' x 40'

PRE-CHECK (PC) DOCUMENT
 Code: | 2016 | CBC
 A separate project application for construction is required.



Revision Schedule

#	Description	Date

SHEET TITLE
 120'x40' T24 CZ 16
 (WALL AC)

PROJECT NUMBER
 17016A

DRAWN BY
 rMc/SC

CHECKED BY
 JA/RT

DATE
 2018/04/25

SHEET NO.
 E2.3

SHEET OF SHEETS

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ABB.	DESCRIPTION	SYMBOL
WM	WALL MOUNTED UNIT (SEE SCHEDULE THIS SHEET)	WM-1
RM	ROOF MOUNTED UNIT (SEE SCHEDULE THIS SHEET)	RM-1
P.O.C	POINT OF CONNECTION	P.O.C
CO2	CARBON MONOXIDE SENSOR	CO2
BT	BYPASS TIMER	BT
STAT	THERMOSTAT	T
UC	UNDERCUT DOOR	UC
MVD	MANUAL VOLUME DAMPER	
FD	FIRE DAMPER	
VTR	VENT THRU ROOF	
ER	EXHAUST CEILING REGISTER	
CR	RETURN CEILING REGISTER	
CD	SUPPLY CEILING DIFFUSER	
(L)	LINED DUCTWORK	
EAD	EXHAUST AIR DUCT	
RAD	RETURN AIR DUCT	
SAD	SUPPLY AIR DUCT	
EF	EXHAUST FAN	

EQUIPMENT ANCHORAGE

ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC, SECTIONS 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 13, 28 AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
- MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

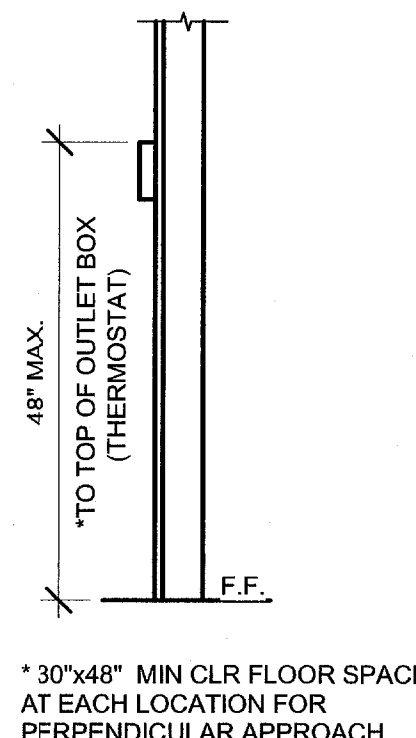
BRACING OF PIPING, DUCTWORK AND ELECTRICAL SYSTEM:

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.6.8, 13.6.7, 13.6.5.6 AND 2016 CBC SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26

THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ONE OF THE OSHPD PRE-APPROVALS (OPA #) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.

COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AN BRACING OF THE PIPE, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS.

THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.



9 1" = 1'-0" MOUNTING ELEV.

1 1" = 1'-0" LEGEND

SYM.	USE	MFR/MODEL	CFM	SOUND LEVEL	SP	VOLTS	Ø	POWER	WGT#	NOTES
EF A	BATHROOM EXHAUST	BROAN L100	109	1.0 SONES	0.25	120	1	87 WATTS	22.80#	WITH BROAN ROOF CAP #634. PROVIDE 6" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF B	BATHROOM EXHAUST	BROAN L200	210	2.0 SONES	0.25	120	1	127 WATTS	23#	WITH BROAN ROOF CAP #634. PROVIDE 8" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF C	BATHROOM EXHAUST	BROAN L300	308	2.8 SONES	0.25	120	1	212 WATTS	23.10#	WITH BROAN ROOF CAP #634. PROVIDE 8" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.
EF D	BATHROOM EXHAUST	BROAN 676	100	4.0 SONES	0.25	120	1	156 WATTS	7#	WITH BROAN ROOF CAP #636. PROVIDE 4" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.

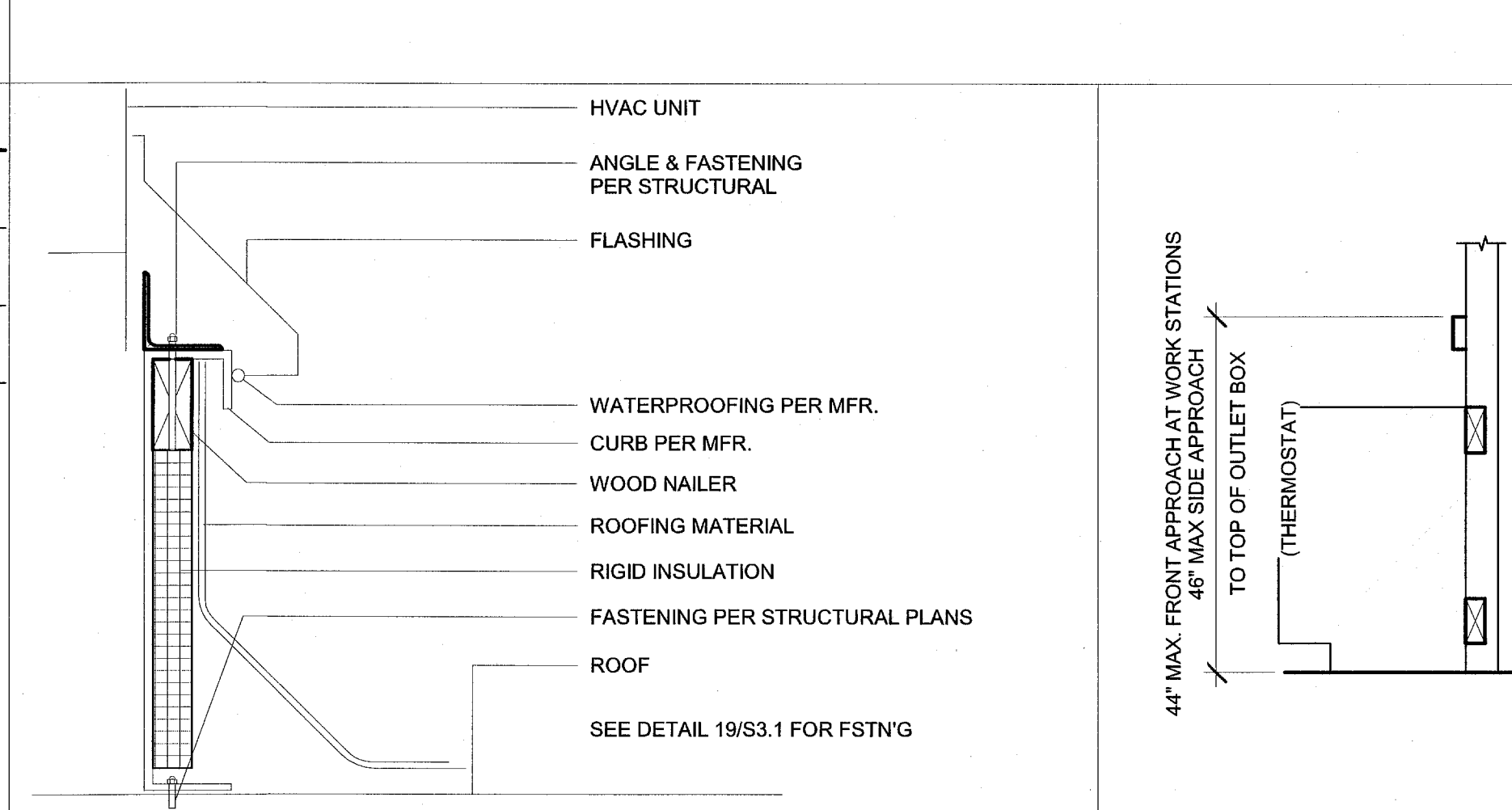
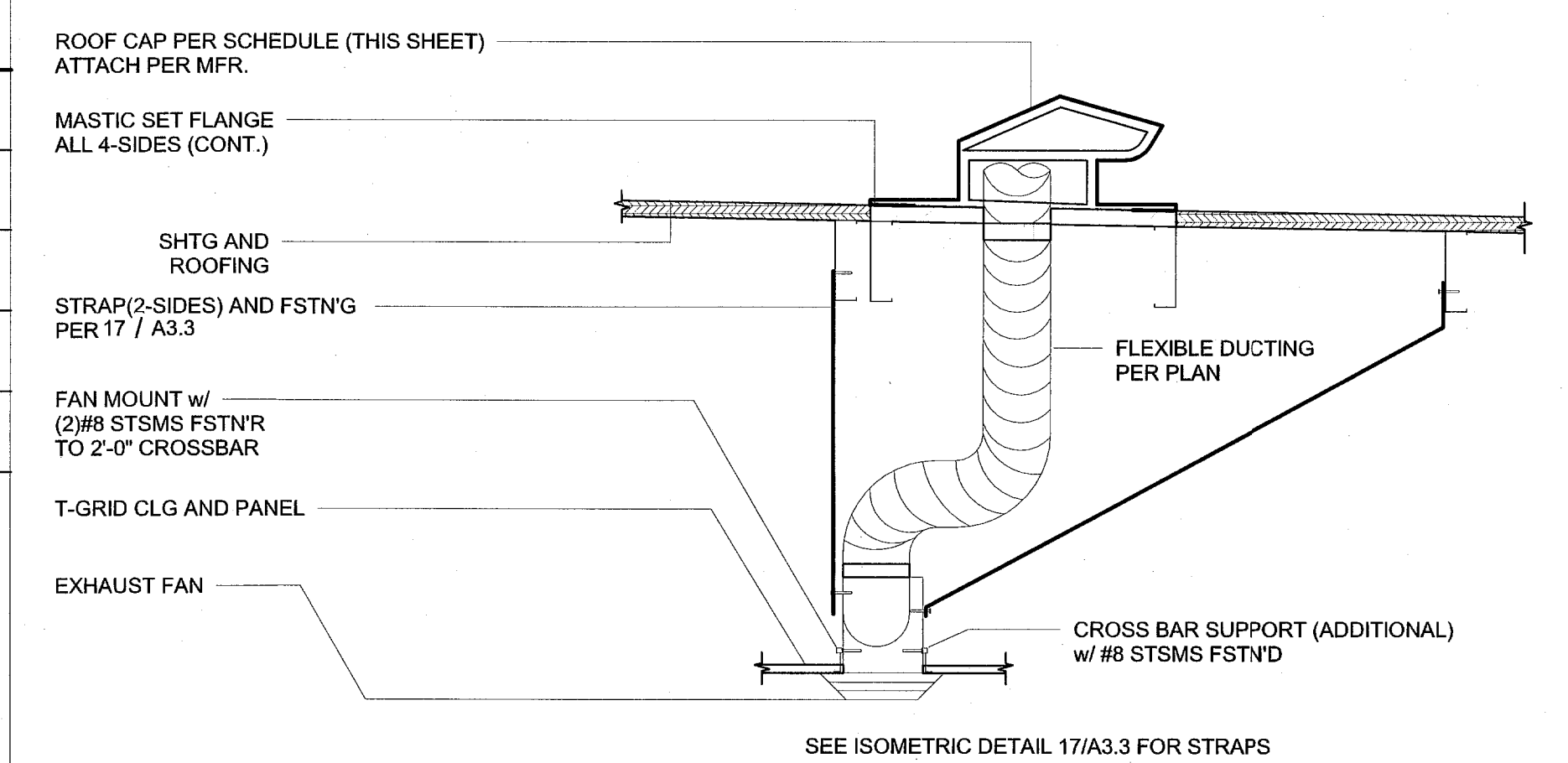
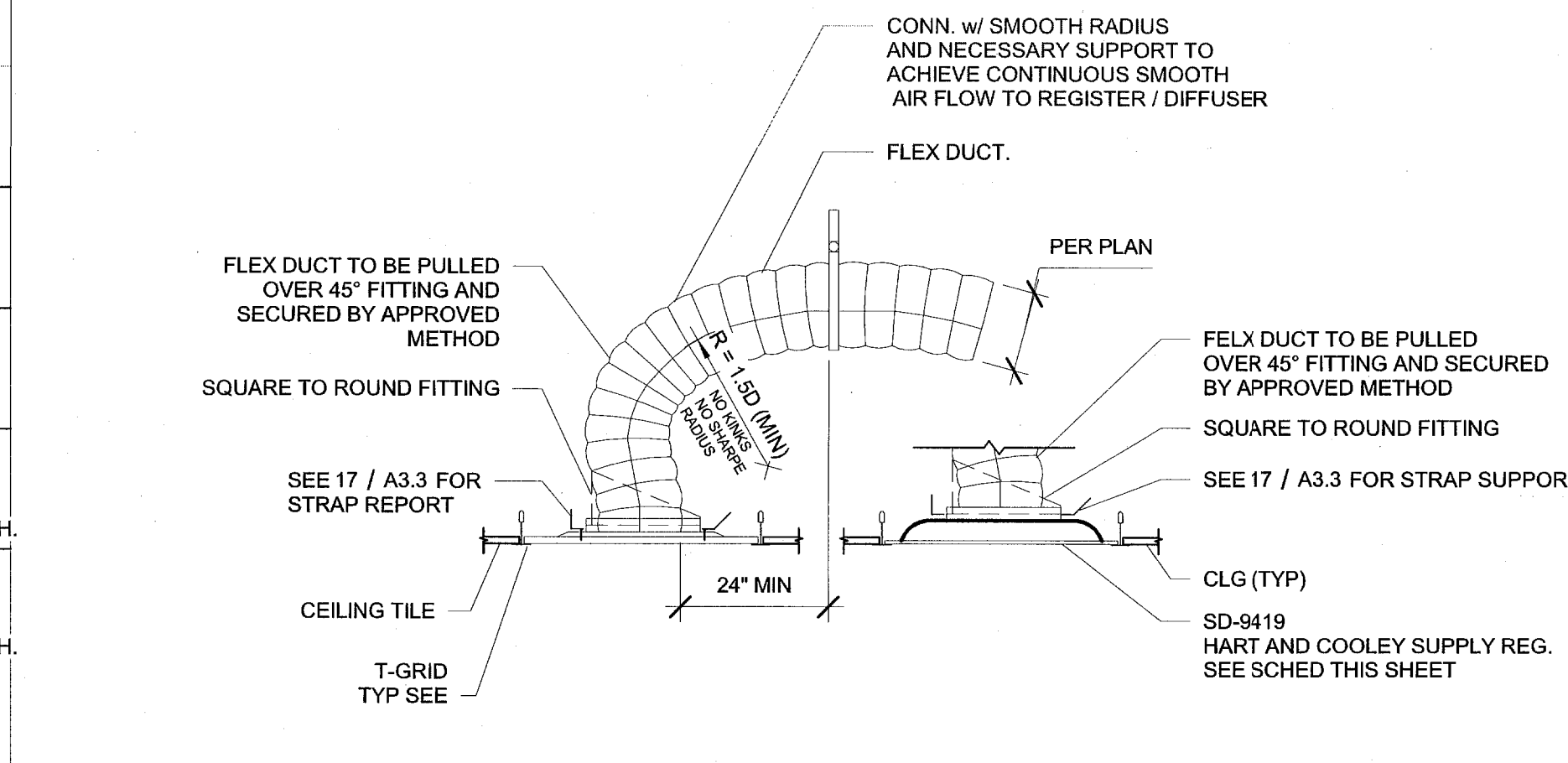
2 1" = 1'-0" CEILING MOUNTED EXHAUST FAN SCHEDULE

NECK SIZE	CFM (RANGE)	NOTES
6"Ø	0-150	SEE DETAIL FOR MAKE AND MODEL
8"Ø	150-230	SEE DETAIL FOR MAKE AND MODEL
10"Ø	230-350	SEE DETAIL FOR MAKE AND MODEL
12"Ø	350-460	SEE DETAIL FOR MAKE AND MODEL
14"Ø	460-640	SEE DETAIL FOR MAKE AND MODEL

3 1" = 1'-0" PFG SCHED (SUPPLY)

NECK SIZE	CFM (RANGE)	NOTES
6"Ø	0-230	SEE MECH CLG PLAN FOR SIZE
10"Ø	230-460	SEE MECH CLG PLAN FOR SIZE
14"Ø	460-710	SEE MECH CLG PLAN FOR SIZE

4 1" = 1'-0" PFG SCHED (RETURN)



10 1" = 1'-0" ELEV. @ WORKSTATION

10.6 EER and 11 EER

TAG	STANDARD			OPTION #1			OPTION #2		
	WM-1.1	WM-1.2	WM-1.3	WM-1.1	WM-1.2	WM-1.3	WM-1.1	WM-1.2	WM-1.3
NOMINAL TONNAGE	4.0 TONS	*5 TONS	3.5 TONS	4.0 TONS	*5 TONS	3.5 TONS	4.0 TONS	*5 TONS	3.5 TONS
MANUFACTURER	**BARD	**BARD	**BARD	**BARD	**BARD	**BARD	**BARD	**BARD	**BARD
MODEL#	C48H1	C60H1	C42H1	C48H1	C60H1	C42H1	C48H1	C60H1	C42H1
CFM	1550	1700	1400	1550	1700	1400	1550	1700	1400
STATIC PRESSURE	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
DRIVE	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT
MCA	58	67	57	58	67	57	58	67	57
MOCP	60	60	60	60	60	60	60	60	60
VOLTAGE	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
WIRE SIZE (PWR/GRND)	#6/#10	#4/#8	#6/#10	#6/#10	#4/#8	#6/#10	#6/#10	#4/#8	#6/#10
DESIGN RETURN AIR (DB/WB)	80/67	80/67	80/67	80/67	80/67	80/67	80/67	80/67	80/67
SENSIBLE COOLING @ 95° F (PART/FULL)	25,900/36,000	30,800/40,300	21,700/29,700	25,900/36,000	30,800/40,300	21,700/29,700	25,900/36,000	30,800/40,300	21,700/29,700
TOTAL COOLING @ 95° F (PART/FULL)	34,000/45,500	40,800/55,500	26,800/40,000	34,000/45,500	40,800/55,500	26,800/40,000	34,000/45,500	40,800/55,500	26,800/40,000
HEATING CAP. BTUH @ 47° F (PART/FULL)	29,200/41,500	36,000/51,000	46,600/38,500	29,200/41,500	36,000/51,000	46,600/38,500	29,200/41,500	36,000/51,000	46,600/38,500
HEATING CAP. BTUH @ 17° F	26,000	32,000	25,000	26,000	32,000	25,000	26,000	32,000	25,000
OPERATING WEIGHT	550#	580#	550#	550#	580#	550#	550#	580#	550#
EER	11.00	10.60	11.00	11.00	10.60	11.00	11.00	10.60	11.00
COP @ 47° F	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
COP @ 17° F	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00

10.6 AND 11.0 EER (GAS ALTERNATE)

TAG	STANDARD			OPTION #1			OPTION #2		
	WM-2.1	WM-2.2	WM-2.3	WM-2.1	WM-2.2	WM-2.3	WM-2.1	WM-2.2	WM-2.3
NOMINAL TONNAGE	4.0 TONS	*5 TONS	3.5 TONS	4.0 TONS	*5 TONS	3.5 TONS	4.0 TONS	*5 TONS	3.5 TONS
MANUFACTURER	BARD	**BARD	BARD	BARD	**BARD	BARD	BARD	**BARD	BARD
MODEL#	C48H1	C60H1	C42H1	C48H1	C60H1	C42H1	C48H1	C60H1	C42H1
CFM	1600	1750	1300	1600	1750	1300	1600	1750	1300
STATIC PRESSURE	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
DRIVE	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT
MCA	38	40	32	38	40	32	38	40	32
MOCP	50	60	50	50	60	50	50	60	50
VOLTAGE	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
WIRE SIZE (PWR/GRND)	#6/#10	#6/#10	#6/#10	#6/#10	#6/#10	#6/#10	#6/#10	#6/#10	#6/#10
DESIGN RETURN AIR (DB/WB)	80/67	80/67	80/67	80/67	80/67	80/67	80/67	80/67	80/67
SENSIBLE COOLING @ 95° F (PART/FULL)	35,900/36,000	30,800/40,300	21,700/29,700	35,900/36,000	30,800/40,300	21,700/29,700	35,900/36,000	30,800/40,300	21,700/29,700
TOTAL COOLING @ 95° F (PART/FULL)	34,000/45,500	40,800/55,500	26,800/40,000	34,000/45,500	40,800/55,500	26,800/40,000	34,000/45,500	40,800/55,500	26,800/40,000
HEATING INPUT	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000
HEATING OUTPUT	61,500	61,500	61,500	61,500	61,500	61,500	61,500	61,500	61,500
OPERATING WEIGHT	710#	725#	700#	710#	725#	700#	710#	725#	700#
EER	11.00	10.80	11.00	11.00	10.80	11.00	11.00	10.80	11.00
THERMAL EFFICIENCY (TE)	82	82	82	82	82	82	82	82	82

14 SEER

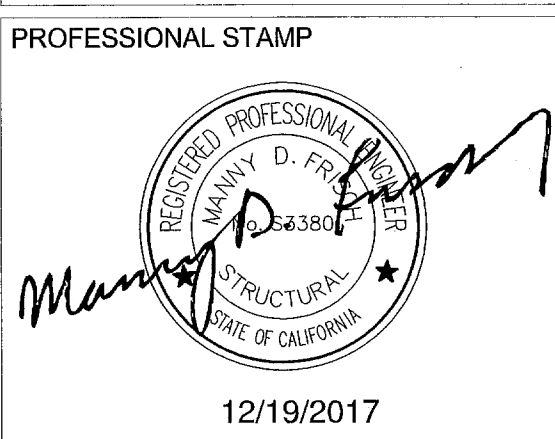
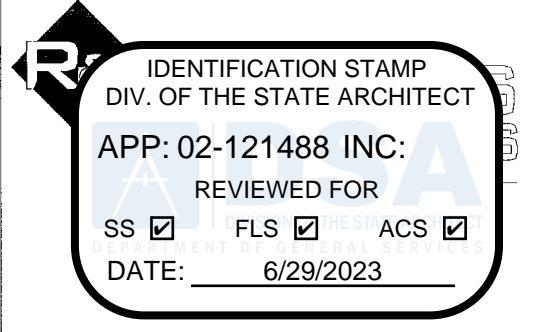
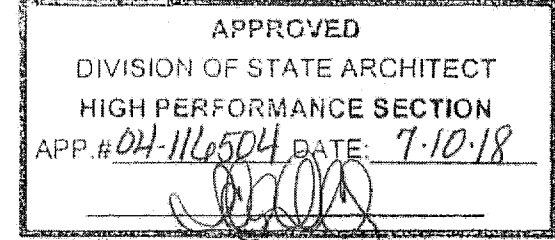
TAG	STANDARD			OPTION #1			OPTION #2		
	RM-1.1	RM-1.2	RM-1.3	RM-1.1	RM-1.2	RM-1.3	RM-1.1	RM-1.2	RM-1.3
NOMINAL TONNAGE	4.0 TONS	*5 TONS	3 TONS	4.0 TONS	*5 TONS	3 TONS	4.0 TONS	*5 TONS	3 TONS
MANUFACTURER	**CARRIER	**CARRIER	**CARRIER	**CARRIER	**CARRIER	**CARRIER	**CARRIER	**CARRIER	**CARRIER
MODEL#	50KQ05	50KQ06	50KQ04	50KQ05	50KQ06	50KQ04	50KQ05	50KQ06	50KQ04
CFM	1600	1750	1400	1600	1750	1400	1600	1750	1400
STATIC PRESSURE	0.2	0.2	0.15	0.2	0.2	0.15	0.2	0.2	0.15
DRIVE	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT
MCA	64	72	59	64	72	59	64	72	59
MOCP	70	80	60	70	80	60	70	80	60
VOLTAGE	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
WIRE SIZE (PWR/GRND)	#4/#8	#4/#8	#6/#10	#4/#8	#4/#8	#6/#10	#4/#8	#4/#8	#6/#10
DESIGN RETURN AIR (DB/WB)	80/67	80/67	80/67	80/67	80/67	80/67	80/67	80/67	80/67
SENSIBLE COOLING @ 95° F	35,260	40,700	30,500	35,260	40,700	30,500	35,260	40,700	30,500
TOTAL COOLING @ 95° F	49,000	58,000	35,600	49,000	58,000	35,600	49,000	58,000	35,600
HEATING CAP. BTUH @ 47° F	45,500	58,000	35,500	45,500	58,000	35,500	45,500	58,000	35,500
HEATING CAP. BTUH @ 17° F	28,600	28,600	18,400	28,600	28,600	18,400	28,600	28,600	18,400
OPERATING WEIGHT	560#	615#	572#	560#	615#	572#	560#	615#	572#
SEER	14.00	14.3	14.00	14.00	14.3	14.00	14.00	14.3	14.00
HSPF	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
COP @ 47° F	3.4	3.5	3.4	3.4	3.5	3.4	3.4	3.5	3.4
COP @ 17° F	2.4	2.4	2.3	2.4	2.4	2.3	2.4	2.4	2.3

14 SEER (GAS ALTERNATE)

TAG	STANDARD			OPTION #1			OPTION #2		
	RM-2.1	RM-2.2	RM-2.3	RM-2.1	RM-2.2	RM-2.3	RM-2.1	RM-2.2	RM-2.3
NOMINAL TONNAGE	4.0 TONS	*5 TONS	3 TONS	4.0 TONS	*5 TONS	3 TONS	4.0 TONS	*5 TONS	3 TONS
MANUFACTURER	**CARRIER	**CARRIER	**CARRIER	**CARRIER	**CARRIER	**CARRIER	**CARRIER	**CARRIER	**CARRIER
MODEL#	50KQ05	50KQ06	50KQ04	50KQ05	50KQ06	50KQ04	50KQ05	50KQ06	50KQ04
CFM	1600	1750	1400	1600	1750	1400	1600	1750	1400
STATIC PRESSURE	0.2	0.2	0.15	0.2	0.2	0.15	0.2	0.2	0.15
DRIVE	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT	BELT
MCA	36.1	41.8	29.6	36.1	41.8	29.6	36.1	41.8	29.6</

PC DESIGN REVIEW INFORMATION Title 24, Part 6, Energy Code DSA Application #: 04-116504 Calculation Date/Time of Energy Report: 2018-06-23 17:00:30 Model Name and Option: 24'x40' PC - CLASS LEASING LLC Total Floor Area: 960 Ft ² HVAC System Type: Simple / Wall Mounted A/C				
Climate Zone (Reference City)	Azimuth (Front Orientation)	TDV - Standard Design	TDV - Proposed Design	Compliance Margin
14 (Palmdale) <	30	375.47	352.44	6.13%
	< * 75	356.34	348.45	< * 2.20%
	120	374.87	352.54	5.96%
	165	377.28	352.73	6.51%
	210	375.47	352.94	6.00%
	* 255	356.36	348.45	* 2.20%
300	374.87	352.54	5.96%	
345	377.28	352.73	6.51%	
15 (Palm Springs-Int)	30	429.08	394.12	8.15%
	* 75	411.12	390.15	* 5.10%
	120	428.02	394.06	7.93%
	165	430.53	394.04	8.48%
	210	429.08	394.12	8.15%
	* 255	411.12	390.15	* 5.10%
300	428.02	394.06	7.93%	
345	430.53	394.04	8.48%	
16 (Blue Canyon)	30	357.12	336.72	5.71%
	* 75	337.94	329.35	* 2.50%
	120	356.82	336.85	5.60%
	165	358.91	336.85	6.12%
	210	357.12	336.72	5.71%
	* 255	337.94	329.35	* 2.50%
300	356.82	336.85	5.60%	
345	358.91	336.85	6.12%	

PC DESIGN REVIEW INFORMATION Title 24, Part 6, Energy Code DSA Application #: 04-116504 Calculation Date/Time of Energy Report: 2018-06-23 19:58:52 Model Name and Option: 120'x40' PC - CLASS LEASING LLC Total Floor Area: 4,800 Ft ² HVAC System Type: Simple / Wall Mounted A/C				
Climate Zone (Reference City)	Azimuth (Front Orientation)	TDV - Standard Design	TDV - Proposed Design	Compliance Margin
14 (Palmdale) <	30	355.00	337.30	4.99%
	< * 75	334.48	333.12	< * 0.40%
	120	353.88	336.40	4.94%
	165	358.78	338.70	5.60%
	210	355.00	337.30	4.99%
	* 255	334.48	333.12	* 0.40%
300	353.88	336.40	4.94%	
345	358.78	338.70	5.60%	
15 (Palm Springs-Int)	30	406.60	381.50	6.17%
	* 75	384.85	375.42	* 2.50%
	120	404.84	380.12	6.11%
	165	410.19	382.55	6.74%
	210	406.60	381.50	6.17%
	* 255	384.85	375.42	* 2.50%
300	404.84	380.12	6.11%	
345	410.19	382.55	6.74%	
16 (Blue Canyon)	30	334.47	320.27	4.25%
	* 75	314.67	312.69	* 0.60%
	120	333.94	319.52	4.32%
	165	339.48	321.33	5.35%
	210	334.47	320.27	4.25%
	* 255	314.67	312.69	* 0.60%
300	333.94	319.52	4.32%	
345	339.48	321.33	5.35%	



THE PLANS, IDEAS & DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF R&S TAVARES ASSOCIATES, INC. DEVISED SOLELY FOR THIS CONTRACT. THESE PLANS SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE FOR WHICH THEY WERE NOT INTENDED WITHOUT THE EXPRESS WRITTEN CONSENT OF R&S TAVARES ASSOCIATES, INC. ©



1221 Harley Knox Boulevard
Perris, CA 92571

Project Name:	120X40 (PC 04-116504) - Wall AC	NRCC-PRF-01-E	Page 1 of 19
Project Address:	Climate Zone 14 Palmdale	Calculation Date/Time:	19:52, Sat, Jun 23, 2018
Compliance Scope:	NewComplete	Input File Name:	120X40 PC - CZ14(Wall AC)R75RSPV.cibd16x

A. PROJECT GENERAL INFORMATION			
1. Project Location (city)	Palmdale	8. Standards Version	Compliance2016
2. CA Zip Code		9. Compliance Software (version)	EnergyPro 7.2
3. Climate Zone	14	10. Weather File	PALMDALE_723820_CZ2010.epw
4. Total Conditioned Floor Area in Scope	4,800 ft ²	11. Building Orientation (deg)	(E) 75 deg
5. Total Unconditioned Floor Area	0 ft ²	12. Permitted Scope of Work	NewComplete
6. Total # of Stories (Habitable Above Grade)	1	13. Building Type(s)	Nonresidential
7. Total # of dwelling units	0	14. Gas Type	NaturalGas

B. COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual TDV Energy Use, kBtu/ft ² -yr)				
§ 140.1				
BUILDING COMPLIES				
1. Energy Component	2. Standard Design (TDV)	3. Proposed Design (TDV)	4. Compliance Margin (TDV)	5. Percent Better than Standard
Space Heating	17.88	22.68	-4.80	-26.8%
Space Cooling	103.92	117.41	-13.49	-13.0%
Indoor Fans	88.46	85.47	2.99	3.4%
Heat Rejection	--	--	--	--
Pumps & Misc.	--	--	--	--
Domestic Hot Water	11.16	11.16	--	0.0%
Indoor Lighting	48.76	32.10	16.66	34.2%
COMPLIANCE TOTAL	270.18	268.82	1.36	0.5%
Receptacle	64.30	64.30	0.0	0.0%
Process	--	--	--	--
Other Ltg	--	--	--	--
Process Motors	--	--	--	--
TOTAL	334.48	333.12	1.4	0.4%

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-06152018-5302 Report Generated at: 2018-06-23 19:53:38

Project Name:	120X40 (PC 04-116504) - Wall AC	NRCC-PRF-01-E	Page 4 of 19
Project Address:	Climate Zone 14 Palmdale	Calculation Date/Time:	19:52, Sat, Jun 23, 2018
Compliance Scope:	NewComplete	Input File Name:	120X40 PC - CZ14(Wall AC)R75RSPV.cibd16x

G. COMPLIANCE PATH & CERTIFICATE OF COMPLIANCE SUMMARY					
The following building components are only eligible for prescriptive compliance. Indicate which are relevant to the project.			The following building components may have mandatory requirements per Part 6. Indicate which are relevant to the project.		
Yes	NA	Prescriptive Requirement	Compliance Forms	Yes	NA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lighting (Indoor Unconditioned) §140.6	NRCC-LTI-01 / 02 / 03 / 04 / 05-E	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lighting (Outdoor) §140.7	NRCC-LTO-01 / 02 / 03-E	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lighting (Sign) §140.8	NRCC-LTS-01-E	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Solar Thermal Water Heating: §140.5	NRCC-STH-01-E	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Commercial Refrigeration	NRCC-PRC-02-E	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Warehouse Refrigeration	NRCC-PRC-05-E	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Compressed Air	NRCC-PRC-06/07/08-E	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Process Boilers	NRCC-PRC-10-E	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Process Boilers	NRCC-PRC-11-E	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-06152018-5302 Report Generated at: 2018-06-23 19:53:38

Project Name:	120X40 (PC 04-116504) - Wall AC	NRCC-PRF-01-E	Page 2 of 19
Project Address:	Climate Zone 14 Palmdale	Calculation Date/Time:	19:52, Sat, Jun 23, 2018
Compliance Scope:	NewComplete	Input File Name:	120X40 PC - CZ14(Wall AC)R75RSPV.cibd16x

C. PRIORITY PLAN CHECK/ INSPECTION ITEMS (in order of highest to lowest TDV energy savings)		Compliance Margin By Energy Component (from Table B column 4)
1st	Indoor Lighting: Check lighting	Indoor Lighting
2nd	Indoor Fans: Check envelope and mechanical	Indoor Fans
3rd	Heat Rejection: Check envelope and mechanical	Heat Rejection
4th	Pumps & Misc.: Check mechanical	Pumps & Misc.
5th	Domestic Hot Water: Check mechanical	Domestic Hot Water
6th	Space Heating: Check envelope and mechanical	Space Heating
7th	Space Cooling: Check envelope and mechanical	Space Cooling

D. EXCEPTIONAL CONDITIONS
The building does not include service water heating. Verify that service water heating is not required and is not included in the design.
This project uses the Simplified Geometry Performance Modeling Approach which is not capable of modeling daylighting controls and assumes the prescriptive Secondary Daylit Control requirements are met. PRESCRIPTIVE COMPLIANCE documentation (form NRCC-LTI-02-E) for the requirements of section 140.6(d) Automatic Daylighting Controls in Secondary Daylit Zones is required.

E. HERS VERIFICATION
This Section Does Not Apply

F. ADDITIONAL REMARKS
Standard Building (Compliance)

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H. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRCI/NRCA/NRVC) -			
Documentation Author to indicate which Certificates must be submitted for the features to be recognized for compliance (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify). See Tables G. and H. in MCH and LTI Details Sections for Acceptance Tests and forms by equipment.			
Building Component	Compliance Forms (required for submittal)	Confirmed	
		Pass	Fail
Envelope	<input checked="" type="checkbox"/> NRCC-ENV-01-E - For all buildings	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-ENV-02-F - NFRC label verification for fenestration	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-01-E - For all buildings with Mechanical Systems	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-MCH-02-A - Outdoor Air	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-03-A - Constant Volume Single Zone HVAC	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-04-H - Air Distribution Duct Leakage	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-05-A - Air Economizer Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-06-A - Demand Control Ventilation	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-07-A - Supply Fan Variable Flow Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-08-A - Valve Leakage Test	<input type="checkbox"/>	<input type="checkbox"/>
Mechanical	<input type="checkbox"/> NRCC-MCH-09-A - Supply Water Temp Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-10-A - Hydronic System Variable Flow Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-11-A - Auto Demand Shed Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-12-A - Packaged Direct Expansion Units	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-13-A - Air Handling Units and Zone Terminal Units	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-14-A - Distributed Energy Storage	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-15-A - Thermal Energy Storage	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-16-A - Supply Air Temp Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-17-A - Condensate Water Temp Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-MCH-18-A - Energy Management Controls Systems	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> NRCC-MCH-04-H - Duct Leakage Test	<input type="checkbox"/>	<input type="checkbox"/>	

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G. COMPLIANCE PATH & CERTIFICATE OF COMPLIANCE SUMMARY			
Identify which building components use the performance or prescriptive path for compliance. "NA"= not in project			
For components that utilize the performance path, indicate the sheet number that includes mandatory notes on plans.			
Building Component	Compliance Path	Compliance Forms (required for submittal)	Location of Mandatory Notes on Plans
Envelope	<input checked="" type="checkbox"/> Performance	NRCC-PRF-ENV-DETAILS (section of the NRCC-PRF-01-E)	M2.3
	<input type="checkbox"/> Prescriptive	NRCC-ENV-01 / 02 / 03 / 04 / 05 / 06-E	
Mechanical	<input checked="" type="checkbox"/> Performance	NRCC-PRF-MCH-DETAILS (section of the NRCC-PRF-01-E)	M2.3
	<input type="checkbox"/> Prescriptive	NRCC-MCH-01 / 02 / 03 / 04 / 05 / 06 / 07-E	
Domestic Hot Water	<input checked="" type="checkbox"/> Performance	NRCC-PRF-PLB-DETAILS (section of the NRCC-PRF-01-E)	M2.3
	<input type="checkbox"/> Prescriptive	NRCC-PLB-01-E	
Lighting (Indoor Conditioned)	<input checked="" type="checkbox"/> Performance	NRCC-PRF-LTI-DETAILS (section of the NRCC-PRF-01-E)	M2.3
	<input type="checkbox"/> Prescriptive	NRCC-LTI-01 / 02 / 03 / 04 / 05-E	
Covered Process: Commercial Kitchens	<input type="checkbox"/> Performance	S2 (section of the NRCC-PRF-01-E)	M2.3
	<input checked="" type="checkbox"/> Prescriptive	NRCC-PRC-01/ 03-E	
Covered Process: Computer Rooms	<input type="checkbox"/> Performance	S3 (section of the NRCC-PRF-01-E)	M2.3
	<input checked="" type="checkbox"/> Prescriptive	NRCC-PRC-01/ 04-E	
Covered Process: Laboratory Exhaust	<input type="checkbox"/> Performance	S4 (section of the NRCC-PRF-01-E)	M2.3
	<input checked="" type="checkbox"/> Prescriptive	NRCC-PRC-01/ 09-E	

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H. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRCI/NRCA/NRVC) -			
Documentation Author to indicate which Certificates must be submitted for the features to be recognized for compliance (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify). See Tables G. and H. in MCH and LTI Details Sections for Acceptance Tests and forms by equipment.			
Building Component	Compliance Forms (required for submittal)	Confirmed	
		Pass	Fail
Plumbing	<input type="checkbox"/> NRCC-PLB-01-E - For all buildings with Plumbing Systems	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-PLB-02-E - required on central systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-PLB-03-E - Single dwelling unit systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-PLB-21-E - HERS verified central systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-PLB-22-E - HERS verified single dwelling unit systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-PLB-21-H - HERS verified central systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-PLB-22-H - HERS verified single dwelling unit systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-STH-01-E - Any solar water heating	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-LTI-01-E - For all buildings	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-LTI-02-E - Lighting control system, or for an Energy Management Control System (EMCS)	<input type="checkbox"/>	<input type="checkbox"/>
Indoor Lighting	<input type="checkbox"/> NRCC-LTI-03-E - Line-voltage track lighting integral current limiter, or for a supplementary overcurrent protection panel used to energize only line-voltage track lighting	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-LTI-04-E - Two interlocked systems serving an auditorium, a convention center, a conference room, or a theater	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-LTI-05-E - Lighting Control Credit Power Adjustment Factor (PMF)	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-LTI-06-E - Additional wattage installed in a video conferencing studio	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-LTI-02-A - Occupancy sensors and automatic time switch controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCC-LTI-03-A - Automatic daylighting controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-LTI-04-A - Demand responsive lighting controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-LTI-01-E - Outdoor Lighting	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-LTI-02-E - EMCS Lighting Control System	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-LTI-02-A - Outdoor Lighting Control	<input type="checkbox"/>	<input type="checkbox"/>
Sign Lighting	<input type="checkbox"/> NRCC-LTI-01-E - Sign Lighting	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCC-ELC-01-E - Electrical Power Distribution	<input type="checkbox"/>	<input type="checkbox"/>
Photovoltaic	<input type="checkbox"/> NRCC-SPV-01-E Photovoltaic Systems	<input type="checkbox"/>	<input type="checkbox"/>

CA

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Project Address: Climate Zone 14 Palmdale
Compliance Scope: NewComplete
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Project Name: 120X40 (PC 04-116504) - Wall AC
Project Address: Climate Zone 14 Palmdale
Compliance Scope: NewComplete
Calculation Date/Time: 19:52, Sat, Jun 23, 2018
Input File Name: 120X40 PC - CZ14(Wall AC)R75RSPV.cibd16x

Project Name: 120X40 (PC 04-116504) - Wall AC
Project Address: Climate Zone 14 Palmdale
Compliance Scope: NewComplete
Calculation Date/Time: 19:52, Sat, Jun 23, 2018
Input File Name: 120X40 PC - CZ14(Wall AC)R75RSPV.cibd16x

H. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRC/NRCA/NRCV) - Documentation Author to indicate which Certificates must be submitted for the features to be recognized for compliance.

I. ENVELOPE GENERAL INFORMATION (See NRCC-PRF-ENV-DETAILS for more information)
Table with 5 columns: Item, Description, Value, Units, Confirmed.

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O. EQUIPMENT CONTROLS § 120.2
Table with 3 columns: Equip Name, Equip Type, Controls.

P. SYSTEM DISTRIBUTION SUMMARY § 120.4 / § 140.4(i)
Table with 6 columns: Equip Name, Equip Type, Duct Leakage, Ducts, Status.

Does the Project Include Zonal Systems? (If "Yes", see NRCC-PRF-MCH-DETAILS for system information)
Does the Project Include a Solar Hot Water System? (If "Yes", see NRCC-PRF-MCH-DETAILS for system information)
Multifamily or Hotel/ Motel Occupancy? (If "Yes", see NRCC-PRF-MCH-DETAILS for DHW system information)

Q. INDOOR CONDITIONED LIGHTING GENERAL INFO (See NRCC-PRF-LTI-DETAILS for more info) § 140.6
Table with 5 columns: Occupancy Type, Conditioned Floor Area, Installed Lighting Power, Lighting Control Credits, Additional (Custom) Allowance.

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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT § 10-103
I certify that this Certificate of Compliance documentation is accurate and complete.
Documentation Author Name: LAL B. SAHGAL

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am licensed in the State of California as a civil engineer, mechanical engineer, electrical engineer, or I am a licensed architect.

Responsible Envelope Designer Name: Manny D. Frisch
Responsible Lighting Designer Name: Ralph M. Tavares
Responsible Mechanical Designer Name: Lal Sahgal

J. FENESTRATION ASSEMBLY SUMMARY § 110.6
Table with 9 columns: Fenestration Assembly Name, Fenestration Type, Certification Method, Assembly Method, Area, Overall U-Factor, Overall SHGC, Overall VT, Status.

1 Newly installed fenestration shall have a certified NRC Label Certificate or use the CEC default tables found in Table 110.6-A and Table 110.6-B. Center of Glass (COG) values are for the glass-only, determined by the manufacturer, and are shown for ease of verification. Site built fenestration values are calculated per Nonresidential Appendix NA6 and are used in the analysis.

Taking compliance credit for fenestration shading devices? (If "Yes", see NRCC-PRF-ENV-DETAILS for more information) No

K. OPAQUE SURFACE ASSEMBLY SUMMARY § 120.7 / § 140.3
Table with 7 columns: Surface Name, Surface Type, Area, Framing Type, Cavity R-Value, Continuous R-Value, U-Factor / F-Factor / C-Factor.

L. ROOFING PRODUCT SUMMARY § 140.3
Table with 7 columns: Product Type, Product Density, Aged Solar Reflectance, Thermal Emittance, SRI, Cool Roof Credit, Roofing Product Description.

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R. INDOOR CONDITIONED LIGHTING SCHEDULE (Adapted from NRCC-LTI-01-E) § 130.0
Table with 6 columns: Name or Item Tag, Complete Luminaire Description, Watts per luminaire, How Wattage is Determined, Total Number Luminaires, Installed Watts.

S1. COVERED PROCESS SUMMARY - ENCLOSED PARKING GARAGES § 140.9
This Section Does Not Apply

S2. COVERED PROCESS SUMMARY - COMMERCIAL KITCHENS § 140.9
This Section Does Not Apply

S3. COVERED PROCESS SUMMARY - COMPUTER ROOMS § 140.9
This Section Does Not Apply

S4. COVERED PROCESS SUMMARY - LABORATORY EXHAUSTS § 140.9
This Section Does Not Apply

T. UNMET LOAD HOURS
This Section Does Not Apply

U. ENERGY USE SUMMARY
Table with 7 columns: Energy Component, Standard Design Site (MWh), Proposed Design Site (MWh), Margin (MWh), Standard Design Site (MBtu), Proposed Design Site (MBtu), Margin (MBtu).

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M. HVAC SYSTEM SUMMARY (see NRCC-PRF-MCH-DETAILS for more information) § 110.1 / § 110.2
Table with 11 columns: Equip Name, Equip Type, System Type, Total Heating Output, Supp Heat Source, Supp Heat Output, Total Cooling Output, Efficiency, Acceptance Testing Required.

1 Dry System Equipment includes furnaces, air handling units, heat pumps, etc.
2 Simple Systems must complete NRCC-CR-03-E commissioning design review form.
3 Complex Systems must complete NRCC-CR-04-E commissioning design review form.

Discrepancy between modeled and designed equipment sizing? (If "Yes", see Table F. "Additional Remarks" for an explanation) No

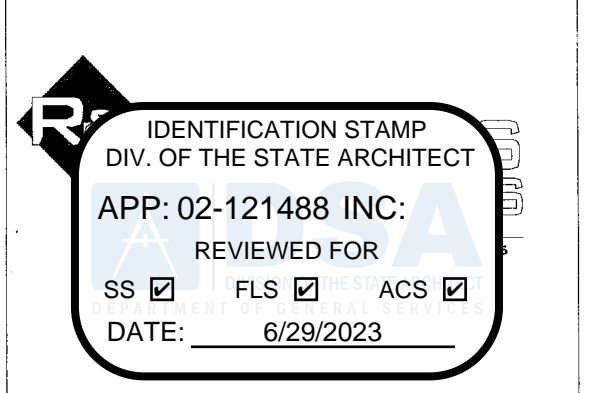
N. ECONOMIZER & FAN SYSTEMS SUMMARY § 140.4
Table with 11 columns: Equip Name, Outside Air, Supply Fan, Return Fan, Economizer Type.

1 Mechanical ventilation calculations and exhaust fans are included in the NRCC-PRF-MCH-DETAILS section

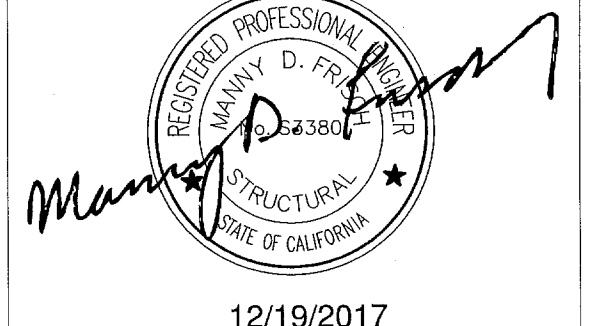
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U. ENERGY USE SUMMARY
Table with 7 columns: Energy Component, Standard Design Site (MWh), Proposed Design Site (MWh), Margin (MWh), Standard Design Site (MBtu), Proposed Design Site (MBtu), Margin (MBtu).

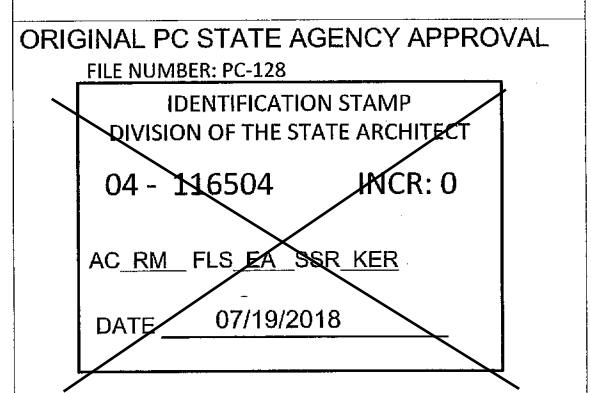
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PROFESSIONAL STAMP

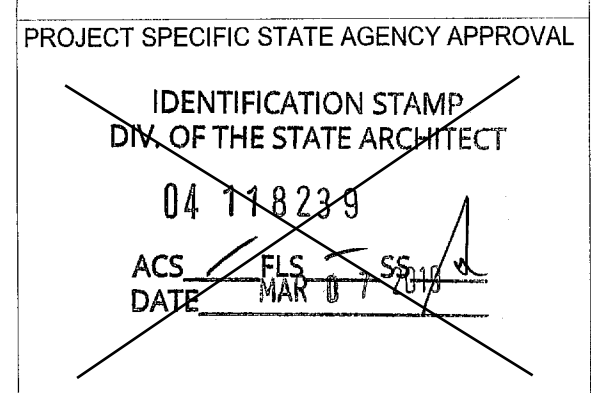


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PROJECT TITLE 24' x 40' EXPANDABLE TO 120' x 40'

PRE-CHECK (PC) DOCUMENT Code: 2016 | CBC A separate project application for construction is required.



Revision Schedule # Description Date

SHEET TITLE 120'x40' T24 CZ 16 (WALL AC)

PROJECT NUMBER 17016A

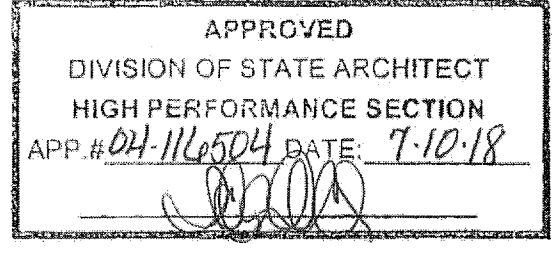
DRAWN BY rMc/SC

CHECKED BY JA/RT

DATE 07/05/2018

SHEET NO. M2.2

SHEET OF SHEETS



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NRCC-PRF-ENV-DETAILS - SECTION START

A. OPAQUE SURFACE ASSEMBLY DETAILS				Confirmed	
1. Surface Name	2. Surface Type	3. Description of Assembly Layers	4. Notes	Pass	Fail
R-19 Wall Metal Stud5	ExteriorWall	Stucco - 7/8 in. Vapor permeable felt - 1/8 in. Metal framed wall, 16in. OC, 5.5in., R-19 Gypsum Board - 1/2 in. Expanded Polystyrene - EPS - 1 in. R4.2		<input type="checkbox"/>	<input type="checkbox"/>
Raised Slab Floor with R-12	ExteriorFloor	Concrete - 140 lb/ft3 - 4 in. Metal framed floor, 24in. OC, 5.5in., R-11 Plywood - 1/2 in. Carpet - 3/4 in.		<input type="checkbox"/>	<input type="checkbox"/>
Standing Seam R-30 Metal14	Roof	Metal Standing Seam - 1/16 in. Metal standing seam roof, R-30		<input type="checkbox"/>	<input type="checkbox"/>

B. OVERHANG DETAILS (Adapted from NRCC-ENV-02-E)

This Section Does Not Apply

C. OPAQUE DOOR SUMMARY

This Section Does Not Apply

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NRCC-PRF-MCH-DETAILS - SECTION START

A. MECHANICAL VENTILATION AND REHEAT (Adapted from 2016-NRCC-MCH-03-E)														Confirmed			
CONDITIONED ZONE NAME	HEATING/COOLING SYSTEM ID	1. DESIGN AIR FLOWS				2. VENTILATION (§ 120.1)								Pass	Fail		
		DESIGN PRIMARY AIR FLOW (CFM)	DESIGN SECONDARY AIR FLOW (CFM)	MINIMUM PRIMARY AIR FLOW REACTION	MINIMUM SECONDARY AIR FLOW REACTION	REQD VENT AIR FLOW (CFM)	DESIGN VENT AIR FLOW (CFM)	TRANSFER AIRFLOW (CFM)	OCU (V/N)	Operable Window Interlock \$ 140.4(a)(1)(N)	MIN. VENT PER PERSON (CFM/PERSON)	DESIGN NUM. OF PEOPLE (GEM/75)	MIN. VENT PER AREA (CFM/FT2)			CONDITONED AREA (ft2)	
1-First Floor	AC-1 to AC-5	6,250	NA	NA	NA	NA	NA	NA	NA	15.00	1,800	1,800	NA	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>
TOTAL		4,800								1,800	1,800	NA				<input type="checkbox"/>	<input type="checkbox"/>

B. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

B. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY														Confirmed	
System ID	System Type	Qty	Rated Capacity (kBtu/h)		Economizer	Zone Name	Airflow (cfm)			Fan			Pass	Fail	
			Heating	Cooling			Design	Min.	Min. Ratio	BHP	Cycles	ECM Motor			
1-First Floor-Trm	Uncontrolled	5	NA	NA	NA	1-First Floor	6250	NA	NA	NA	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>	

C. EXHAUST FAN SUMMARY

This Section Does Not Apply

D. DHW EQUIPMENT SUMMARY - (Adapted from NRCC-PLB-01)

This Section Does Not Apply

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E. MULTI-FAMILY CENTRAL DHW SYSTEM DETAILS

This Section Does Not Apply

F. SOLAR HOT WATER HEATING SUMMARY (Adapted from NRCC-STH-01)

This Section Does Not Apply

G. MECHANICAL HVAC ACCEPTANCE TESTS & FORMS (Adapted from 2016-NRCC-MCH-01-E)

Declaration of Required Acceptance Certificates (NRCA) - Acceptance Certificates that may be submitted. (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify).

Test Description	MCH-02A	MCH-03A	MCH-04A	MCH-05A	MCH-06A	MCH-07A	MCH-08A	MCH-09A	MCH-10A	MCH-11A	MCH-12A	MCH-13A	MCH-14A	MCH-15A	MCH-16A	MCH-17A	MCH-18A	Confirmed	
Equipment Requiring Testing or Verification																		Pass	Fail
AC-1 to AC-5	5	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>

H. EVAPORATIVE COOLER SUMMARY

This Section Does Not Apply

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NRCC-PRF-LTI-DETAILS - SECTION START

A. INDOOR CONDITIONED LIGHTING CONTROL CREDITS (Adapted from NRCC-LTI-02-E)								§ 140.6			
Lighting Control Credits Schedule (includes all lighting controls installed in conditioned space for compliance credit per §140.6(a)2 and Table 140.6-A)								Control Credit Calculation		V if Acceptance Test Required	Confirmed
Location in Building	Occupancy Type (must meet requirements of Table 140.6-A)	Type/Description of Lighting Control (i.e., partial on occupancy sensor, manual dimming, etc.)	# of Units	Watts of Controlled Lighting	Power Adjustment Factor	Control Credit Watts	Control Credit	Pass	Fail		
S-1-First Floor	Classrooms, Lecture, Training, Vocational Areas	- none specified -	1		0.00	0		<input type="checkbox"/>	<input type="checkbox"/>		

B. INDOOR CONDITIONED LIGHTING MANDATORY LIGHTING CONTROLS (Adapted from NRCC-LTI-02-E)

This Section Does Not Apply

C. TAILORED METHOD CONDITIONED LIGHTING POWER ALLOWANCE SUMMARY AND CHECKLIST (Adapted from NRCC-LTI-04-E)

General lighting power (see Table D)		0
General lighting power from special function areas (see Table E)	NA	NA
Additional "use it or lose it" (See Table G)	0	0
Total watts	0	0

D. GENERAL LIGHTING POWER (Adapted from NRCC-LTI-04-E)

This Section Does Not Apply

E. GENERAL LIGHTING FROM SPECIAL FUNCTION AREAS (Adapted from NRCC-LTI-04-E)

Room Number	Primary Function Area	Illuminance Value (LUX)	Room Cavity Ratio (Table G)	Allowed LPD	Floor Area (ft²)	Allowed Watts	Confirmed
NA	NA	NA	NA	NA	NA	NA	Pass Fail

Note: Tailored Method for Special Function Areas is not currently implemented

Project Name:	120X40 (PC 04-116504) - Wall AC	NRCC-PRF-01-E	Page 18 of 19
Project Address:	Climate Zone 14 Palmdale	Calculation Date/Time:	19:52, Sat, Jun 23, 2018
Compliance Scope:	NewComplete	Input File Name:	120X40 PC - CZ14(Wall AC)R75RSPV.cibd16x

F. ROOM CAVITY RATIO (Adapted from NRCC-LTI-04-E)

Rectangular Spaces							Confirmed	
Room Number	Task/Activity Description	Room Length (ft)	Room Width (ft)	Room Cavity Height (ft)	RCR	Pass	Fail	
NA	NA	NA	NA	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>	

Non-Rectangular Spaces

This Section Does Not Apply

G. ADDITIONAL "USE IT OR LOSE IT" (Adapted from NRCC-LTI-04-E)

1. Wall Display	2. Combined Floor Display and Task Lighting	3. Combined Ornamental and Special Effects Lighting	4. Very Valuable Merchandise	Allowed Watts	Confirmed
0	0	0	0	0	Pass Fail

5. Wall Display

This Section Does Not Apply

6. Floor Display and Task Lighting

This Section Does Not Apply

7. Combined Ornamental and Special Effects Lighting

This Section Does Not Apply

8. Very Valuable Merchandise

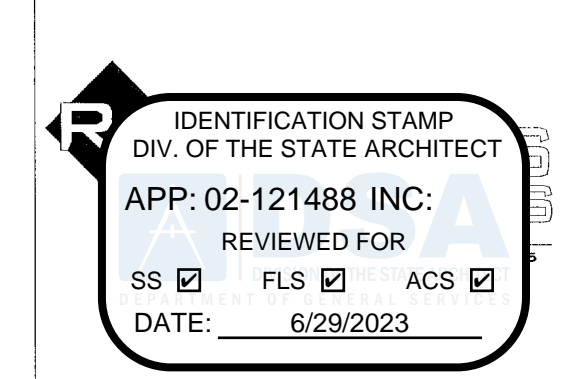
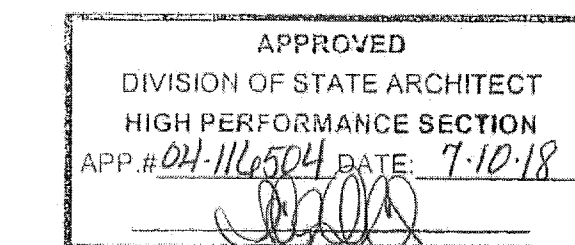
This Section Does Not Apply

Project Name:	120X40 (PC 04-116504) - Wall AC	NRCC-PRF-01-E	Page 19 of 19
Project Address:	Climate Zone 14 Palmdale	Calculation Date/Time:	19:52, Sat, Jun 23, 2018
Compliance Scope:	NewComplete	Input File Name:	120X40 PC - CZ14(Wall AC)R75RSPV.cibd16x

H. INDOOR & OUTDOOR LIGHTING ACCEPTANCE TESTS & FORMS (Adapted from NRCC-LTI-01-E and NRCC-LTO-01-E)

Declaration of Required Acceptance Certificates (NRCA) - Acceptance Certificates that must be verified in the field. (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify).

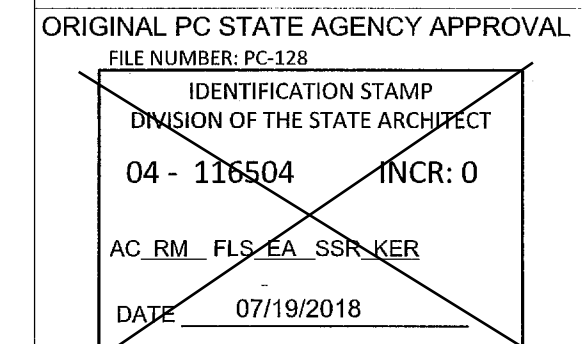
Test Description	# of units	Indoor			Outdoor	Confirmed	
		NRCA-LTI-02-A	NRCA-LTI-03-A	NRCA-LTI-04-A	NRCA-LTO-02-A	Pass	Fail
Equipment Requiring Testing or Verification							
Occupant Sensors	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Time Switch	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automatic Daylighting	0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Demand Responsive	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Controls	0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



PROFESSIONAL STAMP

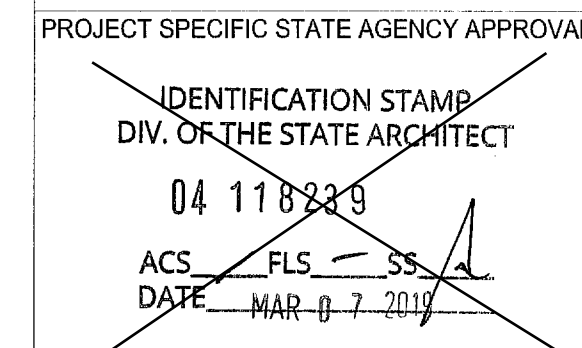


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PROJECT TITLE
24' x 40' EXPANDABLE TO 120' x 40'

PRE-CHECK (PC) DOCUMENT
Code: 1 2016 CBC
A separate project application for construction is required.



Revision Schedule
Description Date

SHEET TITLE
120'x40' T24 CZ 16 (WALL AC)

PROJECT NUMBER
17016A

DRAWN BY
rMc/SC

CHECKED BY
JA/RT

DATE
07/05/2018

SHEET NO.
M2.3

SHEET OF SHEETS

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-06152018-5302 Report Generated at: 2018-06-23 19:53:38

ENVELOPE MANDATORY MEASURES: NONRESIDENTIAL		ENV-MM
Project Name 120X40 (PC 04-116504) - Wall AC	Date 6/23/2018	
DESCRIPTION		
Building Envelope Measures:		
§110.8(a):	Installed insulating material shall have been certified by the manufacturer to comply with the California Quality Standards for insulating material, Title 20 Chapter 4, Article 3.	
§110.8(c):	All Insulating Materials shall be installed in compliance with the flame spread rating and smoke density requirements of Sections 2602 and 707 of Title 24, Part 2.	
§110.8(g):	Heated slab floors shall be insulated according to the requirements in Table 110.8-A.	
§110.7(a):	All Exterior Joints and openings in the building that are observable sources of air leakage shall be caulked, gasketed, weatherstripped or otherwise sealed.	
§110.6(a):	Manufactured fenestration products and exterior doors shall have air infiltration rates not exceeding 0.3 cfm/ft. ² of window area, 0.3 cfm/ft. ² of door area for residential doors, 0.3 cfm/ft. ² of door area for nonresidential single doors (swinging and sliding), and 1.0 cfm/ft. ² for nonresidential double doors (swinging).	
§110.6(a):	Fenestration U-factor shall be rated in accordance with NFRC 100, or the applicable default U-factor.	
§110.6(a):	Fenestration SHGC shall be rated in accordance with NFRC 200, or NFRC 100 for site-built fenestration, or the applicable default SHGC.	
§110.6(b):	Site Constructed Doors, Windows and Skylights shall be caulked between the unit and the building, and shall be weatherstripped (except for unframed glass doors and fire doors).	
§120.7(a):	The opaque portions of the roof/ceiling that separates conditioned spaces from unconditioned spaces or ambient air shall meet the applicable U-Factor requirements as follows: Metal Building- The weighted average U-factor of the roof assembly shall not exceed 0.099. Wood Framed and Others- The weighted average U-factor of the roof assembly shall not exceed 0.075. The opaque portions of walls that separate conditioned spaces from unconditioned spaces or ambient air shall meet the applicable U-factor as follows: Metal Building- The weighted average U-factor of the wall assembly shall not exceed 0.113. Metal Framed- The weighted average U-factor of the wall assembly shall not exceed 0.151. Light Mass Walls- A 6 inch or greater Hollow Core Concrete Masonry Unit shall have a U-factor not to exceed 0.440. Heavy Mass Walls- An 8 inch or greater Hollow Core Concrete Masonry Unit shall have a U-factor not to exceed 0.690. Wood Framed and Others- The weighted average U-factor of the wall assembly shall not exceed 0.110. Spandrel Panels and Opaque Curtain Wall- The weighted average U-factor of the spandrel panels and opaque curtain wall assembly shall not exceed 0.280. Demising Walls- The opaque portions of framed demising walls shall meet the requirements of Item A or B below: A. Wood framed walls shall be insulated to meet a U-factor not greater than 0.099. B. Metal Framed walls shall be insulated to meet a U-factor not greater than 0.151.	
§120.7(c):	The opaque portions of floors and soffits that separate conditioned spaces from unconditioned spaces or ambient air shall meet the applicable U-Factor requirements as follows: Raised Mass Floors- Shall have a minimum of 3 inches of lightweight concrete over a metal deck or the weighted average U-factor of the floor assembly shall not exceed 0.269. Other Floors- The weighted average U-factor of the floor assembly shall not exceed 0.071.	

Mandatory Measures: The following notes (items) represent the Mandatory Measures for all buildings.

Heat pumps with supplementary electric resistance heaters shall have controls:

- 1) That prevent supplementary heater operation when the heating load can be met by the heat pump alone; and
- 2) In which the cut-on temperature for compression heating is higher than the cut-on temperature for supplementary heating, and the cut-off temperature for compression heating is higher than the cut-off temperature for supplementary heating.

Sec. 110.2 (b)

The minimum rate of outdoor air required per Section 120.1 (b) 2 shall be supplied to each space at all time the space is usually occupied.

Sec. 120.1 (c) 3

The Lesser of the minimum rate of outdoor air required by Sec. 120.1 (b) 2, or three complete air changes shall be supplied to the entire building during the one-hour period immediately before the building is normally occupied.

Sec. 120.1 (c) 2

Hotel/Motel Guest Room Thermostats shall have numeric temperature set points in degrees F; and set point stops accessible only to authorized personnel, to restrict over-heating and over-cooling.

Sec. 120.2 (c)

All air distribution system ducts and plenums, including, but not limited to, building cavities, mechanical closets, air-handler boxes and support platforms used as ducts or plenums, shall be installed, sealed and insulated to meet the requirements of chapter 6 of the 2001 CMC. Supply-air and return-air ducts conveying heated or cooled air shall be insulated to a minimum installed level of R-8, unless ducts are in conditioned space.

Sec. 120.4 (a)

The thermostatic controls for HVAC systems shall meet the following requirements as applicable:

- a) Each space conditioning zone shall be controlled by an individual thermostatic control that responds to temperature within the zone and meets the applicable requirements of Subsection (b).
- b) Each Thermostatic control required by Subsection (a) shall be capable of being set locally or remotely by adjustment or selection of sensors to control:
 - 1) Comfort heating down to 55°F or lower.
 - 2) Comfort Cooling up to 85°F or higher.
 - 3) Both heating and cooling, the thermostatic controls shall be capable of providing a temperature range or dead band of at least 5°F within which the supply of heating and cooling energy to the zone is shut off or reduced to a minimum.

Sec. 120.2 (a) & (b)

- 1) Outdoor air supply and exhaust equipment shall be installed with dampers that automatically close upon fan shutdown. Sec. 120.2 (f)

- 2) Demand Control Ventilation Devices (CO2 sensors) shall be installed in accordance with Sec. 120.1 (c) 4. Sec. 120.1 (c) 4

- 3) Each space-conditioning system shall be installed with controls that comply with Items 1 and 2 below:

- 1) Are capable of automatically shutting off the system during periods of non-use and shall have:
 - a) An automatic time switch control device complying with Sec. 119(c), with an accessible manual override that allows operation of the system for up to 4 hours; or
 - b) An occupancy sensor; or
 - c) A four-hour timer that can be manually operated.
 - d) EXCEPTION: Mechanical systems serving retail stores and associated malls, restaurants, grocery stores, churches, and theaters equipped with 7-day programmable timers.

- 2) Automatically restart and temporarily operate the system as required to maintain:
 - a) A setback heating thermostat set point, if the system provides mechanical heating; and
EXCEPTION: Area with the design winter outdoor temperature of greater than 32°F.
 - b) A setup cooling thermostat set point, if the system provides mechanical cooling.

EXCEPTION: Area with the design summer outdoor temperature of less than 100°F.
EXCEPTION: Systems serving hotel/motel guest rooms, if they have a readily accessible manual shut-off switch.

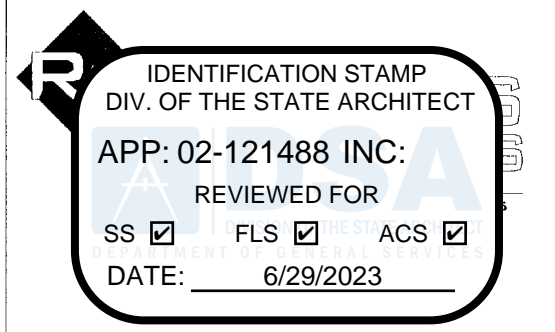
Sec. 120.2 (e)

- 4) The piping for all space conditioning and service water heating systems shall be insulated in accordance with TABLE 123-A. Sec. 120.3

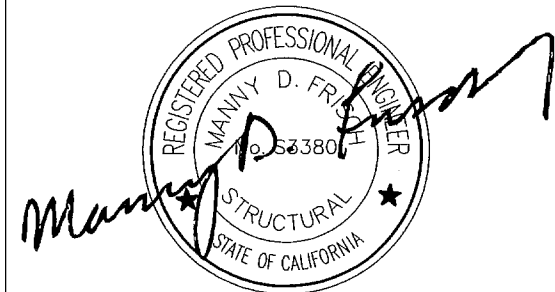
- 5) Service water heating systems and equipment shall meet the applicable requirements of the Appliance Efficiency Regulations as required by Sec. 110.1. Sec. 110.3 (b)

- 6) Service hot water systems with circulating pumps or with electrical heat trace systems shall be capable of automatically turning off the system. Sec. 110.3 (c) 2

- 7) Lavatories in public restrooms shall have controls that limit the water supply temperature to 110°F. Sec. 110.3 (c) 3



PROFESSIONAL STAMP



12/19/2017

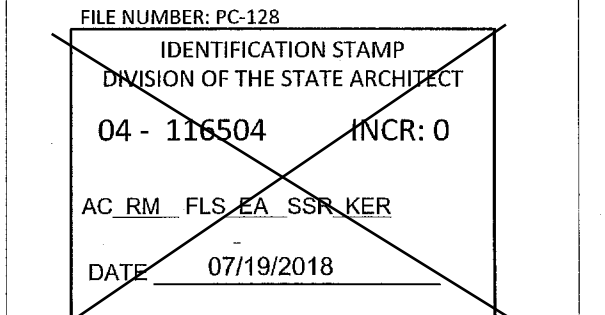
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CLIENT



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Perris, CA 92571

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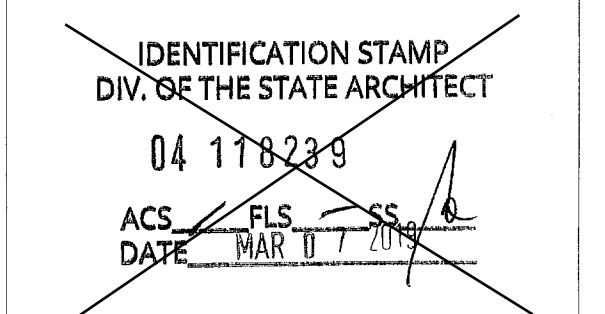


PROJECT TITLE

24' x 40'
EXPANDABLE TO
120' x 40'

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL



Revision Schedule

#	Description	Date

SHEET TITLE

120'x40' T24 CZ 16
(WALL AC)

PROJECT NUMBER

17016A

DRAWN BY

rMc/SC

CHECKED BY

JA/RT

DATE

07/05/2018

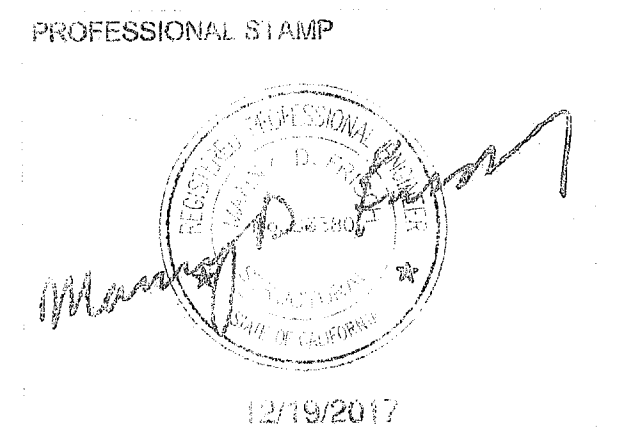
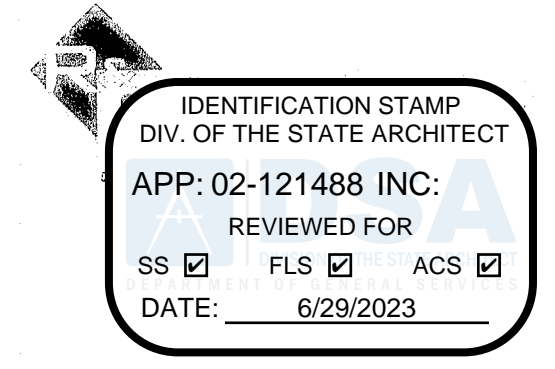
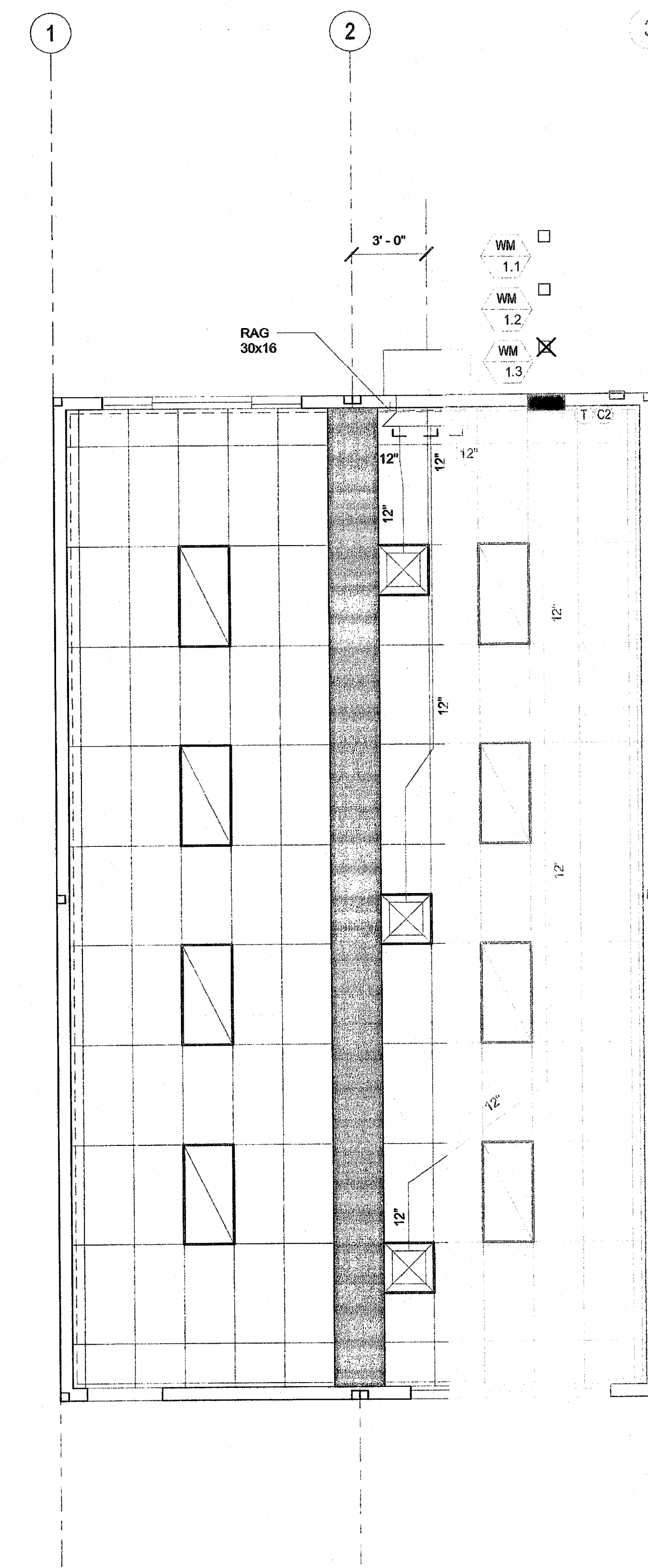
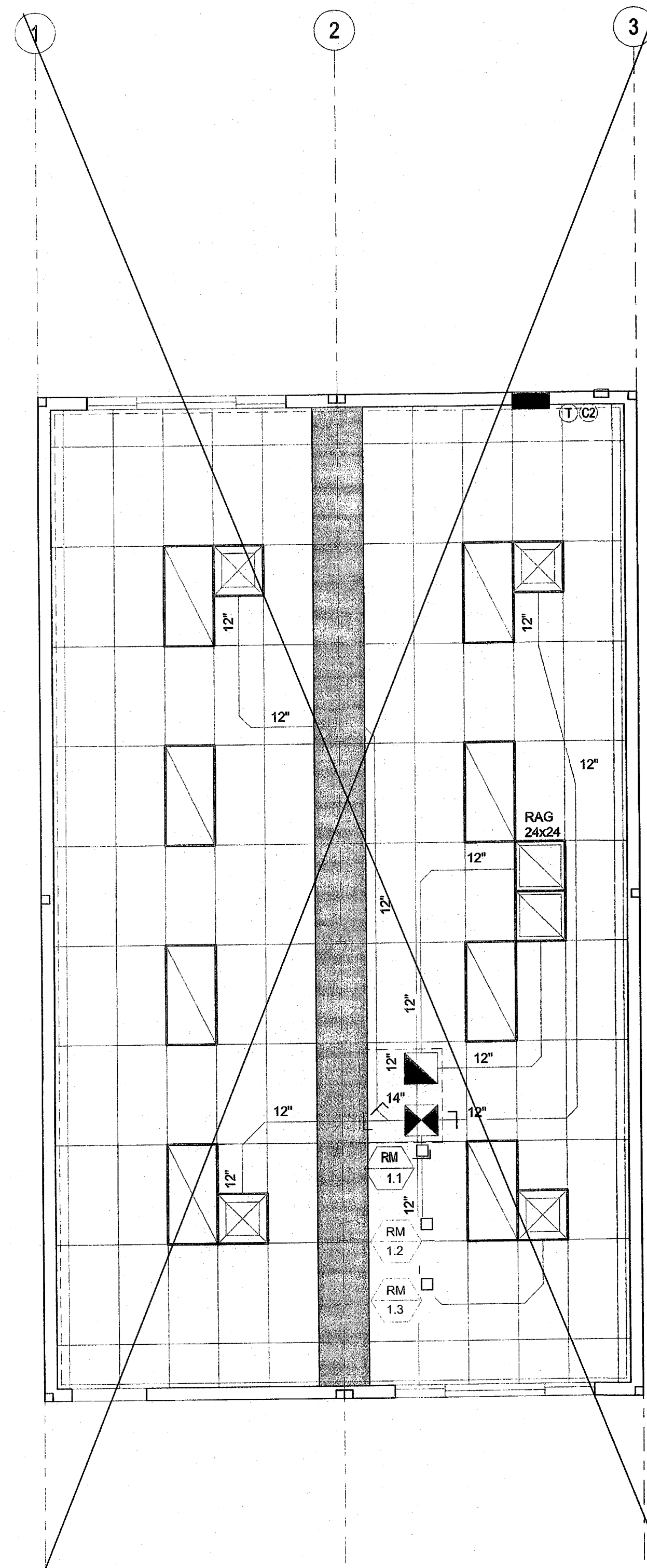
SHEET NO.

M2.4

SHEET OF SHEETS

GENERAL NOTES:

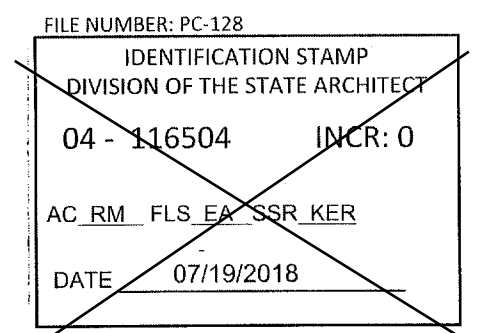
- 1- DUCTWORK SHALL HAVE R-8 INSULATION.
- 2- PER 2016 CALIFORNIA MECHANICAL CODE (CMC) SECTION 603.4.1 AND SECTION 603.5 FACTORY-MADE FLEXIBLE AIR DUCTS AND CONNECTORS SHALL BE MORE THAN FIVE (5) FEET IN LENGTH AND SHALL BE USED IN LIEU OF RIGID ELBOWS OR FITTINGS.



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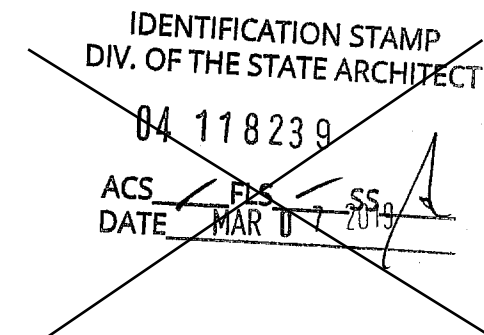


ORIGINAL PC-STATE AGENCY APPROVAL



PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL

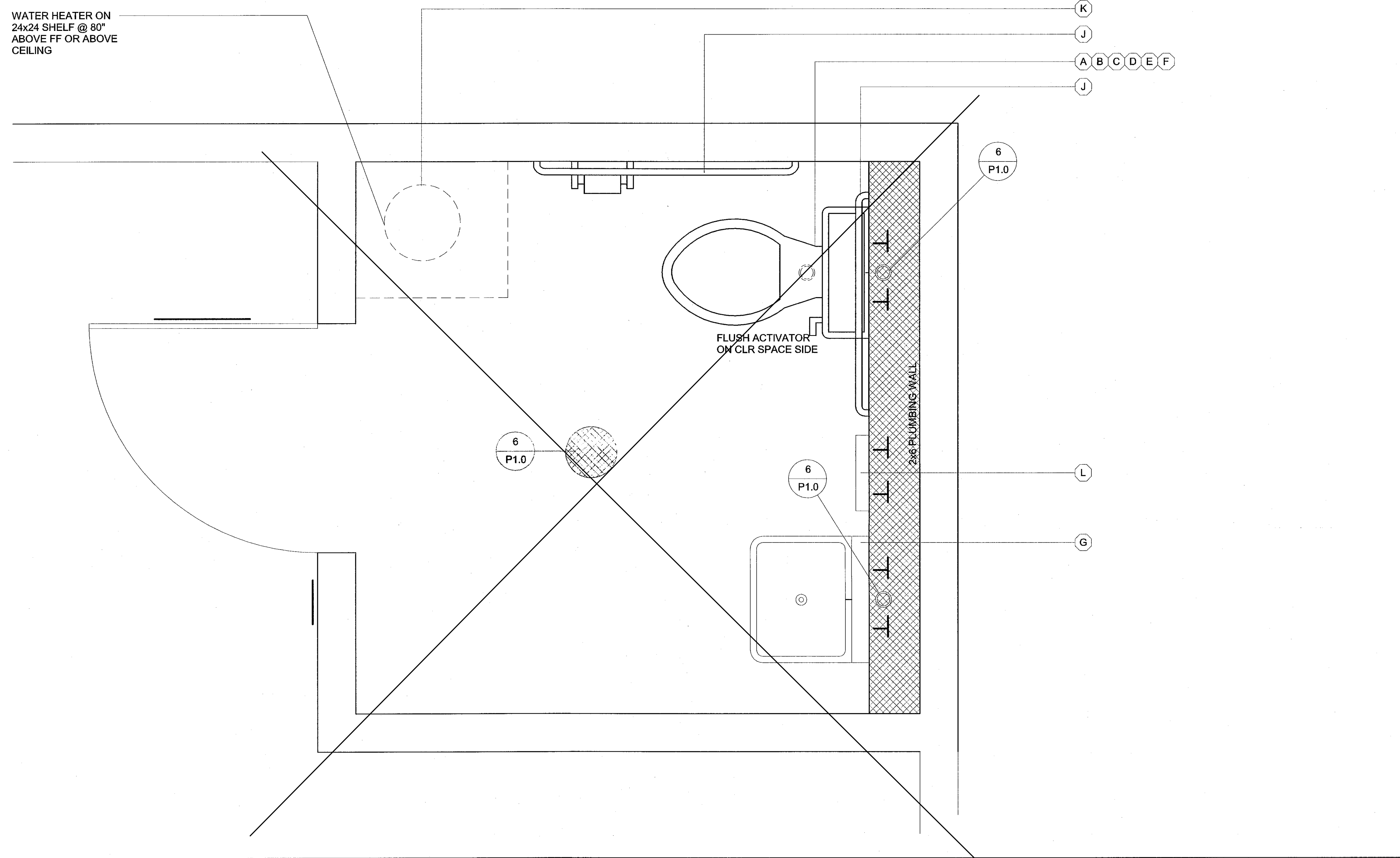


#	Description	Date

SHEET TITLE
MECHANICAL CEILING PLAN 24x40

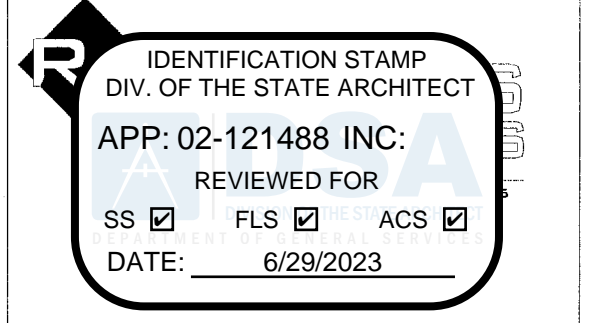
PROJECT NUMBER: 17018A
DRAWN BY: JMC/SC
CHECKED BY: JAJ/RT
DATE: 2017/06/05
SHEET NO: **M5.1**

WATER HEATER ON
24x24 SHELF @ 80"
ABOVE FF OR ABOVE
CEILING

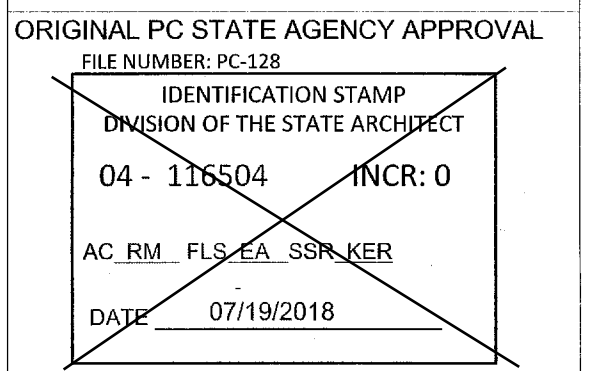


PLUMBING FIXTURE SCHEDULE						
SYMBOL	FIXTURE	COLD WATER	HOT WATER	WASTE	VENT	FIXTURE DESCRIPTION (AS CALLED OUT OR APPROVED EQUAL)
(A)	[ADULT] WATER CLOSET TANK TYPE (ACCESSIBLE)	1/2"	-	3"	2"	STD: PROFLO ADA PF9403, (1.28 GPF) ALT: AMERICAN STANDARD ADA 2758.128, 17" HIGH, VITREOUS CHINA ELONGATED RIM, TANK TYPE; 12" ROUGH-IN; OLSONITE 10CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT
(C)	[AGE 9 - 12] WATER CLOSET TANK TYPE (ACCESSIBLE)	1/2"	-	3"	2"	STD: PROFLO STANDARD PF9300, (1.28 GPF) ALT: AMERICAN STANDARD 2832.128, 16" HIGH, VITREOUS CHINA ELONGATED RIM, TANK TYPE; 12" ROUGH-IN; OLSONITE 10CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT
(A)	[AGE 3 - 8] WATER CLOSET TANK TYPE (ACCESSIBLE & NON-ACCESSIBLE)	1/2"	-	3"	2"	STD: PROFLO PF1704BB, (1.28 GPF) ALT: AMERICAN STANDARD 2315.016 BABY DEVORO 10" HIGH, 10" ROUGH-IN, VITREOUS CHINA ELONGATED RIM, TANK TYPE; OLSONITE 10CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT
(D)	[ADULT] WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO ADA PF1723, (1.28 GPF) ALT: AMERICAN STANDARD ADA 3043.001 "MADERA" 16 3/4" HIGH, VITREOUS CHINA ELONGATED RIM, SIPHON JET, 10" ROUGH-IN; OLSONITE 10CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSHMETER VALVE
(E)	[AGE 9 - 12] WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO STANDARD PF1721, (1.28 GPF) ALT: AMERICAN STANDARD 2234.001 "MADERA" 15" HIGH, VITREOUS CHINA ELONGATED RIM, SIPHON JET, 12" ROUGH-IN; OLSONITE 10CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSHMETER VALVE
(F)	[AGE 3 - 8] WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE & NON-ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO PF1700BB (1.28 GPF) ALT: AMERICAN STANDARD BABY DEVORO 2282.010 VITREOUS CHINA ELONGATED RIM, 10" ROUGH-IN LOW CONSUMPTION CLOSET BOWL; OLSONITE 126CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSH VALVE
(G)	LAV (ACCESSIBLE)	1/2"	-	2"	1 1/2"	STD: AMERICAN STANDARD 0355.012 LUCERNE ALT: CRANE 1412-20 "HARWICH" 20x18" VITREOUS CHINA JAY R SMITH #722 CONCEALED HANGER, VALLEY #NLS05PS SINGLE HANDLE FAUCET (AMERICAN STANDARD 9141.011 TO BE USED FOR AGES 5-8) (0.5 GPM)
(H)	FLOOR DRAIN	-	-	2"	1 1/2"	JAY R SMITH #2005YA-02-P050-NB, FLOOR DRAIN TAPPED FOR PRIMER; 5" NICKEL BRONZE STRAINER w/ 1/2" MAX. STRAINER OPENINGS IN ALL DIRECTIONS
(I)	TRAP PRIMER	1/2"	-	-	-	PR-500 WITH 8"x12" LOCKABLE BOX, 1/2" BALL SHUT-OFF VALVE, AND PPP DU-U FRESH WATER DISTRIBUTION SYSTEM
(J)	GRAB BAR	-	-	-	-	BOBRICK B-6906-1-1/2 OC STAINLESS STEEL GRAB BAR - STAIN FINISH; 36" LONG ON BACK AND 42" ON SIDE
(K)	WATER HEATER	3/4"	3/4"	-	-	<input type="checkbox"/> A.O. SMITH #DEL-6 (6 GALLON) <input type="checkbox"/> A.O. SMITH #DEL-10 (10 GALLON)
(L)	*INSTANT WATER HEATER	1/2"	1/2"	-	-	EEMAX #SP3012, 120V, 3.0KW, 25A

GENERAL NOTE:
UTILITIES THAT SPAN BETWEEN UNITS OR ACROSS SEISMIC SEPARATION JOINTS MUST BE DESIGNED WITH A FLEXIBLE CONNECTION THAT CAN ACCOMMODATE DIFFERENTIAL MOVEMENTS

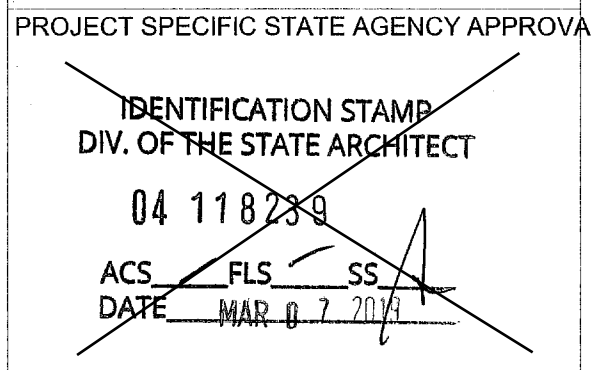


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PROJECT TITLE
24' x 40' EXPANDABLE TO 120' x 40'

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A separate project application for construction is required.



Revision Schedule		
#	Description	Date

SHEET TITLE
TYPICAL PLUMBING DETAILS

PROJECT NUMBER
17016A

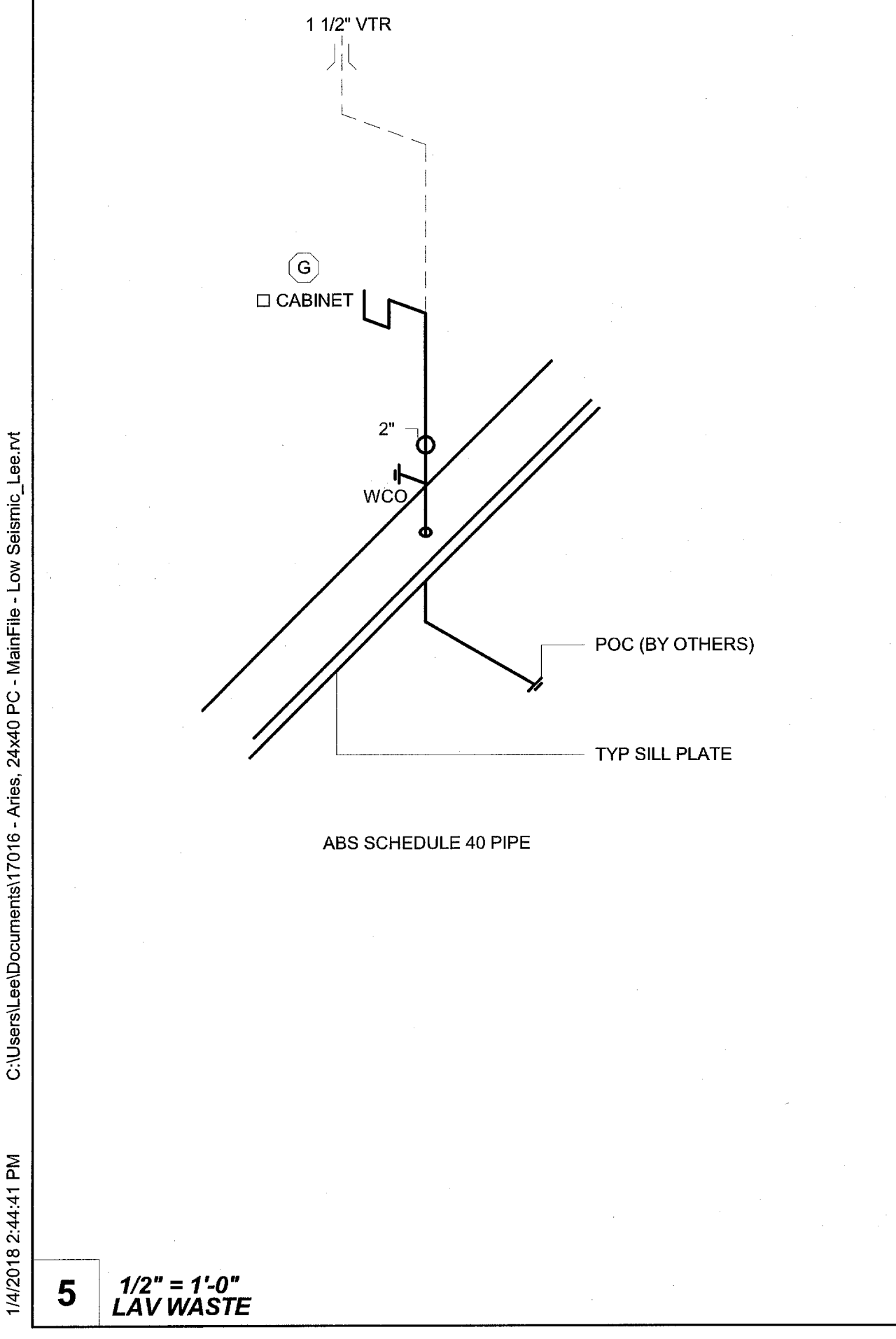
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CHECKED BY
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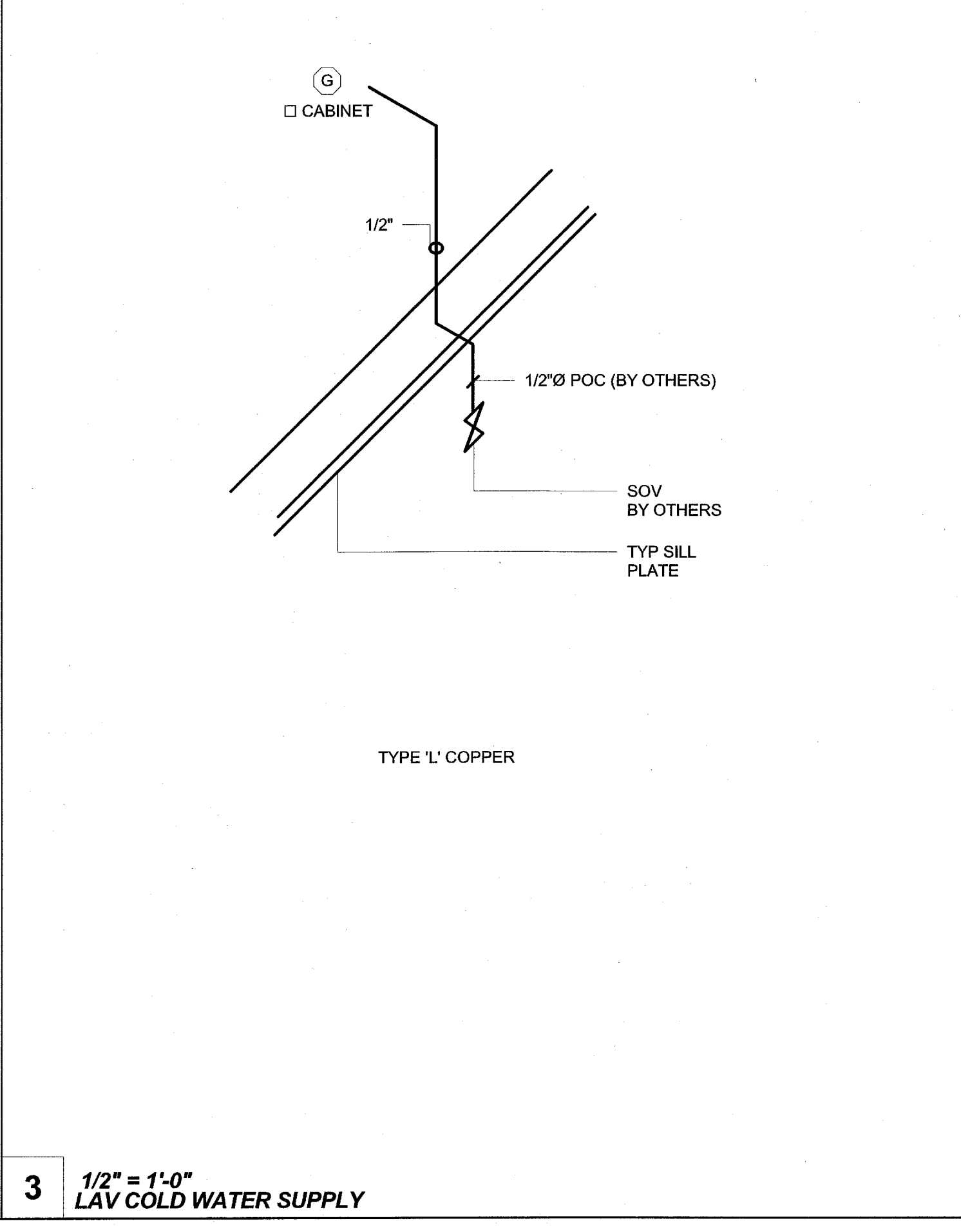
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2017/06/05

SHEET NO.
P1.0

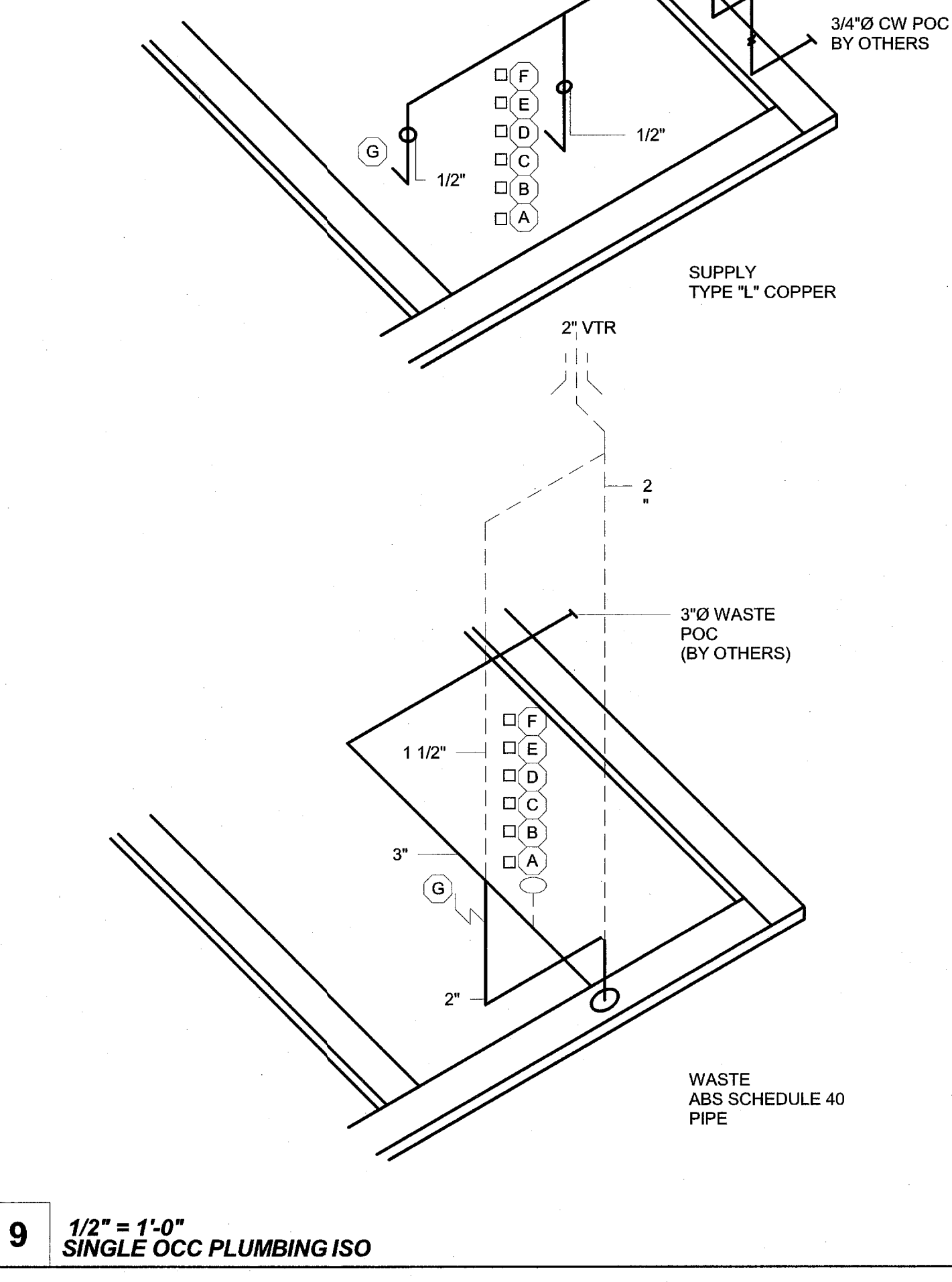
SHEET OF SHEETS



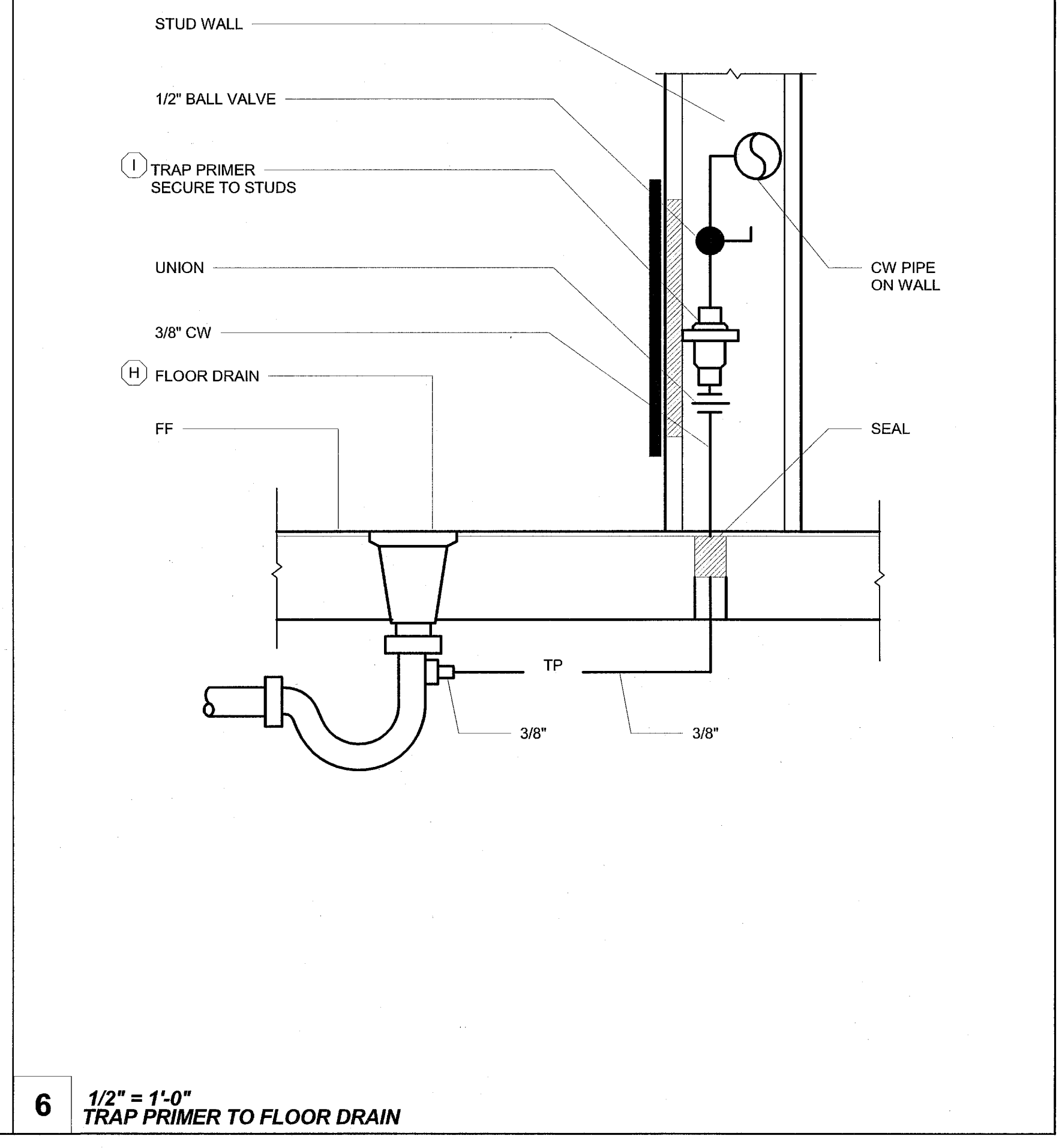
5 1/2" = 1'-0" LAV WASTE



3 1/2" = 1'-0" LAV COLD WATER SUPPLY



9 1/2" = 1'-0" SINGLE OCC PLUMBING ISO



6 1/2" = 1'-0" TRAP PRIMER TO FLOOR DRAIN

C:\Users\Lee\Documents\17016 - Arisa, 24x40 PC - MainFile - Low Seismic_Lee.rvt 1/4/2018 2:44:41 PM

STRUCTURAL STEEL:

- A. ALL WORK, UNLESS MODIFIED BY THE CONTRACT DOCUMENTS, SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT AISC SPECIFICATIONS AND STANDARDS.
STEEL SHAPES SHALL CONFORM TO THE FOLLOWING STANDARD:
a. STRUCTURAL HSS COLUMNS: ASTM A500 GRADE B
b. STRUCTURAL W-SHAPES: ASTM A992 GRADE 50
c. TUBE STEEL: ASTM A500 GRADE B
d. ALL OTHER: ASTM A36
C. FABRICATION, ERECTION, AND SHOP PAINTING SHALL BE IN ACCORDANCE WITH THE PROVISIONS OF THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDING AND BRIDGES.
D. HOLES IN STRUCTURAL STEEL SHALL NOT BE PERMITTED, UNLESS SPECIFIED IN THE STRUCTURAL DRAWINGS

CONCRETE

- A. ALL CONCRETE WORK, UNLESS MODIFIED BY CONTRACT DOCUMENTS, SHALL BE PERFORMED IN ACCORDANCE WITH CHAPTER 19A, CBC 2013 AND ACI 318-11.
B. TESTS AND INSPECTION SHALL BE PERFORMED BY A TESTING LABORATORY CONTRACTED BY THE DISTRICT.
C. MIX DESIGN SHALL BE SUBMITTED FOR QUALIFICATION AND PROVIDE A 28-DAY COMPRESSIVE STRENGTH F'c OF 3500 PSI, COMPOSED OF NORMAL WEIGHT TYPE I PORTLAND CEMENT IN CONFORMANCE WITH ASTM C150.
D. FORMWORK SHALL RESULT IN FINAL STRUCTURE THAT CONFORMS TO SHAPES, LINES, AND DIMENSIONS AS REQUIRED BY THE CONTRACT DOCUMENTS.
E. LOCATIONS OF VENTS AND OPENINGS FOR MECHANICAL AND ELECTRICAL USE SHALL BE VERIFIED BY ARCHITECT.
F. EMBEDMENT OF MATERIALS NOT HARMFUL TO CONCRETE AND WITHIN LIMITATIONS OF SECTION 6.3, ACI-318-11 SHALL BE PERMITTED. REFER TO OTHER DISCIPLINES FOR LOCATION OF CONDUIT, PIPES, FITTINGS, SLEEVES, ETC.
G. CONTINUOUS BATCH PLANT INSPECTION WAIVED PER CBC 1705A3.3. WHEN CONTINUOUS BATCH PLANT INSPECTION IS WAIVED, THE FOLLOWING PERIODIC INSPECTION SHALL BE REQUIRED:
1. QUALIFIED TECHNICIAN OF THE TESTING LABORATORY SHALL CHECK THE FIRST BATCH AT THE START OF THE DAY.
2. LICENSED WEIGHMASTER TO POSITIVELY IDENTIFY MATERIALS AS TO QUANTIFY AND CERTIFY TO EACH BY A BATCH TICKET.
3. BATCH TICKETS, INCLUDING MATERIAL QUANTITIES AND WEIGHTS SHALL ACCOMPANY THE LOAD, SHALL BE TRANSMITTED TO THE INSPECTOR OF RECORD BY A TRUCK DRIVER WITH THE LOAD IDENTIFIED THEREON. THE LOAD SHALL NOT BE PLACED WITHOUT A BATCH TICKET IDENTIFYING THE MIX, THE INSPECTOR WILL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING EACH TRUCK, ITS LOAD, AND TIME OF RECEIPT, AND APPROXIMATE LOCATION OF DEPOSIT IN THE STRUCTURE AND WILL TRANSMIT A COPY OF THE DAILY RECORD TO THE ENFORCEMENT AGENCY.
H. ANCHOR BOLTS, AND REINFORCING STEEL SHALL BE SECURELY TIED BEFORE CONCRETE IS POURED.

STEEL REINFORCEMENT

- A. DEFORMED BARS SHALL CONFORM TO ASTM A615.
B. (fy=40,000 PSI, FOR ALL BARS EXCEPT FOR #3 BARS, fy=60,000 PSI.
C. PROVIDE A MINIMUM CONCRETE COVER FOR REINFORCEMENT EMBEDDED IN:
a. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH = 3"
b. CONCRETE EXPOSED TO EARTH OR WEATHER FOR #5 BARS OR SMALLER = 1.5"
D. SPLICE LENGTHS SHALL BE A MINIMUM OF 48" FOR #5 BARS, AND 30" FOR #4 BARS UNLESS OTHERWISE SPECIFIED IN DRAWINGS.

BOLTS

- A. ALL BOLTS AND ANCHOR BOLTS SHALL CONFORM TO ASTM A-307
B. BOLTS EXPOSED TO THE ELEMENTS SHALL BE GALVANIZED BY THE HOT-DIP OR MECHANICAL PROCESS

WELDING

- A. ALL WELDING SHALL BE IN CONFORMANCE TO:
a. AWS D1.1, EXCEPT AS MODIFIED IN SECTION J2, AISC-360 FOR STEEL
b. AWS D1.3 FOR LIGHT GAUGE STEEL
c. AWS D1.4 FOR REINFORCING STEEL
B. ELECTRODE CLASSIFICATION:
a. E70XX FOR STEEL AND CONCRETE STEEL REINFORCEMENT
b. E60XX FOR LIGHT GAUGE STEEL
C. WELDS SHALL BE CAPABLE OF PRODUCING THE FOLLOWING V-NOTCH TOUGHNESS AS DETERMINED BY APPROPRIATE AWS A5 CLASSIFICATION TEST METHOD OR MANUFACTURER CERTIFICATION:
a. LATERAL FORCE RESISTING SYSTEM (LFRS) = 20 FT-LB AT 0 DEGREE F
b. COMPLETE JOINT PENETRATION GROOVE WELD = 20 FT-LB AT 40 DEGREE F
D. SHOP AND FIELD WELDING SHALL BE PERFORMED BY AWS CERTIFIED WELDERS.
E. INSPECTION:
a. PERIODIC INSPECTION OF FILLET WELDS LESS THAN OR EQUAL TO 5/16", FLOOR AND ROOF DECK WELDS.
b. CONTINUOUS INSPECTION FOR OTHER WELDS.
F. NONDESTRUCTIVE TESTING (NDT):
a. ULTRASONIC TESTING SHALL BE PERFORMED ON 100 PERCENT OF CJP GROOVE WELDS IN MATERIALS 5/16" OR THICK OR GREATER. ULTRASONIC TESTING NOT REQUIRED FOR MATERIALS LESS THAN 5/16" THICK. TESTING FREQUENCY MAY BE REDUCED TO 25%, PROVIDED PROVISIONS SET FORTH IN SECTION N5.5e, AISC-360 IS MET.
b. MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON 25 PERCENT OF ALL BEAM-TO-COLUMN CJP GROOVE WELDS. TESTING FREQUENCY MAY BE REDUCED TO 10%, PROVIDED PROVISIONS IN J6.2g, AISC-341 IS MET.

FOUNDATIONS

GEOTECHNICAL INVESTIGATION SHALL BE CONDUCTED IN ACCORDANCE WITH SECTION 1803A.1 THROUGH 1803A.8 BY A GEOTECHNICAL ENGINEER CONTRACTED BY THE DISTRICT. ALLOWABLE FOUNDATION AND LATERAL SOIL PRESSURE VALUES MAY BE DETERMINED FROM TABLE 1806A.2, WHERE GEOTECHNICAL REPORTS IS NOT REQUIRED PER SECTION 1803A.2. A MAXIMUM ALLOWABLE SOIL PRESSURE OF 1000 PSF AND 1500 PSF SHALL BE PERMITTED FOR TEMPORARY WORK AND PERMANENT CONCRETE FOUNDATIONS RESPECTIVELY IN ACCORDANCE WITH SECTION 4.6, IR 16-1.13
A PREVIOUS REPORT FOR A SPECIFIC SITE MAY BE RESUBMITTED. THE ALLOWABLE FOUNDATION AND LATERAL SOIL PRESSURE VALUES ARE ALLOWED A 33% INCREASE FOR SHORT TERM WIND AND SEISMIC LOADS.
THE DISTRICT SHALL BE RESPONSIBLE FOR EXCAVATION, BACKFILL, SETTING ELEVATIONS, CRANING AND RIGGING. PROVIDE SHIMS TO LEVEL BUILDING WITHIN 1/2" TOLERANCE.

COLD-FORMED STEEL:

- A. ALL WORK SHALL, UNLESS MODIFIED BY THE CONTRACT DOCUMENTS, SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT AISI SPECIFICATIONS AND STANDARDS.
B. MATERIAL SPECIFICATION:
a. ASTM A-1011/A, GRADE 33 FOR MATERIALS THICKNESS 0.120 OR LESS UNLESS OTHERWISE NOTED
b. ASTM A-1003, GRADE 33 TYPE H FOR LIGHT GAUGE STUDS AND TRACKS
c. SHAPES SHALL BE DIMENSIONED TO SSMA SPECIFICATIONS.
C. SCREWS EXPOSED TO THE ELEMENTS SHALL BE GALVANIZED

STEEL DECK

MINIMUM THICKNESS PERMITTED FOR FLOOR STEEL DECK IS 20GA. PER DSA IR 16-1.13, 1.2.1, MINIMUM THICKNESS OF NON-STRUCTURAL STEEL ROOF DECKING IS 26GA. STANDING SEAM ROOF PANELS ARE GRADE 40 SHEET STEEL WITH AN ALUMINUM ZINC COATING CONFORMING TO ASTM A792 AND AZ55.

CHANGES

CHANGES AFFECTING STRUCTURAL PORTION OF THE APPROVED PC SHALL NEED DSA APPROVAL AND BE CLASSIFIED AS CCD CATEGORY A.

WOOD

ALL FRAMING LUMBER SHALL BE GRADE MARKED BY AN APPROVED GRADING AGENCY

SHEATHING:

EACH SHEET SHALL BE GRADE MARKED BY THE AMERICAN PLYWOOD ASSOCIATION IN ACCORDANCE WITH THE PROCEDURES AND QUALIFICATIONS SET FORTH BY PS 1-07.

- 1. SUB FLOOR: 1 1/8" T&G UNBLOCKED PLYWOOD, SHALL PROVIDE A SMOOTH AND UNIFORM SURFACE CAPABLE OF ACCEPTING CARPET FINISH
2. PLYWOOD ROOF DECK OPTION: APA RATED 3/4" T&G OSB OR EQUIVALENT RATED SHEATHING
3. EXTERIOR WALL SIDING:
I. STANDARD: 5/8" DURATEMP OR 5/8" SMART PANEL
II. OPTION: 5/8" MOD
III. OPTION: 1/2" OSB OR CDX PLYWOOD FOR PLASTER/STUCCO FINISH
IV. OPTION: 1/2" OSB OR CDX PLYWOOD FOR HARDIE BOARD (LAP SIDING) FINISH
4. EXTERIOR WALL SIDING ATTACHMENT:
FASTENERS USED FOR THE ATTACHMENT OF EXTERIOR WALL COVERINGS SHALL BE HOT-DIPPED GALVANIZED, MECHANICALLY DEPOSITED ZINC-COATED, STAINLESS, SILICON BRONZE OR COPPER PER CBC SECTION 2304.9.1.1
FASTEN TO WOOD FRAMING WITH 8D BOX NAILS @ 6" E.N., 12" F.N.
FASTEN TO LIGHT GAGE METAL FRAMING WITH #8 WAFER HEAD STSMS @ 6" E.N., 12" F.N.
FASTEN TO STRUCTURAL STEEL WITH #12 STSMS OR 0.145 DIAM SHOT PINS @ 12" O.C.

TREATED WOOD:

- ALL WOOD LOCATED WITHIN 6" OF EXPOSED EARTH SHALL BE "PRESERVATIVE TREATED" OR SHALL BE "NATURALLY DURABLE" MATERIAL IN ACCORDANCE WITH CBC SECTION 2304.11.2.2.
1. ALL ROUGH LUMBER SHALL BE DF #2 OR BETTER.
2. ALL POWER DRIVEN FASTENERS SHALL BE HILTI FASTENERS ICC# ESR-1663, AND RAMSET POWER DRIVEN FASTENERS (ICC # ESR-1799), OR SIMPSON POWER DRIVEN FASTENERS ICC #ESR-2138, OR OTHER EQUIVALENT PRODUCTS WITH ICC REPORTS AND APPROVED BY DSA. FASTENERS, INCLUDING NUTS AND WASHERS, IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE OF HOT-DIPPED ZINC-COATED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER PER CBC 2304.9.5.1

ROOF DIAPHRAGM:

3/4" T&G RATED SHEATHING, EXPOSURE 1, 48/24 SPAN RATING
FASTEN AT METAL SUPPORTS W/ #10 x 1 1/4" SELF-TAPPING PHILLIPS FLAT-HEAD ZINC COATED TEKS @ 6" O.C. BN, 6" O.C. EN, AND 12" O.C. FN. PROVIDE A MINIMUM OF 3/8" EDGE DISTANCE FOR FASTENERS TO PLYWOOD EDGE PER CBC SECTION 2306.2.

FLOOR DIAPHRAGM:

1 1/8" PLYWOOD - STURD-I-FLOOR T&G RATED SHEATHING, EXTERIOR, 48" oc SPAN RATING
FASTEN AT METAL SUPPORTS W/ #10 x 24 x 1 3/4" SELF-TAPPING PHILLIPS FLAT-HEAD ZINC COATED TEKS @ 6" O.C. BN, 6" O.C. EN, AND 12" O.C. FN. PROVIDE A MINIMUM OF 3/8" EDGE DISTANCE FOR FASTENERS TO PLYWOOD EDGE PER CBC SECTION 2306.2

CONCRETE FLOOR DATA:
LIGHTWEIGHT CONCRETE FLOOR
STRENGTH: 3500 PSI
TYPE: I OR II
DESINITY: 110 PCF - MAX

DIMENSION LUMBER ATTACHMENT TO STEEL FRAMING:

2 x STUDS AT CORNER STEEL COLUMNS (NAILING STUD)
USE #10 - 24 x 2 1/2" LG. SELF-DRILLING SELF-TAPPING PHILLIPS FLAT-HEAD WITH WASHER ZINC COATED TEK SCREWS AT 24" OC.

NAILING NOTES:

- 1. ALL NAILS SHALL BE COMMON UNLESS OTHERWISE NOTED
2. MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO THE SECOND MEMBER, AND SHALL NOT BE LESS THAN 3" IN OVERALL LENGTH.
3. NAILS SHALL BE ACCEPTABLE FOR HAND NAILING, PROVIDED THE REQUIREMENT EMBEDMENT IS MAINTAINED.

CONNECTIONS AND FASTENERS:

ALL CONNECTIONS AND FASTENERS IN DRAWINGS CAN BE SUBSTITUTED BY AN EQUIVALENT PRODUCT PROVIDING ICC REPORTS ARE SUBMITTED TO AND APPROVED BY DSA.

CONNECTIONS LAG SCREWS:

LAG SCREWS SHALL BE INSTALLED WITH WASHER AND TURNED BY WRENCH, OVER-TORQUING SHALL BE AVOIDED. A PRE-DRILLED CLEARANCE AND LEAD HOLE SHALL BE REQUIRED AS DESCRIBED BELOW:

- a) THE CLEARANCE HOLE FOR THE UNTHREADED PORTION OR THE SHANK SHALL HAVE SAME DEPTH AND DIAMETER.
b) THE LEAD HOLE FOR THE THREADED PORTION OF THE SHANK SHALL HAVE SAME DEPTH AND 65% TO 85% OF SHANK DIAMETER FOR LUMBER WITH SPECIFIC GRAVITY OF G > 0.6
80% TO 75% OF SHANK DIAMETER FOR LUMBER WITH SPECIFIC GRAVITY OF 0.5 < G <= 0.6
40% TO 70% OF SHANK DIAMETER FOR LUMBER WITH SPECIFIC GRAVITY OF G <= 0.5

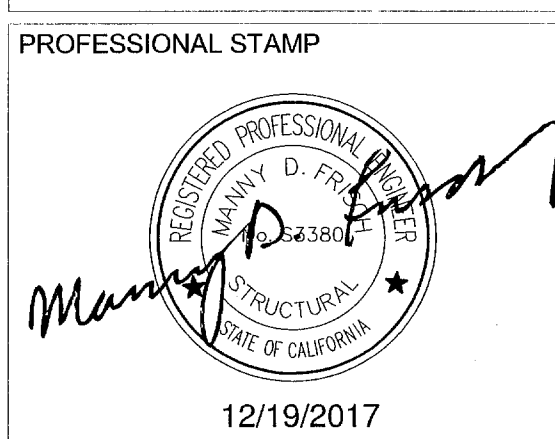
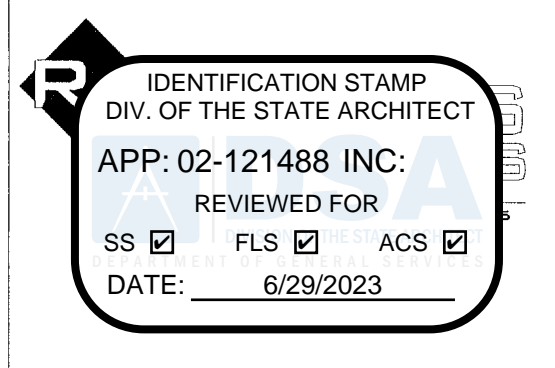
LEAD OR CLEARANCE HOLES SHALL NOT BE REQUIRED FOR 3/8" DIAMETER OR SMALLER LAG SCREWS.

BALLISTIC PINS OPTIONS

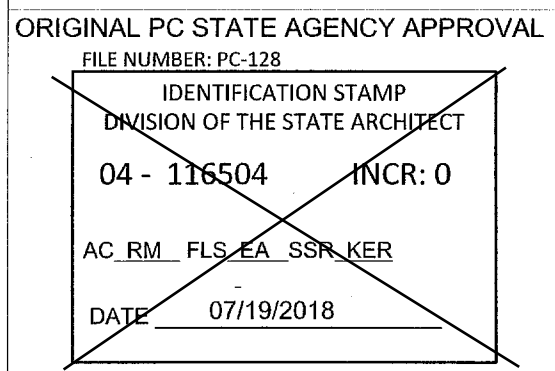
- 1. HILTI X-CR PIN WITH 0.145 SHANK DIAMTER, ICC ESR-1663
2. RAMP SET 1500 PIN WITH 0.145 SHANK DIAMETER, ICC ESR-1799
3. SIMPSON STRONG TIE PDP PIN WITH 0.145 SHANK DIAMETER, ICC ESR-2138

NAILING SCHEDULE: (ALL NAILS SHALL BE COMMON, GALVANIZED WHERE EXPOSED) PER C.B.C. TABLE 2304.9.1

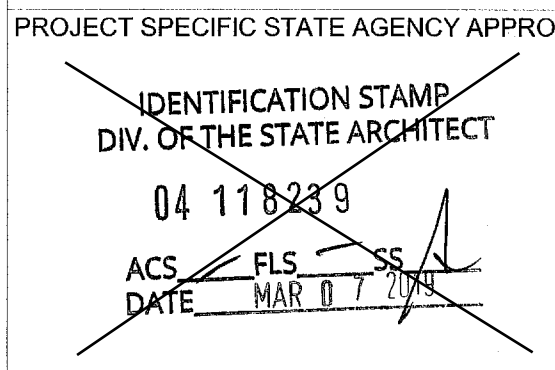
Table with 3 columns: CONNECTION, FASTENING, LOCATION. Lists various connections like JOIST TO SILL OR GIRDER, BRIDGING TO JOIST, etc., with corresponding fasteners and locations.



THE PLANS, IDEAS & DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF R&S TAVARES ASSOCIATES, INC. DEVISED SOLELY FOR THIS CONTRACT. THESE PLANS SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE FOR WHICH THEY WERE NOT INTENDED WITHOUT THE EXPRESS WRITTEN CONSENT OF R&S TAVARES ASSOCIATES, INC. ©



PROJECT TITLE: 24' x 40' EXPANDABLE TO 120' x 40'
PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A separate project application for construction is required.



Revision Schedule table with columns: #, Description, Date.

SHEET TITLE: STRUCTURAL GEN NOTES

Project information table including Project Number (17016A), Drawn By (rMc/SC), Checked By (JA/RT), Date (2017/06/05), Sheet No. (S0.1), and Sheet of Sheets (SHEET OF SHEETS).

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-121488 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 6/29/2023

PROFESSIONAL STAMP

 12/19/2017

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CLIENT

 CLASS LEASING LLC
 1221 Harley Knox Boulevard
 Perris, CA 92371

ORIGINAL PC STATE AGENCY APPROVAL
 FILE NUMBER: PC-128
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 04 - 116504 HCR: 0
 AC, RM, FLS, EQ, SSR, KER
 DATE: 07/19/2018

PROJECT TITLE
 24' x 40'
 EXPANDABLE TO
 120' x 40'
 PRE-CHECK (PC) DOCUMENT
 Code: | 2016 | CBC
 A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 118238
 ACS, FLS, SSR, KER
 DATE: MAR 07 2018

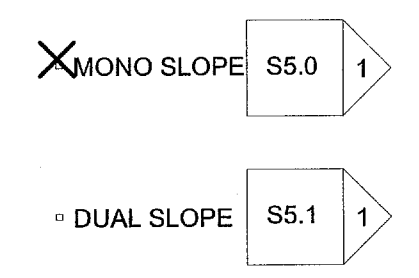
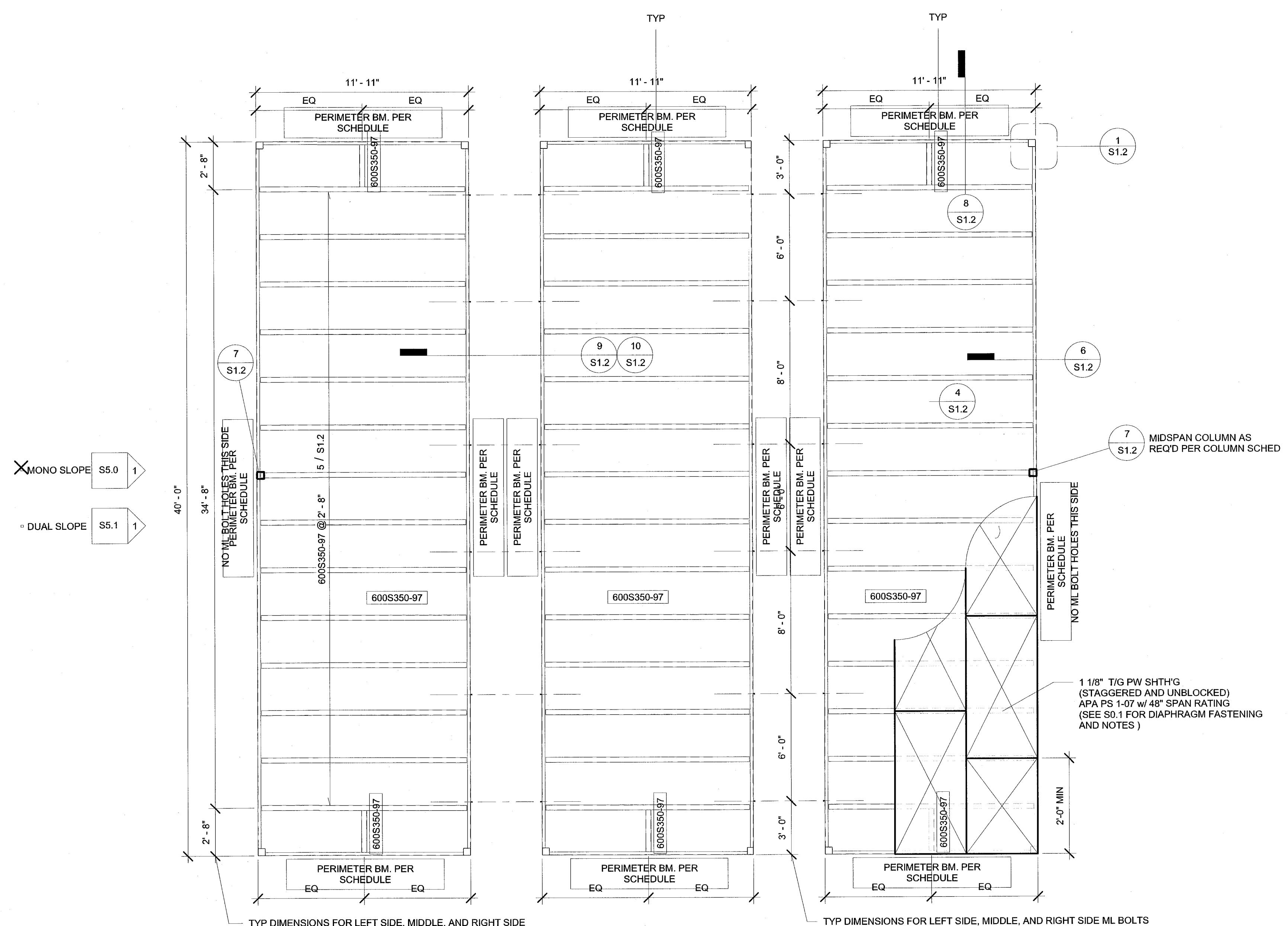
Revision Schedule

#	Description	Date

SHEET TITLE
 WD SHTH'G FLR
 FRM'G PLAN
 (50+15 PSF)

PROJECT NUMBER
 17016A
 DRAWN BY
 rMc/SC
 CHECKED BY
 JA/RT
 DATE
 2017/06/05

SHEET NO.
S1.0.1
 SHEET OF SHEETS



LEFT SIDE MOD

MIDDLE MOD

RIGHT SIDE MOD

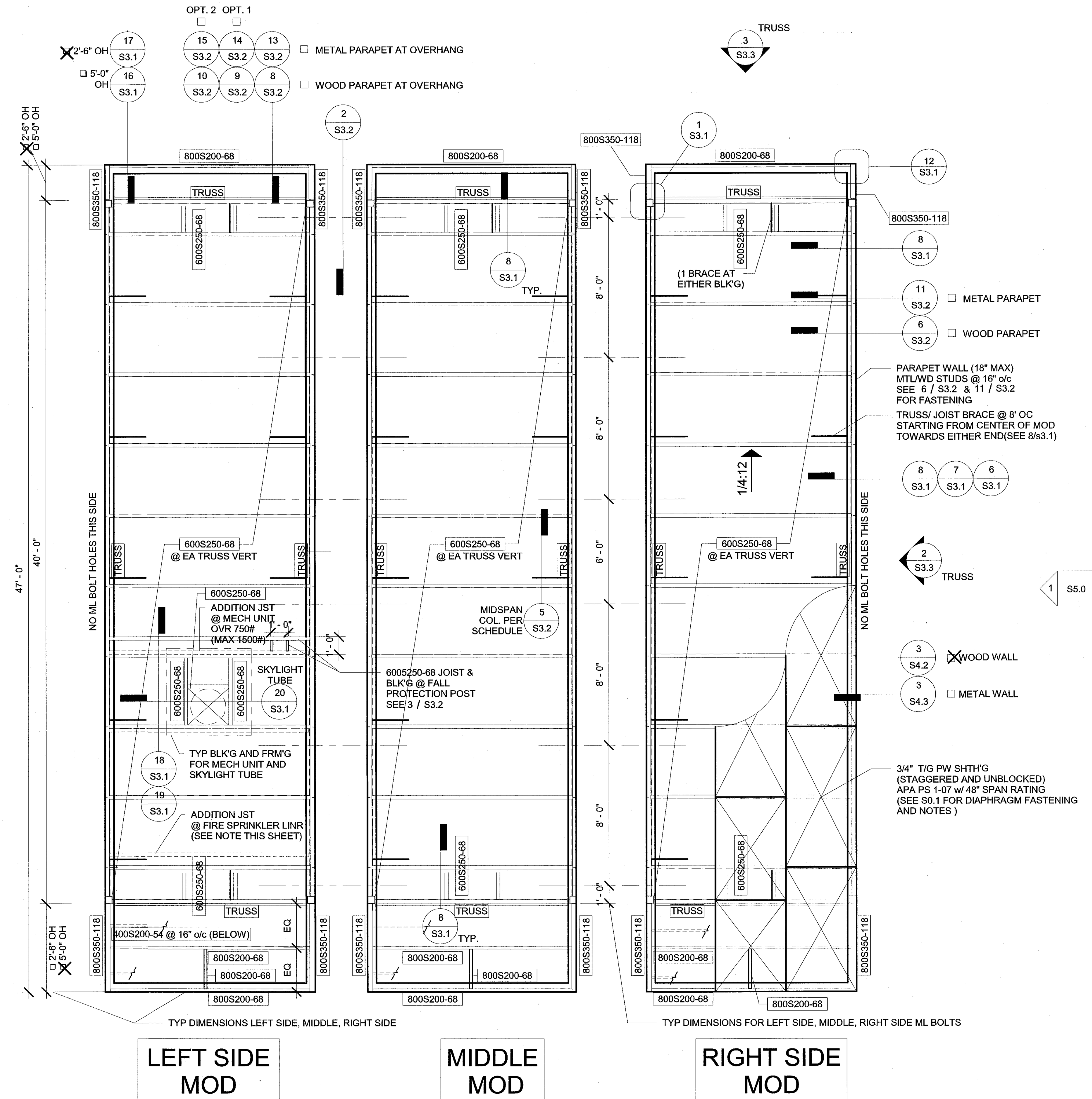
Perimeter Floor Beam Schedule			
HT	No Plaster Walls	Plaster Walls	w/ Parapet, 18" max
<input checked="" type="checkbox"/> 9'	C8x11.5	C8x11.5	C8x11.5
<input type="checkbox"/> 10'	C8x11.5	C8x11.5	C8x11.5

NOTE: SPLICE AT FLOOR BEAM PERMITTED PER 3/S1.2

Column Schedule			
HT	No Plaster Walls	Plaster Walls	w/ Parapet, 18" max
<input checked="" type="checkbox"/> 9'	5x5X1/4	5x5X1/4	5x5X1/4
<input type="checkbox"/> 10'	5x5X1/4	5x5X5/16*	5x5X5/16* 3x3X3/16 mid-span column

*Alternative 6x6x1/4

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NOTES:
FIRE SPRINKLER
 ADDITIONAL ROOF JOIST FOR FIRE SPRINKLER LINE AS REQ'D
 LOCATION OF FIRE SPRINKLER AND ADDITIONAL JOIST TO BE DETERMINED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-121488 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 6/29/2023

PROFESSIONAL STAMP

 12/19/2017

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CLIENT

 CLASS LEASING LLC
 1221 Harley Knox Boulevard
 Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
 FILE NUMBER: PC-128
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 04 - 116504 INCR: 0
 AC_RM_FLS_EA_SSR_KER
 DATE: 07/19/2018

PROJECT TITLE
 24' x 40'
 EXPANDABLE TO
 120' x 40'
 PRE-CHECK (PC) DOCUMENT
 Code: 2016 CBC
 A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 118239
 ACS_FLS_S3
 DATE: MAR 07 2017

Revision Schedule

#	Description	Date

SHEET TITLE
 MONO SLOPE
 ROOF FRM'G PLAN

PROJECT NUMBER
 17016A

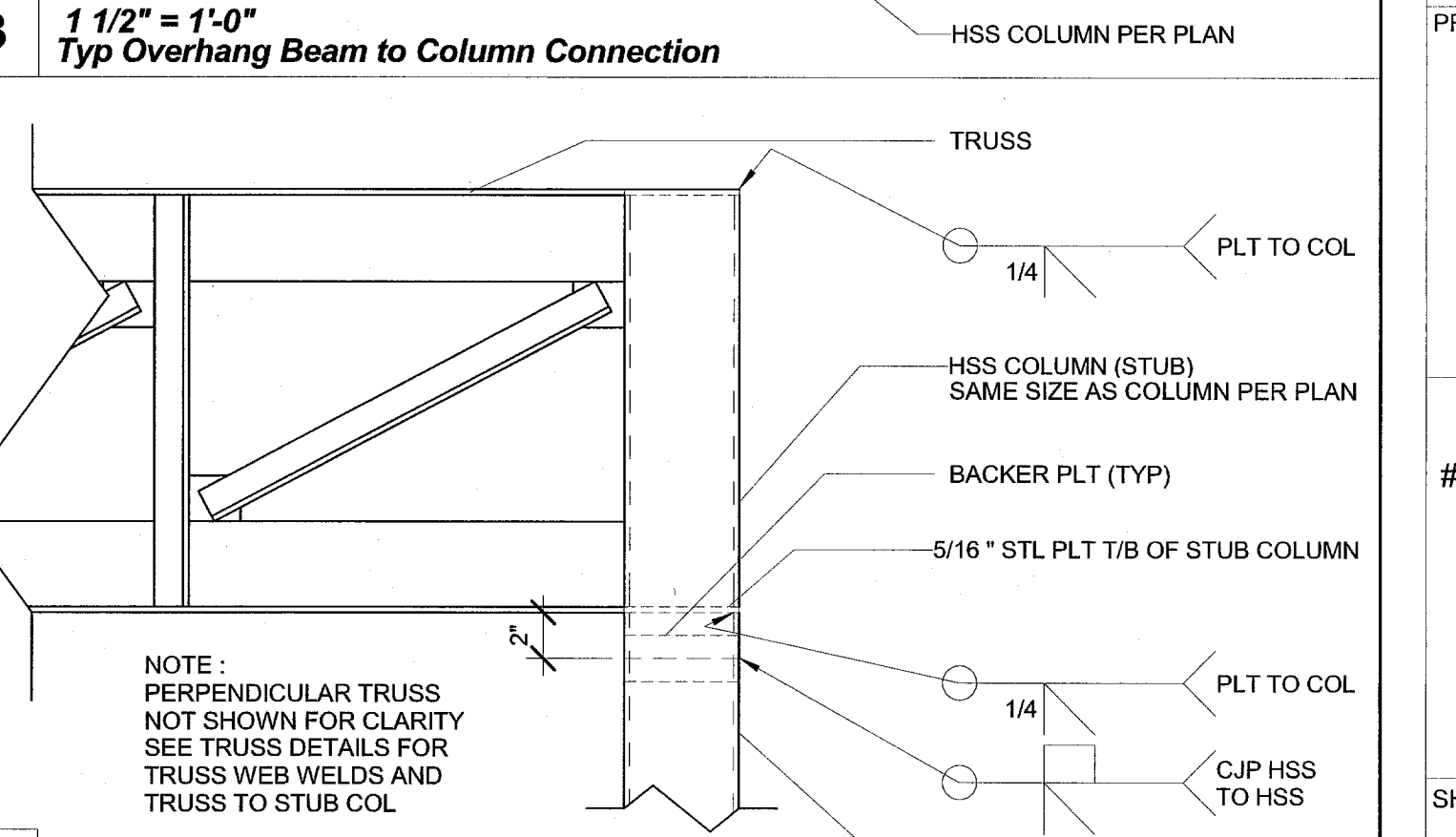
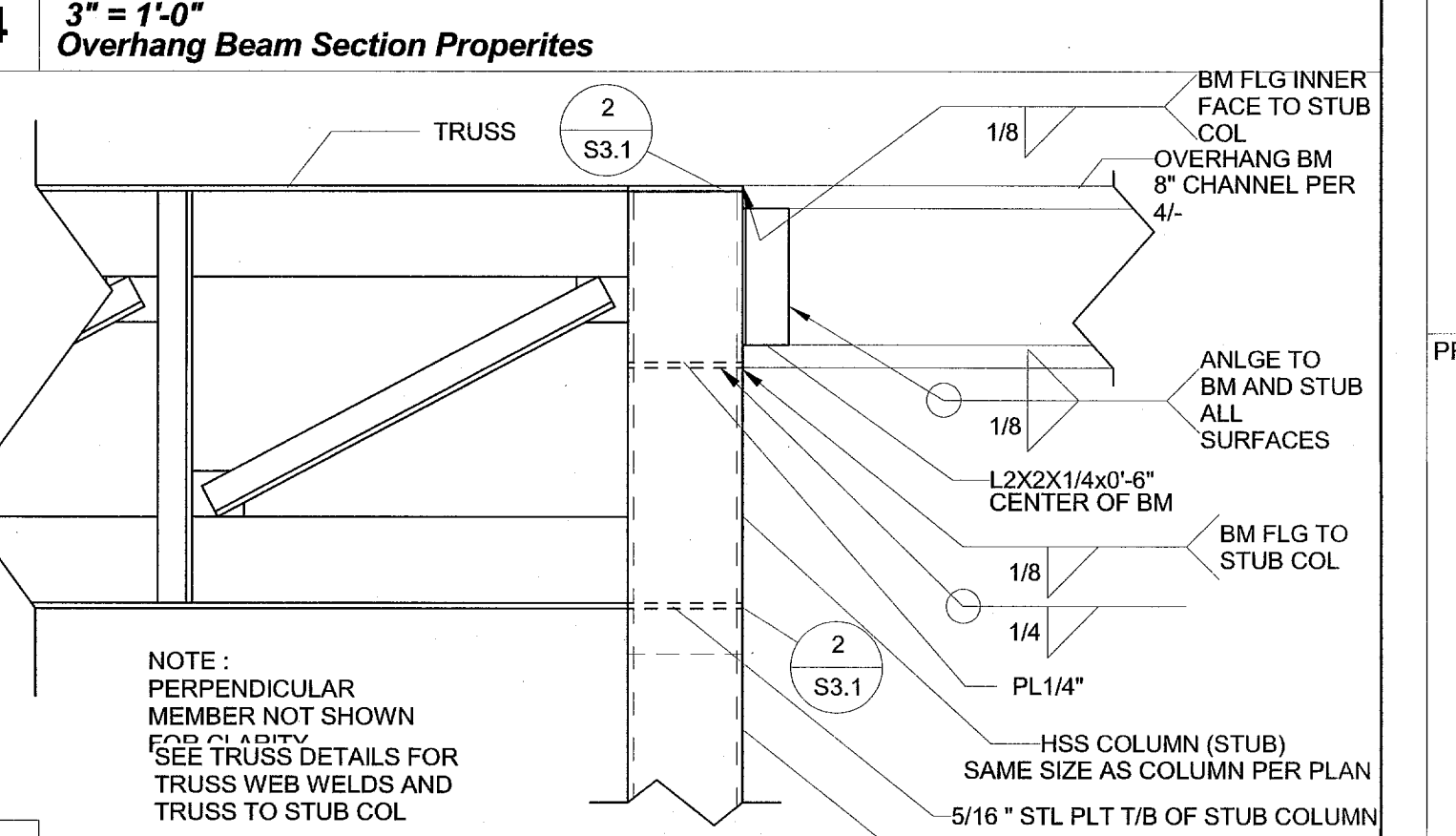
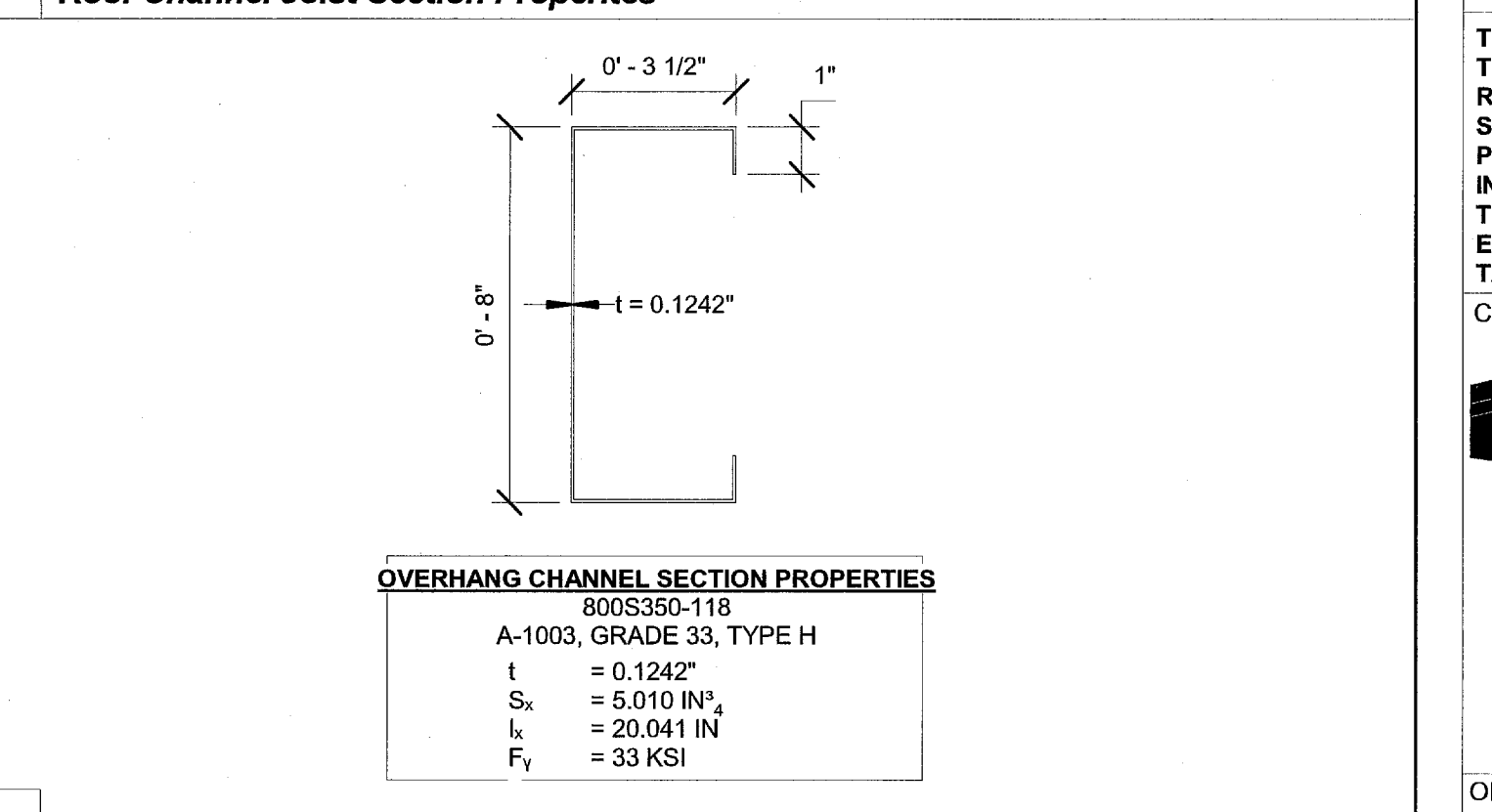
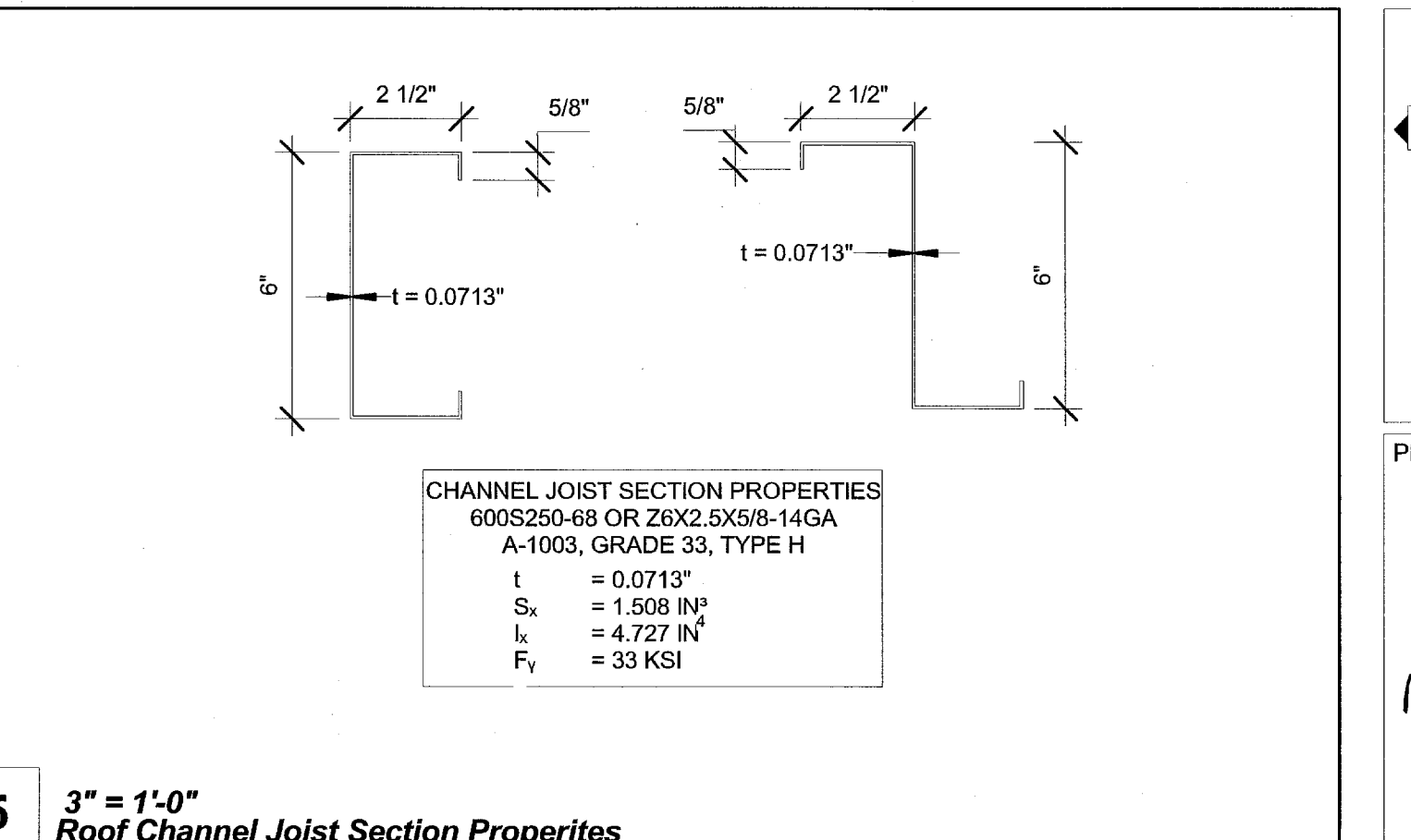
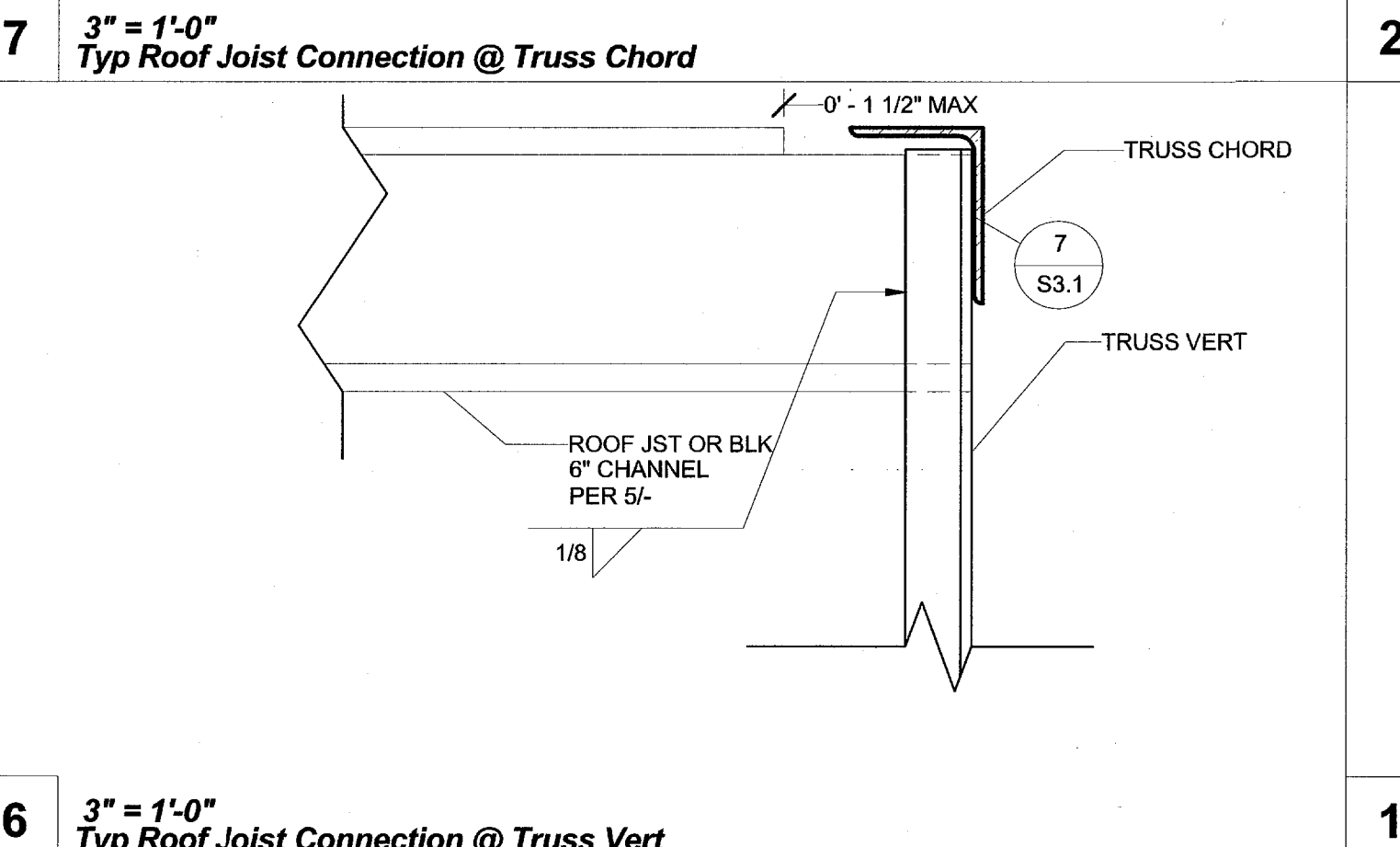
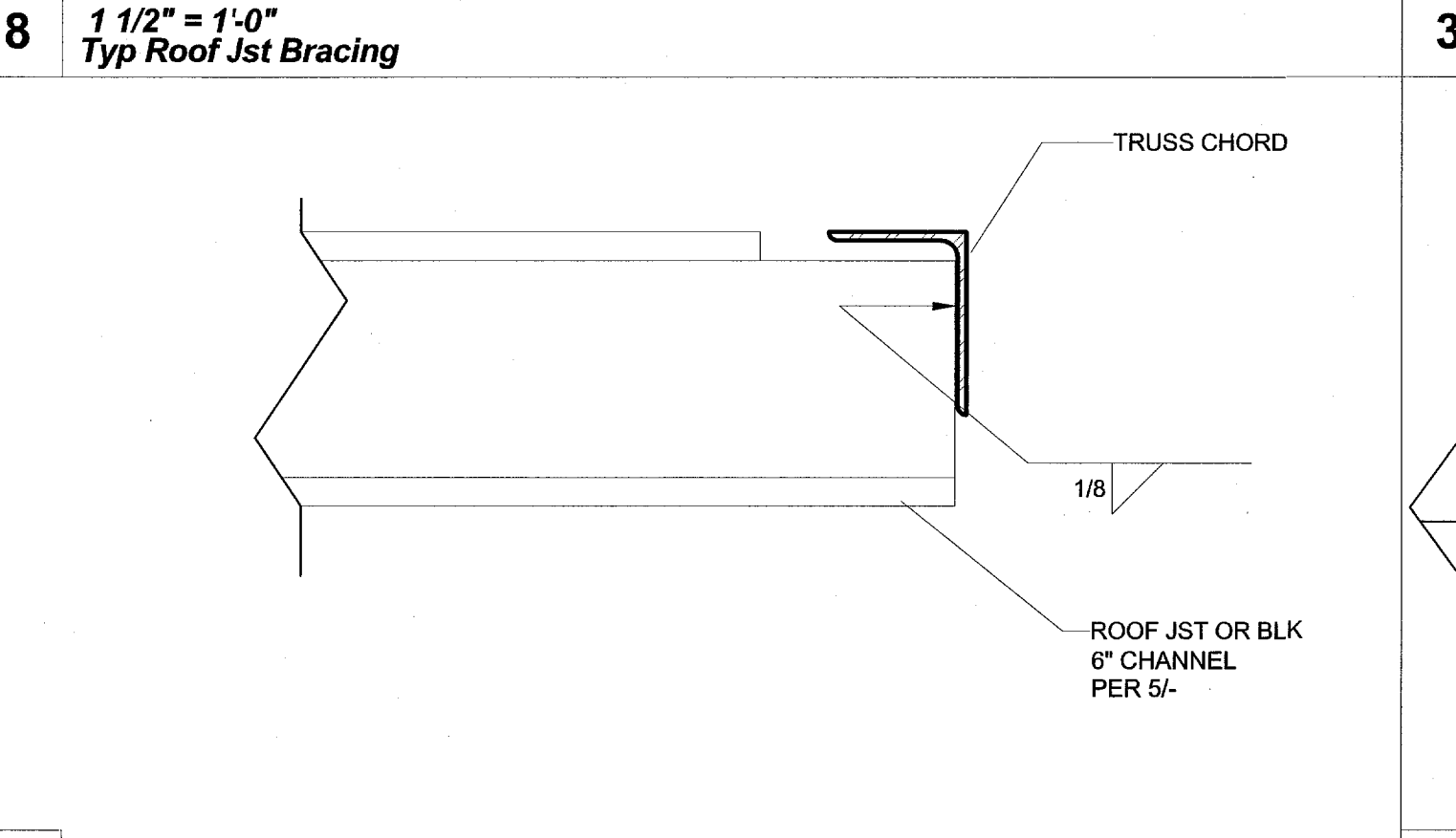
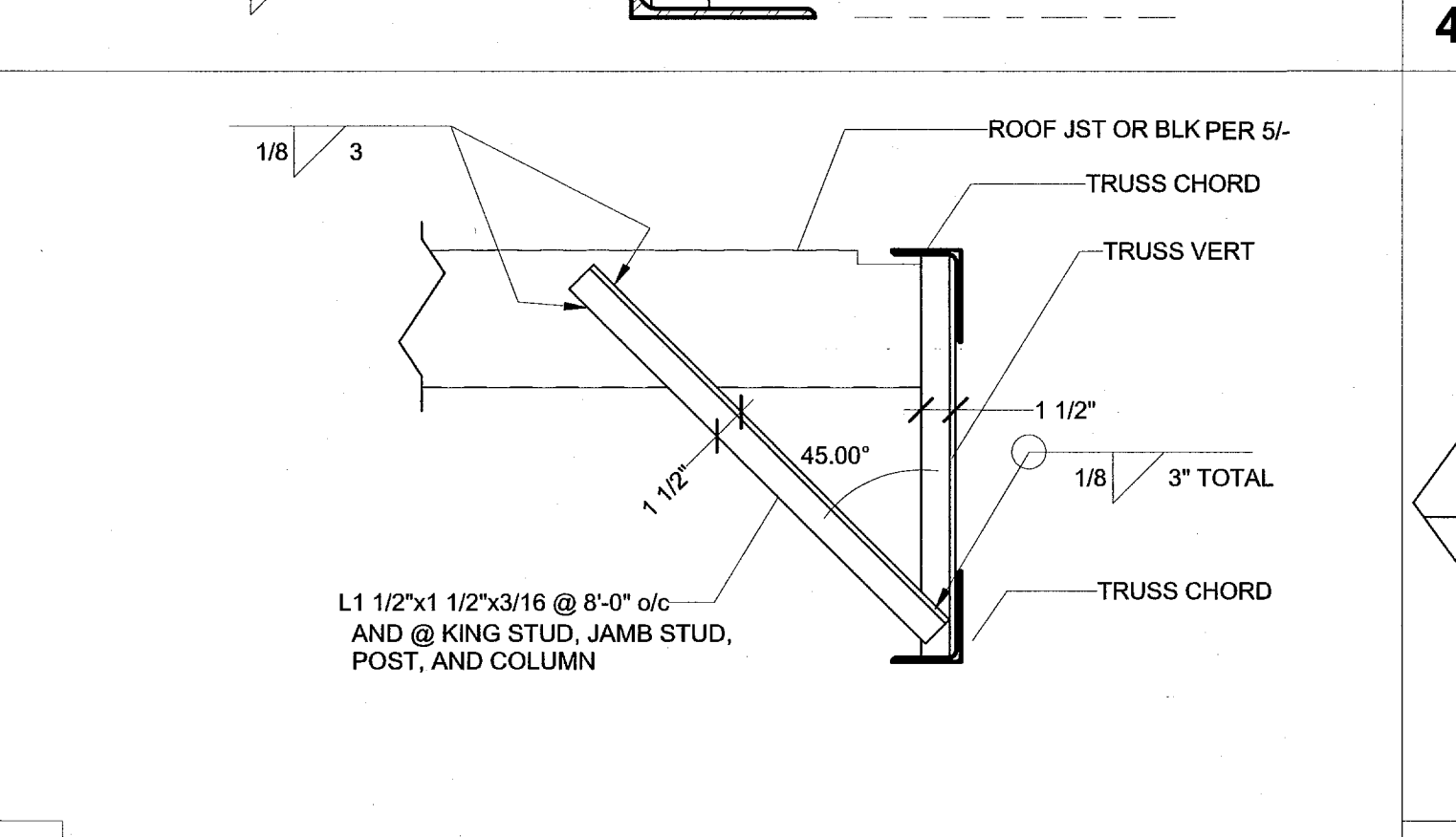
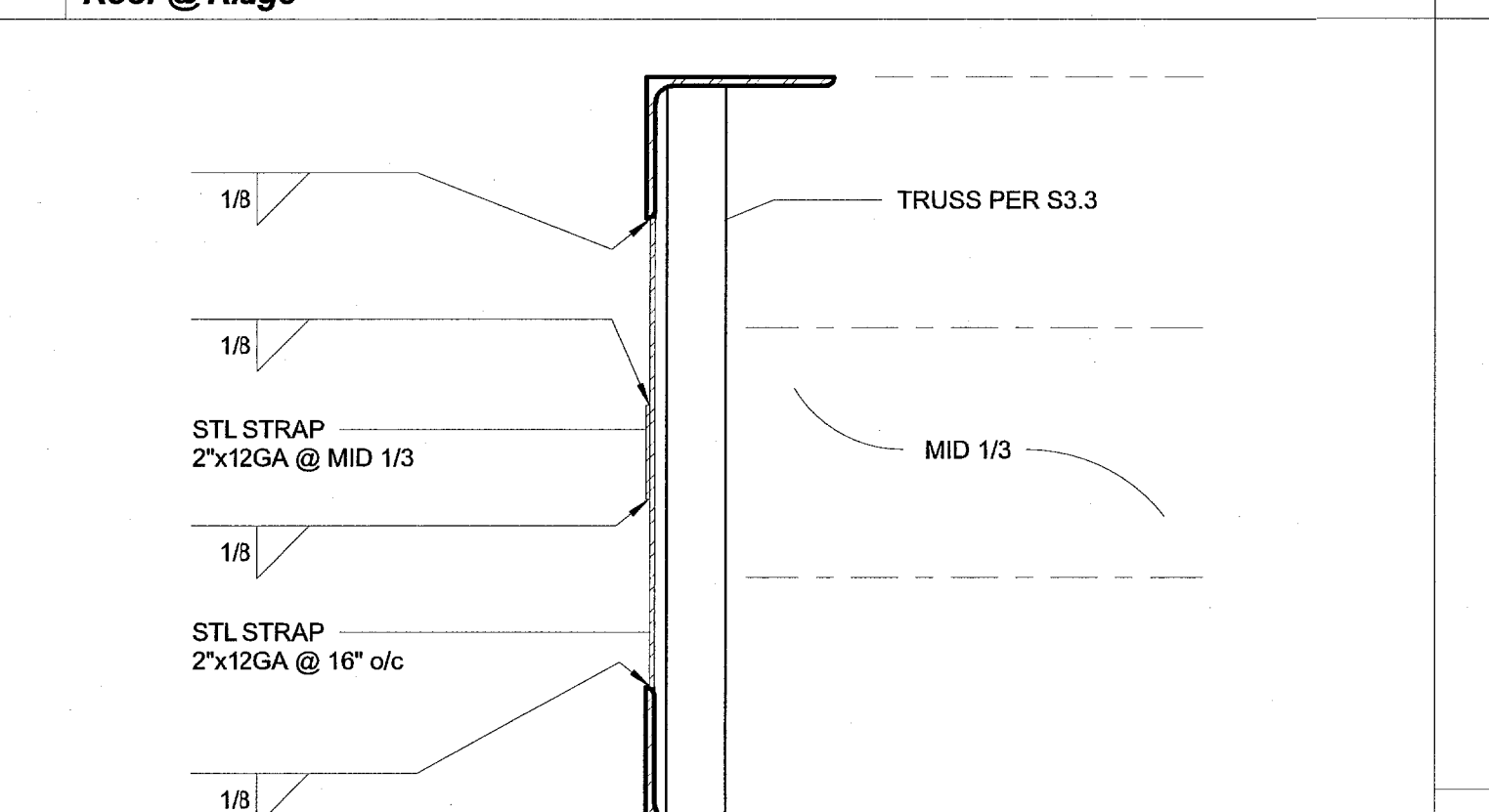
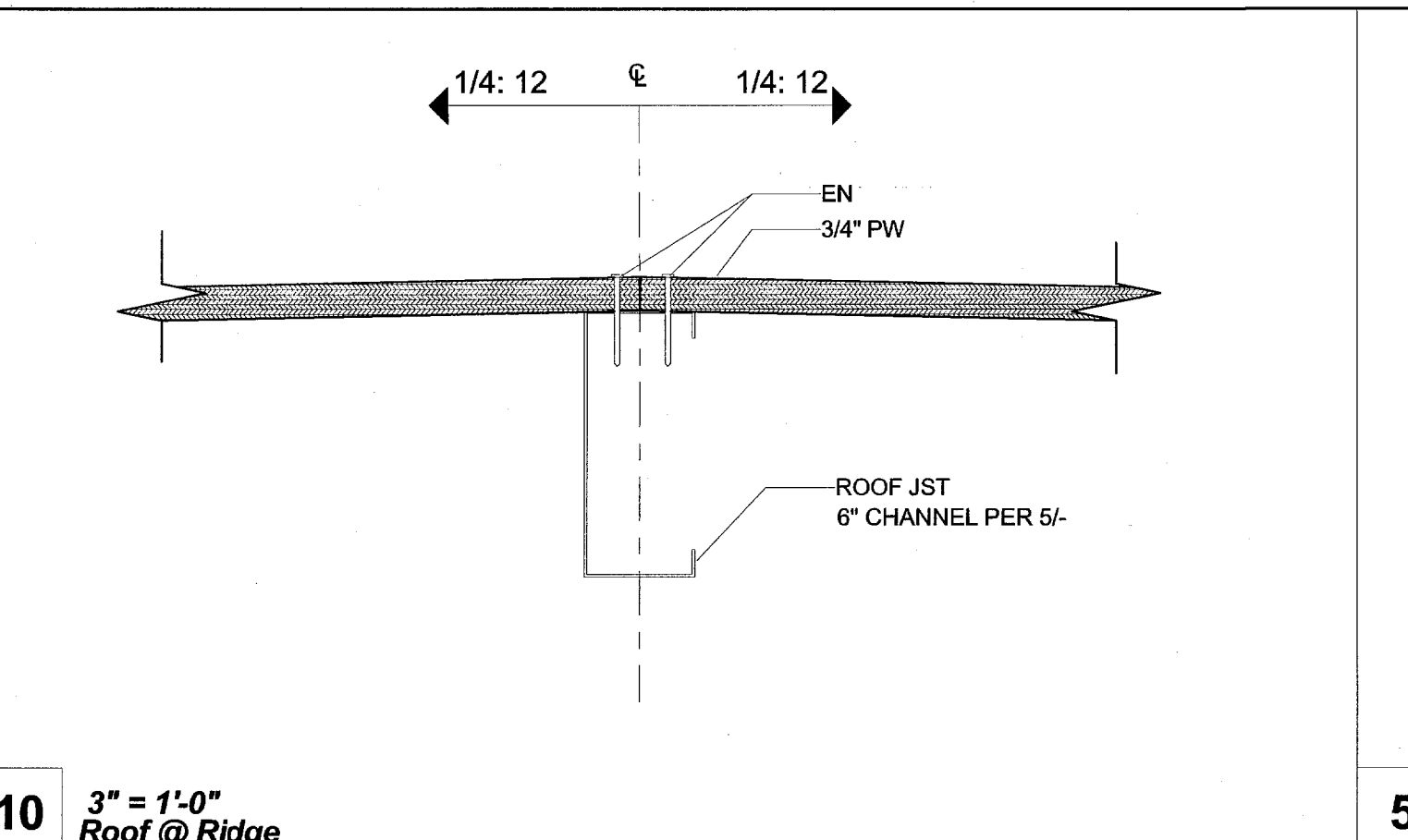
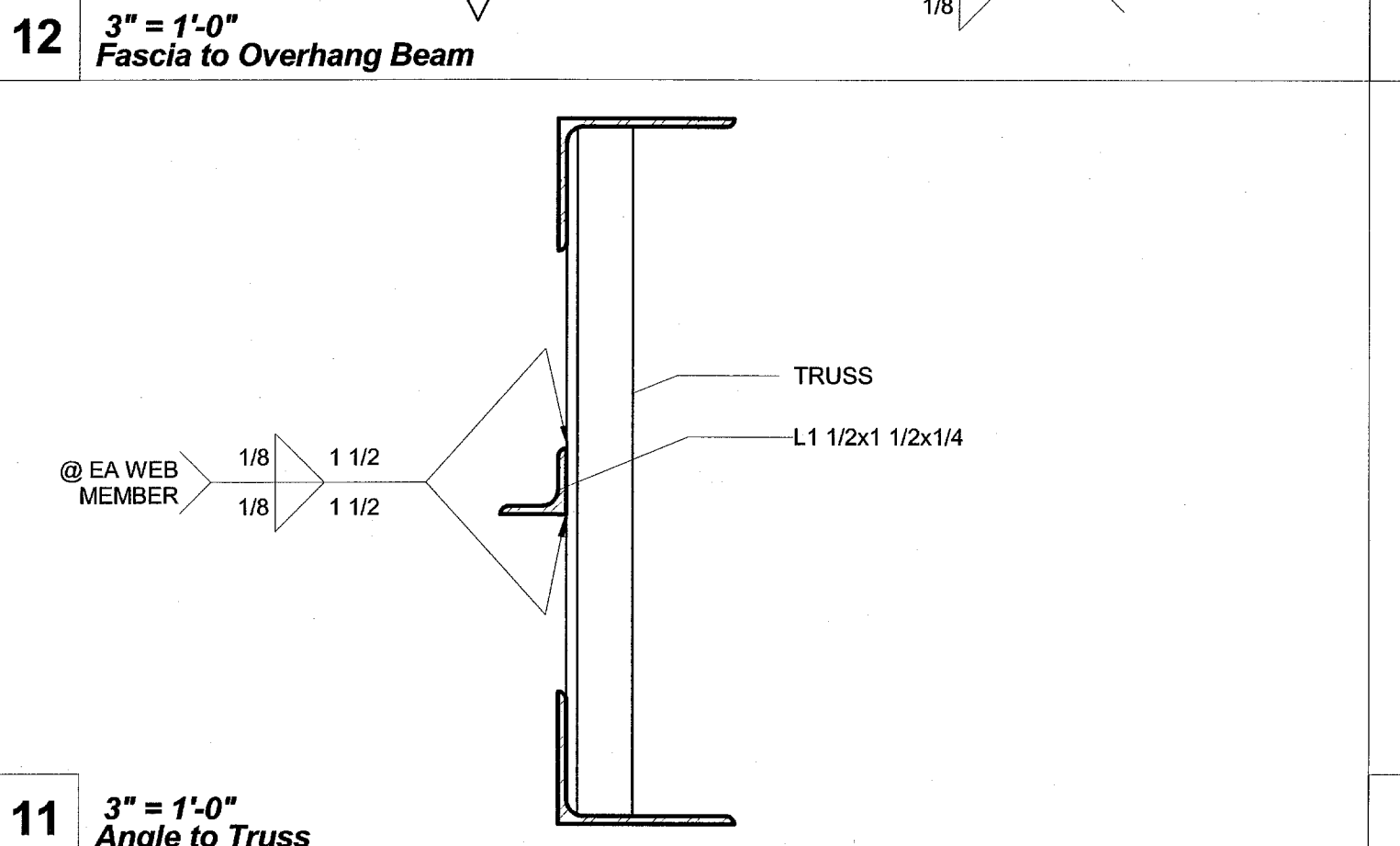
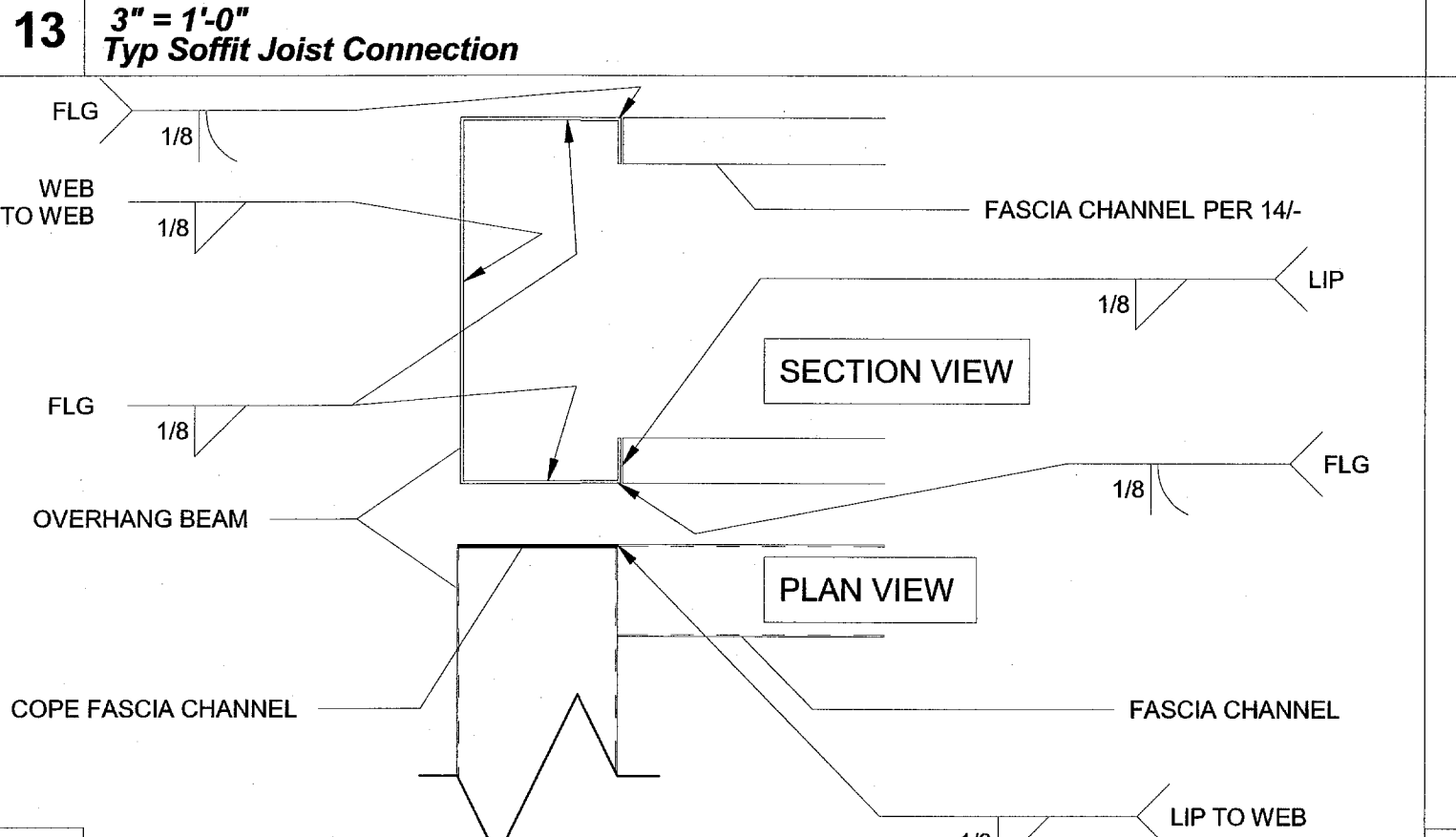
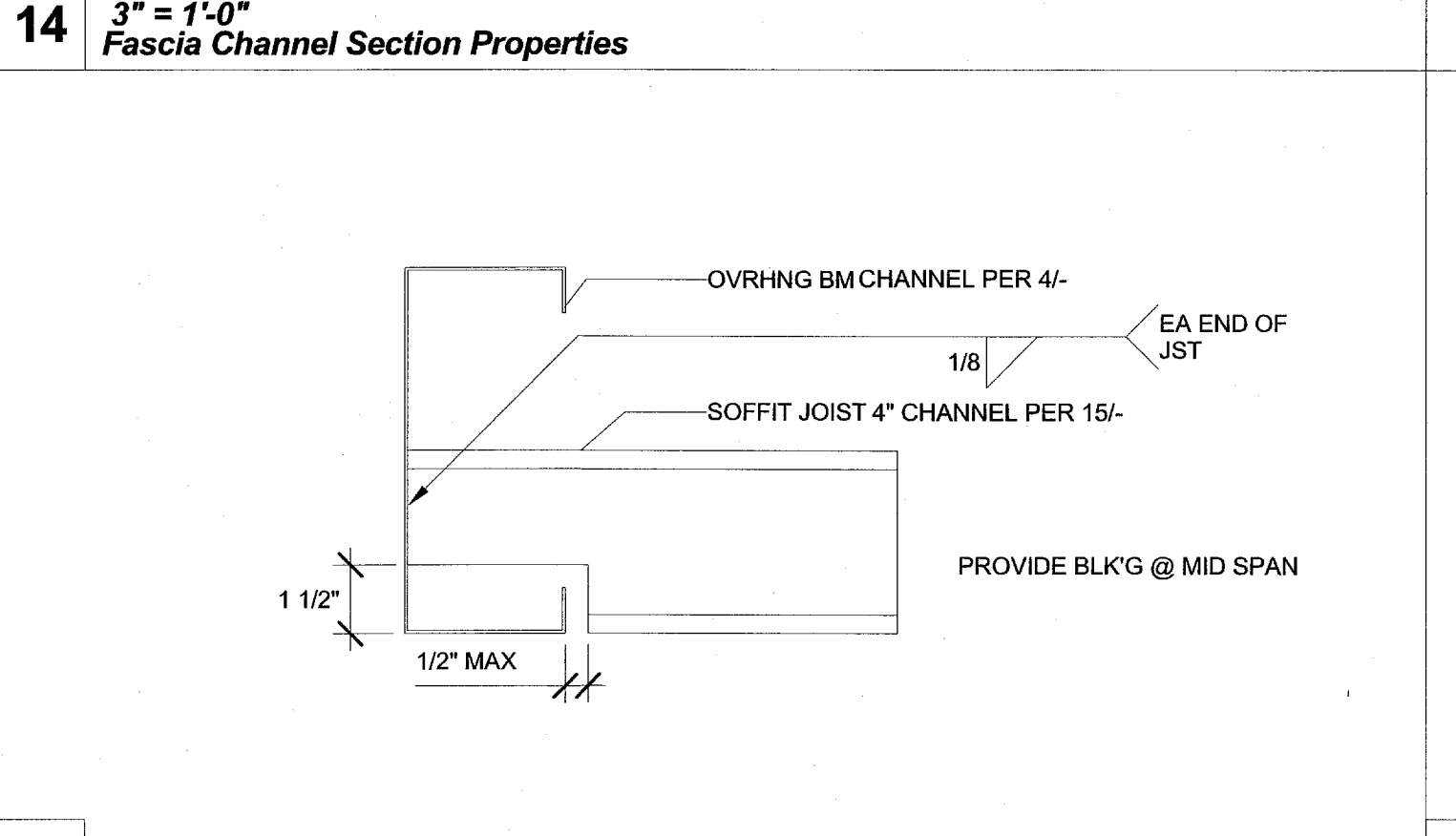
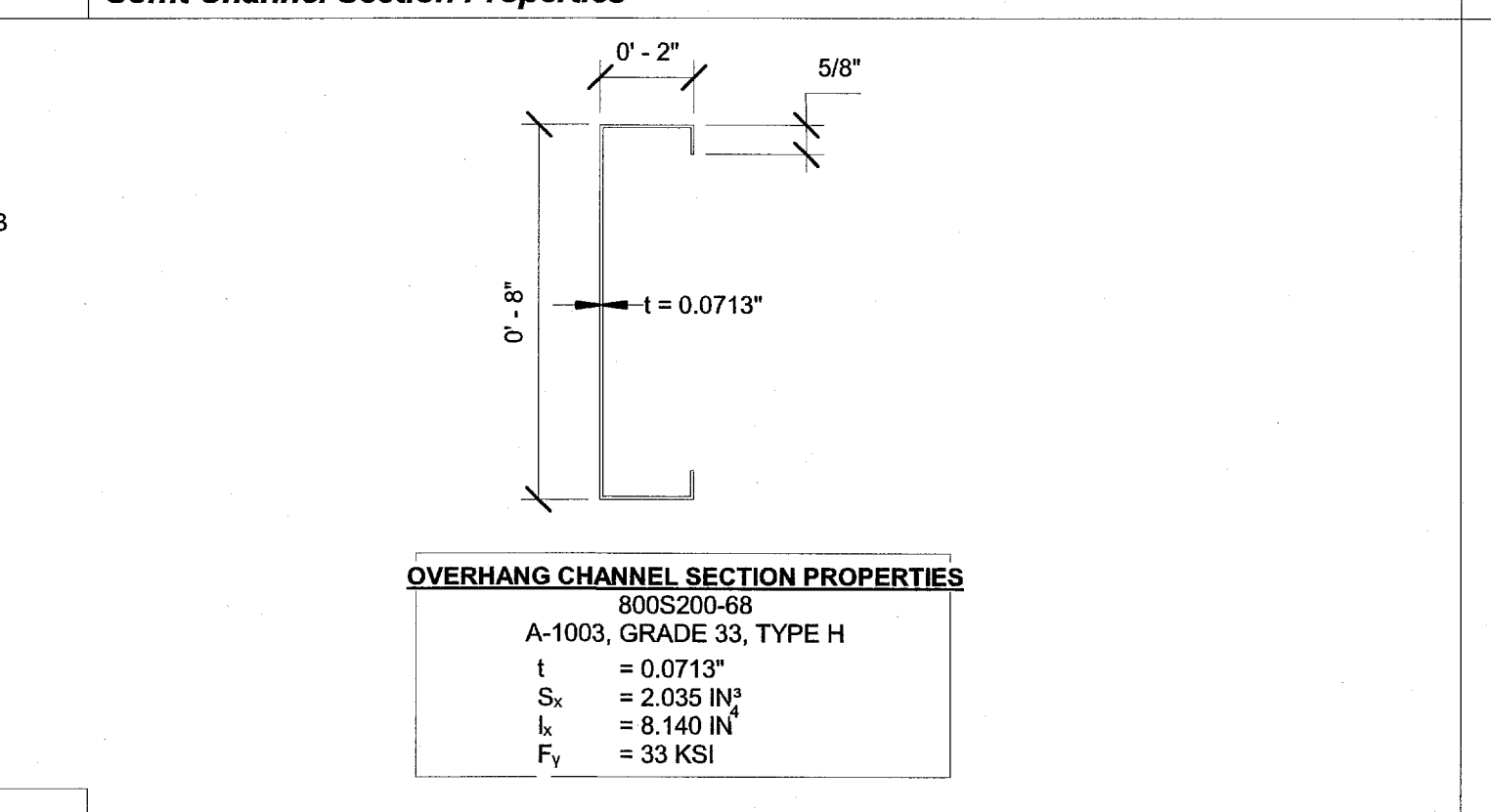
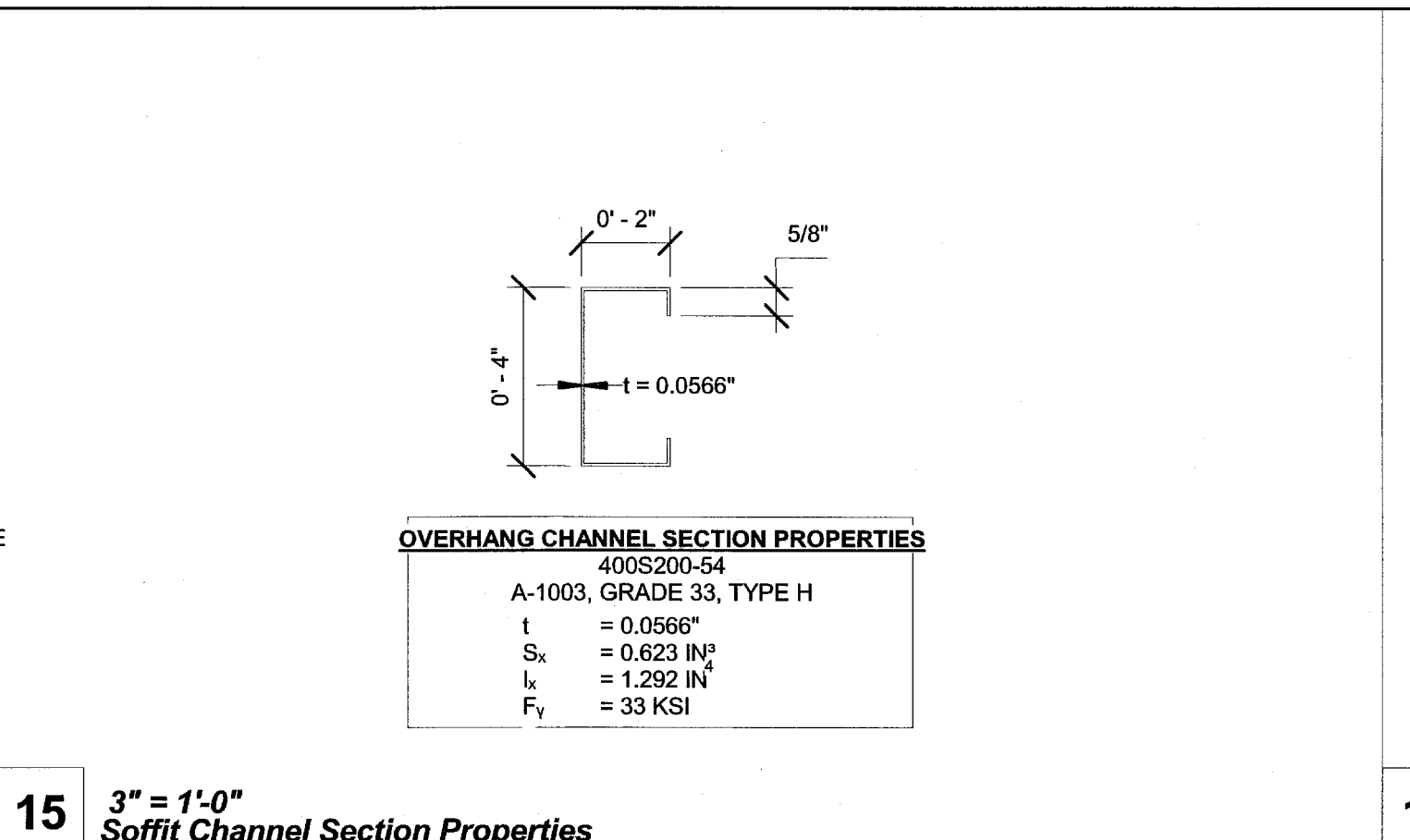
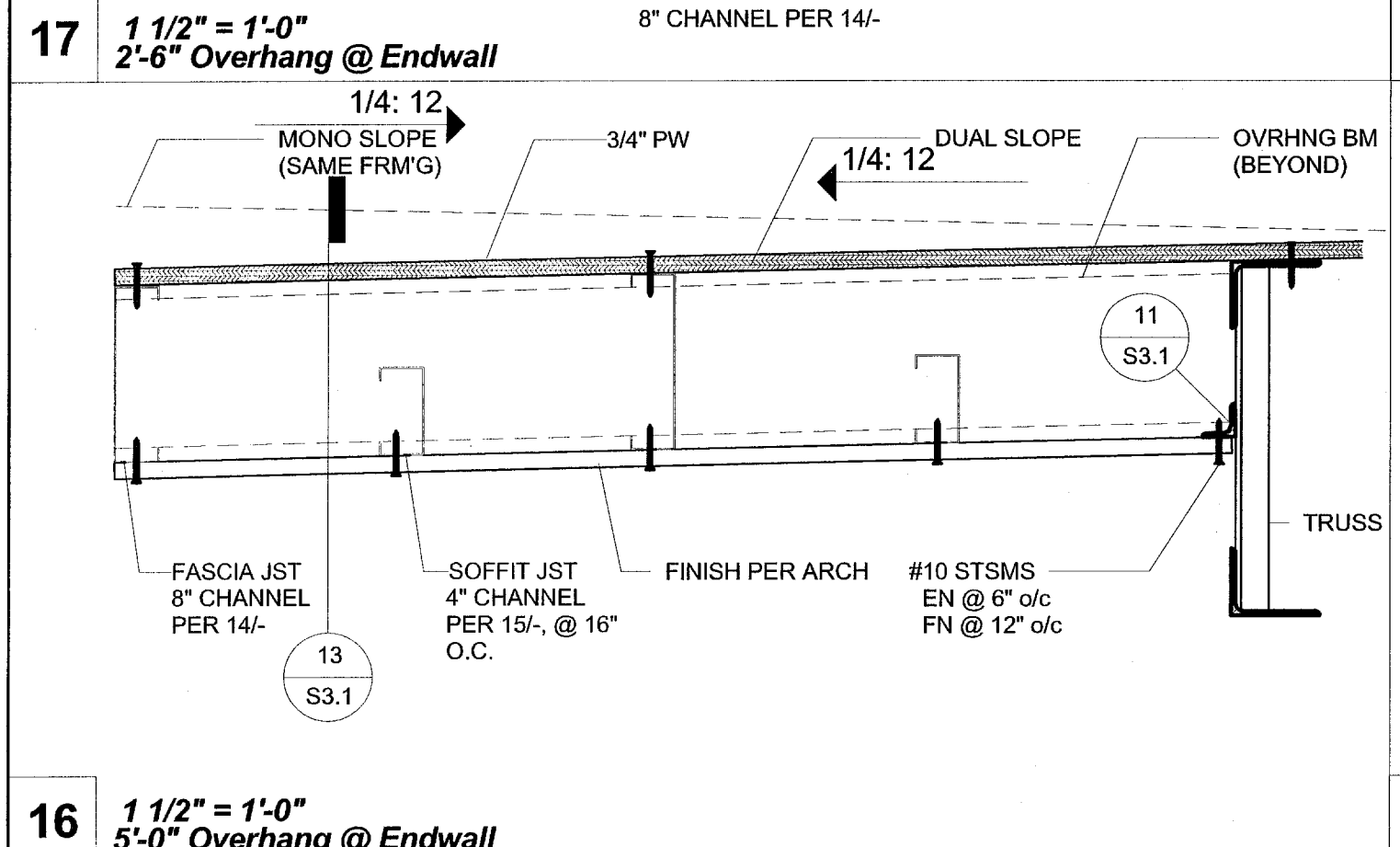
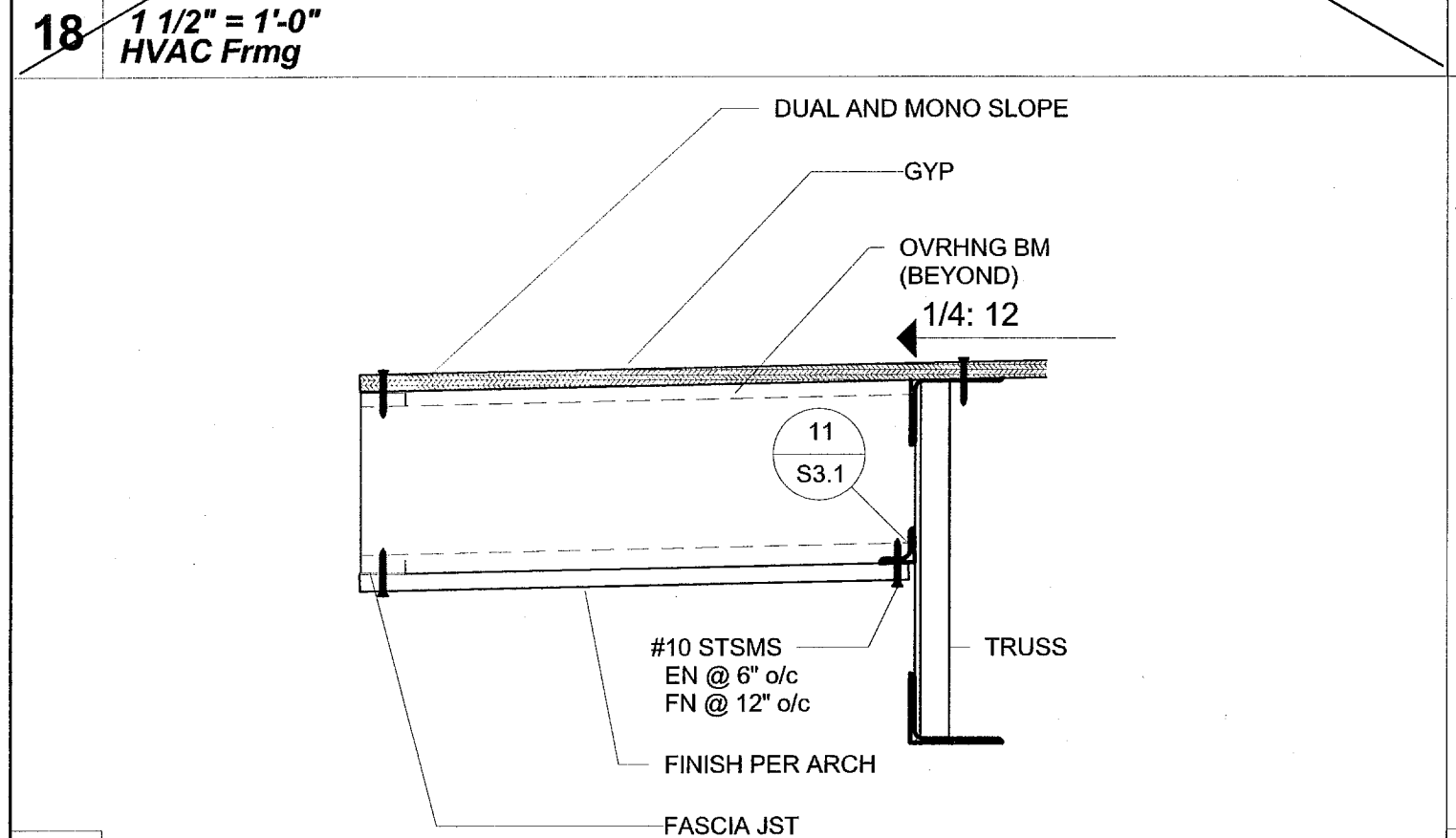
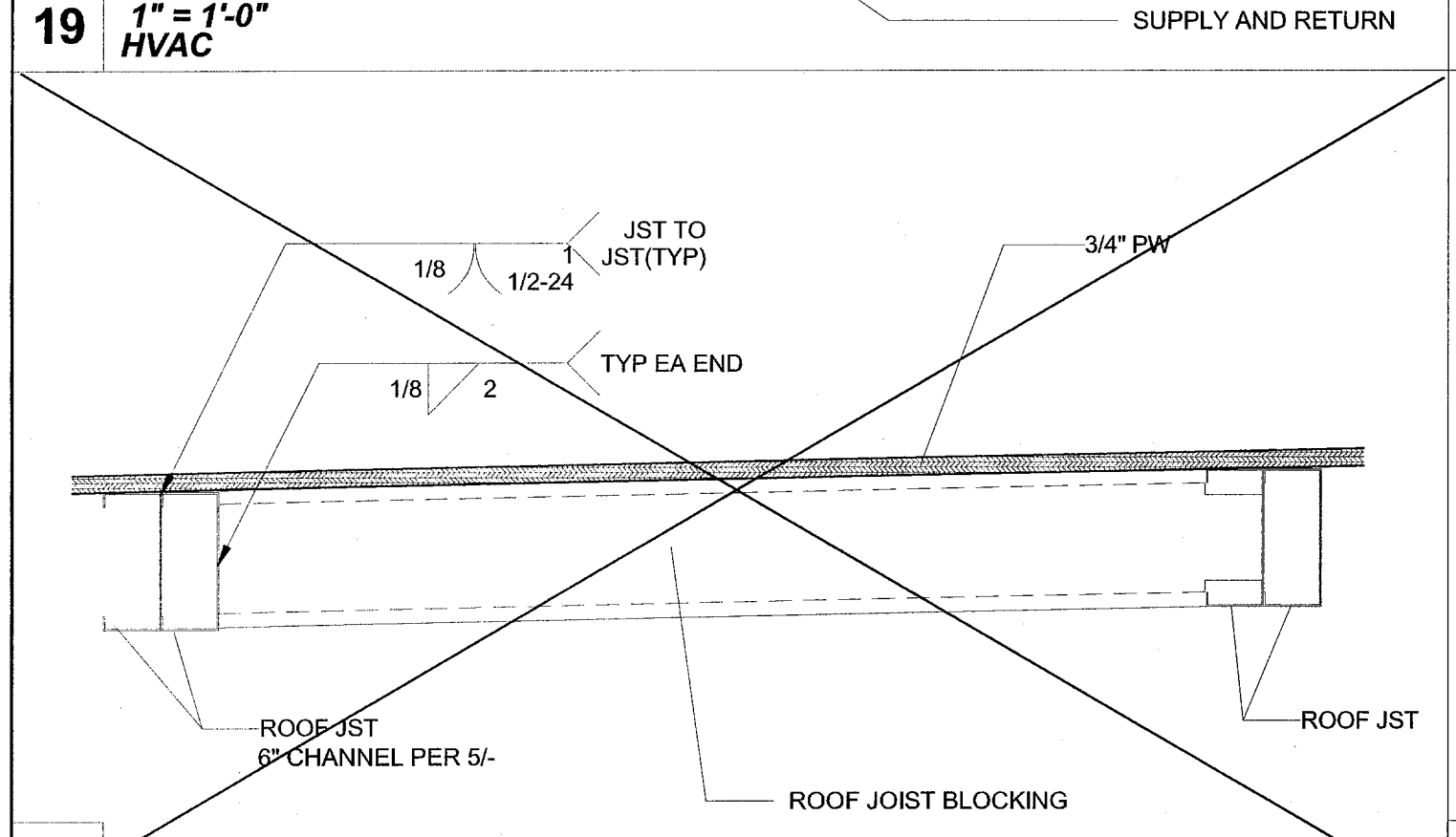
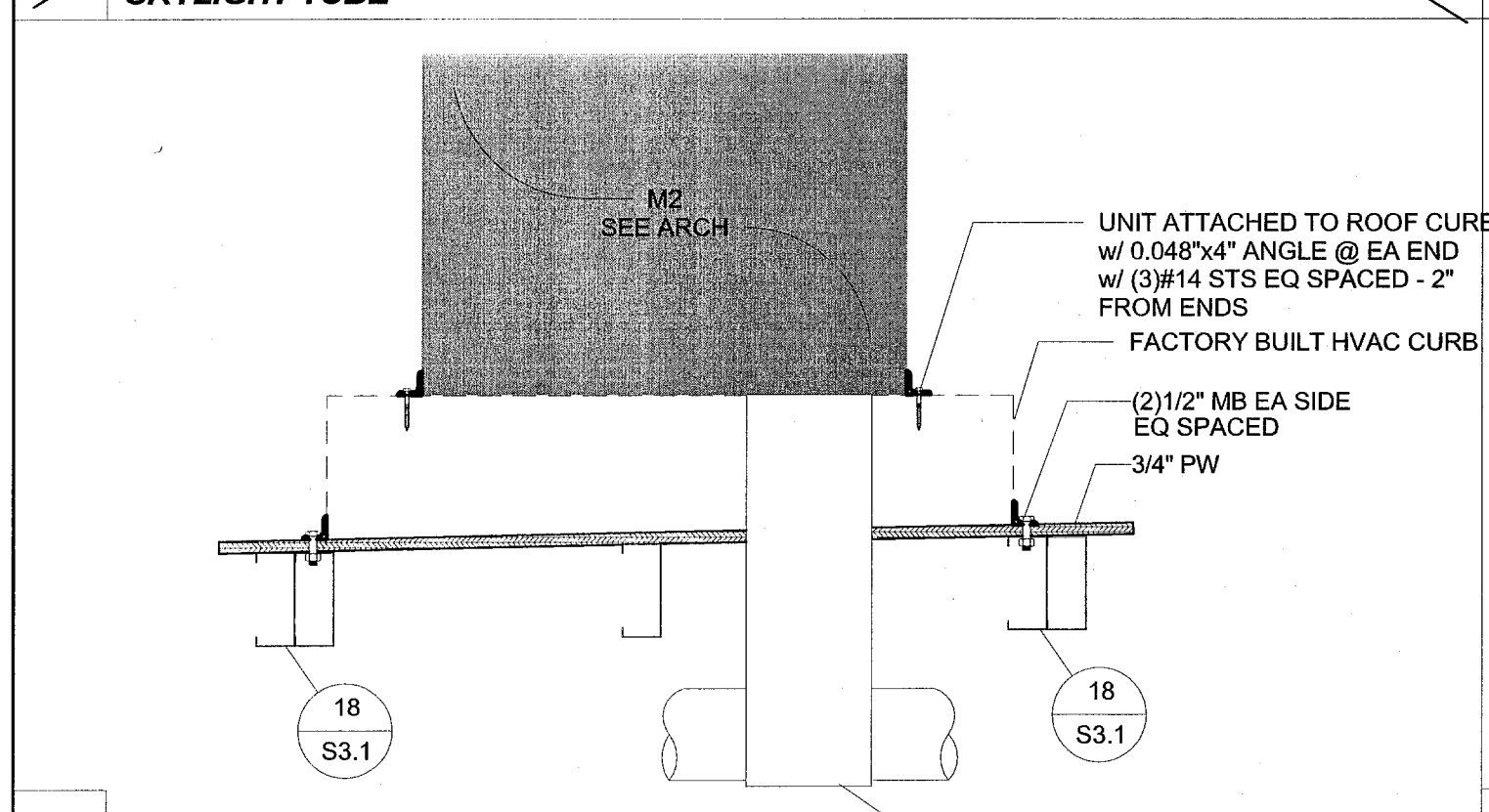
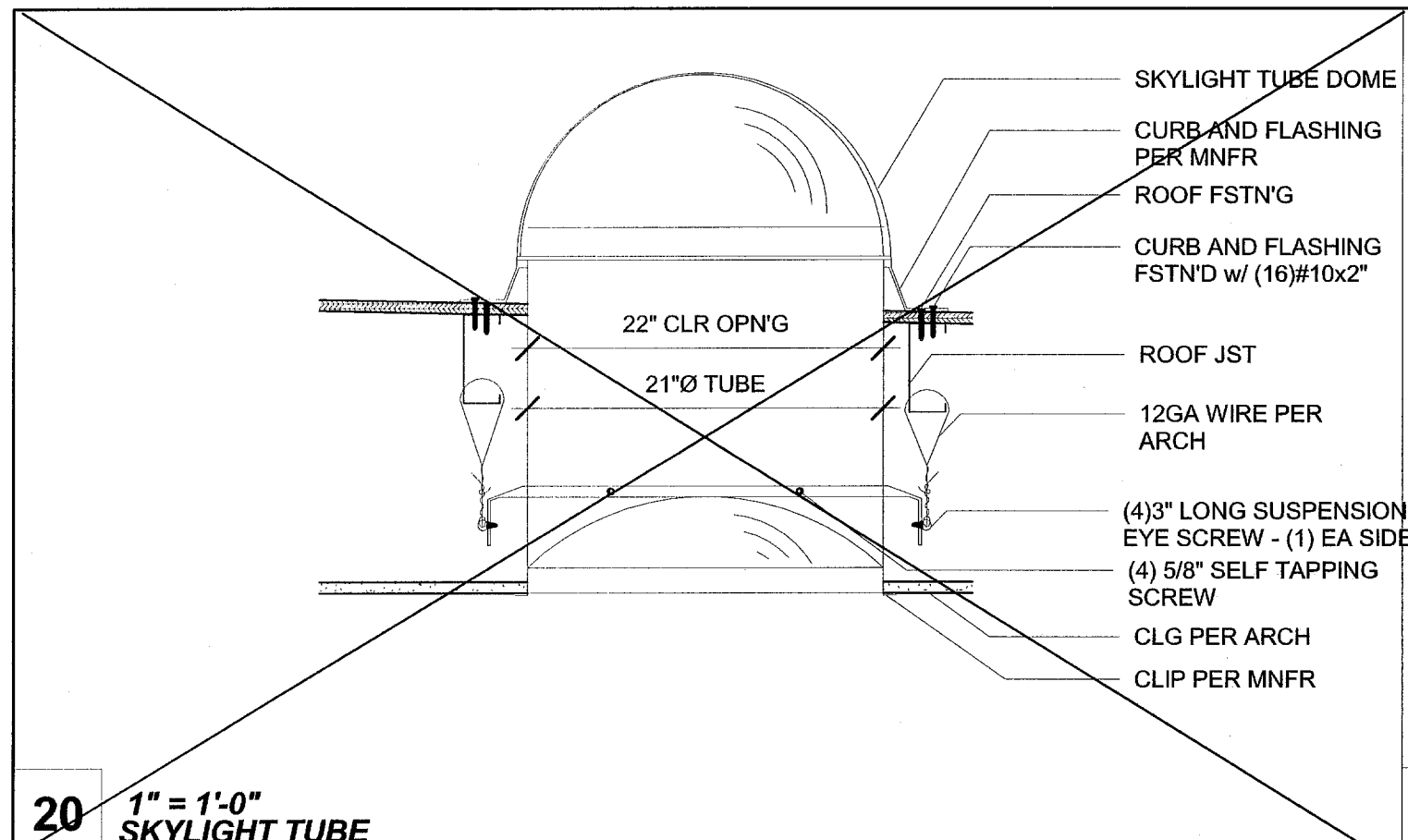
DRAWN BY
 rMc/SC

CHECKED BY
 JA/RT

DATE
 2017/06/05

SHEET NO.
S3.0.1

SHEET OF SHEETS



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

PROFESSIONAL STAMP

12/19/2017

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CLIENT

1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128

DATE: 07/19/2018

PROJECT TITLE
**24' x 40'
EXPANDABLE TO
120' x 40'**
PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL

DATE: MAR 0 2016

Revision Schedule

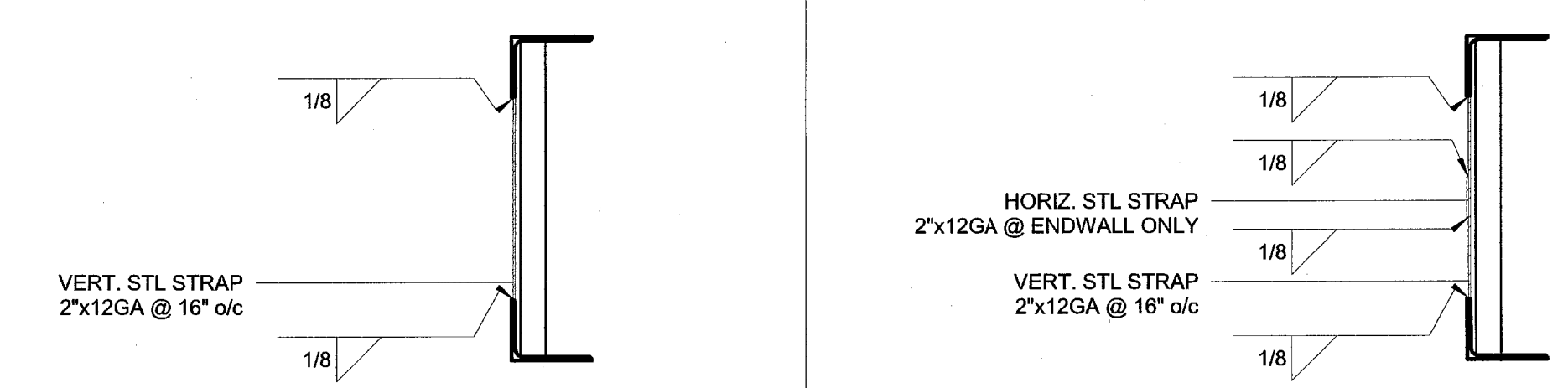
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SHEET TITLE
**STRUCTURAL
DETAILS
(ROOF)**

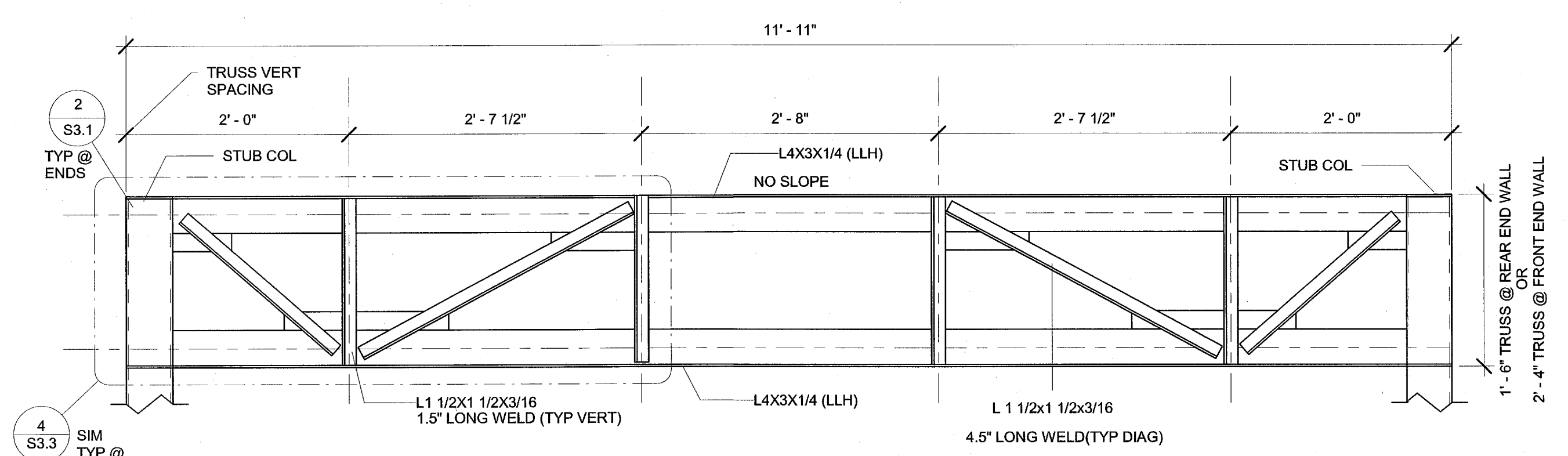
PROJECT NUMBER
17016A
DRAWN BY
rMc/SC
CHECKED BY
JA/RT
DATE
2017/06/05
SHEET NO.
S3.1
SHEET OF SHEETS

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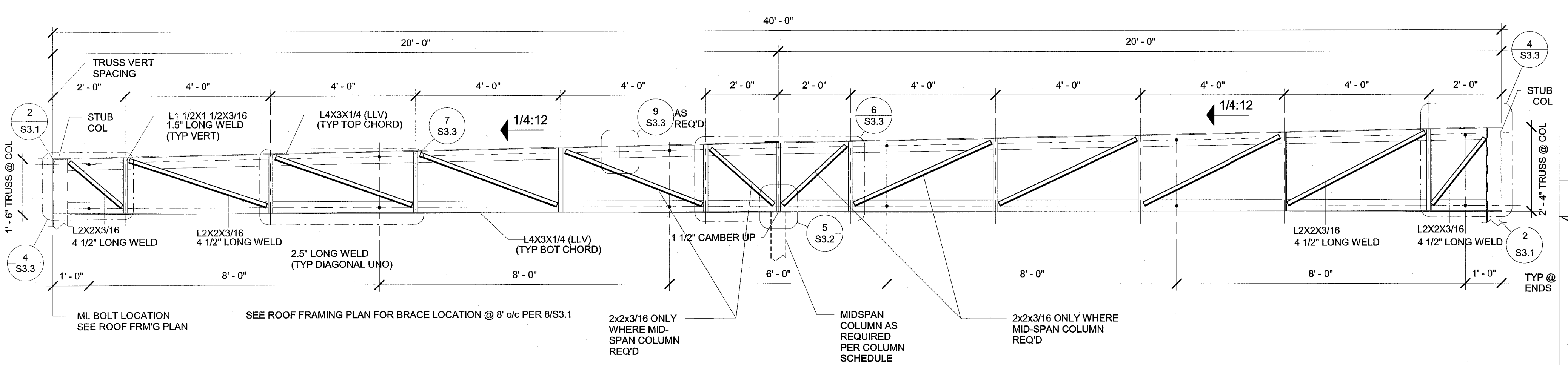
TABLE A-SECTION CENTROID	
SECTION	CENTROID C
L4X3 (LLV)	1 1/4"
L4X3 (LLH)	3/4"
L2X2X3/16	9/16"
L1.5X1.5X3/16	7/16"



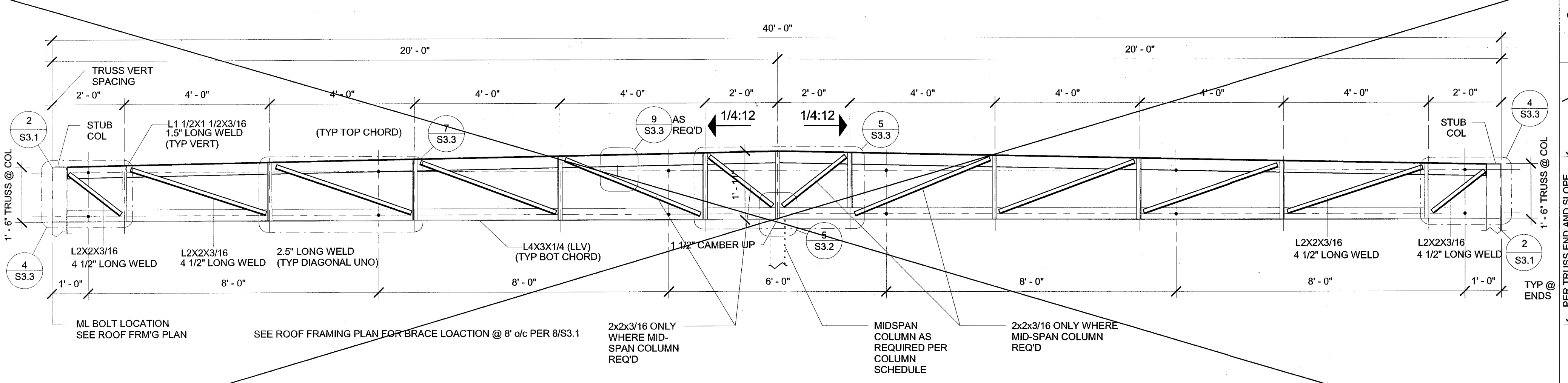
12 1/2" = 1'-0"
TABLE A - SECTION CENTROID



3 1" = 1'-0"
End Wall Truss

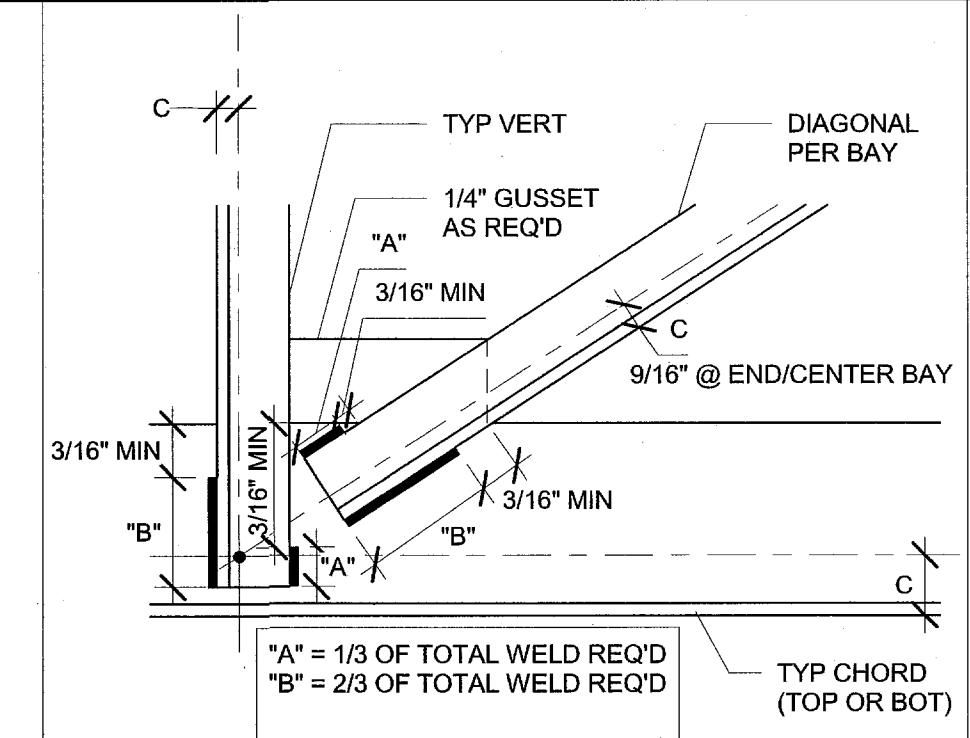


2 1/2" = 1'-0"
Mono Truss

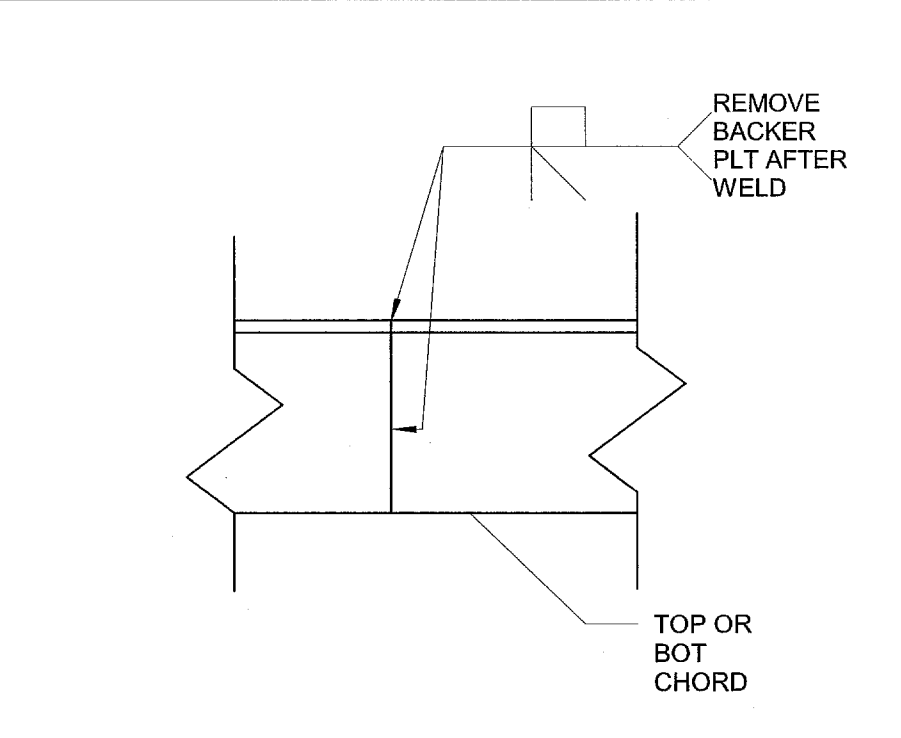


1 1/2" = 1'-0"
Dual Truss

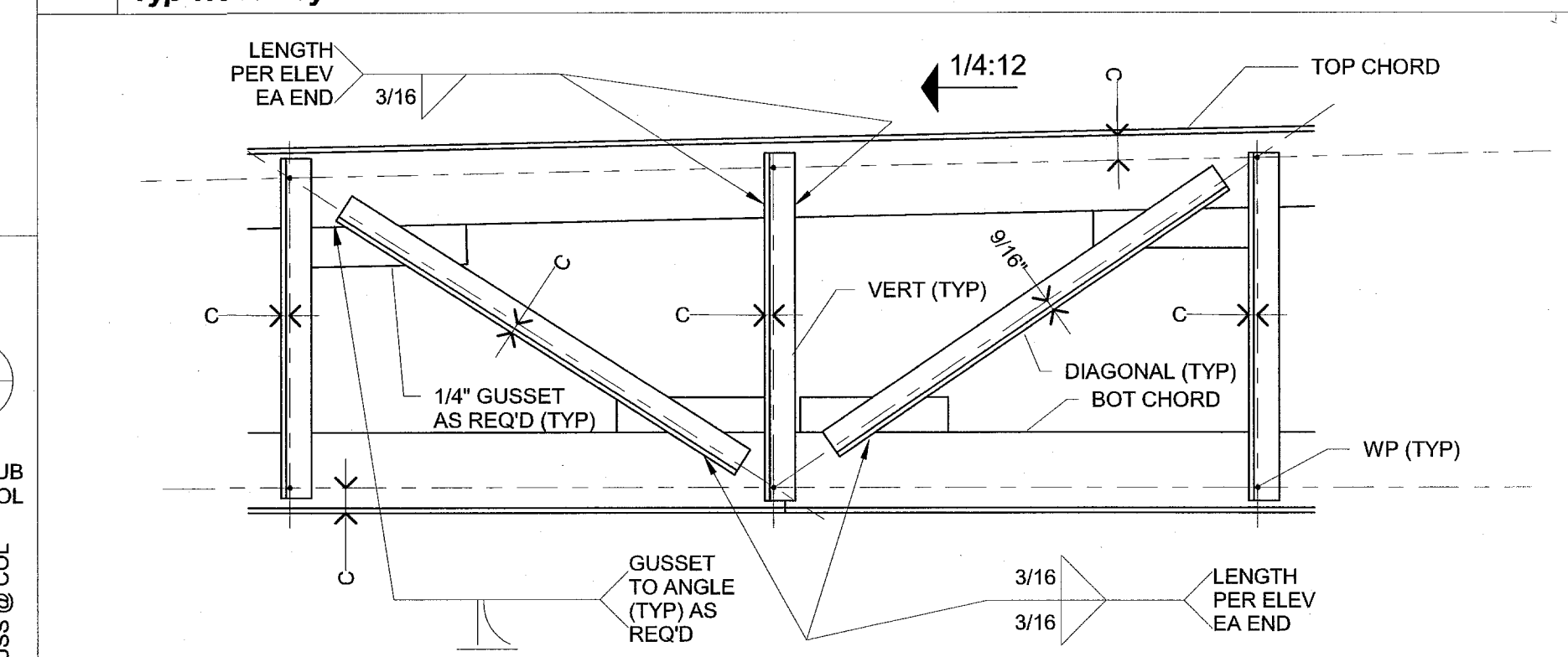
8 3" = 1'-0"
Typ Fillet Weld Lengths



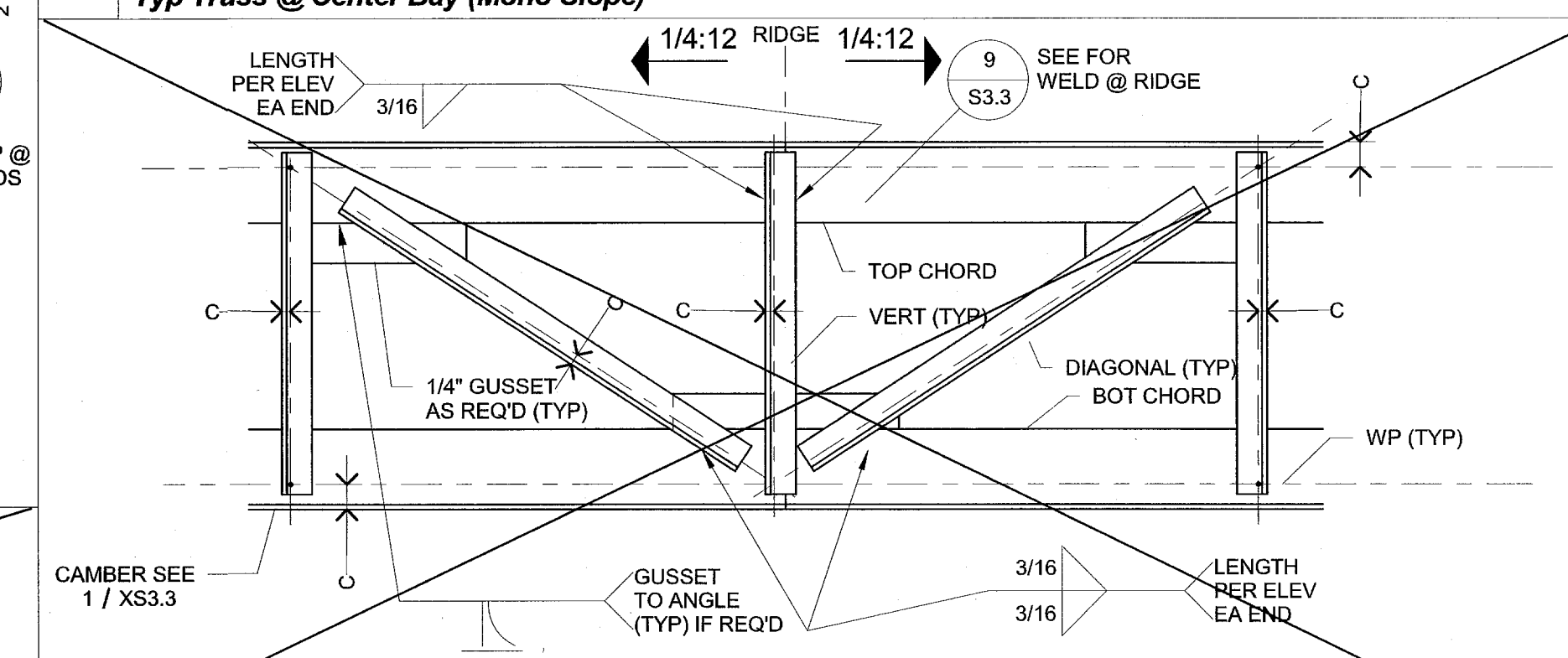
9 3" = 1'-0"
Typ Truss Chord Splice



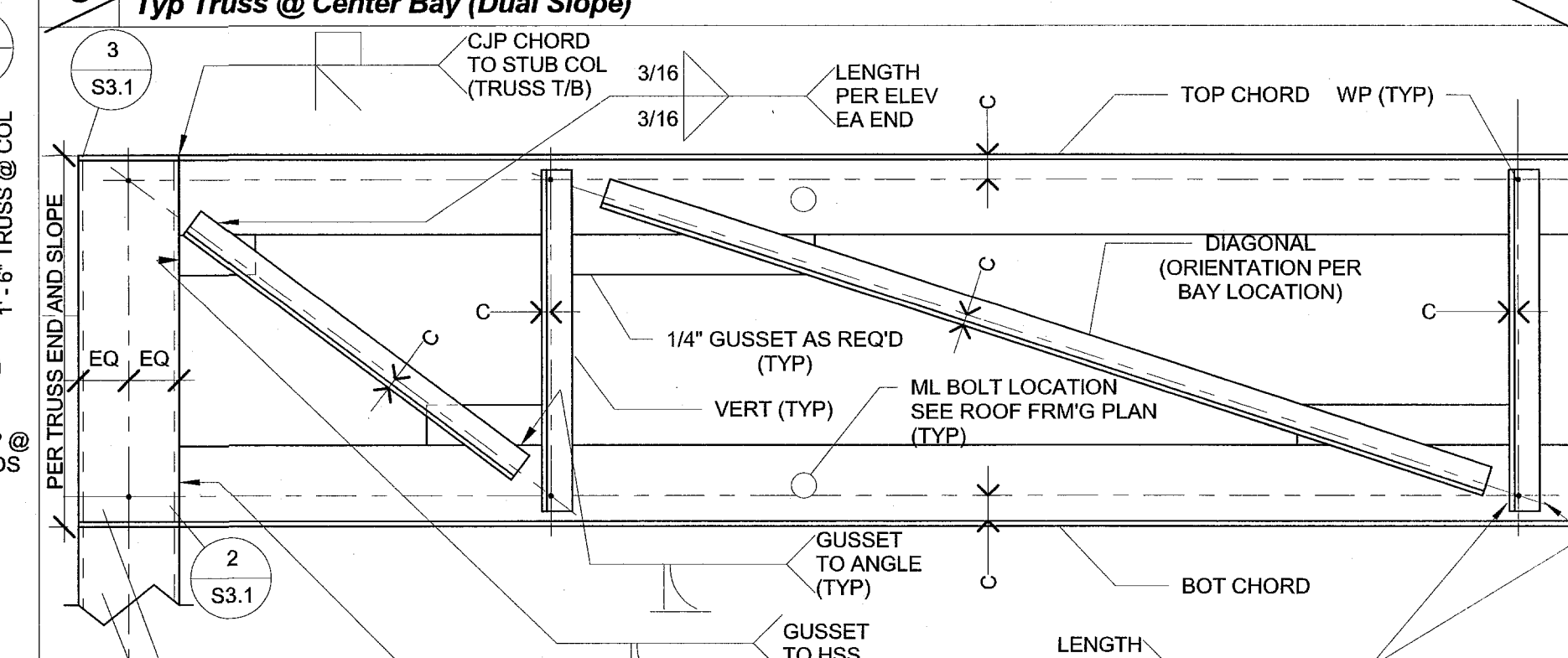
7 1 1/2" = 1'-0"
Typ Truss Bay



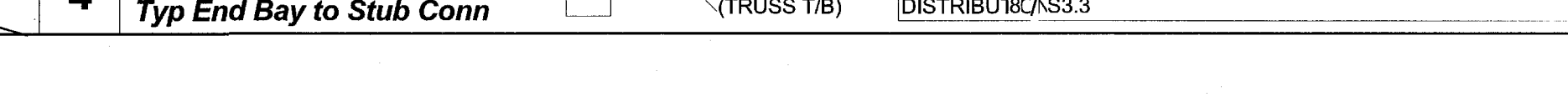
6 1 1/2" = 1'-0"
Typ Truss @ Center Bay (Mono Slope)



5 1 1/2" = 1'-0"
Typ Truss @ Center Bay (Dual Slope)



4 1 1/2" = 1'-0"
Typ End Bay to Stub Conn



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

PROFESSIONAL STAMP

12/19/2017

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CLASS LEASING LLC
1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC_RM_FLS_EX_SSR_KER
DATE: 07/19/2018

PROJECT TITLE
**24' x 40'
EXPANDABLE TO
120' x 40'**

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A separate application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118238
ACS_FLS_EX_SSR_KER
DATE: MAR 07 2018

Revision Schedule
Description Date

SHEET TITLE
ROOF PERIMETER TRUSS

PROJECT NUMBER
17016A

DRAWN BY
rMc/SC

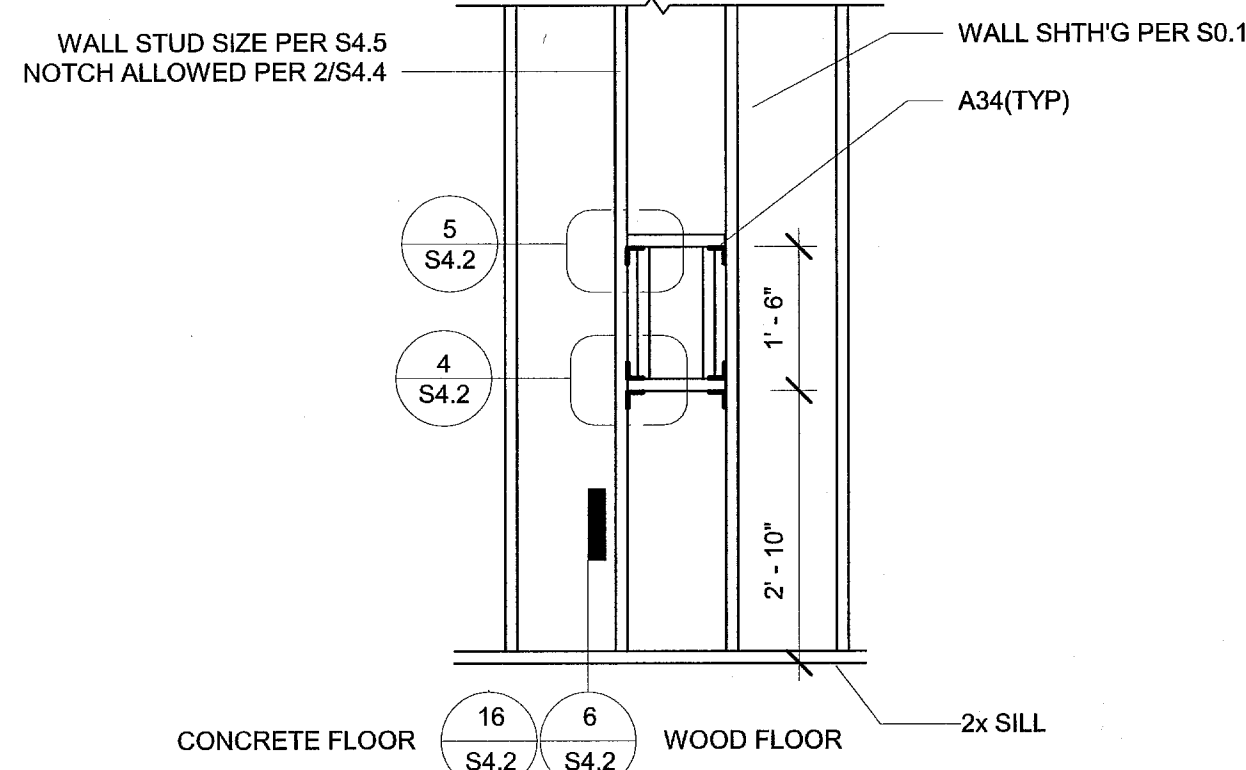
CHECKED BY
JA/RT

DATE
2017/06/05

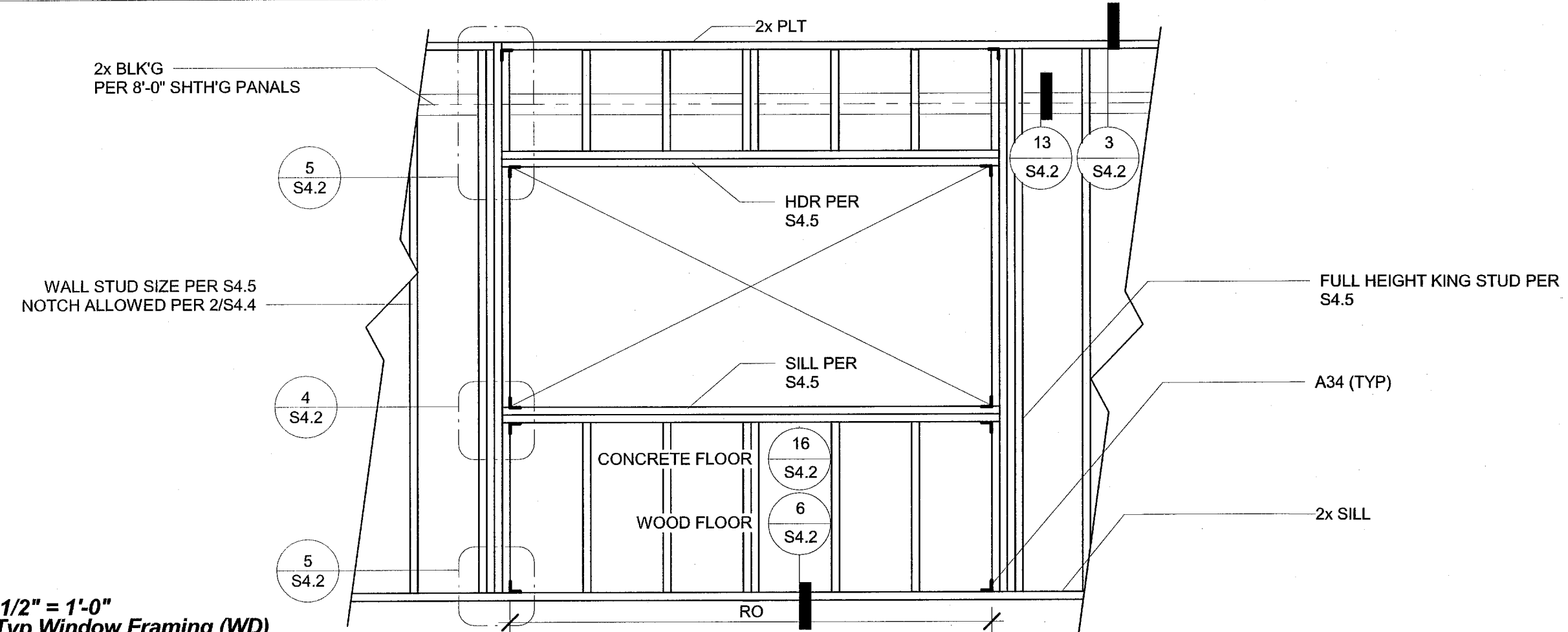
SHEET NO.
S3.3

SHEET OF SHEETS

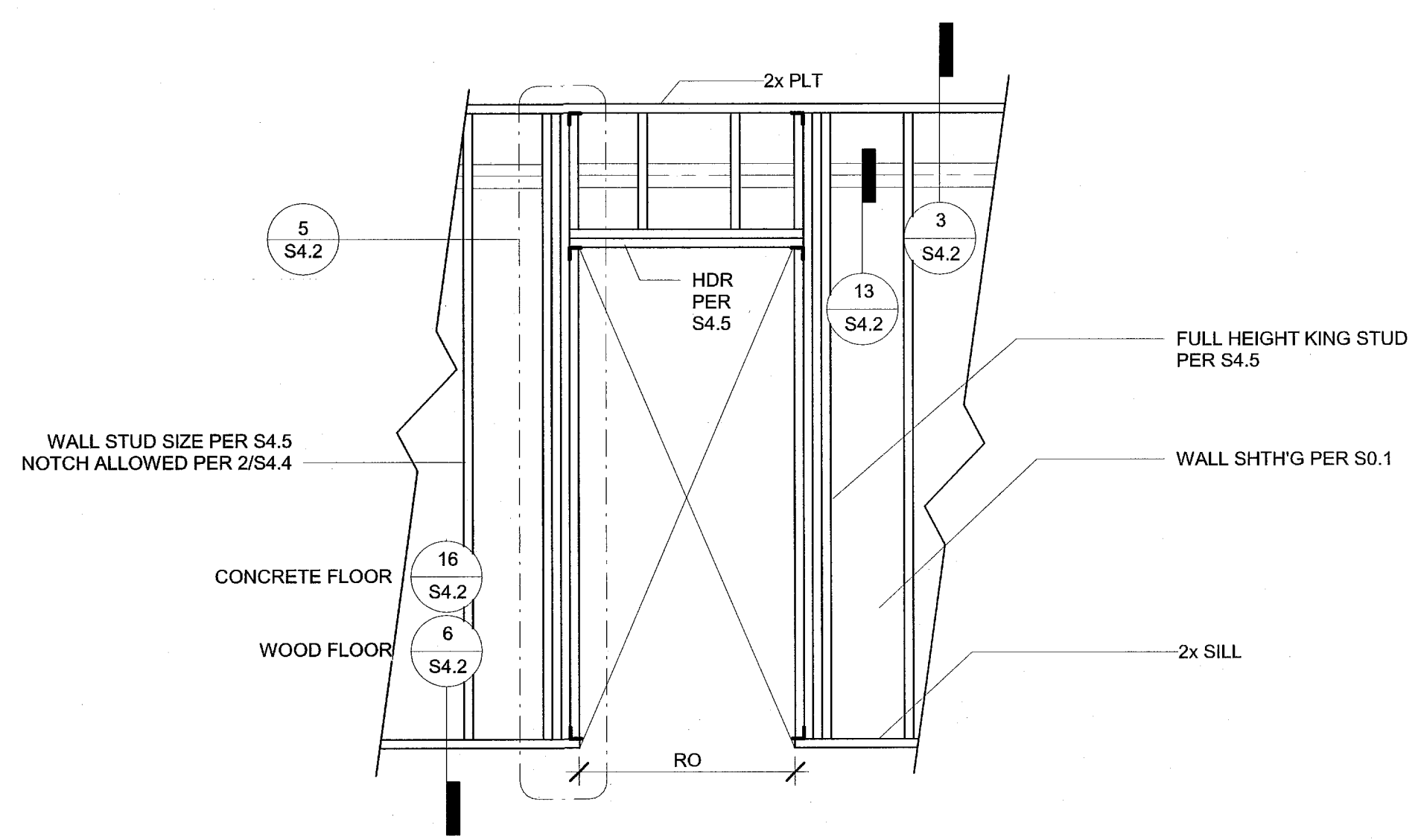
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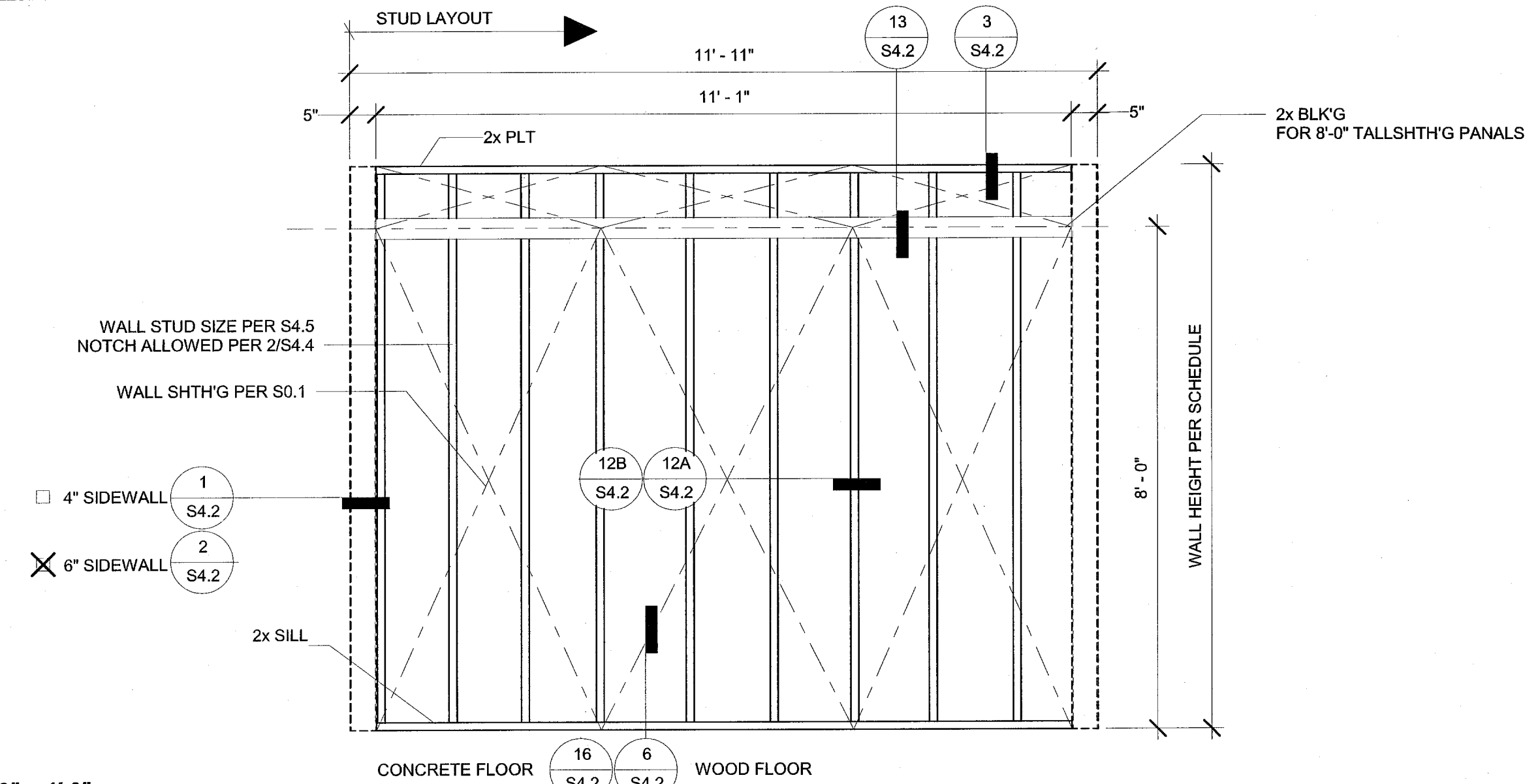
6 1/2" = 1'-0"
Typ Fire Extinguisher Framing (WD)



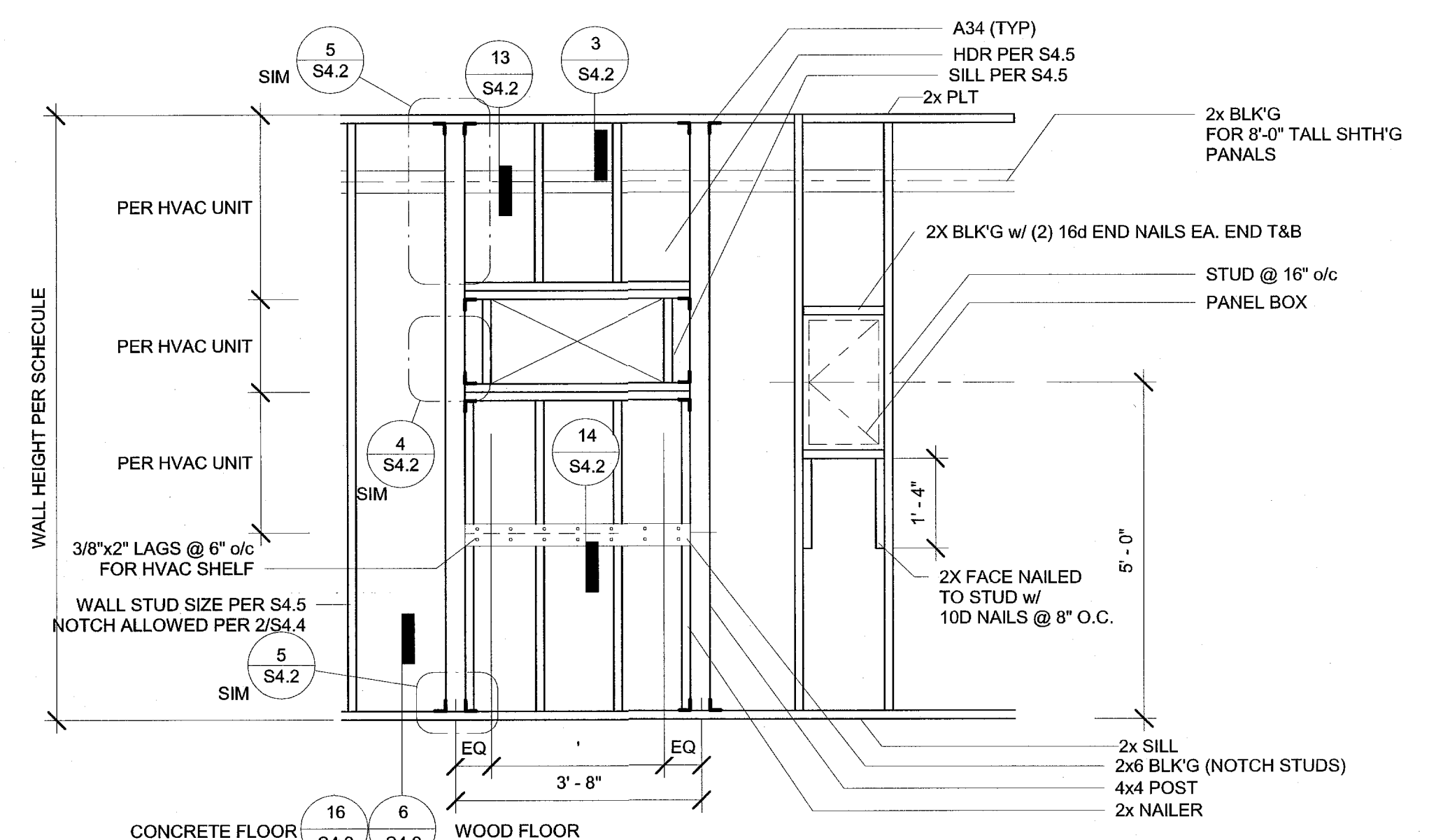
4 1/2" = 1'-0"
Typ Window Framing (WD)



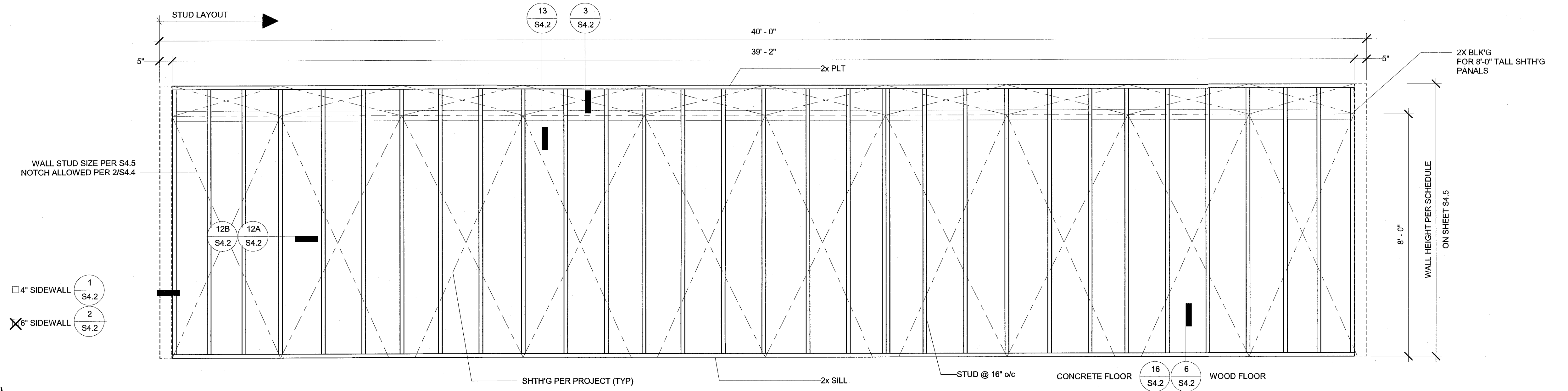
5 1/2" = 1'-0"
Typ Door Framing (WD)



2 1/2" = 1'-0"
Typ Endwall Framing (WD)



3 1/2" = 1'-0"
Typ Endwall Framing @ HVAC (WD)



1 1/2" = 1'-0"
Typ Sidewall Framing (WD)

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APP: 02-121488 INC:
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SS FLS ACS
DATE: 6/29/2023

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12/19/2017

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ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC RM FLS EX SSR KER
DATE: 07/19/2018

PROJECT TITLE
**24' x 40'
EXPANDABLE TO
120' x 40'**
PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118238
ACS FLS SS
DATE MAR 07, 2019

Revision Schedule		
#	Description	Date

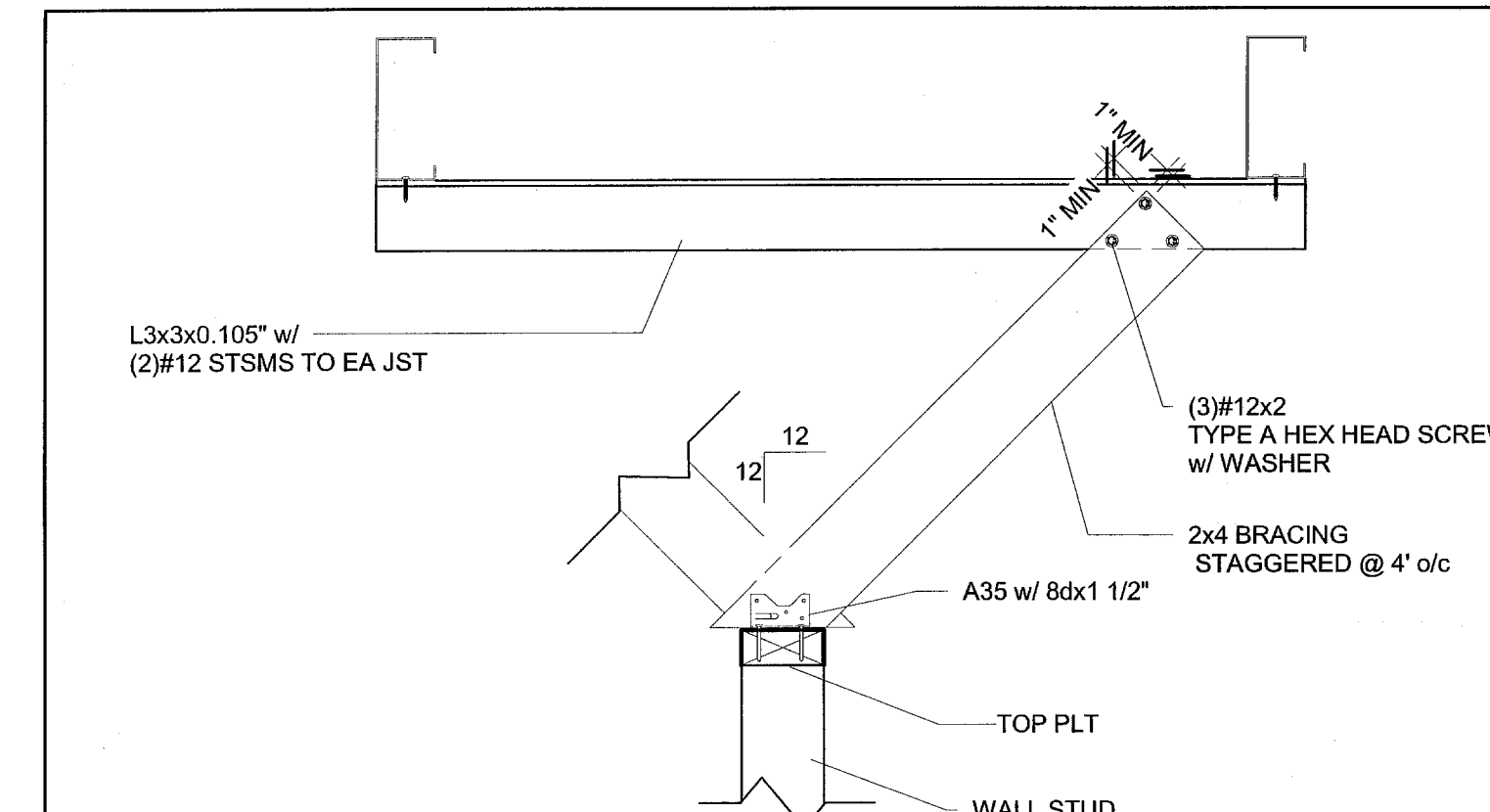
SHEET TITLE
**WD WALL
FRAMING
ELEVATIONS**

PROJECT NUMBER
17016A
DRAWN BY
rMc/SC
CHECKED BY
JA/RT
DATE
2017/06/05
SHEET NO.

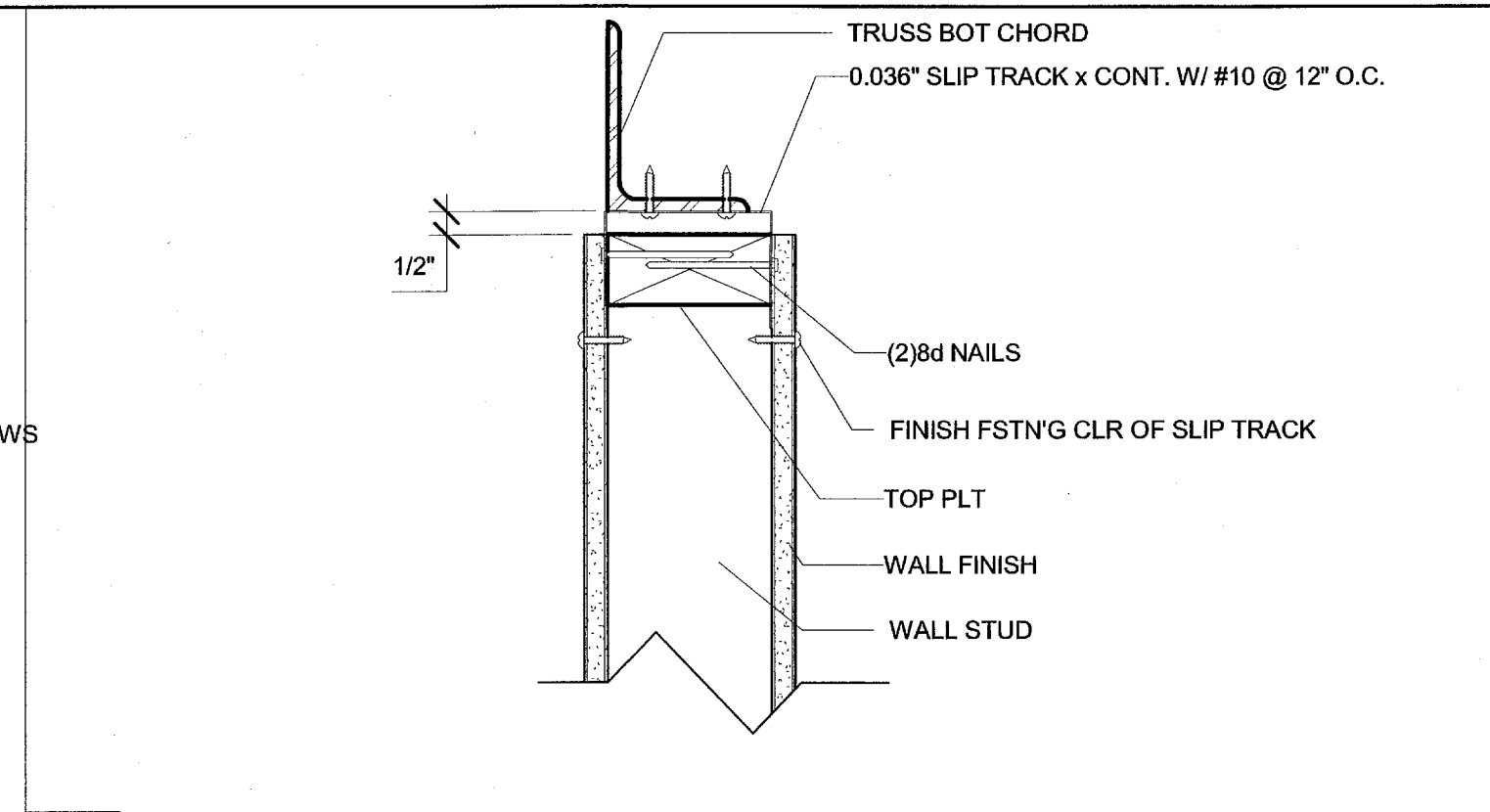
S4.1

SHEET OF SHEETS

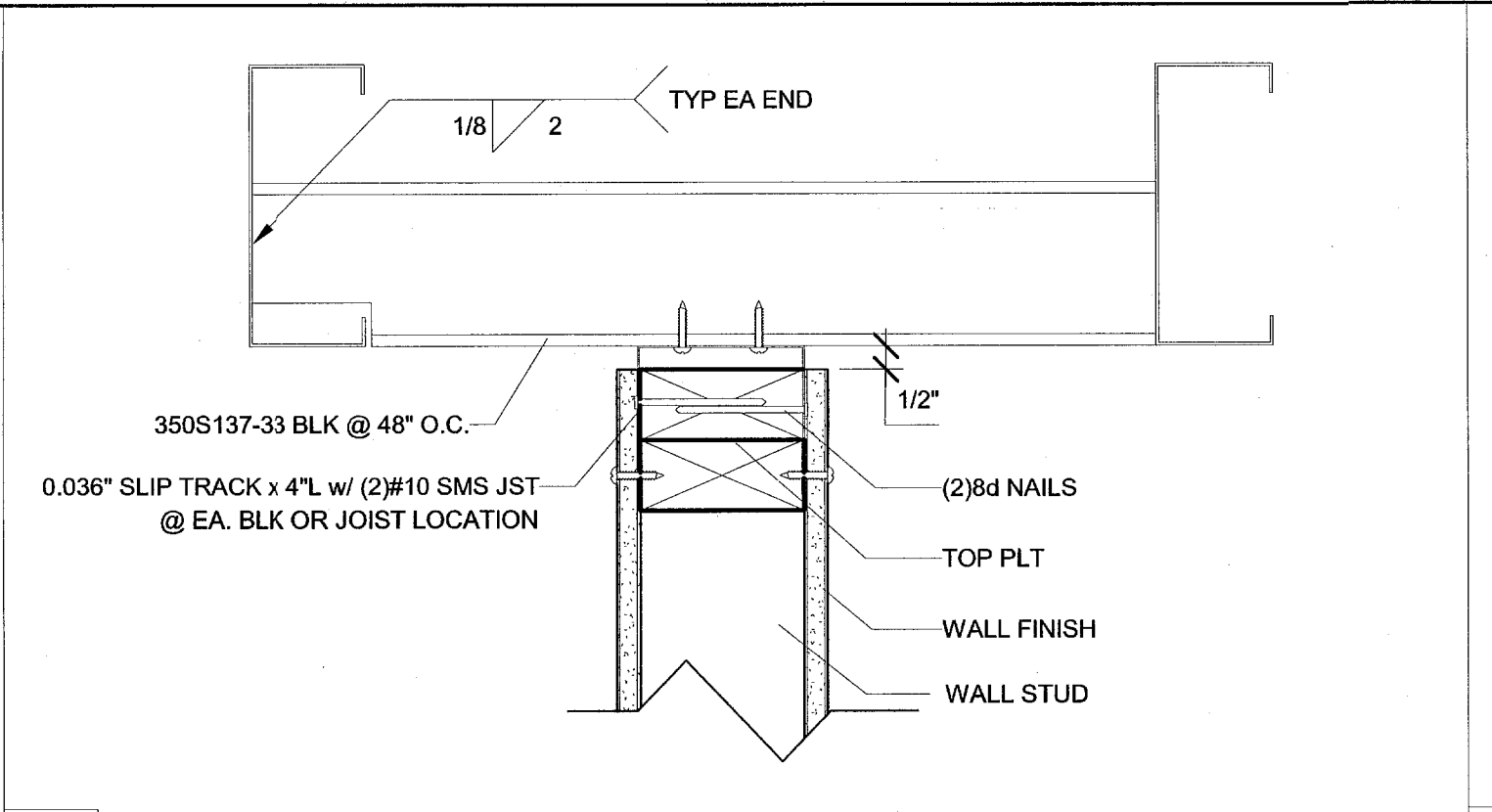
12/18/2017 6:02:23 PM C:\Users\Lee\Documents\17016 - Atlas, 24x40 PC - MainFile - Low Seismic_Leerv1



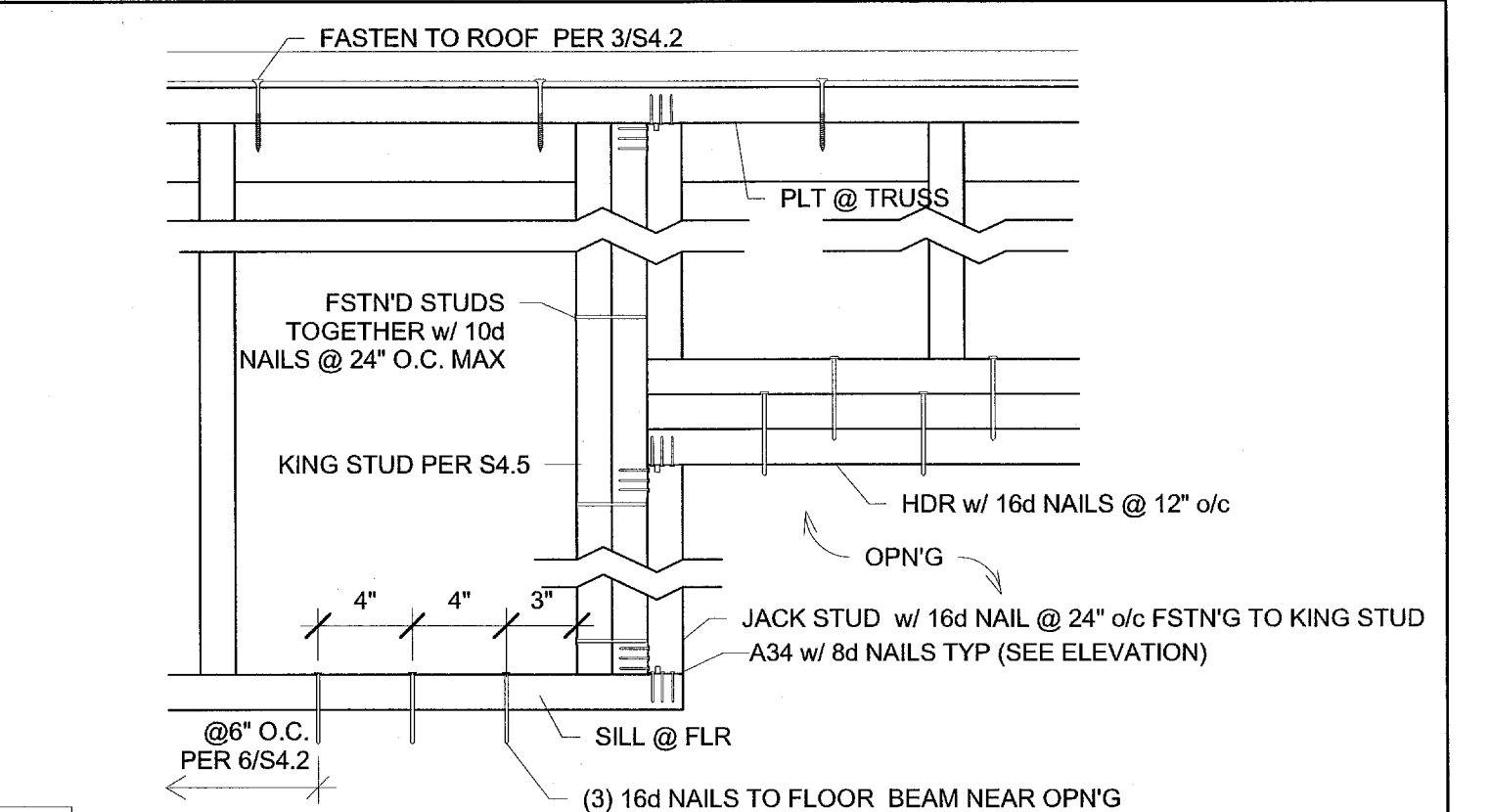
20 1 1/2" = 1'-0"
Sections - Interior Partition w/ Brace to Blk'g (WD)



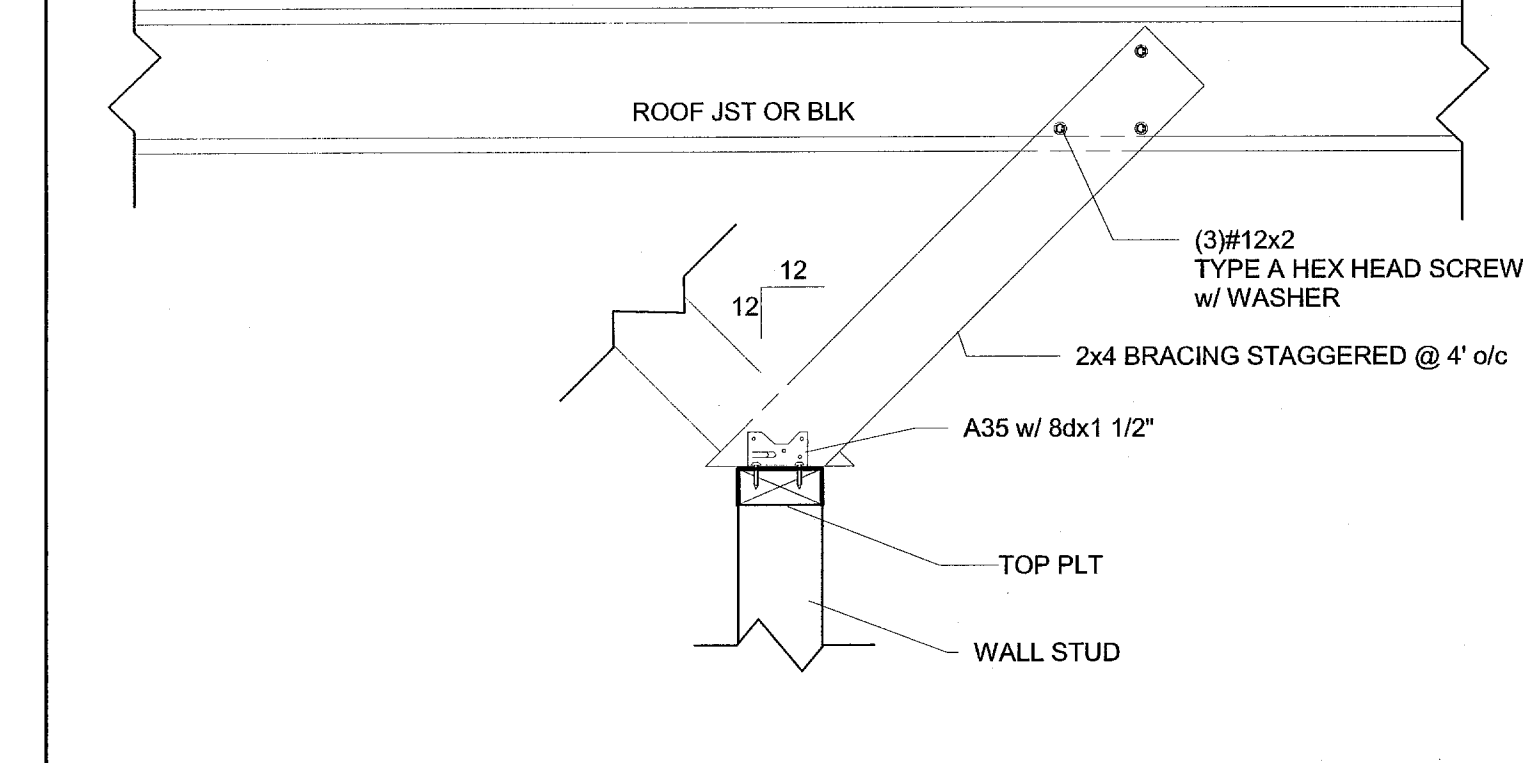
15 3" = 1'-0"
Section - Interior Wall Top Plate @ Truss (ML)



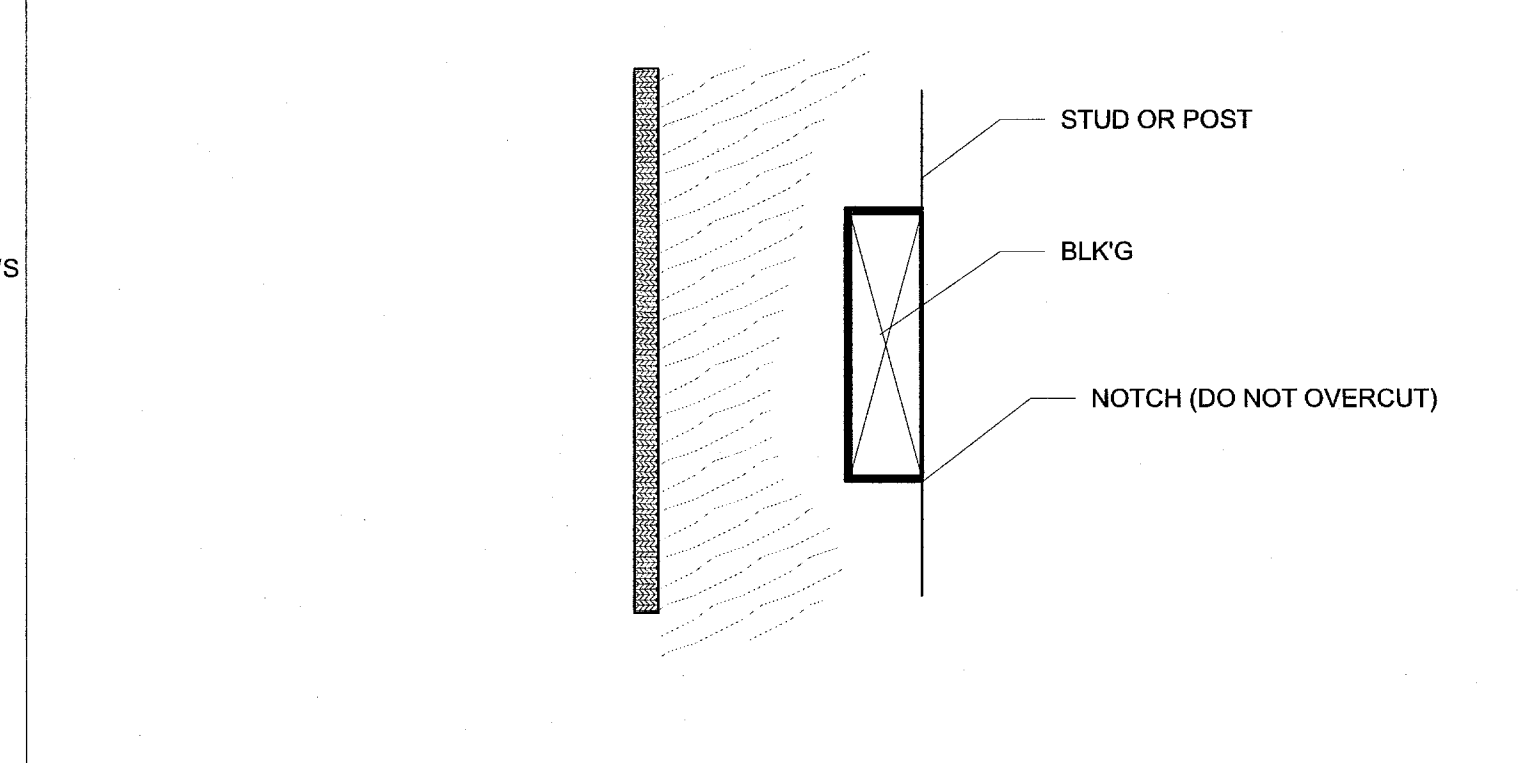
10 3" = 1'-0"
Sections - Interior Partition @ Blk'g (WD)



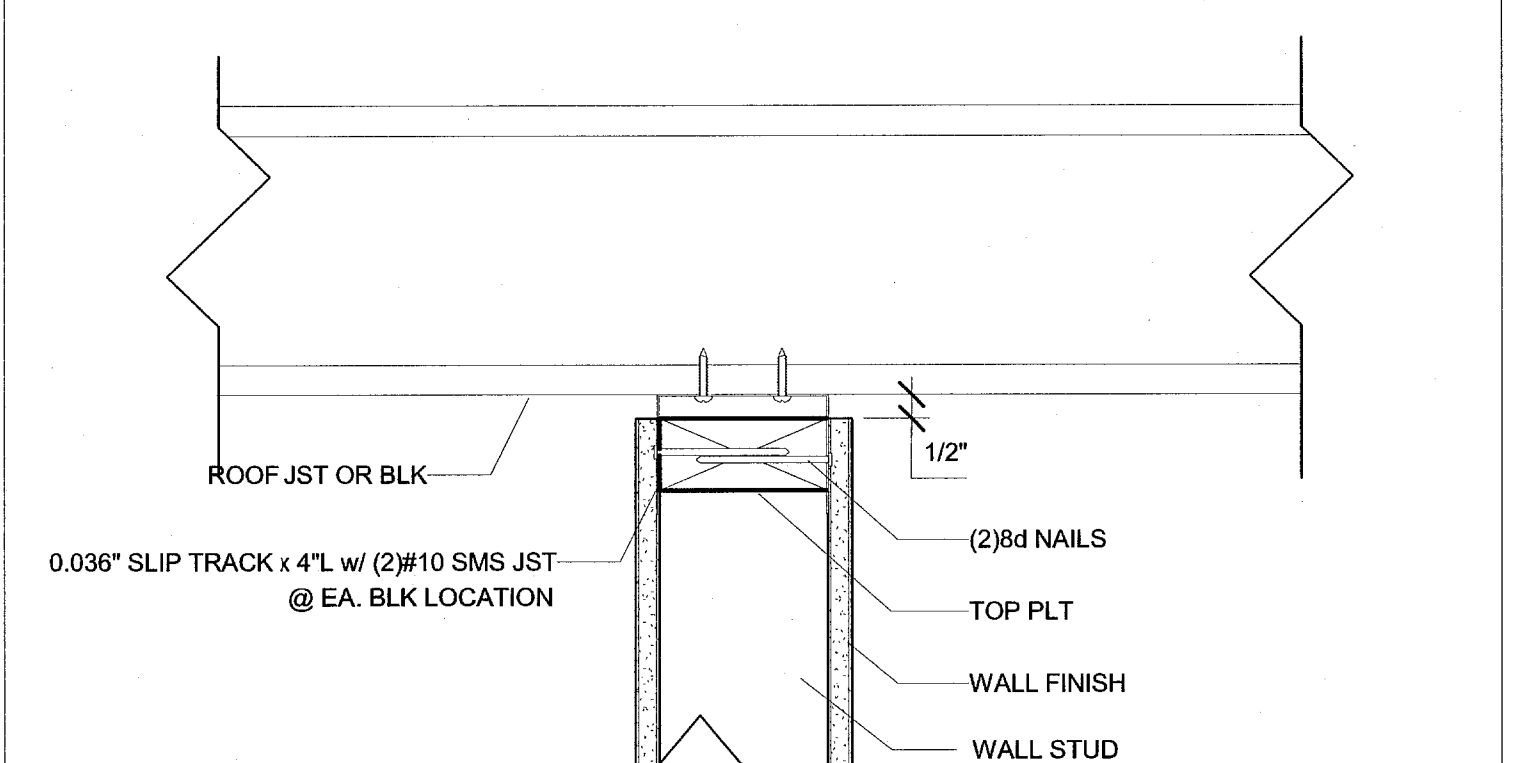
5 1 1/2" = 1'-0"
Elevation - Window/Door Hdr and Sill



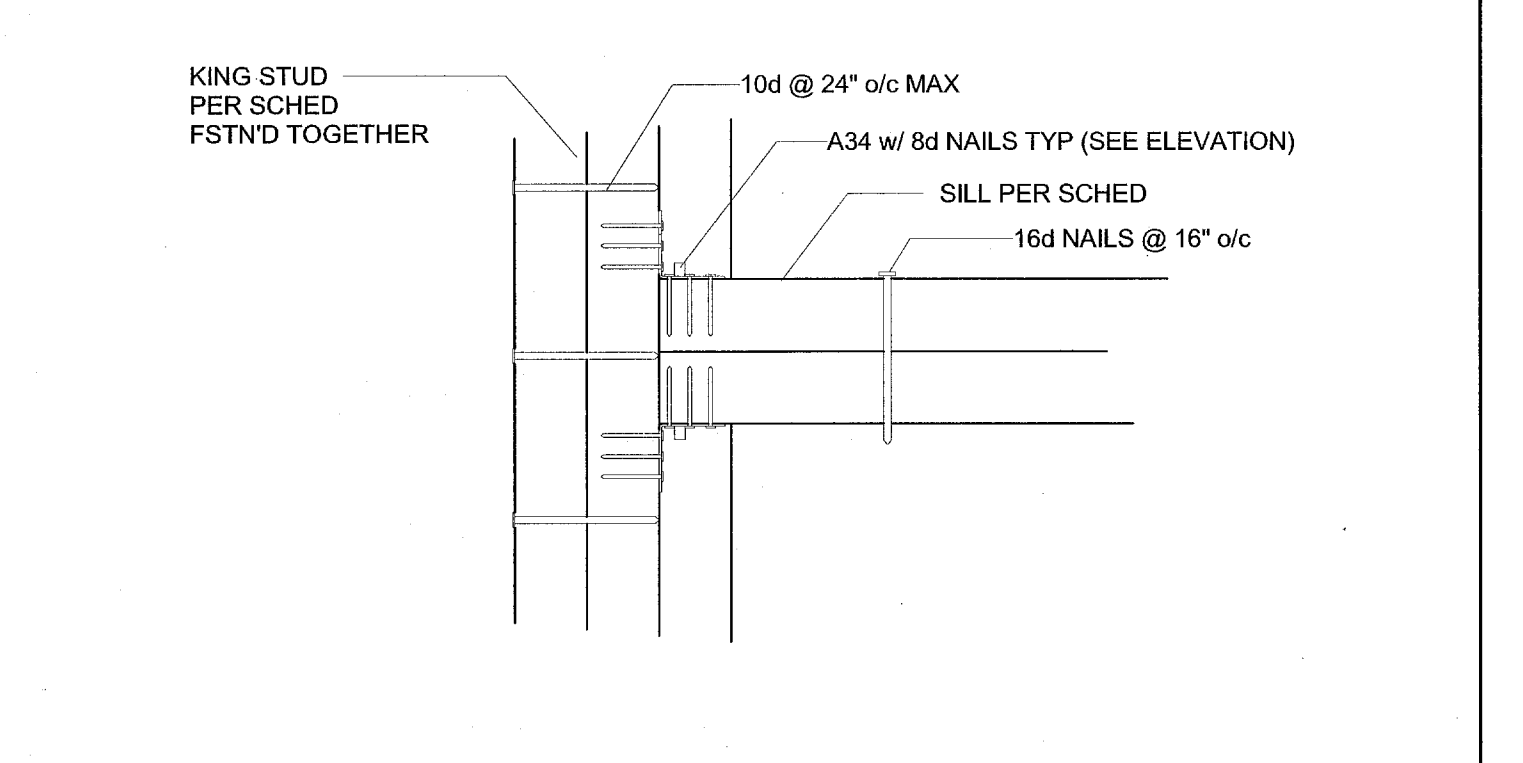
19 1 1/2" = 1'-0"
Sections - Interior Partition w/ Brace (WD)



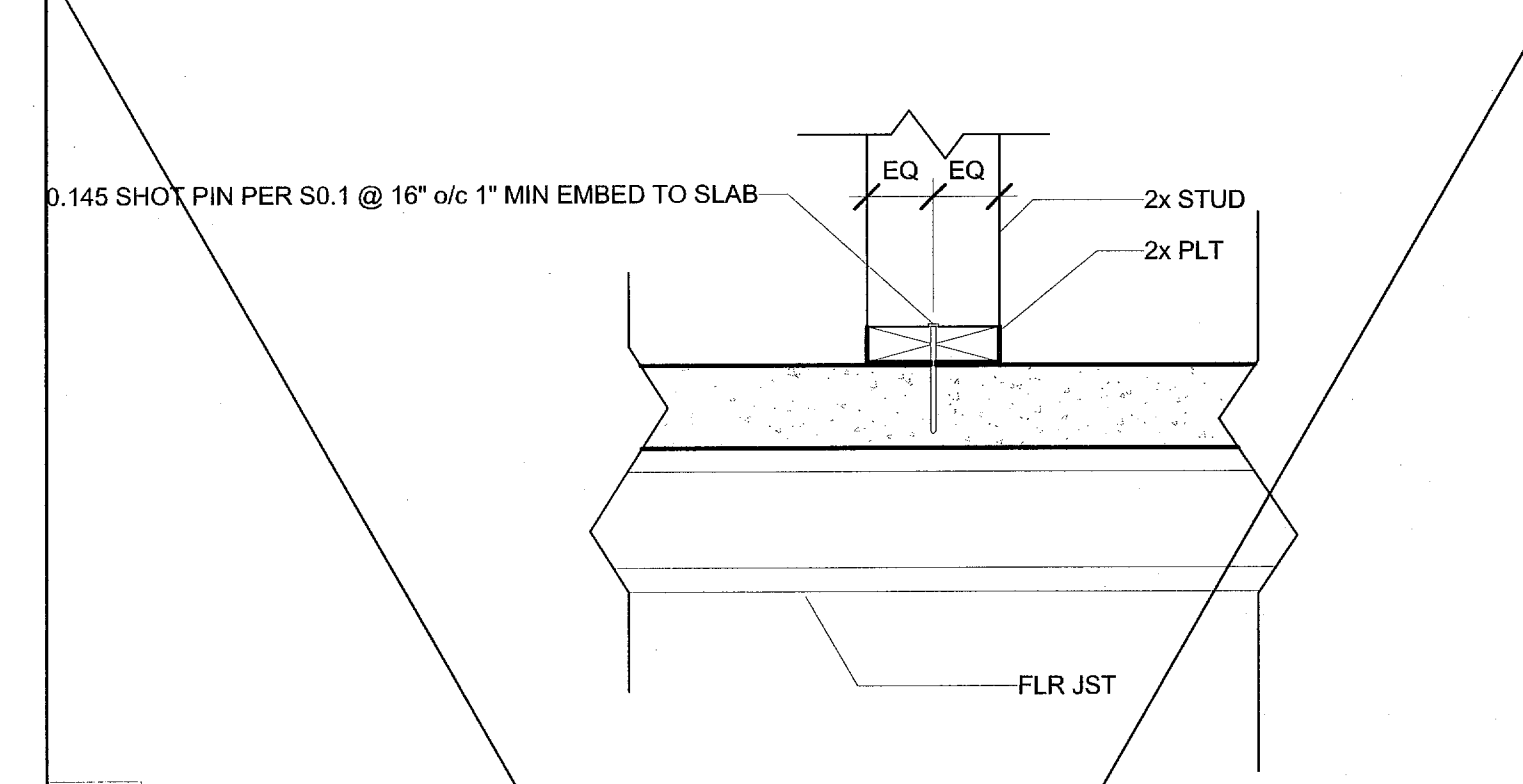
14 3" = 1'-0"
Notch Stud @ Blk'g



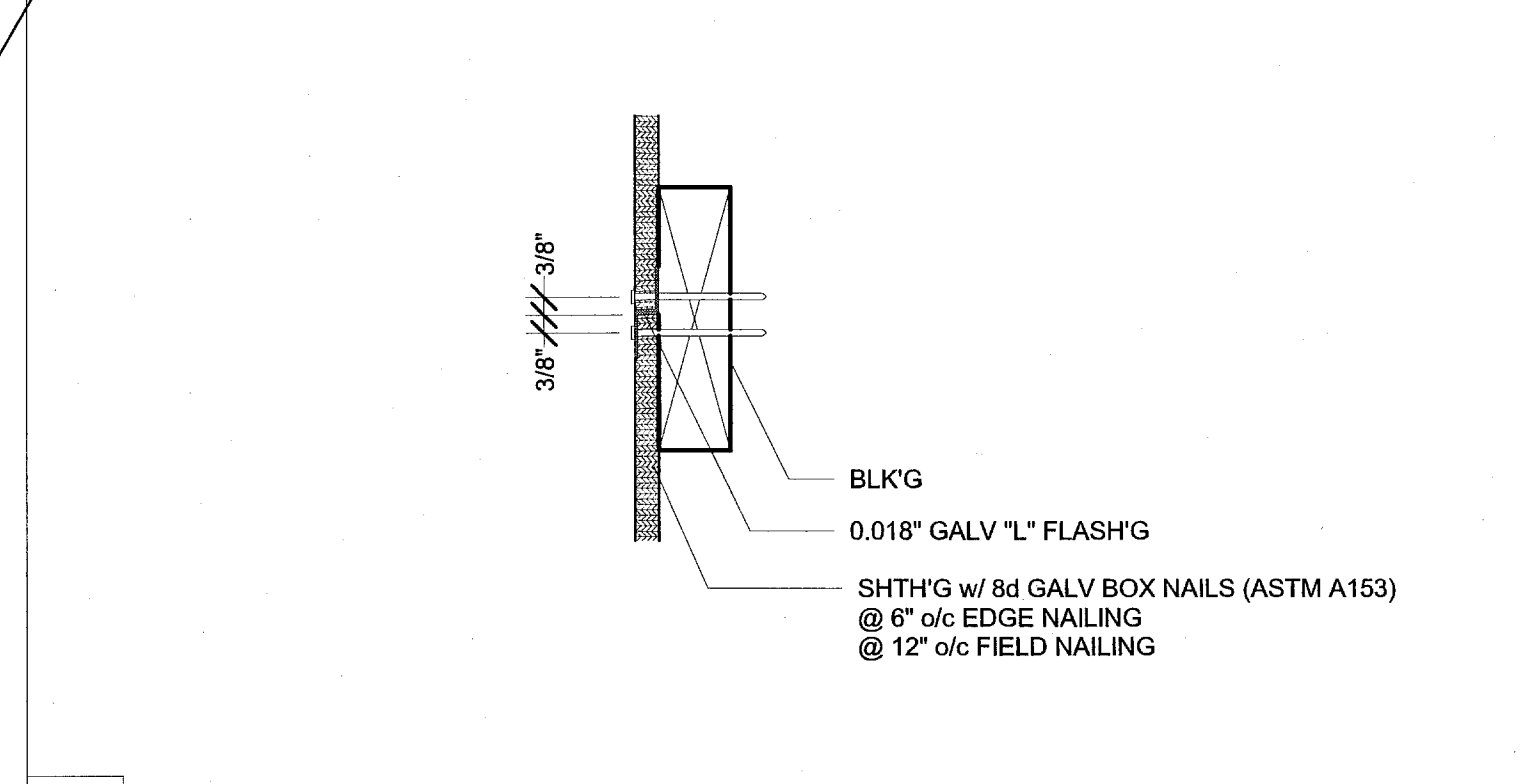
9 3" = 1'-0"
Sections - Interior Partition @ Jst (WD)



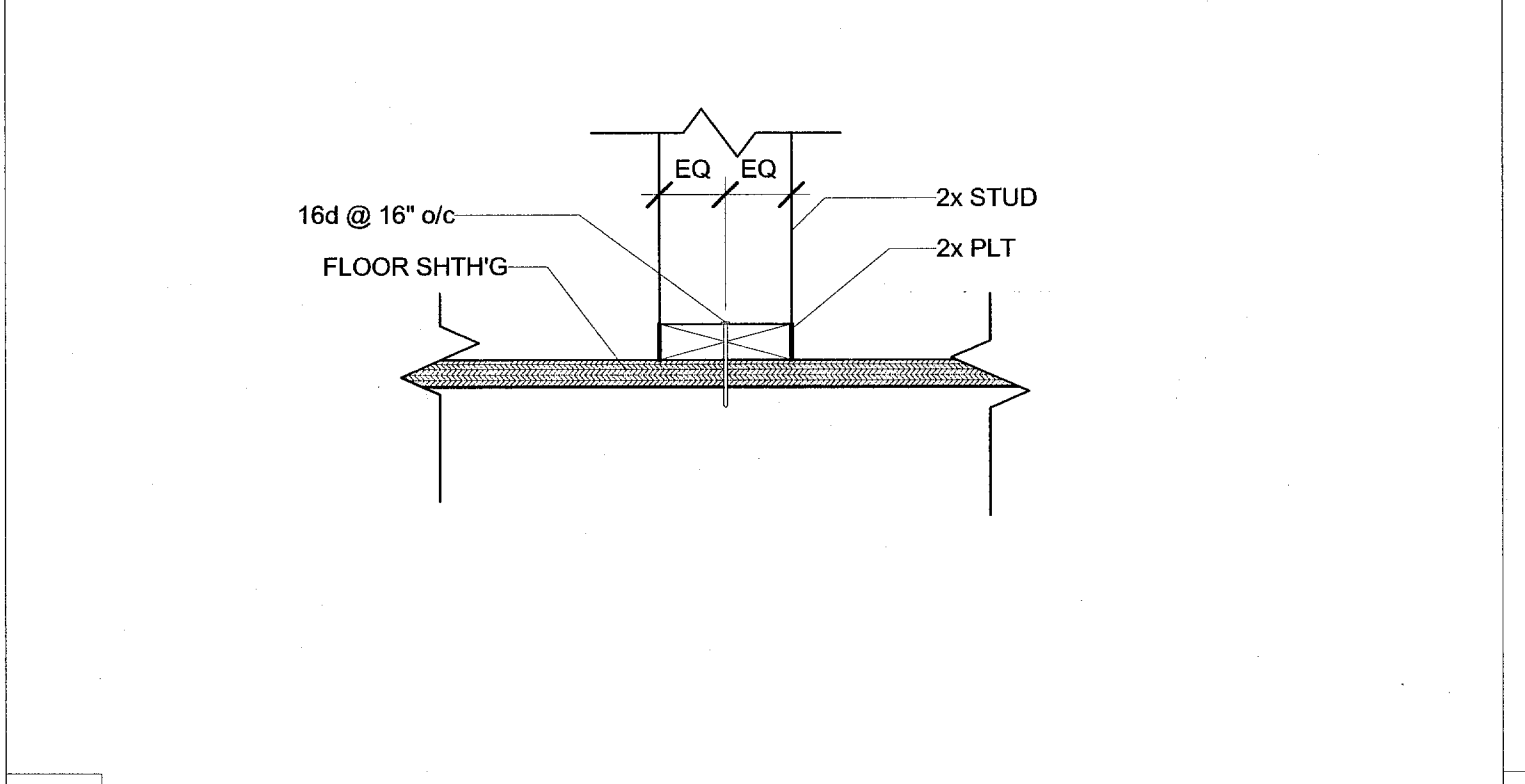
4 3" = 1'-0"
Elevation - Ext Wall Sill @ Window



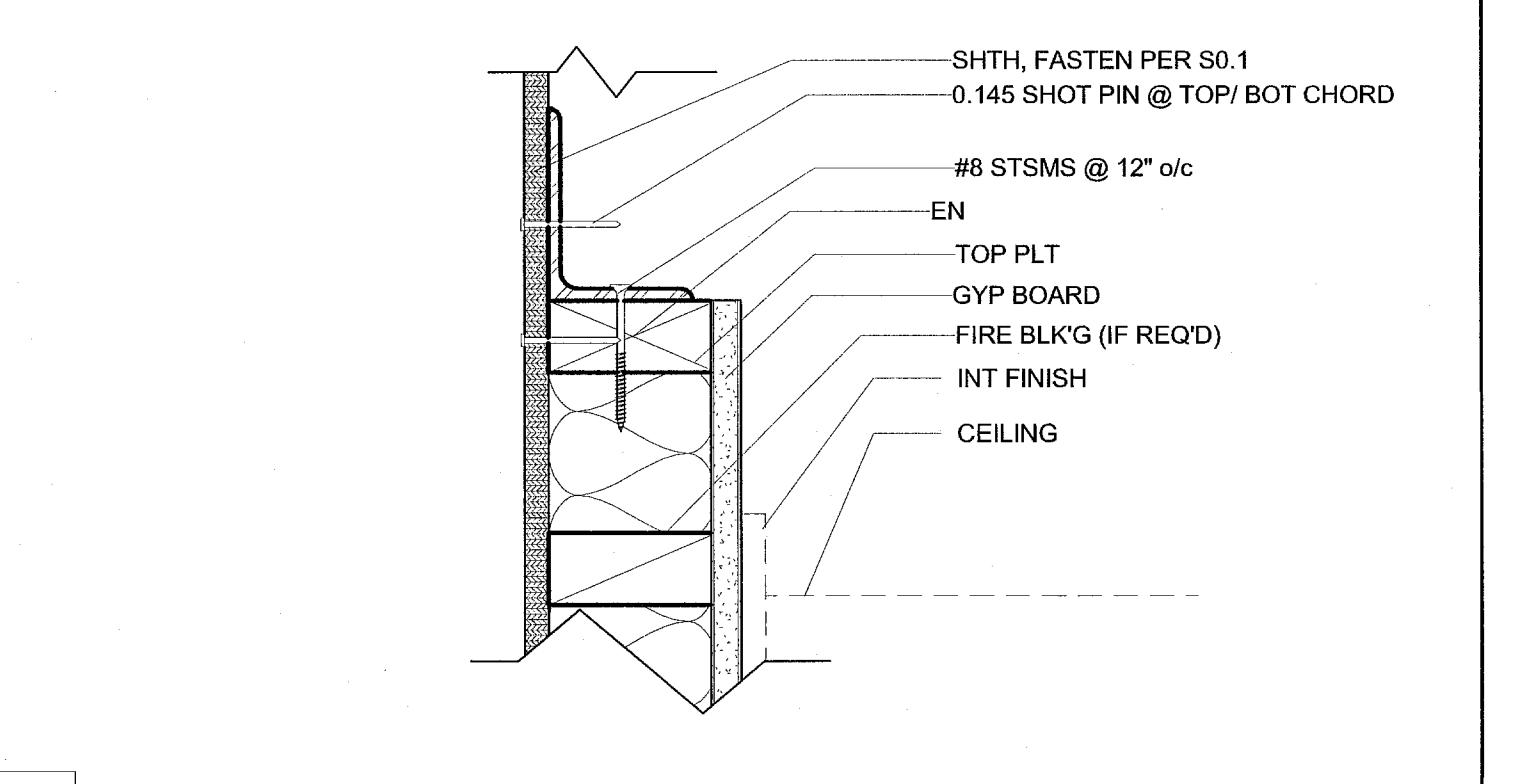
18 1 1/2" = 1'-0"
Typ Partition Sill Connection (CONC)



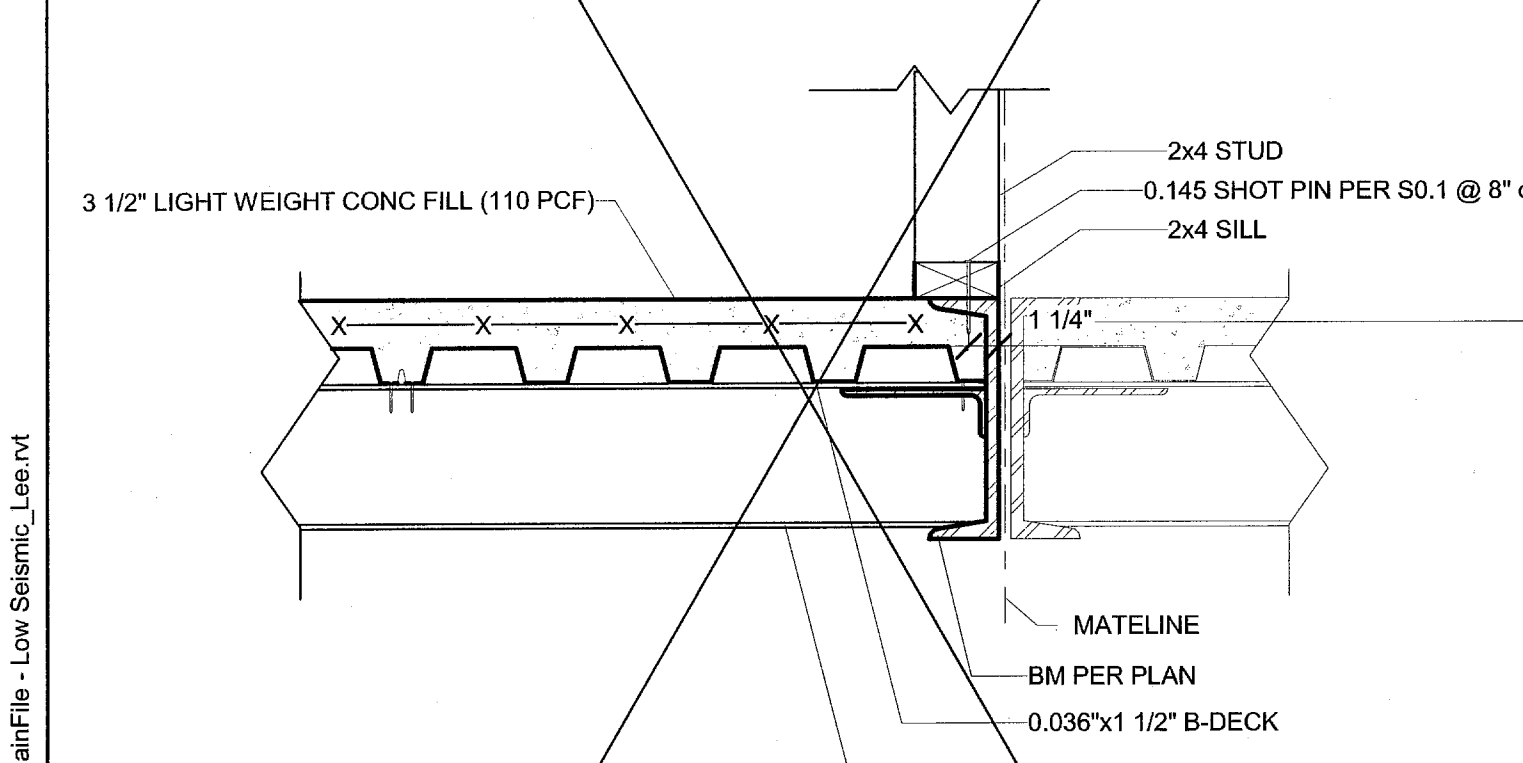
13 3" = 1'-0"
Shth'g @ Blk'g



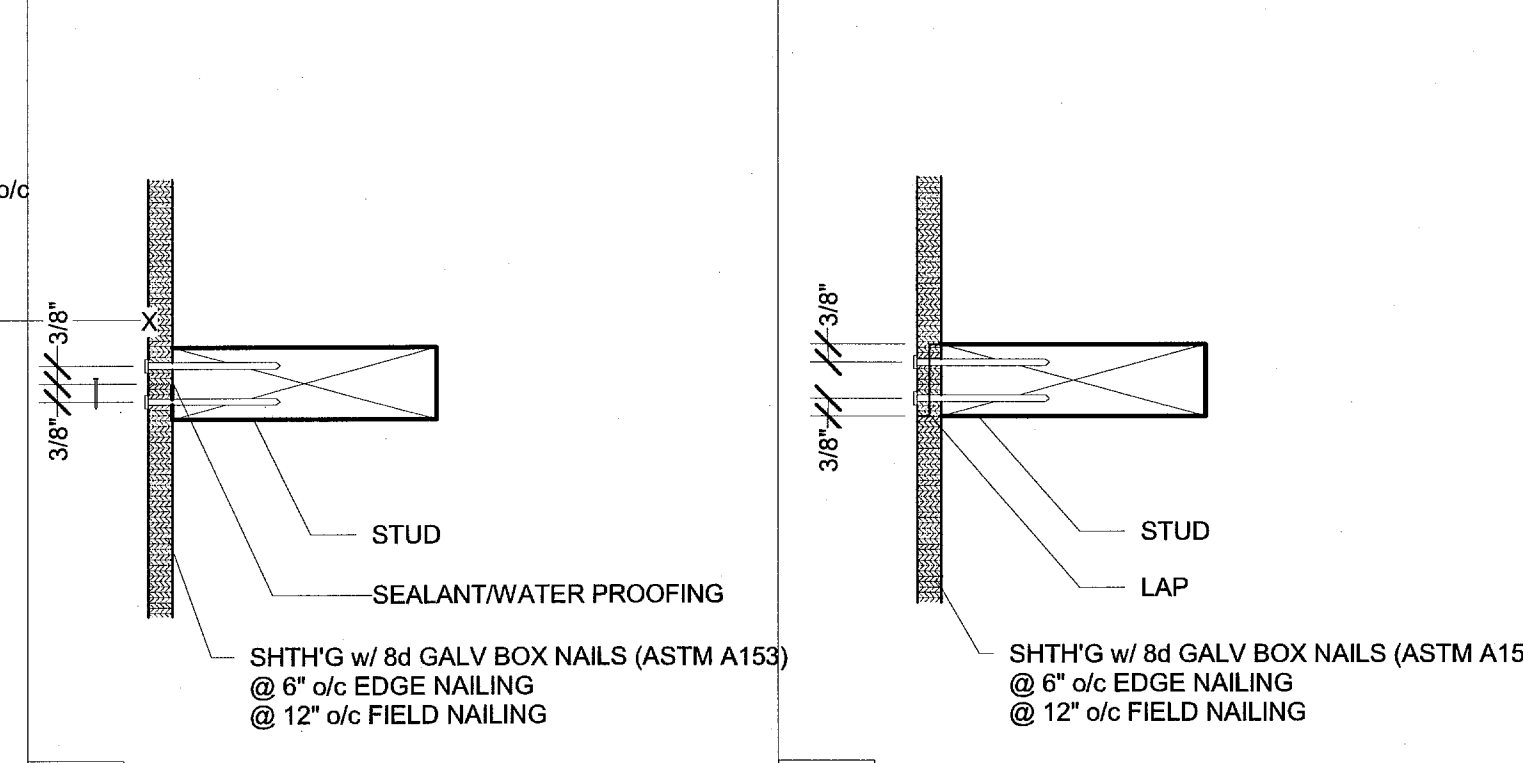
8 1 1/2" = 1'-0"
Typ Partition Sill Connection (WD)



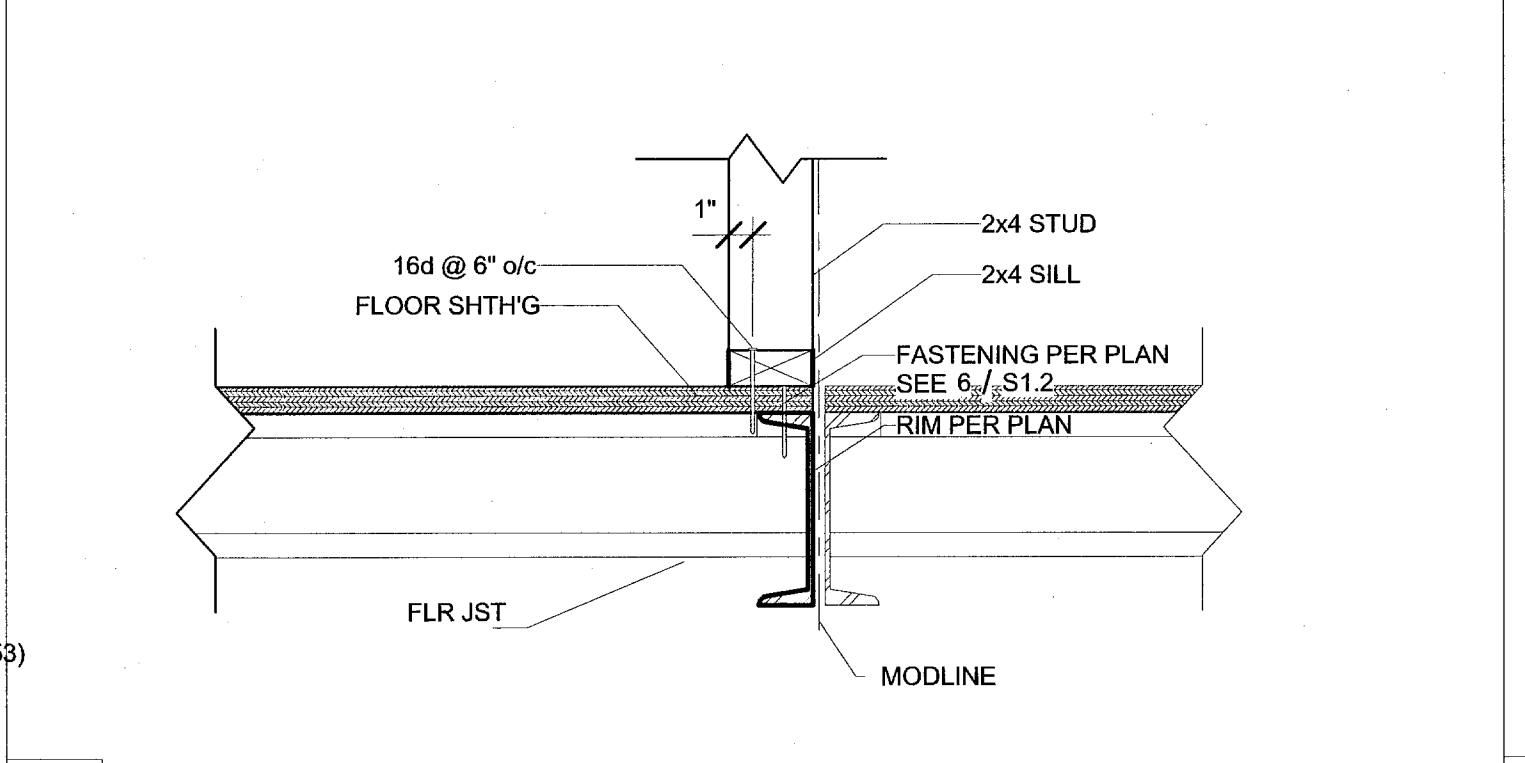
3 3" = 1'-0"
Section - Exterior Wall Top Plate @ Truss (WD)



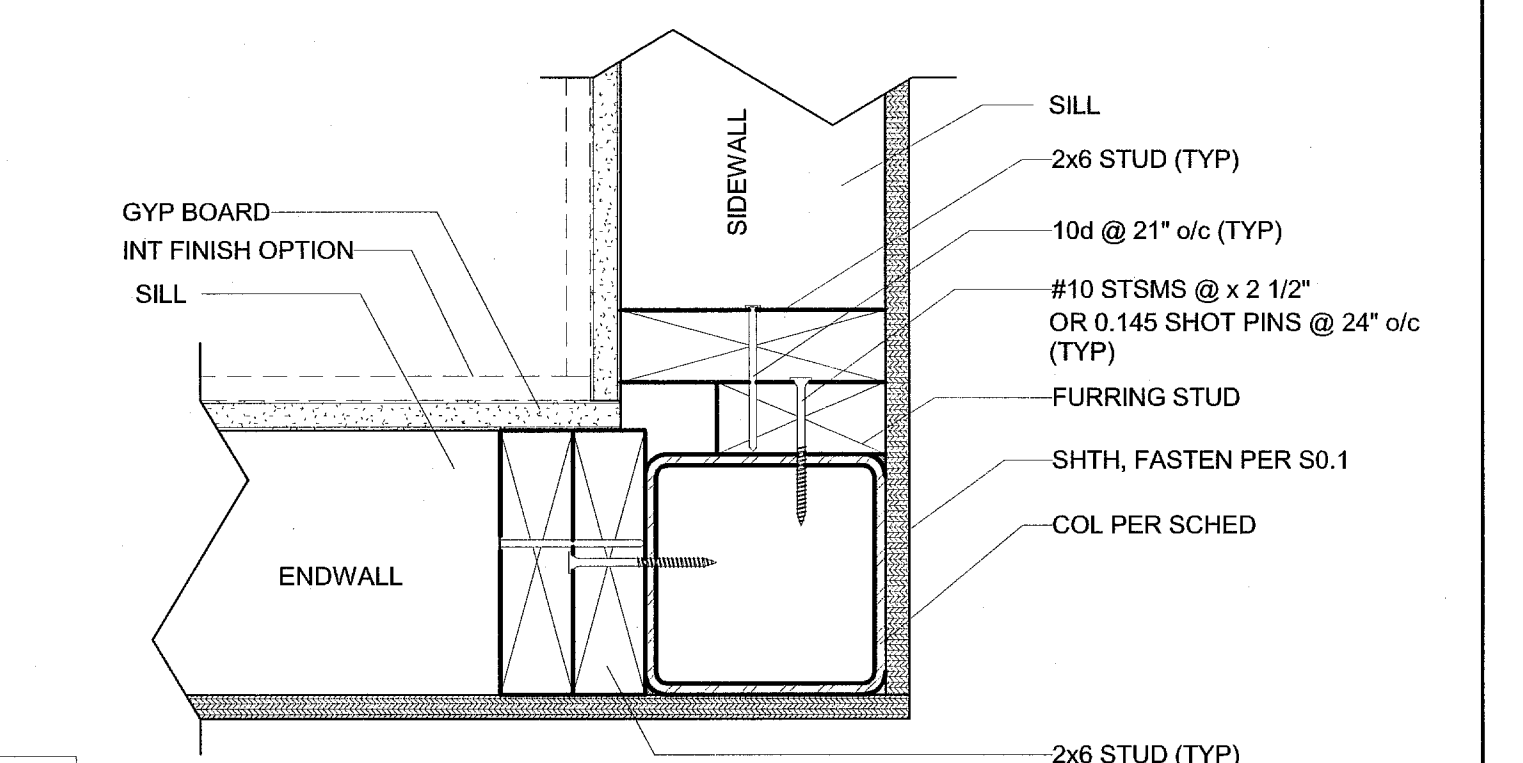
17 1 1/2" = 1'-0"
Wall Sill Pit Connection @ Interior Sidewall (CONC)



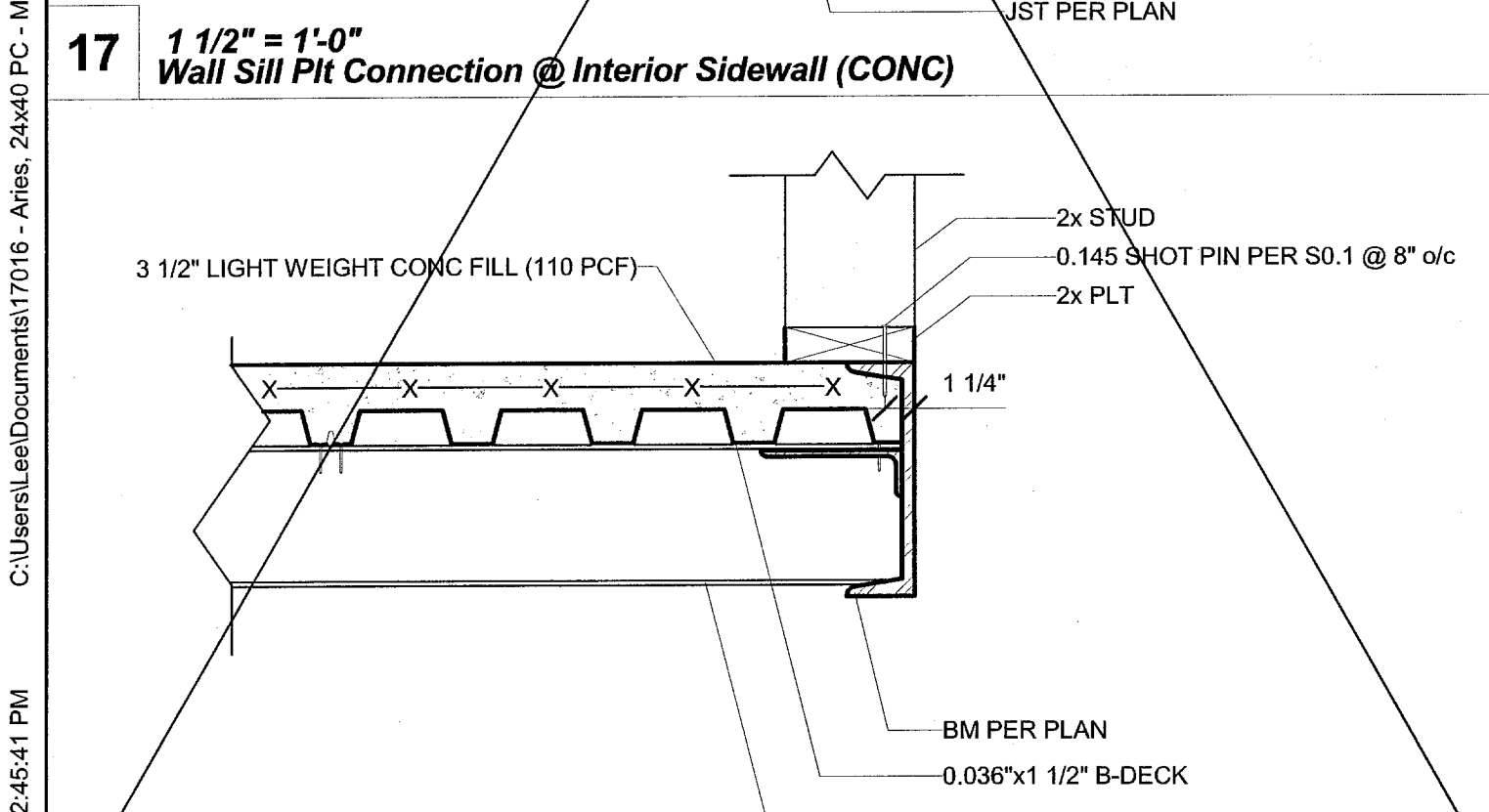
12A 3" = 1'-0"
Shth'g @ Butt Jnt



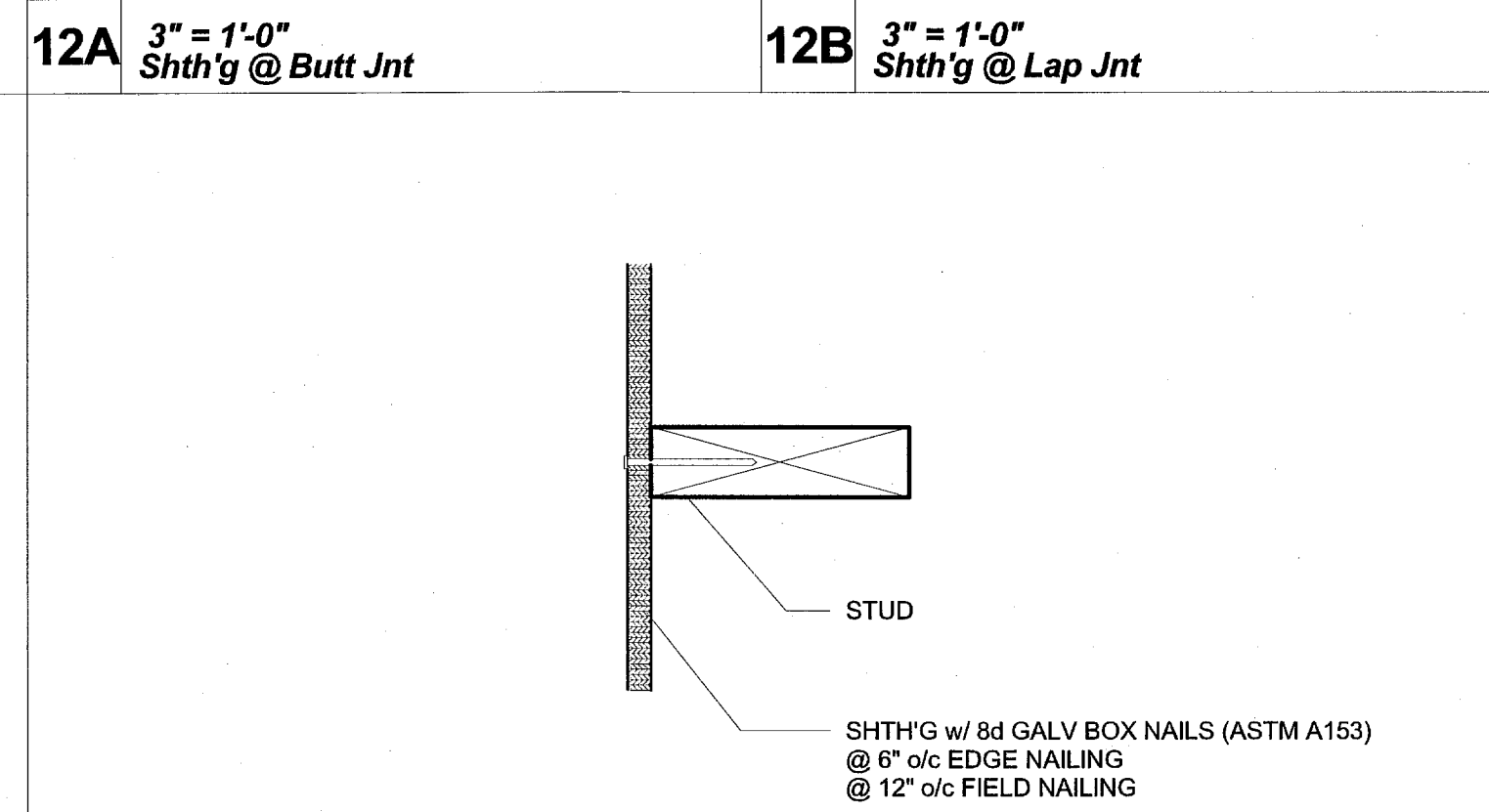
7 1 1/2" = 1'-0"
2x4 Wall Sill Connection @ Interior Sidewalls (WD)



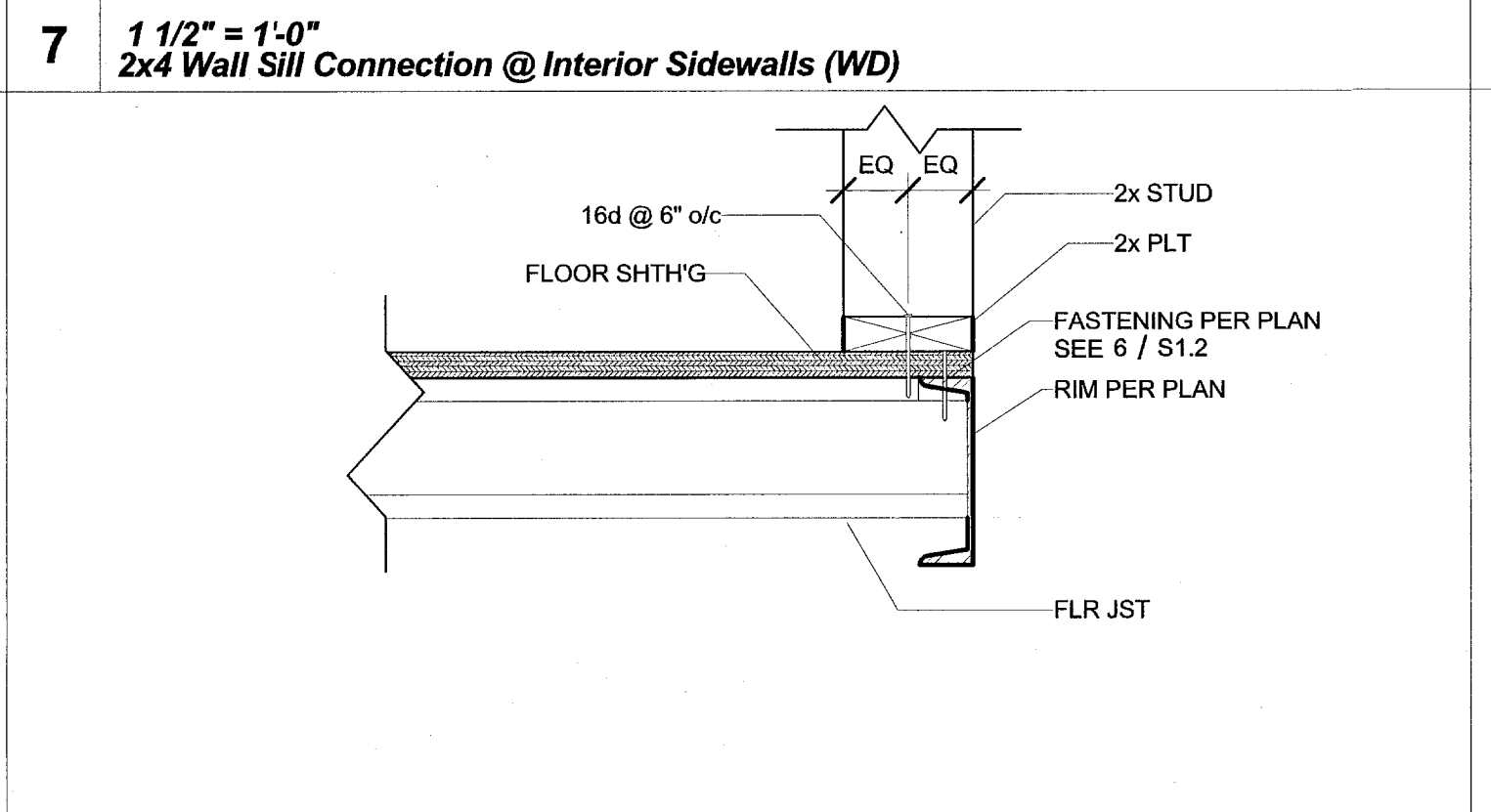
2 3" = 1'-0"
2x6 Framing @ Column (WD)



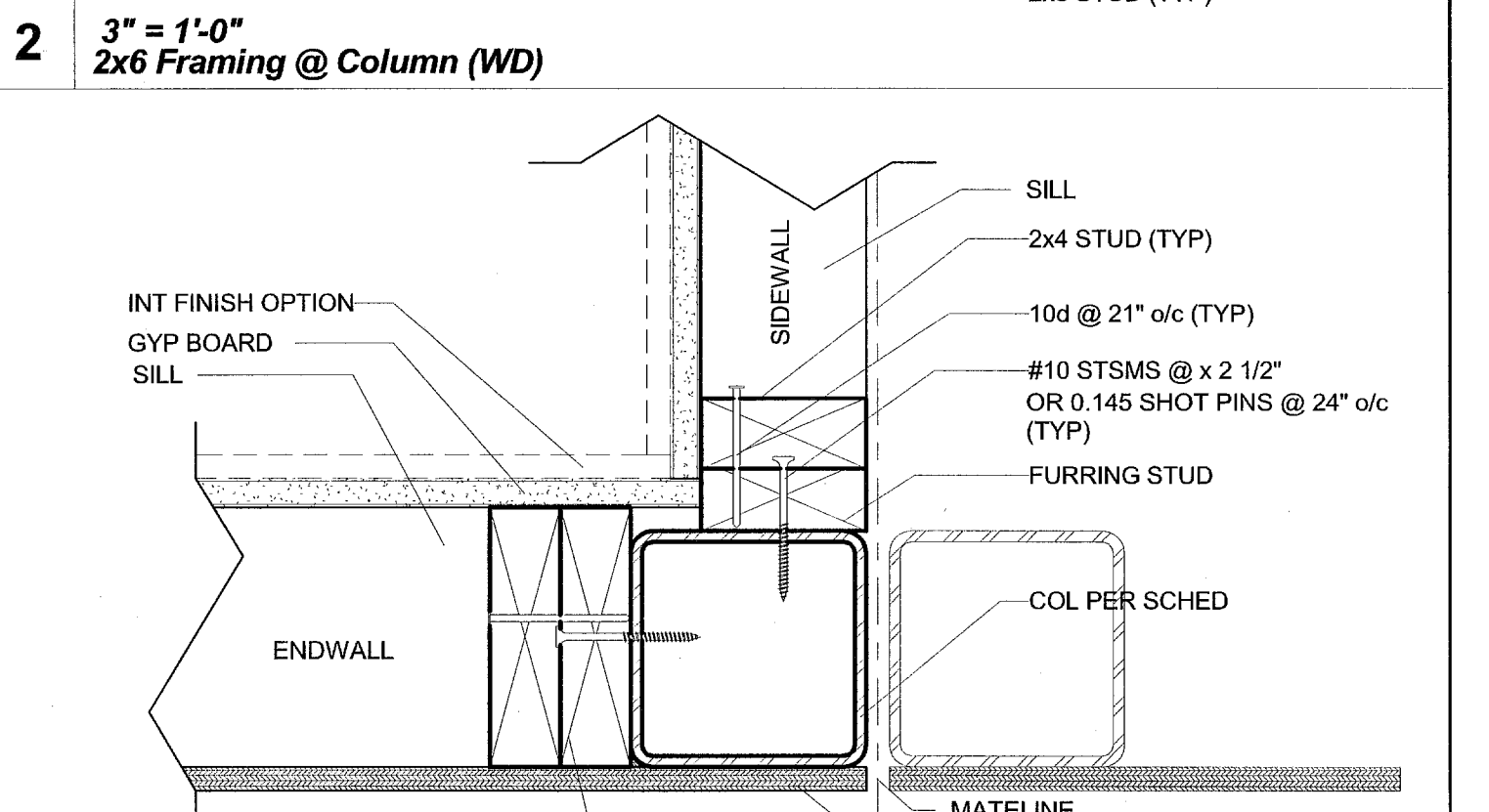
16 1 1/2" = 1'-0"
Wall Sill Pit Connection @ Exterior Rim (CONC)



12B 3" = 1'-0"
Shth'g @ Lap Jnt



6 1 1/2" = 1'-0"
Wall Sill Connection @ Exterior Rim (WD)



1 3" = 1'-0"
Interior Sidewall Framing @ Column (WD)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
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DATE: 6/29/2023

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12/19/2017

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Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC_RM_FLS_EA_SSR_KER
DATE: 07/19/2018

PROJECT TITLE
24' x 40'
EXPANDABLE TO
120' x 40'
PRE-CHECK (PC) DOCUMENT
Code: | 2016 | CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118239
ACS_FLS_SS
DATE: MAR 07 2019

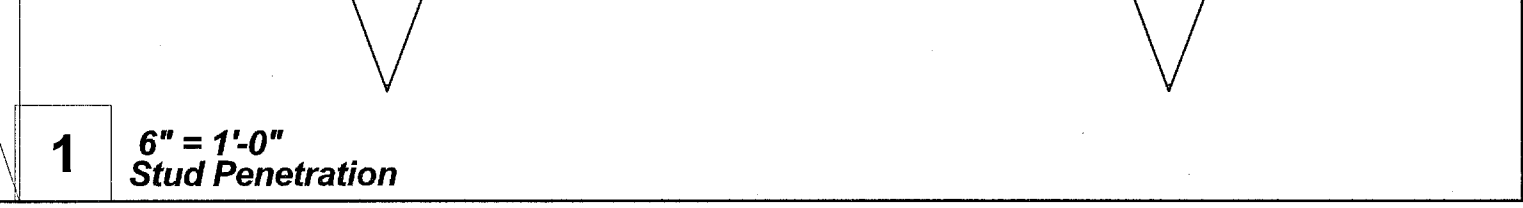
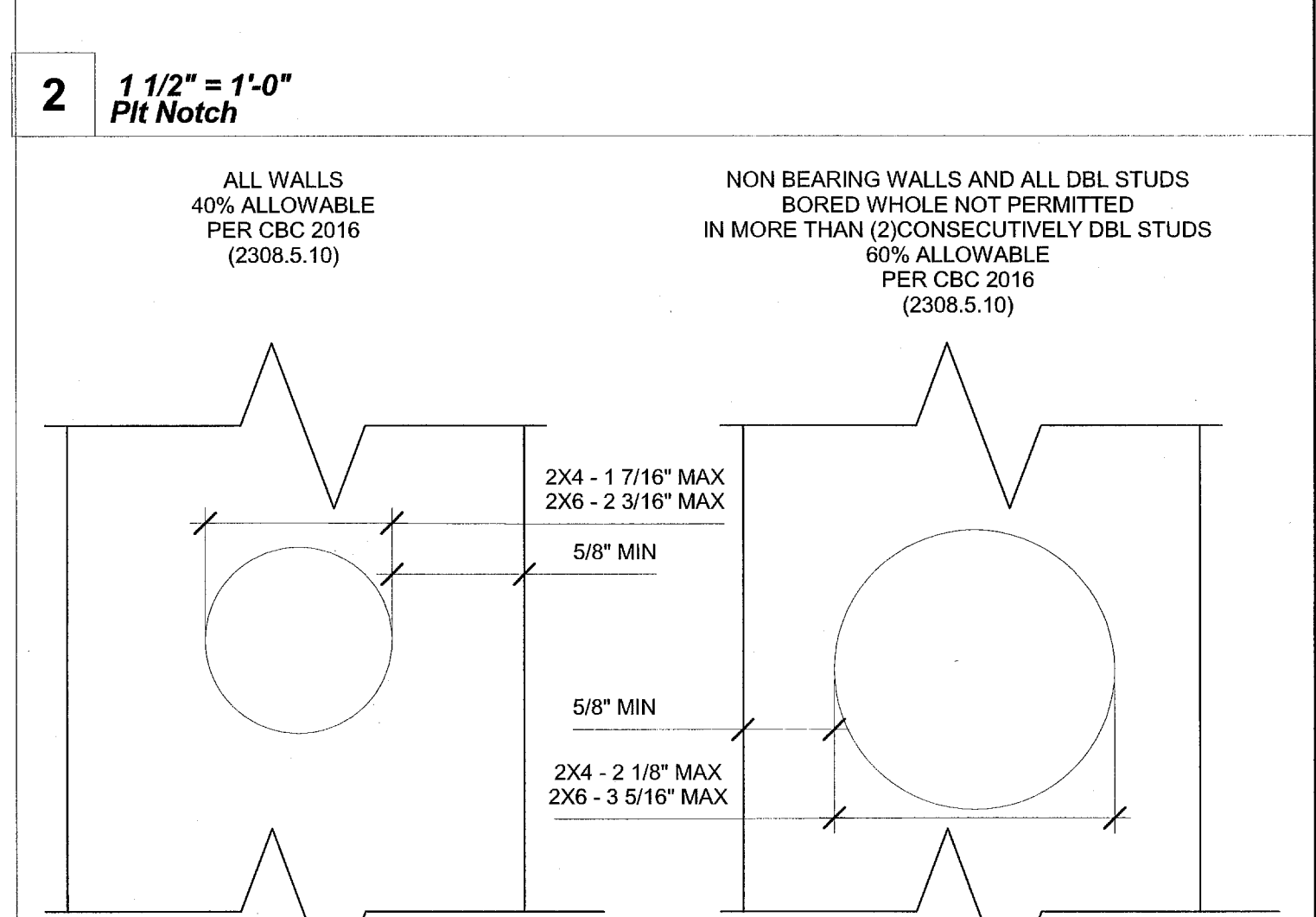
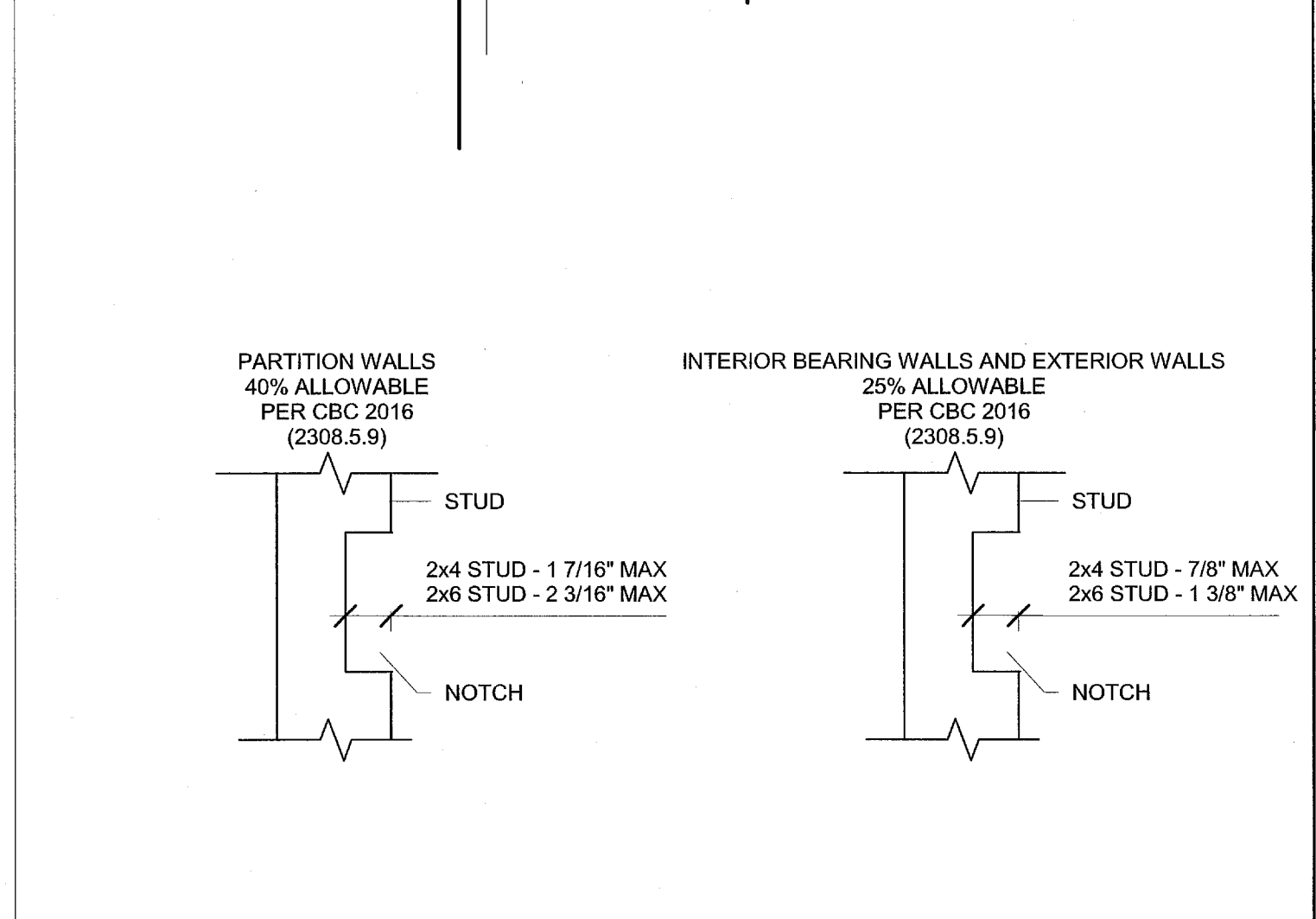
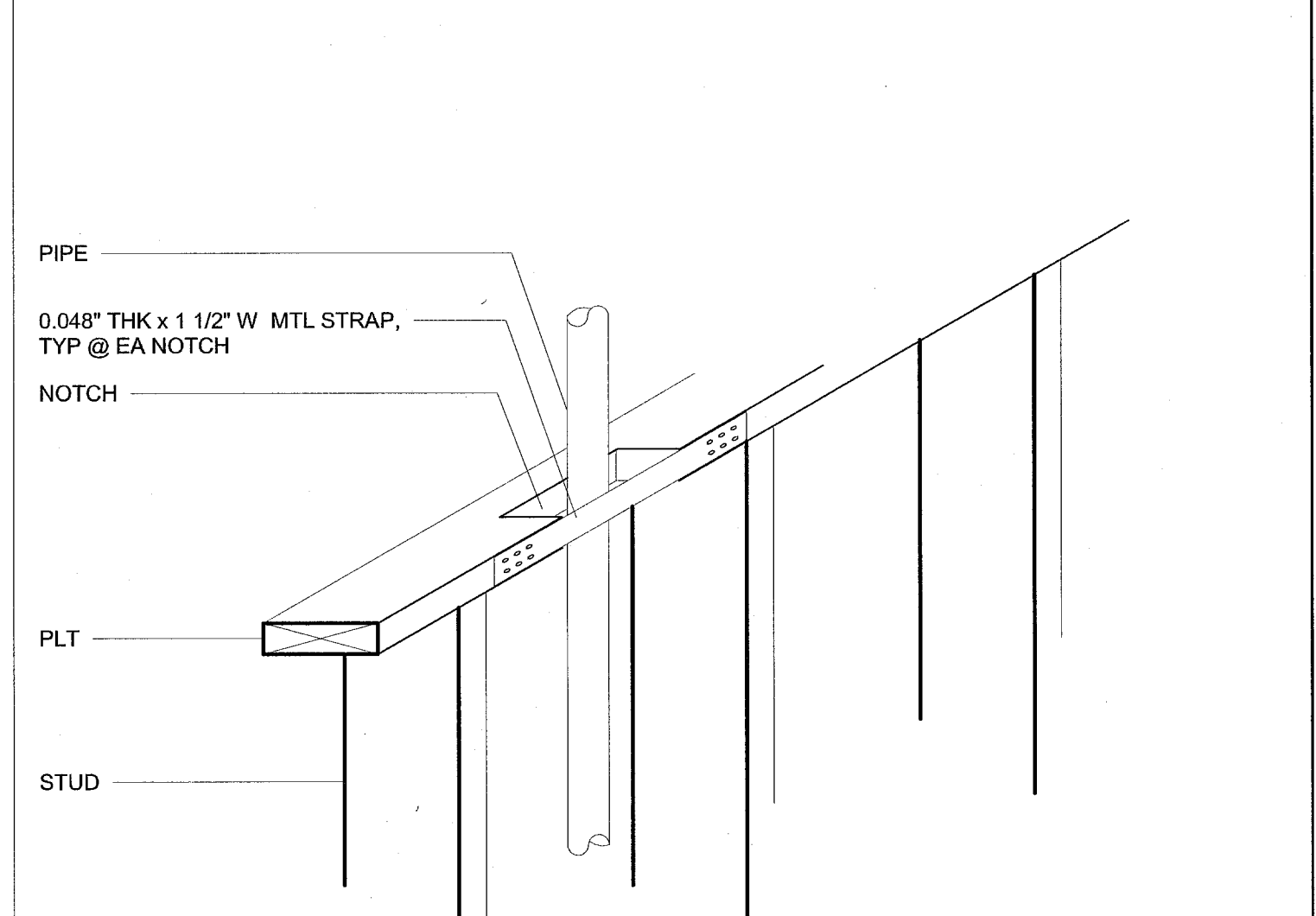
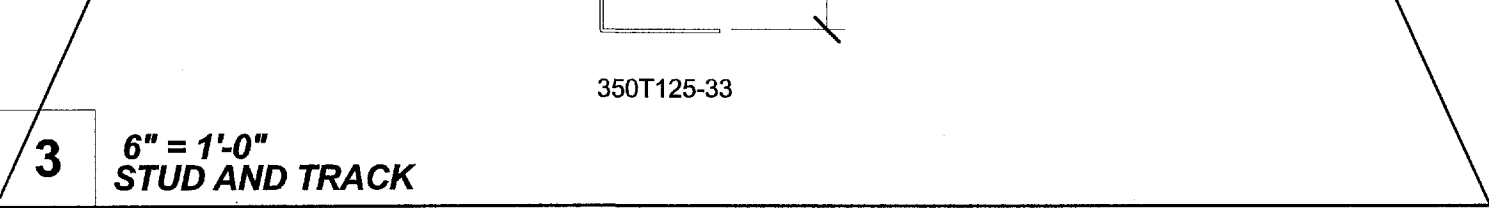
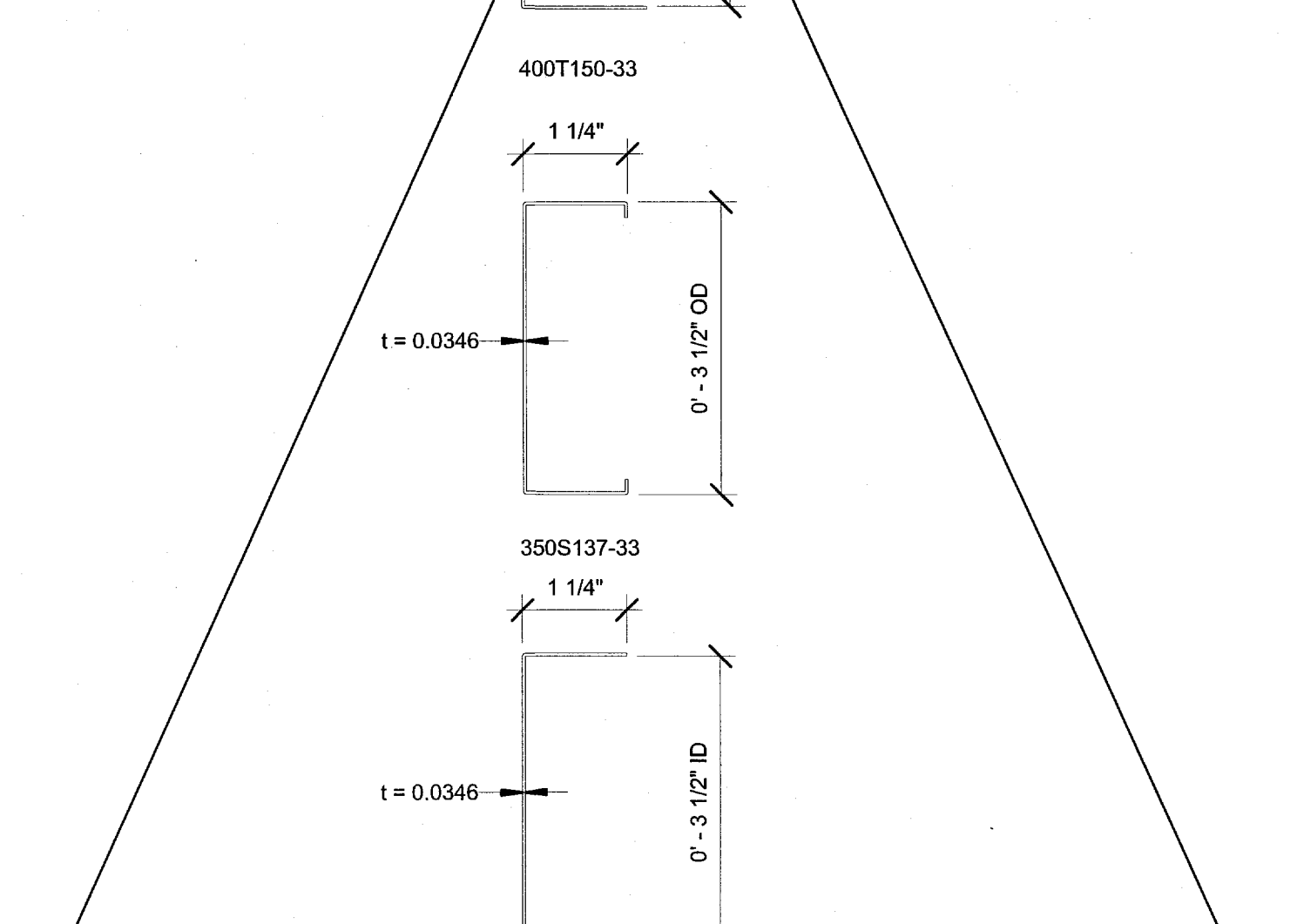
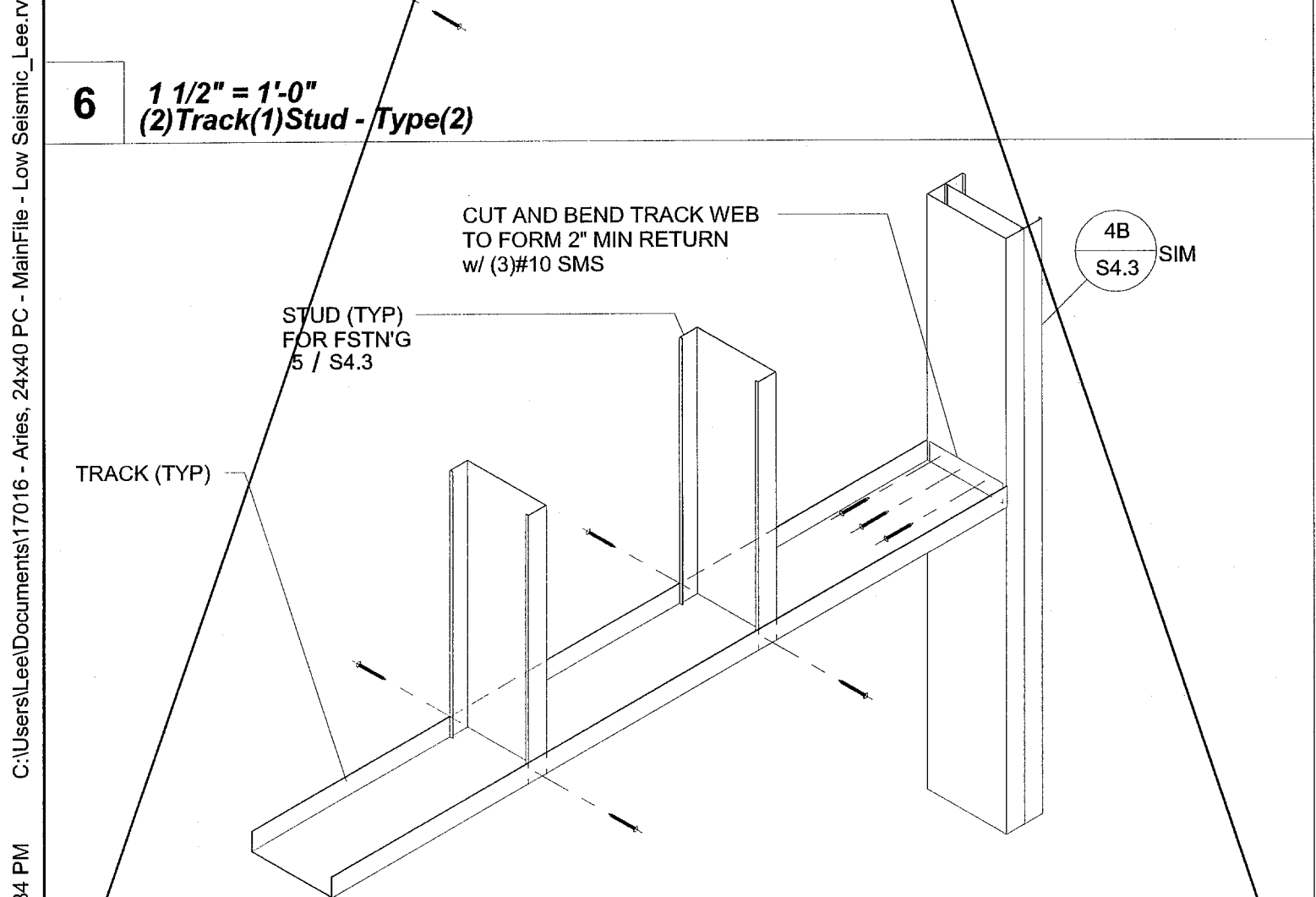
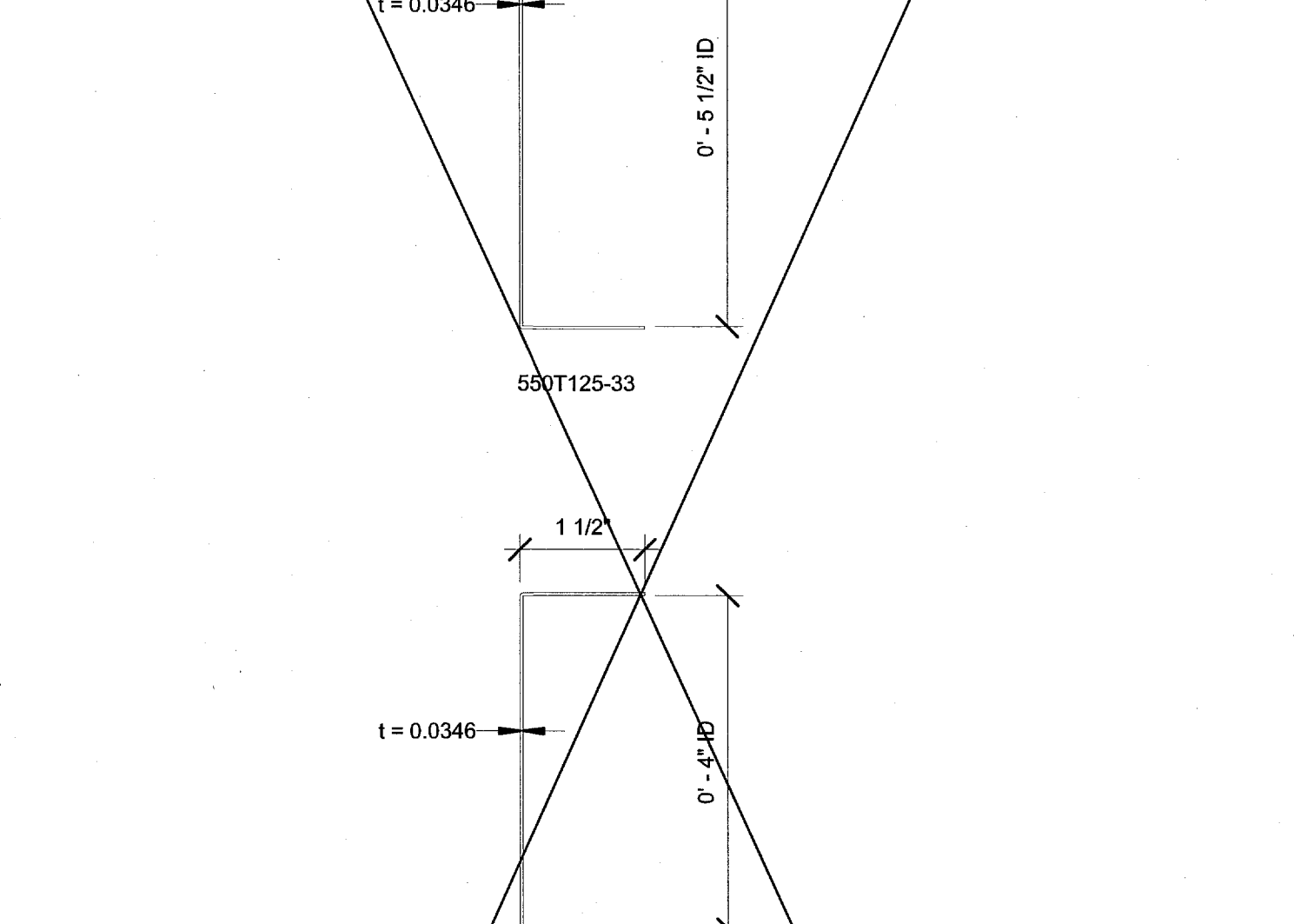
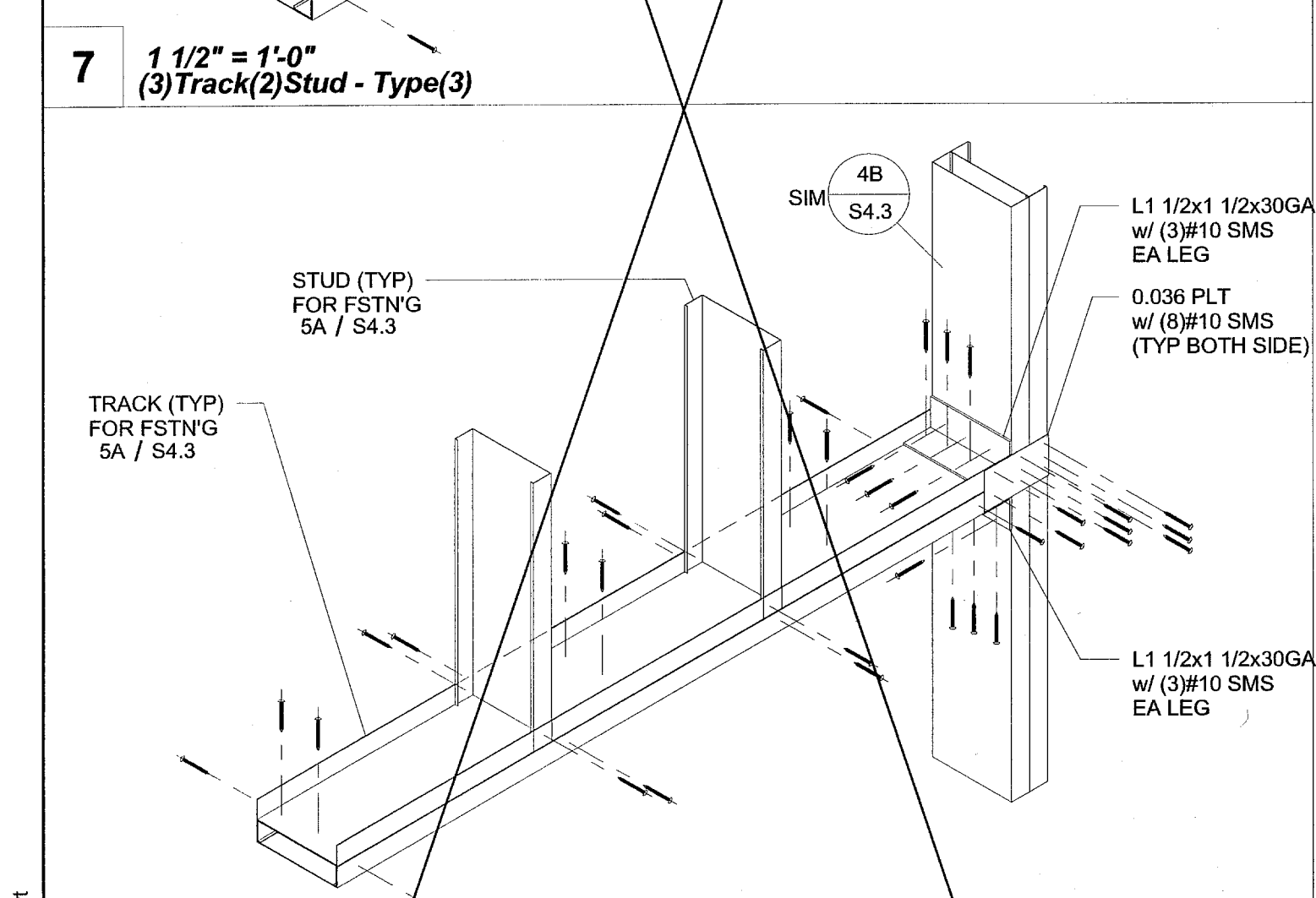
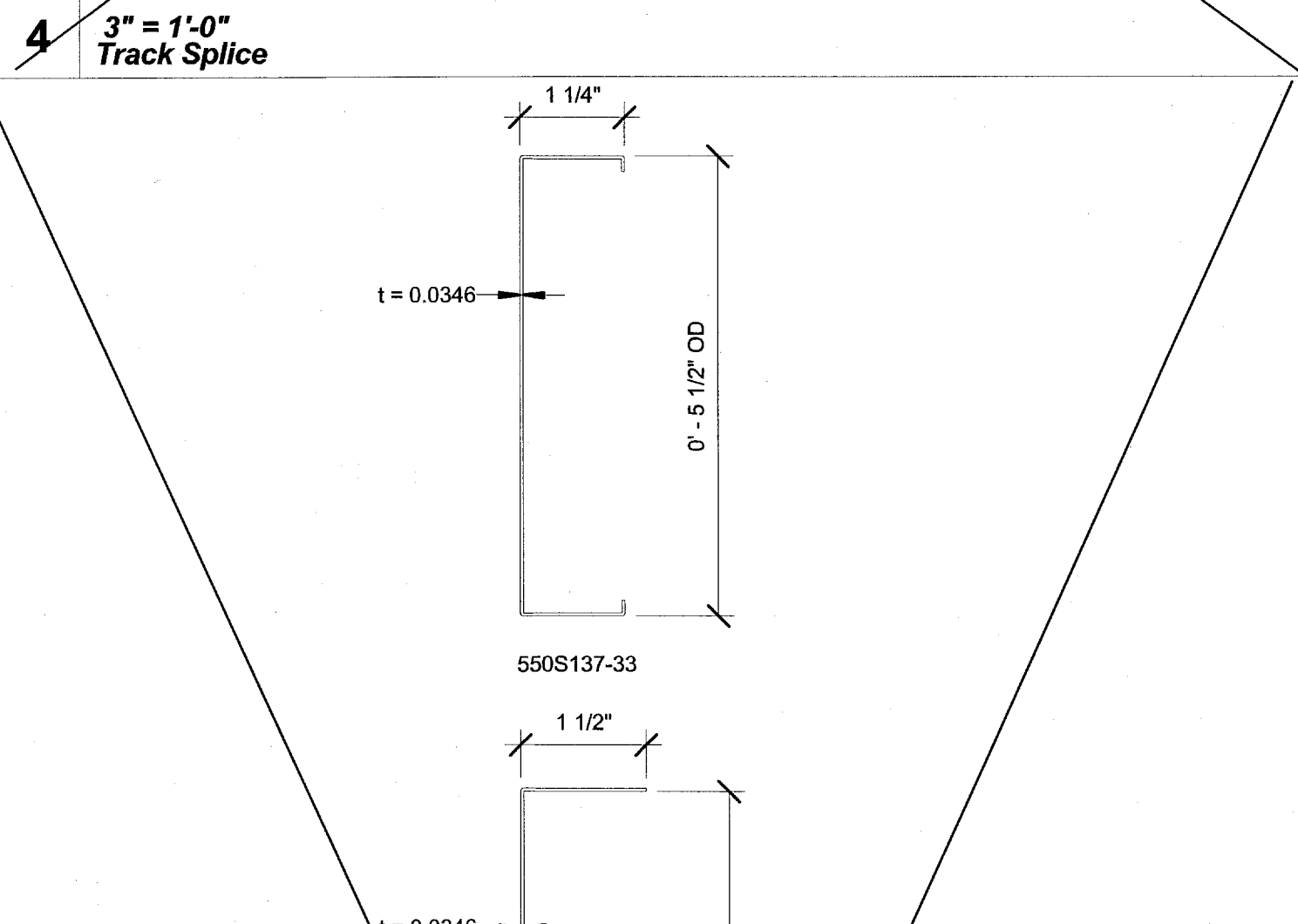
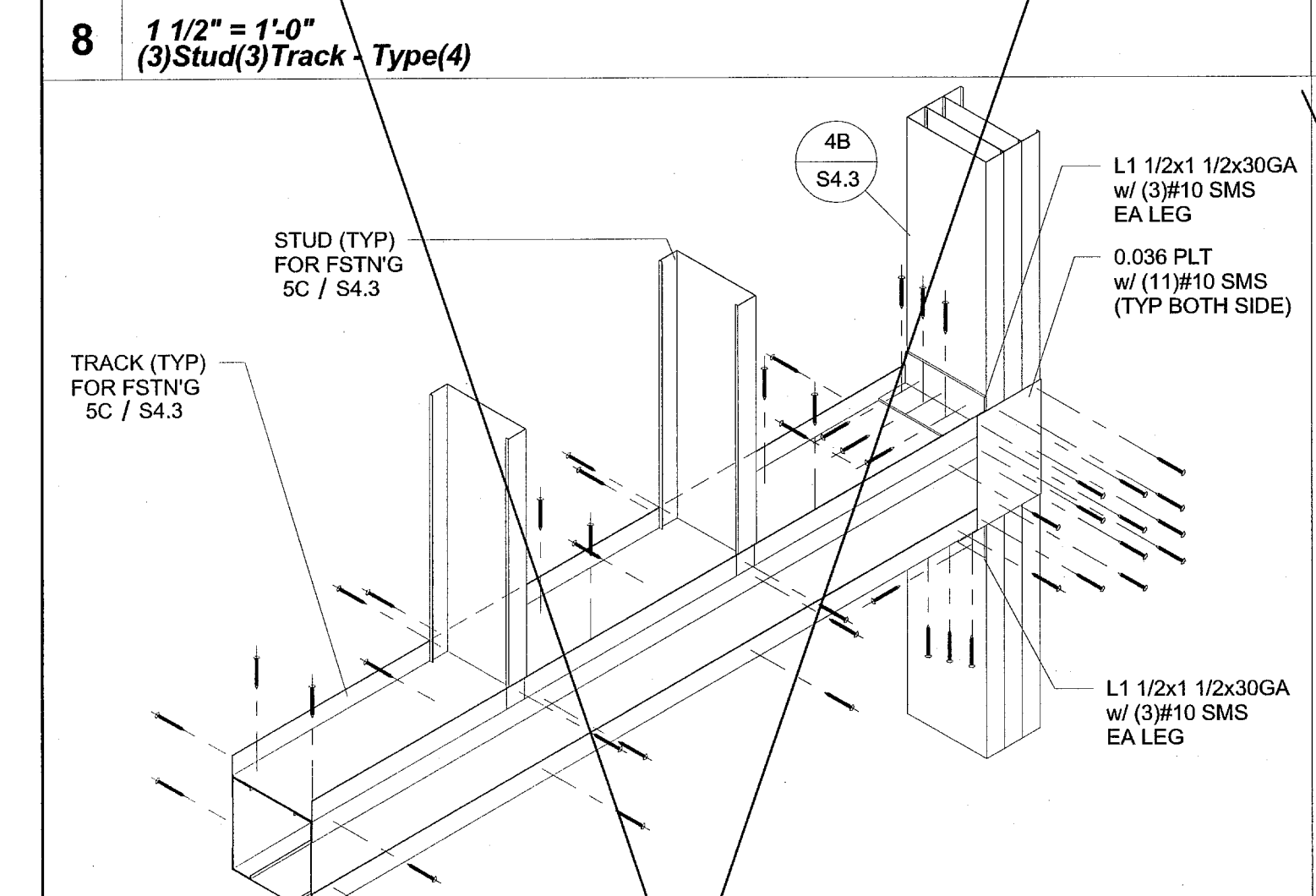
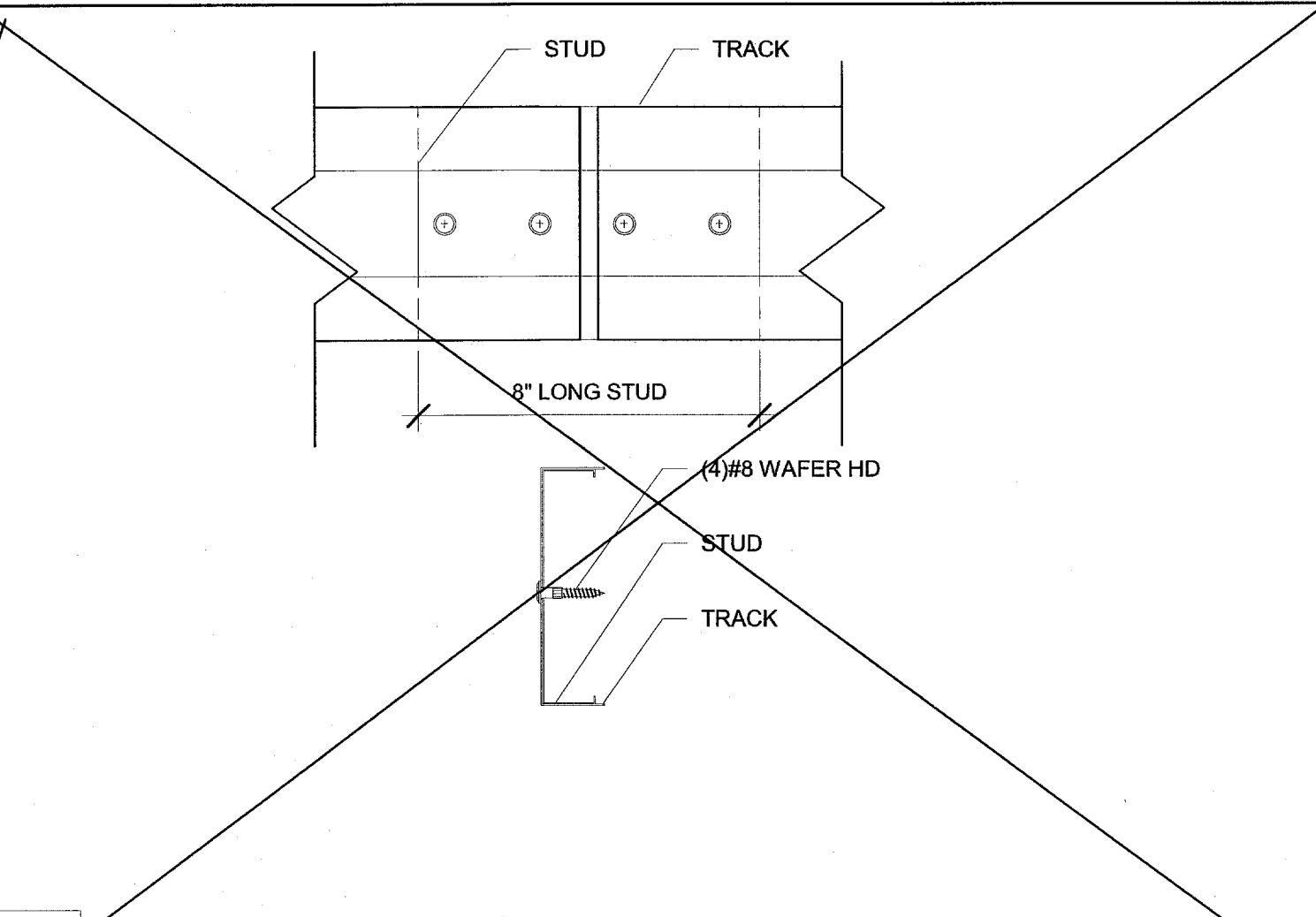
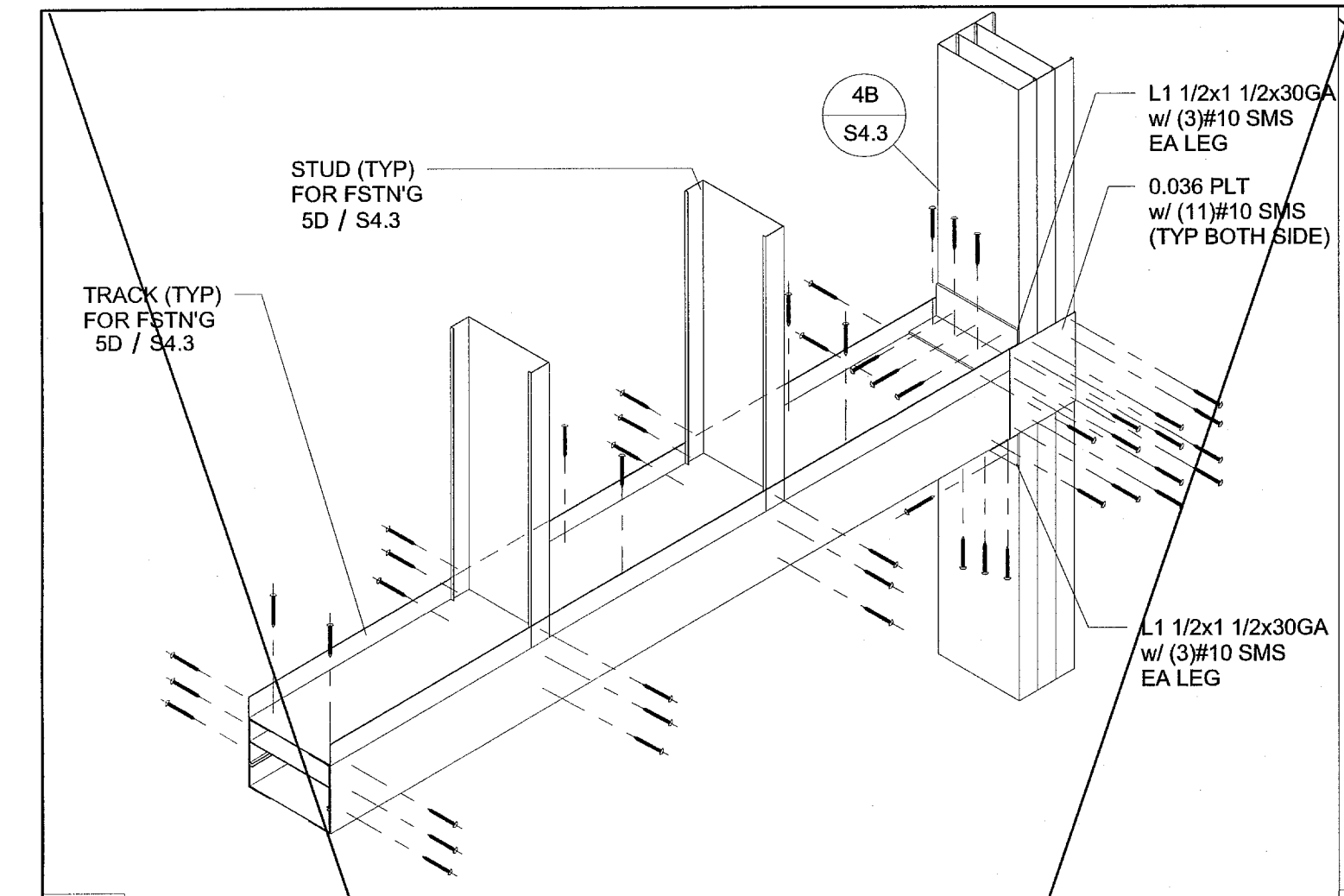
Revision Schedule

#	Description	Date

SHEET TITLE
WALL DETAILS
(WOOD FRAMING)

PROJECT NUMBER
17016A
DRAWN BY
rMc/SC
CHECKED BY
JA/RT
DATE
2017/06/05
SHEET NO.
S4.2
SHEET OF SHEETS

1/4/2018 2:45:41 PM C:\Users\Lee\Documents\17016 - Arieta, 24x40 PC - MainFile - Low Schematic_Lea.rvt



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APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

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12/19/2017

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ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-328
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INC: 0
AC RM FLS EA SR KER
DATE: 07/19/2018

PROJECT TITLE
**24' x 40'
EXPANDABLE TO
120' x 40'**
PRE-CHECK (PC) DOCUMENT
Code: 1 2016 CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
~~IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118233
ACS FLS SS
DATE MAR 07 2013~~

Revision Schedule

#	Description	Date

SHEET TITLE
TYP FRAMING

PROJECT NUMBER
17016A
DRAWN BY
rMc/SC
CHECKED BY
JA/RT
DATE
2017/06/05
SHEET NO.
S4.4
SHEET OF SHEETS

12/18/2017 6:02:34 PM C:\Users\Lee\Documents\17016 - Aries, 24x40 PC - MainFile - Low Seismic_Lee.rvt

COL HEIGHT	OPN'G SIZE	HDR			SILL			FULL HEIGHT KING STUD		
		Lumber	Number	Type	Lumber	Number	Type	Lumber	Number	Type
9FT	3070	HF	1	#2	-	-	-	HF	2	#2
		DF	1	#2	-	-	-	DF	2	#2
	4070	HF	1	#2	-	-	-	HF	2	#2
		DF	1	#2	-	-	-	DF	2	#2
	6040	HF	2	#2	DF	2	#2	HF	2	#2
		DF	2	#2	DF	2	#2	DF	2	#2
8040	HF	3	#2	HF	3	#2	HF	2	#2	
	DF	3	#2	DF	3	#2	DF	2	#2	
10FT	3070	HF	1	#2	-	-	-	HF	2	#2
		DF	1	#2	-	-	-	DF	2	#2
	4070	HF	1	#2	-	-	-	HF	2	#2
		DF	1	#2	-	-	-	DF	2	#2
	6040	HF	2	#2	HF	2	#2	HF	2	#2
		DF	2	#2	DF	2	#2	DF	2	#2
	8040	HF	3	#2	HF	3	#2	HF	2	#2
		DF	3	#2	DF	3	#2	DF	2	#2

COL HEIGHT	OPN'G SIZE	HDR			SILL			FULL HEIGHT KING STUD		
		Lumber	Number	Type	Lumber	Number	Type	Lumber	Number	Type
9FT	3070	HF	1	#2	HF	1	#2	HF	1	#2
		DF	1	#2	DF	1	#2	DF	1	#2
	4070	HF	1	#2	HF	1	#2	HF	1	#2
		DF	1	#2	DF	1	#2	DF	1	#2
	6040	HF	1	#2	HF	1	#2	HF	1	#2
		DF	1	#2	DF	1	#2	DF	1	#2
8040	HF	2	#2	HF	1	#2	HF	2	#2	
	DF	2	#2	DF	1	#2	DF	2	#2	
10FT	3070	HF	1	#2	HF	1	#2	HF	1	#2
		DF	1	#2	DF	1	#2	DF	1	#2
	4070	HF	1	#2	HF	1	#2	HF	1	#2
		DF	1	#2	DF	1	#2	DF	1	#2
	6040	HF	2	#2	HF	1	#2	HF	2	#2
		DF	2	#2	DF	1	#2	DF	2	#2
	8040	HF	3	#2	HF	1	#2	HF	2	#2
		DF	3	#2	DF	1	#2	DF	2	#2

COL HEIGHT	OPN'G SIZE	HDR			SILL			FULL HEIGHT KING STUD		
		Lumber	Number	Type	Lumber	Number	Type	Lumber	Number	Type
9FT	3070	HF	1	#2	HF	1	#2	HF	1	#2
		DF	1	#2	DF	1	#2	DF	1	#2
	4070	HF	1	#2	HF	1	#2	HF	1	#2
		DF	1	#2	DF	1	#2	DF	1	#2
	6040	HF	2	#2	HF	1	#2	HF	2	#2
		DF	2	#2	DF	1	#2	DF	1	#2
8040	HF	3	#2	HF	1	#2	HF	2	#2	
	DF	3	#2	DF	1	#2	DF	2	#2	
10FT	3070	HF	1	#2	HF	1	#2	HF	2	#2
		DF	1	#2	DF	1	#2	DF	1	#2
	4070	HF	1	#2	HF	1	#2	HF	2	#2
		DF	1	#2	DF	1	#2	DF	1	#2
	6040	HF	2	#2	HF	1	#2	HF	2	#2
		DF	2	#2	DF	1	#2	DF	2	#2
	8040	HF	3	#2	HF	1	#2	HF	2	#2
		DF	3	#2	DF	1	#2	DF	2	#2

COL HEIGHT	Typical Location				4ft From Building Corner			
	Lumber	Number	Type	Spacing	Lumber	Number	Type	Spacing
9	HF	1	#2	16" O.C.	-	-	-	-
	DF	1	#2	16" O.C.	-	-	-	-
10	HF	1	#2	16" O.C.	-	-	-	-
	DF	1	#2	16" O.C.	-	-	-	-

COL HEIGHT	Typical Location				4.8ft From Building Corner			
	Lumber	Number	Type	Spacing	Lumber	Number	Type	Spacing
9	HF	1	#2	16" O.C.	HF	1	#2	16" O.C.
	DF	1	#2	16" O.C.	DF	1	#2	16" O.C.
10	HF	1	#2	16" O.C.	HF	1	#2	16" O.C.
	DF	1	#2	16" O.C.	DF	1	#2	16" O.C.

COL HEIGHT	Typical Location				4.8ft From Building Corner			
	Lumber	Number	Type	Spacing	Lumber	Number	Type	Spacing
9	HF	1	#2	16" O.C.	HF	1	#2	16" O.C.
	DF	1	#2	16" O.C.	DF	1	#2	16" O.C.
10	HF	1	#2	16" O.C.	HF	1	#2	16" O.C.
	DF	1	#2	16" O.C.	DF	1	#2	16" O.C.

NOTE: SEE DETAIL 1 ON SHEETS A2.1 - A2.8

Col Ht	Opn'g Size	HDR		SILL		FULL HEIGHT KING STUD		
		Type	Reference	Type	Reference	Type	Num.	Size
9'-0"	3070	1	5	N/A	N/A	Stud	(2)	350S137-33
	4070	1	5	N/A	N/A	Stud	(2)	350S137-33
	6040	2	6	2	6	Stud	(3)	350S137-33
	8040	3	8	3	8	Stud	(3)	350S137-33
10'-0"	3070	1	5	N/A	N/A	Stud	(2)	350S137-33
	4070	2	5	N/A	N/A	Stud	(2)	350S137-33
	6040	2	6	2	6	Stud	(3)	350S137-33
	8040	4	8	4	8	Stud	(4)	350S137-33

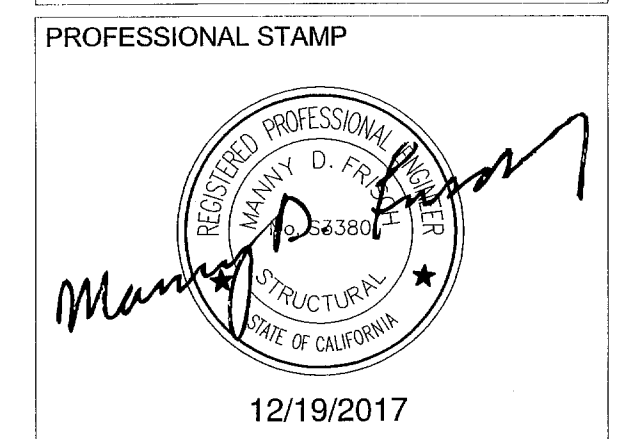
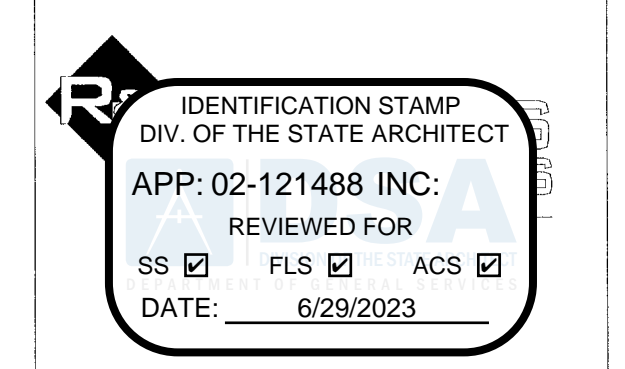
Col Ht	Opn'g Size	HDR		SILL		FULL HEIGHT KING STUD		
		Type	Reference	Type	Reference	Type	Num.	Size
9'-0"	3070	1	5	N/A	N/A	Stud	(2)	550S137-33
	4070	1	5	N/A	N/A	Stud	(2)	550S137-33
	6040	2	6	2	6	Stud	(3)	550S137-33
	8040	3	6	3	6	Stud	(3)	550S137-33
10'-0"	3070	1	5	N/A	N/A	Stud	(2)	550S137-33
	4070	2	5	N/A	N/A	Stud	(2)	550S137-33
	6040	2	6	2	6	Stud	(3)	550S137-33
	8040	4	6	4	6	Stud	(4)	550S137-33

Col Ht	Opn'g Size	HDR		SILL		FULL HEIGHT KING STUD		
		Type	Reference	Type	Reference	Type	Num.	Size
9'-0"	3070	1	5	N/A	N/A	Stud	(2)	550S137-33
	4070	1	5	N/A	N/A	Stud	(2)	550S137-33
	6040	2	6	2	6	Stud	(3)	550S137-33
	8040	3	6	3	6	Stud	(3)	550S137-33
10'-0"	3070	1	5	N/A	N/A	Stud	(2)	550S137-33
	4070	2	5	N/A	N/A	Stud	(2)	550S137-33
	6040	2	6	2	6	Stud	(3)	550S137-33
	8040	4	6	4	6	Stud	(4)	550S137-33

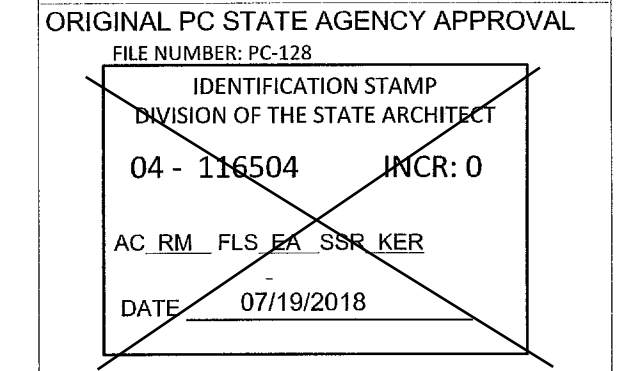
Column Height	Typ Wall Framing				4' From Corner Stud			
	Size	Number	Type	Spacing	Lumber	Number	Type	Spacing
9'-0"	350S137-33	(1)	Stud	16" o/c	-	-	-	-
10'-0"	350S137-33	(1)	Stud	16" o/c	-	-	-	-

Column Height	Typ Wall Framing				4' From Corner Stud			
	Size	Number	Type	Spacing	Lumber	Number	Type	Spacing
9'-0"	550S137-33	(1)	Stud	16" o/c	550S137-33	(1)	Stud	16" o/c
10'-0"	550S137-33	(1)	Stud	16" o/c	550S137-33	(1)	Stud	16" o/c

Column Height	Typ Wall Framing				4' From Corner Stud			
	Size	Number	Type	Spacing	Lumber	Number	Type	Spacing
9'-0"	550S137-33	(1)	Stud	16" o/c	550S137-33	(1)	Stud	16" o/c
10'-0"	550S137-33	(1)	Stud	16" o/c	550S137-33	(1)	Stud	16" o/c

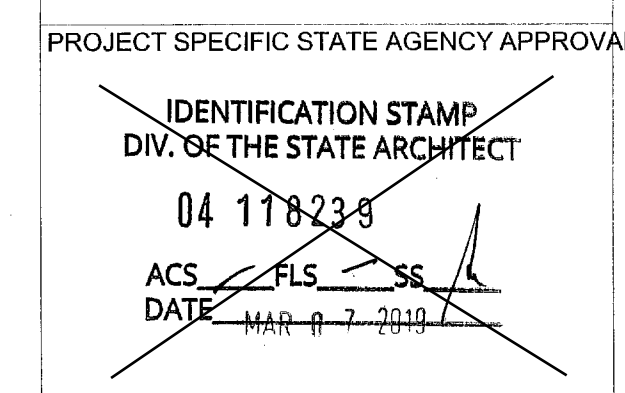


THE PLANS, IDEAS & DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF R&S TAVARES ASSOCIATES, INC. DEVISED SOLELY FOR THIS CONTRACT. THESE PLANS SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE FOR WHICH THEY WERE NOT INTENDED WITHOUT THE EXPRESS WRITTEN CONSENT OF R&S TAVARES ASSOCIATES, INC. ©



PROJECT TITLE
24' x 40'
EXPANDABLE TO
120' x 40'

PRE-CHECK (PC) DOCUMENT
Code: 2016 CBC
A separate project application for construction is required.



Revision Schedule
Description Date

SHEET TITLE
FRAMING SCHEDULES

PROJECT NUMBER
17016A

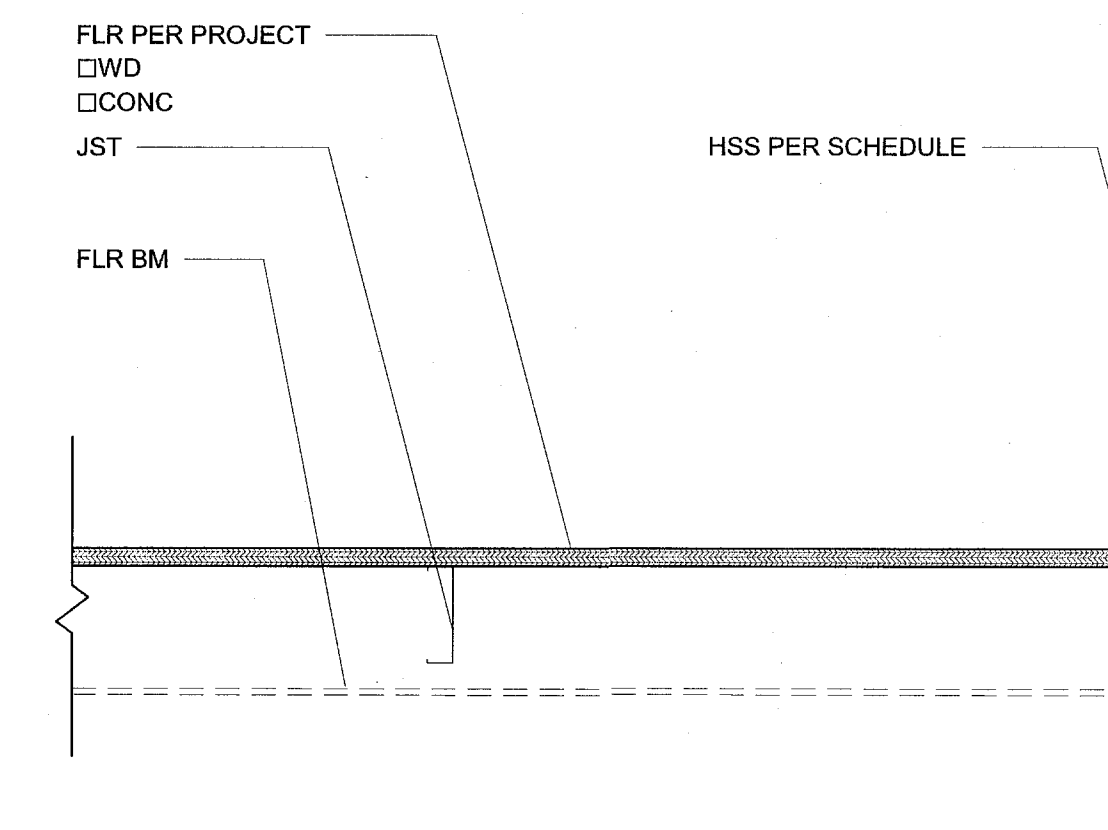
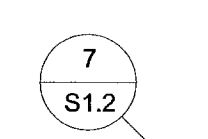
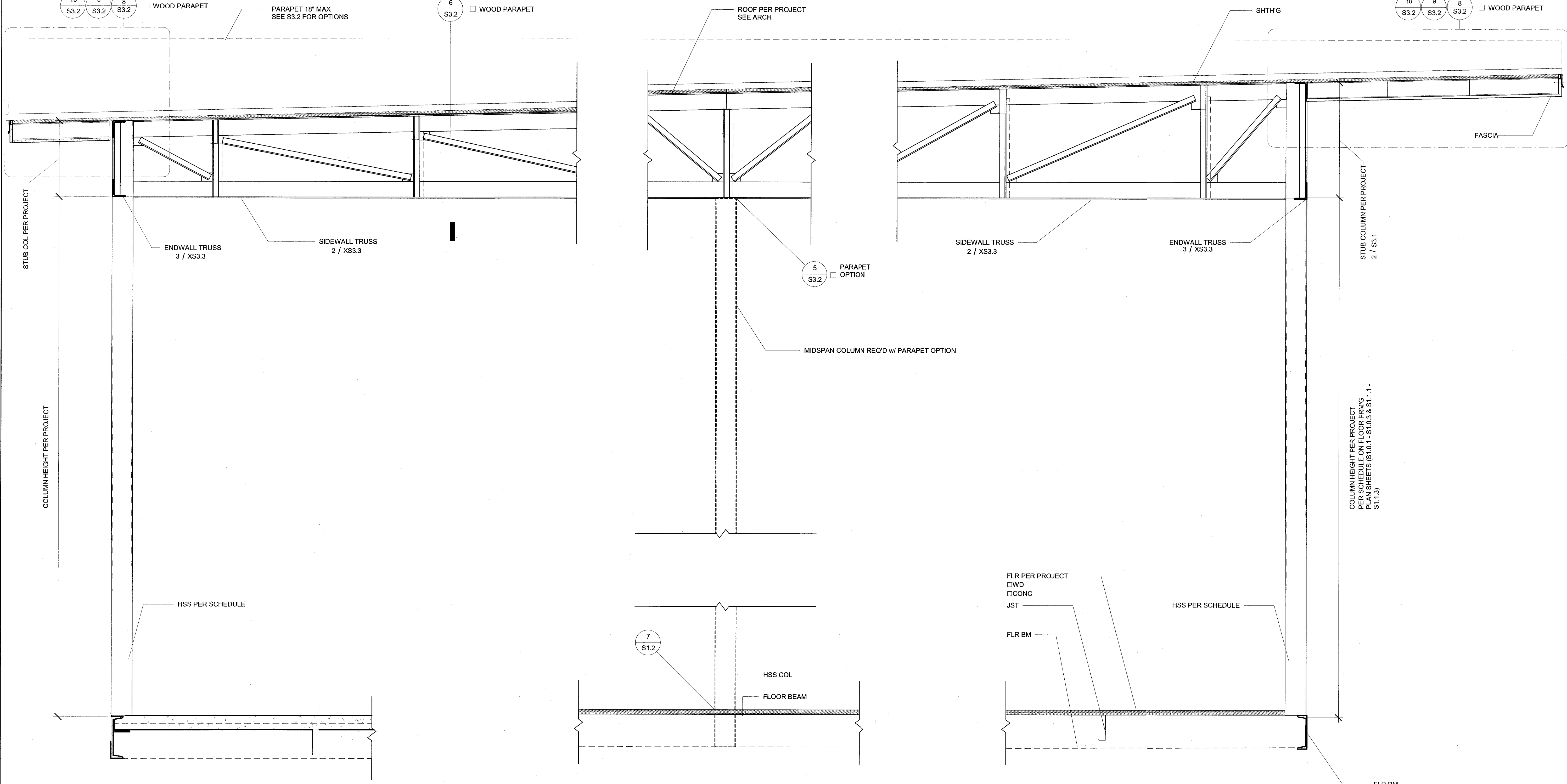
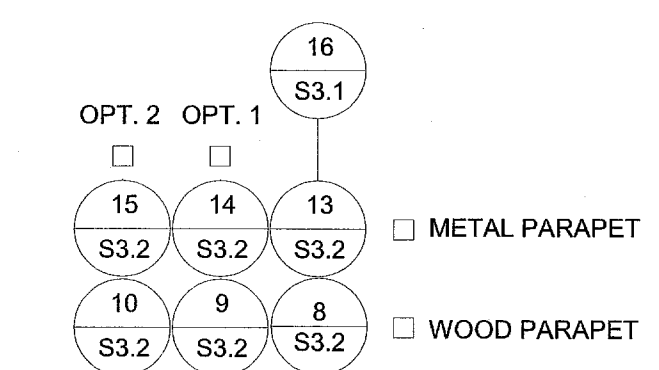
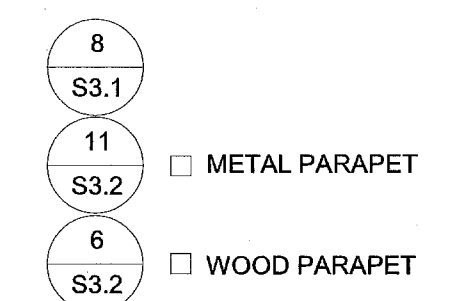
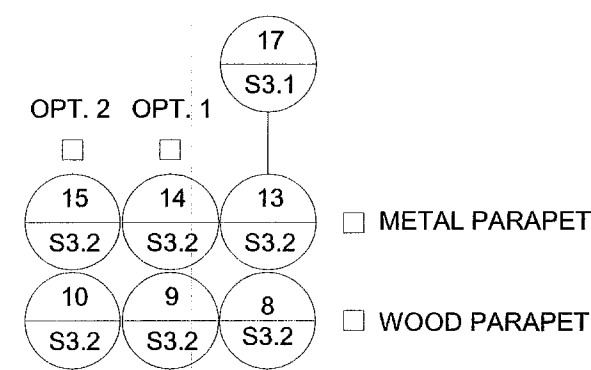
DRAWN BY
rMc/SC

CHECKED BY
JA/RT

DATE
2017/06/05

SHEET NO.
S4.5
SHEET OF SHEETS

12/18/2017 6:02:38 PM C:\Users\Lee\Documents\17016 - Ariesa_24x40 PC - MainFile - Low Seismic_Lee.rvt



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

PROFESSIONAL STAMP

12/19/2017

THE PLANS, IDEAS & DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF R&S TAVARES ASSOCIATES, INC. DEVISED SOLELY FOR THIS CONTRACT. THESE PLANS SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE FOR WHICH THEY WERE NOT INTENDED WITHOUT THE EXPRESS WRITTEN CONSENT OF R&S TAVARES ASSOCIATES, INC. ©

CLIENT
CLASS LEASING LLC
1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: PC-128
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
04 - 116504 INCR: 0
AC, RM, FLS, EA, SSR, KER
DATE: 07/19/2018

PROJECT TITLE
**24' x 40'
EXPANDABLE TO
120' x 40'**

PRE-CHECK (PC) DOCUMENT
Code: [2016] CBC
A separate project application for construction is required.

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 118230
ACS FLS SSR
DATE: MAR 07 2018

Revision Schedule

#	Description	Date

SHEET TITLE
**LONG. SECTION -
(MONO)**

PROJECT NUMBER	17016A
DRAWN BY	rMc/SC
CHECKED BY	JA/RT
DATE	2017/06/05
SHEET NO.	S5.0
SHEET OF SHEETS	

1/5/2018 11:34:51 AM C:\Users\Lee\Documents\17016 - Arqs. 20x40 PC - Main File - Low Seismic_Lee.rvt

CLASS LEASING, LLC.

1320 Oleander Ave. Perris, CA 92571-7408
(951) 943-1908 Fax (951) 943-5768

RELOCATION FOUNDATION PC

SCOPE OF WORK: DSA FOUNDATION PLANS FOR EXISTING STOCKPILE BUILDINGS FOR CLASS LEASING, LLC.
SHEET INDEX: STOCKPILE BUILDING FOUNDATION - 2019 CODE UPDATE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

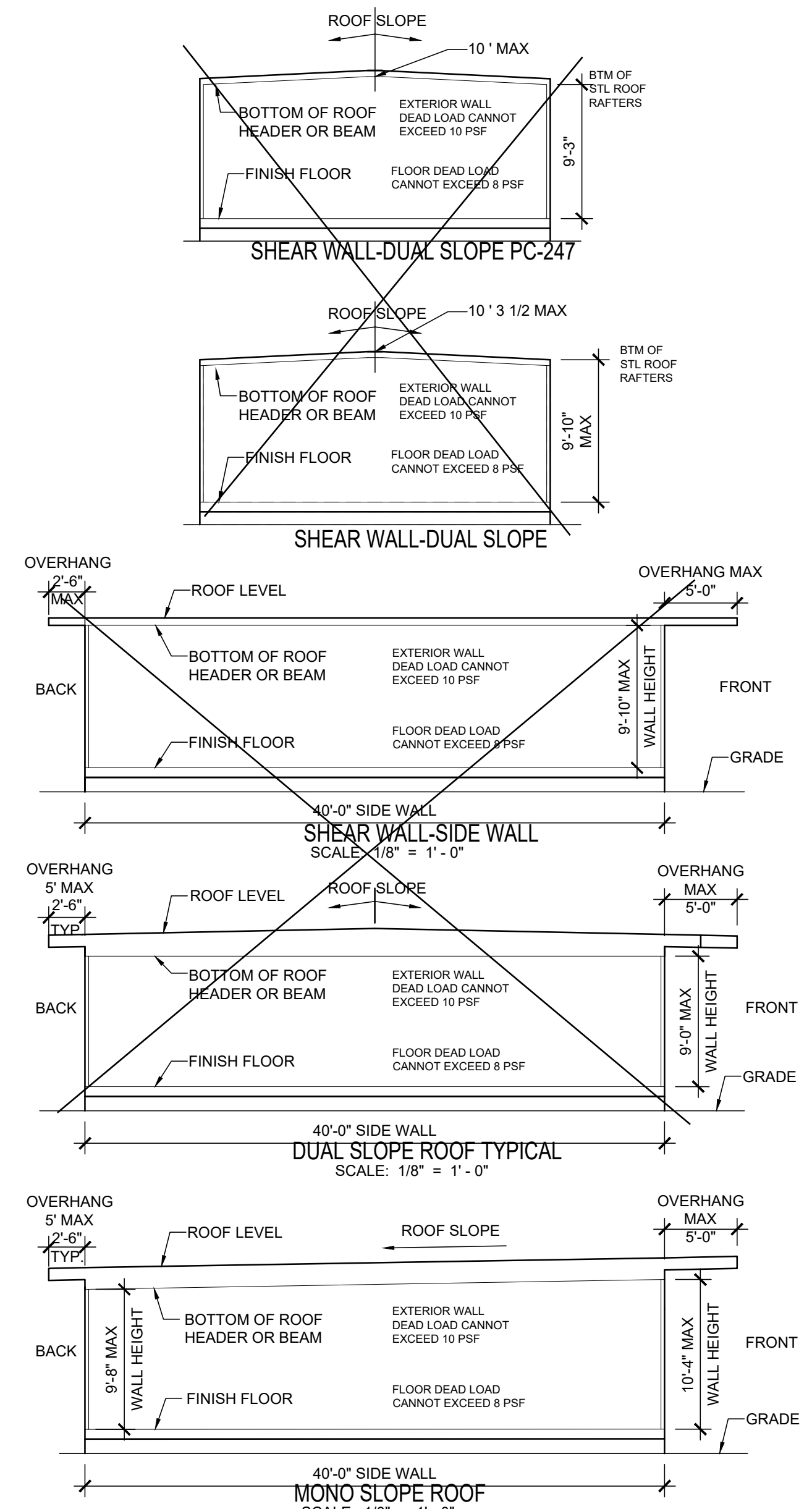
DESIGN DATA:

ALLOWABLE SOIL BEARING PRESSURE:
@ WOOD SILL FOUNDATIONS = 1000 PSF
@ CONCRETE FOUNDATIONS = 1500 PSF

FLOOR LIVE LOAD = 50 PSF, 50+20 PSF PARTITIONS, 100 PSF
ROOF LIVE LOAD = 20 PSF REDUCIBLE FOR TRIBUTARY AREA
WIND SPEED = 120 MPH (V) (SECOND GUST), Kz1 = 1.0
SNOW LOAD: PROJECT IS NOT LOCATED IN A SNOW REGION.
BUILDING CODES = 2018 IBC AND CBC 2019

SEISMIC DESIGN DATA: MOMENT FRAME PCS
Basic Seismic-Force-Resisting System = STEEL MOMENT FRAME
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
Seismic Design Category = E (per CBC Section 1613A.5.6)
Design Base Shear: 24x40 BUILDING = 8286 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING = 12430 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING = 16570 # (Roof, Floor, Walls & Partitions)
I = 1.0 Cs = 0.36 R = 3.5 SITE CLASS = D
Ss = 2.25 mapped value max
SDs = 1.80 (Site Documentation Justifying SDS Shall Be Submitted To DSA Prior to approval)
S1 = 1.389 SD1 = 1.389
RISK CATEGORY = II

SEISMIC DESIGN DATA: SHEAR WALL PCS
Basic Seismic-Force-Resisting System = WOOD PANEL SHEAR WALLS
ANALYSIS PROCEDURE USED = EQUIVALENT LATERAL FORCE
Seismic Design Category = E (per CBC Section 1613A.5.6)
Design Base Shear: 24x40 BUILDING = 8286 # (Roof, Floor, Walls & Partitions)
36x40 BUILDING = 12430 # (Roof, Floor, Walls & Partitions)
48x40 BUILDING = 16570 # (Roof, Floor, Walls & Partitions)
I = 1.0 Cs = 0.194 (USE 0.36 FOR BUILDING TO FOUNDATION ANCHORAGE AND DESIGN BASE SHEAR FOR FOUNDATION ANCHORAGE)
R = 6.5 SITE CLASS = D p = 1.0
Ss = 2.25 MAX
SDs = 1.8 (Site Documentation Justifying SDS Shall Be Submitted To DSA Prior to approval)
S1 = 1.389 SD1 = 1.389
RISK CATEGORY = II



TYPICAL ELEVATIONS ARE SHOWN TO CLARIFY FOUNDATION PC LIMITATIONS ONLY. DOCUMENTATION SHALL BE PROVIDED BY ENGINEER IN GENERAL RESPONSIBLE CHARGE TO BE REVIEWED AND APPROVED BY THE DSA STRUCTURAL PLAN REVIEWER.

RELOCATION NOTE:
FOR ALL RELOCATION PROJECTS, AOR IS RESPONSIBLE TO COLLECT AND PRESENT ALL IN-PLANT PAPERWORK"

- LIMITATIONS FOUNDATION PC ONLY:**
FOUNDATION ONLY PC IS DESIGNED TO SUPPORT THE SUPERSTRUCTURE FOR THE RELOCATABLE BUILDINGS AS LISTED ON THIS DRAWINGS.
- THE DESIGN CALCULATIONS ARE BASED ON THE FOLLOWING:**
1. DSA APPROVED STOCKPILE BUILDINGS
 2. ROOF OVERHANGS OF 5'-0" MAXIMUM
 3. MONO SLOPE OR DUAL SLOPE BUILDINGS
WALL HEIGHT: 9'-0" MAXIMUM ON DUAL SLOPE BUILDING.
WALL HEIGHT: 10'-4" MAXIMUM ON MONO SLOPE BUILDING.
(HEIGHT DETERMINED FROM FINISH FLOOR IN BUILDING TO BOTTOM OF STEEL ROOF STRUCTURE: BEAMS OR ROOF HEADERS)
WALL HEIGHT: 9'-10" MAXIMUM ON SHEAR WALL - DUAL SLOPE BUILDING
 4. WALL DEAD LOAD OF 10 PSF (NO STUCCO)
 5. FLOOR DEAD LOAD OF 8 PSF
 6. AT THE TIME OF APPLICATION, DOCUMENTS SHALL BE PROVIDED SHOWING THE CERTIFICATION OF THE STOCKPILE, OR IN-PLANT WELDING REPORTS FOR THE INDIVIDUAL UNITS SHALL BE PROVIDED.
 7. BELOW GRADE FOUNDATIONS NOT PERMITTED FOR SHEARWALL BUILDINGS.
 8. MULTIPLE BUILDINGS CAN BE LOCATED ADJACENT TO EACH OTHER WITH A MINIMUM SEPARATION AS SHOWN ON THE FOUNDATION PLANS. HOWEVER, IF THERE ARE ANY DOORWAYS ADDED BETWEEN THESE ADJACENT BUILDINGS, THE TOTAL FLOOR AREA OF BOTH BUILDINGS TOGETHER CANNOT EXCEED 2160sf FOR USING WOOD FOUNDATION OR FOR USING ANY FOUNDATION THAT IS BELOW GRADE (DETAILS 1A AND 1B ON C7.0).

ADJACENT BUILDINGS: ONLY THOSE BUILDINGS MANUFACTURED BY THE SAME COMPANY MAY BE PLACED ADJACENT TO EACH OTHER

FOUNDATIONS
C1.0 COVER SHEET, BUILDING DATA, STOCKPILE APPROVAL INDEX
C1.1 NOTES, APPLICABLE BUILDING CODES, SPECIFICATIONS

<input checked="" type="checkbox"/> C-2.0 24 x 40 - 50, 50+20 PSF	CONCRETE FOUNDATION PLAN, ADJACENT BUILDING PAD
<input checked="" type="checkbox"/> C-3.0 36 x 40 - 50, 50+20 PSF	CONCRETE FOUNDATION PLAN, ADJACENT BUILDING PAD
<input checked="" type="checkbox"/> C-4.0 36 x 40 - 100 PSF	CONCRETE FOUNDATION PLAN, ADJACENT BUILDING PAD
<input checked="" type="checkbox"/> C-5.0 48 x 40 - 50, 50+20 PSF	CONCRETE FOUNDATION PLAN, ADJACENT BUILDING PAD
<input checked="" type="checkbox"/> C-6.0 48 x 40 - 100 PSF	CONCRETE FOUNDATION PLAN, ADJACENT BUILDING PAD
<input checked="" type="checkbox"/> C-7.0	DETAILS

<input checked="" type="checkbox"/> F1.0 24x40 - 50, 50+20 PSF	FOUNDATION PLAN, ADJACENT BUILDING PAD
<input checked="" type="checkbox"/> F2.0 36x40 - 50, 50+20 PSF	FOUNDATION PLAN, ADJACENT BUILDING PAD
<input checked="" type="checkbox"/> F3.0 36x40 - 100 PSF	FOUNDATION PLAN, ADJACENT BUILDING PAD
<input checked="" type="checkbox"/> F4.0 48x40 - 50 PSF	FOUNDATION PLAN, ADJACENT BUILDING PAD
<input checked="" type="checkbox"/> F5.0 48x40 - 50+20 PSF	FOUNDATION PLAN, ADJACENT BUILDING PAD
<input checked="" type="checkbox"/> F6.0 48x40 - 100 PSF	FOUNDATION PLAN, ADJACENT BUILDING PAD
<input checked="" type="checkbox"/> F7.0	DETAILS

CLASS LEASING-APPROVED STOCKPILE A NUMBERS FOR THIS FOUNDATION PC

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 01	52513	46750-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 02	52512	48138-SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 03	52514	SHR	11-06-1989	24 x 40	50#	MODTECH
STKP 04	52516	SIM PC 29-SHR	12-07-1989	24 x 40	50#	MODTECH
STKP 05	52515	45400-SHR	11-06-1989	24 x 40	50#	AURORA
STKP 13	61957	PC 247	06-29-1994	24 x 40	50#	MODTECH
STKP 22	55113	PC 95	10-05-1990	24 x 40	50#	MODTECH
STKP 24	56670	PC 95	06-14-1994	24 x 40	50#	MODTECH
STKP 77	57970	PC 247	11-10-1997	24 x 40	50#	MODTECH
STKP 1029	50643	SHR	10-21-1988	24 x 40	50+20#	MODTECH

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 11	52482	MRF	06-13-1991	24 x 40	50+20#	MODTECH
STKP 14	57679	PC 96	03-19-1992	24 x 40	50#	MODTECH
STKP 18	63288	PC 243	05-04-1995	24 x 40	50#	MODTECH
STKP 19	63321	PC 242	05-11-1995	24 x 40	50#	MODTECH
STKP 20	55031	PC 79	09-18-1990	24 x 40	50#	MODTECH
STKP 21	55032	PC 79	09-19-1990	24 x 40	50#	MODTECH
STKP 23	55347	PC 79	11-26-1990	24 x 40	50#	MODTECH
STKP 27	62493	PC 266	07-31-1996	24 x 40	50#	MODTECH
STKP 31	66338	PC 266	11-12-1996	24 x 40	50+20#	MODTECH
STKP 33	67333	PC 266	03-11-1997	24 x 40	50#	MODTECH
STKP 35	04-100117	PC 266	01-15-1998	24 x 40	50+20#	MODTECH
STKP 37	04-100596	PC 266	08-10-1998	24 x 40	50+20#	MODTECH
STKP 39	04-100595	PC 275	08-10-1998	24 x 40	50+20#	MODTECH
STKP 40	04-100690	PC 282	09-03-1998	24 x 40	50+20#	MODTECH
STKP 42	04-100929	PC 266	01-07-1999	24 x 40	50+20#	MODTECH
STKP 43	04-104812	PC 275	09-09-1999	24 x 40	50#	MODTECH
STKP 44	04-101602	PC 266	09-30-1999	24 x 40	50+20#	MODTECH
STKP 48	04-101768	PC 101268	12-16-1999	24 x 40	50#	MODTECH
STKP 51	04-102015	PC 101268	03-16-2000	24 x 40	50# 50+20#	MODTECH
STKP 53	04-102365	PC 101268	07-17-2003	24 x 40	50#	MODTECH
STKP 56	04-102824	PC 101268	12-21-2000	24 x 40	50#	MODTECH
STKP 62	04-104169	PC 101268	04-18-2002	24 x 40	50+20#	MODTECH
STKP 67	04-104812	PC 101268	12-05-2002	24 x 40	50+20#	MODTECH
STKP 70	04-105299	PC 104801	05-22-2003	24 x 40	50+20#	MODTECH
STKP 75	04-110431	PC 04-109337	06-05-2003	24 x 40	50#	MODTECH
STKP 76	04-105455	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 78	04-109208	PC 105884	12-03-2007	24 x 40	50#	CURRENT/SMI
STKP 107	65965	PC 266	05-24-1996	24 x 40	50#	MODTECH
STKP 109	66341	PC 275	05-20-1999	24 x 40	50#	MODTECH
STKP 110	04-100118	PC 04-100073	01-15-1998	24 x 40	50#	MSI
STKP 111	04-101994	PC 04-101419	03-09-2000	24 x 40	50#	MODTECH
STKP 112	04-104982	PC 04-101419	03-21-2002	24 x 40	50#	MODTECH
STKP 113	04-104310	PC 04-101419	06-02-2002	24 x 40	50#	MODTECH
STKP 114	04-105455	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 130	04-101527	PC 270	09-12-1999	24 x 40	50# 50+20#	MODTECH
STKP 131	04-104946	PC 04-101419	01-23-2003	24 x 40	50# 50+20#	MODTECH
STKP SW	57194	PC 79	11-08-1991	24 x 40	50+20#	MODTECH
MANUFACTURER PC	04-105203	PC 04-101055	06-29-1999	24 x 40	50+20#	AURORA
MANUFACTURER PC	03-105678	PC 04-101055	06-29-1999	24 x 40	50#	AURORA
MANUFACTURER PC	04-101403	PC 362	10-16-1997	24 x 40	50+20#	MSI
STKP 230	04-117378	PC 243	04-26-2018	24 x 40	50+20#	AMS
STKP SW	04-117378	PC 230	11-18-2010	24 x 40	50+20#	AMS

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 11	52482	MRF	06-13-1991	24 x 40	50+20#	MODTECH
STKP 14	57679	PC 96	03-19-1992	24 x 40	50#	MODTECH
STKP 18	63288	PC 243	05-04-1995	24 x 40	50#	MODTECH
STKP 19	63321	PC 242	05-11-1995	24 x 40	50#	MODTECH
STKP 20	55031	PC 79	09-18-1990	24 x 40	50#	MODTECH
STKP 21	55032	PC 79	09-19-1990	24 x 40	50#	MODTECH
STKP 23	55347	PC 79	11-26-1990	24 x 40	50#	MODTECH
STKP 27	62493	PC 266	07-31-1996	24 x 40	50#	MODTECH
STKP 31	66338	PC 266	11-12-1996	24 x 40	50+20#	MODTECH
STKP 33	67333	PC 266	03-11-1997	24 x 40	50#	MODTECH
STKP 35	04-100117	PC 266	01-15-1998	24 x 40	50+20#	MODTECH
STKP 37	04-100596	PC 266	08-10-1998	24 x 40	50+20#	MODTECH
STKP 39	04-100595	PC 275	08-10-1998	24 x 40	50+20#	MODTECH
STKP 40	04-100690	PC 282	09-03-1998	24 x 40	50+20#	MODTECH
STKP 42	04-100929	PC 266	01-07-1999	24 x 40	50+20#	MODTECH
STKP 43	04-104812	PC 275	09-09-1999	24 x 40	50#	MODTECH
STKP 44	04-101602	PC 266	09-30-1999	24 x 40	50+20#	MODTECH
STKP 48	04-101768	PC 101268	12-16-1999	24 x 40	50#	MODTECH
STKP 51	04-102015	PC 101268	03-16-2000	24 x 40	50# 50+20#	MODTECH
STKP 53	04-102365	PC 101268	07-17-2003	24 x 40	50#	MODTECH
STKP 56	04-102824	PC 101268	12-21-2000	24 x 40	50#	MODTECH
STKP 62	04-104169	PC 101268	04-18-2002	24 x 40	50+20#	MODTECH
STKP 67	04-104812	PC 101268	12-05-2002	24 x 40	50+20#	MODTECH
STKP 70	04-105299	PC 104801	05-22-2003	24 x 40	50+20#	MODTECH
STKP 75	04-110431	PC 04-109337	06-05-2003	24 x 40	50#	MODTECH
STKP 76	04-105455	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 78	04-109208	PC 105884	12-03-2007	24 x 40	50#	CURRENT/SMI
STKP 107	65965	PC 266	05-24-1996	24 x 40	50#	MODTECH
STKP 109	66341	PC 275	05-20-1999	24 x 40	50#	MODTECH
STKP 110	04-100118	PC 04-100073	01-15-1998	24 x 40	50#	MSI
STKP 111	04-101994	PC 04-101419	03-09-2000	24 x 40	50#	MODTECH
STKP 112	04-104982	PC 04-101419	03-21-2002	24 x 40	50#	MODTECH
STKP 113	04-104310	PC 04-101419	06-02-2002	24 x 40	50#	MODTECH
STKP 114	04-105455	PC 04-104796	07-17-2003	24 x 40	50#	MODTECH
STKP 130	04-101527	PC 270	09-12-1999	24 x 40	50# 50+20#	MODTECH
STKP 131	04-104946	PC 04-101419	01-23-2003	24 x 40	50# 50+20#	MODTECH
STKP SW	57194	PC 79	11-08-1991	24 x 40	50+20#	MODTECH
MANUFACTURER PC	04-105203	PC 04-101055	06-29-1999	24 x 40	50+20#	AURORA
MANUFACTURER PC	03-105678	PC 04-101055	06-29-1999	24 x 40	50#	AURORA
MANUFACTURER PC	04-101403	PC 362	10-16-1997	24 x 40	50+20#	MSI
STKP 230	04-117378	PC 243	04-26-2018	24 x 40	50+20#	AMS
STKP SW	04-117378	PC 230	11-18-2010	24 x 40	50+20#	AMS

STKP #	DSA #	PC-BASE	DATE	SIZE	FLOOR LOAD	BLDG MFG
STKP 11	52482	MRF	06-13-1991	24 x 40	50+20#	MODTECH
STKP 14	57679	PC 96	03-19-1992	24 x 40	50#	MODTECH
STKP 18	63288	PC 243	05-04-1995	24 x 40	50#	MODTECH
STKP 19	63321	PC 242	05-11-1995	24 x 40	50#	MODTECH
STKP 20	55031	PC 79	09-18-1990	24 x 40	50#	MODTECH
STKP 21	55032	PC 79	09-19-1990	24 x 40	50#	MODTECH
STKP 23	55347	PC 79	11-26-1990	24 x 40	50#	MODTECH
STKP 27	62493	PC 266	07-31-1996	24 x 40	50#	MODTECH
STKP 31	66338	PC 266	11-12-1996	24 x 40	50+20#	MODTECH
STKP 33	67333	PC 266	03-11-1997	24 x 40	50#	MODTECH
STKP 35	04-100117	PC 266	01-15-1998	24 x 40	50+20#	MODTECH
STKP 37	04-100596	PC 266	08-10-1998	24 x 40	50+20#	MODTECH
STKP 39	04-100595	PC 275	08-10-1998	24 x 40	50+20#	MODTECH

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-121488 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 6/29/2023



1320 W. Oleander Ave. Perris, CA 92571-7408
 VOICE (951)943-1908 FAX (951)943-5768

REVISIONS	BY
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APPROVED
 DIV. OF THE STATE ARCHITECT
 APP: 04-120028 PC
 REVIEWED FOR
 SS FLS ACS CG
 DATE: 07/26/2022

PRE-CHECK (PC) DOCUMENT
 Code: 2019 CBC
 A Separate project application for construction is required.



Date Signed: July 19, 2022

ENGINEER
 AOR
 SHEET TITLE:

24x40 - 50 PSF AND/OR 50 + 20
 RELOCATION
 FOUNDATION PLAN

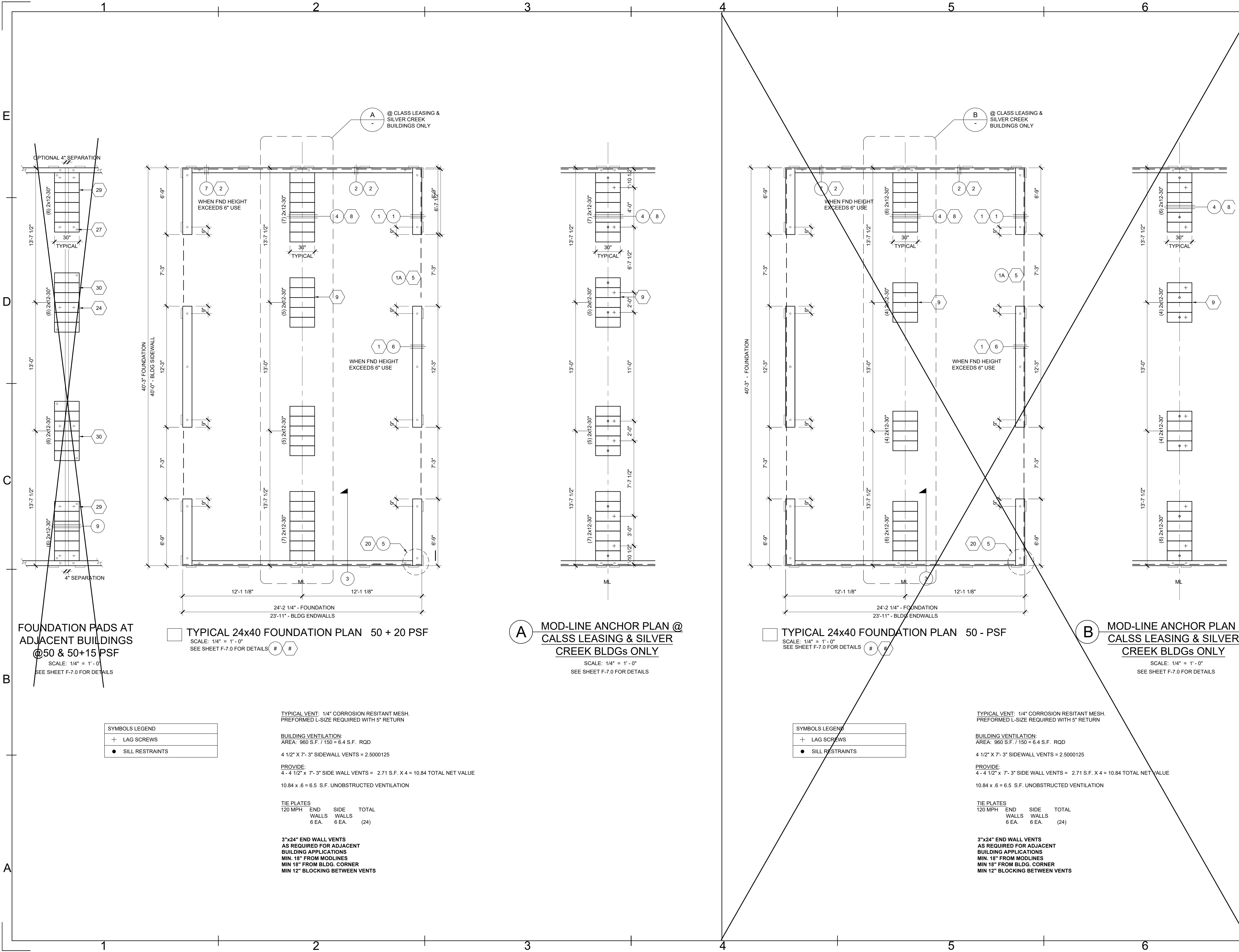
DATE: 07-18-2022

DRAWN BY: Bernie P. / Fil C

SCALE: AS SHOWN

JOB:

F-1.0



FOUNDATION PADS AT
 ADJACENT BUILDINGS
 @50 & 50+15 PSF
 SCALE: 1/4" = 1'-0"
 SEE SHEET F-7.0 FOR DETAILS

TYPICAL 24x40 FOUNDATION PLAN 50 + 20 PSF
 SCALE: 1/4" = 1'-0"
 SEE SHEET F-7.0 FOR DETAILS

A MOD-LINE ANCHOR PLAN @
 CALSS LEASING & SILVER
 CREEK BLDGS ONLY
 SCALE: 1/4" = 1'-0"
 SEE SHEET F-7.0 FOR DETAILS

TYPICAL 24x40 FOUNDATION PLAN 50 - PSF
 SCALE: 1/4" = 1'-0"
 SEE SHEET F-7.0 FOR DETAILS

B MOD-LINE ANCHOR PLAN @
 CALSS LEASING & SILVER
 CREEK BLDGS ONLY
 SCALE: 1/4" = 1'-0"
 SEE SHEET F-7.0 FOR DETAILS

SYMBOLS LEGEND

+	LAG SCREWS
●	SILL RESTRAINTS

TYPICAL VENT: 1/4" CORROSION RESISTANT MESH.
 PREFORMED L-SIZE REQUIRED WITH 5" RETURN

BUILDING VENTILATION:
 AREA: 960 S.F. / 150 = 6.4 S.F. RQD
 4 1/2" X 7'-3" SIDEWALL VENTS = 2.5000125

PROVIDE:
 4 - 4 1/2" x 7'-3" SIDE WALL VENTS = 2.71 S.F. X 4 = 10.84 TOTAL NET VALUE
 10.84 x .6 = 6.5 S.F. UNOBSTRUCTED VENTILATION

TIE PLATES
 120 MPH END SIDE TOTAL
 WALLS WALLS WALLS
 6 EA. 6 EA. (24)

3"x24" END WALL VENTS
 AS REQUIRED FOR ADJACENT
 BUILDING APPLICATIONS
 MIN. 18" FROM MODLINES
 MIN 18" FROM BLDG. CORNER
 MIN 12" BLOCKING BETWEEN VENTS

SYMBOLS LEGEND

+	LAG SCREWS
●	SILL RESTRAINTS

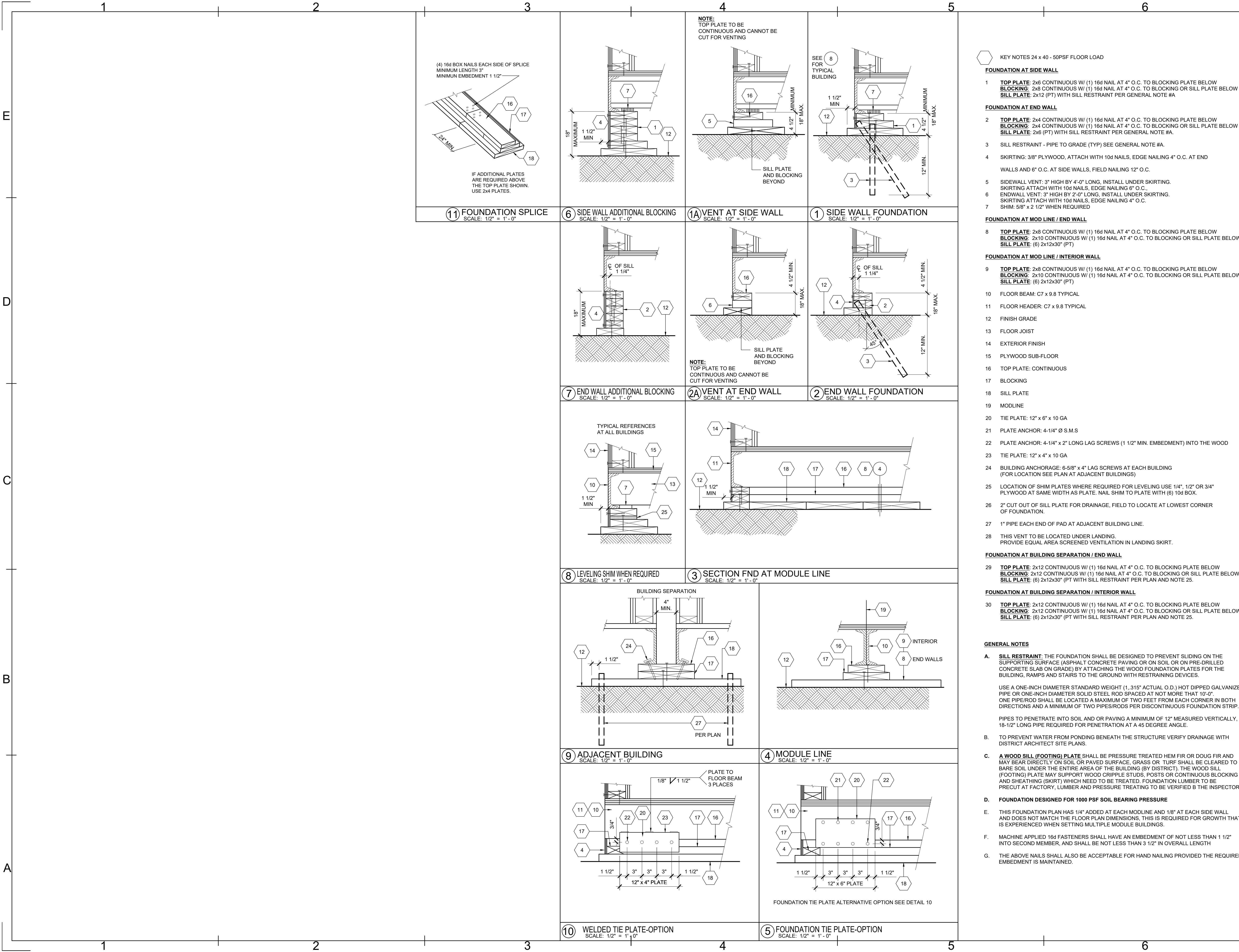
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 AS REQUIRED FOR ADJACENT
 BUILDING APPLICATIONS
 MIN. 18" FROM MODLINES
 MIN 18" FROM BLDG. CORNER
 MIN 12" BLOCKING BETWEEN VENTS



KEY NOTES 24 x 40 - 50PSF FLOOR LOAD

FOUNDATION AT SIDE WALL

- 1 **TOP PLATE:** 2x6 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
- BLOCKING:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
- SILL PLATE:** 2x12 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A

FOUNDATION AT END WALL

- 2 **TOP PLATE:** 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
- BLOCKING:** 2x4 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
- SILL PLATE:** 2x6 (PT) WITH SILL RESTRAINT PER GENERAL NOTE #A

- 3 SILL RESTRAINT - PIPE TO GRADE (TYP) SEE GENERAL NOTE #A.
- 4 SKIRTING: 3/8" PLYWOOD, ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C. AT END WALLS AND 6" O.C. AT SIDE WALLS, FIELD NAILING 12" O.C.
- 5 SIDEWALL VENT: 3" HIGH BY 4'-0" LONG, INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 6" O.C.
- 6 ENDWALL VENT: 3" HIGH BY 2'-0" LONG, INSTALL UNDER SKIRTING. SKIRTING ATTACH WITH 10d NAILS, EDGE NAILING 4" O.C.
- 7 SHIM: 5/8" x 2 1/2" WHEN REQUIRED

FOUNDATION AT MOD LINE / END WALL

- 8 **TOP PLATE:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
- BLOCKING:** 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
- SILL PLATE:** (6) 2x12x30" (PT)

FOUNDATION AT MOD LINE / INTERIOR WALL

- 9 **TOP PLATE:** 2x8 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
- BLOCKING:** 2x10 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
- SILL PLATE:** (6) 2x12x30" (PT)

- 10 FLOOR BEAM: C7 x 9.8 TYPICAL
- 11 FLOOR HEADER: C7 x 9.8 TYPICAL
- 12 FINISH GRADE
- 13 FLOOR JOIST
- 14 EXTERIOR FINISH
- 15 PLYWOOD SUB-FLOOR
- 16 TOP PLATE: CONTINUOUS
- 17 BLOCKING
- 18 SILL PLATE
- 19 MODLINE
- 20 TIE PLATE: 12" x 6" x 10 GA
- 21 PLATE ANCHOR: 4-1/4" Ø S.M.S
- 22 PLATE ANCHOR: 4-1/4" x 2" LONG LAG SCREWS (1 1/2" MIN. EMBEDMENT) INTO THE WOOD
- 23 TIE PLATE: 12" x 4" x 10 GA
- 24 BUILDING ANCHORAGE: 6-5/8" x 4" LAG SCREWS AT EACH BUILDING (FOR LOCATION SEE PLAN AT ADJACENT BUILDINGS)
- 25 LOCATION OF SHIM PLATES WHERE REQUIRED FOR LEVELING USE 1/4", 1/2" OR 3/4" PLYWOOD AT SAME WIDTH AS PLATE. NAIL SHIM TO PLATE WITH (6) 10d BOX.
- 26 2" CUT OUT OF SILL PLATE FOR DRAINAGE, FIELD TO LOCATE AT LOWEST CORNER OF FOUNDATION.
- 27 1" PIPE EACH END OF PAD AT ADJACENT BUILDING LINE.
- 28 THIS VENT TO BE LOCATED UNDER LANDING. PROVIDE EQUAL AREA SCREENED VENTILATION IN LANDING SKIRT.

FOUNDATION AT BUILDING SEPARATION / END WALL

- 29 **TOP PLATE:** 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
- BLOCKING:** 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
- SILL PLATE:** (6) 2x12x30" (PT WITH SILL RESTRAINT PER PLAN AND NOTE 25.

FOUNDATION AT BUILDING SEPARATION / INTERIOR WALL

- 30 **TOP PLATE:** 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING PLATE BELOW
- BLOCKING:** 2x12 CONTINUOUS W/ (1) 16d NAIL AT 4" O.C. TO BLOCKING OR SILL PLATE BELOW
- SILL PLATE:** (6) 2x12x30" (PT WITH SILL RESTRAINT PER PLAN AND NOTE 25.

GENERAL NOTES

- A. **SILL RESTRAINT:** THE FOUNDATION SHALL BE DESIGNED TO PREVENT SLIDING ON THE SUPPORTING SURFACE (ASPHALT CONCRETE PAVING OR ON SOIL OR ON PRE-DRILLED CONCRETE SLAB ON GRADE) BY ATTACHING THE WOOD FOUNDATION PLATES FOR THE BUILDING, RAMPS AND STAIRS TO THE GROUND WITH RESTRAINING DEVICES.

USE A ONE-INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL O.D.) HOT DIPPED GALVANIZED PIPE OR ONE-INCH DIAMETER SOLID STEEL ROD SPACED AT NOT MORE THAN 10'-0". ONE PIPE/ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND A MINIMUM OF TWO PIPES/RODS PER DISCONTINUOUS FOUNDATION STRIP. PIPES TO PENETRATE INTO SOIL AND OR PAVING A MINIMUM OF 12" MEASURED VERTICALLY, 18-1/2" LONG PIPE REQUIRED FOR PENETRATION AT A 45 DEGREE ANGLE.
- B. TO PREVENT WATER FROM PONDING BENEATH THE STRUCTURE VERIFY DRAINAGE WITH DISTRICT ARCHITECT SITE PLANS.
- C. **A WOOD SILL (FOOTING) PLATE** SHALL BE PRESSURE TREATED HEM FIR OR DOUG FIR AND MAY BEAR DIRECTLY ON SOIL OR PAVED SURFACE. GRASS OR TURF SHALL BE CLEARED TO BARE SOIL UNDER THE ENTIRE AREA OF THE BUILDING (BY DISTRICT). THE WOOD SILL (FOOTING) PLATE MAY SUPPORT WOOD CRIPPLE STUDS, POSTS OR CONTINUOUS BLOCKING AND SHEATHING (SKIRT) WHICH NEED TO BE TREATED. FOUNDATION LUMBER TO BE PRECUT AT FACTORY. LUMBER AND PRESSURE TREATING TO BE VERIFIED BY THE INSPECTOR.
- D. **FOUNDATION DESIGNED FOR 1000 PSF SOIL BEARING PRESSURE**
- E. THIS FOUNDATION PLAN HAS 1/4" ADDED AT EACH MODLINE AND 1/8" AT EACH SIDE WALL AND DOES NOT MATCH THE FLOOR PLAN DIMENSIONS. THIS IS REQUIRED FOR GROWTH THAT IS EXPERIENCED WHEN SETTING MULTIPLE MODULE BUILDINGS.
- F. MACHINE APPLIED 16d FASTENERS SHALL HAVE AN EMBEDMENT OF NOT LESS THAN 1 1/2" INTO SECOND MEMBER, AND SHALL BE NOT LESS THAN 3 1/2" IN OVERALL LENGTH
- G. THE ABOVE NAILS SHALL ALSO BE ACCEPTABLE FOR HAND NAILING PROVIDED THE REQUIRED EMBEDMENT IS MAINTAINED.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

Class Leasing
1320 W. Oleander Ave. Perris, CA 92571-7408
VOICE (951)943-1908 FAX (951)943-5768

REVISIONS	BY
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APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-120028 PC
REVIEWED FOR
SS FLS ACS CG
DATE: 07/26/2022

PRE-CHECK (PC) DOCUMENT
Code: 2019 CBC
A Separate project application for construction is required.

ENGINEER

Date Signed: July 19, 2022

AOR

SHEET TITLE:
DETAILS & NOTES

DATE: 07-18-2022
DRAWN BY: Bernie P. / Fil C
SCALE: AS SHOWN
JOB:

F-7.0

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2020

2019 ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. *
 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
 (2018 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2019 CALIFORNIA AMENDMENTS)
 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
 (2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
 (2018 INTERNATIONAL MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)
 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
 (2018 INTERNATIONAL PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)
 2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
 2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
 (2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)
 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
 2019 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS,
 2016 ASME A17.1 A17.1A/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS (PER 2019 CBC PART 2 CH 35)

NOTE: CAL/OSHA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION

*CALIFORNIA ADMINISTRATIVE CODE, PART 1, CHAPTER 10, ADMINISTRATIVE REGULATIONS FOR THE CALIFORNIA ENERGY COMMISSION (CEC)

GENERAL NOTES

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATION SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT(CCD) BY DSA AS REQUIRED BY SECTION 4-338 PART 1, TITLE 24, CCR

A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT(OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. DUTIES OF INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1 TITLE 24, CCR

COMPLETE ACCESS IS A DIVISION OF INTEGRATED STAIR SYSTEMS INC. WITH CORPORATE OFFICES LOCATED IN 1345 RYAN RD, BUCKLEY, WA 98321, (360) 829-4220

DESIGN LOADS

SEE PC COVER

MATERIALS

SQUARE STEEL TUBE ASTM A513 GR. C Fy= 33 KSI (345 MPa)
 RAMP OVERHANG POST ASTM A500 B Fy= 46 KSI

*ALL STEEL TO BE COATED WITH GALVANIZED RUST INHIBITING COATING

WOOD FOUNDATION SHALL BE OF FOUNDATION GRADE REDWOOD OR PRESERVATIVE TREATED HEM-FIR #2 AND IS ALLOWED TO REST DIRECTLY ON SOIL OR PAVEMENT.

WELDS

WELDING SHALL BE IN ACCORDANCE WITH AWS D.1.1-10 USING E70XX ELECTRODES FOR STEEL AND AWS D1.2 AND A5.10 FOR ALUMINUM, USING ALMIGWELD ER4043

BOLTS, SCREWS AND NAILS

STEEL TO STEEL CONNECTIONS: ASTM A307 CARBON STEEL BOLTS SHALL BE GRADE 5 ZINC PLATED, HOT DIPPED GALVANIZED TO ASTM A153 OR ELECTROGALVANIZED TO ASTM B63.3. FASTENER SHALL BE LUBRICATED TO ELIMINATE GALLING. ALL STEEL MEMBERS IN CONTACT WITH ALUMINUM SHALL BE ZINC COATED TO ELIMINATE GALVANIC REACTION.

STEEL TO STEEL & WOOD CONNECTIONS: ANSII/ASME STEEL LAG SCREWS, STEEL STANDARD WOOD SCREWS, WOOD TO WOOD CONNECTION: ASTM STANDARD COMMON STEEL NAIL.

ITW RED HEAD CONCRETE WEDGE ANCHORS SHALL BE INSTALLED PER RECOMMENDATION SHOWN IN ESR-2427

HANDRAIL NOTES:

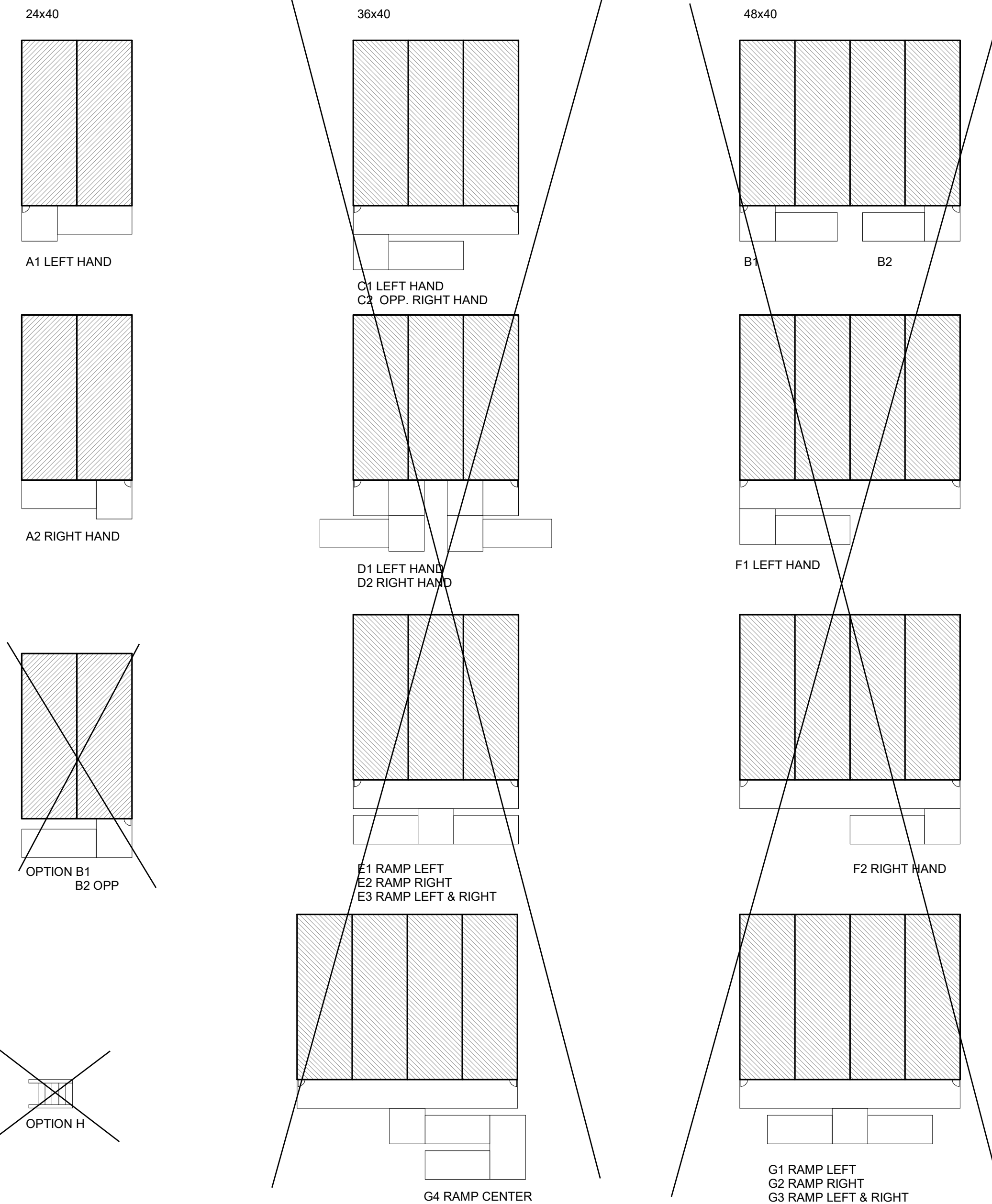
- MANEUVERING CLEARANCE ON EXTERIOR PULL SIDE OF DOOR SHALL BE 42" TYPICAL (610MM) MINIMUM WITH 60" (1524MM) MINIMUM LANDING IN FRONT OF DOOR.
- HANDRAILS SHALL BE CONTINUOUS ALONG BOTH SIDES. HANDRAILS SHALL BE PARALLEL WITH THE SURFACE AND PROJECT 12" (301MM) ON BEYOND TOP OF RISER AND 12" (301MM) PLUS 1 TREAD AT BOTTOM RISER. AT RAMPS WHERE HANDRAIL ARE NOT CONTINUOUS BETWEEN RUNS THE HANDRAIL SHALL EXTEND HORIZONTALLY ABOVE THE LANDING 12" (301MM) MINIMUM BEYOND THE BEGINNING AND ENDING OF RAMPS
- TOP OF HANDRAILS SHALL BE MOUNTED BETWEEN 34" (864MM) AND 38" (965MM) ABOVE THE WALKING SURFACE, ONE CONSISTENT HEIGHT, BEIGINNING TO END.
- CLEARANCE BETWEEN HANDRAIL AND WALL SHALL BE A MINIMUM OF 1-1/2" (38MM).
- GUARDS ARE TO BE DESIGNED FOR A CONCENTRATED LOAD OF 200 LBF (0.9 kN) APPLIED @ ANY POINT AND ANY DIRECTION ALONG THE RAIL OR A UNIFORM LOAD OF 50 PLF (0.7 kN/m) APPLIED HORIZONTALLY @ HANDRAIL HEIGHT.
- HANDRAILS SHALL HAVE A CIRCULAR CROSS SECTION WITH AN OUTSIDE DIAMETER OF 1-1/4" (31.75MM) MINIMUM AND NOT GREATER THAN 2" (51MM) MAXIMUM. 11B-405.7.2 NON-CIRCULAR CROSS SECTIONS: HANDRAIL GRIPPING SURFACES WITH A NON-CIRCULAR CROSS SECTION SHALL HAVE A PERIMETER DIMENSION OF 4 INCHES (102 MM) MINIMUM AND 6 1/4 INCHES (159 MM) MAXIMUM, AND A CROSS-SECTION DIMENSION OF 2 1/4 INCHES (57 MM) MAXIMUM.
- GRIPPING SURFACE SHALL BE CONTINUOUS ALONG THEIR LENGTH AND SHALL NOT BE OBSTRUCTED ALONG THEIR TOPS OR SIDES.
- HANDRAILS SHALL NOT ROTATE IN THEIR FITTINGS.
- ENDS OF HANDRAILS SHALL RETURN SMOOTHLY TO FLOOR, WALL OR POST.

RAMP NOTES

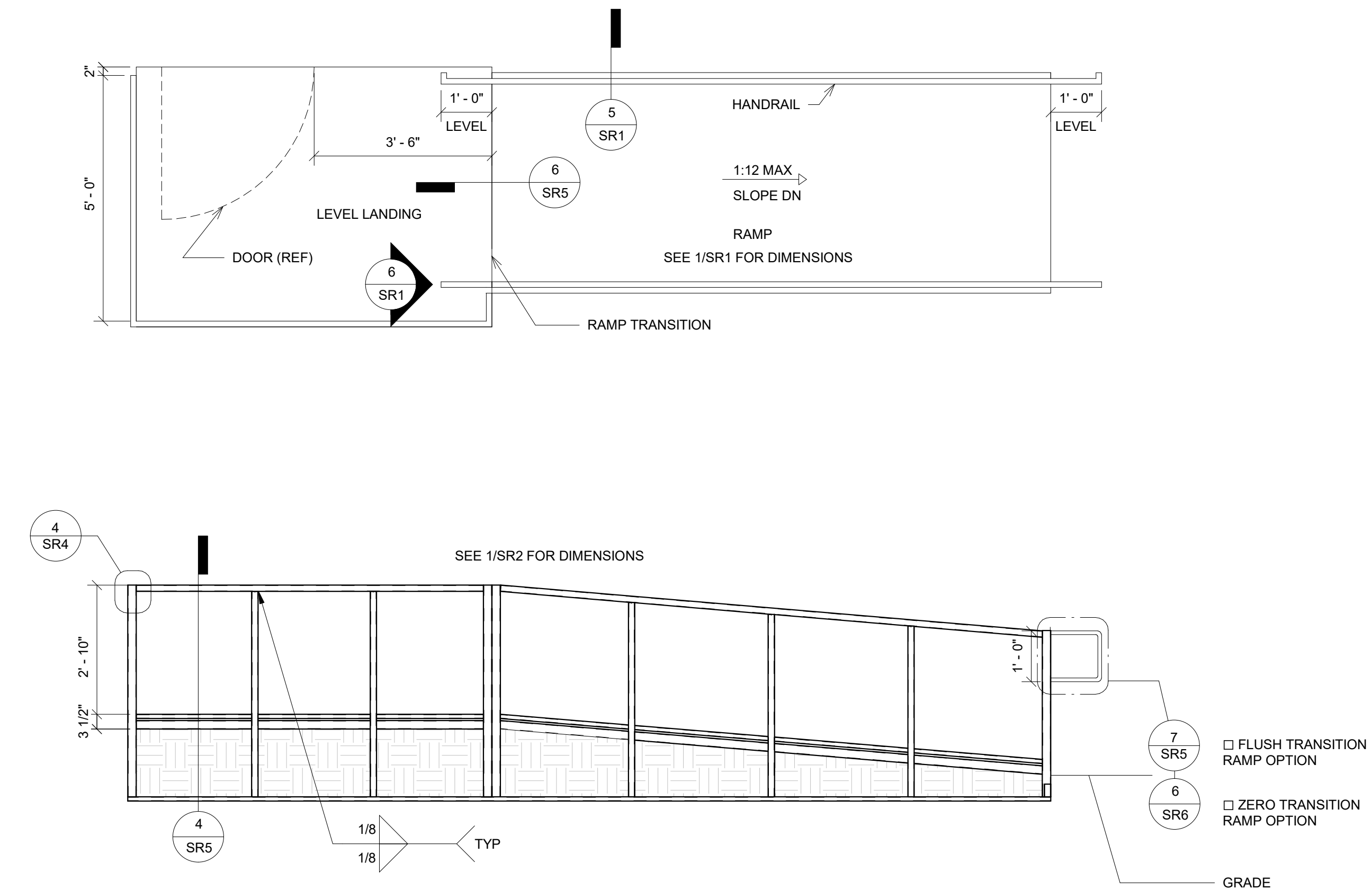
- RAMPS SHALL CONFORM TO CBC 2019 TITLE 24 PART 2, CHAPTER 11B, 11B-405
- RAMP SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8% SLOPE) FOR A MAXIMUM RISE OF 30" (762MM)
- THE MAXIMUM VERTICAL RISE OF RAMP RUN SHALL BE 30" (762MM) MAXIMUM
- RAMPS SHALL HAVE LANDING AT BOTTOM AND TOP OF EACH RAMP RUN
- THE SLOPE ON LANDINGS SHALL NOT BE STEEPER THAN ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL (2% SLOPE) IN ANY DIRECTION
- LANDING SHALL HAVE A WIDTH AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING AND A MINIMUM LENGTH OF 60" IN THE DIRECTION OF TRAVEL @ TOP LANDING - 72" MIN @ BOT LANDING
- CHANGES IN DIRECTION OF TRAVEL SHALL HAVE A LANDING 60" WIDE BY 72" LONG (1524MM X 1829MM) MINIMUM, WITH THE LENGTH BEING IN THE DIRECTION OF DOWNWARD TRAVEL AND CHANGES IN DIRECTION
- MANEUVERING CLEARANCE ON LANDING ADJACENT TO DOORWAYS SHALL BE NO LESS THAN 42" WITH DOOR IN ANY POSITION AND SHALL NOT BE REDUCED BY MORE THAN 3" WHEN DOOR IS FULLY OPENED
- WALKING SURFACE SHALL BE ROUGHED OR SHALL BE OF SLIP RESISTANT DIAMOND PLATE ALUMINUM AND ALL LANDINGS TO BE DESIGNED TO NOT RETAIN STANDING WATER - 2.083 MAX SLOPE ANY DIRECTION

Ramp Option Schedule:

- option 1 : ramp & landing @ building (plan view 1/SR1)
 option 2 : ramp and landing with offset ramp (plan view 2/SR1)
 option 3: ramp and platform landing (plan view 3/SR1)
 option 4 : ramp and landing with switch back ramp (plan view 4/SR1)



2 Ramps Options w/ Different Building Sizes



3 1/2" = 1'-0" Standard Ramp

6/6/2021 12:13:32 AM M:\2020\20093 - Class Leasing - 24x40 - 120x40 2019 CBC Updates\REV\T\SRH\20093 - Aries, Ramps and Stairs PC.rvt

1 1/2" = 1'-0" Notes

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-121488 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 6/29/2023

R&S TAVARES ASSOCIATES
 DESIGN & CONSULTING PROJECT MEET
 11500 W BERNARDO COURT, SUITE 100
 SAN DIEGO, CA 92127
 WWW.RS-TAVARES.COM

PROFESSIONAL STAMP

MAURICIO TAVARES
 No. S3380
 3.31.2022
 REGISTERED PROFESSIONAL ARCHITECT
 STATE OF CALIFORNIA
 6.7.2021

THE PLANS, IDEAS & DESIGNS SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF R&S TAVARES ASSOCIATES, INC. DEvised SOLELY FOR THIS CONTRACT. THESE PLANS SHALL NOT BE USED, IN WHOLE OR IN PART, FOR ANY PURPOSE FOR WHICH THEY WERE NOT INTENDED WITHOUT THE EXPRESS WRITTEN CONSENT OF R&S TAVARES ASSOCIATES, INC. ©

CLIENT

Class Leasing
 1320 W. Oleander Ave, Perris CA 92571-7408
 VOICE (951) 943-1908/Fax (951) 943-5768

ORIGINAL PC STATE AGENCY APPROVAL

APPROVED
 DIV. OF THE STATE ARCHITECT
 APP: 04-119408 PC
 REVIEWED FOR
 SS FLS ACS CG
 DATE: 08/05/2021

Revision Schedule

#	Description	Date

PRE-CHECK (PC) DOCUMENT
 Code: 2019 CBC
 A separate project application for construction is required

PROJECT TITLE
RAMPS PC

SHEET TITLE
Module Plan and Notes

PROJECT NUMBER
 20093

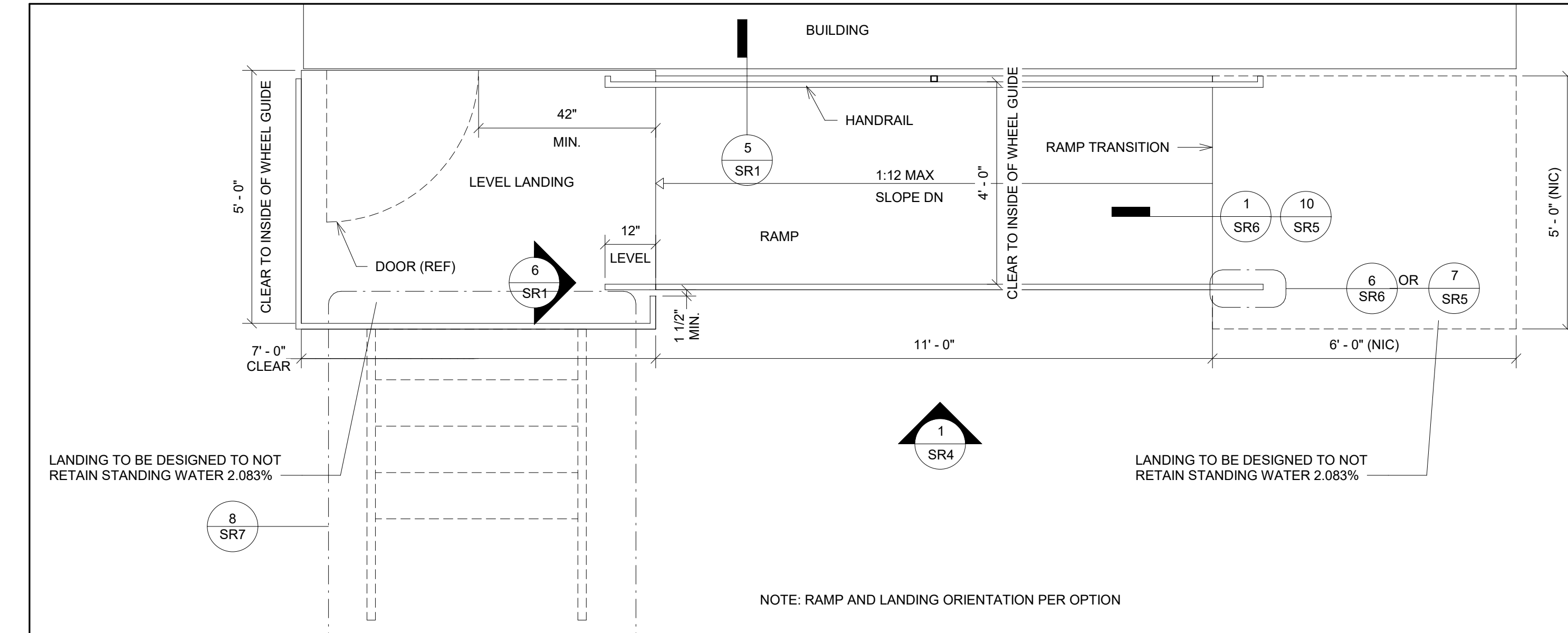
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 SM

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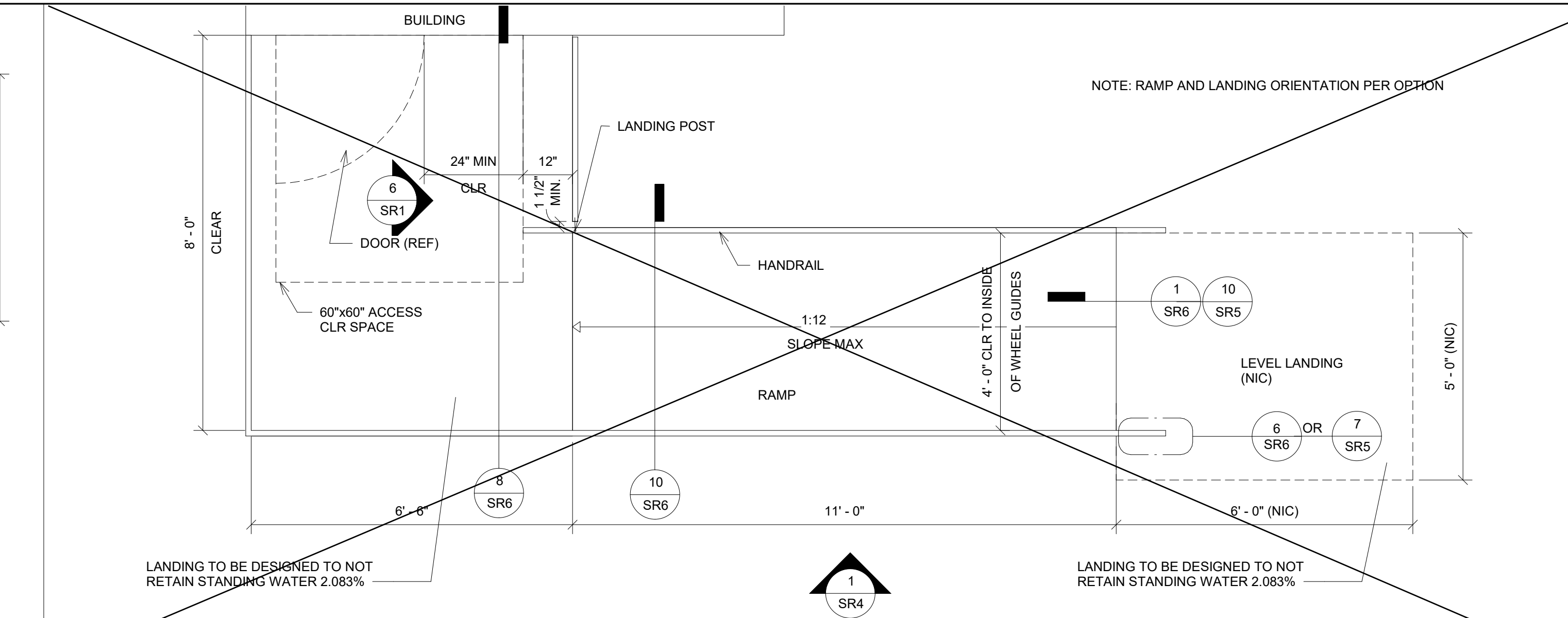
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SHEET NO.
SR0

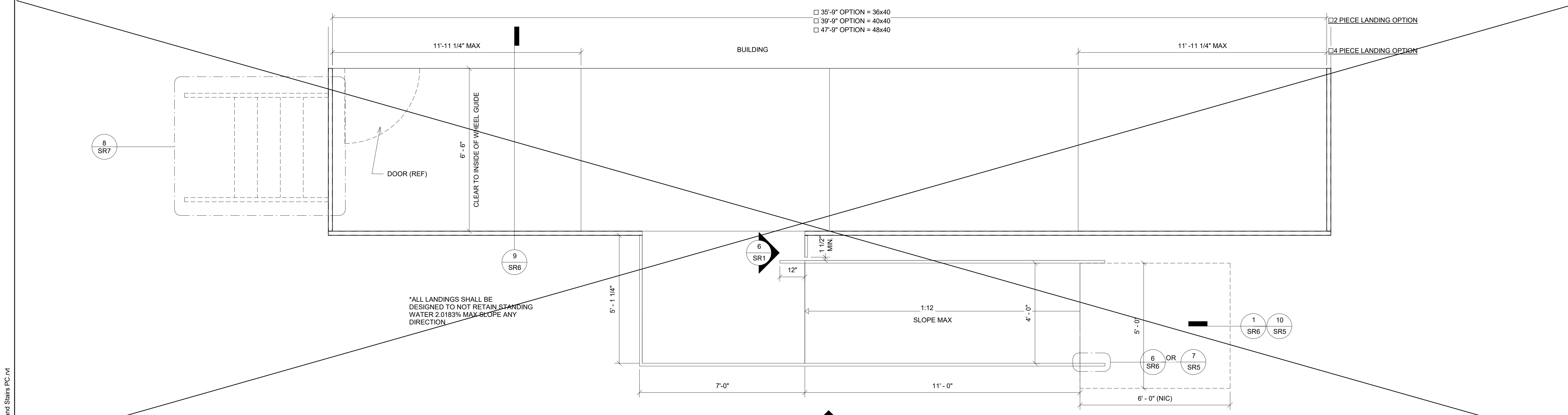
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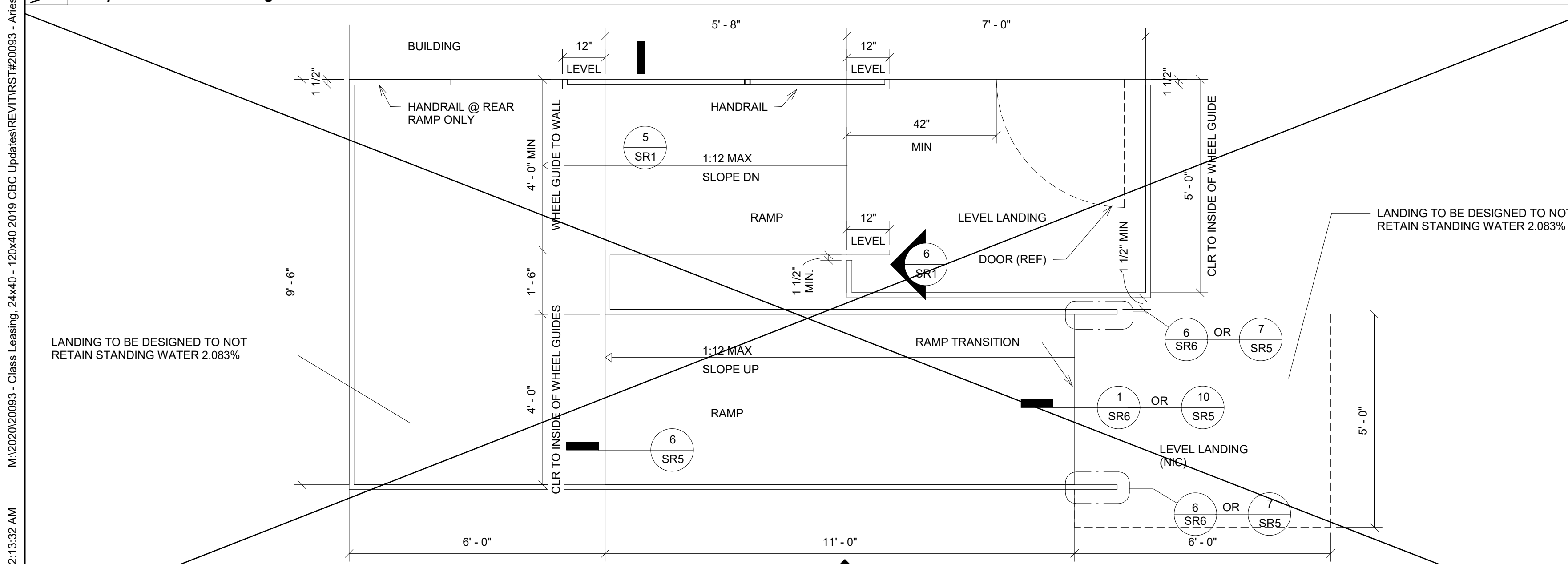
1 1/2" = 1'-0"
Ramp & Landing @ Building



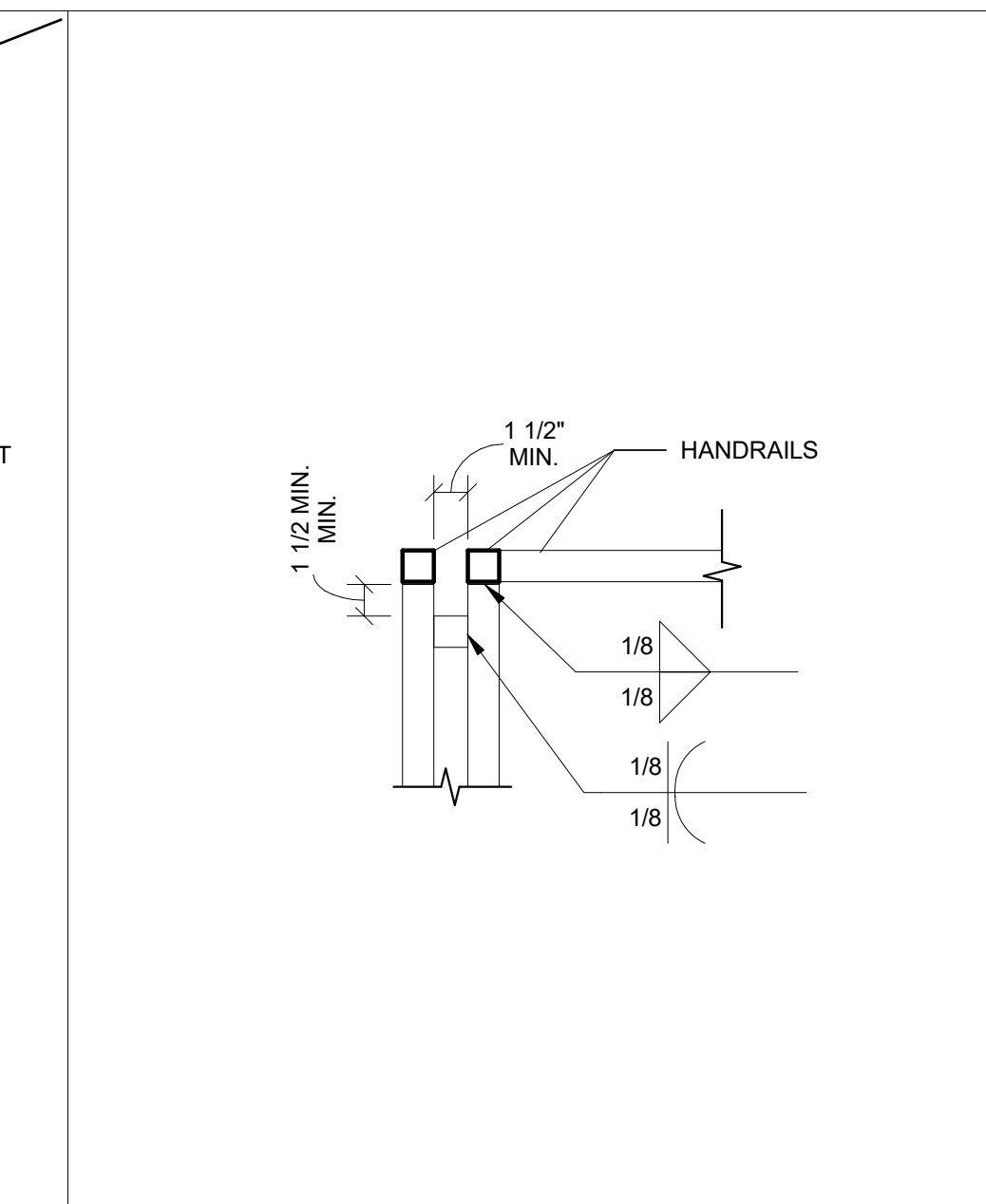
2 1/2" = 1'-0"
Ramp & Landing w/ Offset Ramp



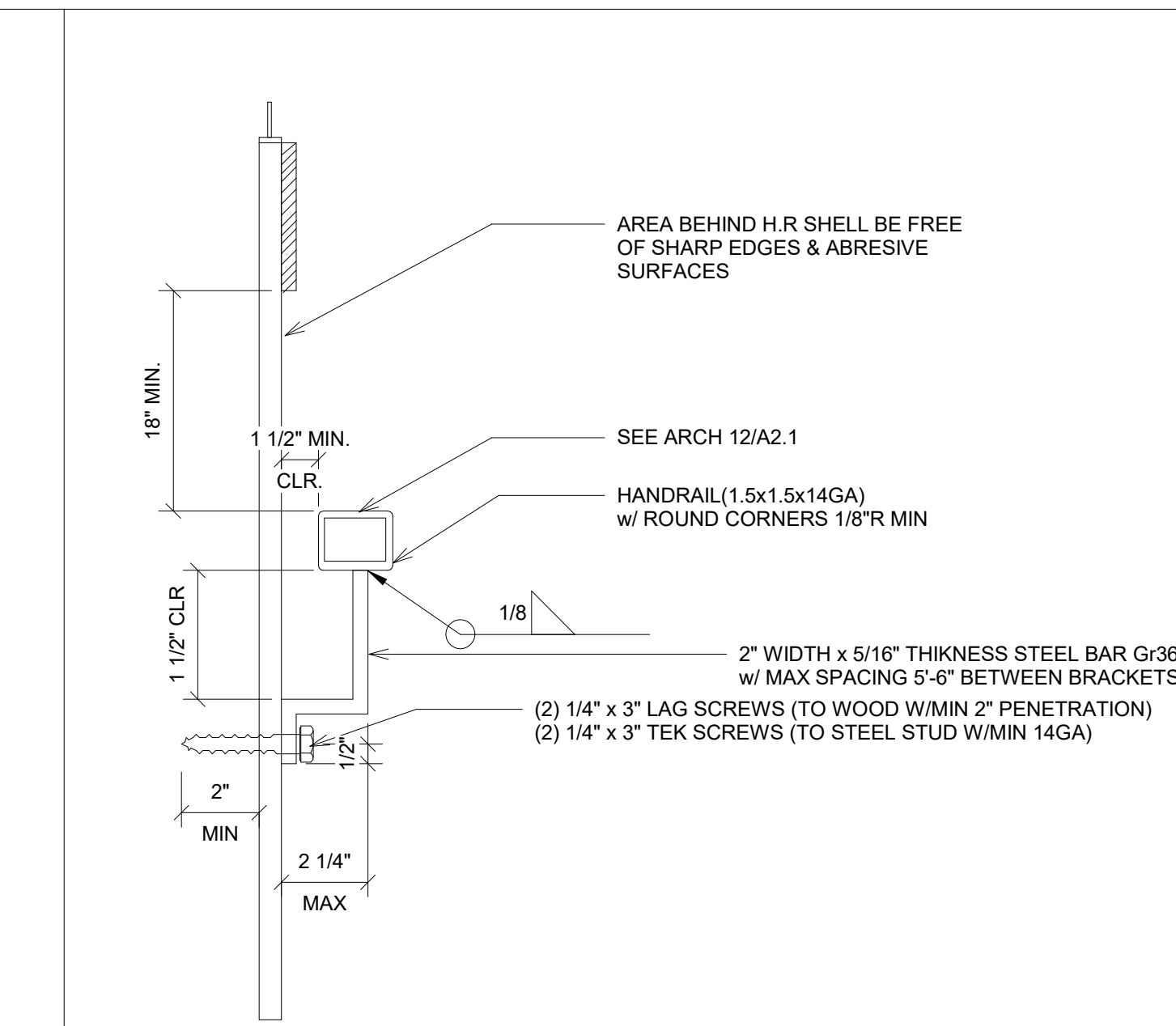
3 1/2" = 1'-0"
Ramp and Platform Landing



4 1/2" = 1'-0"
Ramp & Landing w/ Switch Back Ramp



6 1 1/2" = 1'-0"
RAMP & LANDING CONNECTION @ RAILS



5 3" = 1'-0"
Handrail

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

R&S TAVARES ASSOCIATES
DESIGN & CONSULTING PROJECT MGT
11500 W BERNHARD COURT, SUITE 100
SAN DIEGO, CA 92127
WWW.RSTAVARES.COM

PROFESSIONAL STAMP

Mauricio D. Tavares

PROFESSIONAL ARCHITECT
No. S3380
3.31.2022
STRUCTURAL
STATE OF CALIFORNIA

6.7.2021

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CLIENT

Class Leasing

1320 W. Oleander Ave, Perris CA 92571-7408
VOICE (951) 943-1908/Fax (951) 943-5768

ORIGINAL PC STATE AGENCY APPROVAL

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-119408 PC
REVIEWED FOR
SS FLS ACS CG
DATE: 08/05/2021

Revision Schedule

#	Description	Date

PRE-CHECK (PC) DOCUMENT
Code: 2019 CBC
A separate project application for construction is required

PROJECT TITLE
RAMPS PC

SHEET TITLE
Ramp and Landing Plan

PROJECT NUMBER
20093

DRAWN BY
SM

CHECKED BY
rMc

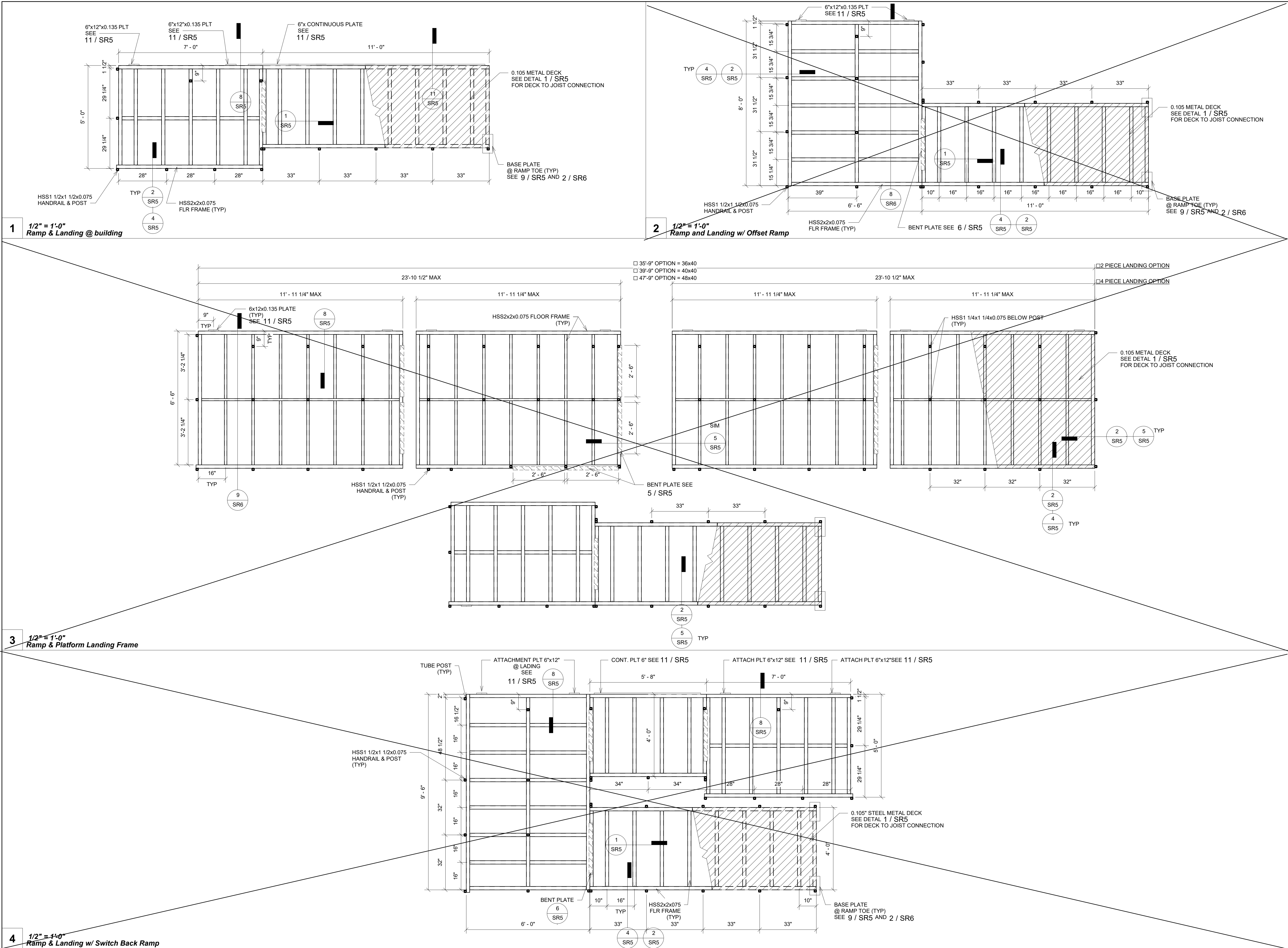
DATE
6/07/2021

SHEET NO.
SR1

SHEET OF

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6/6/2021 12:13:33 AM M:\2020\20093 - Class Leasing, 24x40 - 120x40 2019 CBC Updates\REV\T\SRH\20093 - Arises, Ramps and Stairs PC.rvt



PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

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PROFESSIONAL STAMP

PROFESSIONAL ARCHITECT
No. S3380
3.31.2022
STRUCTURAL
STATE OF CALIFORNIA

6.7.2021

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ORIGINAL PC STATE AGENCY APPROVAL

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-119408 PC
REVIEWED FOR
SS FLS ACS CG
DATE: 08/05/2021

Revision Schedule		
#	Description	Date

PRE-CHECK (PC) DOCUMENT
Code: 2019 CBC
A separate project application for construction is required

PROJECT TITLE
RAMPS PC

SHEET TITLE
Ramp and Landing Framing

PROJECT NUMBER
20093

DRAWN BY
SM

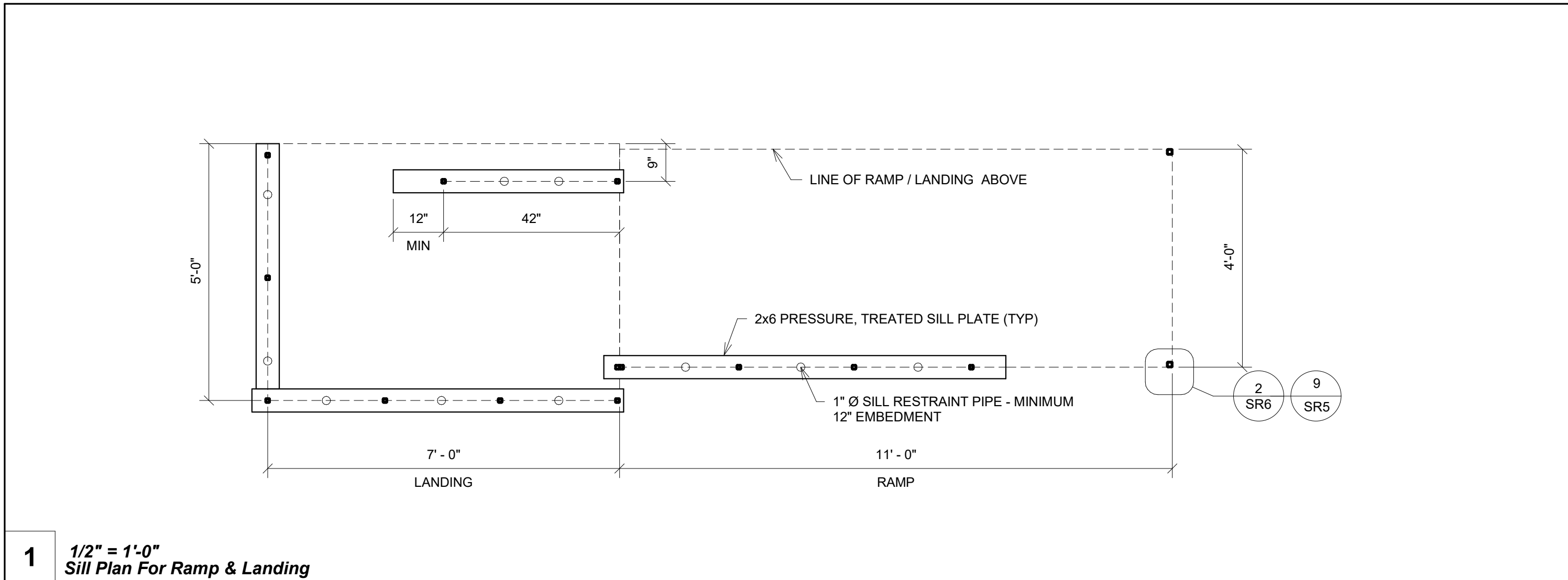
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BR/rMc

DATE
6/07/2021

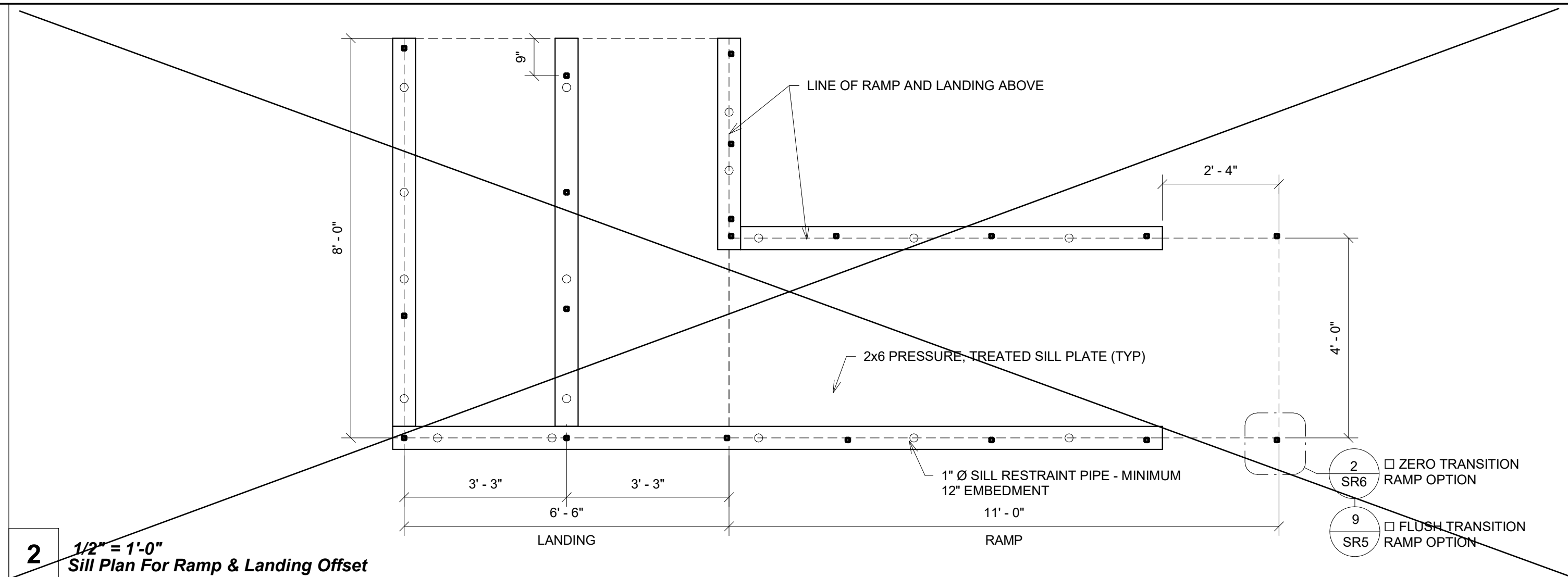
SHEET NO.
SR2

SHEET OF

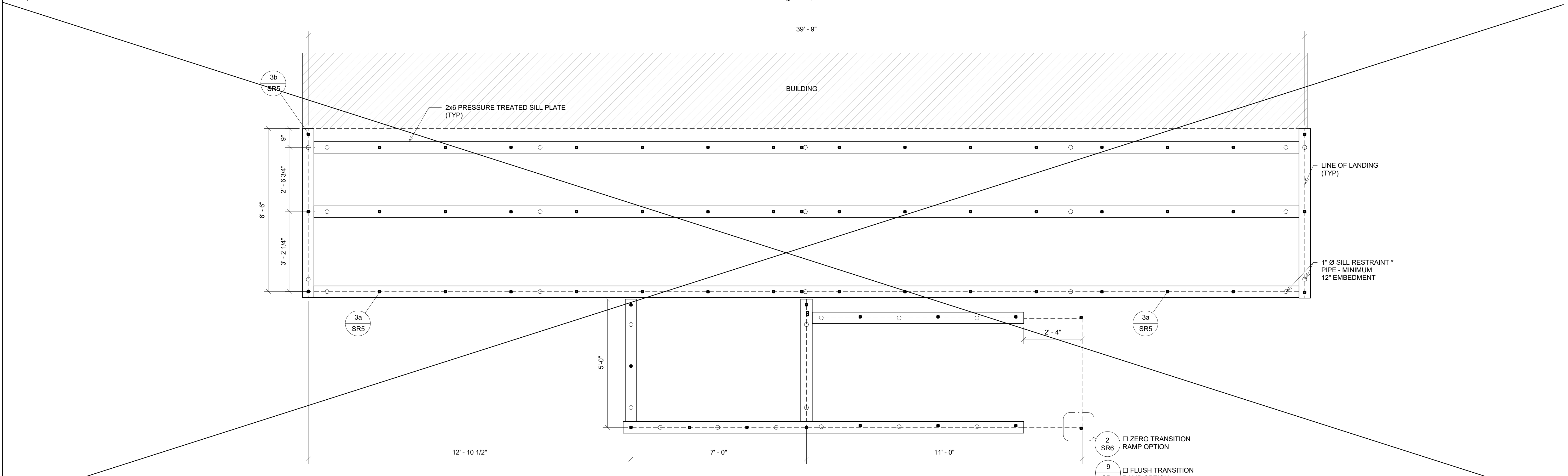
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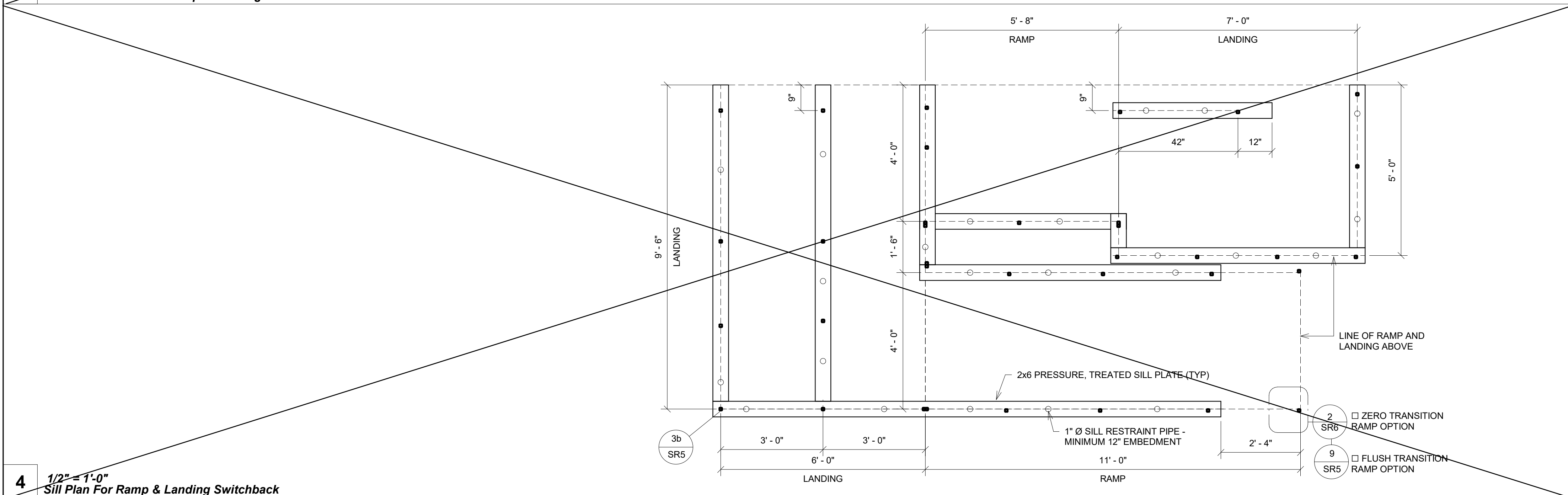
1 1/2" = 1'-0"
Sill Plan For Ramp & Landing



2 1/2" = 1'-0"
Sill Plan For Ramp & Landing Offset



3 1/2" = 1'-0"
Platform Sill Plan For Ramp & Landing



4 1/2" = 1'-0"
Sill Plan For Ramp & Landing Switchback

RESTRAINING PIPES / RODS SPECS
 ONE INCH DIAMETER STANDARD WEIGHT (1.315" ACTUAL 0.0) NOT DIPPED GALVANIZED PIPES OR ONE INCH DIAMETER SOLID STEEL RODS SPACED AT NOT MORE THAN 10'-0" o.c.
 ONE PIPE / ROD SHALL BE LOCATED A MAXIMUM OF TWO FEET FROM EACH CORNER IN BOTH DIRECTIONS AND MINIMUM OF TWO PIPES / RODS PER DISCONTINUOUS FOUNDATION STRIP. PIPES SHOULD PENETRATE INTO SOIL AND/OR PAVING A MIN. OF 12" MEASURED VERTICALLY. PER DSA IR 16-1.13

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-121488 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 6/29/2023

R&S TAVARES ASSOCIATES
 DESIGN & CONSULTING PROJECT MGT
 11500 W BERNHARD COURT, SUITE 100
 SAN DIEGO, CA 92127
 WWW.RSTAVARES.COM

PROFESSIONAL STAMP

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ORIGINAL PC STATE AGENCY APPROVAL

APPROVED
 DIV. OF THE STATE ARCHITECT
 APP: 04-119408 PC
 REVIEWED FOR
 SS FLS ACS CG
 DATE: 08/05/2021

Revision Schedule		
#	Description	Date

PRE-CHECK (PC) DOCUMENT
 Code: 2019 CBC
 A separate project application for construction is required

PROJECT TITLE
RAMPS PC

SHEET TITLE
Foundation Plan

PROJECT NUMBER
 20093

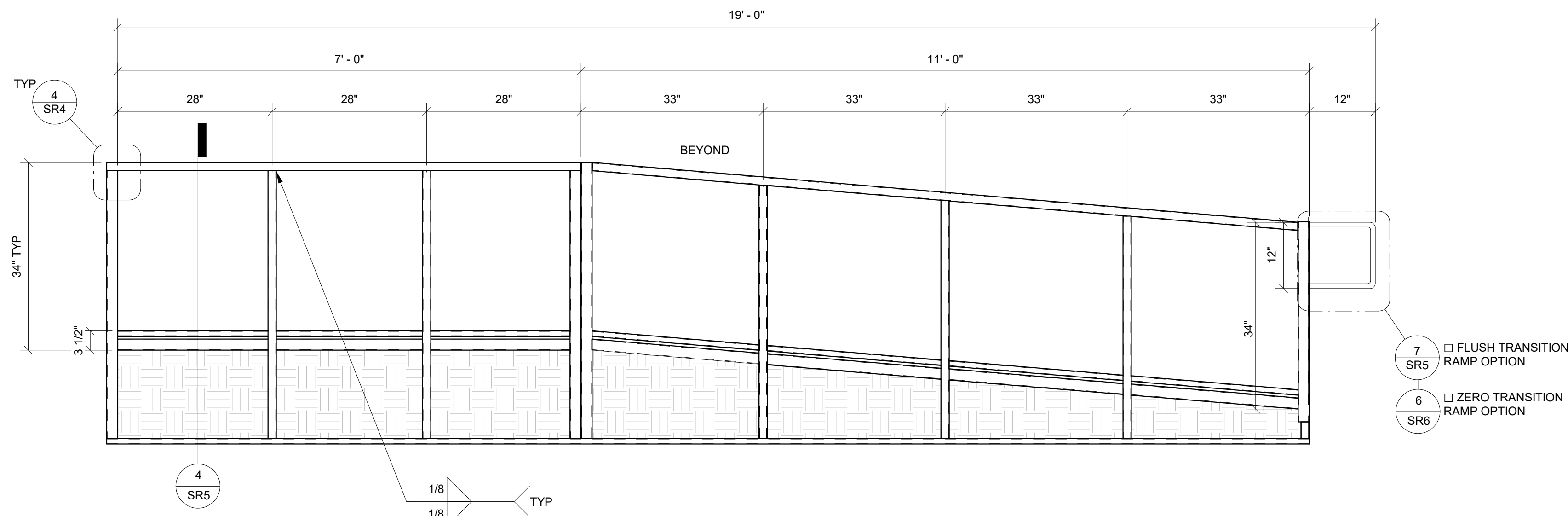
DRAWN BY
 SM

CHECKED BY
 rMc

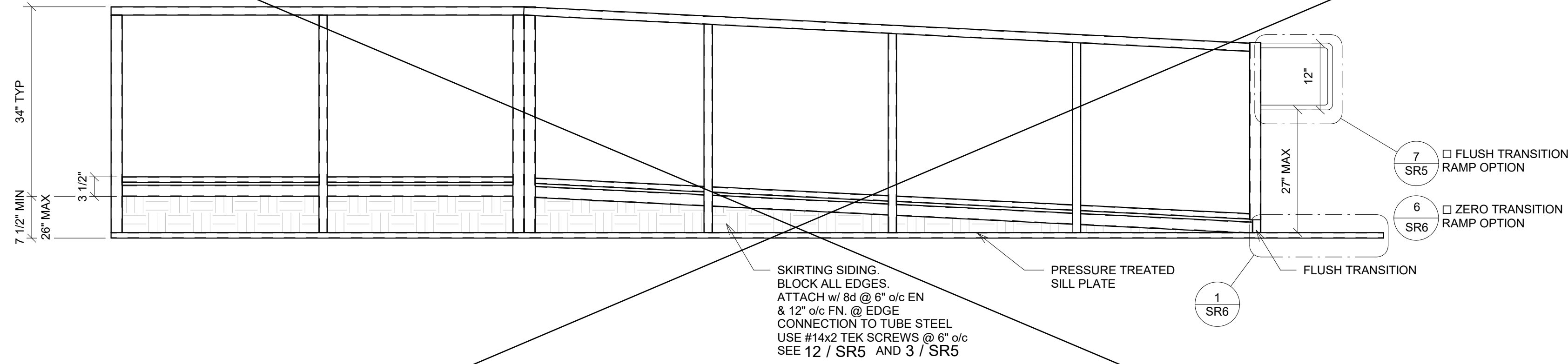
DATE
 6/07/2021

SHEET NO.
SR3

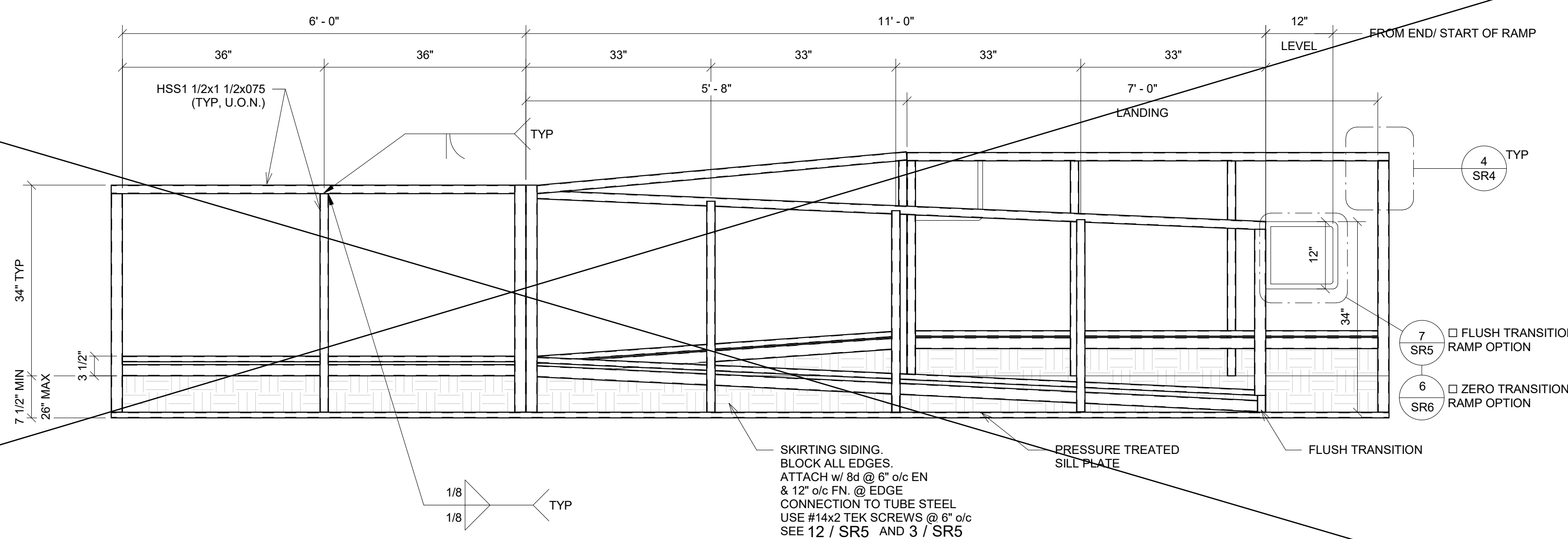
SHEET OF



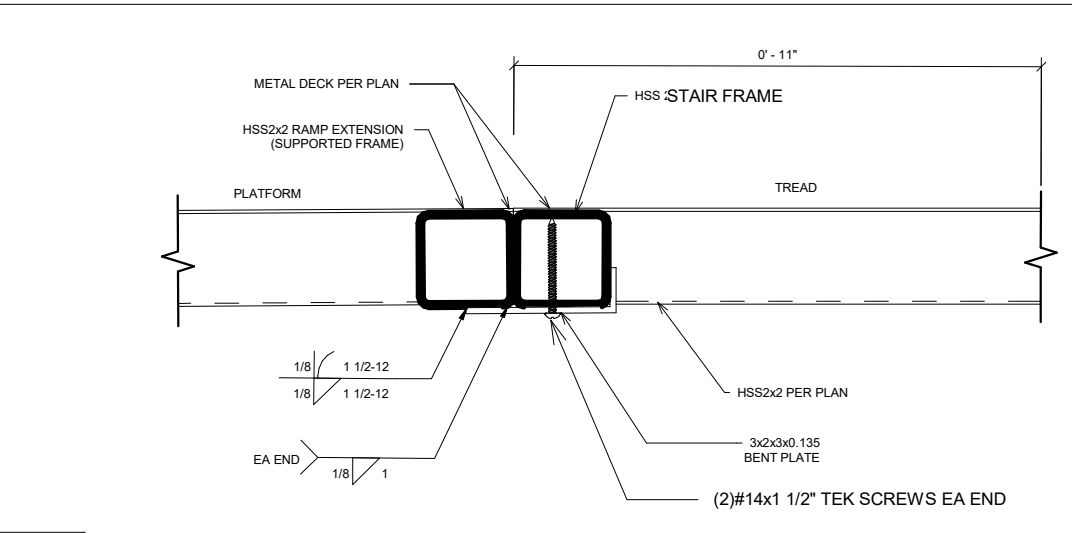
1 3/4" = 1'-0" Ramp & Landing Elevation



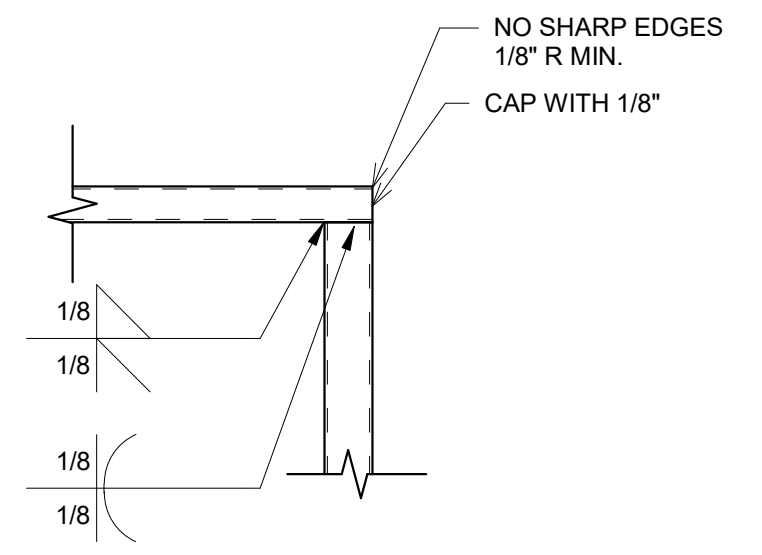
2 3/4" = 1'-0" Ramp & Landing Elevation Option X Copy 1



3 3/4" = 1'-0" Ramp & Landing Elevation Option X



5 3" = 1'-0" Conn @ Platform



4 1 1/2" = 1'-0" Ramp & Landing Elevation Option X1 - Callout 1

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

R&S TAVARES ASSOCIATES
DESIGN & CONSULTING & PROJECT MGT
11500 W BERNHARD COURT, SUITE 100
SAN DIEGO, CA 92127
WWW.RSTAVARES.COM

PROFESSIONAL STAMP
Manuel D. Tavares
PROFESSIONAL ARCHITECT
No. S3380
3.31.2022
STRUCTURAL
STATE OF CALIFORNIA
6.7.2021

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Class Leasing
1320 W. Oleander Ave, Perris CA 92571-7408
VOICE (951) 943-1908 Fax (951) 943-5768

ORIGINAL PC STATE AGENCY APPROVAL

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-119408 PC
REVIEWED FOR
SS FLS ACS CG
DATE: 08/05/2021

Revision Schedule

#	Description	Date

PRE-CHECK (PC) DOCUMENT
Code: 2019 CBC
A separate project application for construction is required

PROJECT TITLE
RAMPS PC

SHEET TITLE
Ramp and Landing / Stair Framing Elevation

PROJECT NUMBER
20093

DRAWN BY
SM

CHECKED BY
rMc

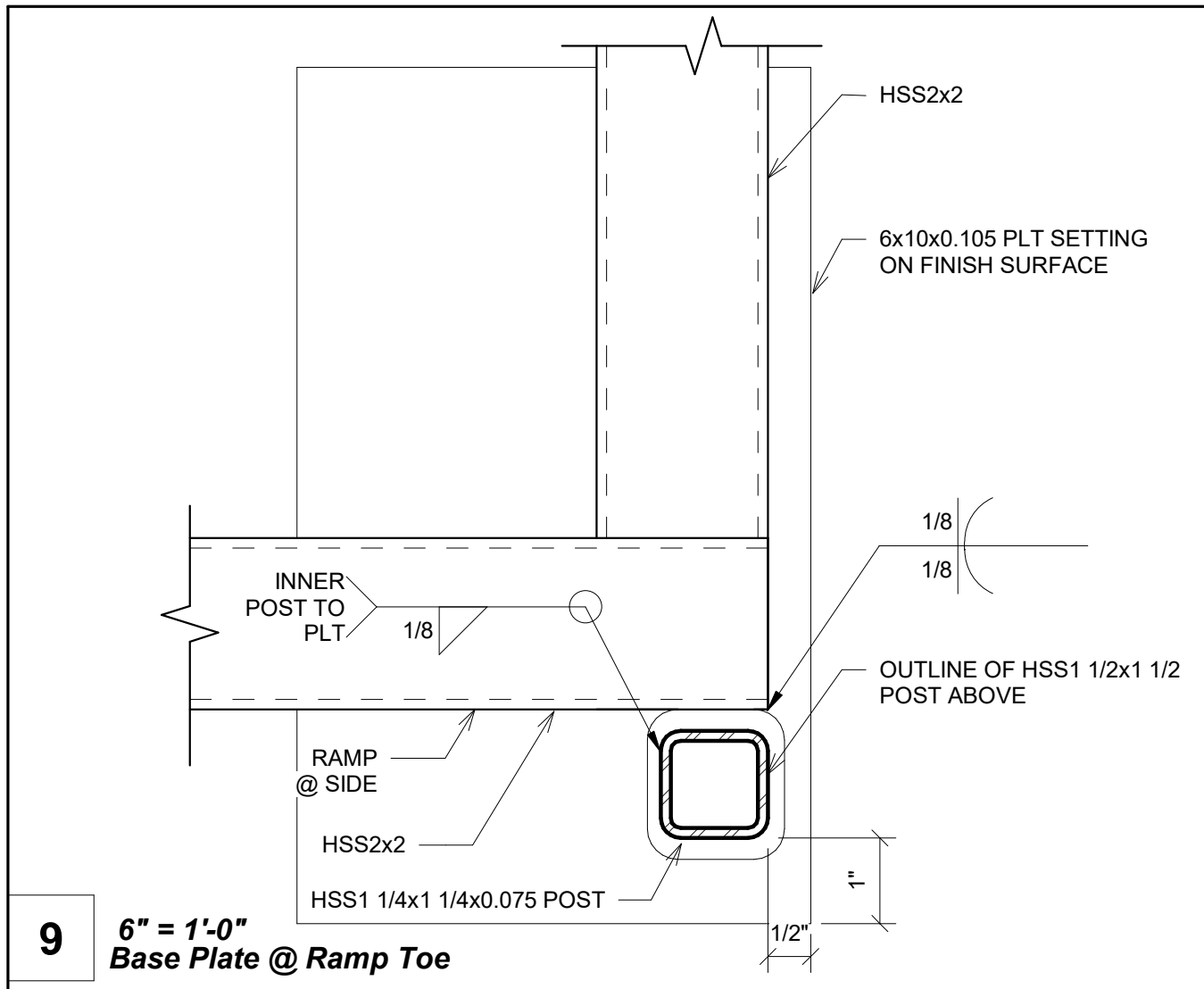
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6/07/2021

SHEET NO.
SR4

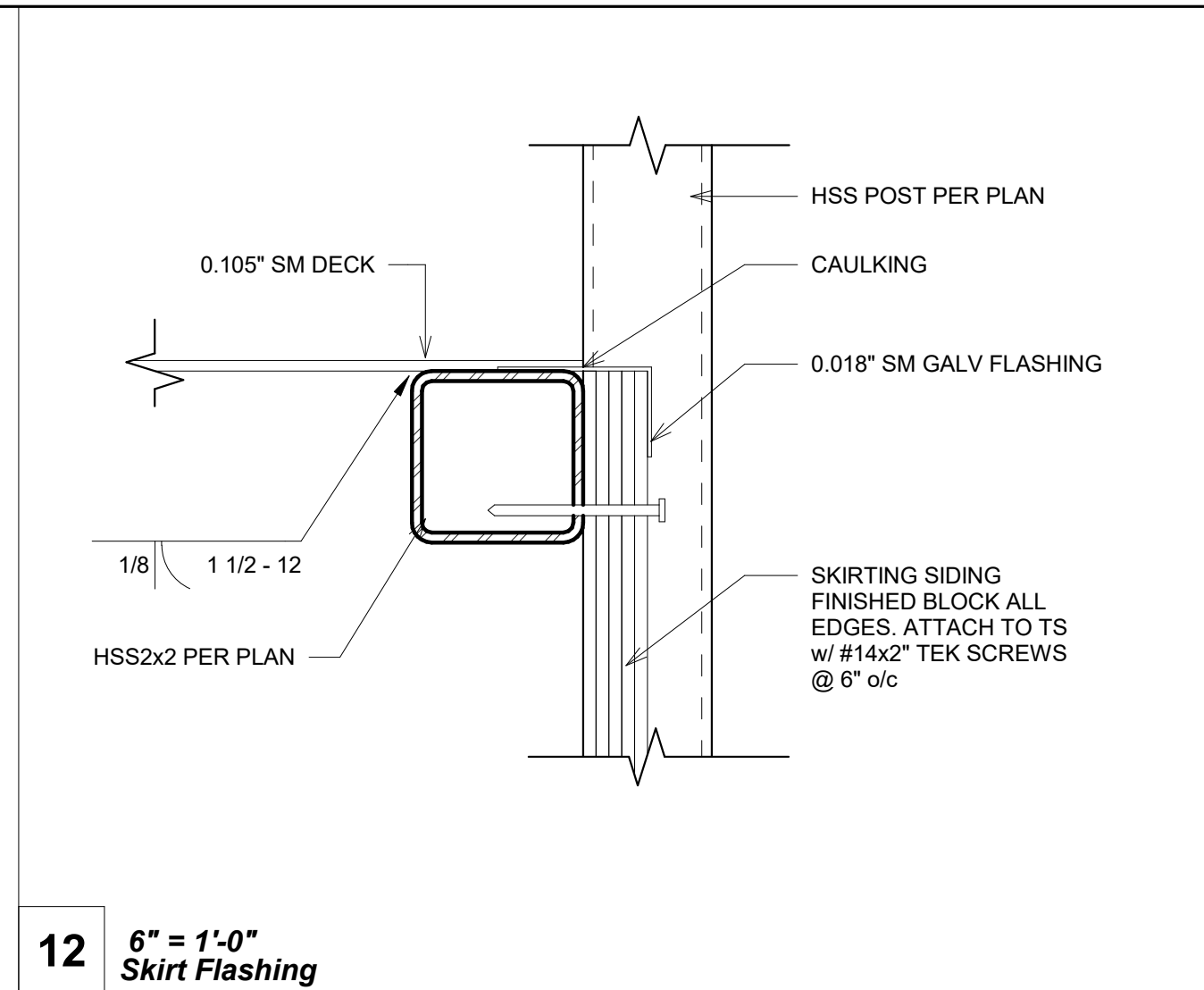
SHEET OF

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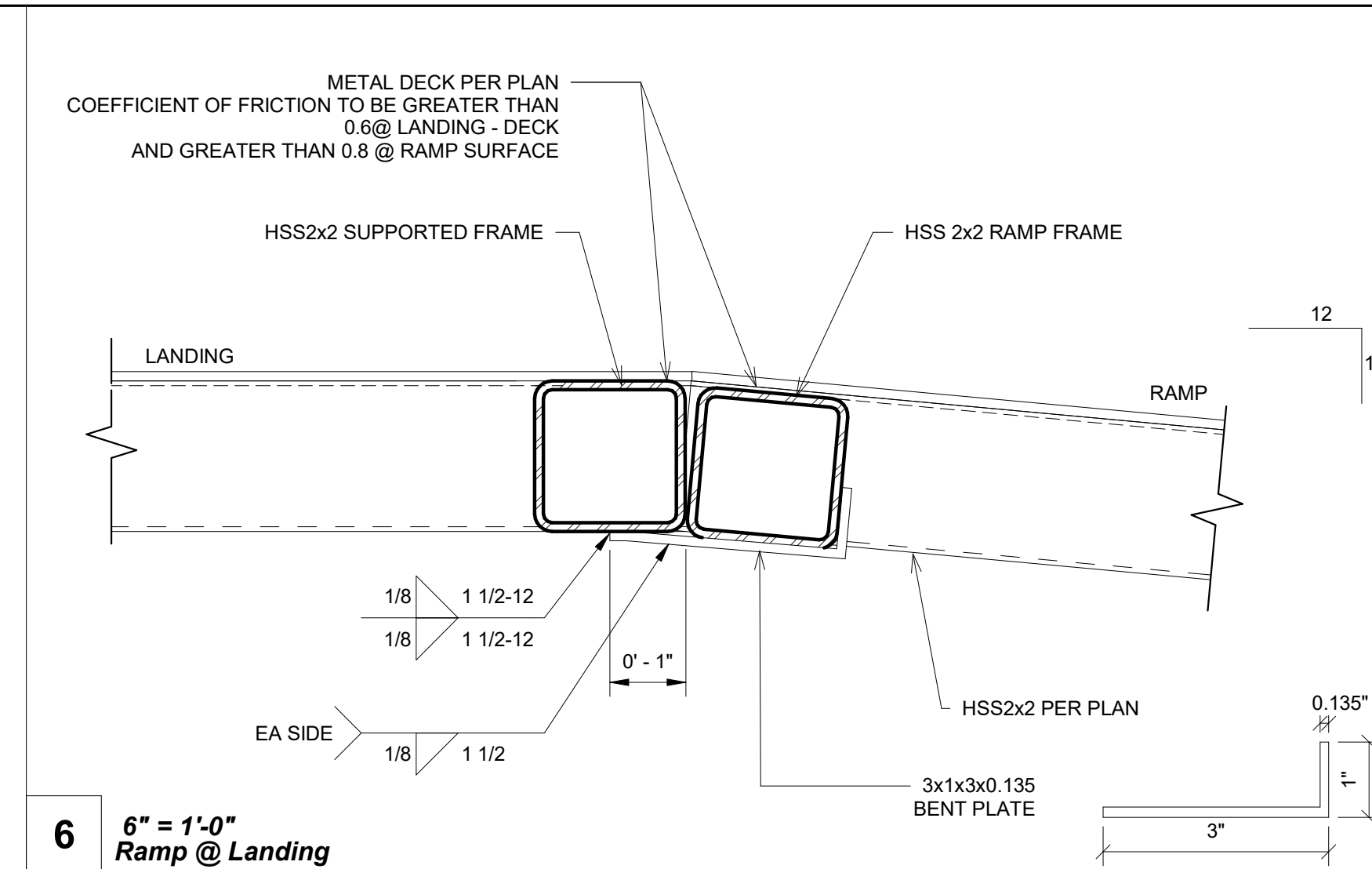
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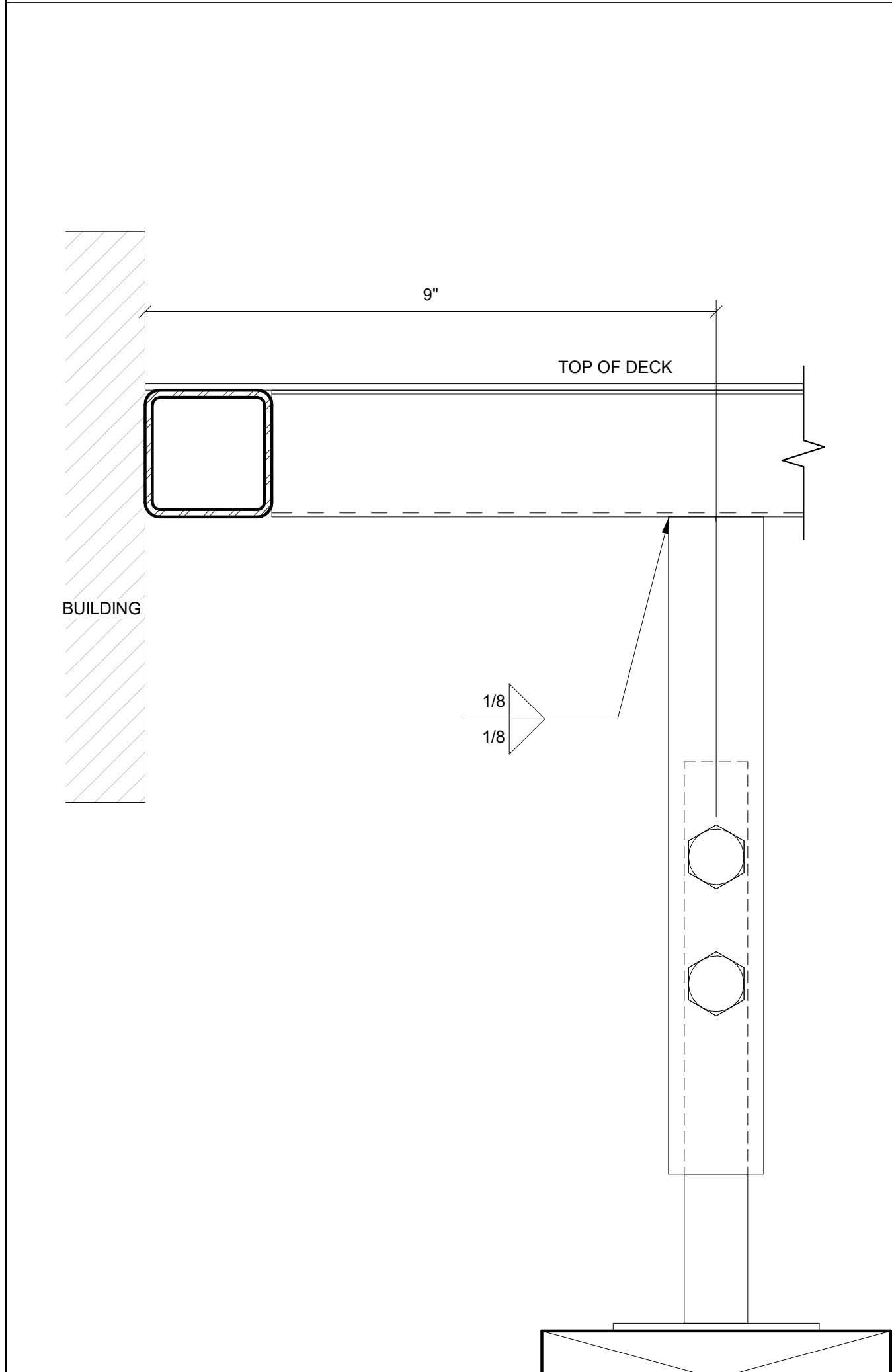
9 6" = 1'-0"
Base Plate @ Ramp Toe



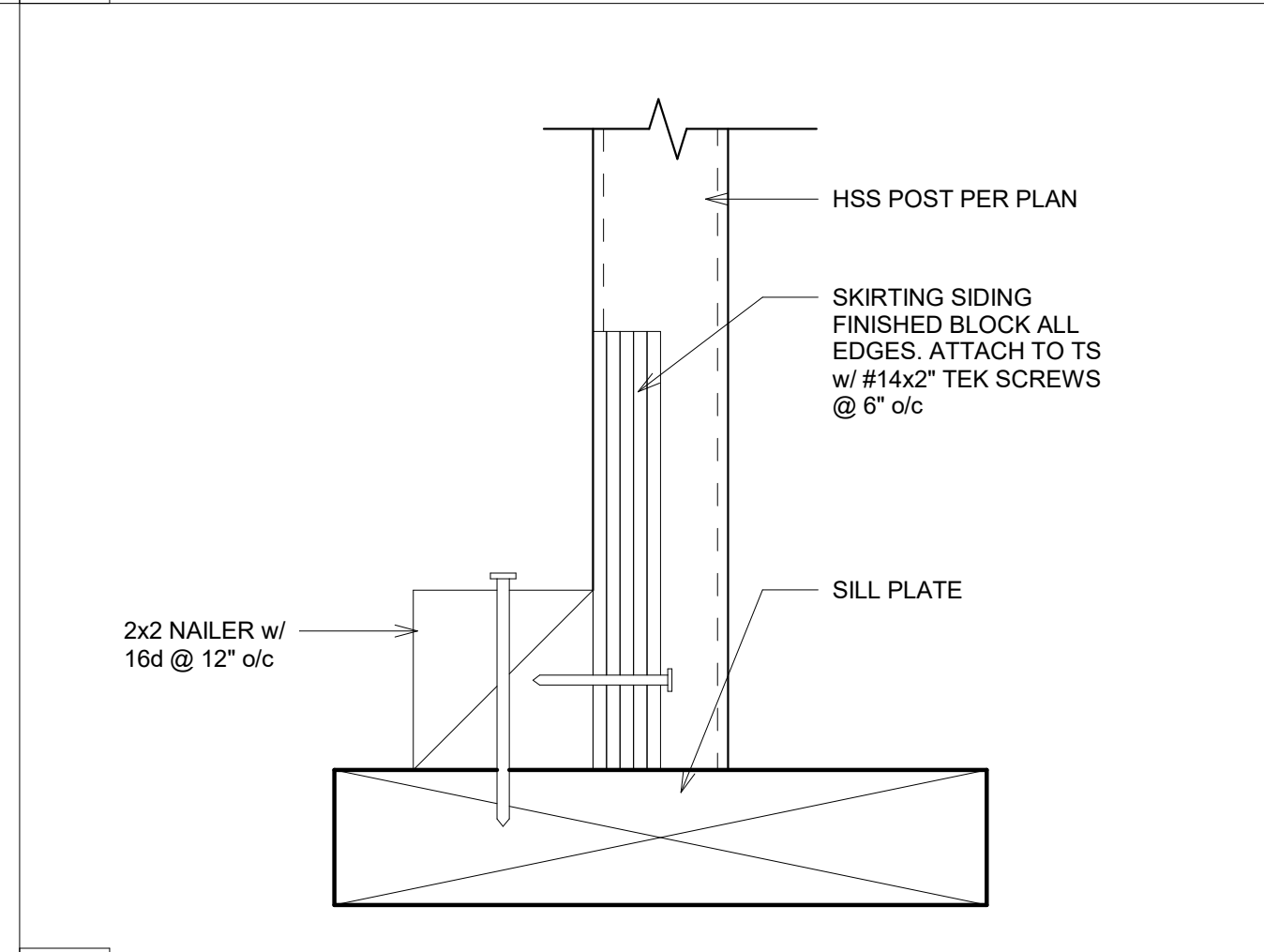
12 6" = 1'-0"
Skirt Flashing



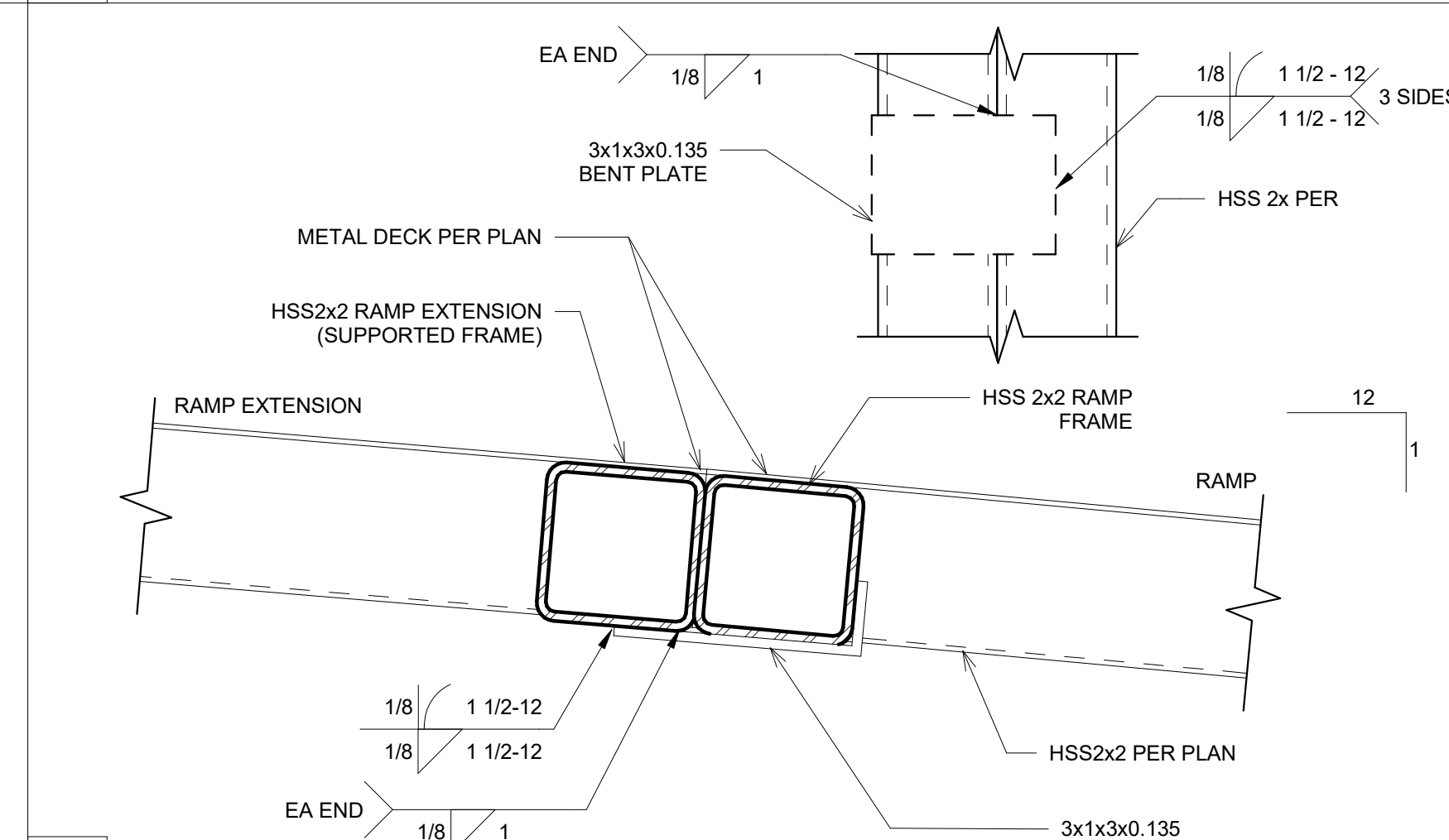
6 6" = 1'-0"
Ramp @ Landing



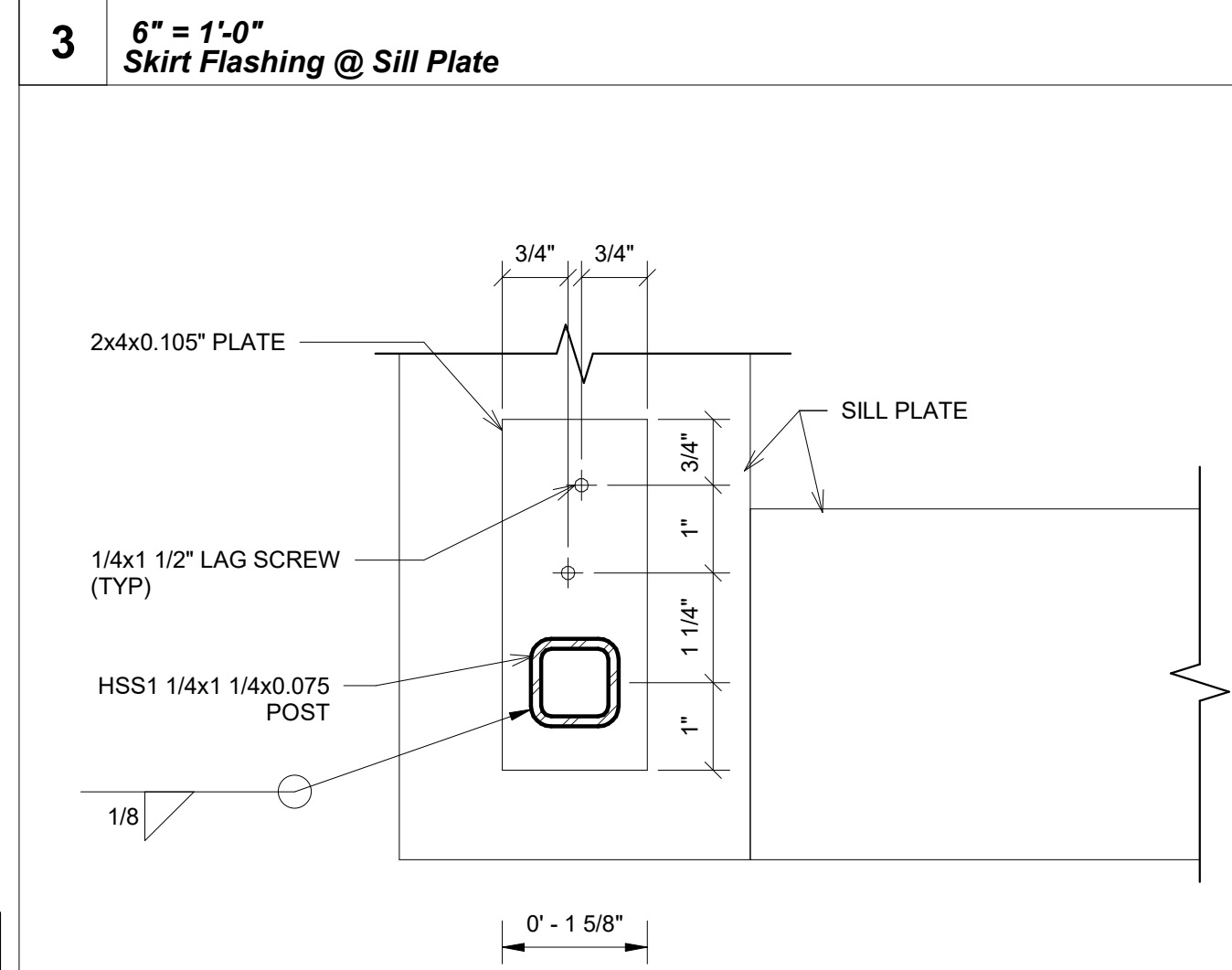
8 6" = 1'-0"
Interior Landing Leg Section



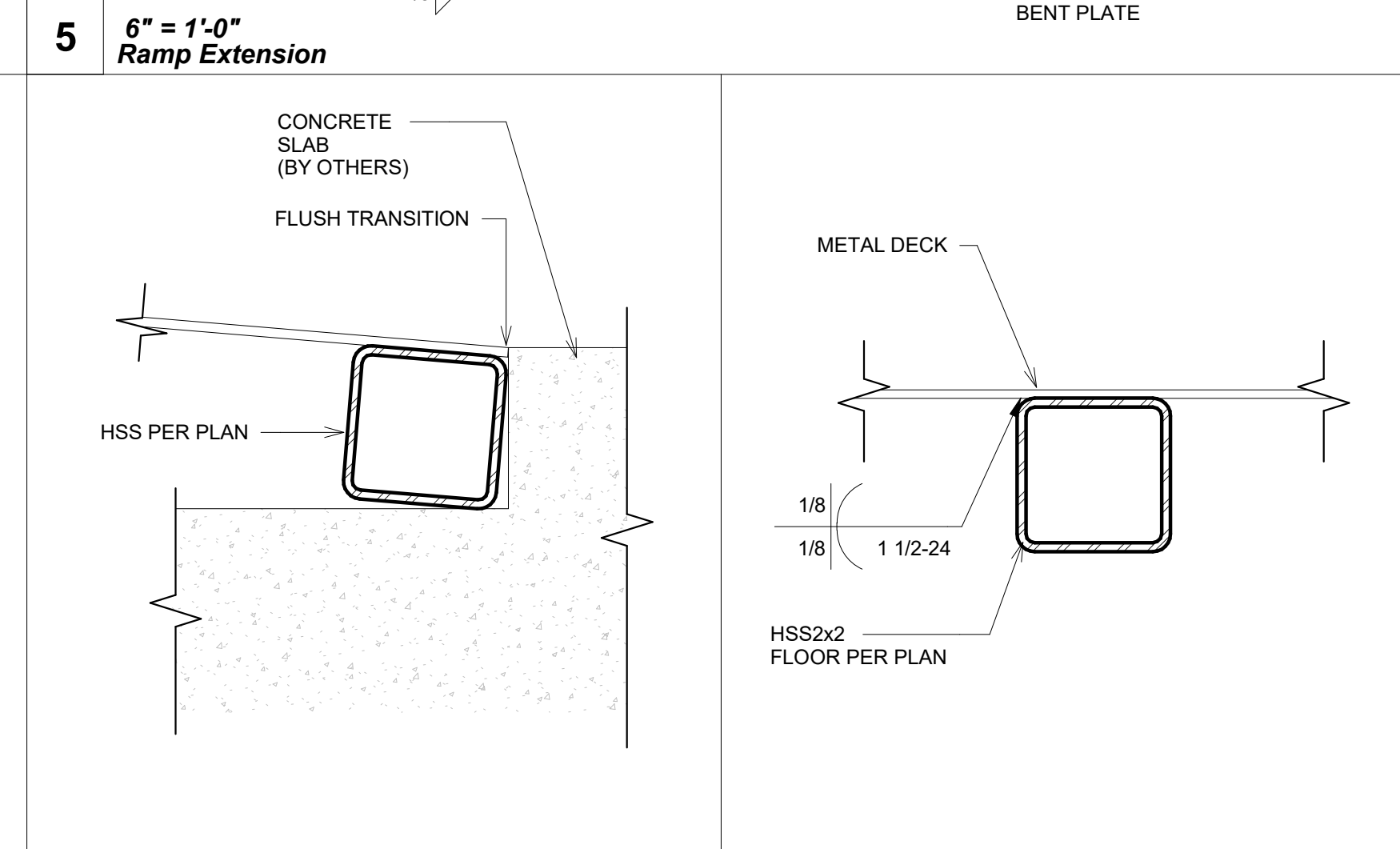
3 6" = 1'-0"
Skirt Flashing @ Sill Plate



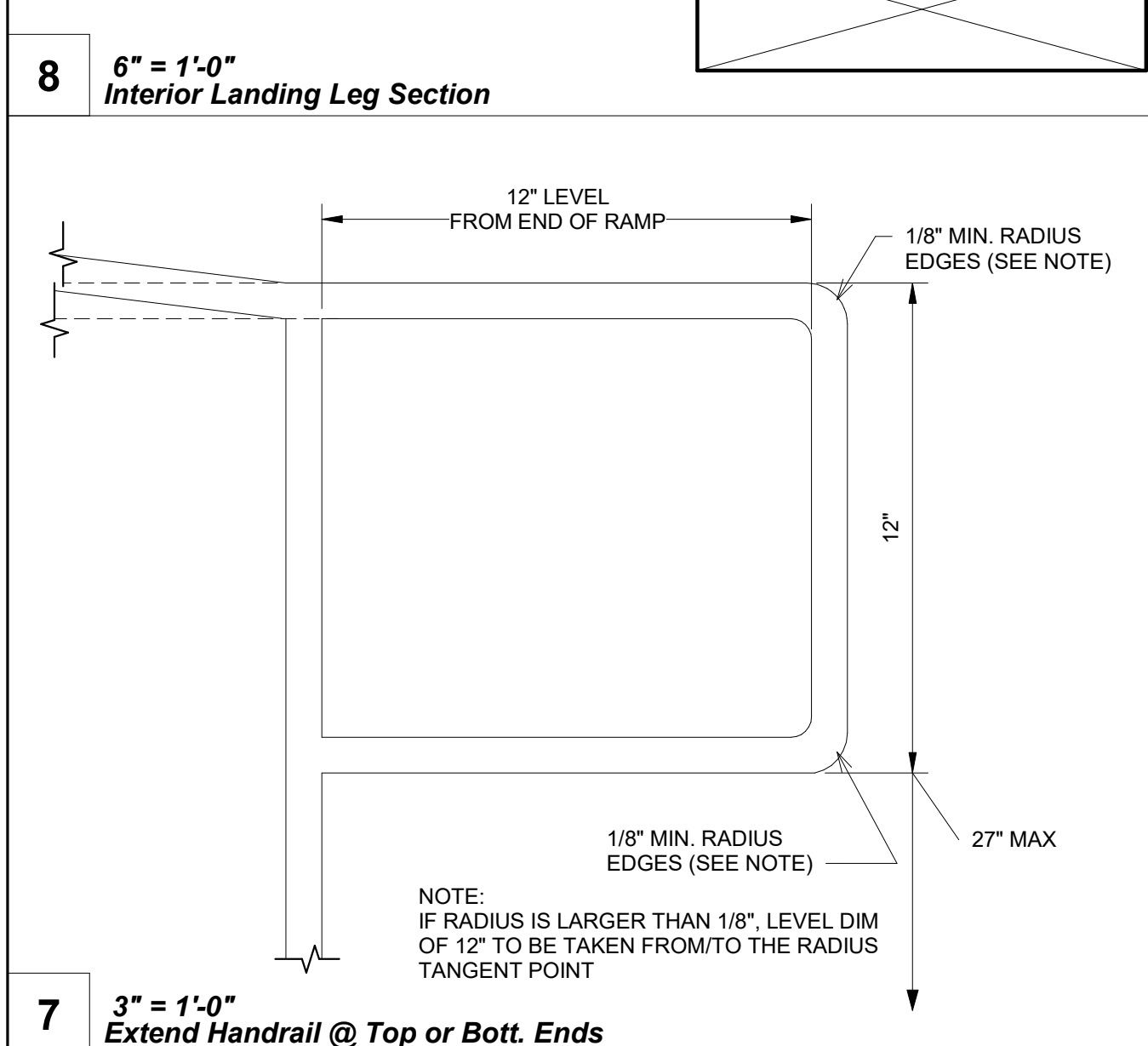
5 6" = 1'-0"
Ramp Extension



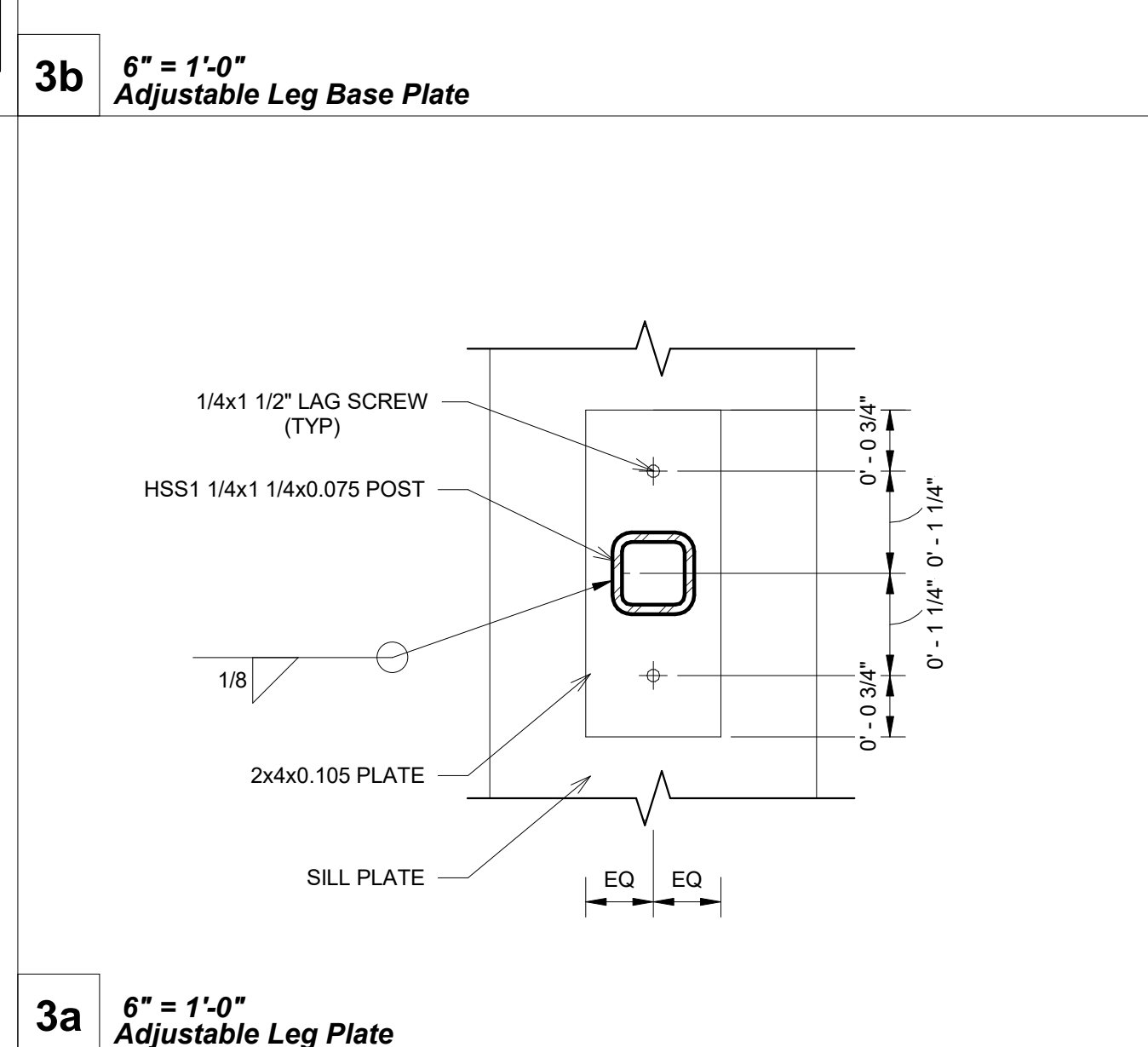
3b 6" = 1'-0"
Adjustable Leg Base Plate



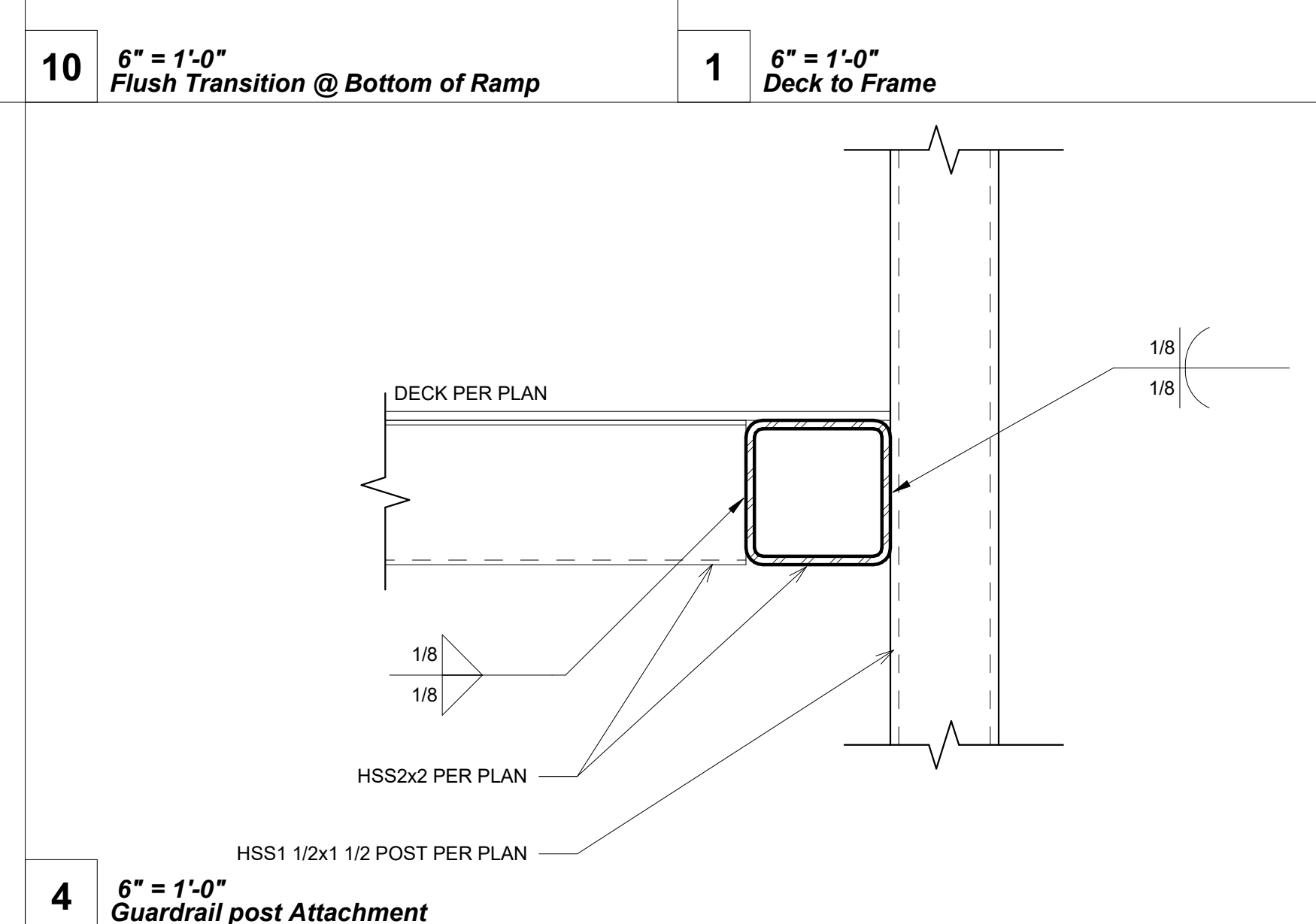
10 6" = 1'-0"
Flush Transition @ Bottom of Ramp



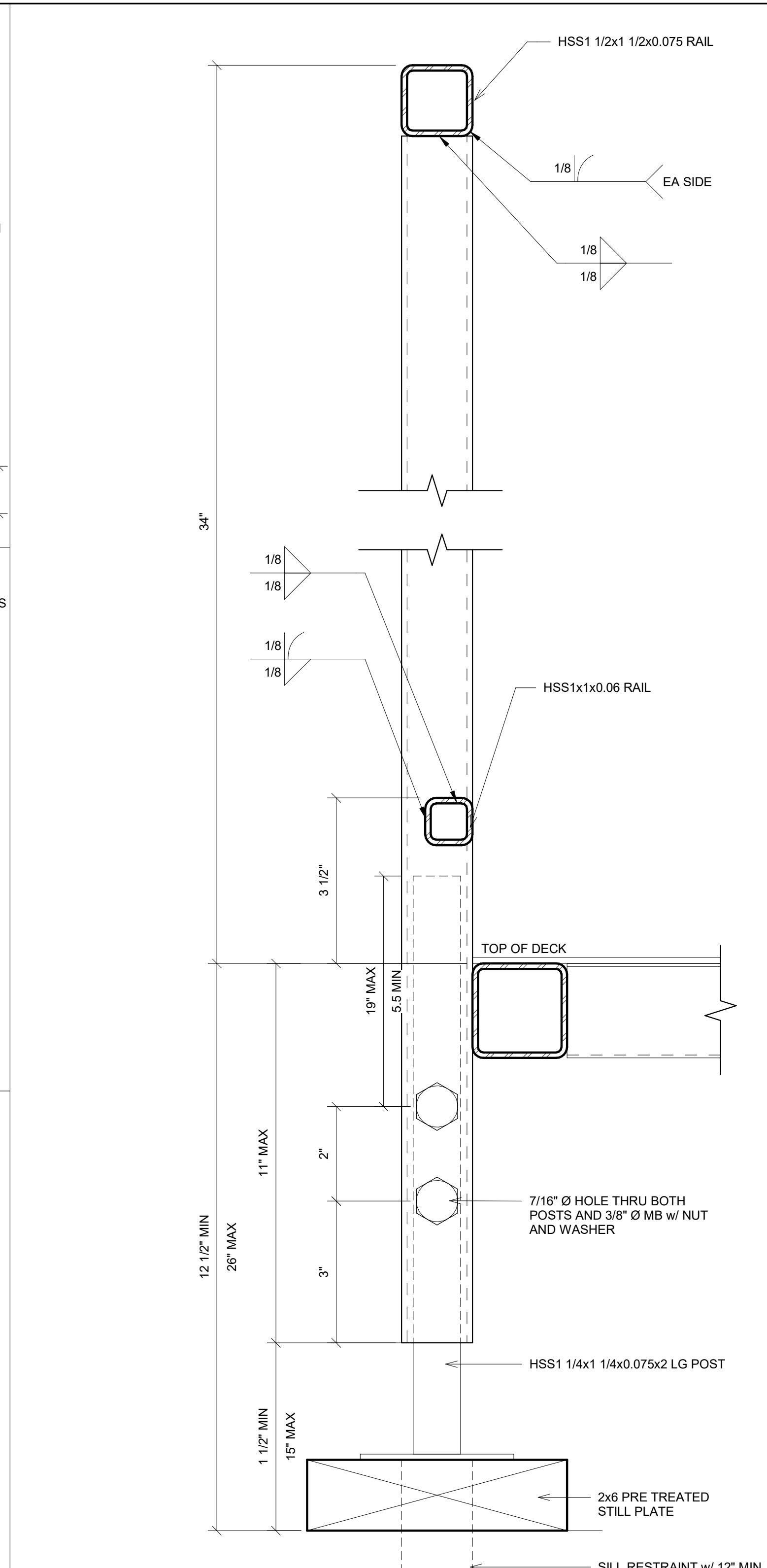
7 3" = 1'-0"
Extend Handrail @ Top or Bott. Ends



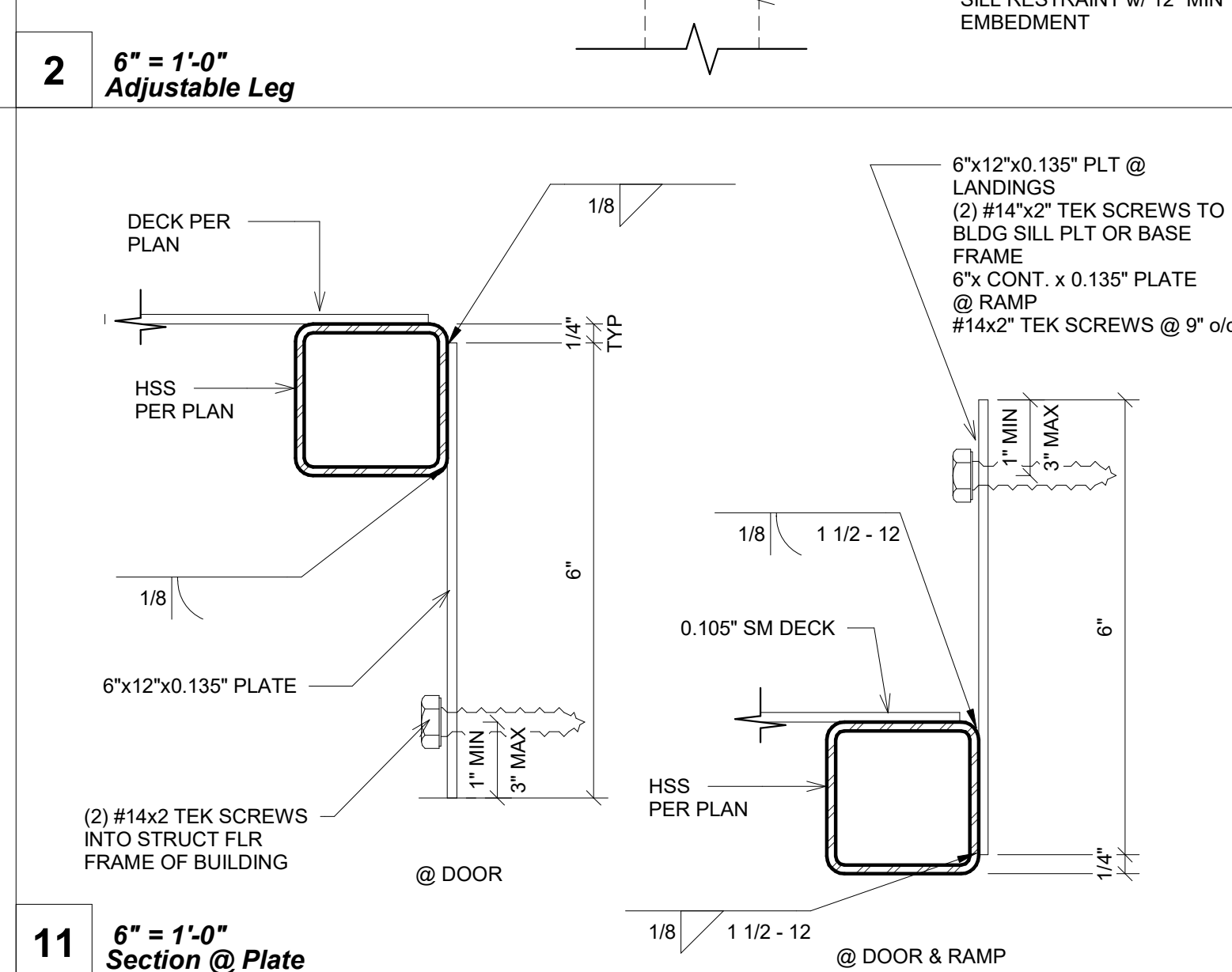
3a 6" = 1'-0"
Adjustable Leg Plate



4 6" = 1'-0"
Guardrail post Attachment



2 6" = 1'-0"
Adjustable Leg



11 6" = 1'-0"
Section @ Plate

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP: 02-121488 INC:
REVIEWED FOR
SS FLS ACS
DATE: 6/29/2023

R&S TAVARES ASSOCIATES
DESIGN & CONSULTING & PROJECT MGT
11500 W BERNARD COURT, SUITE 100
SAN DIEGO, CA 92127
WWW.RSTAVARES.COM

PROFESSIONAL STAMP

Manuel Tavares
PROFESSIONAL ARCHITECT
No. S3380
3.31.2022
STRUCTURAL
STATE OF CALIFORNIA
6.7.2021

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CLIENT

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1320 W. Oleander Ave, Perris CA 92571-7408
VOICE (951) 943-1908 Fax (951) 943-5768

ORIGINAL PC STATE AGENCY APPROVAL

APPROVED
DIV. OF THE STATE ARCHITECT
APP: 04-119408 PC
REVIEWED FOR
SS FLS ACS CG
DATE: 08/05/2021

Revision Schedule		
#	Description	Date

PRE-CHECK (PC) DOCUMENT
Code: 2019 CBC
A separate project application for construction is required

PROJECT TITLE
RAMPS PC

SHEET TITLE
Ramp Details

PROJECT NUMBER
20093

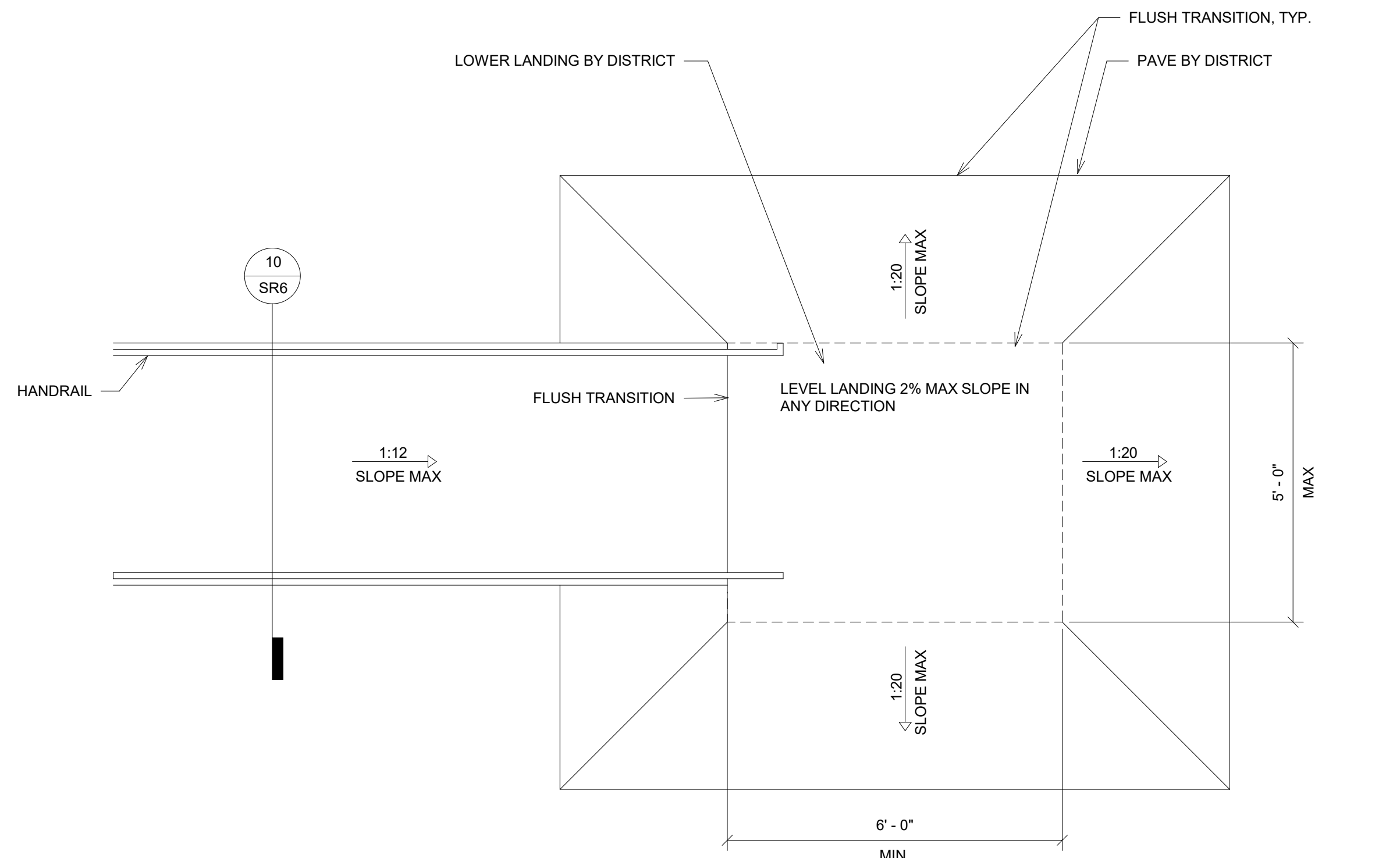
DRAWN BY
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CHECKED BY
rMc

DATE
6/07/2021

SHEET NO.
SR5

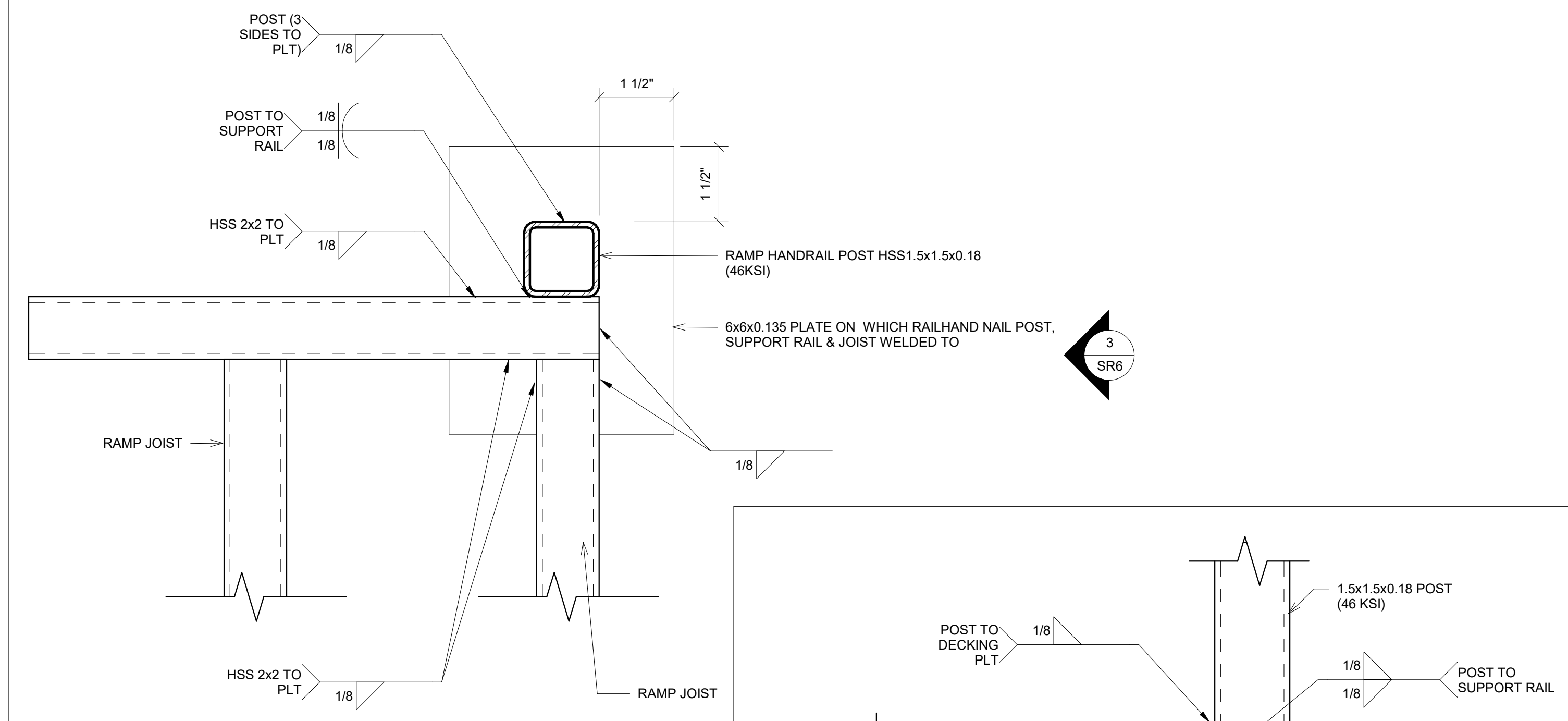
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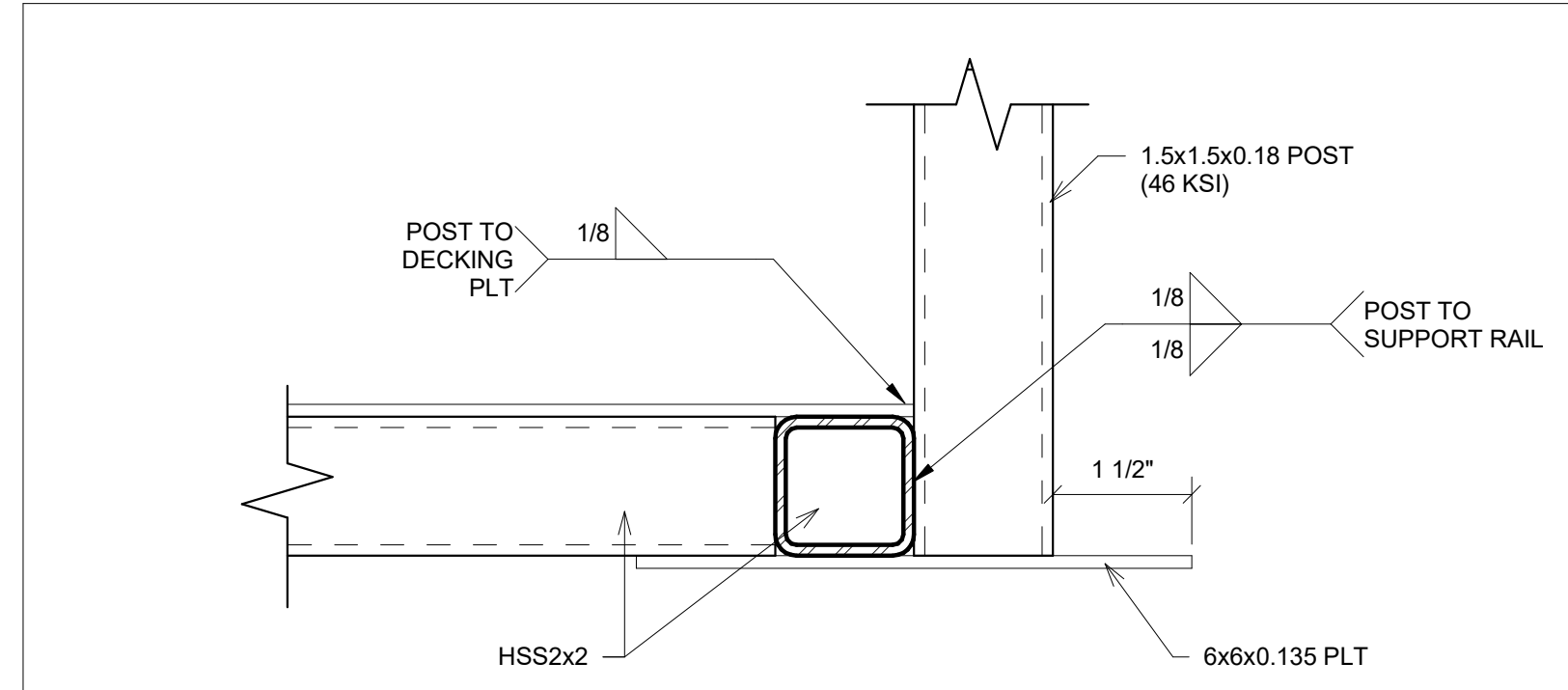
NOTE:
 1. 1:20 TRANSITION OFF OF LOWER LANDING REQUIRES NO HANDRAIL.
 2. TRANSITIONS EXCEEDING 1:20 BUT NOT EXCEED 1:12 REQUIRE REMOVAL OF 12" HANDRAIL EXTENSION AND ADDITIONAL HANDRAILING BY DISTRICT. (THIS CONDITION REQUIRES A SITE SPECIFIC DETAIL PROVIDED BY ARCHITECT TO DEMONSTRATE ACCESSIBLE RAMP)

LANDING TO BE DESIGNED TO NOT RETAIN STANDING WATER 1% 1% 2.083 MAX SLOPE

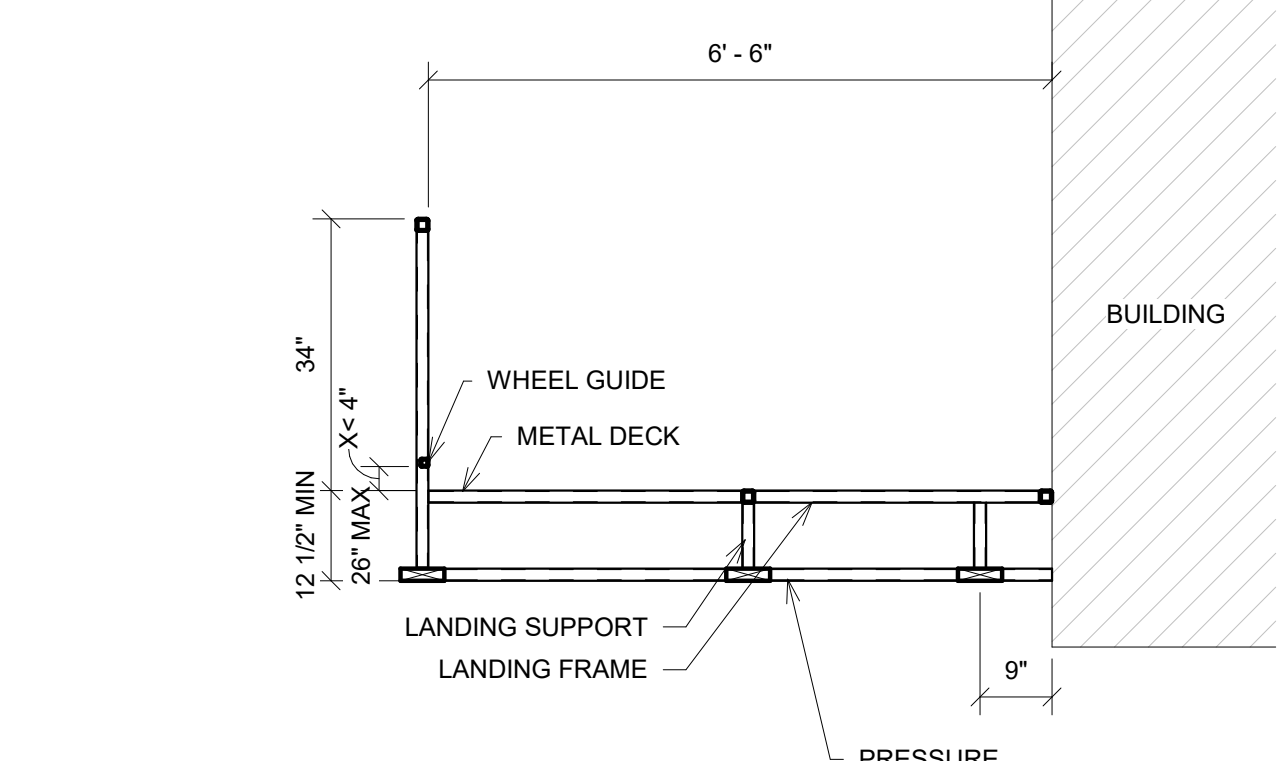
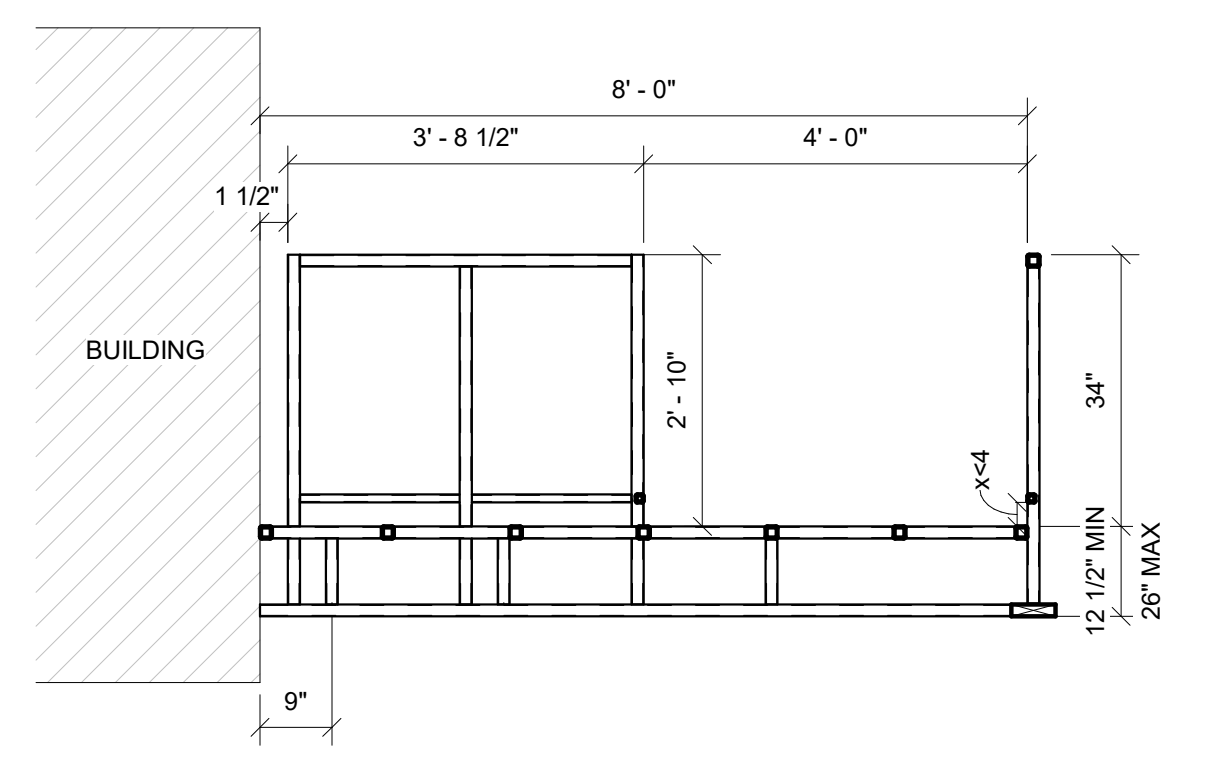
7 1/2" = 1'-0" Ramp Transition



2 6" = 1'-0" Base Plt @ Ramp Toe For Zero Transition

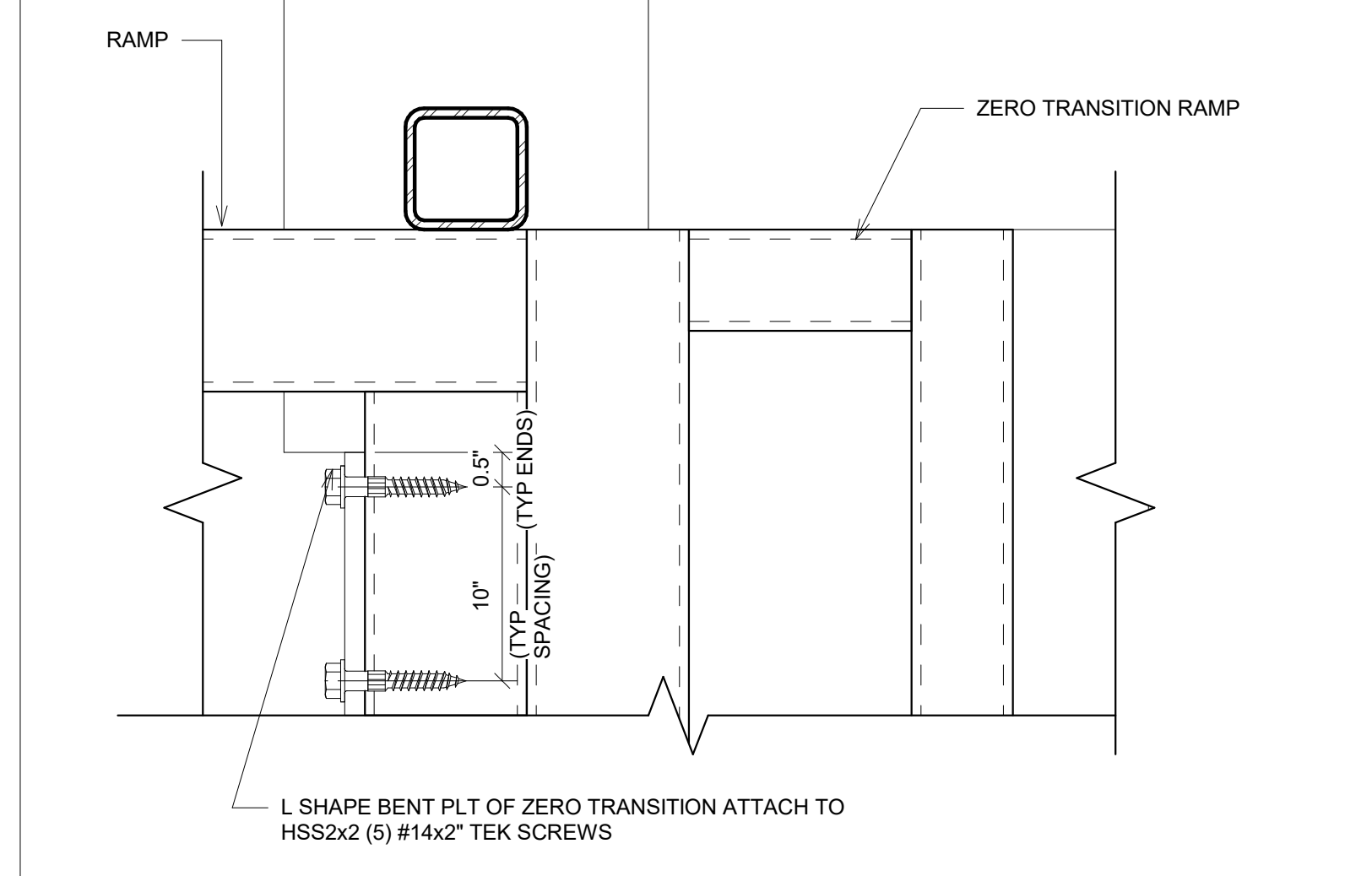
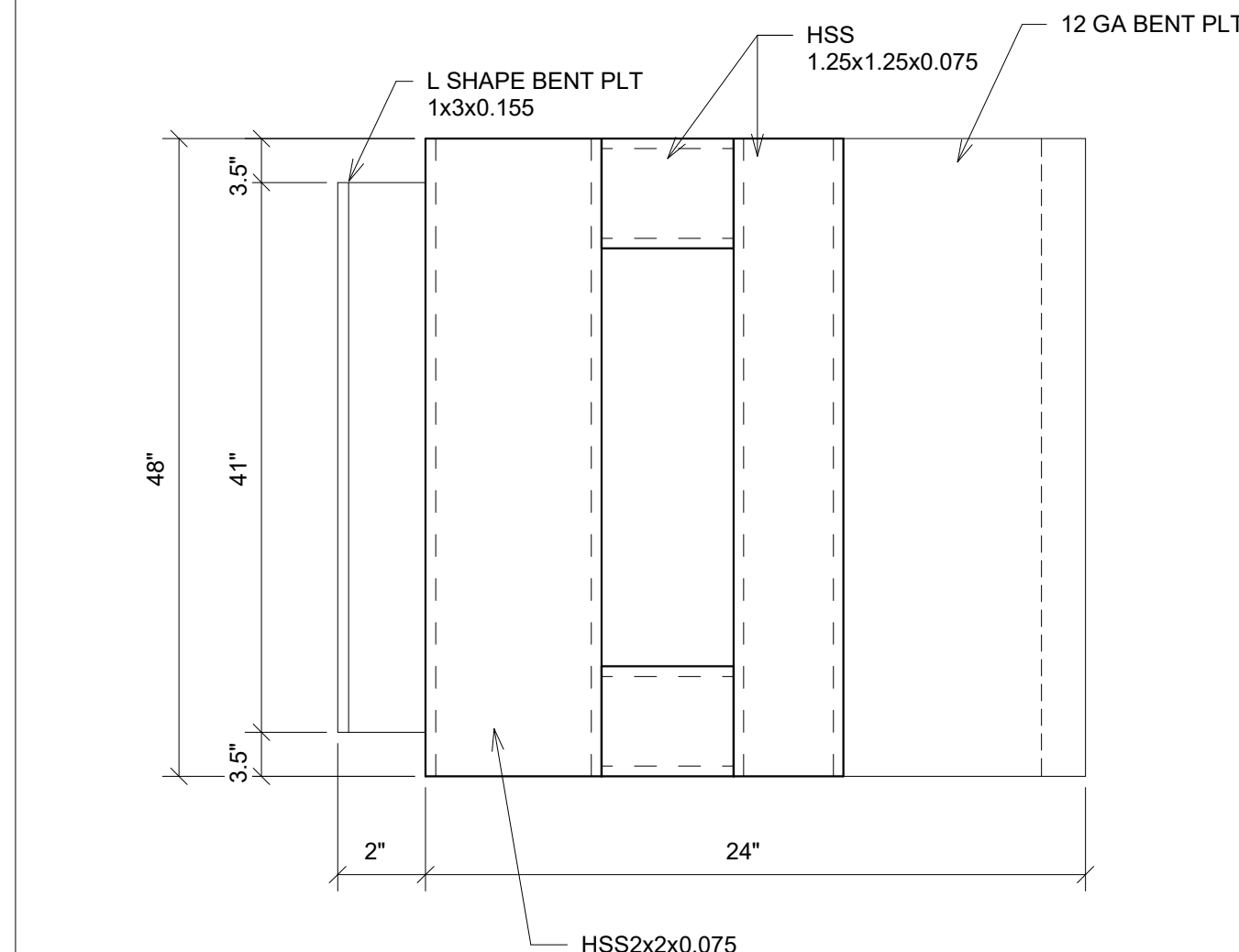


3 6" = 1'-0" Base Plt @ Ramp Toe Low Zero Side View



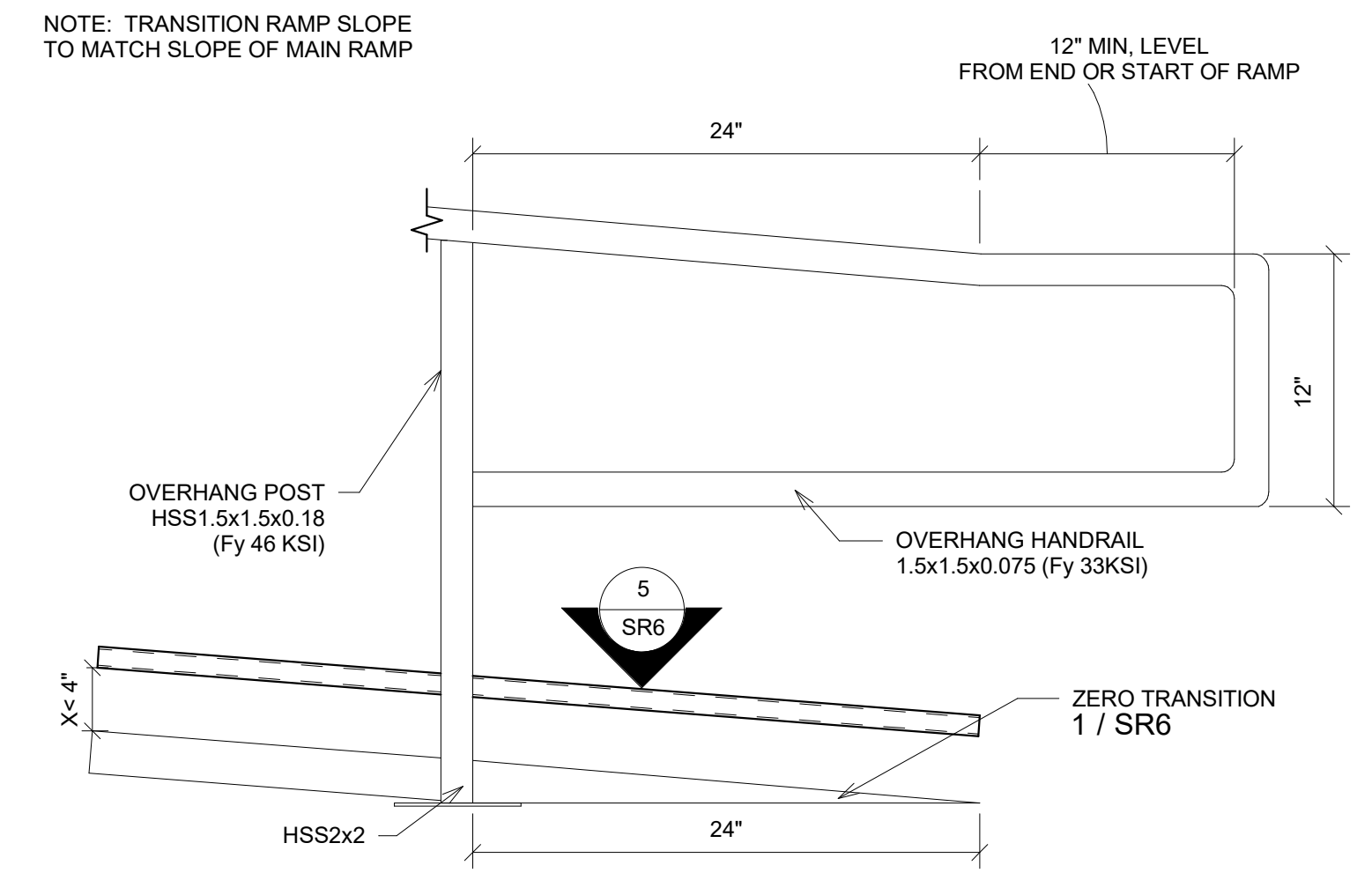
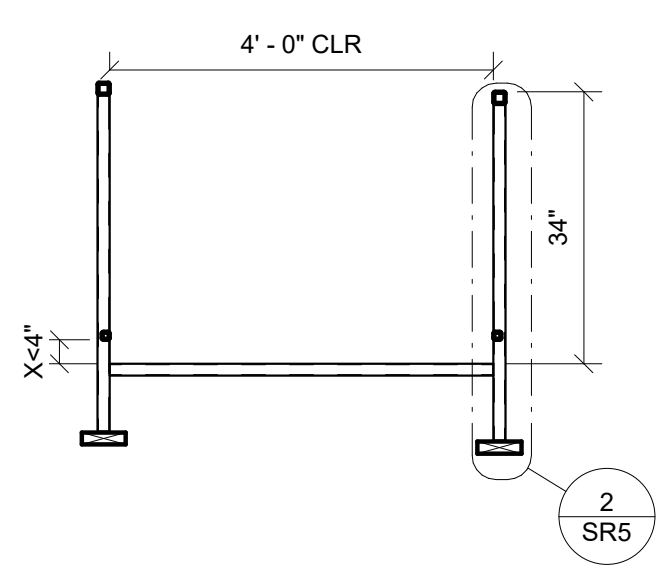
8 1/2" = 1'-0" Section @ Landing

9 1/2" = 1'-0" Section @ Landing



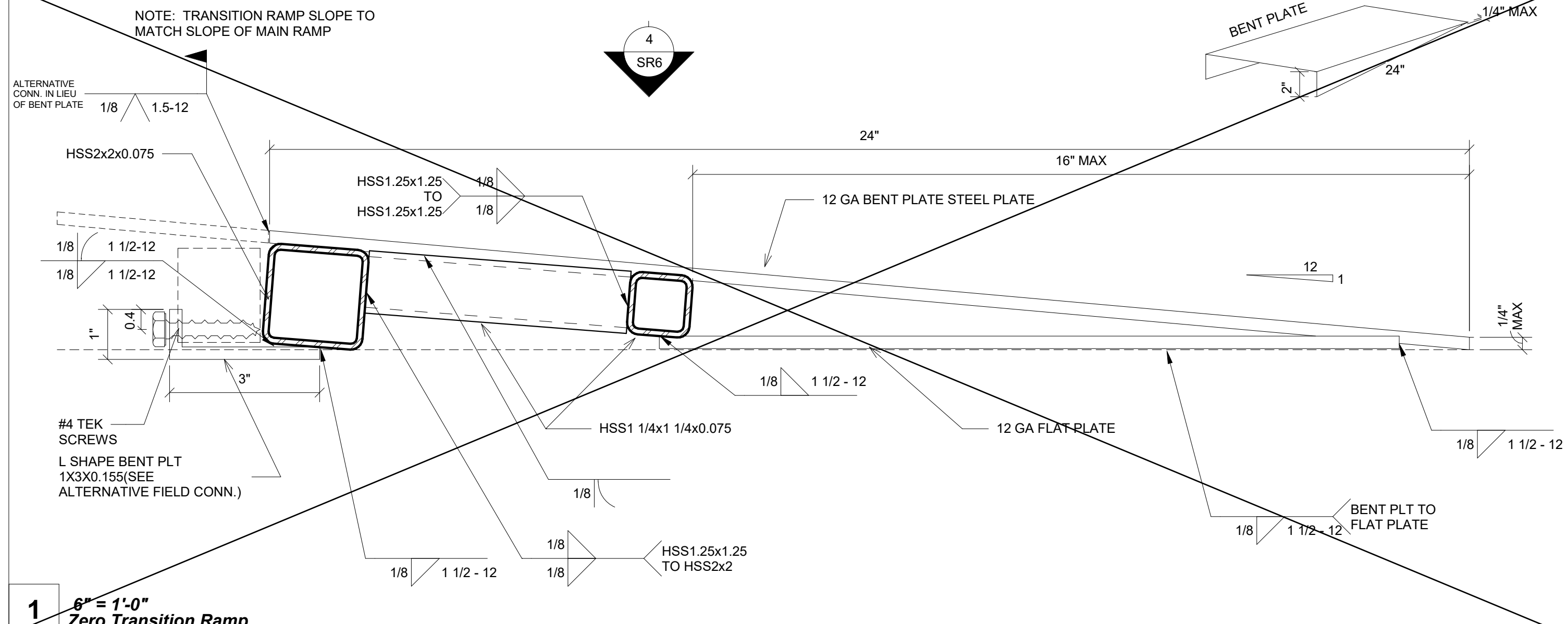
4 6" = 1'-0" Top View Ramp Zero Transition

5 6" = 1'-0" Zero Transition Ramp Connection



10 1/2" = 1'-0" Section @ Ramp

6 1 1/2" = 1'-0" Extend Handrail @ Bottom End For Zero Transition Ramp



1 6" = 1'-0" Zero Transition Ramp

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 02-121488 INC:
 REVIEWED FOR
 SS FLS ACS
 DATE: 6/29/2023

R&S TAVARES ASSOCIATES
 DESIGN & CONSULTING PROJECT MEET
 11500 W BERNARD COURT, SUITE 100
 SAN DIEGO, CA 92127
 WWW.RSTAVARES.COM

PROFESSIONAL STAMP

Manuel D. Tavares
 REGISTERED PROFESSIONAL ARCHITECT
 No. S3380
 3.31.2022
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 STATE OF CALIFORNIA
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ORIGINAL PC STATE AGENCY APPROVAL

APPROVED
 DIV. OF THE STATE ARCHITECT
 APP: 04-119408 PC
 REVIEWED FOR
 SS FLS ACS CG
 DATE: 08/05/2021

Revision Schedule

#	Description	Date

PRE-CHECK (PC) DOCUMENT
 Code: 2019 CBC
 A separate project application for construction is required

PROJECT TITLE
RAMPS PC

SHEET TITLE
Ramp Details

PROJECT NUMBER
 20093

DRAWN BY
 SM

CHECKED BY
 rMc

DATE
 6/07/2021

SHEET NO.
SR6

SHEET OF

M:\2020\20093 - Class Leasing, 24x40 - 120x40 2019 CBC Updates\REV\TAVARES\20093 - Aries, Ramps and Stairs PC.rvt
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IDENTIFICATION STAMP
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 APP: 02-121488 INC:
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 DATE: 6/29/2023

R&S TAVARES ASSOCIATES
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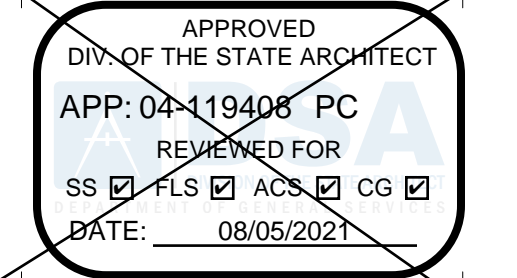
PROFESSIONAL STAMP

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ORIGINAL PC STATE AGENCY APPROVAL


Revision Schedule

#	Description	Date

PRE-CHECK (PC) DOCUMENT
 Code: 2019 CBC
 A separate project application for construction is required

PROJECT TITLE
RAMPS PC

SHEET TITLE
Stair Conn

PROJECT NUMBER
 20093

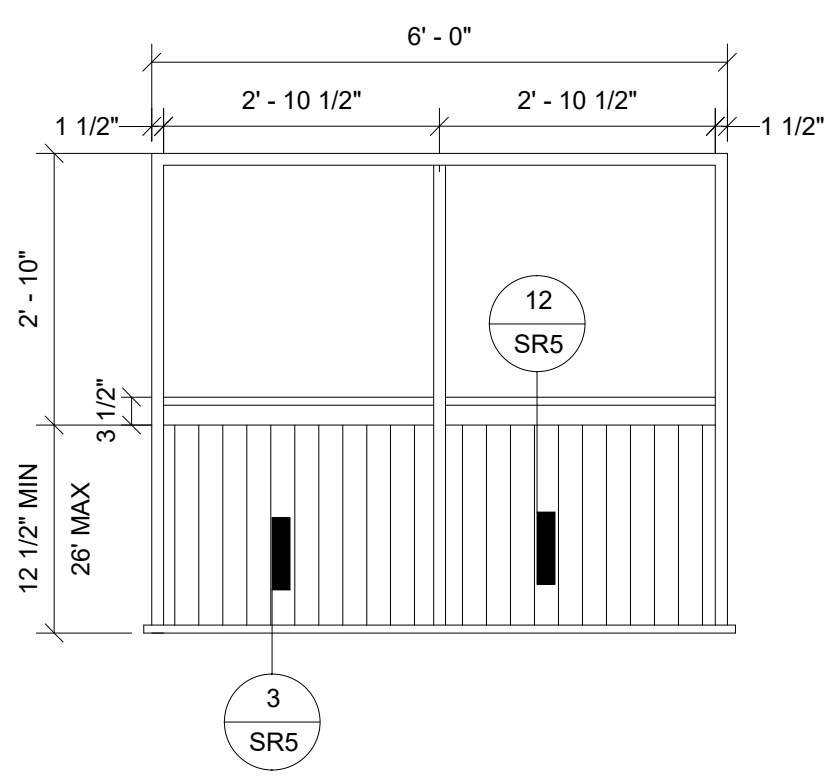
DRAWN BY
 rMc

CHECKED BY
 BR

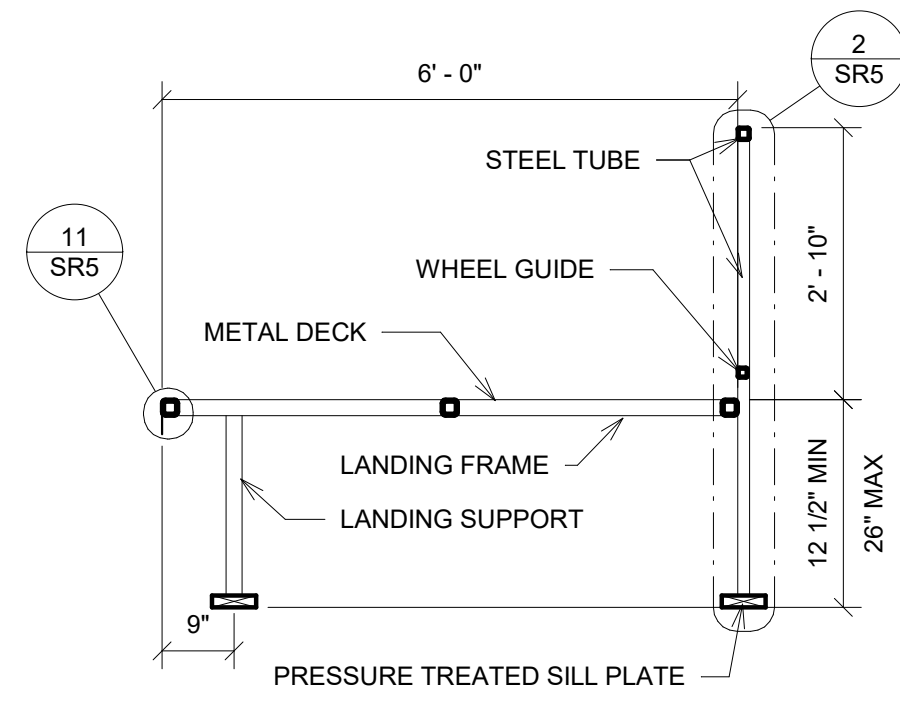
DATE
 6/07/2021

SHEET NO.
SR7

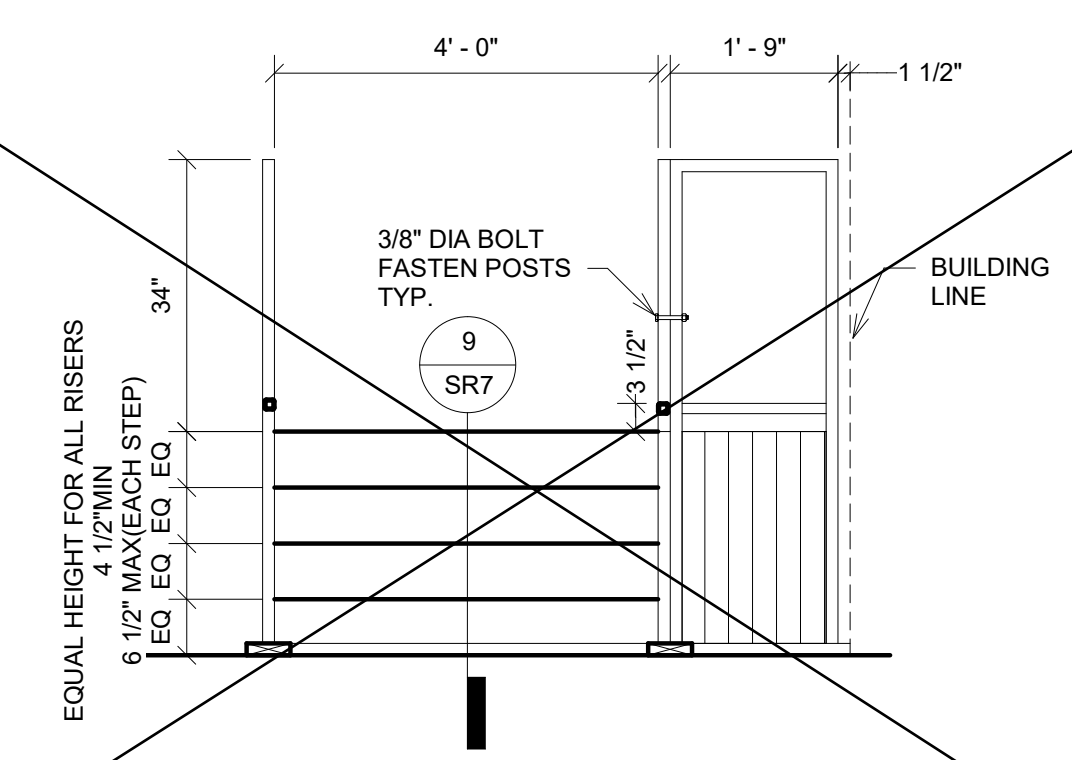
SHEET OF



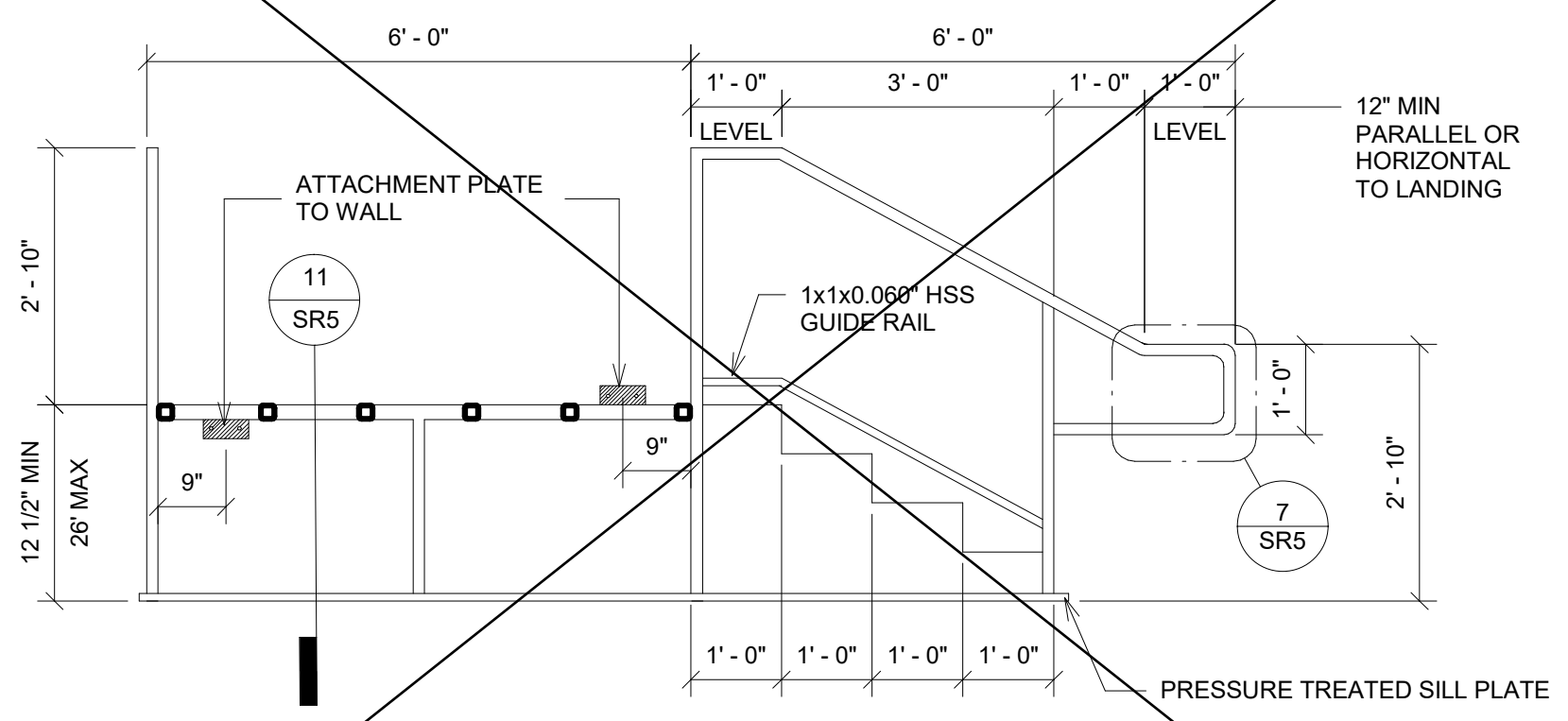
1 1/2" = 1'-0"
LANDING ELEVATION VIEW



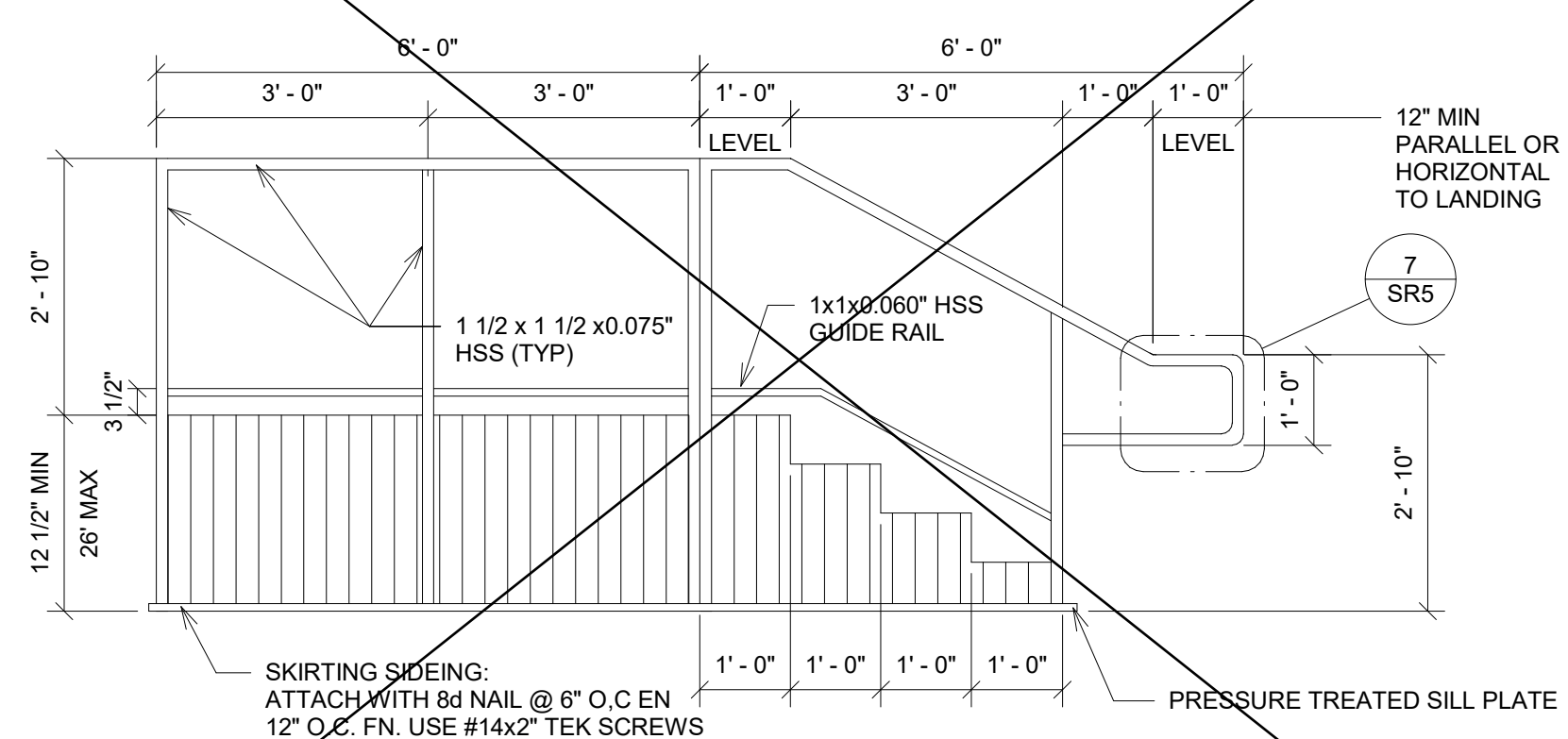
2 1/2" = 1'-0"
LANDING SECTION



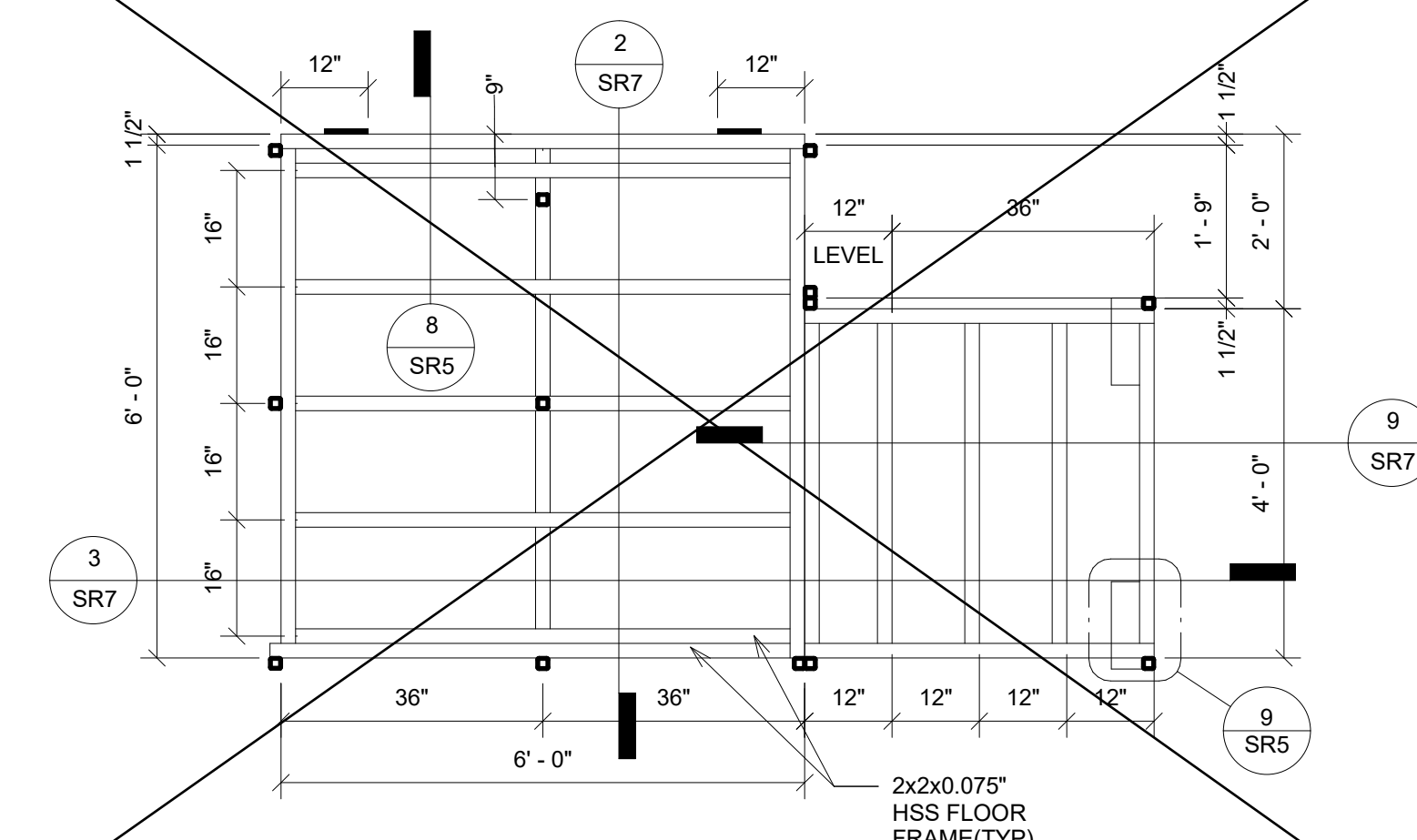
6 1/2" = 1'-0"
STEPS ELEVATION



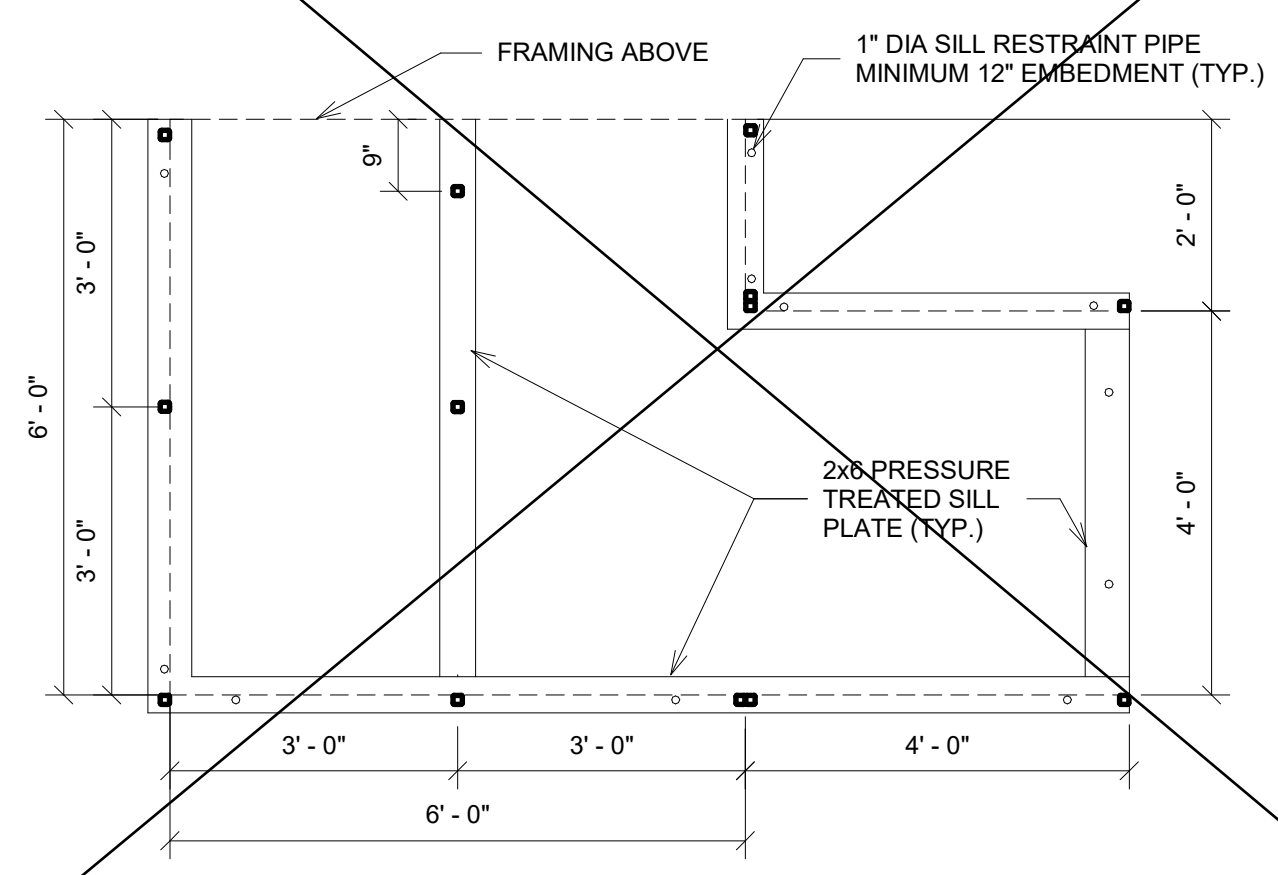
3 1/2" = 1'-0"
STEP AND LANDING SECTION



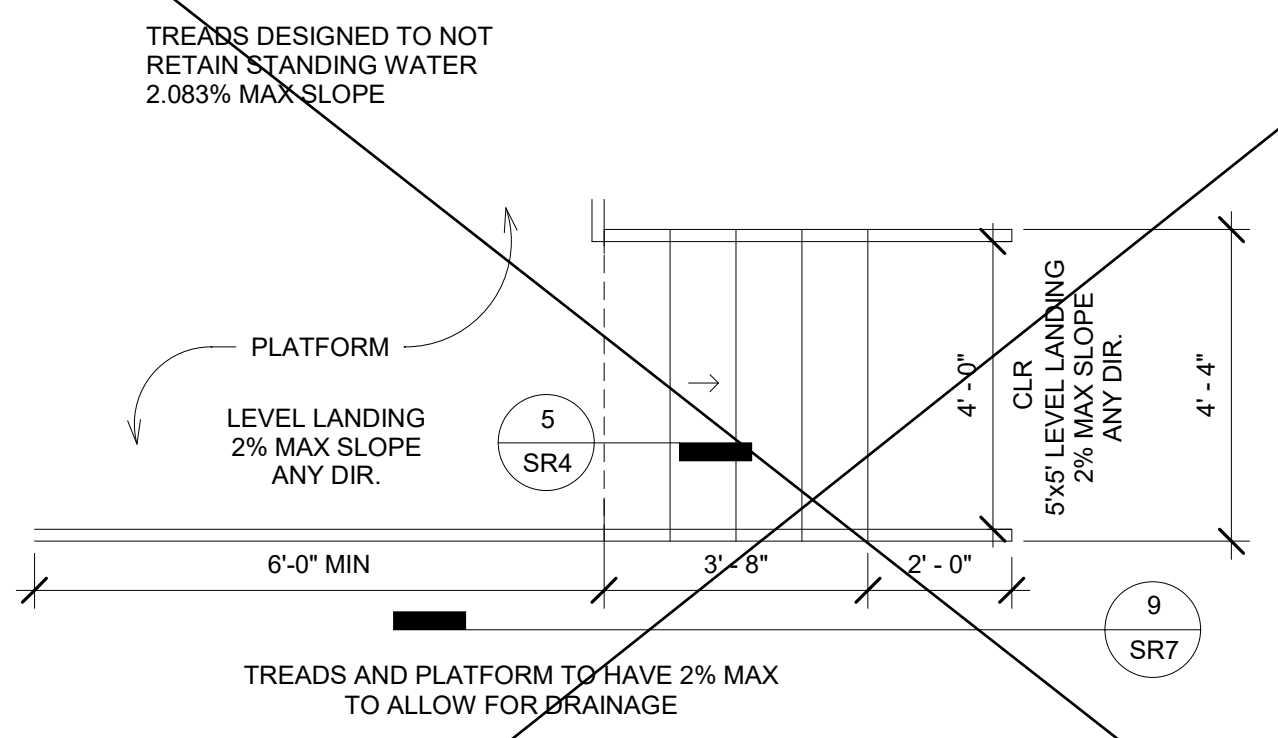
4 1/2" = 1'-0"
STEPS AND LANDING SECTION



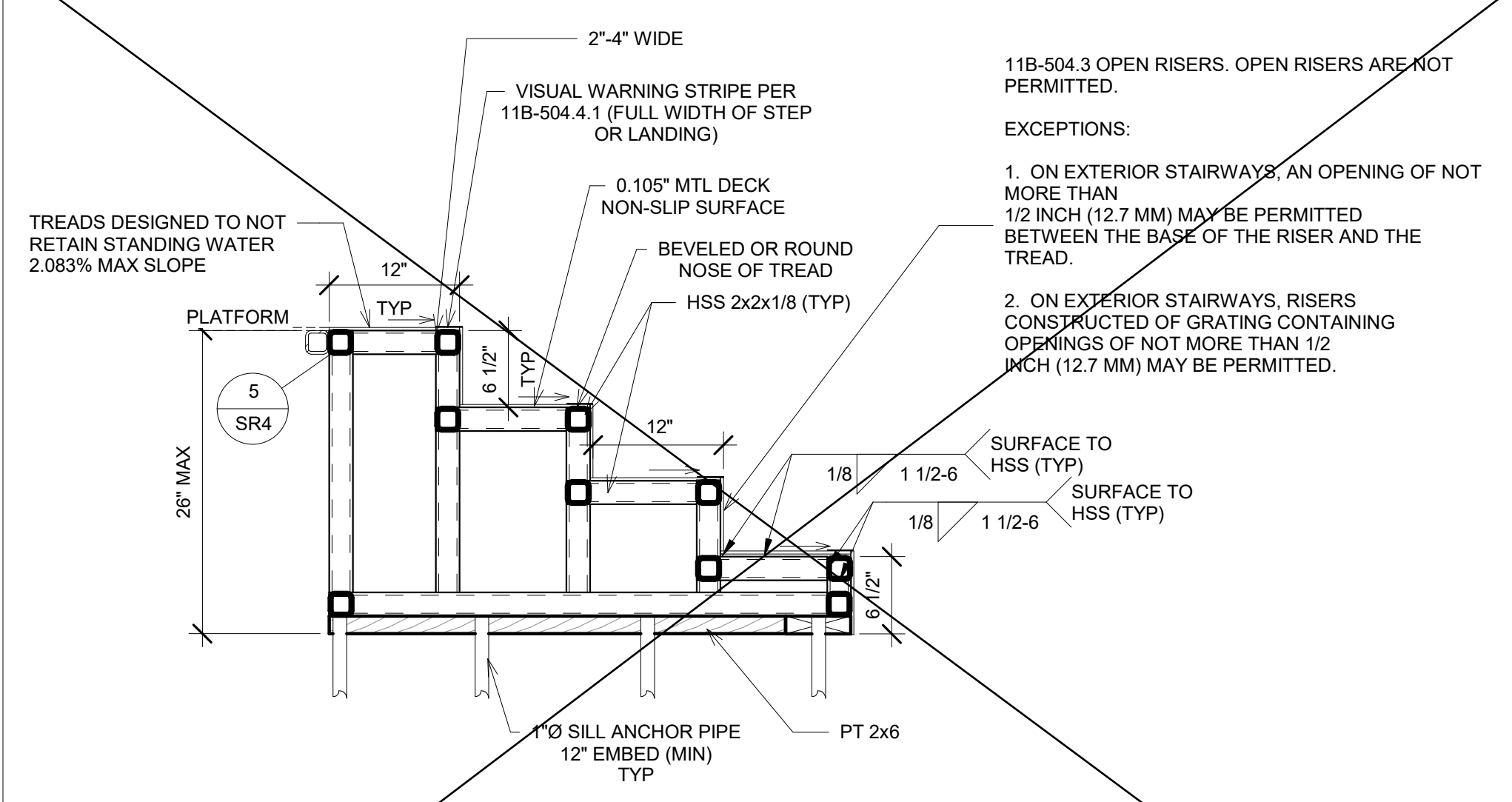
5 1/2" = 1'-0"
STEPS/LANDING FRAMING PLAN



7 1/2" = 1'-0"
SILL PLAN



8 3/8" = 1'-0"
Stair



9 1" = 1'-0"
Stair Elev

6/6/2021 12:13:39 AM M:\2020\20093 - Class Leasing, 24x40 - 120x40 2019 CBC Updates\REV\TAVARES\20093 - Aries, Ramps and Stairs PC.rvt