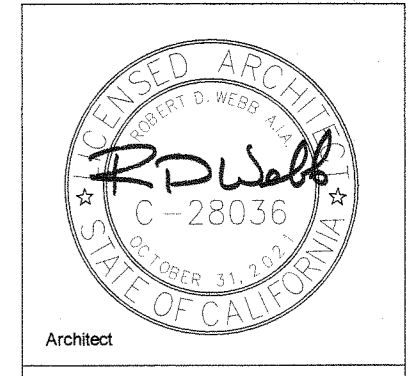


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CHET F. HARRITT SCHOOL
 PROJECT SAFE ADDITION
 SANTEE SCHOOL DISTRICT

OVERALL CIVIL SITE
 PLAN

Drawn: Author
 Checked: Checker
 Date:

Job:

C-0.1

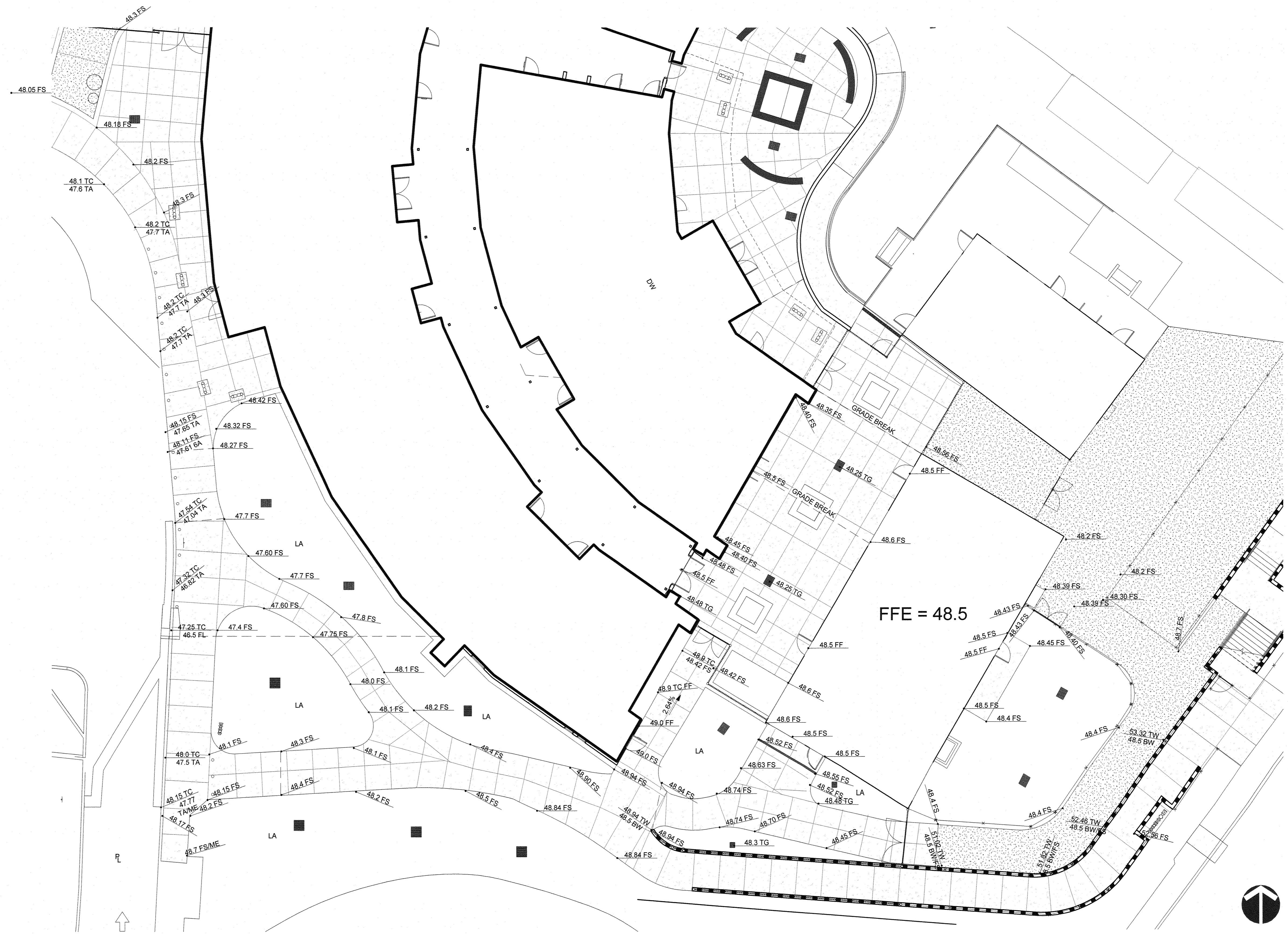
GRADING LEGEND

FFE	FINISH FLOOR ELEVATION
FL	FLOW LINE
FS	FINISH SURFACE
TC	TOP OF CURB
TG	TOP OF GRATE
TA	TOP OF ASPHALT
TW	TOP OF WALL
BW	BOTTOM OF WALL
ME	MATCH EXISTING

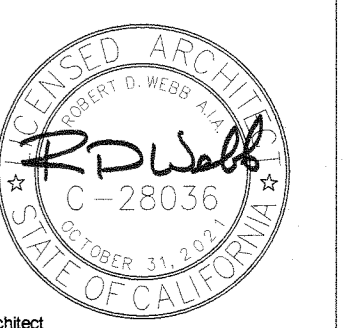
REGISTRATION STAMP
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C-119201
DATE JUN-10-2020

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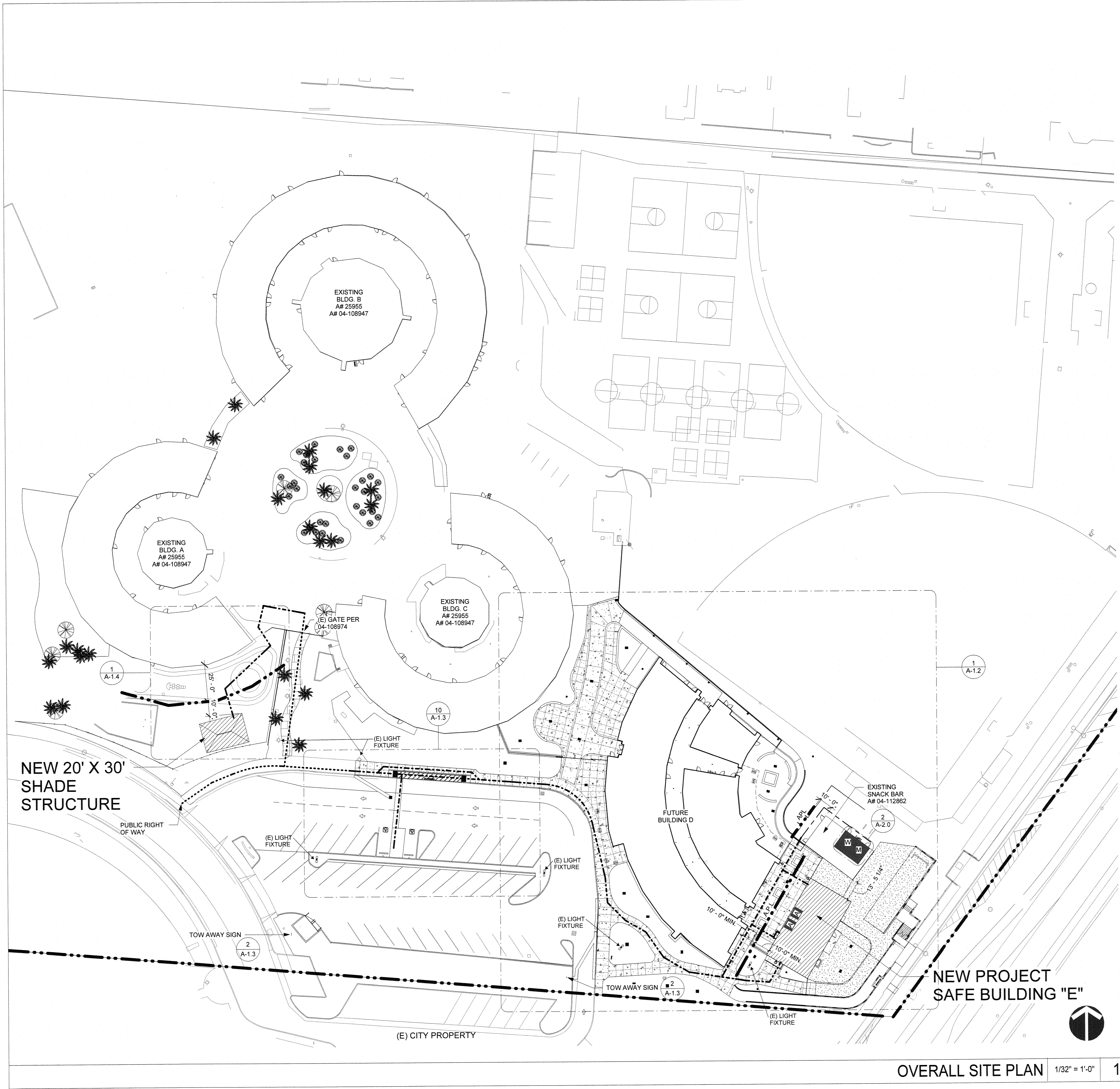


CHET F. HARRITT SCHOOL
PROJECT SAFE ADDITION
SANTEE SCHOOL DISTRICT

ENLARGED GRADING PLAN

Drawn: Author
Checked: Checker
Date:

Job:
C-1.2



SITE ACCESS LEGEND

- PROPERTY LINE/ ASSUMED PROPERTY LINE "APL"
- EXISTING ACCESSIBLE PATH OF TRAVEL PER 04-108974
- EXISTING ACCESSIBLE PATH OF TRAVEL PER 04-112862
- NEW ACCESSIBLE PATH OF TRAVEL
- A** ALL GENDER RESTROOM
- M** MENS RESTROOM
- W** WOMENS RESTROOM

ACCESS COMPLIANCE NOTES

DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT:
 THE ACCESSIBLE PATH OF TRAVEL (P.O.T.) AS INDICATED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATIONS, ADDITIONS AND STRUCTURAL REPAIRS. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. 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 DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.

DURING CONSTRUCTION, IF THE P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING 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.

OPENINGS IN GRATINGS AT DRAINS LOCATED IN THE SURFACE OF ANY PEDESTRIAN WAYS OF TRAVEL, SHALL BE LIMITED TO 1/2" MAX.

ALL BUILDINGS CONTAIN ACCESSIBLE PLUMBING FIXTURES. REFER TO FLOOR PLANS FOR EXACT LOCATIONS.

GATES IN THE PATH OF TRAVEL SHALL COMPLY WITH EXIT DOOR REQUIREMENTS PER CBC SECTION 11B-404

CODE ANALYSIS

NEW BUILDING E & SNACKBAR

BUILDING E:	VB
CONSTRUCTION TYPE	NO
SPRINKLERED	E
OCCUPANCY	1
# OF STORIES	1,920 SF
ACTUAL AREA	9,000 SF
ALLOWABLE AREA	

SNACKBAR:	VB
CONSTRUCTION TYPE	NO
SPRINKLERED	B
OCCUPANCY	1
# OF STORIES	960 SF
ACTUAL AREA	9,000 SF
ALLOWABLE AREA	

TOTAL AREA 2,880 SF < 9,000 SF

NON-SEPARATED OCCUPANCIES PER CBC 2019, SECTION 508.3

NEW SHADE STRUCTURE

CONSTRUCTION TYPE	VB
SPRINKLERED	NO
OCCUPANCY	A-3
# OF STORIES	600 SF
ACTUAL AREA	6000 SF
ALLOWABLE AREA	6000 SF

CLASSROOM BUILDING D: 0-118693 - FOR REFERENCE ONLY

CONSTRUCTION TYPE	VB
SPRINKLERED	YES
OCCUPANCY	MIXED: E / A3 / B
# OF STORIES	1
ACTUAL AREA	16,975 SF

ALLOWABLE AREA	E: 38,000 SF
	A3: 24,000 SF
	B: 36,000 SF

MIXED OCCUPANCY ANALYSIS			
E	A3	B	
14452	2050	473	
38000	24000	36000	

=0.56 (LESS THAN 1)

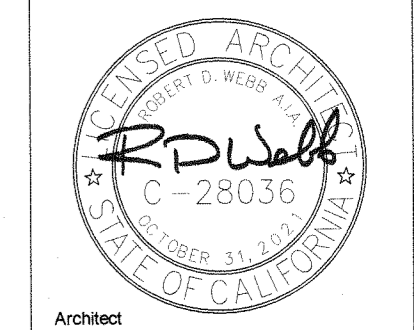
PARKING ANALYSIS

TOTAL STALLS:	42
STANDARD STALLS:	40
ACCESSIBLE STALLS PROVIDED:	2 (INCLUDING 1 VAN)

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 04 119201 1
 APR 30 PLS.DS 05.2
 DATE JUN 14 2024

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CHET F. HARRITT SCHOOL
 PROJECT SAFE ADDITION
 SANTEE SCHOOL DISTRICT

OVERALL SITE PLAN

Drawn: _____
 Author _____
 Checked: _____
 Checker _____
 Date: _____

Job: _____
 A-0.1

FIRE FLOW RESULTS

Flow Test Results	
Hydrant Number	1159
Static Pressure (PSI)	124
Residual Pressure at Fire Flow (PSI)	127
Model Flow (GPM) at 20 PSI Residual	15,305
Certified Flow (GPM) at 20 PSI Residual restricted by 10 ft/sec max	6,264
1. See plot attached Velocity. 2. Information obtained using a computer model. 3. Results are valid for 6 months.	

FIRE ACCESS LEGEND

- EXISTING FIRE LANE
- EXISTING FIRE HYDRANT
- PIV/FDC PER A#04-118693
- BFP PER A#04-118693

IF CERTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 119 2011
 APPROVED BY DS
 DATE JUN 1 2011

GENERAL NOTES

- EXISTING FIRE LANE - DSA 04-112862 & 04-118693.
- CONCRETE PAVEMENT - FIRE LANE - 6" PORTLAND CEMENT CONCRETE OVER 13" AGGREGATE BASE, COMPACTED TO 95% ASTM 1557D, OVER 12" OVER COMPACTED SUBGRADE COMPACTED TO 95% OF ASTM 1557D. CONCRETE SHALL HAVE #4'S AT 12" O.C.
- ASPHALTIC PAVEMENT - FIRE LANE - 4" ASPHALTIC CONCRETE OVER 13" AGGREGATE BASE, COMPACTED TO 95% ASTM 1557D, OVER 12" OVER COMPACTED SUBGRADE COMPACTED TO 95% OF ASTM 1557D.

DSA 810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

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 building(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 1-3 below is to be provided for all project types indicated above. Information associated with items 4-7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the local fire authority (LFA) is only required when an alternate design means is being requested.

Page 1 of the completed form must be imaged onto the fire access site plan. When an alternate design/means is proposed, completed pages 1 and 2 are to be imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy 09-01.

PROJECT INFORMATION
 School District/Owner: **SANTEE SCHOOL DISTRICT**
 Project Name/School: **CHET F HARRITT SCHOOL - PROJECT SAFE BUILDING**
 Project Address: **8120 ARLETTE ST., SANTEE, CA 92071**

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 type="checkbox"/>	No <input checked="" type="checkbox"/>
3. Is the project located within a designated fire hazard severity zone as established by Cal-Fire? (If yes, indicate fire hazard zone classification below)	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Refer to the following for fire hazard zone locations: www.fire.ca.gov/fire-prevention/fire-prevention_wildland_zones_maps	Moderate <input type="checkbox"/>	High <input type="checkbox"/>
Very High <input type="checkbox"/>	WIFA <input type="checkbox"/>	WIFA <input type="checkbox"/>
Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)		

CONDITION MEANS AND METHODS RESOLUTION

	ALTERNATE ACCEPTED			
	Yes	No	N/A	N/R
4. Emergency vehicle access roadways do not meet CFC requirements.				
4a. Acceptable Alternate: Emergency vehicle and personnel access as proposed by the project architect is acceptable for providing fire suppression and protection of life and property.	<input checked="" type="checkbox"/>			
5. Fire Hydrants: Number and spacing does not meet CFC requirements.				
5a. Acceptable Alternate: Number of fire hydrants and spacing as proposed by the project architect is acceptable for fire suppression and protection of life and property.	<input checked="" type="checkbox"/>			
6. Fire Hydrants: Water flow and pressure are less than CFC minimum.				
6a. Acceptable Alternate: The available flow and pressure is acceptable for providing fire suppression and protection of life and property.	<input checked="" type="checkbox"/>			
7. Location of fire department connection(s) serving fire sprinkler systems or standpipe systems does not meet CFC requirements.				
7a. Acceptable Alternate: The location of fire department connection serving the fire sprinkler system and/or standpipe system is acceptable for providing fire suppression and protection of life and property.	<input checked="" type="checkbox"/>			

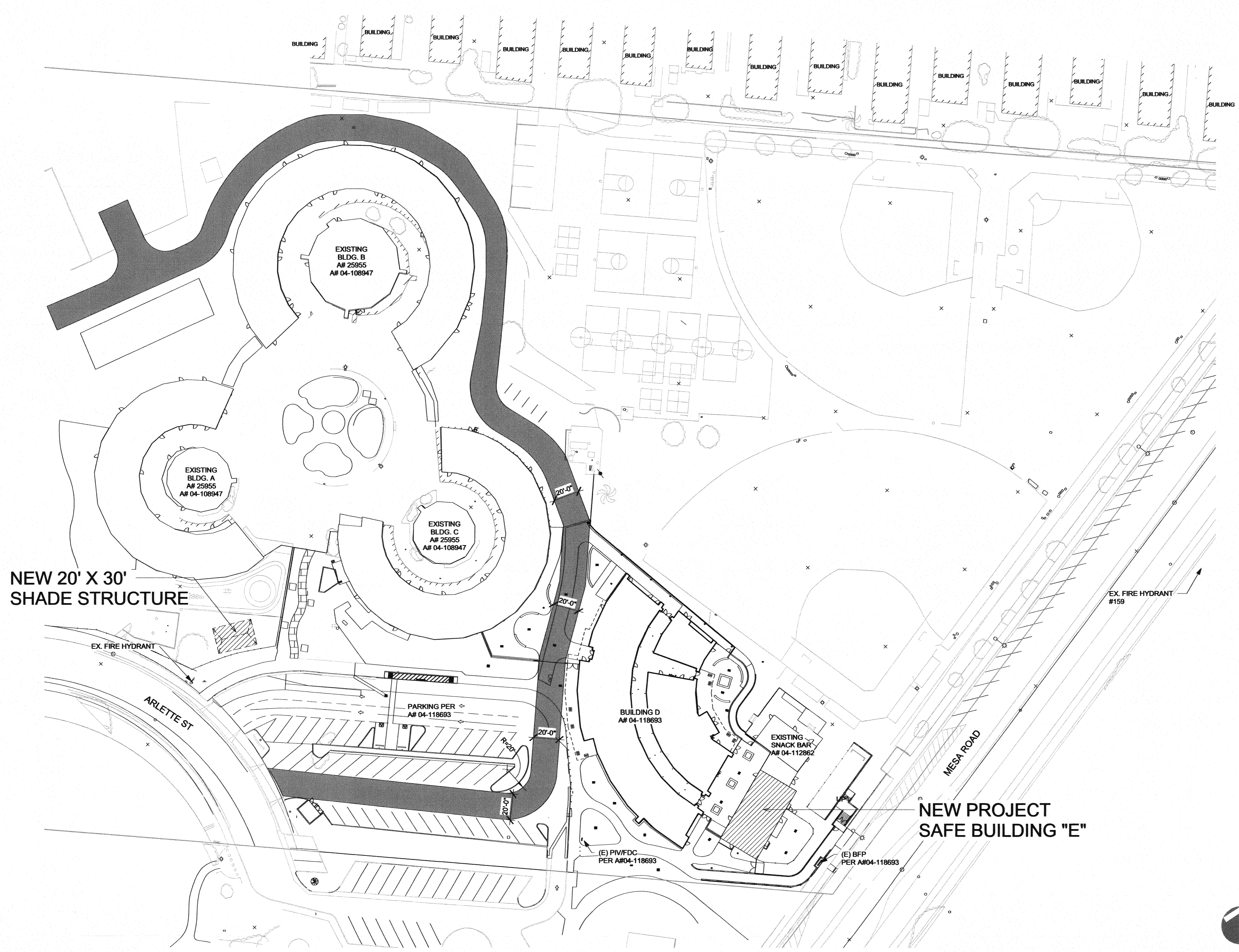
DSA 810 (rev 10-22-18) DIVISION OF THE STATE ARCHITECT DEPARTMENT OF GENERAL SERVICES STATE OF CALIFORNIA Page 1 of 4

DSA 810 FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

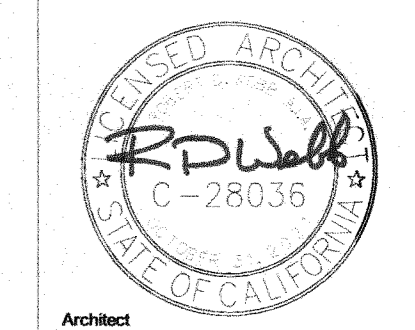
School District Acceptance of Acceptable Design Alternates
 By signing this form, the school district acknowledges and accepts the proposed design as an alternative to California Building Code (CBC) and California Fire Code (CFC) minimum requirements, as indicated by one or more of the conditions indicated at items 4a, 5a, 6a or 7a, for providing fire and life safety protection of life and property.

Accepted by: Chet Becker Title: Dir. Const
 Signature: Chet Becker Date: 2/2/20

LOCAL FIRE AUTHORITY (LFA) INFORMATION
 LFA Agency Name: Santee Fire
 LFA Review Official: Carlin Workman
 Title: FIRE MARSHAL
 Work E-mail: CWORKMAN@CITYOFSANTEE.CA.GOV



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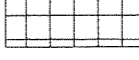

CHET F. HARRITT SCHOOL
 PROJECT SAFE ADDITION
 SANTEE SCHOOL DISTRICT

OVERALL FIRE
 ACCESS SITE PLAN

Drawn:
 Author:
 Checked:
 Checker:
 Date:

Job:
 A0.2

DEMO PLAN LEGEND

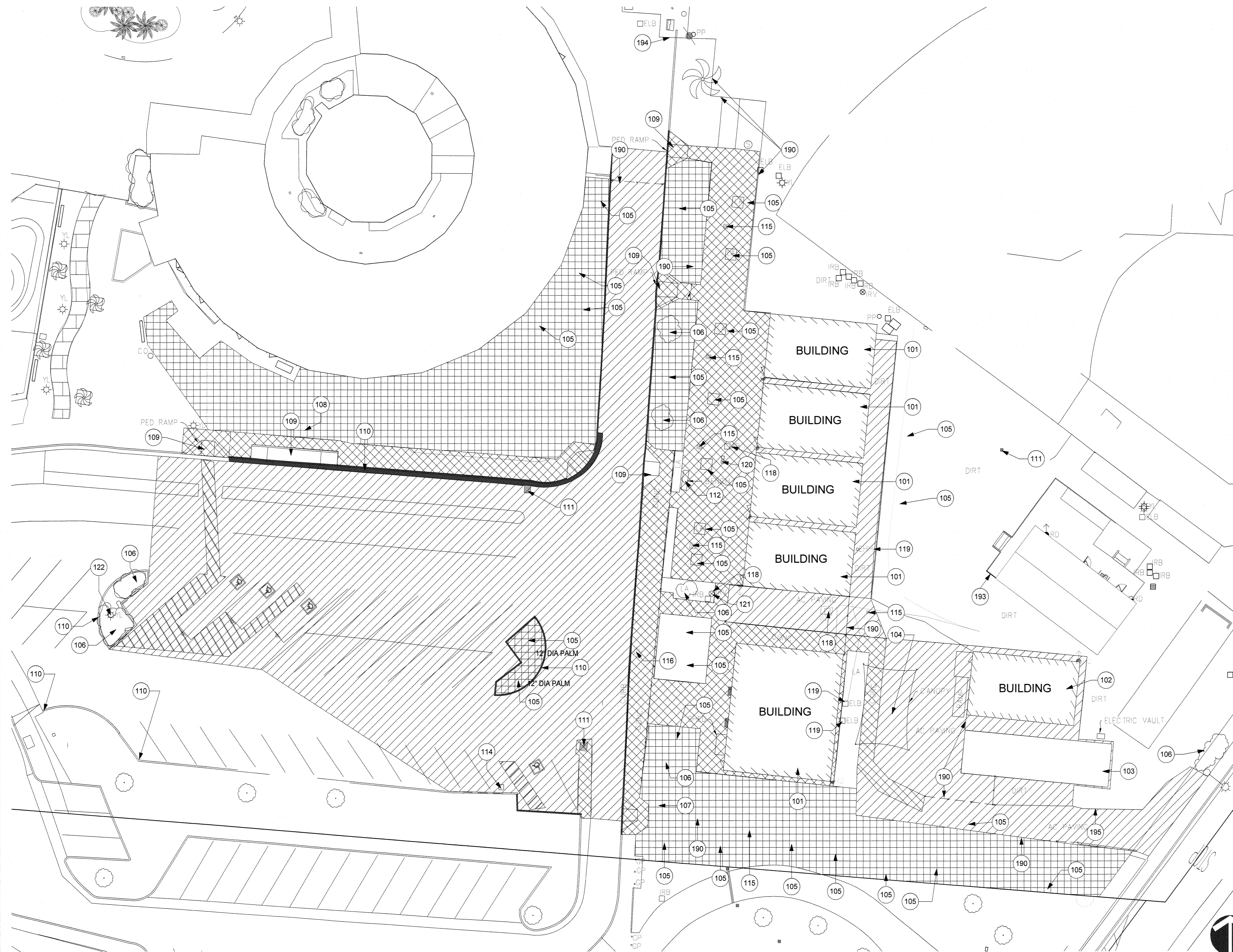
-  SAWCUT EXISTING ASPHALT AND DISPOSE IN ACCORDANCE WITH CITY OF SANTEE AND COUNTY OF SAN DIEGO ENVIRONMENTAL REGULATIONS. ASPHALT IS 7" THICK WITH POSSIBLE PETROMAT. EXISTING 5" BASE SHALL BE PROTECTED IN PLACE, SCARAFIED AND RECOMPACTED TO 95% OF ASTM 1557D.
-  DEMO EXISTING CONCRETE WITH REBAR (ASSUME 5" MIN.) INCLUDING TRUNCATED DOMES. DISPOSE IN ACCORDANCE WITH CITY OF SANTEE AND COUNTY OF SAN DIEGO REGULATIONS.
-  DEMO EXISTING LANDSCAPING. DISPOSE IN ACCORDANCE WITH CITY OF SANTEE AND COUNTY OF SAN DIEGO REGULATIONS. CAP AND REMOVE IRRIGATION AS REQUIRED.
-  SAWCUT EXISTING CURB AND/OR CURB AND GUTTER. DISPOSE IN ACCORDANCE WITH CITY OF SANTEE AND COUNTY OF SAN DIEGO REGULATIONS.

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DIV. OF THE STATE ARCHITECT

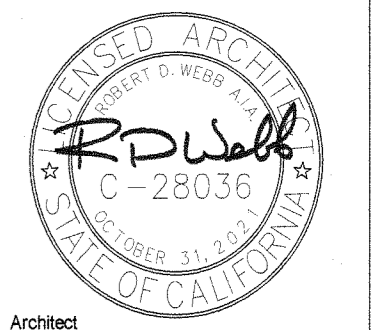
04 119 201 1
ACS *SL* *FL* *DS* *SS*
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KEYNOTES



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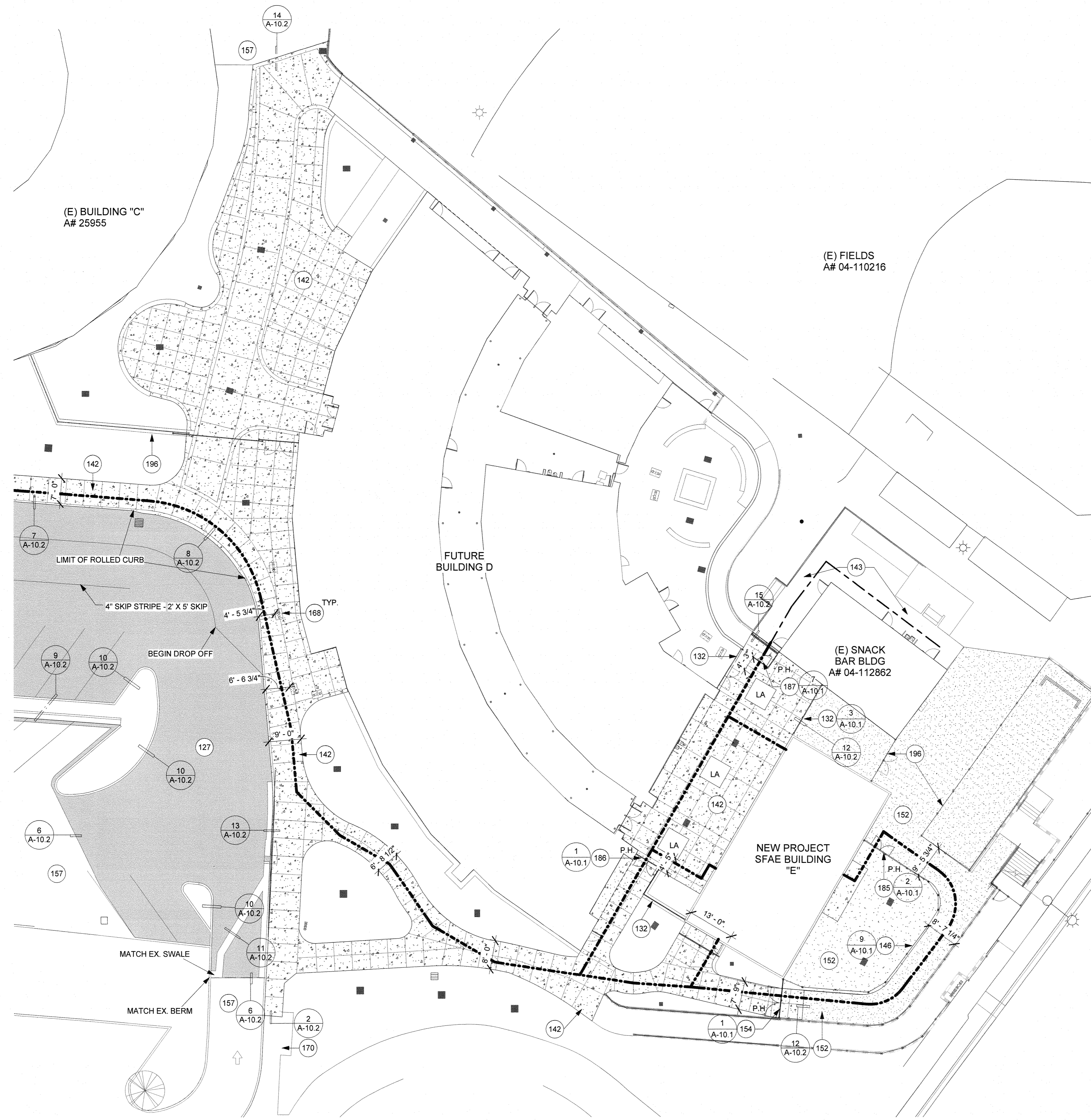
CHET F. HARRITT SCHOOL
PROJECT SAFE ADDITION
SANTEE SCHOOL DISTRICT

ENLARGED DEMO
PLAN


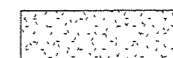
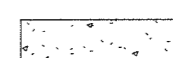

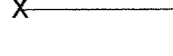



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Author
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Checker
Date:

Job:

A-1.1



SITE PLAN LEGEND

-  ASPHALT PAVING
-  DG SURFACE
-  CONCRETE PAVING
-  DECORATIVE METAL FENCING
-  CHAIN LINK FENCING
-  EXISTING POT PER 04-108974
-  EXISTING POT PER 04-112862
-  NEW POT

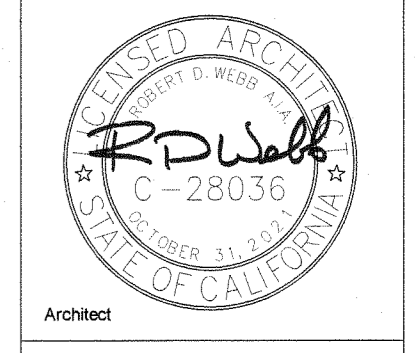
KEYNOTES

- 132 (N) 7'-6" HIGH DECORATIVE METAL FENCING W/ 18" MOW STRIP
- 142 (N) CONCRETE PAVING, SEE CIVIL DRAWINGS
- 143 (E) CONCRETE STEPS AND DECK TO REMAIN
- 146 (N) CHAIN LINK FENCING 8' 0" HT
- 152 (N) DECOMPOSED GRANITE
- 154 (N) 7'-6" HIGH DECORATIVE FENCE WITH PAIR OF 4'-0" WIDE GATES WITH PANIC HARDWARE
- 157 (E) ASPHALT PAVING TO REMAIN
- 168 FUTURE SLOPED STRUCTURAL COLUMNS SET ON CONC. CURB
- 170 (E) CONCRETE TO REMAIN
- 185 (N) 8'-0" HIGH CHAIN LINK FENCE AND PAIR OF 3'-0" WIDE GATES
- 186 (N) 7'-6" HIGH DECORATIVE FENCE WITH PAIR OF 3'-0" WIDE GATES WITH PANIC HARDWARE
- 187 (N) 6'-0" HIGH DECORATIVE FENCE WITH PAIR OF 3'-0" WIDE GATES WITH PANIC HARDWARE
- 196 FUTURE CHAIN LINK FENCING

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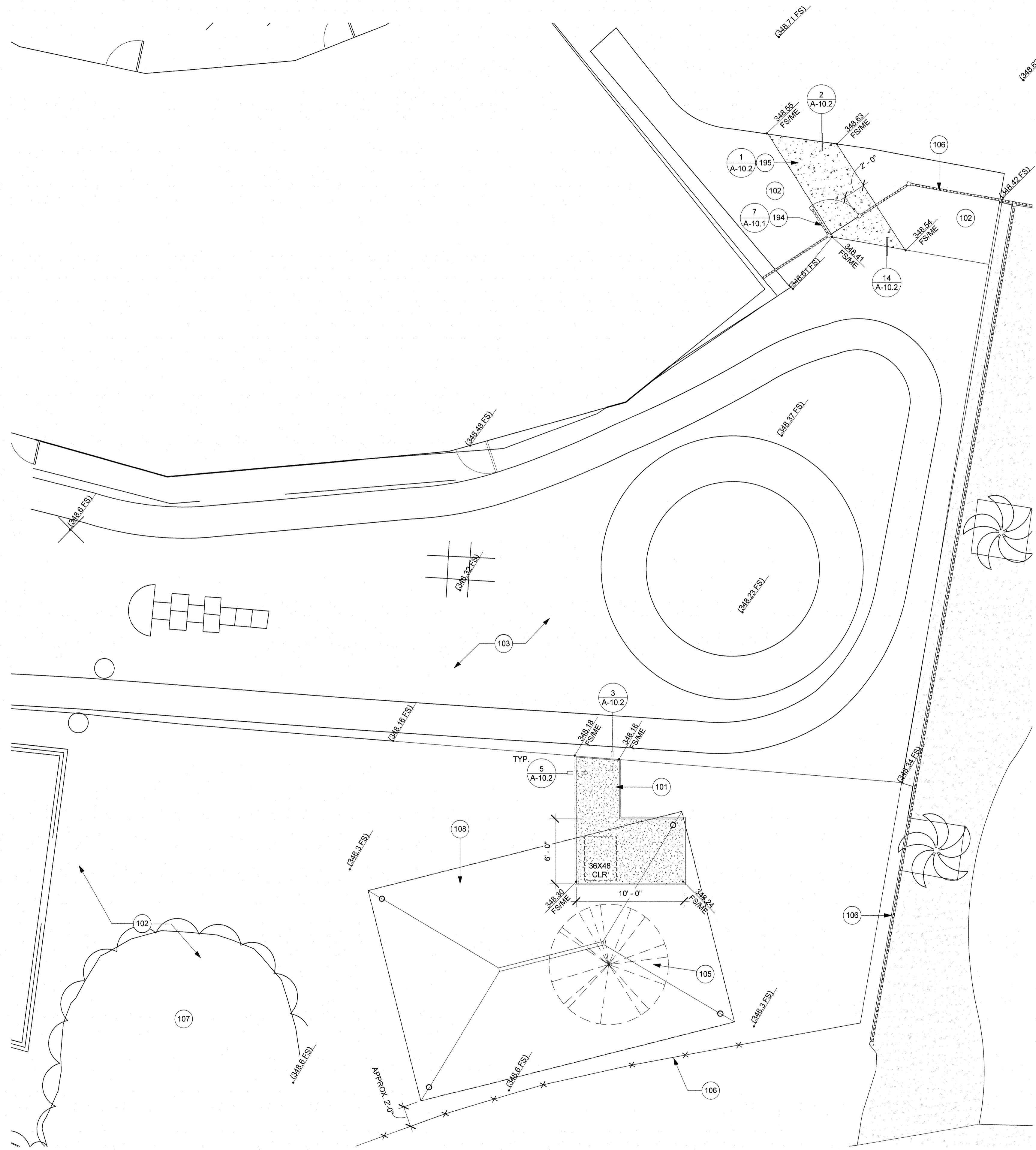
CHET F. HARRITT SCHOOL
 PROJECT SAFE ADDITION
 SANTEE SCHOOL DISTRICT

ENLARGED SITE PLAN

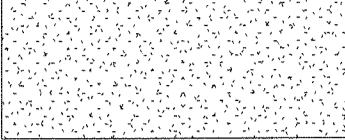
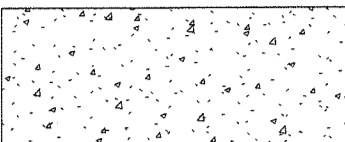
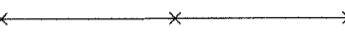
Drawn:
 Author
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 Checker
 Date:

Job:

A-1.2



LEGEND

-  NEW DECOMPOSED GRANITE:
4" DG W/STABILIZING ORGANIC NON-TOXIC BINDER. SWELL VOLUME SHALL HAVE A MIN. OF 35 ML/G W/ MIN. MUCILOD CONTECT OF 80%. THE LIGHT EXTRANEIOUS MATTER SHALL NOT EXCEED 20% W/ THE HEAVY EXTRANEIOUS MATTER NOT EXCEEDING 5%. MATERIAL TO BE SCREENED W/ 90-100% PASSING THRU 200 MESH SIEVE.
-  NEW CONCRETE
-  EXISTING FENCING

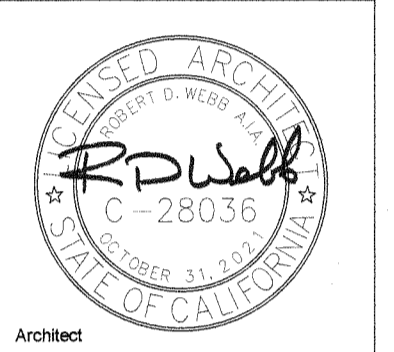
KEYNOTES

- 101 (N) DECOMPOSED GRANITE PATH
- 102 (E) LANDSCAPE AREA
- 103 (E) ASPHALT PAVING TO REMAIN
- 105 (E) TREE TO BE REMOVED, COMPLETE, INCLUDING ROOTS.
- 106 (E) FENCING TO REMAIN.
- 107 (E) TREES TO REMAIN.
- 108 (N) SHADE STRUCTURE PER PC 04-117970
- 194 REVERSE GATE SWING AT EXISTING DECORATIVE METAL FENCE. PROVIDE PANIC HARDWARE, ACCESSIBLE LEVER HANDLE AND KICKPLATES, PER DETAIL REFD ON PLAN
- 195 REMOVE EXISTING PAVER PATH AND RETURN TO DISTRICT. PROVIDE NEW CONCRETE WALK AS SHOWN ON PLAN. MODIFY EXISTING LANDSCAPE AREAS AS REQ'D.

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DATE JUN 10 2020

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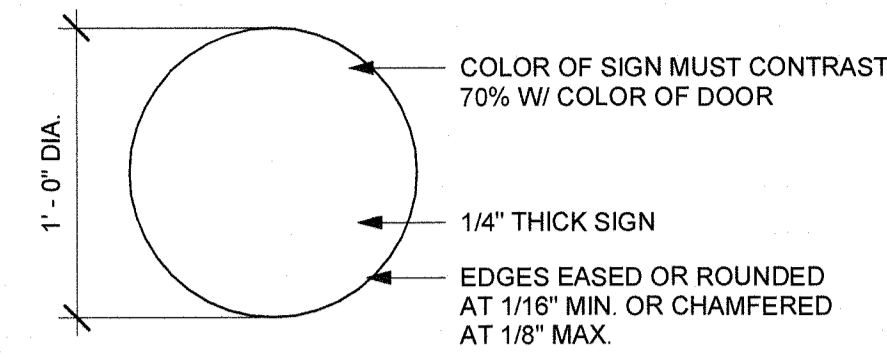
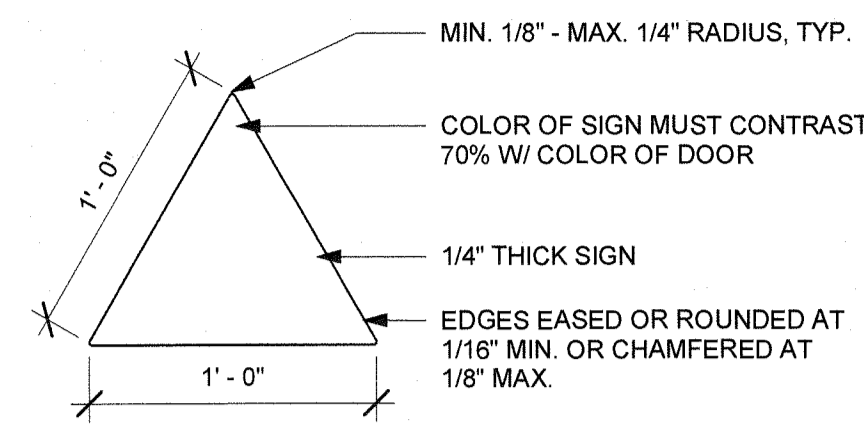
CHET F. HARRITT SCHOOL
PROJECT SAFE ADDITION
SANTEE SCHOOL DISTRICT

**ENLARGED SITE
PLAN- SHADE**

Drawn:
Author
Checked:
Checker
Date:

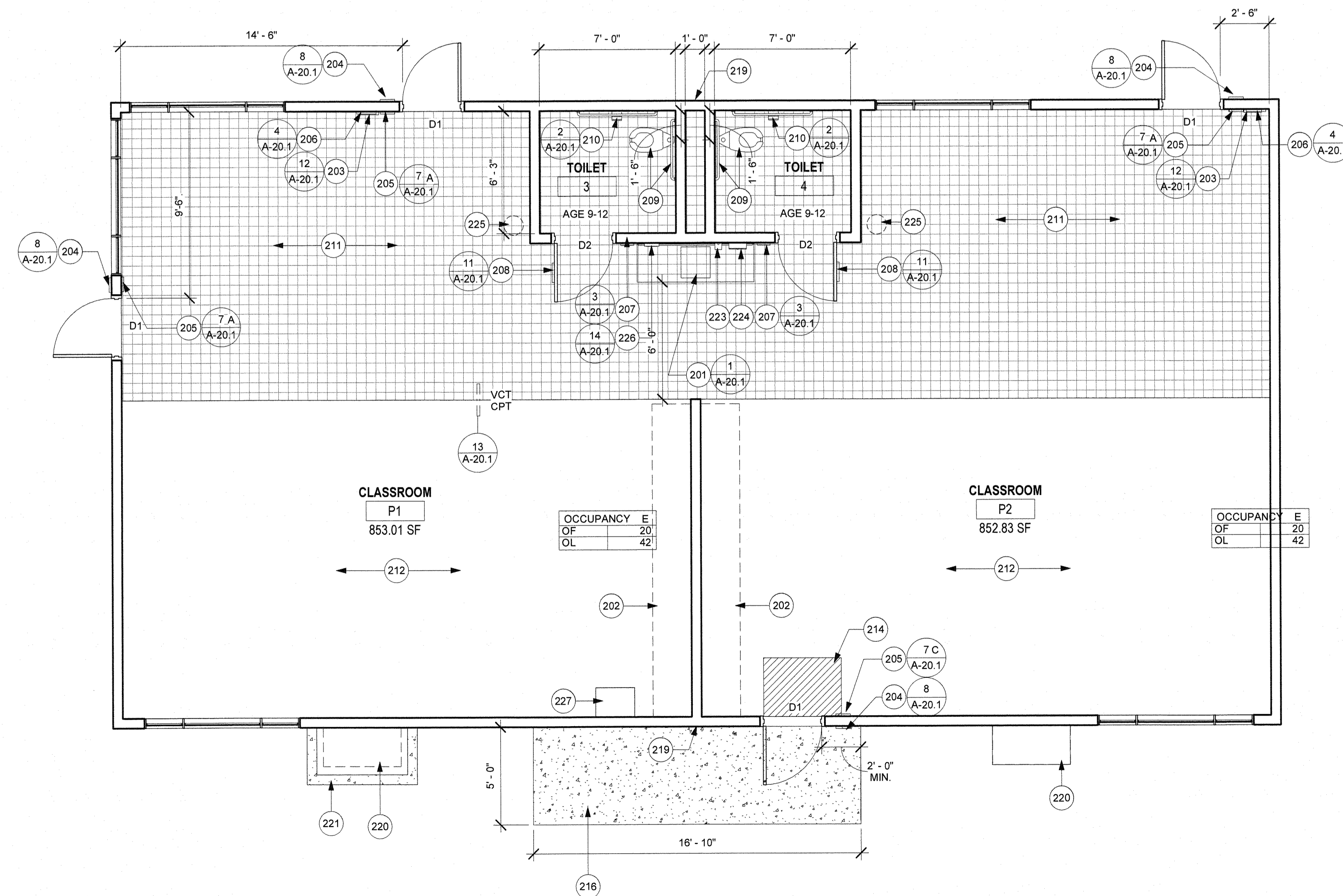
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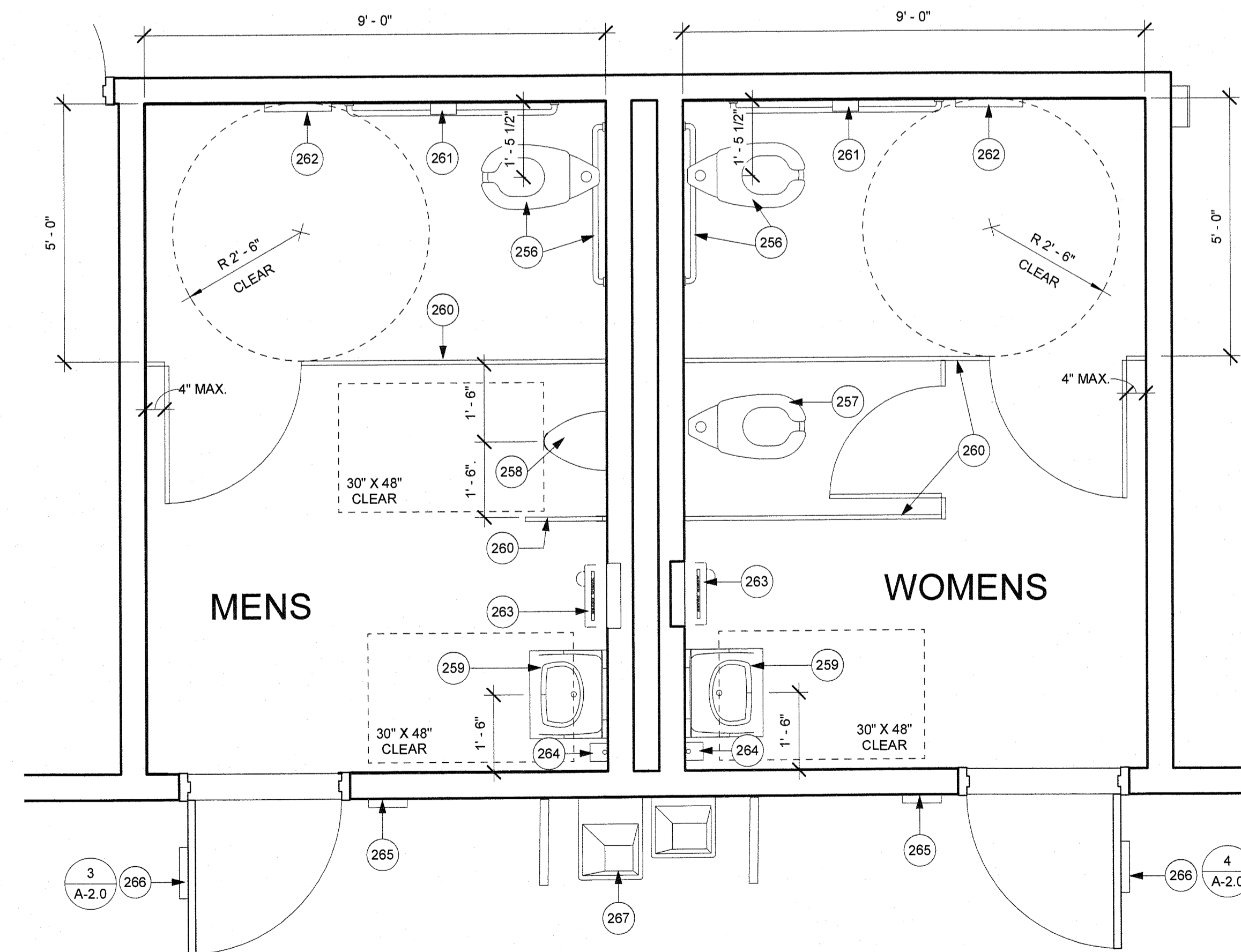


TOILET DOOR SIGNAGE-MEN 1 1/2" = 1'-0" 3

TOILET DOOR SIGNAGE-WOMEN 1 1/2" = 1'-0" 4



OVERALL FLOOR PLAN 1/4" = 1'-0" 1



ALL FIXTURES AND ACCESSORIES ARE EXISTING, PER A# 04-112862, U.O.N., AND COMPLY WITH DTL. 2 A-20.1

A#04-112862 STAFF RESTROOM 1/2" = 1'-0" 2

KEYNOTES

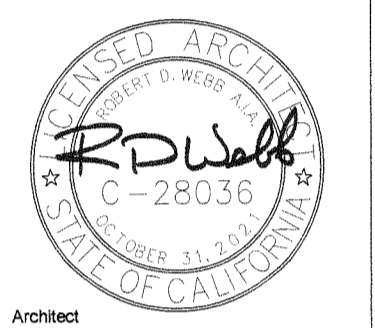
- 201 ACCESSIBLE CASEWORK WITH SINK PROVIDED BY CONTRACTOR, PER DETAIL REF'D ON PLAN
- 202 FUTURE CASEWORK, OFOI, BACKING WITHIN WALL PROVIDED BY BLDG MANUFACTURER, PER PC DRAWINGS
- 203 SURFACE MOUNTED FIRE EXTINGUISHER PROVIDED BY CONTRACTOR, PER DETAIL REF'D ON PLAN
- 204 EXTERIOR WALL MOUNTED ROOM IDENTIFICATION SIGN PROVIDED BY CONTRACTOR, PER DETAIL REF'D ON PLAN
- 205 INTERIOR WALL MOUNTED EXIT SIGN TO BE PROVIDED BY CONTRACTOR, PER DETAIL REF'D ON PLAN
- 206 INTERIOR WALL MOUNTED ASSITVE LISTENING SIGN PROVIDED BY CONTRACTOR, PER DETAIL REF'D ON PLAN
- 207 INTERIOR WALL MOUNTED TOILET ROOM SIGN PROVIDED BY CONTRACTOR, PER DETAIL REF'D ON PLAN
- 208 INTERIOR DOOR MOUNTED TOILET ROOM SIGN PROVIDED BY CONTRACTOR, PER DETAIL REF'D ON PLAN
- 209 TOILET AND GRAB BARS PROVIDED BY BLDG MANUFACTURER, PER PC DRAWINGS
- 210 TOILET TISSUE DISPENSER, BOBRICK B2888 PROVIDED BY CONTRACTOR PER DETAIL REF'D ON PLAN
- 211 RESILIENT FLOORING AND RUBBER BASE, PROVIDED BY CONTRACTOR
- 212 CARPET FLOOR TILE AND RUBBER BASE PROVIDED BY CONTRACTOR
- 214 WALK OFF MAT CARPET TILE, FLUSH W/ ADJACENT CARPET SURFACE, PROVIDED BY CONTRACTOR
- 216 NEW CONCRETE
- 217 NEW FENCING
- 218 NEW GATES
- 219 EXTERIOR HOSE BIB PROVIDED BY BLDG MANUFACTURER, PER PC DRAWINGS
- 220 EXTERIOR HVAC UNIT PROVIDED BY BLDG MANUFACTURER, PER PC DRAWINGS
- 221 6" HIGH BY 6" WIDE CONCRETE CURB AROUND HVAC UNIT PROVIDED BY CONTRACTOR
- 223 SOAP DISPENSER TO BE PROVIDED BY DISTRICT
- 224 PAPER TOWEL DISPENSER TO BE PROVIDED BY DISTRICT
- 225 TRASH BIN LOCATION, PROVIDED BY DISTRICT
- 226 INTERIOR WALL MOUNTED OCCUPANCY SIGN PROVIDED BY CONTRACTOR, PER DTL REF'D ON PLAN
- 227 IDF CABINET, PER ELECTRICAL DWGS. BOTTOM OF SUPPORT OR UNIT SHALL BE 80" MIN.
- 256 (E) ACCESSIBLE TOILET & GRAB BARS
- 257 (E) TOILET
- 258 (E) ACCESSIBLE URINAL
- 259 (E) ACCESSIBLE LAVATORY
- 260 (E) TOILET/URINAL PARTITION
- 261 (E) TOILET TISSUE DISPENSER
- 262 (E) TOILET SEAT COVER DISPENSER
- 263 (E) ELECTRIC HAND DRYER
- 264 (E) SOAP DISPENSER
- 265 (E) WALL MOUNTED TOILET ROOM SIGN
- 266 REMOVE EXISTING TOILET DOOR SIGN AND PROVIDE NEW PER DTL REF'D ON PLAN. PATCH DOOR PAINT AS REQUIRED
- 267 (E) ACCESSIBLE DRINKING FOUNTAIN WITH GUARD RAILS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

04 119201
ACS 2L PLS DS SS
DATE JUN 10 2020

Rev. # Description Date

studiowc
ARCHITECTURE + ENGINEERING
515 Encinitas Blvd. Ste. 201, Encinitas, California 92024
Telephone: (760)753-8800 Fax: (760)452-7541



CHET F. HARRITT SCHOOL
PROJECT SAFE ADDITION
SANTEE SCHOOL DISTRICT

FLOOR PLAN

Drawn: Author
Checked: Checker

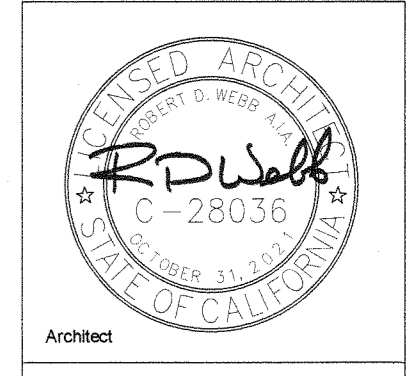
Date:

Job:

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Rev. #	Description	Date

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 ARCHITECTURE + ENGINEERING
 615 Encinitas Blvd. Ste. 201, Encinitas, California 92024
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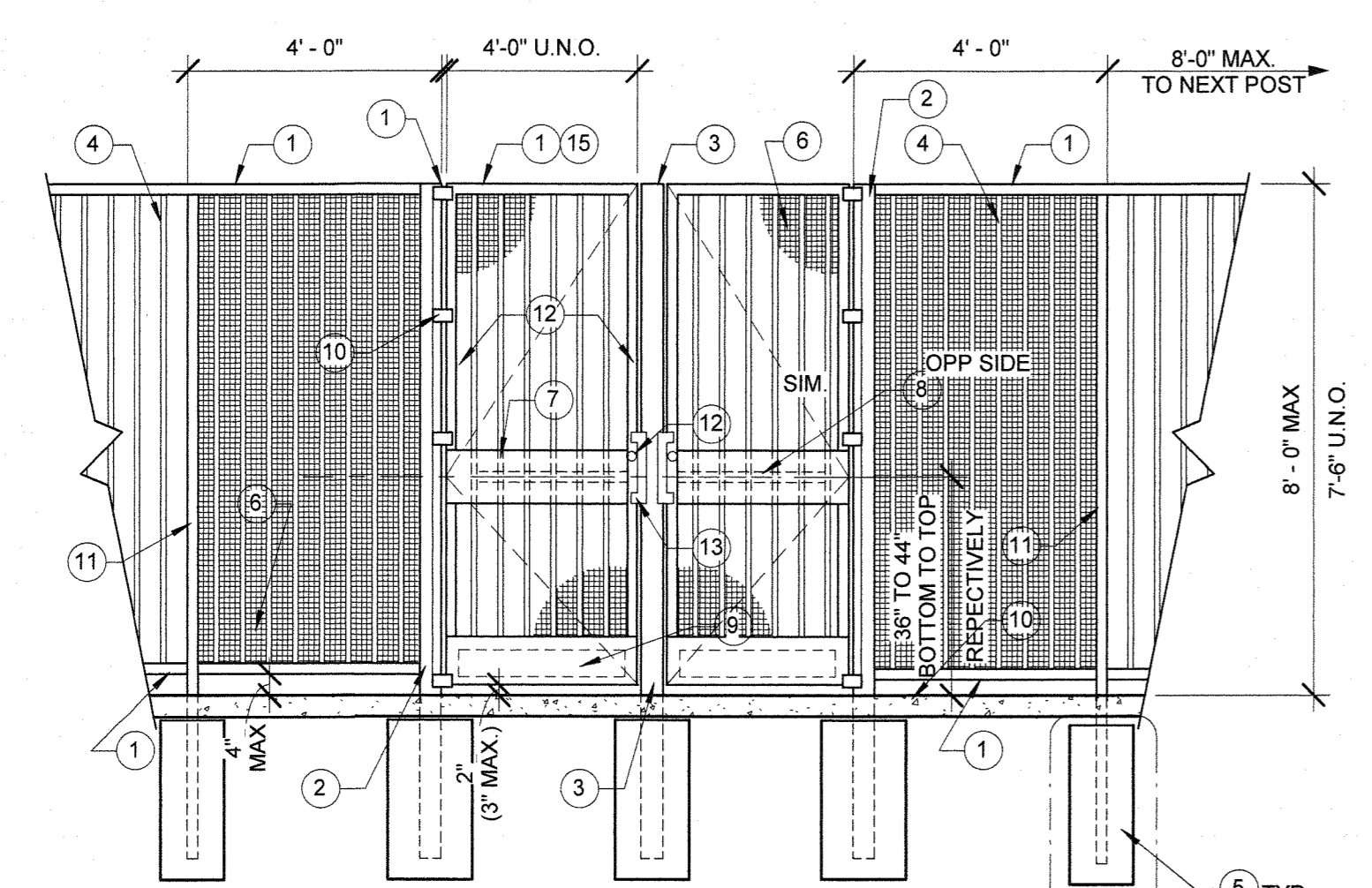


Architect
CHET F. HARRITT SCHOOL
 PROJECT SAFE ADDITION
 SANTEE SCHOOL DISTRICT

SITE PLAN DETAILS

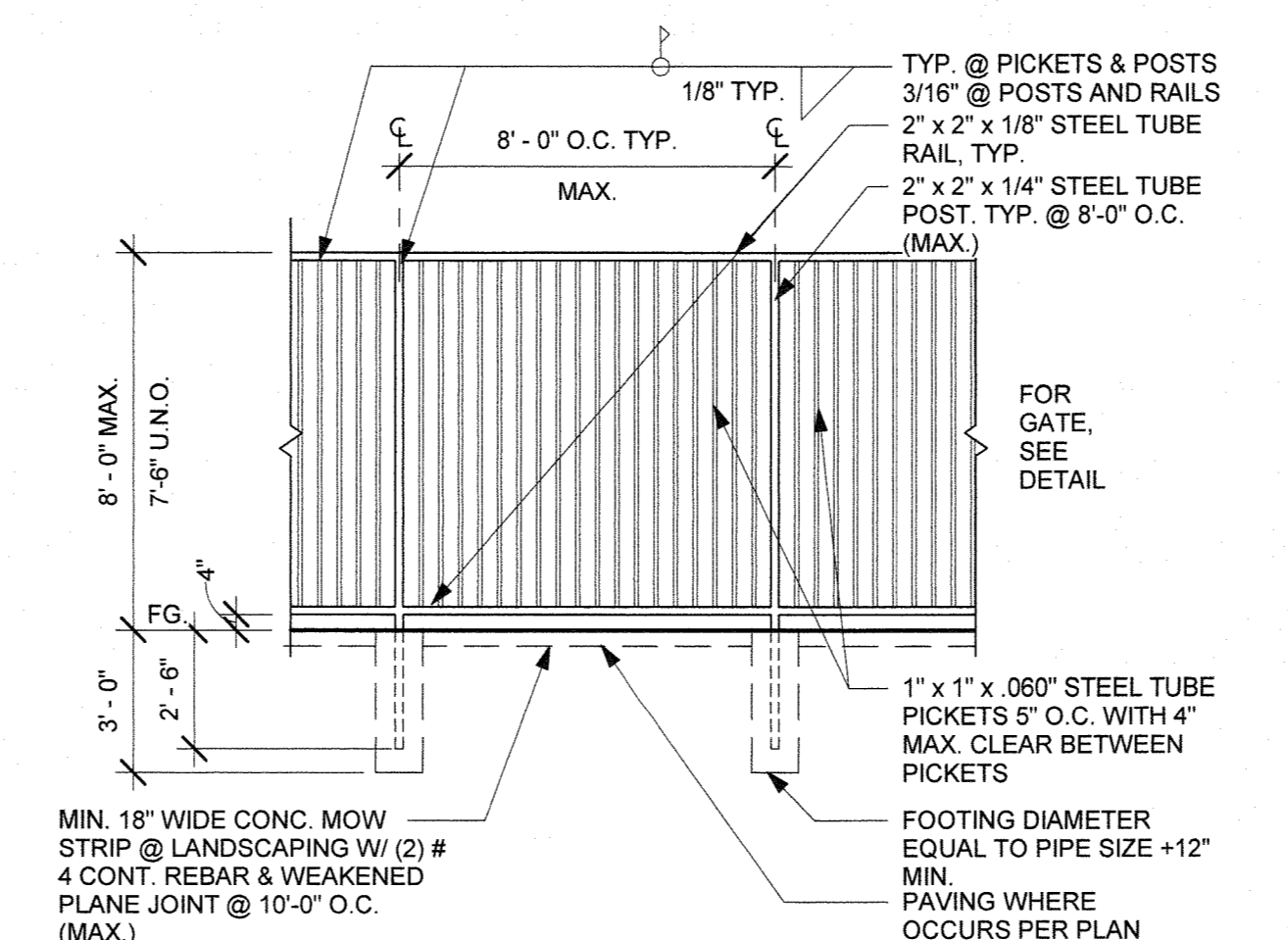
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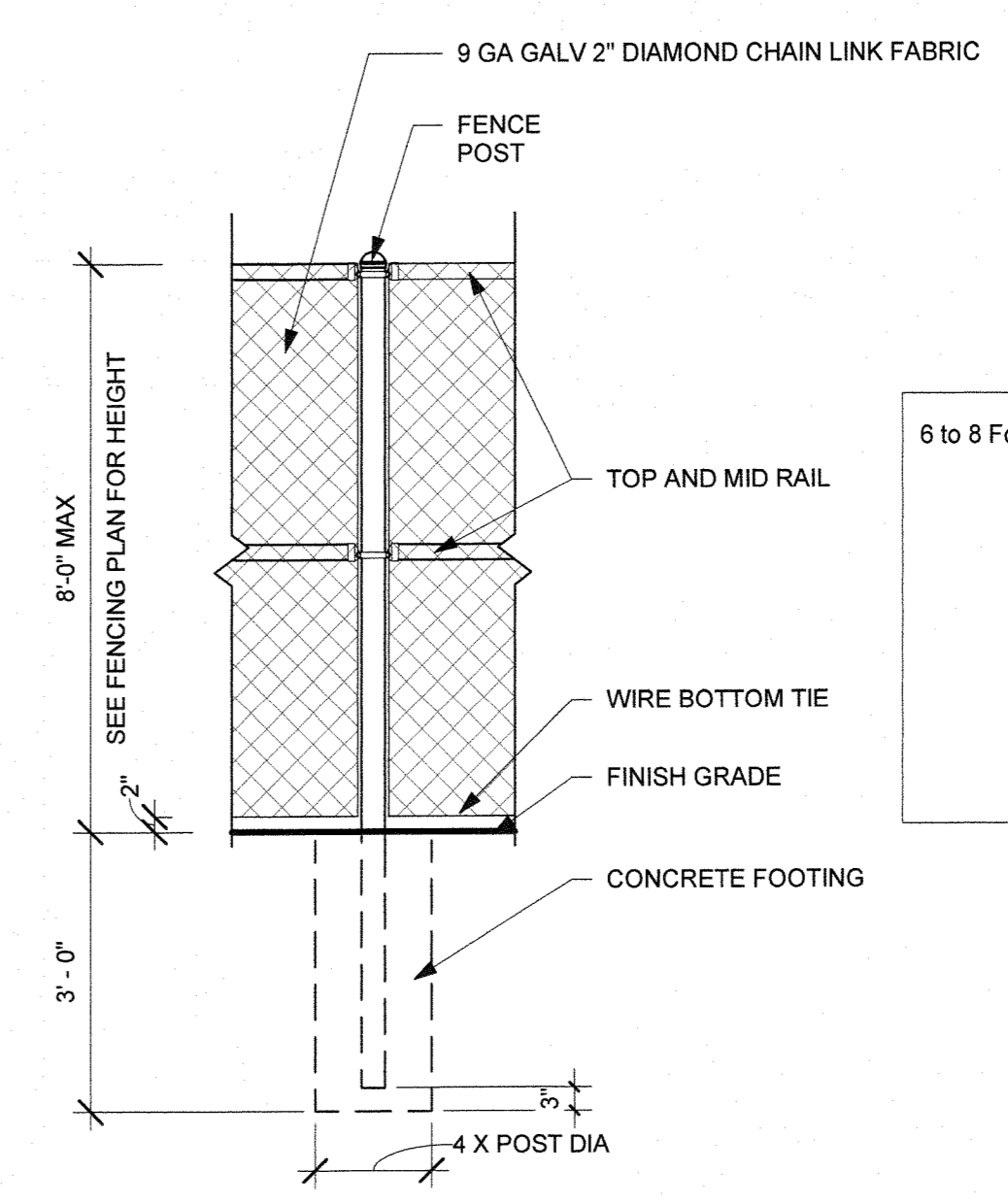


NOTE:
 - SINGLE LEAF GATE SIMILAR
 - ALL WELDS TO BE GROUND SMOOTH
 - ALL STEEL PARTS TO BE HOT DIP GALVANIZED AFTER EACH FABRICATION
 - ALL PARTS TO BE WELDED TOGETHER WITH 3/16" FILLET WELDS ALL AROUND, UNLESS OTHERWISE NOTED, TYPICAL
 - AREAS WHERE GALVANIZING IS REMOVED DURING CONSTRUCTION SHALL BE TREATED W/ GALVANIC PAINT BLENDED INTO APPEARANCE
 - FIELD PAINT FENCE. TREAT GALVANIZING WITH ETCHING PROCESS AS RECOMMENDED BY PAINTING MANUFACTURER.
 - MANUAL CANE BOLTS OR MANUALLY LOCKING HARDWARE OR CHAINS SHALL NOT BE PERMITTED ON GATES WITH PANIC HARDWARE

- 1 2" x 2" x 1/8" STEEL TUBE
- 2 4" x 4" x 1/4" STEEL TUBE
- 3 2" x 4" x 1/4" STEEL TUBE
- 4 1" x 1" x .060" STEEL TUBE PICKETS
5" OC WITH 4" MAX CLEAR BETWEEN PICKETS
- 5 CONC. FTG PER DETAIL
- 6 1" x 1" x 14GA GALV WELDED WIRE SCREEN WITH EDGE BAND TACK WELDED AT 4" O.C. TO FRAME AND PICKETS. PROVIDE A MIN. OF 4'-0" ON EACH SIDE OF GATE AND TERMINATE INTO FENCE POST METHOD OF GALV. APPLICATION ON PERF. SHEET METAL SHALL ASSURE THAT ALL PERF. HOLES REMAIN OPEN AND FREE OF EXCESS GALV. MATL
- 7 1/8" STEEL PLATE, WELDED TO GATE FRAME SEE
- 8 PANIC BAR HARDWARE
- 9 10" HIGH KICKPLATE - 1/8" SS PL. EA SIDE SCREWED TO GATE FRAME. SCREWS TO BE FLUSH WITH KICKPLATE. SEE DETAIL
- 10 CONC. HEAVY DUTY SPRING LOADED HINGE WELDED TO POST FRAME
- 11 2" x 2" x 1/8" STEEL TUBE
- 12 DOOR PULL AND STOP PER HARDWARE SCHEDULE, SEE GATE SCHEDULE A8.1
- 13 FIXED DOOR LEVER W/ LOCK EA SIDE
- 14 PIPE SLEEVE
- 15 CLOSER (OPP. SIDE) EXTERIOR GRADE, TYP. EACH GATE LEAF



NOTE:
 - SINGLE LEAF GATE SIMILAR
 - ALL WELDS TO BE GROUND SMOOTH
 - ALL STEEL TO BE HOT DIP GALVANIZED AFTER FABRICATION
 - ALL PARTS TO BE WELDED TOGETHER WITH 3/16" FILLET WELDS ALL AROUND, UNLESS OTHERWISE NOTED, TYP.
 - AREAS WHERE GALVANIZING IS REMOVED DURING CONSTRUCTION SHALL BE TREATED WITH GALVANIC PAINT BLENDED INTO APPEARANCE

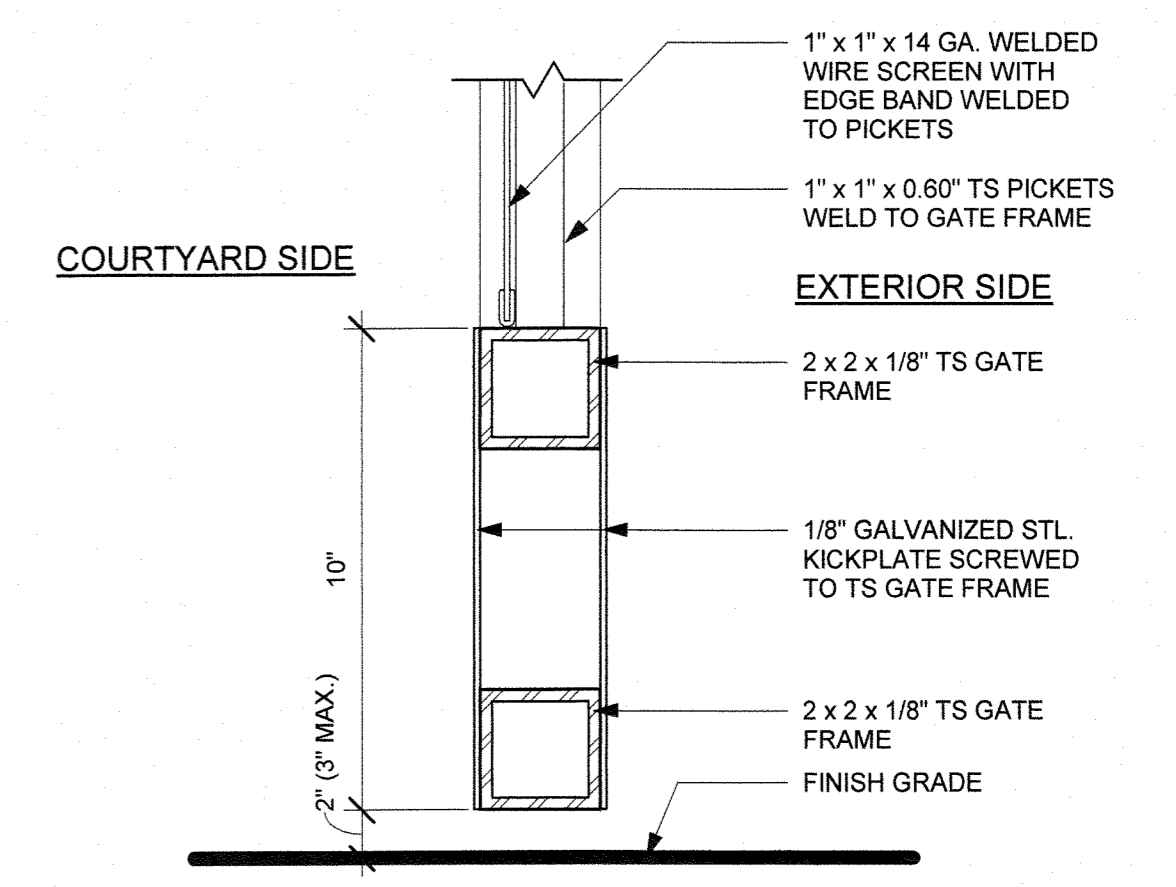
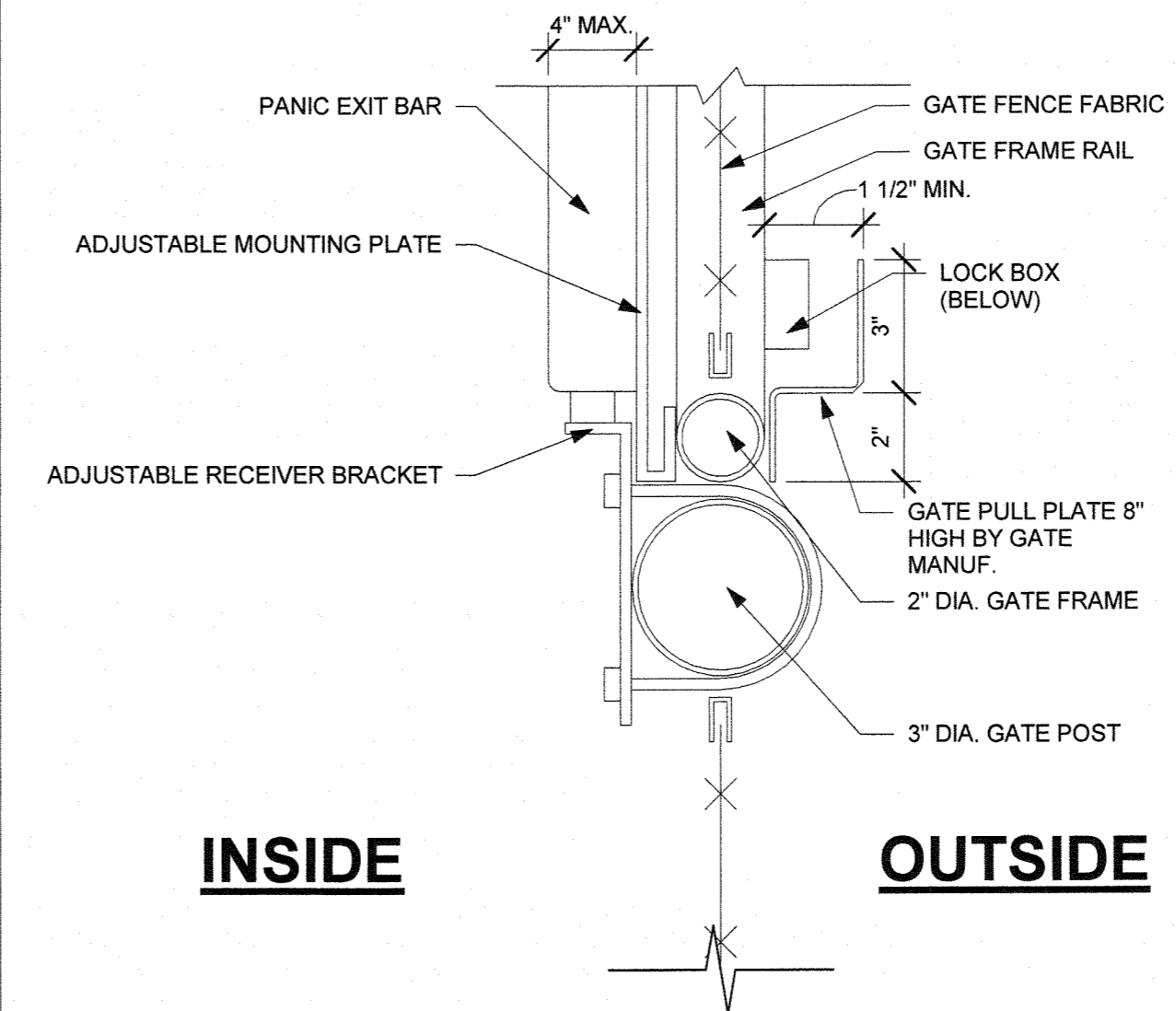
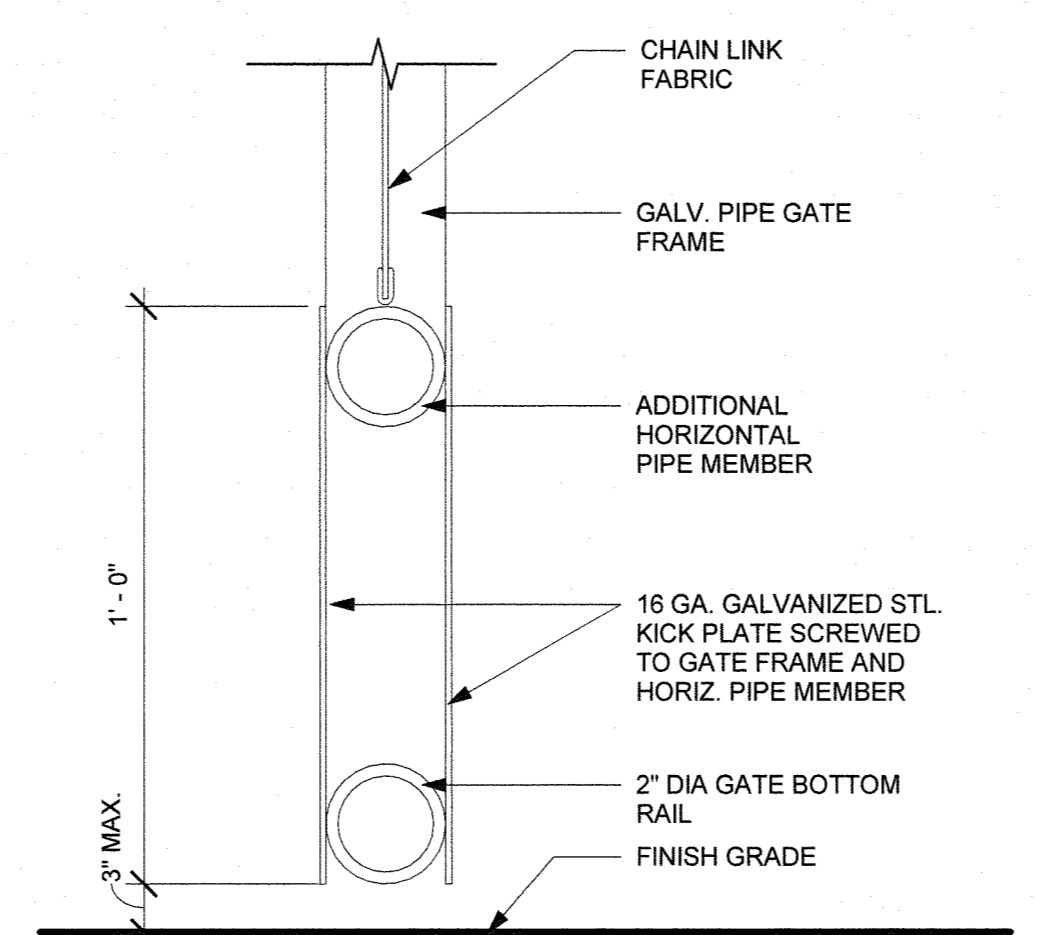
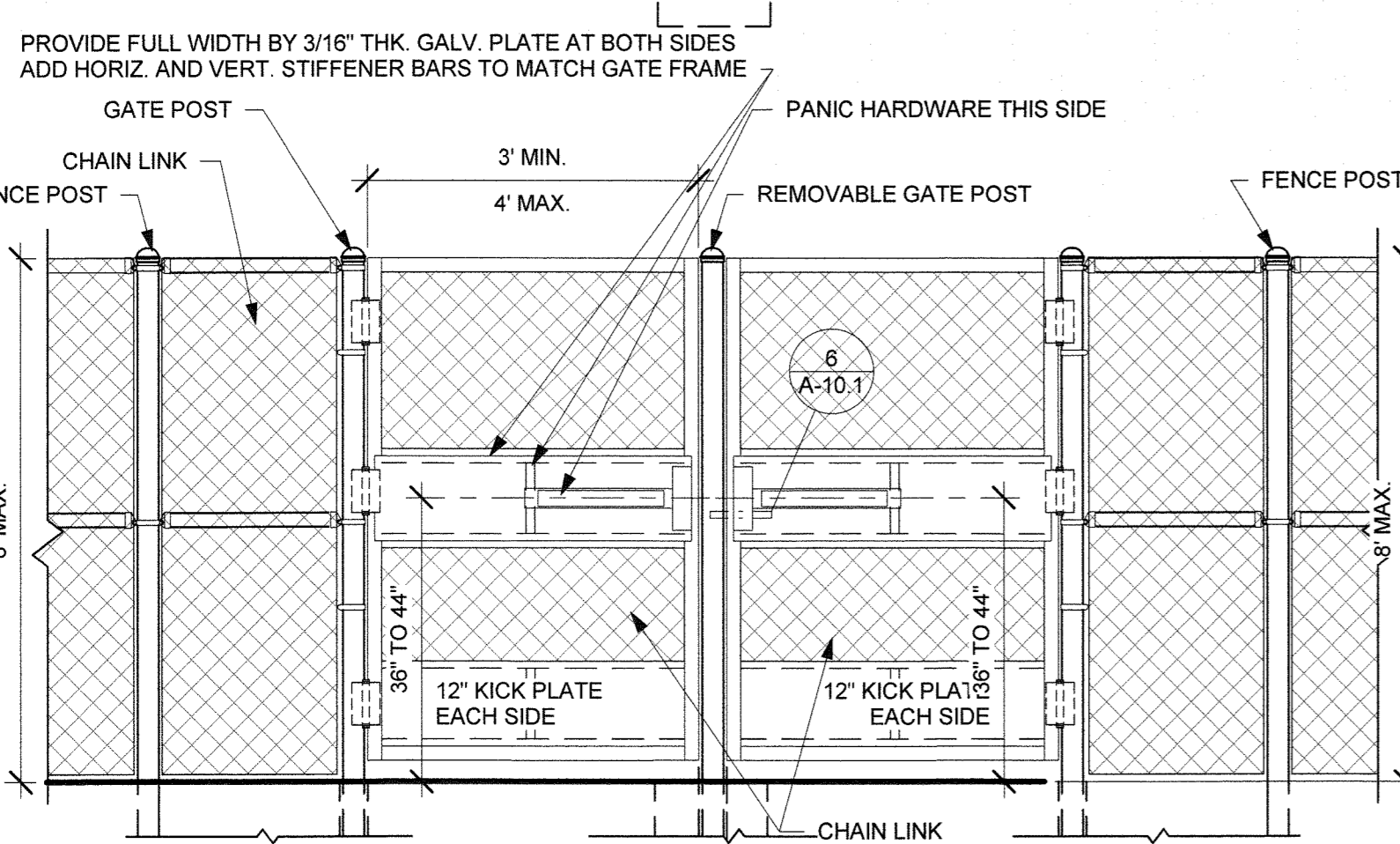
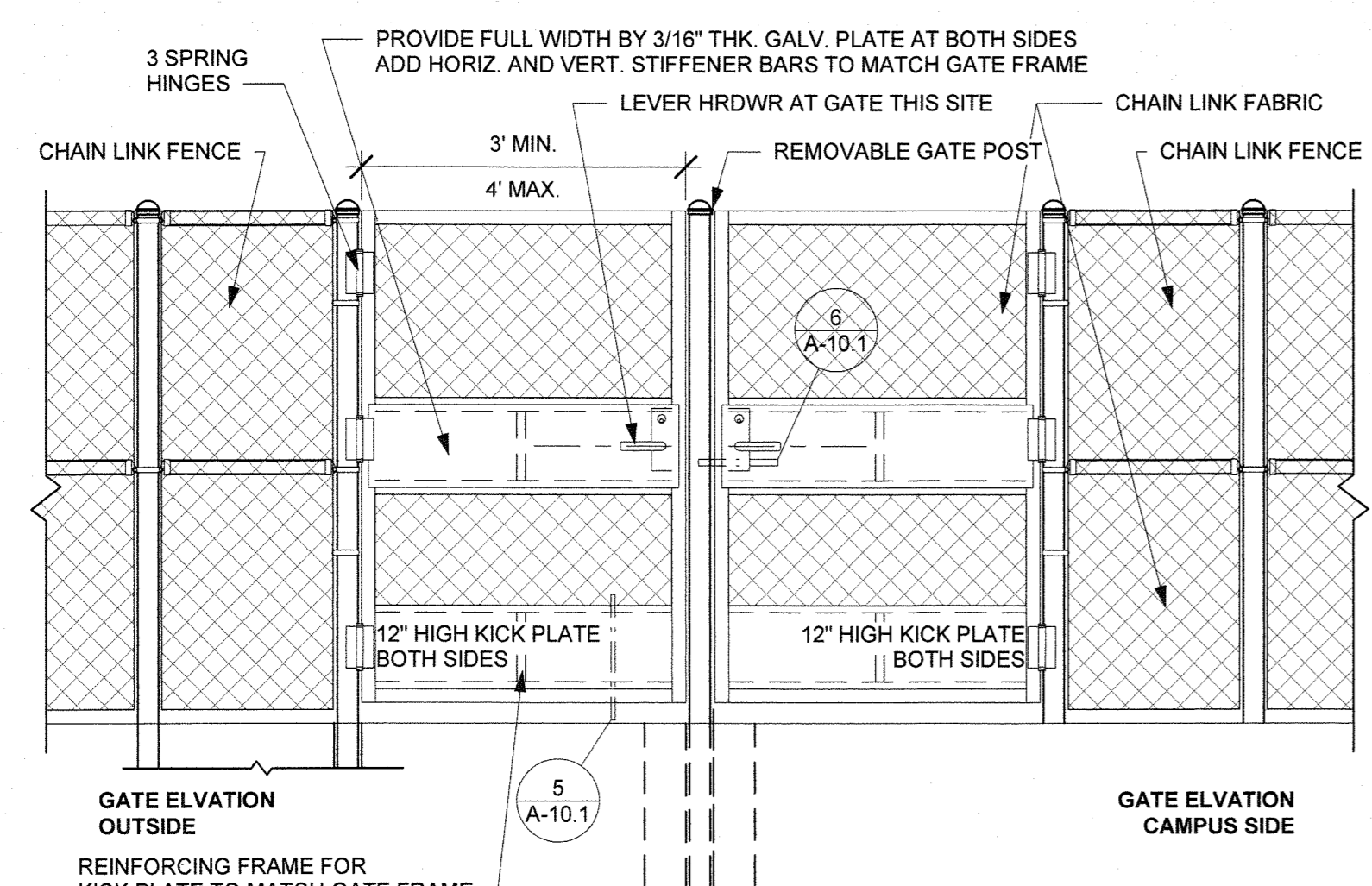


- 6 to 8 Foot High Fence:
1. Line Posts: 2.375" o.d. steel pipe, Class 1 Grade A or B;
 2. Corner and Terminal Posts: 2.875 o.d. steel pipe, Class 1 Grade A or B.
 3. Provide posts at 10'-0" maximum o.c. Provide top rail, mid-rail and bottom tension wire.

DECORATIVE DBL GATE W/PANIC HARDWARE 3/8" = 1'-0" 1

ELEVATION - DECORATIVE 1/4" = 1'-0" 3

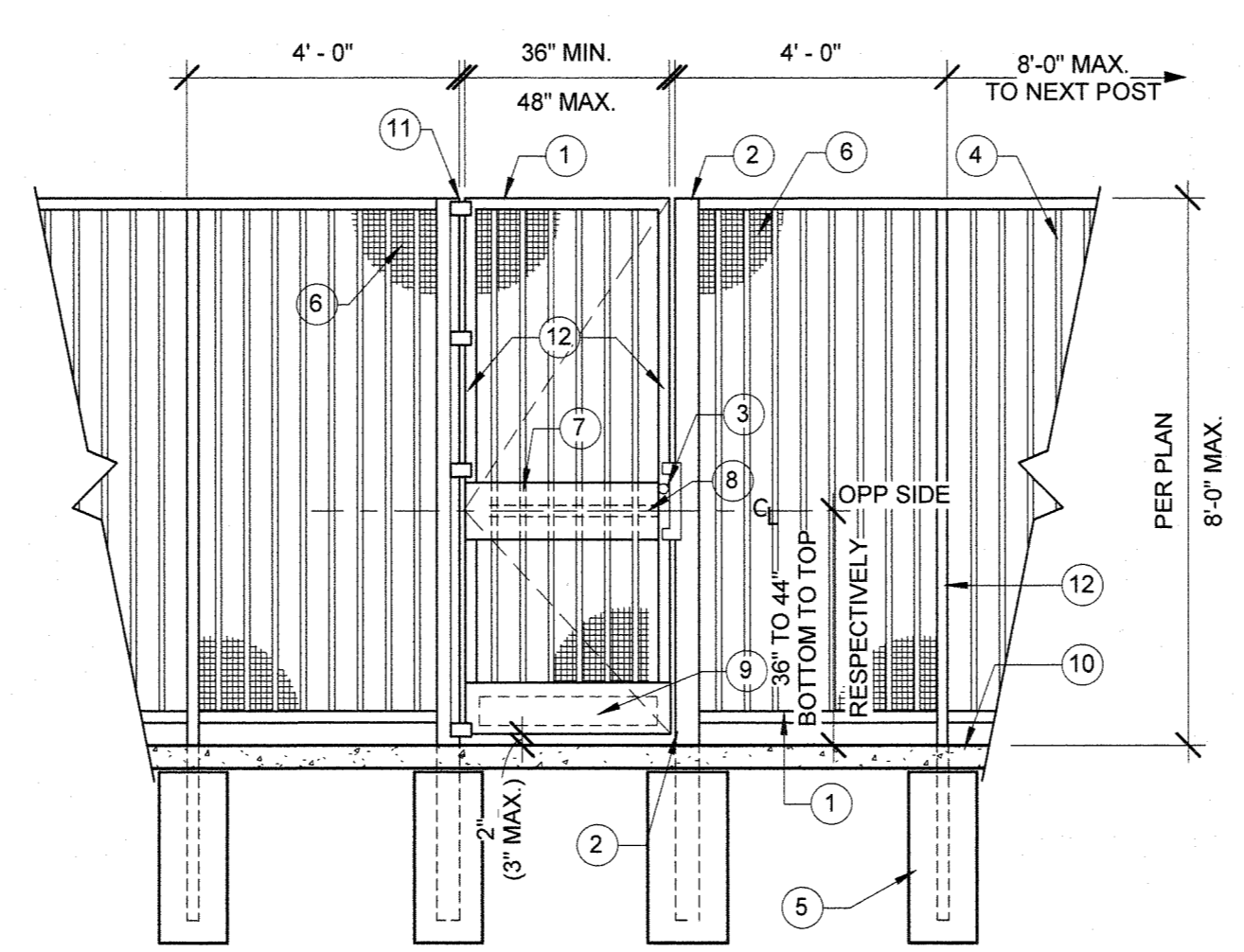
ELEVATION - CHAINLINK 1/2" = 1'-0" 9



C.L. FENCE KICK PLATE 3" = 1'-0" 5

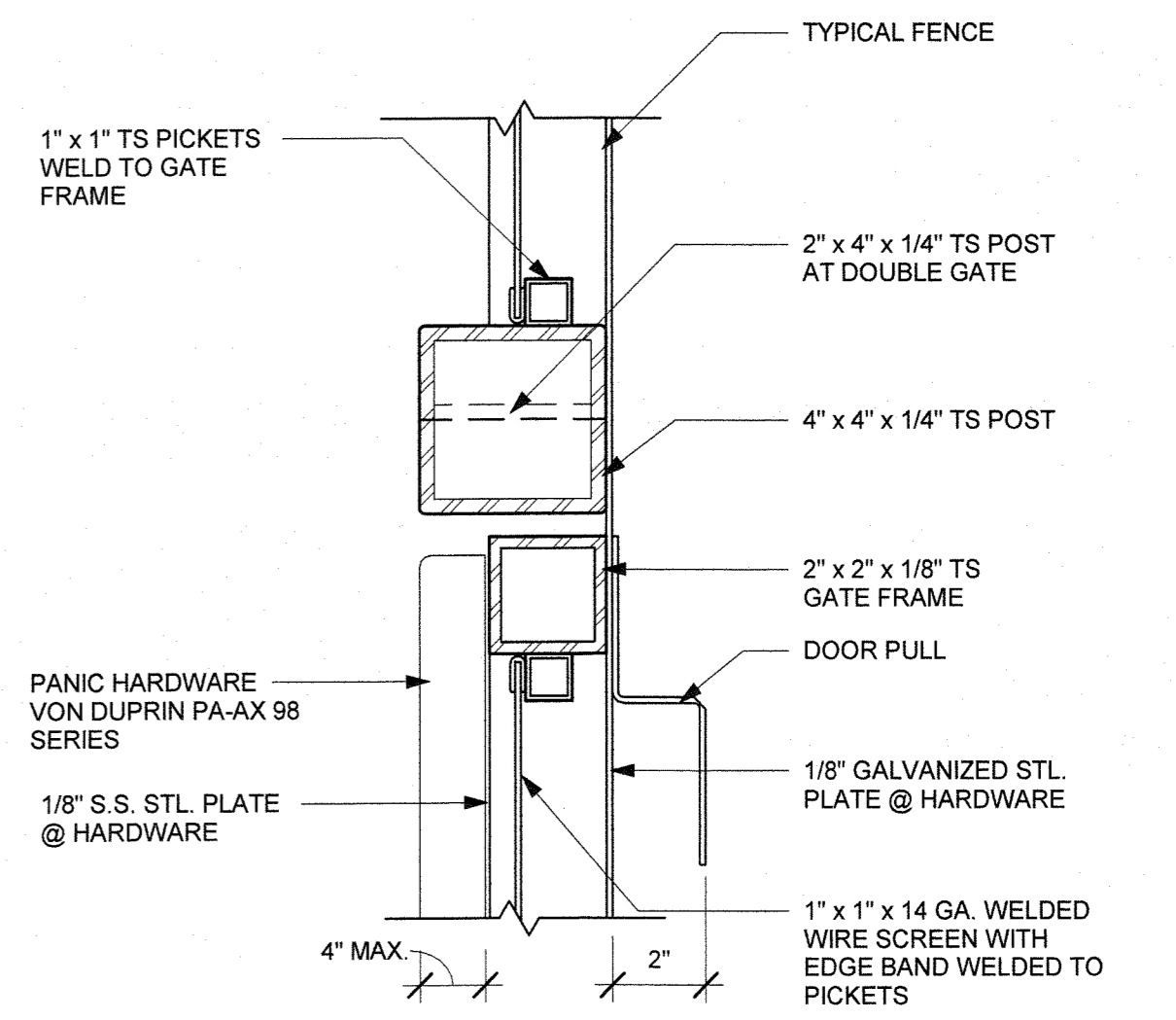
C.L. GATE LATCH P.H. 3" = 1'-0" 6

KICKPLATE DETAIL 3" = 1'-0" 8



NOTE:
 - ALL WELDS TO BE GROUND SMOOTH
 - ALL STEEL PARTS TO BE HOT DIP GALVANIZED AFTER EACH FABRICATION
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 - AREAS WHERE GALVANIZING IS REMOVED DURING CONSTRUCTION SHALL BE TREATED W/ GALVANIC PAINT BLENDED INTO APPEARANCE
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- 1 2" x 2" x 1/8" STEEL TUBE
- 2 4" x 4" x 1/4" STEEL TUBE
- 3 NEW PULL HARDWARE @ GATE
- 4 1" x 1" x .060" STEEL TUBE PICKETS
5" O.C. WITH 3.75" MAX. CLEAR BETWEEN PICKETS
- 5 CONC. FTG.
- 6 NEW 1" x 1" x 14 GA. GALV. WELDED WIRE SCREEN WITH EDGE BAND WELDED TO FRAME AND PICKETS. PROVIDE A MIN. OF 3'-0" ON EACH SIDE OF GATE AND TERMINATE INTO FENCE POST. METHOD OF GALV. APPLICATION ON PERF. SHEET METAL SHALL ASSURE THAT ALL PERF. HOLES REMAIN OPEN & FREE OF EXCESS GALV.
- 7 1/8" STEEL PLATE, WELDED TO GATE FRAME. SEE DETAIL
- 8 NEW PANIC BAR HARDWARE
- 9 NEW 10" HIGH KICKPLATE - 1/8" GV ST PL. EA. SIDE SCREWED TO GATE FRAME. SCREWS TO BE FLUSH WITH KICK PLATE. SEE DETAIL
- 10 CONC. PAVING (CONC. MOW STRIP @ LANDSCAPING)
- 11 CONT. HEAVY DUTY SPRING LOADED HINGE WELDED TO POST FRAME
- 12 2" x 2" x 1/4" STEEL TUBE



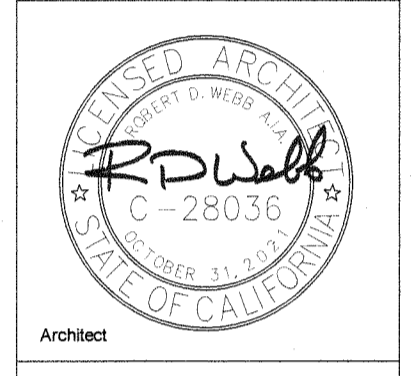
CHAIN LINK GATE DBL PH 1/2" = 1'-0" 2

DECORATIVE SINGLE GATE W/PANIC HARDWARE 3/8" = 1'-0" 7

GATE MULLION 3" = 1'-0" 4

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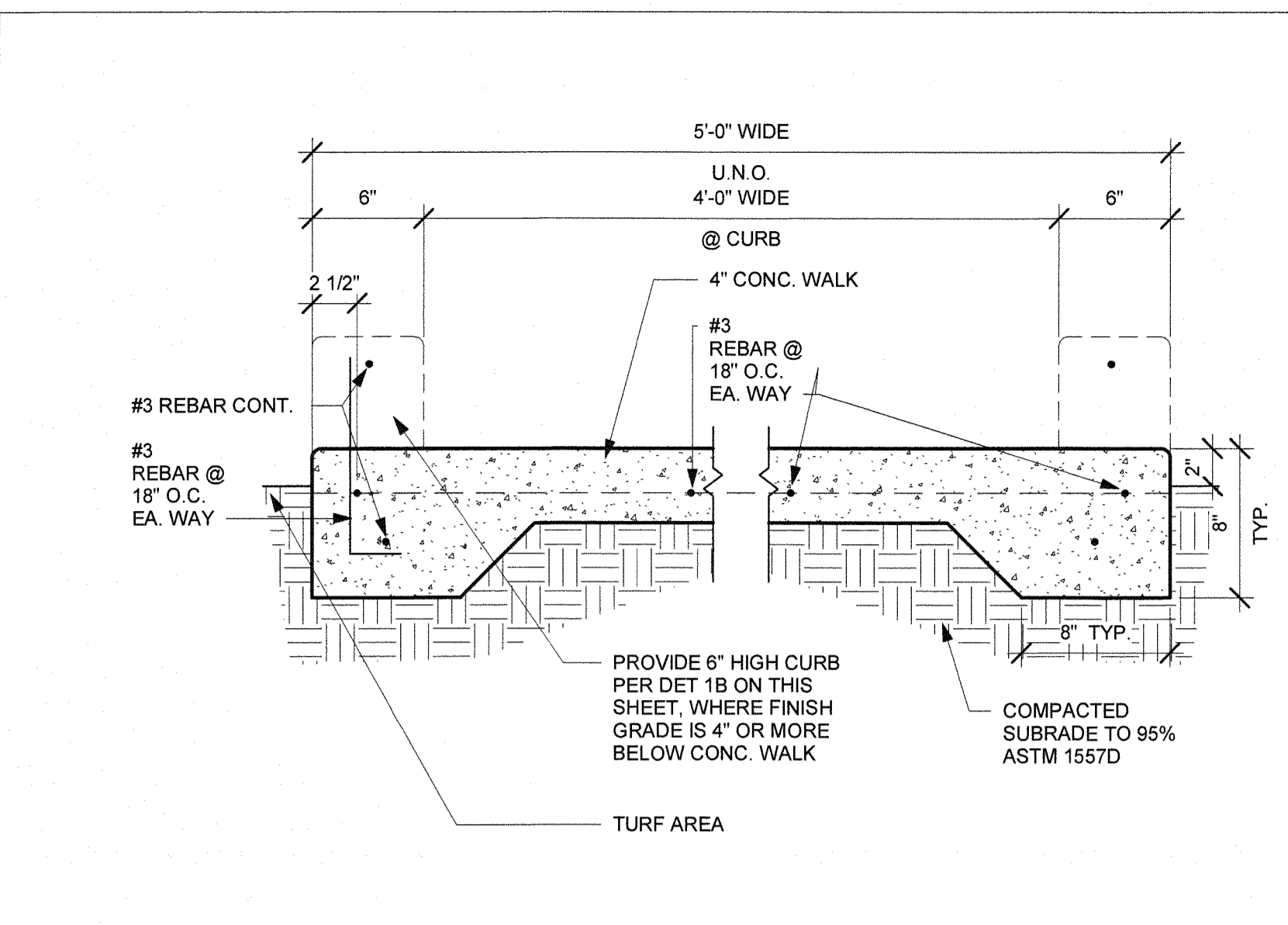


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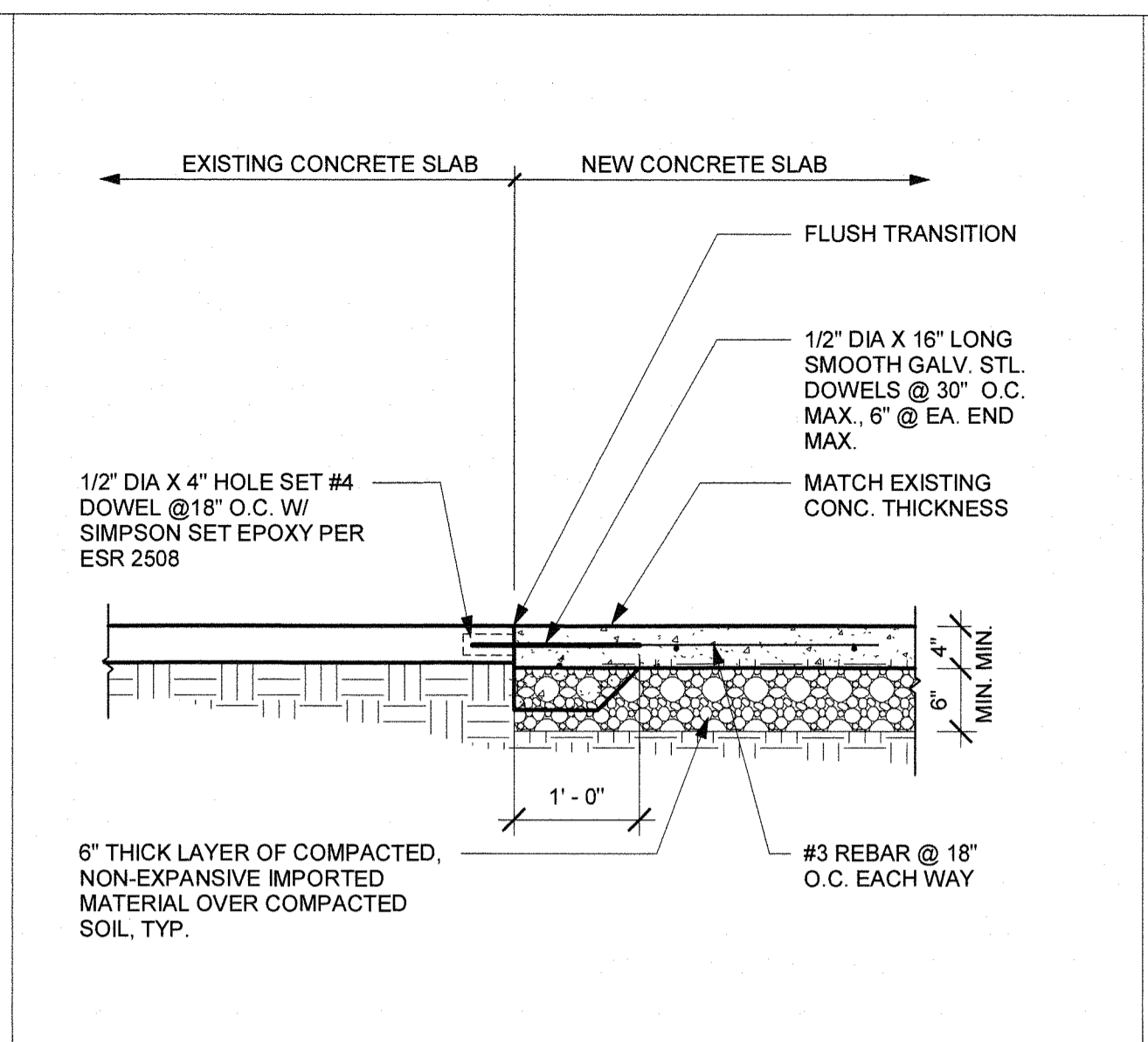
SITE PLAN DETAILS

Drawn: _____
Author: _____
Checked: _____
Checker: _____
Date: _____

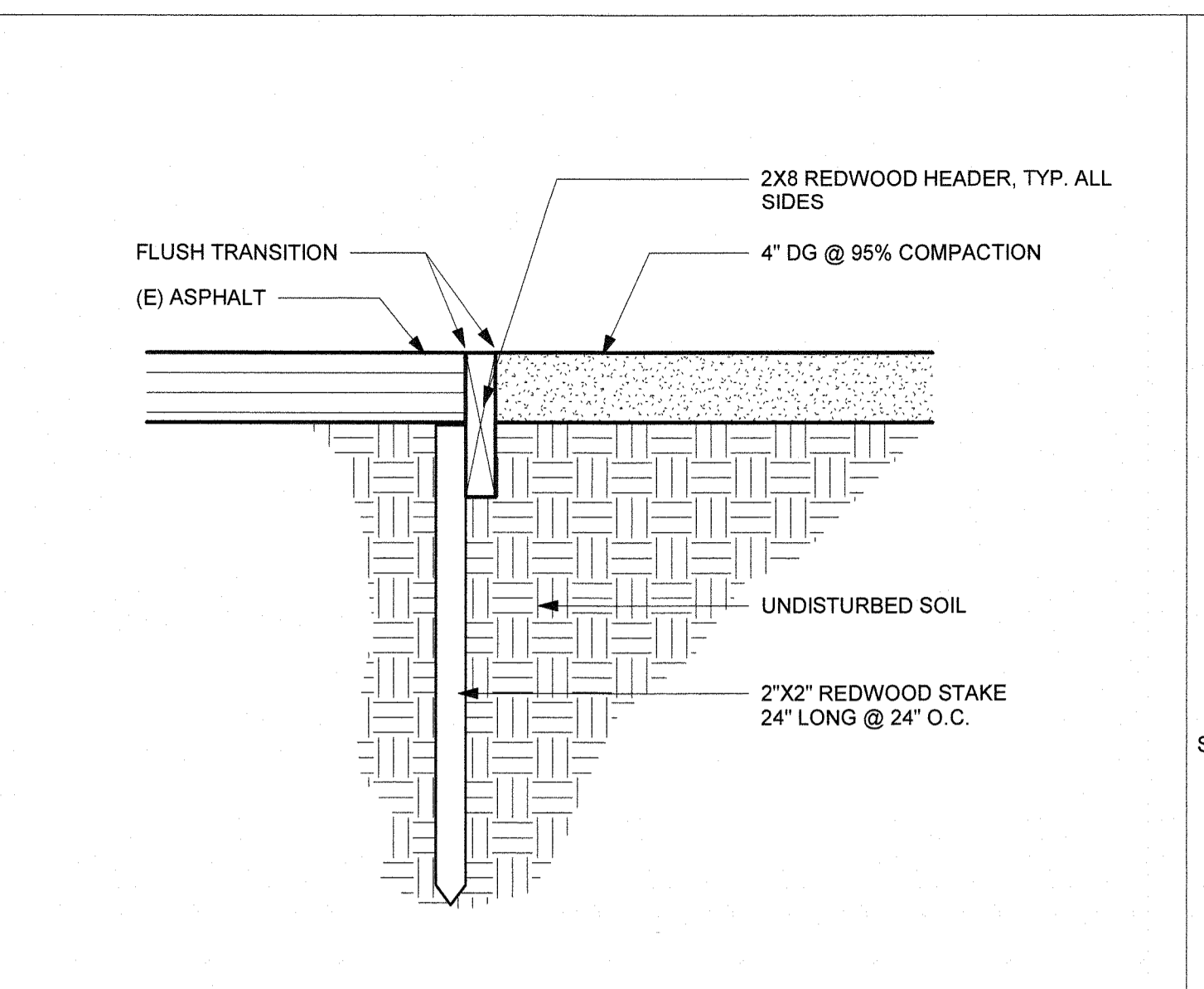
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A-10.2



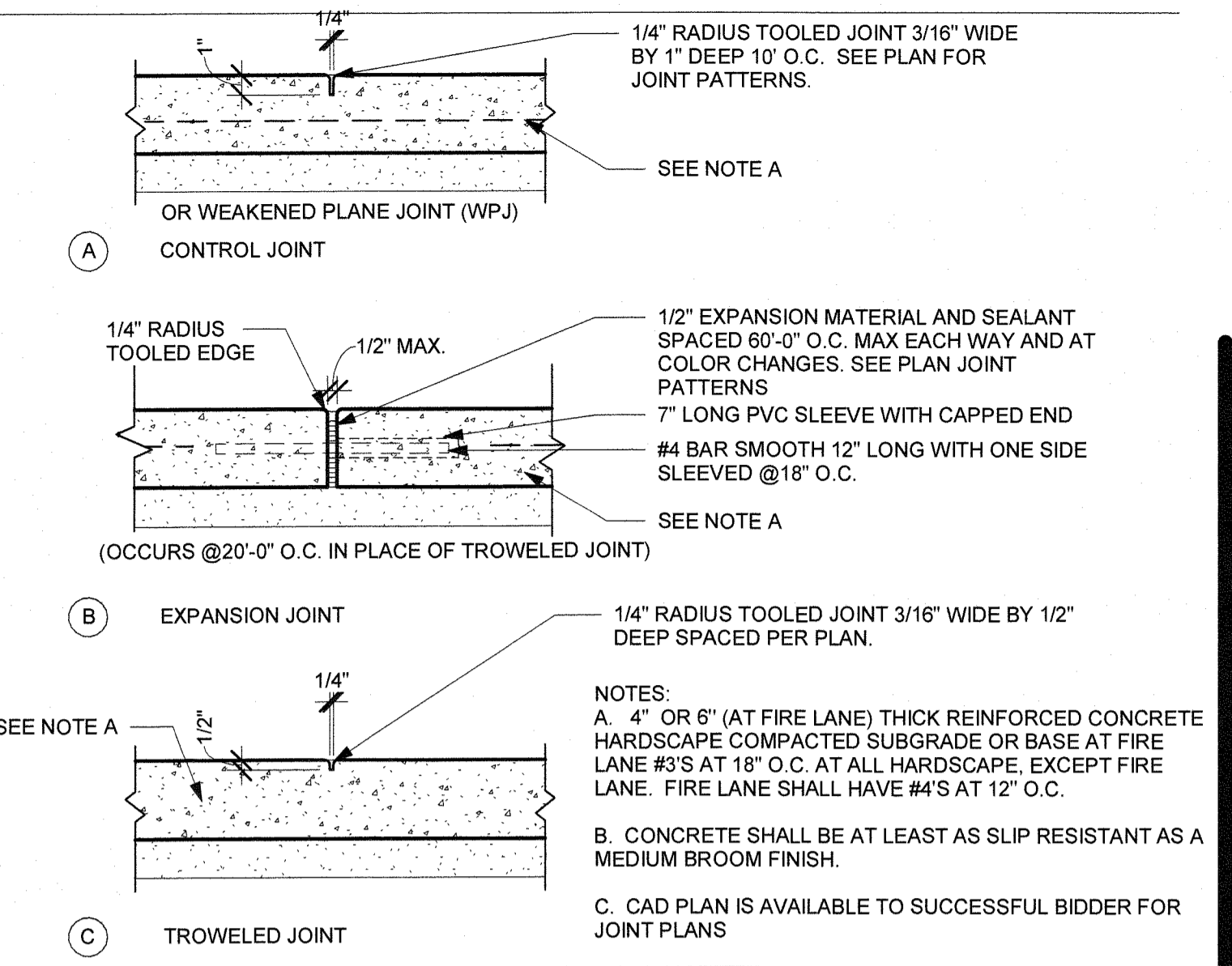
CONC. ACCESSIBLE WALK 1 1/2" = 1'-0" 1



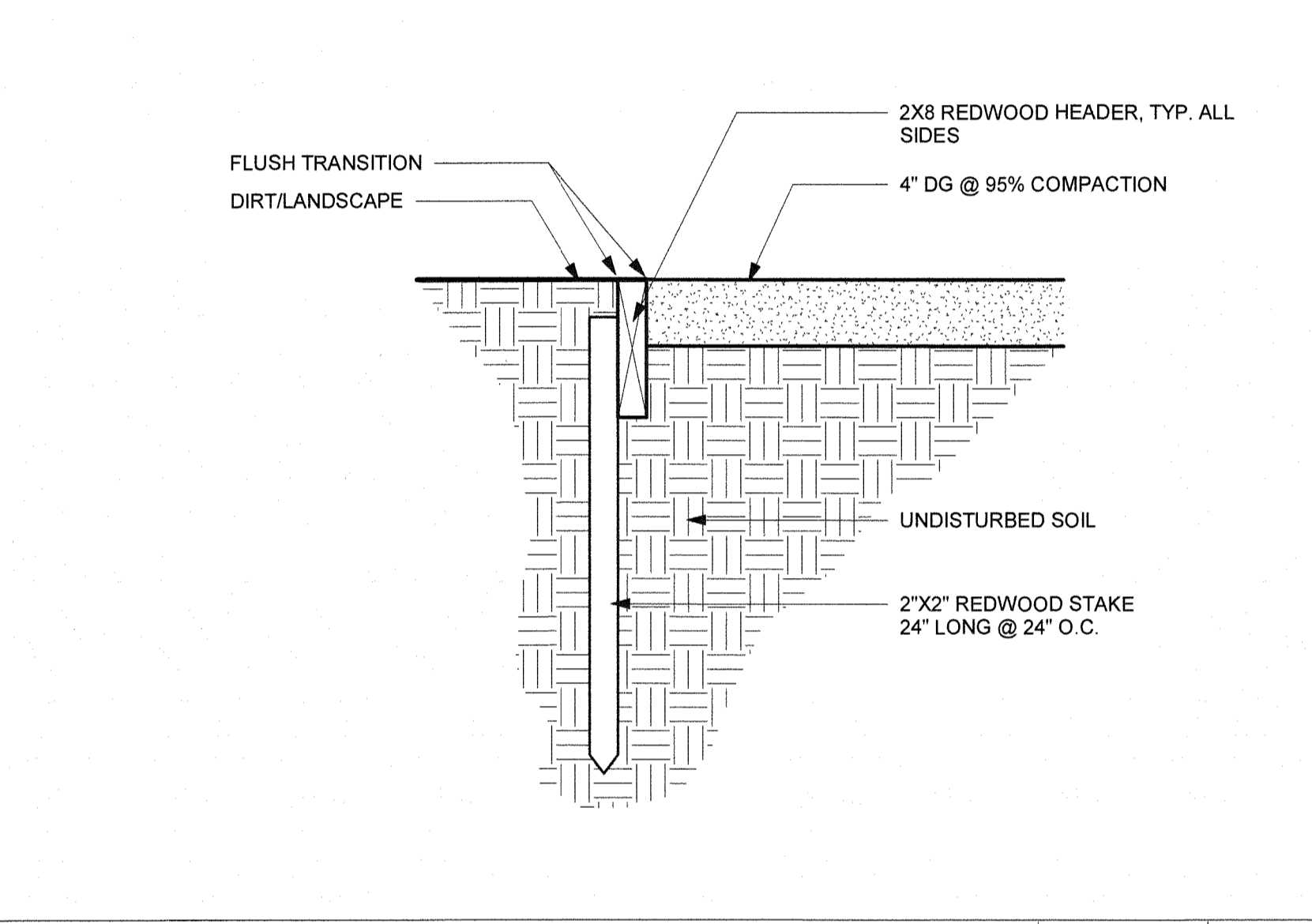
CONCRETE NEW TO EXIST. 3/4" = 1'-0" 2



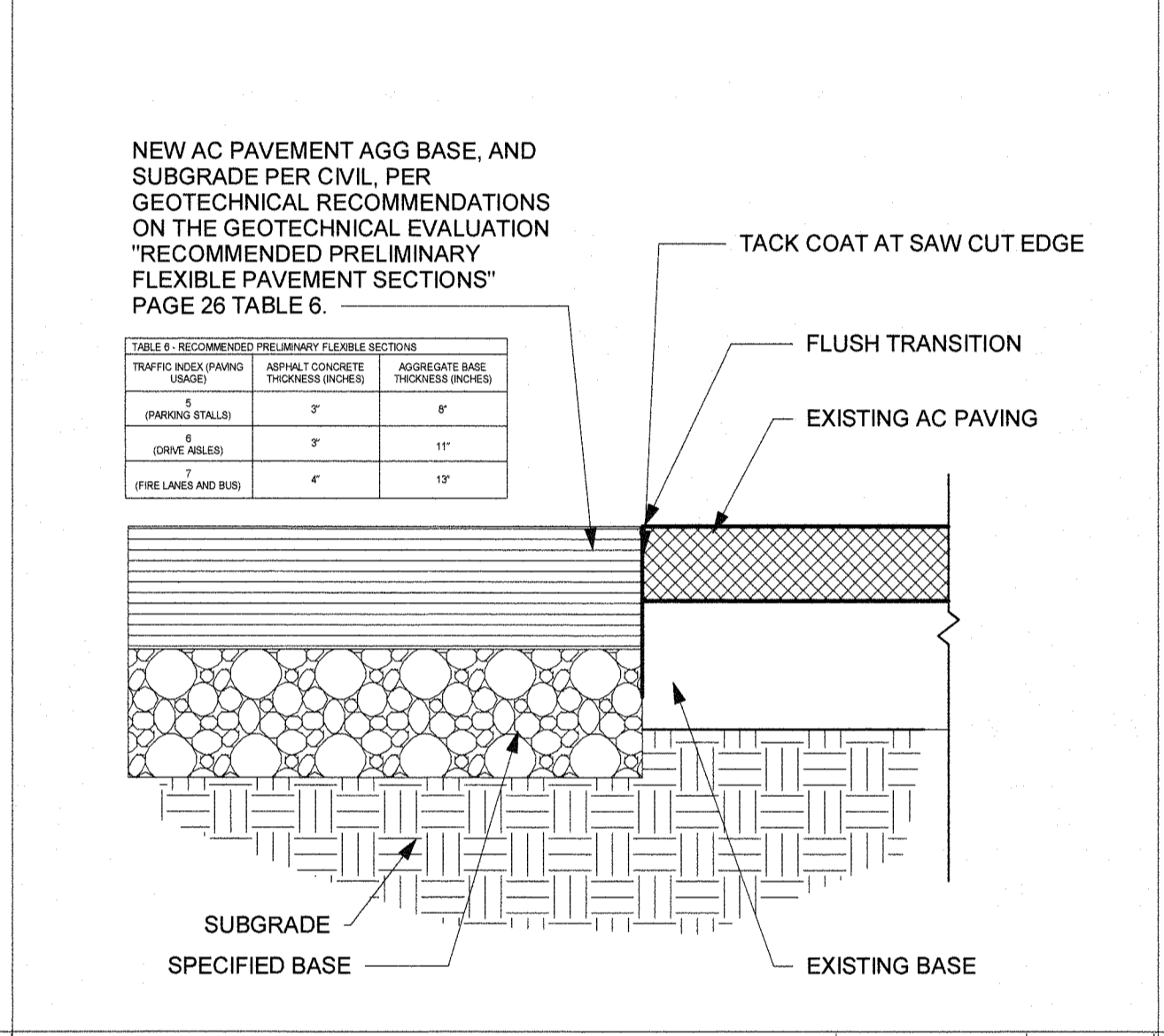
DG AT ASPHALT 1 1/2" = 1'-0" 3



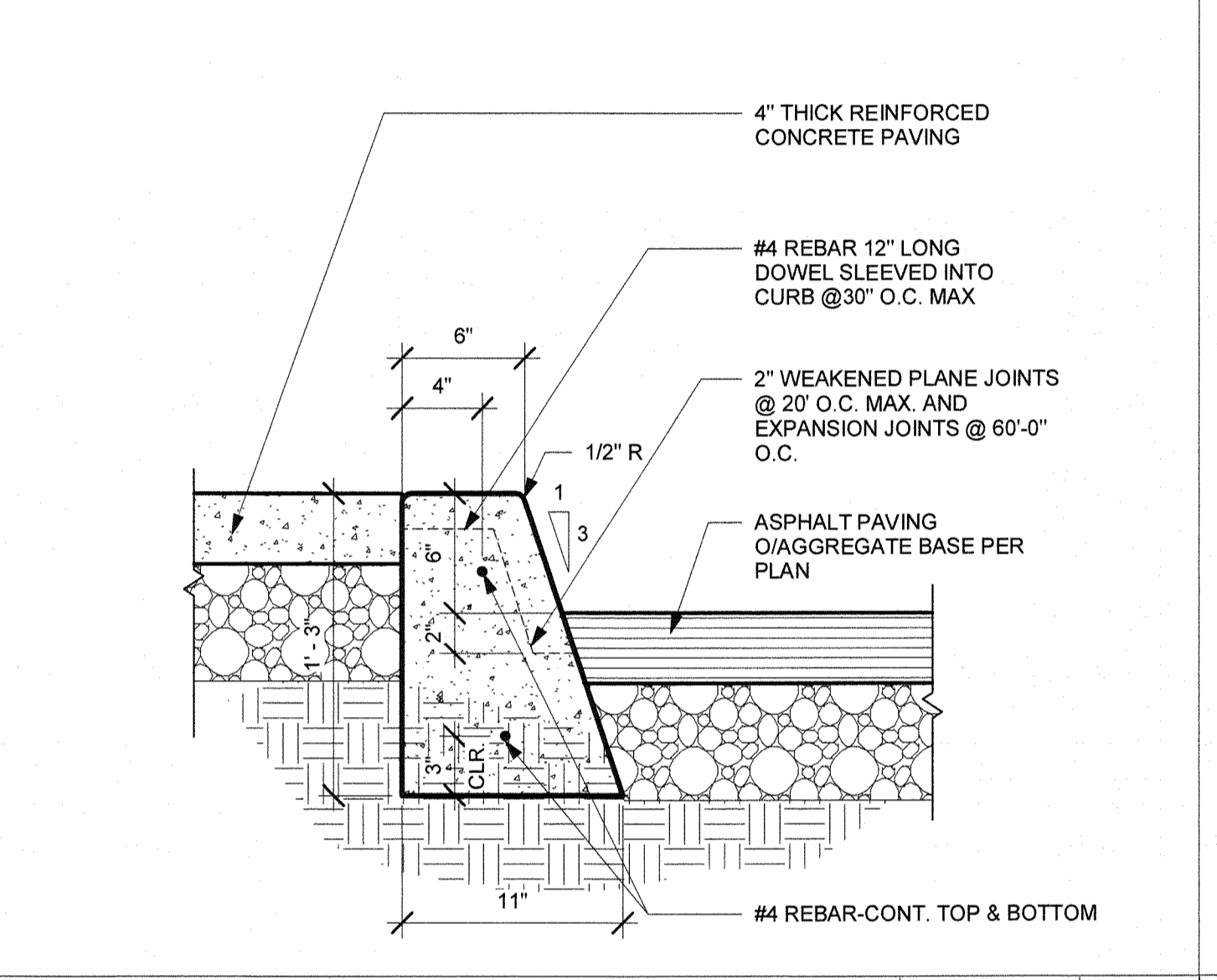
CONCRETE JOINTS 1 1/2" = 1'-0" 4



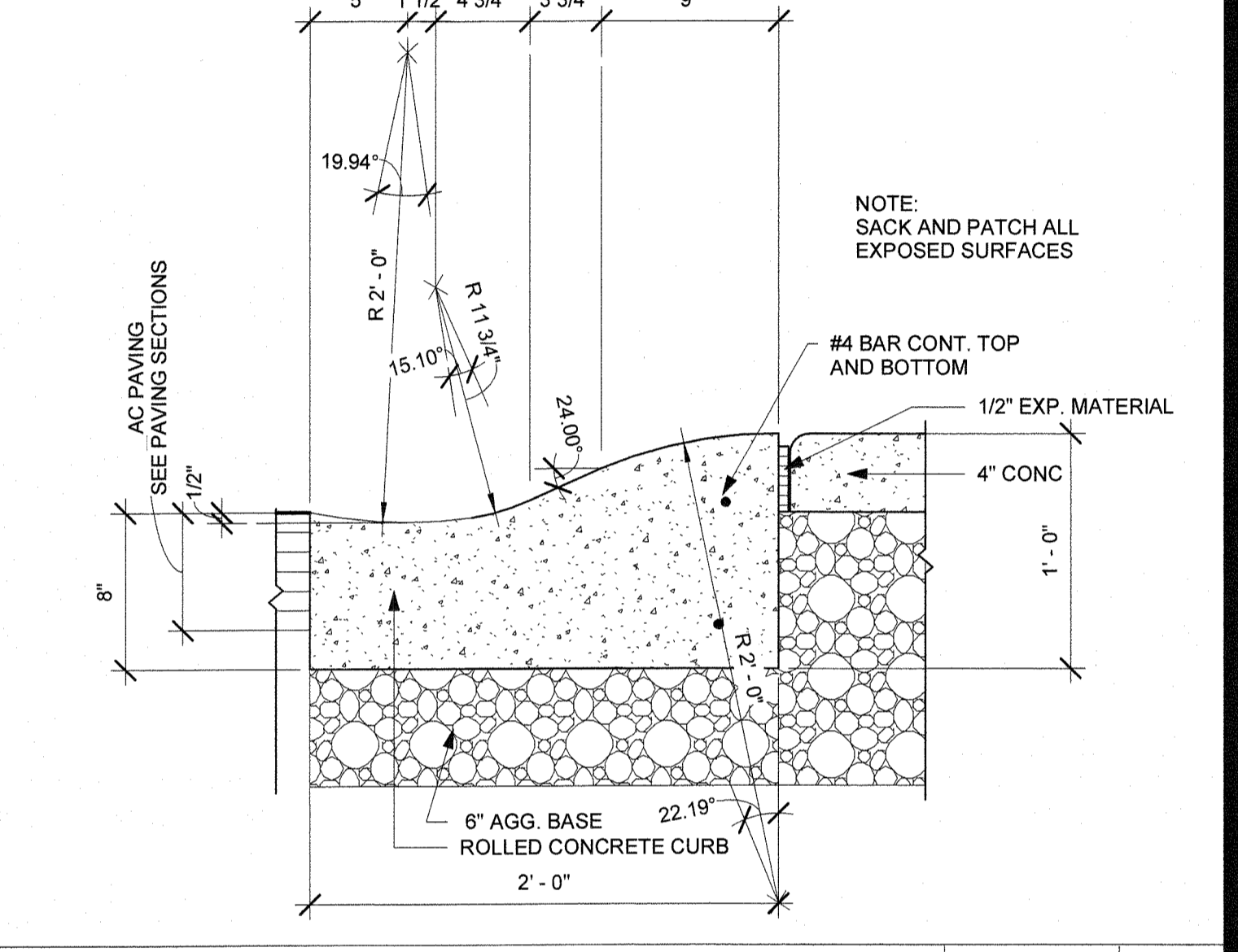
DG AT LANDSCAPE 1 1/2" = 1'-0" 5



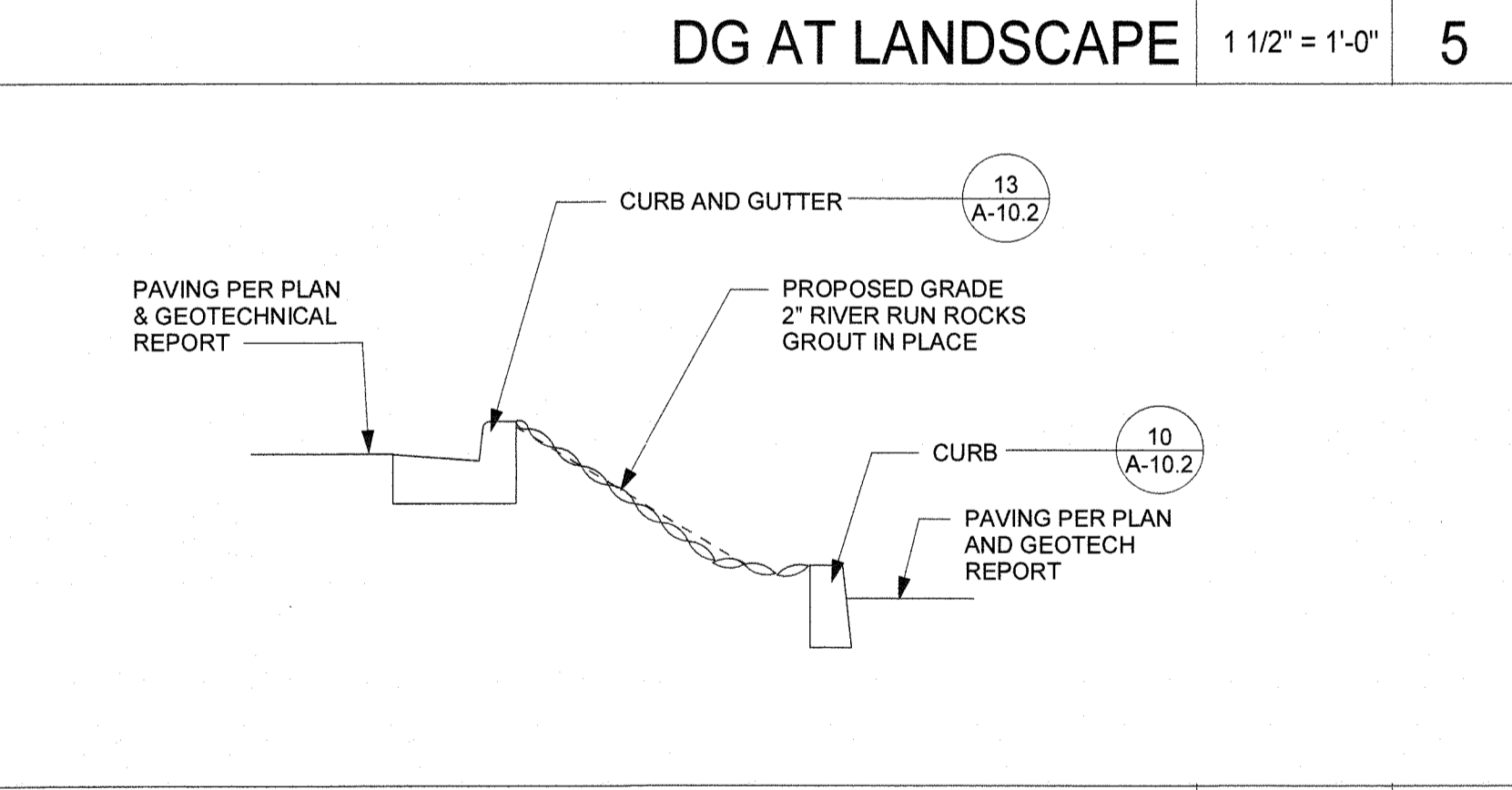
AC PAVING NEW TO EXIST 1 1/2" = 1'-0" 6



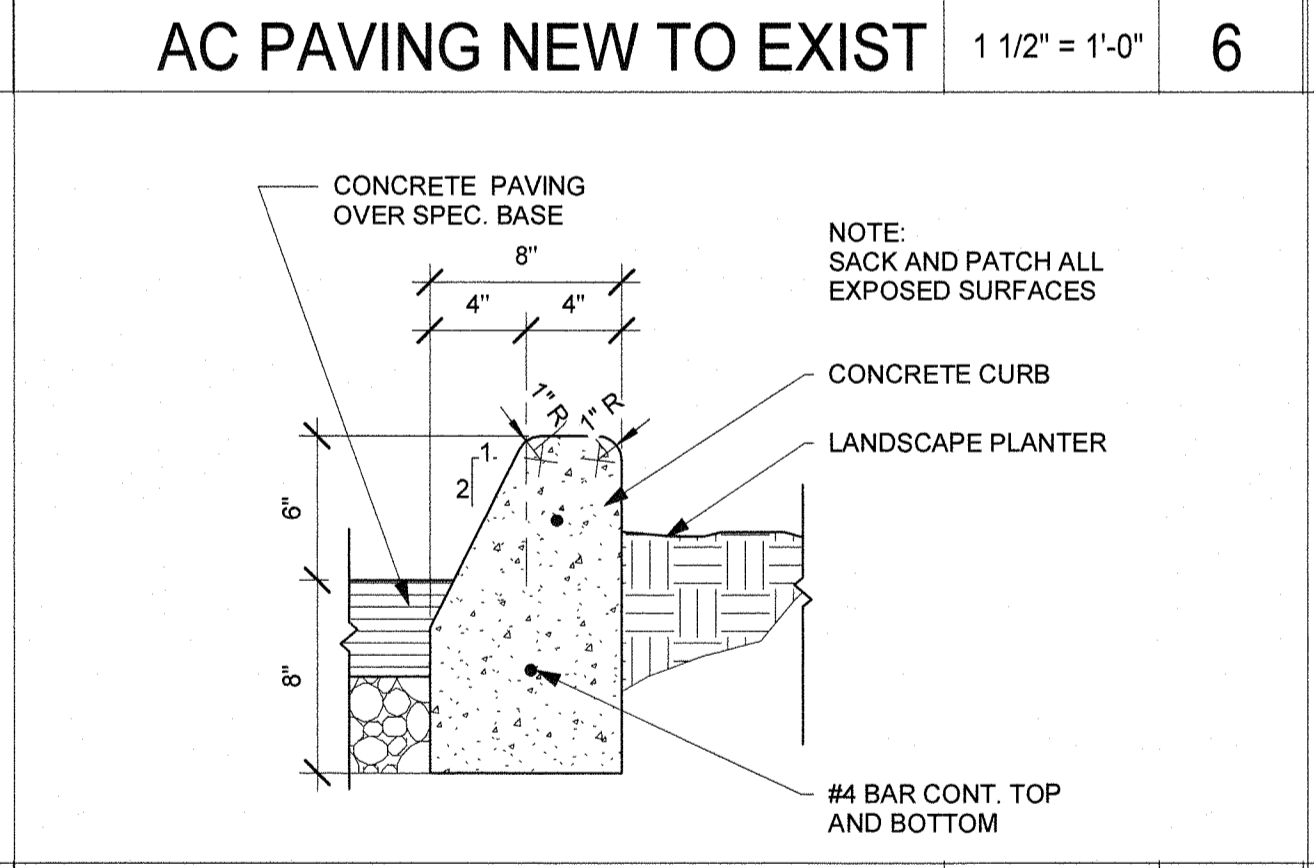
CONCRETE CURB 1 1/2" = 1'-0" 7



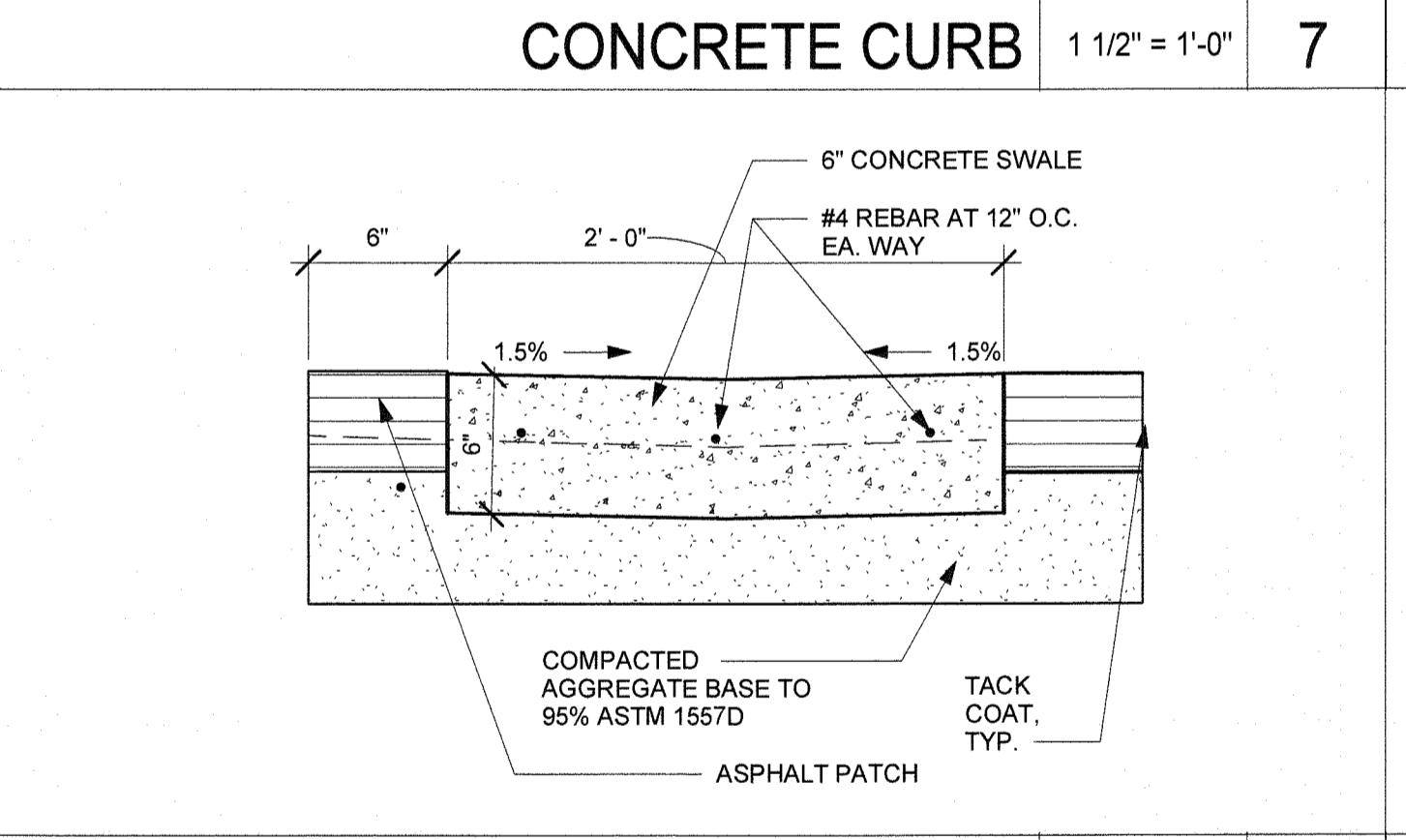
ROLLED CURB AT FIRE LANE 1 1/2" = 1'-0" 8



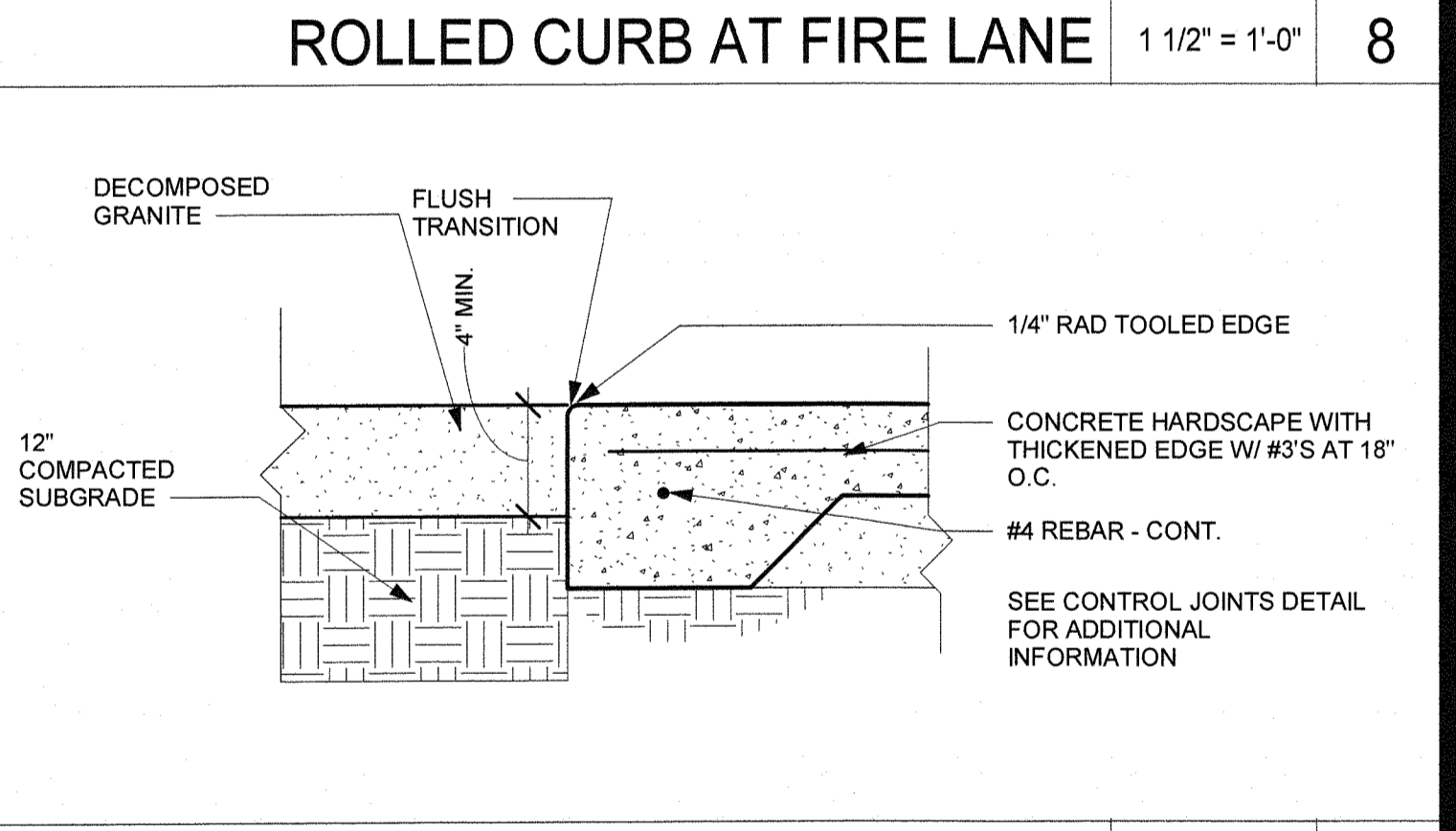
SECTION AT SLOPE 3/8" = 1'-0" 9



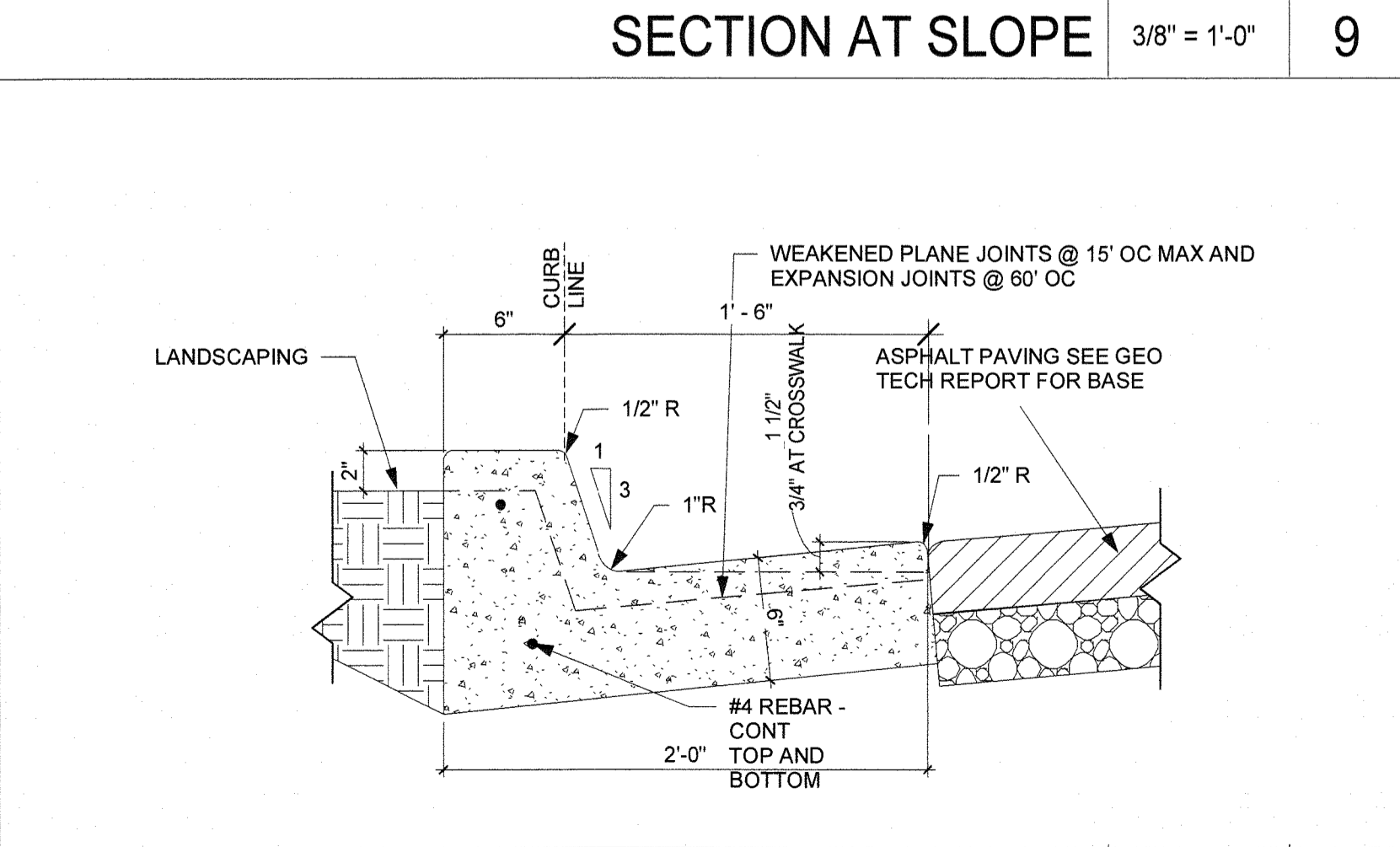
CONC CURB / LANDSCAPE 1 1/2" = 1'-0" 10



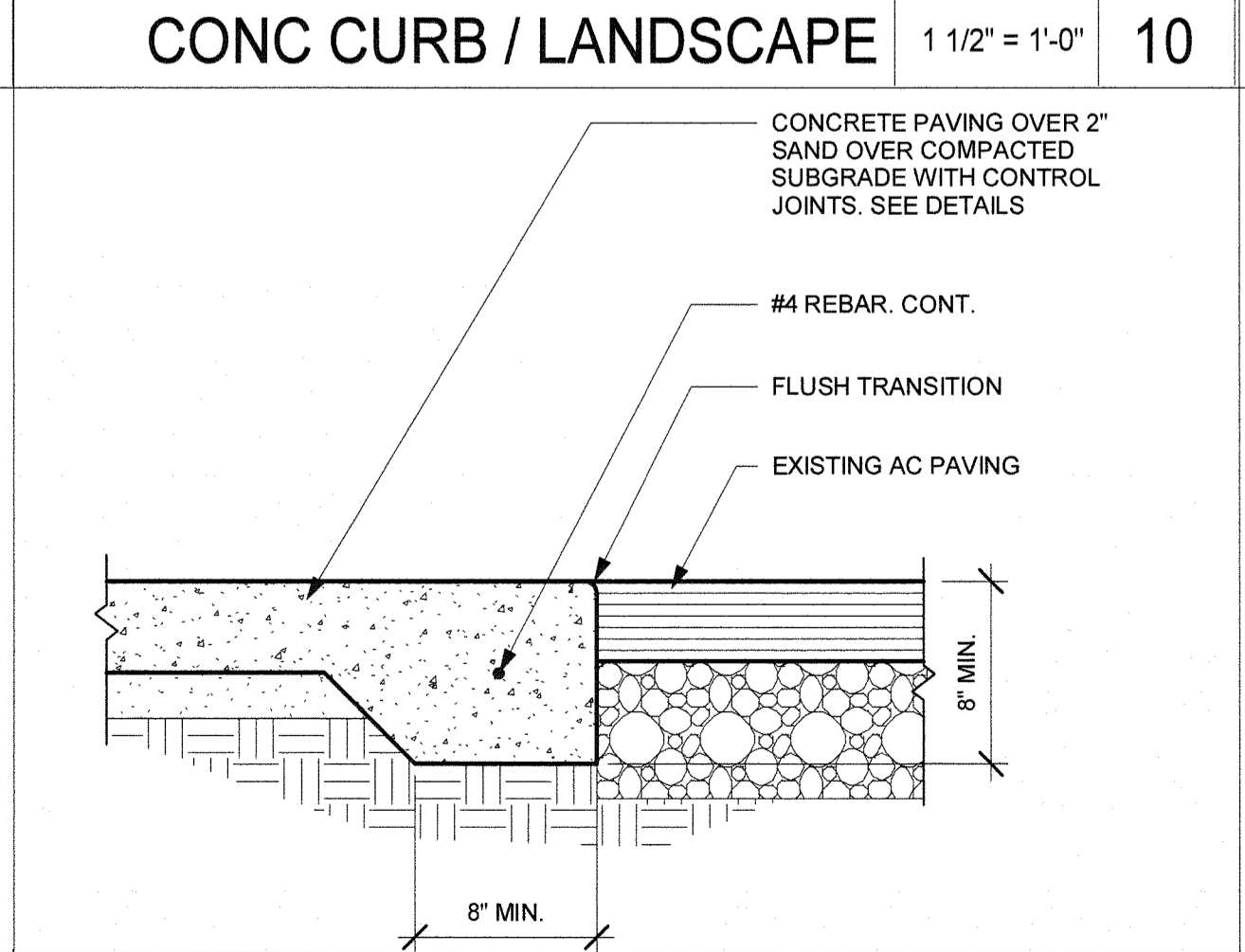
SITE - CONCRETE SWALE 2' 1 1/2" = 1'-0" 11



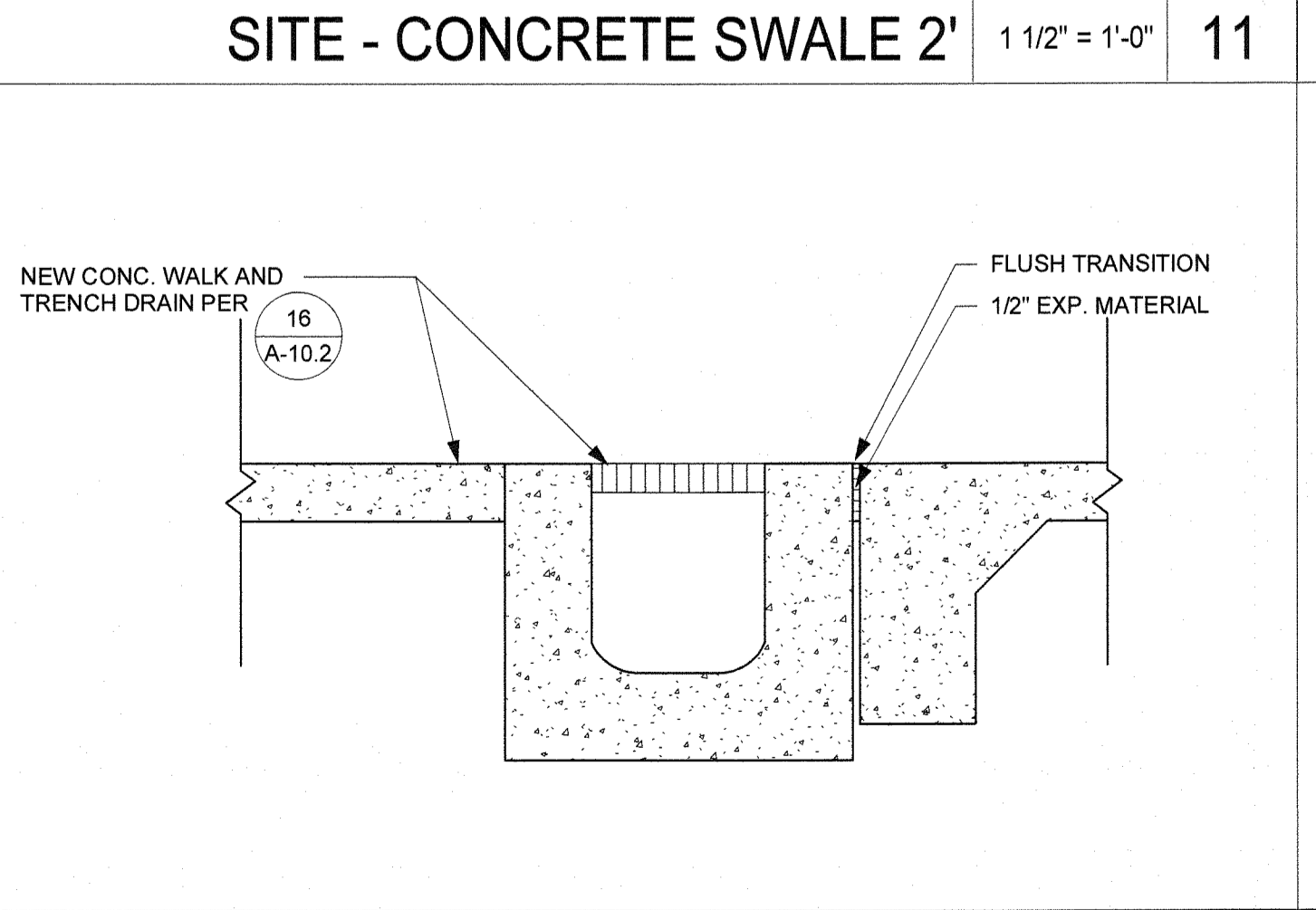
DG TO CONCRETE 1 1/2" = 1'-0" 12



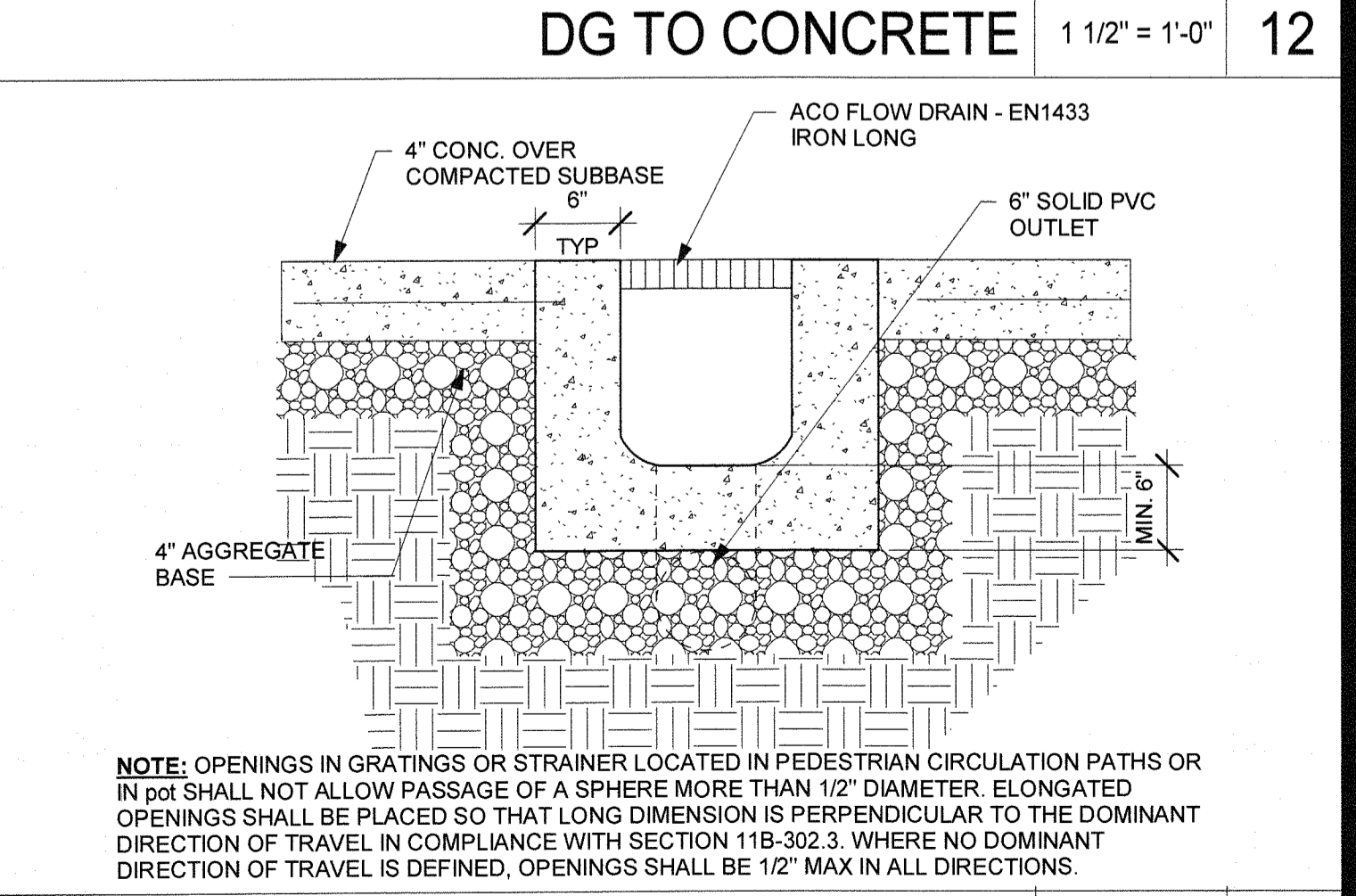
CURB AND GUTTER 1 1/2" = 1'-0" 13



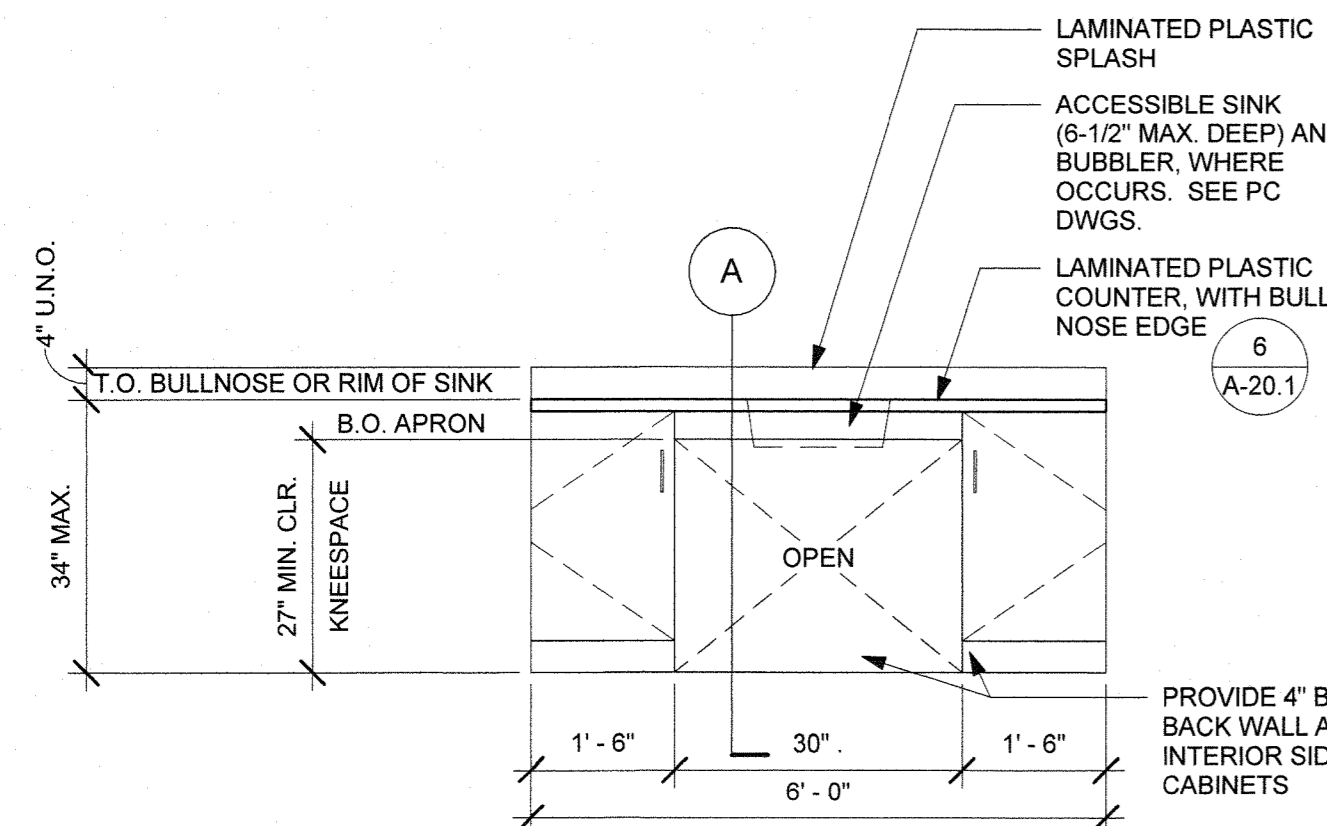
PAVING TRANSITION 1 1 1/2" = 1'-0" 14



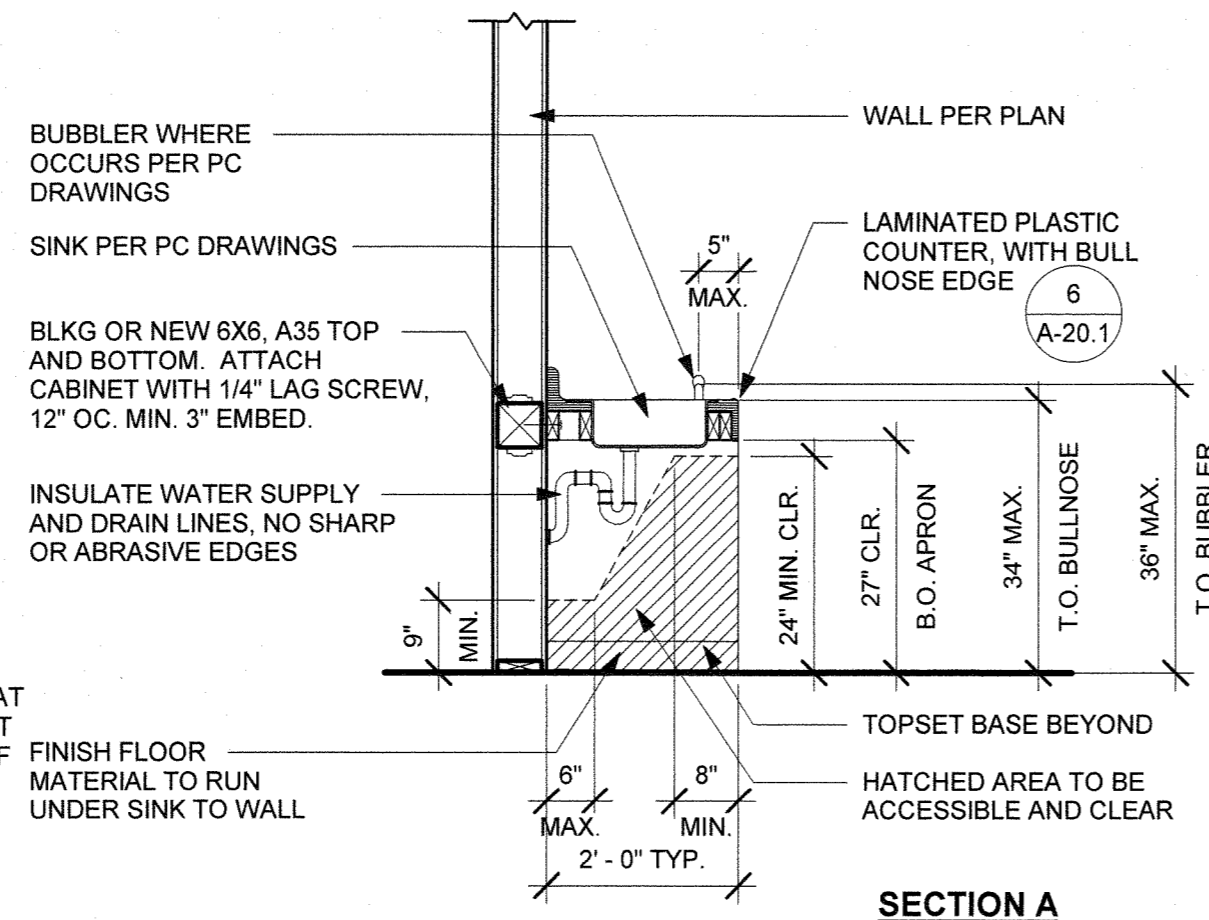
CONC WALK AT (E) RAISED CONC 1" = 1'-0" 15



TRENCH DRAIN 1" = 1'-0" 16

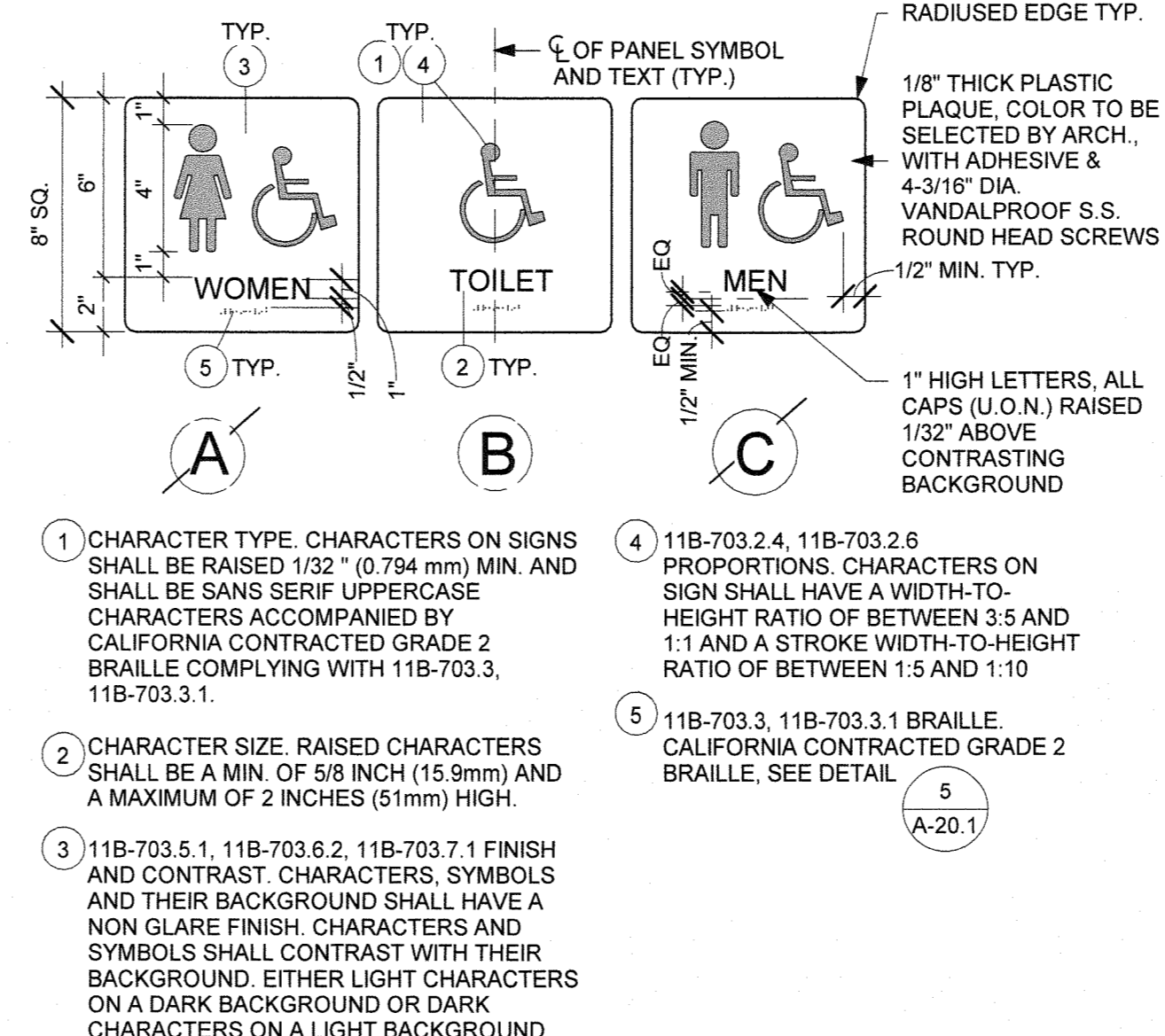


NOTE:
 -INSULATE WATER SUPPLY AND DRAIN PIPES, NO SHARP OR ABRASIVE EDGES.
 -IF METAL SINK & HOT WATER IS PROVIDED INSULATE UNDERSIDE OF SINK.
 -ALL CASEWORK WILL BE AT ADULT HEIGHT.



SECTION A

ACCESSIBLE SINK AT CASEWORK 1/2" = 1'-0" 1



1 CHARACTER TYPE: CHARACTERS ON SIGNS SHALL BE RAISED 1/32" (0.794 mm) MIN. AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY CALIFORNIA CONTRACTED GRADE 2 BRAILLE COMPLYING WITH 11B-703.3.1.

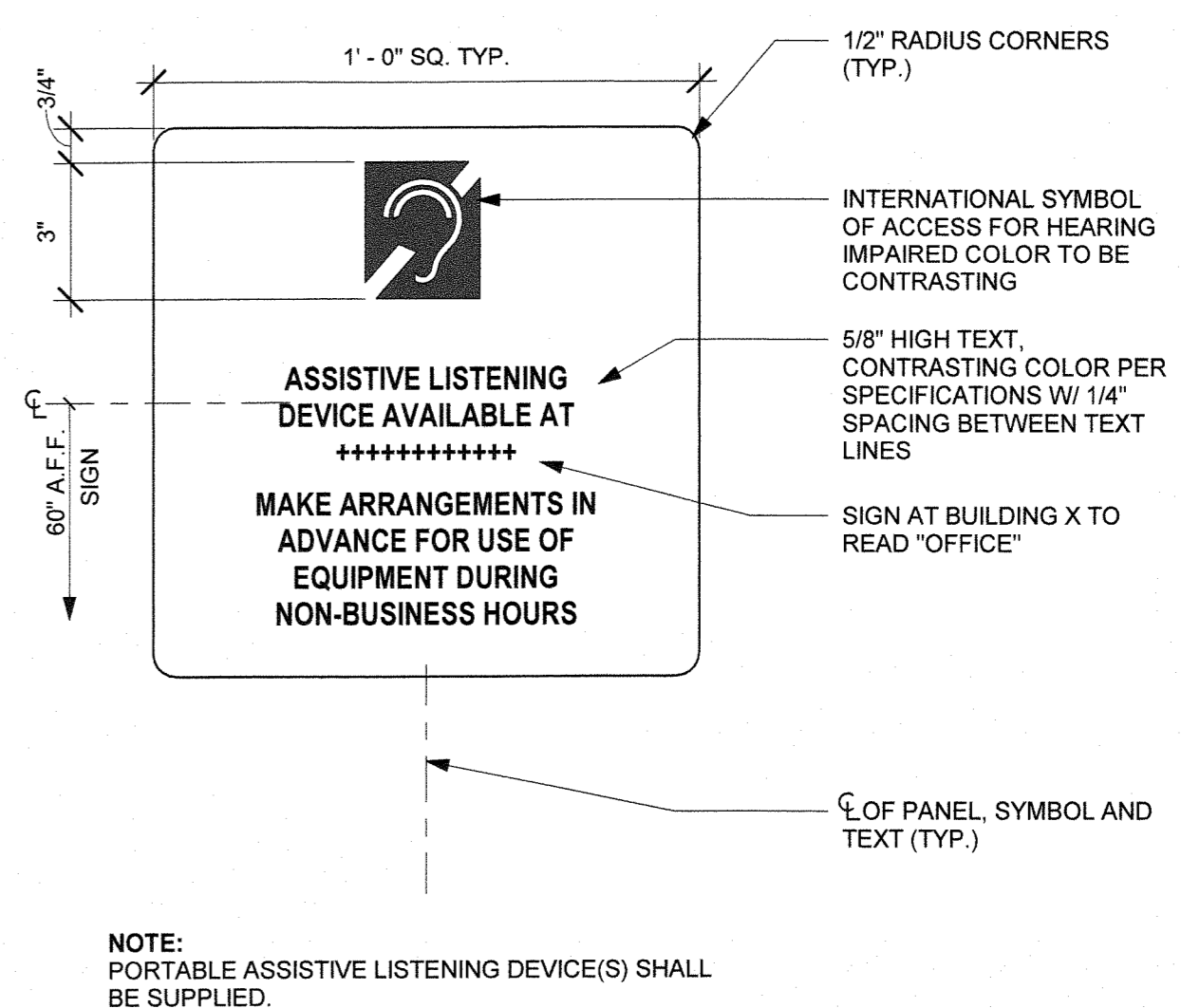
2 CHARACTER SIZE: RAISED CHARACTERS SHALL BE A MIN. OF 5/8 INCH (15.9mm) AND A MAXIMUM OF 2 INCHES (51mm) HIGH.

3 11B-703.5.1, 11B-703.6.2, 11B-703.7.1 FINISH AND CONTRAST: CHARACTERS, SYMBOLS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND. EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.

4 11B-703.2.4, 11B-703.2.6 PROPORTIONS: CHARACTERS ON SIGN SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO OF BETWEEN 1:5 AND 1:10.

5 11B-703.3, 11B-703.3.1 BRAILLE: CALIFORNIA CONTRACTED GRADE 2 BRAILLE, SEE DETAIL.

ADULT RESTROOM SIGN AT WALL 1 1/2" = 1'-0" 3



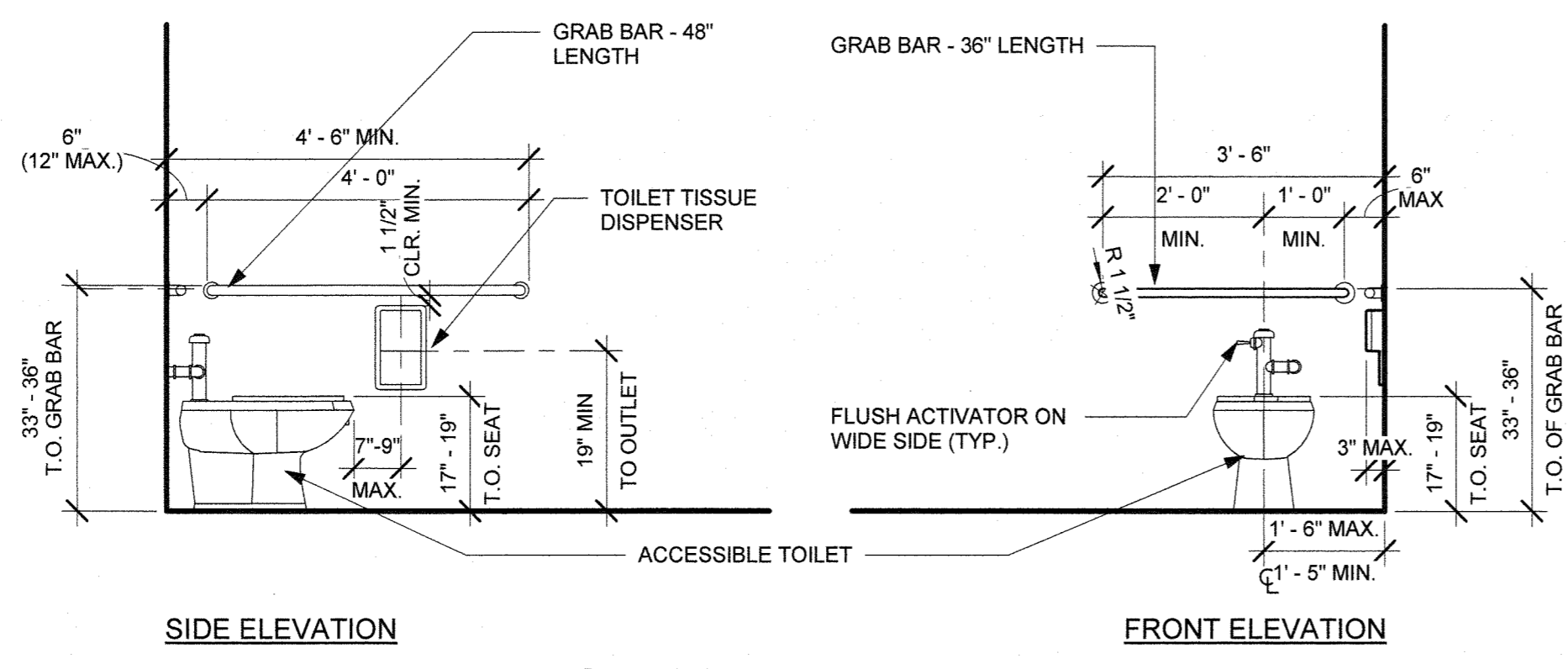
NOTE:
 PORTABLE ASSISTIVE LISTENING DEVICE(S) SHALL BE SUPPLIED.

ASSISTIVE LISTENING SIGN 3" = 1'-0" 4

TABLE 11B-604.9 SUGGESTED DIMENSIONS FOR CHILDREN'S USE

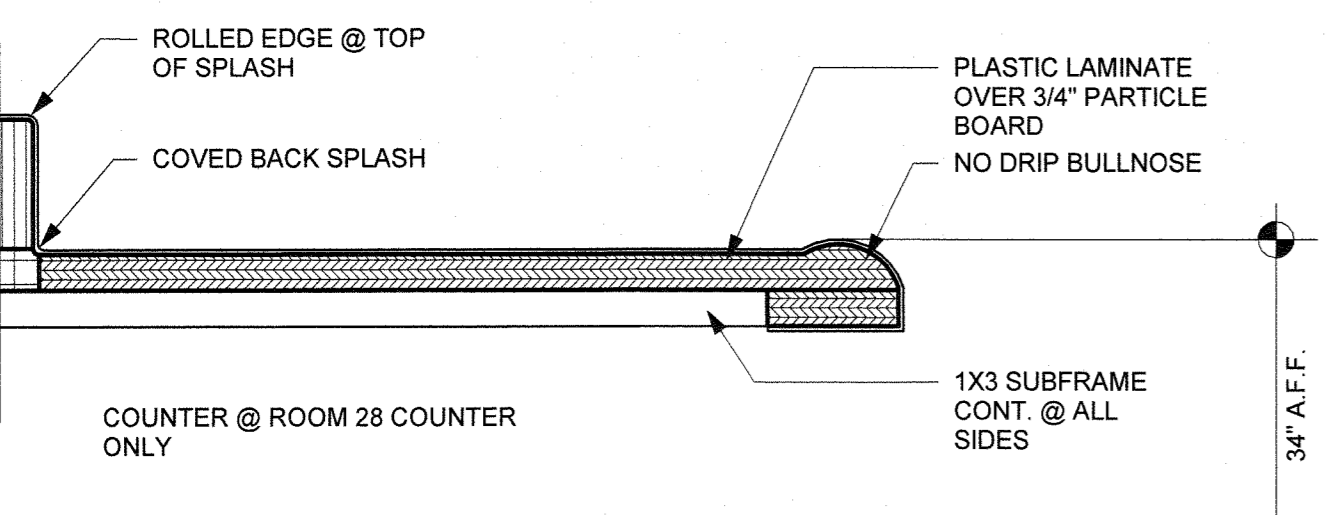
SUGGESTED DIMENSIONS FOR WATER CLOSETS SERVING CHILDREN AGES 3-12

	AGES 5 - 8	AGES 9 - 12
WATER CLOSET CENTERLINE	12-15 INCHES (305-381 MM)	15-18 INCHES (381-457 MM)
TOILET SEAT HEIGHT	12-15 INCHES (305-381 MM)	15-17 INCHES (381-432 MM)
GRAB BAR HEIGHT	20-25 INCHES (508-635 MM)	25-27 INCHES (635-686 MM)
DISPENSER HEIGHT	44-47 INCHES (356-432 MM)	47-49 INCHES (432-483 MM)

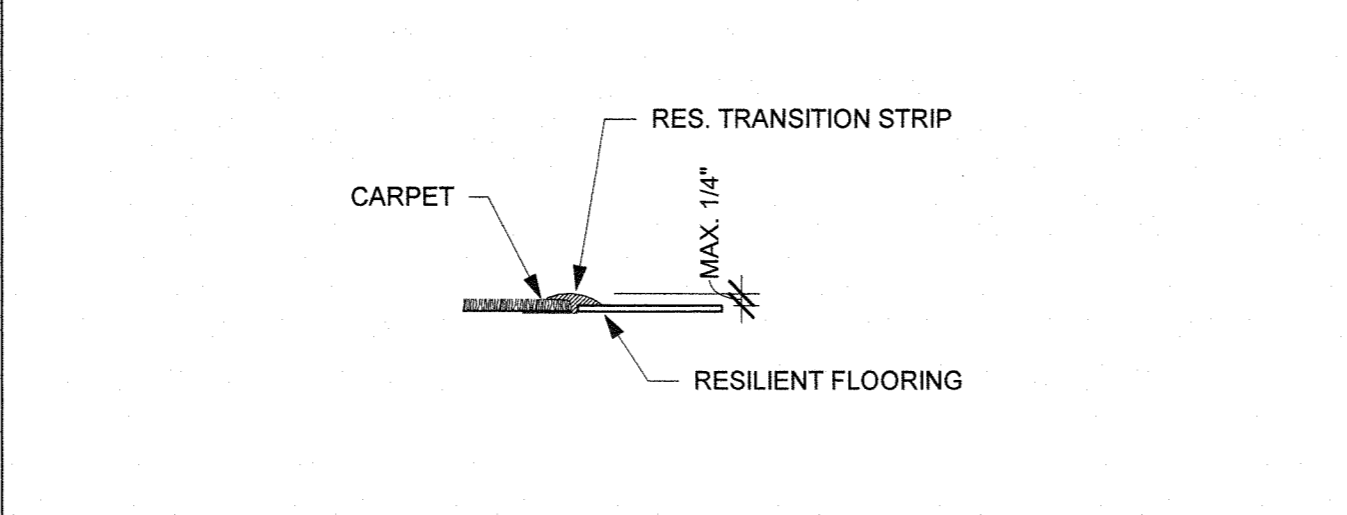


ACCESSIBLE TOILET

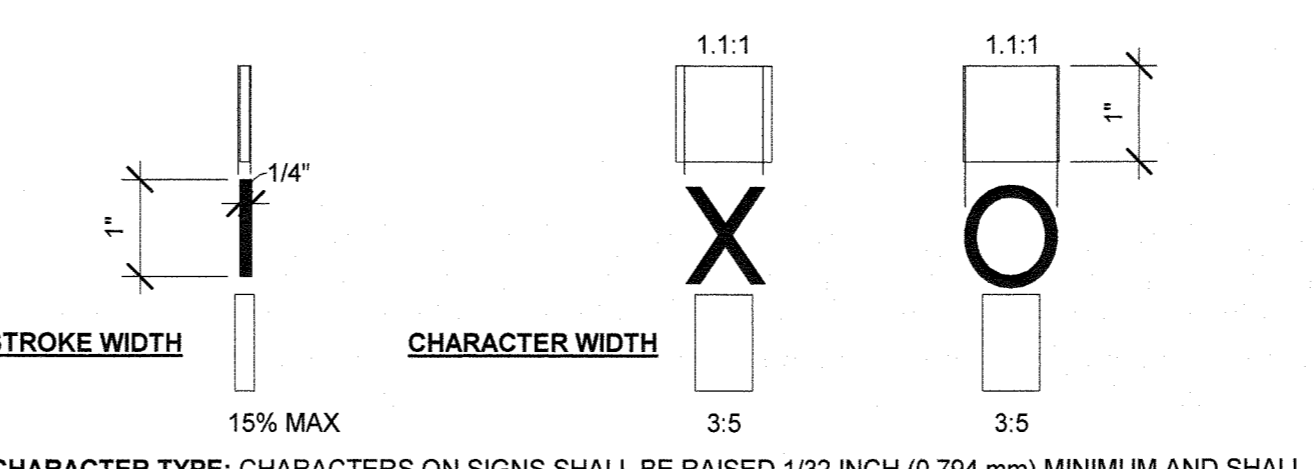
ACCESSIBLE TOILET ROOM FIXTURE MOUNTING HEIGHTS DETAIL 1/2" = 1'-0" 2



COUNTERTOP-FORMED EDGE 3" = 1'-0" 6



CARPET/VCT TRANSITION 3" = 1'-0" 13



1. CHARACTER TYPE: CHARACTERS ON SIGNS SHALL BE RAISED 1/32 INCH (0.794 mm) MINIMUM AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY CALIFORNIA CONTRACTED GRADE 2 BRAILLE COMPLYING WITH CBC 11B-703.2, 11B-703.6 (SEE NOTE 5 BELOW).

2. CHARACTER SIZE: RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8 INCH (15.9mm) AND A MAXIMUM OF 2 INCHES (51 mm) HIGH (11B-703.2, 11B-703.6).

3. FINISH AND CONTRAST: CHARACTERS, SYMBOLS AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND. EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND (CBC 11B-703.5.1, 11B-703.6.2, 11B-703.7.1).

4. PROPORTIONS: IT SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF THE UPPERCASE LETTER "O" IS 60% MINIMUM AND 110% MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "T". STROKE THICKNESS OF UPPERCASE LETTER "I" SHALL BE 15% MAXIMUM OF THE HEIGHT OF THE CHARACTER. (CBC SECTIONS 11B-703.2.4 & 11B-703.2.6)

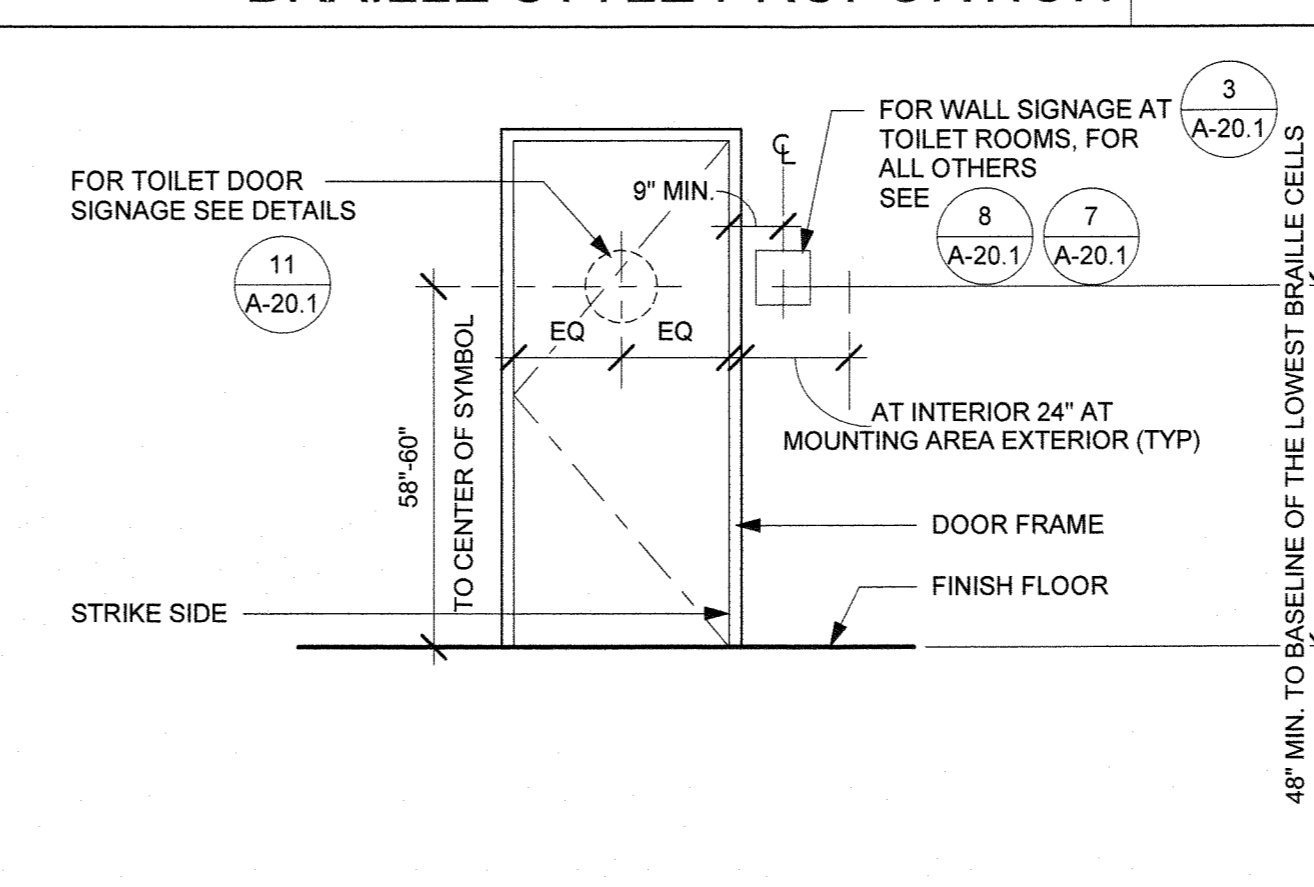
BRAILLE STYLE PROPORTION 6" = 1'-0" 5

TABLE 11B-703.3.1 BRAILLE DIMENSIONS

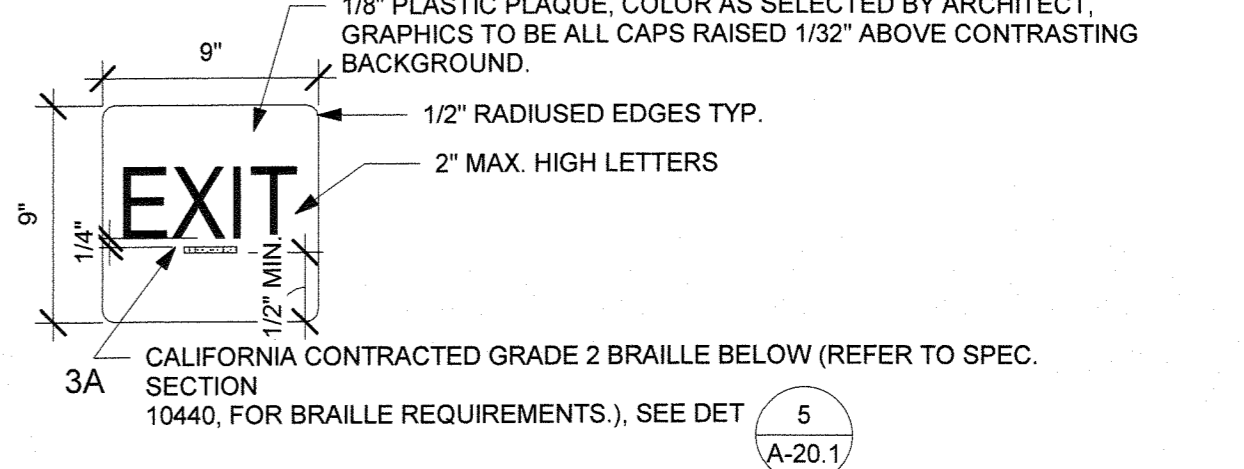
MEASUREMENT RANGE	MINIMUM IN INCHES MAXIMUM IN INCHES
DOT BASE DIAMETER	0.059 (1.5 MM) TO 0.063 (1.6 MM)
DISTANCE BETWEEN TWO DOTS IN THE SAME CELL*	0.100 (2.5 MM)
DISTANCE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS*	0.300 (7.6 MM)
DOT HEIGHT	0.025 (0.6 MM) TO 0.037 (0.9 MM)
DISTANCE BETWEEN CORRESPONDING DOTS FROM ONE CELL DIRECTLY BELOW*	0.395 (10 MM) TO 0.400 (10.2 MM)

* MEASURED CENTER TO CENTER

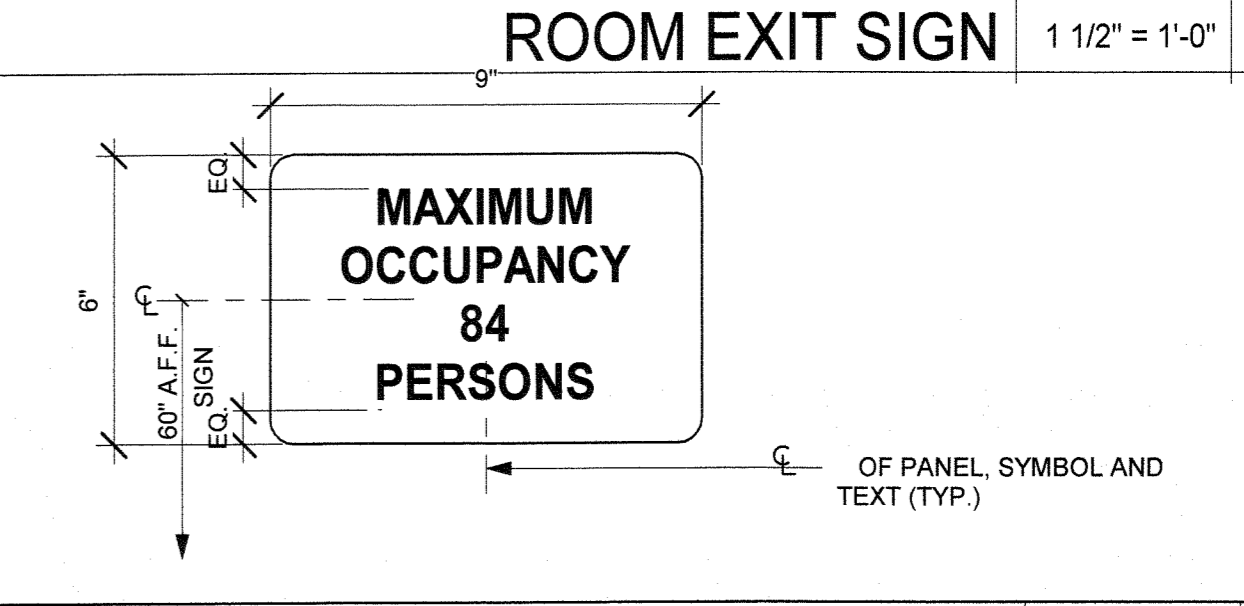
BRAILLE STYLE PROPORTION 6" = 1'-0" 5



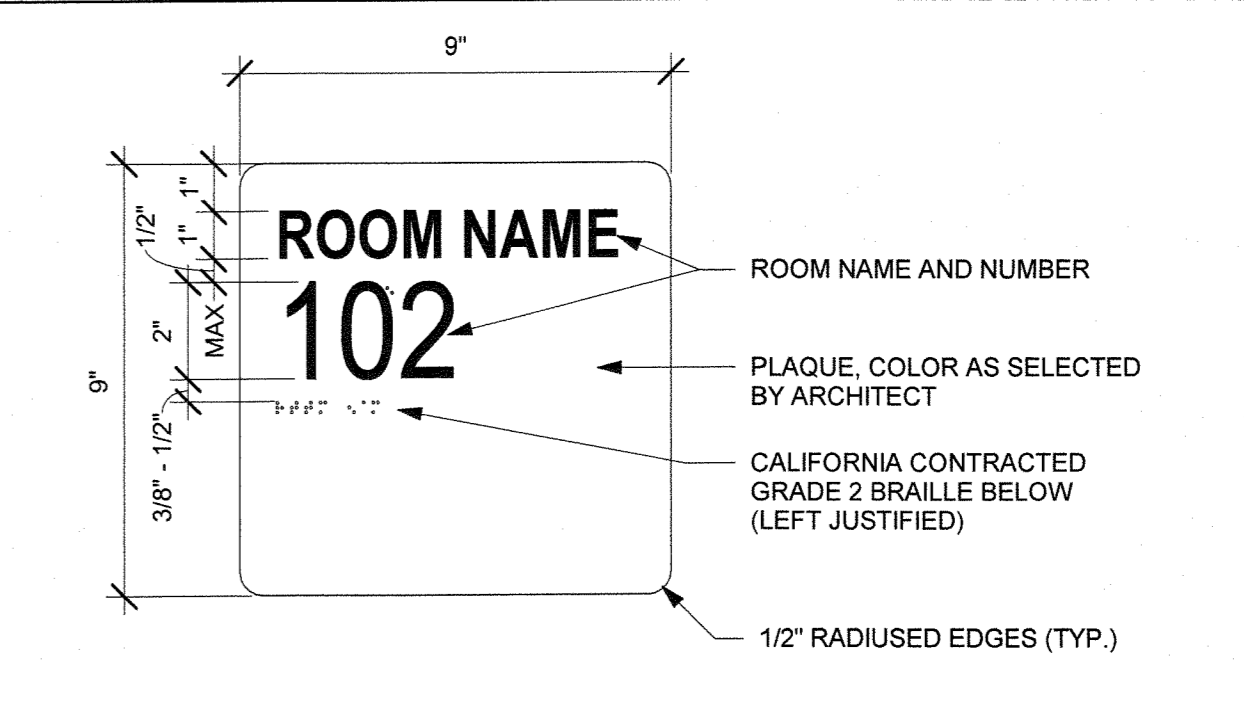
SIGNAGE LOCATION-WALL 3/8" = 1'-0" 10



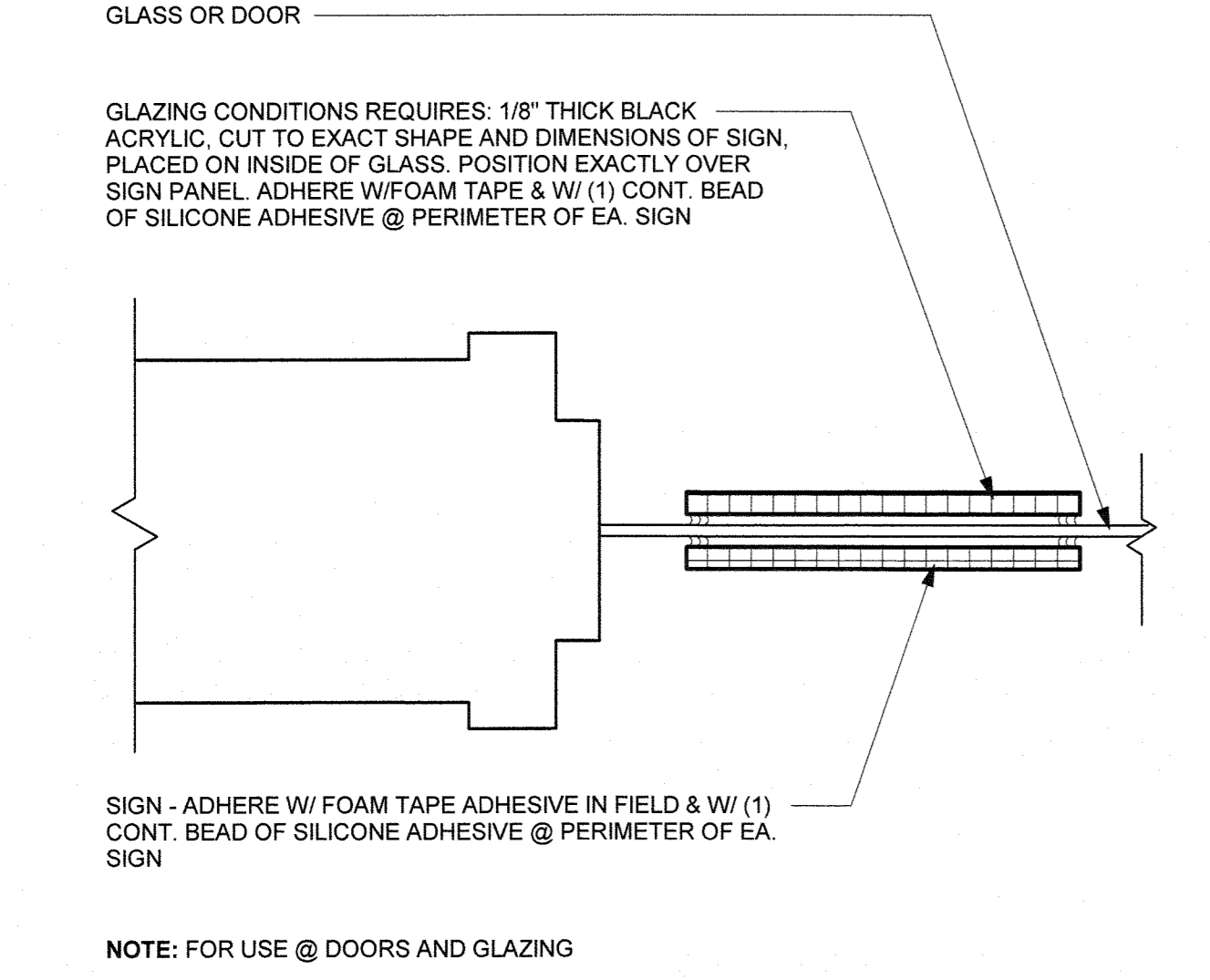
ROOM EXIT SIGN 1 1/2" = 1'-0" 7



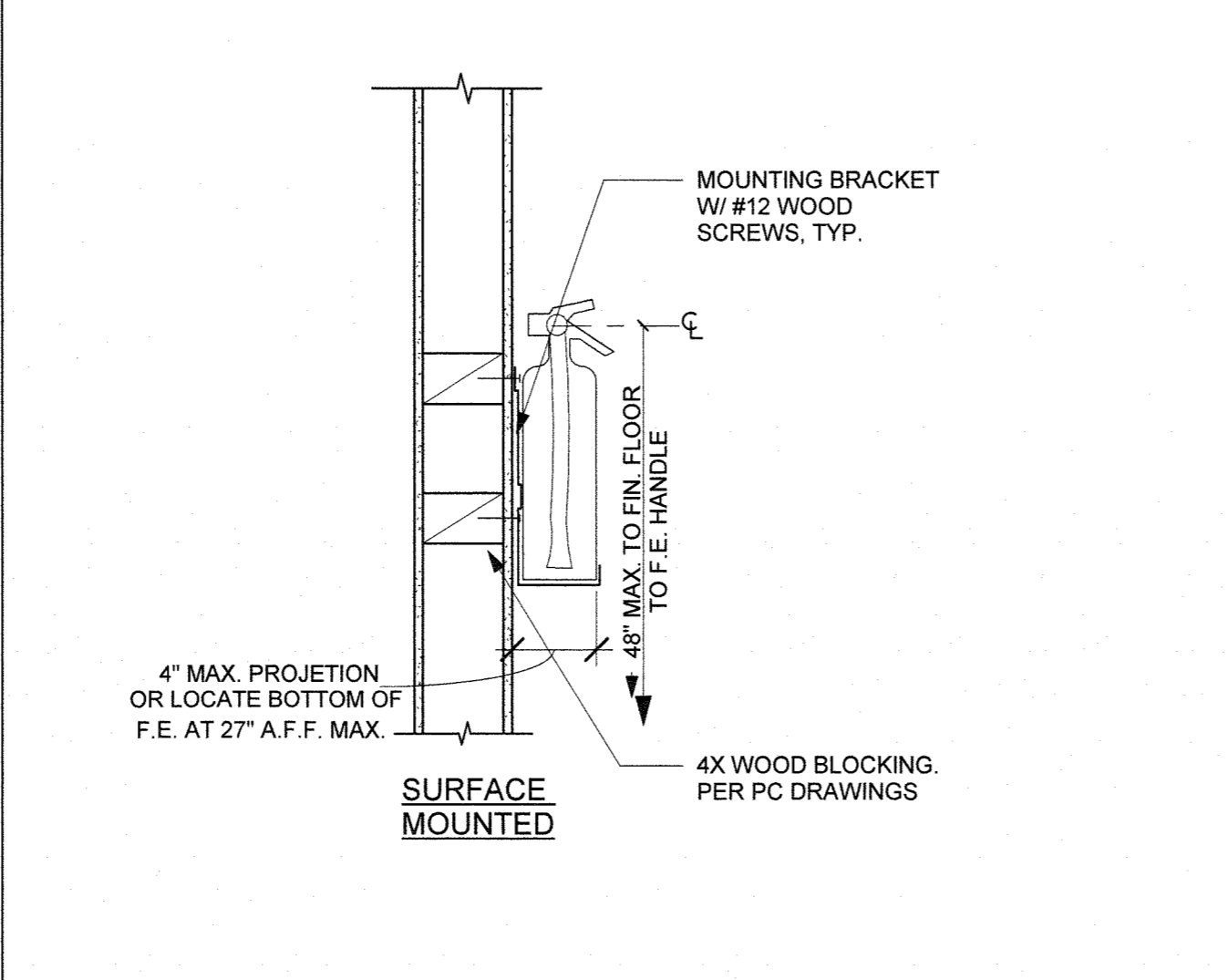
OCCUPANCY LOAD SIGN 3" = 1'-0" 14



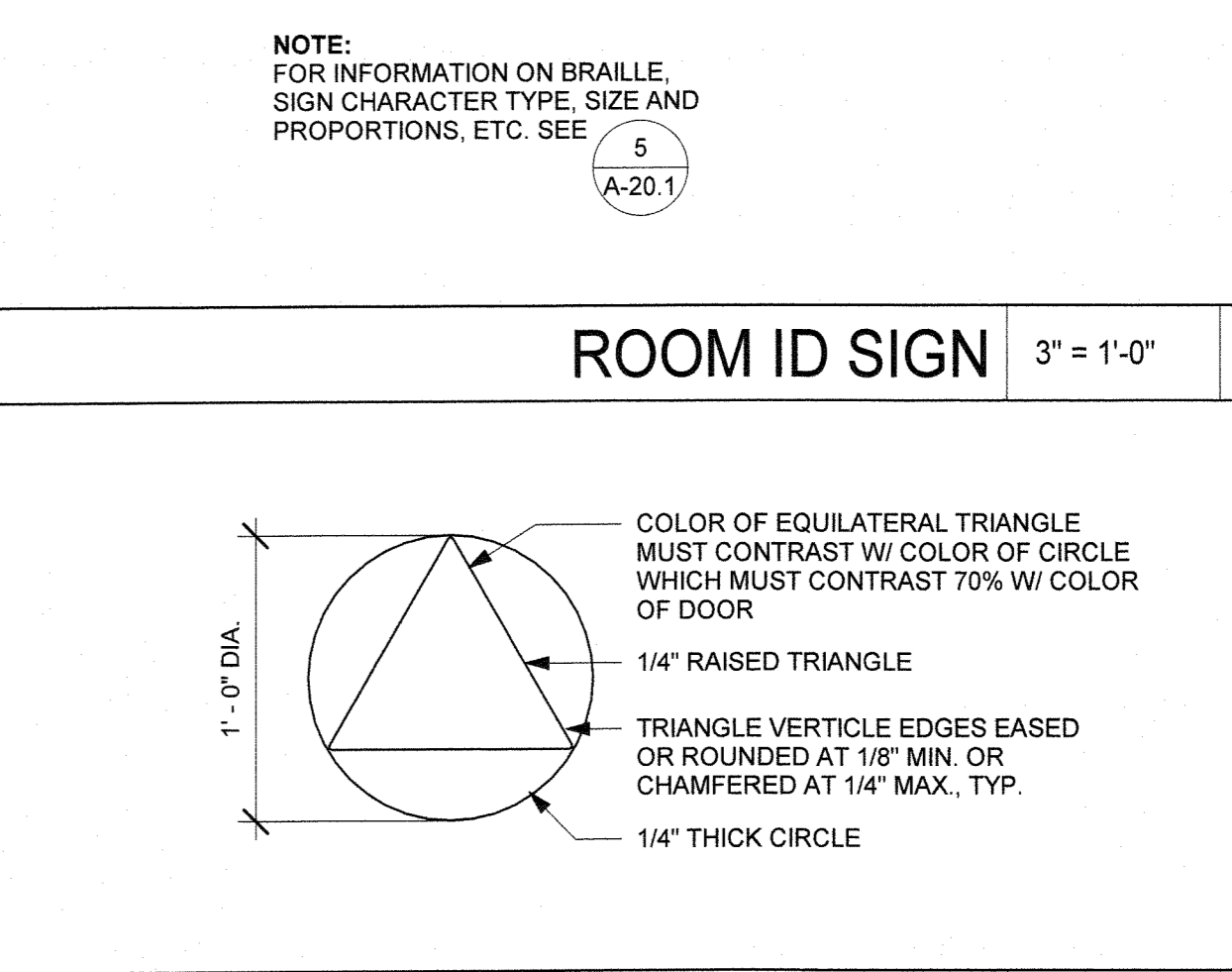
ROOM ID SIGN 3" = 1'-0" 8



SIGN ATTACHMENT 6" = 1'-0" 9



FIRE EXTINGUISHER 1" = 1'-0" 12

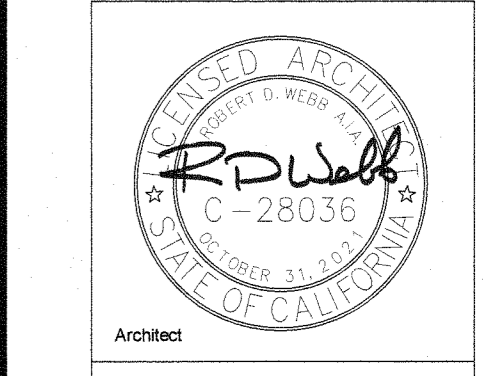


TOILET SIGNAGE - GENDER NEUTRAL 1 1/2" = 1'-0" 11

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04-119201
 DATE JUN 10 2011

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 SANTEE SCHOOL DISTRICT

TYPICAL FLOOR PLAN DETAILS

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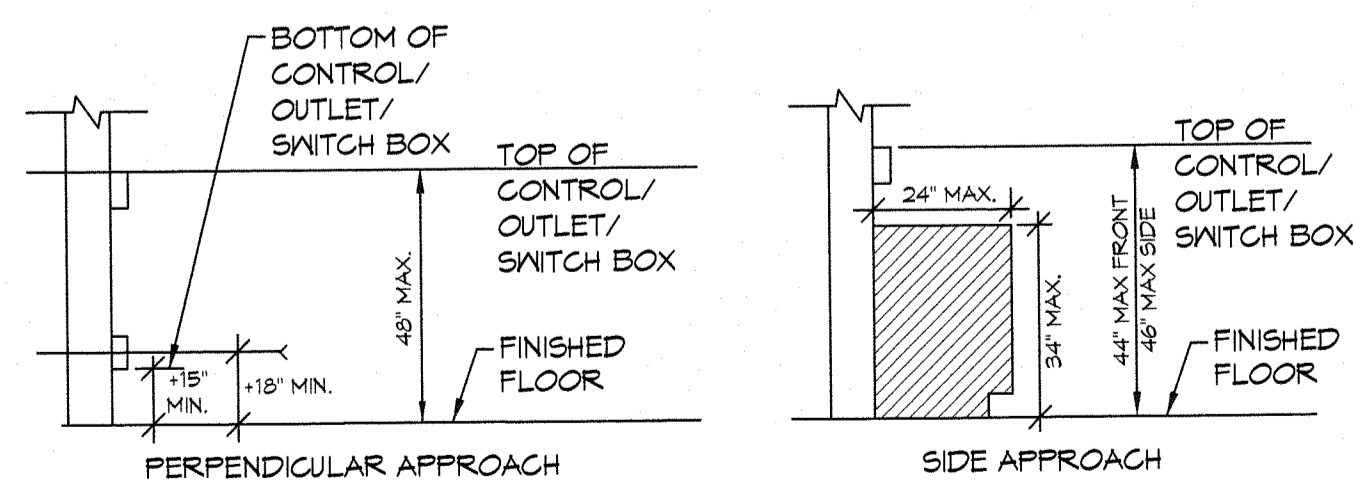
ABBREVIATIONS

A	AMPERE (AMPS)
AC	ALTERNATING CURRENT
AF	AMPS-FRAME (RATING)
AIC	AMP INTERRUPTING CURRENT
AM	AMMETER
AS	AMP SWITCH (FUSED SWITCH RATING)
AT	AMPS-TRIP (RATING)
AWG	AMERICAN WIRE GAUGE
BC	BARE COPPER
BLDG	BUILDING
C	CONDUIT
CB	CIRCUIT BREAKER
CO	CONDUIT ONLY
CT	CURRENT TRANSFORMER
CJ	COPPER
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
DPDT	DOUBLE POLE DOUBLE THROW
DPST	DOUBLE POLE SINGLE THROW
DWG	DRAWING
EX	EXISTING
FLA	FULL LOAD AMPS
FVR	FULL VOLTAGE REVERSING
FVNR	FULL VOLTAGE NON-REVERSING
GFI	GROUND FAULT INTERRUPTER
GRD/GND	GROUND
HD	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HZ	HERTZ
KVA	KILOWATT
LCL	LONG CONTINUOUS LOAD
LRA	LOCKED ROTOR AMPS
LTC	LIGHTING
MCC	MOTOR CONTROL CENTER
MCM (KCM)	THOUSAND CIRCULAR MILS
MECH	MECHANICAL
NC	NORMALLY CLOSED
NF	NON-FUSED
NO	NORMALLY OPEN/NUMBER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED OWNER INSTALLED
P	POLE
PH	PHASE
POC	POINT OF CONNECTION
FRS	PVC COATED RIGID STEEL (CONDUIT)
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE DUCT
SWBD	SWITCHBOARD
TYF	TYPICAL
UG	UNDERGROUND
UN	UNLESS OTHERWISE NOTED
V	VOLT
VA	VOLTAMPERES
VM	VOLTMETER
VL	VERIFY LOCATION
W	WIRE/MATTS
WP	WEATHERPROOF (NEMA TYPE 3R)
WT	WATERTIGHT
XP	EXPLOSION PROOF (RATED FOR AREA HAZARD)

ELECTRICAL SYMBOL LEGEND

POWER CONTINUED

	DUPLEX RECEPTACLE, FLOOR MOUNTED
	DUPLEX RECEPTACLE, WALL MOUNTED, 18" A.F.F. (U.O.N.)
	RECEPTACLE, WALL MOUNTED HORIZONTALLY, 18" A.F.F. (U.O.N.)
	FOURPLEX RECEPTACLE, WALL MOUNTED, 18" A.F.F. (U.O.N.)
	RECEPTACLE MOUNTED 46" ABOVE COUNTER BACKSPLASH SEE ARCHITECTURAL PLANS FOR REQUIRED MOUNTING HEIGHT PRIOR TO ROUGH-IN.
	PROVIDE (2) DUPLEX RECEPTACLE CEILING MOUNTED LOCATE ADJACENT TO PROJECTOR. FIELD VERIFY EXACT LOCATION PRIOR TO ROUGH-IN.
	SINGLE RECEPTACLE, WALL MOUNTED 18" A.F.F. (U.O.N.)
	SINGLE RECEPTACLE (CLOCK HANGER TYPE) WALL MOUNTED 7-0" A.F.F. (U.O.N.)
	SWITCH CONTROLLED DUPLEX RECEPTACLE 18" U.O.N.
	DUPLEX GROUND FAULT INTERRUPTING RECEPTACLE 18" A.F.F. (U.O.N.)
	DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT 18" A.F.F. (U.O.N.)
	DUPLEX RECEPTACLE IN WEATHERPROOF ENCLOSURE 18" A.F.F. (U.O.N.)
	DUPLEX RECEPTACLE IN WEATHERPROOF "LOCKING" ENCLOSURE 18" A.F.F. (U.O.N.) (SEE TYPICAL DETAILS E3 SERIES SHEETS AND SPECIFICATIONS FOR REQUIRED TYPE).
	DUPLEX RECEPTACLE (ORANGE) ISOLATED GROUND WALL MOUNTED 18" A.F.F. (U.O.N.)
	FOURPLEX RECEPTACLE (ORANGE) ISOLATED GROUND WALL MOUNTED 18" A.F.F. (U.O.N.)
	DUPLEX RECEPTACLE SAFETY TYPE / TAMPER PROOF WALL MOUNTED 18" A.F.F. (U.O.N.)
	DUPLEX COMPUTER RECEPTACLE (GREY), WALL MOUNTED 18" A.F.F. (U.O.N.)
	DUPLEX COMPUTER RECEPTACLE (BLUE) ISOLATED GROUND, SURGE SUPPRESSION, WALL MOUNTED 18" A.F.F. (U.O.N.)
	SINGLE RECEPTACLE 30 AMP, 250V, 4W GROUNDING, WALL MOUNTED 18" A.F.F. (U.O.N.). FIELD VERIFY EXACT OUTLET CONFIGURATION WITH EQUIPMENT PRIOR TO ROUGH-IN.
	FUSED DISCONNECT SWITCH, WHERE SHOWN NF = NON-FUSED.
	MANUAL MOTOR STARTER 48" A.F.F. OR ON EQUIPMENT (U.O.N.)
	MOTOR CONNECTION, NUMERAL INDICATES HORSEPOWER.
	MECHANICAL EQUIPMENT TAG (SEE MECHANICAL DRAWINGS FOR DESCRIPTION)
	CONDUIT AND WIRE, CONCEALED IN CEILING OR WALL
	CONDUIT AND WIRE, CONCEALED IN OR UNDER FINISHED FLOOR OR UNDER FINISHED GRADE.
	FLEXIBLE CONDUIT CONNECTION
	BRANCH CIRCUIT HOMERUN TO PANEL, SLASHES INDICATE NUMBER OF CONDUCTORS. EQUIPMENT GROUND WIRE NOT INDICATED U.O.N. #12 CONDUCTORS ARE MINIMUM, NO HASH MARKS = MIN (2) #12
	3/4" CONDUIT STUBBED FROM DEVICE TO ABOVE ACCESSIBLE CEILING
	BRANCH CIRCUIT HOMERUN, NUMBER INDICATES INCREASED CONDUCTOR SIZE, CONDUCTORS SHALL REMAIN AS INDICATED FOR SIZE THROUGHOUT THE ENTIRE CIRCUIT.
	PANELBOARD, SURFACE MOUNTED.
	PANELBOARD, RECESSED
	STEP-DOWN TRANSFORMER
	DISTRIBUTION SWITCHBOARD



NOTE: MAINTAIN MINIMUM 30"X48" CLEAR FLOOR SPACE AT EACH APPROACH.

MOUNTING HEIGHT OVER OBSTRUCTION

NO SCALE

1
E1.0

GENERAL PROJECT NOTES:

- UNLESS WHERE OTHERWISE NOTED, ALL WORK INDICATED ON THESE DRAWINGS SHALL BE CONSIDERED NEW WORK.
- UNLESS WHERE OTHERWISE NOTED, ALL DIMENSIONS ARE TO BE CENTERLINE OF THE DEVICE.
- "GENERAL NOTES" SHOWN ON AN INDIVIDUAL DRAWING APPLY TO ALL WORK SHOWN ON THAT SHEET. "KEY NOTES" ONLY APPLY TO SPECIFIC ITEMS WHERE ANNOTATED AT SPECIFIC LOCATIONS. SOME KEY NOTES MAY NOT APPLY TO ANY SPECIFIC ITEMS.
- UNLESS SPECIFICALLY SHOWN ON THESE PLANS, NO STRUCTURAL MEMBER SHALL BE CUT, NEITHER DRILLED NOR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND THE DIVISION OF THE STATE ARCHITECT.

MEP COMPONENT ANCHORAGE NOTE:

ALL 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 T-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 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 DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE T-10 SECTION 13.3 AS DEFINED IN ASCE T-10 SECTION 13.6.5.6, 13.6.7, 13.6.8, AND 2016 CBC, SECTIONS 1616A.1.23, 1616A.1.24 AND 1616A.1.25 AND 1616A.1.26.

THE METHOD OF SHOWING BRACINGS AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACINGS AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G. SMACNA OR OSHPD OPM), 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.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEM (E):

- MP MD PP E - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.
- MP MD PP E - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVED (OPM#) #
- MP MD PP E - OPTION 3: SHALL COMPLY WITH THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION (2004), INCLUDING ANY ADDENDA, FASTENERS AND OTHER ATTACHMENTS NOT SPECIFICALLY IDENTIFIED IN THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION, ARE DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS. THE DETAILS SHALL ACCOUNT FOR THE APPLICABLE SEISMIC HAZARD LEVEL _____ AND CONNECTION LEVEL _____ FOR THE PROJECT AND CONDITIONS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
01 119201
DATE JUN 10 2020

Rev. #	Description	Date

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ARCHITECTURE + ENGINEERING
515 Escholtz Blvd. Ste. 201, Encinitas, California 92024
Telephone: (760)753-6800 Fax: (760)452-7541



CHET F. HARRITT SCHOOL
PROJECT SAFE ADDITION
SANTEE SCHOOL DISTRICT

ELECTRICAL
SYMBOLS AND
NOTES

Drawn:
Author
Checked:
Checker
Date:

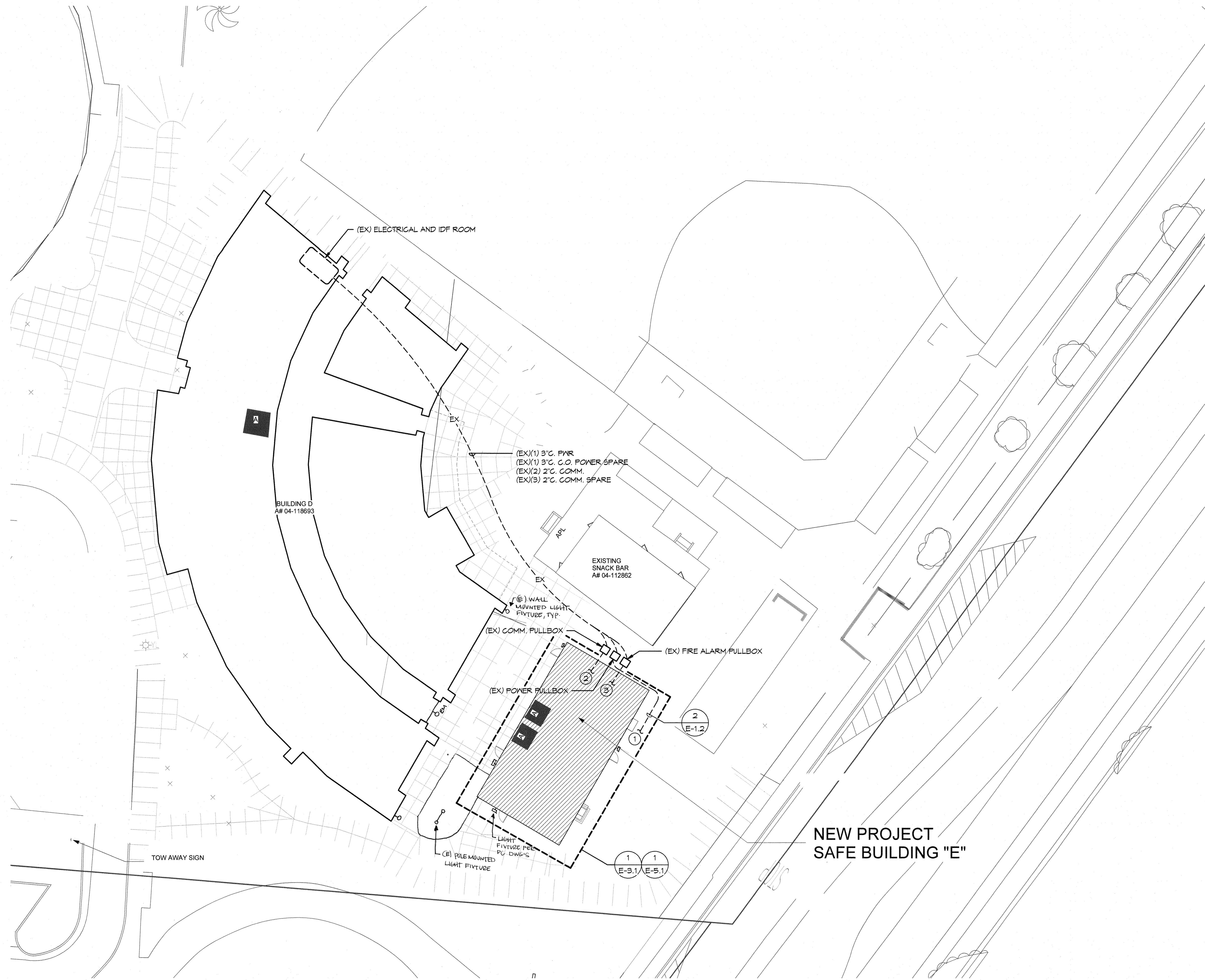
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E-1.0

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CONSULTING ENGINEERS, INC.
Power | Lighting | Multimedia
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P 858.679.4030 | F 858.513.0559
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Exp. 6-30-2021
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STATE OF CALIFORNIA

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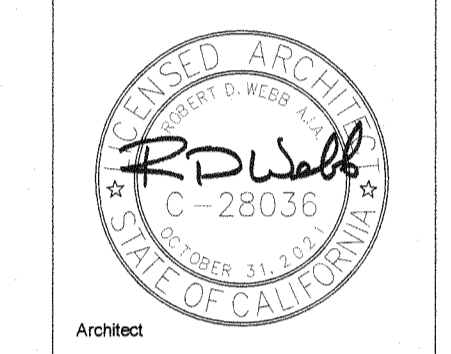
- GENERAL NOTES:**
1. REFERENCE E4 SERIES SHEETS FOR TYPICAL CONDUIT AND BACKBOX INSTALLATION DETAILS.
 2. REFERENCE E4 SERIES SHEETS FOR TYPICAL COMMUNICATION SYSTEMS RISER DIAGRAM.
 3. REFERENCE RISER DIAGRAMS FOR TYPICAL CONDUIT SIZES AND ROUTINGS.

- KEY NOTES:**
- ① CONNECT TO EXISTING UNDERGROUND FULLBOX AND ROUTE TO NEW RELO DISTRIBUTION PANEL.
 - ② CONNECT TO EXISTING UNDERGROUND FULLBOX AND ROUTE TO LOW VOLTAGE EXTERIOR JUNCTION BOX.
 - ③ CONNECT TO EXISTING UNDERGROUND FULLBOX AND ROUTE TO FIRE ALARM EXTERIOR JUNCTION BOX.

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 ARCHITECTURE + ENGINEERING
 515 Encinitas Blvd. Ste. 201, Encinitas, California 92024
 Telephone: (760)753-8800 Fax: (760)452-7541



CHET F. HARRITT SCHOOL
 PROJECT SAFE ADDITION
 SANTEE SCHOOL DISTRICT

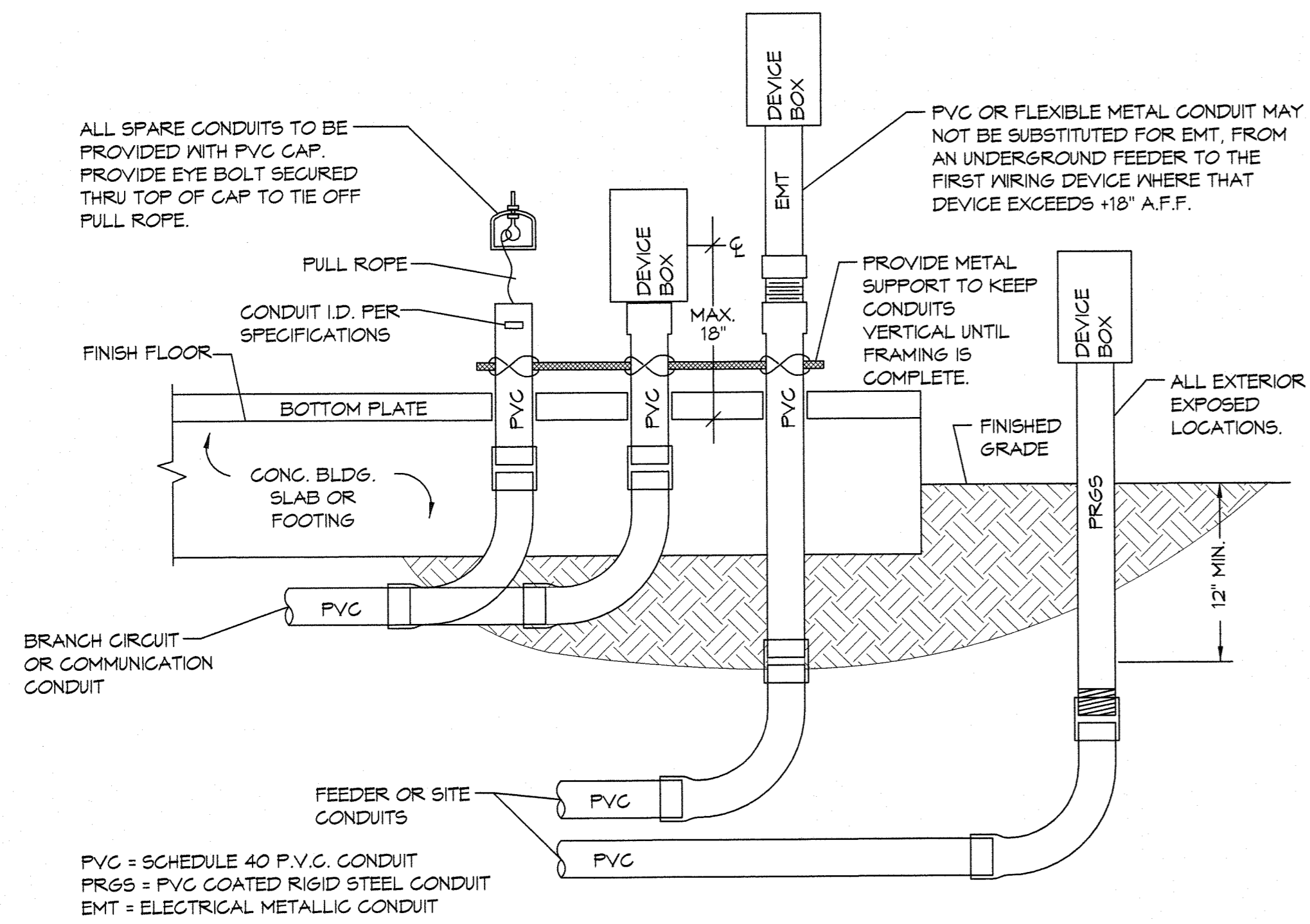
OVERALL SITE PLAN

Drawn:
 Author
 Checked:
 Checker
 Date:

Job:
 E-1.1

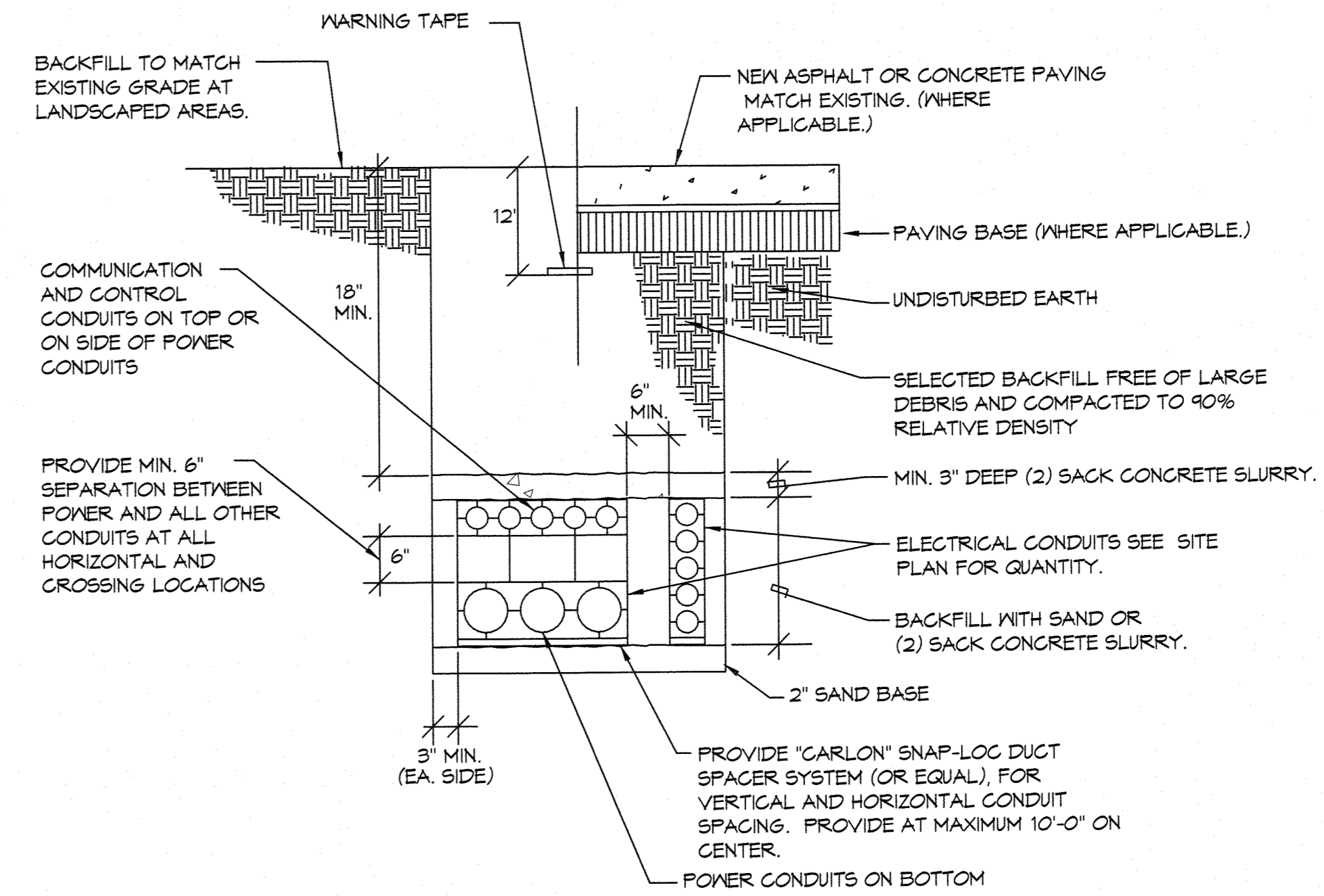


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 www.jce-inc.com



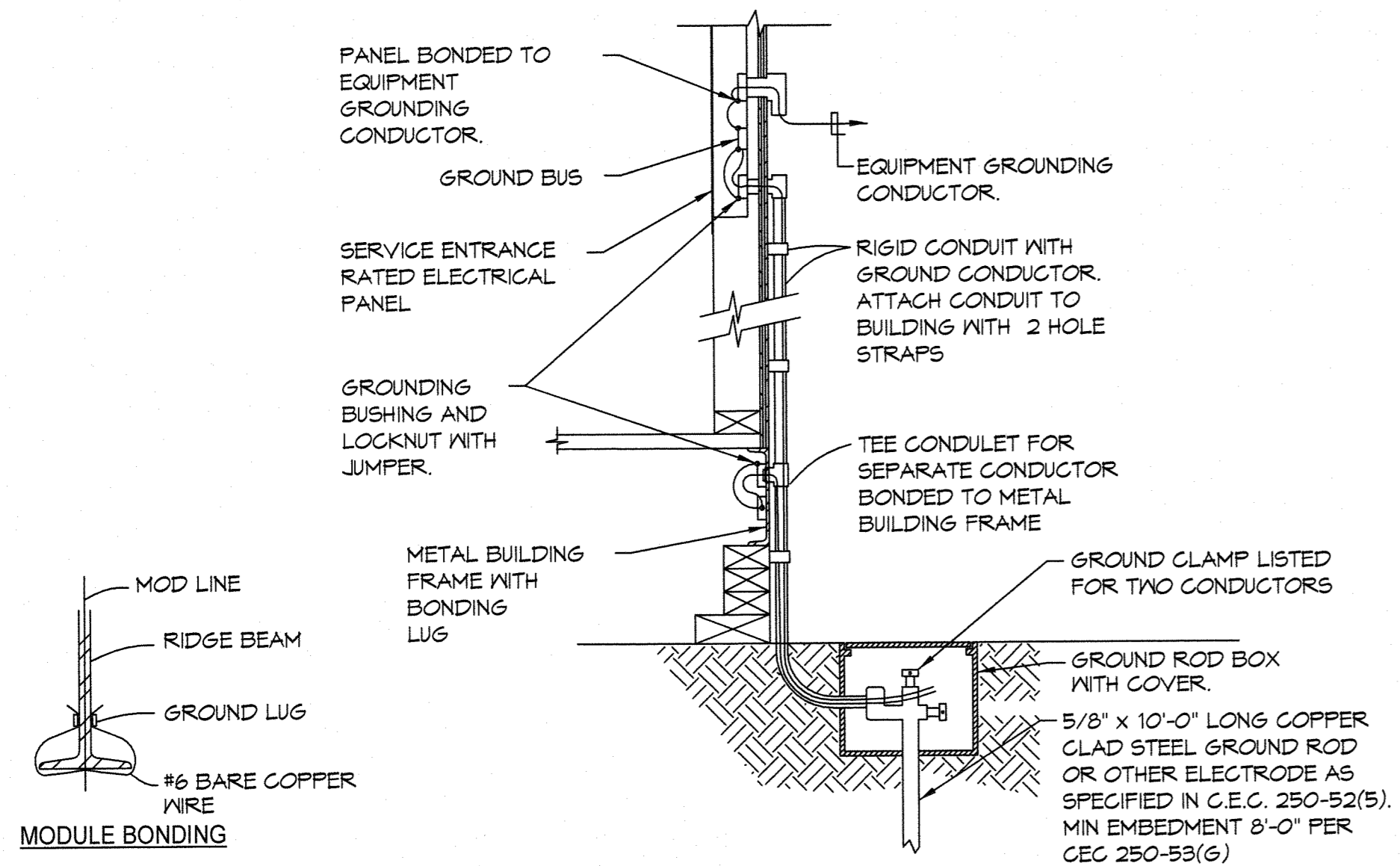
TYPICAL CONDUIT DETAIL
NO SCALE

1
E-1.2



TYPICAL TRENCH DETAIL
NO SCALE

2
E-1.2

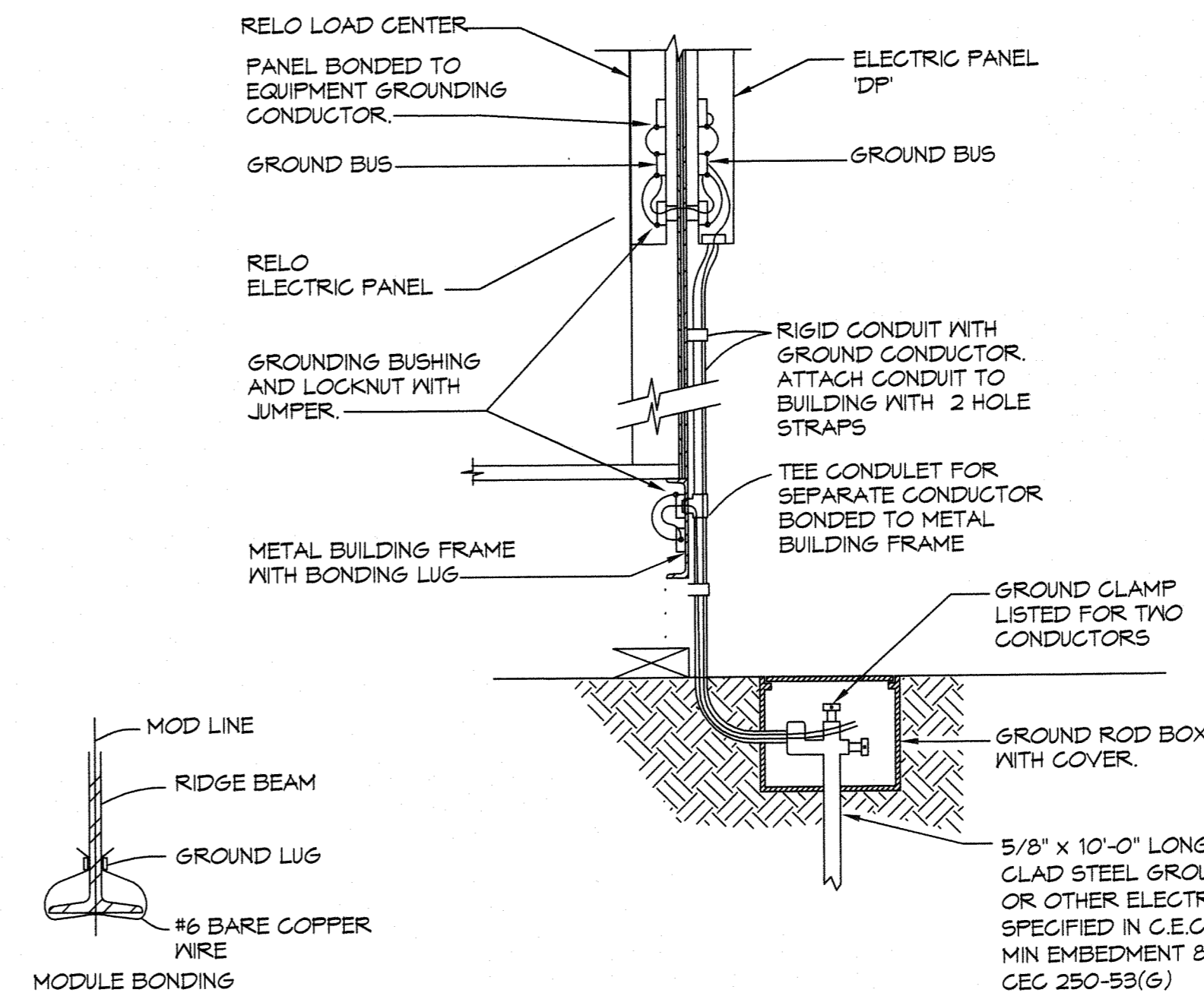


GENERAL NOTE:

1. SIZE OF CONDUCTOR SHALL COMPLY WITH C.E.C. TABLE 250-66.
2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL (250-52(5)) AND TO METAL BUILDING FRAME (C.E.C. 250-104(C)). IN ADDITION TO THE DETAIL ABOVE BOND THE ELECTRICAL GROUND TO METAL WATER PIPE IF AVAILABLE. (C.E.C. 250-104(A)).
3. ALL MODULES OF METAL FRAME BUILDINGS AND RAMP SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING).
4. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, EXTEND CONDUCTORS, AS REQUIRED TO ADDITIONAL GROUND RODS AS NEEDED, SEPARATED BY AT LEAST 6'-0" UNTIL RESISTANCE IS 25 OHM OR LESS (CEC 250.56).

RELOCATABLE CLASSROOM GROUNDING DETAIL
NO SCALE

3
E-1.2



GENERAL NOTE:

1. SIZE OF CONDUCTOR SHALL COMPLY WITH C.E.C. TABLE 250-66.
2. BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELECTRICAL PANEL (250-52(5)) AND TO METAL BUILDING FRAME (C.E.C. 250-104(C)). IN ADDITION TO THE DETAIL ABOVE BOND THE ELECTRICAL GROUND TO METAL WATER PIPE IF AVAILABLE. (C.E.C. 250-104(A)).
3. ALL MODULES OF METAL FRAME BUILDINGS AND RAMP SHALL BE ELECTRICALLY BONDED TOGETHER (BOLTING ONLY IS NOT ACCEPTABLE BONDING).
4. CHECK RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, EXTEND CONDUCTORS, AS REQUIRED TO ADDITIONAL GROUND RODS AS NEEDED, SEPARATED BY AT LEAST 6'-0" UNTIL RESISTANCE IS 25 OHM OR LESS (CEC 250.53(A)(2)(3)).

RELOCATABLE CLASSROOM GROUNDING DETAIL #2
NO SCALE

4
E-1.2

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CHET F. HARRITT SCHOOL
PROJECT SAFE ADDITION
SANTEE SCHOOL DISTRICT

SITE ELECTRICAL
DETAILS

Drawn:
Author:
Checked:
Checker:
Date:

Job:

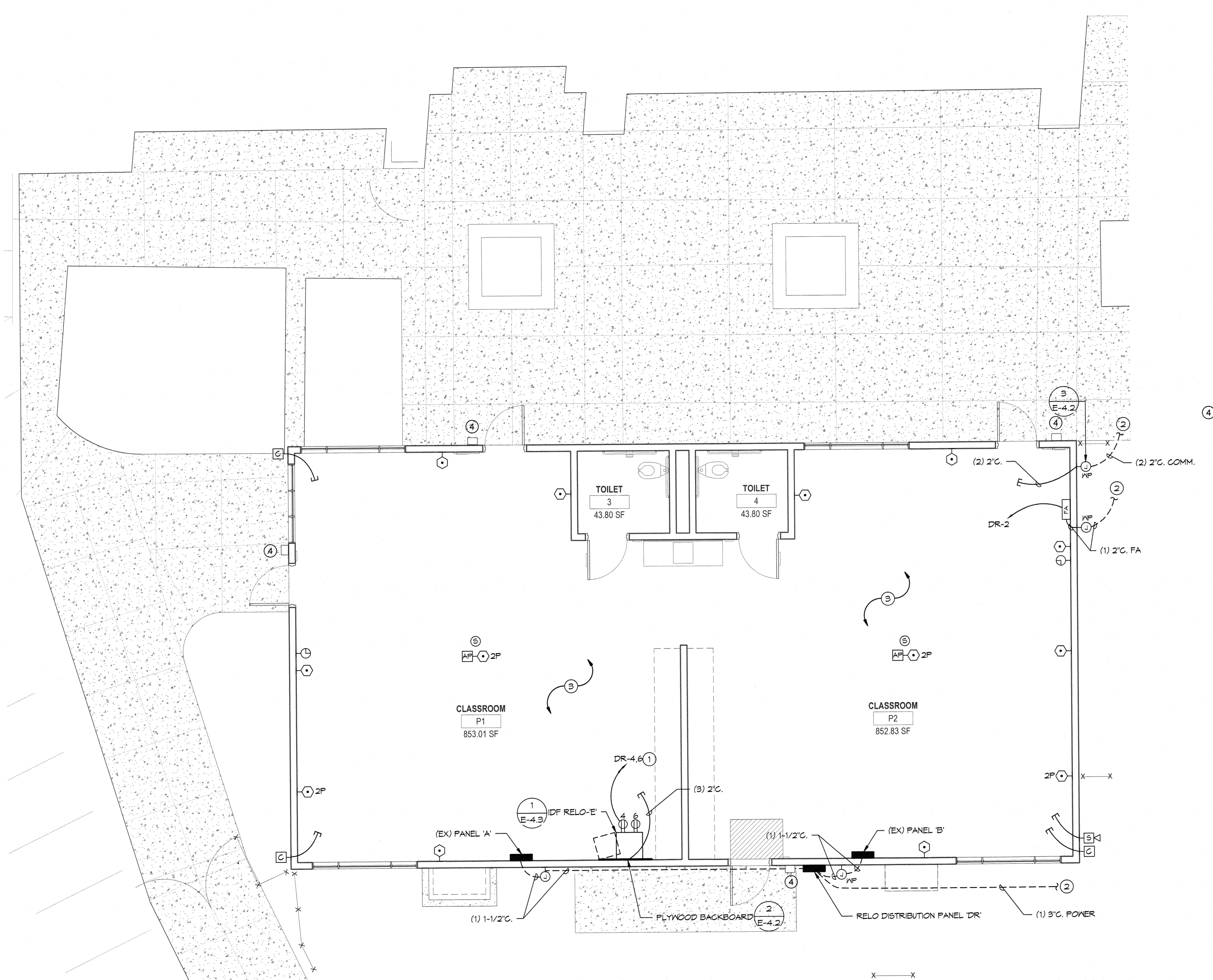
E-1.2

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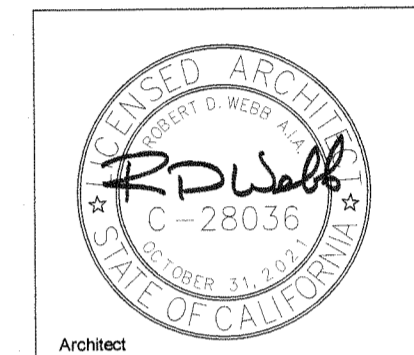
- GENERAL NOTES:**
1. REFERENCE E4 SERIES SHEETS FOR TYPICAL CONDUIT AND BACKBOX INSTALLATION DETAILS.
 2. REFERENCE E4 SERIES SHEETS FOR TYPICAL COMMUNICATION SYSTEMS RISER DIAGRAM.
 3. REFERENCE RISER DIAGRAMS FOR TYPICAL CONDUIT SIZES AND ROUTINGS.

- KEY NOTES:**
- ① (2) #12 (HOT), (1) #10 (NEUTRAL), (1) #12 (GND), 3/4" C.
 - ② SEE E1.1 FOR CONTINUATION.
 - ③ PROVIDE 1-1/4" RISER RATED INNERDUCT IN ACCESSIBLE CEILING FOR FEED CABLING. ROUTE INNERDUCT FROM ENTRANCE CONDUIT LOCATION TO IDF CABINET.
 - ④ EXTERIOR LIGHTING, PROVIDED BY OTHERS. SEE PC DRAWINGS, SHEET ALT-02

IDENTIFICATION STAMP
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 ARCHITECTURE + ENGINEERING
 515 Encinitas Blvd., Ste. 204, Encinitas, California 92024
 Telephone: (760)753-8800 Fax: (760)452-7441



CHET F. HARRITT SCHOOL
 PROJECT SAFE ADDITION
 SANTEE SCHOOL DISTRICT

FLOOR PLAN -
 POWER & COMM.

Drawn: _____
 Author: _____
 Checked: _____
 Checker: _____
 Date: _____

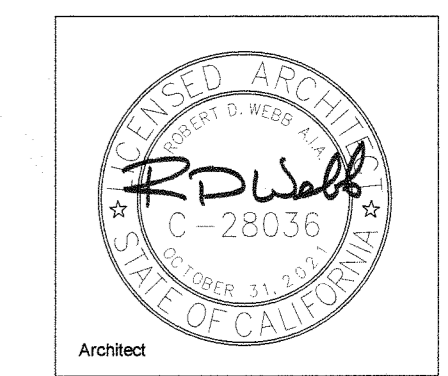
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 E-3.1

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 P 858.679.4030 | F 858.513.0559
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CHET F. HARRITT SCHOOL
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 SANTEE SCHOOL DISTRICT

ONE-LINE DIAGRAM

Drawn:
 Author
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 Checker
 Date:

Job:
E-3.2

GENERAL NOTES:

1. A FAULT CURRENT AND TIME CURRENT STUDY MUST BE PROVIDED AS DESCRIBED IN THE SPECIFICATIONS PRIOR TO FINAL APPROVAL OF THE POWER EQUIPMENT.
2. REFERENCE DETAIL **E-3.2** FOR ALL EQUIPMENT FAULT CURRENT RATINGS.
3. UNLESS WHERE OTHERWISE NOTED, ALL WORK INDICATED ON THESE DRAWINGS SHALL BE CONSIDERED NEW WORK.
4. ALL ELECTRICAL GEAR AND EQUIPMENT SHOWN ON ONE-LINE DIAGRAM SHALL BE NEMA 3R UNLESS OTHERWISE NOTED.

KEY NOTES:

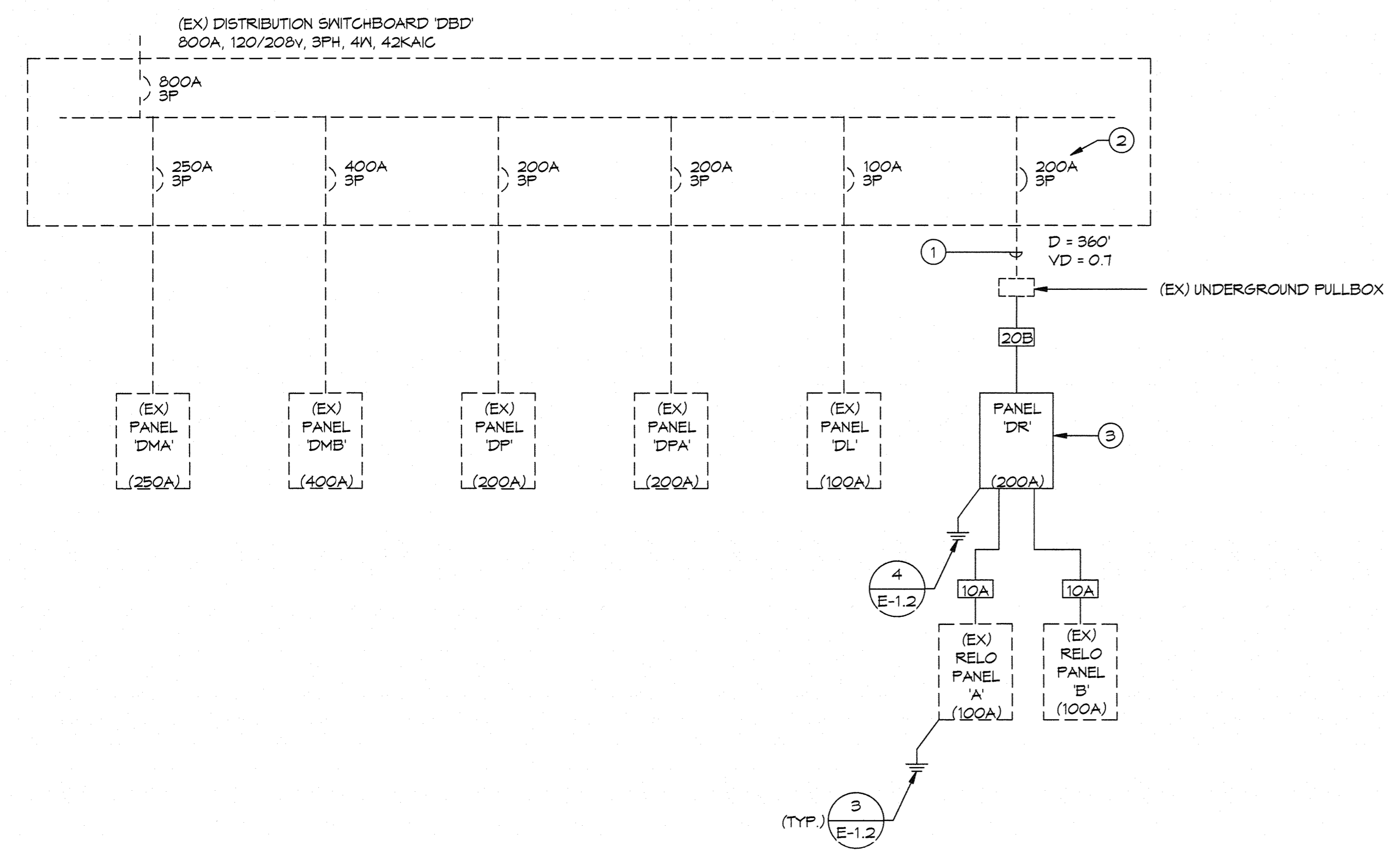
- ① NEW WIRE IN EXISTING CONDUIT.
- ② NEW BREAKER TO MATCH EXISTING MANUFACTURER AND RATINGS.
- ③ NEMA 3R.

LOAD CALCULATION	
(EX) TOTAL LOAD (120/208V)	= 2118 A
NEW ADDED LOAD	= 112 A
TOTAL	= 2230 A
EXISTING MSB 2500 AMPS, 120/208V	

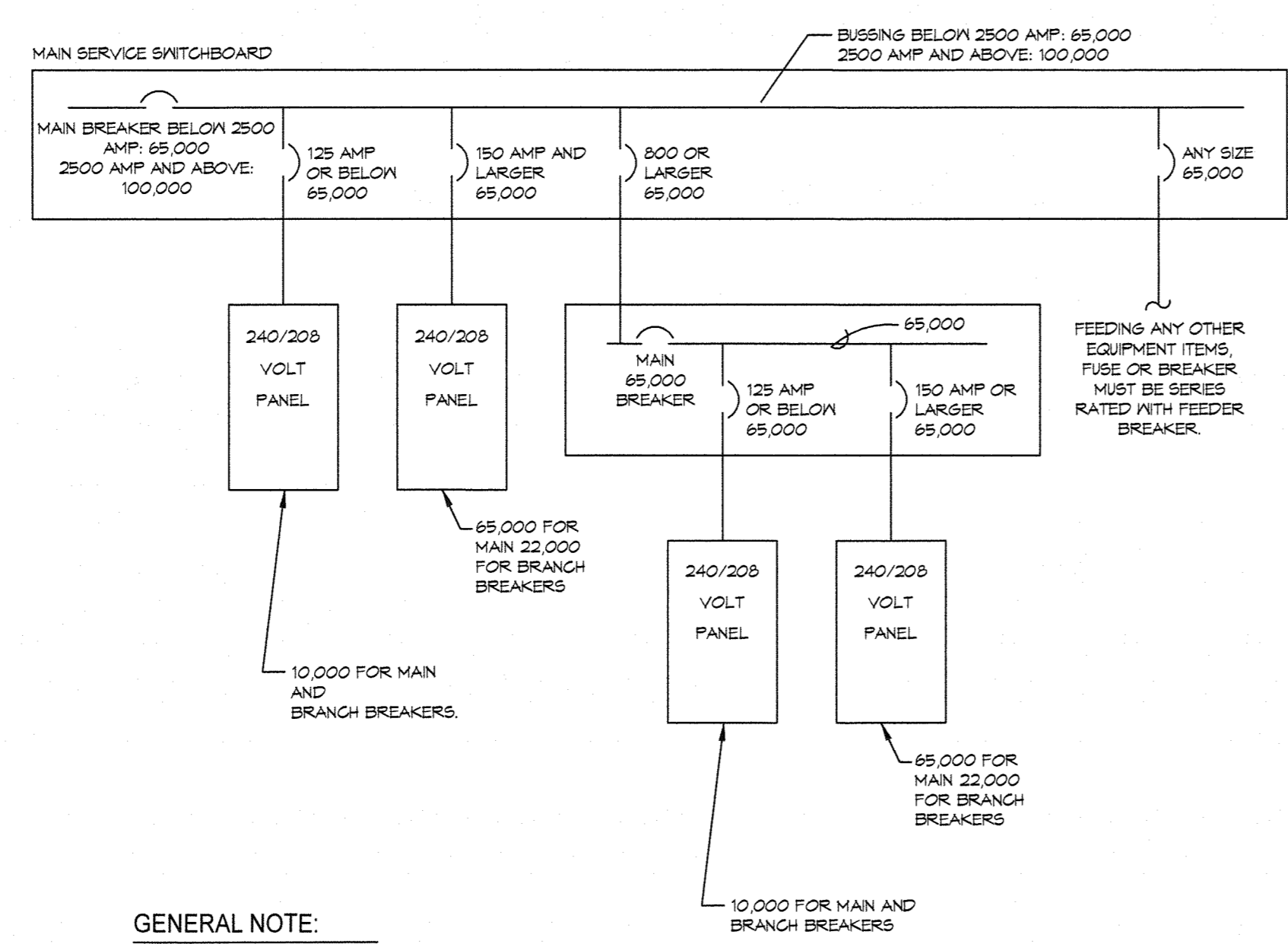
600V FEEDER SCHEDULE GENERAL NOTES:

1. ALL CONDUCTOR SHALL BE PROVIDED WITH TYPE THWN-2 INSULATION. REFERENCE SPECIFICATION SECTION 26 05 19 (16120) FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE 60 DEGREE COPPER/ALUMINUM RATED TERMINATION FOR ALL FEEDERS SIZED WITH #2 OR SMALLER CONDUCTORS. PROVIDE 75 DEGREE COPPER/ALUMINUM RATED TERMINATIONS FOR ALL FEEDERS SIZED WITH #1 OR LARGER CONDUCTORS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ORDERING LUG CONFIGURATION AN ALL EQUIPMENT. BREAKER OF DISCONNECTS TO MATCH FEEDER CONFIGURATIONS INDICATED.
4. WHERE MULTIPLE CONDUIT QUANTITIES ARE INDICATED, CONDUCTOR QUANTITIES AND SIZES SHOWN IN SCHEDULE SHALL BE PROVIDED IN EACH CONDUIT.

I.D.	Type	Amperity	Copper		Aluminum	
			Conduit	Conductors	Conduit	Conductors
2A		20	(1) 3/4"	3 # 12, 1# 12 Gnd	NA	NA
2B		20	(1) 3/4"	4 # 12, 1# 12 Gnd	NA	NA
3A		30	(1) 3/4"	3 # 10, 1# 10 Gnd	NA	NA
3B		30	(1) 3/4"	4 # 10, 1# 10 Gnd	NA	NA
4A		40	(1) 1"	3 # 8, 1# 10 Gnd	NA	NA
4B		40	(1) 1"	4 # 8, 1# 10 Gnd	NA	NA
5A		50	(1) 1"	3 # 6, 1# 10 Gnd	NA	NA
5B		50	(1) 1"	4 # 6, 1# 10 Gnd	NA	NA
6A		60	(1) 1 1/4"	3 # 4, 1# 8 Gnd	NA	NA
6B		60	(1) 1 1/4"	4 # 4, 1# 8 Gnd	NA	NA
7A		70	(1) 1 1/4"	3 # 4, 1# 8 Gnd	NA	NA
7B		70	(1) 1 1/4"	4 # 4, 1# 8 Gnd	NA	NA
8A		80	(1) 1 1/4"	3 # 3, 1# 8 Gnd	NA	NA
8B		80	(1) 1 1/4"	4 # 3, 1# 8 Gnd	NA	NA
9A		90	(1) 1 1/2"	3 # 2, 1# 8 Gnd	NA	NA
9B		90	(1) 1 1/2"	4 # 2, 1# 8 Gnd	NA	NA
10A		100	(1) 1 1/2"	3 # 1, 1# 6 Gnd	NA	NA
10B		100	(1) 1 1/2"	4 # 1, 1# 6 Gnd	NA	NA
12A		125	(1) 2"	3 # 1, 1# 6 Gnd	(1) 2"	3 # 2/0, 1# 3 Gnd
12B		125	(1) 2"	4 # 1, 1# 6 Gnd	(1) 2"	4 # 2/0, 1# 3 Gnd
15A		150	(1) 2"	3 # 1/0, 1# 6 Gnd	(1) 2"	3 # 3/0, 1# 3 Gnd
15B		150	(1) 2"	4 # 1/0, 1# 6 Gnd	(1) 2"	4 # 3/0, 1# 3 Gnd
17A		175	(1) 2"	3 # 2/0, 1# 6 Gnd	(1) 2"	3 # 4/0, 1# 3 Gnd
17B		175	(1) 2"	4 # 2/0, 1# 6 Gnd	(1) 2"	4 # 4/0, 1# 3 Gnd
20A		200	(1) 3"	3 # 3/0, 1# 4 Gnd	(1) 3"	3 # 250, 1# 2 Gnd
20B		200	(1) 3"	4 # 3/0, 1# 4 Gnd	(1) 3"	4 # 250, 1# 2 Gnd
22A		225	(1) 3"	3 # 4/0, 1# 4 Gnd	(1) 3"	3 # 300, 1# 2 Gnd
22B		225	(1) 3"	4 # 4/0, 1# 4 Gnd	(1) 3"	4 # 300, 1# 2 Gnd
25A		250	(1) 3"	3 # 250, 1# 4 Gnd	(1) 3"	3 # 350, 1# 2 Gnd
25B		250	(1) 3"	4 # 250, 1# 4 Gnd	(1) 3"	4 # 350, 1# 2 Gnd
30A		300	(1) 3"	3 # 350, 1# 4 Gnd	(1) 3"	3 # 500, 1# 2 Gnd
30B		300	(1) 3"	4 # 350, 1# 4 Gnd	(1) 3"	4 # 500, 1# 2 Gnd
35A		350	(2) 2"	3 # 2/0, 1# 2 Gnd	(2) 2"	3 # 4/0, 1# 1 Gnd
35B		350	(2) 2"	4 # 2/0, 1# 2 Gnd	(2) 2"	4 # 4/0, 1# 1 Gnd
40A		400	(2) 3"	3 # 3/0, 1# 2 Gnd	(2) 3"	3 # 250, 1# 1/0 Gnd
40B		400	(2) 3"	4 # 3/0, 1# 2 Gnd	(2) 3"	4 # 250, 1# 1/0 Gnd
45A		450	(2) 3"	3 # 4/0, 1# 2 Gnd	(2) 3"	3 # 300, 1# 1/0 Gnd
45B		450	(2) 3"	4 # 4/0, 1# 2 Gnd	(2) 3"	4 # 300, 1# 1/0 Gnd
50A		500	(2) 3"	3 # 250, 1# 2 Gnd	(2) 3"	3 # 350, 1# 1/0 Gnd
50B		500	(2) 3"	4 # 250, 1# 2 Gnd	(2) 3"	4 # 350, 1# 1/0 Gnd
60A		600	(2) 3"	3 # 350, 1# 1 Gnd	(2) 3"	3 # 500, 1# 2/0 Gnd
60B		600	(2) 3"	4 # 350, 1# 1 Gnd	(2) 3"	4 # 500, 1# 2/0 Gnd
70A		700	(3) 3"	3 # 4/0, 1# 1/0 Gnd	(3) 3"	3 # 300, 1# 3/0 Gnd
70B		700	(3) 3"	4 # 4/0, 1# 1/0 Gnd	(3) 3"	4 # 300, 1# 3/0 Gnd
80A		800	(3) 3"	3 # 300, 1# 1/0 Gnd	(3) 3"	3 # 500, 1# 3/0 Gnd
80B		800	(3) 3"	4 # 300, 1# 1/0 Gnd	(3) 3"	4 # 500, 1# 3/0 Gnd
100B		1000	(4) 3"	4 # 250, 1# 2/0 Gnd	(4) 3"	4 # 400, 1# 4/0 Gnd
120B		1200	(4) 4"	4 # 350, 1# 3/0 Gnd	(4) 4"	4 # 500, 1# 250 Gnd
160B		1600	(5) 4"	4 # 400, 1# 4/0 Gnd	(5) 4"	4 # 600, 1# 350 Gnd
200B		2000	(6) 4"	4 # 500, 1# 250 Gnd	(6) 4"	4 # 600, 1# 400 Gnd
250B		2500	(7) 4"	4 # 500, 1# 350 Gnd	(7) 4"	4 # 750, 1# 600 Gnd
300B		3000	(8) 4"	4 # 500, 1# 350 Gnd	(8) 4"	4 # 750, 1# 600 Gnd
350B		3500	(12) 4"	4 # 350, 1# 400 Gnd	(12) 4"	4 # 500, 1# 600 Gnd
400B		4000	(12) 4"	4 # 400, 1# 400 Gnd	(12) 4"	4 # 600, 1# 750 Gnd



ONE-LINE DIAGRAM
 NO SCALE



- GENERAL NOTE:**
1. ALL RATINGS SHOWN ARE FOR A UL LISTED SERIES COMBINATION OF THE BREAKERS INDICATED.

TYPICAL 208/240 VOLT SERVICE AIC EQUIPMENT RATING
 NO SCALE

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Professional Engineer Seal for Michael J. Johnson, No. E 14781, Exp. 6-30-2021, State of California, Electrical.

#19194 3/25/2020 11:34:32 AM

BACKBOX AND RING LEGEND	
TYPE	DESCRIPTION
'B1'	4 11/16" square 2 1/8" deep box with single gang ring.
'B2'	4 11/16" square 2 1/8" deep box with dual gang ring.
'B3'	4" square 1 1/2" deep box with single gang ring.
'C1'	Provided by 27 10 00 contractor.
'C2'	Provided by 27 21 00 contractor.

FACEPLATE LEGEND	
TYPE	DESCRIPTION
'AR'	As required to accommodate the number of ports designated.

CONDUIT / RACEWAY LEGEND	
TYPE	DESCRIPTION
'3/4-S'	3/4" conduit stubbed from box into accessible ceiling space, unless detailed otherwise on drawings.
'1-S'	1" conduit stubbed from box into accessible ceiling space, unless detailed otherwise on drawings.

TECHNOLOGY SYMBOL LEGEND				
SYMBOL	DESCRIPTION	BACKBOX & RING	FACE PLATE	CONDUIT / RACEWAY
	Dual port data outlet, +18" A.F.F. (U.O.N.)	Type 'B1'	Type 'AR'	Type '3/4-S' or surface raceway per floor plans.
	Single port data outlet, +18" A.F.F. (U.O.N.)	Type 'B1'	Type 'AR'	Type '3/4-S' or surface raceway per floor plans.
	Dual port data outlet at wireless access point mounted in accessible ceiling (U.O.N.)	See detail	Type 'C1'	Not required in accessible ceiling.
	Conduit stubbed above ceiling sleeved through walls			Provide (1) 2" conduit for open wire communications system wiring (U.O.N.)
	Conduit stubbed above ceiling			3/4" conduit stubbed from device to specific ceiling area.
	Conduit stubbed above ceiling sleeved through walls a=Quantity, b=Size			Multiple conduits for open low voltage wiring, size and quantity as indicated.

COMMUNICATION / SECURITY SYMBOL LEGEND				
SYMBOL	DESCRIPTION	BACKBOX & RING	FACE PLATE	CONDUIT / RACEWAY
	IP-based intercom speaker, recessed in ceiling.	Type 'C1', installed by electrical contractor.	Type 'C1'	Type '3/4-S'
	IP-based intercom horn, surface mounted on exterior wall, +8'-0" A.F.F. (U.O.N.)	Type 'C1', installed by electrical contractor.	Type 'C1'	Type '3/4-S'
	Clock wall mounted +84" A.F.F.	Not required	Not required	Not required
	Surveillance camera location, exterior type. Height as shown on floor plans	Type 'B1'	Type 'C6' (Weathertight)	Type '1-S'

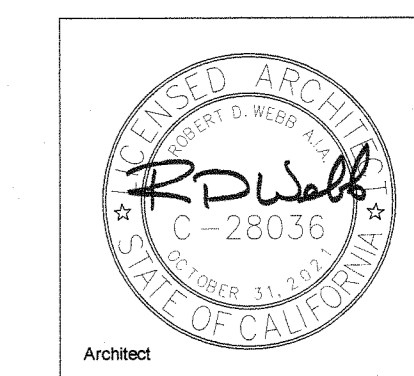
GENERAL NOTES:

- ALL CONDUITS WHICH ARE REQUIRED AS A PART OF SYSTEMS SPECIFIED FOR COMMUNICATIONS, TELEPHONE, INTERCOM, CLOCK FIRE ALARM, SECURITY, SOUND SYSTEMS, DATA NETWORKING, OR AUDIO-VISUAL SYSTEMS SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
 - THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL CONDUIT REQUIREMENTS WITH EACH SYSTEM SUPPLIER PRIOR TO BID TO DETERMINE SPECIAL CONDUIT SYSTEM REQUIREMENTS.
 - THE ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT SLEEVES FOR ALL OPEN CABLE INSTALLATIONS THROUGH RATED WALLS, BLOCK WALLS AND WHERE SHOWN ON THE DRAWINGS. PROVIDE CONDUIT FROM EACH BUILDING MAIN TERMINATION CABINET OR BACKBOARD TO THE NEAREST ACCESSIBLE CEILING FOR ACCESS INTO ALL ELECTRICAL OR COMMUNICATIONS ROOMS.
 - ALL CONDUIT, BOXES, AND RINGS SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
 - ALL BLANK PLATES SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. (UNLESS OTHERWISE NOTED)
 - ALL CONDUITS SHALL BE FURNISHED WITH PULL STRINGS BY ELECTRICAL CONTRACTOR. COMMUNICATION CONTRACTOR TO PROVIDE POLYARIMID FULL TAPE WITH NEW CABLING INTO ALL CONDUITS BETWEEN BUILDINGS. SEE SPECIFICATIONS FOR REQUIREMENTS.
 - CONTRACTOR TO REVIEW ARCHITECTURAL CEILING PLANS TO DETERMINE LOCATIONS OF ACCESSIBLE CEILINGS PRIOR TO BID.
 - (271000) NUMBERS INDICATE MATCHING SPECIFICATION SECTION RESPONSIBLE FOR THIS WORK.
- IN ADDITION TO THE ABOVE REQUIREMENTS, THE FOLLOWING REQUIREMENTS SHALL APPLY TO ALL DATA, VOICE, PAGING, AUDIO-VISUAL, SECURITY AND CLOCK CONDUITS:
 - FLEXIBLE METAL CONDUIT MAY BE USED ONLY WHERE REQUIRED AT BUILDING SEISMIC AND/OR EXPANSION JOINTS.
 - ALL UNDERGROUND CONDUITS SHALL BE PROVIDED WITH MINIMUM 24" RADIUS ELBOWS.
 - NO LENGTH OF CONDUIT SHALL BE INSTALLED TO EXCEED 150 FEET BETWEEN PULL BOXES, OR POINTS OF CONNECTION, UNLESS WHERE SPECIFICALLY DETAILED ON THE DRAWINGS.
 - NO LENGTH OF CONDUIT SHALL BE INSTALLED TO EXCEED TWO 90 DEGREE BENDS BETWEEN PULL BOXES, OR POINTS OF CONNECTION, UNLESS WHERE SPECIFICALLY DETAILED ON THE DRAWINGS.

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 DATE JUN 10 2020

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 SANTEE SCHOOL DISTRICT

COMMUNICATION
 LEGEND & NOTES

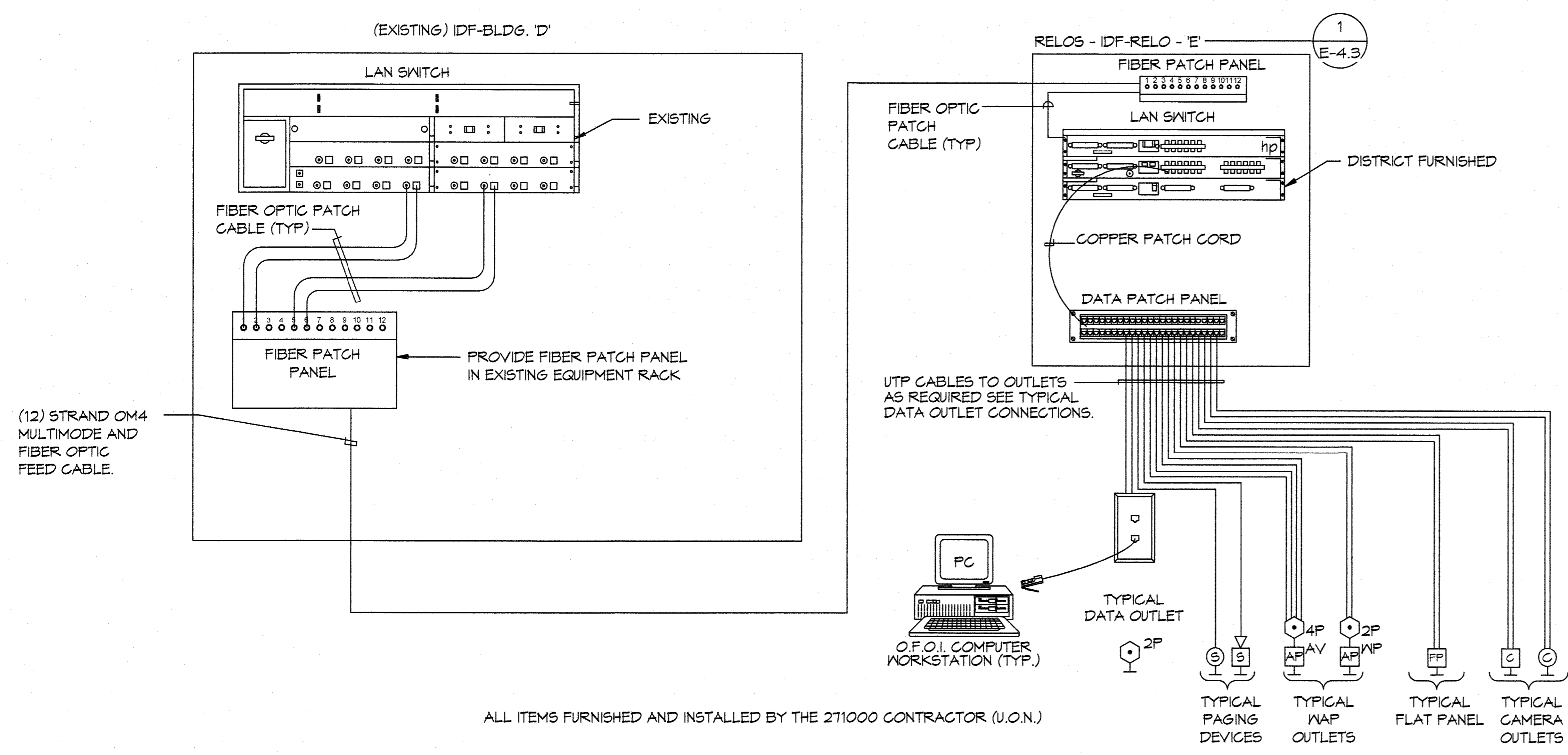
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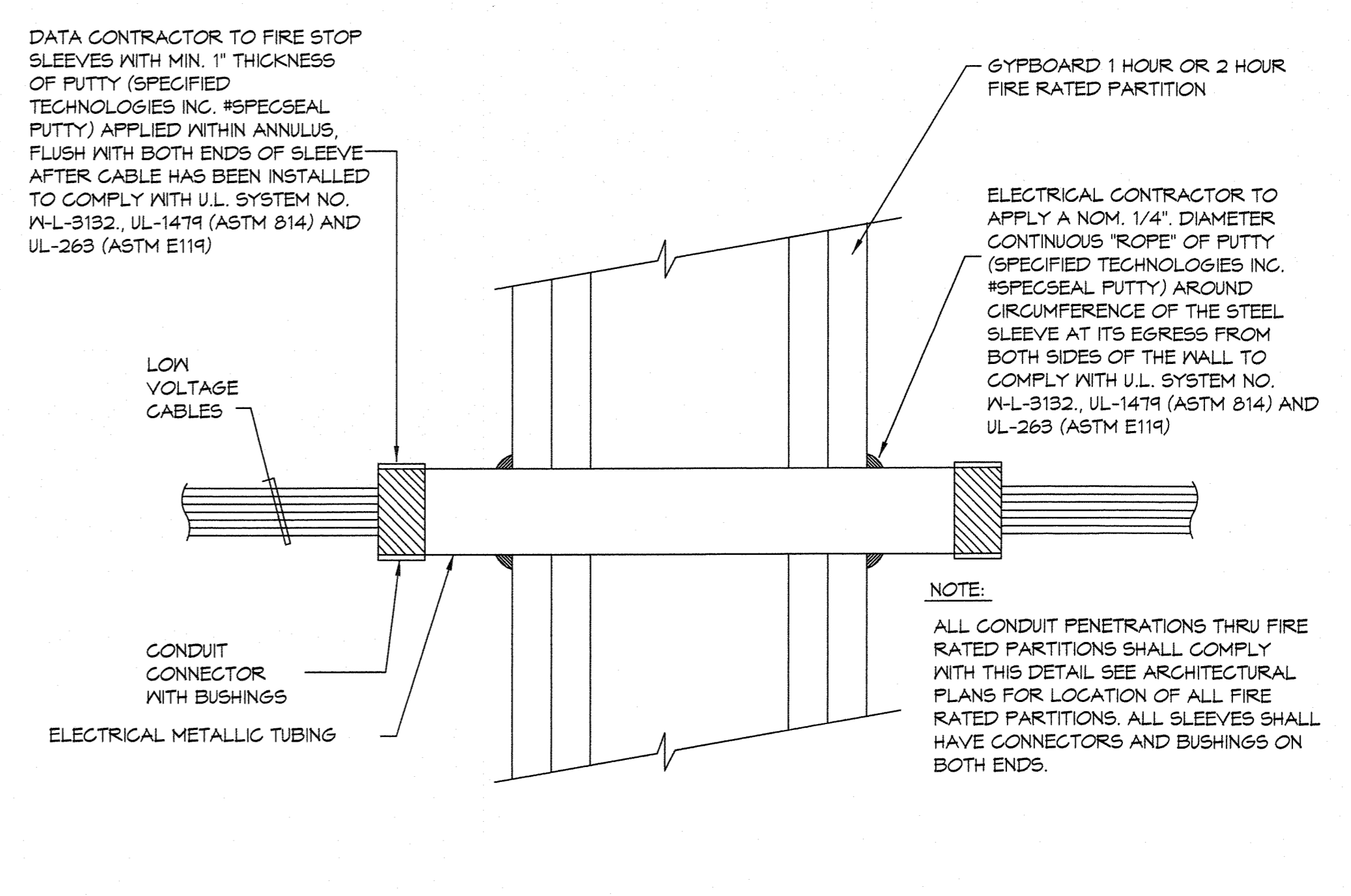
REGISTERED PROFESSIONAL ENGINEER
 ROBERT D. WEBB
 NO. E 14781
 Exp. 6-30-2021
 ELECTRICAL
 STATE OF CALIFORNIA

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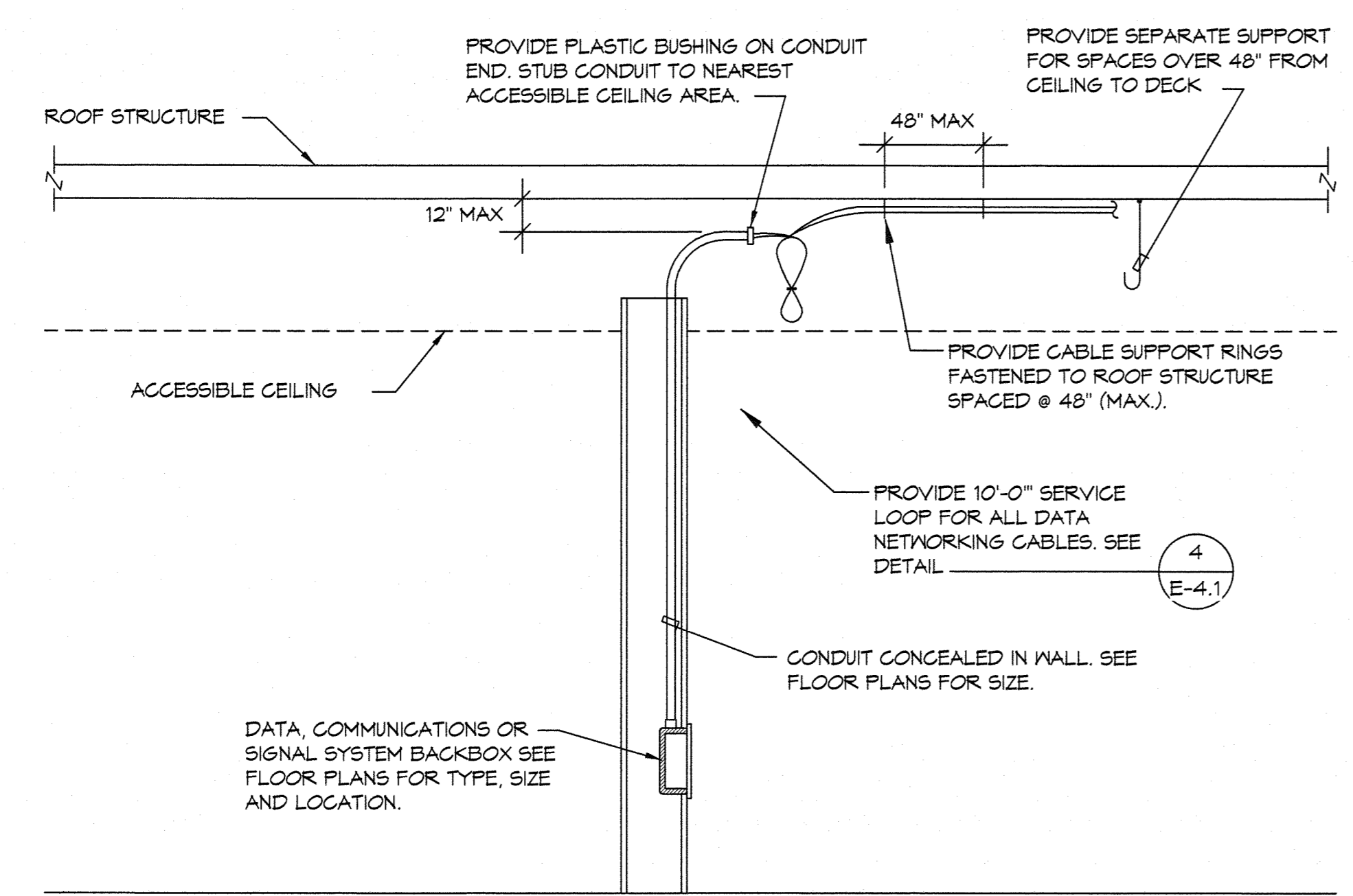
DATA NETWORKING WIRING DIAGRAM
 NO SCALE

1
 E-4.1



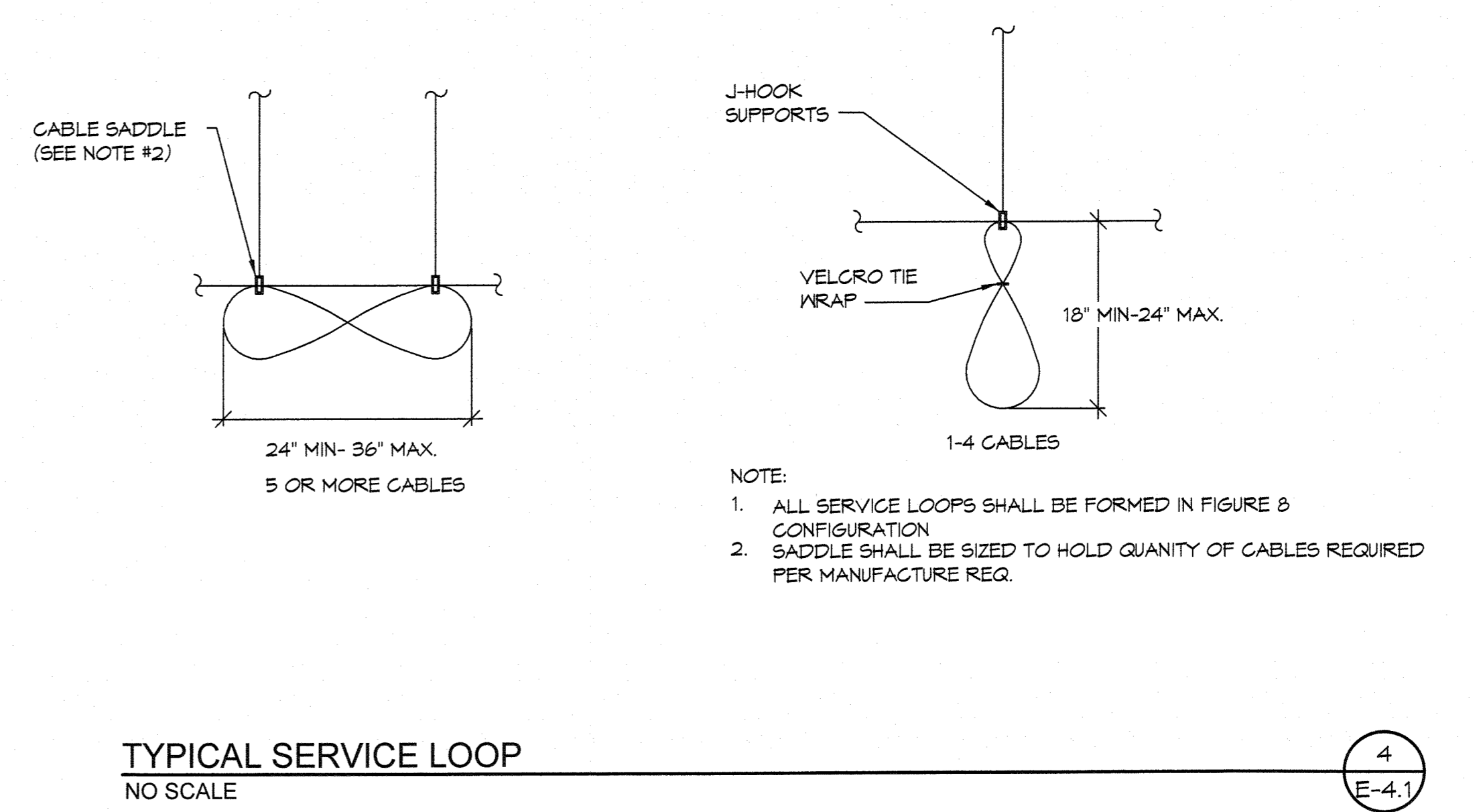
DATA SLEEVE PENETRATION THRU FIRE RATED PARTITIONS
 NO SCALE

2
 E-4.1



COMMUNICATIONS SYSTEM OPEN WIRE/CONDUIT STUB TYPICAL DETAIL
 NO SCALE

3
 E-4.1

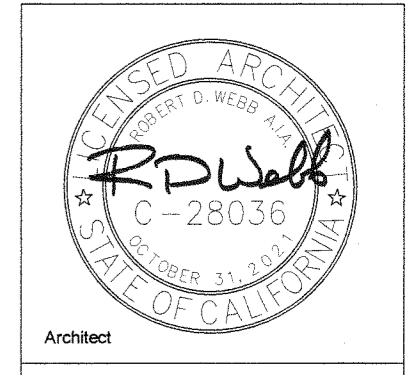


TYPICAL SERVICE LOOP
 NO SCALE

4
 E-4.1

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Job:
 E-4.1

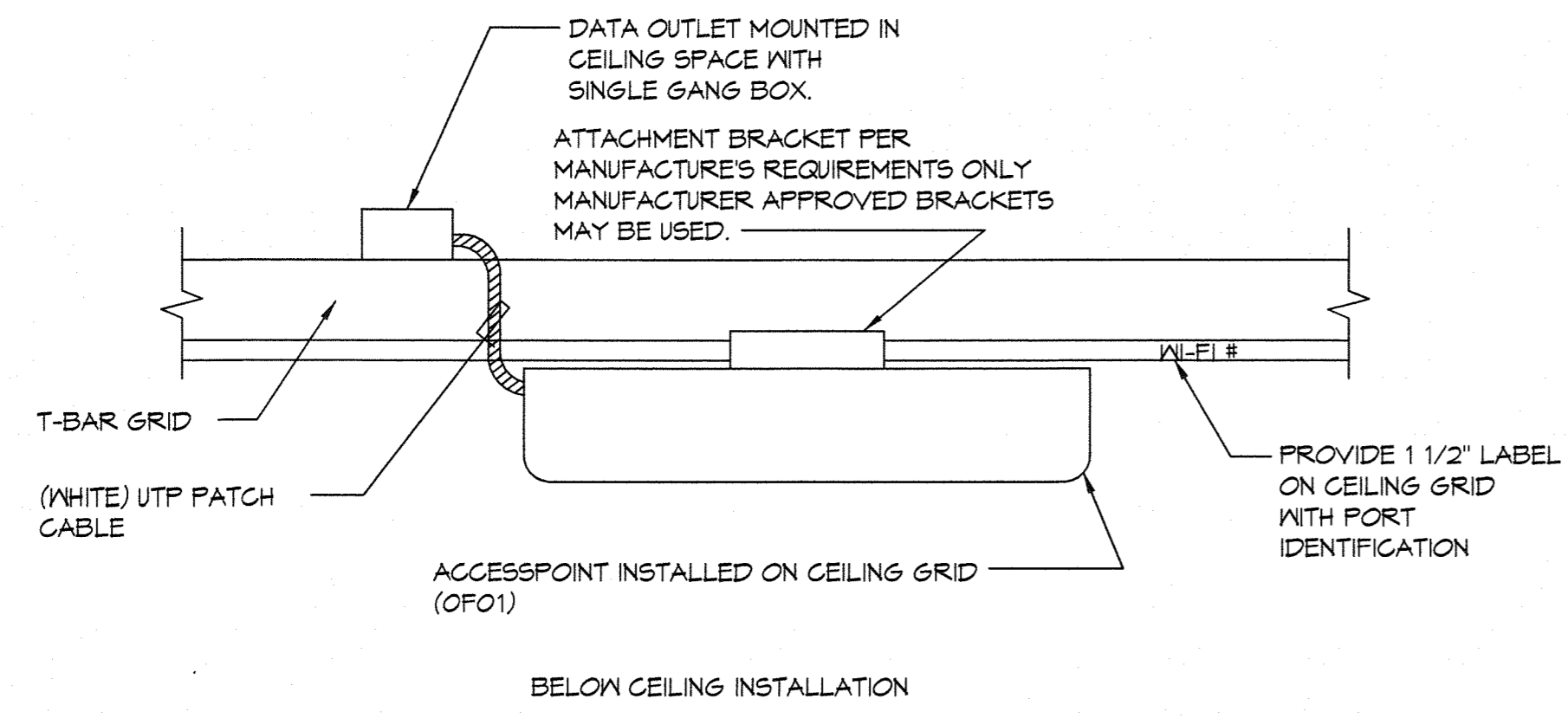
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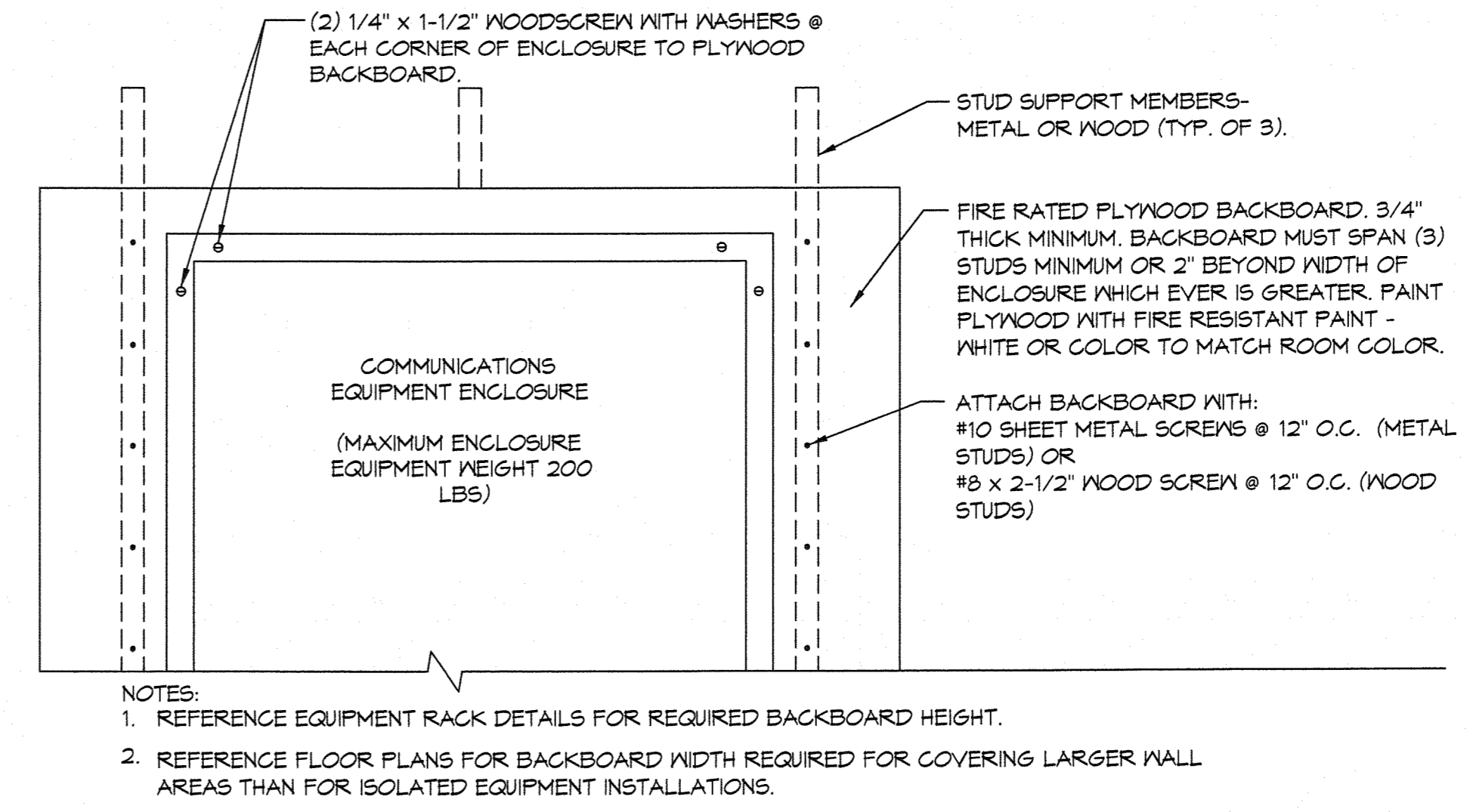
Professional Engineer Seal: R. D. Webb, License No. E 14781, Exp. 8-30-2021, State of California.

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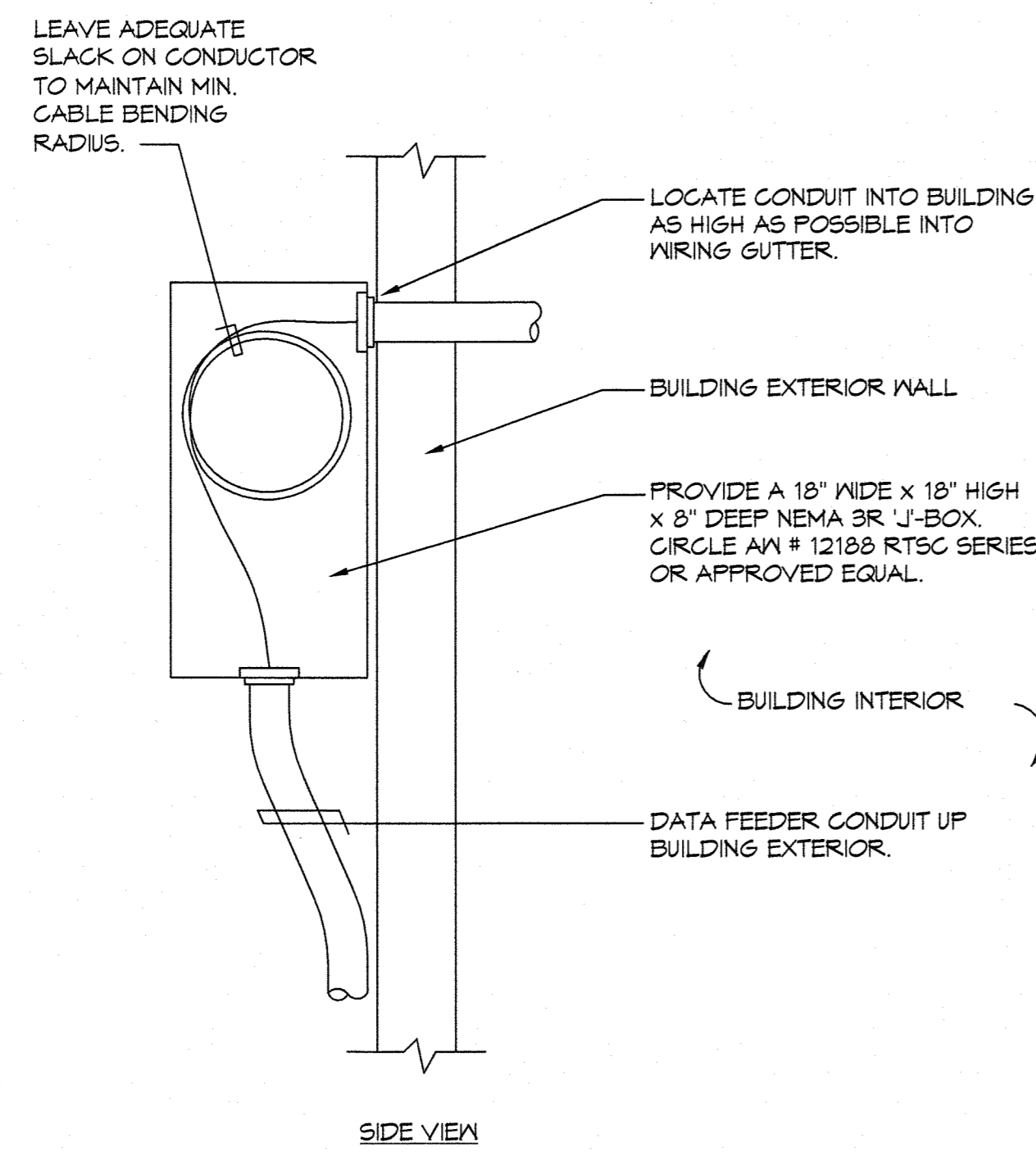
WIRELESS ACCESS POINT ANTENNA MOUNTING DETAILS
NO SCALE

1
E-4.2



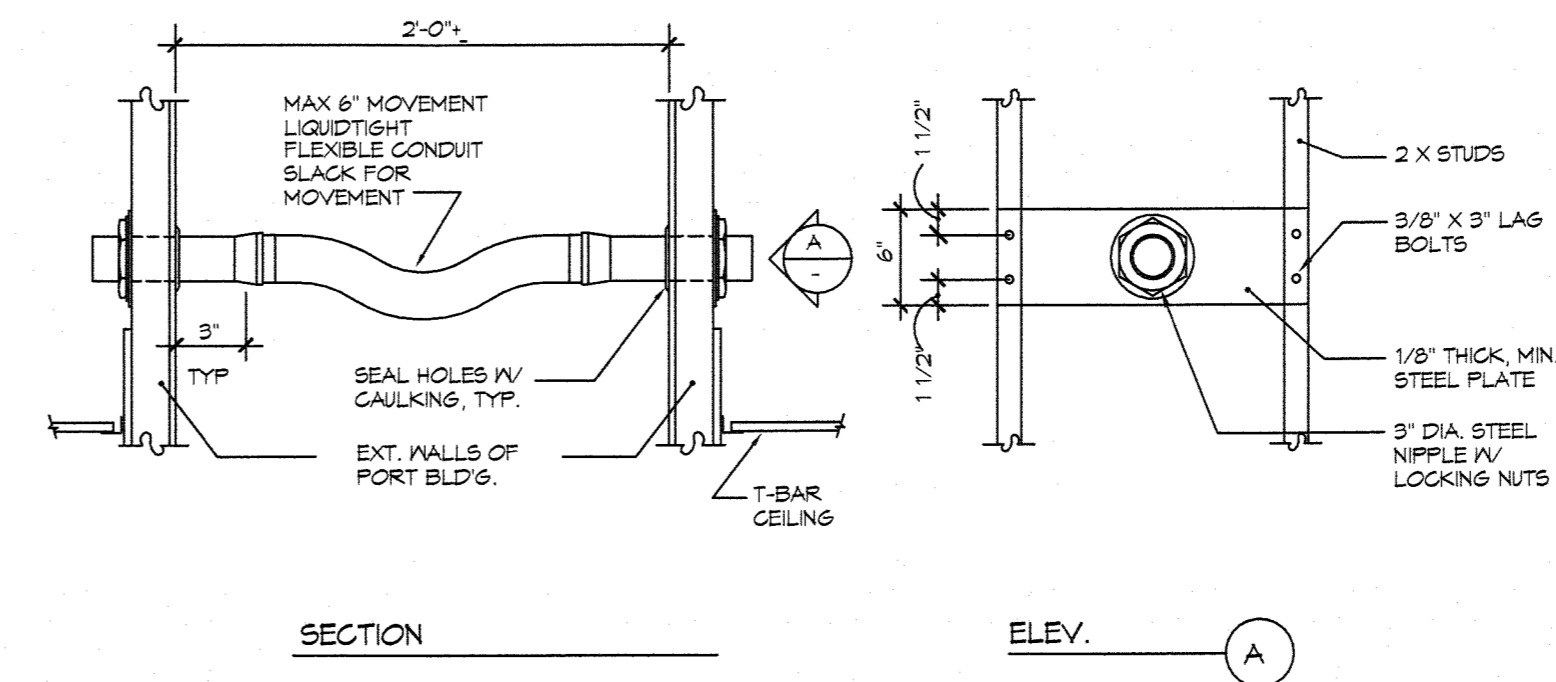
TYPICAL BACKBOARD DETAIL
NO SCALE

2
E-4.2



DATA SYSTEM INSTALLATION DETAIL
NO SCALE

3
E-4.2



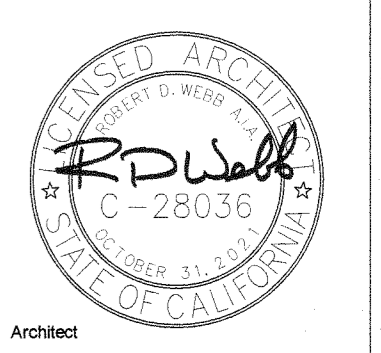
CONDUIT CONNECTIONS AT BUILDING SEPARATIONS
NO SCALE

4
E-4.2

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Telephone: (760) 452-6800 Fax: (760) 452-7541



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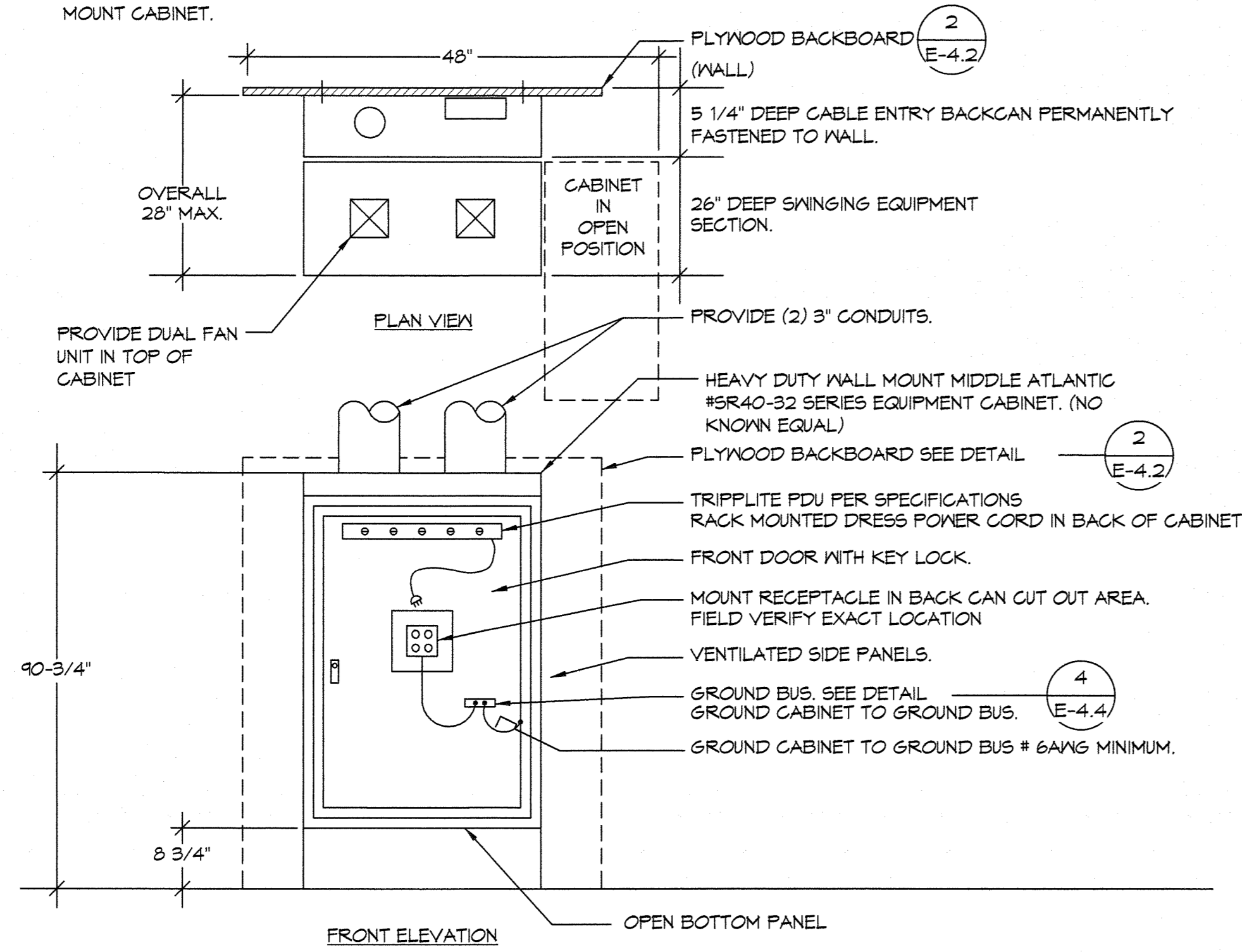
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Professional Engineer Seal: Robert D. Webb, License No. E 14781, Exp. 8-30-2021, Electrical, State of California.

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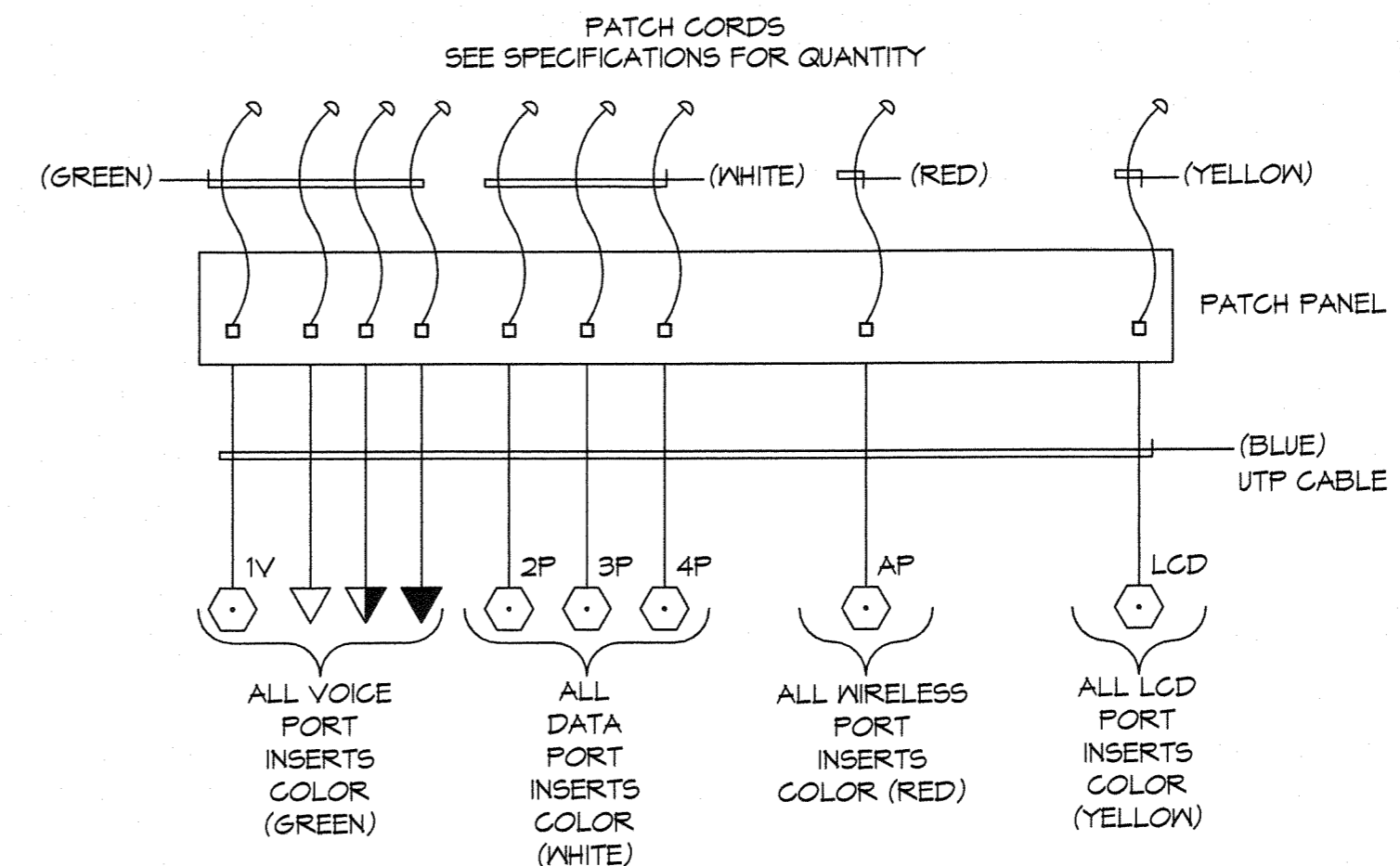
GENERAL NOTE:

1. PROVIDE PLYWOOD BACKBOARD INSIDE BASE OF WALL MOUNT CABINET.



EQUIPMENT RACK DETAIL
NO SCALE

1
E-4.3



TYPICAL CABLE/INSERT COLOR SCHEME DETAIL
NO SCALE

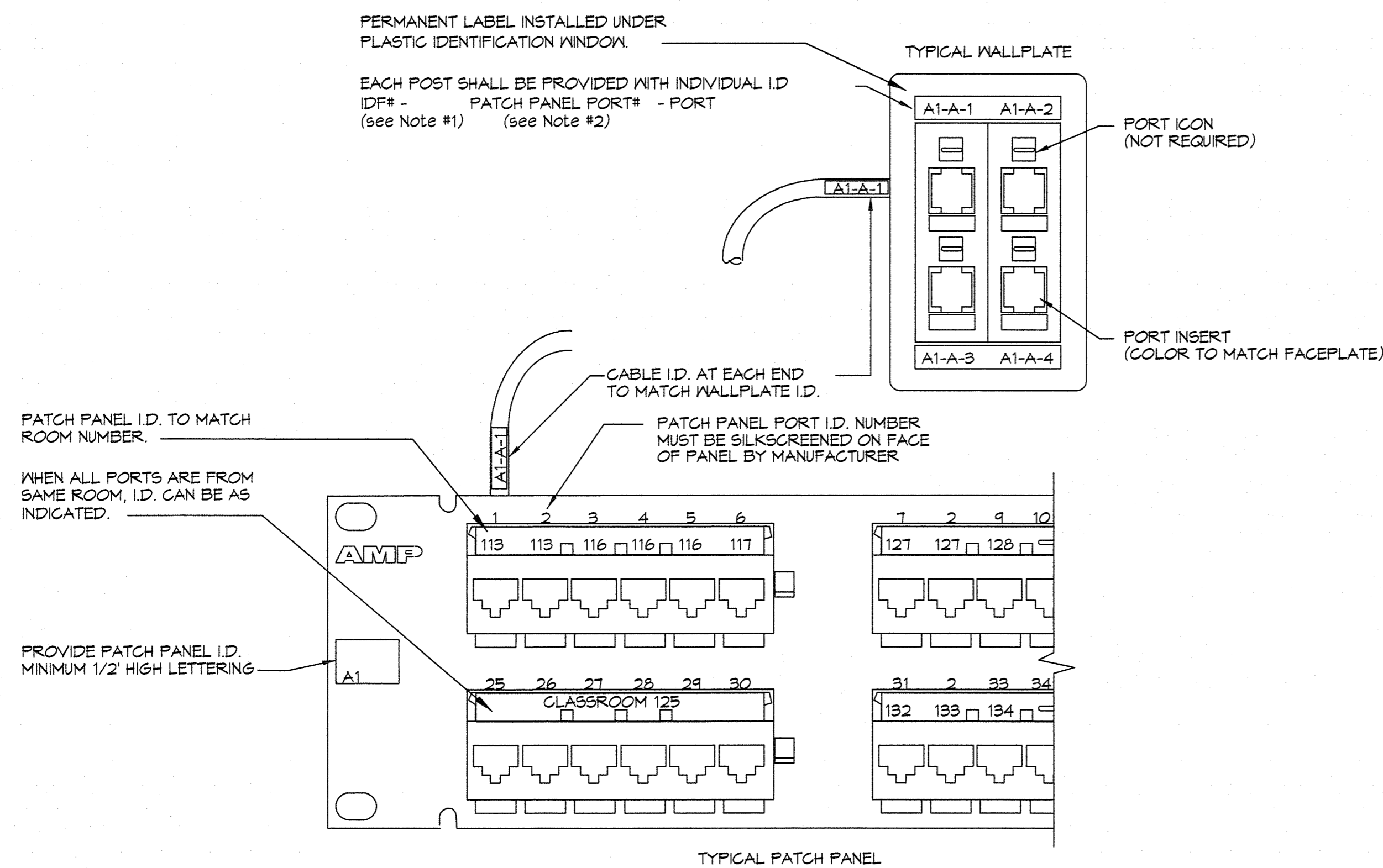
2
E-4.3

NOTE:

1. EACH IDF SHALL BE NUMBERED TO MATCH THE BUILDING NAME (IDF-A or IDF-100, FOR BUILDINGS WITH MULTIPLE IDFS (IDF-A1, A2 or IDF-100A, 100B))
2. NUMBER TO MATCH MANUFACTURER'S PREPRINTED NUMBERS 1-48 ON PATCH PANEL

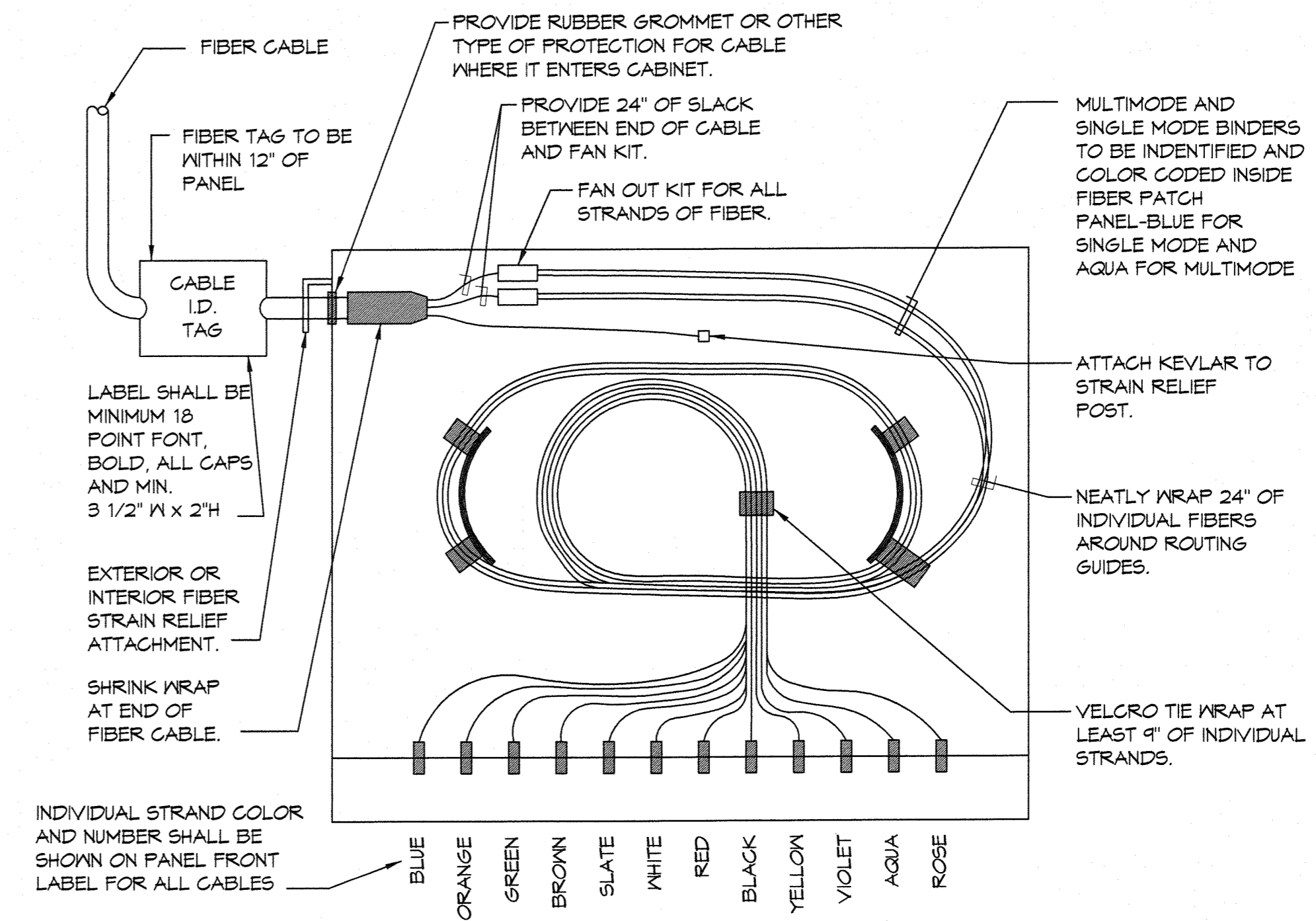
GENERAL NOTES:

1. ALL IDENTIFICATIONS SHALL BE MACHINE MADE, NO HAND WRITTEN LABELS, SEE SPECIFICATIONS, VERIFY IN WRITING ALL ROOM IDENTIFICATIONS WITH ARCHITECT PRIOR TO MAKING ANY LABELS.



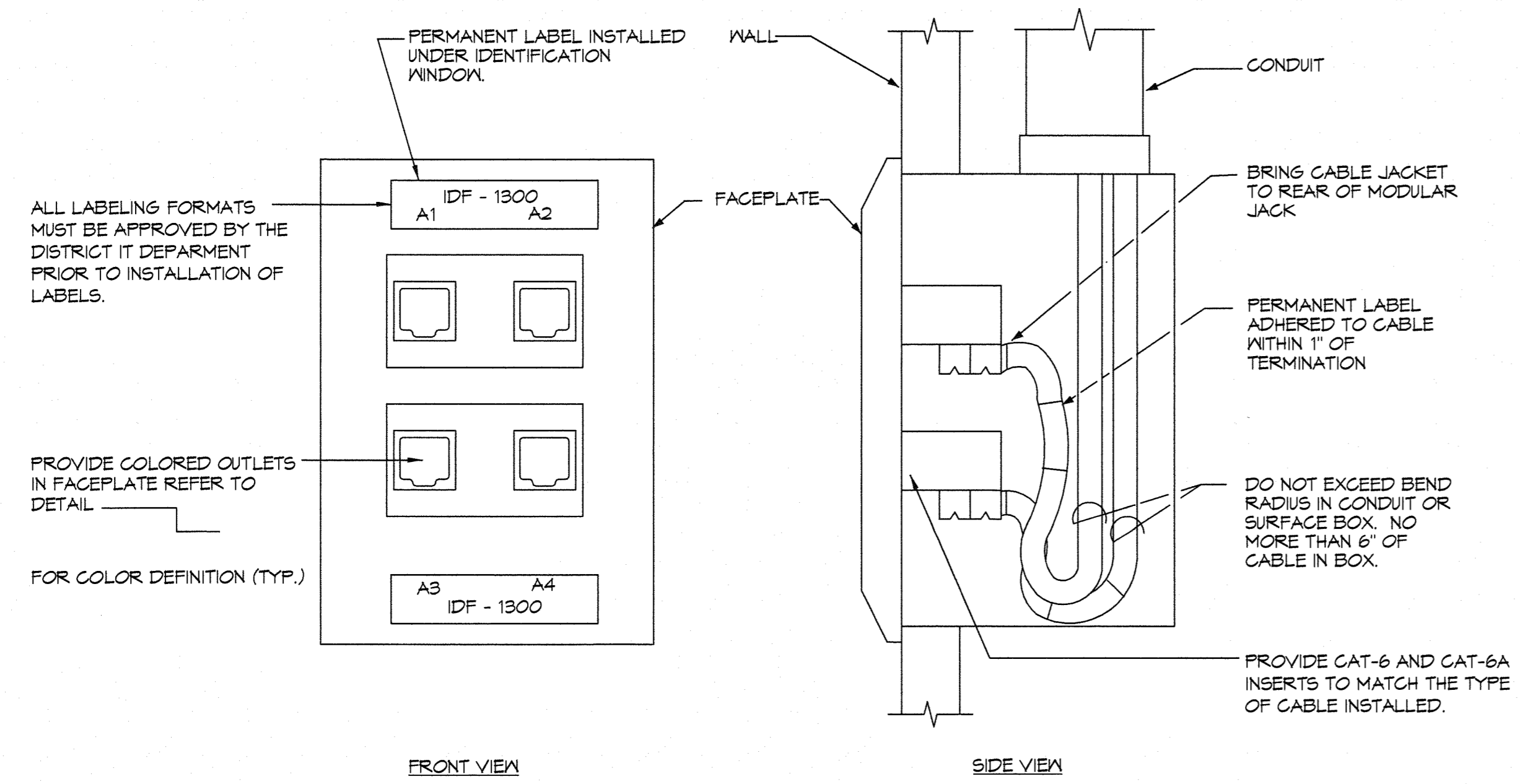
TYPICAL DATA NETWORKING LABELING REQUIREMENT
NO SCALE

3
E-4.3



TYPICAL FIBER TERMINATION DETAIL
NO SCALE

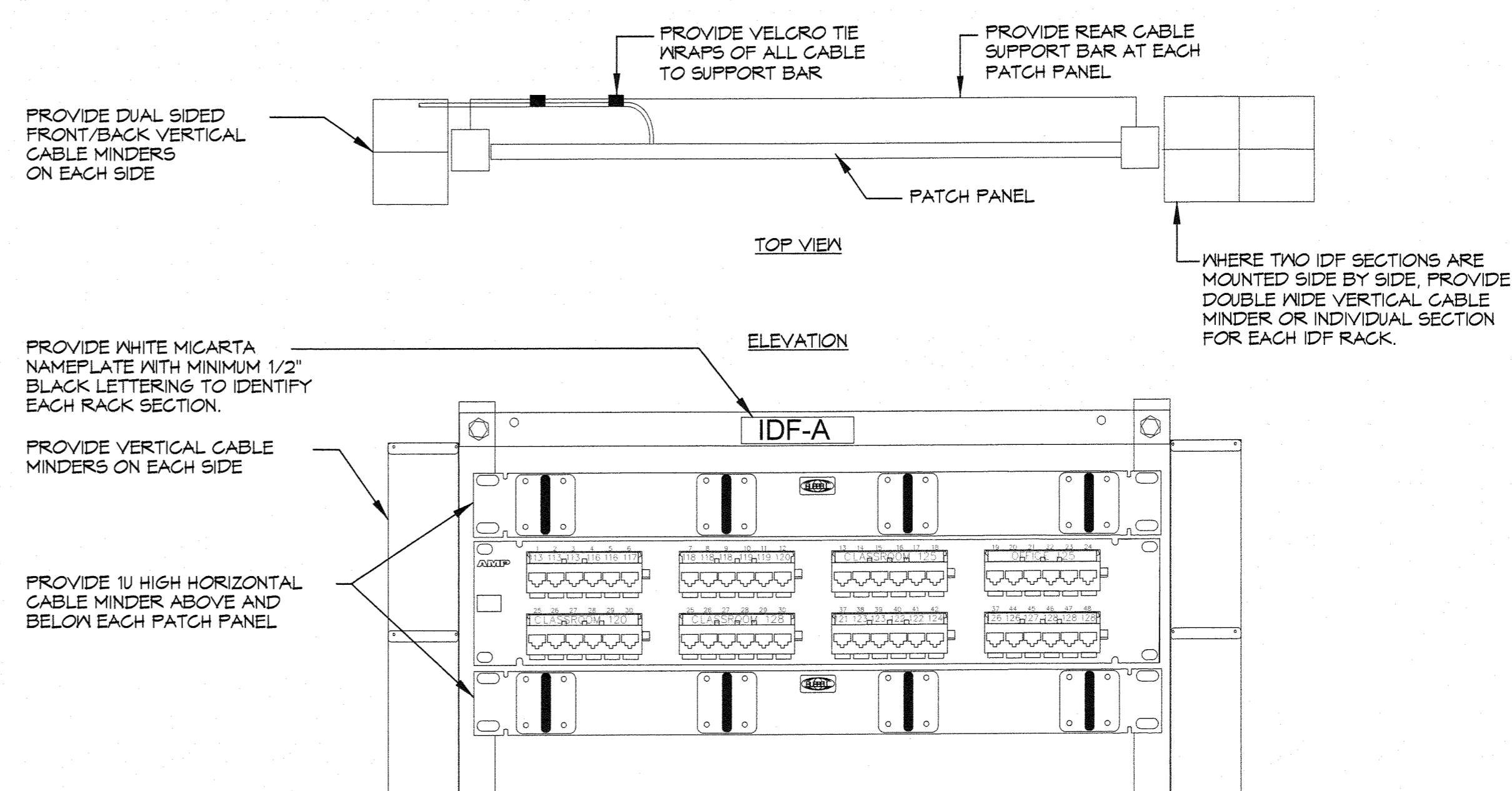
4
E-4.3



TYPICAL FACEPLATE LABELING DETAIL

NO SCALE

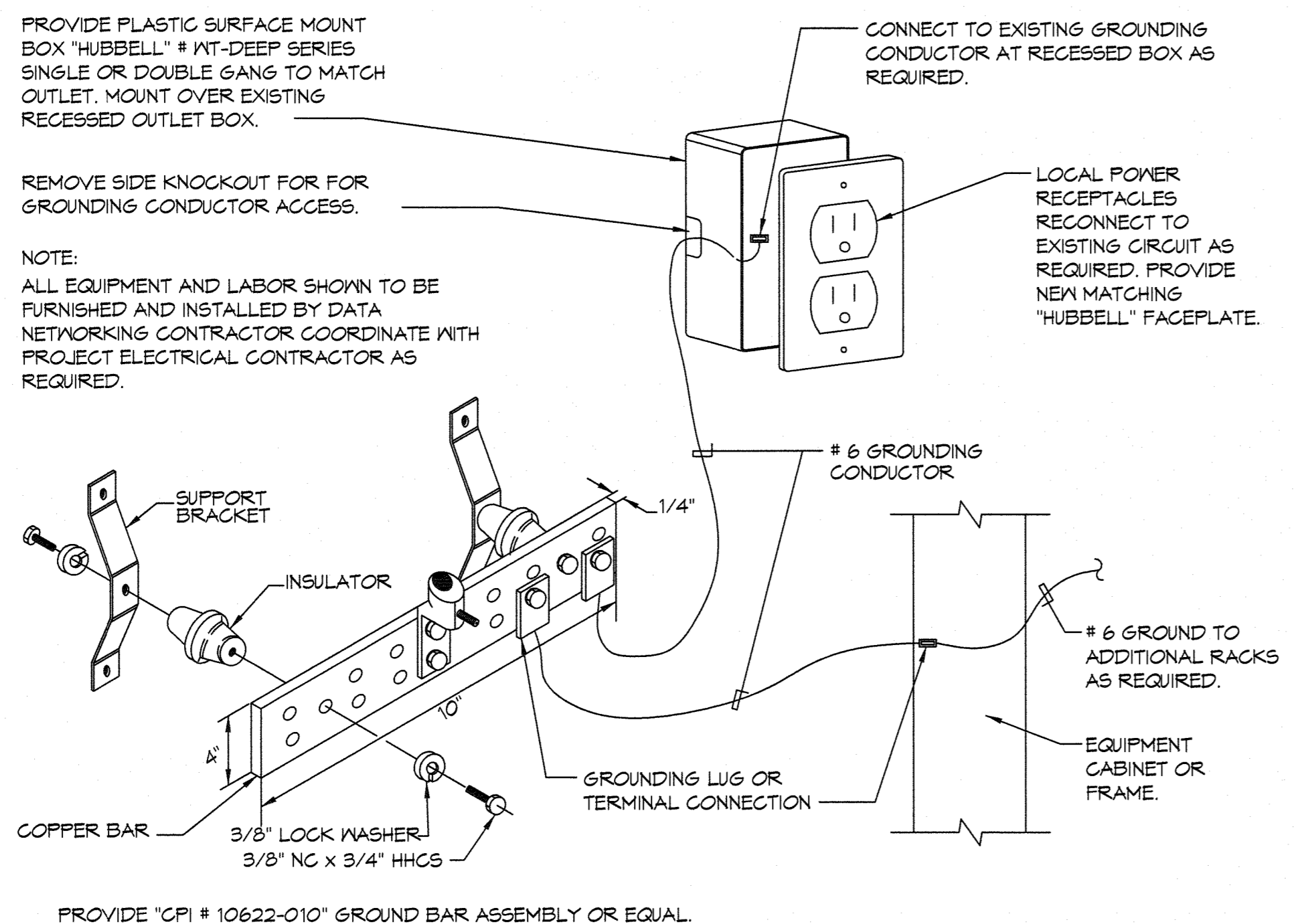
1
E-4.4



TYPICAL IDF/MDF LABELING AND CABLE SUPPOT DETAIL

NO SCALE

2
E-4.4



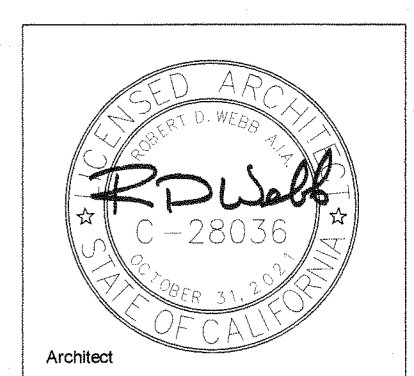
DATA/COMMUNICATIONS GROUNDING DETAIL

NO SCALE

4
E-4.4

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CHET F. HARRITT SCHOOL
PROJECT SAFE ADDITION
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COMMUNICATIONS
DETAILS

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Checked: Checker
Date:

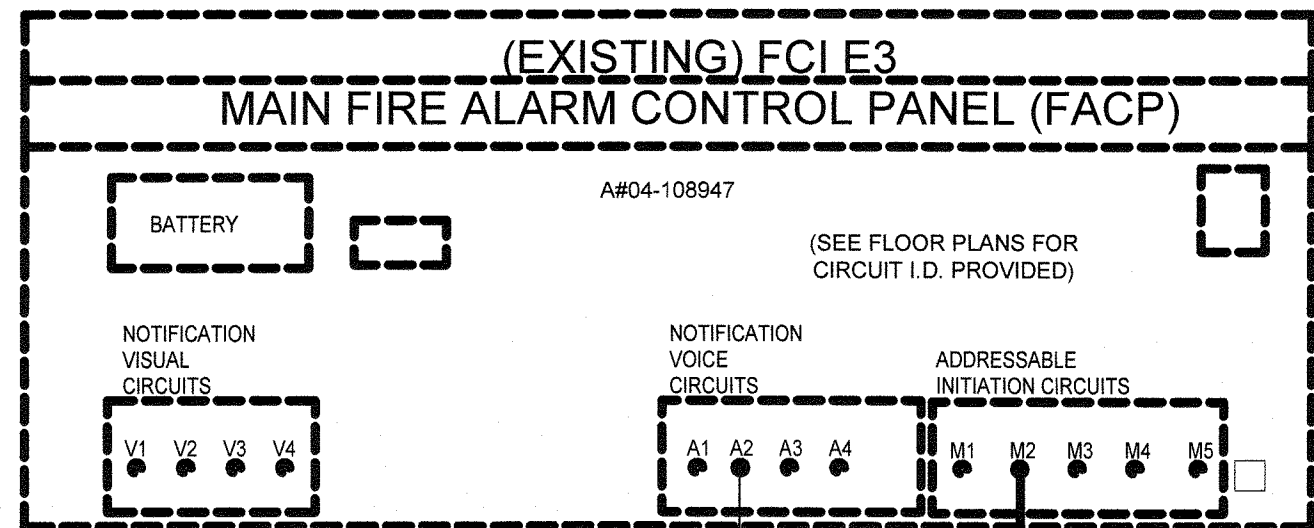
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Poway, CA 92064
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www.jce-inc.com

REGISTERED PROFESSIONAL ENGINEER
MICHAEL GUESE-HARRIS
NO. E 14781
Exp. 6-30-2021
ELECTRICAL
STATE OF CALIFORNIA

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GENERAL NOTES:

- ALL WIRING INDICATED IS FOR GENERAL REFERENCE ONLY. CONTRACTOR SHALL PROVIDE ALL WIRING AND COMPONENTS NEEDED TO PROVIDE A COMPLETE OPERATIONAL SYSTEM.
- REFERENCE FLOOR PLANS FOR EXACT QUANTITY, TYPE, AND LOCATION OF ALL DEVICES.
- PROVIDE ALL SOFTWARE AND PROGRAMMING FOR A COMPLETE SYSTEM.

FCI MODEL E3				
SYM	MODEL NO.	DESCRIPTION	C.S.F.M. LISTING	MFG.
FA	GFPS-6	FIRE ALARM POWER SUPPLY	7300-1703.0167	GAMEWELL FCI
DSM	SERIES DMS	SYNC MODULE	7300-0785.0132	COOPER WHELOCK
		BATTERIES		
S	ASD-PL2F	INTELLIGENT SMOKE DETECTOR	7272-1703.0121	GAMEWELL FCI
	B210LP	SENSOR BASE	7300-1653.0109	SYSTEM SENSOR
HA	ATD-HL2F	INTELLIGENT HEAT DETECTOR (ABOVE CEILING)	7270-1703.0115	GAMEWELL FCI
	B501	SENSOR BASE	7300-1653.0109	COOPER WHELOCK
HC	ET1010	EXTERIOR SPEAKER W/WBB BACKBOX	7320-0785.0105	COOPER WHELOCK
	LSTC	STROBE (15/30/75/110) cd (CEIL MNT)	7125-0785.0180	COOPER WHELOCK
	LSPSTC	SPEAKER/STROBE - CEILING	7125-0785.0178	COOPER WHELOCK
M	AMM-2F	ADDRESSABLE MONITOR MODULE	7300-1703.0102	GAMEWELL FCI
R	AQM-2RF	ADDRESSABLE RELAY MODULE	7300-1703.0102	GAMEWELL FCI
	RIC-1	120 VOLT RELAY MODULE	7300-1004.0101	SAE INC
	TYPE FPL	SIGNAL LINE CIRCUIT CONDUCTORS (1M)	7161-0859.0101	WEST PENN
	TYPE THHN	AUDIO VISUAL AND POWER CONDUCTORS (AV/P)	N/A	SOUTHWIRE

* IF OTHER MANUFACTURER IS USED IT IS TO BE UL AND CSFM LISTED

FIRE ALARM MONITORING NOTE:

- AUTOMATIC FIRE ALARM SYSTEMS SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION AS REQUIRED BY NFPA 72 AS AMENDED BY CFC SECTION 401. THE SUPERVISING STATION SHALL BE LISTED AS EITHER UJFX OR UJJS BY UNDERWRITERS LABORATORY OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011. SUPERVISION OF SYSTEM AND LEASED TELEPHONE LINES SHALL BE ARRANGED BY OWNER.

FIRE ALARM GENERAL REQUIREMENTS:

- THE COMPLETE INSTALLATION SHALL BE REVIEWED AND APPROVED BY THE ABOVE LOCAL MANUFACTURERS REPRESENTATIVE. SEE SPECIFICATIONS (28 30 00), FOR ADDITIONAL CONTRACTOR QUALIFICATIONS AND REQUIREMENTS.
- UNLESS OTHERWISE NOTED SOLID LINES BETWEEN DEVICES SHALL BE 1" E.M.T. ROUTED CONCEALED ABOVE CEILINGS OR IN WALLS. DASHED LINES INDICATE 3/4" P.V.C. UNDERGROUND CONDUIT. ALL WIRING TYPES AND QUANTITIES SHOWN ARE FOR INFORMATION ONLY. THE CONTRACTOR SHALL PROVIDE ALL WIRING AS REQUIRED TO MAKE A FULLY OPERATIONAL SYSTEM. SHOP DRAWINGS AND OR AS-BUILT DOCUMENTS SHALL INDICATE ALL WIRING PROVIDED.
- THE AUDIBILITY OF FIRE ALARM WARNING DEVICES SHALL BE AUDIBLE THROUGH THE OCCUPANCY WITH A MINIMAL SOUND LEVEL 15 DB'S OVER THE AMBIENT NOISE LEVEL. ADD ADDITIONAL DEVICES AS REQUIRED.
- UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A REACCEPTANCE TEST OF THE ENTIRE SYSTEM SHALL BE PERFORMED IN THE PRESENCE OF THE ENFORCING AGENCY AND IN ACCORDANCE WITH SPECIFICATIONS (28 30 00). THE CONTRACTOR SHALL FURNISH 40 METERS AND ALL OTHER EQUIPMENT TO PERFORM THESE TESTS.
- ALL CONDUIT PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL PREVENT THE PASSAGE OF HEAT, SMOKE AND FIRE GASES. ALL PENETRATIONS SHALL COMPLY WITH U.L. ASSEMBLY ML-1001. REFER TO THROUGH-PENETRATION FIRESTOP DETAIL ON THE DETAIL SHEET.
- ALL OPERATING HARDWARE AT INITIATING DEVICES SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST, AND THE FORCE REQUIRED TO OPERATE SHALL BE LESS THAN 5 POUNDS.
- FIRE ALARM AUDIO DEVICES SHALL OPERATE AT EITHER 25 OR 70 VRMS AND PROVIDE TAP SETTING FROM 1/8 TO 2 WATTS AND PROVIDE EFFICIENT DESIGN FOR HIGH INTELLIGIBILITY AT A MINIMUM WATTAGE ACROSS A FREQUENCY RANGE OF 300 TO 8000 HZ.

WIRING SCHEDULE			
DES	CONDUCTOR TYPE	WIRE COLOR	CIRCUIT TYPE
M	(1) 1 PR #14 TWISTED SHIELDED	RED/BLACK/SHIELD	SIGNAL LINE CIRCUIT
A	(2) #12 THHN (UON ON CALCS)	BLUE/WHITE	NOTIFICATION APP. CIRCUIT (NAC)
V	(2) #12 THHN (UON ON CALCS)	GREEN/BLUE	NOTIFICATION APP. CIRCUIT (NAC)
P	(2) #12 THHN	RED/BLACK	POWER

MAXIMUM NUMBER OF CONDUCTORS IN TRADE SIZES OF CONDUIT OR TUBING MINIMUM CONDUIT SIZE FOR THIS PROJECT IS											
3/4"											
CONDUIT TRADE SIZE (INCHES)	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5
TYPE LETTERS	CONDUCTOR SIZE AVG. kcmil										
THWN	12	13	24	39	51	94	154	184			
THHN	10	11	18	28	35	62	104	126	160	106	136

AREA—SQUARE INCHES											
TRADE SIZE	INTERNAL DIAMETER INCHES	PERCENT REDUCTION PER NUMBER OF 18AWG TWISTED SHIELD PAIRS									
		100%	OVER 2 COND 30%	1	2	3	4	5	6	7	8
1/2	.622	.30	.12	38%	68%	99%	X	X	X	X	X
3/4	.824	.53	.21	19%	38%	57%	78%	95%	X	X	X
1	1.049	.86	.34	12%	24%	36%	48%	60%	72%	84%	96%
1 1/4	1.380	1.50	.60	7%	14%	21%	28%	35%	42%	49%	56%
1 1/2	1.610	2.04	.82	5%	10%	15%	20%	25%	30%	35%	40%
2	2.067	3.36	1.34	3%	6%	9%	12%	15%	18%	21%	24%

FIRE ALARM SEQUENCE OF OPERATION						
ACTION	DEVICE	MANUAL PULL STATION	AREA/DUCT SMOKE/HEAT DETECTOR	AC POWER FAILURE	SPRINKLER ACTIVATION TAMPER SW.	SPRINKLER ACTIVATION FLOW SW.
SOUND ALARM THROUGHOUT BLDG.		YES	YES	NO	N/A	YES
ACTIVATE RELAY FOR MONITORING		YES	YES	YES	N/A	YES
ANNUNCIATE AT PANEL AND ANNUNCIATOR		YES	YES	YES	N/A	YES
SOUND TROUBLE BUZZER		ON WIRING FAULT	ON WIRING FAULT	YES	N/A	ON WIRING FAULT
SOUND SPRINKLER BELL		NO	NO	NO	N/A	YES
REPORT TO MONITORING STATION		YES	YES	YES	YES	YES
INITIATE SHUTDOWN OF HVAC UNITS		YES	YES	NO	N/A	YES

ANNUNCIATOR ZONE SCHEDULE				
	ROOM SMOKE OR HEAT DETECTORS	ABOVE CEILING HEAT DETECTORS	SPRINKLER SYSTEM	TROUBLE INDICATION
RELOS	YES	YES	N/A	YES

NOTES:

- ALL SMOKE, CO DETECTORS, HEAT DETECTORS ABOVE CEILING DETECTORS, DUCT DETECTORS MANUAL PULL STATIONS, FLOW SWITCHES, TAMPER SWITCHES SHALL BE INDIVIDUALLY ADDRESSABLE.

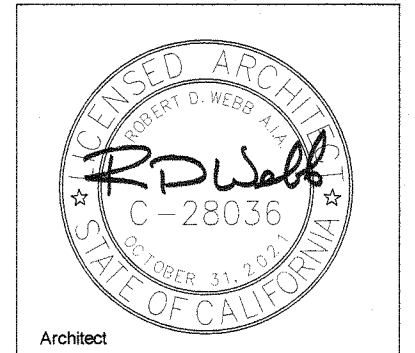
FIRE ALARM RISER
NO SCALE

1
E-5.2

IDENTIFICATION STAMP
D.M. OF THE STATE ARCHITECT
04 119 201
ACS JUN 1 10 2020

Rev. #	Description	Date

studiowc
ARCHITECTURE + ENGINEERING
615 Encinitas Blvd. Ste. 201, Encinitas, California 92024
Telephone: (760) 53-8800 Fax: (760) 452-7541



CHET F. HARRITT SCHOOL
PROJECT SAFE ADDITION
SANTEE SCHOOL DISTRICT

FIRE ALARM RISER

Drawn: Author
Checked: Checker
Date:

Job:
E-5.2

JOHNSON
CONSULTING ENGINEERS, INC.
Power | Lighting | Multimedia
Communications | Data Networking
12875 Brookprinter Place, Suite 300
Poway, CA 92064
P 858.679.4030 | F 858.513.0559
www.jce-inc.com

RECEIVED PROFESSIONAL ENGINEER
MICHAEL G. GOSSE-PAVONI
NO. E 14781
Exp. 6-30-2021
ELECTRICAL
STATE OF CALIFORNIA

3/25/2020 11:34:41 AM

(FA-C)
Remote Extender Panel
Supplementary Notification Appliance Circuit Battery Calculations

Standby Amperage				Alarm Amperage		
Type of Device Or Equipment	Qty	Current	Total	Quantity	Current	Total
Exterior Speaker @ 2 watt tap	1	0.000	0.000	1	0.02857	0.029
Dual Sync Module	0	0.000	0.000	0	0.035	0.000
15cd Wall Speaker/Strobe				0	0.030	0.000
30cd Wall Speaker/Strobe				0	0.040	0.000
75cd Wall Speaker/Strobe				0	0.115	0.000
110cd Wall Speaker/Strobe				0	0.200	0.000
				0	0.000	0.000
				0	0.000	0.000
15cd (Ceiling) Speaker/Strobe				0	0.040	0.000
30cd (Ceiling) Speaker/Strobe				0	0.058	0.000
75cd (Ceiling) Speaker/Strobe				2	0.155	0.310
95cd (Ceiling) Speaker/Strobe				0	0.258	0.000
				0	0.000	0.000
				0	0.000	0.000
15cd Wall Strobe				0	0.057	0.000
30cd Wall Strobe				0	0.085	0.000
75cd Wall Strobe				0	0.135	0.000
110cd Wall Strobe				0	0.182	0.000
135cd Wall Strobe				0	0.205	0.000
185cd Wall Strobe				0	0.253	0.000
15cd (Ceiling) Strobe				2	0.040	0.080
30cd (Ceiling) Strobe				0	0.058	0.000
75cd (Ceiling) Strobe				0	0.155	0.000
95cd (Ceiling) Strobe				0	0.258	0.000
0				0	0.000	0.000
Speaker only @ 1/4 watt tap				0	0.00357	0.000
Speaker only @ 2 watt tap				0	0.02857	0.000
Total Standby Amperage		0.000		Total Alarm Amperage		0.419

Standby Time Required
24 Hours x Total Standby Amperage = 24 x 0.000 = 0.000 Amp Hours

Alarm Time Required
.25(1.5 Min.) x Total Alarm Amperage = .25 x 0.419 = 0.105 Amp Hours

Total Required = 0.105 Amp Hours
x120% = 0.125571

Provide Battery & Minimum Battery Amp Hour Required = 5 Amp Hours

Fire Alarm Voltage Drop Calculations

Calculation Formula: Total Current x Feet x 21.6 (Voltage Drop)
Circular Mills

Circular Mills Using #10 wire = 10380
Circular Mills Using #12 wire = 6530
Circular Mills Using #14 wire = 4110
Circular Mills Using #18 wire = 1620

Voltage Drop / 24 Volts x 100 Percent = Percentage Voltage Drop

(FA-C)

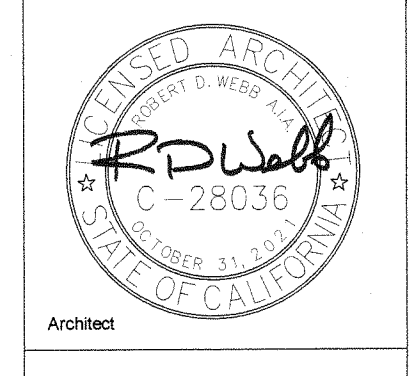
Device Type	Circuit: V1,A2		Circuit: 0		Circuit: 0		Circuit: 0		
	Devices x Current	Total Current	Devices x Current	Total Current	Devices x Current	Total Current	Devices x Current	Total Current	
Exterior Speaker @ 2 watt tap	1	0.02857	0.029	0	0.02857	0.000	0	0.02857	0.000
Dual Sync Module	0	0.035	0.000	0	0.035	0.000	0	0.035	0.000
15cd Wall Speaker/Strobe	0	0.030	0.000	0	0.030	0.000	0	0.030	0.000
30cd Wall Speaker/Strobe	0	0.040	0.000	0	0.040	0.000	0	0.040	0.000
75cd Wall Speaker/Strobe	0	0.115	0.000	0	0.115	0.000	0	0.115	0.000
110cd Wall Speaker/Strobe	0	0.200	0.000	0	0.200	0.000	0	0.200	0.000
	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
15cd (Ceiling) Speaker/Strobe	0	0.040	0.000	0	0.040	0.000	0	0.040	0.000
30cd (Ceiling) Speaker/Strobe	0	0.058	0.000	0	0.058	0.000	0	0.058	0.000
75cd (Ceiling) Speaker/Strobe	2	0.155	0.310	0	0.155	0.000	0	0.155	0.000
95cd (Ceiling) Speaker/Strobe	0	0.258	0.000	0	0.258	0.000	0	0.258	0.000
	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
15cd Wall Strobe	0	0.057	0.000	0	0.057	0.000	0	0.057	0.000
30cd Wall Strobe	0	0.085	0.000	0	0.085	0.000	0	0.085	0.000
75cd Wall Strobe	0	0.135	0.000	0	0.135	0.000	0	0.135	0.000
110cd Wall Strobe	0	0.182	0.000	0	0.182	0.000	0	0.182	0.000
135cd Wall Strobe	0	0.205	0.000	0	0.205	0.000	0	0.205	0.000
185cd Wall Strobe	0	0.253	0.000	0	0.253	0.000	0	0.253	0.000
15cd (Ceiling) Strobe	2	0.040	0.080	0	0.040	0.000	0	0.040	0.000
30cd (Ceiling) Strobe	0	0.058	0.000	0	0.058	0.000	1	0.058	0.058
75cd (Ceiling) Strobe	0	0.155	0.000	0	0.155	0.000	1	0.155	0.155
95cd (Ceiling) Strobe	0	0.258	0.000	0	0.258	0.000	0	0.258	0.000
0	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000
Speaker only @ 1/4 watt tap	0	0.00357	0.000	0	0.00357	0.000	0	0.00357	0.000
Speaker only @ 2 watt tap	0	0.02857	0.000	0	0.02857	0.000	0	0.02857	0.000
Total		0.419		Total	0.000		Total	0.213	

Circuit Length: 150
Circular mls: 6530
Volts dropped: 0.21
Percent voltage drop: 0.87%

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04 119 201
ACS PLS DS
DATE JUN 10 2020

Rev. #	Description	Date

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ARCHITECTURE + ENGINEERING
515 Encinitas Blvd., Ste. 201, Encinitas, California 92024
Telephone: (760)452-6600 Fax: (760)452-7541



CHET F. HARRITT SCHOOL
PROJECT SAFE ADDITION
SANTEE SCHOOL DISTRICT

FIRE ALARM CALCS

Drawn:
Author
Checked:
Checker
Date:

Job:
E-5.3

JOHNSON
CONSULTING ENGINEERS, INC.
Power | Lighting | Multimedia
Communications | Data Networking
12875 Brookprinter Place, Suite 300
Poway, CA 92064
P 858.679.4030 | F 858.513.0559
www.jce-inc.com

3/25/2020 11:34:42 AM

ARCHITECTURAL

⑥ General Architectural Sheets 1/4" = 1'-0"	GENERAL ARCHITECTURAL SHEETS	Sheet
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"	ARCHITECTURAL FLOOR PLANS	Sheet
☒ Floor Plans	☒ Floor Plan - 30'x32'	A1.1
	☒ Floor Plan - 40'x32'	A1.2

① Arch Floor Framing Details 1/4" = 1'-0"	ARCHITECTURAL FLOOR FRAMING DETAILS	Sheet
☒ Wood Floor		A2.9
☒ Concrete Floor		A2.9

② Wall Schedule 1/4" = 1'-0"	ARCHITECTURAL WALL DETAILS	Sheet
☒ 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		
☒ 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"	ARCHITECTURAL CEILING PLANS	Sheet	
Reflected Ceiling Plans:	☒ 30' x 32'	☒ 9 (2'x4') Recessed Light Fixture	A3.2
	☒ 40' x 32'	☒ 12 (1'x8') Pendant Light Fixture	A3.2
Ceiling Notes		☒ 9 (2'x4') Recessed Light Fixture	A3.2.1
		☒ 12 (1'x8') Pendant Light Fixture	

③ Ceiling Details 1/4" = 1'-0"	ARCHITECTURAL CEILING DETAILS	Sheet
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"	ARCHITECTURAL ROOF PLANS	Sheet
☒ Mono	☒ EPDM	A4.2.1
	☒ Standing Seam	A4.0.1
	☒ Parapet	A4.4.1
☒ Dual	☒ EPDM	A4.2.2
	☒ Standing Seam	A4.0.2

②② Roof Details 1/4" = 1'-0"	ARCHITECTURAL ROOF DETAILS	Sheet
☒ Mono	☒ EPDM	A4.3
	☒ Standing Seam	A4.1
	☒ Parapet	A4.5
☒ Dual	☒ EPDM	A4.3
	☒ Standing Seam	A4.1

⑧ Arch Building Section 1/4" = 1'-0"	ARCHITECTURAL BUILDING SECTION	Sheet
☒ Mono	☒ EPDM	A6.3
	☒ Standing Seam	A6.0
☒ Dual	☒ EPDM	A6.1
	☒ Standing Seam	A6.0.1
Section		A6.2

ARCHITECTURAL

⑬ Exterior Elevations 1/4" = 1'-0"	ARCHITECTURAL EXTERIOR ELEVATIONS	Detail	Sheet	Detail	Sheet
Exterior Elevations:		Left	Right	Front	Rear
☒ 30'x32'					
☒ Mono Slope	1 2	A5.0	5 6	A5.1	
☒ Parapet Roof - Mono Slope	3 4	A5.0	7 8	A5.1	
☒ Dual Slope	5 6	A5.0	5 6	A5.1	
☒ 40'x32'					
☒ Mono Slope	1 2	A5.0	9 10	A5.1	
☒ Parapet Roof - Mono Slope	3 4	A5.0	11 12	A5.1	
☒ Dual Slope	5 6	A5.0	9 10	A5.1	

⑭ Interior Elevations 1/4" = 1'-0"	ARCHITECTURAL INTERIOR ELEVATIONS	Detail	Sheet
Interior Elevations:		Left	Right
☒ 30'x32'		1 2	5 6
☒ 40'x32'		8 7	A5.2

MEP

⑨ Plumbing 1/4" = 1'-0"	PLUMBING	Sheet
☒ Plumbing Details and Schedules		P1.0

⑩ Mechanical 1/4" = 1'-0"	MECHANICAL	Sheet	
Mechanical Plans:		Ceiling Plan	Roof Plan
☒ 30'x32'	☒ Wall Mount	M6.1	M6.2
	☒ Roof Mount	M6.1	M6.2
☒ 40'x32'	☒ Wall Mount	M7.1	M7.2
	☒ Roof Mount	M7.1	M7.2

⑪ Electrical 1/4" = 1'-0"	ELECTRICAL	Sheet	
Reflected Ceiling Plans:	☒ 30'x32'	☒ 9 (2'x4') Recessed Light Fixture	E1.2
		☒ 12 (1'x8') Pendant Light Fixture	E1.3
	☒ 40'x32'	☒ 9 (2'x4') Recessed Light Fixture	E1.4
		☒ 12 (1'x8') Pendant Light Fixture	E1.5

⑫ Fire Sprinklers Plans 1/4" = 1'-0"	FIRE SPRINKLERS PLANS	Sheet
☒ Fire Sprinklers Drawings:	☒ Floor Plans	FS-2
	☒ Details	FS-1

NO FIRE SPRINKLER SYSTEM

STRUCTURAL

⑮ Foundations Plans 1/4" = 1'-0"	FOUNDATION	Sheet
☒ Wood Foundation Plan:	☒ 30'x32' (60+15 PSF)	F1.12
	☒ 30'x32' (100 PSF)	F1.22
	☒ 30'x32' (150 PSF)	F1.32
	☒ 40'x32' (60+15 PSF)	F1.13
	☒ 40'x32' (100 PSF)	F1.23
	☒ 40'x32' (150 PSF)	F1.33
☒ Concrete Foundation Plan		F2.10

⑯ General Structural Sheets 1/4" = 1'-0"	GENERAL STRUCTURAL SHEETS	Sheet
STRUCTURAL GEN NOTES		S0.1

⑰ Floor Framing Plans 1/4" = 1'-0"	STRUCTURAL FLOOR FRAMING PLANS	Sheet
☒ Wood Sheathing Floor:	☒ (50+15 PSF)	S1.01
	☒ (100 PSF)	S1.02
	☒ (150 PSF)	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	Sheet
☒ Wood Framing		S1.2
☒ Concrete Framing		S1.2

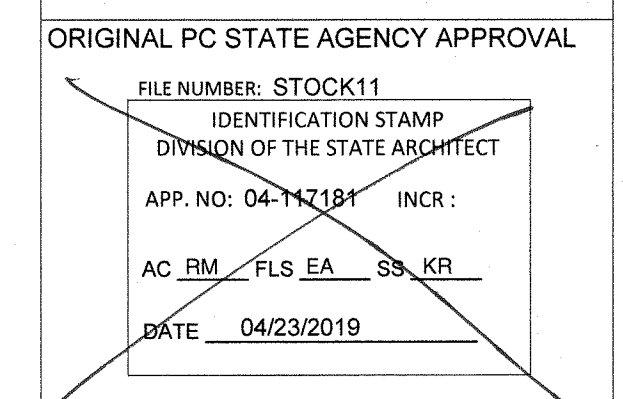
⑱ Roof Framing Plans 1/4" = 1'-0"	STRUCTURAL ROOF FRAMING PLANS	Sheet
☒ Mono Slope Roof Framing		S3.0.1
☒ Dual Slope Roof Framing		S3.0.2

⑳ Wall Framing Details 1/4" = 1'-0"	STRUCTURAL WALL FRAMING DETAILS	Sheet
☒ Wood:	☒ Framing Elevation	S4.1
	☒ Wall Details	S4.2
☒ Metal:	☒ Framing Elevation	S4.0
	☒ Wall Details	S4.3
☒ Typ Framing:		S4.4
☒ Framing Schedule:		S4.5

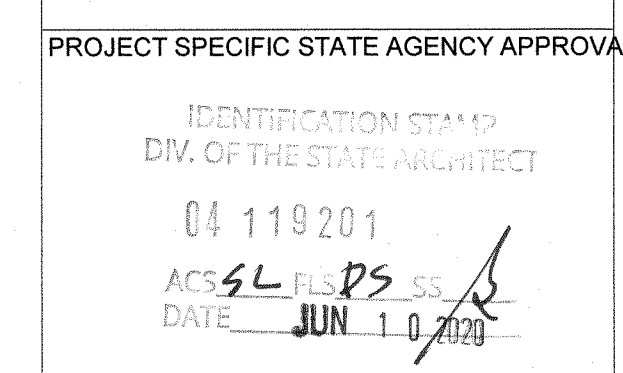
㉑ Building Section 1/4" = 1'-0"	STRUCTURAL BUILDING SECTION	Sheet
☒ Mono		S5.0
☒ Dual		S5.1



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PROJECT TITLE
30' x 32'
EXPANDABLE TO
150' x 32'



Revision Schedule		
#	Description	Date

SHEET TITLE
PROJECT OPTIONS
SCHEDULE

PROJECT NUMBER
17156

DRAWN BY
rMc/SC

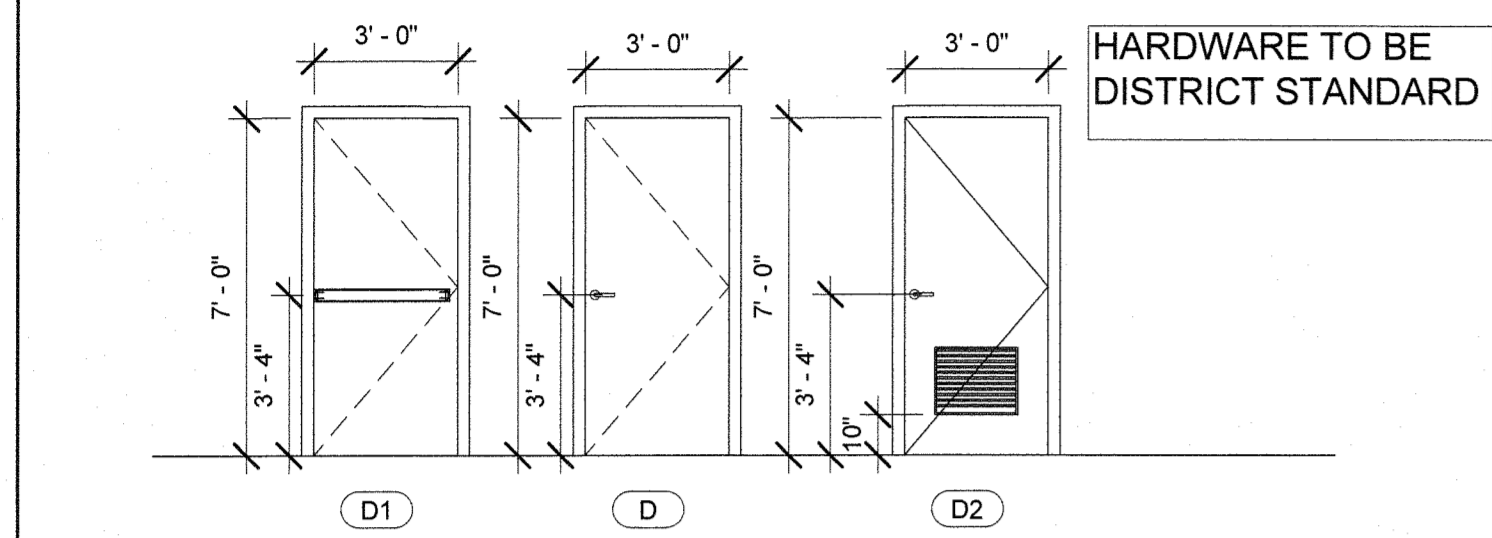
CHECKED BY
JA/RT

DATE
10.12.2018

SHEET NO.
A0.0.1

SHEET OF SHEETS

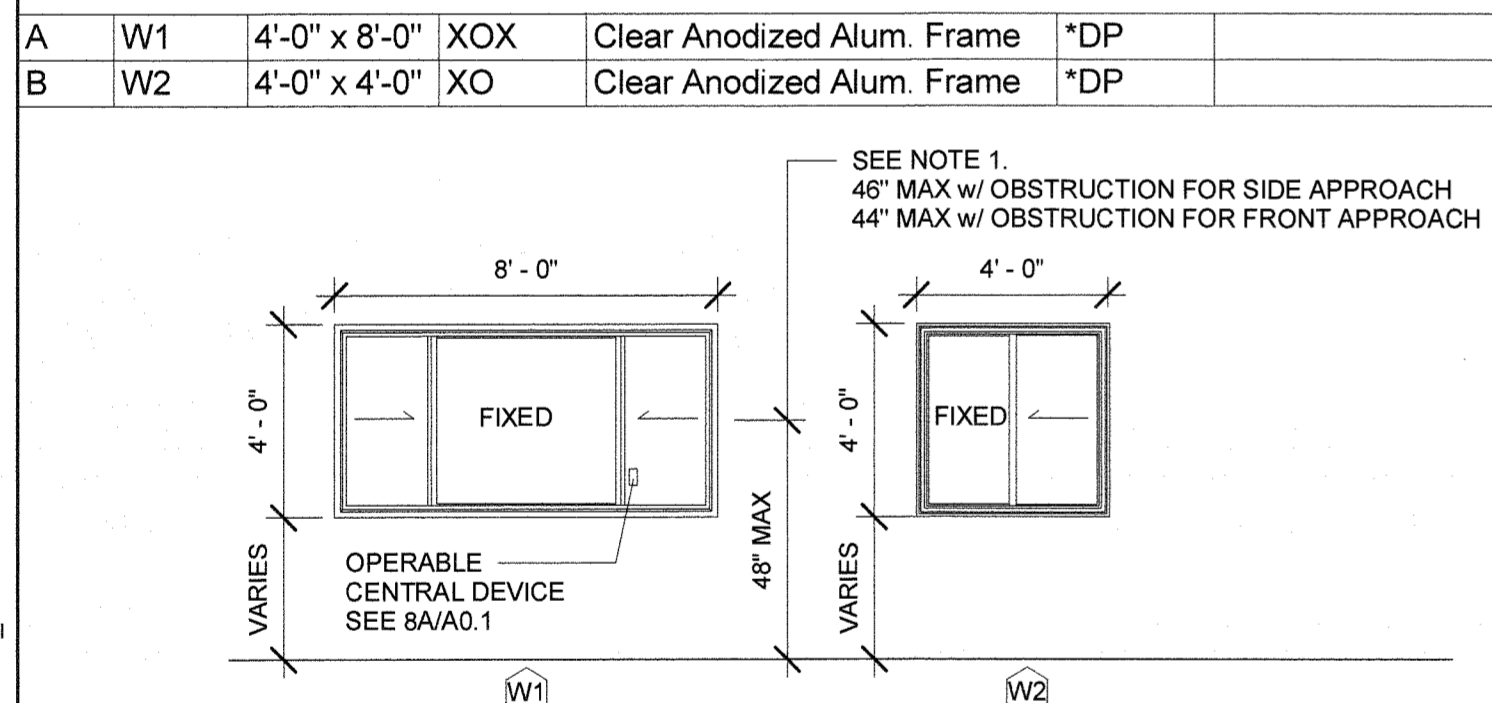
Door Schedule						
Mark	Type	Width	Height	Door Material	Frame Type	Hardware
1	D1	3'-0"	7'-0"	18GA Hollow Metal	Knock Down	HW2
2	D	3'-0"	7'-0"	18GA Hollow Metal	Knock Down	HW2
3	D	3'-0"	7'-0"	Solid Core Wood Legacy	Knock Down	HW3
4	D2	3'-0"	7'-0"	18GA Hollow Metal	Knock Down	HW1
5	D2	3'-0"	7'-0"	18GA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



- ALL DOORS SHALL COMPLY WITH CBC SECTION 11B-404 AND BE 1 3/4" THK (UNO)
- 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.
- 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.
- PER CBC 11B-309.4 THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS (22.2 N) MAX.
- 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 CLOSER 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.
- 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.
- DOOR LOCATION MAY VARY BASED ON PROJECT REQUIREMENTS.
- (PH) ON PLANS THE SHEET INDICATES REQUIRED PANIC HARDWARE.
- PROVIDE EXIT SIGNS AS REQUIRED PER CBC SECTION 1013.4. SEE DETAILS PER A0.2
- 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	



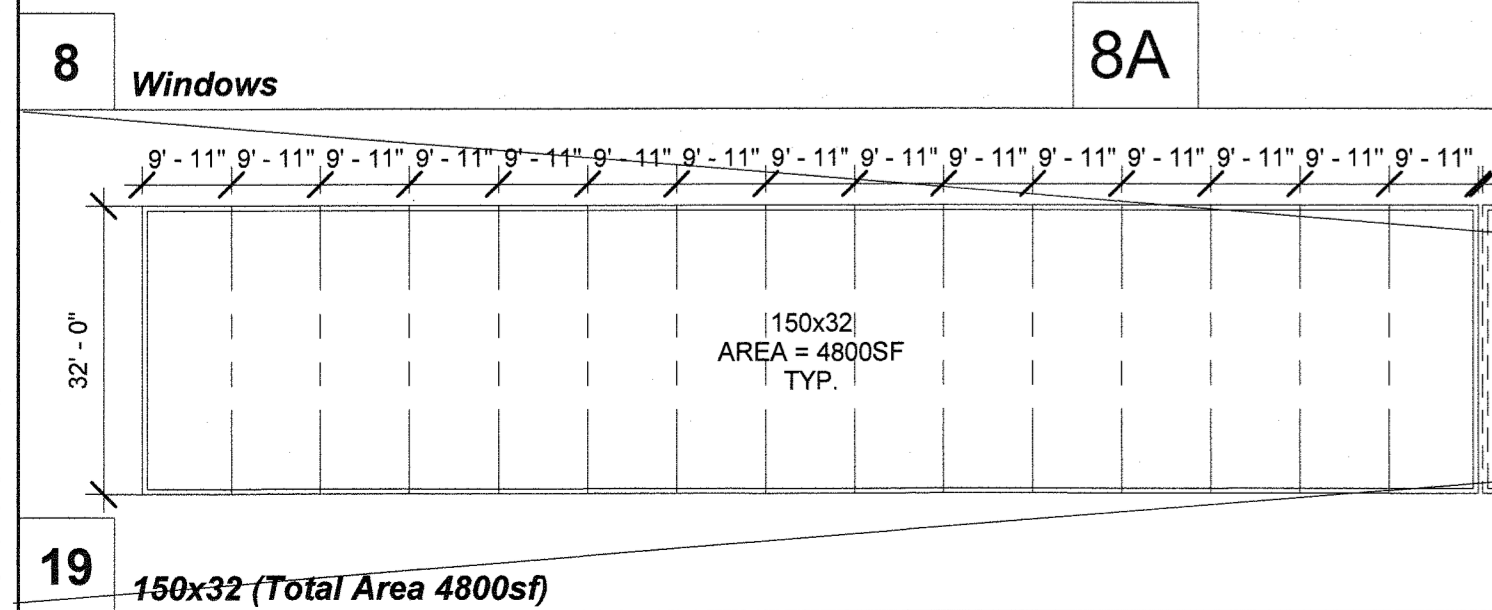
WINDOW LOCATION MAY VARY BASED ON PROJECT REQUIREMENTS.

WINDOW - 3/4" 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 1010.1.9 Education Code 17075.50.

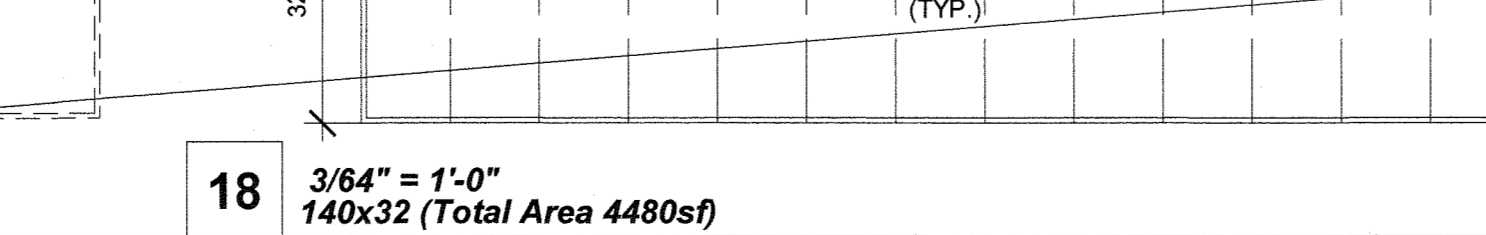
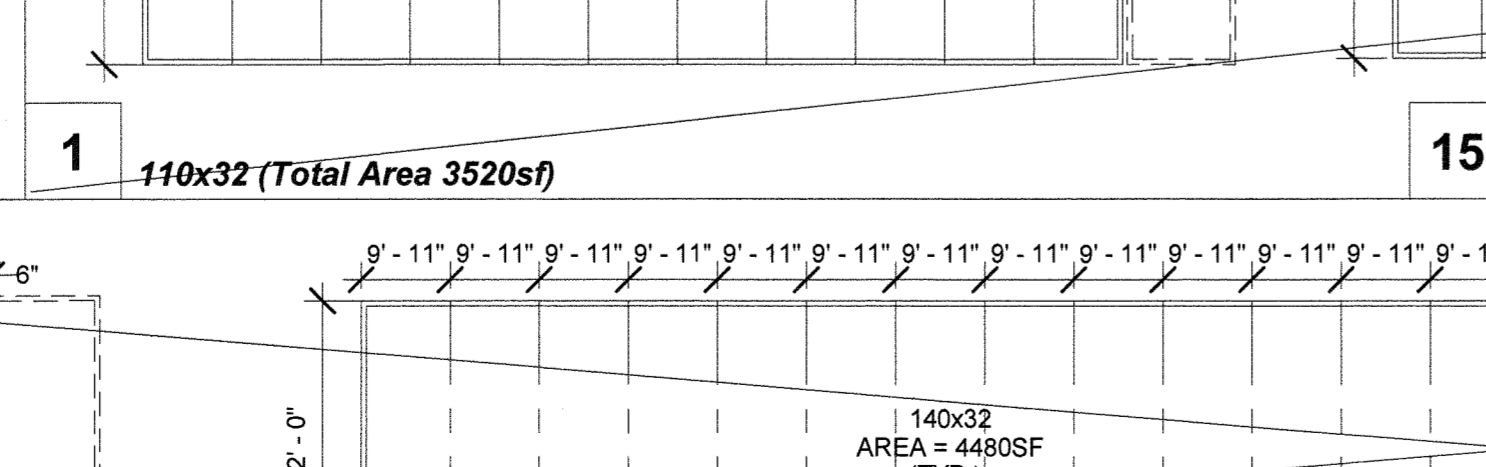
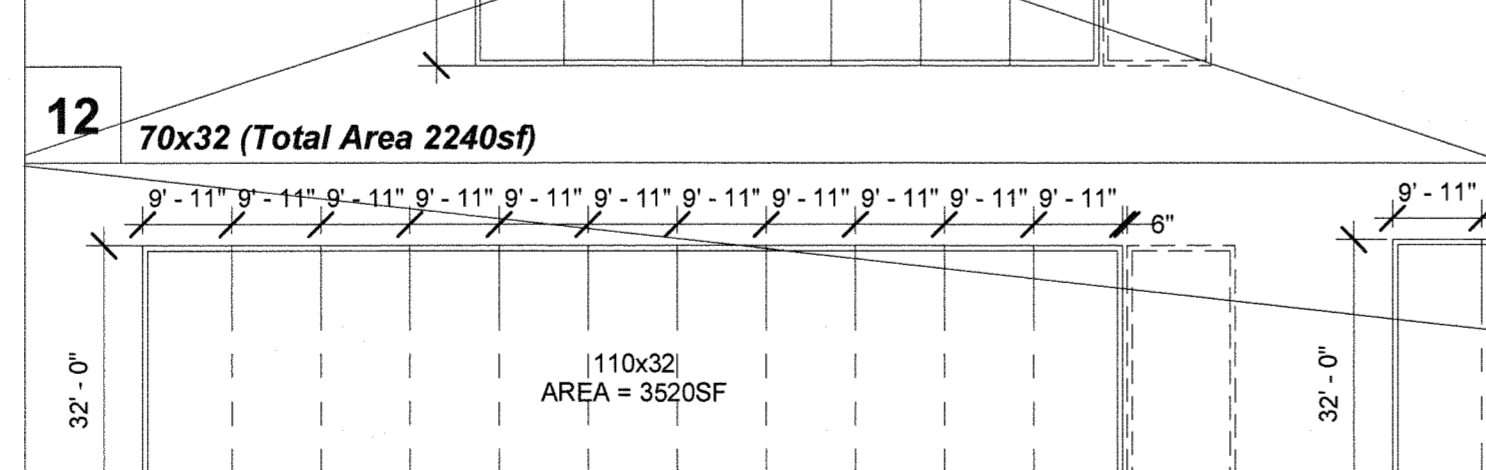
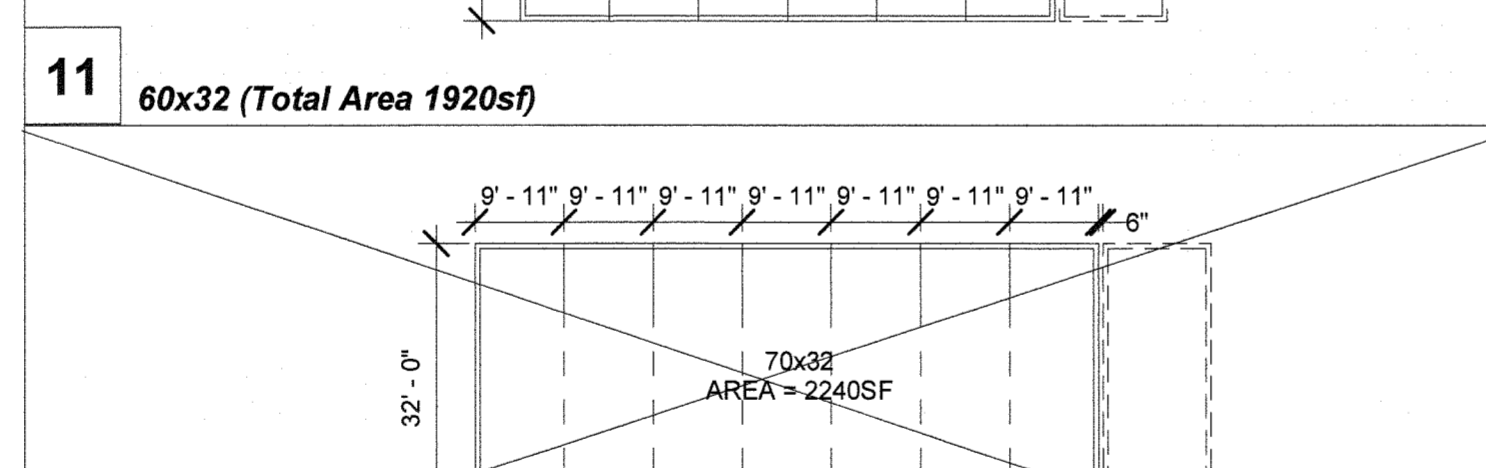
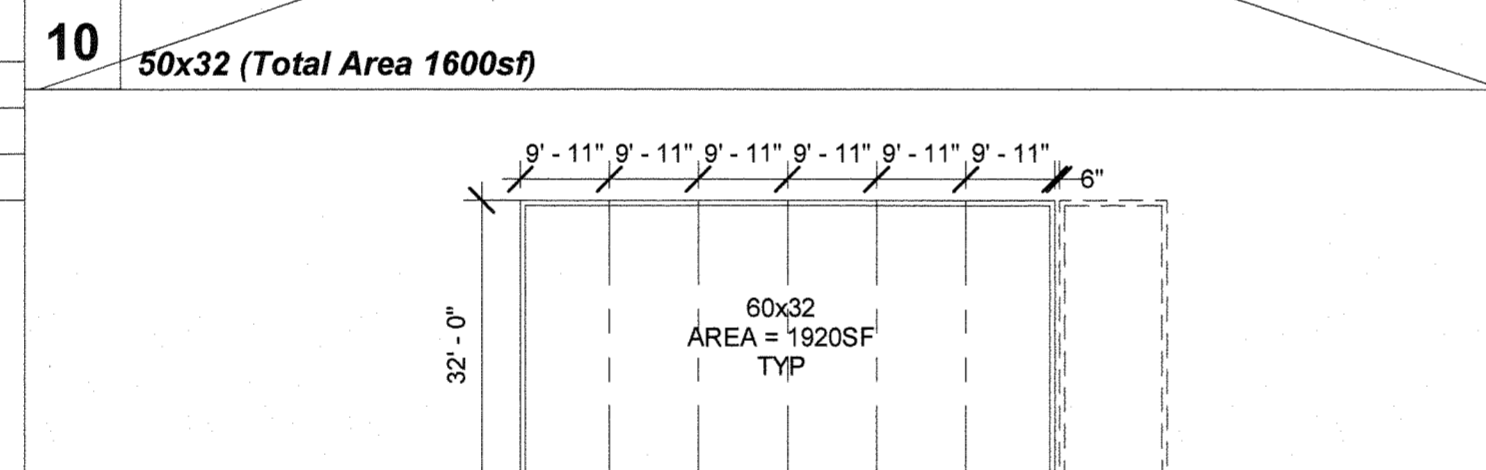
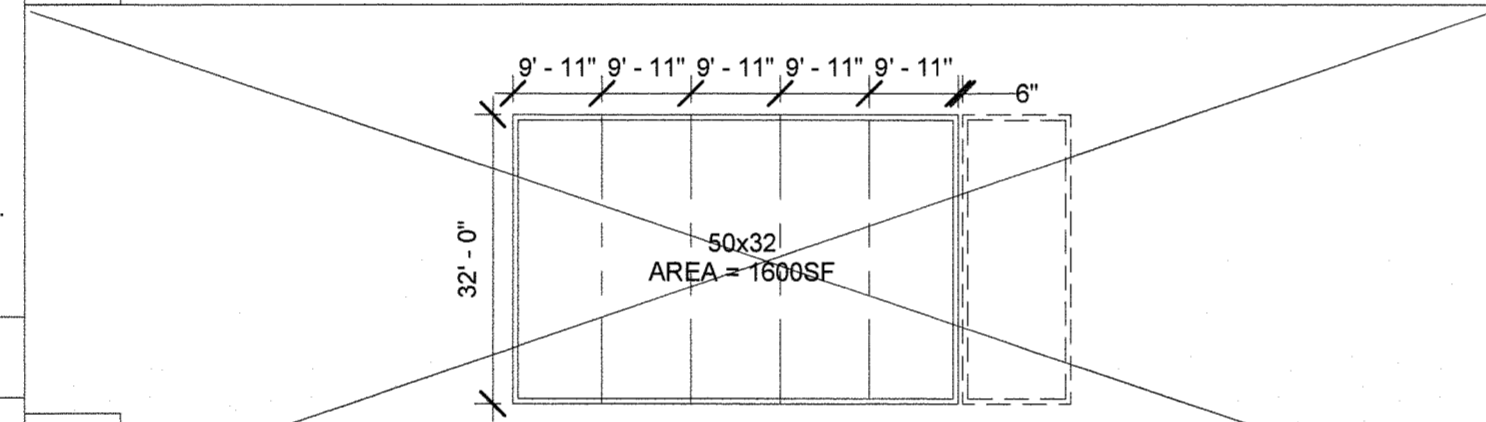
OPENING HARDWARE IN COMPLIANCE WITH SECTIONS 11B-308 FOR REACH AND 11B-309 FOR SEPERATION, TYPICAL ALL OPERABLE WINDOWS



- 110x32 (Total Area 3520sf)
- 150x32 (Total Area 4800sf)
- 3/64" = 1'-0" 140x32 (Total Area 4480sf)
- 130x32 (Total Area 4160sf)
- 120x32 (Total Area 3840sf)
- 100x32 (Total Area 3200sf)
- 90x32 (Total Area 2880sf)
- 80x32 (Total Area 2560sf)
- 70x32 (Total Area 2240sf)
- 60x32 (Total Area 1920sf)
- 50x32 (Total Area 1600sf)

- 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 Kz1 = 1.0 PER 2018 CBC
- VINYL TACKBOARD TO HAVE A CLASS 1 FLAME SPREAD RATING AND COMPLY WITH A SMOKE DENSITY OF 175
- VERIFIED ALL DIMENSIONS PRIOR TO CONSTRUCTION
- SEE INTERIOR ELEVATIONS FOR ALL REQUIRED EGRESS SIGNAGE AND FIRE ALARM SYSTEM COMPONENTS
- WHEN RELOCATING OR REMOVING INTERIOR PARTITIONS (2) EXITS OR EXIT ACCESS DOORWAYS FROM ANY SPACE SHALL BE PROVIDED. EXIT DOORS MUST BE SEPERATED 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 SEPERATED 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.
- OCCUPANCY LOAD SIGNS SHALL BE POSTING AND COMPLY WITH CBC SECTION 1004.3
- SEE ADDITIONAL PC FOR ACCESS RAMPS 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
- ALL SURFACES ADJACENT TO HANDRAILS SHALL NOT HAVE ANY SHARP, ABRASIVE, OR PROTRUDING COMPONENTS
- ALL METAL RAILINGS AND CONNECTIONS SHALL HAVE A SMOOTH SURFACE WHICH EXTENDS 8" ABOVE THE HANDRAIL
- 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
- 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

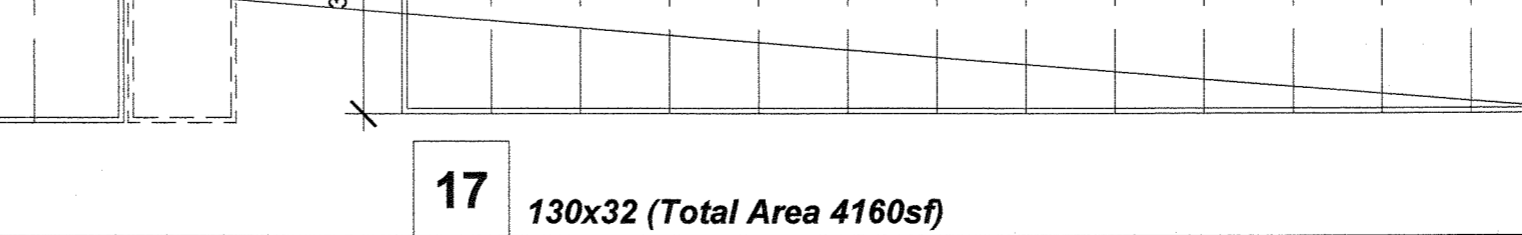
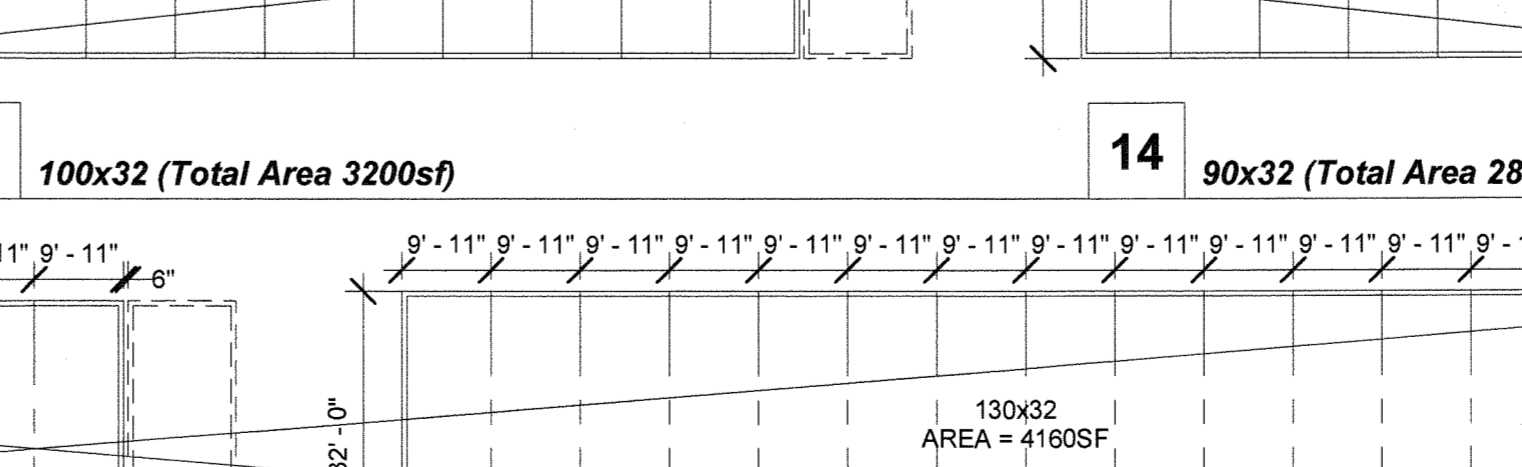
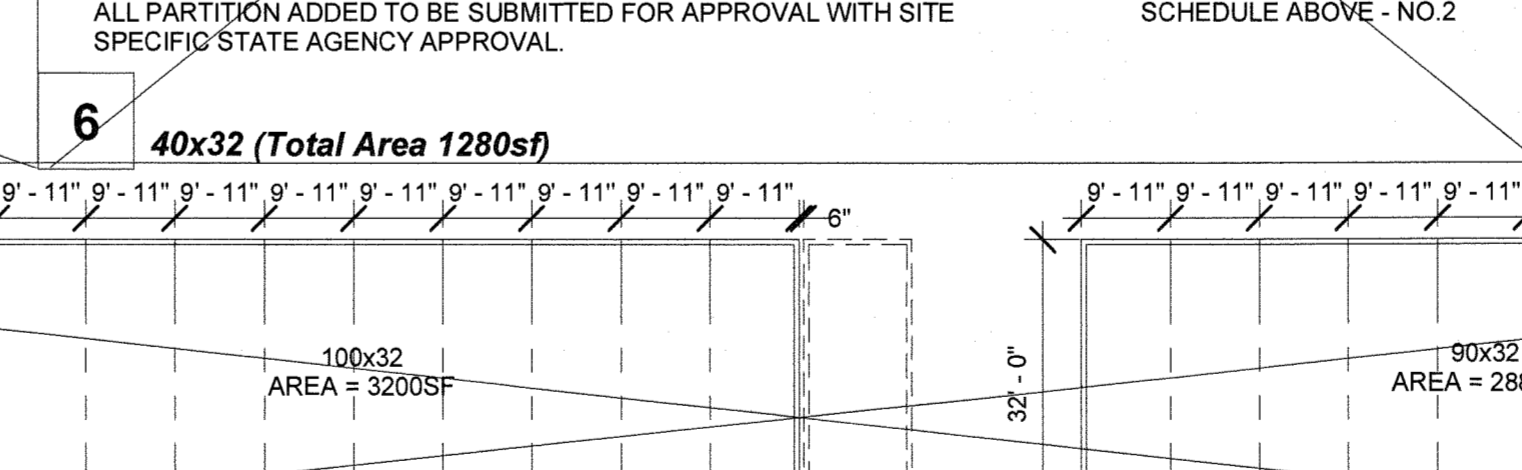
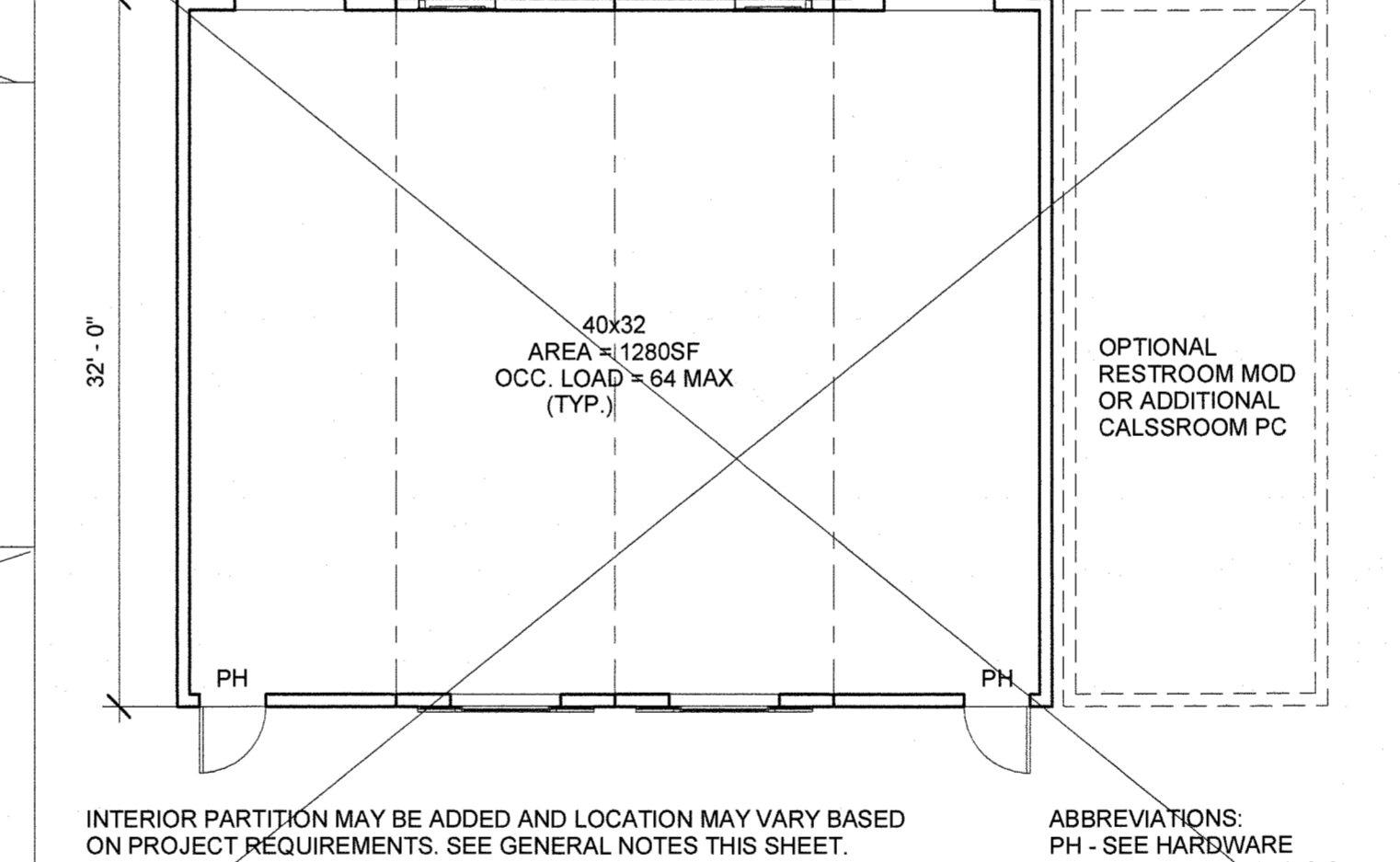


Room Number	Flooring						Wall Finish			Ceiling		Notes
	Floor	Base	Front	Left	Rear	Right	Type	Ht	Type	Ht		
CLASSROOM	Carp.	4" TS	Tack	Tack	Tack	Tack	CP	8'-6"				
CLASSROOM w/PH	SV	6" TS	FRP	FRP	FRP	FRP	CP	8'-0"				
SINGLE OCC.	SV	6" TS	FRP	FRP	FRP	FRP	CP	8'-0"				
SINGLE OCC.	SV	SC	FRP	FRP	FRP	FRP	GBP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

- Abbreviations:**
- FLOORINGS:**
- CARP: COMPLYING WITH GROUP 1; TYPE "A" OR TYPE "B"; CLASS 2; DENSITY 4500; 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)

5 Finishes and Materials

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. (b) 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.



HARDWARE SCHEDULE

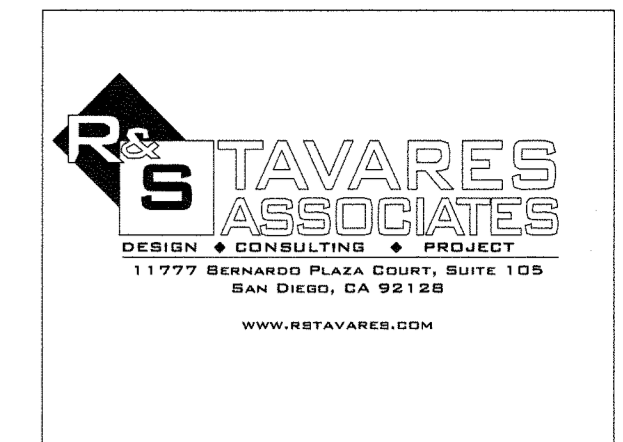
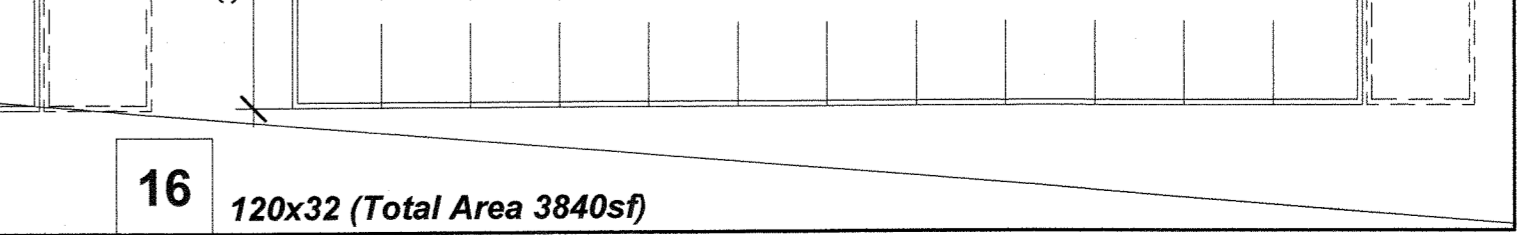
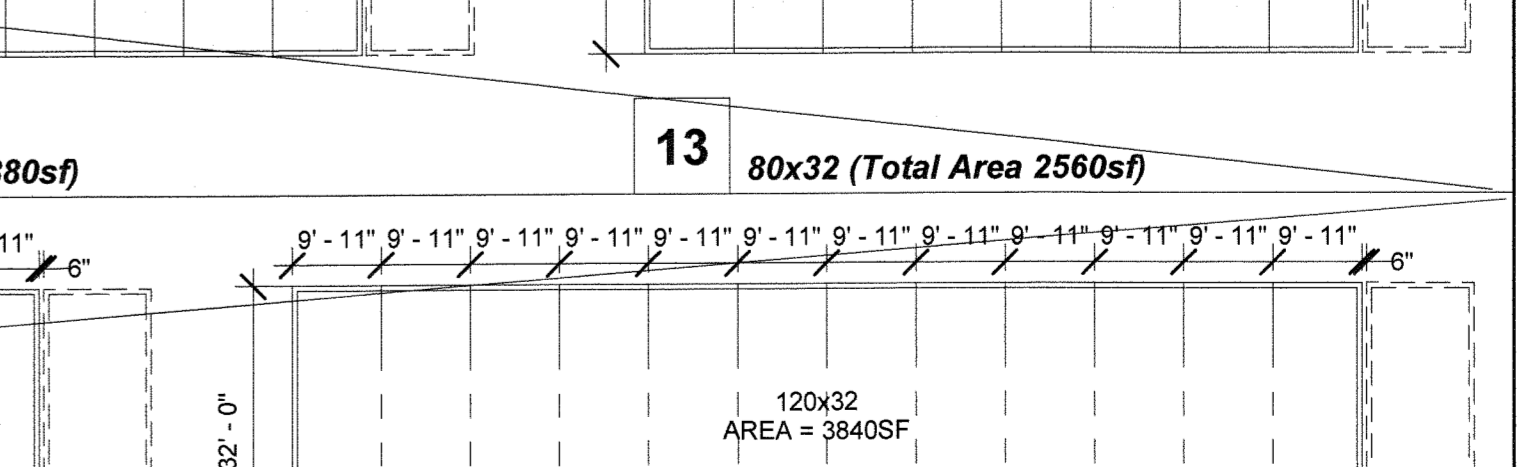
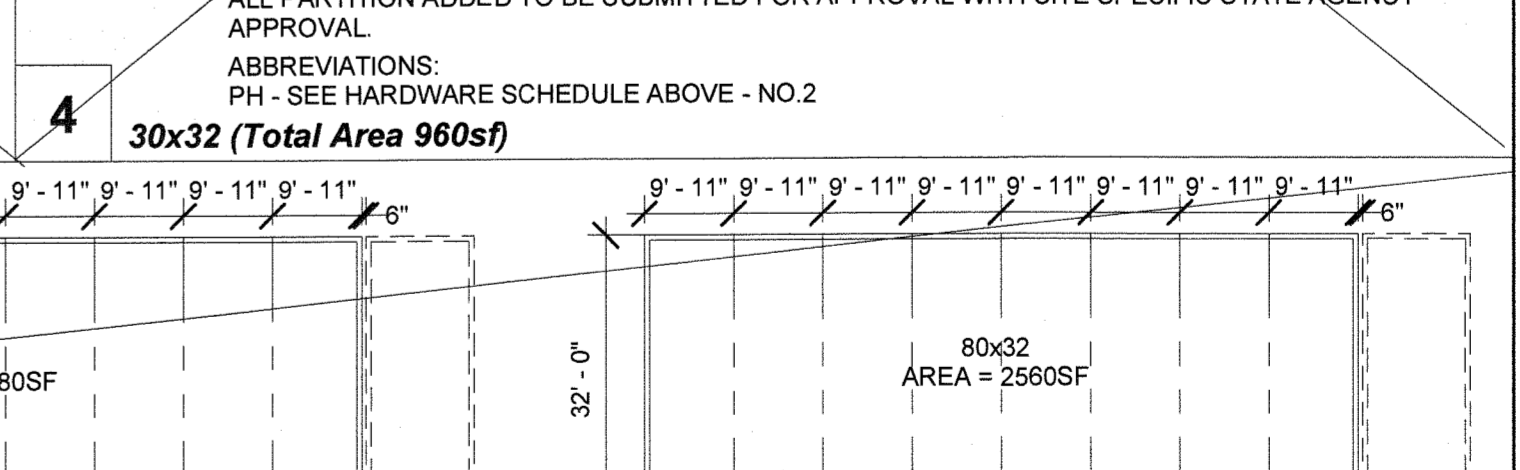
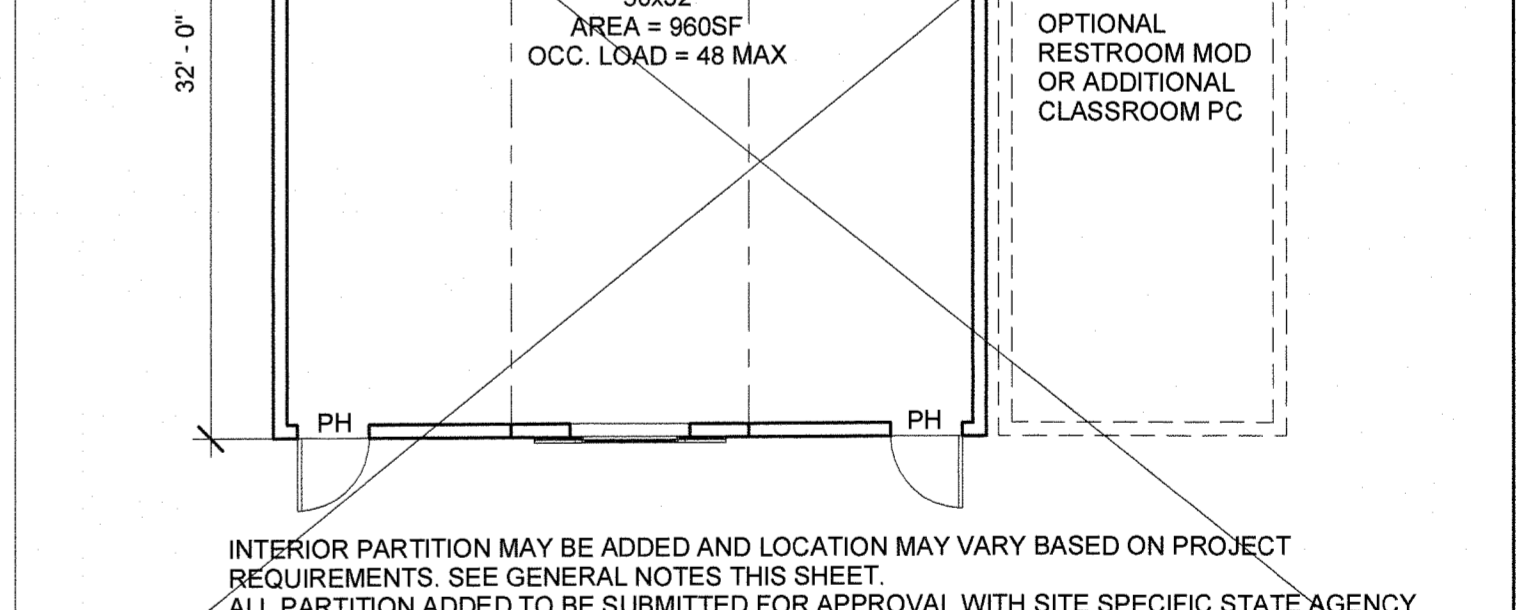
CHILD RESTROOM:	HARDWARE TO BE DISTRICT STANDARD	EXTERIOR DOOR HW-1
LOCKSET	SCHLAGE ND75PDRH0626 (cylindrical)	Finish 26D or equal
BUTTS	HAGER BB1191 4 1/2" x 4 1/2" NRP	Finish 26D or equal
WEATHER STRIP	HAGER 891SAV 3684	Finish Alum or equal
THRESHOLD	HAGER 413SA 36	Finish Alum or equal
DOOR BOTTOM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

- EXTERIOR DOOR HW-2:**
- EXIT DEVICE: VON DUPRIN 99L-2-PA-AX w/ SCHLAGE RIM (cylindrical)
 - BUTTS: HAGER BB1191 4 1/2" x 4 1/2" NRP
 - CLOSER: NORTON 8910 BFDA
 - WEATHER STRIP: HAGER 891SAV 3684
 - THRESHOLD: HAGER 413SA 36
 - DOOR BOTTOM: HAGER 783SAV 35N
- EXTERIOR DOOR HW-3:**
- LOCKSET: SCHLAGE ND75PDRH0626 (cylindrical)
 - BUTTS: HAGER BB1191 4 1/2" x 4 1/2" NRP
 - LOUVER: ANEMO 24x12
- EXTERIOR DOOR HW-4:**
- LOCKSET: SCHLAGE ND75PDRH0626 (cylindrical)
 - BUTTS: HAGER BB1191 4 1/2" x 4 1/2" NRP
- EXTERIOR DOOR HW-5:**
- LOCKSET: SCHLAGE ND75PDRH0626 (cylindrical)
 - BUTTS: HAGER BB1191 4 1/2" x 4 1/2" NRP
 - FLUSH BOLT: TBD
- EXTERIOR DOOR HW-6:**
- LOCKSET: SCHLAGE ND75PDRH0626 (cylindrical)
 - BUTTS: HAGER BB1191 4 1/2" x 4 1/2" NRP

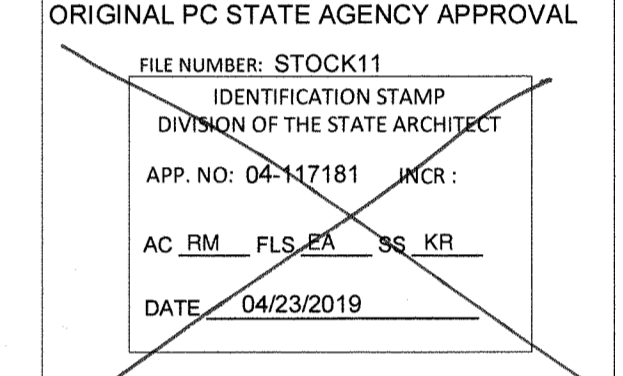
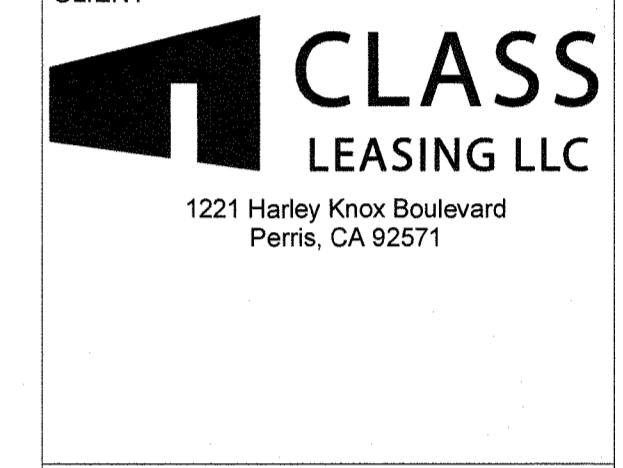
7 Door Hardware

- MOISTURE PROTECTION INSULATION:**
- MATERIAL:** INSULATING MATERIAL FOR WALLS, CEILING, AND FLOORS SHALL BE FIBERGLASS BATTS (UNFACED) & 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.):** R-11
- ROOF INSULATION (MIN.):** R-30 (EPDM) R-30 (STANDING SEAM)

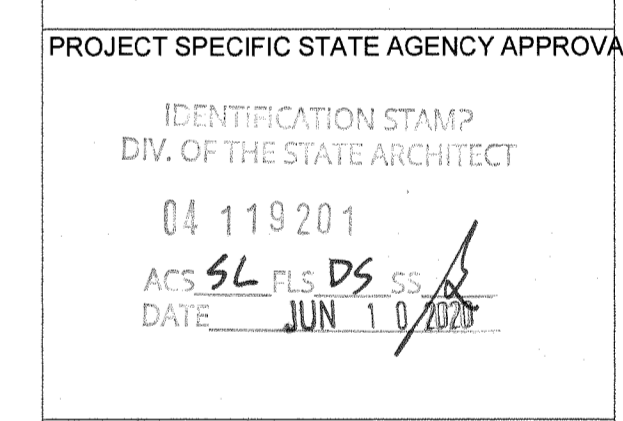
3 Insulation Specs



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PROJECT TITLE
30' x 32' EXPANDABLE TO 150' x 32'



Revision Schedule		
#	Description	Date

SHEET TITLE
TYPICAL KEY PLAN AND SCHEDULES, GEN NOTES,

PROJECT NUMBER	17156
DRAWN BY	rMc/SC/AM
CHECKED BY	JC/RT
DATE	01/31/2019
SHEET NO.	A0.1

C:\Users\User\Documents\RST\17156 - Class Leasing_30X32 PC - Mainfile - High Seismic_User.rvt 10/15/2018 5:44:08 PM

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 11: 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 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 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 "I".

703.2.5 Character Height. Character height measured vertically from the baseline of the character shall be 5/8 inch (15.9 mm) minimum and 2 inches (51 mm) maximum based on the height of the uppercase letter "I".

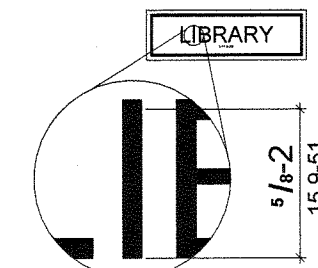


Figure 703.2.5 Height of Raised Characters

MEASUREMENT RANGE	MINIMUM IN INCHES MAXIMUM IN INCHES
Dot base diameter	0.059 (1.5 mm) to 0.063 (1.6 mm)
Distance between two dots in the same cell ¹	0.100 (2.5 mm)
Distance between corresponding dots in adjacent cells ¹	0.300 (7.6 mm)
Dot height	0.025 (0.6 mm) to 0.037 (0.9 mm)
Distance between corresponding dots from one cell directly below ¹	0.395 (10 mm) to 0.400 (10.2 mm)

¹ Measured 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.

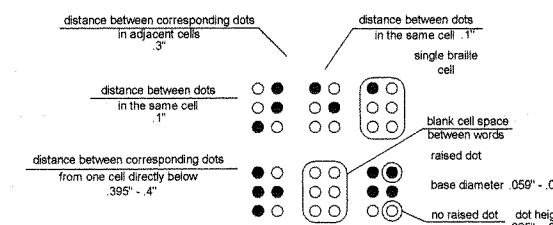


Figure 703.3.1 Braille Measurement

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.

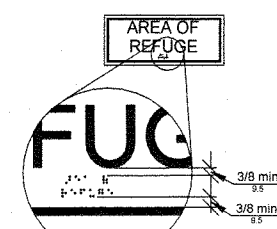


Figure 703.3.2 Position of Braille

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.

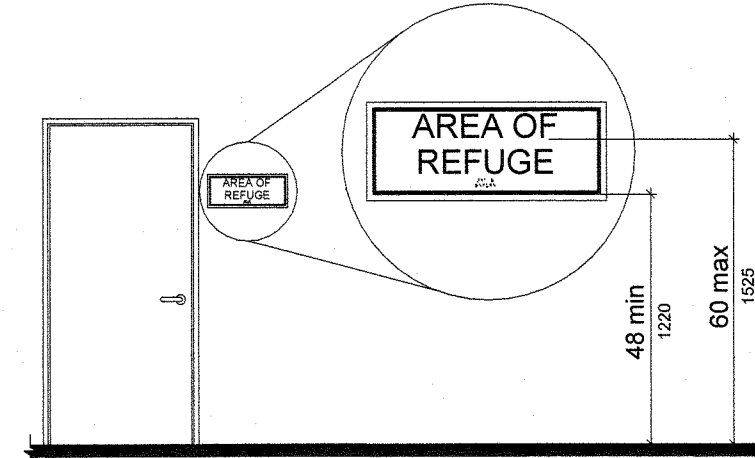


Figure 703.4.1 Height of Tactile Characters Above Finish Floor or Ground

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.

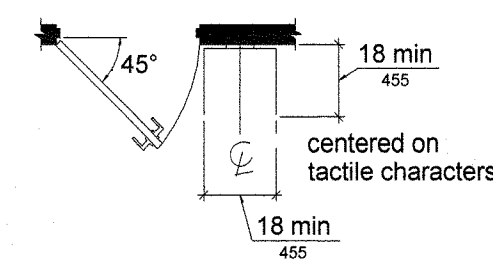


Figure 703.4.2 Location of Tactile Signs at Doors

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 "I".

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 "I".

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.

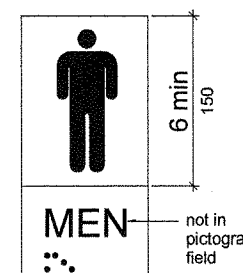
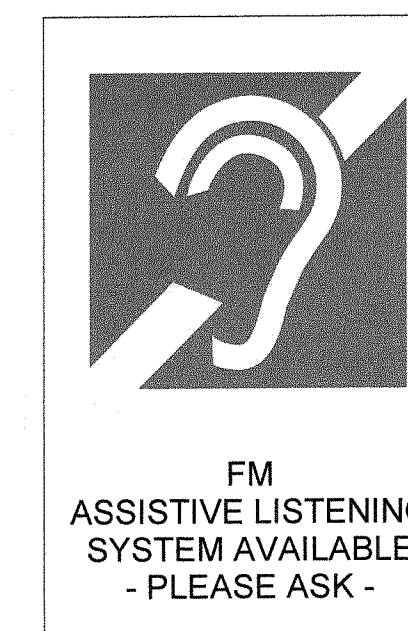
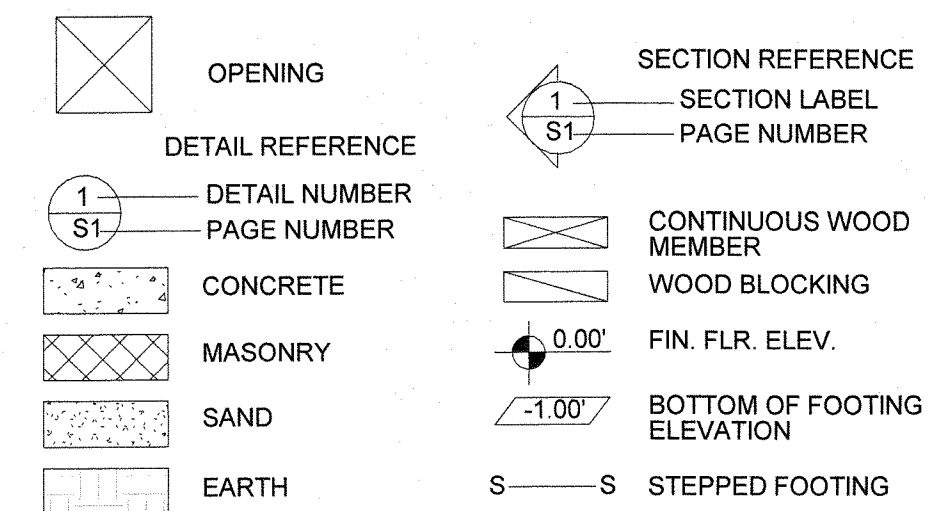


Figure 703.6.1 Pictogram Field dark-on-light.

ALL SIGNAGE SHALL BE PER ARCHITECT



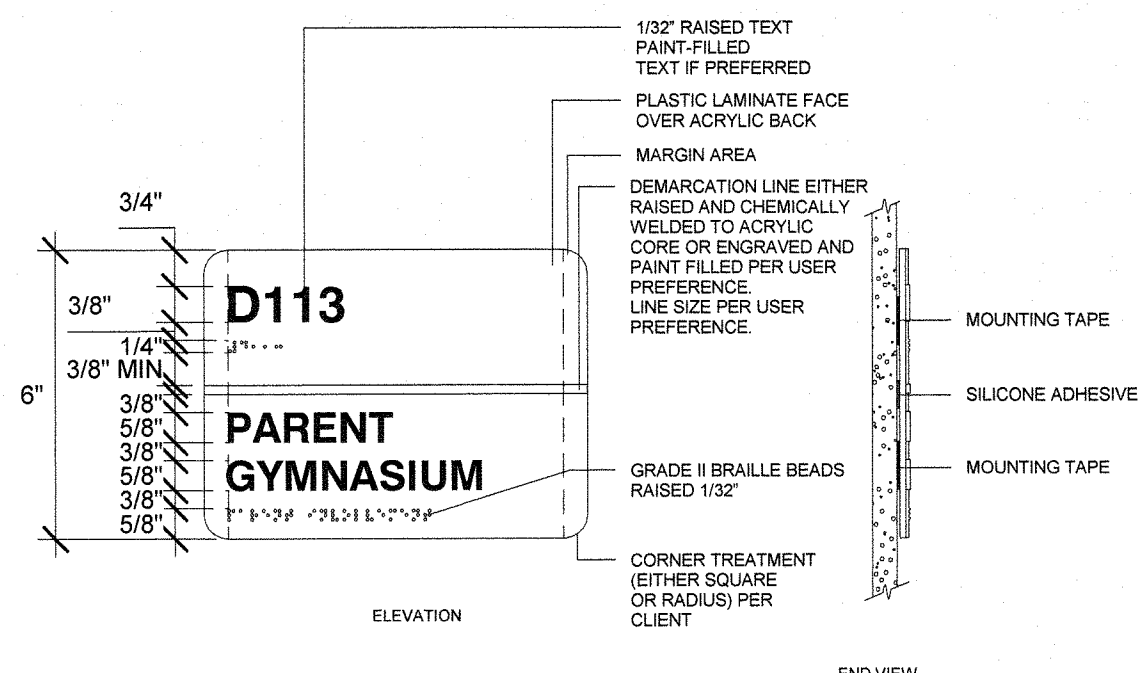
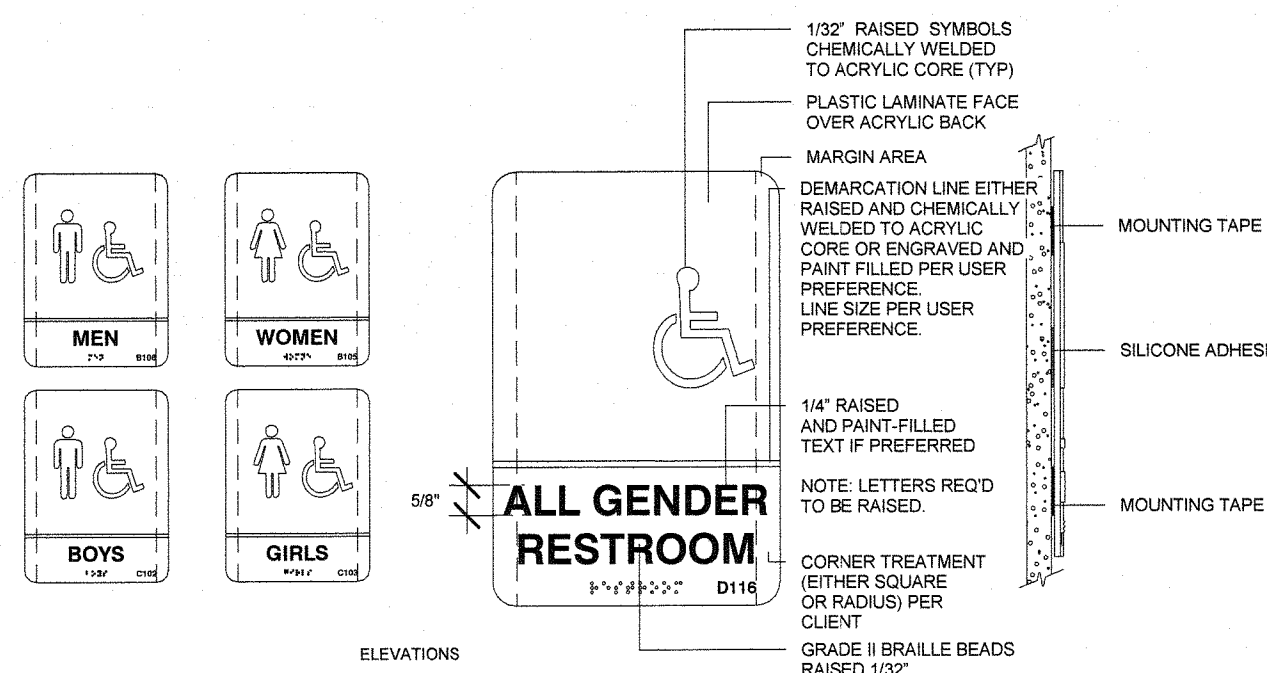
REQUIRED PER 11B-219 & 11B-706 (SEE FLOOR PLANS FOR MORE INFO)

MAXIMUM OCCUPANCY PERSONS

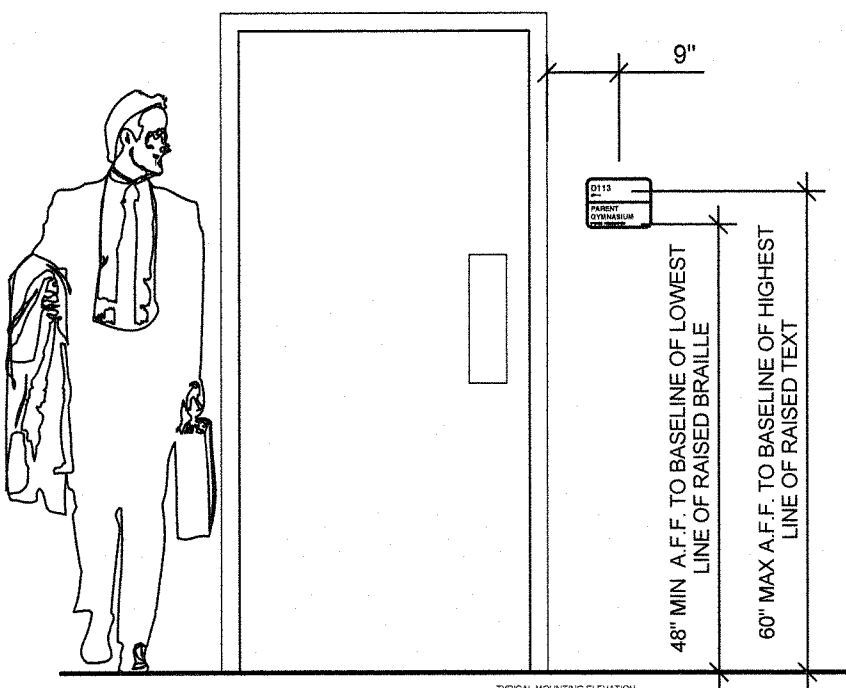
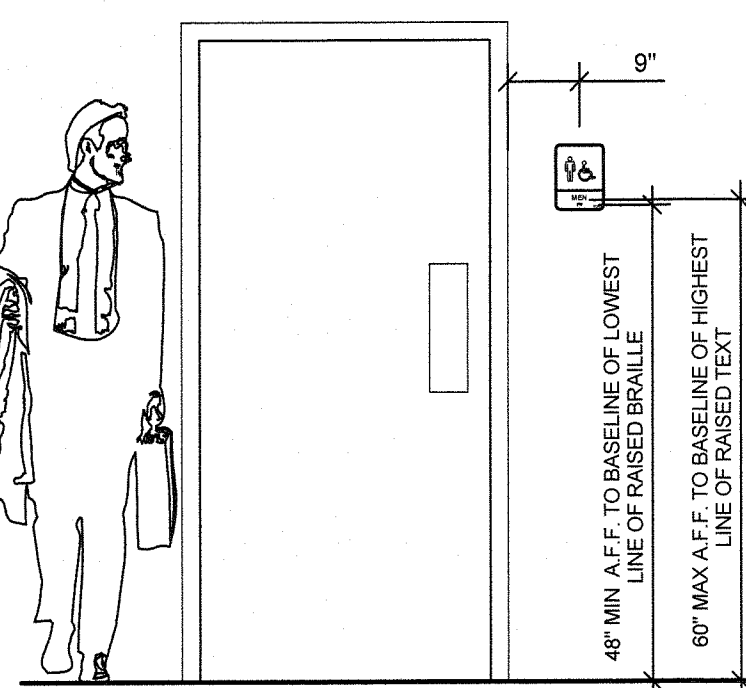
OCCUPANT LOAD SIGN REQUIRED PER DSA BU11-08.

EVERY ROOM OR SPACE WHICH IS USED FOR ASSEMBLY, CLASSROOM, DINING OR SIMILAR PURPOSES HAVING 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

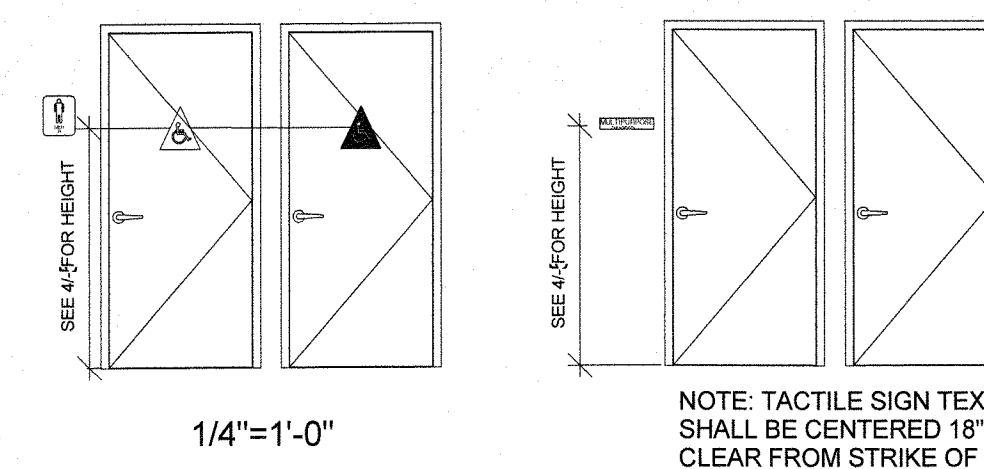
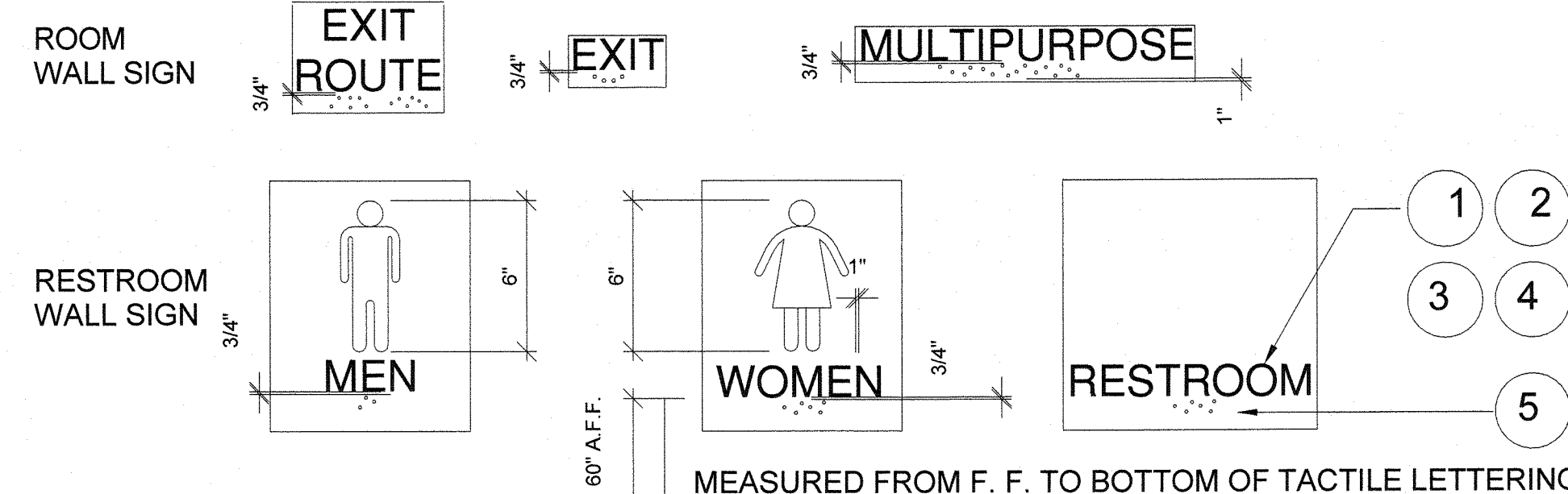
5 1/4" = 1'-0" Sign Notes



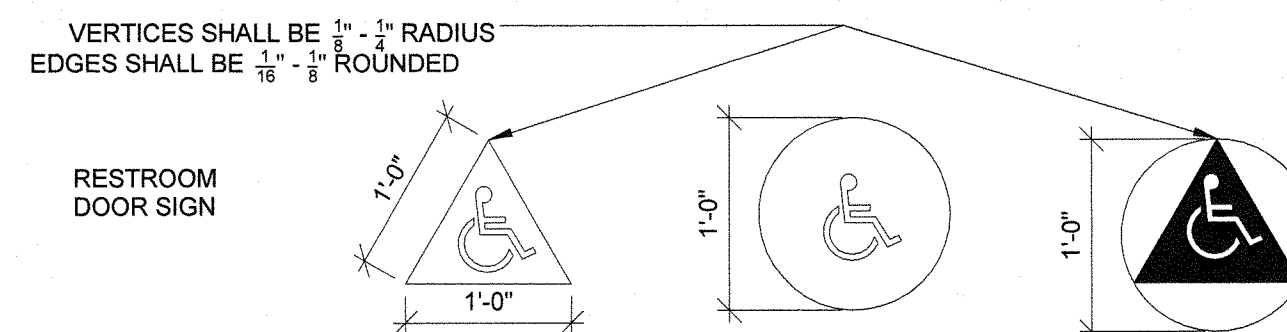
ALL SIGNAGE SHALL BE PER ARCHITECT



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



DOOR SYMBOLS: CIRCLE & TRIANGLE 1/4" THICK. 1/4" THICK TRIANGLE SHALL BE SUPERIMPOSED OVER 1/4" THICK CIRCLE AT UNISEX AND GENDER NEUTRAL RR.



- 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-703.7.2.6.1 AND 11B-703.2.2.6.2
- 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

ALL SIGNAGE SHALL BE PER ARCHITECT

PROFESSIONAL STAMP



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

ORIGINAL PC STATE AGENCY APPROVAL

FILE NUMBER: STOCK11
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APP. NO. 04-117181 INCR.
AC RM FLS EA SS KR
DATE 04/23/2019

PROJECT TITLE 30' x 32' EXPANDABLE TO 150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 119201
ACS FLS DS SS
DATE JUN 1 9 2020

Revision Schedule # Description Date

SHEET TITLE SIGNAGE AND SYMBOLS

PROJECT NUMBER 17156

DRAWN BY rMc/SC

CHECKED BY JA/RT

DATE 10.12.2018

SHEET NO. A0.2

SHEET OF SHEETS



DSA-103 List of Required Structural Tests & Special Inspections - 2016 CBC

Increment #, DSA File No., Application No., Date Submitted, Revised

School Name, District

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.

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPLETE" button to show only the tests and inspections finally selected. For more information on use of this form, see DSA-103-INSTR.

Note: References are to the 2016 edition of the California Building Code (CBC) unless otherwise noted.

Table with columns: TEST OR SPECIAL INSPECTION, TYPE, PERFORMED BY, CODE REFERENCE AND NOTES. Includes sections for SOILS, CONCRETE, MASONRY, STEEL, ALUMINUM, STRUCTURAL STEEL, WELDING, and WOOD.

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.



DSA-103 List of Required Structural Tests & Special Inspections - 2016 CBC

Increment #, DSA File No., Application No., Date Submitted, Revised

School Name, District

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.

INSTRUCTIONS: Click a plus sign (+) before any category or subcategory to reveal additional tests and special inspections. A shaded box indicates a test or special inspection that may be required, depending on the scope of the construction and other issues. A shaded box can be clicked indicating your selection of that test. Note: A minus (-) on a category or subcategory heading indicates that it can be collapsed. However, any selections you may have made will be cleared. Click on the "COMPLETE" button to show only the tests and inspections finally selected. For more information on use of this form, see DSA-103-INSTR.

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* SOILS ITEMS 1, GENERAL-A AND 2, COMPACTED FILL-A, B, C ARE ONLY APPLICABLE AS REQUIRED BY SITE SPECIFIC GEOTECHNICAL REPORT * CONCRETE ITEM 11 POST INSTALLED ANCHORS-A, B ARE ONLY APPLICABLE IF DETAILS 3/F2.22 AND 5/F2.22 POST-INSTALLED ANCHOR OPTION IS USED

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.



DSA-103 List of Required Structural Tests & Special Inspections - 2016 CBC

Increment #, DSA File No., Application No., Date Submitted, Revised

School Name, District

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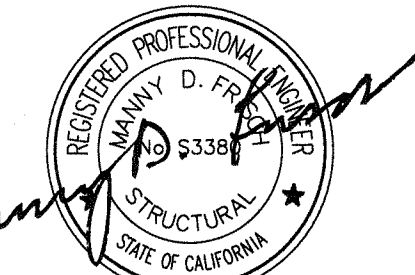
Note: References are to the 2016 edition of the California Building Code (CBC) unless otherwise noted.

Table with columns: TEST OR SPECIAL INSPECTION, TYPE, PERFORMED BY, CODE REFERENCE AND NOTES. Includes sections for SOILS, CONCRETE, MASONRY, STEEL, ALUMINUM, STRUCTURAL STEEL, WELDING, and WOOD.

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ORIGINAL PC STATE AGENCY APPROVAL FILE NUMBER: STOCK11 IDENTIFICATION STAMP DIVISION OF THE STATE ARCHITECT APP. NO. 04-117181 INCR: AC_RM_FL9_EA_SS_KR DATE: 04/23/2019

PROJECT TITLE 30' x 32' EXPANDABLE TO 150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 04 119201 ACSS FL9 DS SS DATE: JUN 1 8 2019

Revision Schedule # Description Date

SHEET TITLE DSA-103 T&I PLYWOOD FLOORS

PROJECT NUMBER 17156

DRAWN BY rMc

CHECKED BY RT

DATE 10.12.2018

SHEET NO. A0.4

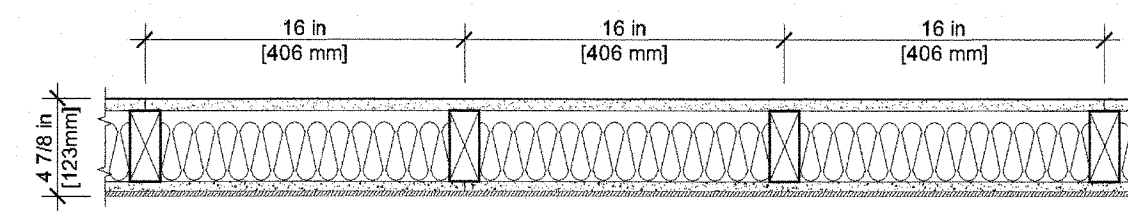
SHEET OF SHEETS

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.



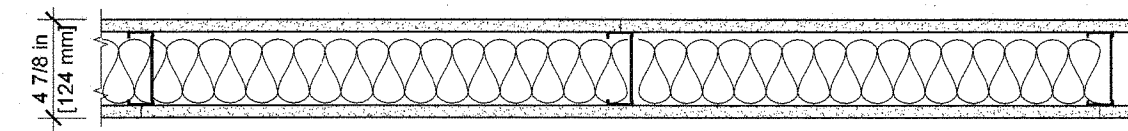
UL U329 or GAP WP 3441
Interior Partitions -
Wood Stud

Fire Rating
1 hr.

STC
40 MIN.

Thickness (in.)
4-7/8"

- * 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
Steel Stud (Non-loadbearing)
Interior Partitions
Sound Test: RAL-TL11-125

Fire Rating
1 hr.

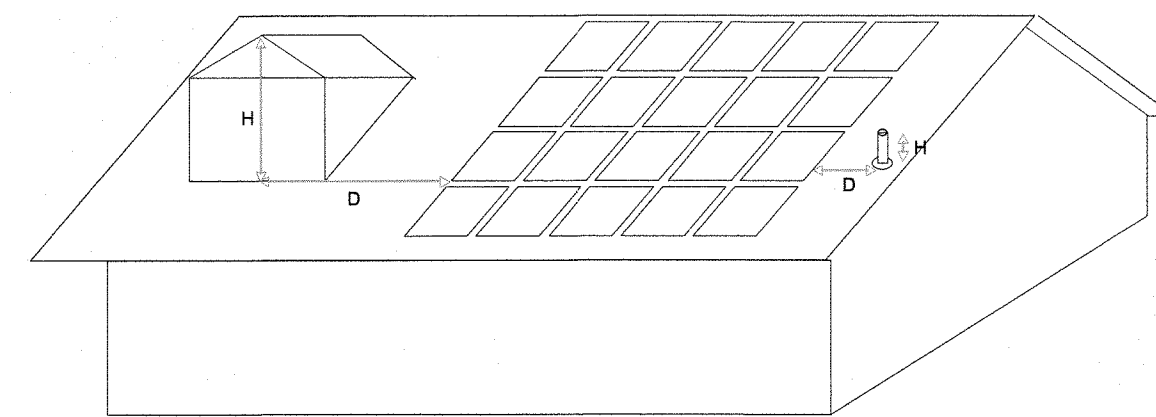
STC
40 MIN.

Thickness (in.)
4-7/8"

- * 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 - SHEETROCK 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 - SHEETROCK 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.

$$D \geq 2 \times H$$

SOLAR ZONE DIAGRAM

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 SCHEDULE SHOW THE LOCATION OF THE MINIMUM REQUIRED INTERIOR DOOR PROTECTION AND INDICATE THE NON-ABSORBENT FLOOR AND WALL FINISHES TO BE INSTALLED 2 FEET AROUND AND REFERENCING TO THE PRIMARY ENTRANCES.				
5.407.2.2.2	A1.0-1.2, A6.0-6.3	PLANS AND SECTIONS INDICATE THE MINIMUM EXTERIOR DOOR PROTECTION WITH THE LOCATION AND DETAILS FOR A 4 FEET DEEP AWNING, ROOF OVERHANG, RECESSED AREA, OR OTHER APPROPRIATE METHOD AT THE PRIMARY ENTRANCES.				
5.407.2.2.2	A4.0-1.4.3	ROOF PLANS AND DETAILS INDICATE FLASHINGS INTEGRATED WITH A DRAINAGE PLANE.				
CONSTRUCTION WASTE MANAGEMENT						
5.408.1		PROVIDE A LETTER FROM THE LOCAL WASTE AND RECYCLING FACILITY USED BY THE MANUFACTURER WHICH SPECIFIES A CONSTRUCTION WASTE MANAGEMENT PLAN IDENTIFYING CRITERIA.				
5.408.1	PDF	<input checked="" type="checkbox"/> RECYCLES AND/OR SALVAGES FOR REUSE A MINIMUM OF 65% OF THE NON-HAZARDOUS 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 SALE <input checked="" type="checkbox"/> SPECIFIES IF CONSTRUCTION WASTE MATERIALS WILL BE SORTED ON-SITE OR BULK MIXED <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						
5.604.4 POLLUTANT CONTROL						
5.604.4.1 ADHESIVES, SEALANTS AND CAULKS						
		FINISH	WHERE USED (TYPE)	MANUFACTURER/SPECIFICATION	VOC	VOC LIMIT (GPL)
5.504.4.2	A0.5	Indoor Carpet Adhesives		NuBraid,ok, Mohawk Inc.	0	50
		Carpet Pad Adhesives		N/A		
5.504.4.2	A0.5	Cove Base Adhesives		Interior Base	0	50
5.504.4.3	A0.5	Multi-purpose Construction Adhesives 1		General	70	70
5.504.4.4	A0.5	Contact Adhesive		Hankel - Loctite Light Cure	20	70
5.504.4.2	A0.5	Contact Adhesive		General	20	70
5.504.4.1	A0.5	Architectural 1	Exterior	Sherwin Williams - 850A White	33	250
5.504.4.1	A0.5	Architectural 2	Exterior	Sherwin Williams - Shamrock Clear	19	250
5.504.4.1	A0.5	Single ply roof Membrane	Roof Caulk/Sealer	Tremco - Future Flash Sealant	6	450
5.604.4.3 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	<60	60
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 Parms - Azra 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		
5.604.4.4 CARPET SYSTEMS						
		FINISH	MANUFACTURER	CERTIFICATION ORGANIZATION		
5.504.4.4	A0.5	Carpet	Mohawk Carpets	Carpet & Rug Institute - Green Label Plus Program		
5.604.4.5 HARDWOOD PLYWOOD, PARTICLEBOARD, FIBERBOARD WOOD PRODUCTS						
		FINISH	WHERE USED (TYPE)	MANUFACTURER/SPECIFICATION	FORMALDEHYDE EMISSIONS LIMIT	FORMALDEHYDE LIMIT
5.504.4.5	A0.5	Plywood	Roof / Floor	APA Rated	<.05	0.05
5.604.4.6 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	Mannington	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 ...		
5.604.3 FILTER SPECIFICATION:						
5.604.3	A0.5	COVERING OF DUCT OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION AND SHIPMENT.				
5.604.3.3	A0.5	MECHANICAL SPECIFICATION OR NOTE INCLUDES INFORMATION REQUIRING A MINIMUM MERV 9 FILTER(S) OR HIGHER.				
5.606.1 INDOOR MOISTURE CONTROL:						
5.606.1	P1.10P2.10	<input checked="" type="checkbox"/> BUILDING HAS RAISED FLOOR FOUNDATION AND REQUIRES UNDERFLOOR VENTILATION. MEET REQUIREMENTS OF CBC 1203.3.				
5.606.1 INDOOR AIR QUALITY:						
5.606.1	M0.1	SPACES ARE DESIGNED WITH OUTDOOR VENTILATION REQUIREMENTS IN ACCORDANCE WITH CALIFORNIA ENERGY CODE (CEC) SECTION 120.1. OUTDOOR AIR CALCULATIONS SHALL BE SHOWN ON THE PLANS IN ACCORDANCE WITH CEC 120.1(a)(2).				
5.606.1	M0.1	OUTDOOR AIR IN CLASSROOM IS DESIGNED TO 0.38 CFM PER SF OR 15 CFM PER OCCUPANT, WHICHEVER IS GREATER.				
5.607.4 ENVIRONMENTAL COMFORT:						
5.607.4.1 EXTERIOR NOISE TRANSMISSION:						
5.607.4.1	A0.0	<input checked="" type="checkbox"/> NOTE ON COVER SHEET THAT STATES - "THIS PC WILL NOT BE PLACED IN ANY OF THE FOLLOWING LOCATIONS: 1- WITHIN THE 65 CNEL OR LDN 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."				
5.607.4.3 INTERIOR SOUND TRANSMISSION:						
5.607.4.3	A0.5	INTERIOR WALLS MEET MINIMUM 40 STC.				

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ORIGINAL PC STATE AGENCY APPROVAL

FILE NUMBER: STOCK11
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APP. NO: 04-117181 INCR:
AC. RM. PLS- EA SS KR
DATE 04/23/2019

PROJECT TITLE

30' x 32'
EXPANDABLE TO
150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 119 201
ACS SL PLS DS SS KR
DATE JUN 10 2020

Revision Schedule

#	Description	Date

SHEET TITLE

CALGREEN SPEC'S

PROJECT NUMBER

17156

DRAWN BY

rMc/SC

CHECKED BY

JA/RT

DATE

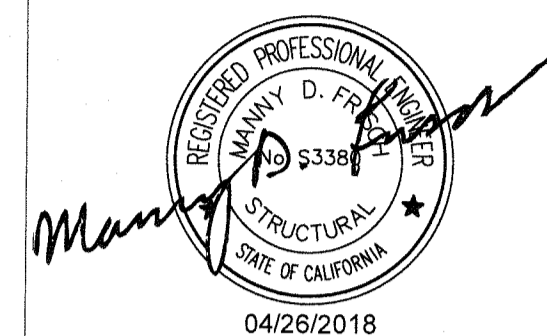
10.12.2018

SHEET NO.

A0.5

SHEET OF SHEETS

PROFESSIONAL STAMP

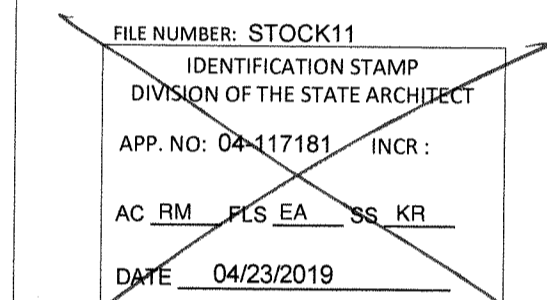


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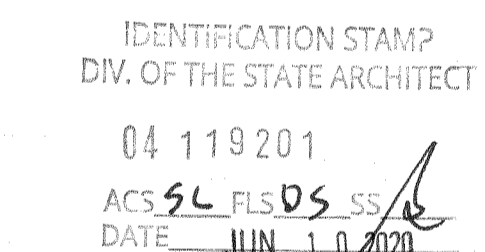
ORIGINAL PC STATE AGENCY APPROVAL



PROJECT TITLE

30' x 32'
 EXPANDABLE TO
 150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL



Revision Schedule
 # Description Date

SHEET TITLE
 30x32 FLOOR PLAN

PROJECT NUMBER

17156

DRAWN BY

rMc/SC

CHECKED BY

JA/RT

DATE

10.12.2018

SHEET NO.

A1.1

SHEET OF SHEETS

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

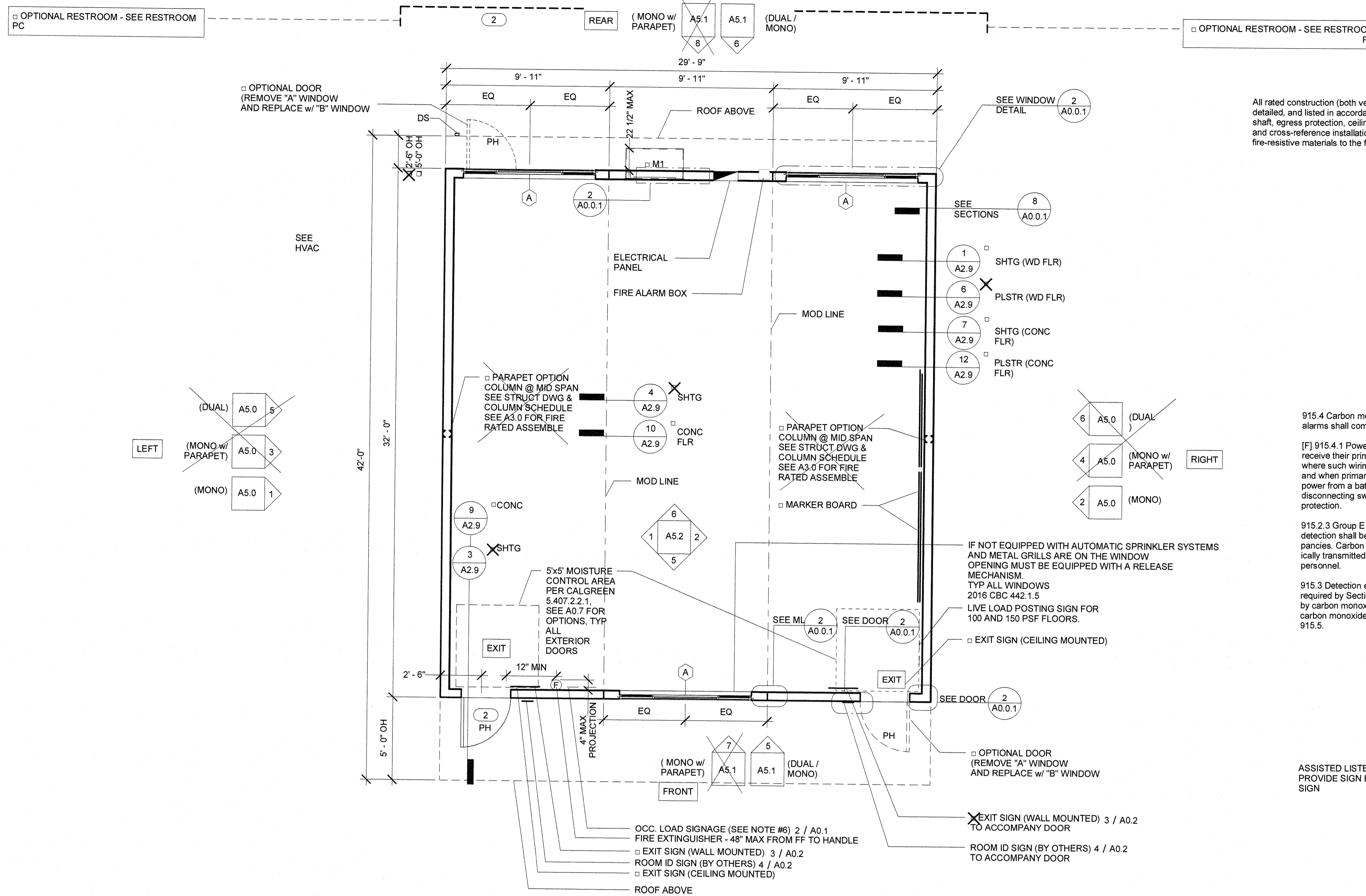
915.4 Carbon monoxide alarms. Carbon monoxide alarms shall comply with Sections 915.4.1 through 915.4.4.

[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



SEE ALT SHEETS FOR FLOOR CONFIGURATION

1 1/4" = 1'-0"
 30x32 Floor Plan

Wall Schedule		Fire Rating Schedule	
Stud Size	Sheet	Rating	Sheet
Wood Wall Stud	S4.5	1 HOUR - SIDING OVER WD STUDS	A2.5
Mtl Wall Stud	S4.5	1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ WD STUDS	A2.6
		1 HOUR - SIDING OVER STL STUDS	A2.7
		1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ STL STUDS	A2.8

Ext. Finish Schedule		Roofing Schedule	
Finishes	Sheet	"SLOPE"	EDPM
SIDING OVER WD STUDS	A2.1	Dual	A4.2.2
PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ WD STUDS	A2.2	Mono	A4.2.1
SIDING OVER STL STUDS	A2.3		
PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ STL STUDS	A2.4		

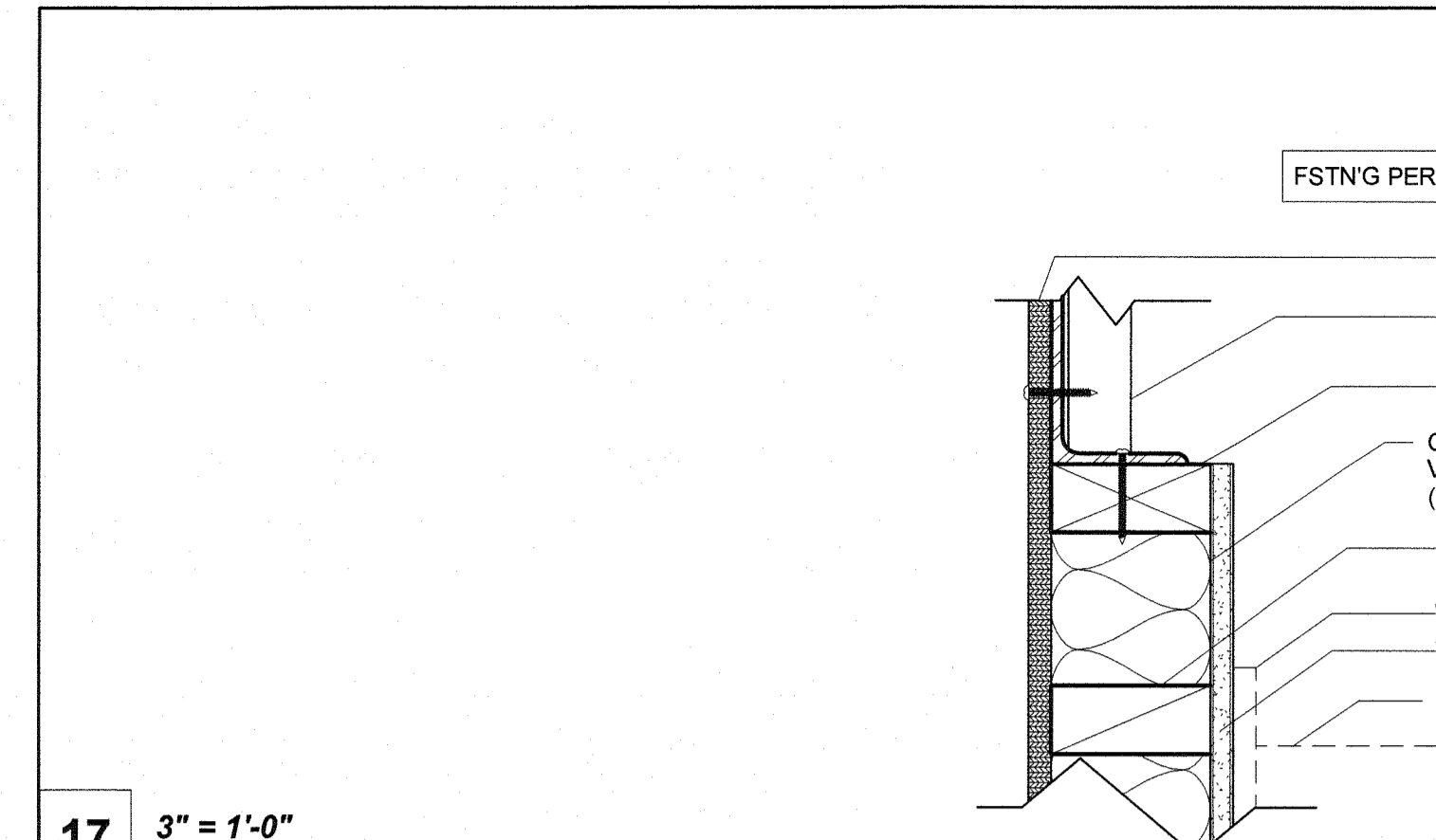
HVAC Unit	
Keynote	Type
M1	Wall Mounted HVAC
M2	Roof Mounted HVAC

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

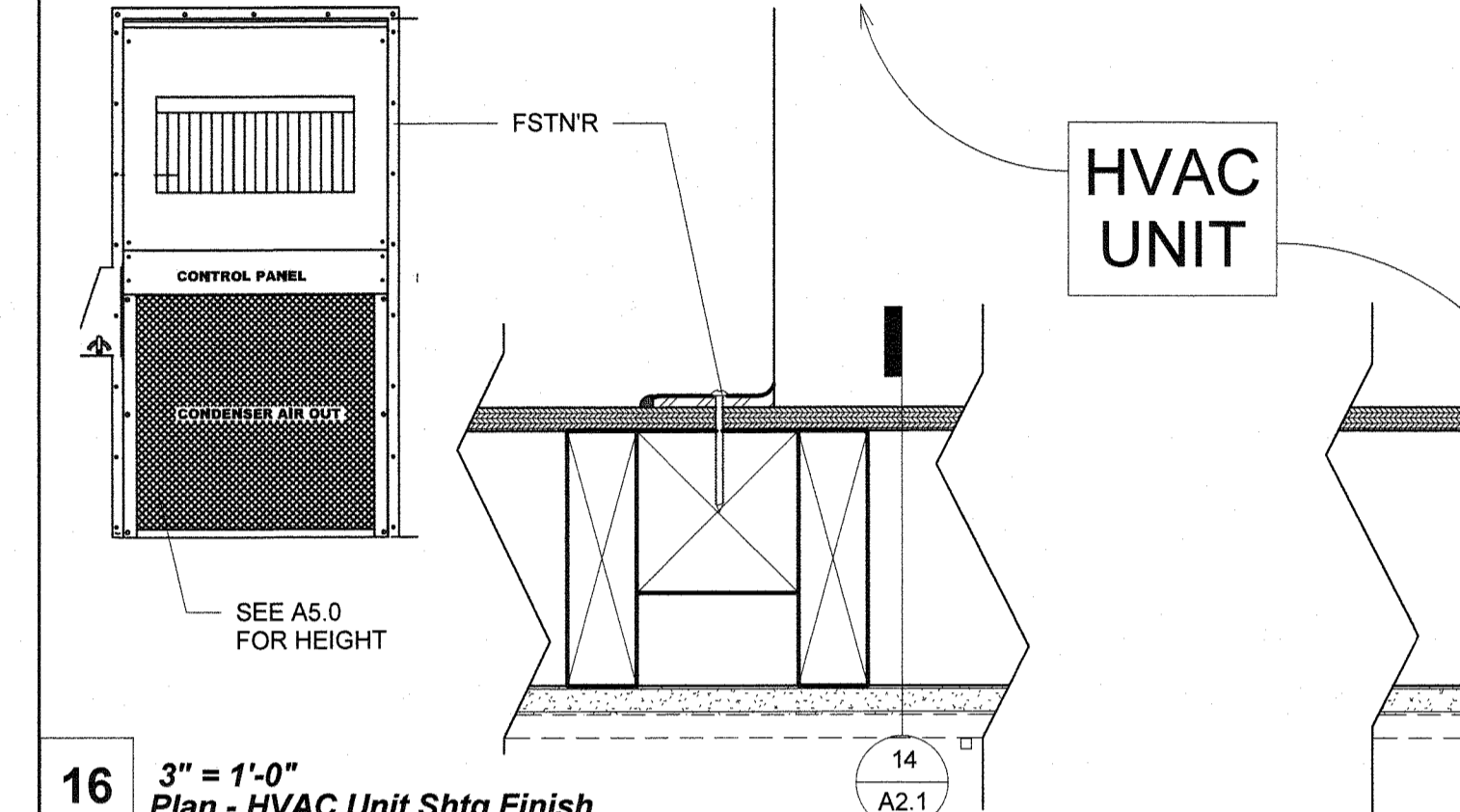
4 1/4" = 1'-0"
 Fire Rating Schedule

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

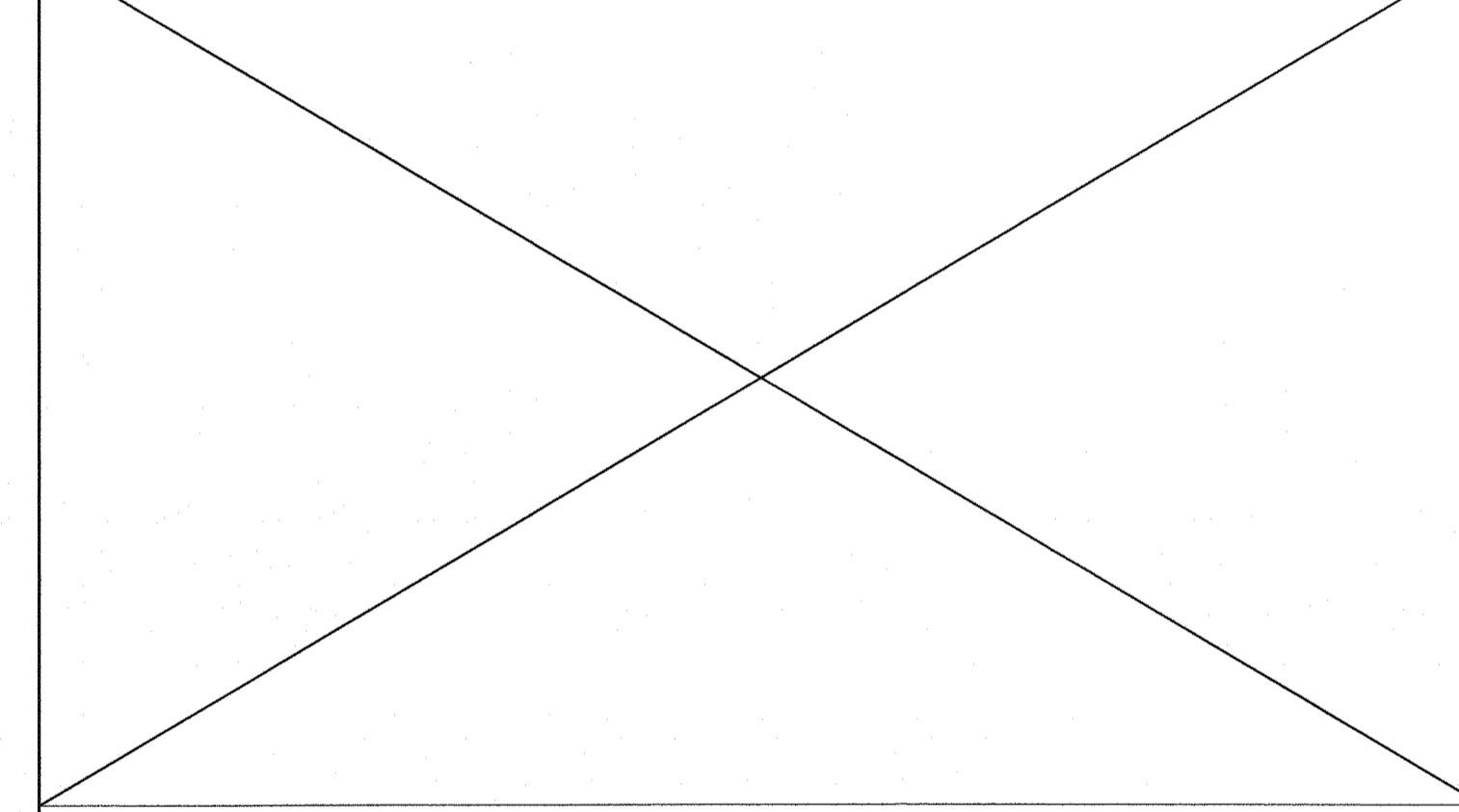
SEE SHEET ALT-01 FOR EXT. FINISH



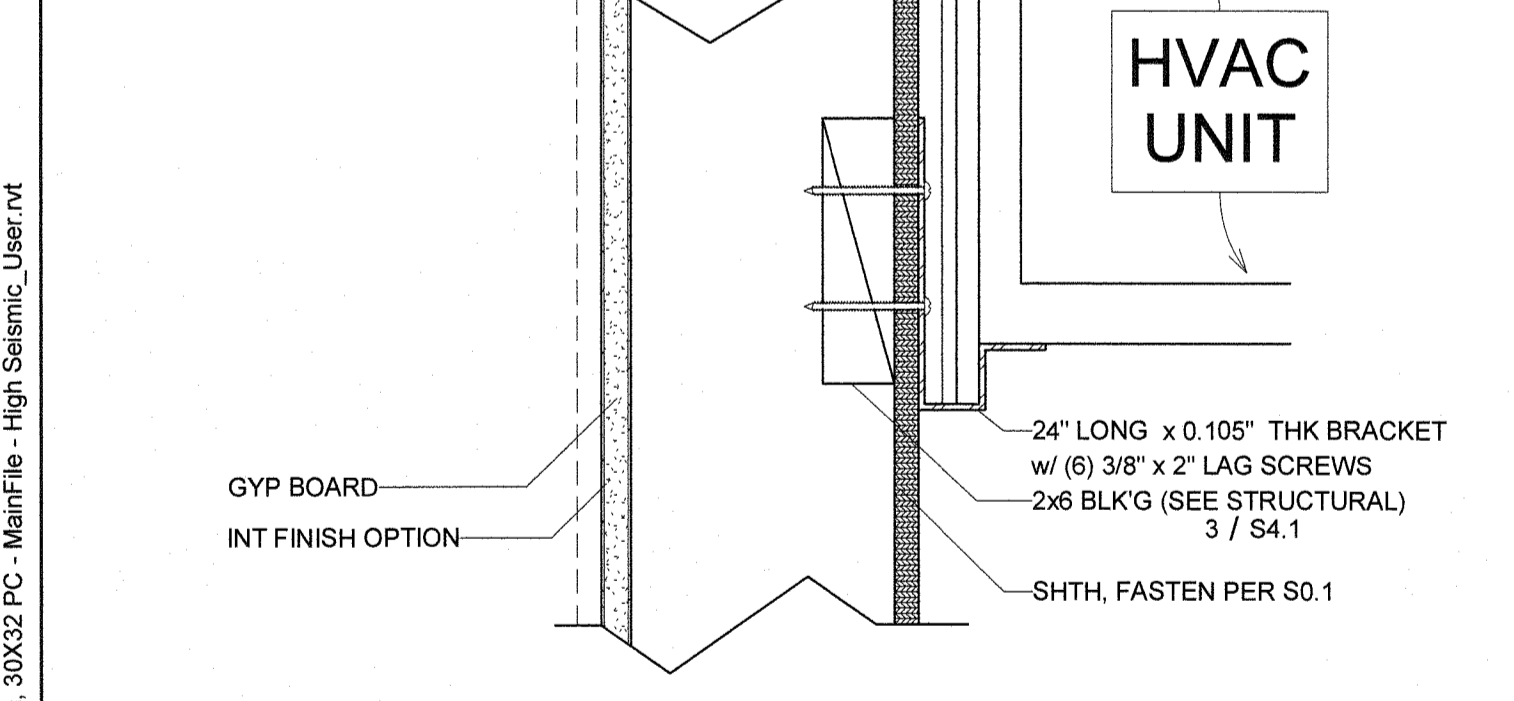
17 3" = 1'-0" Section - Top Plate Shtg Finish



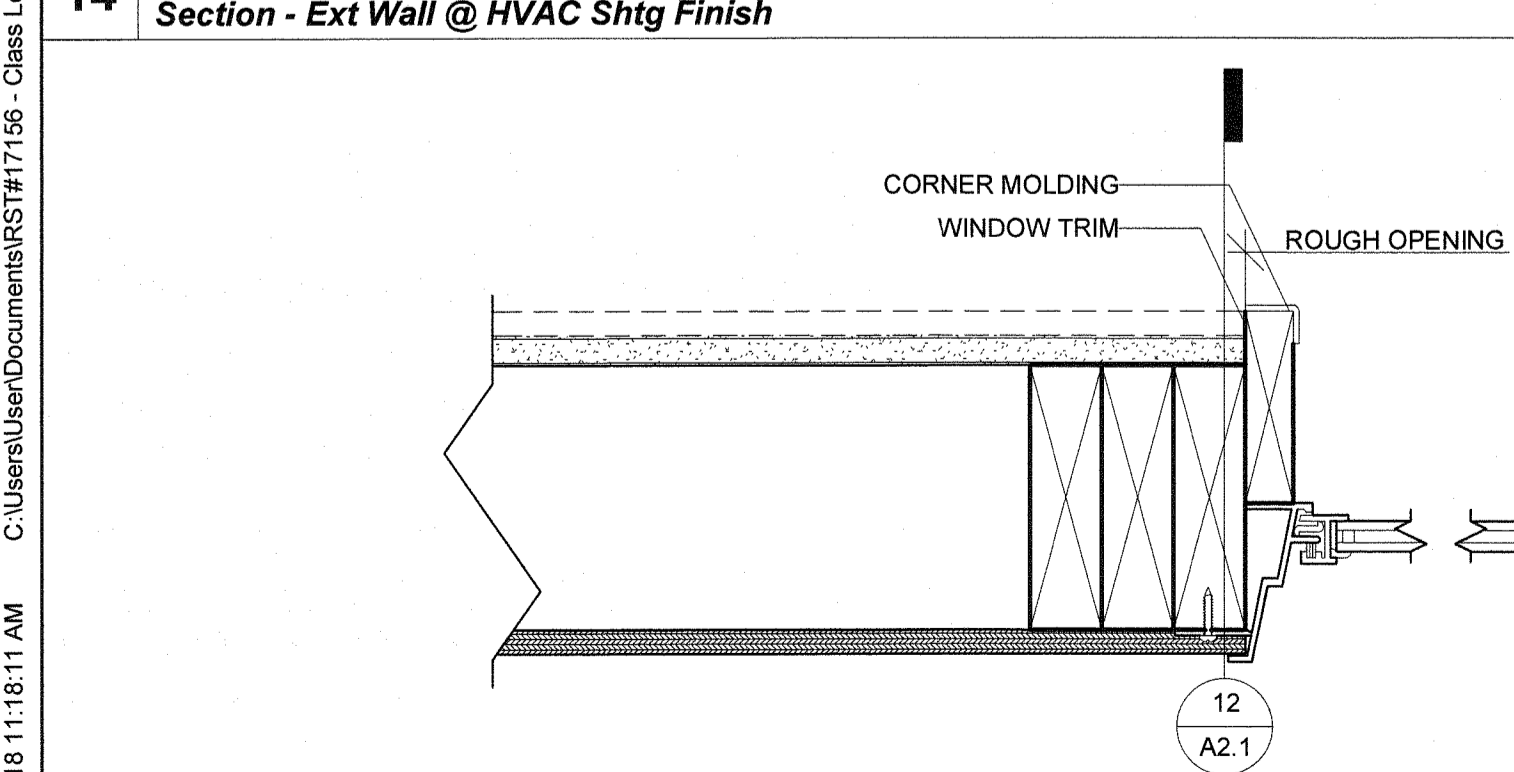
16 3" = 1'-0" Plan - HVAC Unit Shtg Finish



15 3" = 1'-0" Section - Ext Wall Header @ Window Shtg Finish



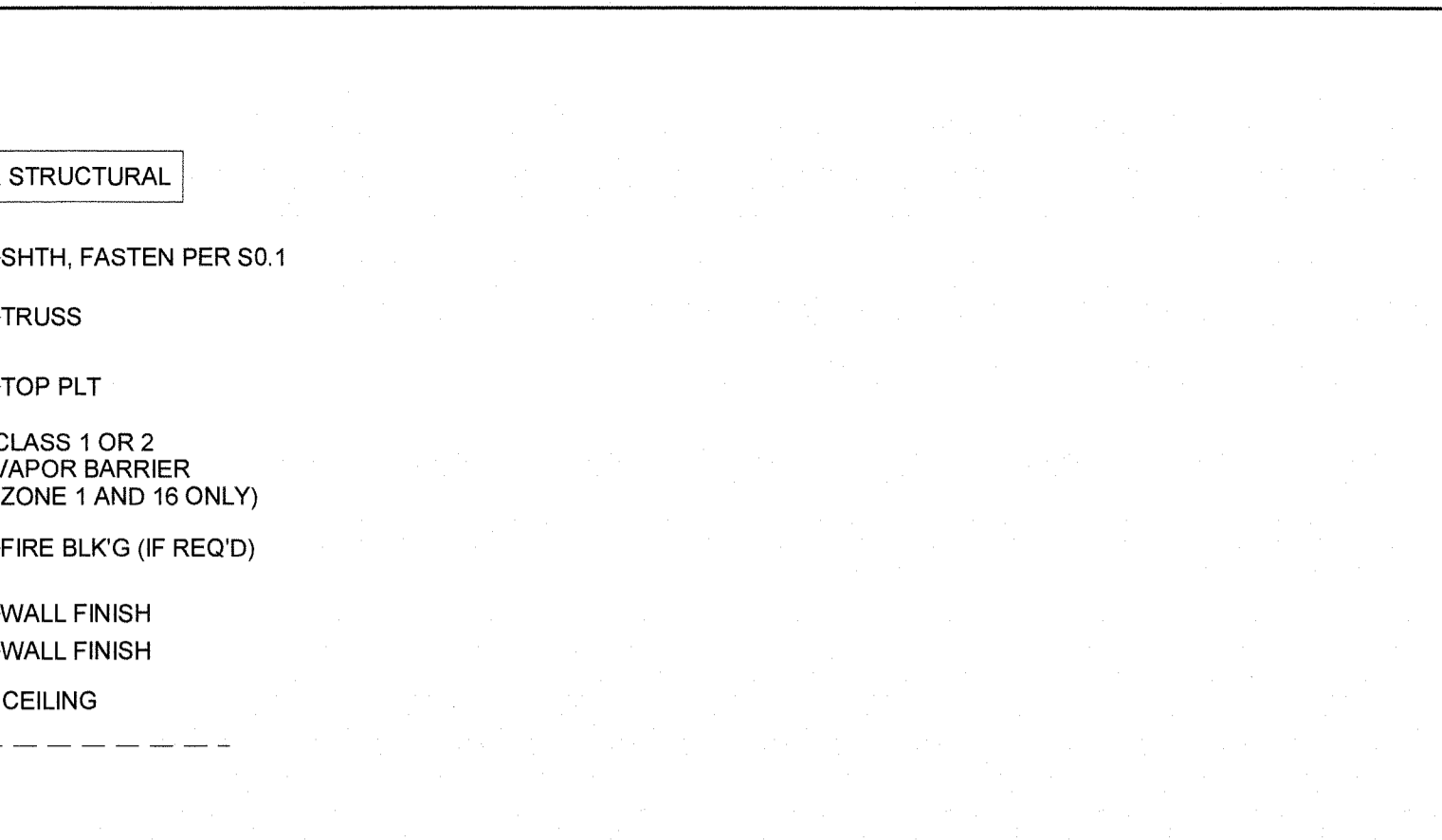
14 3" = 1'-0" Section - Ext Wall @ HVAC Shtg Finish



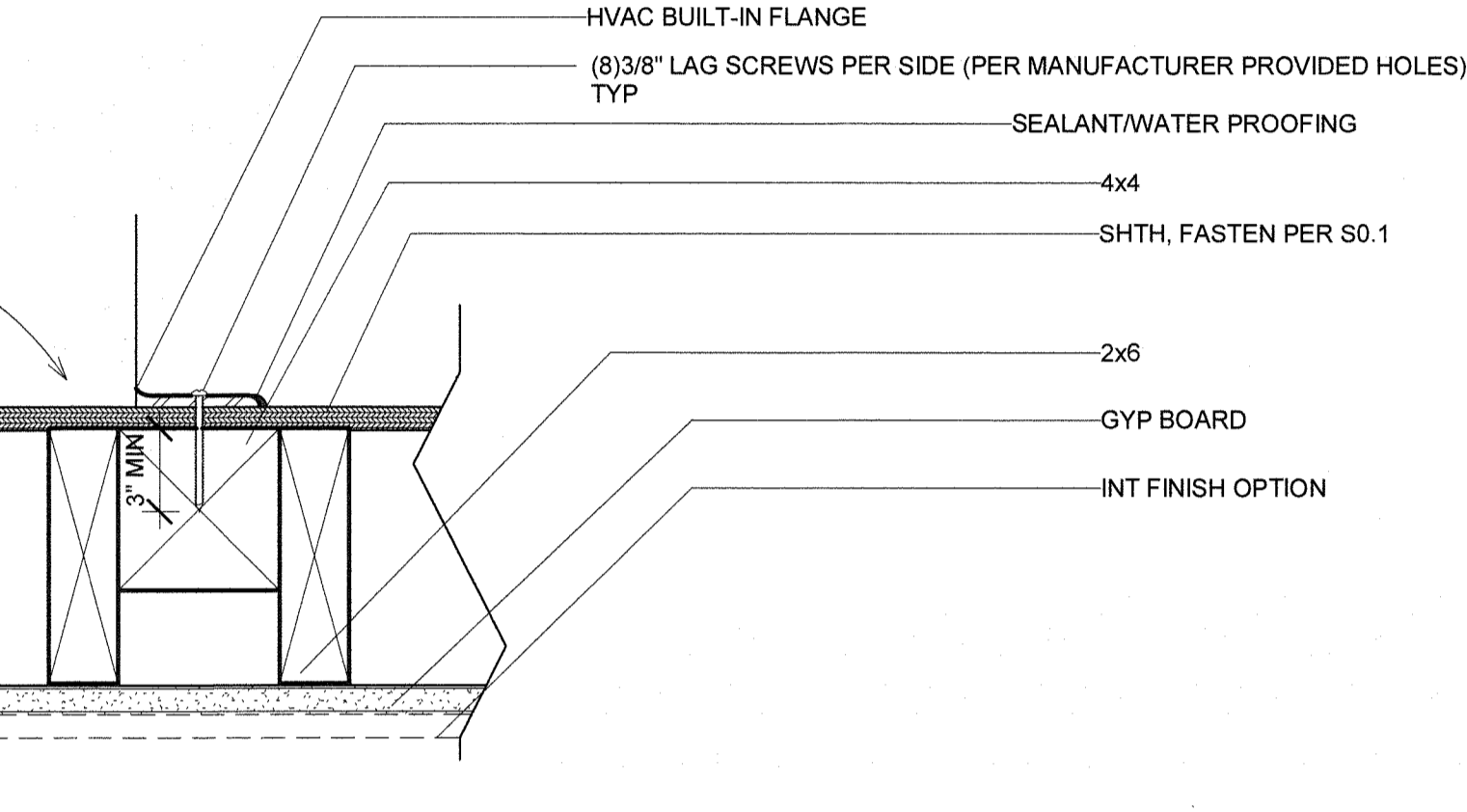
13 3" = 1'-0" Section - Ext Wall Sill @ Window Shtg Finish



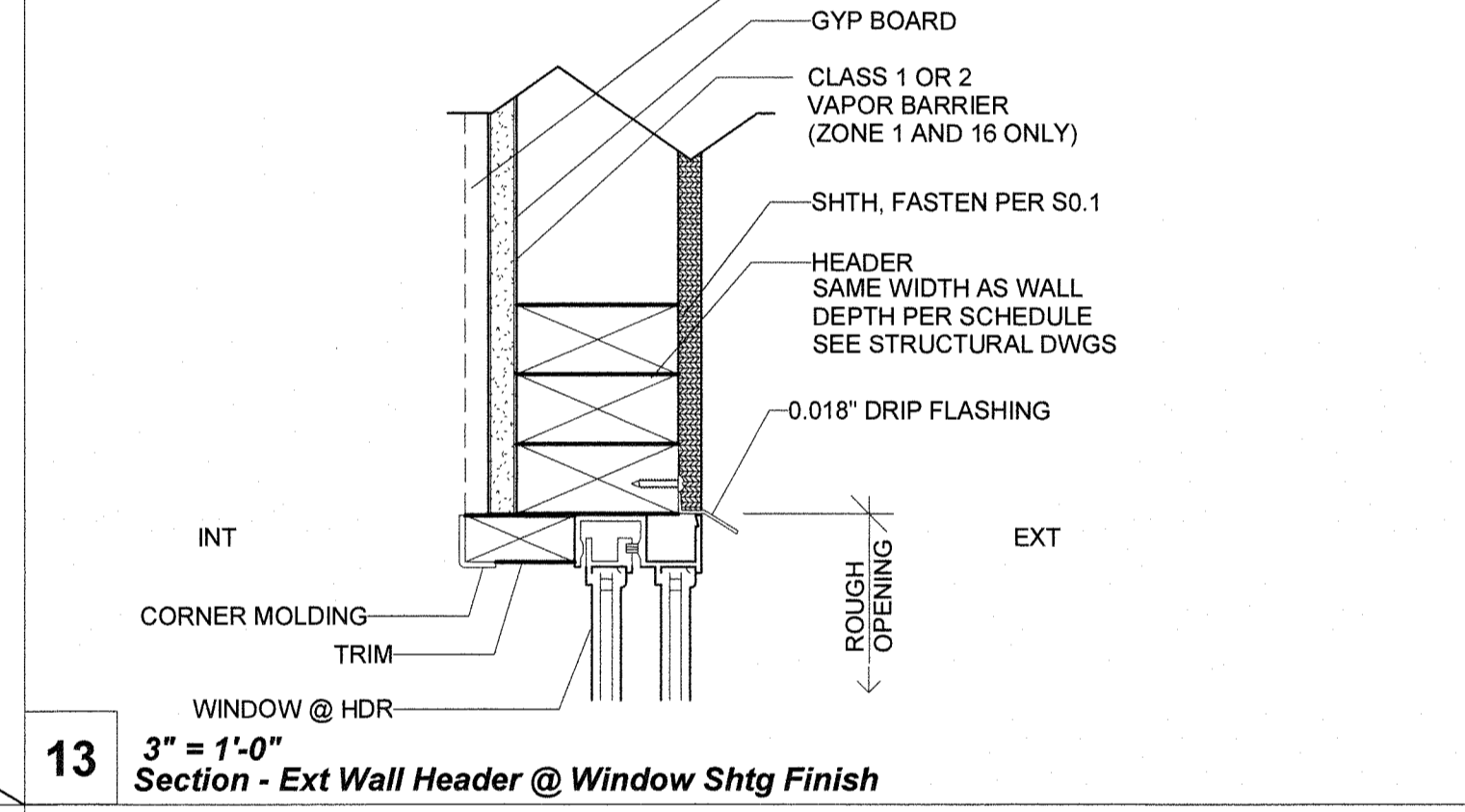
11 3" = 1'-0" Plan - Exterior Window Jamb Shtg Finish



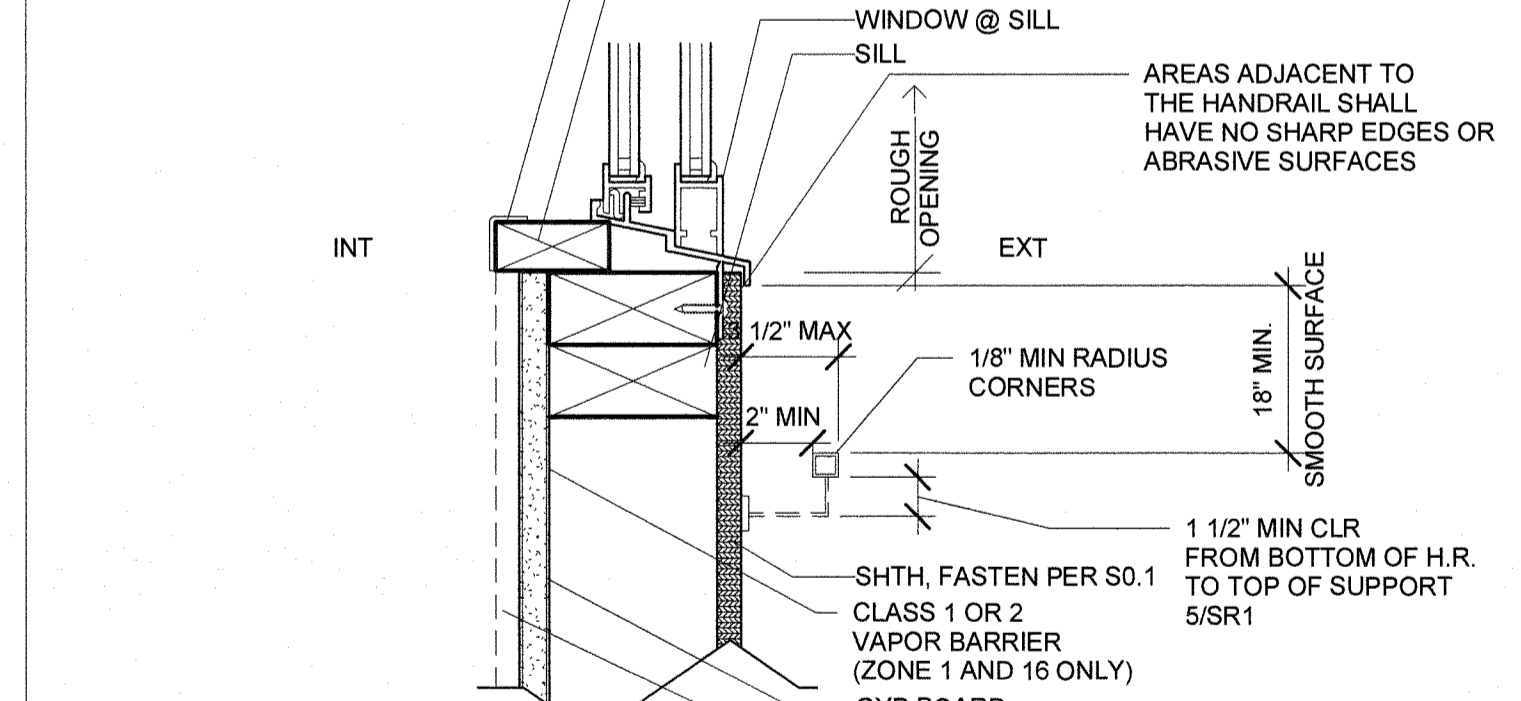
10A 3" = 1'-0" Section - Ext Wall Hdr Door Shtg Finish



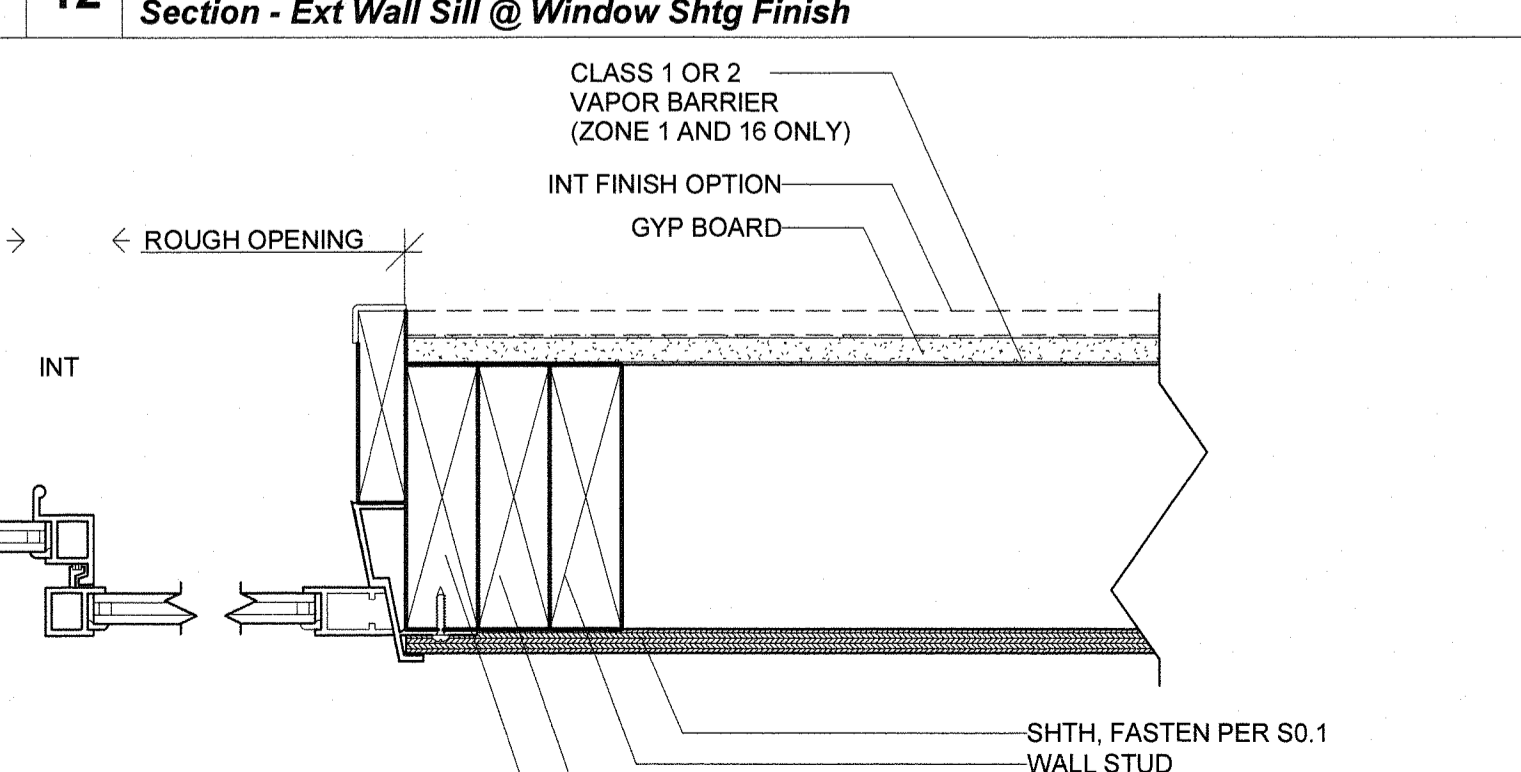
9 3" = 1'-0" Plan - Exterior Door Jamb Shtg Finish



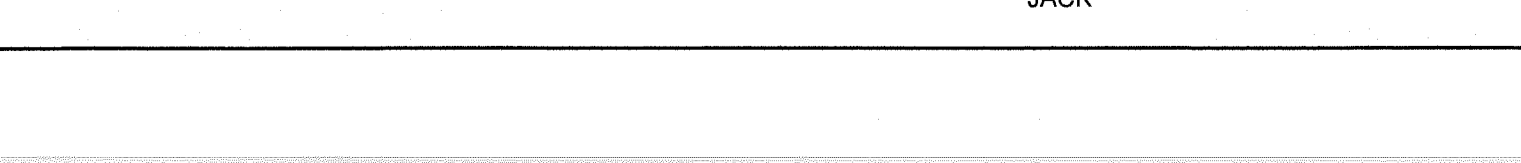
8 3" = 1'-0" Plan - Exterior Door Jamb @ Wall Corner Shtg Finish



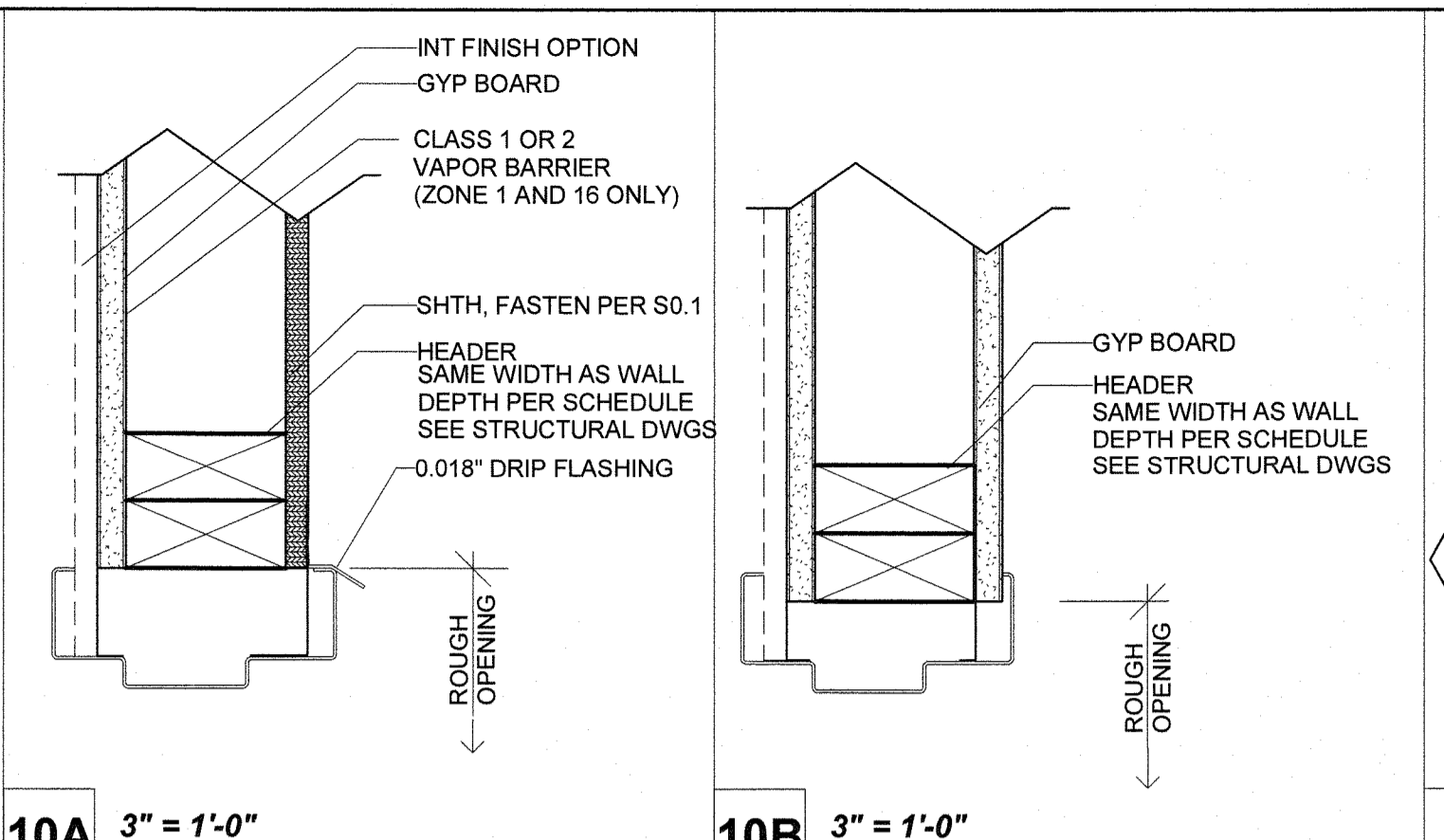
7 3" = 1'-0" Plan - Interior Door Jamb @ Wall Corner Shtg Finish



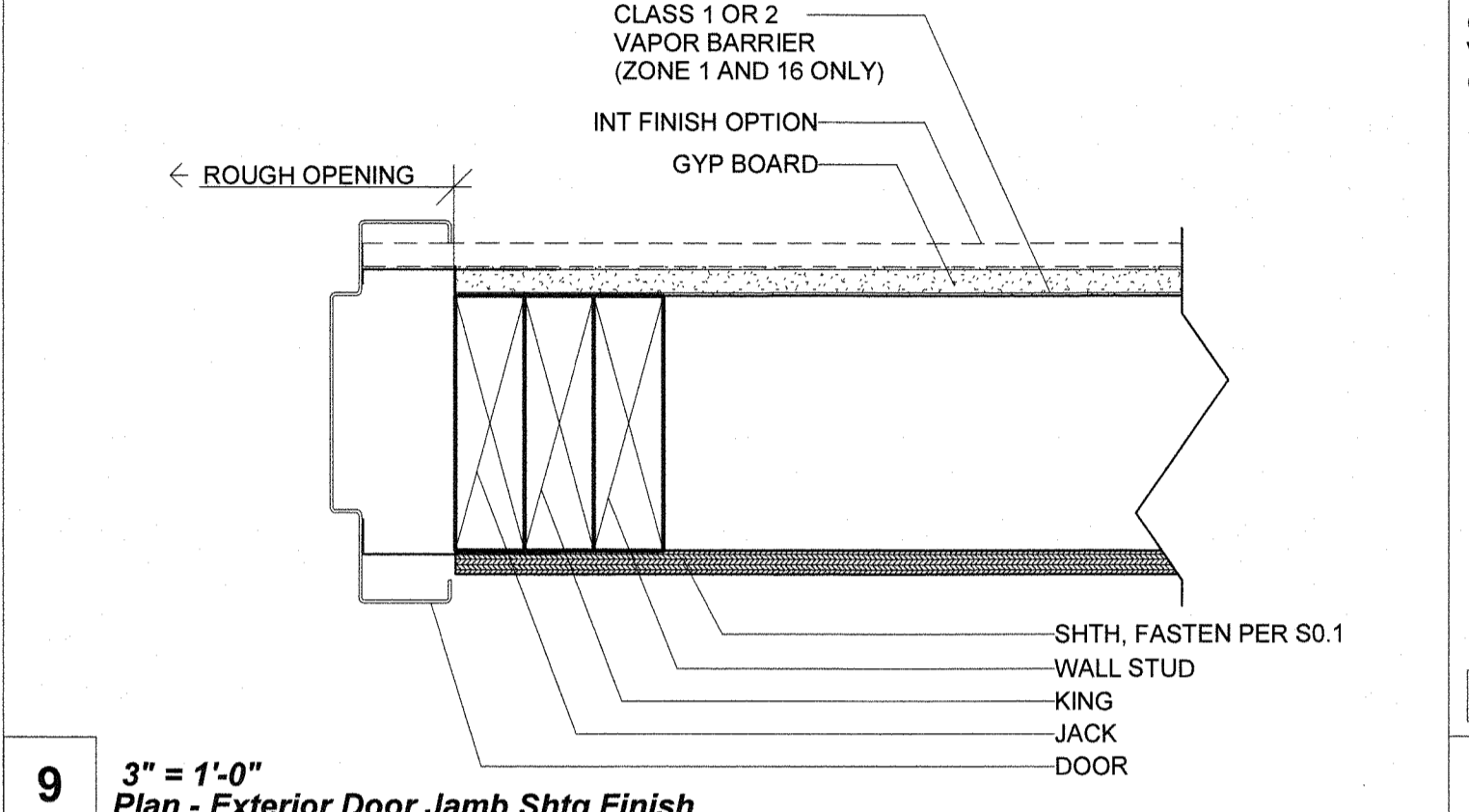
6 3" = 1'-0" Plan - Interior Door Jamb @ Wall Intersection Shtg Finish



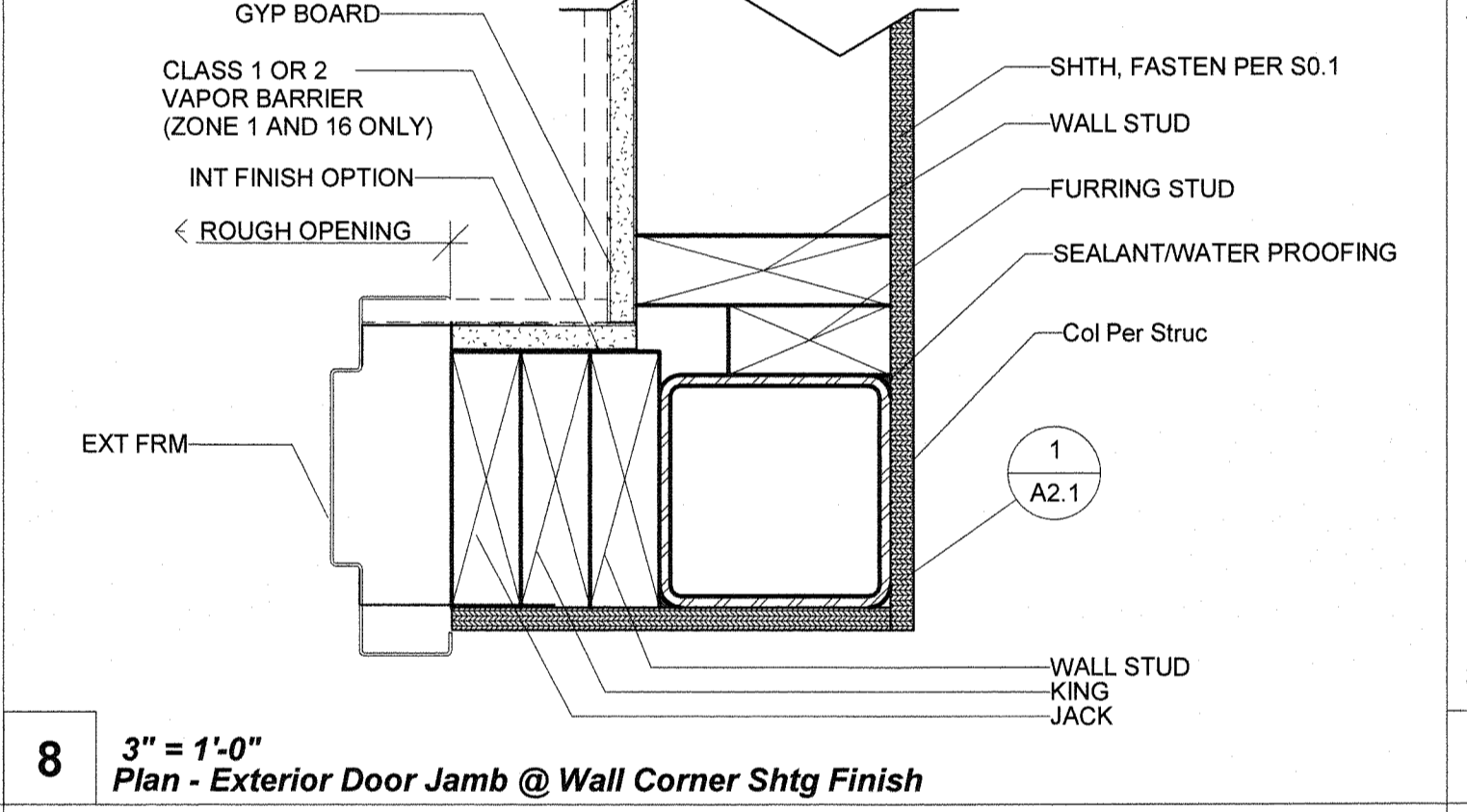
5 3" = 1'-0" Plan - Mateline (6" Sep.) Shtg Finish



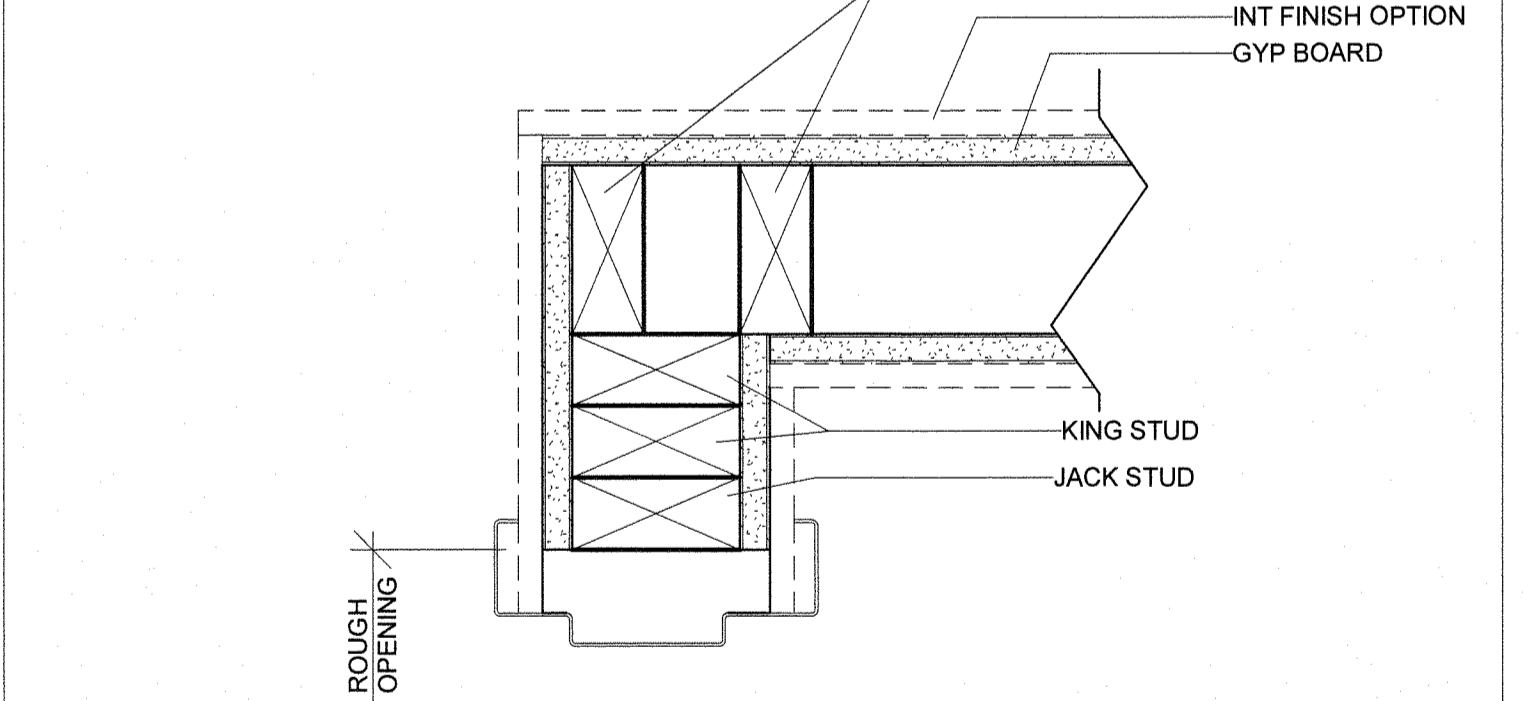
10B 3" = 1'-0" Section - Int Wall Hdr Door Shtg Finish



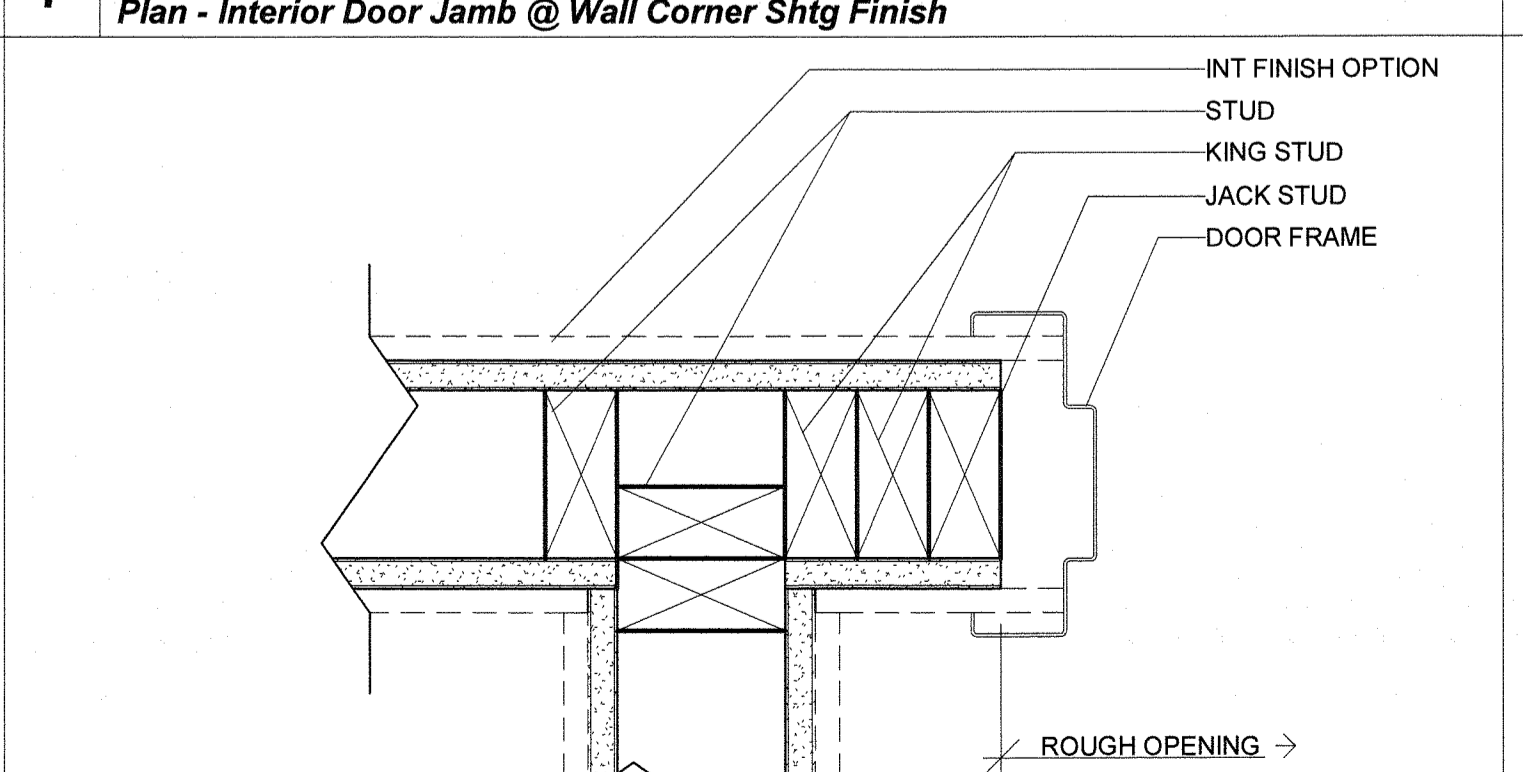
4 3" = 1'-0" Plan - Mateline (Mateline Closure Option) Shtg Finish



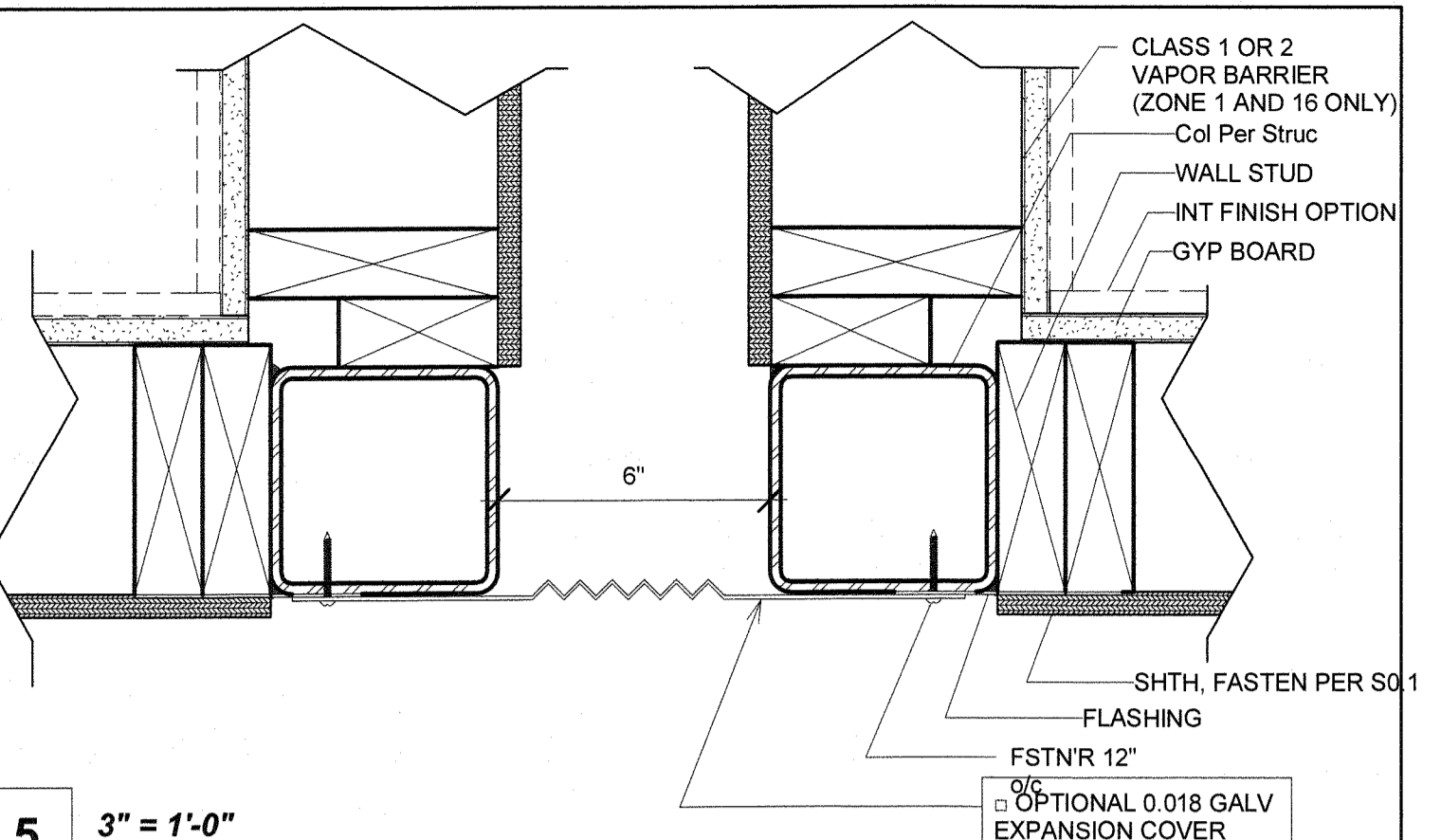
3 3" = 1'-0" Plan - Mateline (Int Closure Strip) Shtg Finish



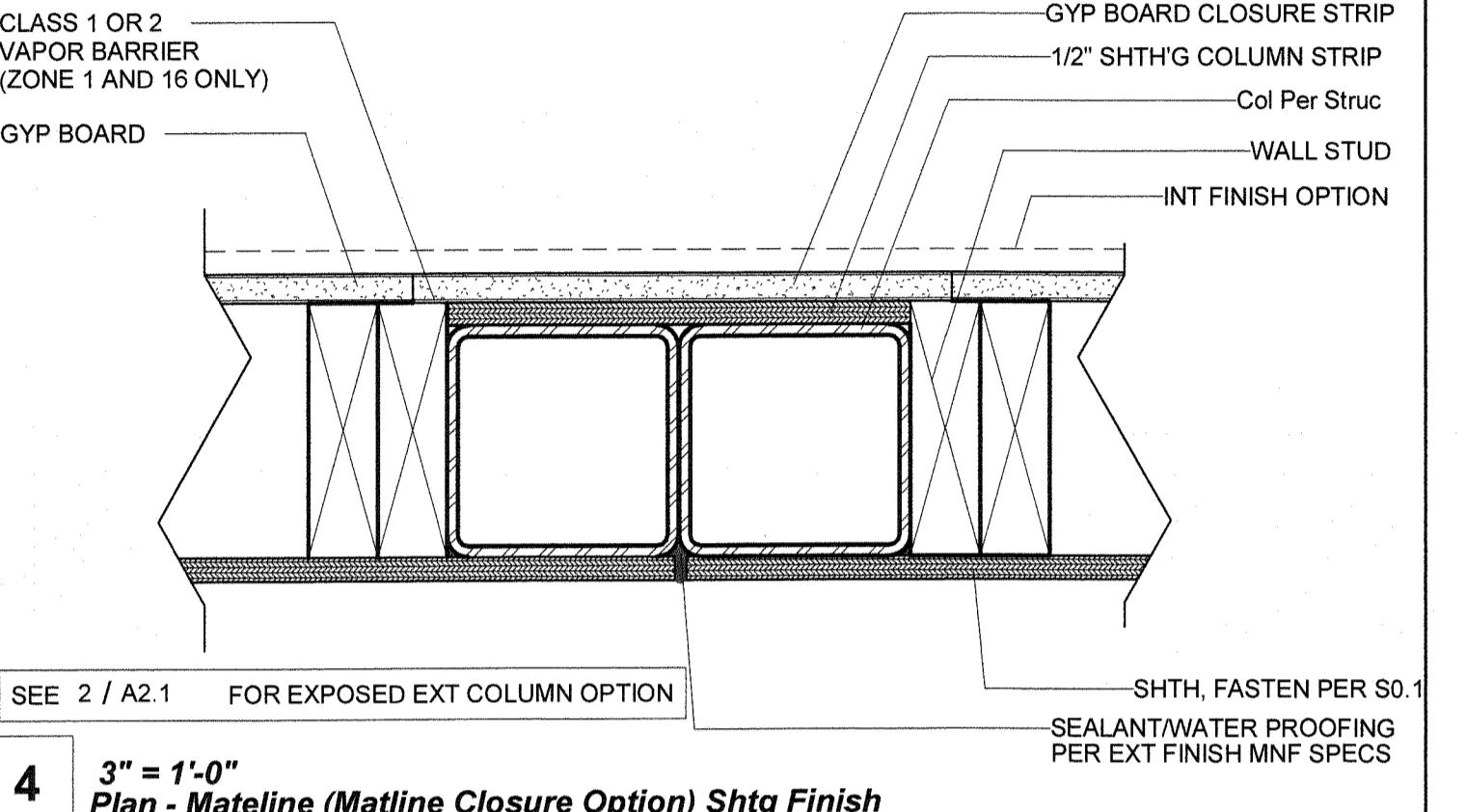
2 3" = 1'-0" Plan - Mateline (ext exposed column mateline) Shtg Finish



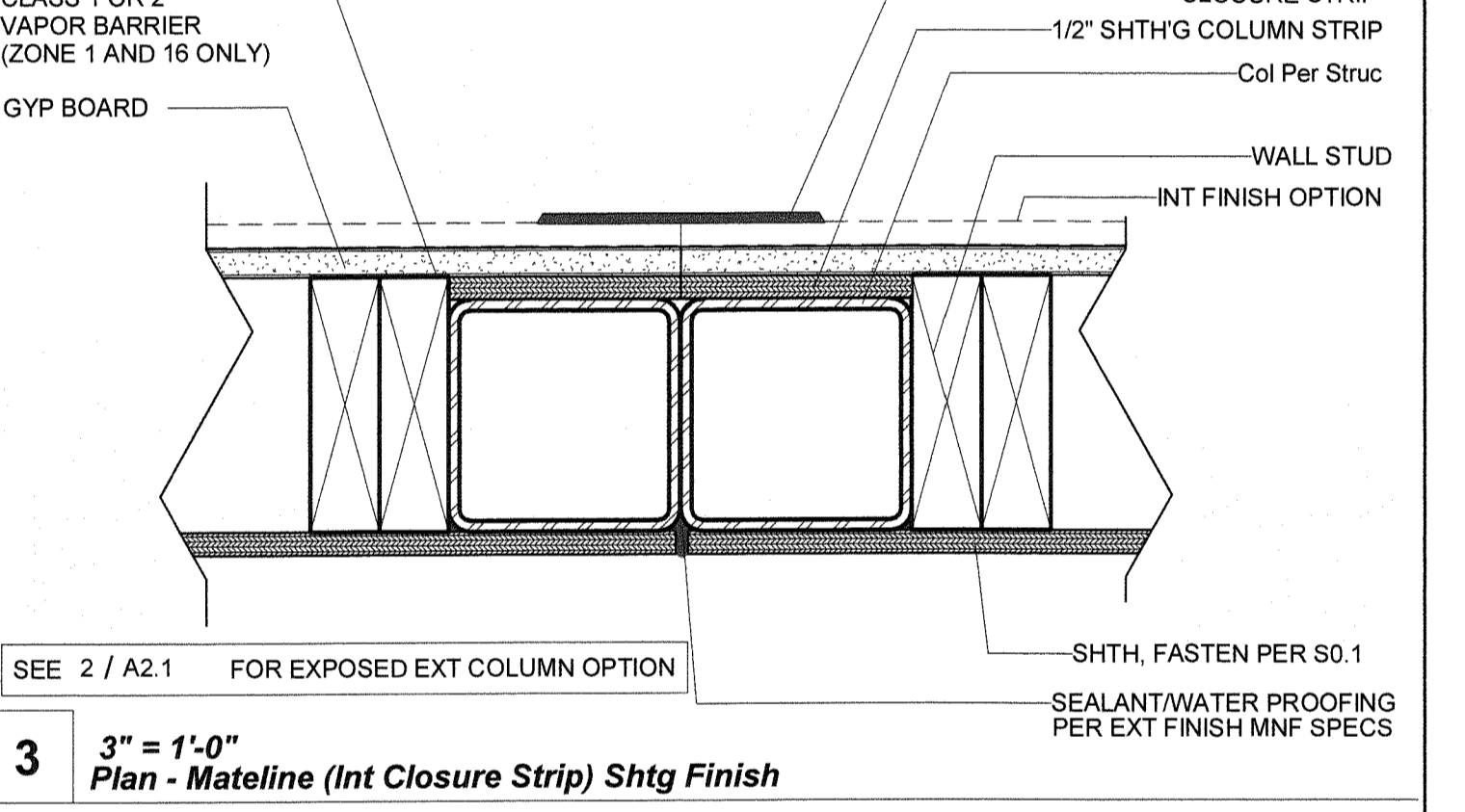
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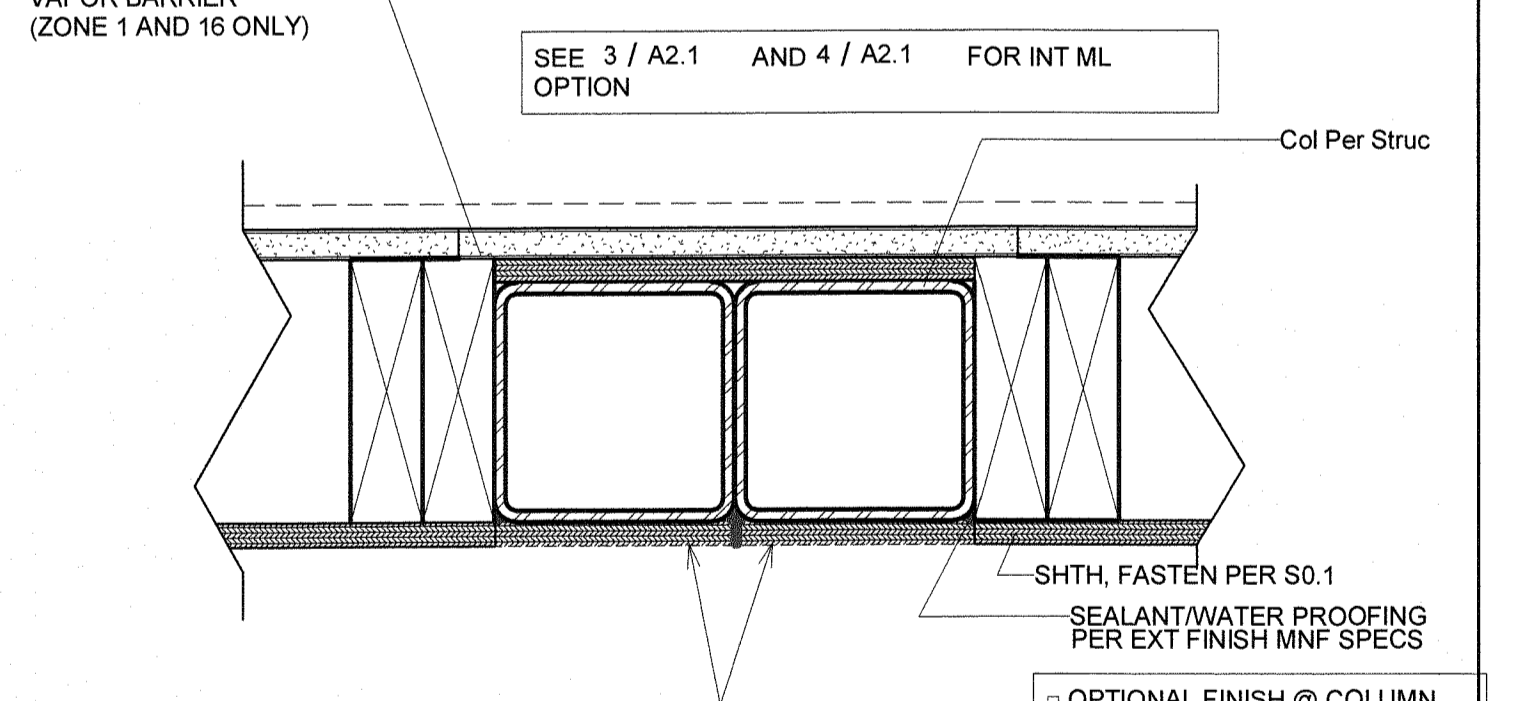
10 3" = 1'-0" Section - Int Wall Hdr Door Shtg Finish



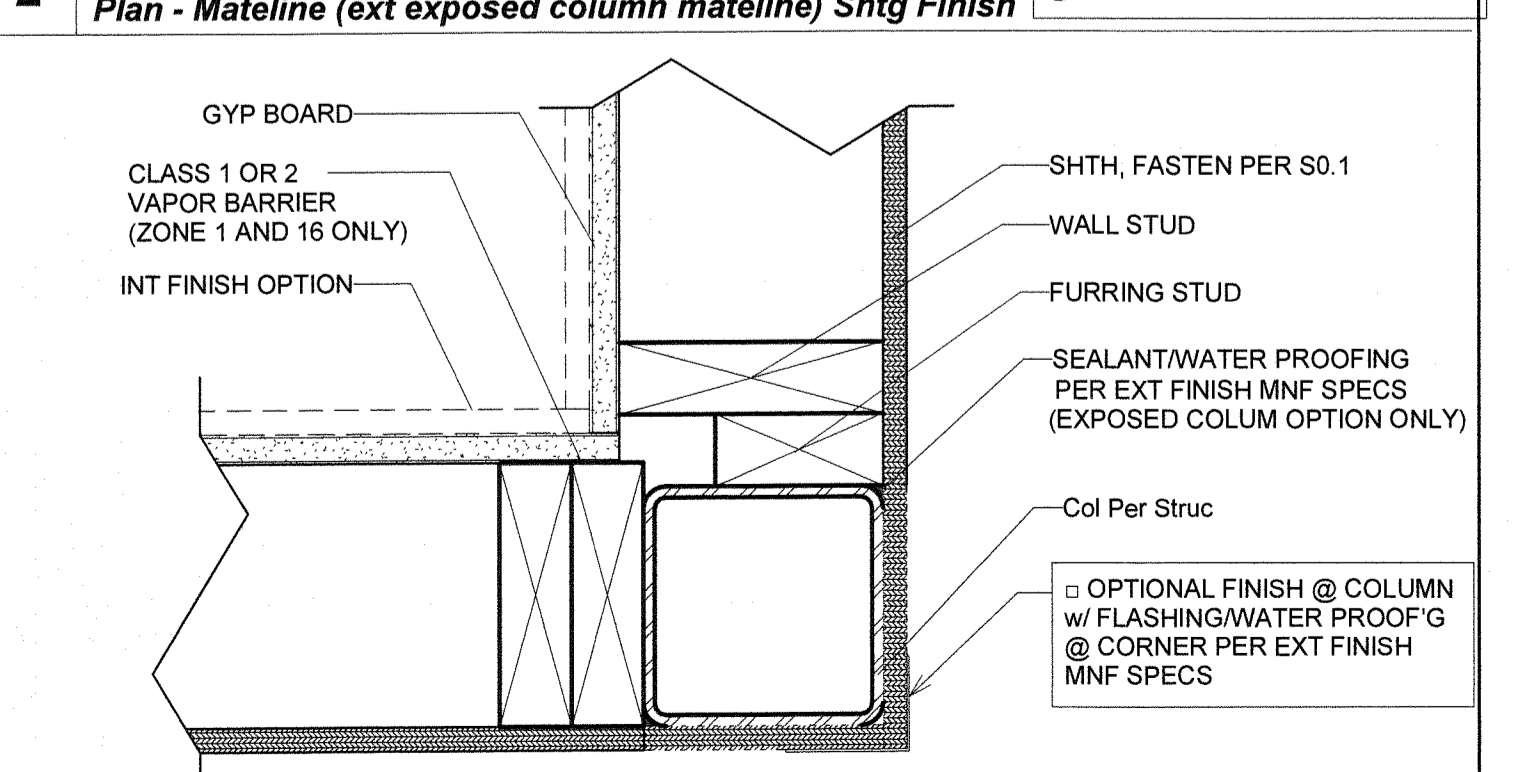
10A 3" = 1'-0" Section - Ext Wall Hdr Door Shtg Finish



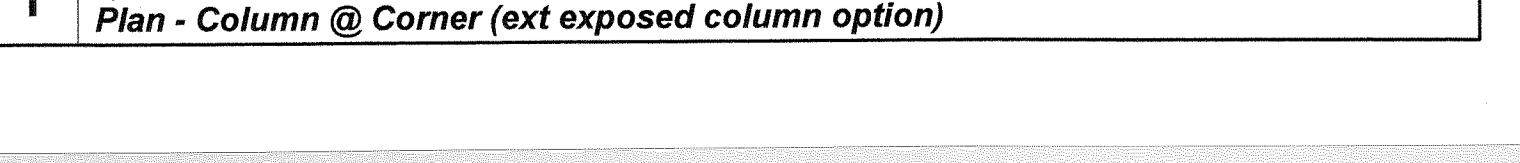
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10C 3" = 1'-0" Section - Ext Wall Hdr Door Shtg Finish



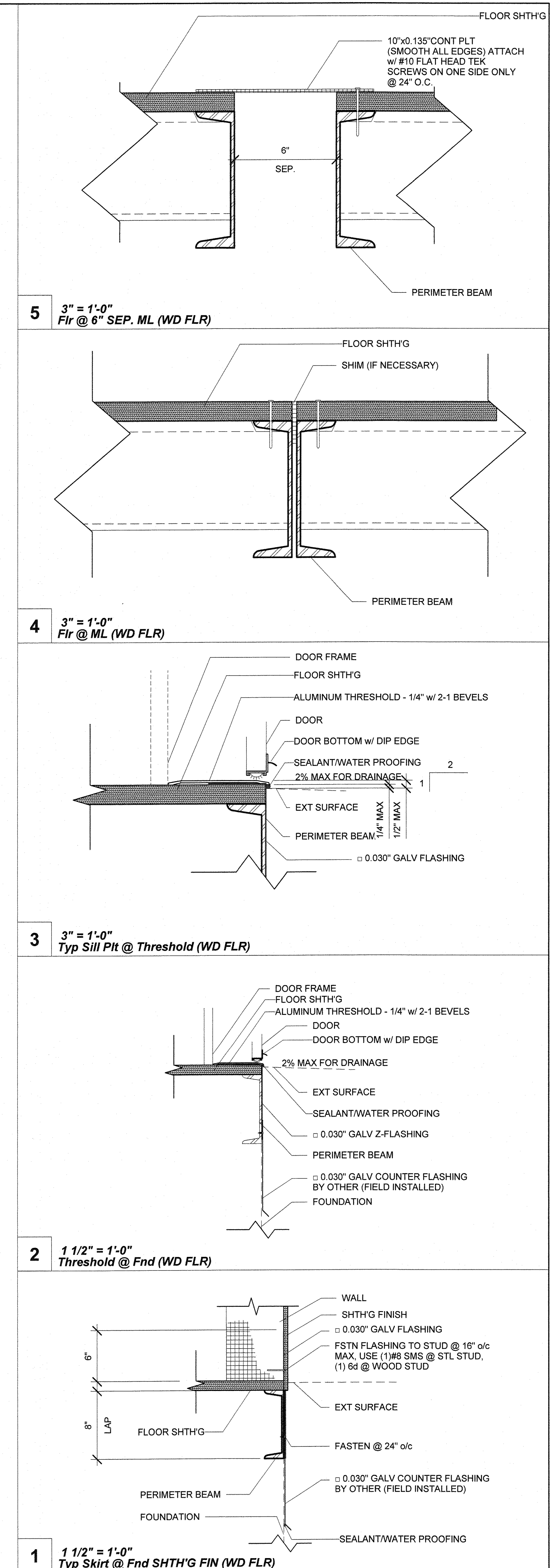
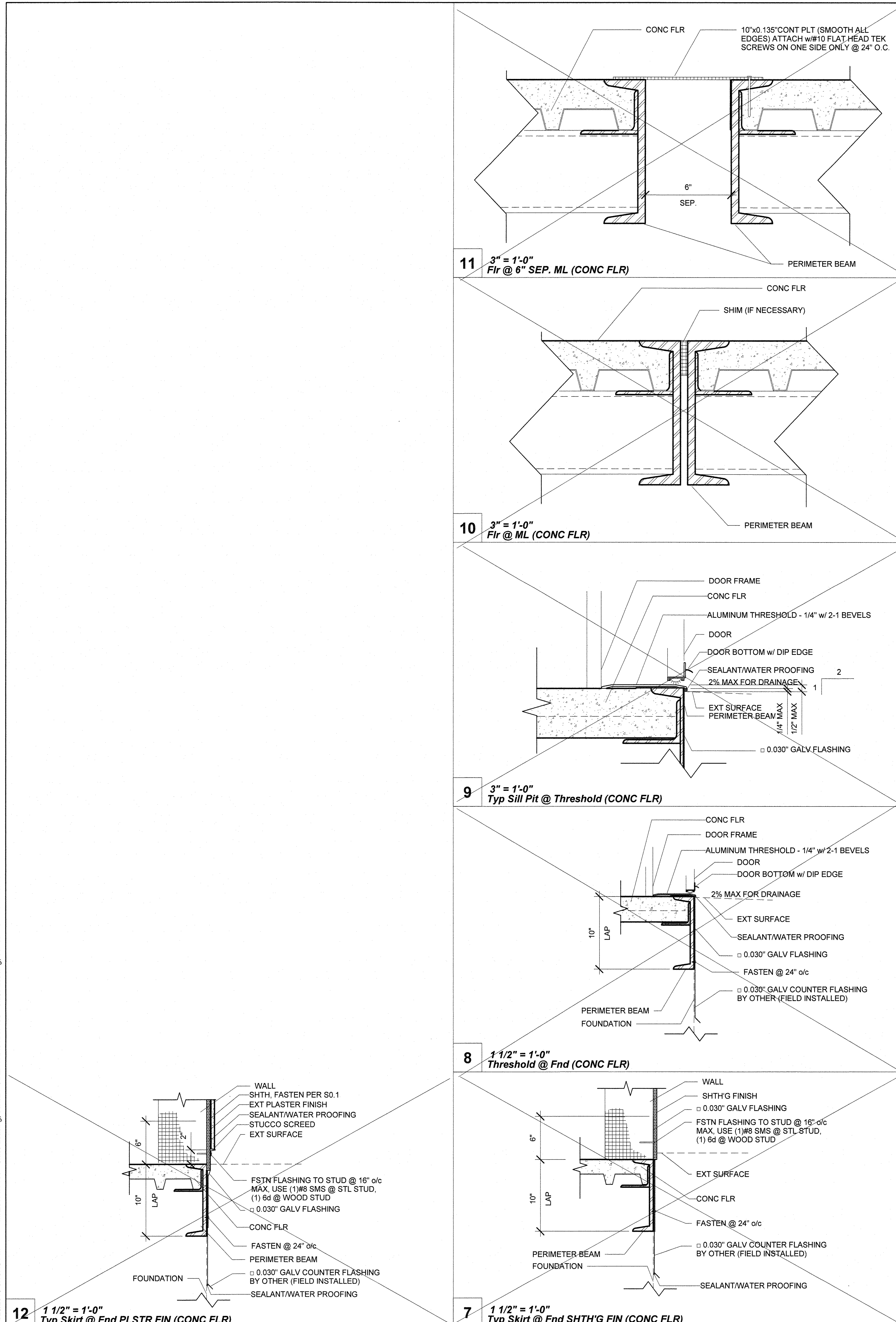
10D 3" = 1'-0" Section - Int Wall Hdr Door Shtg Finish



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

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 DESIGN • CONSULTING • PROJECT
 11777 BERNARDINI PLACE, SUITE 100
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 04/26/2018

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

ORIGINAL PC STATE AGENCY APPROVAL
 FILE NUMBER: STOCK11
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APP. NO: 04-117181 INCR:
 AC RM: FLS EA: SS: KR:
 DATE: 04/23/2019

PROJECT TITLE
30' x 32' EXPANDABLE TO 150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 119201
 ACS: FLS DS: SS: KR:
 DATE: JUN 10 2018

Revision Schedule		
#	Description	Date

SHEET TITLE
ARCHITECTURAL DETAILS (FLOOR)

PROJECT NUMBER
 17156

DRAWN BY
 rMc/SC

CHECKED BY
 JA/RT

DATE
 10.12.2018

SHEET NO.
A2.9

SHEET OF SHEETS

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CLASS LEASING LLC
 1221 Harley Knox Boulevard
 Parris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL

FILE NUMBER: STOCK11
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 APP. NO: 04-117481 INCR:
 AC. RM. FLS EA SS KR
 DATE: 04/23/2019

PROJECT TITLE
**30' x 32'
 EXPANDABLE TO
 150' x 32'**

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 119 201
 ACS SCL FLS DS SS
 DATE: JUN 10 2020

Revision Schedule
 # Description Date

SHEET TITLE
**SINGLE OCC.
 BATHROOM**

PROJECT NUMBER
 17156

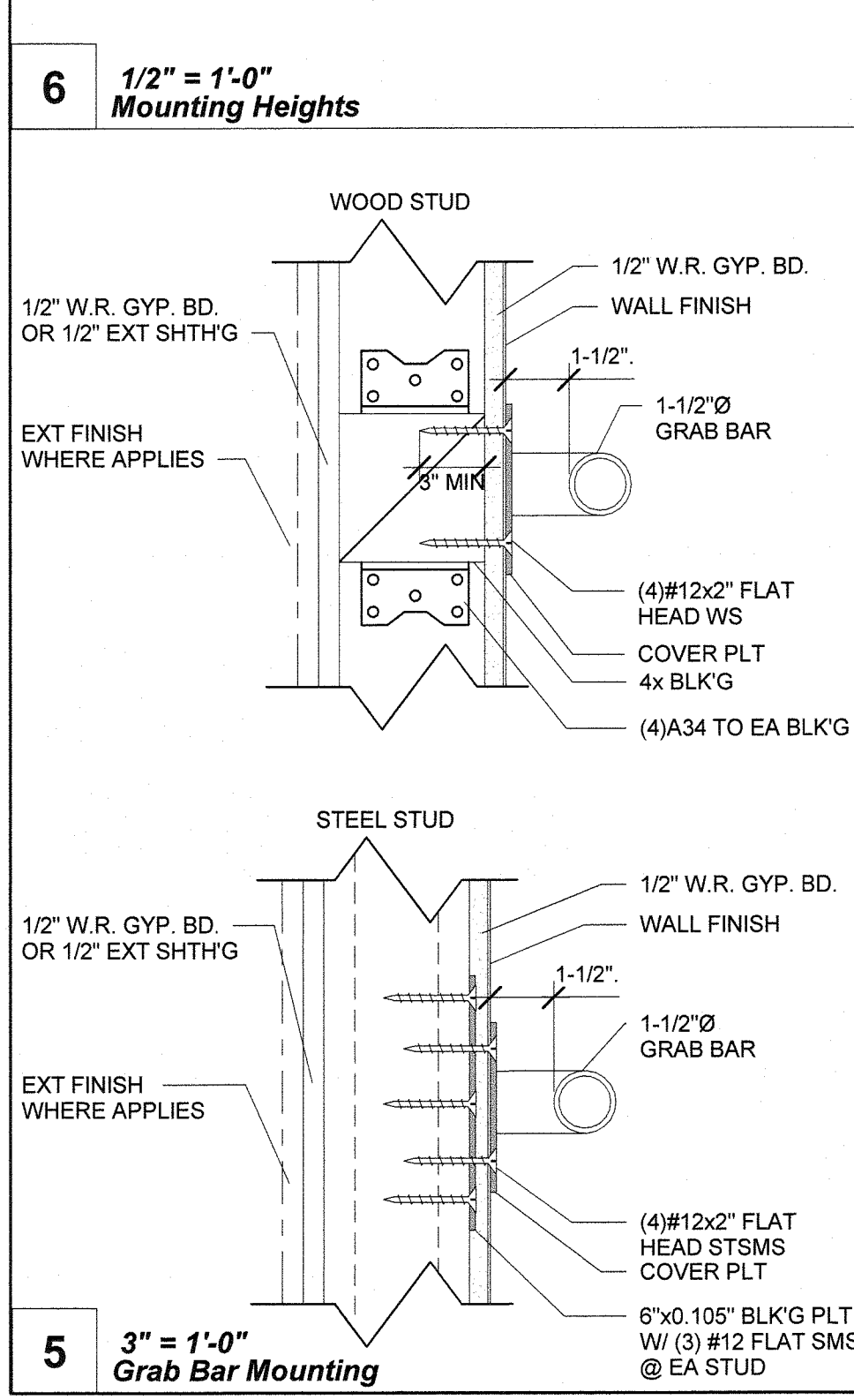
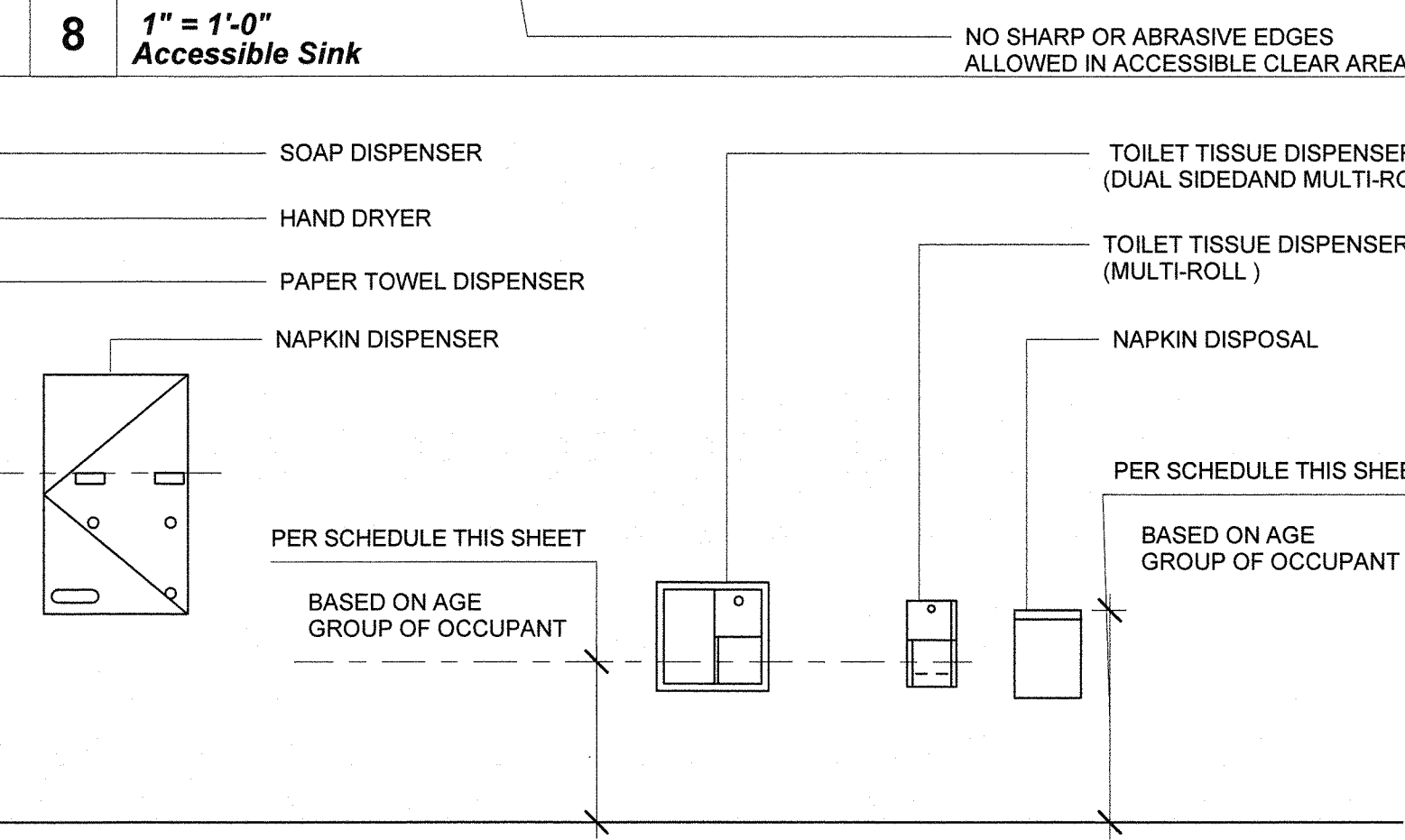
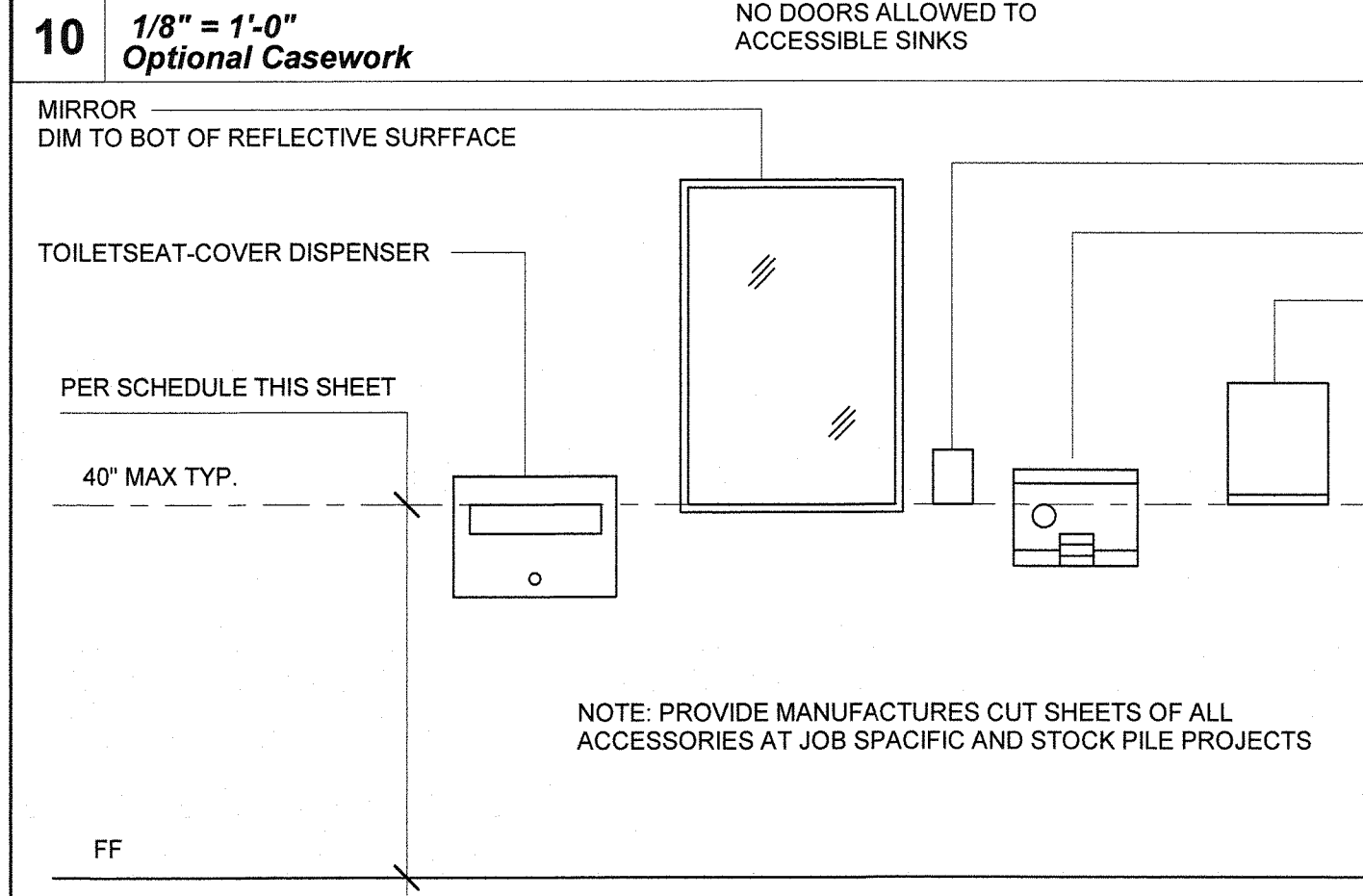
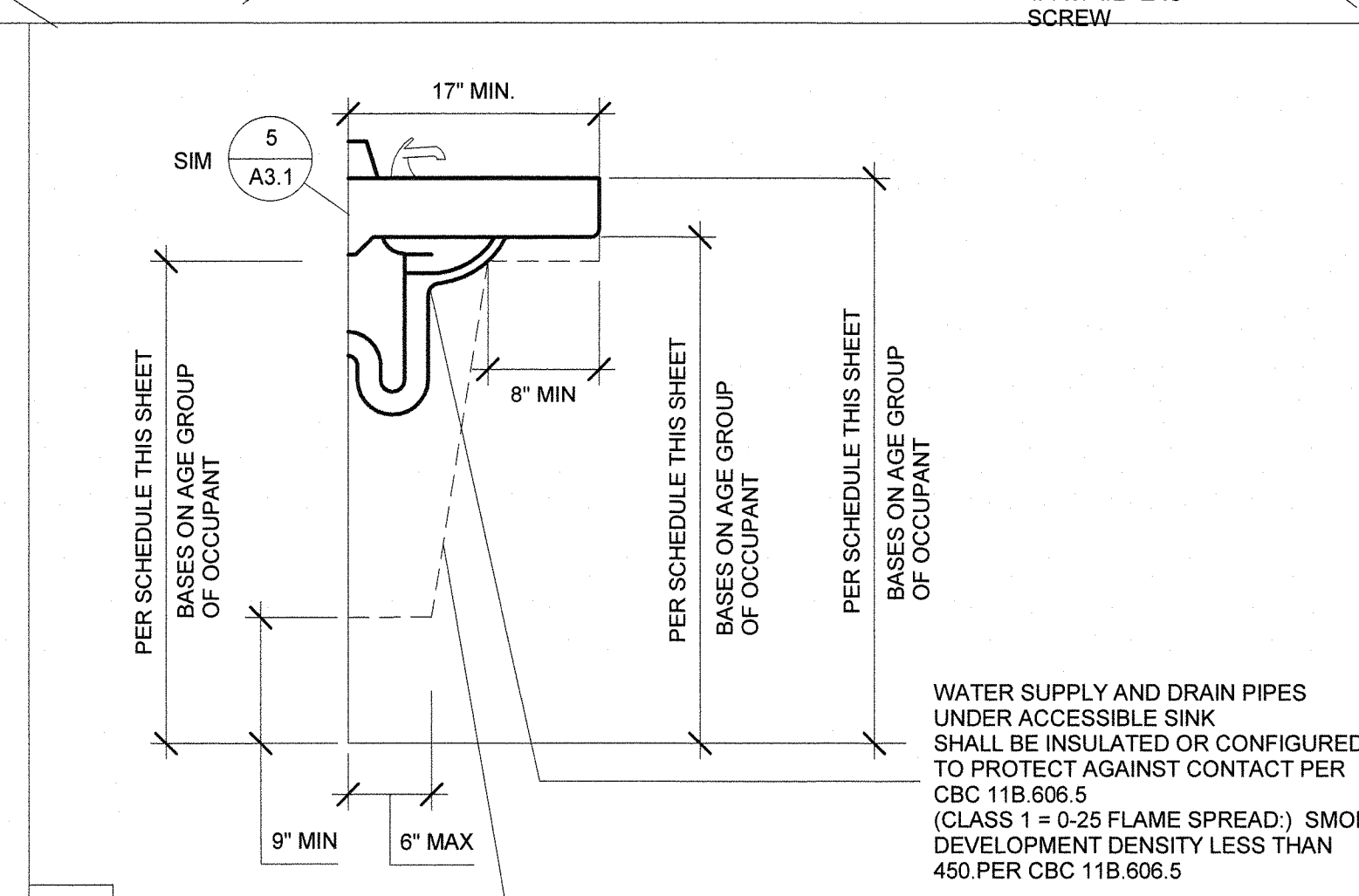
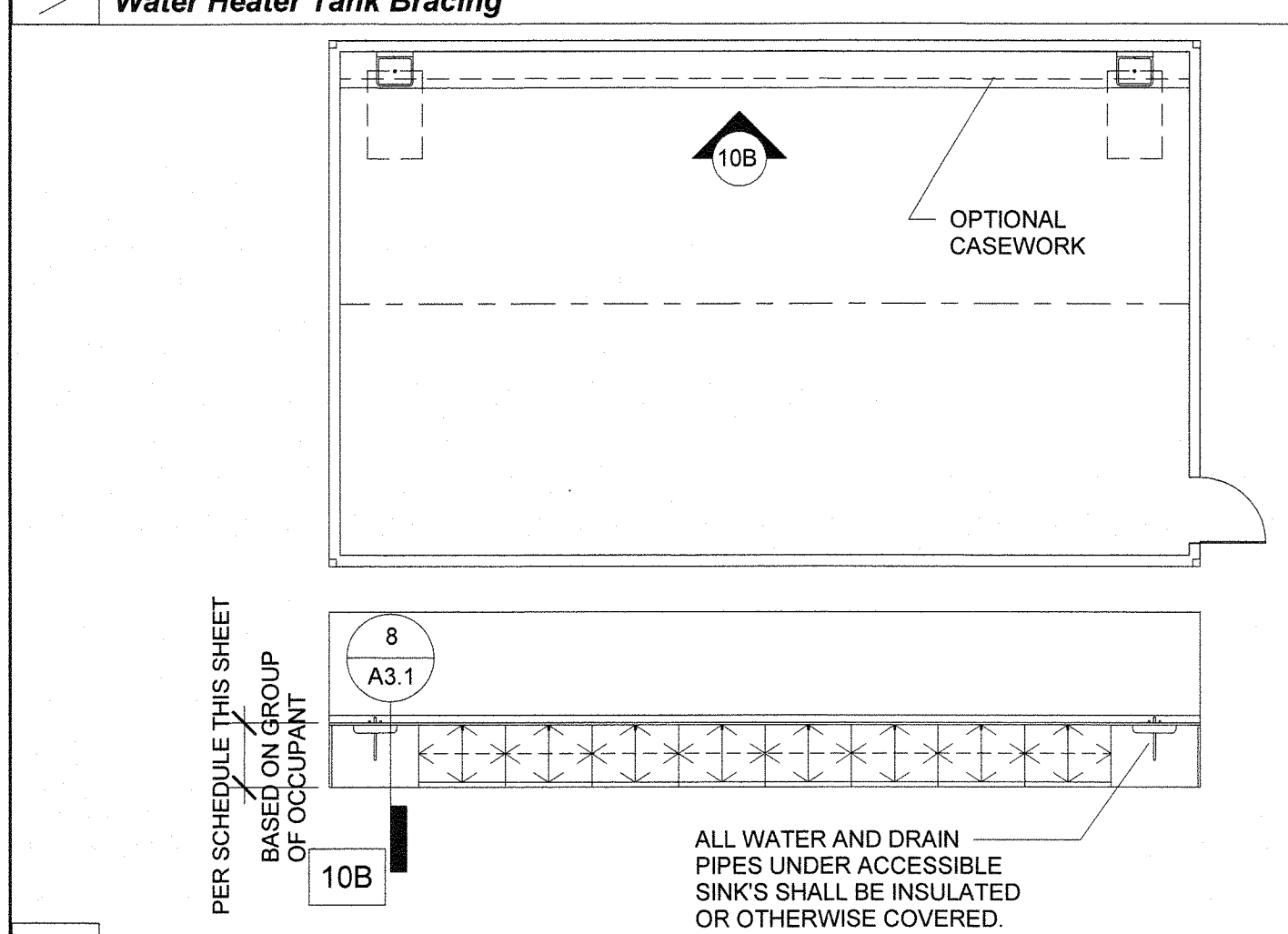
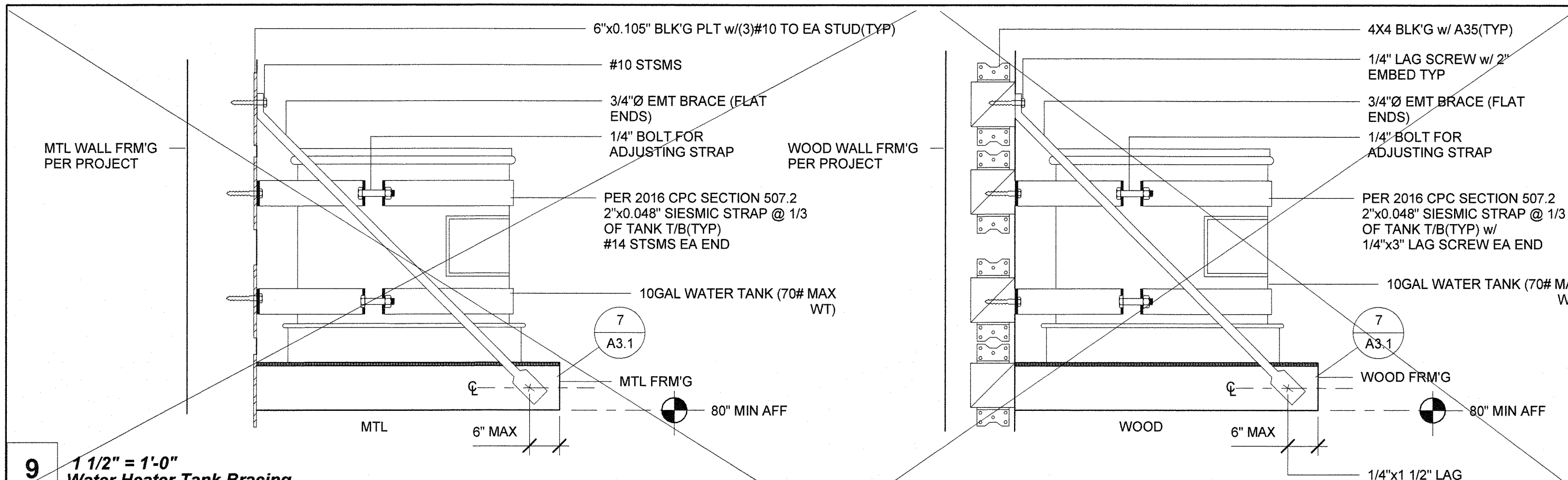
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DATE
 05/21/2018

SHEET NO.
A3.1

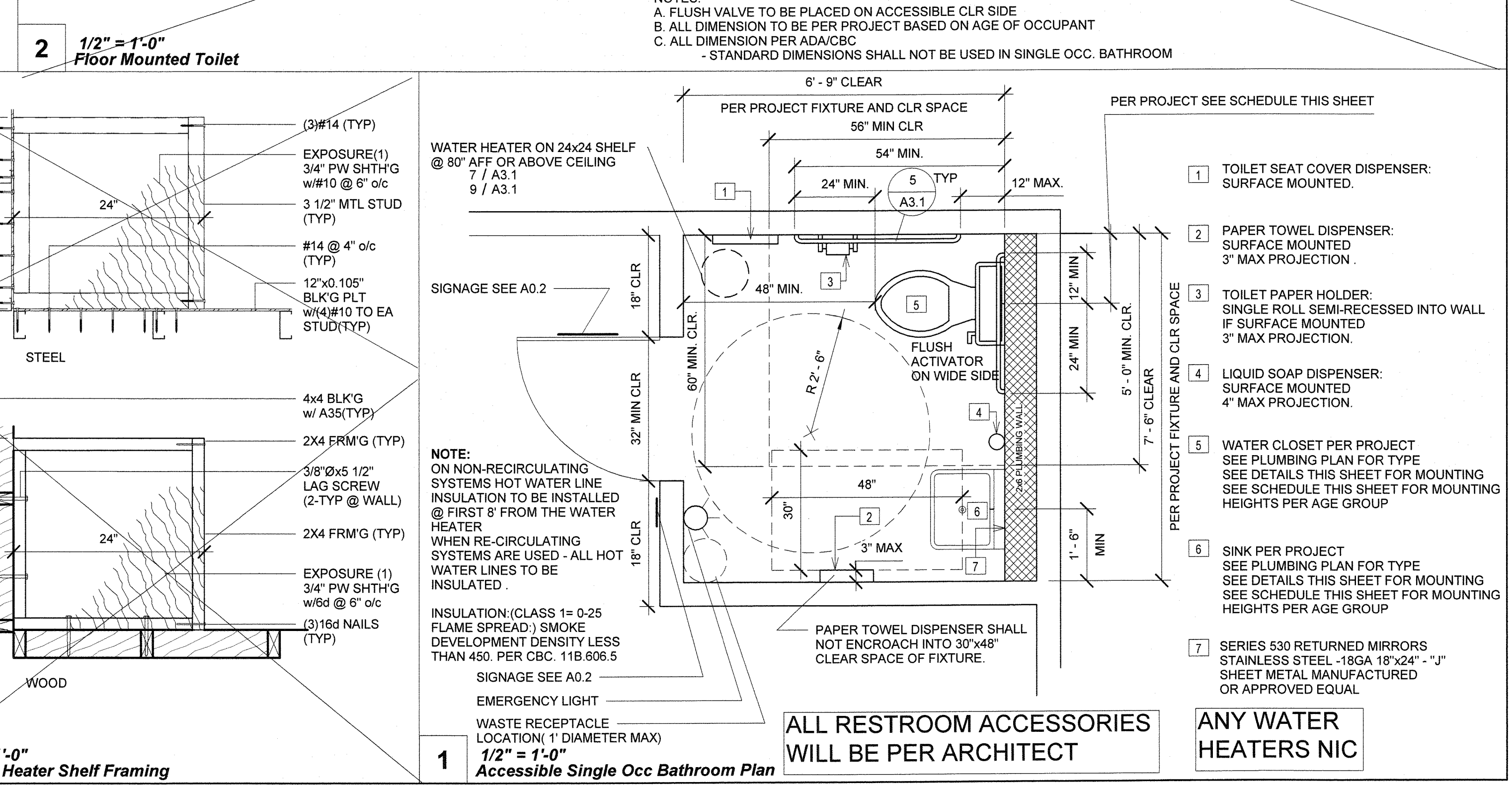
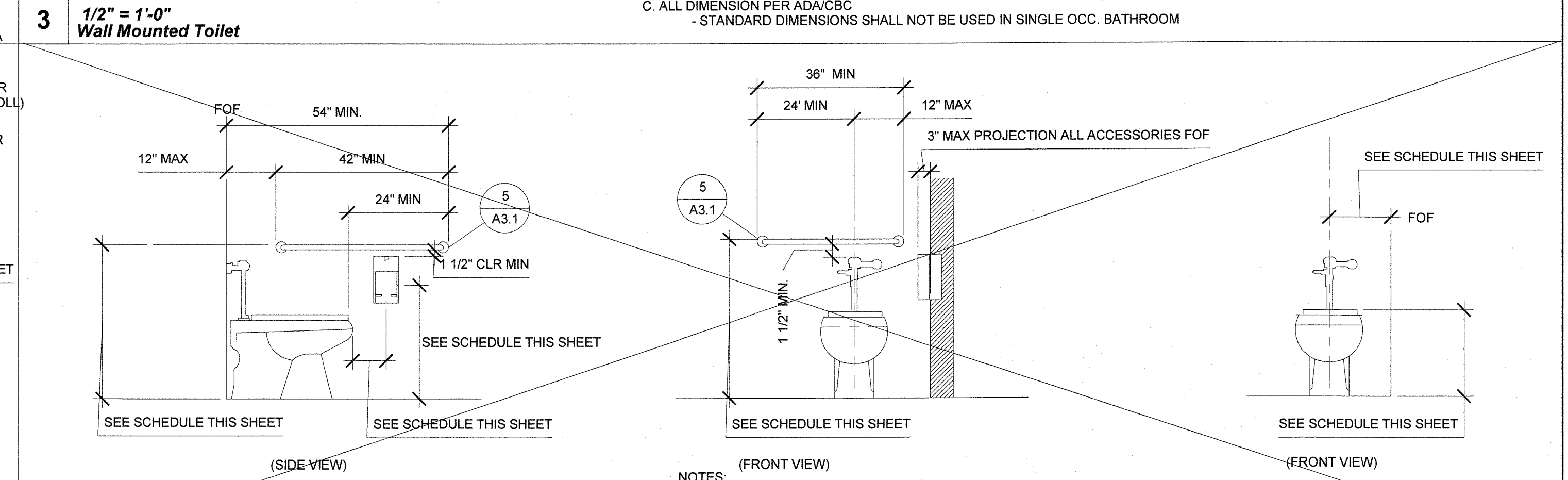
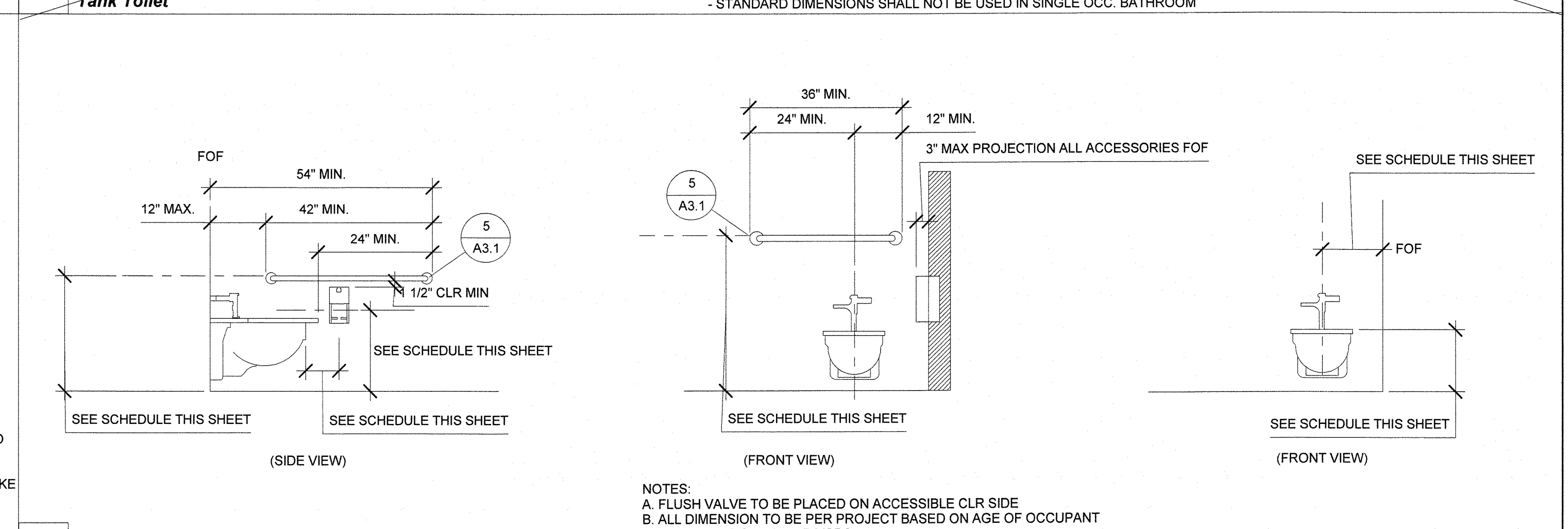
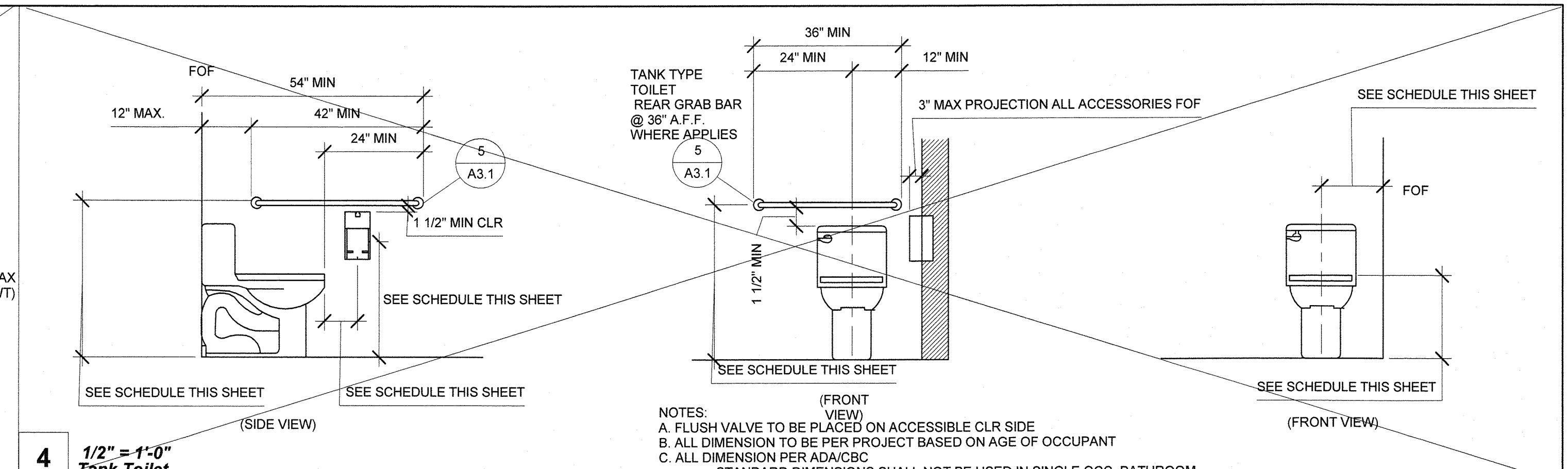
SHEET OF SHEETS



RECOMMENDED ACCESSIBLE MOUNTING HEIGHT PER CBC TABLE 11B609.4

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

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



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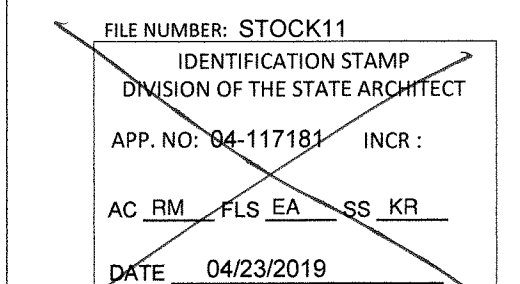
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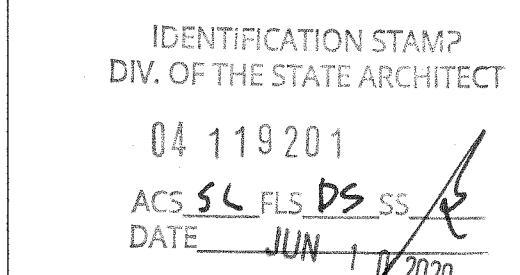


ORIGINAL PC STATE AGENCY APPROVAL



PROJECT TITLE
**30' x 32'
 EXPANDABLE TO
 150' x 32'**

PROJECT SPECIFIC STATE AGENCY APPROVAL



Revision Schedule

#	Description	Date

SHEET TITLE
RCP

PROJECT NUMBER
 17156

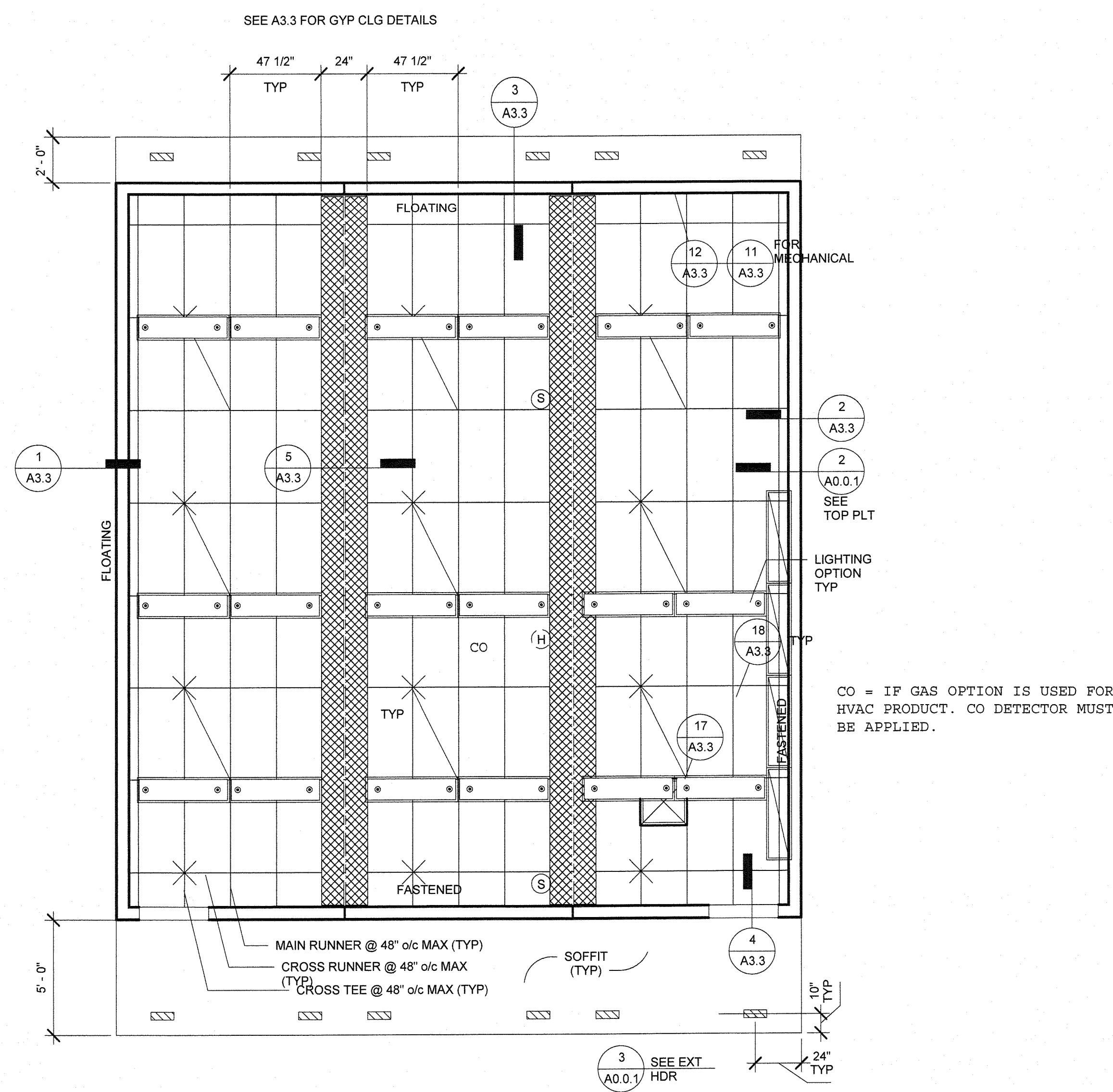
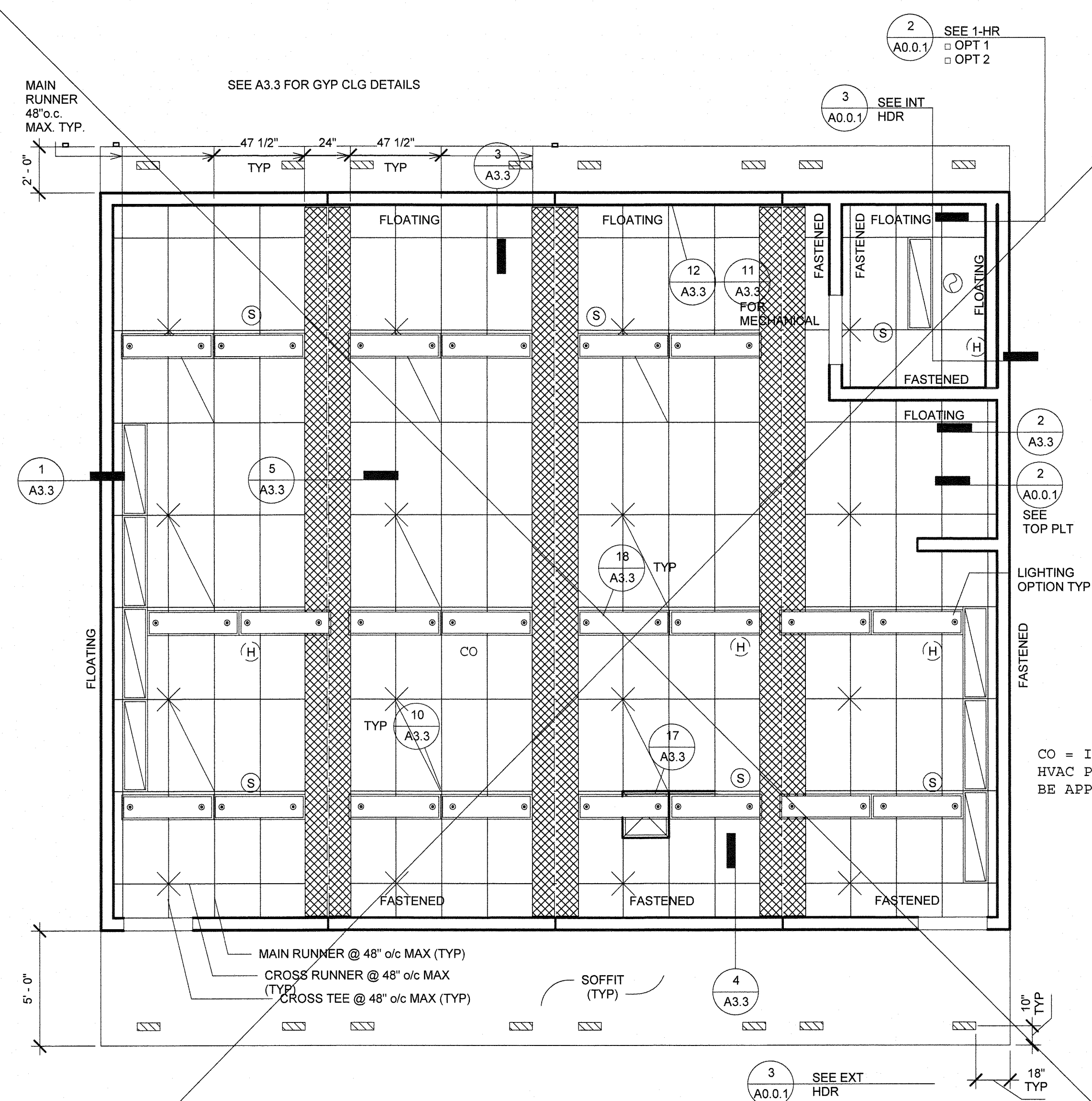
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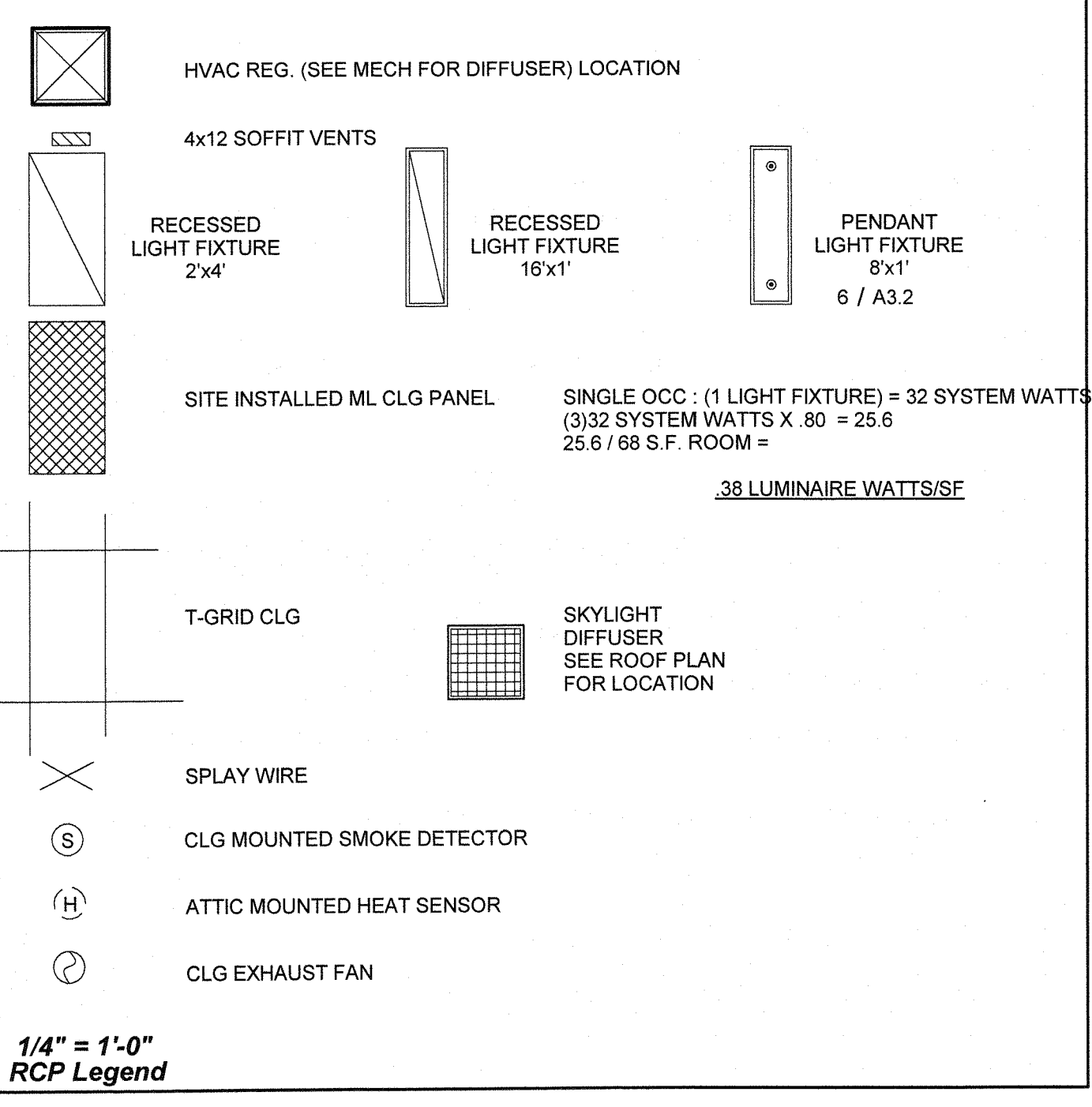
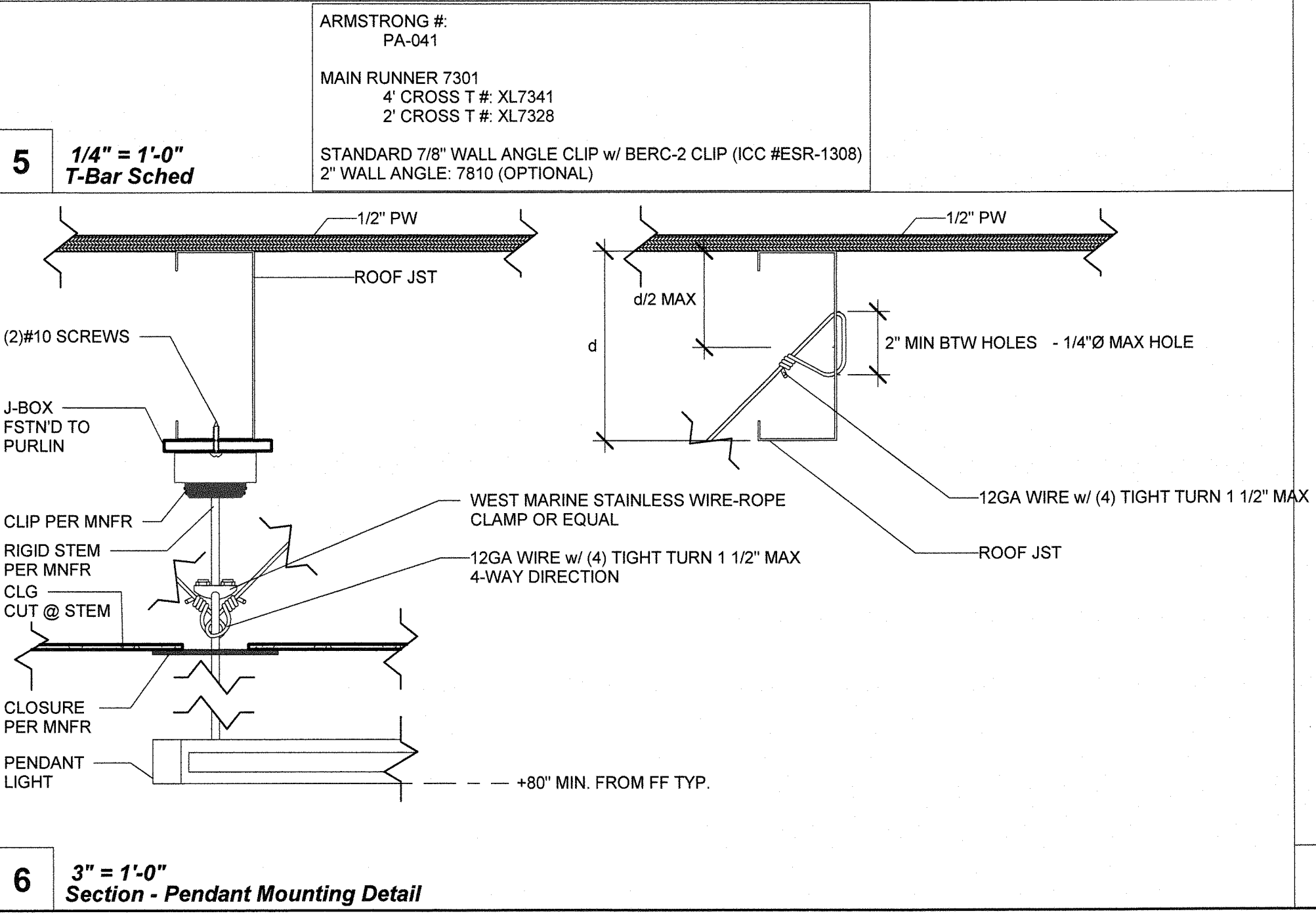
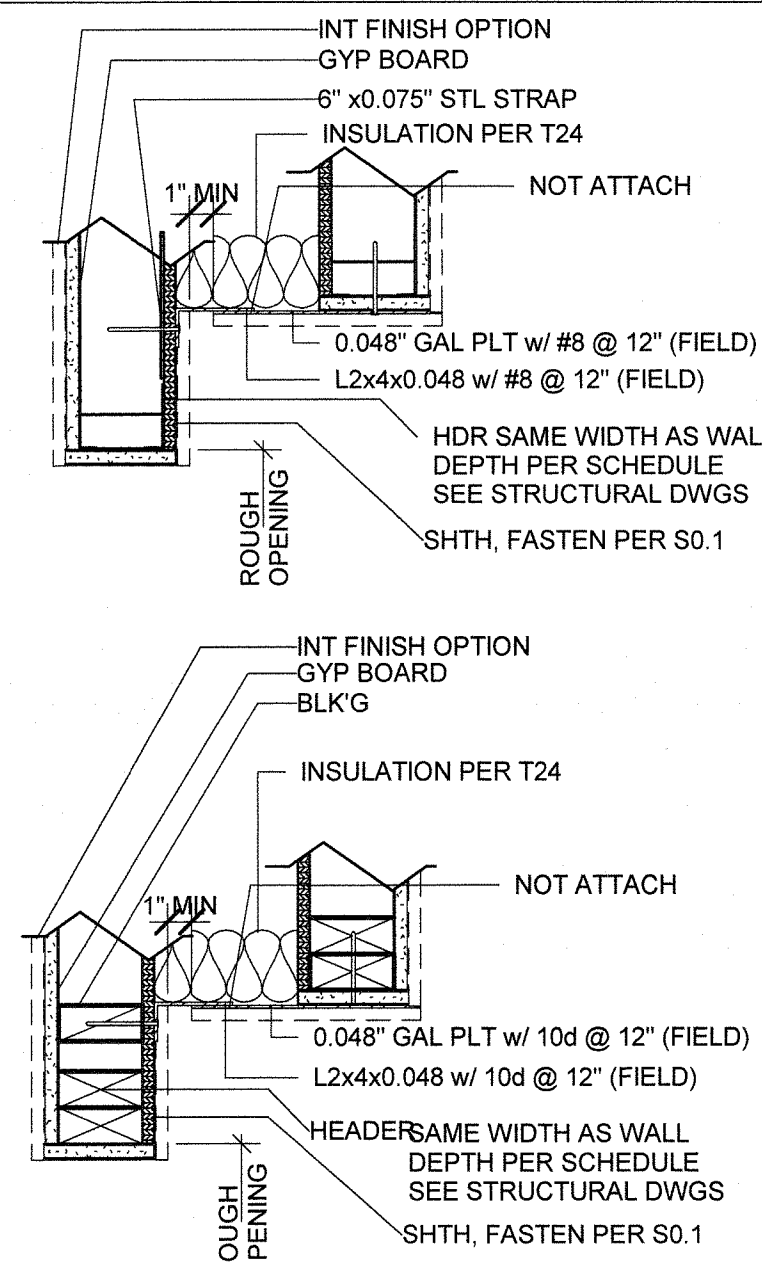
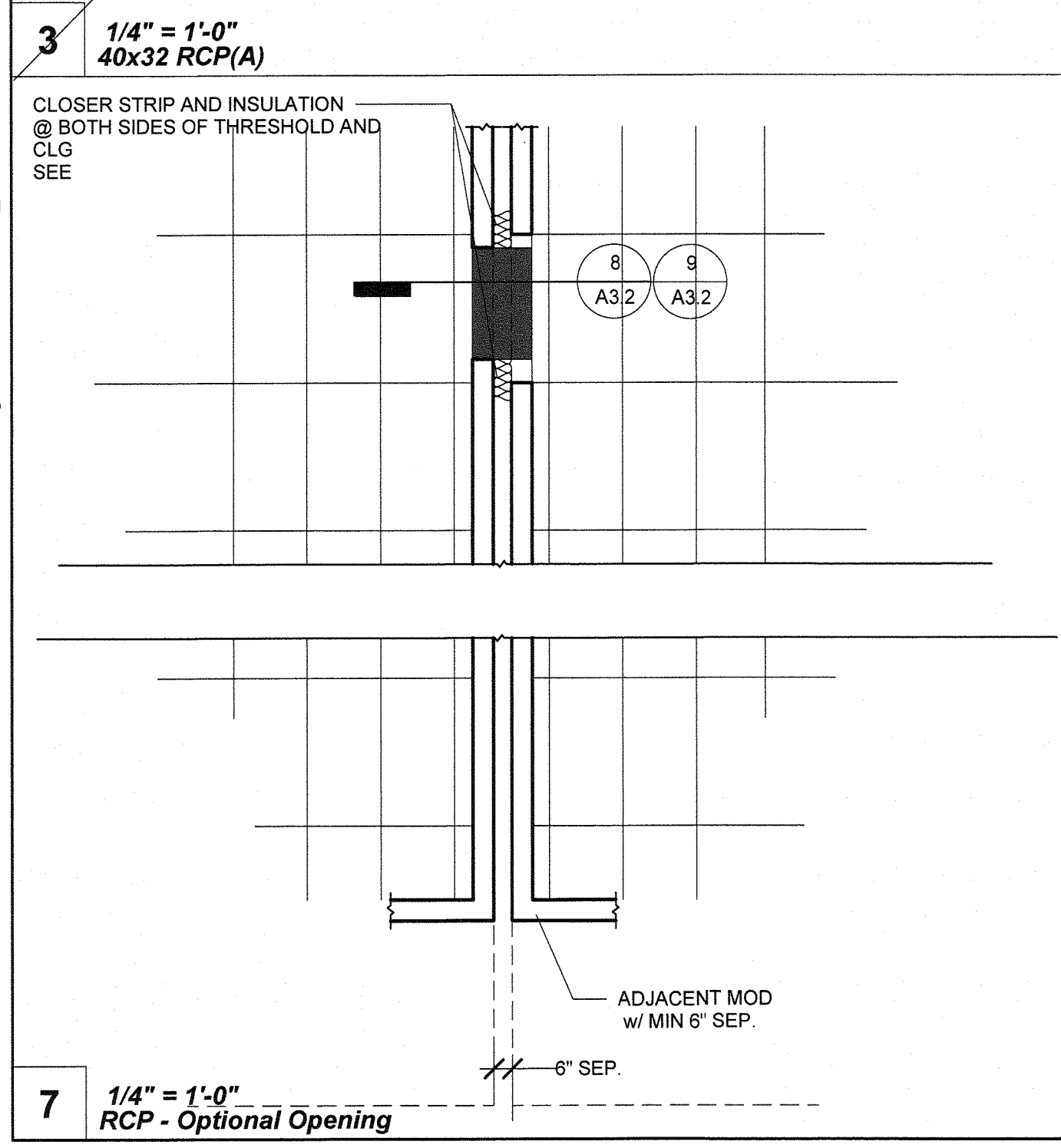
DATE
 10.12.2018

SHEET NO.
A3.2

SHEET OF SHEETS



SEE ALT SHEETS FOR FLOOR CONFIGURATION



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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		Sheet No.
Sheet Title: Ceiling Notes	rev. 09-21-15	1.00

DSA IR 25-2.13 - Appendix A (rev 09/21/15) 3 of 51

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: not applicable
 - 4.03 Power-Actuated Fasteners shall be: not applicable
 - 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		Sheet No.
Sheet Title: Ceiling Notes	rev. 09-21-15	1.01

DSA IR 25-2.13 - Appendix A (rev 09/21/15) 4 of 51

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		Sheet No.
Sheet Title: Ceiling Notes	rev. 09-21-15	1.02

DSA IR 25-2.13 - Appendix A (rev 09/21/15) 5 of 51

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		Sheet No.
Sheet Title: Ceiling Notes	rev. 09-21-15	1.03

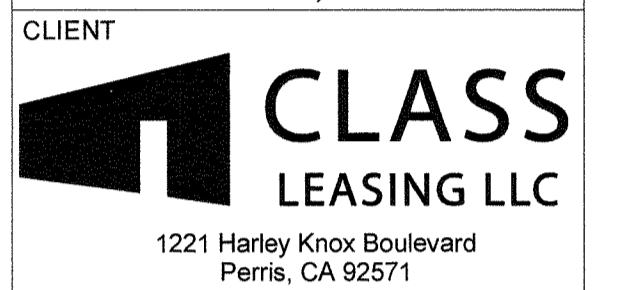
DSA IR 25-2.13 - Appendix A (rev 09/21/15) 6 of 51



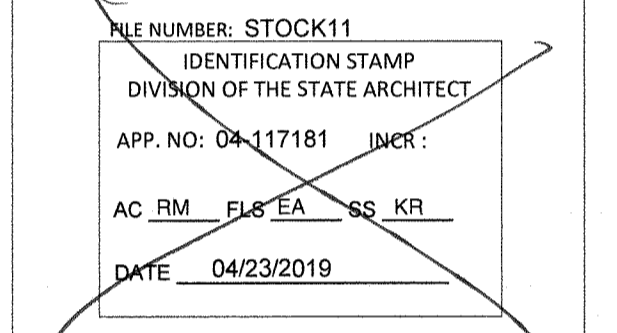
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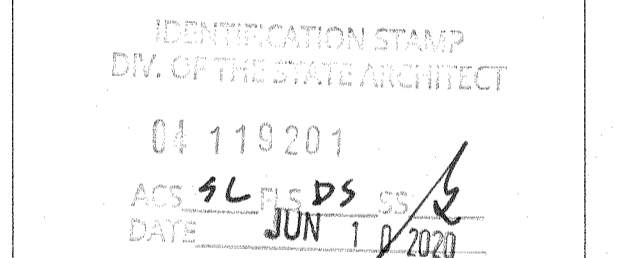
ORIGINAL PC STATE AGENCY APPROVAL



PROJECT TITLE

30' x 32'
EXPANDABLE TO
150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL



Revision Schedule

#	Description	Date

SHEET TITLE
CEILING NOTES

PROJECT NUMBER

17156

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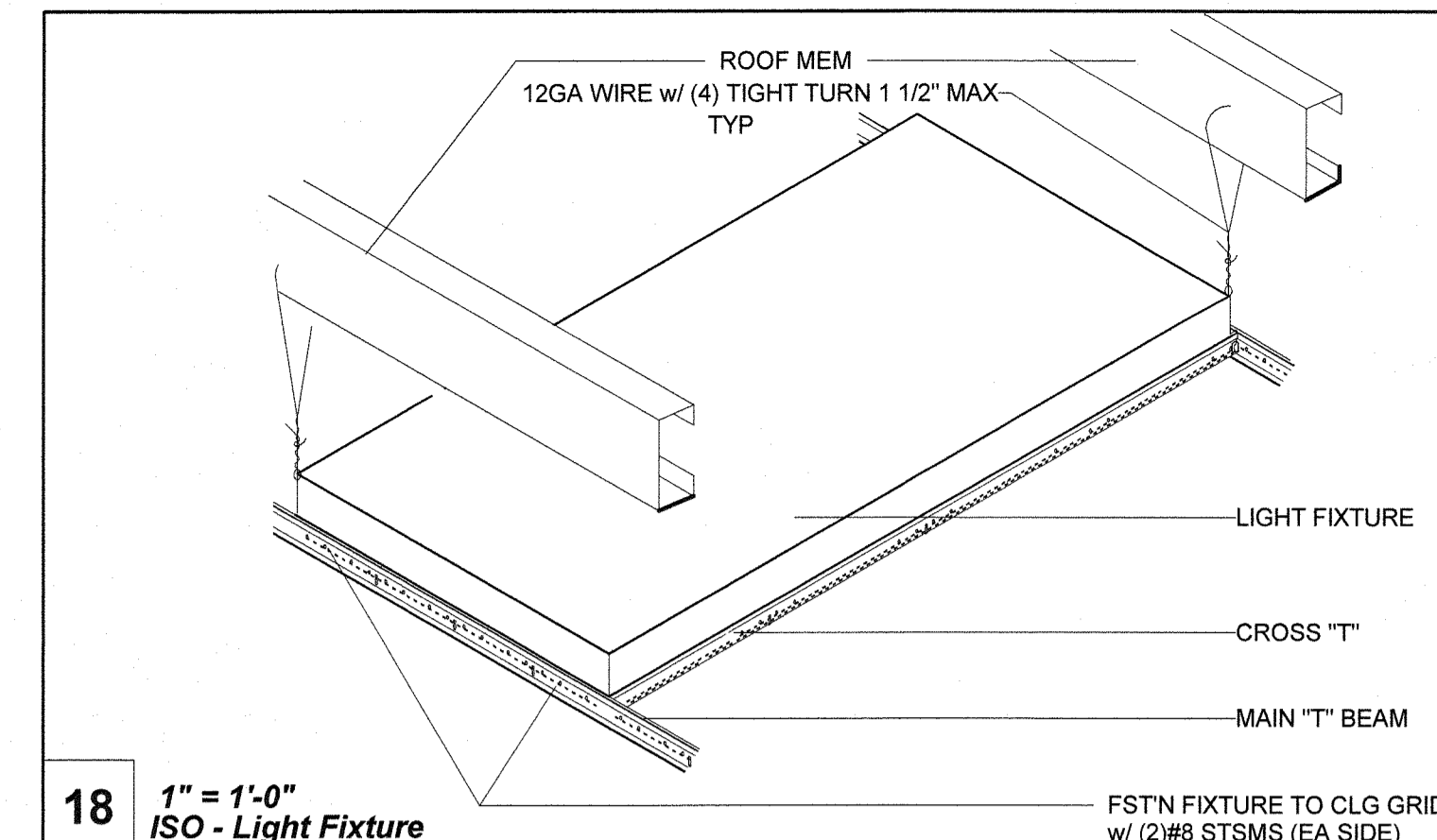
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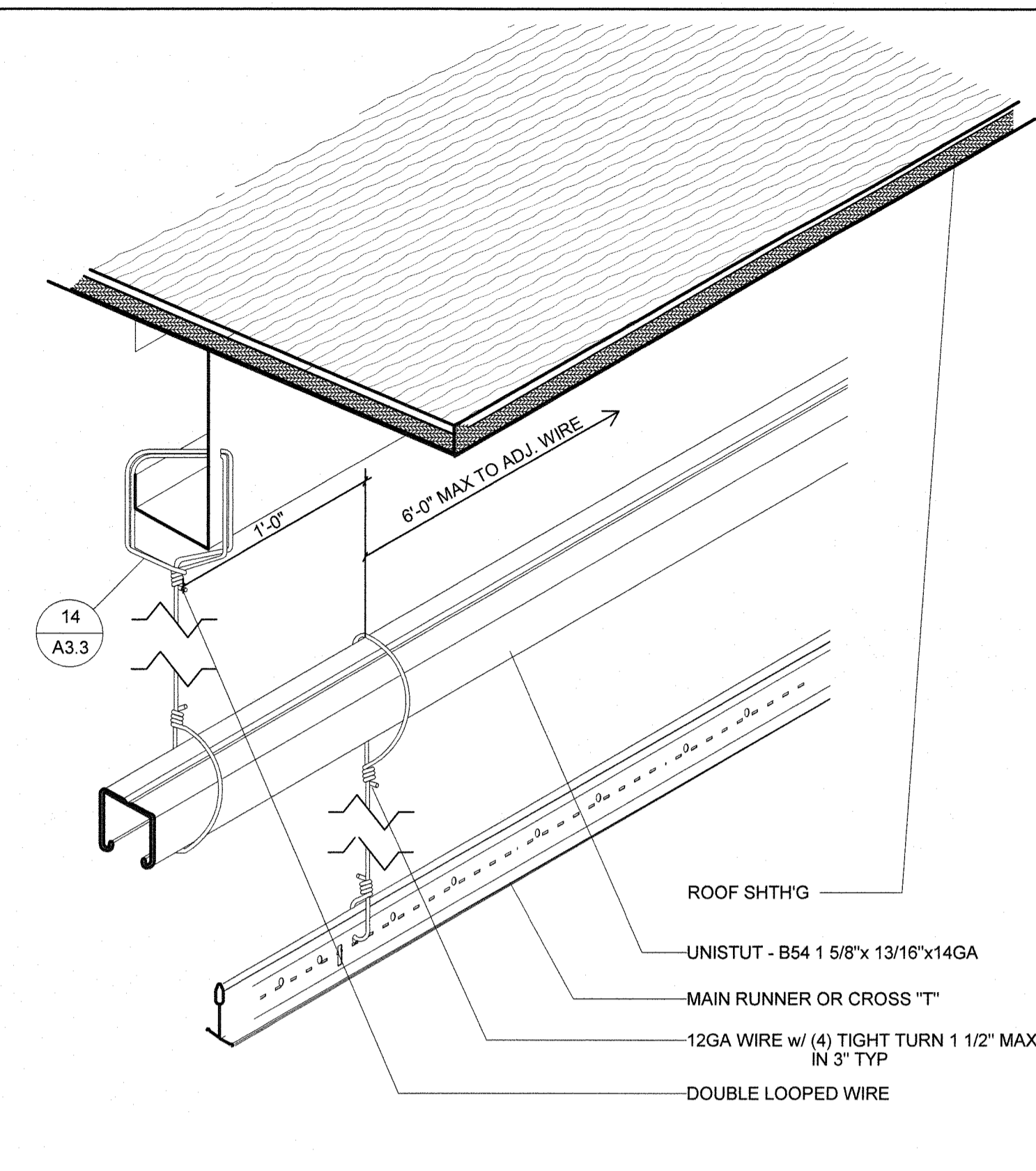
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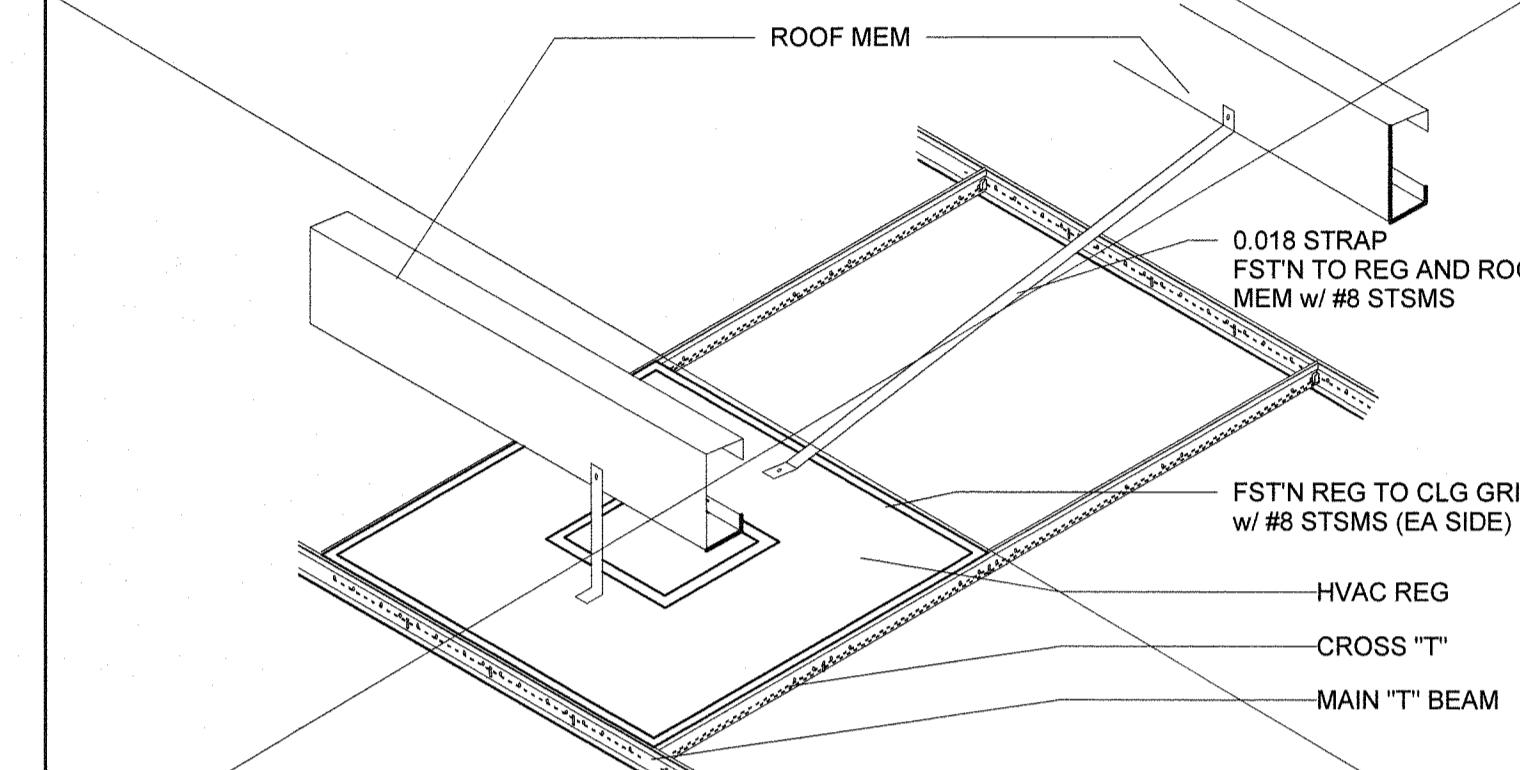
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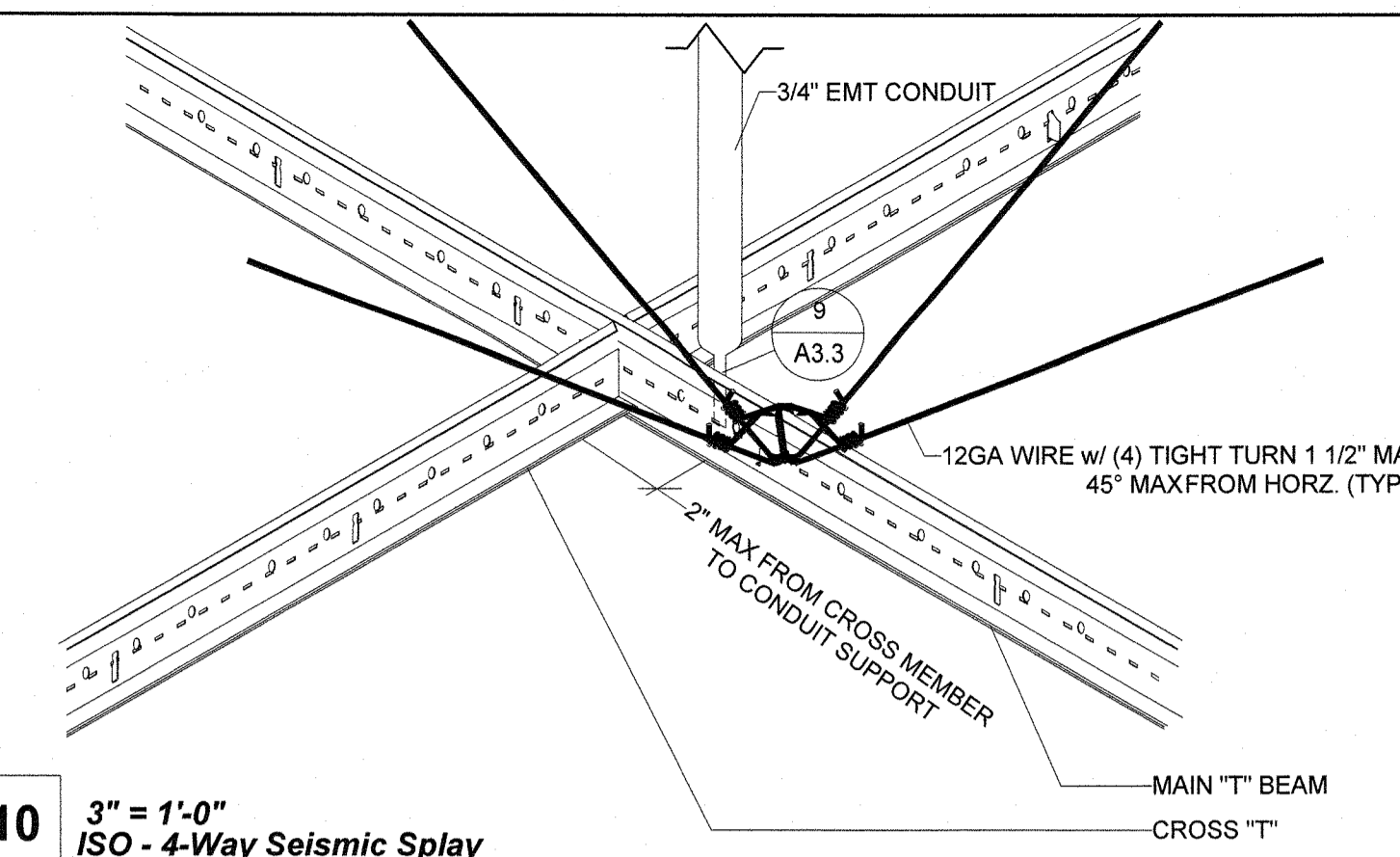
18 1" = 1'-0" ISO - Light Fixture



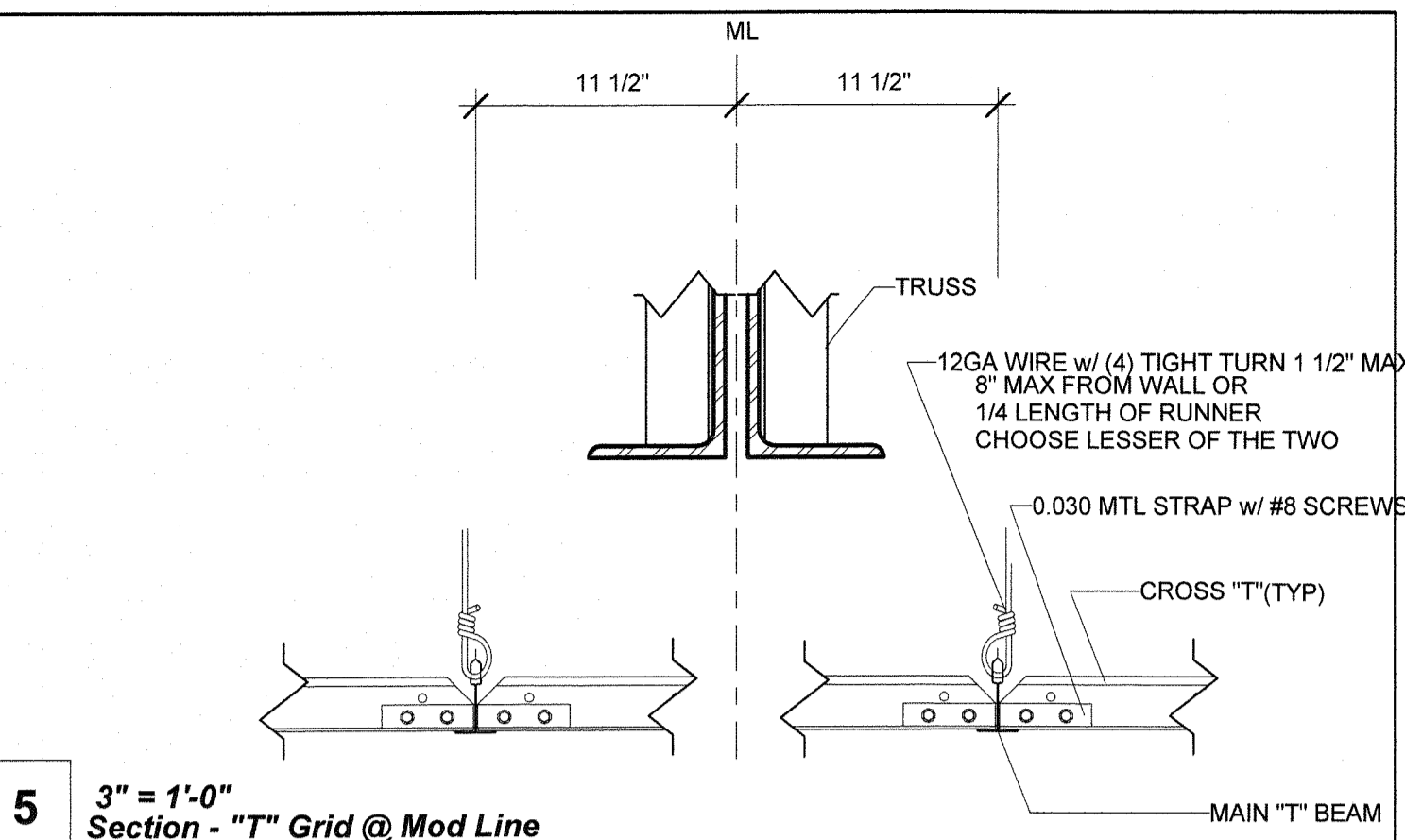
14 3" = 1'-0" ISO - Trapeze Condition



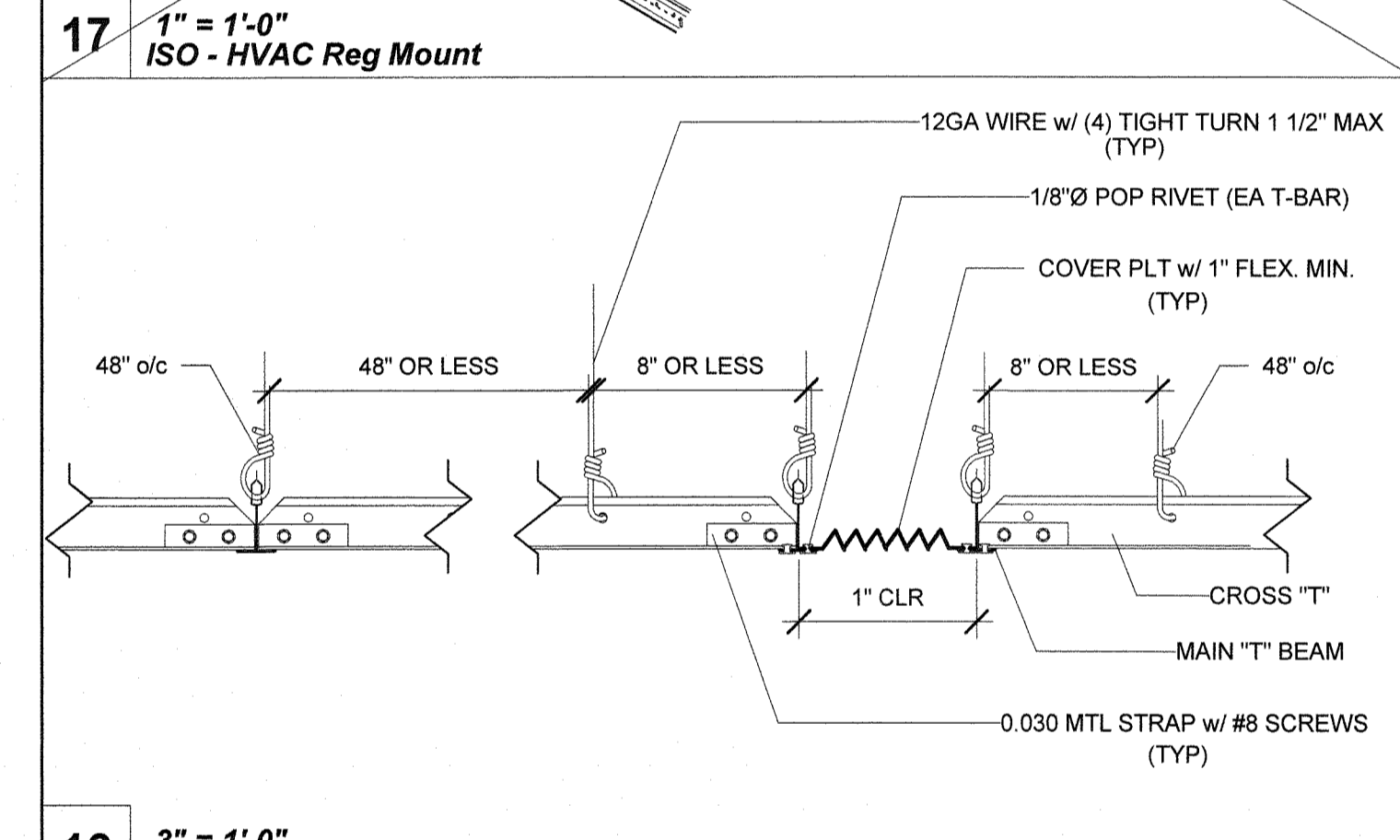
17 1" = 1'-0" ISO - HVAC Reg Mount



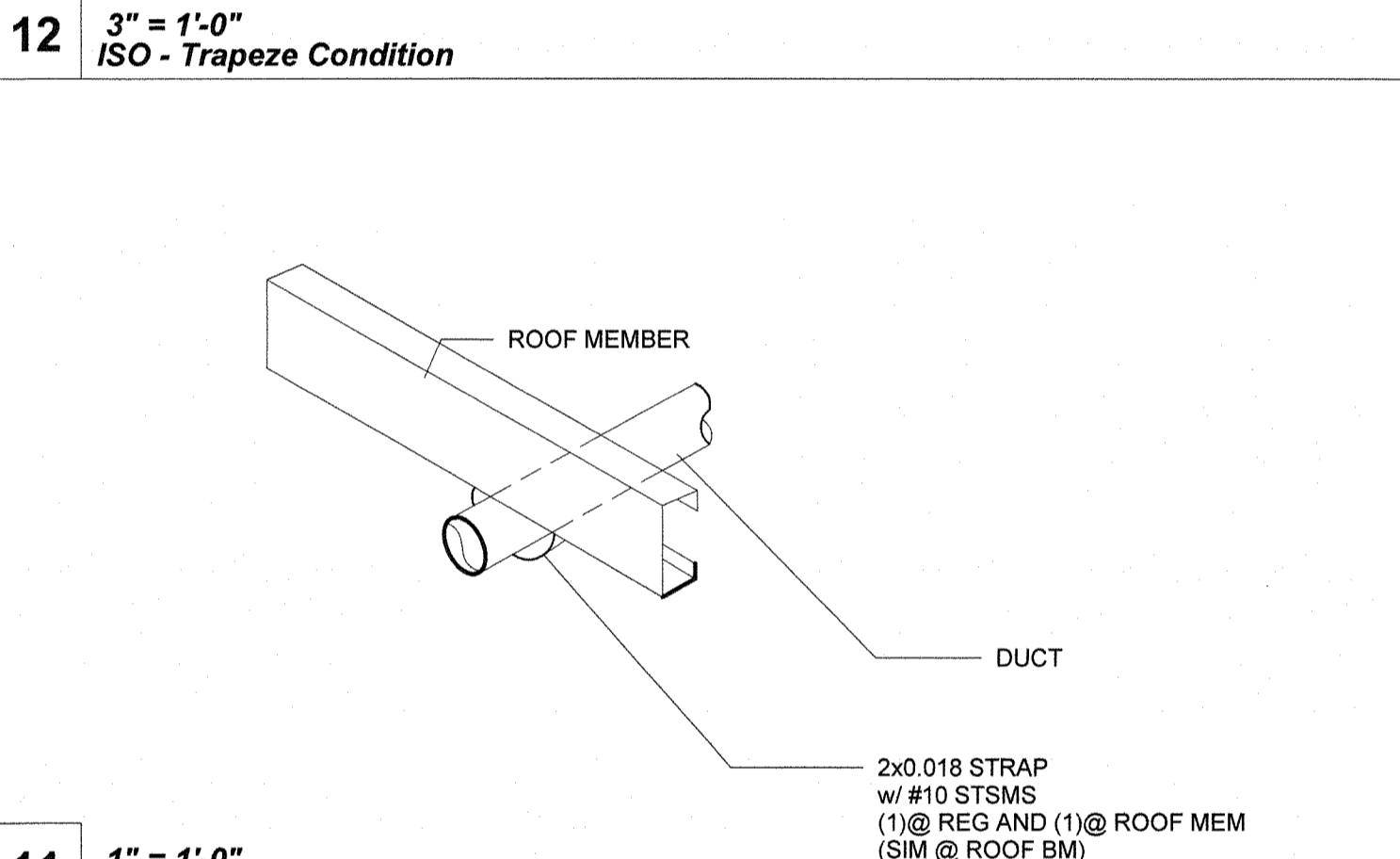
10 3" = 1'-0" ISO - 4-Way Seismic Splay



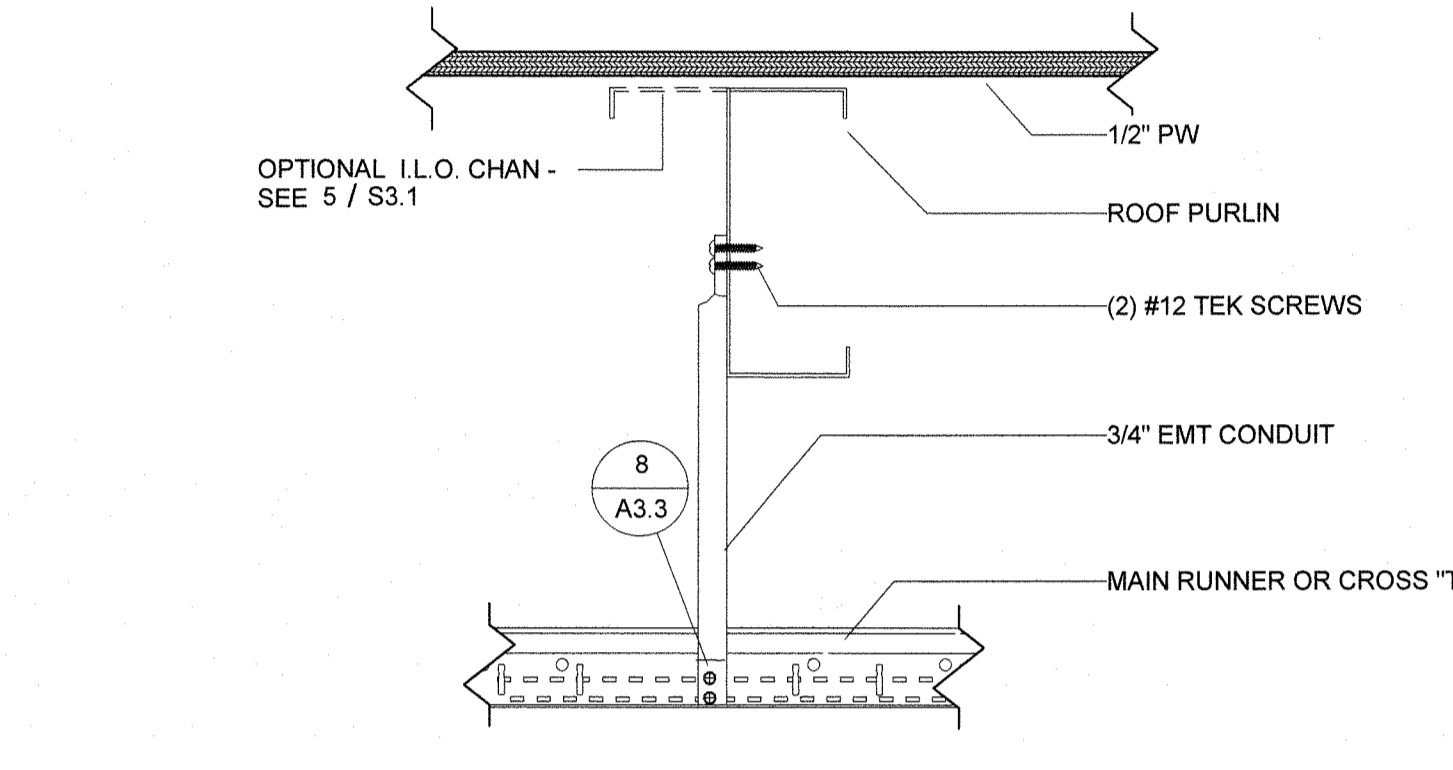
5 3" = 1'-0" Section - 'T' Grid @ Mod Line



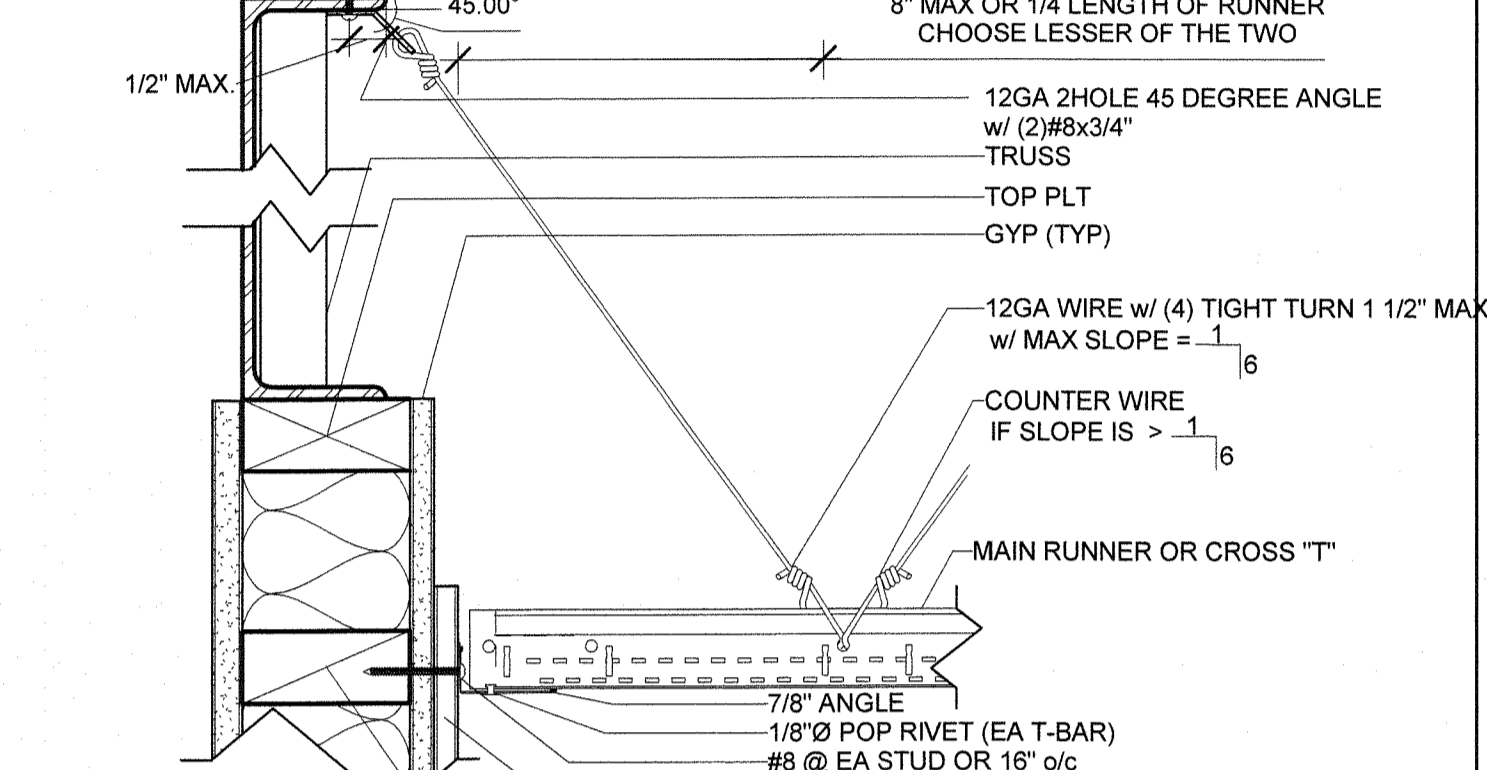
16 3" = 1'-0" Section - 'T' Grid @ Mod Line



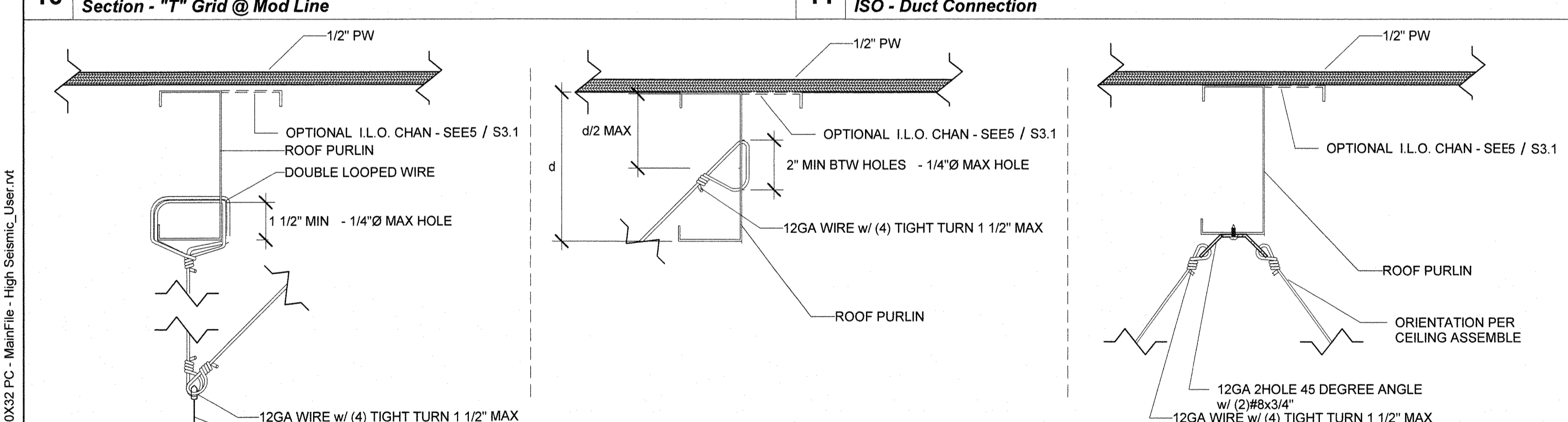
11 1" = 1'-0" ISO - Duct Connection



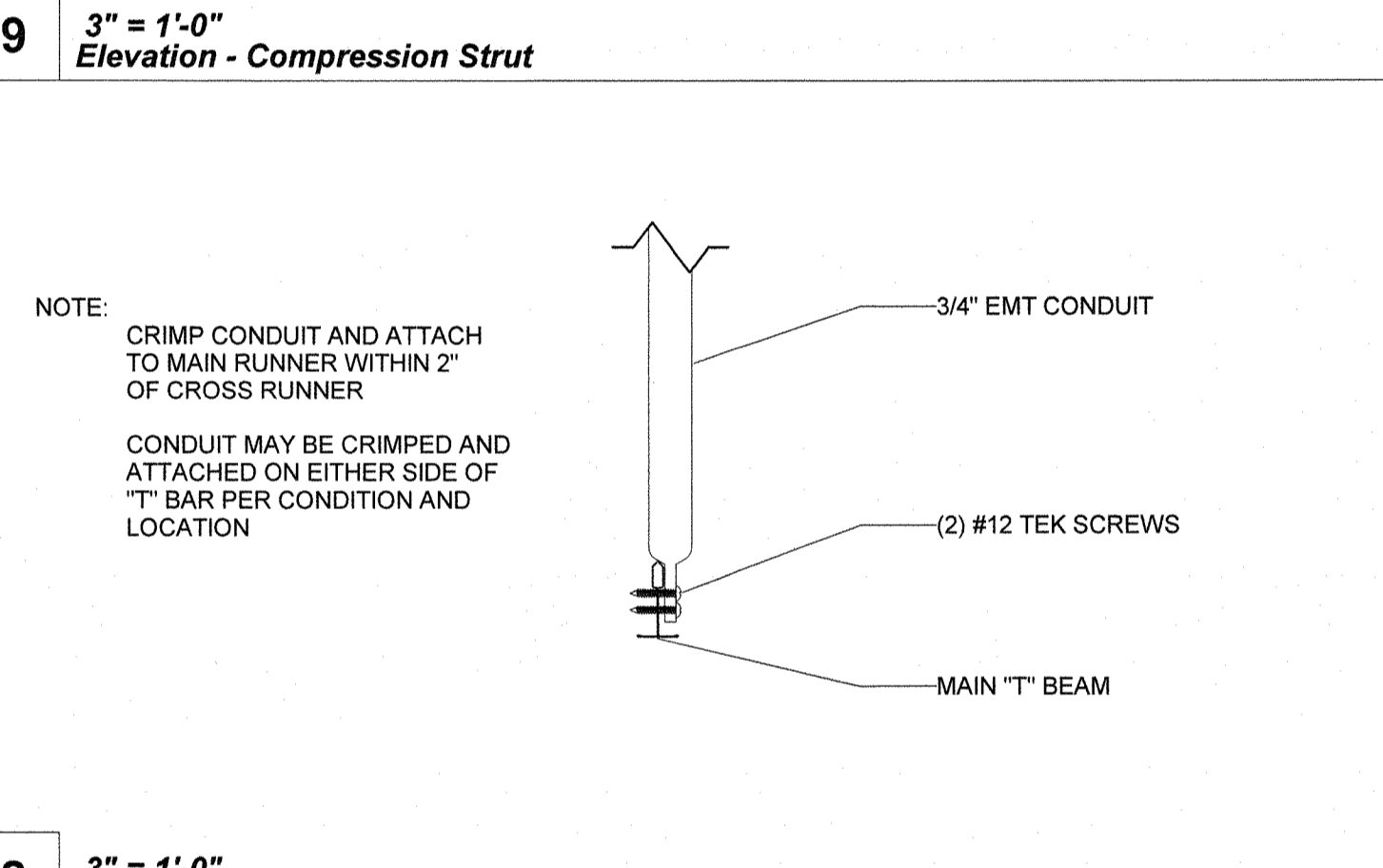
9 3" = 1'-0" Elevation - Compression Strut



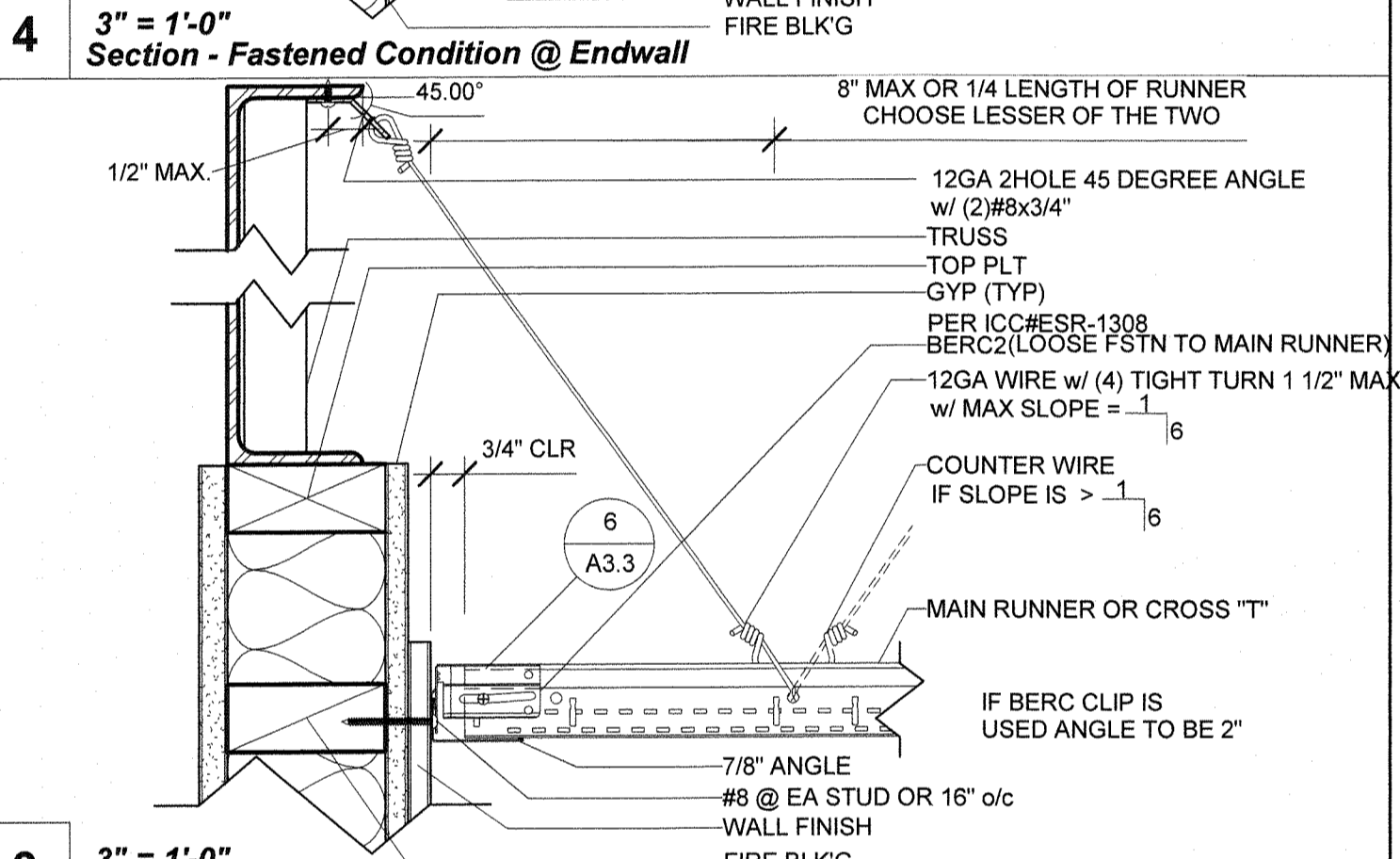
4 3" = 1'-0" Section - Fastened Condition @ Endwall



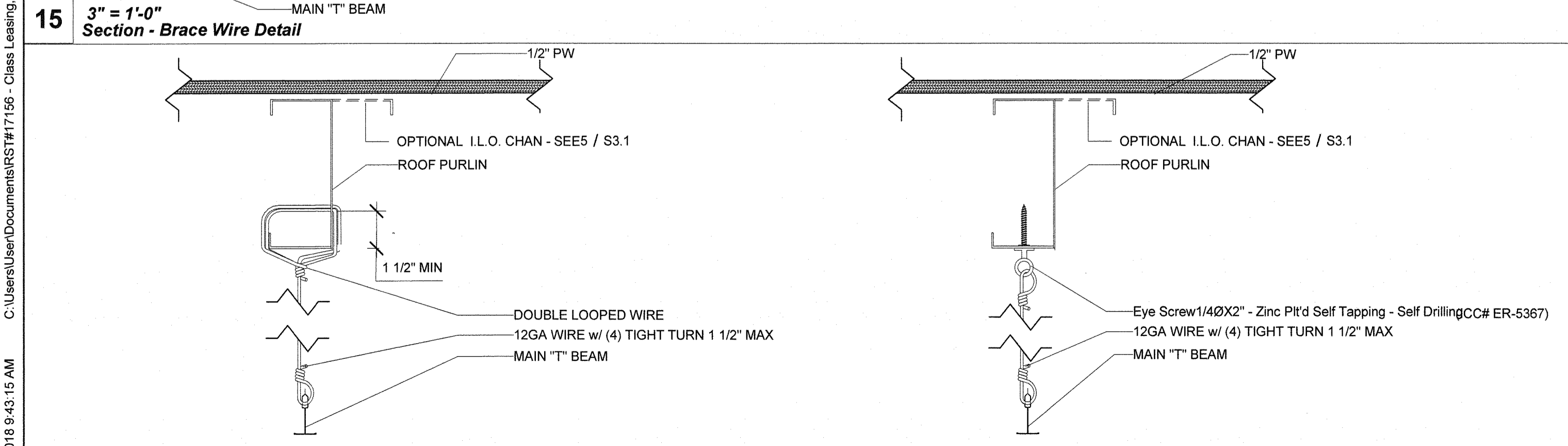
15 3" = 1'-0" Section - Brace Wire Detail



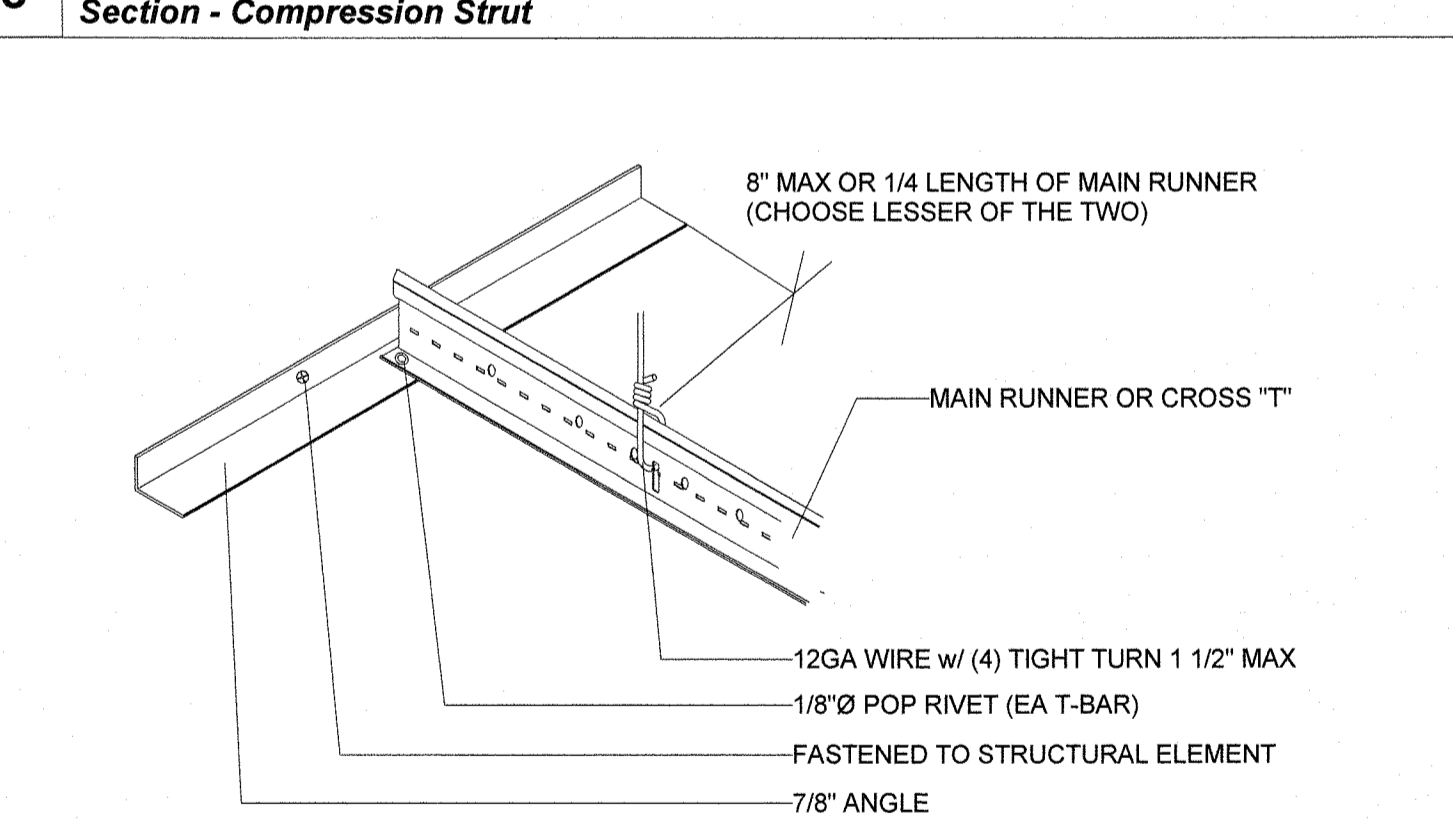
8 3" = 1'-0" Section - Compression Strut



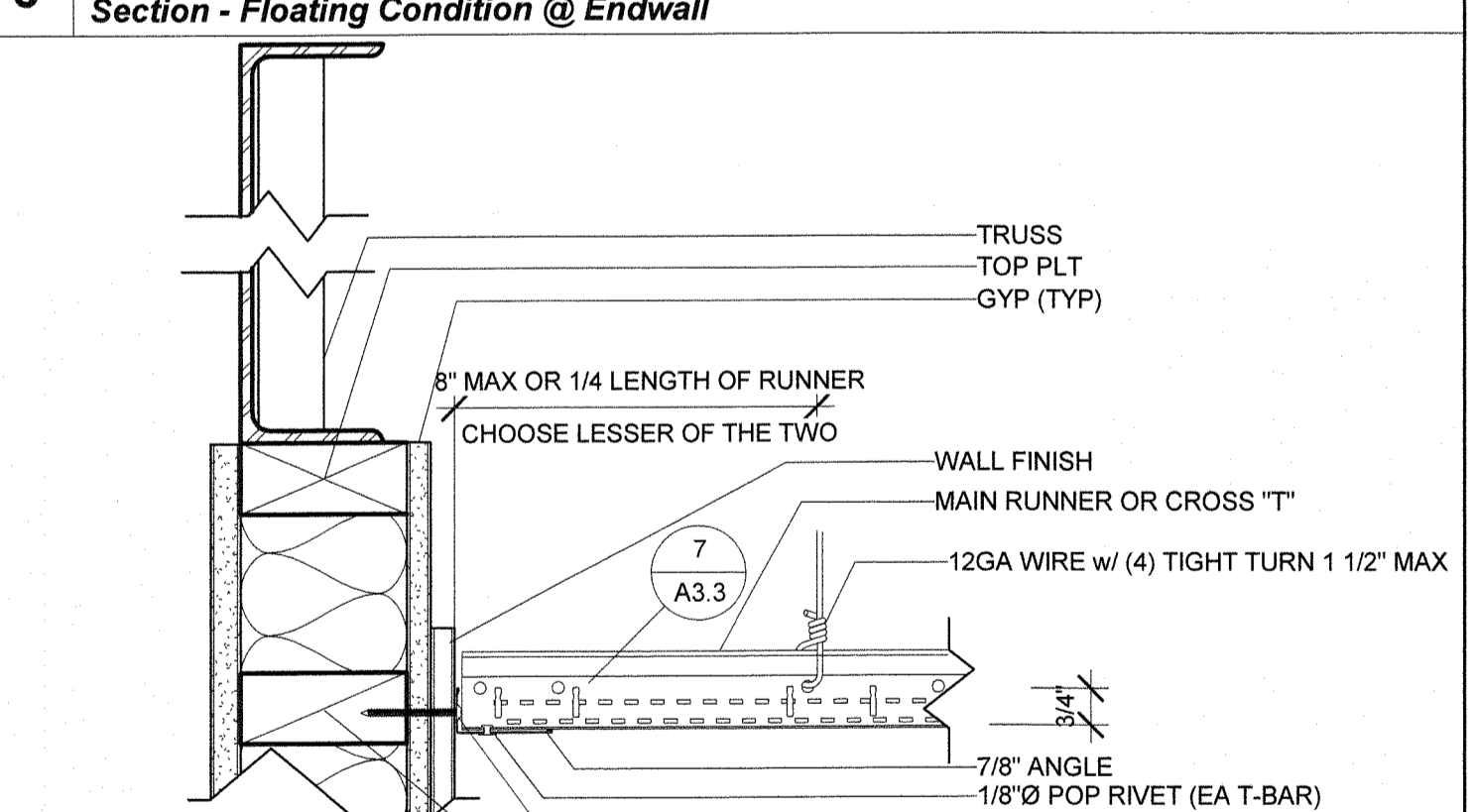
3 3" = 1'-0" Section - Floating Condition @ Endwall



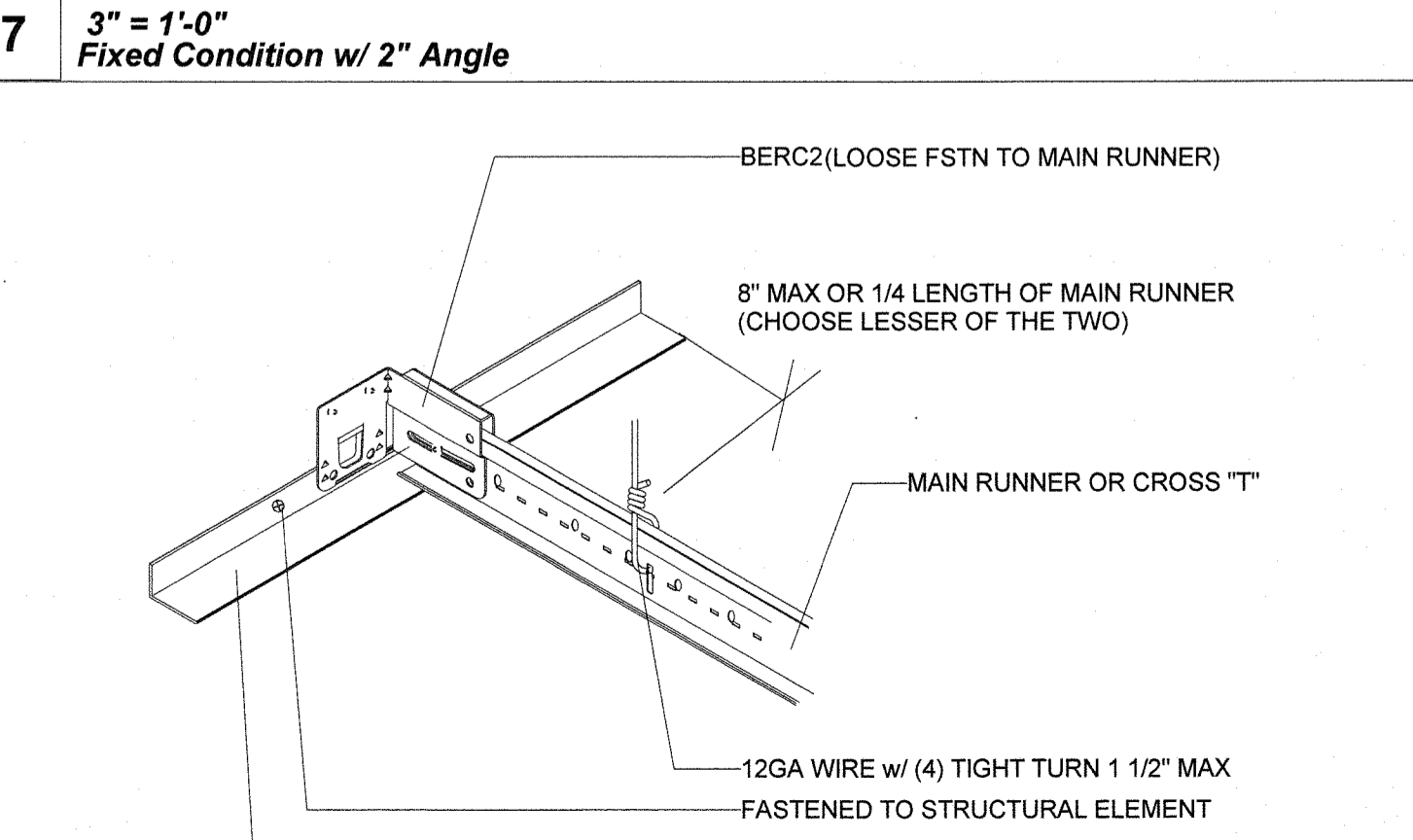
14 3" = 1'-0" Section - Hanger Wire Detail



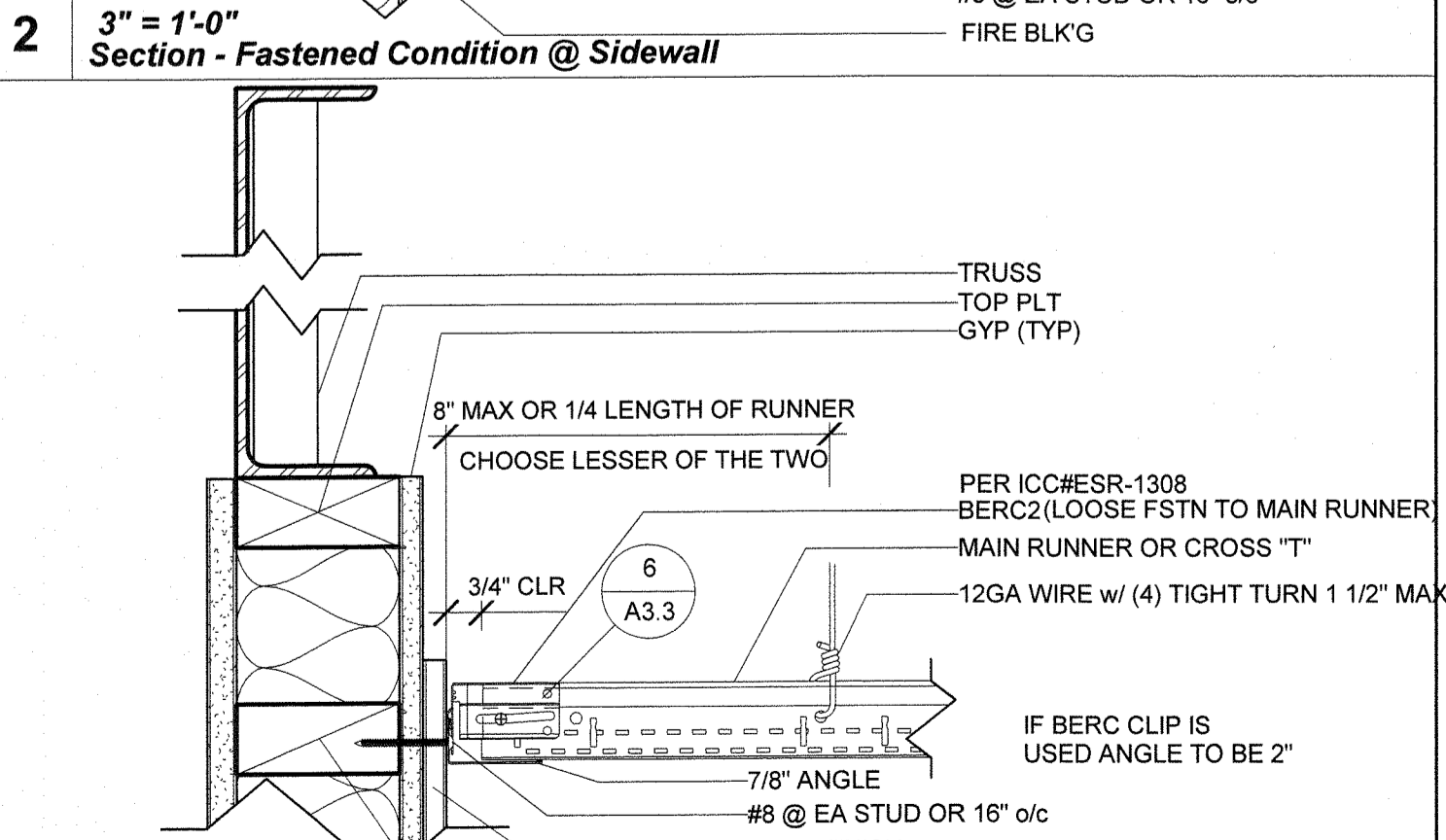
7 3" = 1'-0" Fixed Condition w/ 2" Angle



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



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

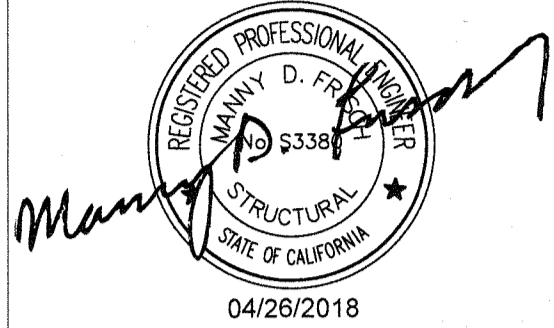


1 3" = 1'-0" Section - Floating Condition @ Sidewall

Revision Schedule		
#	Description	Date

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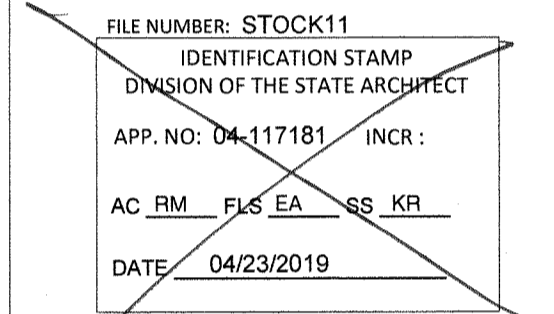
PROFESSIONAL STAMP



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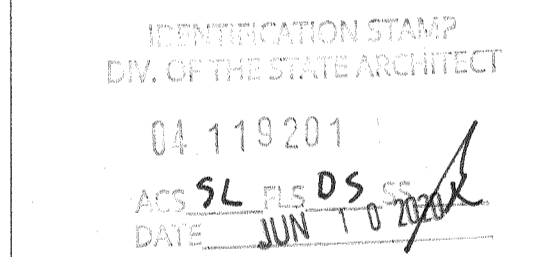


ORIGINAL PC STATE AGENCY APPROVAL



PROJECT TITLE
**30' x 32'
 EXPANDABLE TO
 150' x 32'**

PROJECT SPECIFIC STATE AGENCY APPROVAL



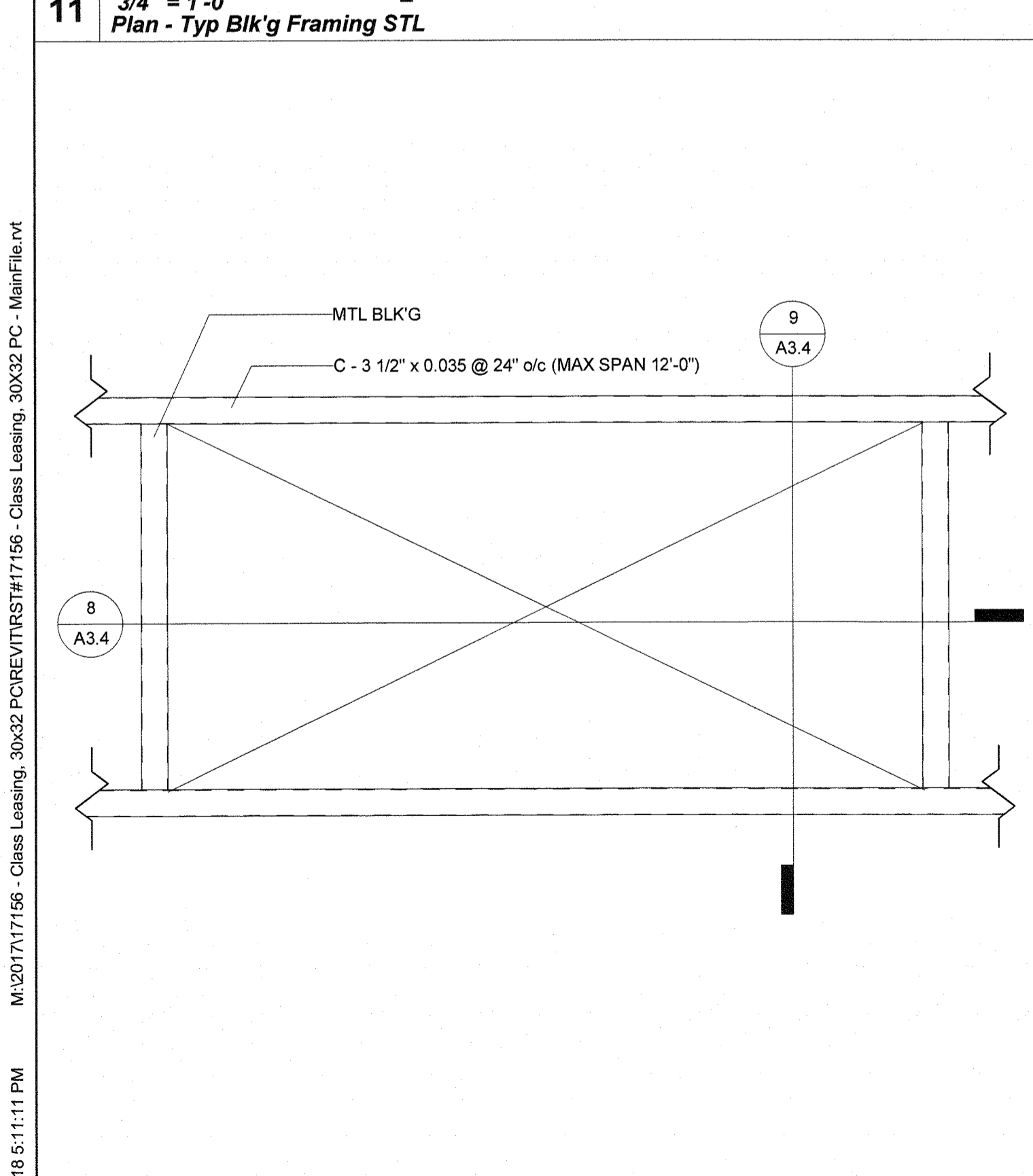
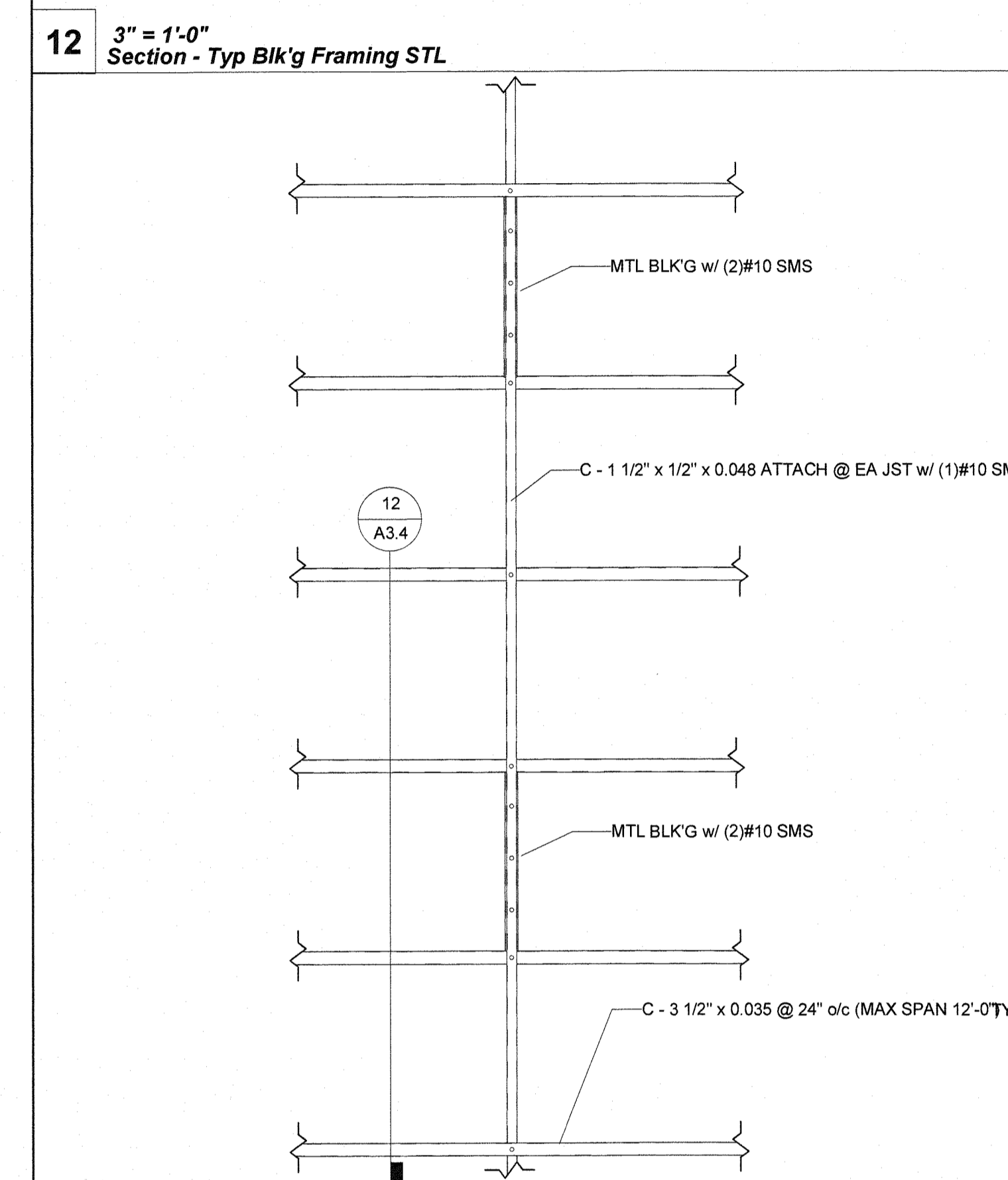
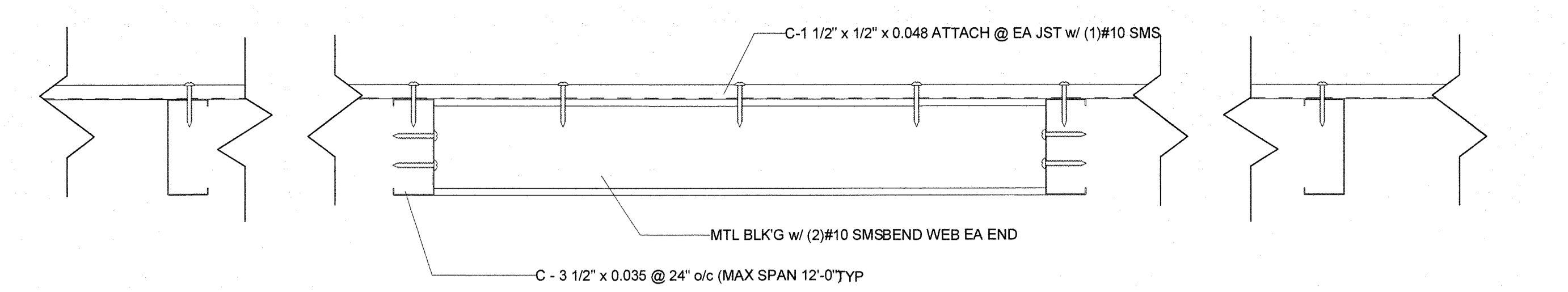
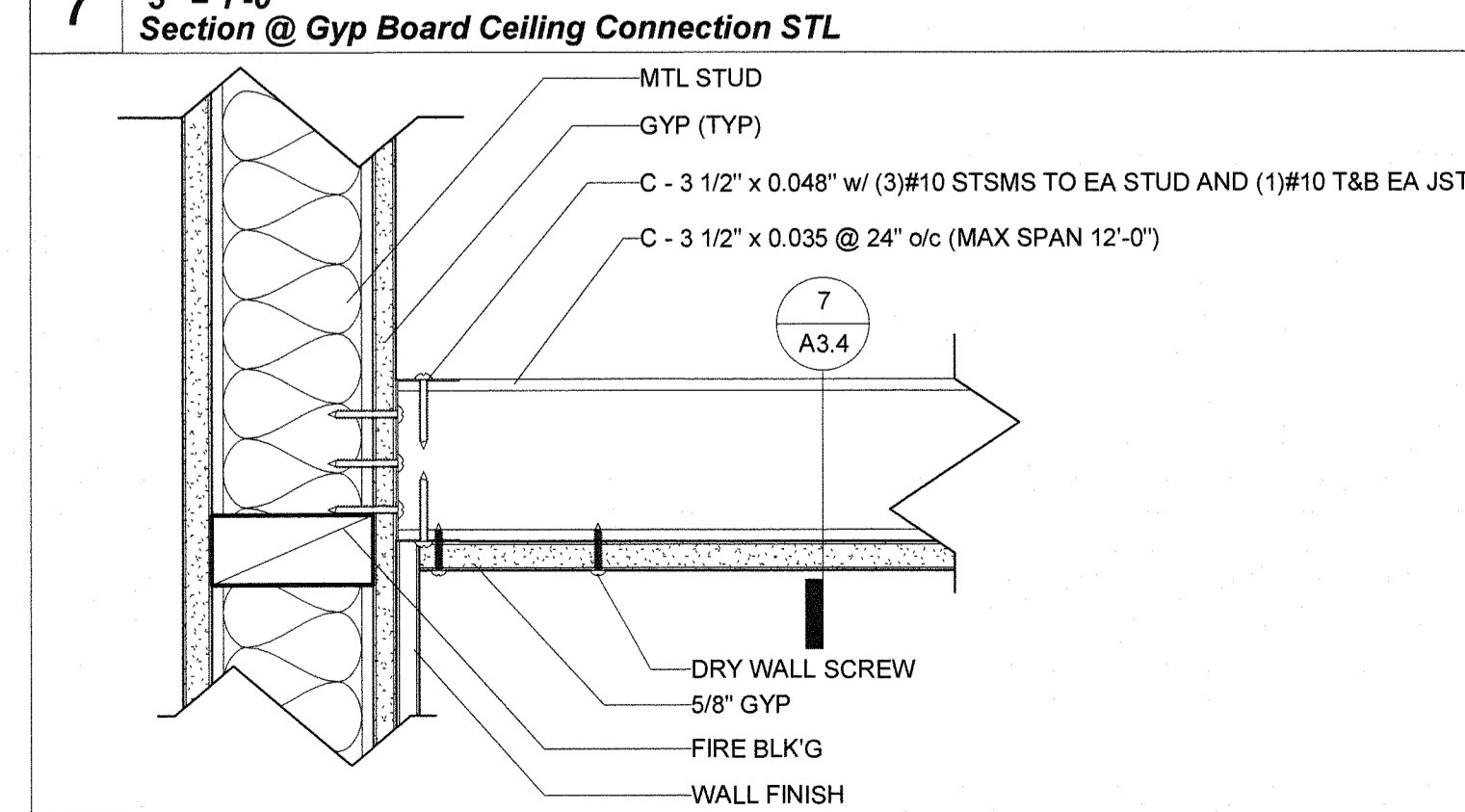
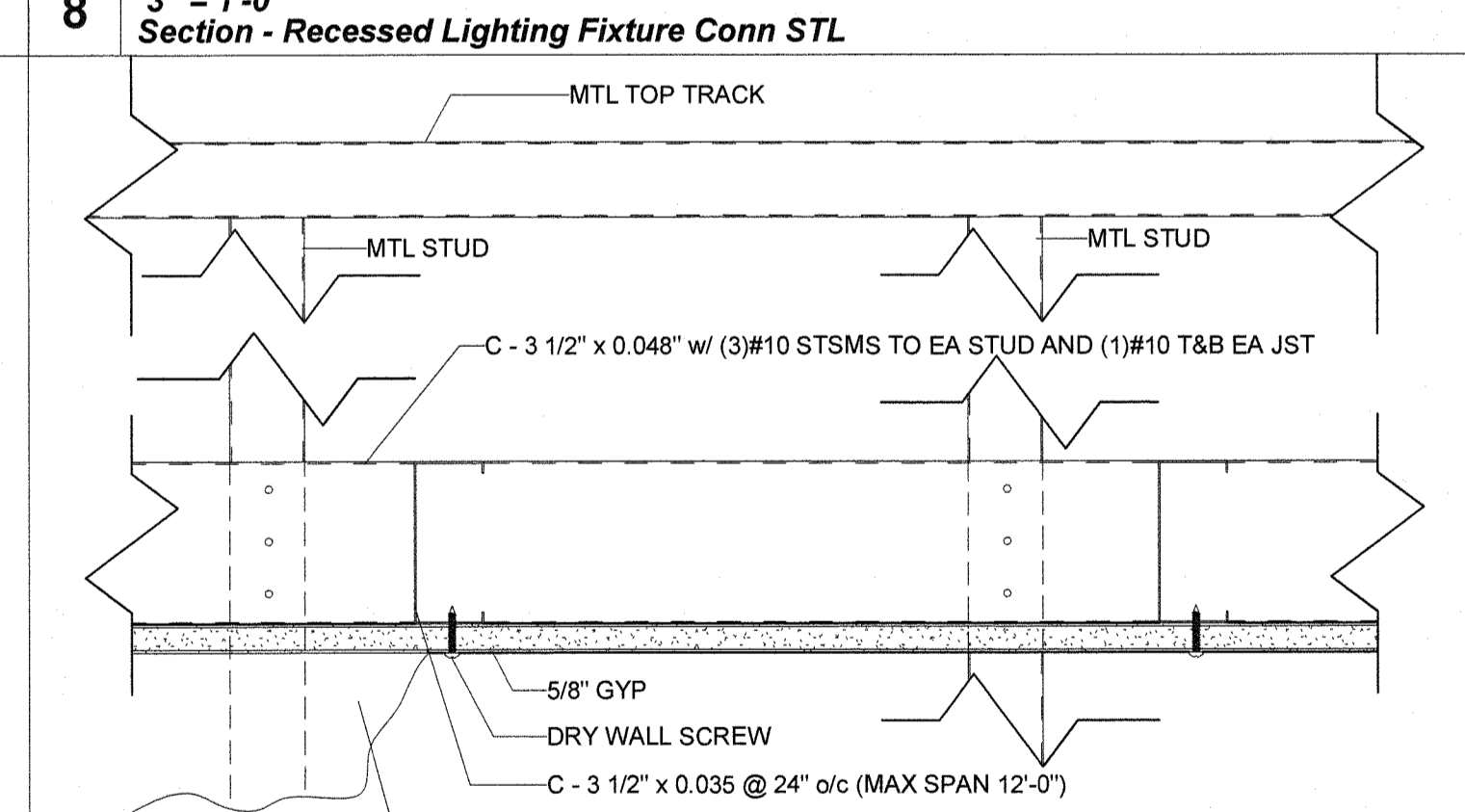
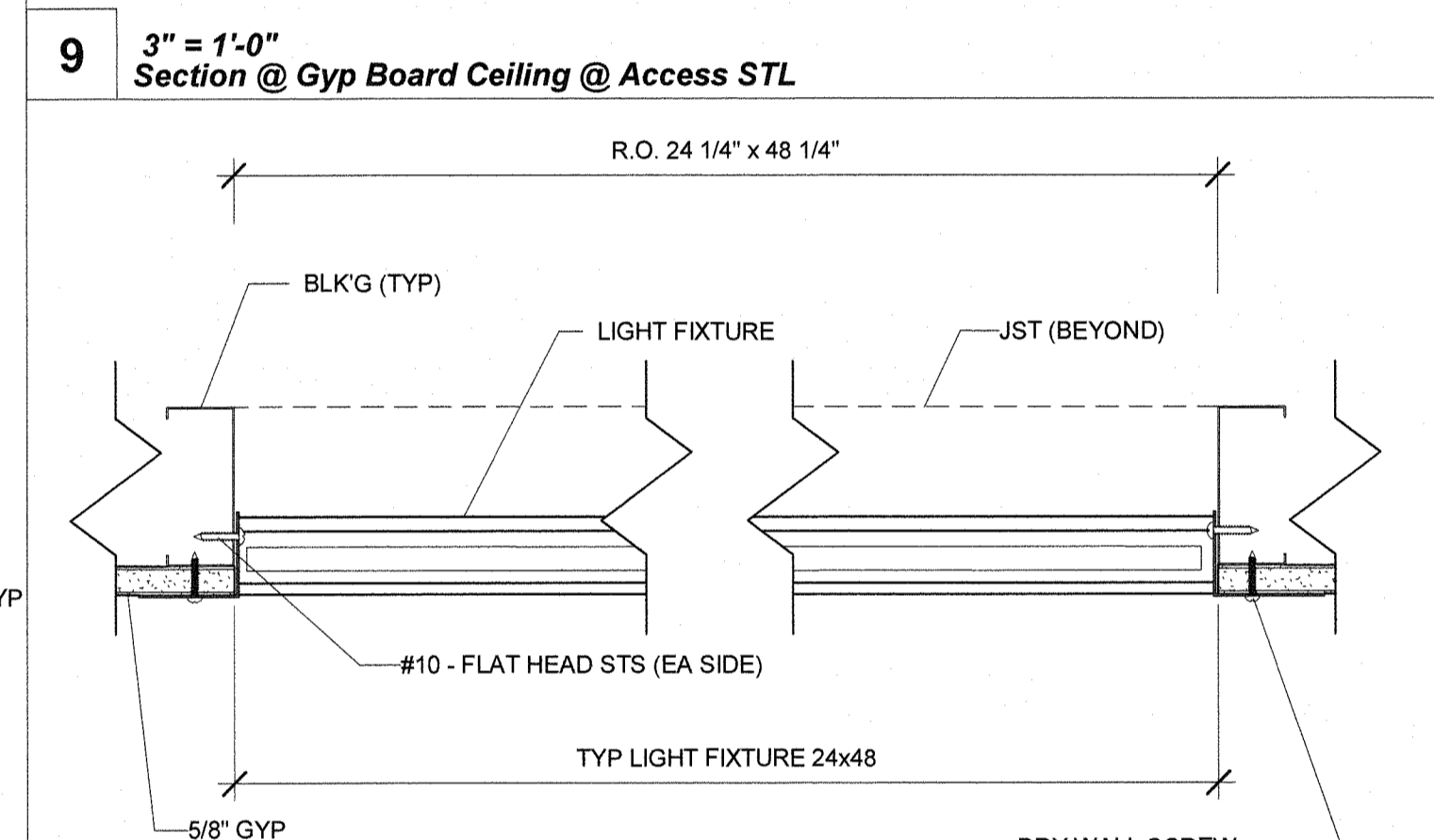
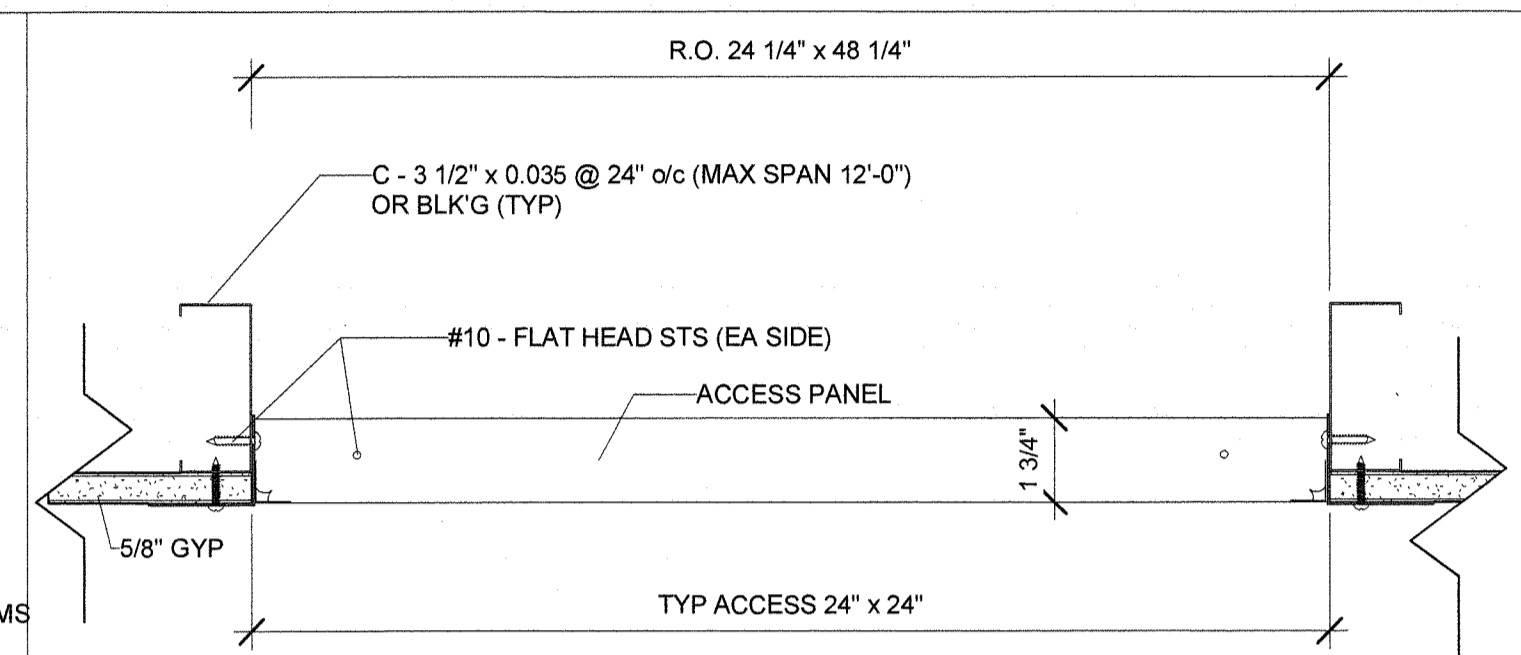
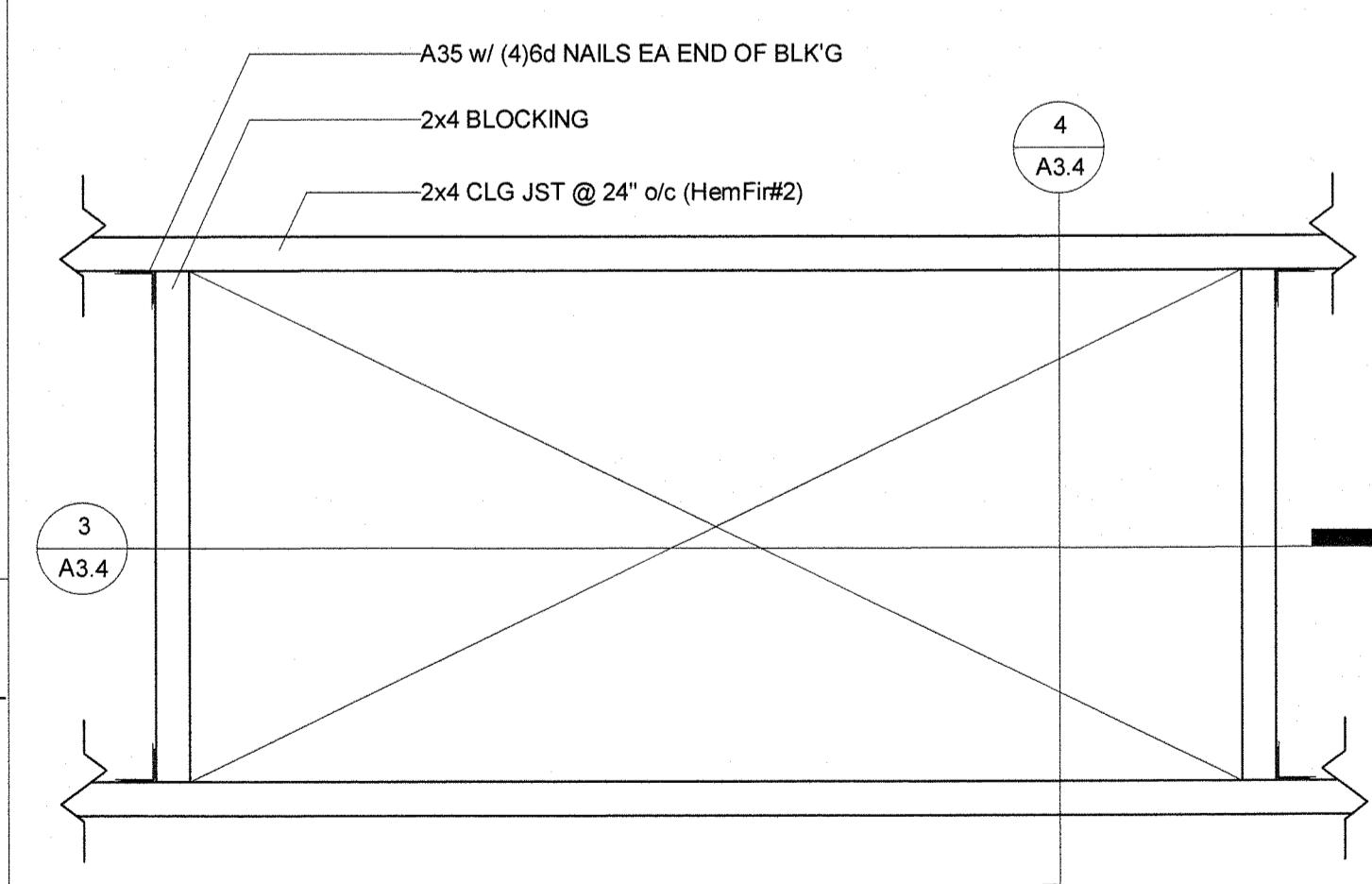
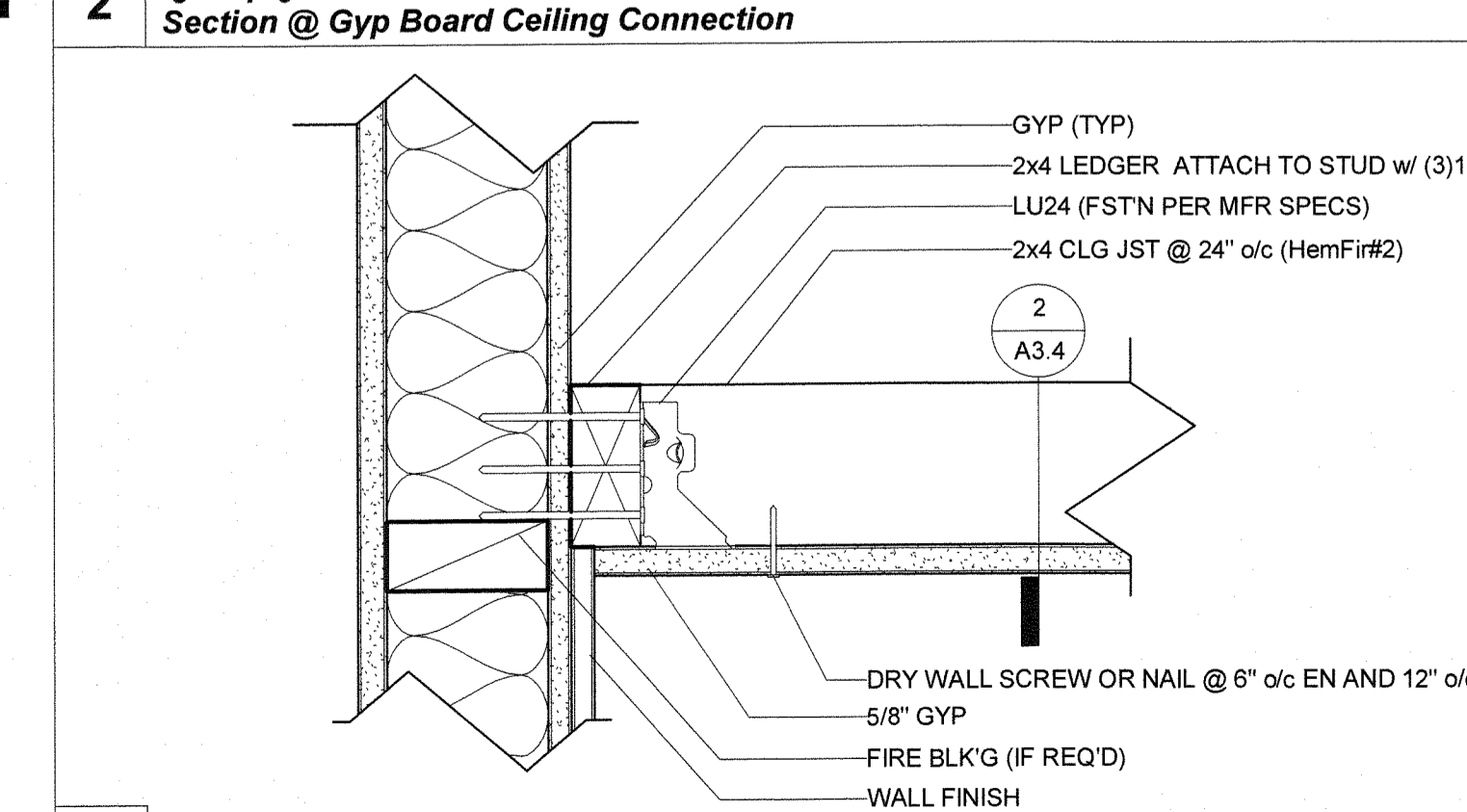
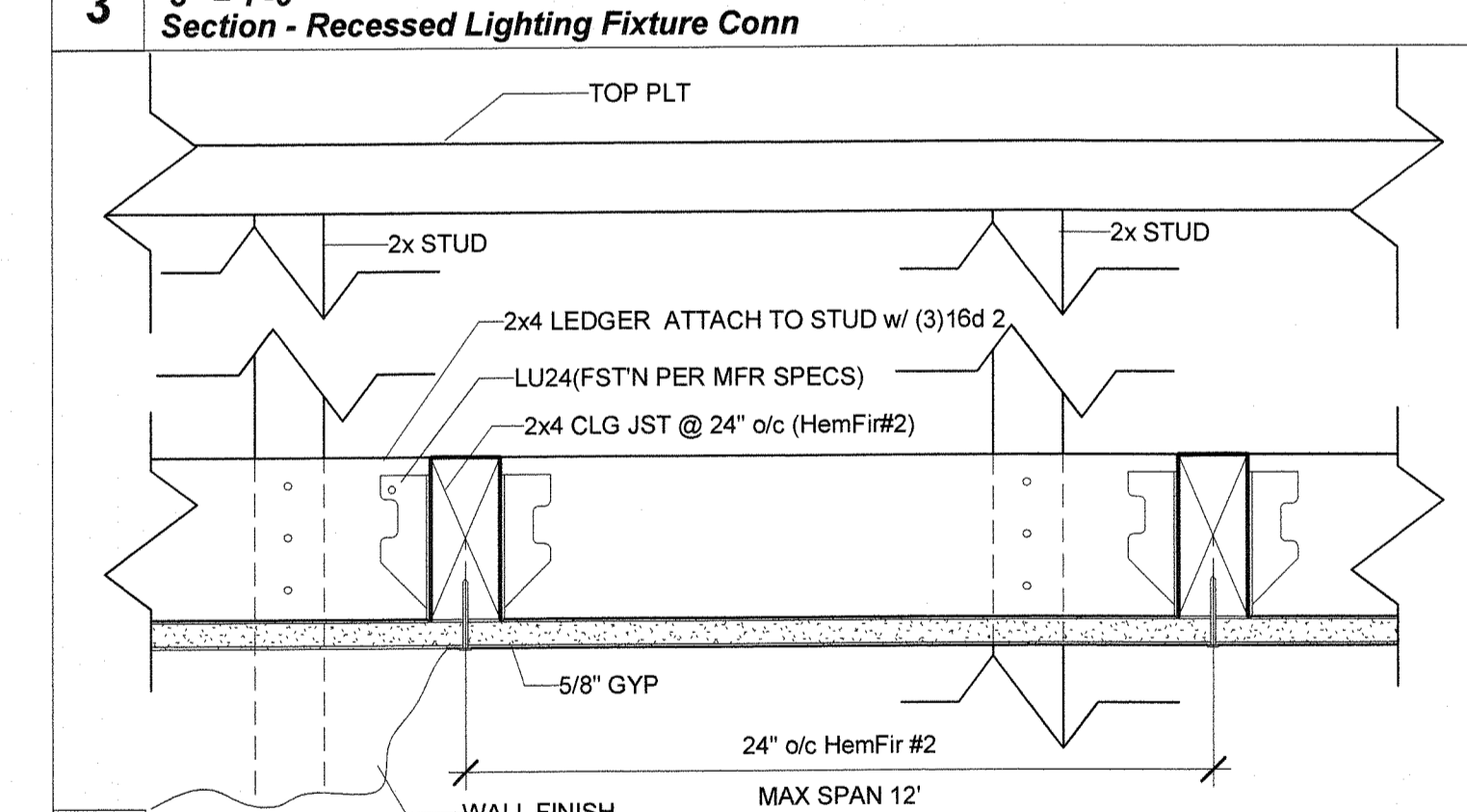
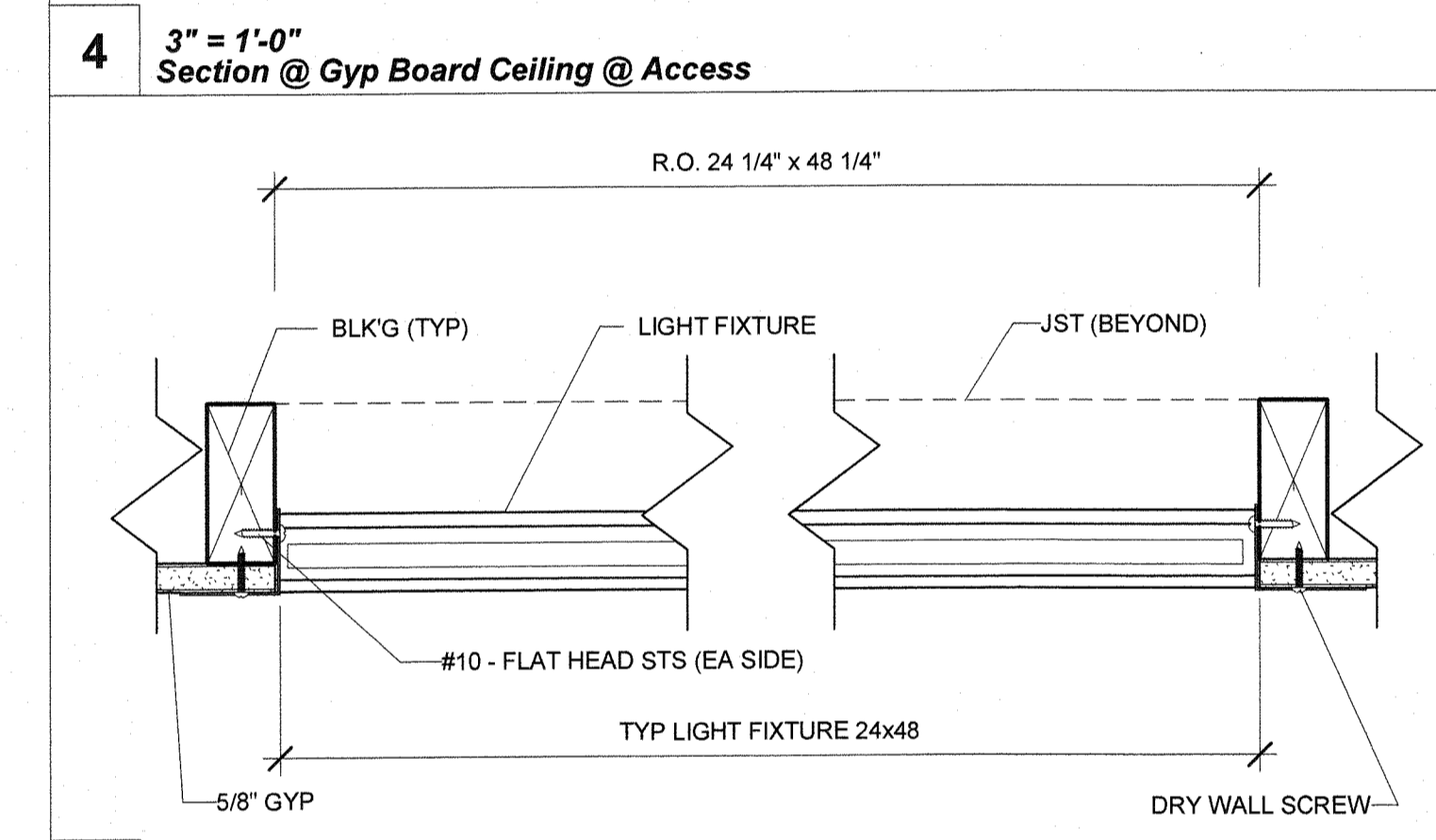
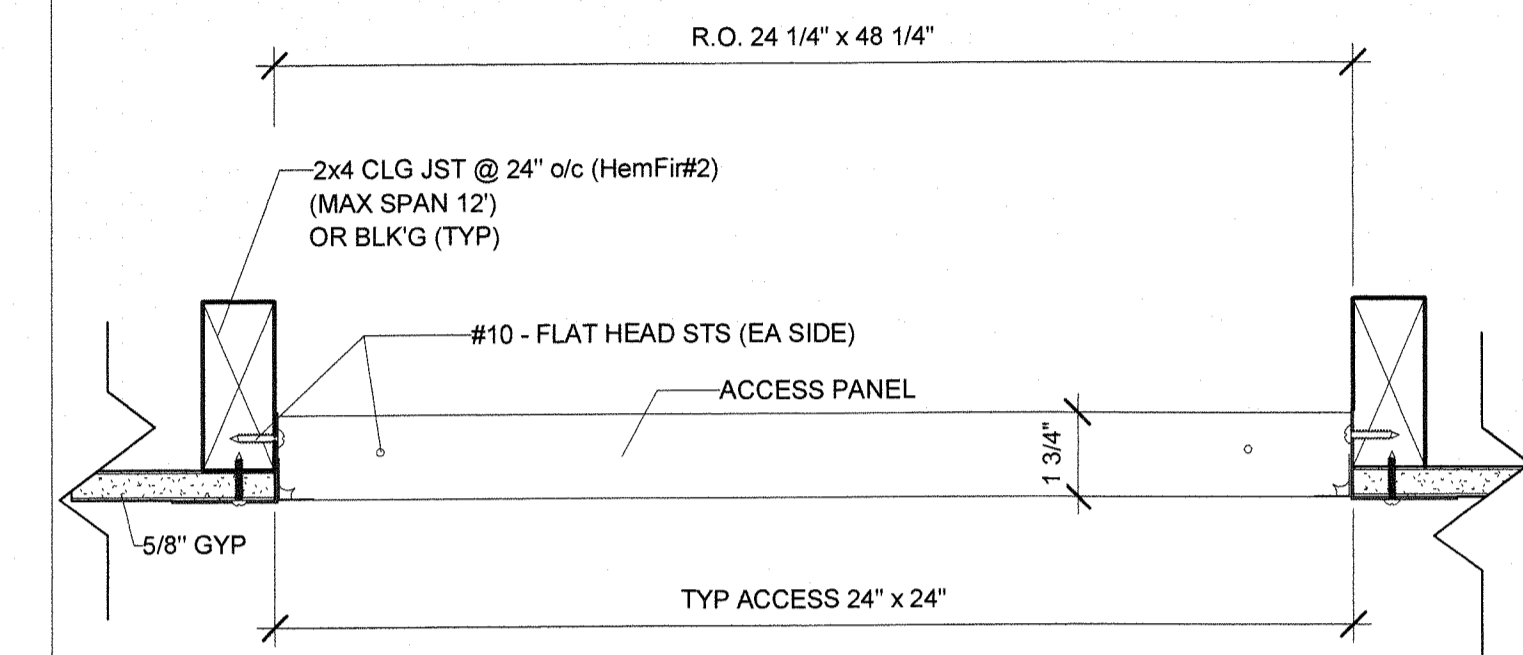
Revision Schedule		
#	Description	Date

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

PROJECT NUMBER
 17156
 DRAWN BY
 rMc/SC
 CHECKED BY
 JAV/RT
 DATE
 10.12.2018

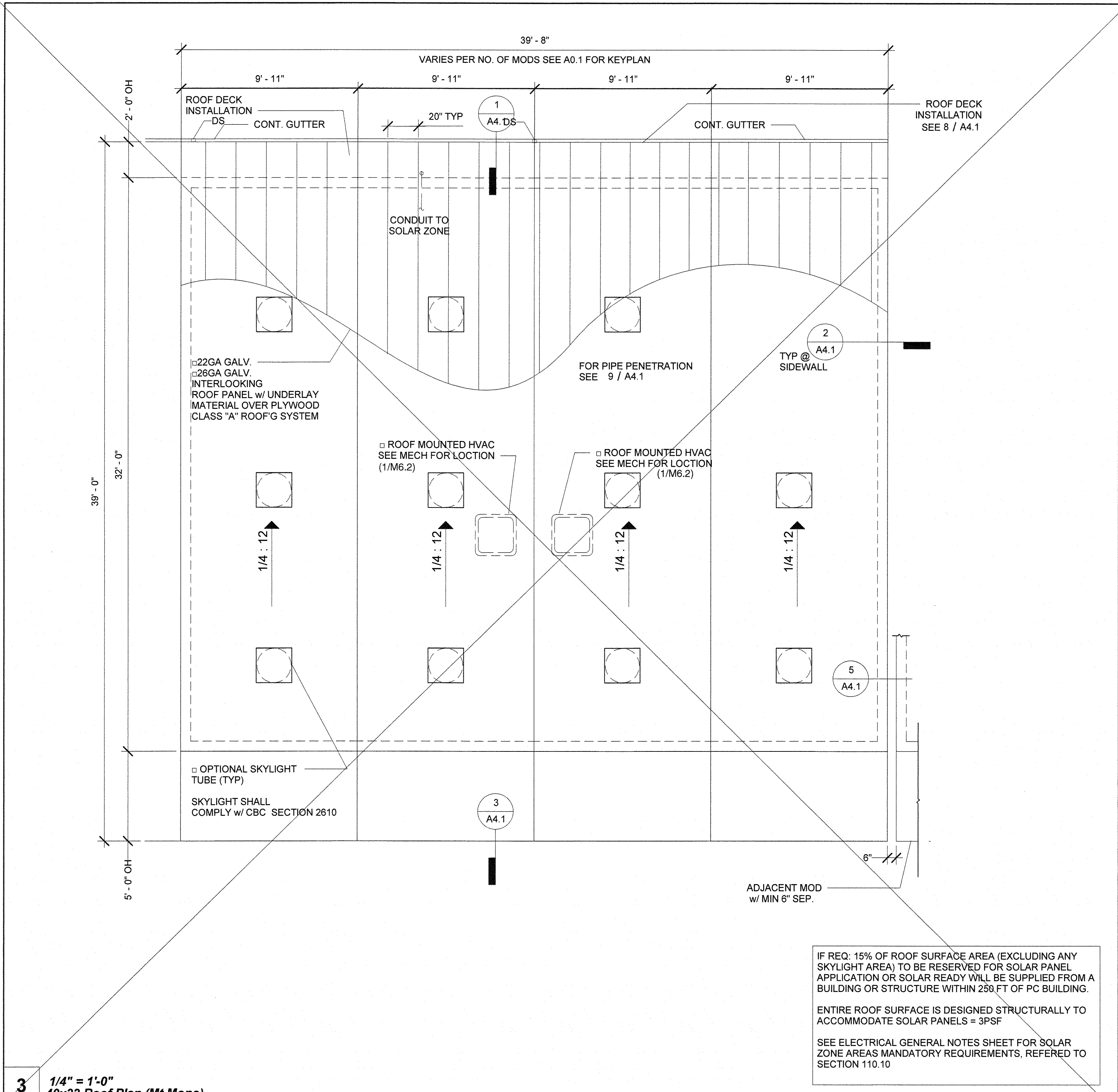
SHEET NO.
A3.4

SHEET OF SHEETS

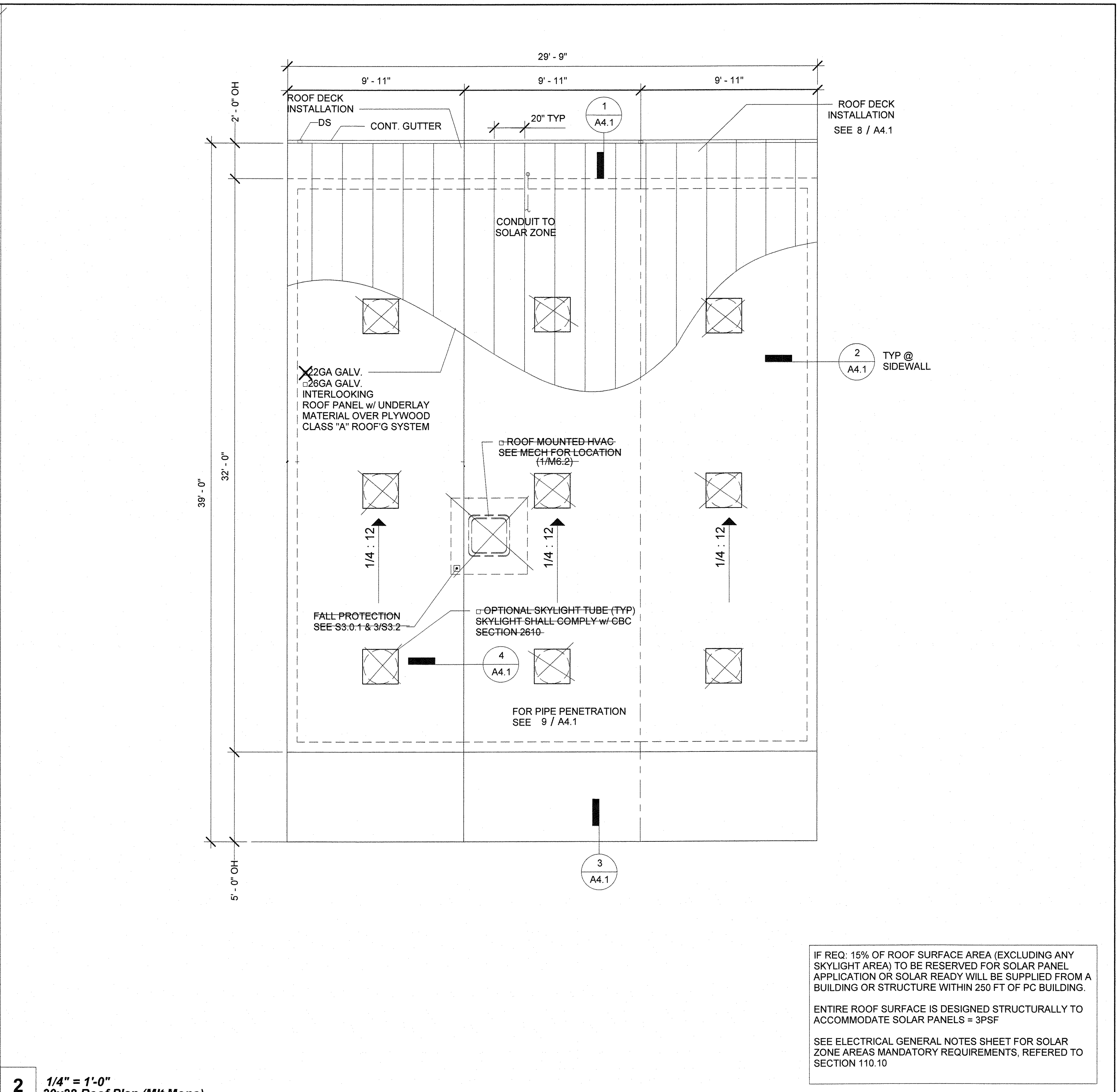


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C:\Users\User1\Documents\RST\17156 - Class Leasing_30X32_PC - MainFile_User.rvt 1/13/2019 5:39:25 PM



3 1/4" = 1'-0"
40x32 Roof Plan (Mt Mono)



2 1/4" = 1'-0"
30x32 Roof Plan (Mt Mono)

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 505, 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.)

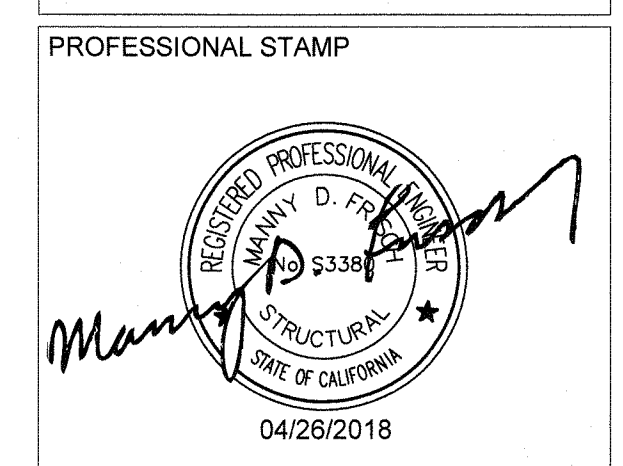
e) Access to a public way or safe dispersal area shall not be obstructed by the system or system framing. (CBC 1027.5 and 442.3)

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.

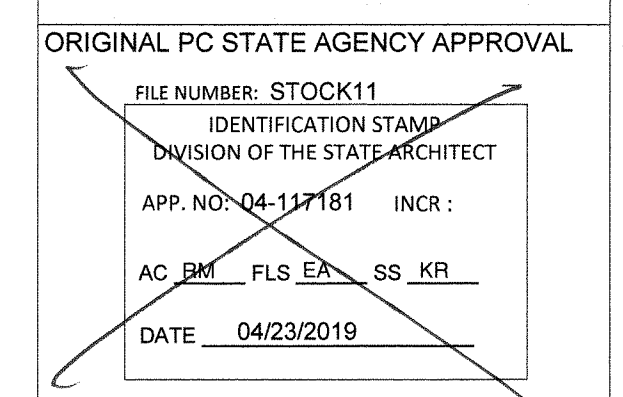
g) Any PV system that is installed above an assembly use (i.e. Group A-3 or A-5 occupancy classification) shall be considered an open sided building structure and all or portions of CBC provisions apply on a case by case basis. Such areas might include an outdoor amphitheater, bleacher or grandstand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

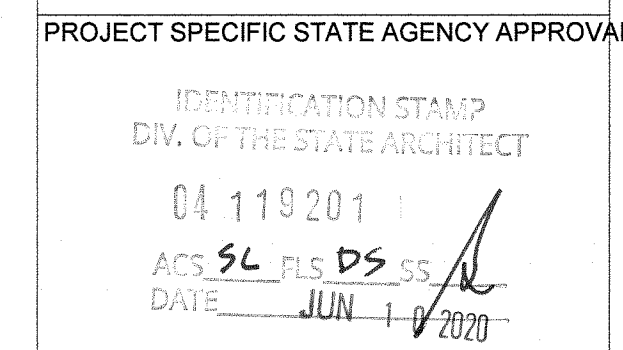
i) When a PV system, without riser framework, is installed directly on a rated roof assembly with a required classification greater than "Class C" found in CBC, Chapter 15, and f



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PROJECT TITLE
**30' x 32'
EXPANDABLE TO
150' x 32'**



Revision Schedule		
#	Description	Date

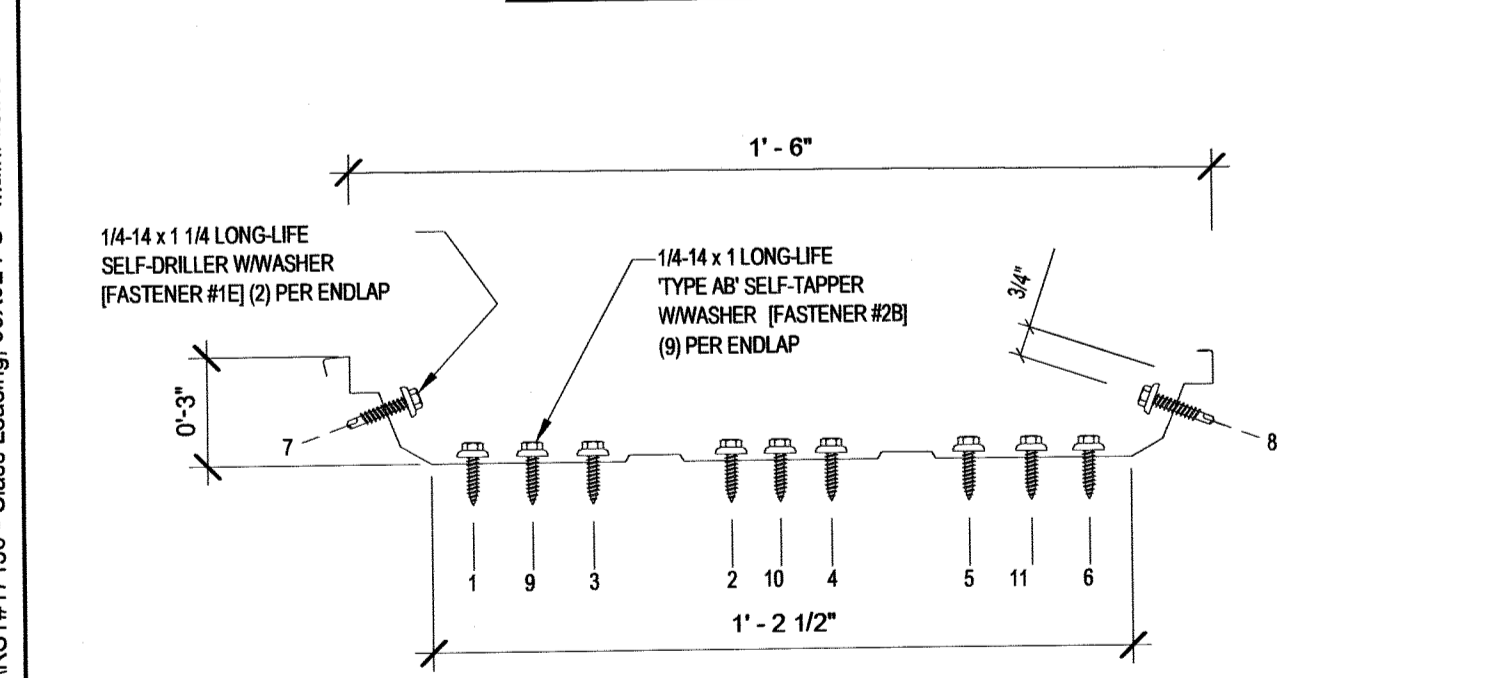
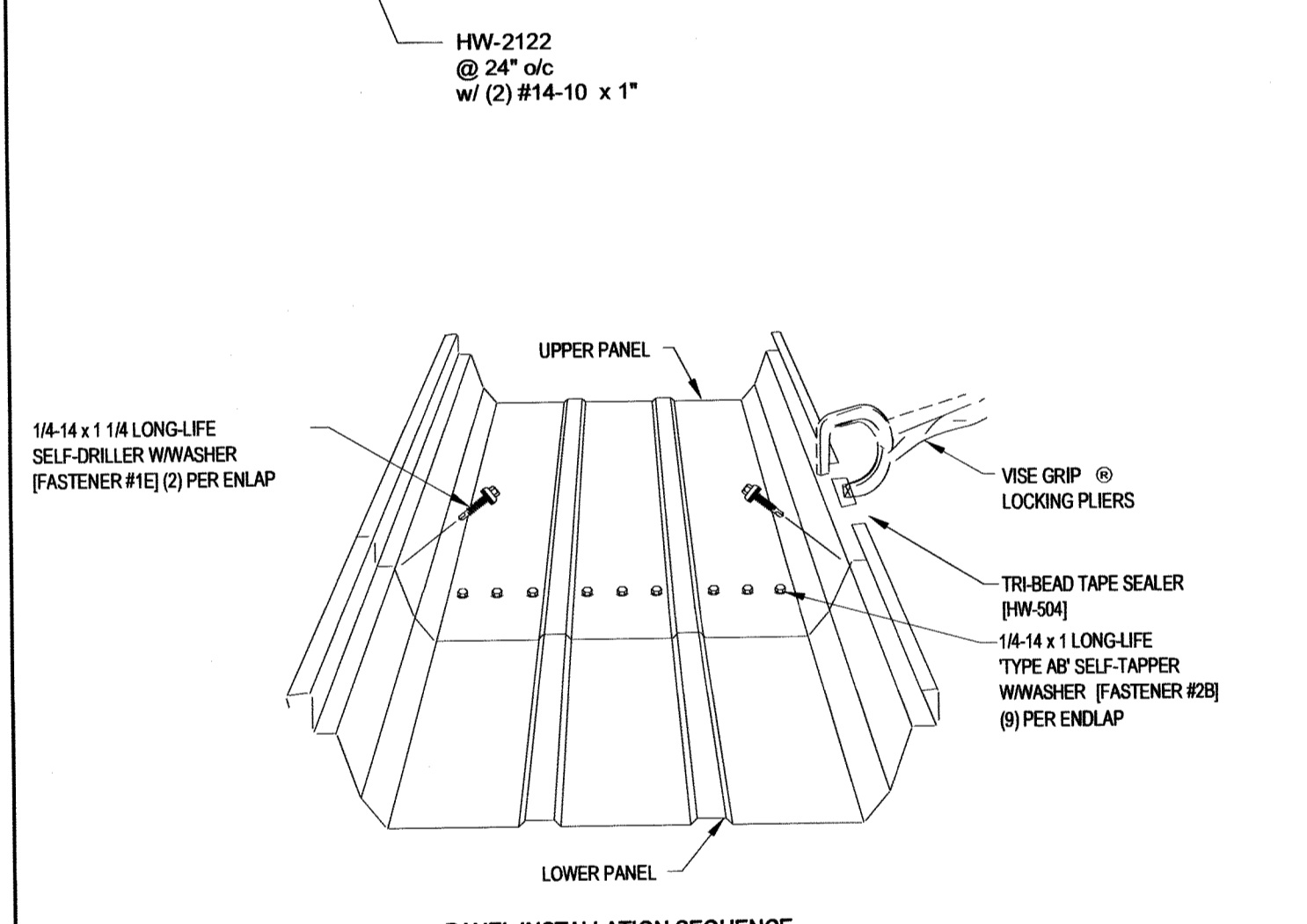
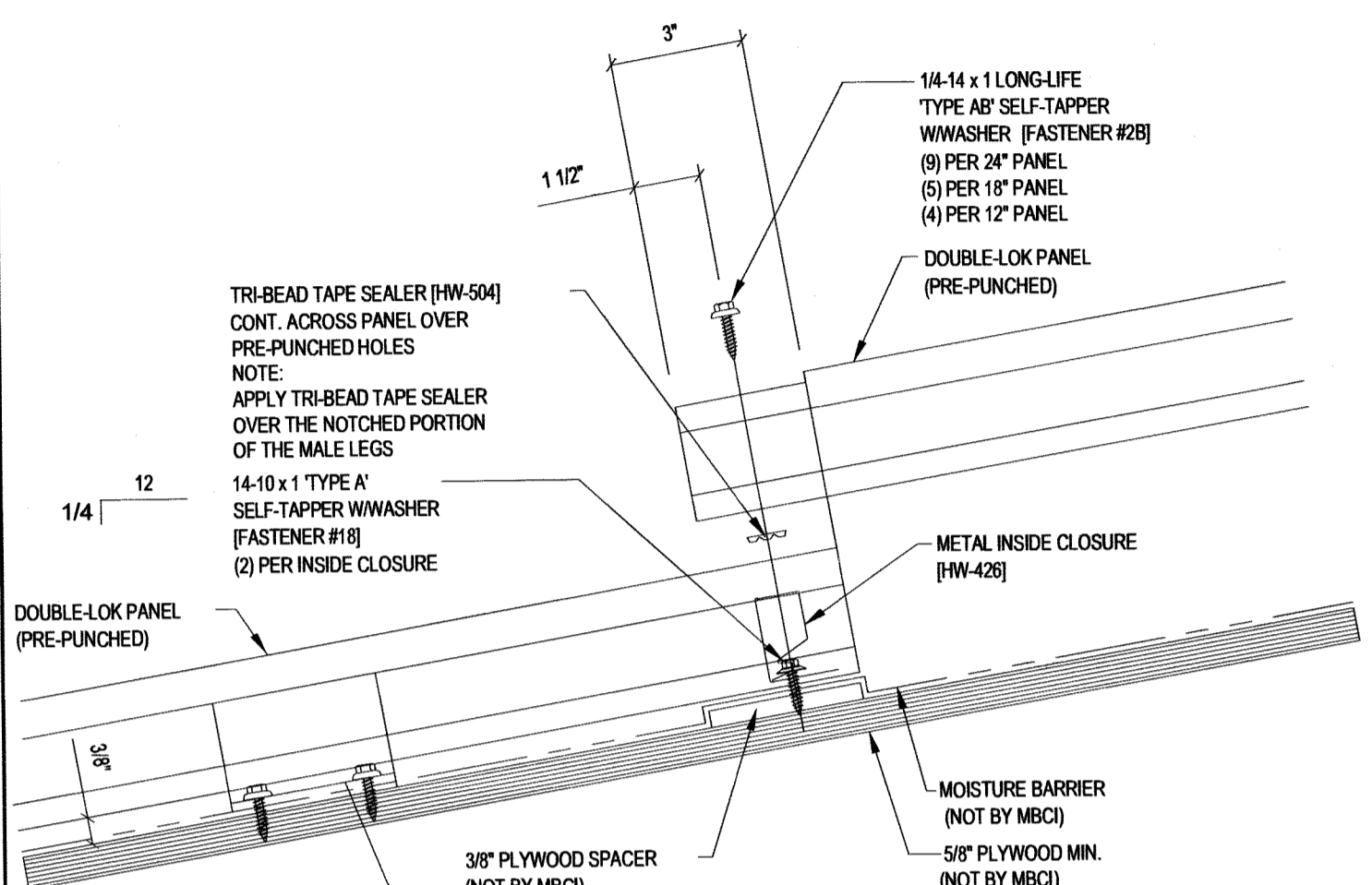
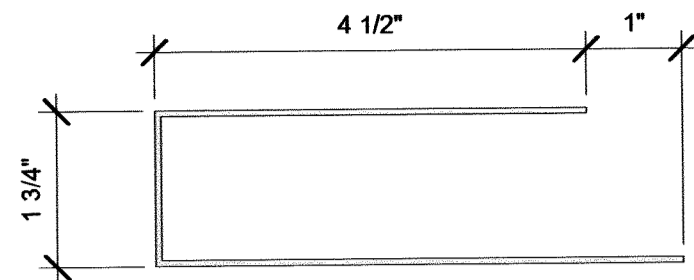
SHEET TITLE
**ROOF PLAN MONO
SLOPE (STANDING
SEAM)**

PROJECT NUMBER	17156
DRAWN BY	rMc/SC/AM
CHECKED BY	JAR/T
DATE	01/31/2019
SHEET NO.	A4.0.1
SHEET OF SHEETS	

Metal Inside Closure

PART #	DESCRIPTION	QTY	UNIT	PRICE	TOTAL PRICE
HW-426	LD & DL	15	Galvalume®	22¢	

DESCRIPTION	PRINTED BY
HW-2122 Double-Lok®	3/4"
	5/8"



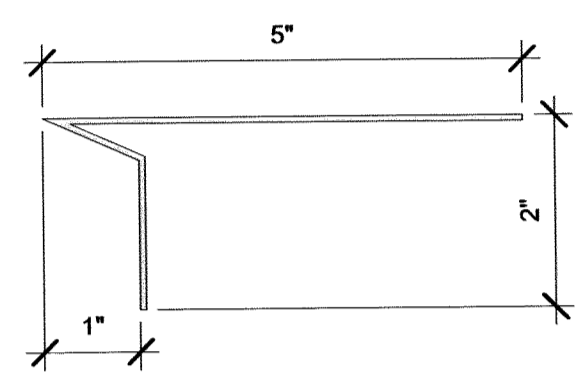
18" DOUBLE-LOK 22GA STANDING SEAM PANEL BY MBCL

NEG	POS
t = 0.0299"	t = 0.0299"
S _x = 0.1846 IN ²	S _x = 0.2154 IN ²
I _x = 0.2718 IN ⁴	I _x = 0.4968 IN ⁴
F _y = 50 KSI	F _y = 50 KSI

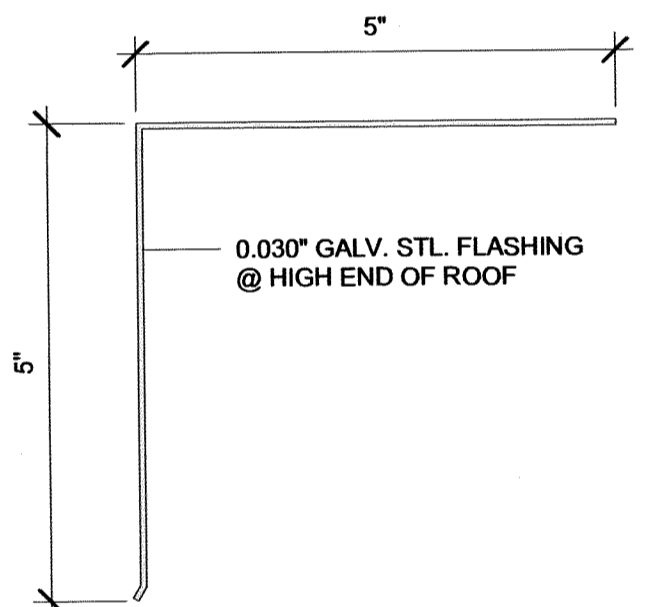
18" 26GA STANDING SEAM PANEL

NEG	POS
t = 0.018"	t = 0.018"
S _x = 0.1383 IN ²	S _x = 0.7560 IN ²
I _x = 0.351 IN ⁴	I _x = 0.351 IN ⁴
F _y = 33 KSI	F _y = 33 KSI

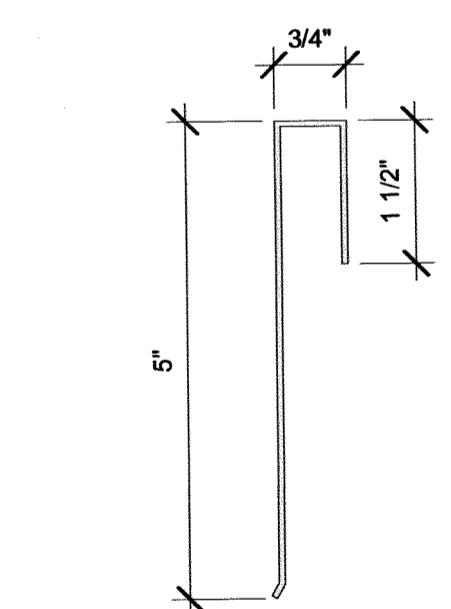
14 6" = 1'-0" FLASHING @ ROOF HIGH SIDE



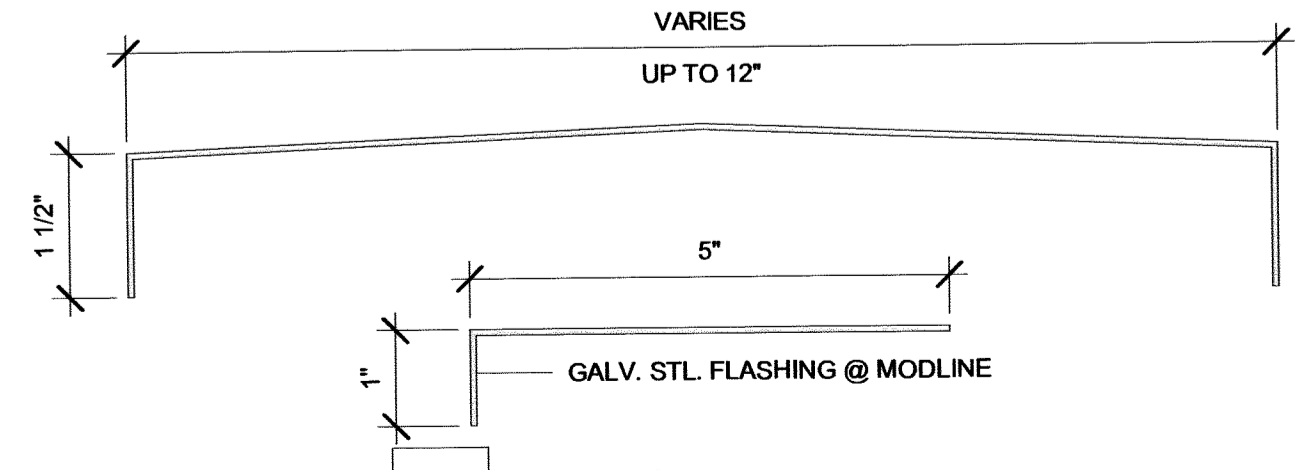
13 6" = 1'-0" FLASHING @ ROOF LOW SIDE



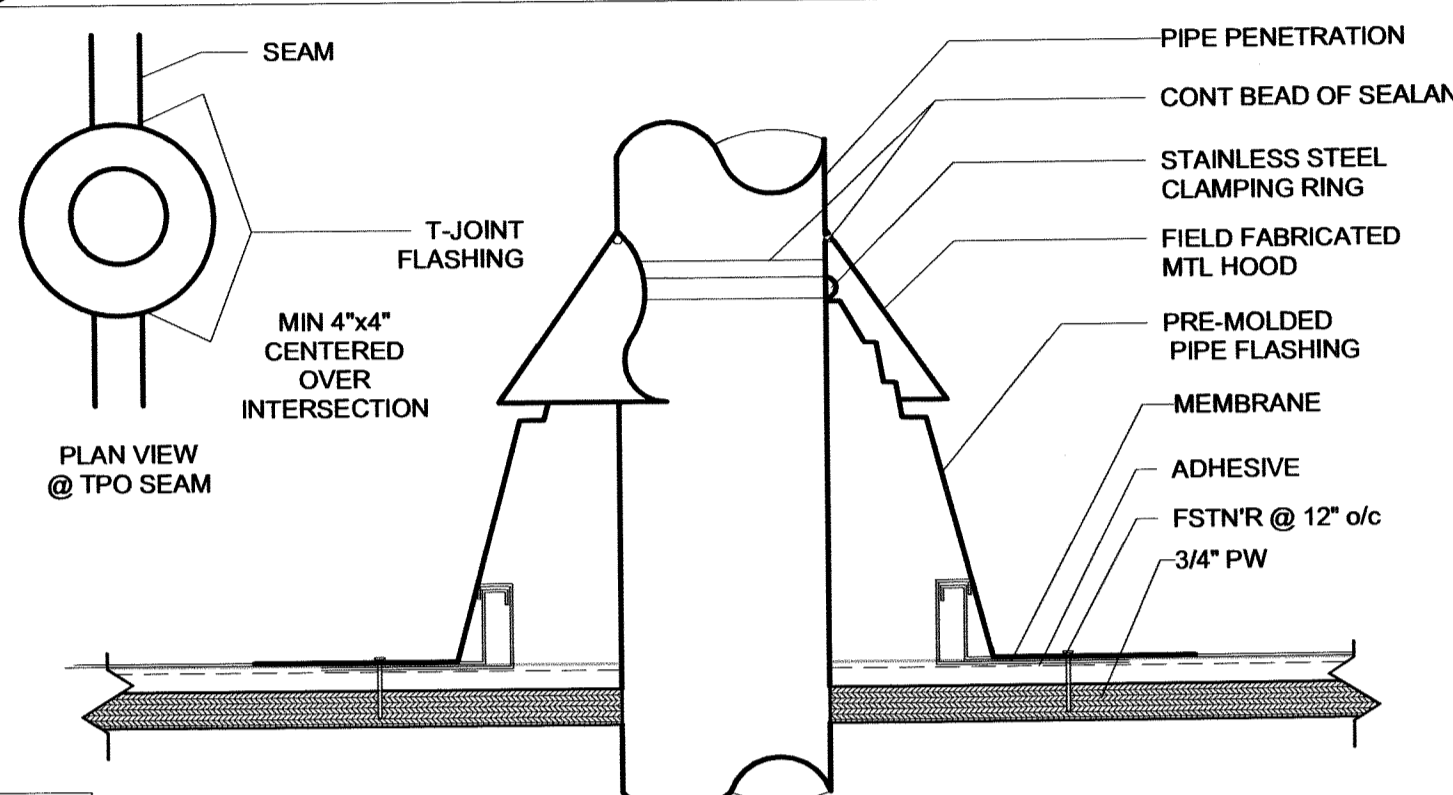
12 6" = 1'-0" ROOF FLASHING



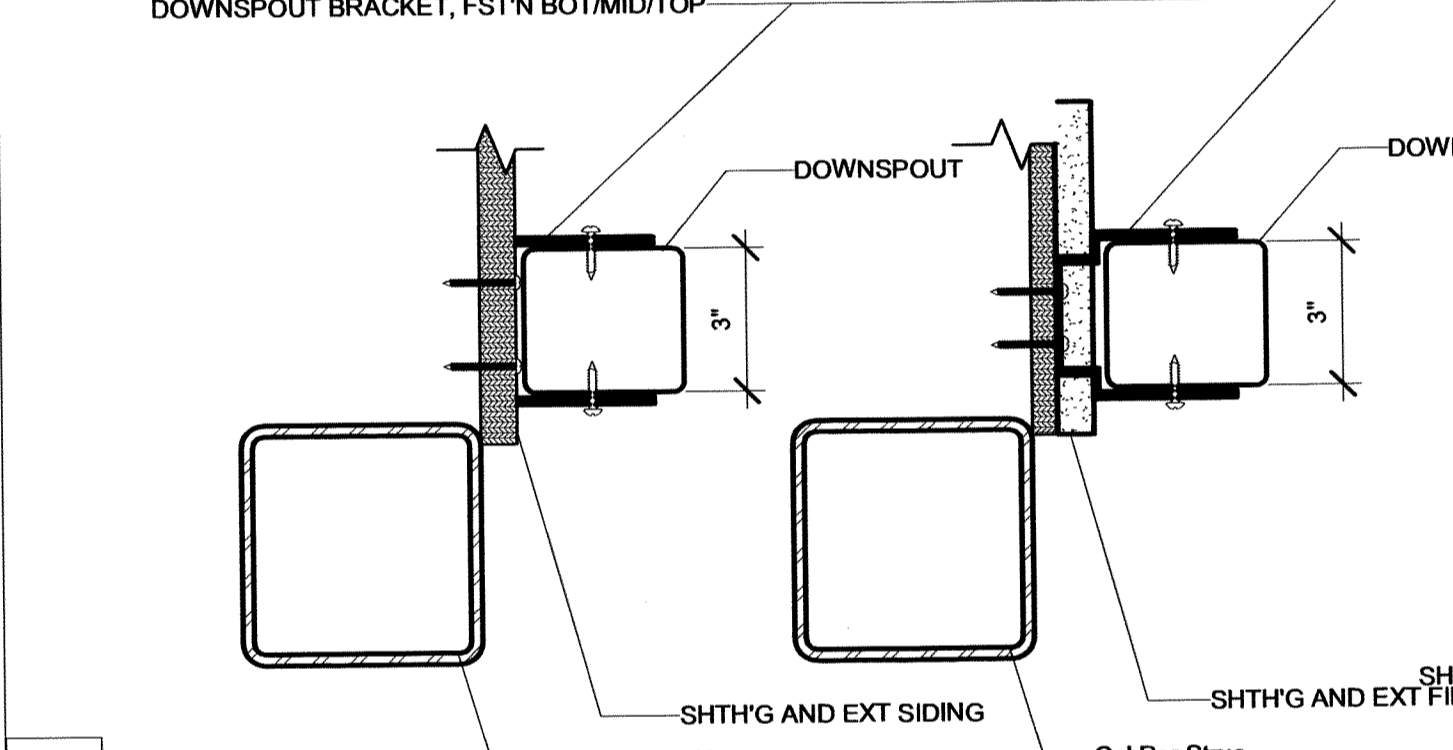
11 6" = 1'-0" ROOF FLASHING @ SIDEWALL



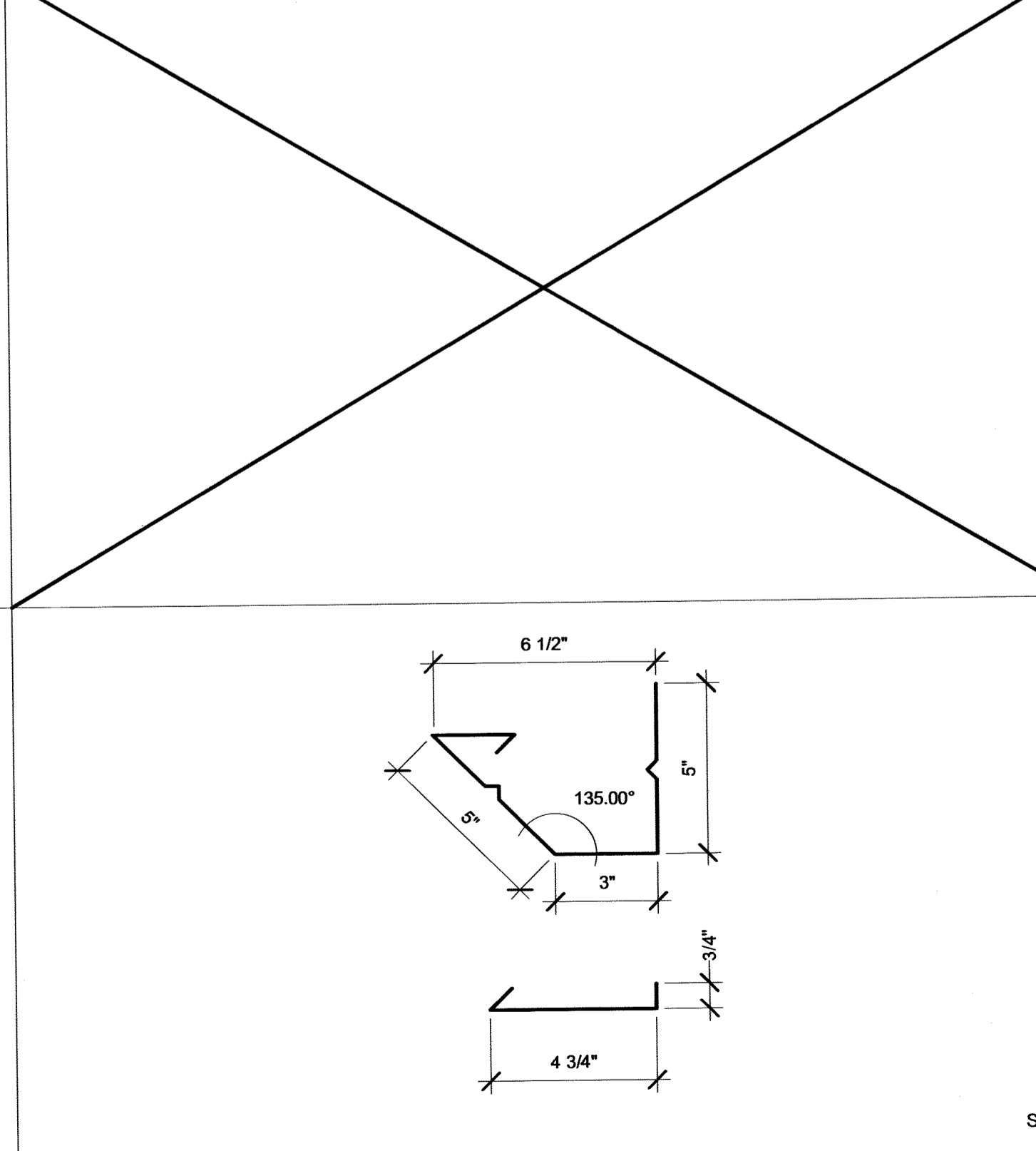
10 6" = 1'-0" ROOF CAP @ MODLINE



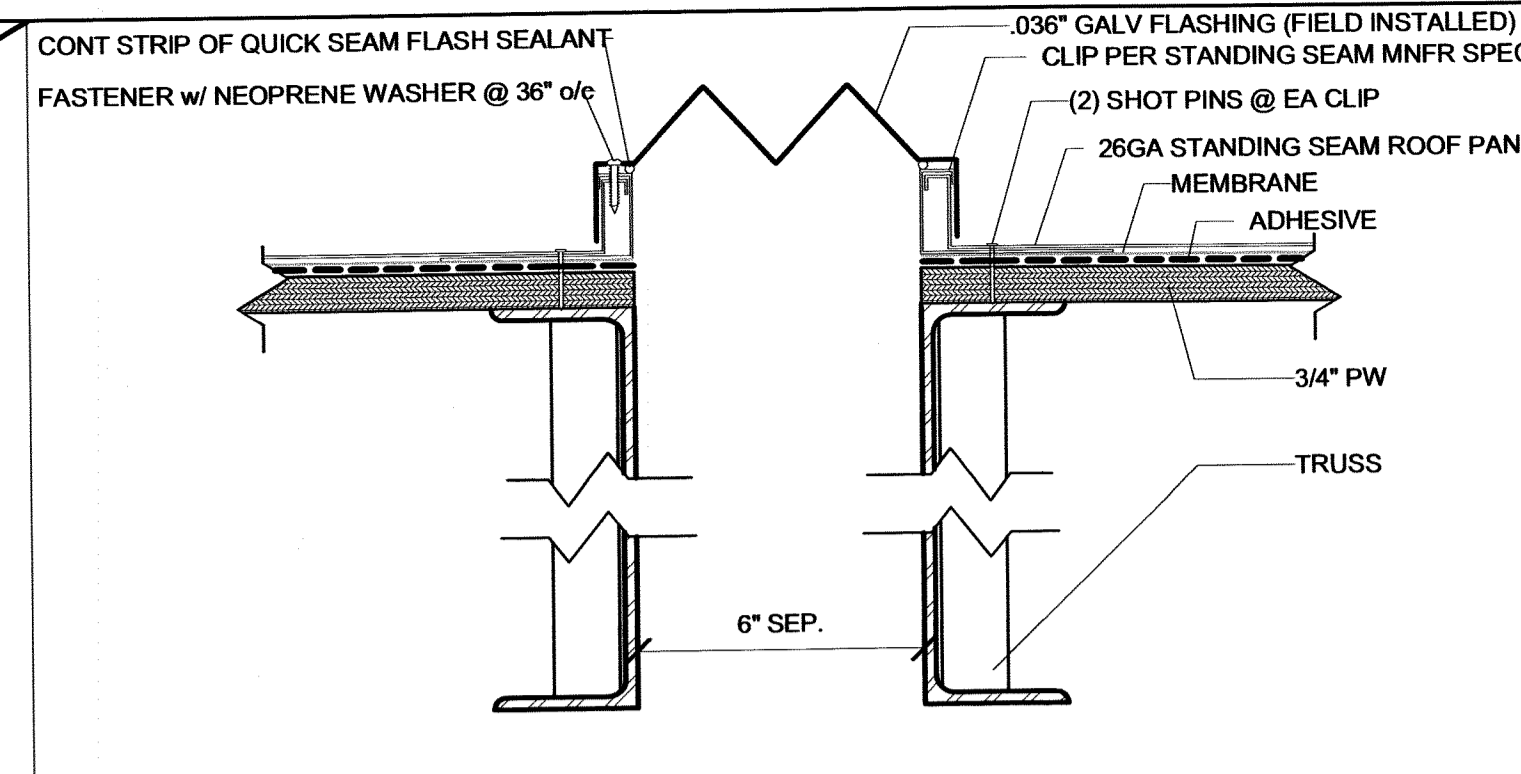
9 3" = 1'-0" Pipe Penetration Standing Seam



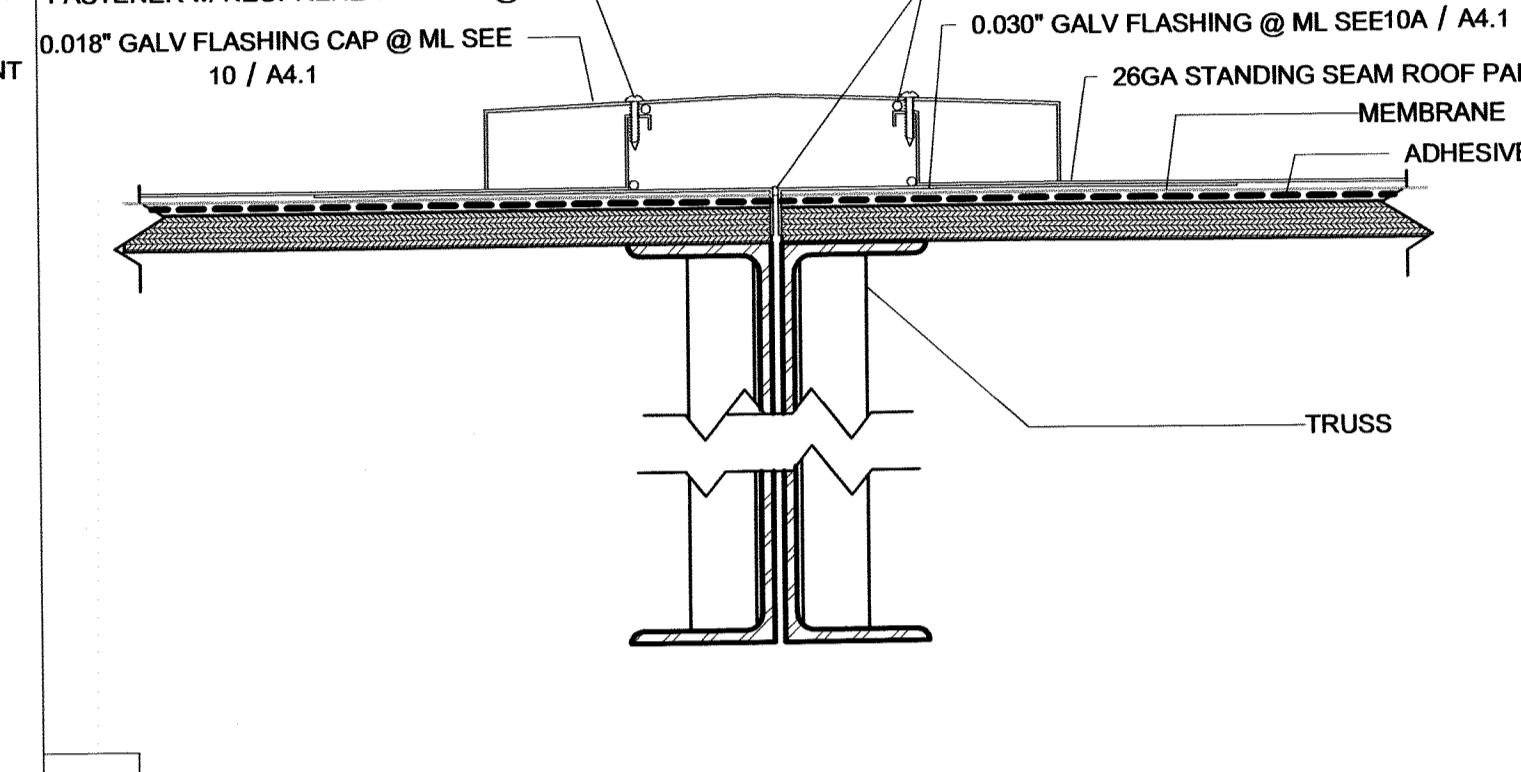
8 3" = 1'-0" Downspout Mount



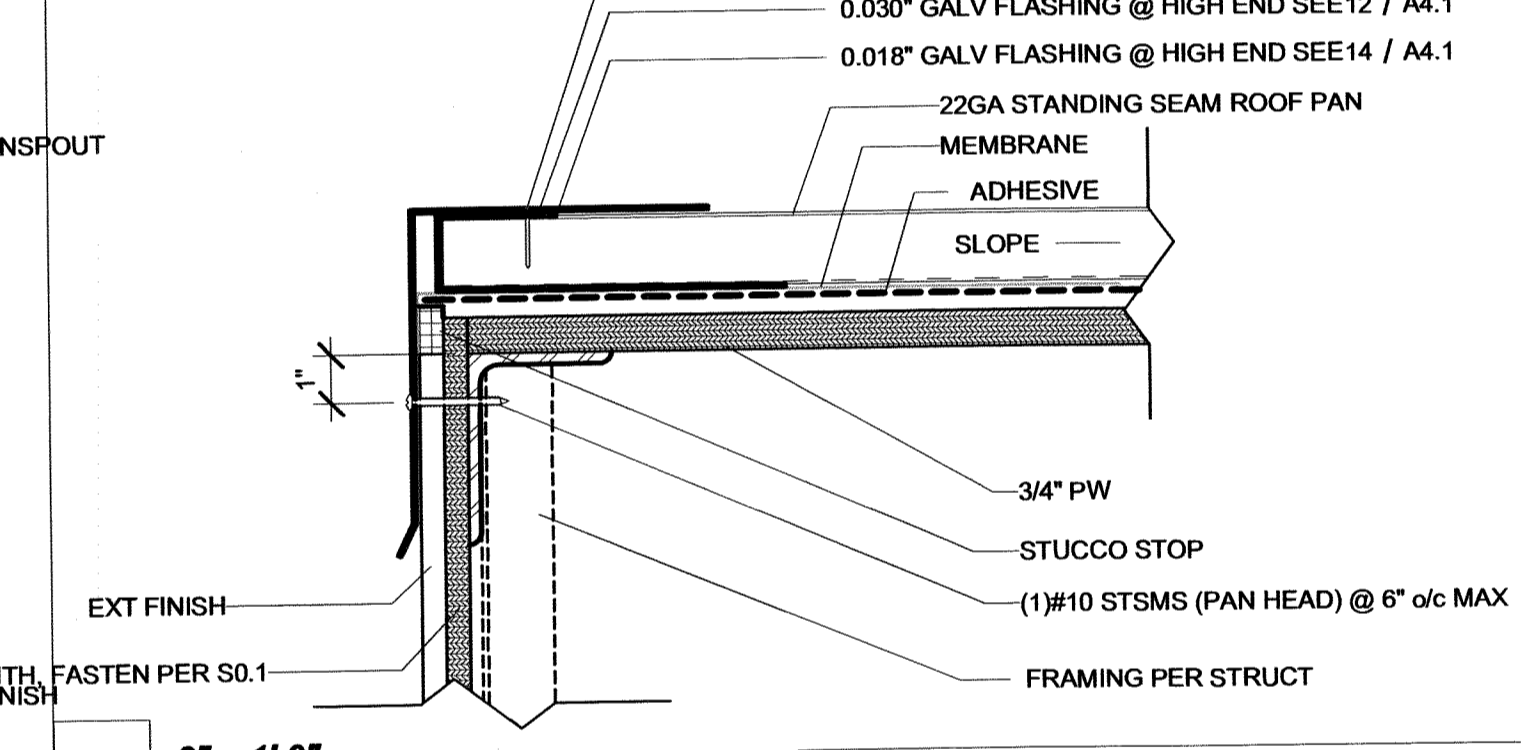
6 3" = 1'-0" Gutter and Strap



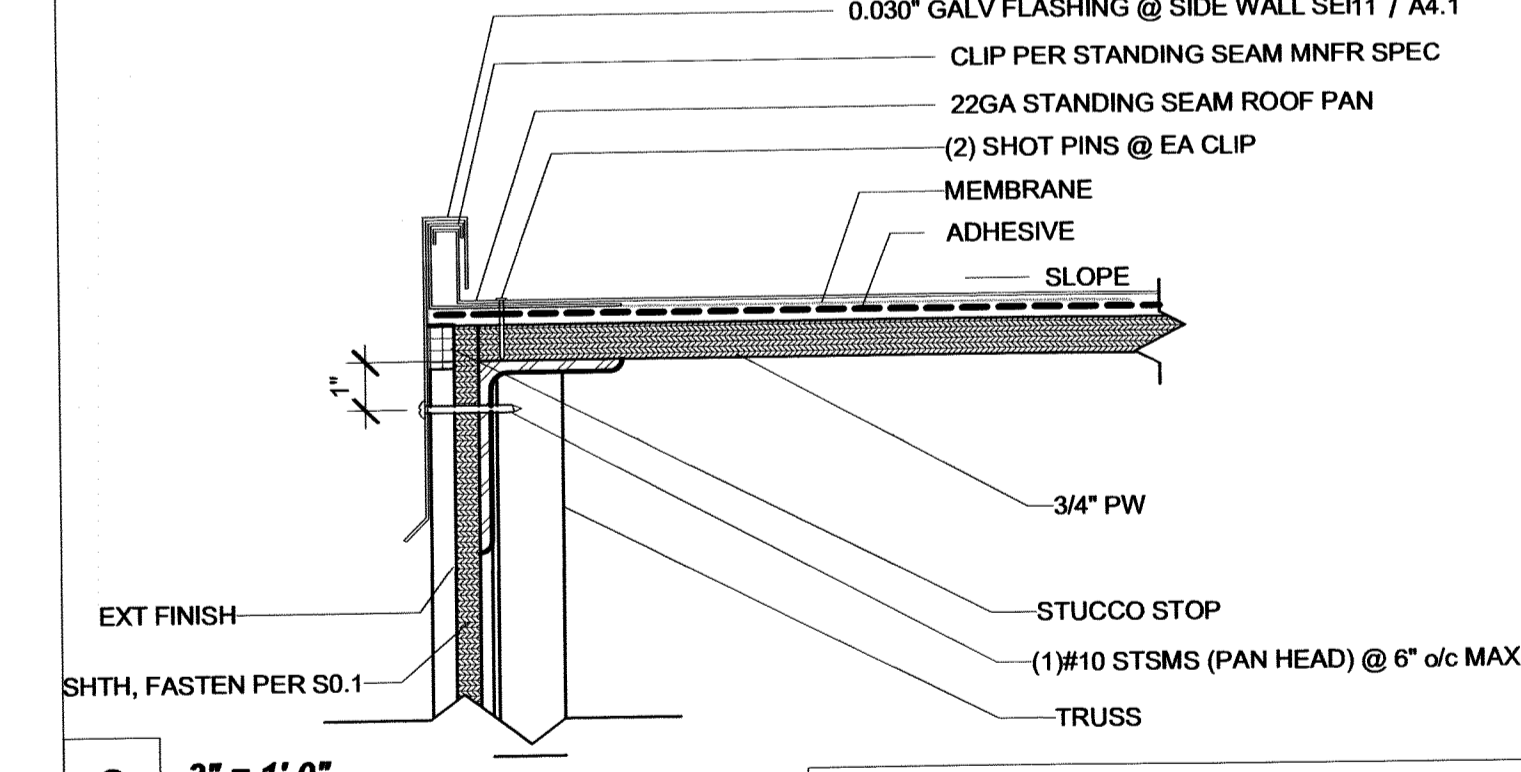
5 3" = 1'-0" Roof @ Mateline Std'g Seam w/ 6" Sep



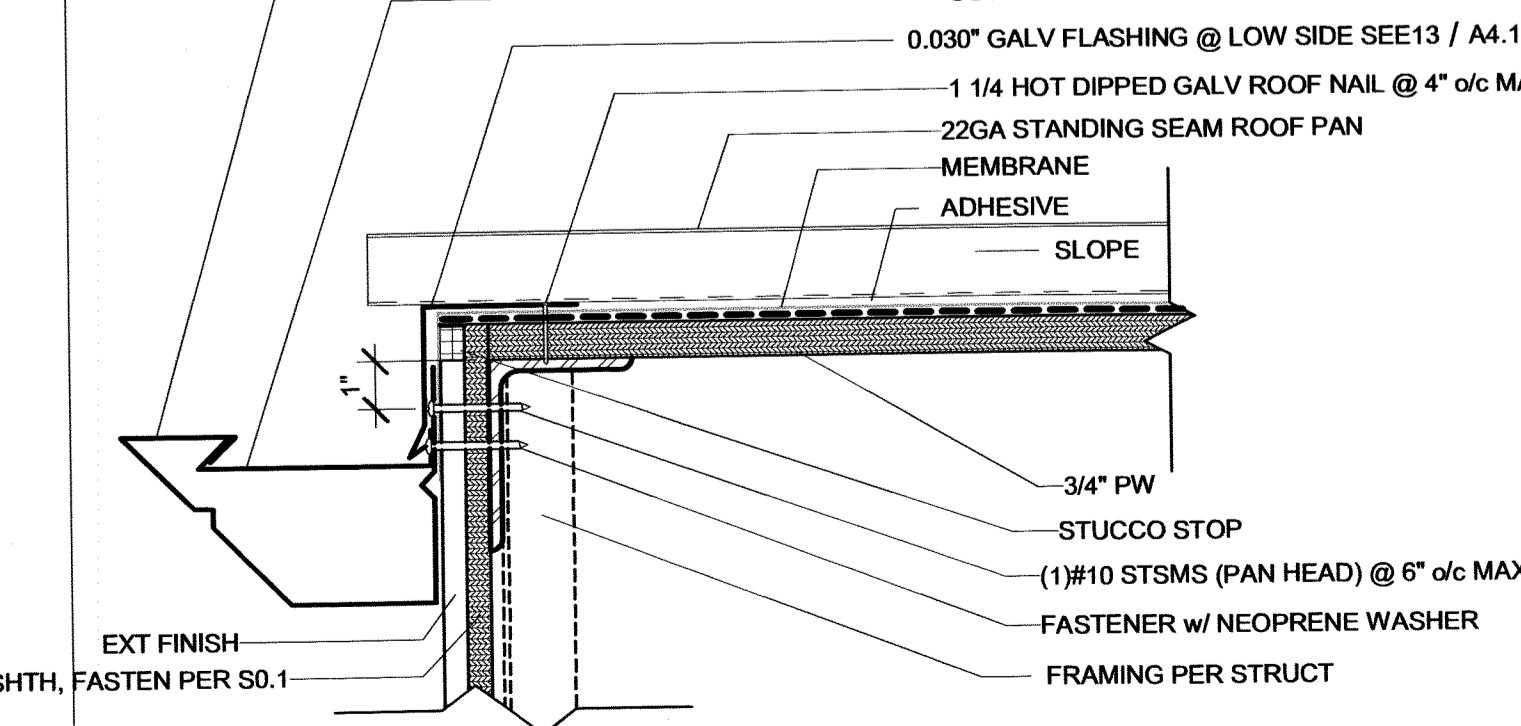
4 3" = 1'-0" Roof @ Standing Seam Mateline



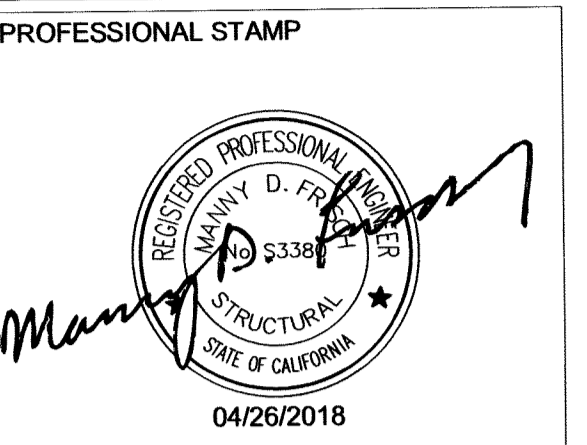
3 3" = 1'-0" Roof @ Endwall Std'g Seam (High End)



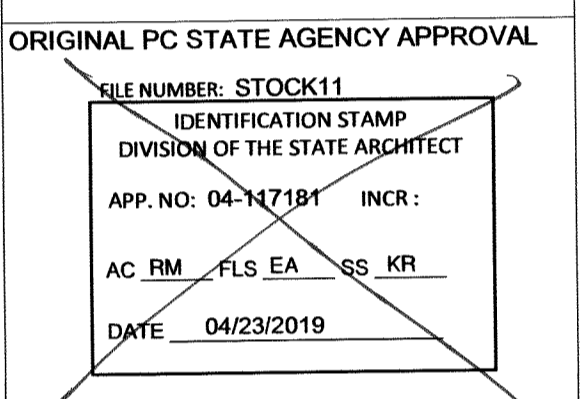
2 3" = 1'-0" Roof @ Standing Seam Sidwall



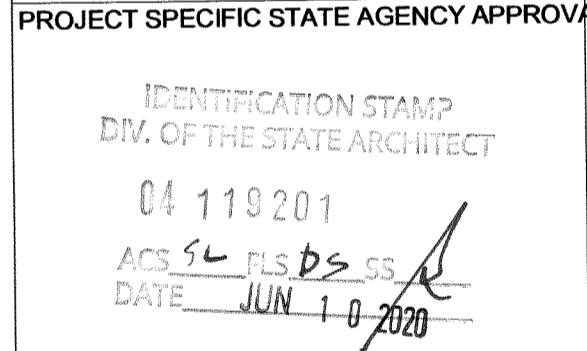
1 3" = 1'-0" Roof @ Endwall Std'g Seam (Low End)



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PROJECT TITLE
30' x 32' EXPANDABLE TO 150' x 32'



Revision Schedule

#	Description	Date

SHEET TITLE
ROOF DETAILS (STANDING SEAM)

PROJECT NUMBER
17156

DRAWN BY
rMc/SC

CHECKED BY
JA/RT

DATE
10.12.2018

SHEET NO.
A4.1

SHEET OF SHEETS

Ext. Finish Schedule			
Finishes	Sheet	Notes	
X SIDING OVER WD STUDS	A2.1		
□ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ WD STUDS	A2.2		
□ SIDING OVER STL STUDS	A2.3		
□ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ STL STUDS	A2.4		

Fire Rating Schedule			
Rating	Sheet	Notes	
□ 1 HOUR - SIDING OVER WD STUDS	A2.5		
□ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w/ WD STUDS	A2.6		
□ 1 HOUR - SIDING OVER STL STUDS	A2.7		
□ 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

SEE SHEET ALT-01 FOR FINISH INFO.

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

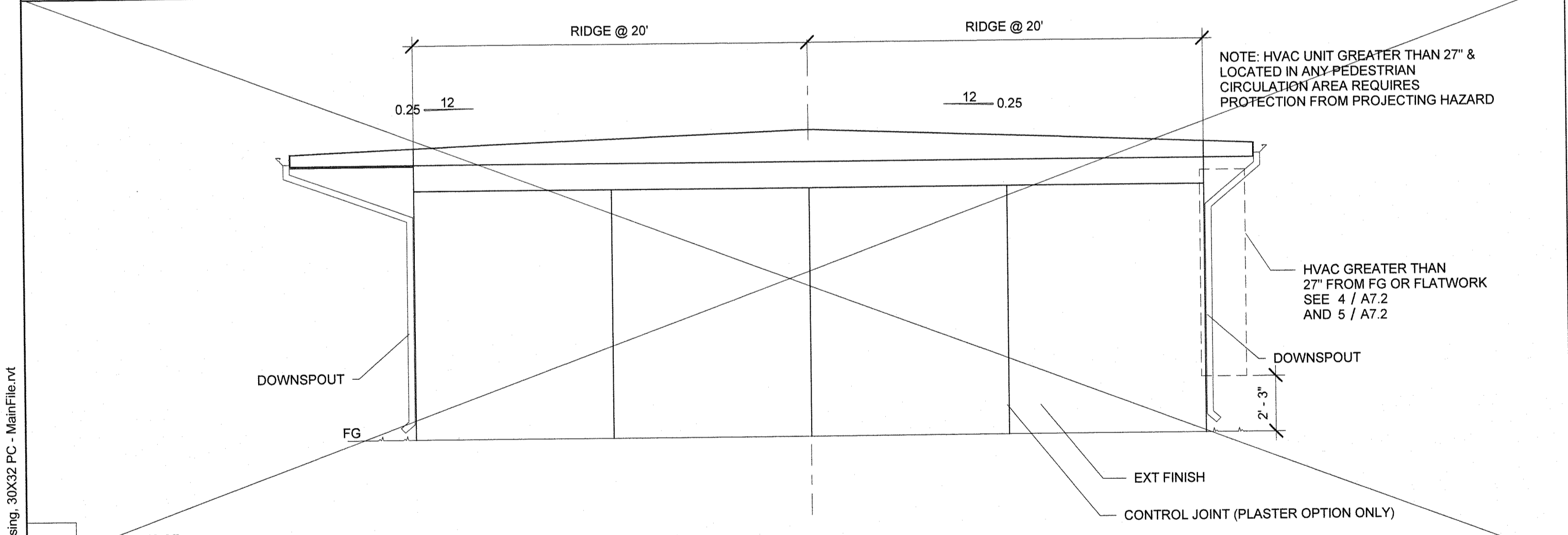
10 1/4" = 1'-0" Fire Rating Schedule

SEE A0.1 FOR GENERAL NOTES

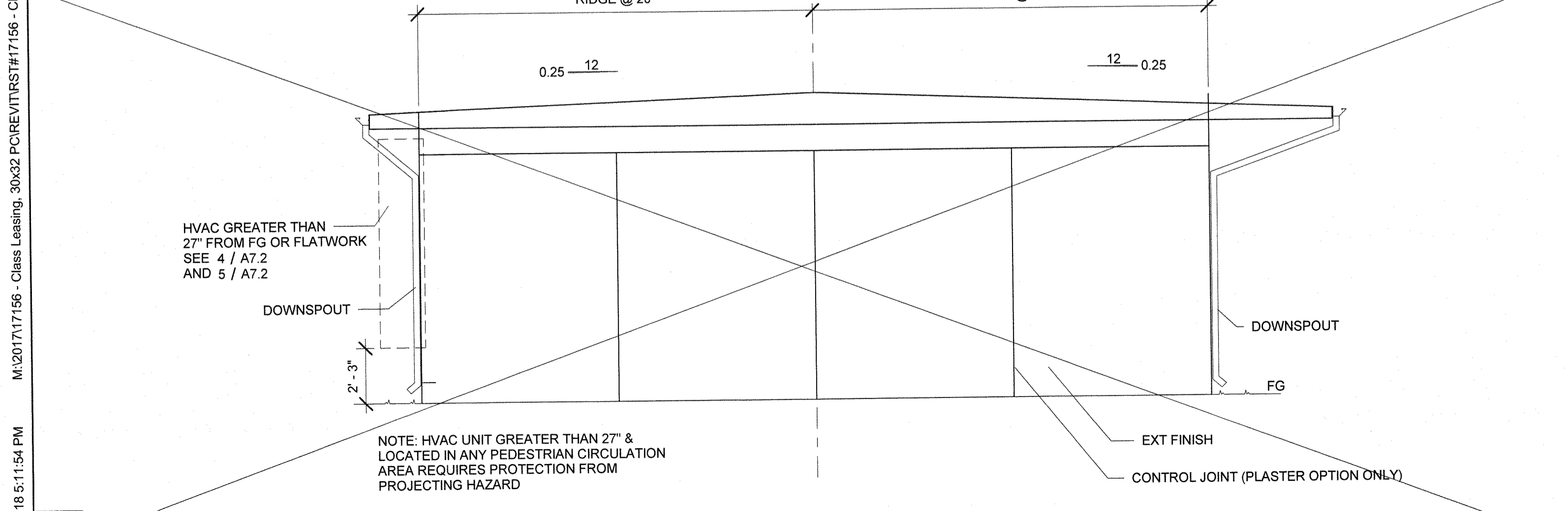
Wall Schedule			
Stud Size	Sheet	Notes	
X Wood Wall Stud	S4.5		
□ MIT Wall Stud	S4.5	CONTINUOUS EXT R-4 INSULATION	

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

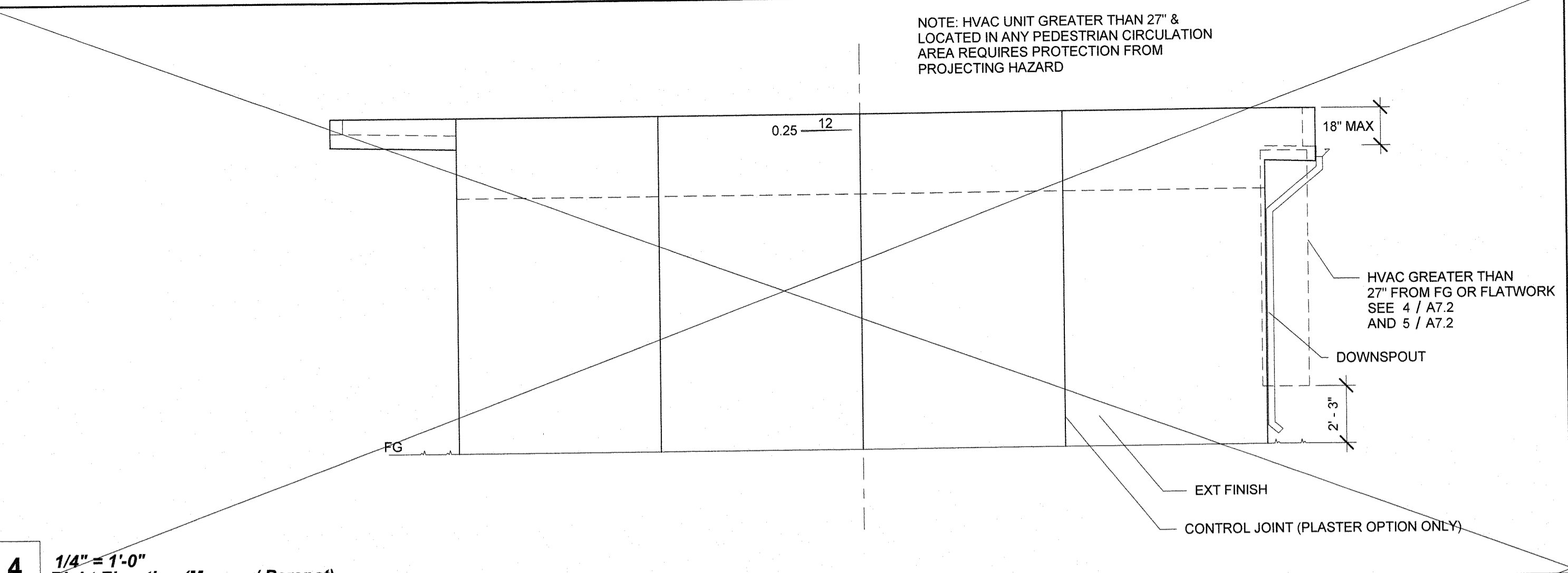
8 1/4" = 1'-0" Wall Schedule



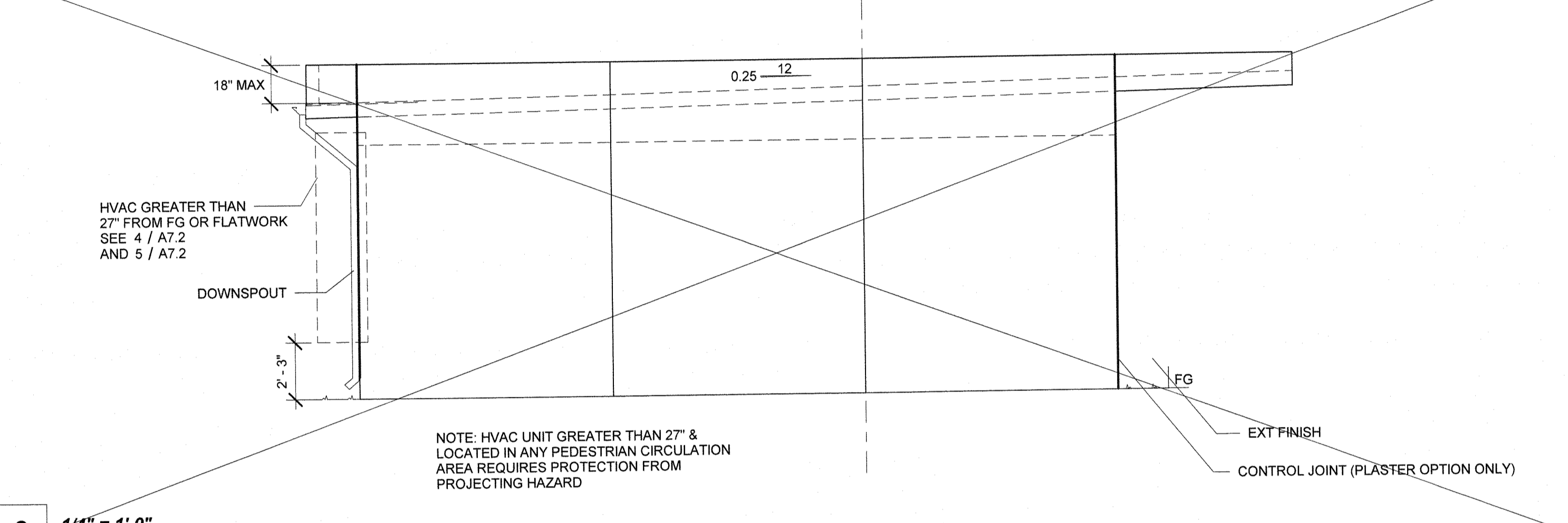
6 1/4" = 1'-0" Right Elevation (Dual)



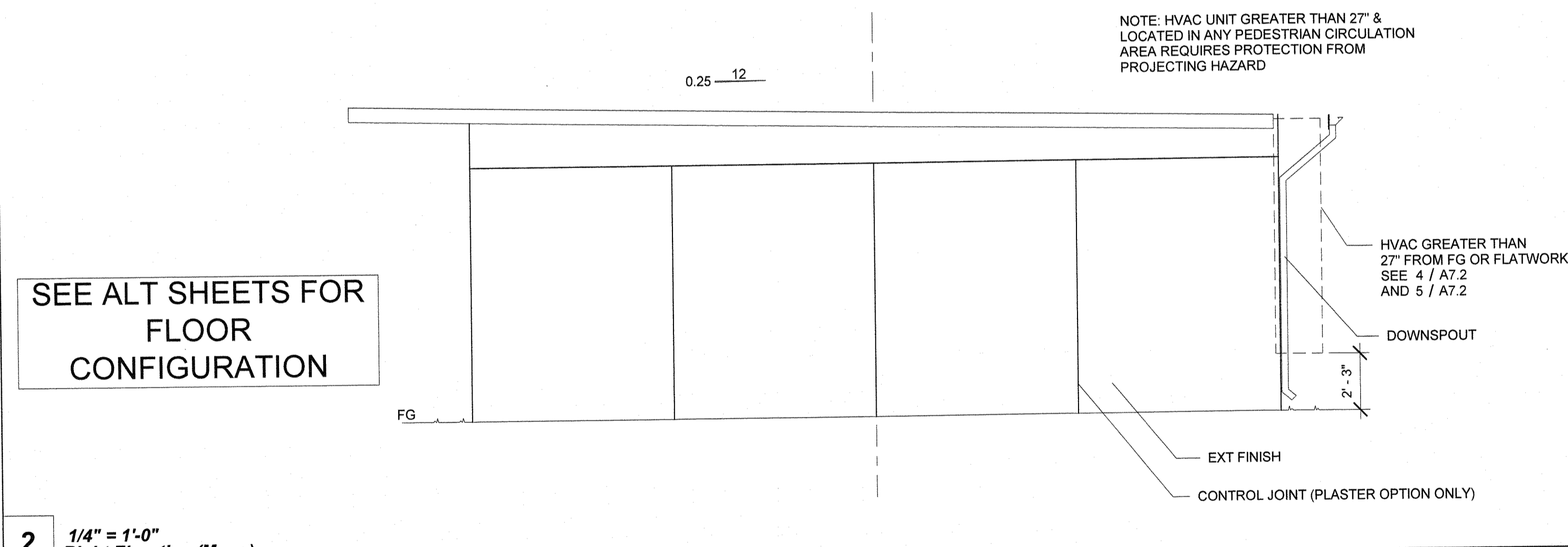
5 1/4" = 1'-0" Left Elevation (Dual)



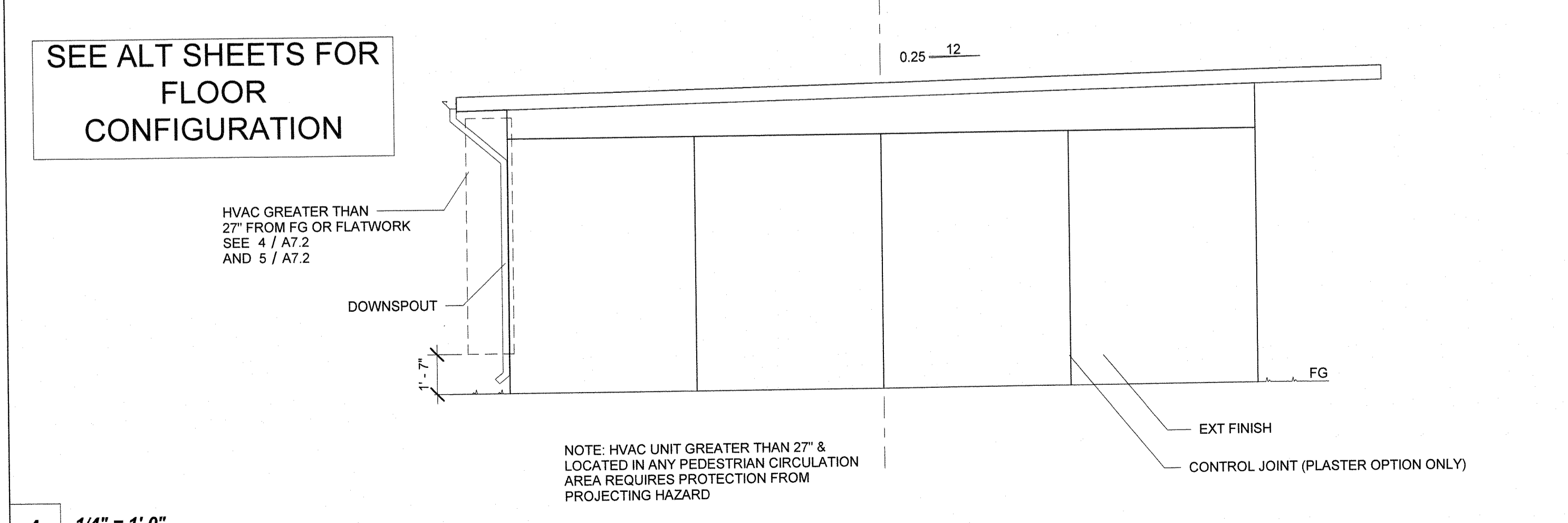
4 1/4" = 1'-0" Right Elevation (Mono w/ Parapet)



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



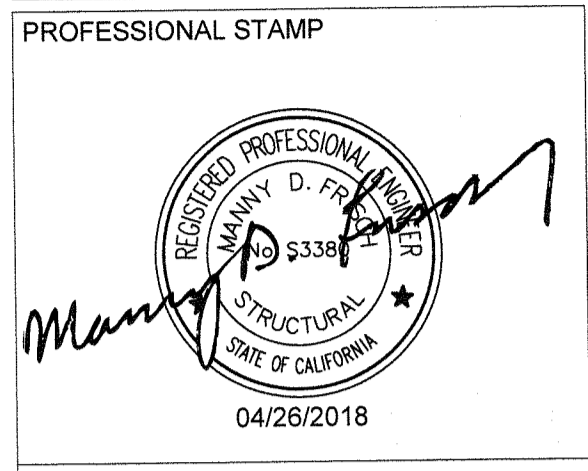
2 1/4" = 1'-0" Right Elevation (Mono)



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

SEE ALT SHEETS FOR FLOOR CONFIGURATION

SEE ALT SHEETS FOR FLOOR CONFIGURATION



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ORIGINAL PC STATE AGENCY APPROVAL

FILE NUMBER: STOCK11
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APP. NO: 04-147181 IMCR:
 AC RM FLS EA BS KR
 DATE: 04/23/2019

PROJECT TITLE
 30' x 32'
 EXPANDABLE TO
 150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL

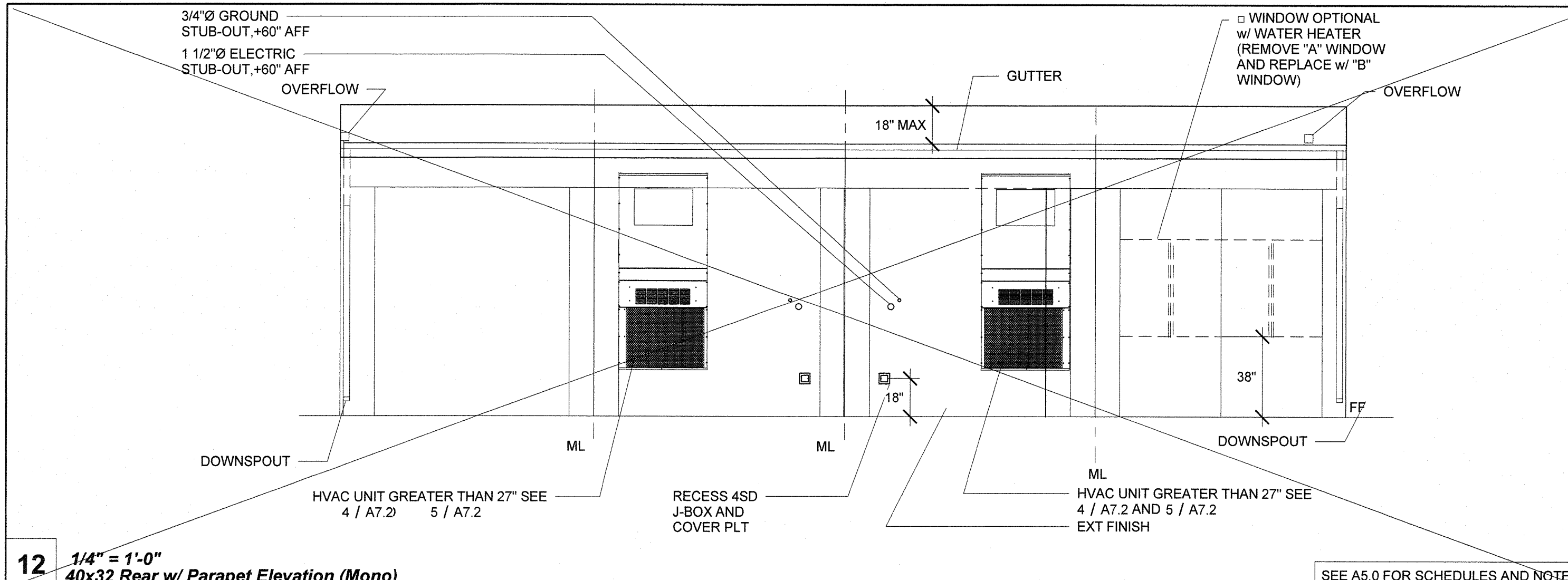
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 DIV. OF THE STATE ARCHITECT
 04 119001
 APP. NO. 04-147181
 DATE: JUN 10 2019

Revision Schedule		
#	Description	Date

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 ELEVATION

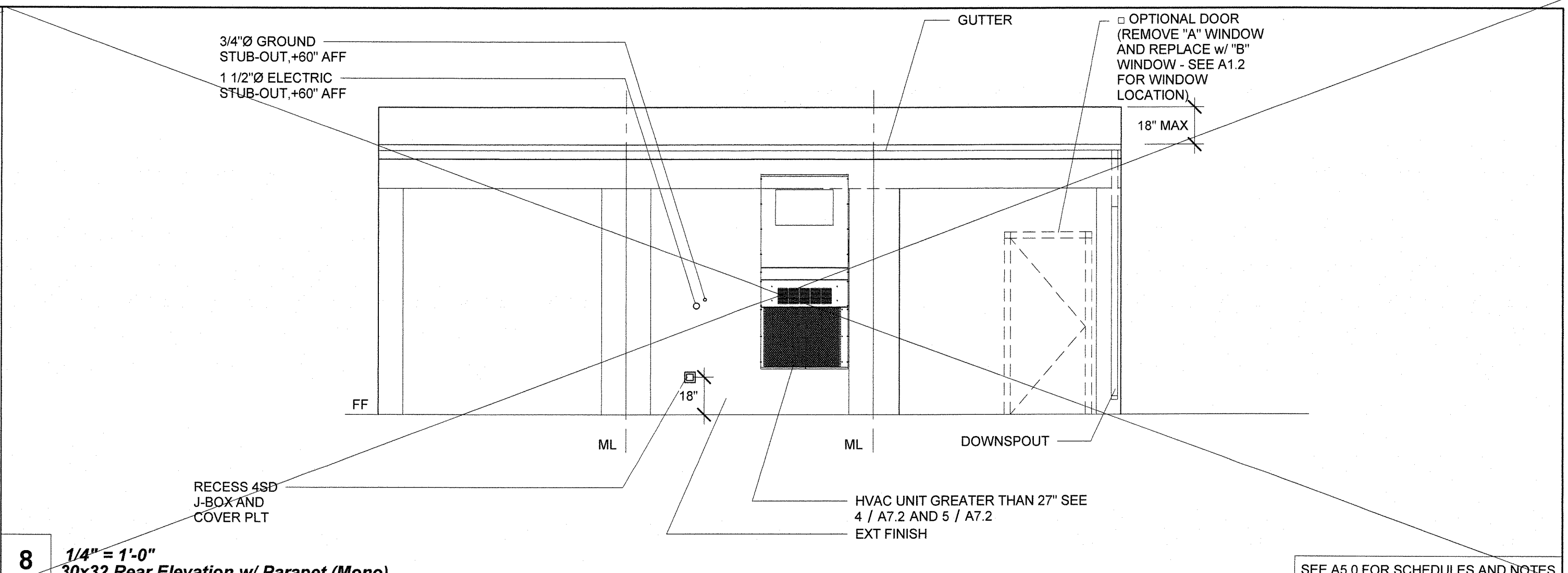
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DRAWN BY	rMc/SC
CHECKED BY	JA/RT
DATE	10.12.2018
SHEET NO.	A5.0
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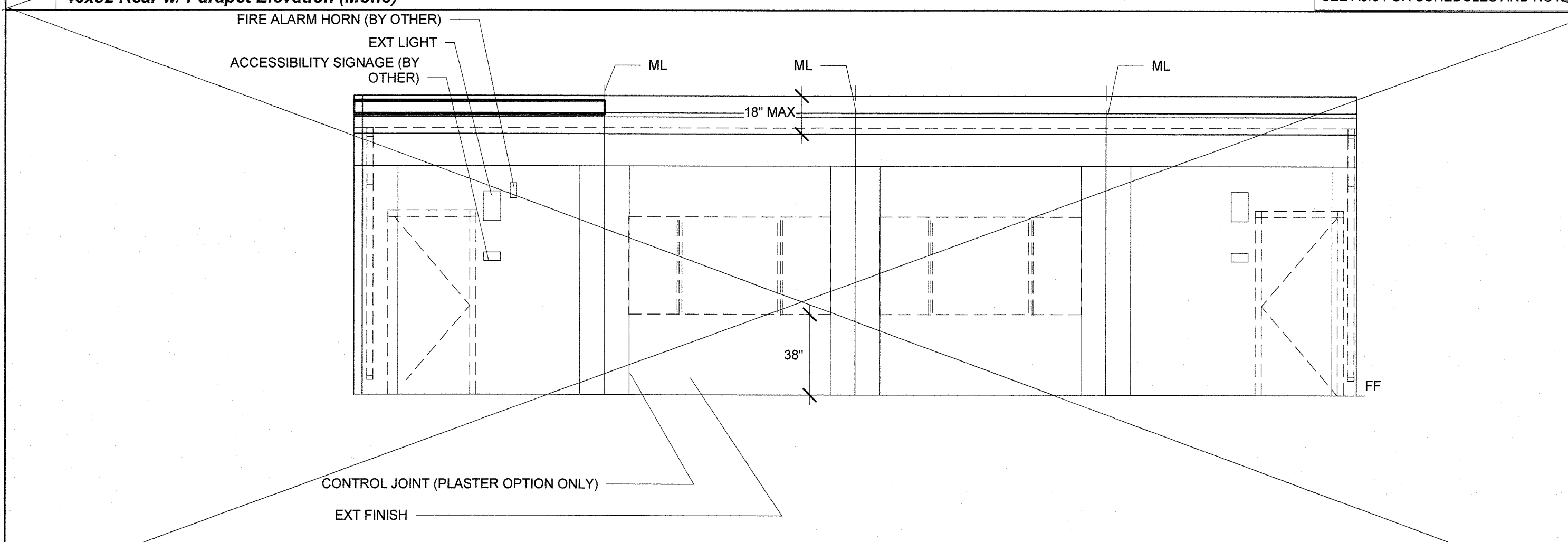
12 1/4" = 1'-0"
40x32 Rear w/ Parapet Elevation (Mono)

SEE A5.0 FOR SCHEDULES AND NOTES



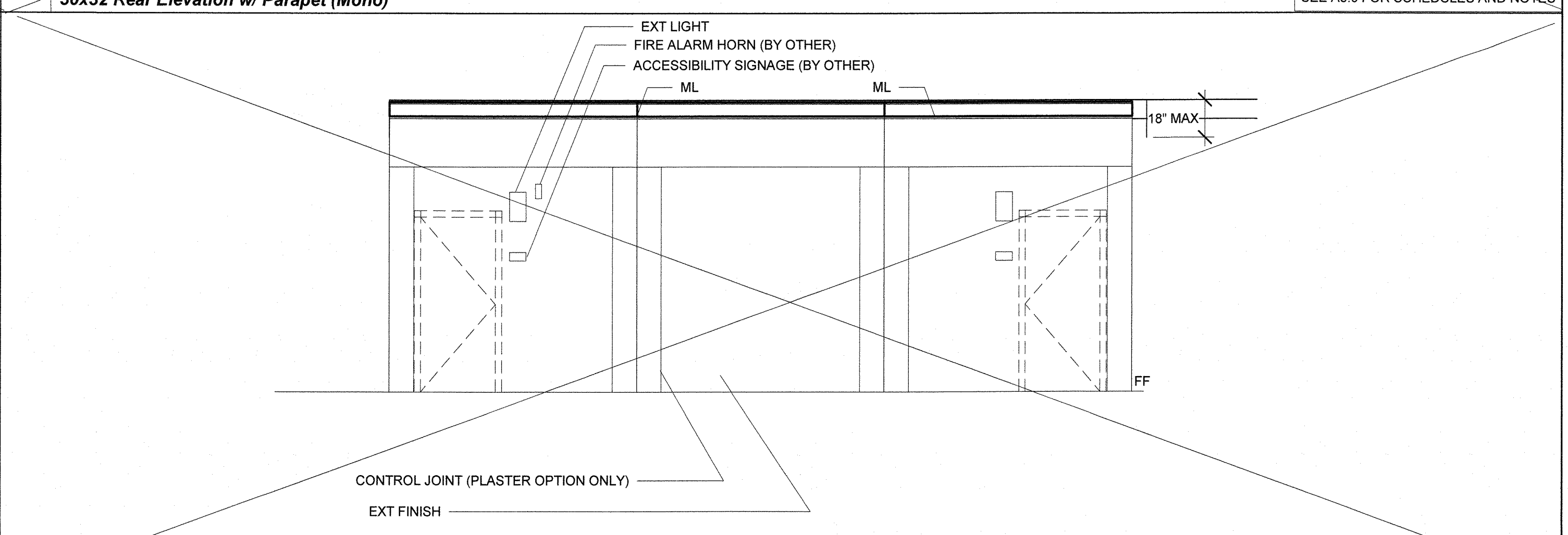
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30x32 Rear Elevation w/ Parapet (Mono)

SEE A5.0 FOR SCHEDULES AND NOTES



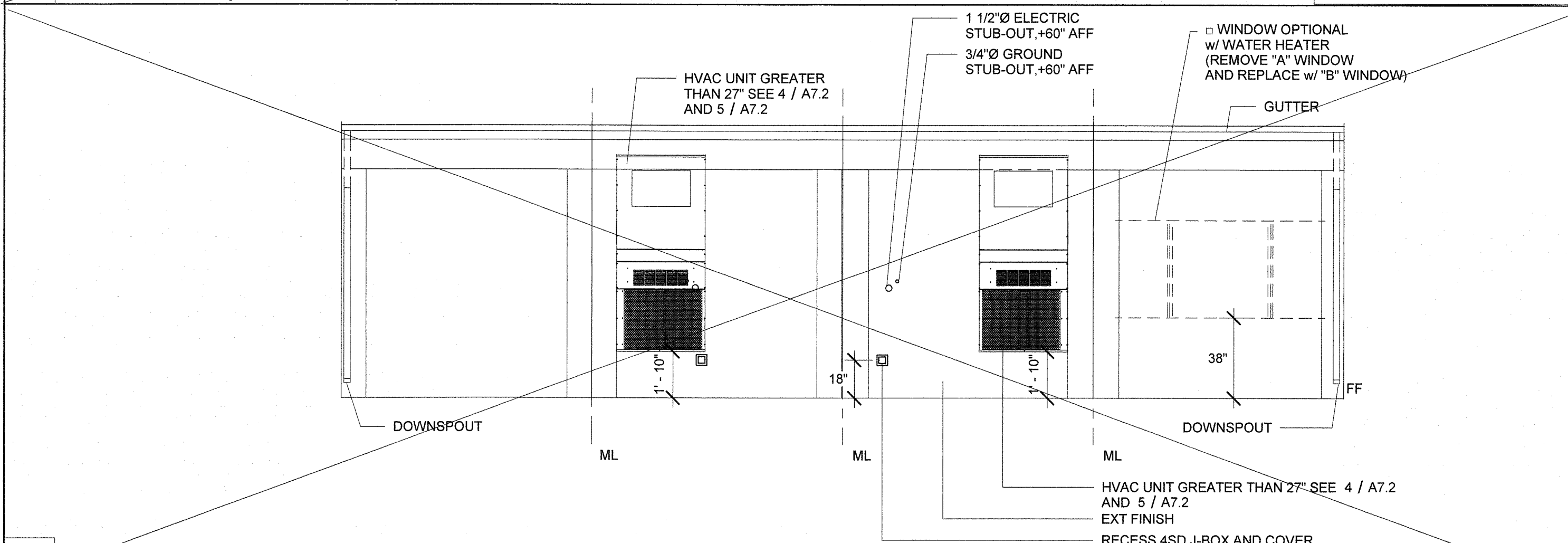
11 1/4" = 1'-0"
40x32 Front w/ Parapet Elevation (Mono)

SEE A5.0 FOR SCHEDULES AND NOTES



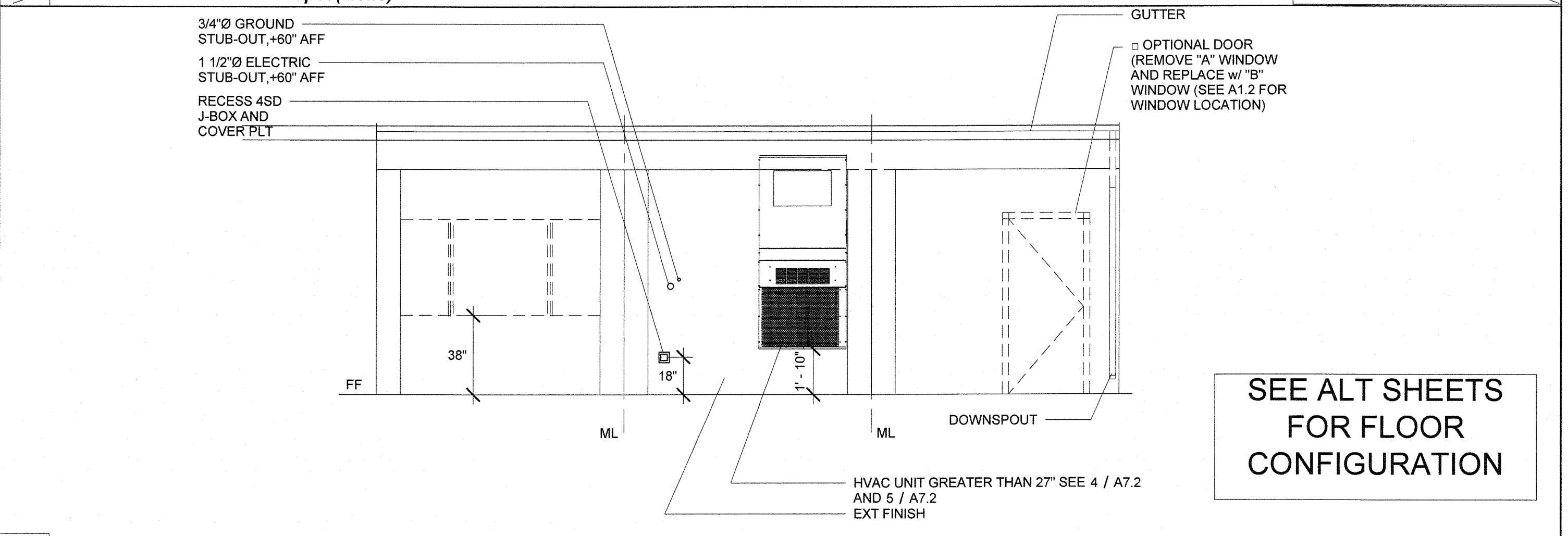
7 1/4" = 1'-0"
30x32 Front Elevation w/ Parapet (Mono)

SEE A5.0 FOR SCHEDULES AND NOTES



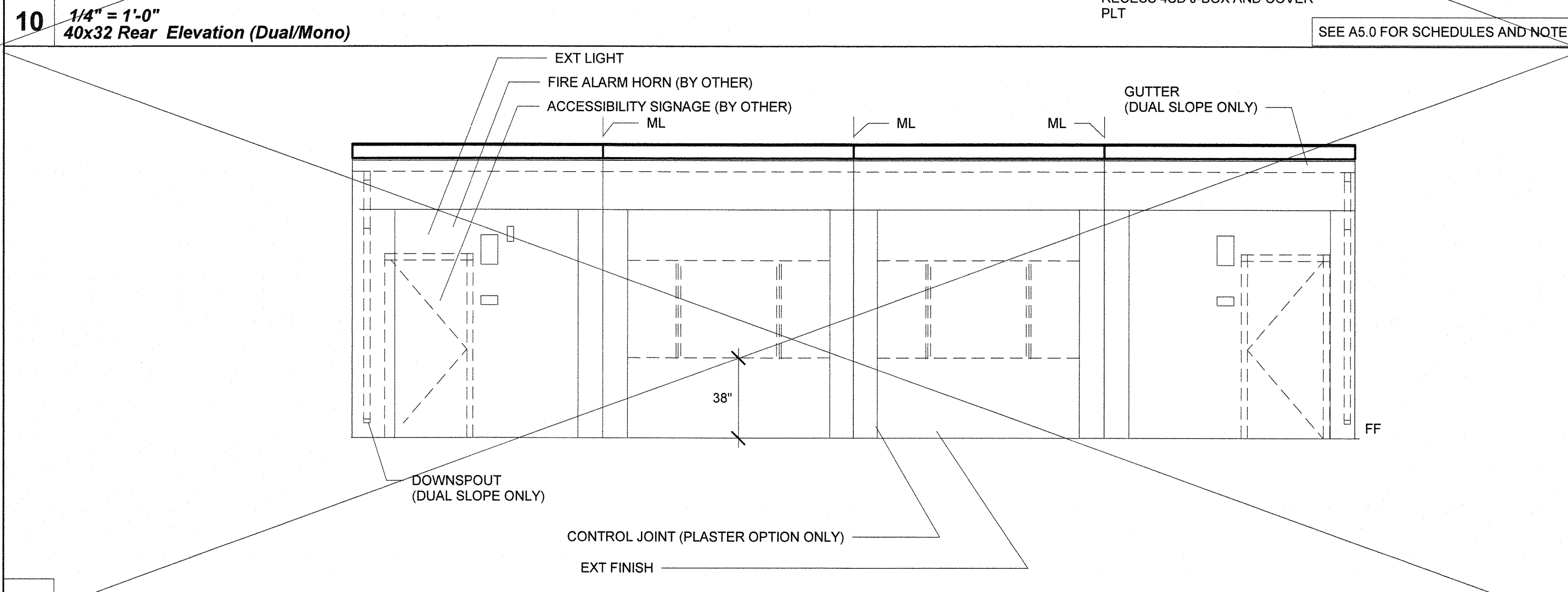
10 1/4" = 1'-0"
40x32 Rear Elevation (Dual/Mono)

SEE A5.0 FOR SCHEDULES AND NOTES



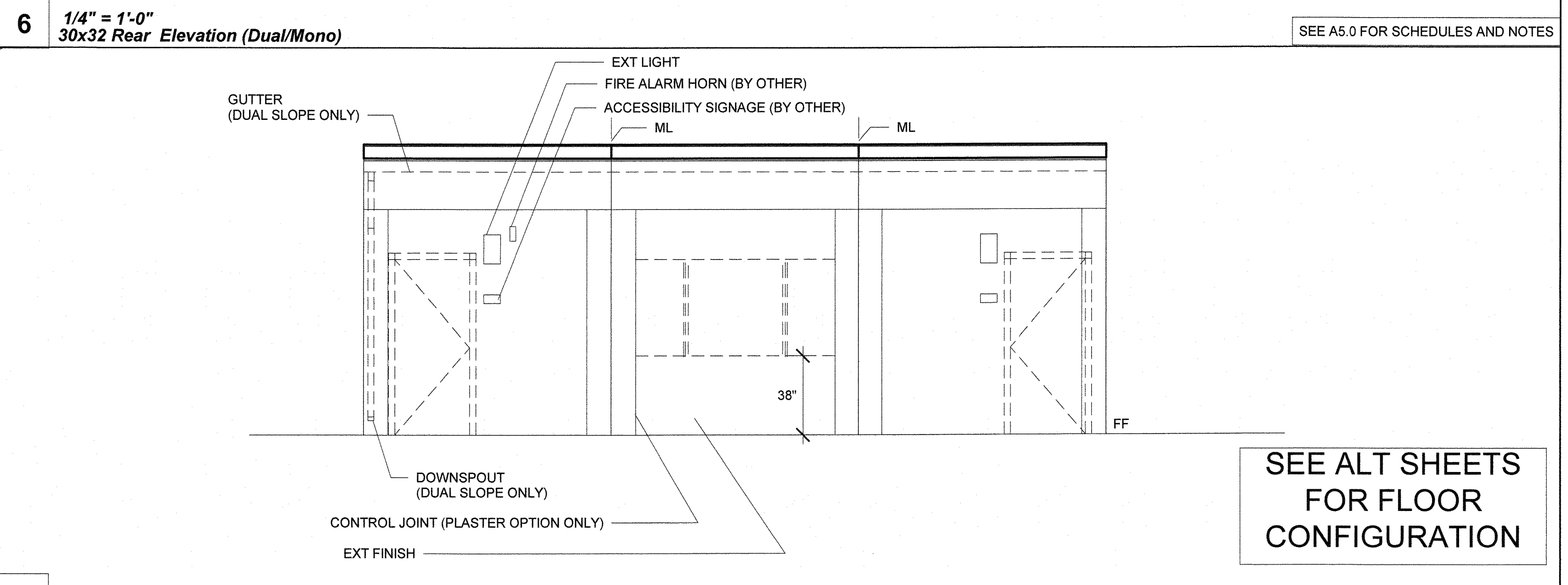
6 1/4" = 1'-0"
30x32 Rear Elevation (Dual/Mono)

SEE A5.0 FOR SCHEDULES AND NOTES



9 1/4" = 1'-0"
40x32 Front Elevation (Dual/Mono)

SEE A5.0 FOR SCHEDULES AND NOTES

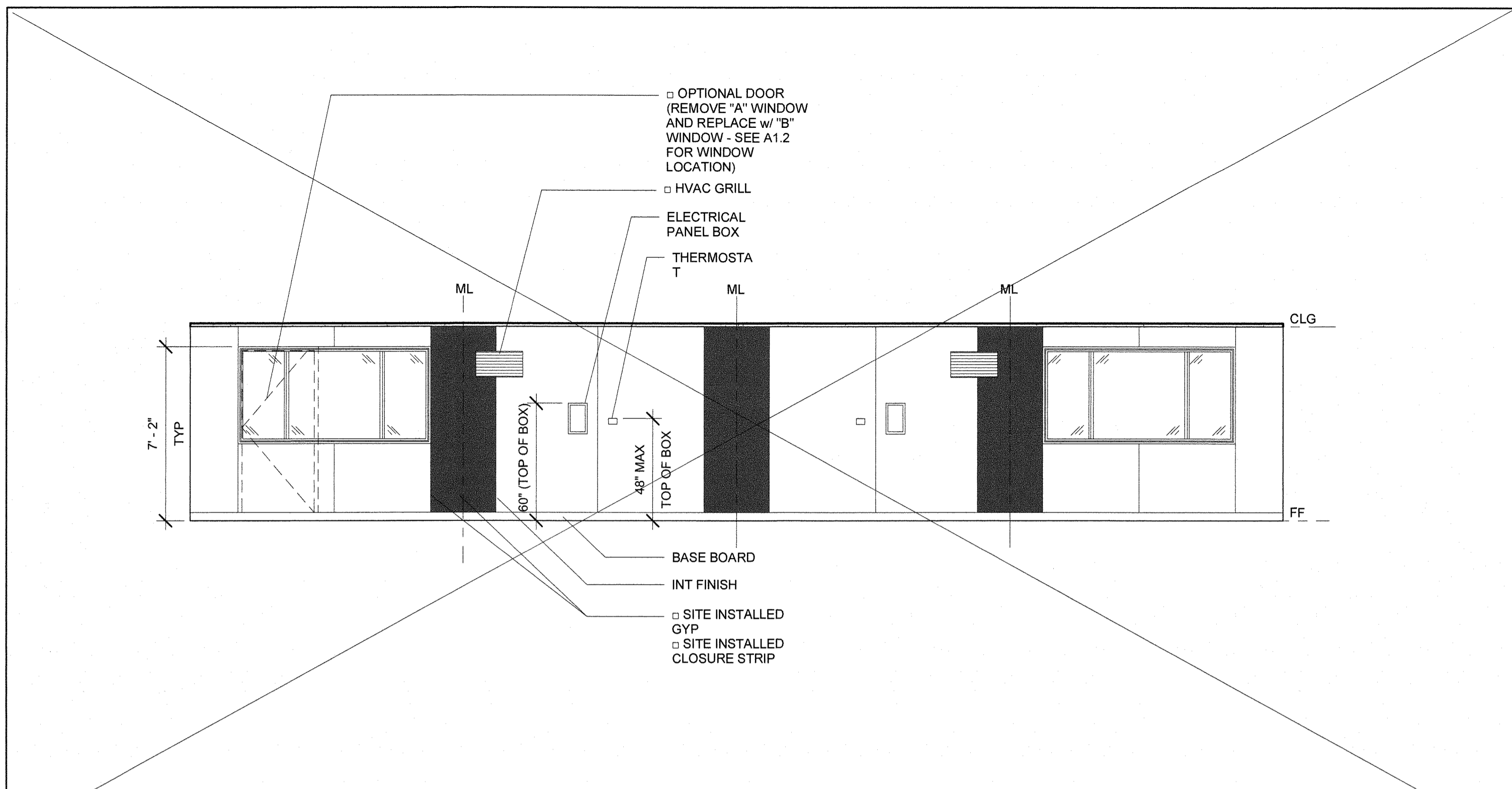


5 1/4" = 1'-0"
30x32 Front Elevation (Dual/Mono)

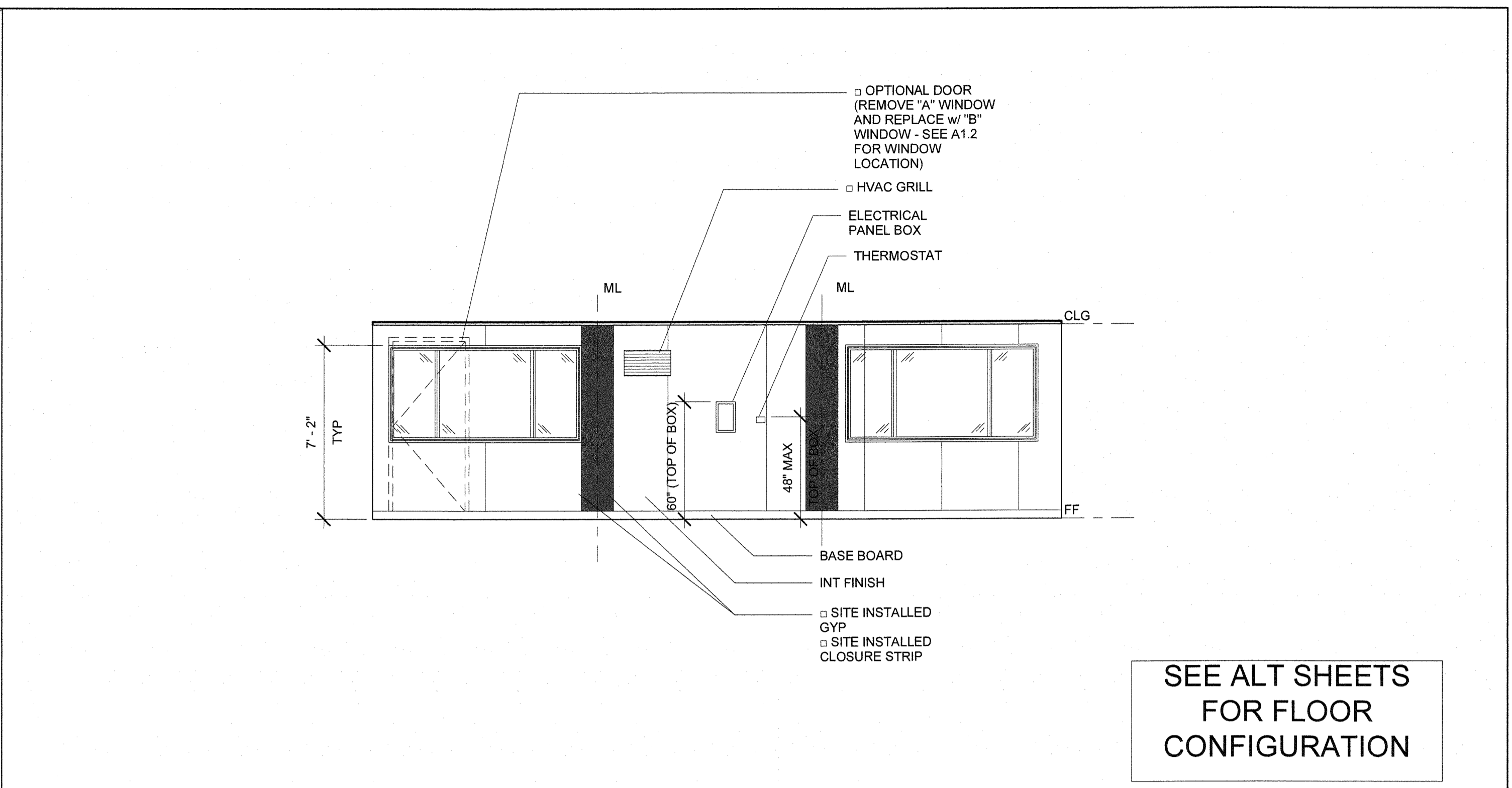
SEE A5.0 FOR SCHEDULES AND NOTES

SEE ALT SHEETS FOR FLOOR CONFIGURATION

SEE ALT SHEETS FOR FLOOR CONFIGURATION

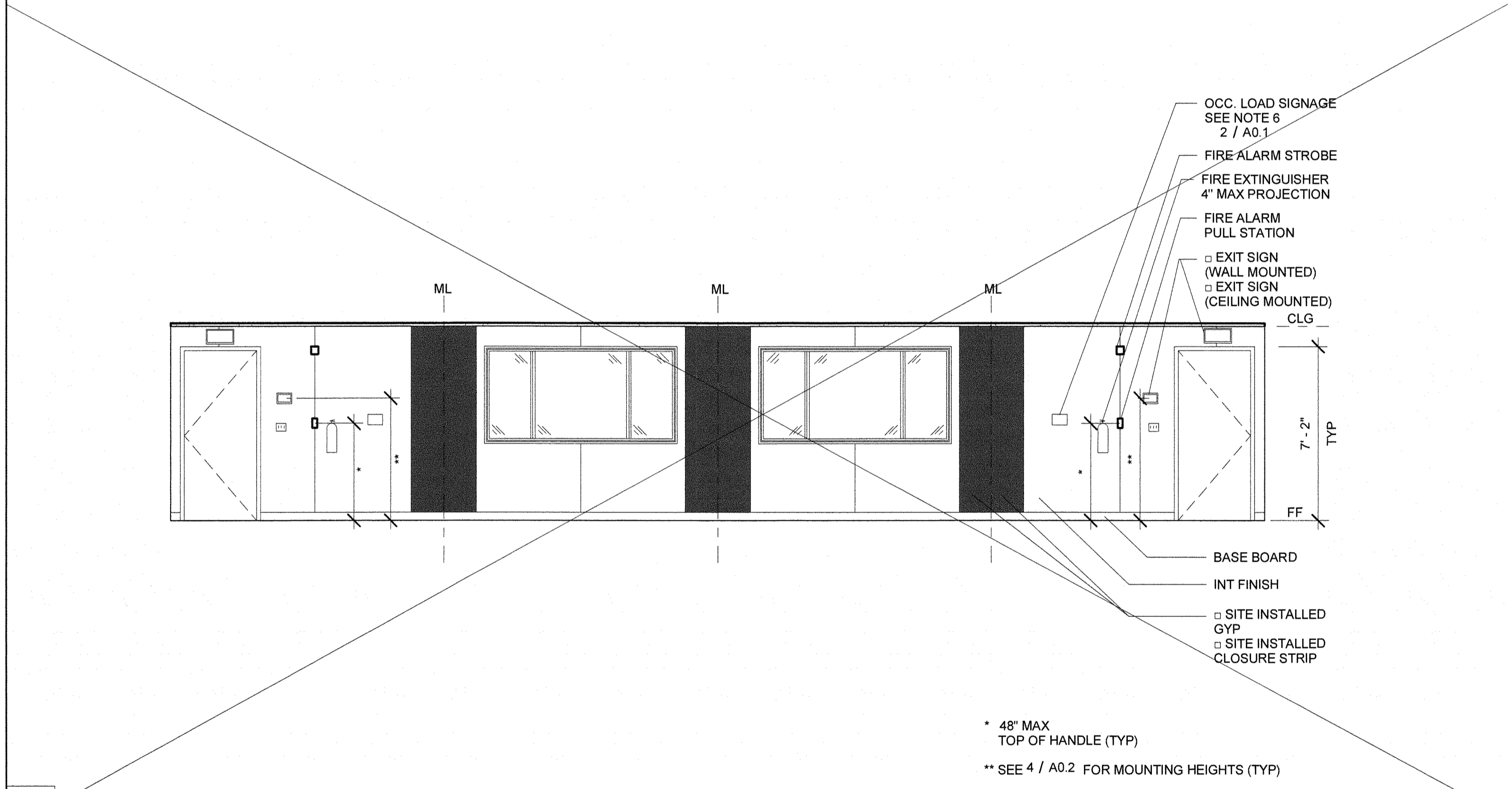


7 1/4" = 1'-0"
 48x40 Rear Interior Elevation

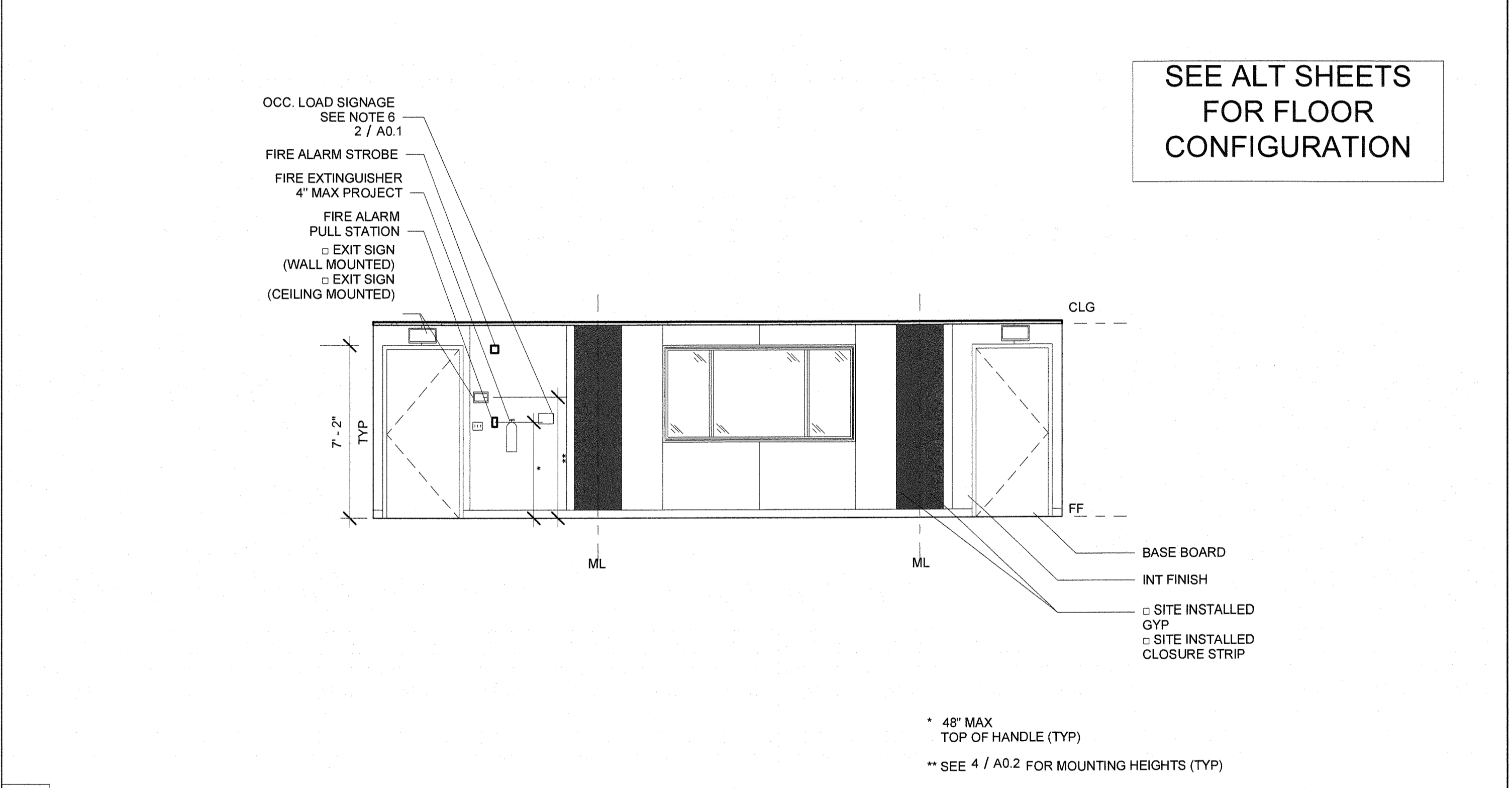


6 1/4" = 1'-0"
 36x40 Rear Interior Elevation

SEE ALT SHEETS FOR FLOOR CONFIGURATION



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

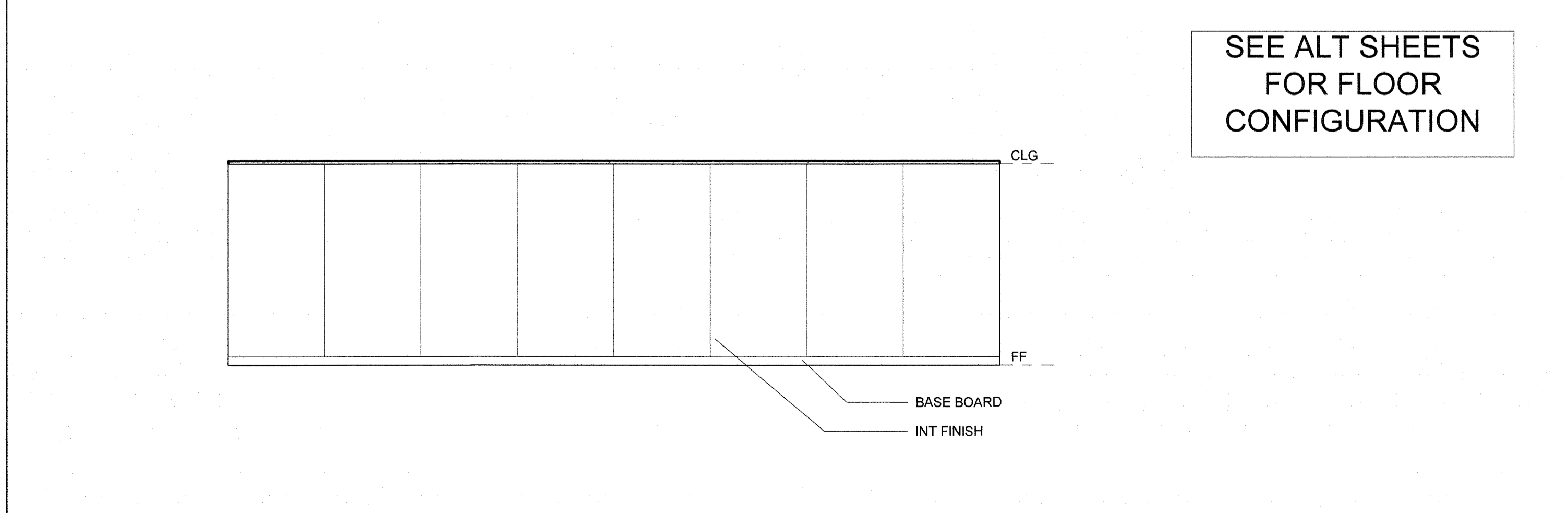


5 1/4" = 1'-0"
 36x40 Front Interior Elevation

SEE ALT SHEETS FOR FLOOR CONFIGURATION

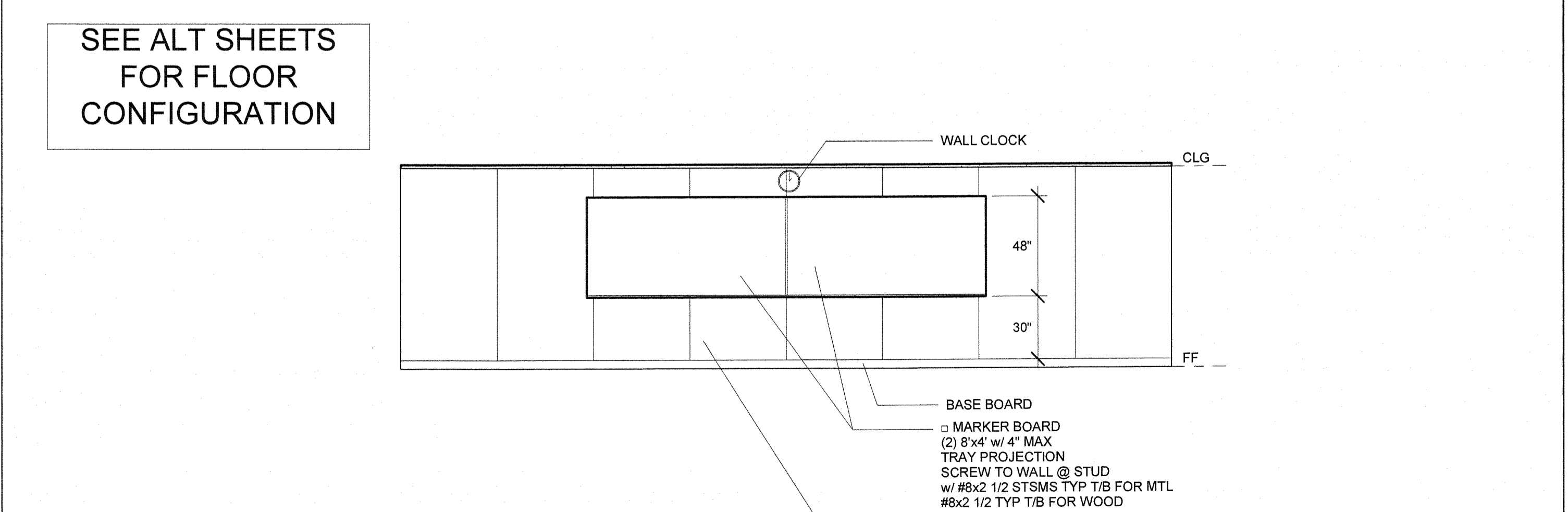
* 48" MAX TOP OF HANDLE (TYP)
 ** SEE 4 / A0.2 FOR MOUNTING HEIGHTS (TYP)

* 48" MAX TOP OF HANDLE (TYP)
 ** SEE 4 / A0.2 FOR MOUNTING HEIGHTS (TYP)



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

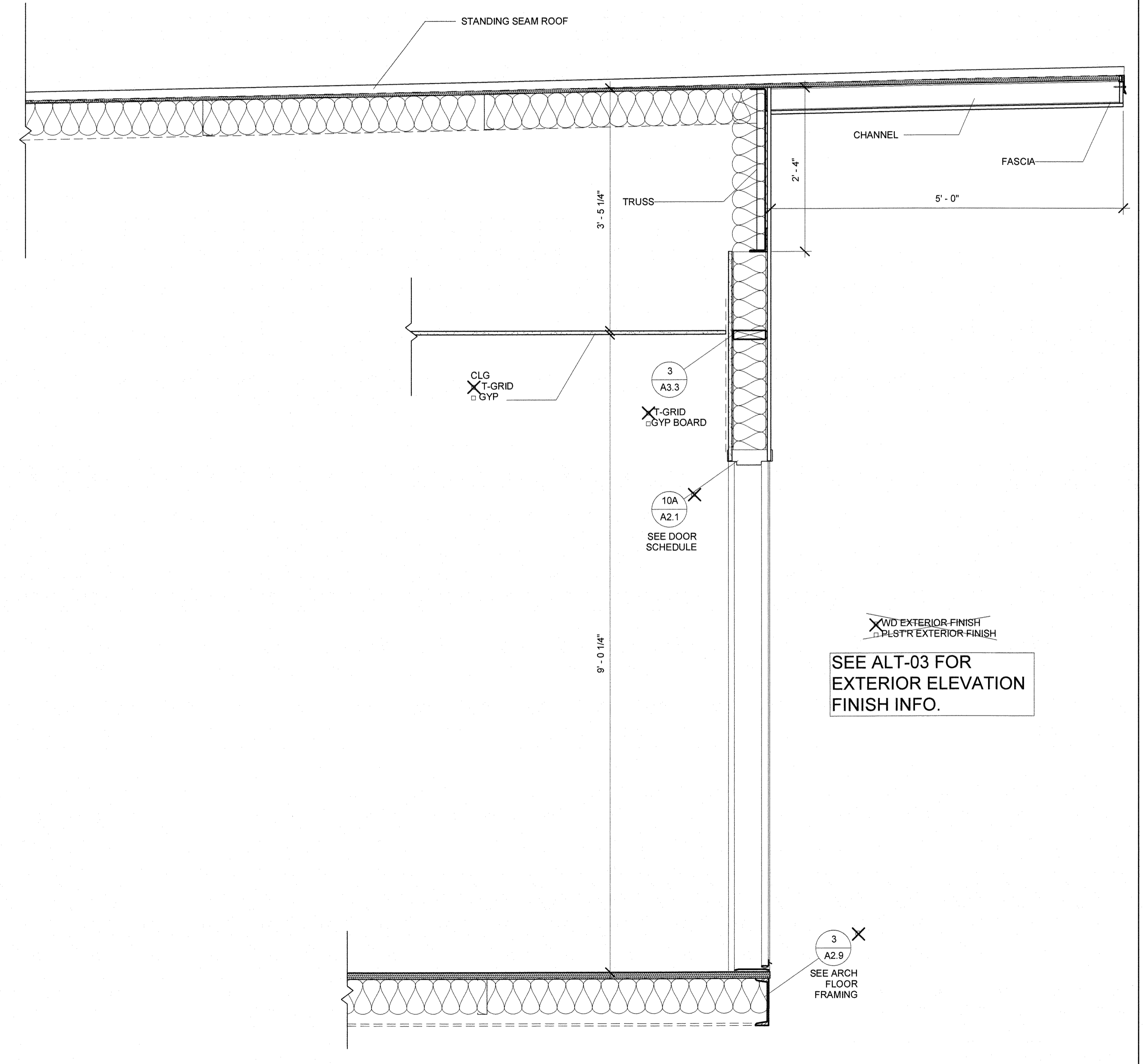
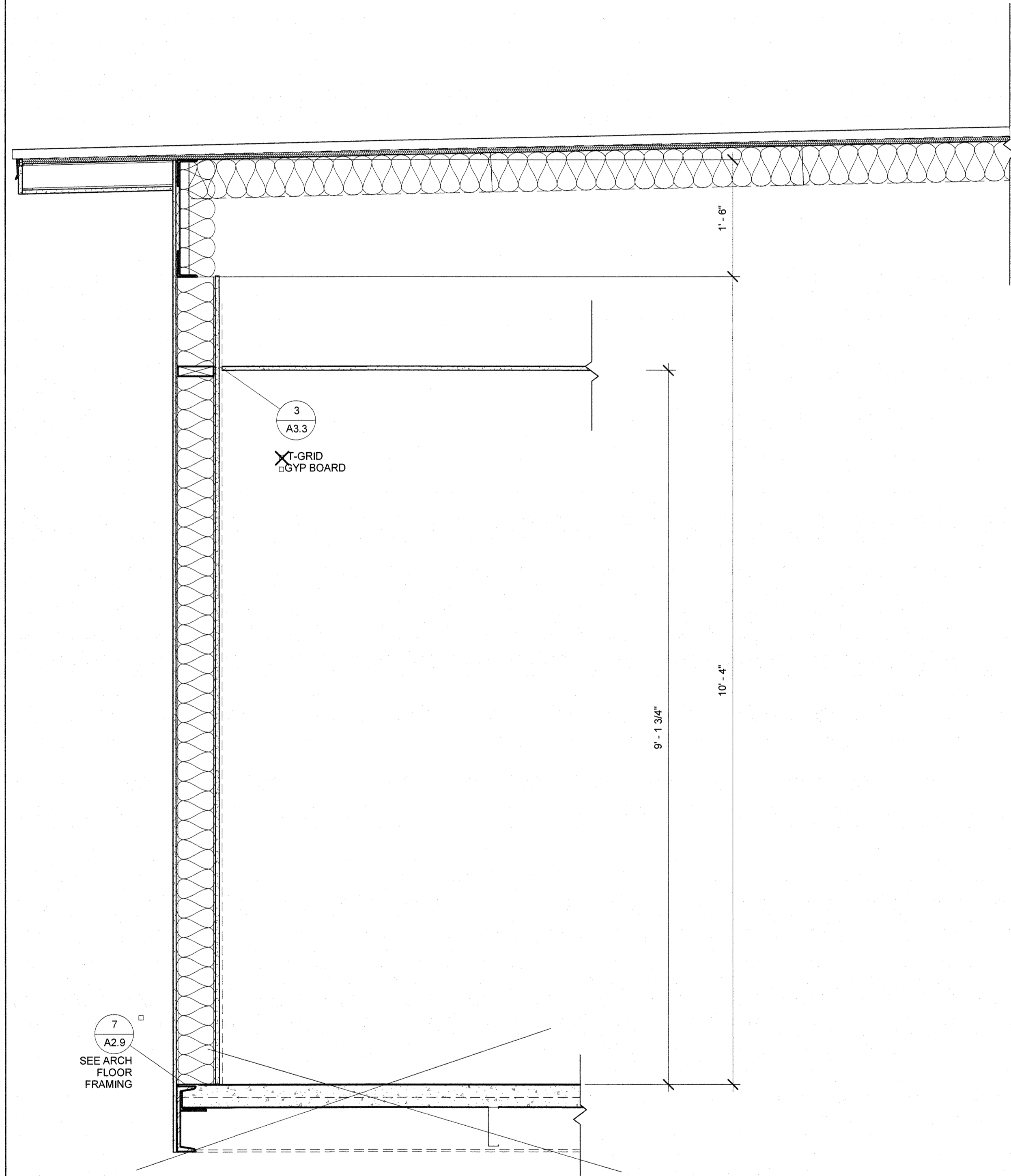
SEE ALT SHEETS FOR FLOOR CONFIGURATION



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

SEE ALT SHEETS FOR FLOOR CONFIGURATION

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 10/15/2018 9:33:36 AM



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

R&S TAVARES ASSOCIATES
 DESIGN • CONSULTING • PROJECT
 11777 BERNHARD BLVD. SUITE 105
 SAN DIEGO, CA 92128
 WWW.RTAVARES.COM

PROFESSIONAL STAMP

 04/26/2018

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CLIENT

 CLASS LEASING LLC
 1221 Harley Knox Boulevard
 Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
 FILE NUMBER: STOCK11
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APP. NO: 04-17181 INCR:
 AC. RM. FLS. EA. SS. KR.
 DATE: 04/23/2019

PROJECT TITLE
 30' x 32'
 EXPANDABLE TO
 150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 119201
 DATE: JUN 10 2020

Revision Schedule		
#	Description	Date

SHEET TITLE
 SECTION -
 STANDING SEAM
 (MONO)

PROJECT NUMBER
 17156

DRAWN BY
 rMc/SC

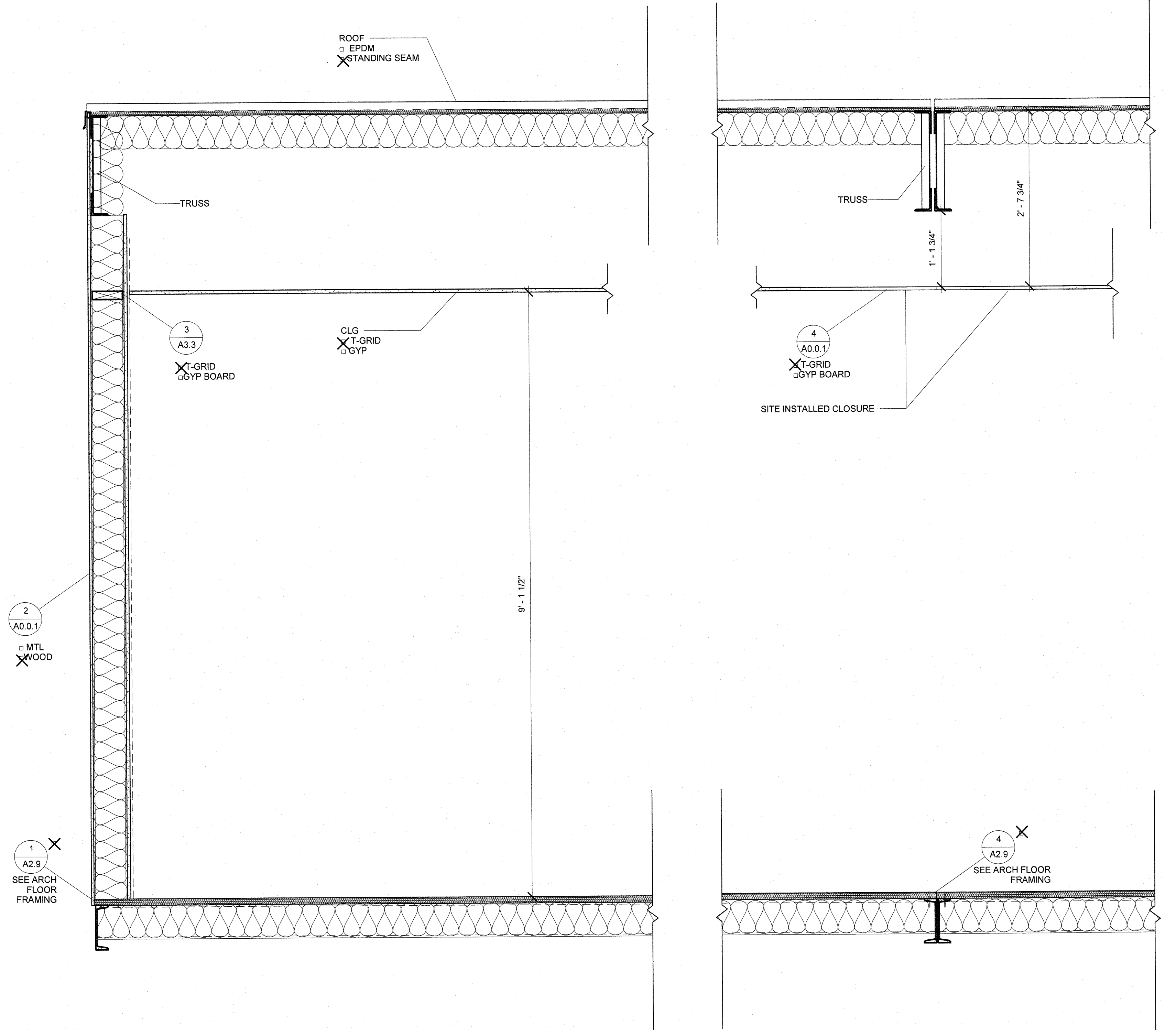
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DATE
 10.12.2018

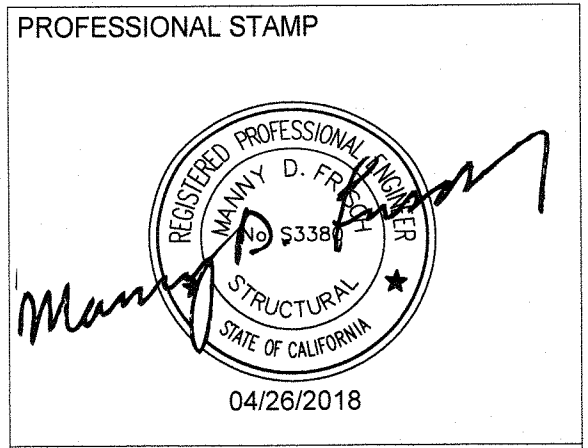
SHEET NO.
A6.0

SHEET OF SHEETS

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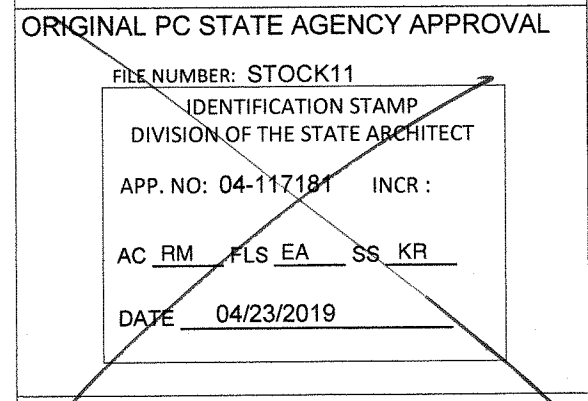
1 1" = 1'-0"
 Latitudinal Section



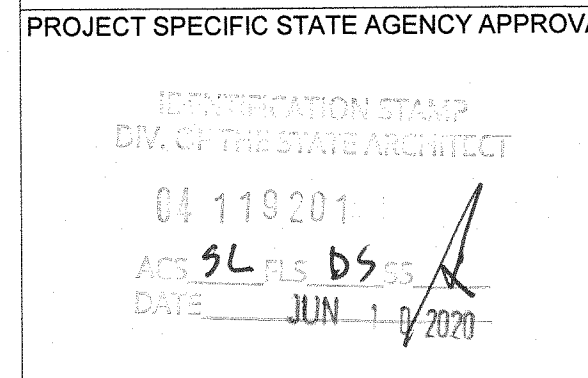
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CLASS LEASING LLC
 1221 Harley Knox Boulevard
 Perris, CA 92571



PROJECT TITLE
 30' x 32'
 EXPANDABLE TO
 150' x 32'

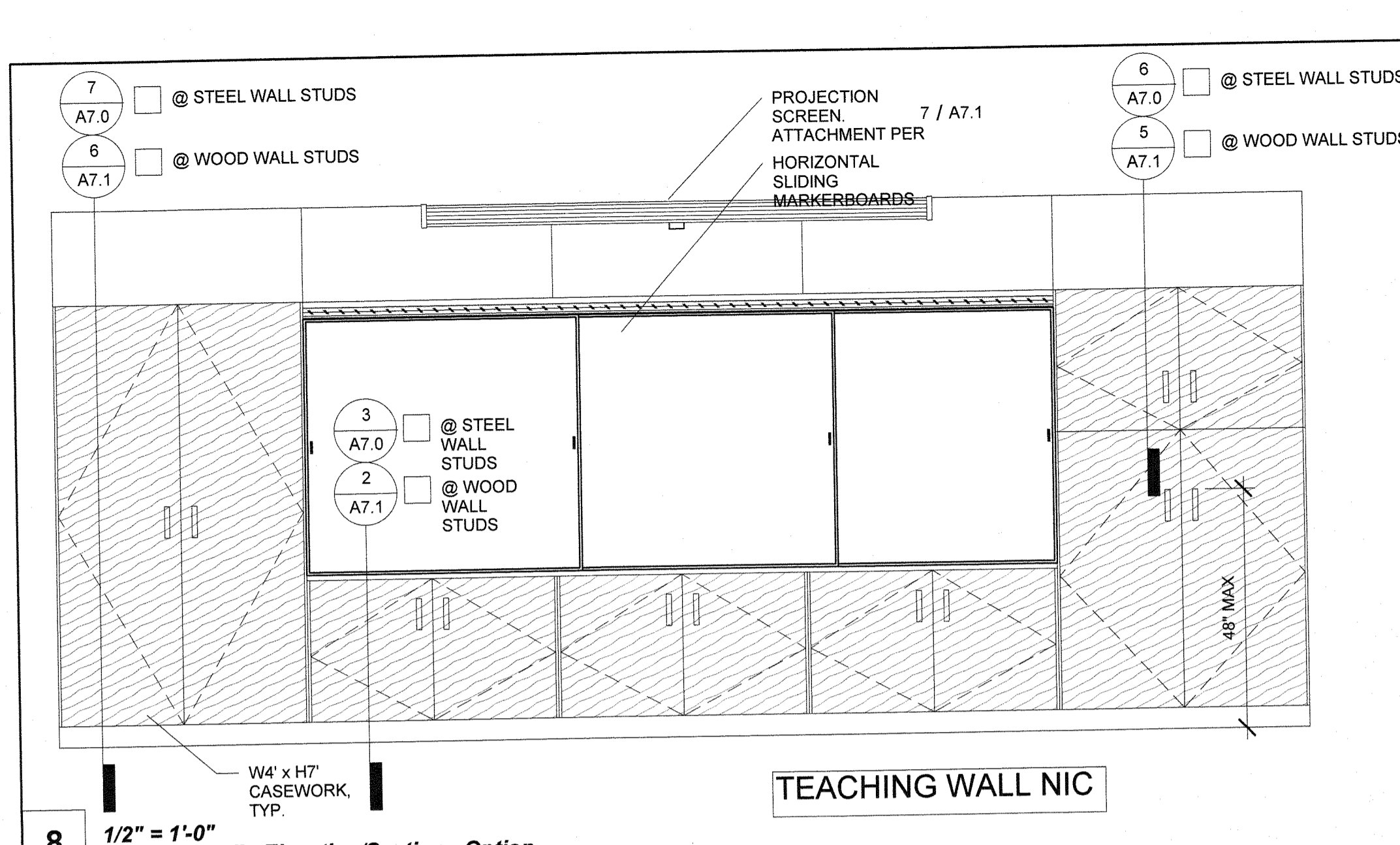


Revision Schedule

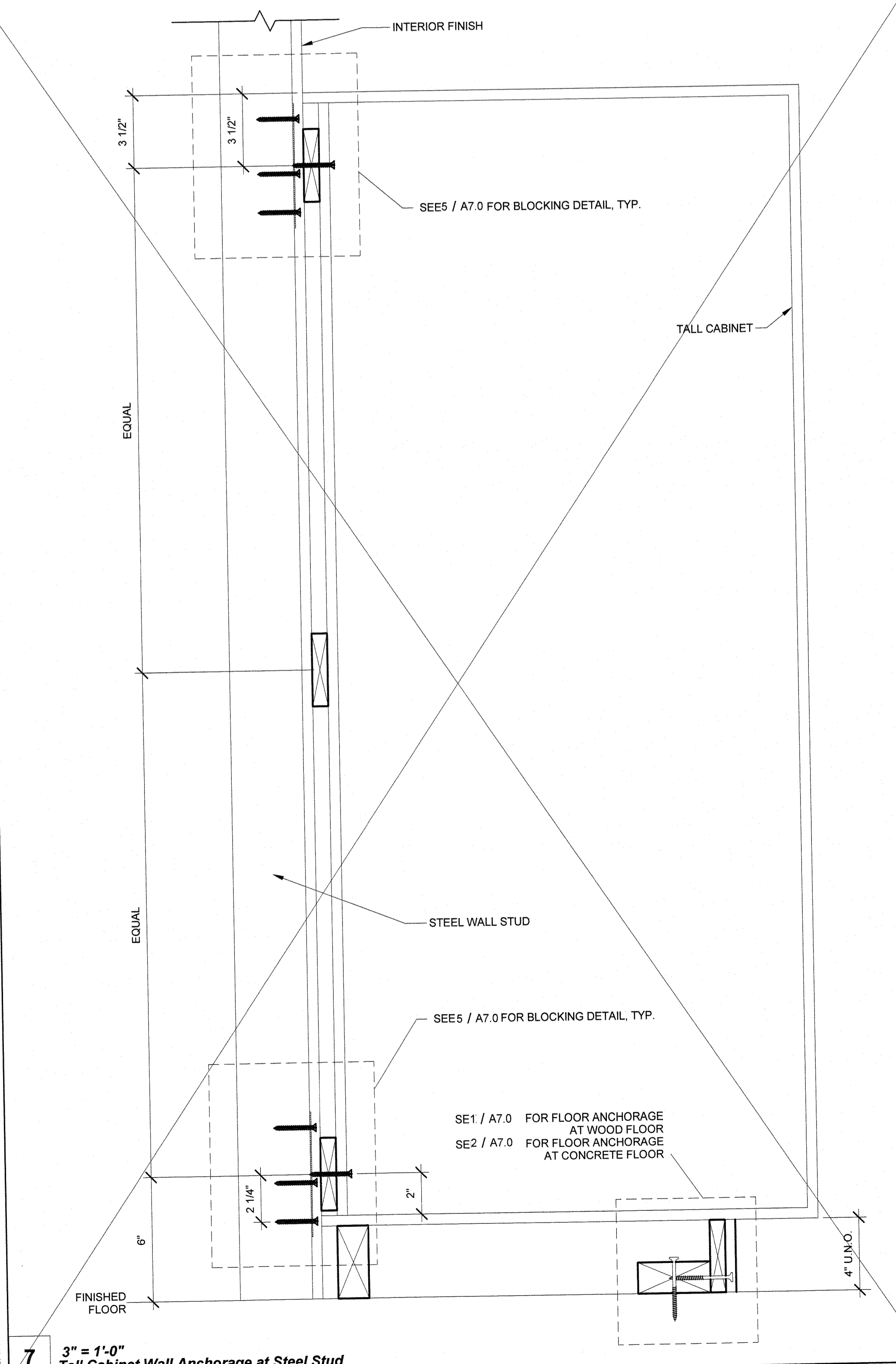
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 SECTION

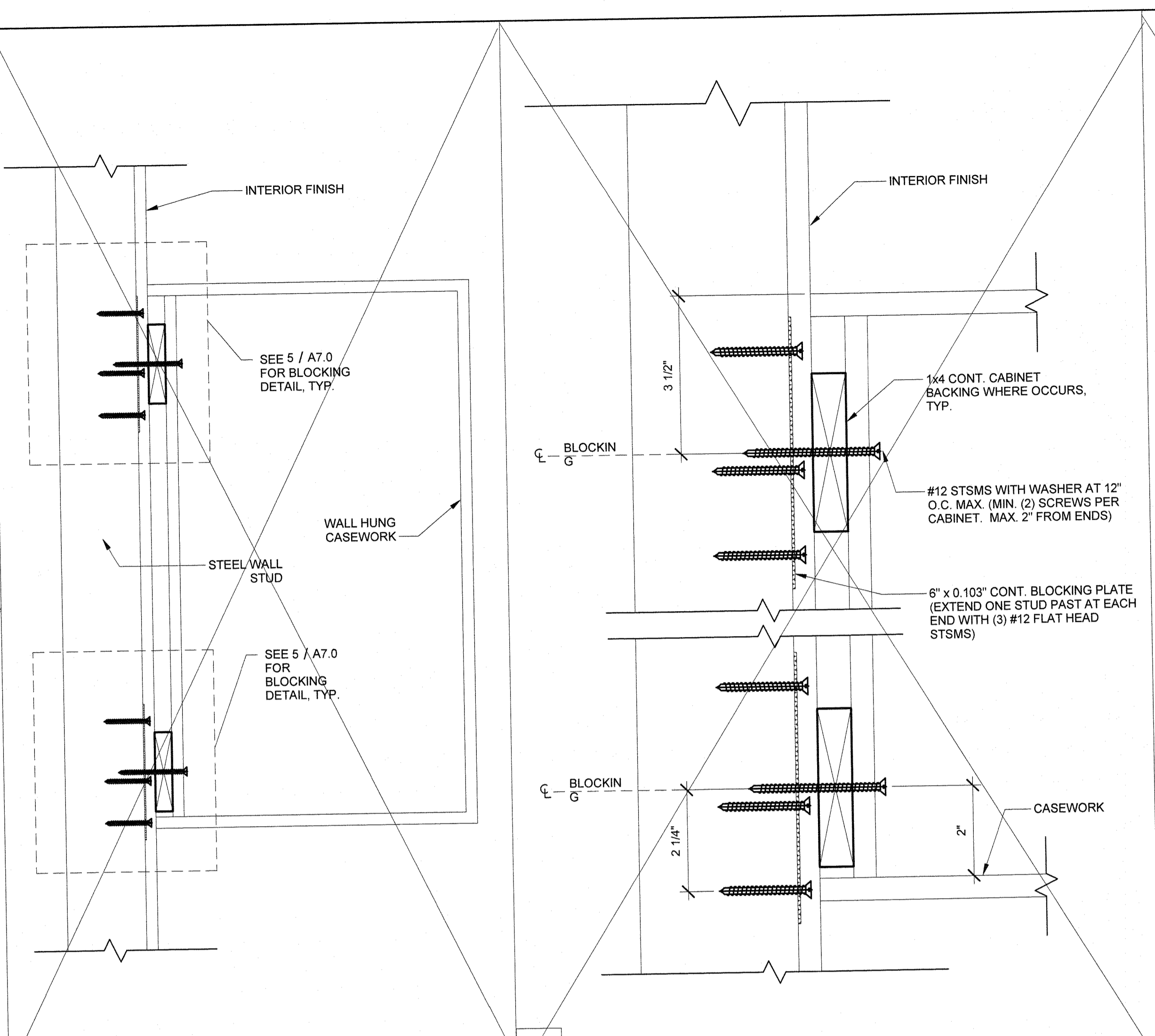
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DRAWN BY	rMc/SC
CHECKED BY	JA/RT
DATE	10.12.2018
SHEET NO.	A6.2
SHEET OF SHEETS	



8 1/2" = 1'-0" Teaching Wall - Elevation/Section - Option

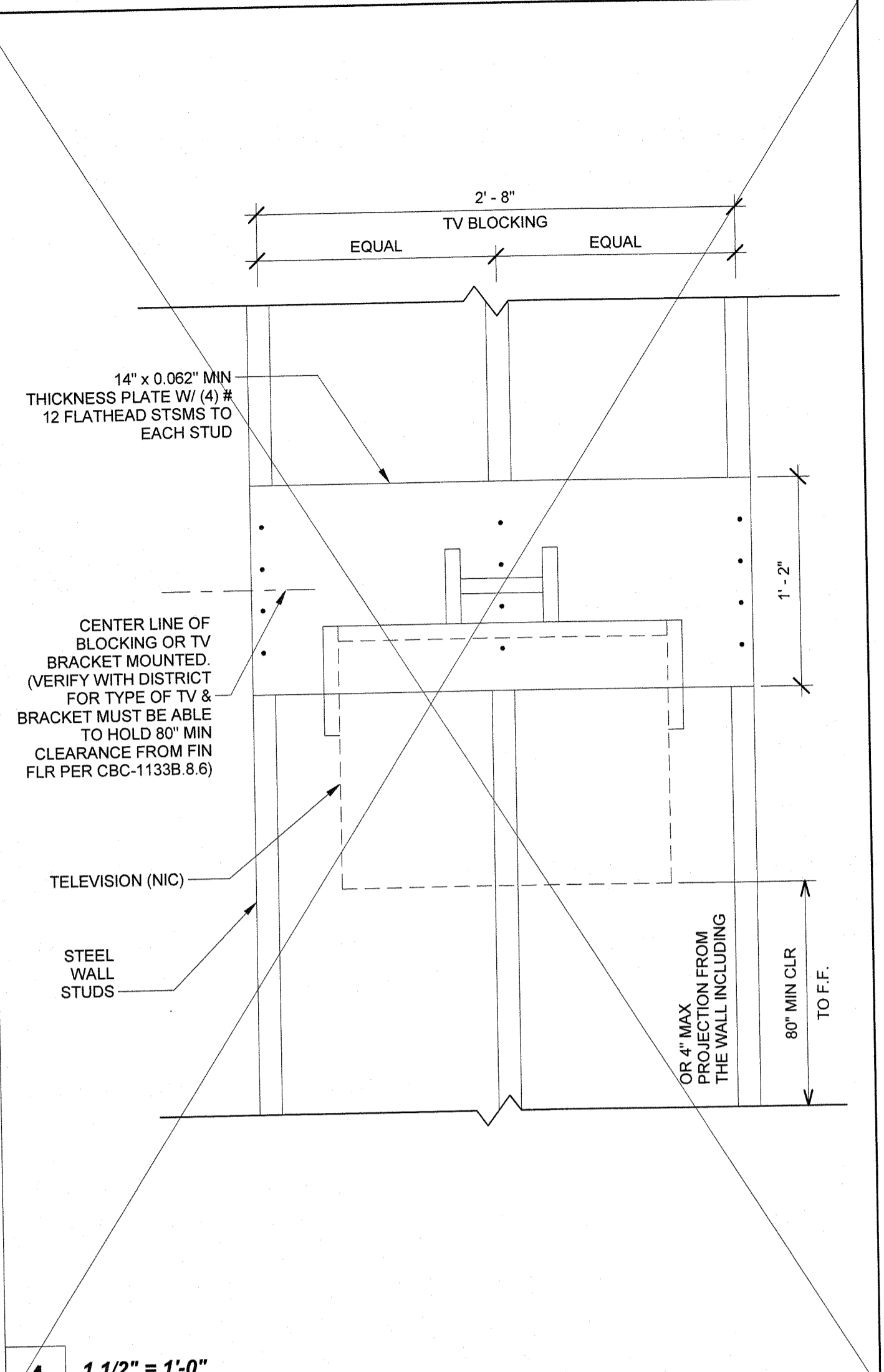


7 3" = 1'-0" Tall Cabinet Wall Anchorage at Steel Stud

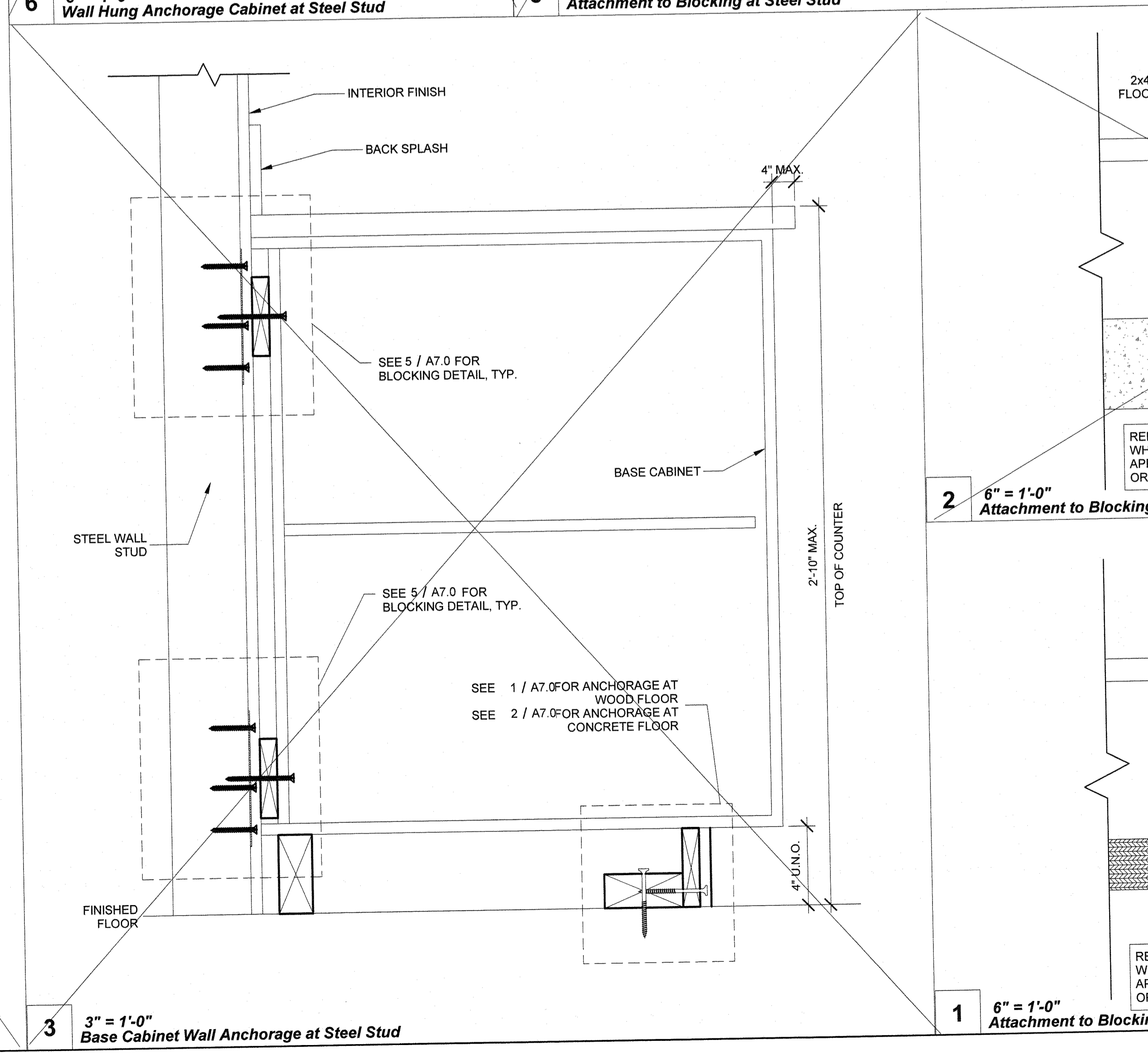


6 3" = 1'-0" Wall Hung Anchorage Cabinet at Steel Stud

5 6" = 1'-0" Attachment to Blocking at Steel Stud



4 1 1/2" = 1'-0" T.V. Blocking Attachment at Steel Stud



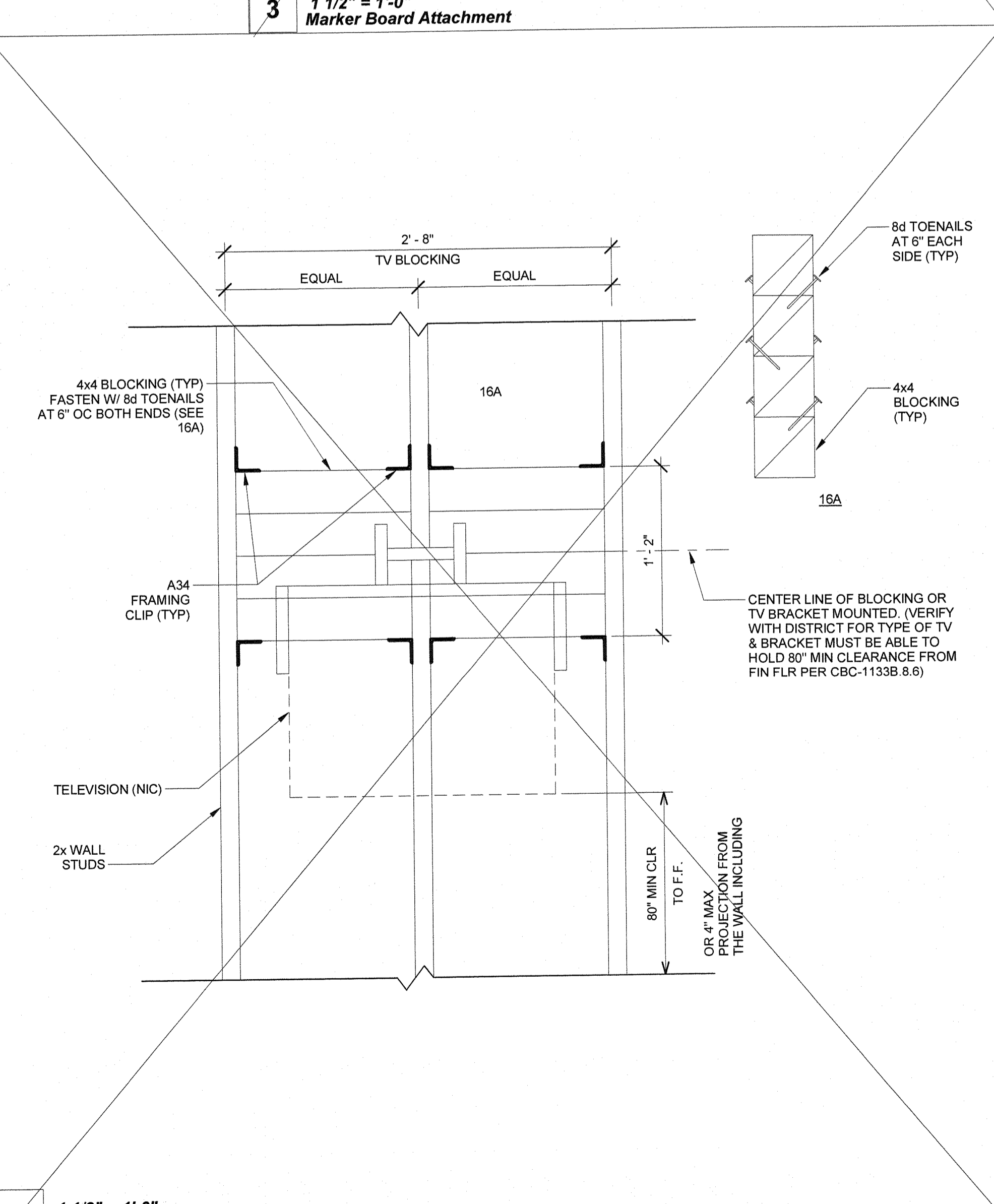
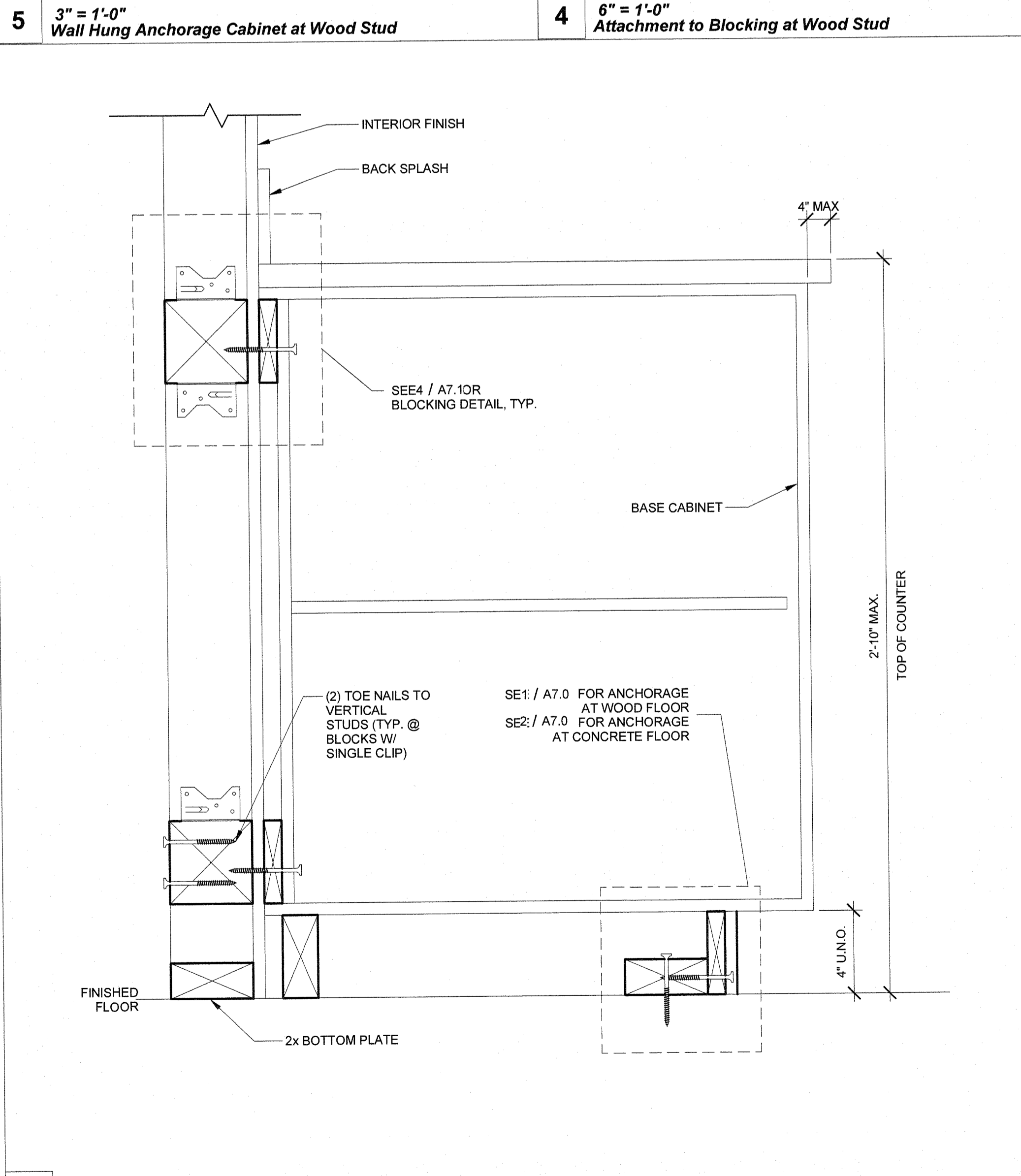
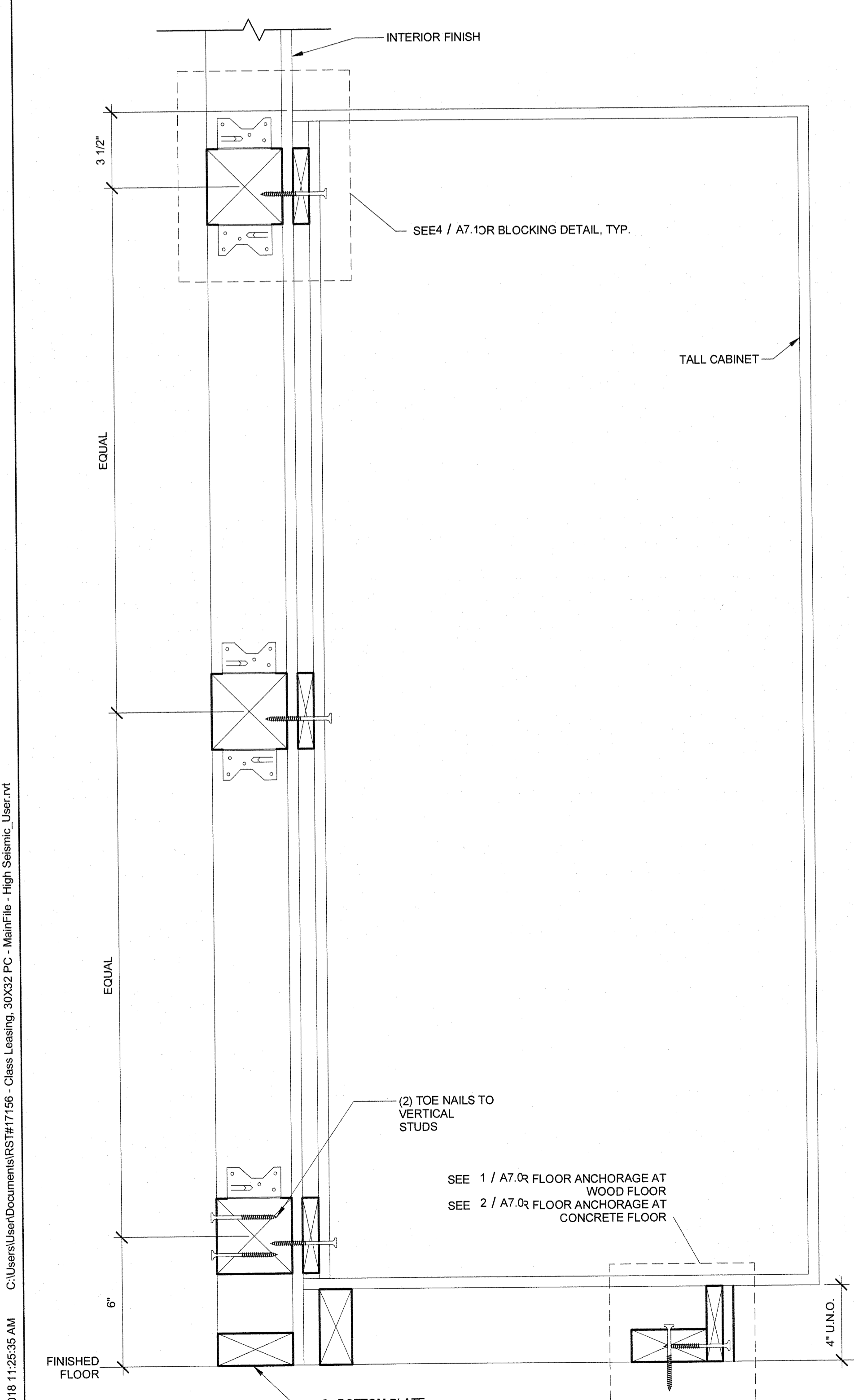
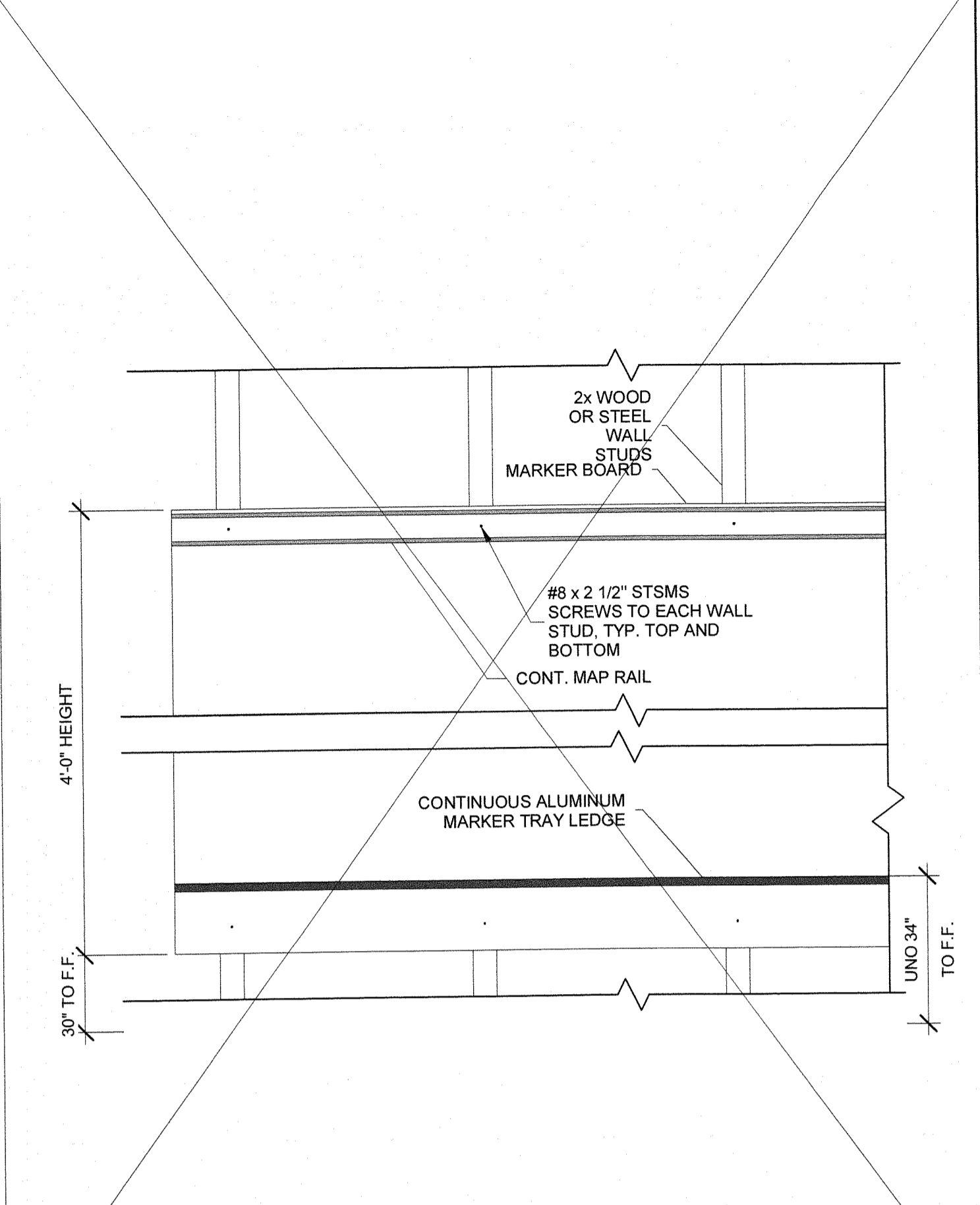
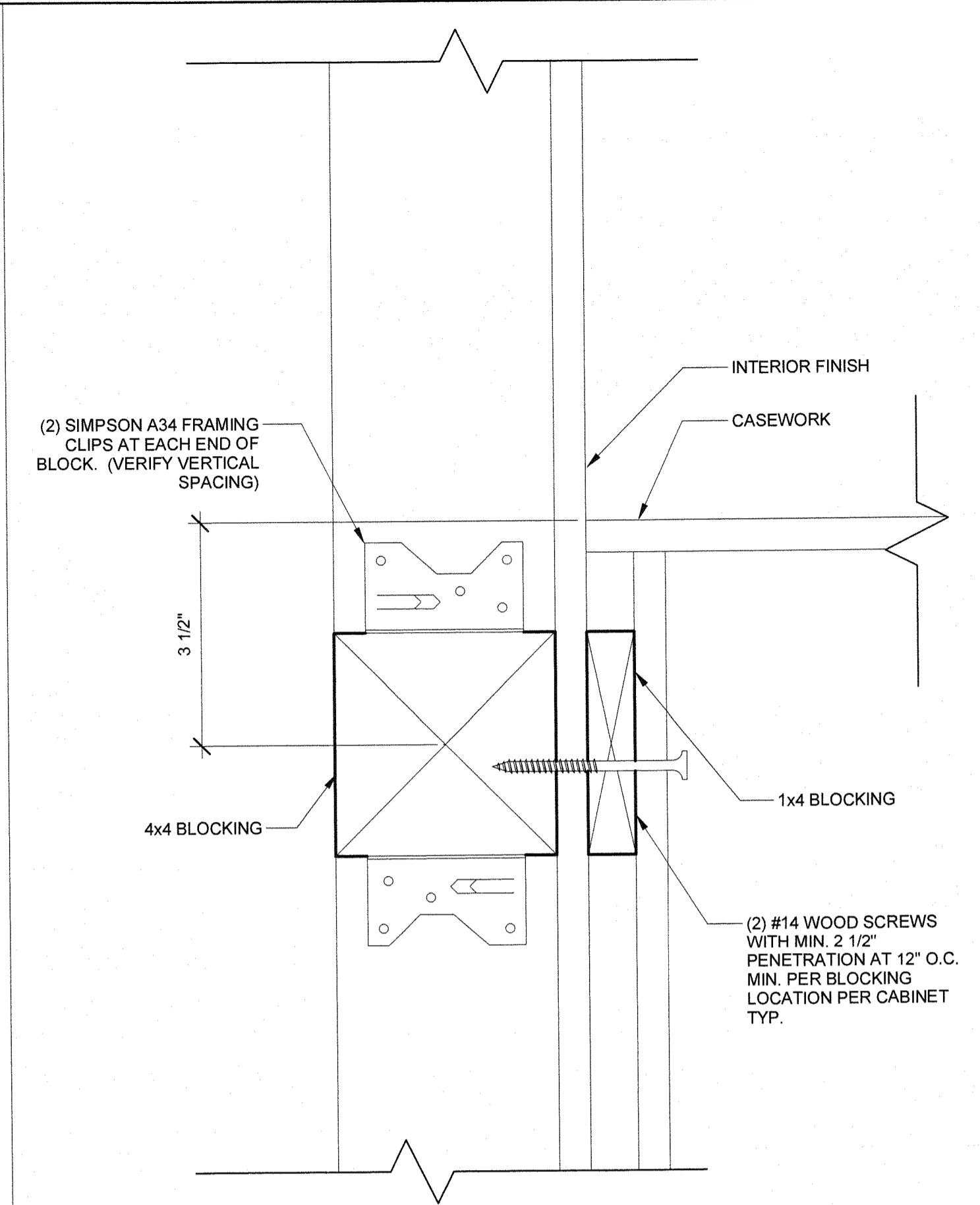
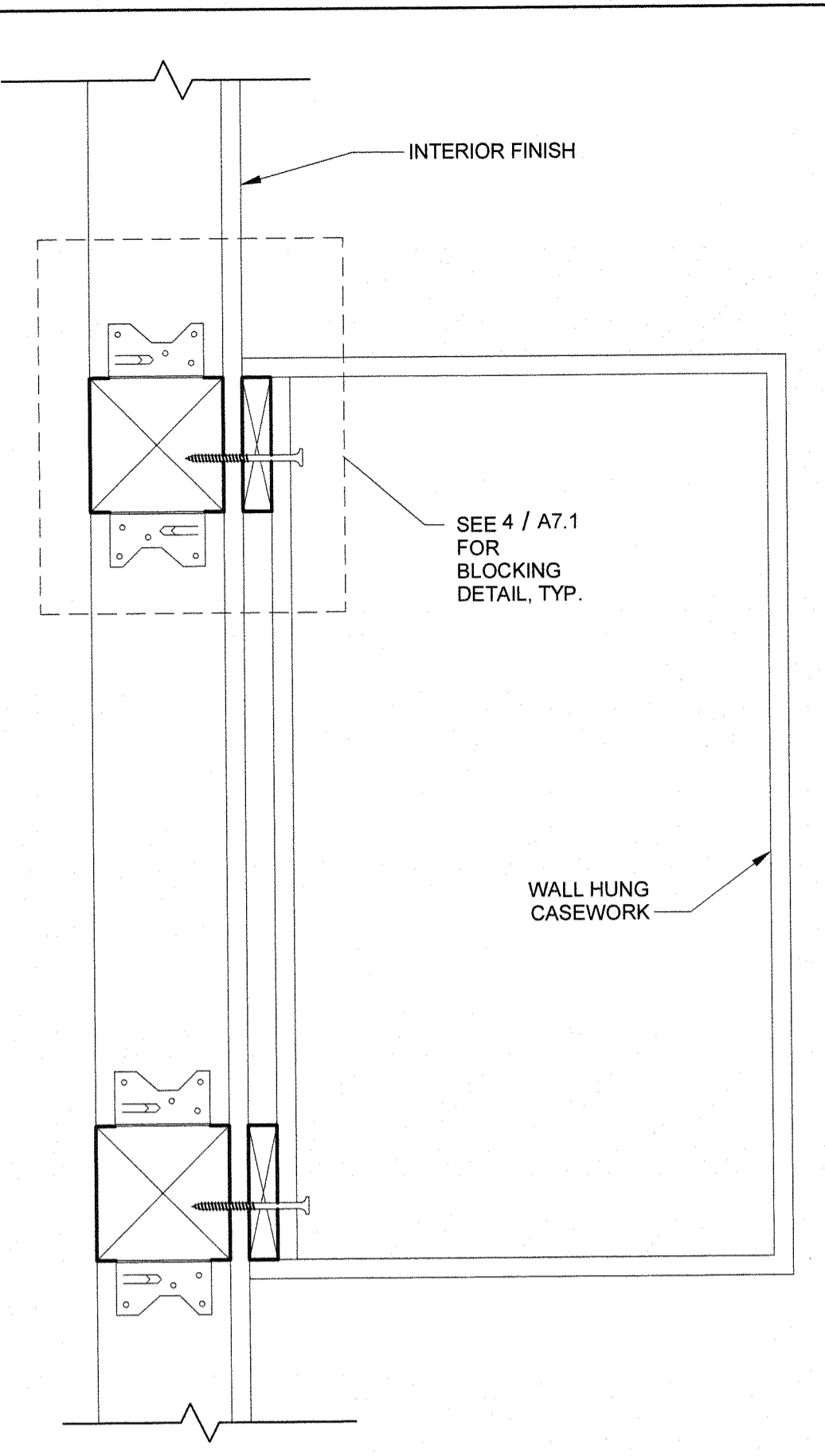
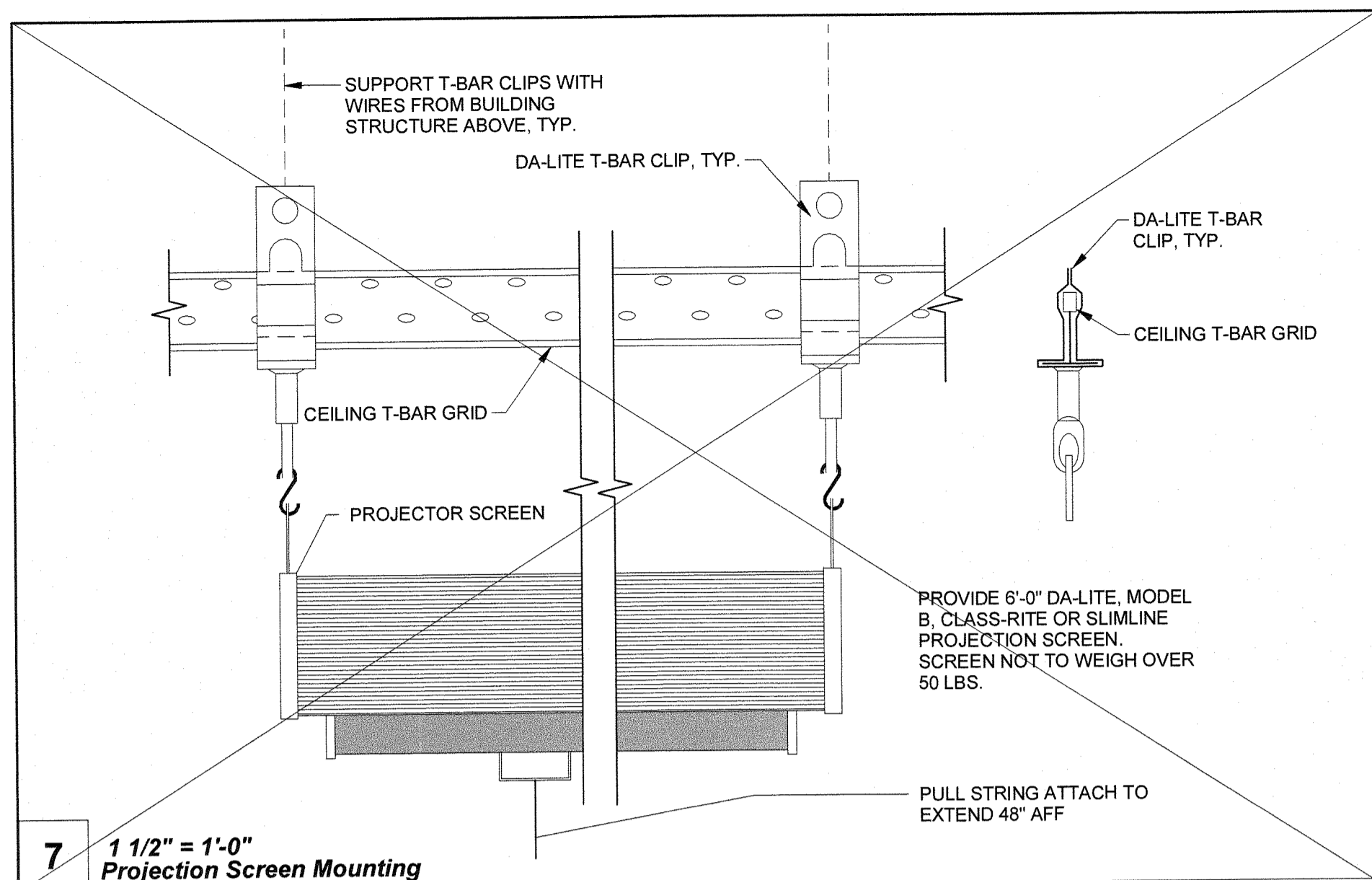
3 3" = 1'-0" Base Cabinet Wall Anchorage at Steel Stud

2 6" = 1'-0" Attachment to Blocking - Concrete Floor

1 6" = 1'-0" Attachment to Blocking - Wood Floor

Revision Schedule

#	Description	Date



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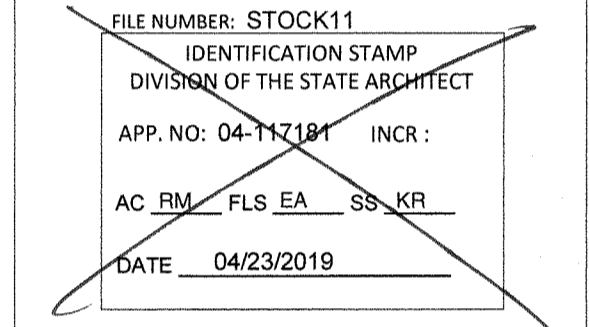
PROFESSIONAL STAMP



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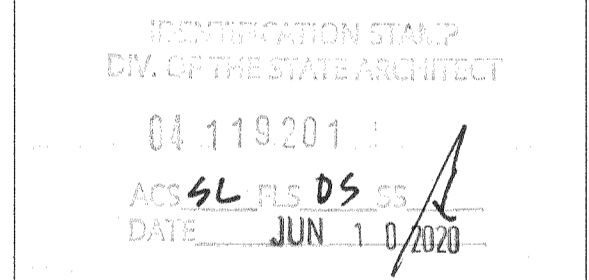
CLASS LEASING LLC
 1221 Harley Knox Boulevard
 Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL



PROJECT TITLE
**30' x 32'
 EXPANDABLE TO
 150' x 32'**

PROJECT SPECIFIC STATE AGENCY APPROVAL



Revision Schedule

#	Description	Date

SHEET TITLE
**ADDITIONAL
 OPTION DETAILS**

PROJECT NUMBER
 17156

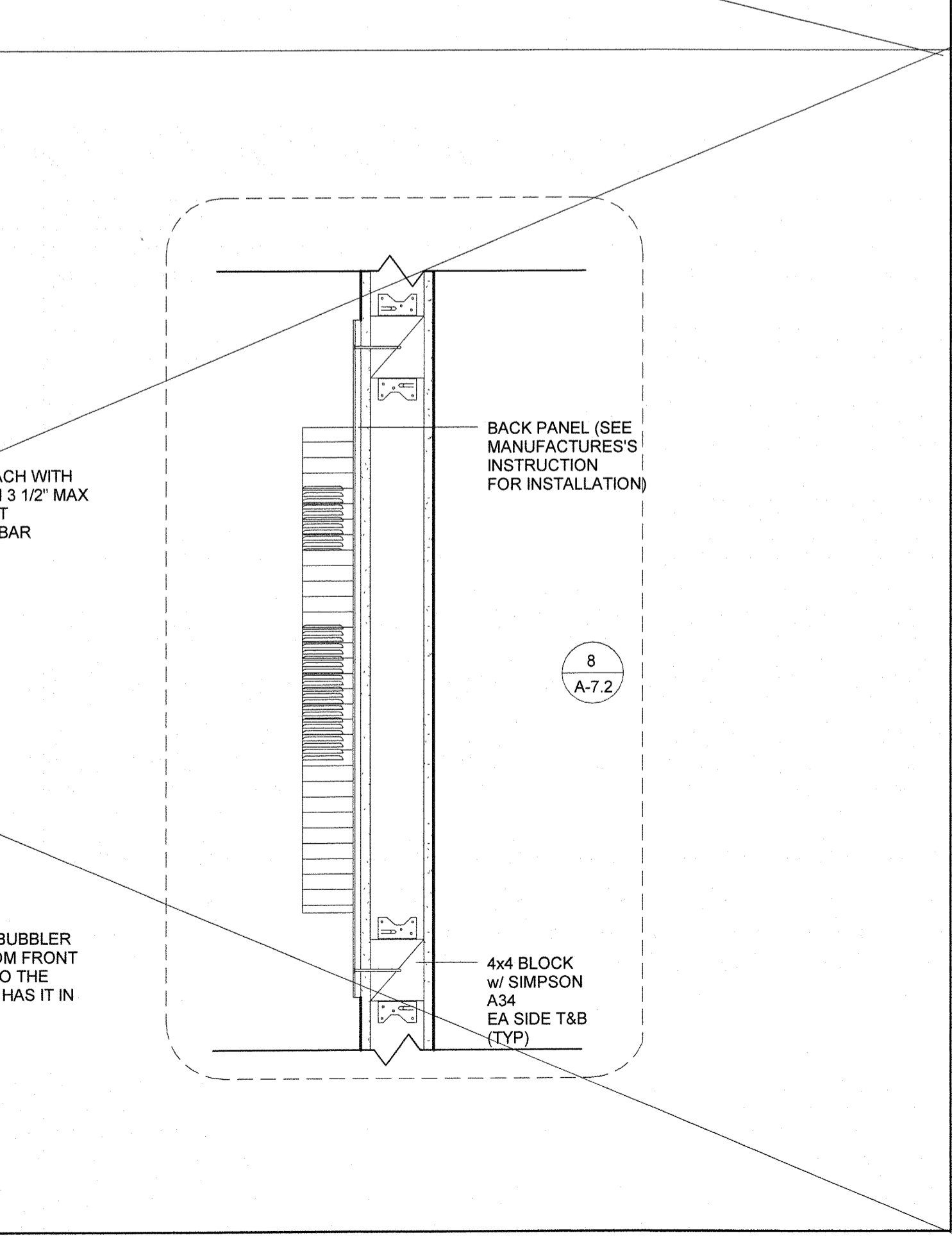
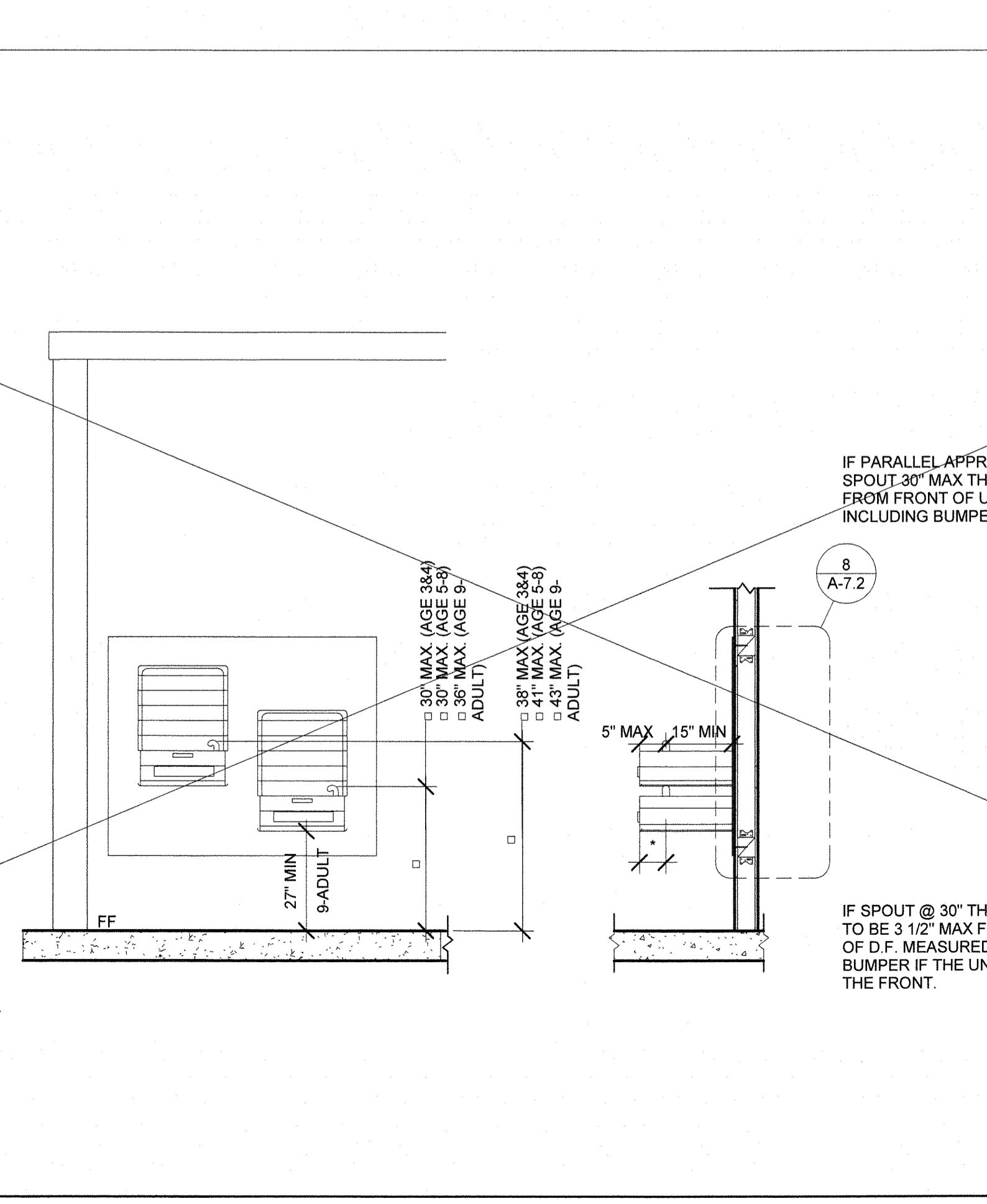
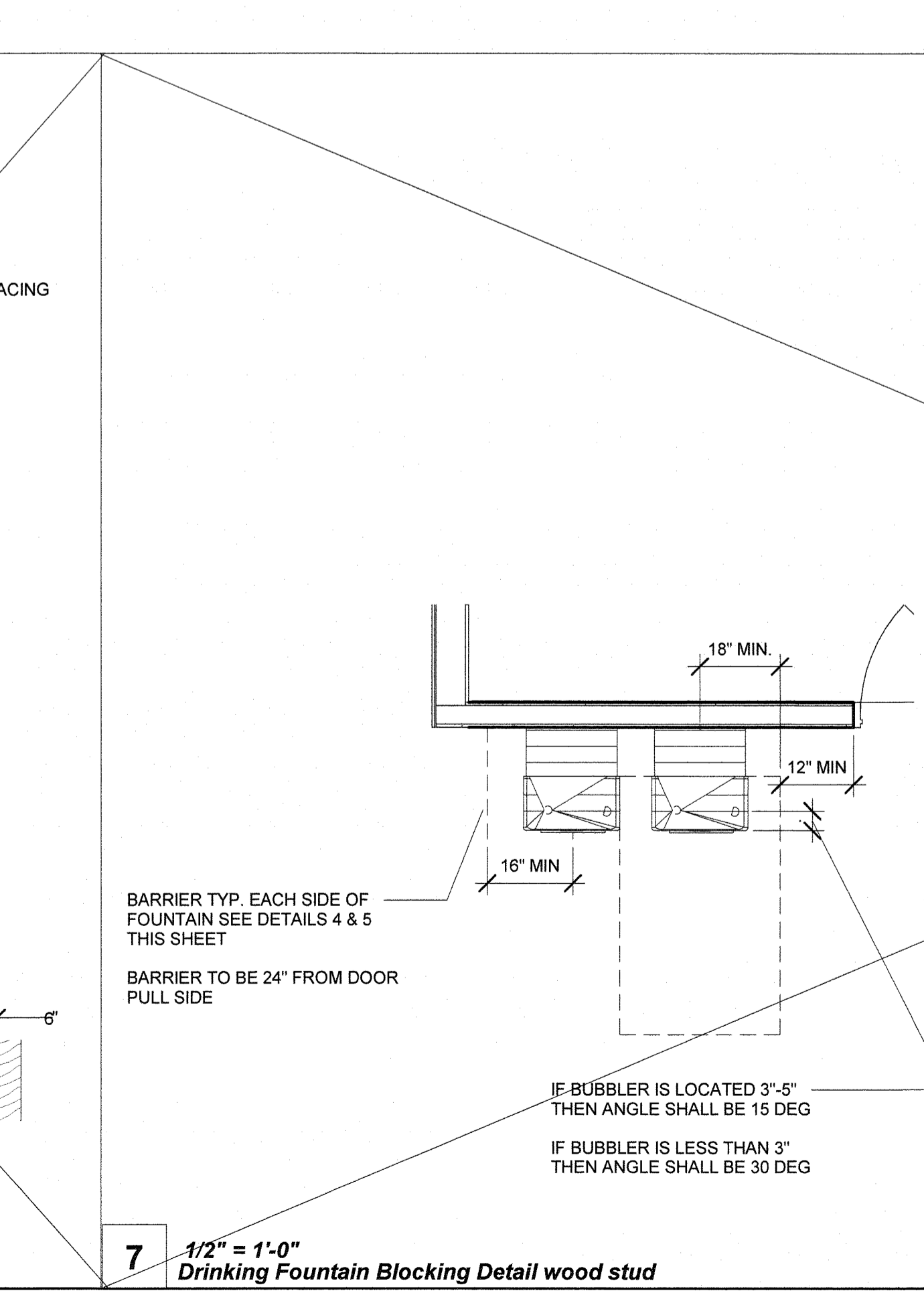
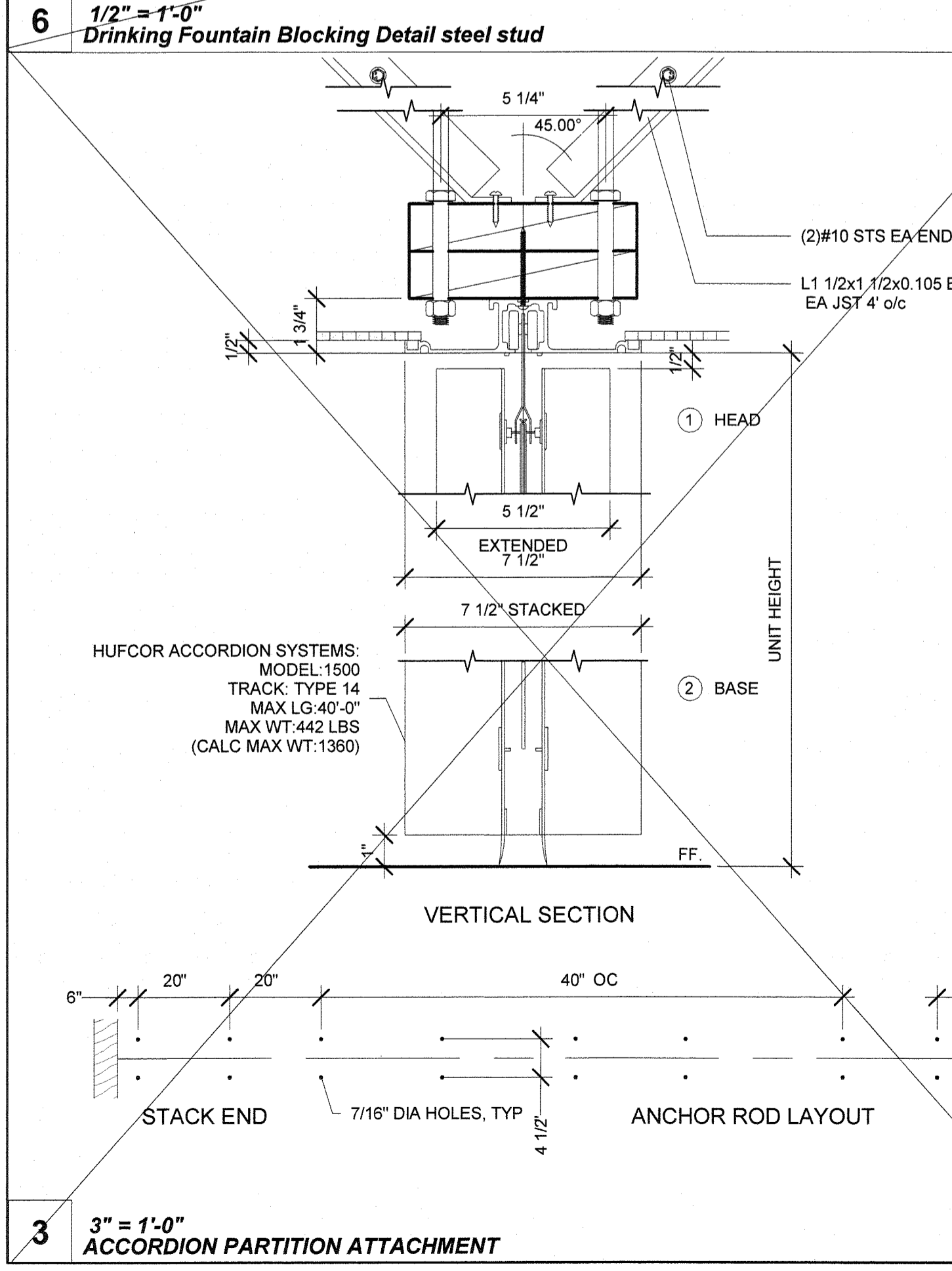
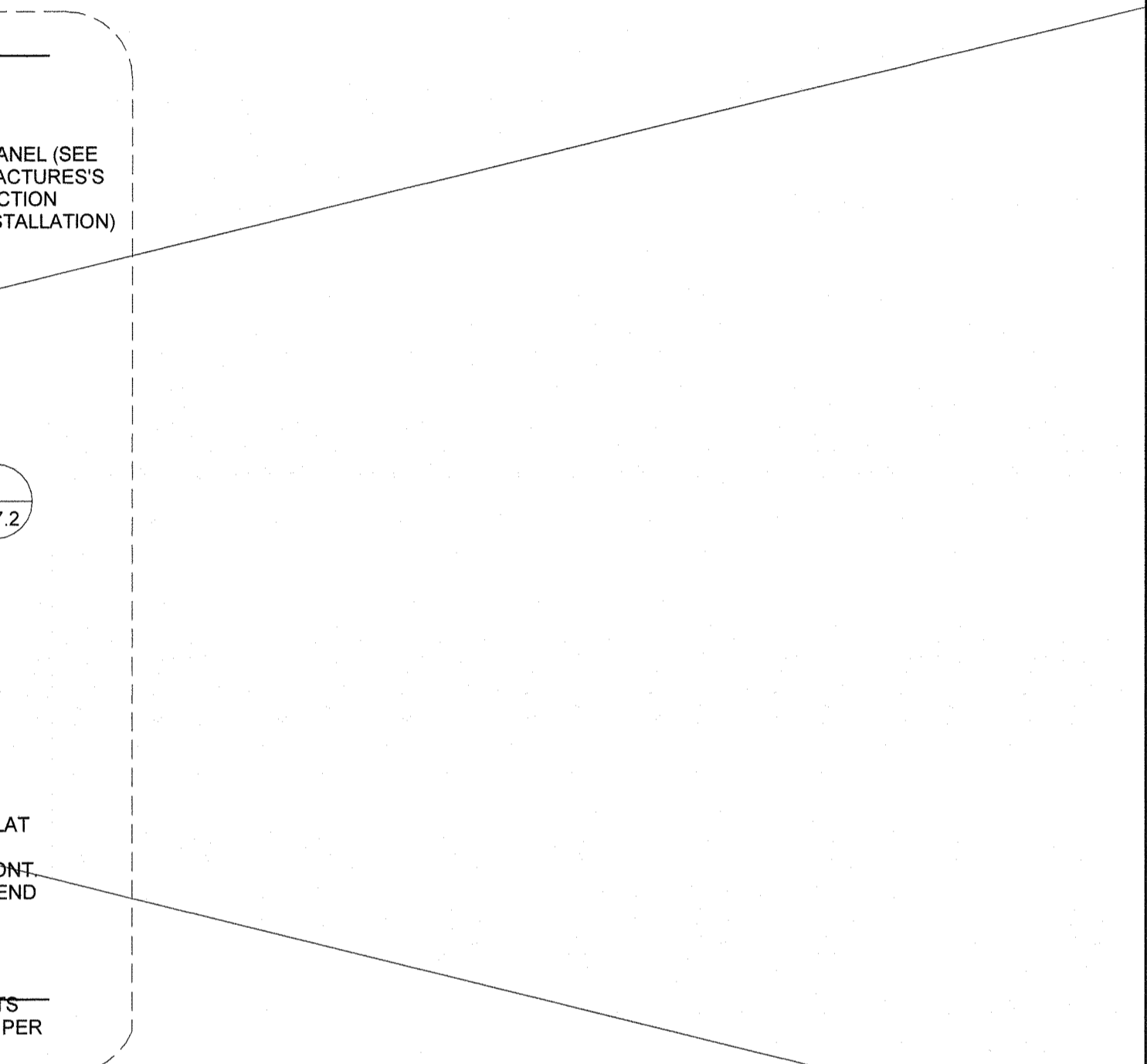
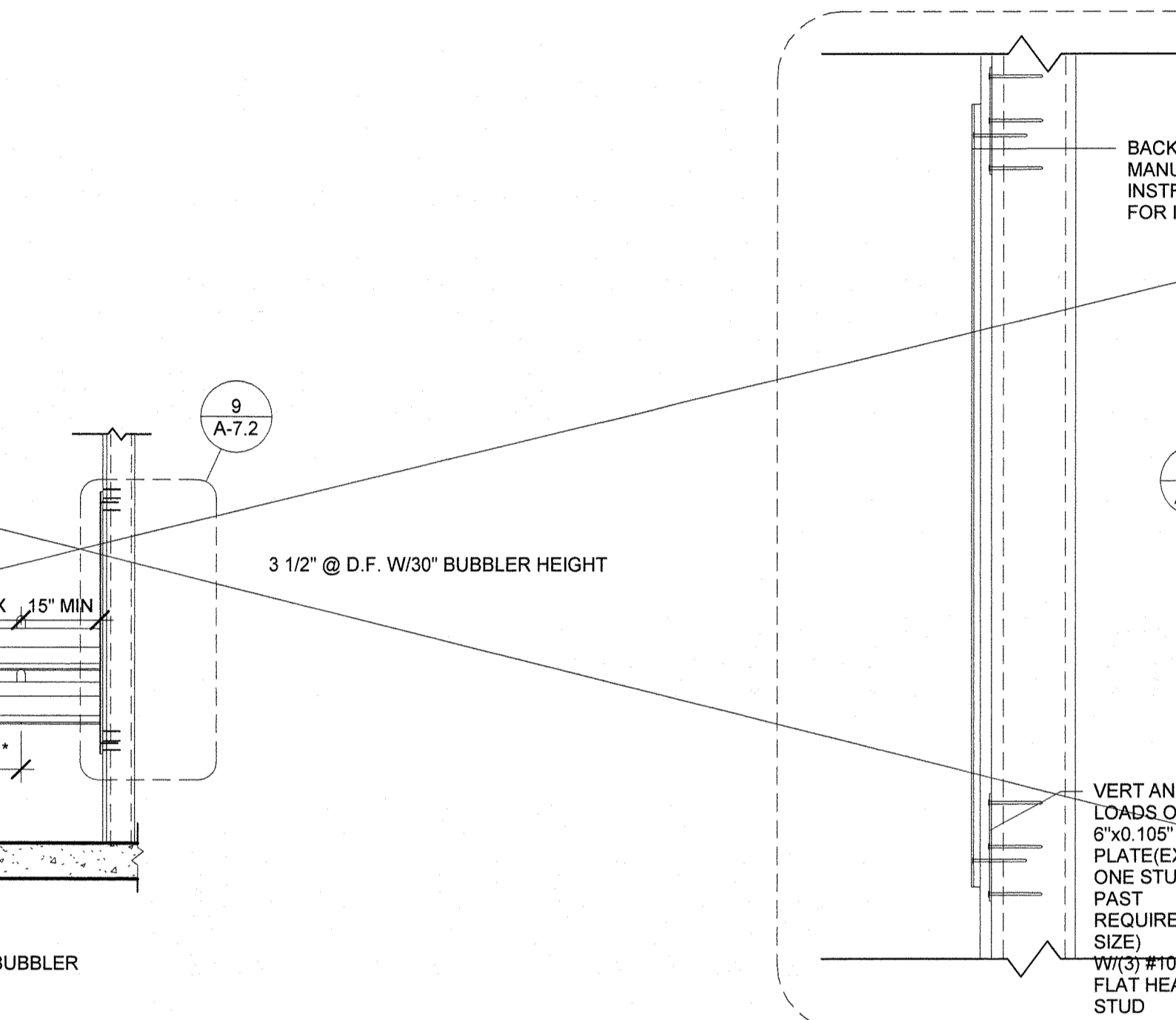
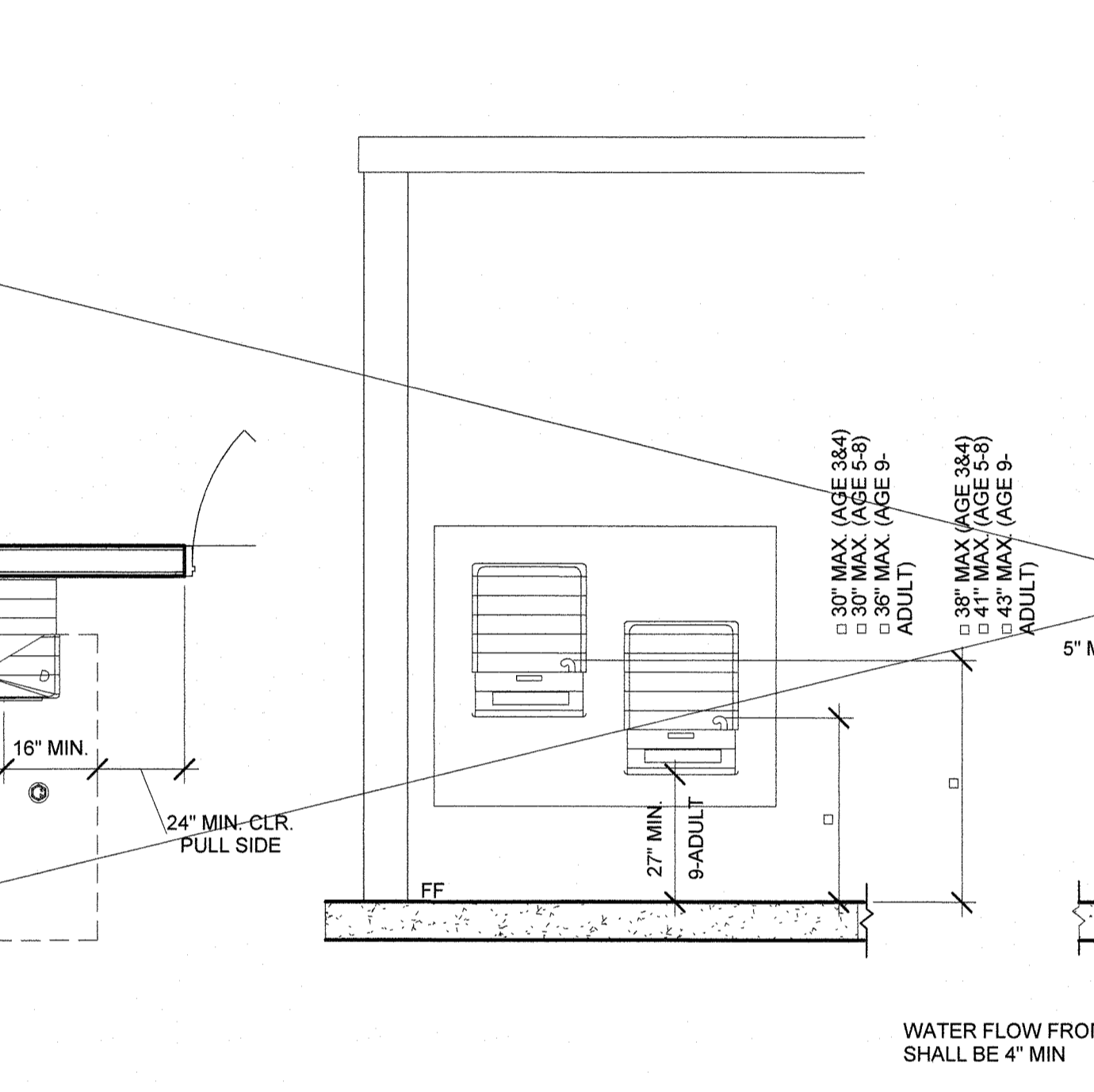
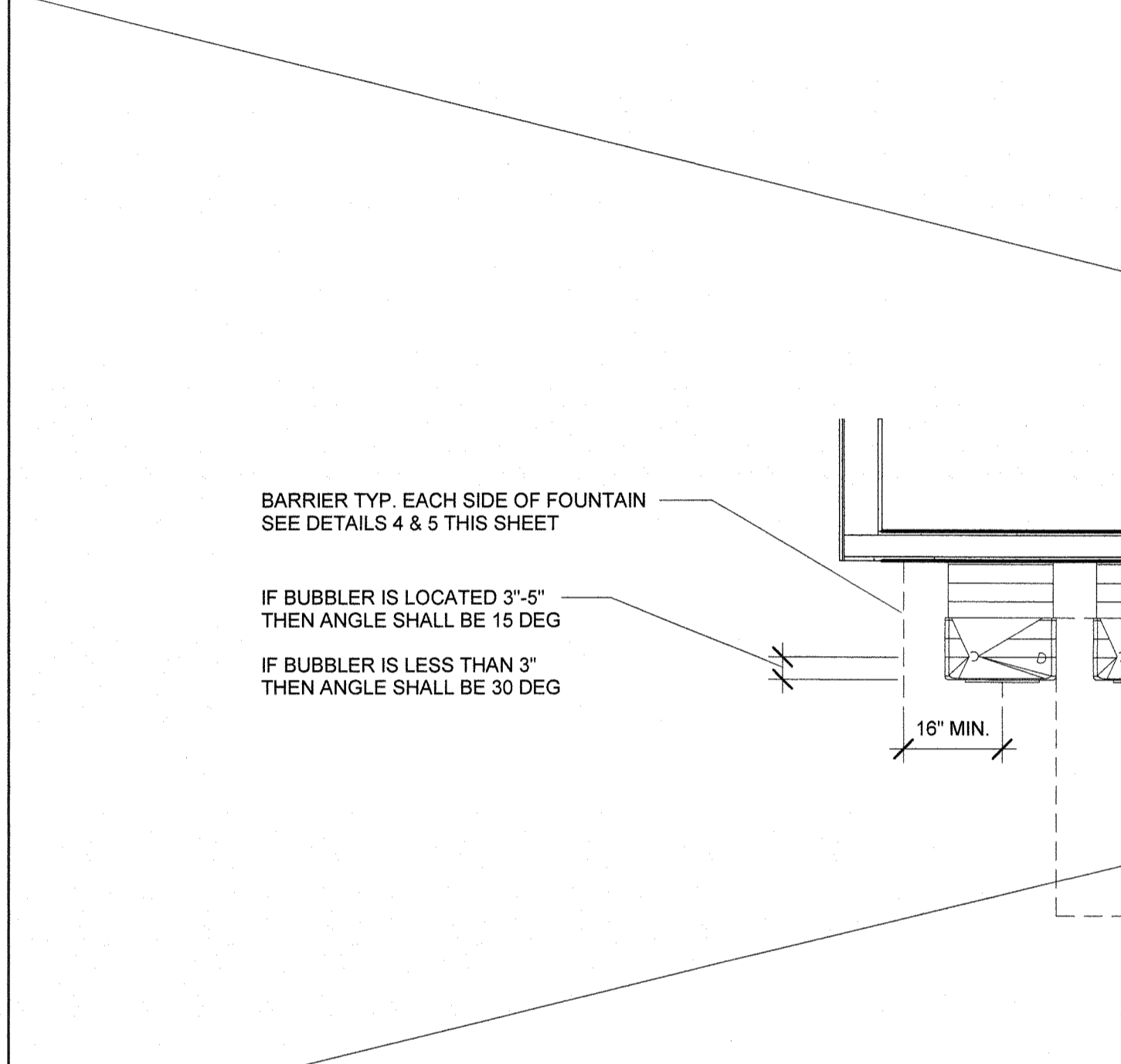
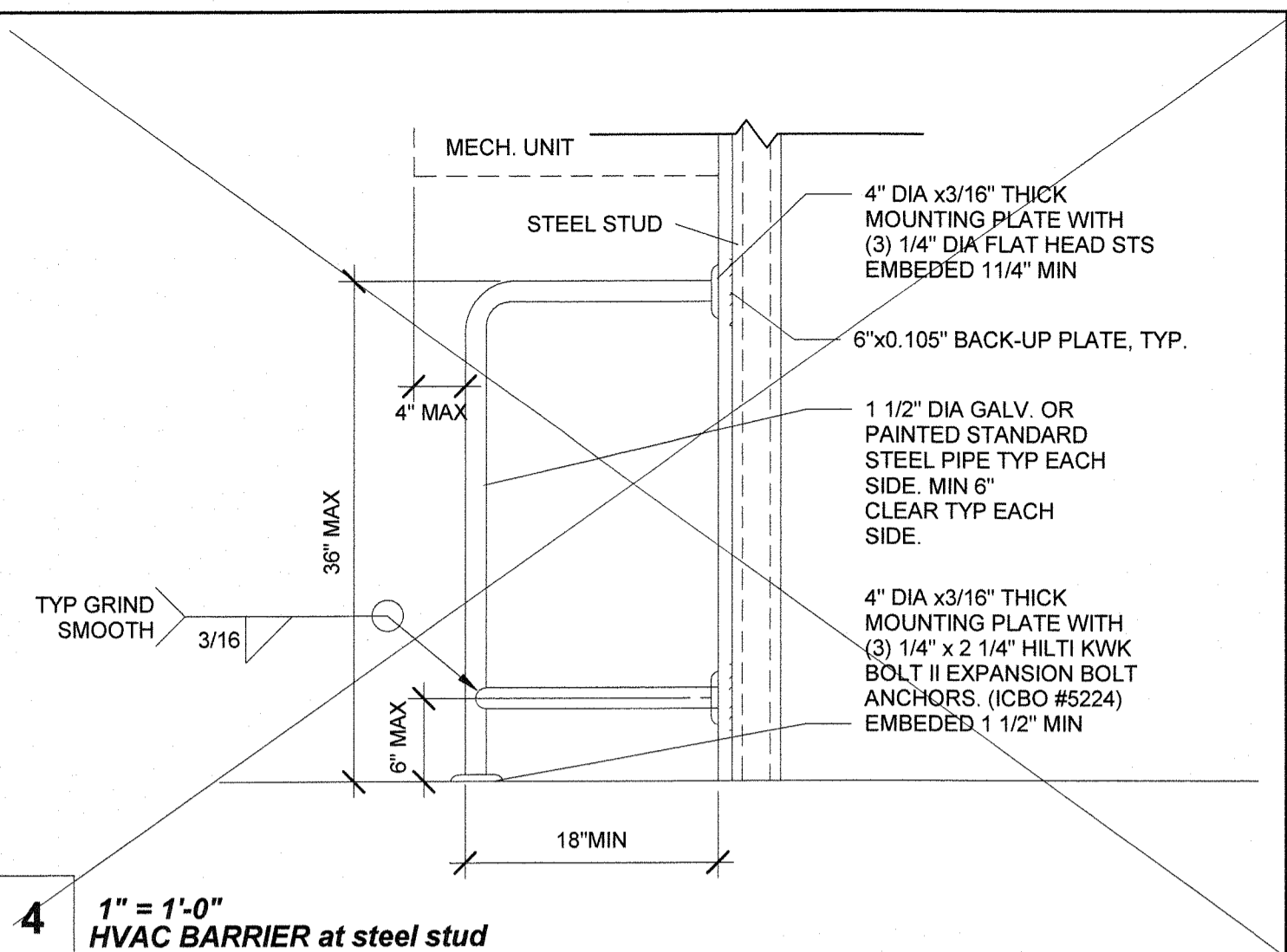
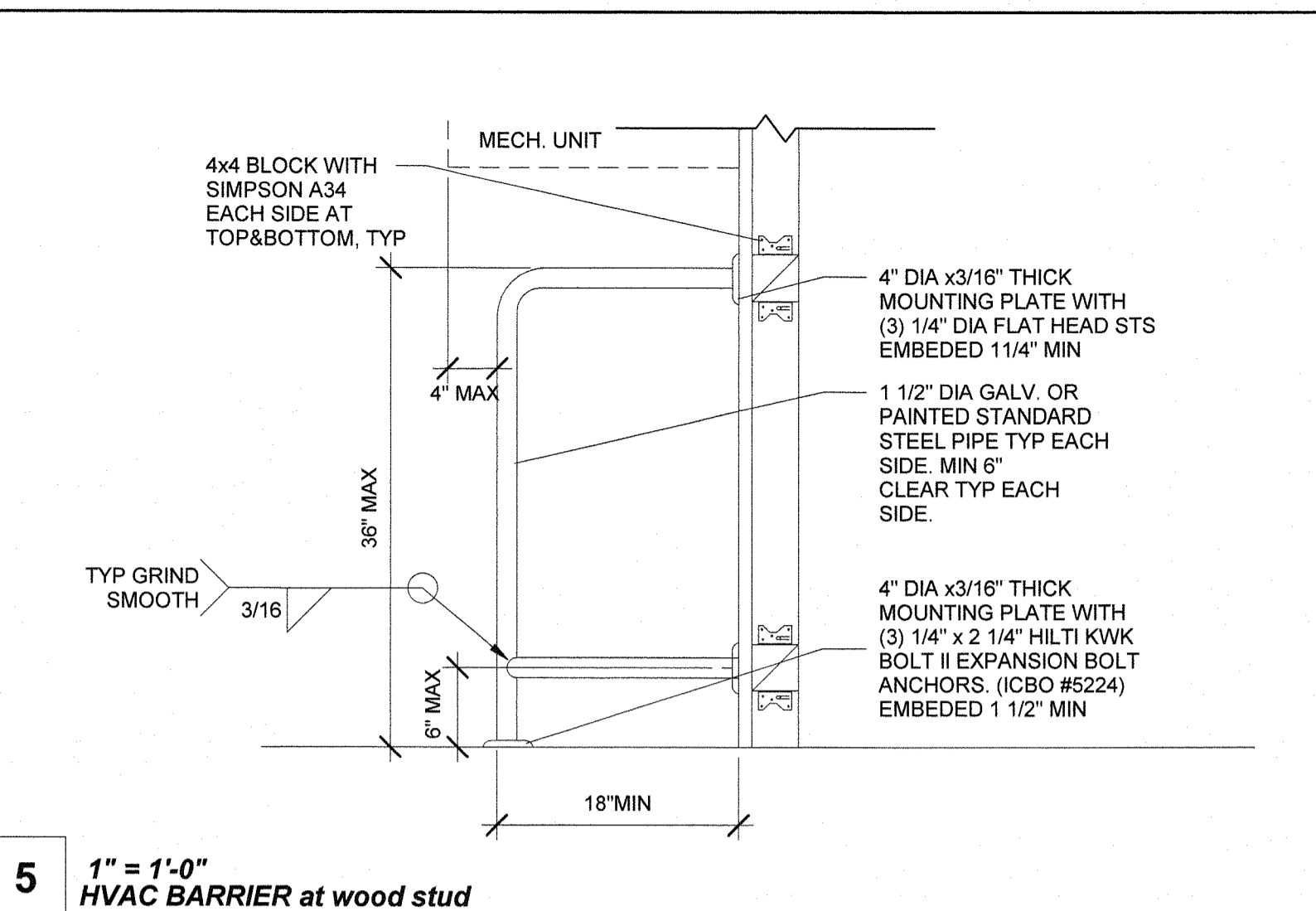
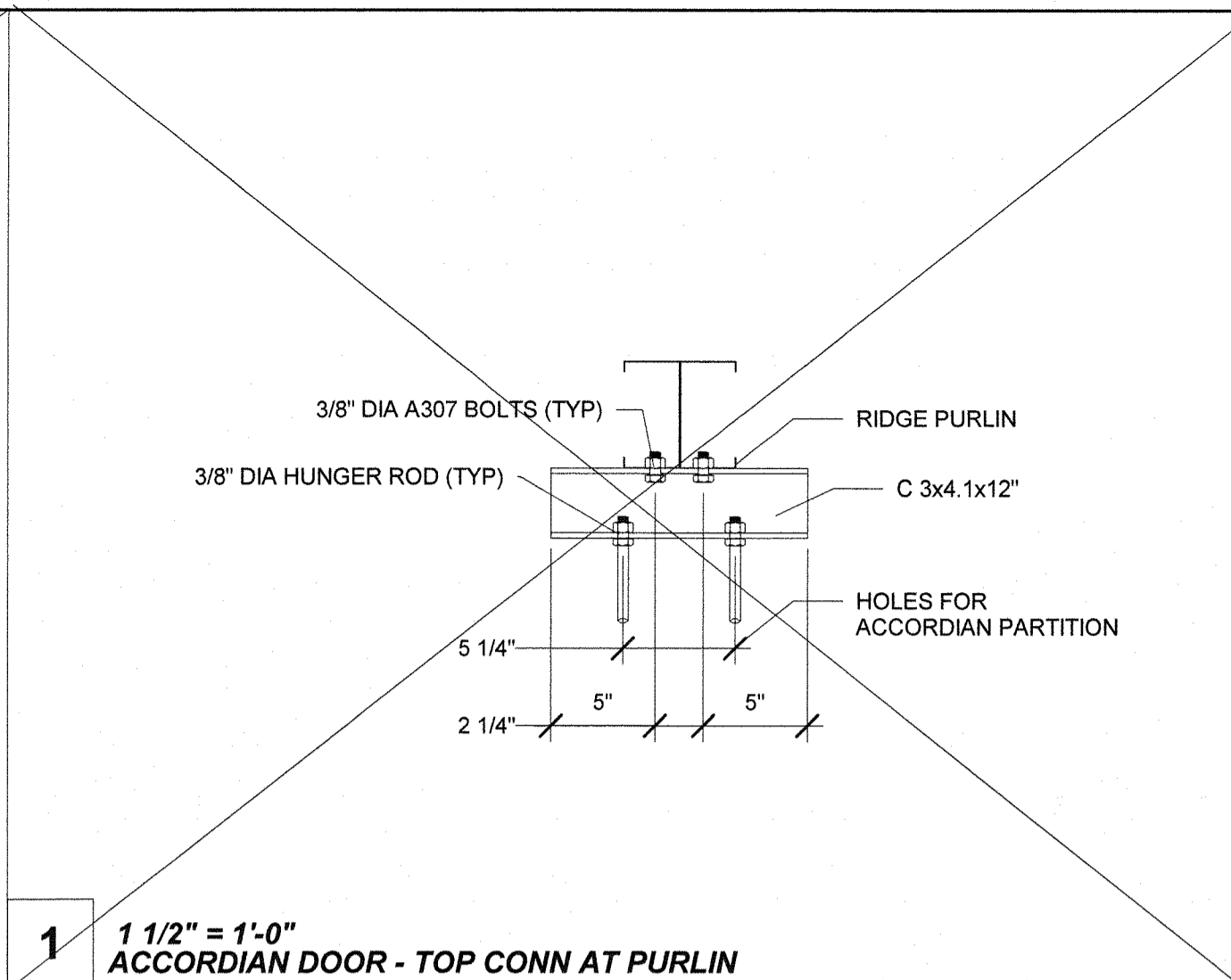
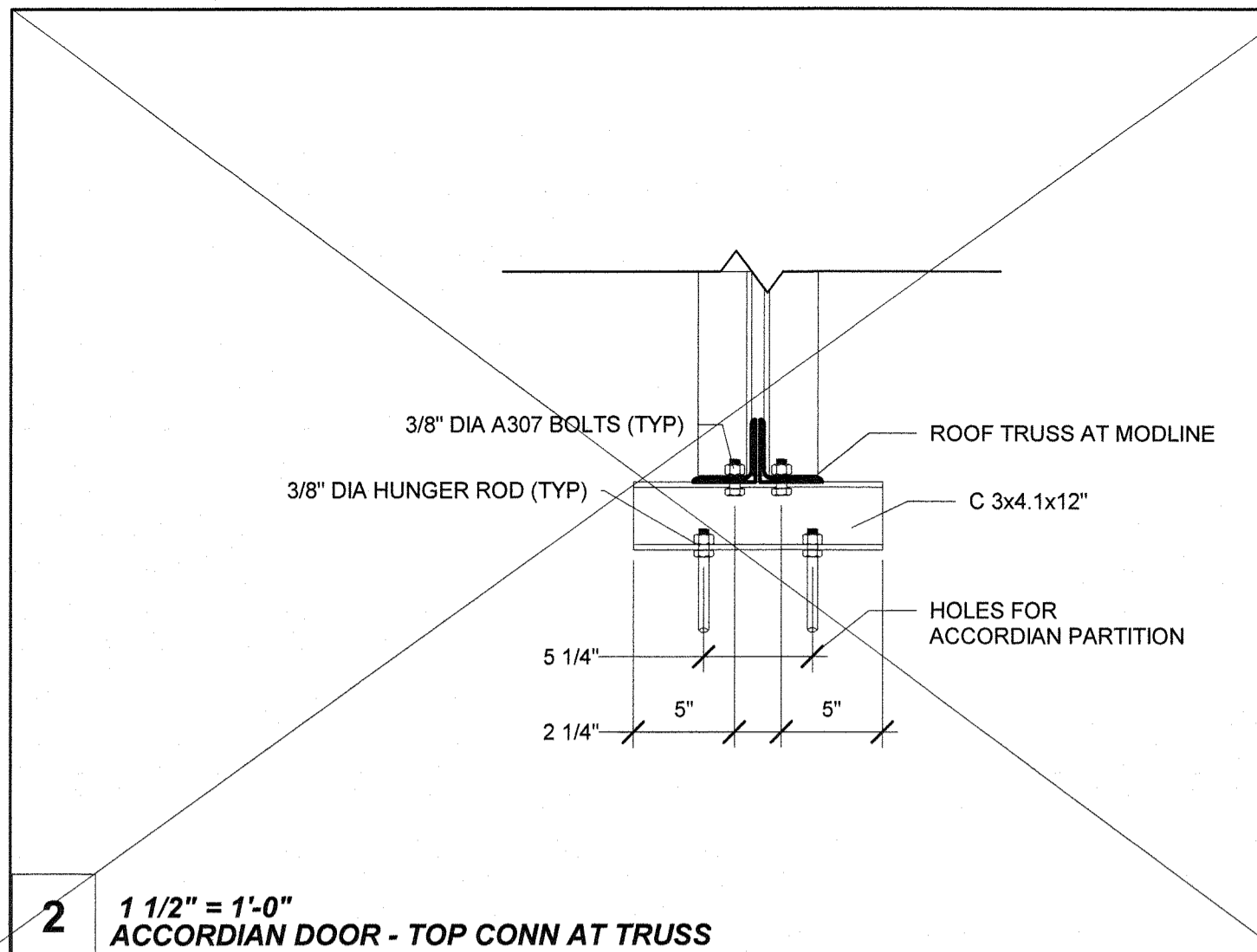
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CHECKED BY
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DATE
 10.12.2018

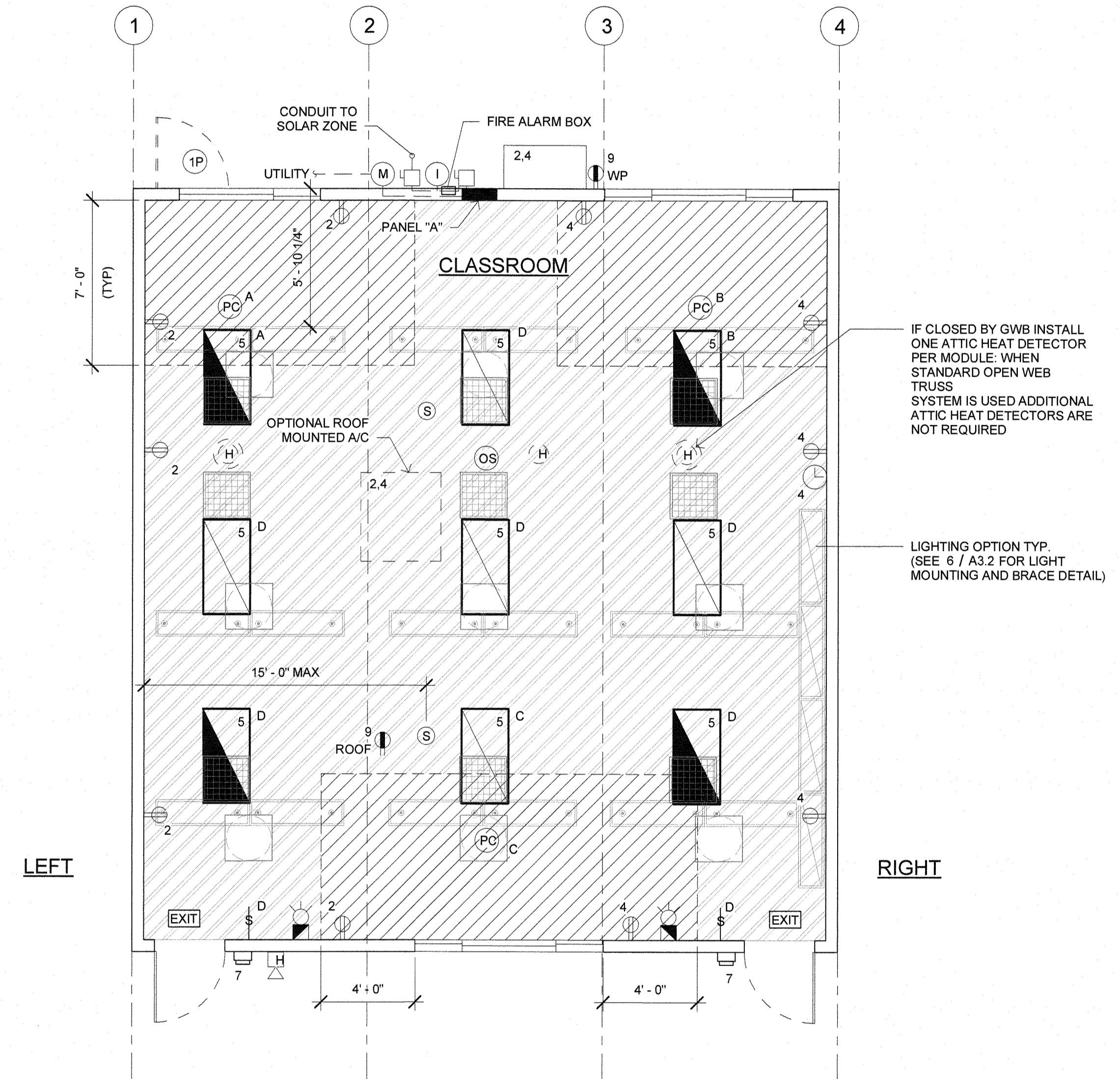
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A7.2
 SHEET OF SHEETS



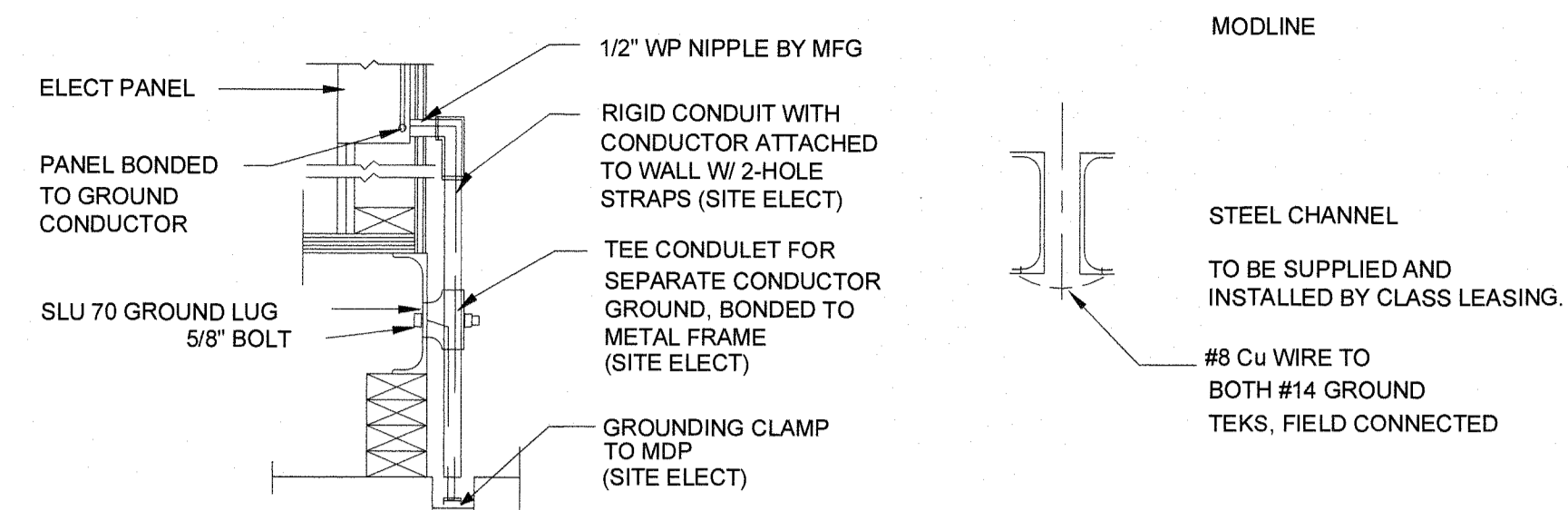
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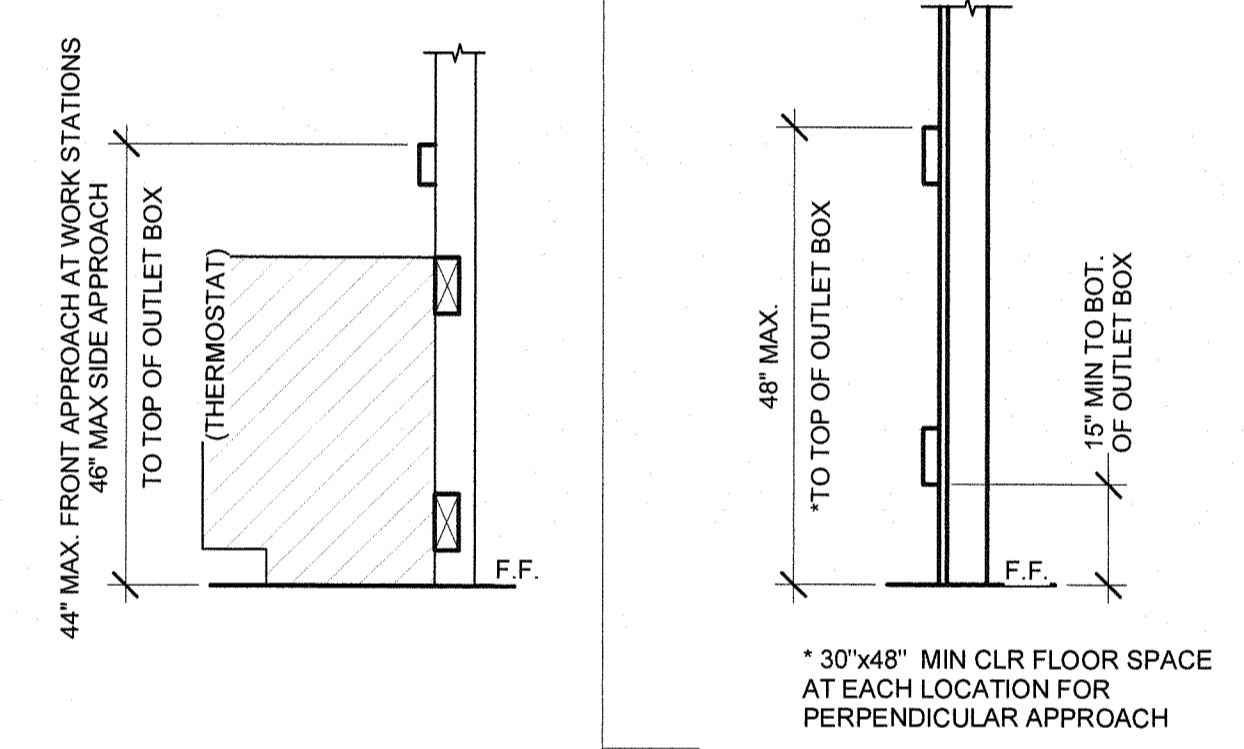


SEE ALT SHEETS FOR FLOOR CONFIGURATION

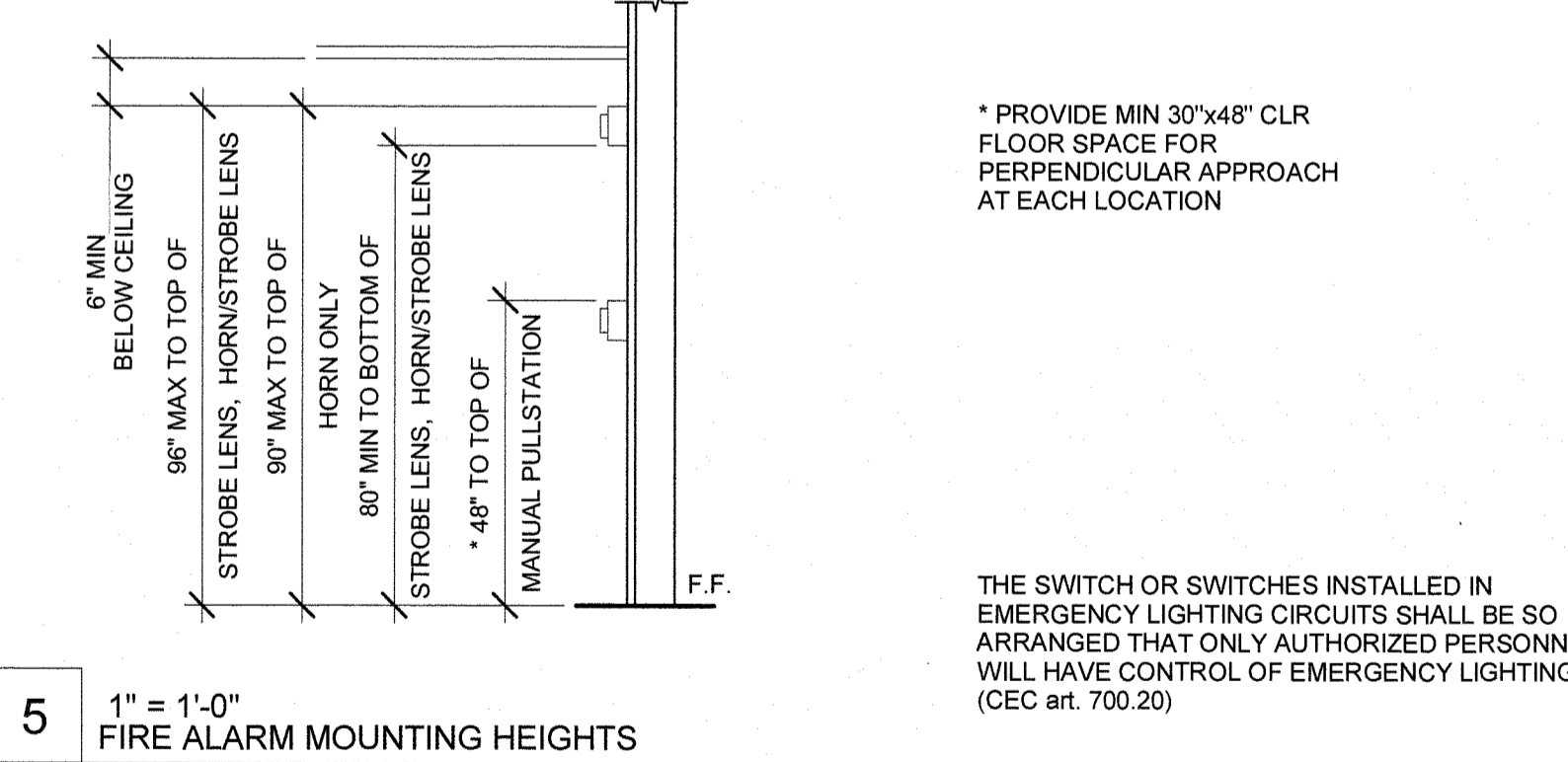
- (I) INVERTER
- (M) METER
- NON FUSED DISCONNECT SWITCH
- ▨ SENSOR TO CONTROL PERIMETER LIGHTS WITHIN DAYLIGHT ZONES
- ▨ SENSOR TO CONTROL PERIMETER LIGHTS WITHIN SKYLIT DAYLIGHT ZONES
- 10" SKYLIGHT TUBE (TYP). SKYLIGHT SHALL COMPLY W/ CBC SECTION 2610. (3 MAX.) PER 12'x40' ROOF



- NOTES:**
- BOND SEPARATE CONDUCTORS FROM GROUND ROD TO ELEC'L 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



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 1/2" 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.

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 13.6.8, 13.6.7, 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

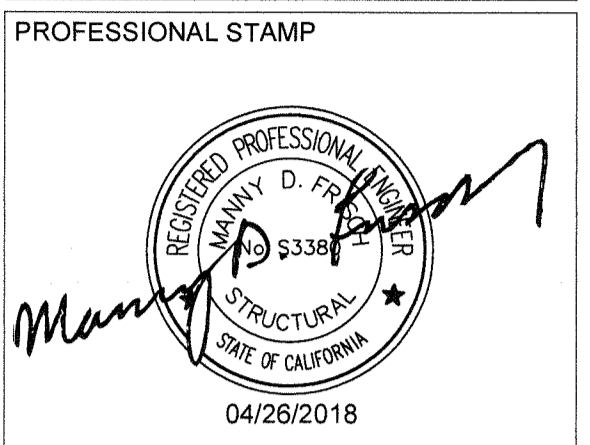
(ALL CONDUCTORS SHALL BE TYPE THHN/THWN 75 DEG. C. COPPER)

WIRE SIZE	CAPACITY	WIRE TYPE	NO. OF CONDUCTOR			
			1/2" C	3/4" C	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

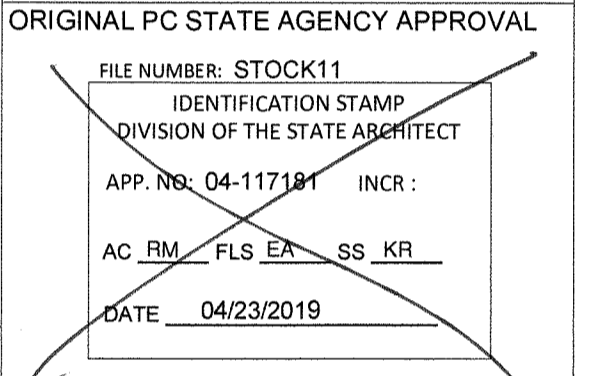
BOX SIZE	CU. IN.	MAX. NO. OF CONDUCTORS			
		#12	#10	#8	#6
4SS	1 1/4"x4" SQ	18.0	8	7	6
4S	1 1/2"x4" SQ	21.0	9	8	7
4SD	2 1/8"x4" SQ	30.3	13	12	10
4SX	2 7/8"x4" SQ	43.5	23	21	17
5SD	2 1/8"x4-11/16" SQ	42.0	18	16	14
5SX	3 7/8"x4-11/16" SQ	86.0	38	34	28
664	4"x6" SQ	144.0	64	57	48

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

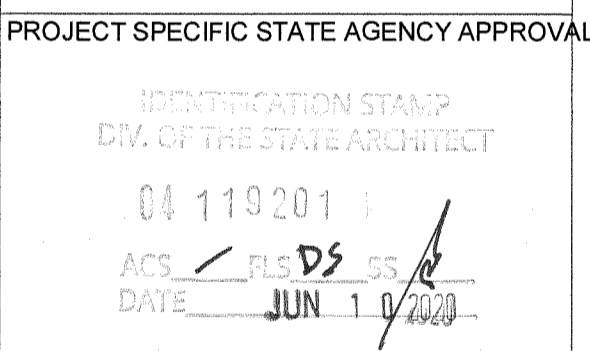


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CLIENT



PROJECT TITLE
30' x 32' EXPANDABLE TO 150' x 32'



Revision Schedule

#	Description	Date

SHEET TITLE
ELECTRICAL PLAN 30x32

PROJECT NUMBER
 17156

DRAWN BY
 rMc/SC/AM

CHECKED BY
 JA/RT

DATE
 01/31/2019

SHEET NO.
E1.2

SHEET OF SHEETS

DESCRIPTION	120/240 VOLTS, 1ϕ, 3 WIRE						MAIN LUGS ONLY		DESCRIPTION	
	LOADCENTER			RECESSED MOUNTED			GRD & NEUTRAL BARS			AMP BUS
	VOLTAMPS	φA	φB	C/B	CKT	φ	CKT	C/B		φA
AC WALL MOUNTED- 5 TON	7705			30	1	A	2	20	900	
				30	3	B	4	20		1080
GENERAL LIGHTING	1440			20	5	A	6	20	180	
EXTERIOR LIGHTING		80		20	7	B	8	20	180	
DED SOLAR READY										
DED SOLAR READY										
SUBTOTAL	9145		7785						1080	1260
TOTAL	10225		9045						10225/120 VOLTS=81.21	81.21+ 1.7= 82.91

SEE ALT SHEETS
ELECTRICAL PANEL

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

DESCRIPTION	120/240 VOLTS, 1ϕ, 3 WIRE						MAIN LUGS ONLY		DESCRIPTION	
	LOADCENTER			RECESSED MOUNTED			GRD & NEUTRAL BARS			AMP BUS
	VOLTAMPS	φA	φB	C/B	CKT	φ	CKT	C/B		φA
AC ROOF MOUNTED- 5 TON	8280			30	1	A	2	20	900	
			8280	30	3	B	4	20		1080
GENERAL LIGHTING	1440			20	5	A	6	20	180	
EXTERIOR LIGHTING		80		20	7	B	8	20	180	
DED SOLAR READY										
DED SOLAR READY										
SUBTOTAL	9720		8360						1080	1260
TOTAL	10800		9620						10800/120 VOLTS= 90	90 + 1.15= 91.15

REFER TO DSA IR 16-8 & STATE FIRE MARSHAL SOLAR PHOTOVOLTAIC INSTALLATION GUIDELINE

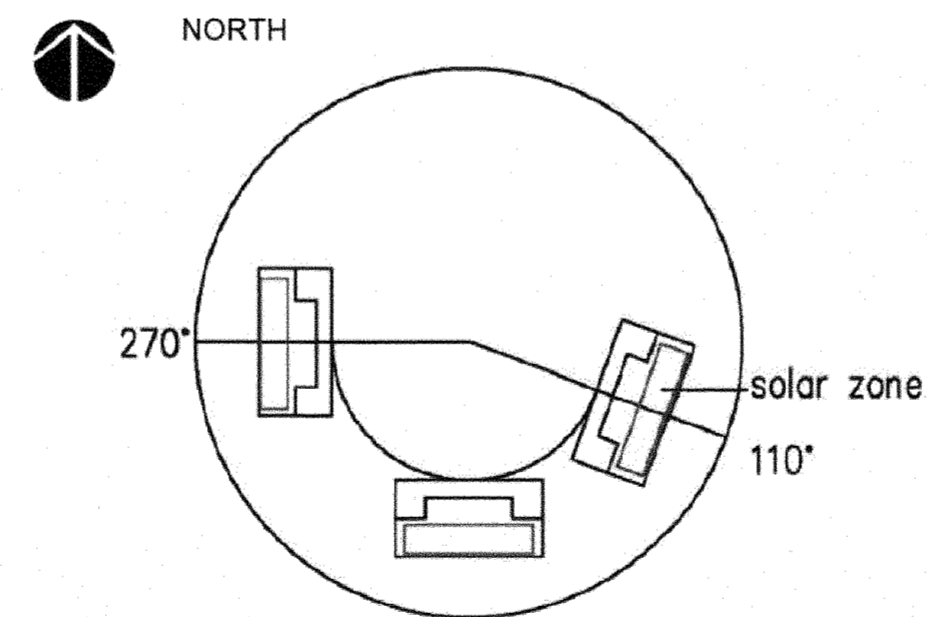
REFER TO SECTION 110.10 - MANDATORY REQUIREMENTS FOR SOLAR READY BUILDINGS
SOLAR ZONE AREAS WILL VARY DEPENDING ON PC BUILDING LOCATION.

MINIMUM AREA:

15% OF ROOF AREA (EXCLUDING ANY SKYLIGHT AREA) TO BE RESERVED FOR SOLAR PANEL APPLICATION OR SOLAR READY WILL BE SUPPLIED FROM A BUILDING OR STRUCTURE WITHIN 250 FT OF PC BUILDING.

ORIENTATION:

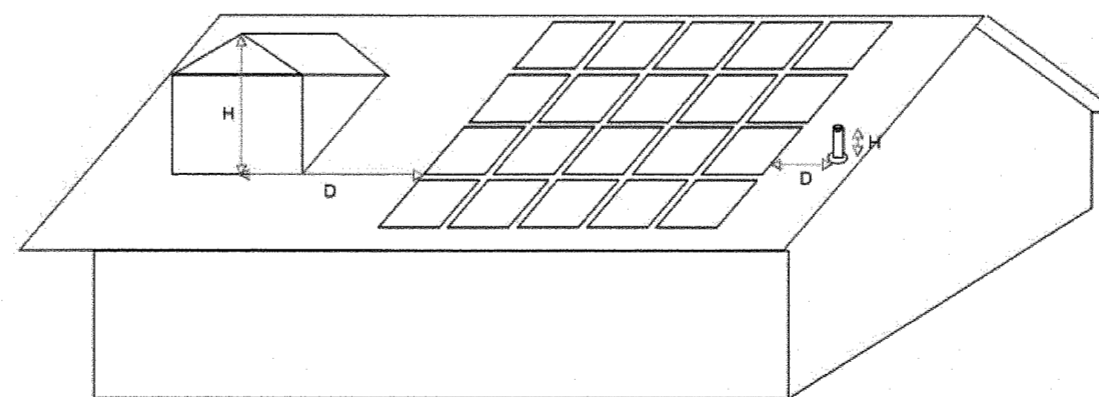
ALL SECTIONS OF THE SOLAR ZONE LOCATED ON STEEP-SLOPED ROOFS GREATER THAN 2:12 SHALL BE ORIENTED BETWEEN 110 DEGREES AND 270 DEGREES OF TRUE NORTH.



SHADING:

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 ≥ 2 x H



SOURCE: CALIFORNIA ENERGY COMMISSION

STRUCTURAL DESIGN LOADS:

ENTIRE ROOF SURFACE IS DESIGNED STRUCTURALLY TO ACCOMMODATE SOLAR PANELS = 3 PSF

INTERCONNECTION PATHWAYS:

THE LOCATION FOR INVERTERS AND METERING EQUIPMENT AND A PATHWAY FOR ROUTING OF CONDUIT FROM THE SOLAR ZONE TO THE POINT OF INTERCONNECTION WITH THE ELECTRICAL SERVICE WILL VARY DEPENDING ON PC BUILDING LOCATION.

1 SOLAR ZONE AREA

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 BUT NOT MORE THAN 25'-0" FROM TWO PERPENDICULAR WALL AND 50'-0" BETWEEN THEM. PROVIDE A 6"-Ø 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"-Ø 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 +90" 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 PULL STATION (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 PHOTOCELL MOUNT AT +93" 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 KEYPED LIGHT SWITCHES FOR MANUAL OVERRIDE AND USE FOR RESTROOM W/ PARTITIONS.
- CEILING MOUNTED PHOTOCELL. WATTSTOPPER #LMLS-500 OR EQUAL
- CEILING MOUNTED OCCUPANCY SENSOR. WATTSTOPPER #LMPC-100 OR EQUAL
- 2x4 CEILING LIGHT WITH (3) T-8 LAMPS. LAY-IN FLUORESCENT LIGHT FIXTURE WITH DIMMABLE BALLAST ORACLE LIGHTING-MODEL 24.0T.332.2.T8A12.L41KC4 WATTAGE: 79W T8 (48" LG) OR EQUAL
- 2x4 CEILING LIGHT WITH (3) T-8 LAMPS. LAY-IN FLUORESCENT LIGHT FIXTURE WITH DIMMABLE BALLAST ORACLE LIGHTING-MODEL 24.0T.332.2.T8A12.L41KC4 WATTAGE: 79W T8 (48" LG) 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.

NOTE: SEE 4/A3.2 FOR PHOTOMETRIC DATA

4/26/2018 5:12:32 PM M:\2017\17156 - Class Leasing, 30x32 PC - MainFile.rvt

3 1" = 1'-0"
ELECTRICAL PANEL_ROOF MOUNTED

PROFESSIONAL STAMP



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CLIENT



ORIGINAL PC STATE AGENCY APPROVAL

FILE NUMBER: STOCK11
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APP. NO: 04-117181 INCR:
AC RM PLS EA SR KR
DATE 04/23/2019

PROJECT TITLE

30' x 32'
EXPANDABLE TO
150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 119201
APR 1 11 2019
DATE JUN 1 0 2019

Revision Schedule

#	Description	Date

SHEET TITLE

ELECTRICAL
SCHEDULE 30x32

PROJECT NUMBER

17156

DRAWN BY

rMc/SC/AM

CHECKED BY

JA/RT

DATE

01/31/2019

SHEET NO.

E1.3

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

CERTIFICATE OF COMPLIANCE
 Electrical Power Distribution
 Project Name: 30'x32' EXPANDABLE TO 150'x32' MOD: 150'x32' Date Prepared: 09/04/2018 Page of

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)
	IT WILL VARY DEPENDING ON CLIENT'S SITE PROJECT - RELOCATABLE PUBLIC SCHOOL		

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
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 NRCC-ELC-01-E

CERTIFICATE OF COMPLIANCE
 Electrical Power Distribution
 Project Name: 30'x32' EXPANDABLE TO 150'x32' MOD: 150'x32' Date Prepared: 09/04/2018 Page of

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 system 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 NRCC-ELC-01-E

CERTIFICATE OF COMPLIANCE
 Electrical Power Distribution
 Project Name: 30'x32' EXPANDABLE TO 150'x32' MOD: 150'x32' Date Prepared: 09/04/2018 Page of

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.

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.

The control is capable of automatically shutting OFF the controlled receptacles when the space is typically unoccupied, either at the receptacle or circuit level. For the automatic time switch control, it incorporates an override control that allows the controlled receptacle to remain ON for no more than 2 hours when an override is initiated and an automatic holiday "shut-OFF" feature that turns OFF all loads for at least 24 hours and then resumes the normally scheduled operation. Countdown timer switches are not used to comply with the automatic time switch control requirements. The controls meet the requirement of Section 130.5(d)1.

There is at least one controlled receptacle within 6 ft from each uncontrolled receptacle. Where receptacles are installed in modular furniture in open office area, at least one controlled receptacle is installed at each workstation. The receptacles meet the requirement of Section 130.5(d)2.

There are installed split wired receptacles with at least one controlled and one uncontrolled receptacle. Where receptacles are installed in modular furniture in open office area, at least one controlled receptacle is installed at each workstation. The receptacles meet the requirement of Section 130.5(d)2.

Permanent and durable marking for controlled receptacles or circuits to differentiate them from uncontrolled receptacles or circuits is provided. The markings meet the requirement of Section 130.5(d)3.

For hotel and motel guest rooms, there are controlled receptacles for at least one-half of the 120-volt receptacles in each guest room. Electric circuits serving controlled receptacles in guestrooms are installed to have captive key controls, occupancy sensing controls, or automatic controls so the power is switched off no longer than 30 minutes after the guest room has been vacated. The receptacles meet the requirement of Section 130.5(d)4.

Receptacles that are only for the following purposes are excepted from Section 130.5(d):

- Receptacles specifically for refrigerators and water dispensers in kitchen areas.
- Receptacles located a minimum of six ft 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 NRCC-ELC-01-E

CERTIFICATE OF COMPLIANCE
 Electrical Power Distribution
 Project Name: 30'x32' EXPANDABLE TO 150'x32' MOD: 150'x32' Date Prepared: 09/04/2018 Page of

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I, I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: RALPH M. TAVARES Documentation Author Signature: *Ralph M. Tavares*

Company: R&S TAVARES ASSOCIATES, INC. Signature Date: 09/04/2018

Address: 11777 BERNARDO PLAZA CT. SUITE 105 CEAT/HEAS Certification Identification (if applicable):

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:

- The information provided on this Certificate of Compliance is true and correct.
- 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).
- 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.
- 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.
- 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 Responsible Designer Signature: *Manny D. Frisch*

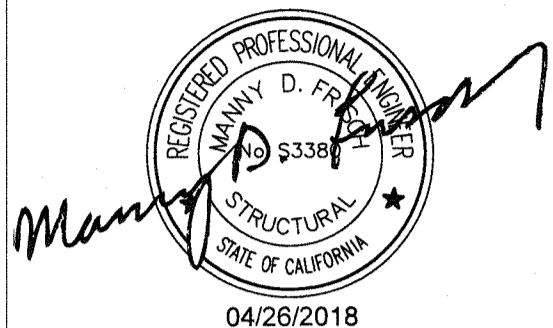
Company: R&S TAVARES ASSOCIATES, INC. Date Signed: 09/04/2018

Address: 11777 BERNARDO PLAZA CT. SUITE 105 License: S3380


City/State/Zip: SAN DIEGO, CA 92128 Phone: 858 444 3344 EXT 1810

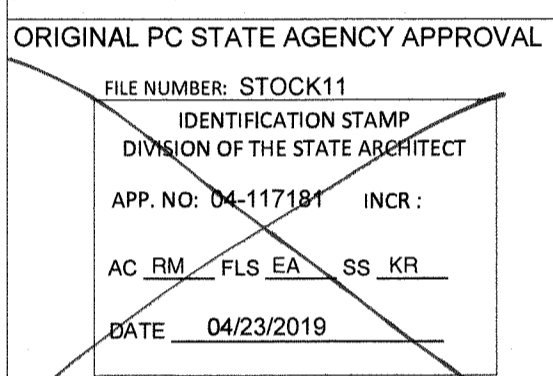
CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016 CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016 CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016 CA Building Energy Efficiency Standards - 2016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

R&S TAVARES ASSOCIATES
 DESIGN • CONSULTING • PROJECT
 11777 BERNARDO PLAZA, SUITE 105
 SAN DIEGO, CA 92128
 WWW.R&STAVARES.COM

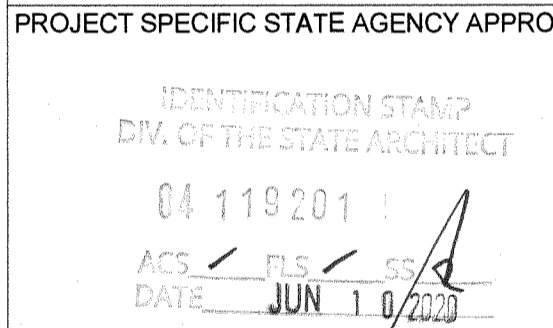
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CLIENT

 CLASS LEASING LLC
 1221 Harley Knox Boulevard
 Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL


PROJECT TITLE
 30' x 32'
 EXPANDABLE TO
 150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL


Revision Schedule

#	Description	Date

SHEET TITLE
 TITLE 24
 NRCC-ELEC-01-E

PROJECT NUMBER
 17156

DRAWN BY
 rMc/SC

CHECKED BY
 JA/RT

DATE
 10.12.2018

SHEET NO.
E2.3
 SHEET OF SHEETS

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	EF

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, 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.

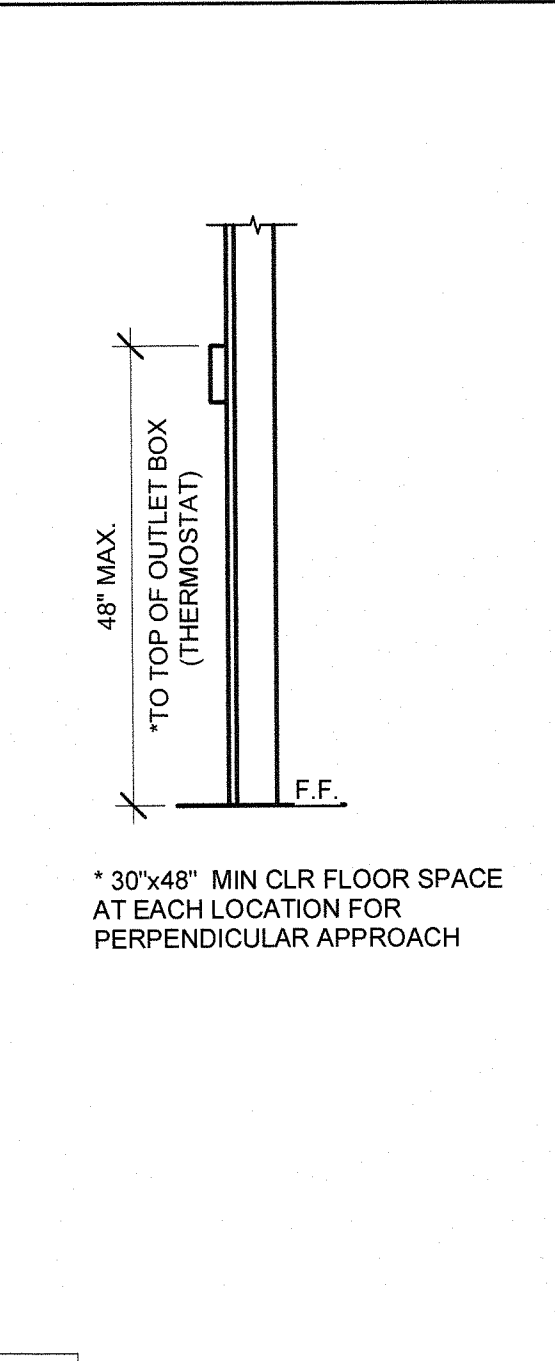
FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE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

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 13.3 AS DEFINED 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 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.



1 1" = 1'-0" LEGEND

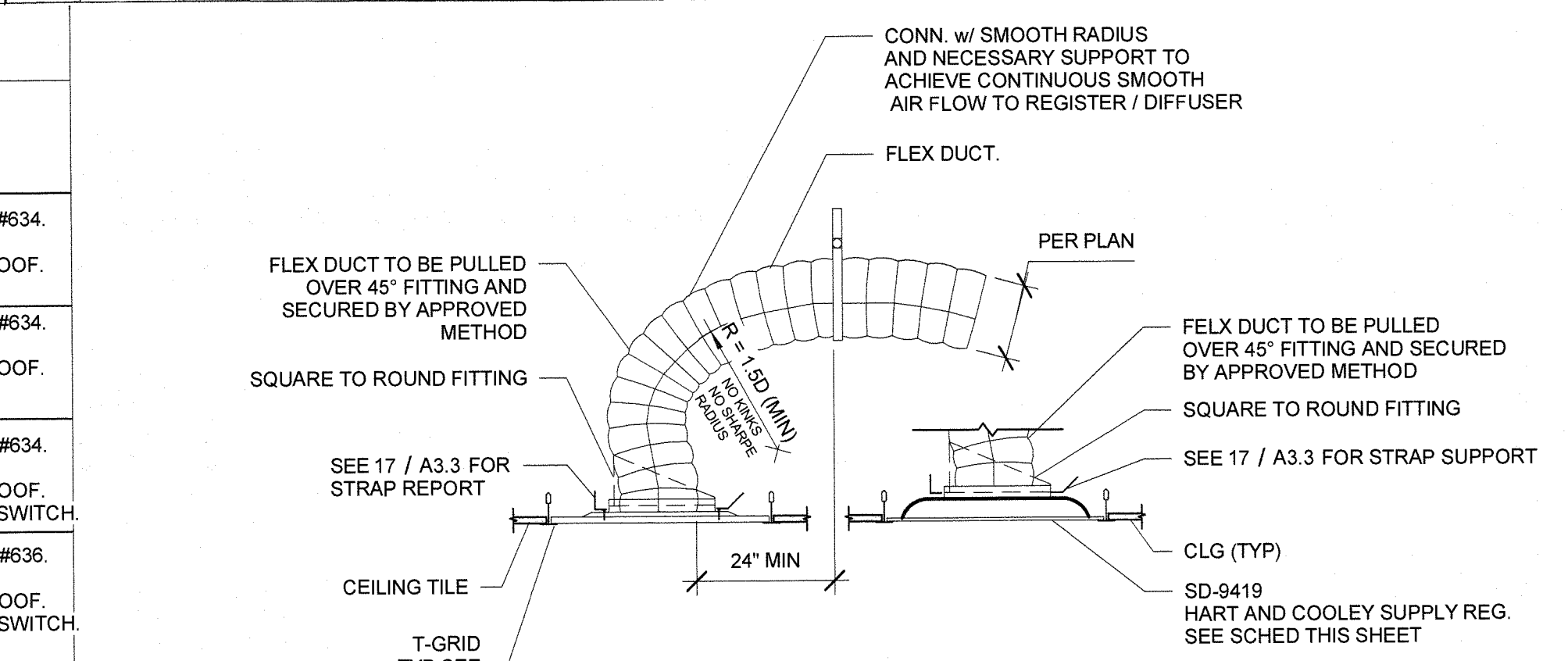
5 1" = 1'-0" EQUIPMENT ANCHORAGE

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

CEILING MOUNTED EXHAUST FAN

SYM.	USE	MFR/MODEL	CFM	SOUND LEVEL	SP	VOLTS	Ø	POWER	WGT#	NOTES
EF A	BATHROOM EXHAUST	*BROANL100	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	*BROANL200	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	*BROANL300	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	196 WATTS	7#	WITH BROAN ROOF CAP #636. PROVIDE 4" DIA. EXHAUST DUCT UP TO ROOF. INTERLOCK WITH LIGHT SWITCH.

* OR APPROVED EQUAL.

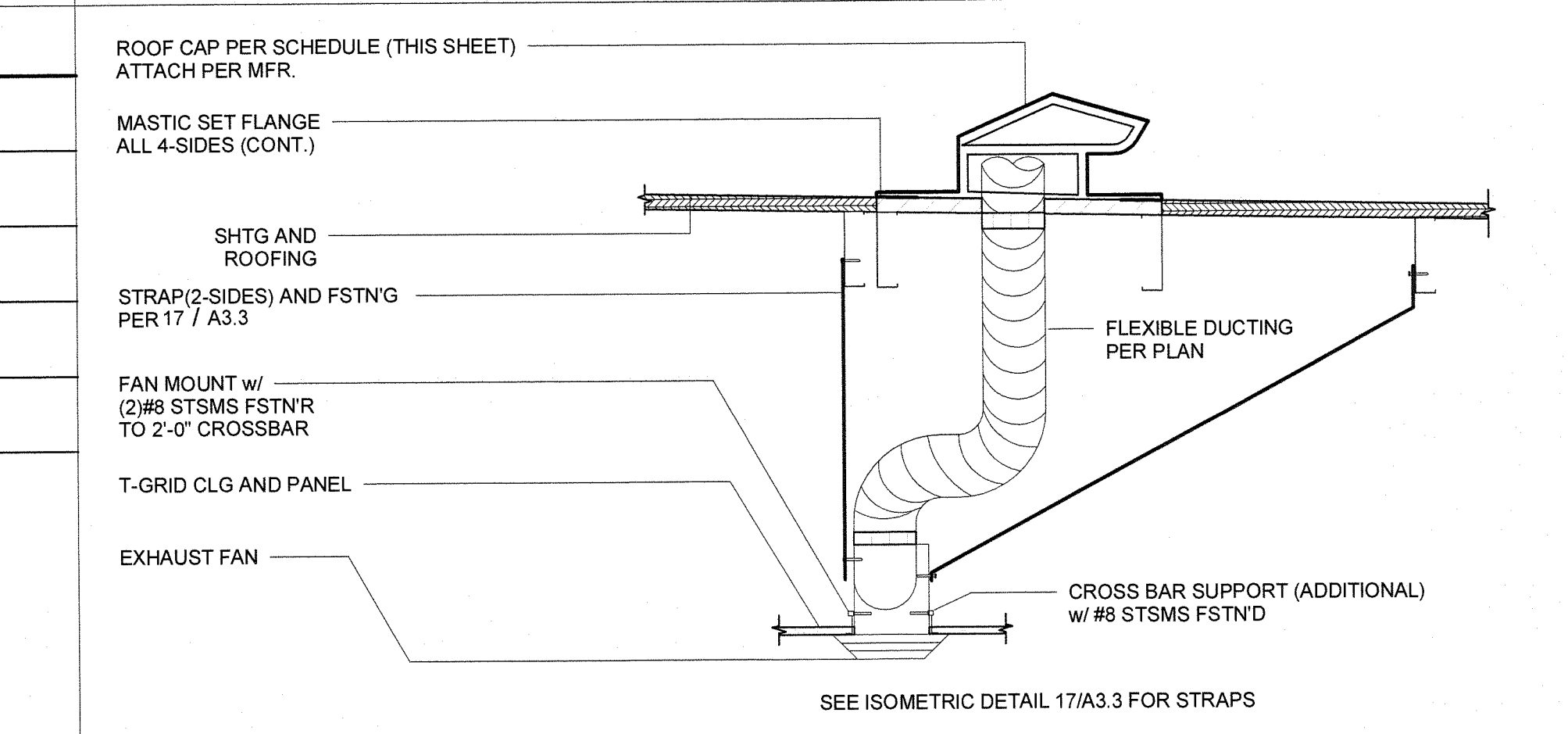


2 1" = 1'-0" CEILING MOUNTED EXHAUST FAN SCHEDULE

PERFORATED FACE GRILLE SCHEDULE (SUPPLY)

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

16x16-4W
 T-BAR SUPPLY
 Fixed Curve Blade, 4-way throw

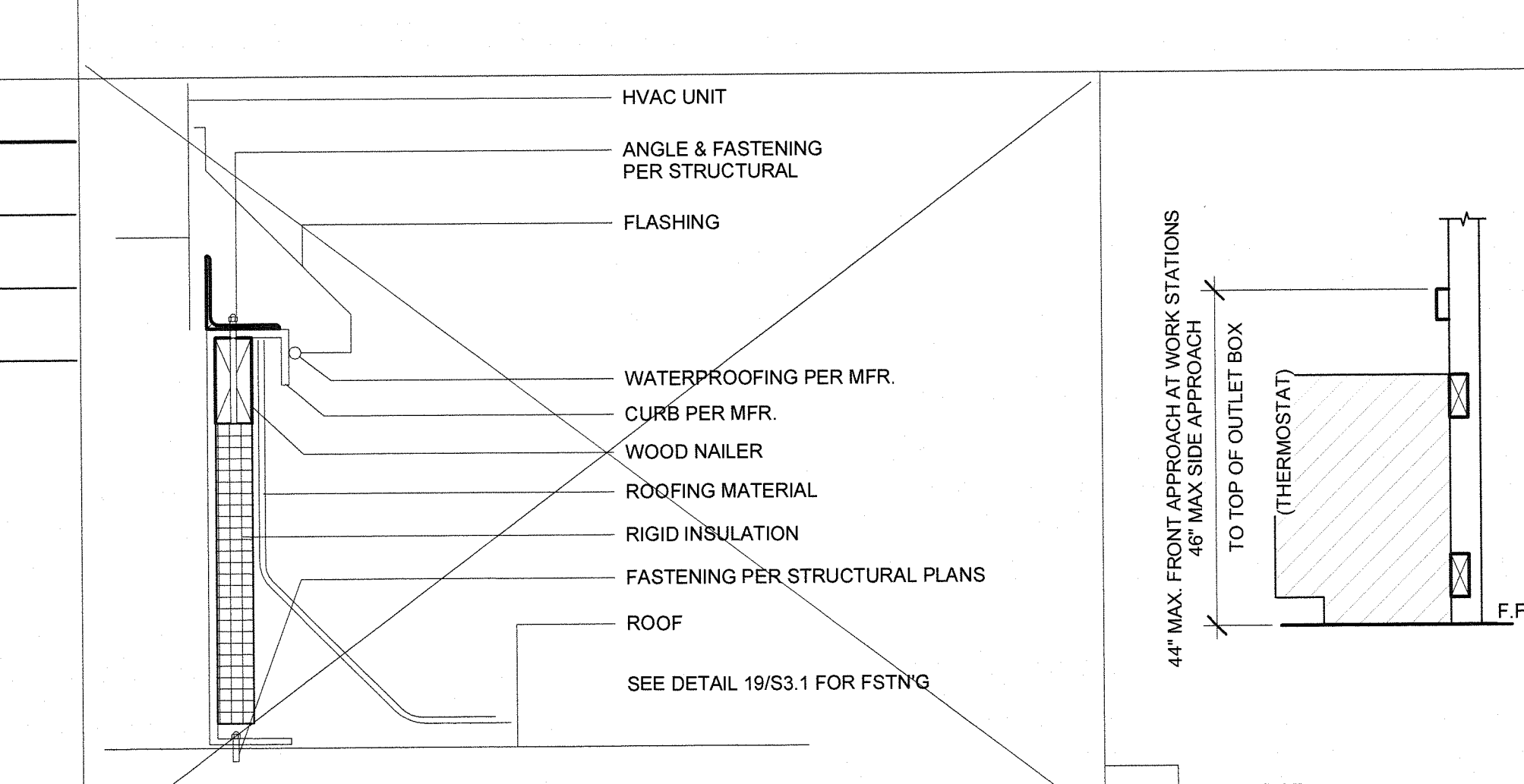


3 1" = 1'-0" PFG SCHED (SUPPLY)

PERFORATED FACE GRILLE SCHEDULE (RETURN)

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

T-BAR RETURN
 Perforated Face
 Shoemaker 105P with 24 ga. 45 deg.



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

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

10.6 EER and 11 EER

SINGLE PACKAGE VERTICAL HEAT PUMP SCHEDULE

TAG	STANDARD	OPTION #1	OPTION #2
WM-1	WM-1	WM-1	WM-1
NOMINAL TONNAGE	4.0 TONS	*5 TONS	3.5 TONS
MANUFACTURER	**BARD	**BARD	**BARD
MODEL#	C48H1	C60H1	C42H1
CFM	1500	1650	1250
STATIC PRESSURE	0.2	0.2	0.15
DRIVE	DIRECT	DIRECT	DIRECT
MCA	58	67	57
MOCP	60	60	60
VOLTAGE	208/230-1	208/230-1	208/230-1
WIRE SIZE (PWR/GRND)	#6/#10	#4/#5	#6/#10
DESIGN RETURN AIR (DB/WB)	80/67	80/67	80/67
SENSIBLE COOLING @ 95° F (PART/FULL)	25,990/36,000	30,800/40,300	21,790/29,700
TOTAL COOLING @ 95° F (PART/FULL)	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	45,800/38,500
HEATING CAP. BTUH @ 17° F	28,000	32,000	25,000
OPERATING WEIGHT	550#	580#	550#
EER	11.00	10.60	11.00
COP @ 47° F	3.00	3.00	3.00
COP @ 17° F	2.00	2.00	2.00

10.6 AND 11.0 EER (GAS ALTERNATE)

SINGLE PACKAGE VERTICAL AIR CONDITIONER WITH GAS FURNACE

TAG	STANDARD	OPTION #1	OPTION #2
WM-2	WM-2	WM-2	WM-2
NOMINAL TONNAGE	4.0 TONS	*5 TONS	3.5 TONS
MANUFACTURER	BARD	**BARD	BARD
MODEL#	C48H1	C60H1	C42H1
CFM	1500	1650	1250
STATIC PRESSURE	0.2	0.2	0.15
DRIVE	DIRECT	DIRECT	DIRECT
MCA	38	40	32
MOCP	50	60	50
VOLTAGE	208/230-1	208/230-1	208/230-1
WIRE SIZE (PWR/GRND)	#6/#10	#6/#10	#6/#10
DESIGN RETURN AIR (DB/WB)	80/67	80/67	80/67
SENSIBLE COOLING @ 95° F (PART/FULL)	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
HEATING INPUT	75,000	75,000	75,000
HEATING OUTPUT	61,500	61,500	61,500
OPERATING WEIGHT	710#	725#	700#
EER	11.00	10.60	11.00
EFFICIENCY (TE)	82	82	82

SECTION 915 CARBON MONOXIDE DETECTION

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.

CFC 915.1 - Classrooms which contain a fuel-burning appliance or a fuel-burning fireplace or are supplied by a forced-air furnace shall be provided with a carbon monoxide detection system. Provide a carbon monoxide detection system.

HVAC SCHEDULE

BUILDING SIZE	# OF HVAC		
	3 1/2 TON HVAC	4 TON HVAC	5 TON HVAC
30' x 32'	1		
40' x 32'	1		
50' x 32'	1		
60' x 32'	-2-	2	
70' x 32'	2		
80' x 32'		2	
90' x 32'	3		2
100' x 32'	3		2
110' x 32'	3		2
120' x 32'		2	3
130' x 32'			3
140' x 32'			3
150' x 32'	5		

14 SEER

SINGLE PACKAGE ROOF TOP HEAT PUMP SCHEDULE

TAG	STANDARD	OPTION #1	OPTION #2
RM-1	RM-1	RM-1	RM-1
NOMINAL TONNAGE	4.0 TONS	*5 TONS	3 TONS
MANUFACTURER	**CARRIER	**CARRIER	**CARRIER
MODEL#	50KCQ05	50KCQ08	50KCQ04
CFM	1500	1650	1200
STATIC PRESSURE	0.4	0.4	0.15
DRIVE	BELT	BELT	BELT
MCA	64	72	59
MOCP	70	80	60
VOLTAGE	208/230-1	208/230-1	208/230-1
WIRE SIZE (PWR/GRND)	#4/#8	#4/#8	#6/#10
DESIGN RETURN AIR (DB/WB)	80/67	80/67	80/67
SENSIBLE COOLING @ 95° F	35,260	40,700	30,500
TOTAL COOLING @ 95° F	49,000	58,000	35,600
HEATING CAP. BTUH @ 47° F	45,500	58,000	35,500
HEATING CAP. BTUH @ 17° F	28,600	28,600	18,400
OPERATING WEIGHT	560#	615#	572#
SEER	14.00	14.3	14.00
HSPF	8.0	8.2	8.1
COP @ 47° F	3.4	3.5	3.4
COP @ 17° F	2.4	2.4	2.3

14 SEER (GAS ALTERNATE)

SINGLE PACKAGE ROOF TOP AIR CONDITIONER WITH GAS FURNACE

TAG	STANDARD	OPTION #1	OPTION #2
RM-2	RM-2	RM-2	RM-2
NOMINAL TONNAGE	4.0 TONS	*5 TONS	3 TONS
MANUFACTURER	**CARRIER	**CARRIER	**CARRIER
MODEL#	50KCQ05	50KCQ06	50KCQ04
CFM	1500	1675	1200
STATIC PRESSURE	0.4	0.4	0.4
DRIVE	BELT	BELT	BELT
MCA	36.1	41.8	29.6
MOCP	60	60	40
VOLTAGE	208/230-1	208/230-1	208/230-1
WIRE SIZE (PWR/GRND)	#6/#10	#6/#10	#6/#10
DESIGN RETURN AIR (DB/WB)	80/67	80/67	80/67
SENSIBLE COOLING @ 95° F	35,260	40,700	30,500
TOTAL COOLING @ 95° F	49,000	58,000	45,600
HEATING INPUT	90,000	90,000	90,000
HEATING OUTPUT	73,000	73,000	73,000
OPERATING WEIGHT	590#	618#	572#
SEER	14.00	14.3	14.00
AFUE	80.4%	80.4%	80.4%

5.504.3 FILTER SPECIFICATION:

5.504.3	A2.5	COVERING OF DUCT OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION AND SHIPMENT.
5.504.3	A0.5	MECHANICAL SPECIFICATION OR NOTE INCLUDES INFORMATION REQUIRING A MINIMUM MERV 8 FILTER(S) OR HIGHER.

HVAC NOTES

- SET BACK THERMOSTAT SHALL BE PROVIDED
- THE CO2 SENSOR SHALL NOT BE OBSTRUCTED BY FURNITURE OR EQUIPMENT AND NEED TO BE LOCATED ACCORDINGLY, AND PLACED NO LESS THAN 35' AFF AND NO MORE THAN 72' AFF
- AIR HANDLERS WITH OTHER VOLTAGES SHOULD BE ACCEPTABLE, AS WELL AS OTHERS THAN THE MAKE AND MODELS LISTED ON THESE TABLES, WHEN THE NOMINAL TONNAGE DOES NOT EXCEEDS 5 TON AND THE SEER, HSPF AND COP VALUES ARE NO LESS THAN SHOWN.
- MODEL NUMBERS FOR HEAT PUMP UNITS WITH OPTIONAL 5.0 AUXILIARY HEAT STRIPS, WHEN THE HEAT STRIP IS NOT USED, THE MCA AND MOCP MUST BE VERIFIED AND HEAT STRIPS LARGER THAN THE SIZES SHOWN MAY NOT BE USED.
- HVAC SYSTEM DOES NOT CONTAIN AN ECONOMIZER AND DEMAND CONTROL VENTILATION DEVICES.
- CLASSROOMS ARE DESIGNED FOR MINIMUM OUTSIDE AIR OF 0.38 CFM PER SF. PER CALIFORNIA ENERGY CODE (CEC), SPACES SHALL BE DESIGNED TO THE MINIMUM REQUIREMENTS AS SPECIFIED OR TO 15 CFM PER OCCUPANT, WHICHEVER IS GREATER. PC MANUFACTURER SHALL VERIFY WITH THE SCHOOL DISTRICT THE EXPECTED NUMBER OF OCCUPANTS IN THE CLASSROOM SO THAT THE OUTDOOR VENTILATION RATE FOR MECHANICAL SYSTEMS CAN BE ADEQUATELY ADJUSTED UPON SITE INSTALLATION OF THE BUILDING. PC MANUFACTURER SHALL ALSO CONFIRM WITH HVAC EQUIPMENT MANUFACTURER THAT THE SELECTED EQUIPMENT WILL BE ABLE TO PERFORM TO ACCOMMODATE THE ADDITIONAL OUTDOOR AIR REQUIREMENTS UNDER THE PEAK DESIGN CONDITIONS. FOR THE CLIMATE ZONE IN WHICH THE BUILDING IS LOCATED, AT OCCUPANCY, THE BUILDING MANUFACTURER SHALL PROVIDE TO BUILDING OWNER A DESCRIPTION OF THE QUANTITIES OF OUTDOOR AND RECIRCULATED AIR THAT THE VENTILATION SYSTEMS ARE DESIGNED TO PROVIDE EACH AREA.

*FOR 24x40 BUILDING A 5 TONS UNIT IS ONLY TO BE USED ON COMPUTER LAB APPLICATION

**OR EQUAL

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

SECTION 915 CARBON MONOXIDE DETECTION

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.

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CFC 915.1 - Classrooms which contain a fuel-burning appliance or a fuel-burning fireplace or are supplied by a forced-air furnace shall be provided with a carbon monoxide detection system. Provide a carbon monoxide detection system.

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

R&S TAVARES ASSOCIATES
 DESIGN • CONSULTING • PROJECT
 17777 EDWARDS PLAZA COURT, SUITE 109
 SAN DIEGO, CA 92128
 WWW.RSTAVARES.COM

PROFESSIONAL STAMP

 04/26/2018

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: STOCK11
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APP. NO: 04-117181 INC. I
 AC RM FLS EA SS KR
 DATE 04/23/2019

PROJECT TITLE
30' x 32' EXPANDABLE TO 150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04-119201-1
 ACS FLS DS SS
 DATE JUN 1 0 2019

Revision Schedule

#	Description	Date

SHEET TITLE
MISCELLANEOUS NOTES & DETAILS

PROJECT NUMBER	17156
DRAWN BY	RMc/SC
CHECKED BY	JA/RT
DATE	10.12.2018
SHEET NO.	MO.1
SHEET OF SHEETS	

PC DESIGN REVIEW INFORMATION				
Title 24, Part 6, Energy Code DSA Application #: 04-117181 Calculation Date/Time of Energy Report: 2019-01-24 09:24:43 Model Name and Option: 30'x32' EXPANDABLE TO 150'x32' - 30'x32' PC 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	395.52	356.07	9.9742%
	75	381.61	352.25	7.6937%
	120	381.89	354.12	7.2712%
	165	387.57	354.91	8.4269%
	210	382.78	353.99	7.5213%
	255	381.80	352.17	7.7606%
	300	392.32	356.06	9.2425%
345	399.69	357.92	10.4506%	
15 (Palm Springs-Intl)	30	445.14	397.21	10.7674%
	75	428.52	394.06	8.0416%
	120	436.90	395.54	9.4667%
	165	443.60	396.74	10.5636%
	210	439.80	396.72	9.7954%
	255	429.78	394.98	8.0972%
	300	436.25	397.30	8.9284%
345	448.97	398.58	11.2235%	
16 (Blue Canyon)	30	362.68	335.48	7.4997%
	75	351.95	332.34	5.5718%
	120	366.9	333.99	8.9697%
	165	373.36	334.53	10.4001%
	210	366.48	333.69	8.9473%
	255	351.06	331.98	5.4359%
	300	361.84	335.37	7.3154%
345	366.58	337.11	8.0392%	

PC DESIGN REVIEW INFORMATION				
Title 24, Part 6, Energy Code DSA Application #: 04-117181 Calculation Date/Time of Energy Report: 2019-01-22 13:56:04 Model Name and Option: 30'x32' EXPANDABLE TO 150'x32' - 150'x32' PC Total Floor Area: 4800 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	380.34	346.38	8.9289%
	75	364.45	341.27	6.3603%
	120	366.84	343.99	6.8379%
	165	374.95	345.87	7.7557%
	210	368.46	344.39	6.5326%
	255	365.05	341.31	6.5032%
	300	377.42	345.56	8.4415%
345	386.09	348.88	9.6376%	
15 (Palm Springs-Intl)	30	427.19	388.67	9.0171%
	75	407.99	383.67	5.9609%
	120	419.24	385.79	7.9787%
	165	426.57	388.74	8.8684%
	210	422.87	387.95	8.2579%
	255	409.30	384.61	6.0323%
	300	418.56	387.80	7.3490%
345	433.38	390.87	9.8089%	
16 (Blue Canyon)	30	345.17	324.33	6.0376%
	75	334.25	320.36	4.1556%
	120	349.08	322.12	7.7232%
	165	358.3	323.91	9.5981%
	210	349.07	322.63	7.5144%
	255	333.45	320.03	4.0246%
	300	344.21	323.54	6.0051%
345	351.47	326.43	7.1244%	

Project Name:	32X150 (PC 04-117181) - Wall AC	NRCC-PRF-01-E	Page 1 of 18
Project Address:	Climate Zone 16 Blue Canyon	Calculation Date/Time:	13:55, Tue, Jan 22, 2019
Compliance Scope:	NewComplete	Input File Name:	32X150 PC - CZ16(Wall AC) 255 deg SPVHP (R).cibd16x

A. PROJECT GENERAL INFORMATION			
1. Project Location (city)	Blue Canyon	8. Standards Version	Compliance2016
2. CA ZIP Code		9. Compliance Software (version)	EnergyPro 7.2
3. Climate Zone	16	10. Weather File	BLUE-CANYON_725845_CZ2010.epw
4. Total Conditioned Floor Area in Scope	4,800 ft ²	11. Building Orientation (deg)	(W) 255 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)				
BUILDING COMPLIES				
1. Energy Component	2. Standard Design (TDV)	3. Proposed Design (TDV)	4. Compliance Margin (TDV)	5. Percent Better than Standard
Space Heating	33.87	56.64	-22.77	-67.2%
Space Cooling	54.84	61.57	-6.73	-12.3%
Indoor Fans	109.57	89.18	20.49	18.7%
Heat Rejection	--	--	--	--
Pumps & Misc.	--	--	--	--
Domestic Hot Water	12.00	12.00	--	0.0%
Indoor Lighting	58.59	36.16	22.43	38.3%
COMPLIANCE TOTAL	268.97	255.55	13.42	5.0%
Receptacle	64.48	64.48	0.0	0.0%
Process	--	--	--	--
Other Ltg	--	--	--	--
Process Motors	--	--	--	--
TOTAL	333.45	320.03	13.4	4.0%

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance	Report Version: NRCC-PRF-01-E-09132018-5583	Report Generated at: 2019-01-22 13:56:04
Project Name:	32X150 (PC 04-117181) - Wall AC	NRCC-PRF-01-E
Project Address:	Climate Zone 16 Blue Canyon	Calculation Date/Time: 13:55, Tue, Jan 22, 2019
Compliance Scope:	NewComplete	Input File Name: 32X150 PC - CZ16(Wall AC) 255 deg SPVHP (R).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
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lighting (Indoor Unconditioned) §140.6	NRCC-LTI-01 / 02 / 03 / 04 / 05-E
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lighting (Outdoor) §140.7	NRCC-LTO-01 / 02 / 03-E
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lighting (Sign) §140.8	NRCC-LTS-01-E
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Solar Thermal Water Heating: §140.5	NRCC-STH-01-E

Project Name:	32X150 (PC 04-117181) - Wall AC	NRCC-PRF-01-E	Page 2 of 18
Project Address:	Climate Zone 16 Blue Canyon	Calculation Date/Time:	13:55, Tue, Jan 22, 2019
Compliance Scope:	NewComplete	Input File Name:	32X150 PC - CZ16(Wall AC) 255 deg SPVHP (R).cibd16x

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

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)	

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance	Report Version: NRCC-PRF-01-E-09132018-5583	Report Generated at: 2019-01-22 13:56:04
Project Name:	32X150 (PC 04-117181) - Wall AC	NRCC-PRF-01-E
Project Address:	Climate Zone 16 Blue Canyon	Calculation Date/Time: 13:55, Tue, Jan 22, 2019
Compliance Scope:	NewComplete	Input File Name: 32X150 PC - CZ16(Wall AC) 255 deg SPVHP (R).cibd16x

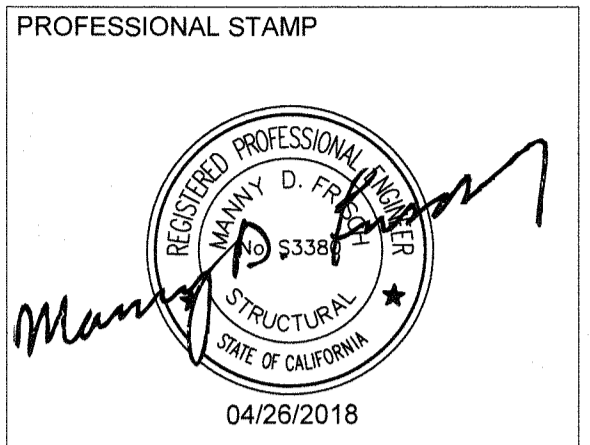
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Building Component	Compliance Forms (required for submittal)	Confirmed	
		Pass	Fail
Envelope	<input checked="" type="checkbox"/> NRCI-ENV-01-E - For all buildings	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCA-ENV-02-F - NFRC label verification for fenestration	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCI-MCH-01-E - For all buildings with Mechanical Systems	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCA-MCH-02-A - Outdoor Air	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCA-MCH-03-A - Constant Volume Single Zone HVAC	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCA-MCH-04-H - Air Distribution Duct Leakage	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-05-A - Air Economizer Controls	<input type="checkbox"/>	<input type="checkbox"/>
Mechanical	<input type="checkbox"/> NRCA-MCH-06-A - Demand Control Ventilation	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-07-A - Supply Fan Variable Flow Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-08-A - Valve Leakage Test	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-09-A - Supply Water Temp Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-10-A - Hydronic System Variable Flow Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-11-A - Auto Demand Shed Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-12-A - Packaged Direct Expansion Units	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-13-A - Air Handling Units and Zone Terminal Units	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-14-A - Distributed Energy Storage	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-15-A - Thermal Energy Storage	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-16-A - Supply Air Temp Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-17-A - Condensate Water Temp Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>

Project Name:	32X150 (PC 04-117181) - Wall AC	NRCC-PRF-01-E	Page 3 of 18
Project Address:	Climate Zone 16 Blue Canyon	Calculation Date/Time:	13:55, Tue, Jan 22, 2019
Compliance Scope:	NewComplete	Input File Name:	32X150 PC - CZ16(Wall AC) 255 deg SPVHP (R).cibd16x

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 type="checkbox"/> Performance	NRCC-PRF-PLB-DETAILS (section of the NRCC-PRF-01-E)	M2.4
	<input checked="" 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)	
	<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)	
	<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)	
	<input checked="" type="checkbox"/> Prescriptive	NRCC-PRC-01/09-E	

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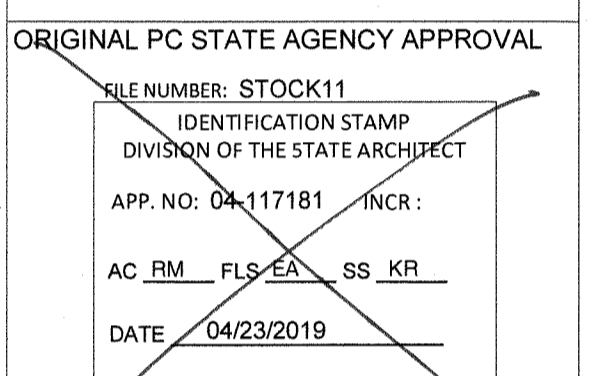
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Building Component	Compliance Forms (required for submittal)	Confirmed	
		Pass	Fail
Plumbing	<input checked="" type="checkbox"/> NRCI-PLB-01-E - For all buildings with Plumbing Systems	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PLB-02-E - required on central systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-PLB-03-E - Single dwelling unit systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PLB-21-E - HERS verified central systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-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"/> NRVC-PLB-21-H - HERS verified central systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRVC-PLB-22-H - HERS verified single dwelling unit systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
Indoor Lighting	<input checked="" type="checkbox"/> NRCI-LTI-01-E - For all buildings	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-LTI-02-E - Lighting control system, or for an Energy Management Control System (EMCS)	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-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"/> NRCI-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"/> NRCI-LTI-05-E - Lighting Control Credit Power Adjustment Factor (PAF)	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-LTI-06-E - Additional wattage installed in a video conferencing studio	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCA-LTI-02-A - Occupancy sensors and automatic time switch controls.	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCA-LTI-03-A - Automatic daylighting controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-LTI-04-A - Demand responsive lighting controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCI-LTO-01-E - Outdoor Lighting	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Lighting	<input type="checkbox"/> NRCI-LTO-02-E - EMCS Lighting Control System	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-LTO-02-A - Outdoor Lighting Control	<input type="checkbox"/>	<input type="checkbox"/>
Sign Lighting	<input type="checkbox"/> NRCI-LTS-01-E - Sign Lighting	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCI-ELC-01-E - Electrical Power Distribution	<input type="checkbox"/>	<input type="checkbox"/>
Photovoltaic	<input type="checkbox"/> NRCI-SPV-01-E Photovoltaic Systems	<input type="checkbox"/>	<input type="checkbox"/>



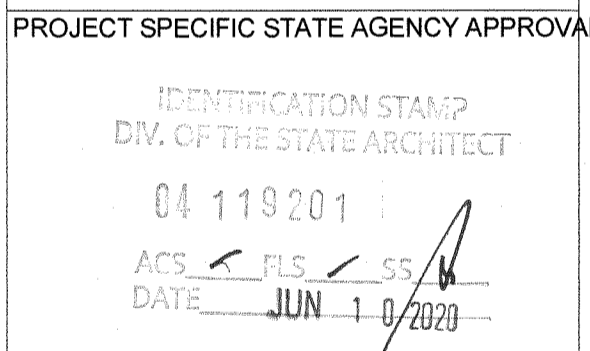
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1221 Harley Knox Boulevard
Perris, CA 92571



PROJECT TITLE
**30' x 32'
EXPANDABLE TO
150' x 32'**



Revision Schedule		
#	Description	Date

SHEET TITLE
**TITLE 24
NRCC-PRF-01-E**

PROJECT NUMBER
17156

DRAWN BY
rMc/SC/AM

CHECKED BY
JA/RT

DATE
01/31/2019

Project Name: 32X150 (PC 04-117181) - Wall AC
Project Address: Climate Zone 16 Blue Canyon
Compliance Scope: NewComplete

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H. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRCC/NRCA/NRVC) - Confirmed

J. FENESTRATION ASSEMBLY SUMMARY - Confirmed

M. HVAC SYSTEM SUMMARY (see NRCC-PRF-MCH-DETAILS for more information) - Confirmed

I. ENVELOPE GENERAL INFORMATION (See NRCC-PRF-ENV-DETAILS for more information)

K. OPAQUE SURFACE ASSEMBLY SUMMARY - Confirmed

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

N. ECONOMIZER & FAN SYSTEMS SUMMARY - Confirmed

L. ROOFING PRODUCT SUMMARY - Confirmed

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O. EQUIPMENT CONTROLS - Confirmed

R. INDOOR CONDITIONED LIGHTING SCHEDULE (Adapted from NRCC-LTI-01-E)¹ - Confirmed

U. ENERGY USE SUMMARY

P. SYSTEM DISTRIBUTION SUMMARY - Confirmed

S1. COVERED PROCESS SUMMARY - ENCLOSED PARKING GARAGES - Confirmed

S2. COVERED PROCESS SUMMARY - COMMERCIAL KITCHENS - Confirmed

Does the Project Include Zonal Systems? (If "Yes", see NRCC-PRF-MCH-DETAILS for system information) - No

S3. COVERED PROCESS SUMMARY - COMPUTER ROOMS - Confirmed

S4. COVERED PROCESS SUMMARY - LABORATORY EXHAUSTS - Confirmed

Q. INDOOR CONDITIONED LIGHTING GENERAL INFO (see NRCC-PRF-LTI-DETAILS for more info)¹ - Confirmed

T. UNMET LOAD HOURS - Confirmed

U. ENERGY USE SUMMARY

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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT - § 10-103

Documentation Author Name: Lal B. Sahgal

Documentation Author Name: Lal B. Sahgal

RESPONSIBLE PERSON'S DECLARATION STATEMENT

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RESPONSIBLE ENVELOPE DESIGNER Name: Manny D. Frisch

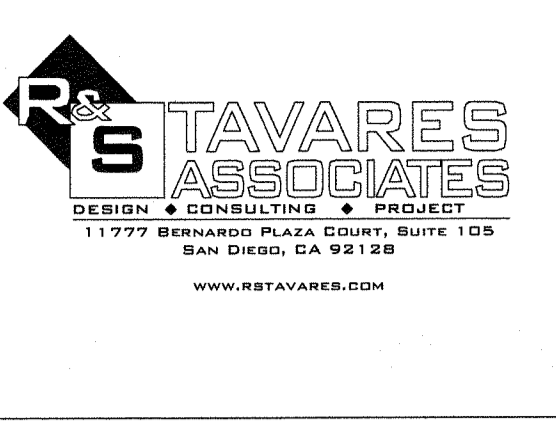
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ORIGINAL PC STATE AGENCY APPROVAL

PROJECT TITLE 30' x 32' EXPANDABLE TO 150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL

Revision Schedule

SHEET TITLE TITLE 24 NRCC-PRF-01-E

PROJECT NUMBER 17156 DRAWN BY rMc/SC/AM CHECKED BY JA/RT DATE 01/31/2019 SHEET NO. M2.2 SHEET OF SHEETS

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Project Name:	32X150 (PC 04-117181) - Wall AC	NRCC-PRF-01-E	Page 14 of 18
Project Address:	Climate Zone 16 Blue Canyon	Calculation Date/Time:	13:55, Tue, Jan 22, 2019
Compliance Scope:	NewComplete	Input File Name:	32X150 PC - CZ16(Wall AC) 255 deg SPVHP (R).cibd15x

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, 24in. OC, 5.5in., R-19 Gypsum Board - 1/2 in. Expanded Polystyrene - EPS - 1 in. RA2		<input type="checkbox"/>	<input type="checkbox"/>
Raised Concrete with R-1112	ExteriorFloor	Concrete - 140 lb/ft ³ - 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

Project Name:	32X150 (PC 04-117181) - Wall AC	NRCC-PRF-01-E	Page 15 of 18
Project Address:	Climate Zone 16 Blue Canyon	Calculation Date/Time:	13:55, Tue, Jan 22, 2019
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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 FRACTION	MINIMUM HEATING AIR FLOW (CFM)	MAXIMUM HEATING AIR FLOW FRACTION	DDC CONTROL (Y/N)	VENT SYSTEM ID	CONDITIONED AREA (ft ²)	MIN. VENT PER AREA (CFM/ft ²)	DESIGN NUM. OF PEOPLE	MIN. VENT PER PERSON (CFM/PERSON)	REQ'D VENT AIR FLOW (CFM)			DESIGN VENT AIR FLOW (CFM)	TRANSFER AIRFLOW (CFM)	DCV (Y/N)	Operable Window area/req'd \$ 100.4(b) (V/N)	
1-First Floor	AC-1 TO AC-5	6,250	NA	0.00	NA	NA	N	AC-1 TO AC-5	4,800	NA	120.0	0	15.00	1,800	1,800	NA	N	NA	<input type="checkbox"/>	<input type="checkbox"/>
TOTAL									4,800	NA	120.0	0	1,800	1,800	NA			<input type="checkbox"/>	<input type="checkbox"/>	

B. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY

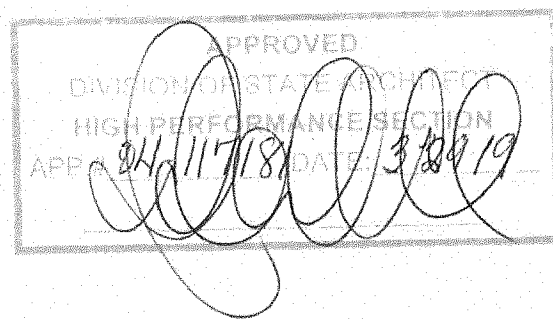
B. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY												§ 140.4		
System ID	System Type	Qty	4. Rated Capacity (kBtu/h)		5. Economizer	6. Zone Name	7. Airflow (cfm)			8. Fan			Pass	Fail
			Heating	Cooling			Design	Min. Ratio	BHP	Cycles	ECM Motor			
1-First Floor-Trm	Uncontrolled	5	NA	NA	NA	1-First Floor	6250	NA	0.00	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



MECHANICAL MANDATORY MEASURES: NONRESIDENTIAL		Date:
Project Name:	30'x32' EXPANDABLE TO 150'x32'	01/22/2019
DESCRIPTION		
Building Measures:		
110.2(b)	Heat pumps with supplementary heater 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.	
120.1(c)3	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.	
120.1(c)2	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.	
120.2(c)	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.	
120.4(a)	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.	
120.2(a) & (b)	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.	
120.2(f)	Outdoor air supply and exhaust equipment shall be installed with dampers that automatically close upon fan shutdown.	
120.1(c)4	Demand Control Ventilation Devices (CO2 sensors) shall be installed. 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.	
120.2(e)	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 setback 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.	
120.3	The piping for all space conditioning and service water heating systems shall be insulated in accordance with table 123-A	
110.3(b)	Service water heating systems and equipment shall meet the applicable requirements of the Appliance Efficiency Regulations as required by Sec. 110.1	
110.3(c)2	Service hot water systems with circulating pumps or with electrical heat trace systems shall be capable of automatically turning off the system.	
110.3(c)3	Lavatories in public restrooms shall have controls that limit the water supply temperature to	

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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			
																		Pass	Fail		
Equipment Requiring Testing or Verification	# of units	Outdoor Air	Single Zone Unitary	Air Ducts	Economizer Controls	DCV	Supply Fan VAV	Valve Leakage	Reset	Supply Water Temp.	Hyd Variable Flow Control	Auto Demand Shed Control	FDD for DX Units	Auto FDD for Air & DX AC	Dist. Energy Storage	TES Systems	Supply Air Temp. Reset	Condenser Water Reset Controls	ECMS	<input type="checkbox"/>	<input type="checkbox"/>
AC-1 TO AC-5	5	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<input type="checkbox"/>	<input type="checkbox"/>

H. EVAPORATIVE COOLER SUMMARY

This Section Does Not Apply

NRCC-PRF-LTI-DETAILS - SECTION START

A. INDOOR CONDITIONED LIGHTING CONTROL CREDITS (Adapted from NRCC-LTI-02-E)

This Section Does Not Apply

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

This Section Does Not Apply

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\$130.1(a) = Manual area controls; \$130.0(b) = Multi Level; \$130.1(c) = Auto Shut-Off; \$130.1(d) = Mandatory Daylight; \$130.1(e) = Demand Response

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

C. TAILORED METHOD CONDITIONED LIGHTING POWER ALLOWANCE SUMMARY AND CHECKLIST (Adapted from NRCC-LTI-04-E)		§ 140.6	
General lighting power (see Table D)		0	
General lighting power from special function areas (see Table E)		NA	
Additional "use it or lose it" (See Table G)		0	
Total watts		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)

E. GENERAL LIGHTING FROM SPECIAL FUNCTION AREAS (Adapted from NRCC-LTI-04-E)							§ 140.6(c) 3H		
Room Number	Primary Function Area	Illuminance Value (LUX)	Room Cavity Ratio (Table G)	Allowed LPD	Floor Area (ft ²)	Allowed Watts	Confirmed	Pass	Fail
NA	NA	NA	NA	NA	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>	

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

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

F. ROOM CAVITY RATIO (Adapted from NRCC-LTI-04-E)						Confirmed	
Rectangular Spaces						Pass	Fail
Room Number	Task/Activity Description	Room Length (ft)	Room Width (ft)	Room Cavity Height (ft)	RCR		
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)

G. ADDITIONAL "USE IT OR LOSE IT" (Adapted from NRCC-LTI-04-E)						Confirmed	
1. Wall Display	2. Combined Floor Display and Task Lighting	3. Combined Ornamental and Special Effects Lighting	4. Very Valuable Merchandise	Allowed Watts	Pass	Fail	
0	0	0	0	0	<input type="checkbox"/>	<input type="checkbox"/>	

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-22 13:56:04			
Project Name:	32X150 (PC 04-117181) - Wall AC	NRCC-PRF-01-E	Page 18 of 18
Project Address:	Climate Zone 16 Blue Canyon	Calculation Date/Time:	13:55, Tue, Jan 22, 2019
Compliance Scope:	NewComplete	Input File Name:	32X150 PC - CZ16(Wall AC) 255 deg SPVHP (R).cibd15x

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

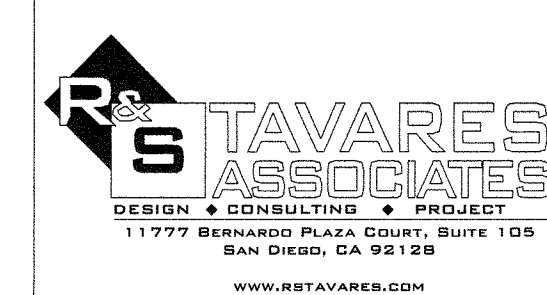
This Section Does Not Apply

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		Occ Sensors / Auto Time Switch	Auto Daylight	Demand Responsive	Outdoor Controls		
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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ENVELOPE MANDATORY MEASURES: NONRESIDENTIAL		ENV-MM
Project Name:	32X150 (PC 04-117181) - Wall AC	Date: 01/22/2019
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 0.098. 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. 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.	



PROFESSIONAL STAMP



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CLIENT



ORIGINAL PC STATE AGENCY APPROVAL

FILE NUMBER: STOCK11
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APP. NO: 04-117181 -NRCA-
AC RM FLS EA SS KR
DATE 04/23/2019

PROJECT TITLE

30' x 32'
EXPANDABLE TO
150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 119 2019
AC FLS EA SS KR
DATE JUN 18 2020

Revision Schedule

#	Description	Date

A. GENERAL INFORMATION/SYSTEM INFORMATION	
01 Water Heater System Name:	COMMERCIAL ELECTRIC WATER HEATER
02 Water Heater System Configuration:	SINGLE DWELLING UNIT
03 Water Heater System Type:	DOMESTIC HOT WATER
04 Building Type:	MODULAR BUILDINGS
05 Total Number of Water Heaters in Systems:	1
06 Central DHW Distribution Type:	OTHER
07 Dwelling Unit DHW Distribution Type:	STANDARD DISTRIBUTION SYSTEM (STD)

B. WATER HEATER INFORMATION	
Each water heater type requires a separate compliance document.	
01 Water Heater Type:	SMALL STORAGE - ELECTRIC
02 Fuel Type:	ELECTRICITY
03 Manufacture Name:	AO SMITH
04 Model Number:	DURA-POWER DEL-6 AND DURA-POWER DEL-10
05 Number of Identical Water Heaters:	
06 Installed Water Heater System Efficiency:	
07 Required Minimum Efficiency:	
08 Standby Loss Percent or Standby Loss Total:	
09 Rated Input:	
10 Pilot Energy:	0
11 Water Heater Tank Storage Volume:	6 AND 10 GALLONS
12 Exterior Insulation on Water Heater:	NA
13 Volume of Supplemental Storage:	NA
14 Internal Insulation on Supplemental Storage:	
15 Exterior Insulation on Supplemental Storage:	

C. PLUMBING COMPLIANCE FORMS & WORKSHEETS			
Check box if worksheet is included.			
For detailed instructions on the use of this and all Energy Standards compliance documents, refer to the 2016 Nonresidential Manual			
Note: The Enforcement Agency may require all compliance documents to be incorporated onto the building plans.			
YES	NO	Doc/Worksheet #	Title
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-PLB-01-E	Certificate of Compliance, Declaration. Required on plans for all submittals.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCI-PLB-01-E	Certificate of Installation. Required on plans for all submittals.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCI-PLB-02-E	Certificate of Installation, required on central systems in high-rise residential, hotel/motel application.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCI-PLB-03-E	Certificate of Installation, required on single dwelling unit systems in high-rise residential, hotel/motel application.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCI-PLB-21-H	Certificate of Installation, required on HERS verified central systems in high-rise residential, hotel/motel application.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCI-PLB-22-H	Certificate of Installation, required on HERS verified single dwelling unit systems in high-rise residential, hotel/motel application.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCI-STH-01-E	Certificate of Installation, required on any solar water heating.

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
1. I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name: RALPH M. TAVARES	Documentation Author Signature: <i>Ralph M. Tavares</i>
Company: R&S TAVARES ASSOCIATES	Signature Date: 09/04/2018
Address: 11777 BERNARDO PLAZA COURT SUITE 105	CEA/HERS Certification Identification (if applicable):
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	Responsible Designer Signature: <i>Manny D. Frisch</i>
Company: R&S TAVARES ASSOCIATES	Date Signed: 09/04/2018
Address: 11777 BERNARDO PLAZA COURT SUITE 105	License: 53380
City/State/Zip: SAN DIEGO / CA / 92128	Phone: 858-444-3344 EXT 1810

A. GENERAL INFORMATION/SYSTEM INFORMATION	
01 Water Heater System Name:	ELECTRIC TANKLESS HOT WATER HEATER
02 Water Heater System Configuration:	SINGLE DWELLING UNIT
03 Water Heater System Type:	DOMESTIC HOT WATER
04 Building Type:	MODULAR BUILDINGS
05 Total Number of Water Heaters in Systems:	1
06 Central DHW Distribution Type:	OTHER
07 Dwelling Unit DHW Distribution Type:	STANDARD DISTRIBUTION SYSTEM (STD)

B. WATER HEATER INFORMATION	
Each water heater type requires a separate compliance document.	
01 Water Heater Type:	INSTANTANEOUS SMALL - ELECTRIC
02 Fuel Type:	ELECTRICITY
03 Manufacture Name:	EEMAX
04 Model Number:	SP3012
05 Number of Identical Water Heaters:	
06 Installed Water Heater System Efficiency:	
07 Required Minimum Efficiency:	
08 Standby Loss Percent or Standby Loss Total:	
09 Rated Input:	
10 Pilot Energy:	0
11 Water Heater Tank Storage Volume:	TANKLESS
12 Exterior Insulation on Water Heater:	NA
13 Volume of Supplemental Storage:	NA
14 Internal Insulation on Supplemental Storage:	
15 Exterior Insulation on Supplemental Storage:	

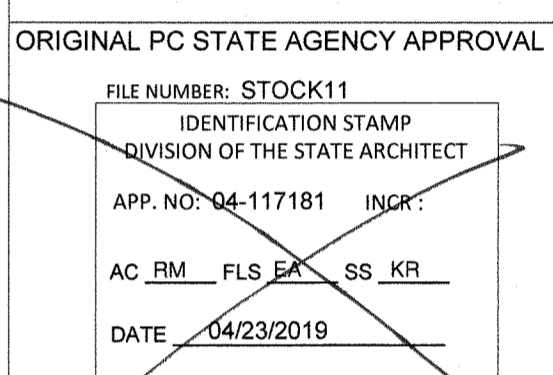
C. PLUMBING COMPLIANCE FORMS & WORKSHEETS			
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Note: The Enforcement Agency may require all compliance documents to be incorporated onto the building plans.			
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<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCI-PLB-21-H	Certificate of Installation, required on HERS verified central systems in high-rise residential, hotel/motel application.
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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
1. I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name: RALPH M. TAVARES	Documentation Author Signature: <i>Ralph M. Tavares</i>
Company: R&S TAVARES ASSOCIATES	Signature Date: 09/04/2018
Address: 11777 BERNARDO PLAZA COURT SUITE 105	CEA/HERS Certification Identification (if applicable):
City/State/Zip: SAN DIEGO / CA / 92128	Phone: 858-444-3344 EXT 1801

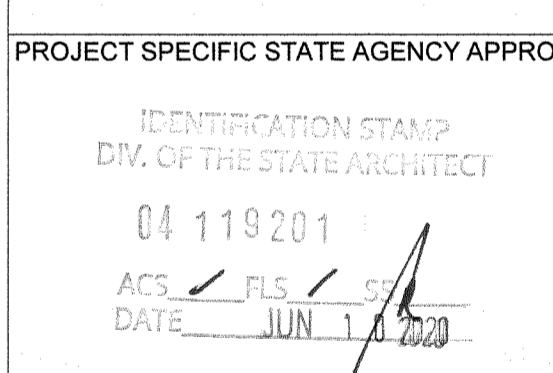
RESPONSIBLE PERSON'S DECLARATION STATEMENT	
I certify the following under penalty of perjury, under the laws of the State of California:	
1. The information provided on this Certificate of Compliance is true and correct.	
2. I am eligible under Division 3 of the Business and Professions Code to accept 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	Responsible Designer Signature: <i>Manny D. Frisch</i>
Company: R&S TAVARES ASSOCIATES	Date Signed: 09/04/2018
Address: 11777 BERNARDO PLAZA COURT SUITE 105	License: 53380
City/State/Zip: SAN DIEGO / CA / 92128	Phone: 858-444-3344 EXT 1810



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PROJECT TITLE
 30' x 32'
 EXPANDABLE TO
 150' x 32'



Revision Schedule		
#	Description	Date

SHEET TITLE
 TITLE 24
 NRCC-PLB-01-E

PROJECT NUMBER
 17156

DRAWN BY
 rMc/SC

CHECKED BY
 JA/RT

DATE
 10.12.2018

SHEET NO.
M2.4

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

ORIGINAL PC STATE AGENCY APPROVAL

FILE NUMBER: STOCK11
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APP. NO: 04-117181 INCR:
 AC_RM_FLS_EA_SS_KR
 DATE 04/23/2019

PROJECT TITLE
**30' x 32'
 EXPANDABLE TO
 150' x 32'**

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 119201
 ACS_FLS_DS
 DATE JUN 1 9 2019

Revision Schedule
 # Description Date

SHEET TITLE
**MECHANICAL
 CEILING PLAN
 30x32**

PROJECT NUMBER
 17156

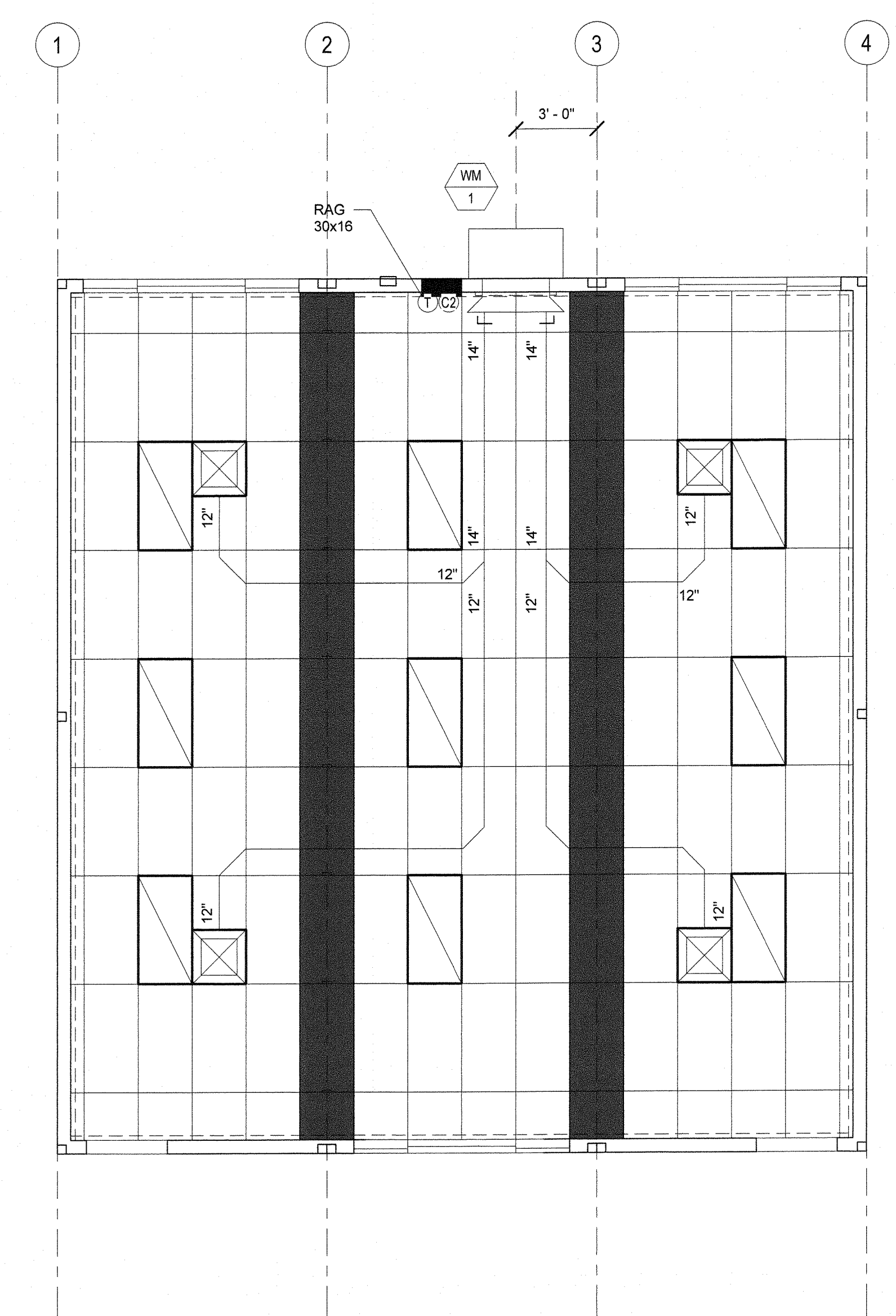
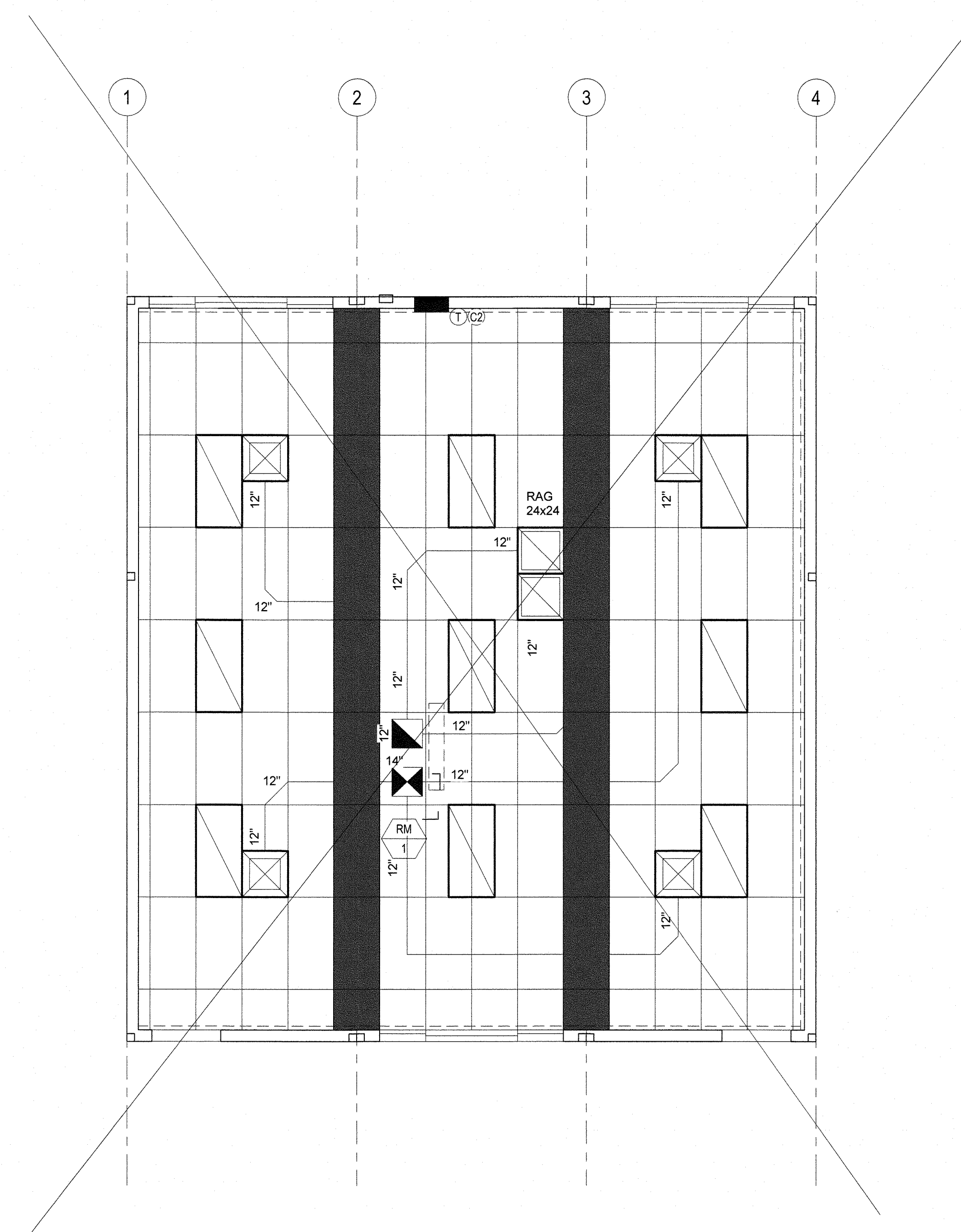
DRAWN BY
 rMc/SC

CHECKED BY
 JA/RT

DATE
 10.12.2018

SHEET NO.
M6.1

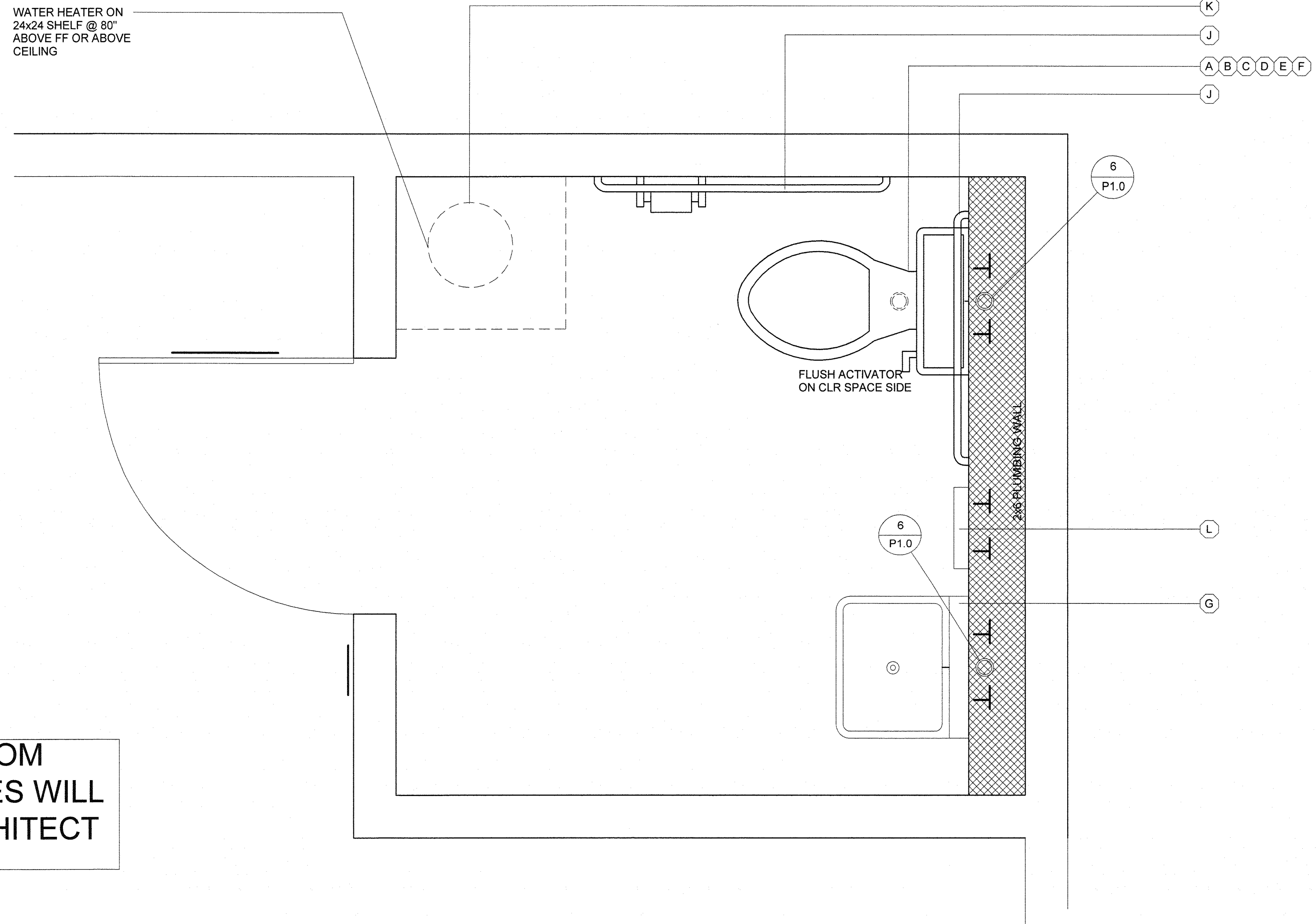
SHEET OF SHEETS



SEE ALT SHEETS FOR FLOOR CONFIGURATION

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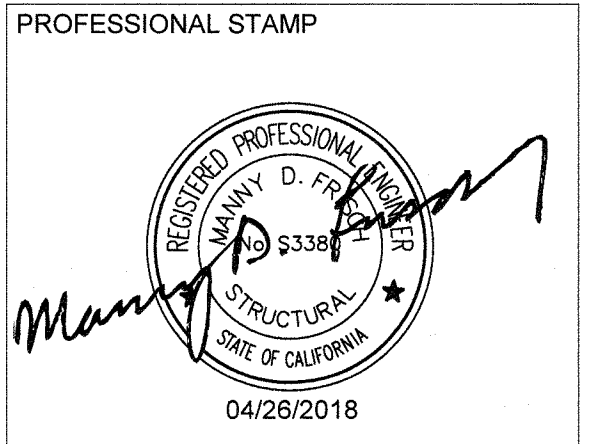
WATER HEATER ON
24x24 SHELF @ 80"
ABOVE FF OR ABOVE
CEILING



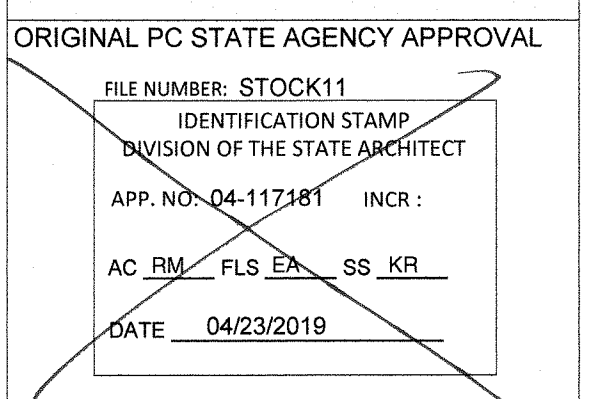
ALL RESTROOM
ACCESSORIES WILL
BE PER ARCHITECT

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 2315.018 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 #NL805IPS 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-6806-1-1/2 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

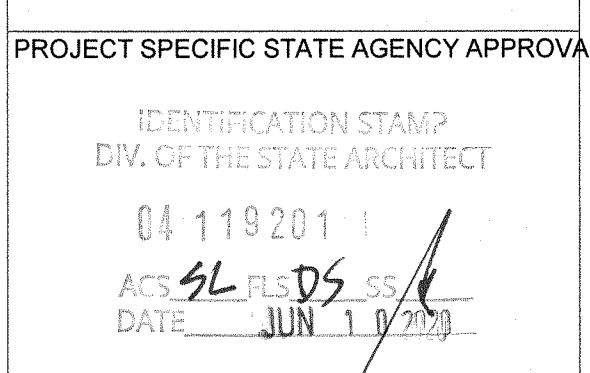
GENERAL NOTE:
UTILITIES THAT SPAN BETWEEN UNITS OR ACROSS SEISMIC SEPARATION JOINTS MUST BE DESIGNED WITH A FLEXIBLE CONNECTION THAT CAN ACCOMMODATE DIFFERENTIAL MOVEMENTS



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PROJECT TITLE
30' x 32'
EXPANDABLE TO
150' x 32'



Revision Schedule		
#	Description	Date

SHEET TITLE
TYPICAL
PLUMBING
DETAILS

PROJECT NUMBER
17156

DRAWN BY
rMc/SC

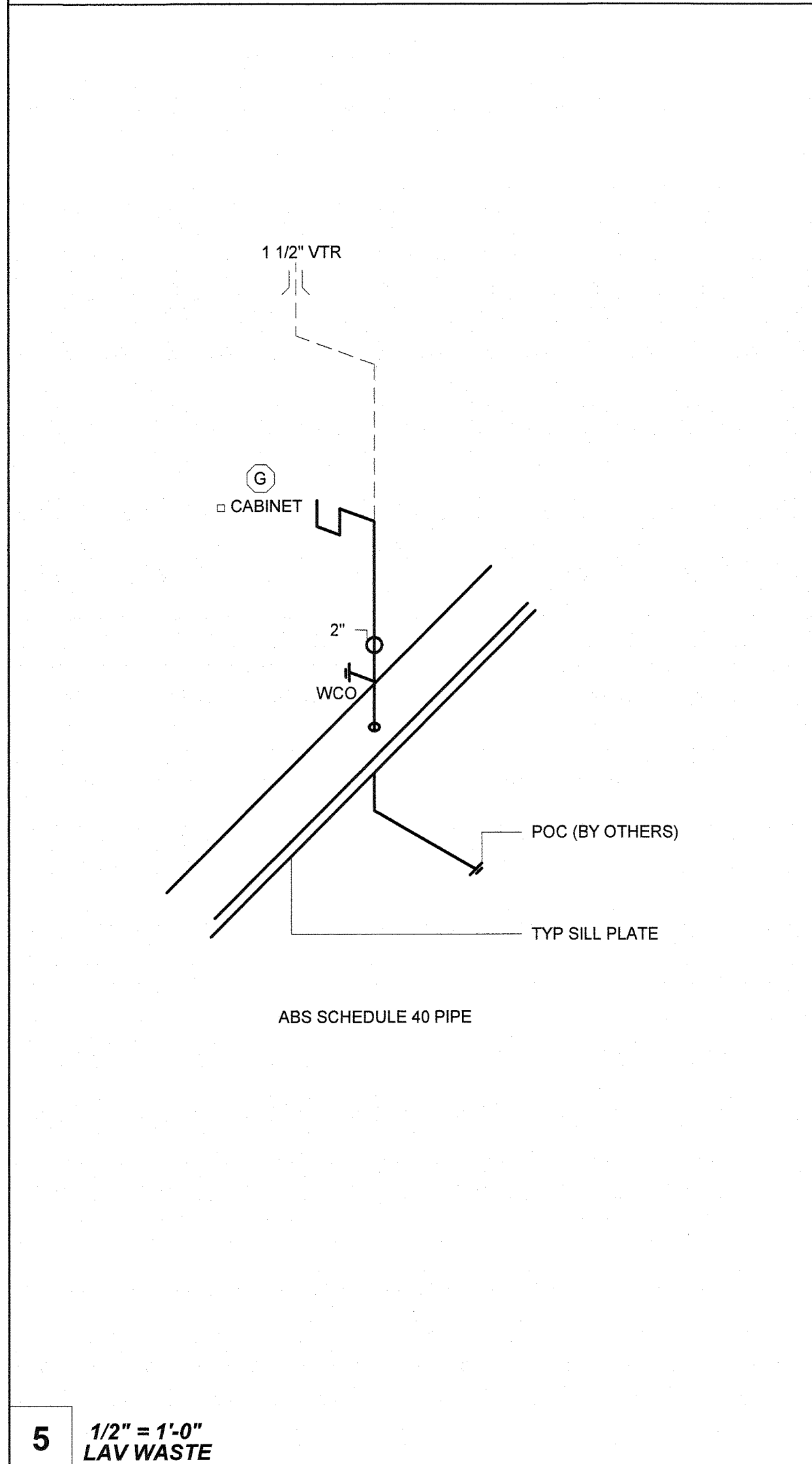
CHECKED BY
JA/RT

DATE
10.12.2018

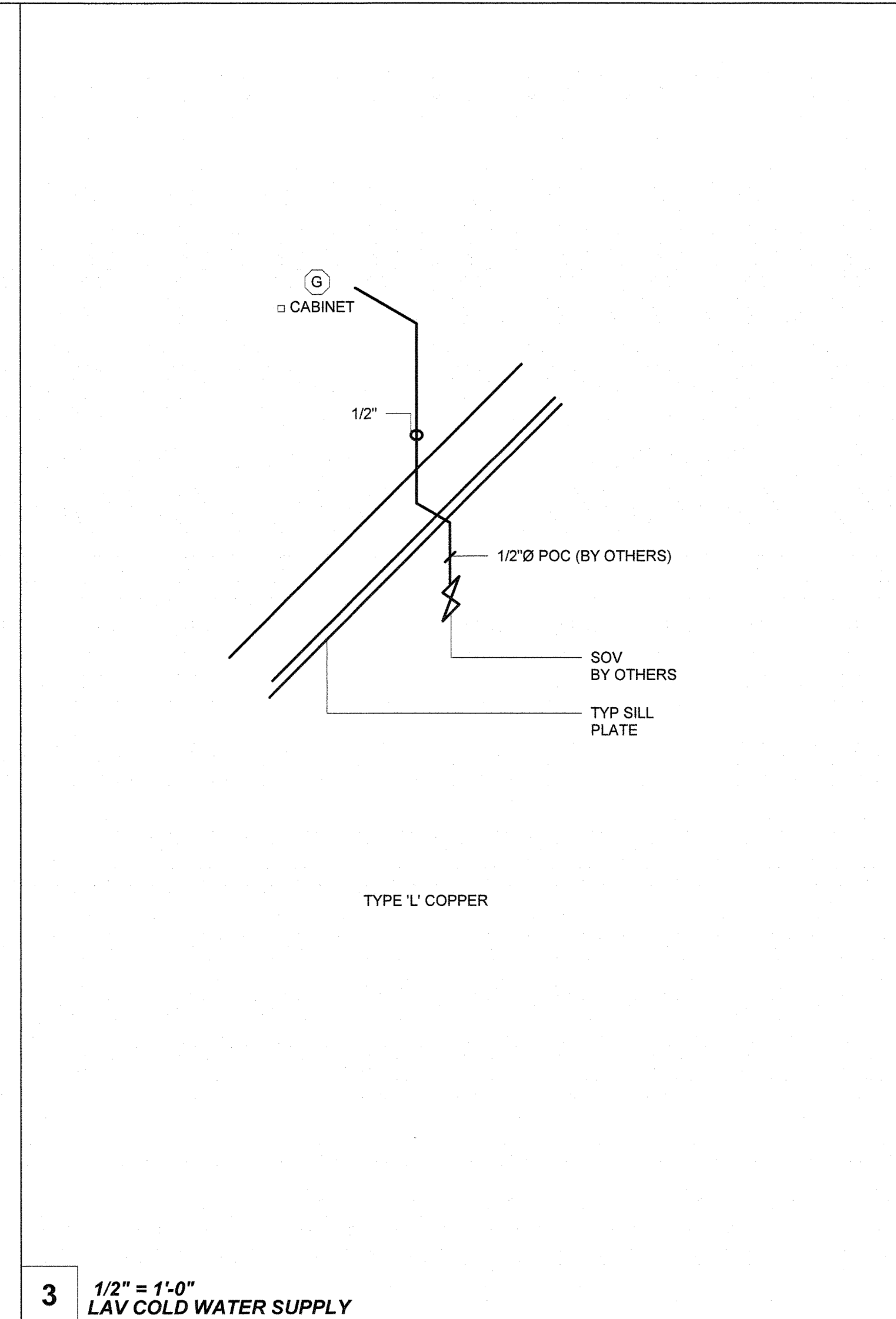
SHEET NO.
P1.0

SHEET OF SHEETS

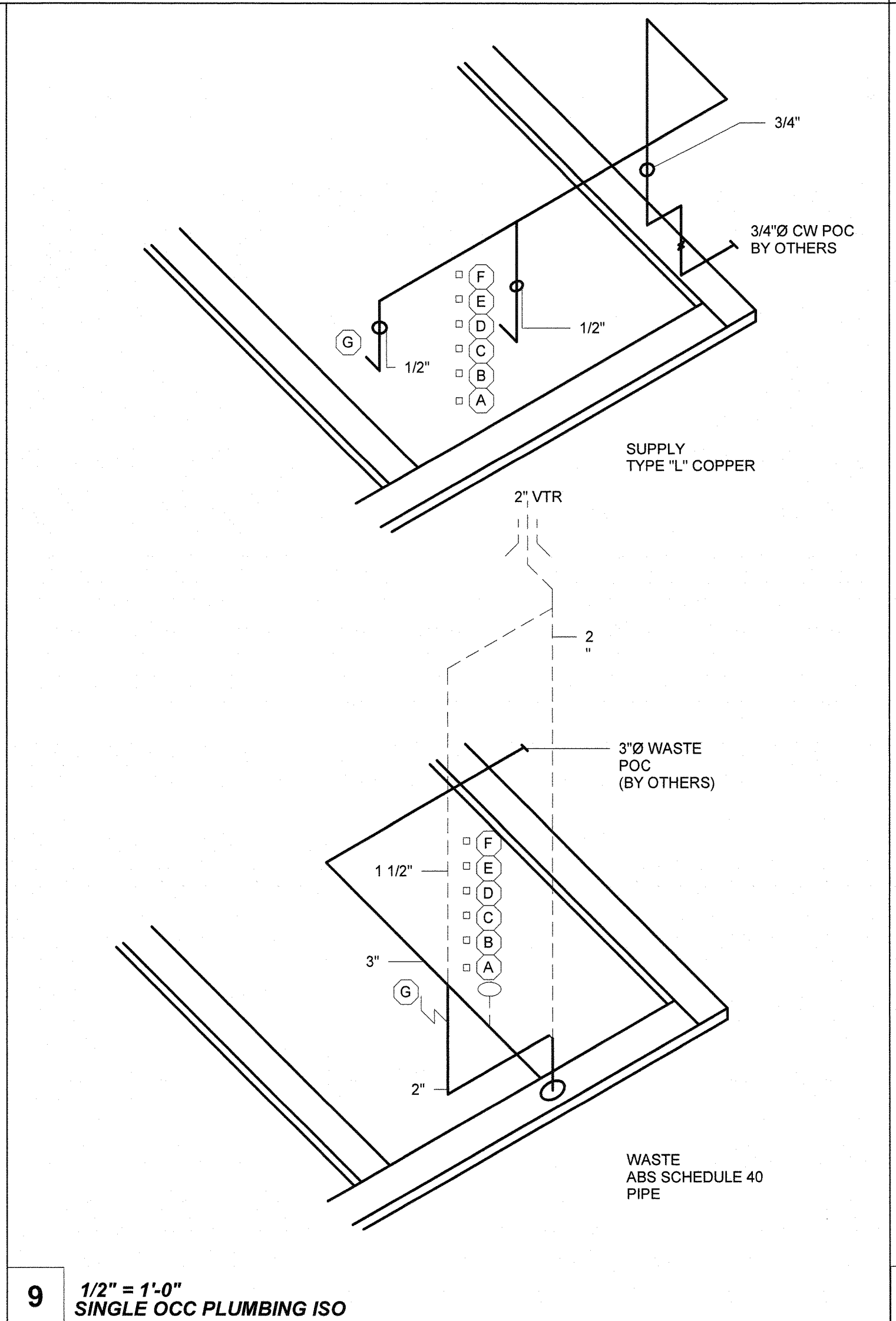
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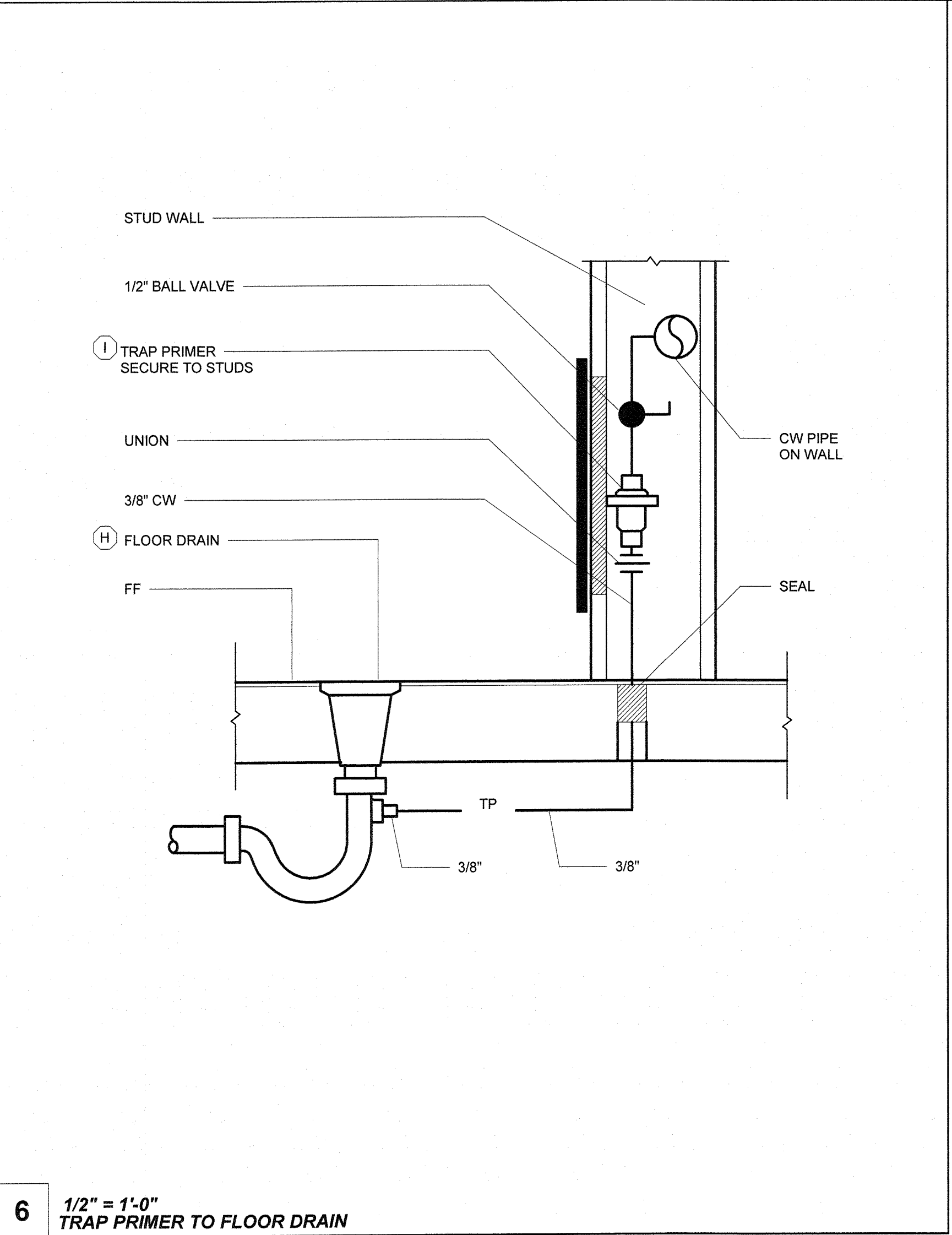
5 1/2" = 1'-0" LAV WASTE



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



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

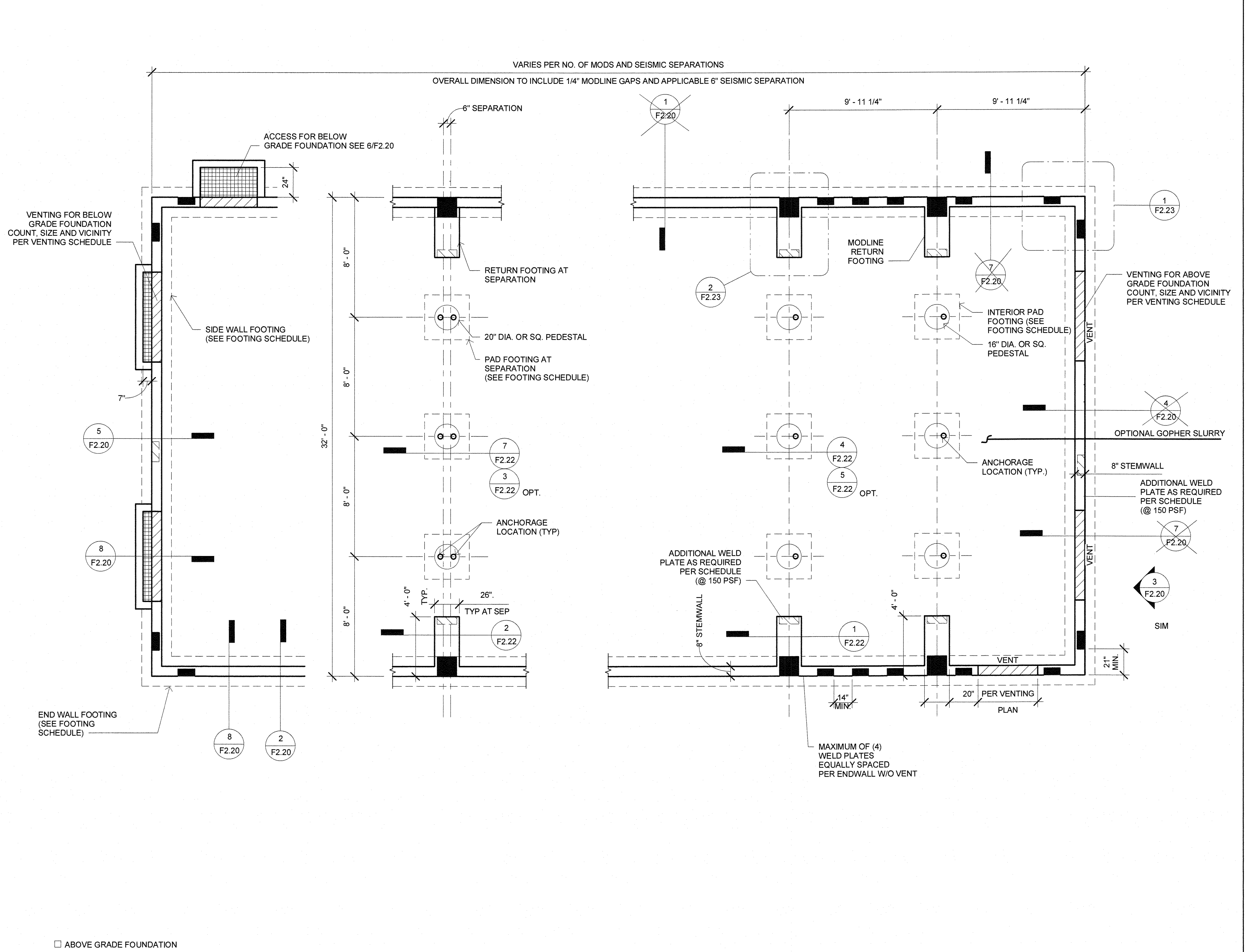


6 1/2" = 1'-0" TRAP PRIMER TO FLOOR DRAIN

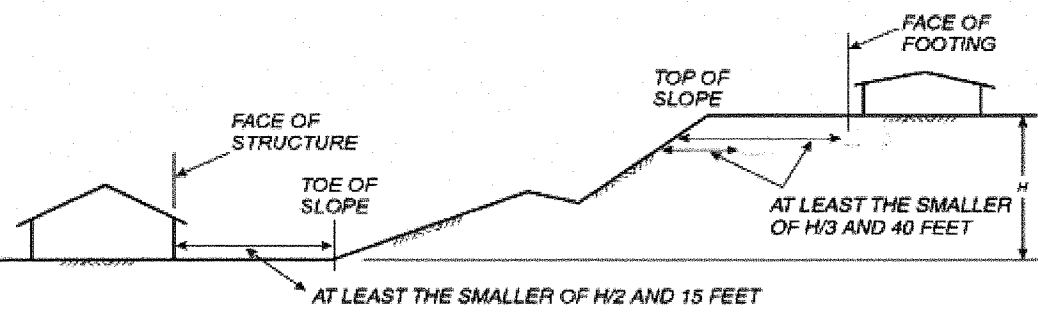
VENTILATION PLAN AND SCHEDULE

VENT "A" 7.83' W x 0.42' H = 3.26 SF
VENT "B" 2.83' W x 1.50' H = 4.25 SF (ACCESS)

<p>VENT AREA REQ = 960 SF = 6.4 SF / 150 VENT AREA AVAIL = (2) 3.26 SF + (1) 4.25 SF = 10.77 SF</p>		<p>VENT AREA REQ = 3200 SF = 21.3 SF / 150 VENT AREA AVAIL = (6) 3.26 SF + (1) 4.25 SF = 23.8 SF</p>
<p>VENT AREA REQ = 1280 SF = 8.6 SF / 150 VENT AREA AVAIL = (2) 3.26 SF + (1) 4.25 SF = 10.77 SF</p>		<p>VENT AREA REQ = 3520 SF = 23.5 SF / 150 VENT AREA AVAIL = (6) 3.26 SF + (1) 4.25 SF = 23.8 SF</p>
<p>VENT AREA REQ = 1600 SF = 10.7 SF / 150 VENT AREA AVAIL = (2) 3.26 SF + (1) 4.25 SF = 10.77 SF</p>		<p>VENT AREA REQ = 3840 SF = 25.6 SF / 150 VENT AREA AVAIL = (6) 3.26 SF + (2) 4.25 SF = 28.0 SF</p>
<p>VENT AREA REQ = 1920 SF = 12.8 SF / 150 VENT AREA AVAIL = (4) 3.26 SF + (1) 4.25 SF = 17.3 SF</p>		<p>VENT AREA REQ = 4160 SF = 27.7 SF / 150 VENT AREA AVAIL = (6) 3.26 SF + (2) 4.25 SF = 28.0 SF</p>
<p>VENT AREA REQ = 2240 SF = 14.9 SF / 150 VENT AREA AVAIL = (4) 3.26 SF + (1) 4.25 SF = 17.3 SF</p>		<p>VENT AREA REQ = 4480 SF = 29.9 SF / 150 VENT AREA AVAIL = (6) 3.26 SF + (2) 4.25 SF = 28.0 SF</p>
<p>VENT AREA REQ = 2560 SF = 17.1 SF / 150 VENT AREA AVAIL = (4) 3.26 SF + (1) 4.25 SF = 17.3 SF</p>		<p>VENT AREA REQ = 4800 SF = 32 SF / 150 VENT AREA AVAIL = (6) 3.26 SF + (2) 4.25 SF = 28.0 SF</p>
<p>VENT AREA REQ = 2880 SF = 19.2 SF / 150 VENT AREA AVAIL = (6) 3.26 SF + (1) 4.25 SF = 23.8 SF</p>		<p>VENT AREA REQ = 4800 SF = 32 SF / 150 VENT AREA AVAIL = (6) 3.26 SF + (2) 4.25 SF = 28.0 SF</p>



- ABOVE GRADE FOUNDATION
- BELOW GRADE FOUNDATION
- 6" SEISMIC SEPARATION



FOOTING SCHEDULE (WOOD FLOOR)

DESIGN FLOOR LIVE LOAD	SIDEWALL FOOTING	ENDWALL FOOTING	INTERIOR PAD FOOTING	PAD FOOTING @ SEPARATION
<input checked="" type="checkbox"/> 50 + 15 PSF	12" WIDE (2) #5 CONT T&B	12" WIDE (2) #5 CONT T&B	3' - 0" SQ (3) #5 EW	3' - 6" SQ (3) #5 EW
<input type="checkbox"/> 100 PSF	12" WIDE (2) #5 CONT T&B	12" WIDE (2) #5 CONT T&B	3' - 0" SQ (3) #5 EW	4' - 0" SQ (4) #5 EW
<input type="checkbox"/> 150 PSF	12" WIDE (2) #5 CONT T&B	14" WIDE (3) #5 CONT T&B	3' - 9" SQ (4) #5 EW	4' - 6" SQ (4) #5 EW

- #### NOTES:
- THE FOUNDATION DESIGN CONSIDERS AN ALLOWABLE SOIL BEARING PRESSURE OF 1,500 PSF FOR LOCATIONS THAT DO NOT REQUIRE A SOILS INVESTIGATION REPORT.
 - DISTRICT SHALL BE RESPONSIBLE IN ISSUING AND CONTRACTING A SOILS INVESTIGATION THROUGH A QUALIFIED GEOTECHNICAL ENGINEER FOR LOCATIONS DEEMED QUALIFIED BY CBC 1803A.2.
 - WELD PLATES SHALL BE PLACED PER PLAN AT 21" MINIMUM FROM BUILDING CORNERS AND 14" MINIMUM FROM ADJACENT WELD PLATE. WELD PLATES WITHIN 21" FROM VENT SHALL REQUIRE REINFORCEMENT HAIRPINNED AROUND THE ANCHOR BOLT CLOSEST TO THE VENT. SEE DETAIL 1/F2.23
 - FOUNDATION OVERALL CONSIDERS A 1/4" GAP AT EVERY MODLINE AND 6" SEISMIC SEPARATION GAP WHEN APPLICABLE.
 - SIZE OF UNDER-FLOOR VENTILATION CONSIDERS A RATIO OF 1:150 FOR THE TOTAL AREA OF OPENINGS TO CRAWL SPACE AREA. CRAWL SPACE AREAS FITTED WITH A VAPOR BARRIER IN ACCORDANCE WITH IBC, 1203.3.2 SHALL BE PERMITTED A RATIO ADJUSTMENT TO 1:1500. VENTILATION OPENING SHALL BE COVERED WITH CORROSION RESISTANT WIRE WITH THE LEAST DIMENSION NOT GREATER THAN 1/8".

FOOTING SCHEDULE (CONCRETE FLOOR)

DESIGN FLOOR LIVE LOAD	SIDEWALL FOOTING	ENDWALL FOOTING	INTERIOR PAD FOOTING	PAD FOOTING @ SEPARATION
<input type="checkbox"/> 50 + 15 PSF	12" WIDE (2) #5 CONT T&B	12" WIDE (2) #5 CONT T&B	3' - 0" SQ (3) #5 EW	3' - 6" SQ (3) #5 EW
<input type="checkbox"/> 100 PSF	12" WIDE (2) #5 CONT T&B	12" WIDE (2) #5 CONT T&B	3' - 3" SQ (3) #5 EW	4' - 0" SQ (4) #5 EW
<input type="checkbox"/> 150 PSF	12" WIDE (2) #5 CONT T&B	14" WIDE (3) #5 CONT T&B	3' - 9" SQ (4) #5 EW	4' - 6" SQ (4) #5 EW

SYMBOLS LEGEND

	L6x4x3/8, 14" LONG WELD PLATE PER SCHEDULE BELOW (SEE 6 / F2.23)
	ADDITIONAL WELD PLATES (FOR 150 PSF OPTION)
	16"x16"x3/8" WELD PLATE, SEE DETAIL 4 / F2.23
	UNDER FLOOR VENTILATION, SEE VENTILATION SCHEDULE

WELD PLATE SCHEDULE

	L6x4x3/8, 14" LONG			16x3/8 SQ PL
	≤ 100 PSF	150 PSF	≤ 150 PSF	
EACH SIDEWALL	2	2	-	
EACH MODLINE	-	2	2	
EACH END-WALL	30x32	4	5	
	40x32	5	7	
	50x32	6	8	
	60x32	7	9	
	70x32	8	11	
	80x32	9	12	
	90x32	10	13	
	100x32	10	15	
	110x32	11	16	
	120x32	12	18	
130x32	13	19		
140x32	14	20		
150x32	15	22		

PROFESSIONAL STAMP

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. ©

CLASS LEASING LLC
1221 Harley Knox Boulevard
Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL

FILE NUMBER: STOCK11
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APP. NO: 04-147181 INCR:
AC: RM FLS: EA: GS: KR
DATE: 04/23/2019

PROJECT TITLE
30' x 32' EXPANDABLE TO 150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 119201
ACS: FLS: 559
DATE: JUN 19 2022

#	Revision Schedule Description	Date

SHEET TITLE
CONCRETE FOUNDATION PLAN

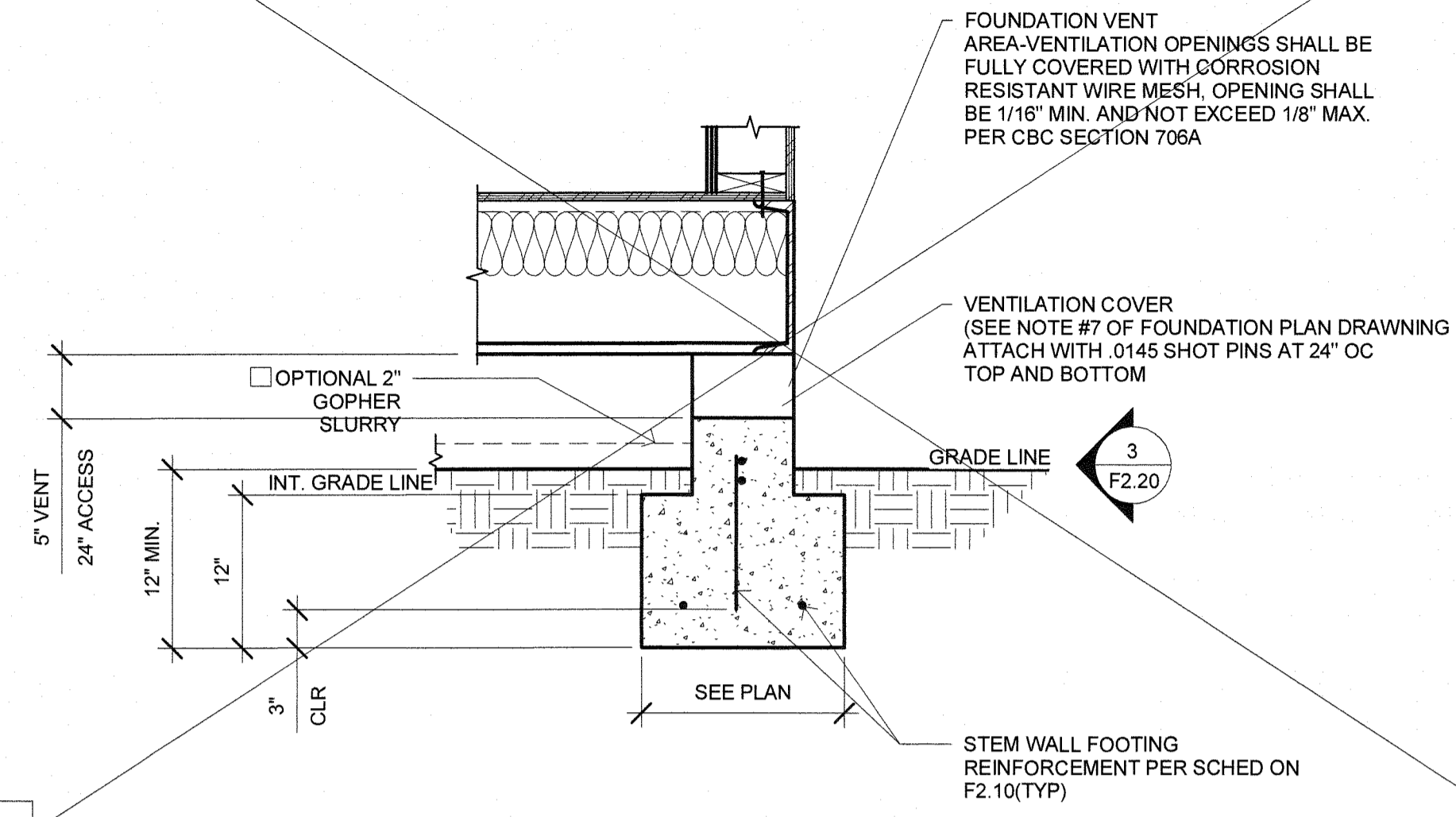
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17156

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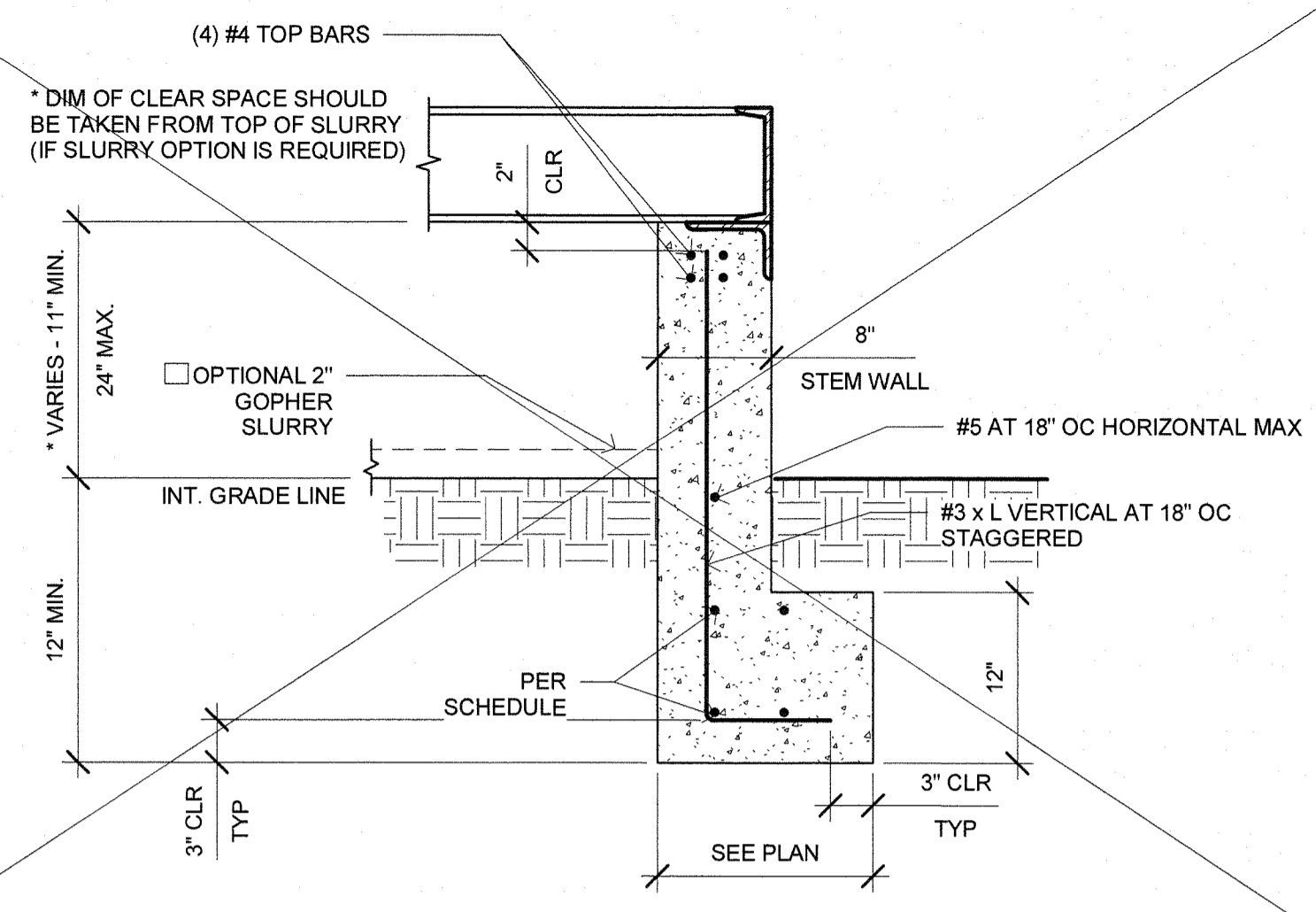
CHECKED BY
JA/RT

DATE
10.12.2018

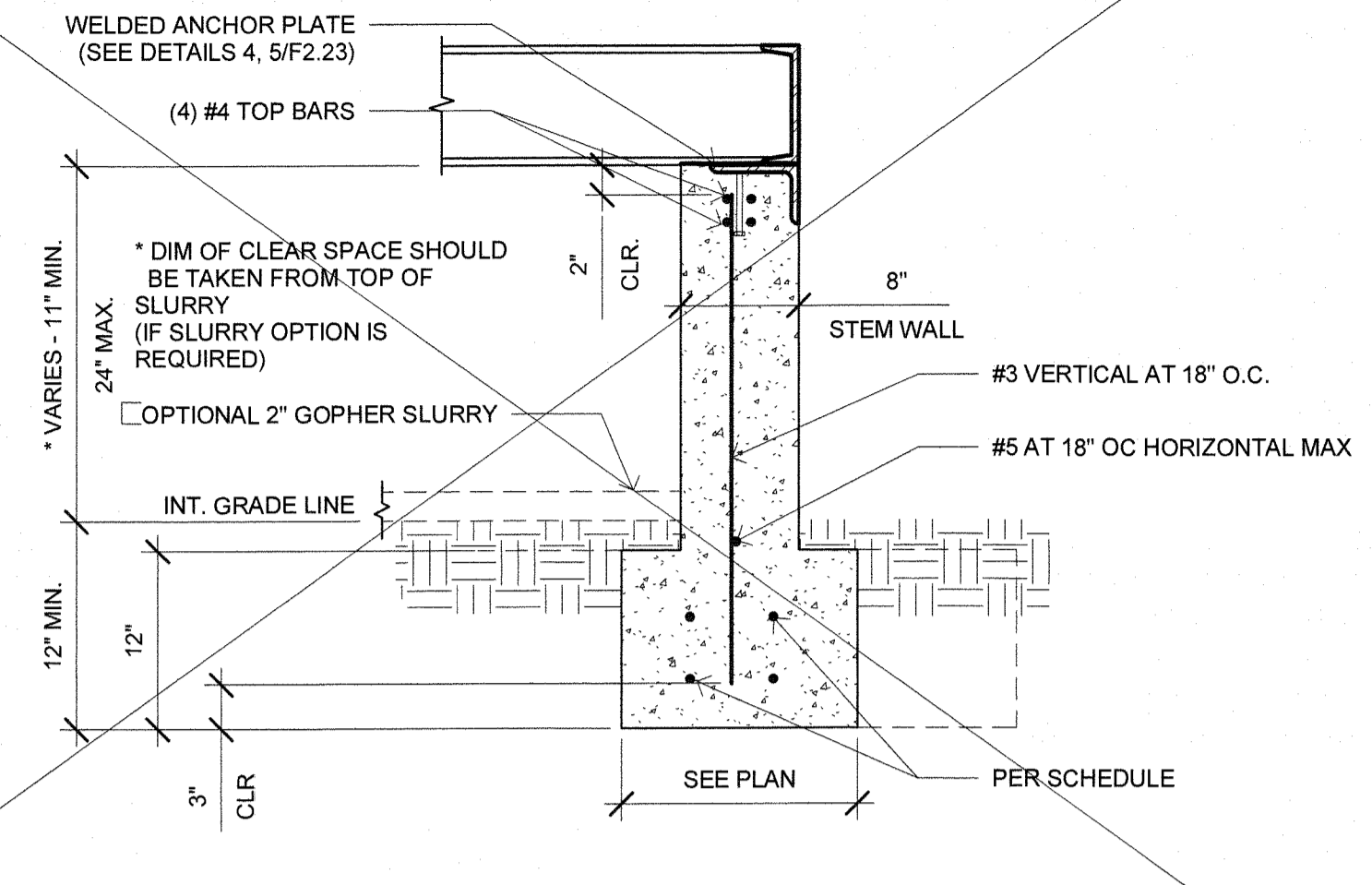
SHEET NO.
F2.10



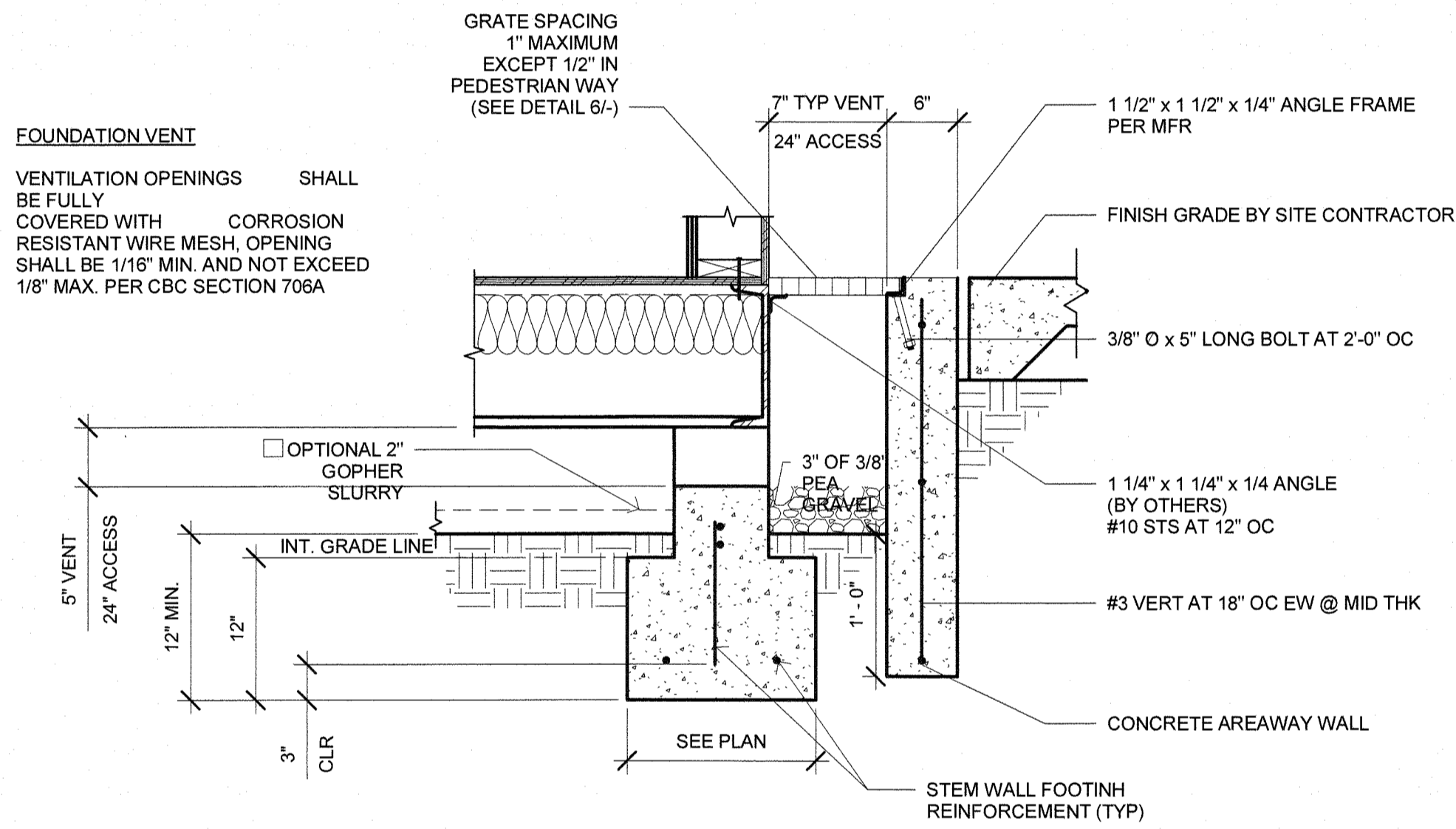
7 1" = 1'-0" VENT/ACCESS SECTION, ABOVE GRADE



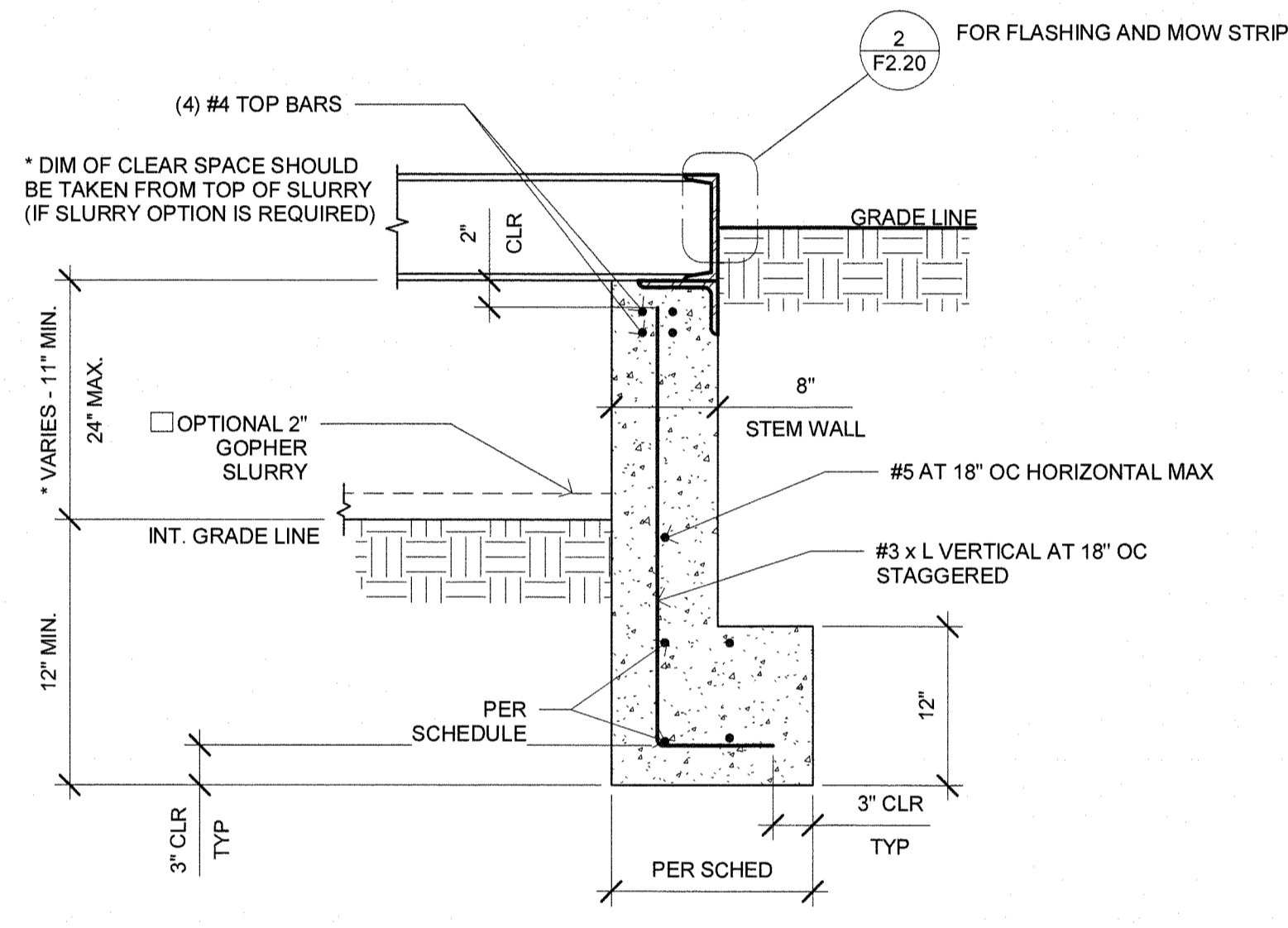
4 1" = 1'-0" SIDE WALL FOOTING, ABOVE GRADE



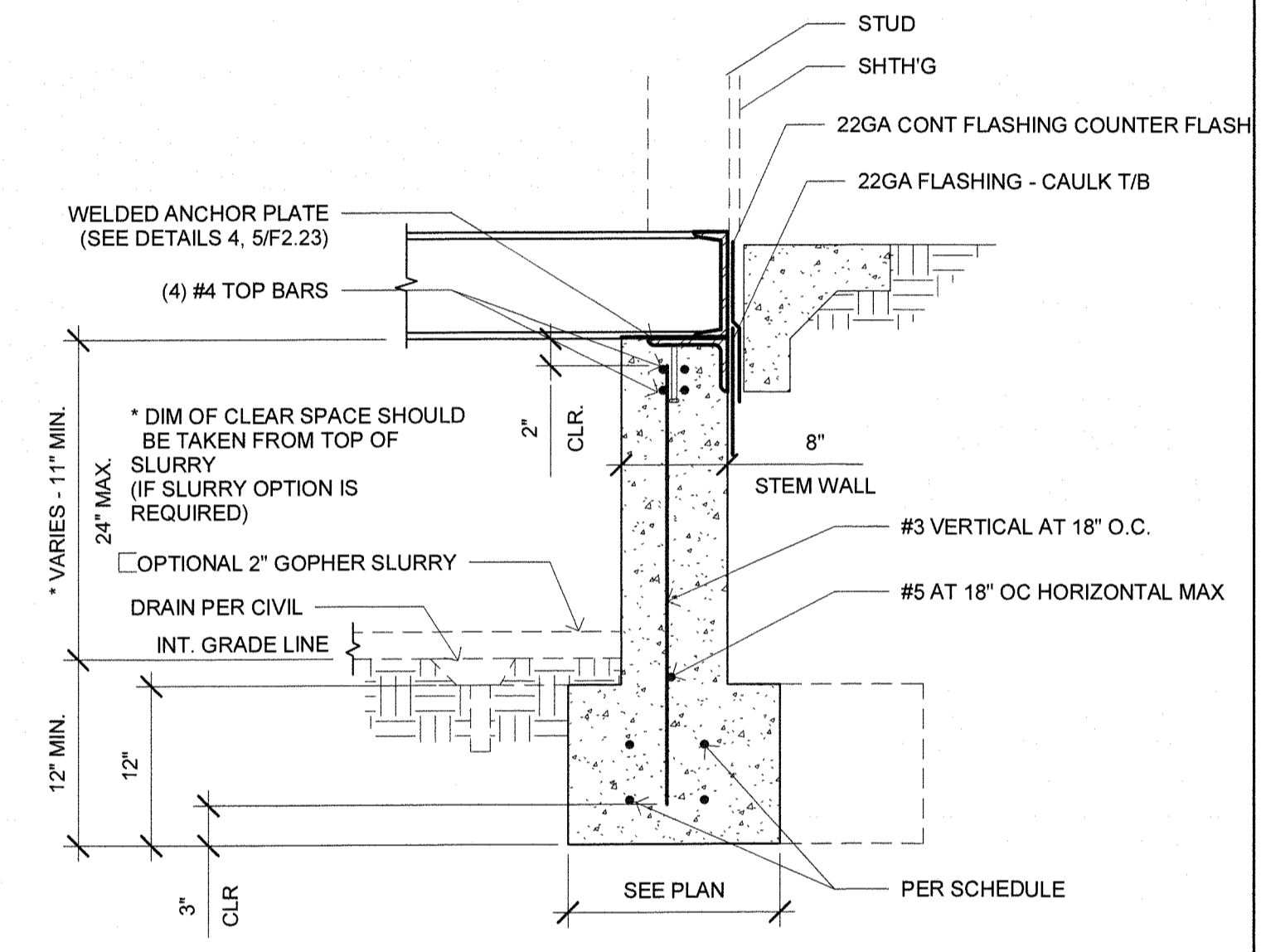
1 1" = 1'-0" END WALL FOOTING, ABOVE GRADE



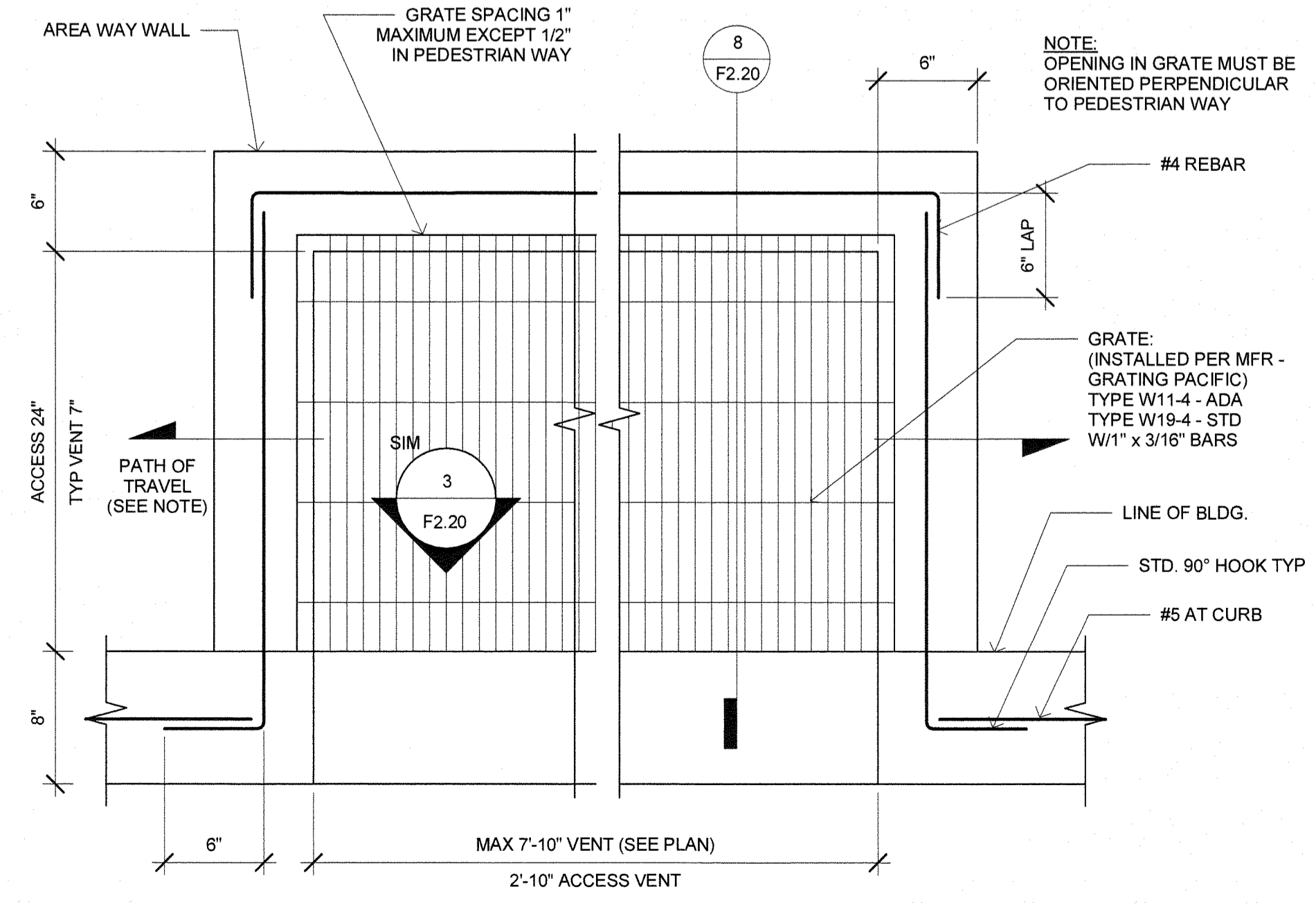
8 1" = 1'-0" VENT/ACCESS SECTION, BELLOW GRADE



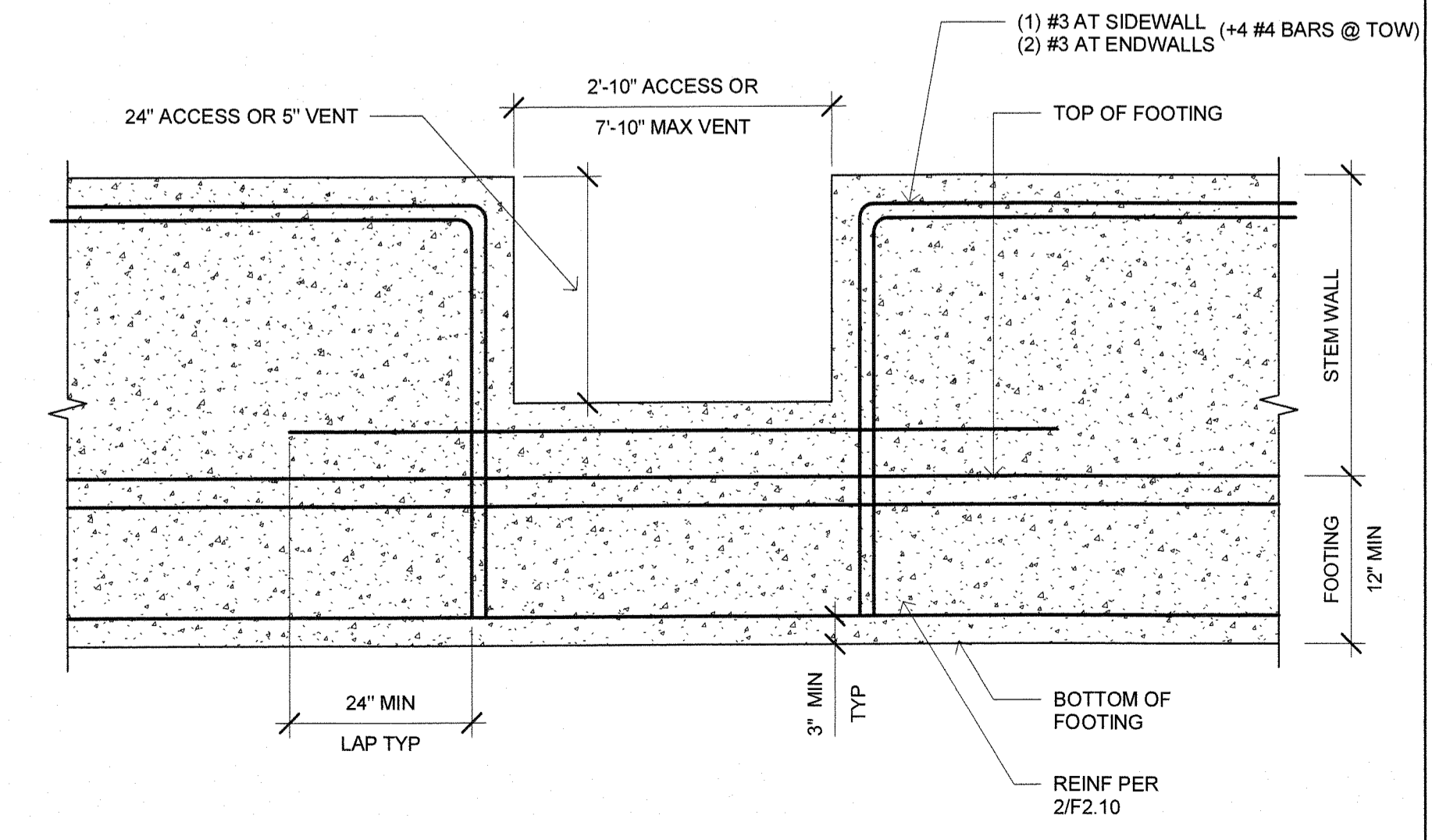
5 1" = 1'-0" SIDE WALL FOOTING, BELLOW GRADE



2 1" = 1'-0" END WALL FOOTING, BELLOW GRADE



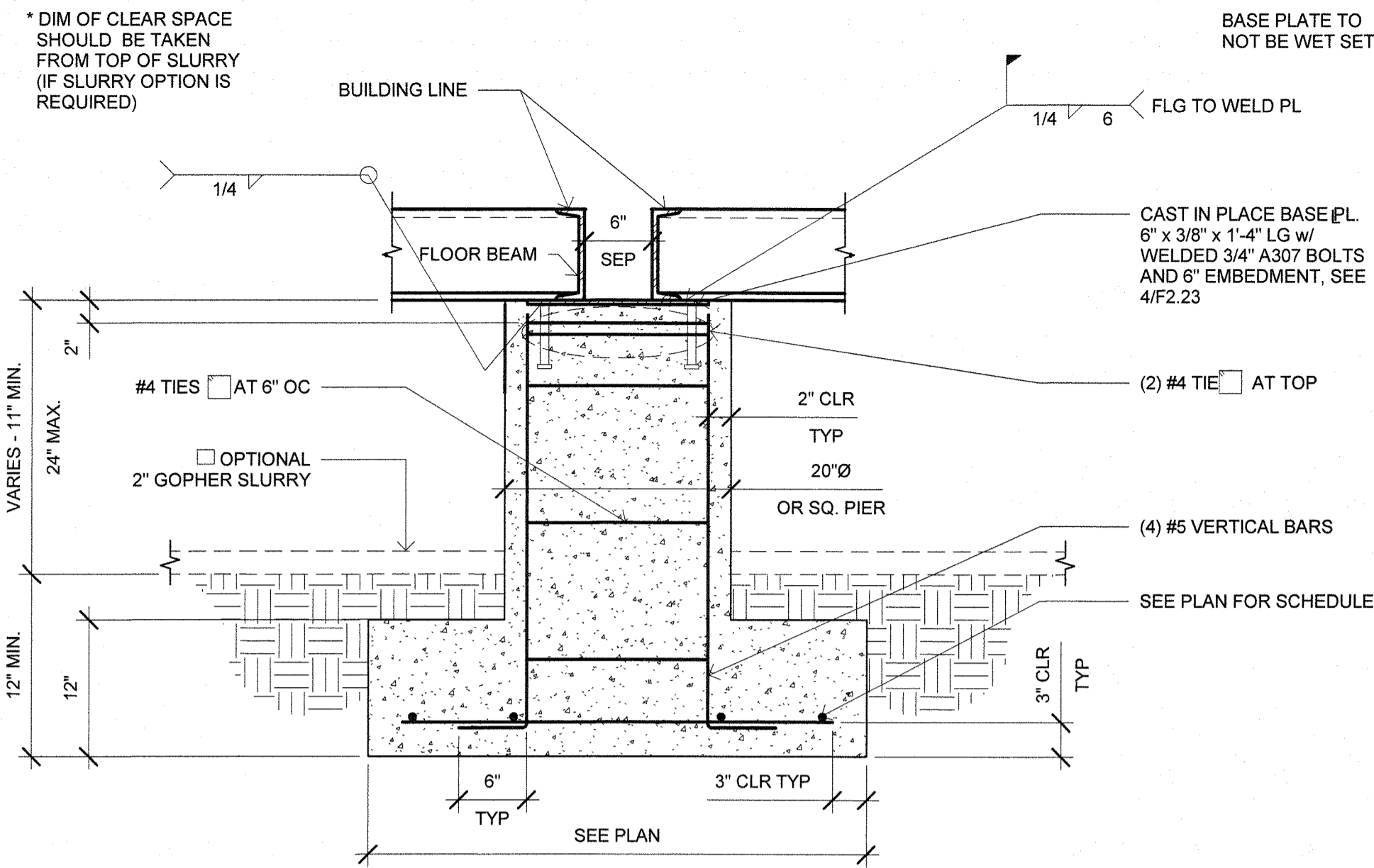
6 1 1/2" = 1'-0" ACCESS VENT FOR BELLOW GRADE FOUNDATION



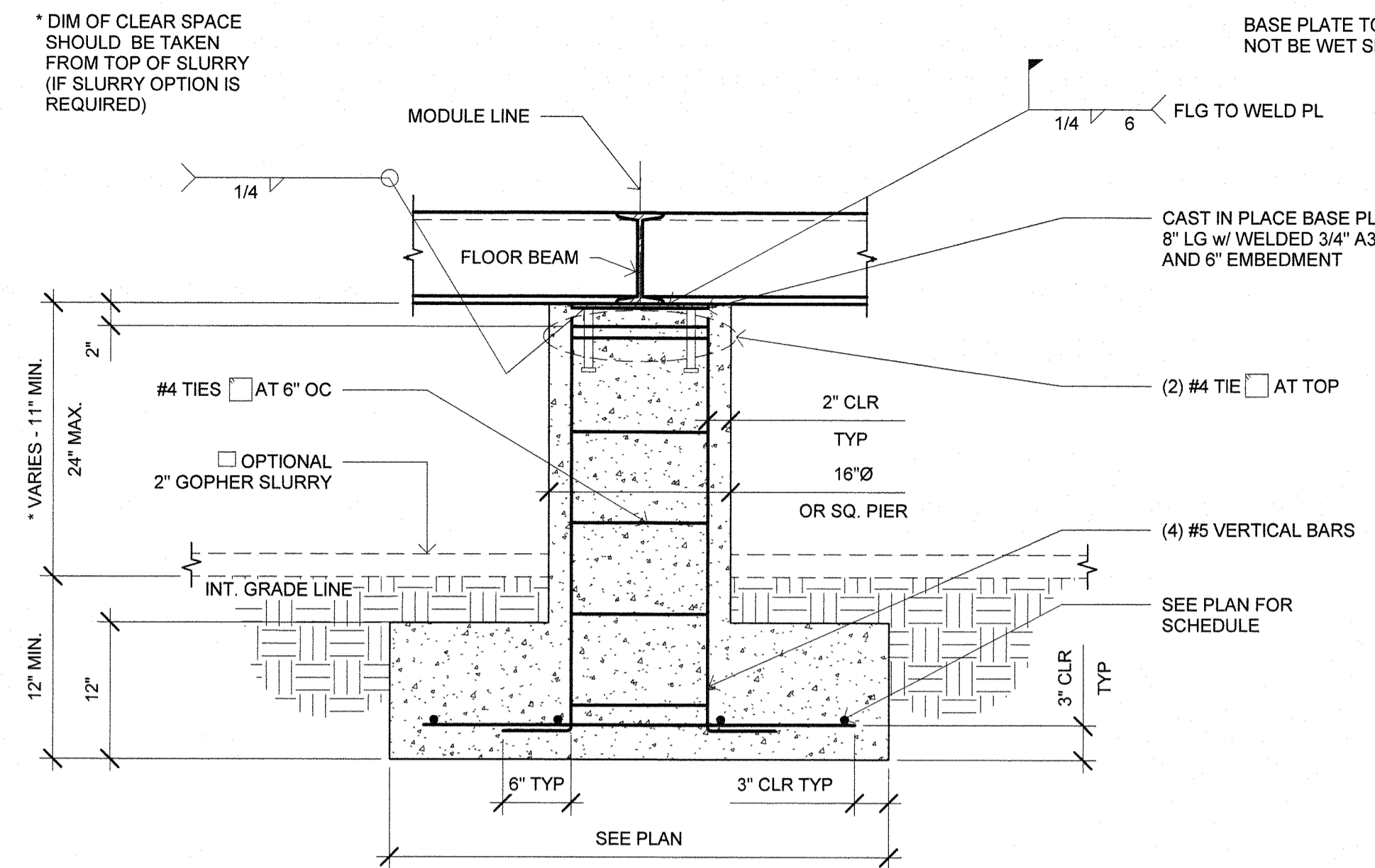
3 3/4" = 1'-0" VENT OPENING

Revision Schedule

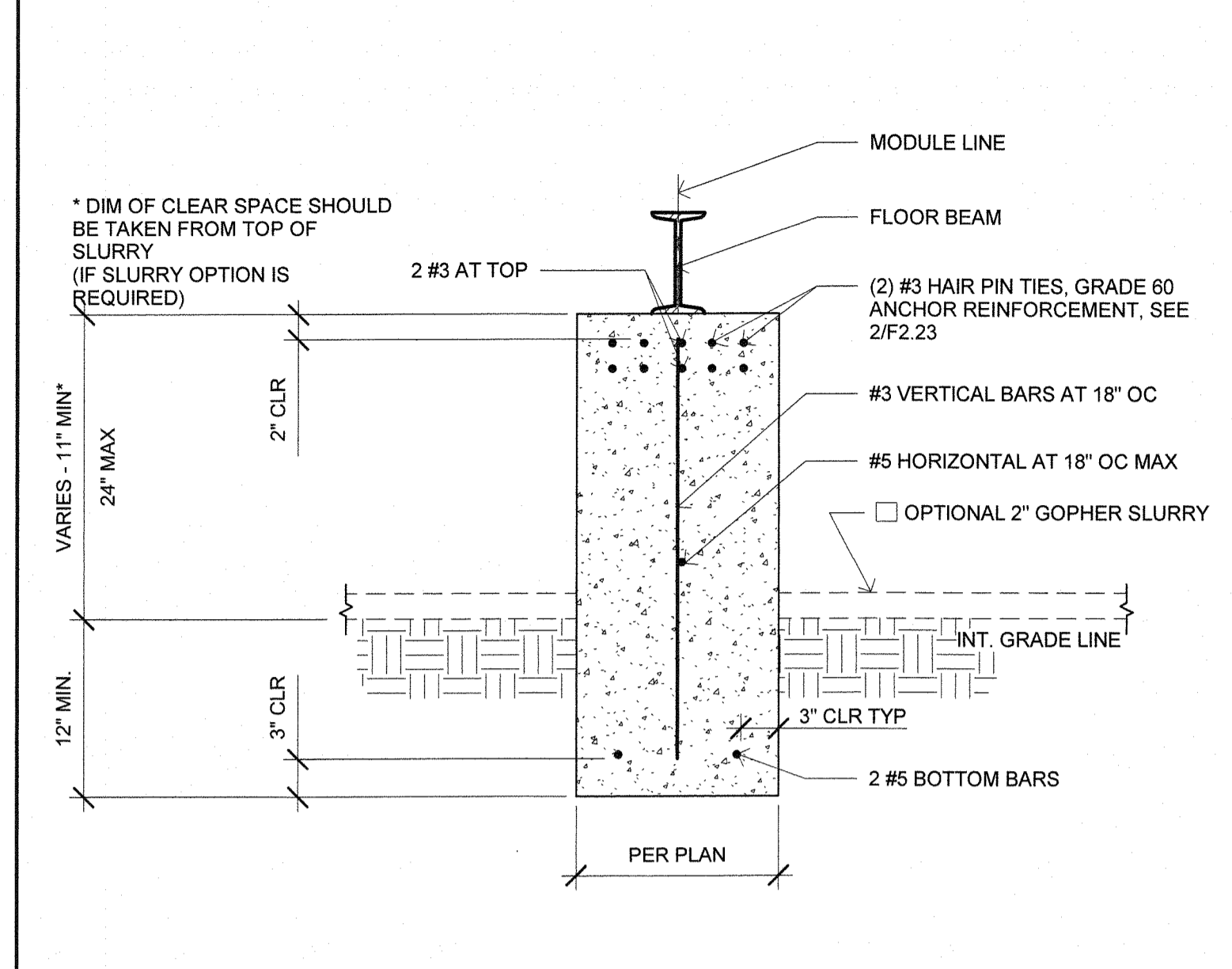
#	Description	Date



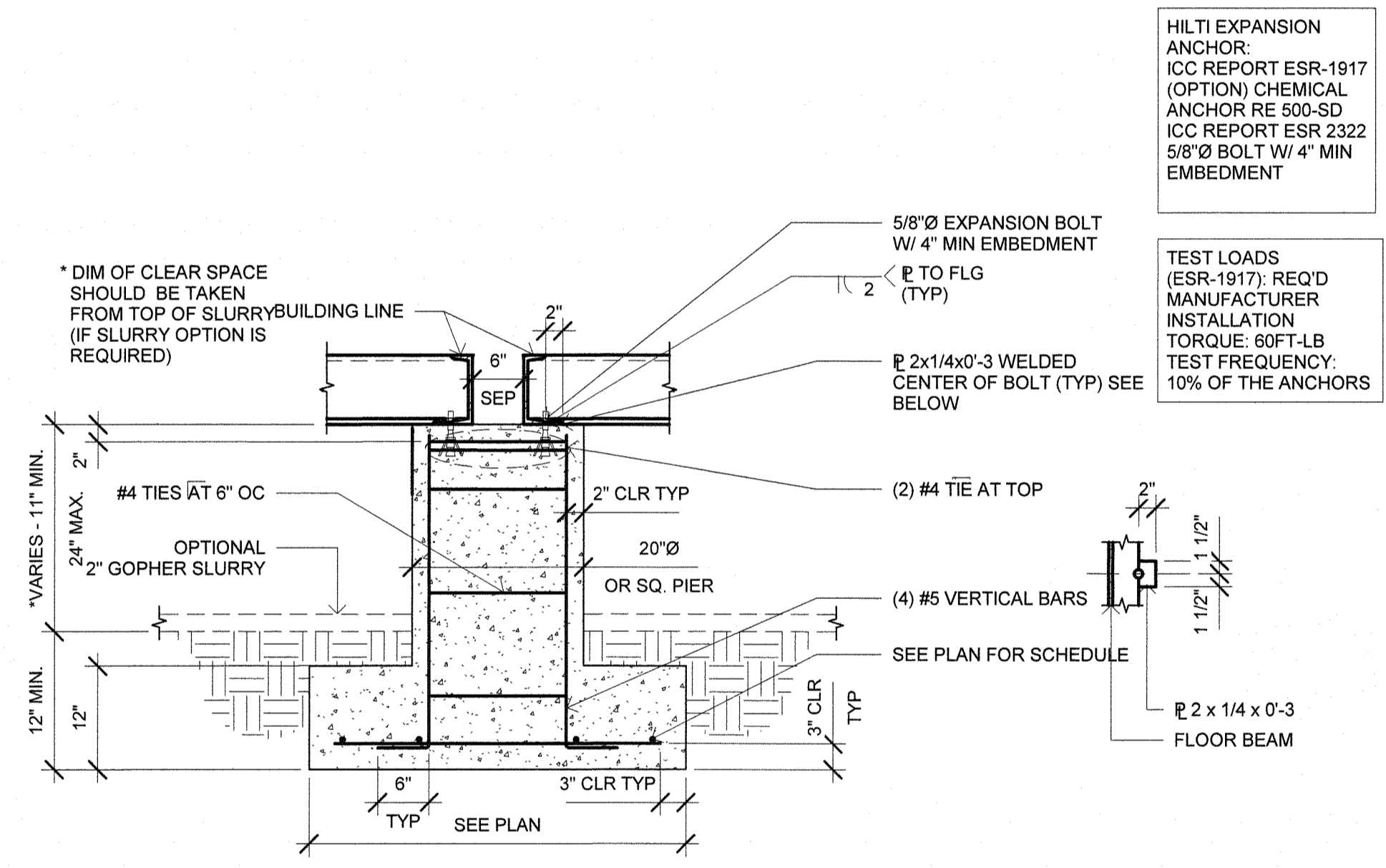
7 1" = 1'-0"
INTERIOR PAD FOOTING (AT SEPARATION)



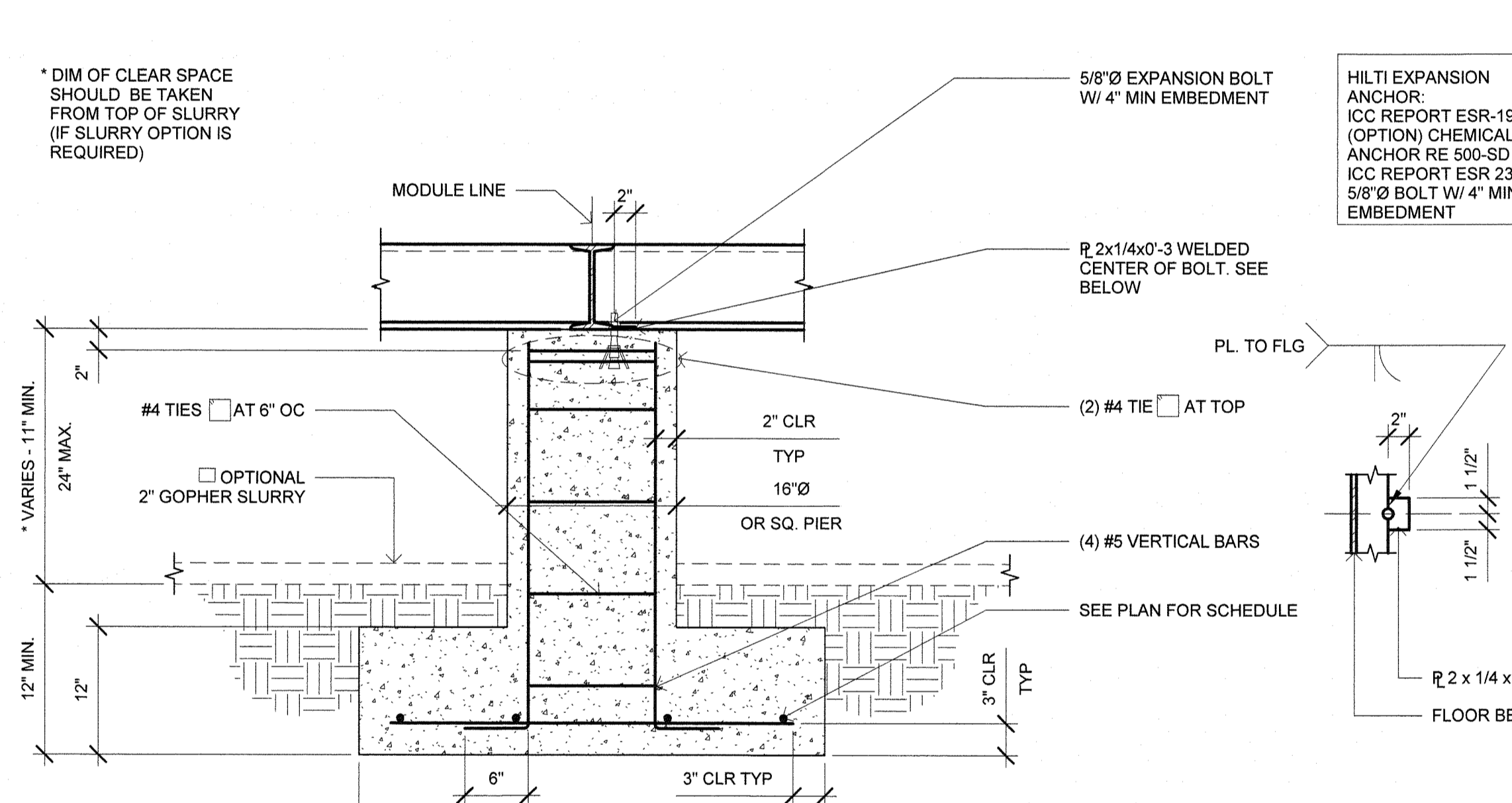
4 1" = 1'-0"
INTERIOR PAD FOOTING (ATTACHMENT AT PLATE)



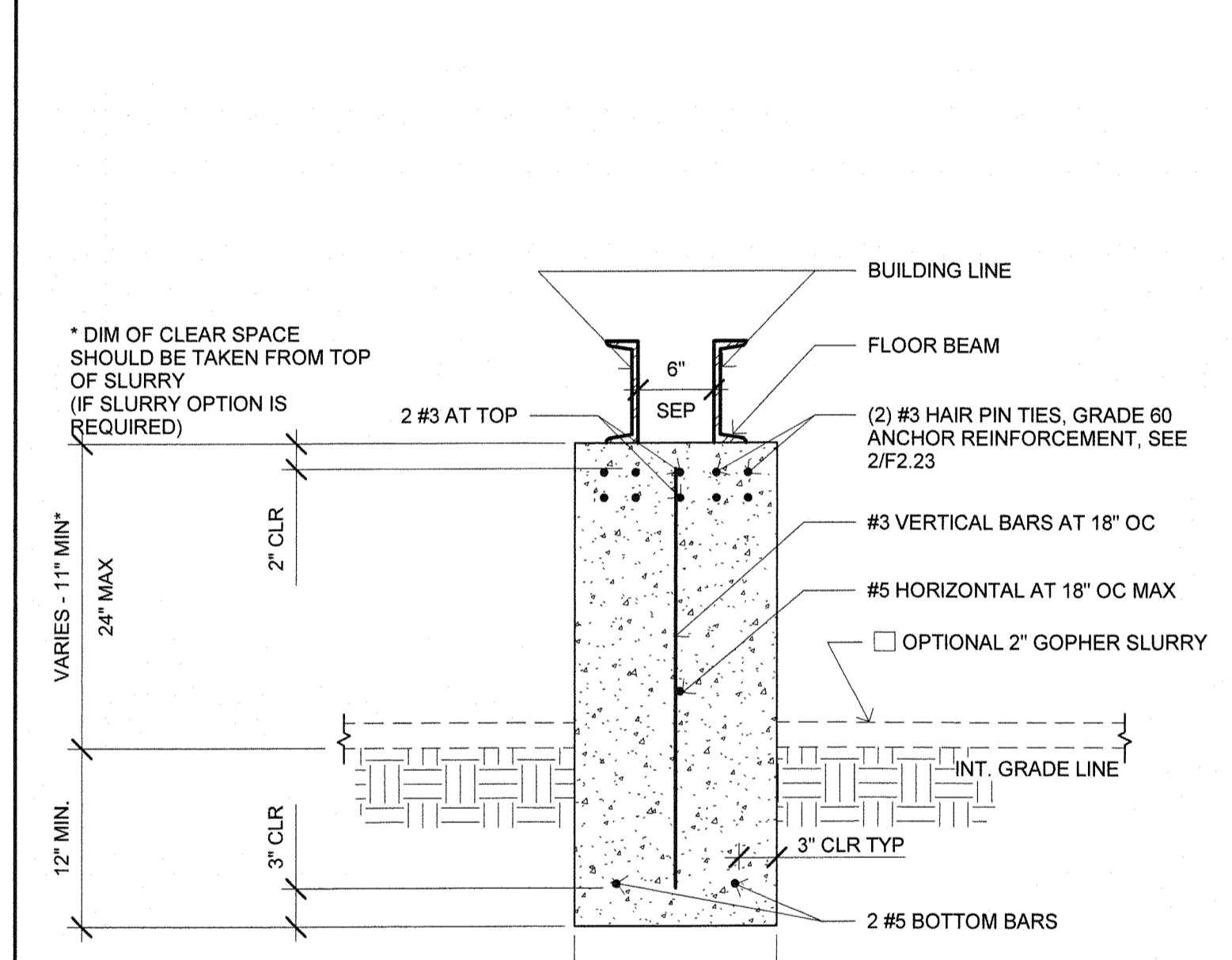
1 1" = 1'-0"
INTERIOR RETURN FOOTING



3 3/4" = 1'-0"
OPT. INTERIOR PAD FOOTING (AT SEPARATION)

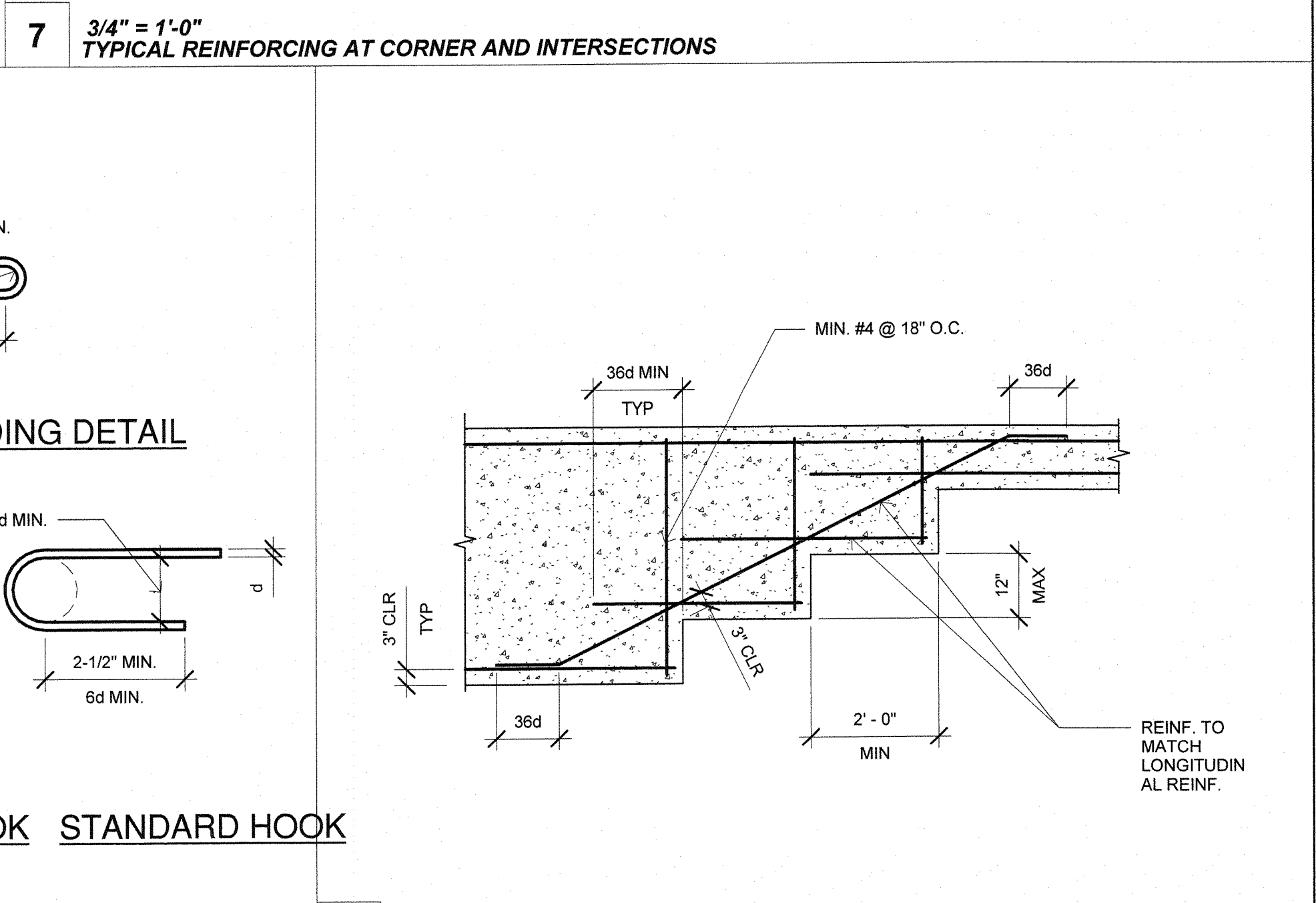
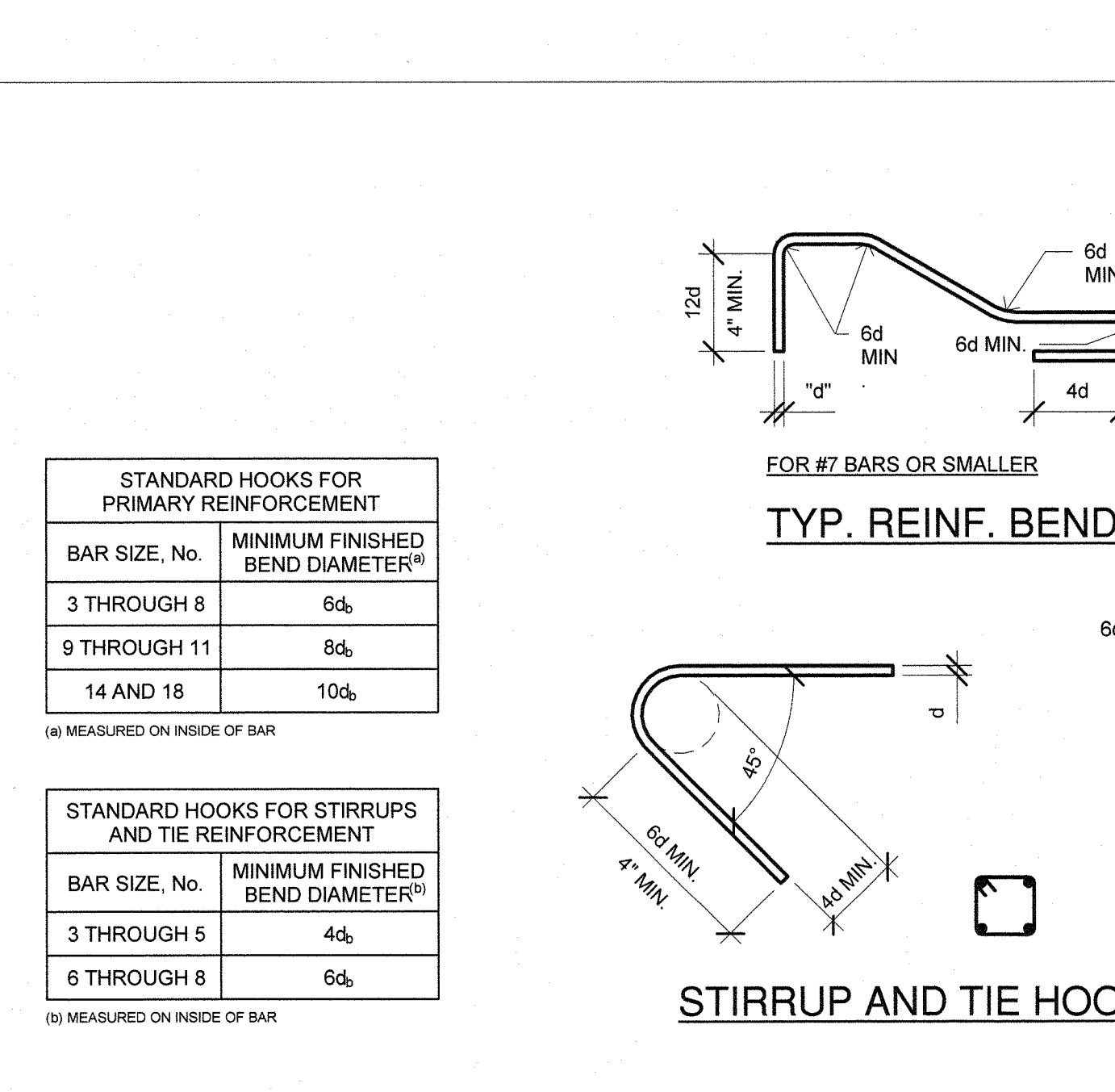
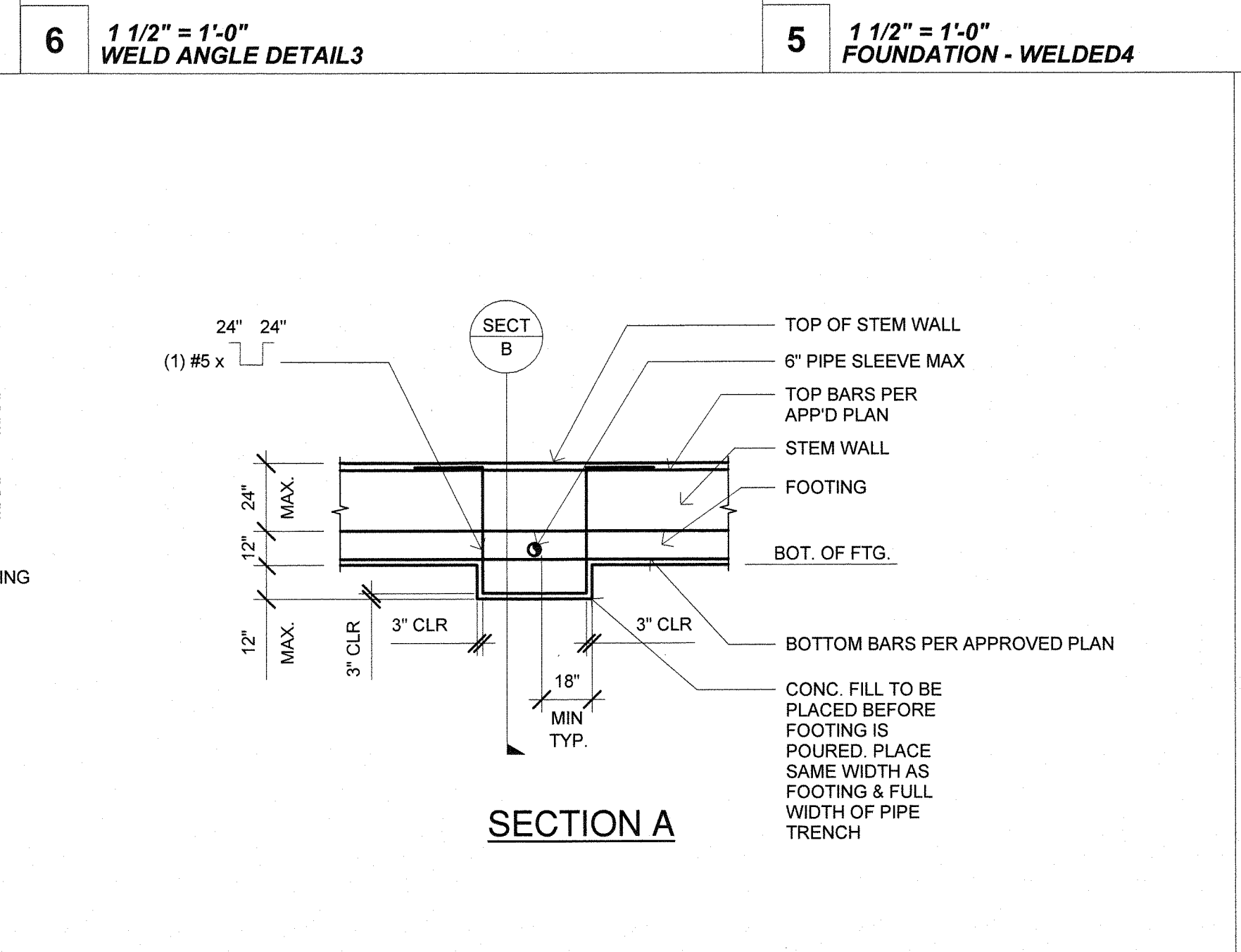
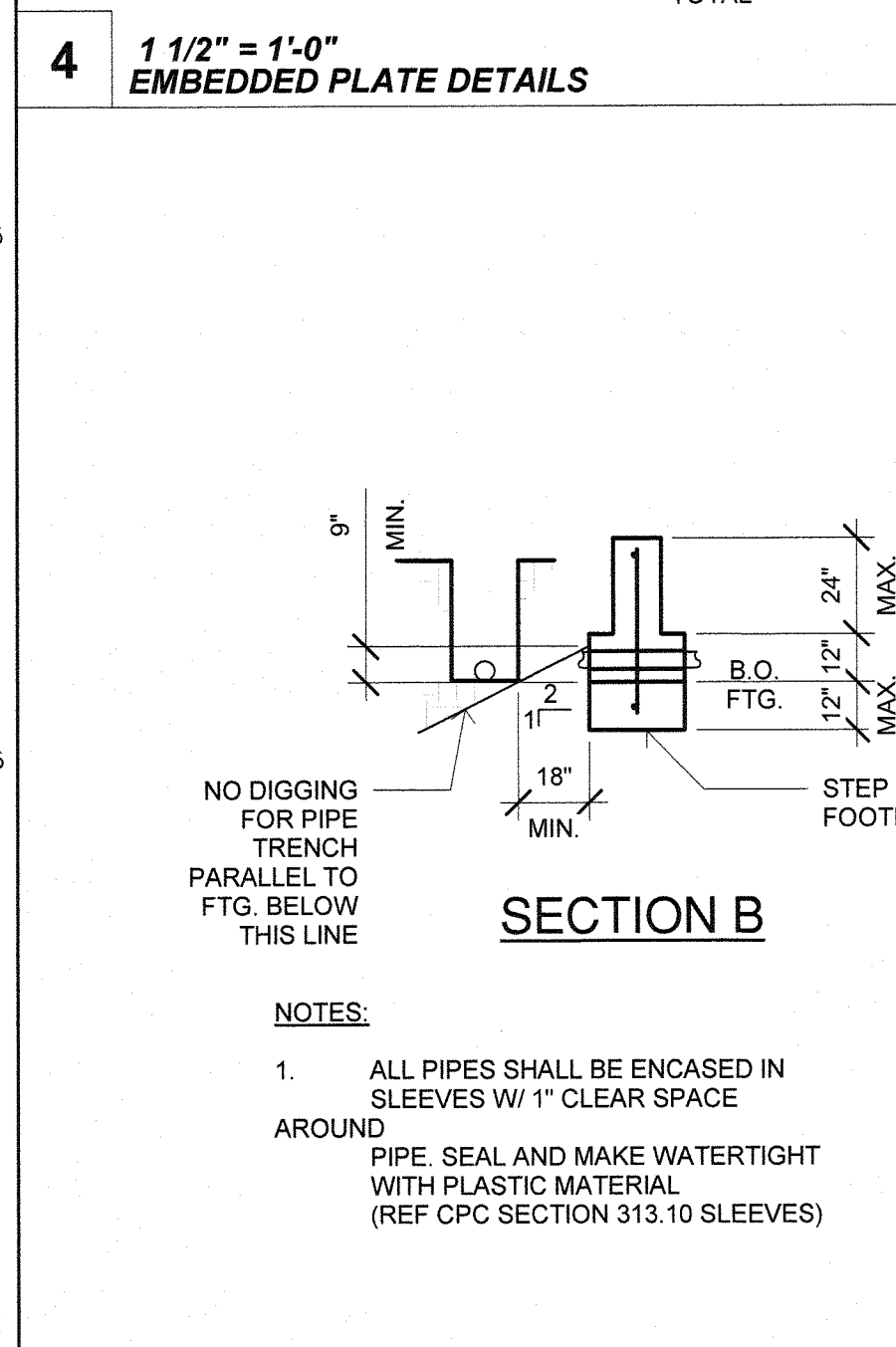
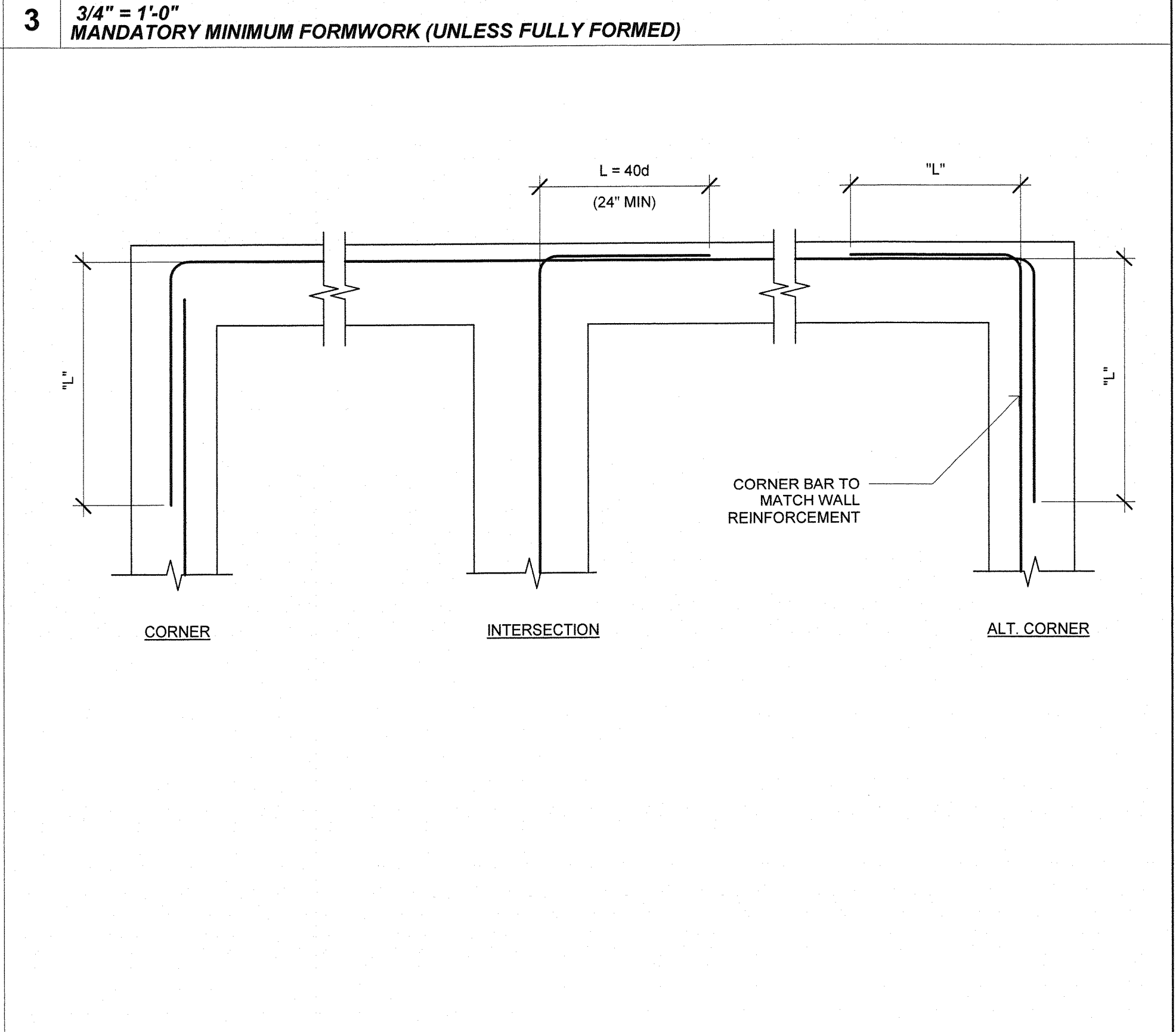
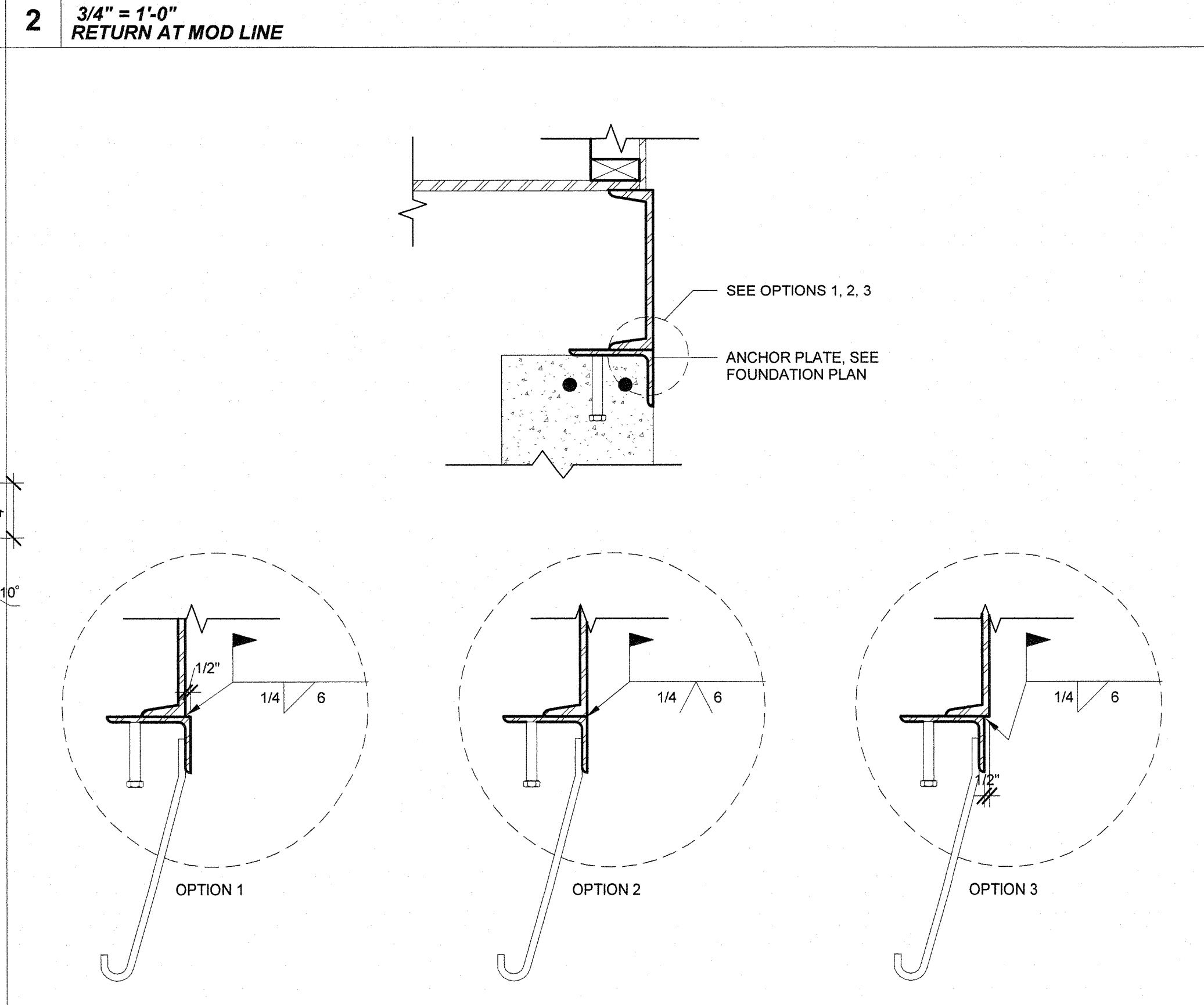
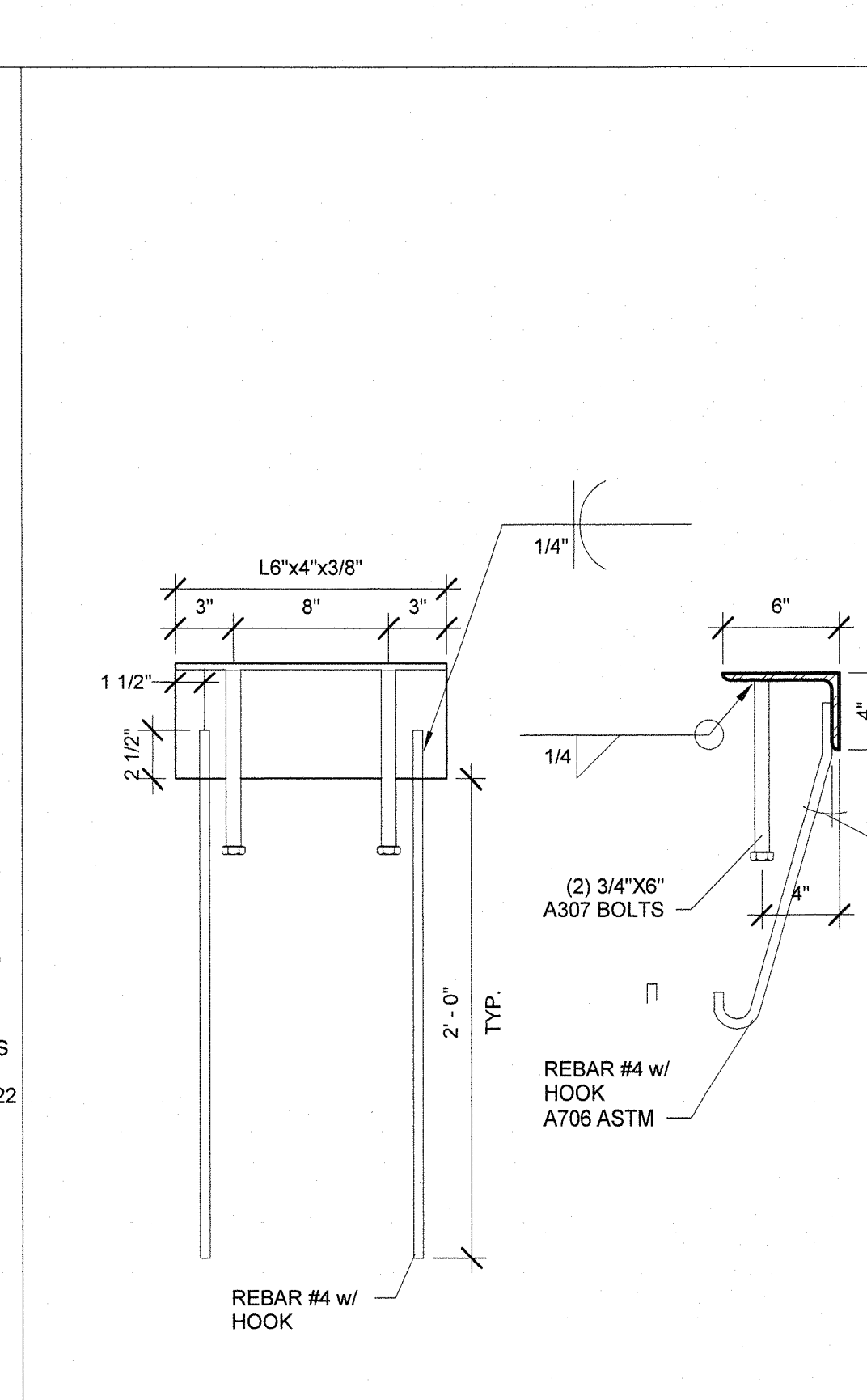
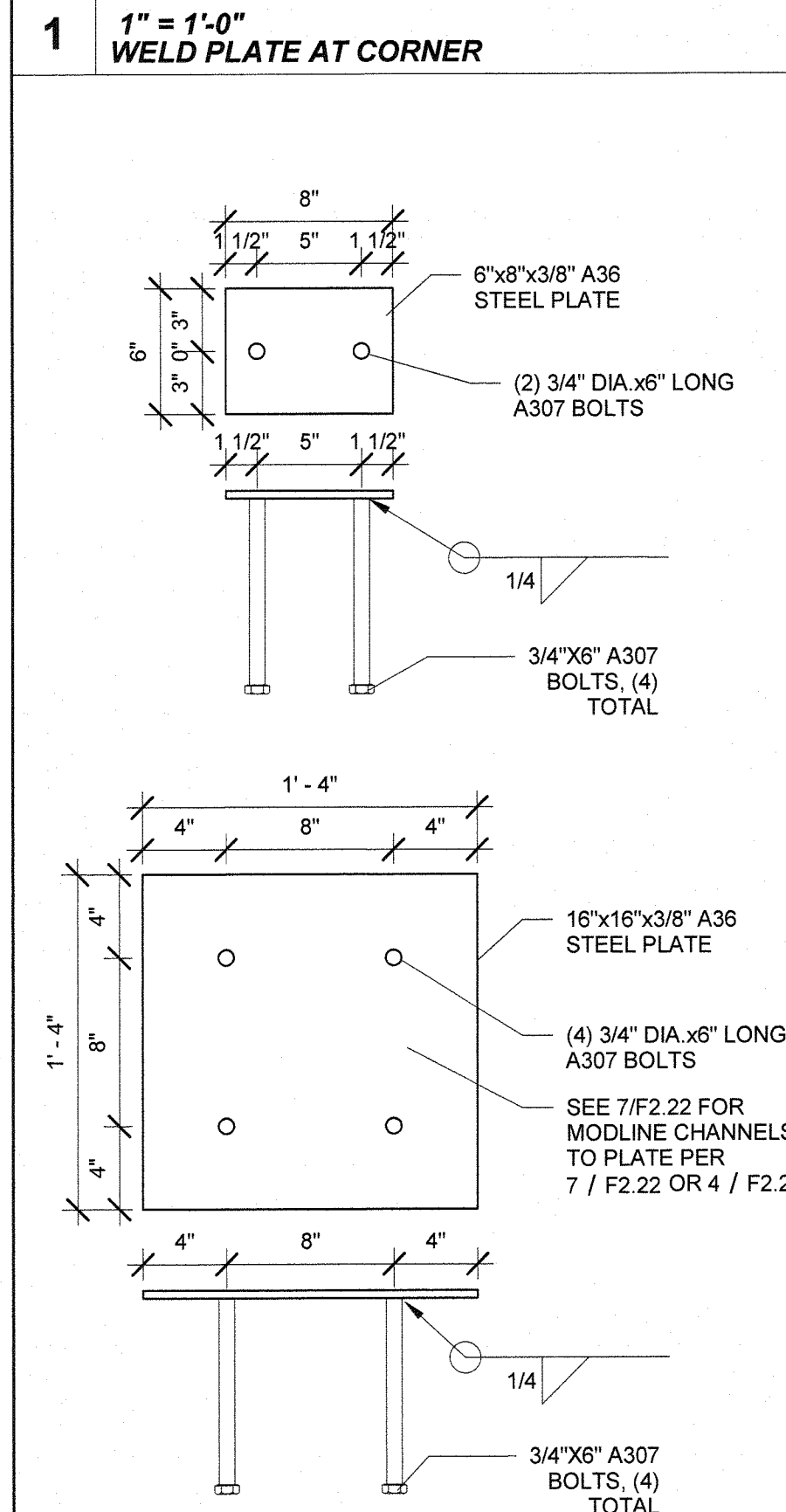
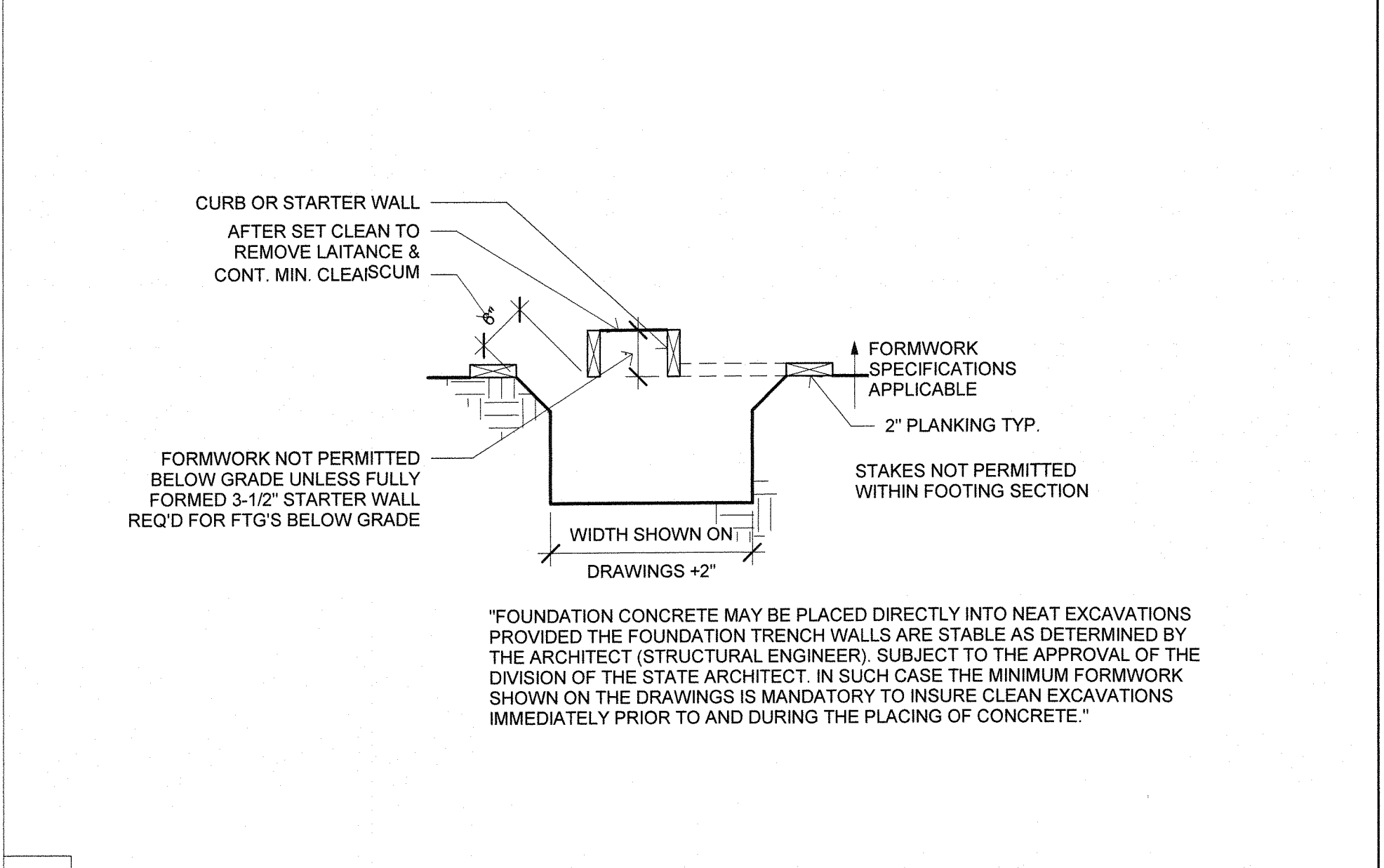
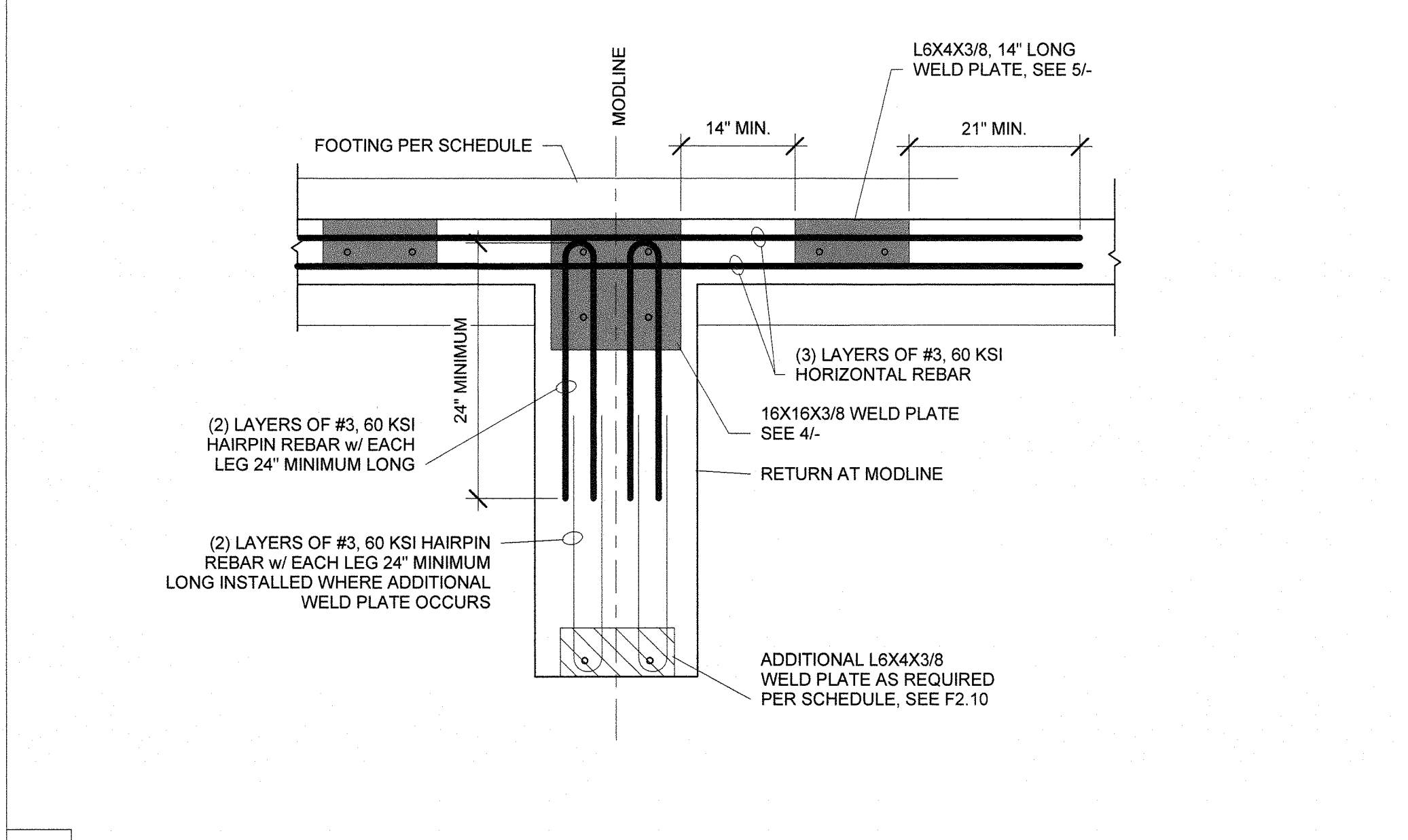
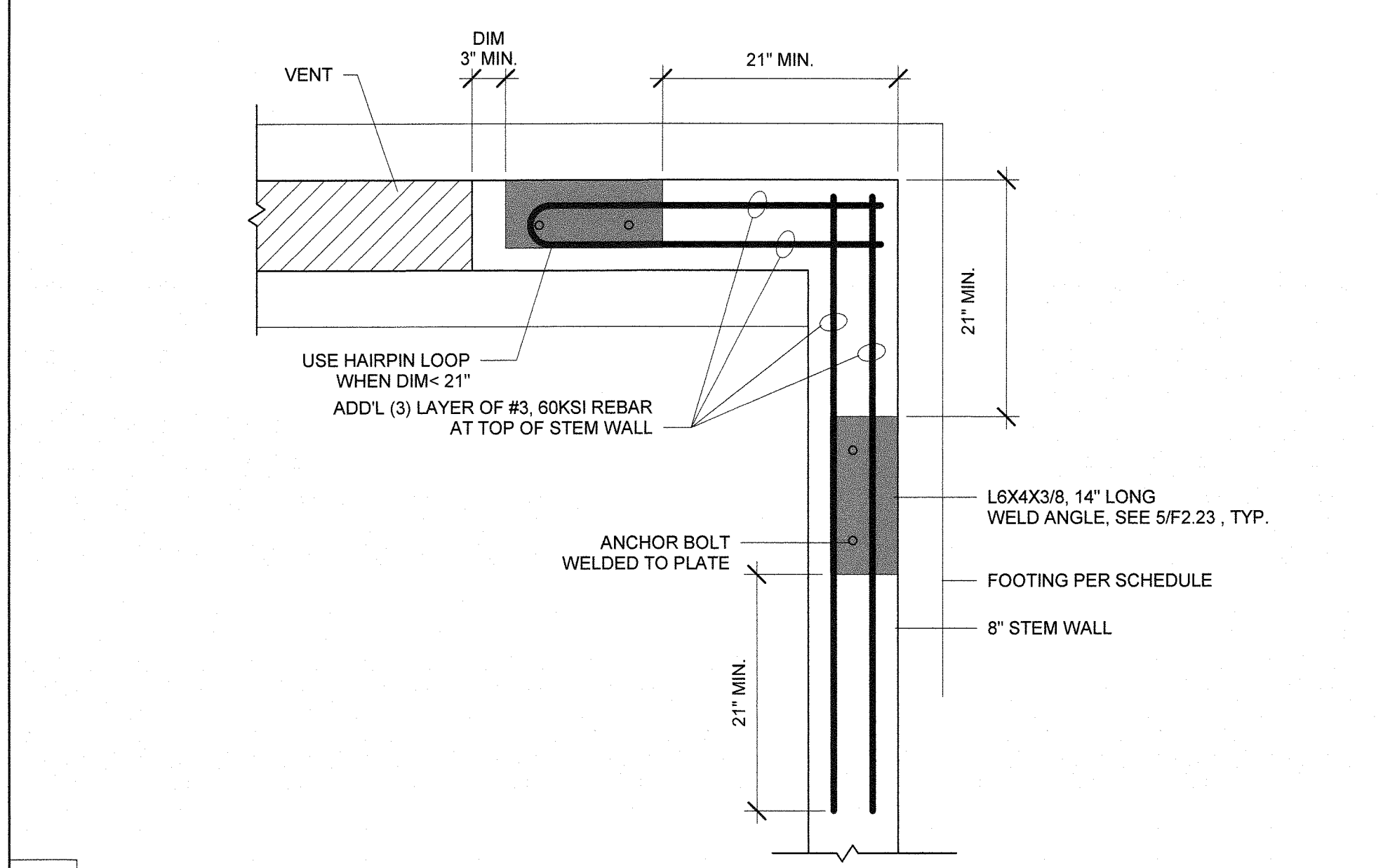


5 1" = 1'-0"
OPT. INTERIOR PAD FOOTING (ATTACHMENT AT PLATE)



2 1" = 1'-0"
INTERIOR RETURN FOOTING AT SEPARATION

Revision Schedule		
#	Description	Date



8 1/4" = 1'-0" PIPE SLEEVE THRU FOUNDATION FOOTING

9 1 1/2" = 1'-0" TYPICAL REINFORCING BENDING DETAILS

9 1 1/2" = 1'-0" TYPICAL REINFORCING BENDING DETAILS

10 1/2" = 1'-0" TYPICAL STEPPED FOOTING

4/26/2018 5:13:34 PM M:\2017\17156 - Class Leasing, 30x32 PC REVIT\17156 - Class Leasing, 30x32 PC - Main.rvt

STRUCTURAL STEEL:

- A. ALL WORK, UNLESS MODIFIED BY THE CONTRACT DOCUMENTS, SHALL BE PERFORMED IN ACCORDANCE WITH CURRENT AISC SPECIFICATIONS AND STANDARDS.
B. 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. 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 FC 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: (INSPECTIONS PROVIDED BY DISTRICT)
1. QUALIFIED TECHNICIAN OF THE TESTING LABORATORY SHALL CHECK THE FIRST BATCH AT THE START OF 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 INSPECTOR WILL KEEP A DAILY RECORD OF PLACEMENTS, IDENTIFYING THE MIX, THE 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. E80XX 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 LESS THAN 5/16" OR THICK OR GREATER. ULTRASONIC TESTING NOT REQUIRED FOR MATERIALS THICK TESTING FREQUENCY MAY BE REDUCED TO 25%, PROVIDED 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 1803A.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 WOOD 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 DECKS 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 A255.

CHANGES

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

12" = 1'-0"
STRUCTURAL NOTES

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 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 #8 BOX NAILS @ 6" E.N., 12" F.N.
FASTEN TO LIGHT GAUGE METAL FRAMING WITH #8 WAFFER HEAD STMS @ 6" E.N., 12" F.N.
FASTEN TO STRUCTURAL STEEL WITH #12 STMS OR 0.145 DIAM STMS @ 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
3. 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 TEK SCREWS @ 4" 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 - 24 x 1 3/4" SELF-TAPPING PHILLIPS FLAT-HEAD ZINC COATED TEK SCREWS @ 6" O.C. BN, 6" O.C. EN, 12" 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
DESINTY: 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
60% 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

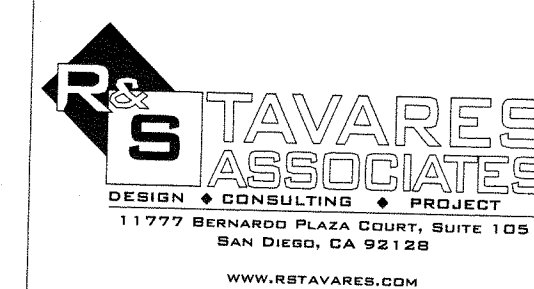
LEAD OR CLEARANCE HOLES SHALL NOT BE REQUIRED FOR 3/8" DIAMETER OR SMALLER LAG SCREWS.

BALLISTIC PINS OPTIONS

- 1. HILTI X-CR PIN WITH 0.145 SHANK DIAMETER, ICC ESR-1663
2. RAMP SET 1500 PIN WITH 0.145 SHANK DIAMETER, ICC ESR-1799
3. SIMPSON STRONG TIE POP 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 columns: CONNECTION, FASTENING, LOCATION. Lists various structural connections like JOIST TO SILL OR GIRDER, BRIDGING TO JOIST, etc., with corresponding fastener types and locations.



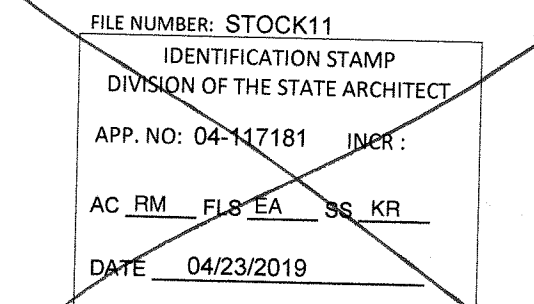
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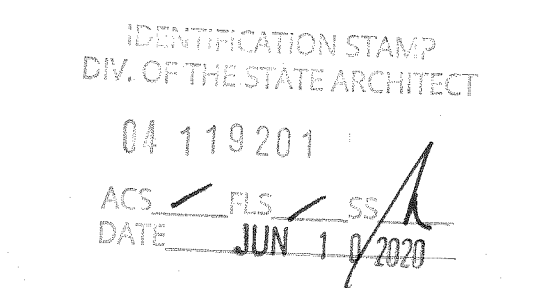
ORIGINAL PC STATE AGENCY APPROVAL



PROJECT TITLE

30' x 32' EXPANDABLE TO 150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL



Revision Schedule

Table with columns: #, Description, Date. Includes a blank row for revisions.

SHEET TITLE
STRUCTURAL GEN NOTES

PROJECT NUMBER: 17156

DRAWN BY: rMc/SC

CHECKED BY: JA/RT

DATE: 10.12.2018

SHEET NO. S0.1

SHEET OF SHEETS

4/26/2018 5:14:04 PM M:\2017\17156 - Class Leasing - 30x32 PC - MainFile.rvt

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

ORIGINAL PC STATE AGENCY APPROVAL

FILE NUMBER: STOCK11
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APP. NO: 04-117481 INCR:
 AC_RM_FLS_EA_SS_KR
 DATE 04/23/2019

PROJECT TITLE
**30' x 32'
 EXPANDABLE TO
 150' x 32'**

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 119201
 ACS_FLS_SS
 DATE JUN 10 2020

Revision Schedule

#	Description	Date

SHEET TITLE
**WD SHTH'G FLR
 FRM'G PLAN
 (50+15 PSF)**

PROJECT NUMBER
 17156

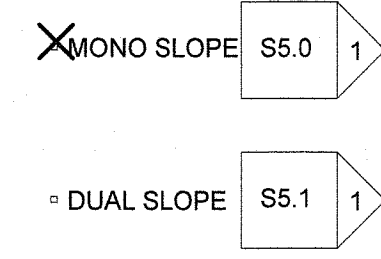
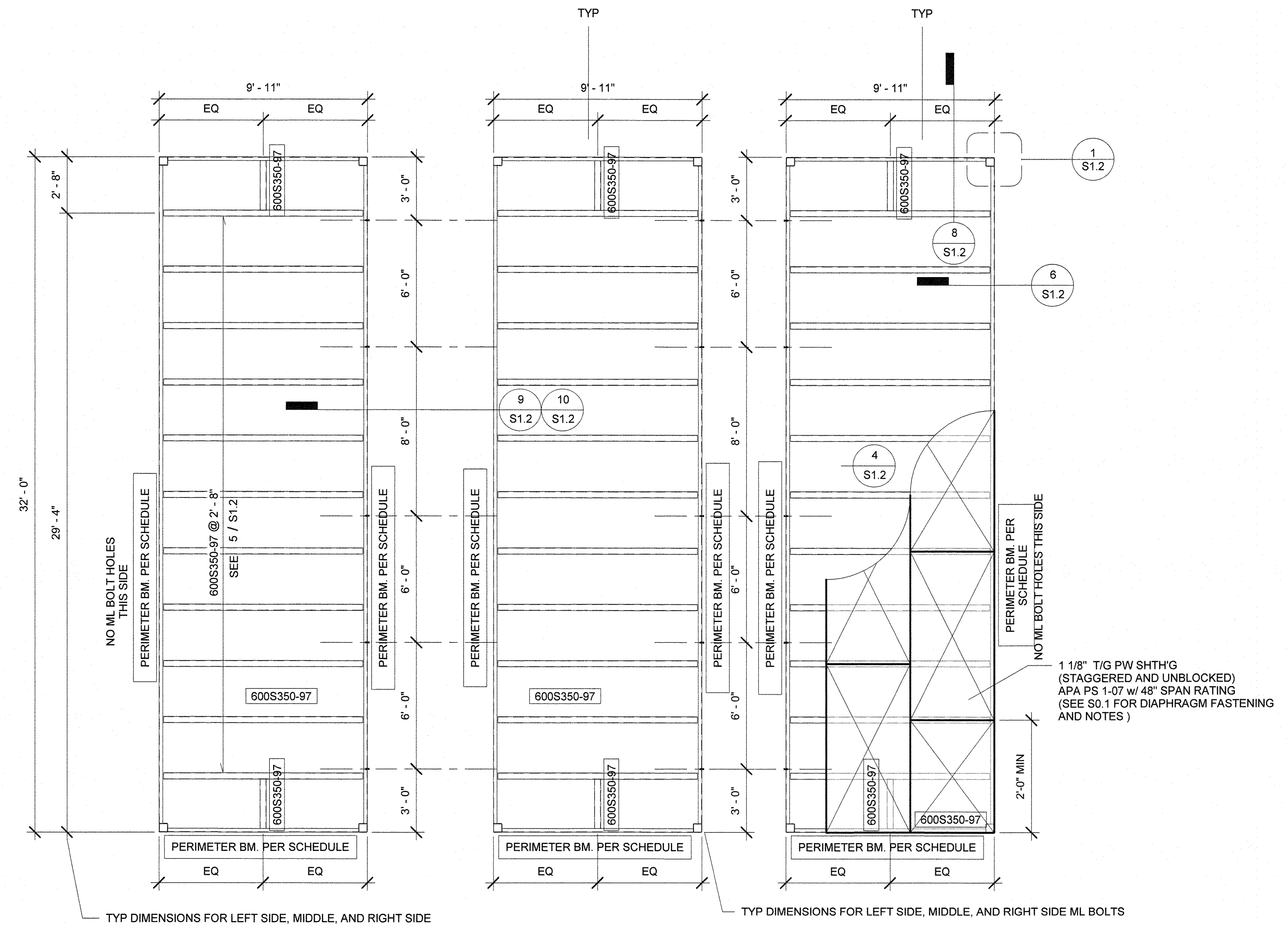
DRAWN BY
 rMc/SC

CHECKED BY
 JA/RT

DATE
 10.12.2018

SHEET NO.
S1.0.1

SHEET OF SHEETS



LEFT SIDE MOD

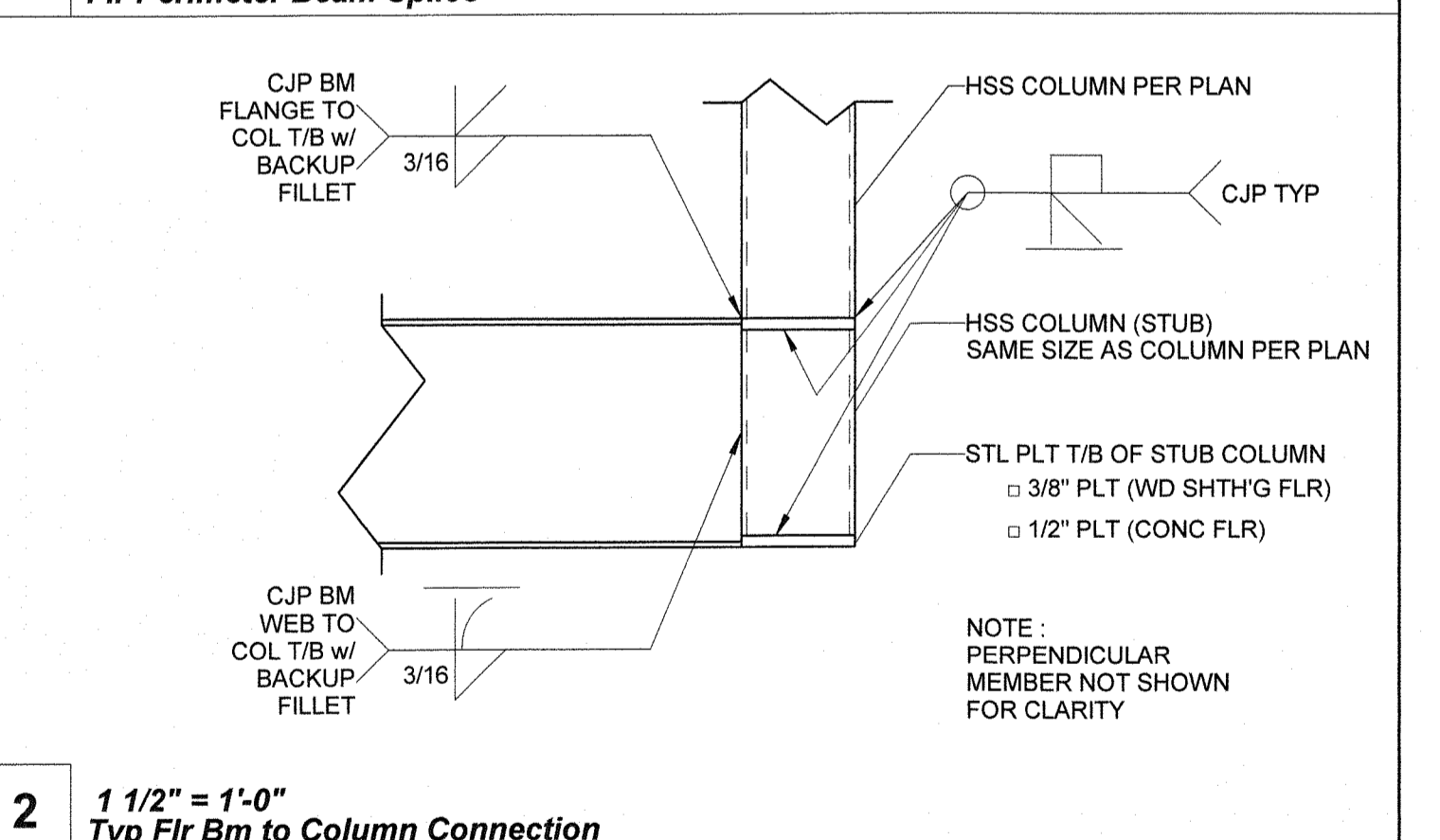
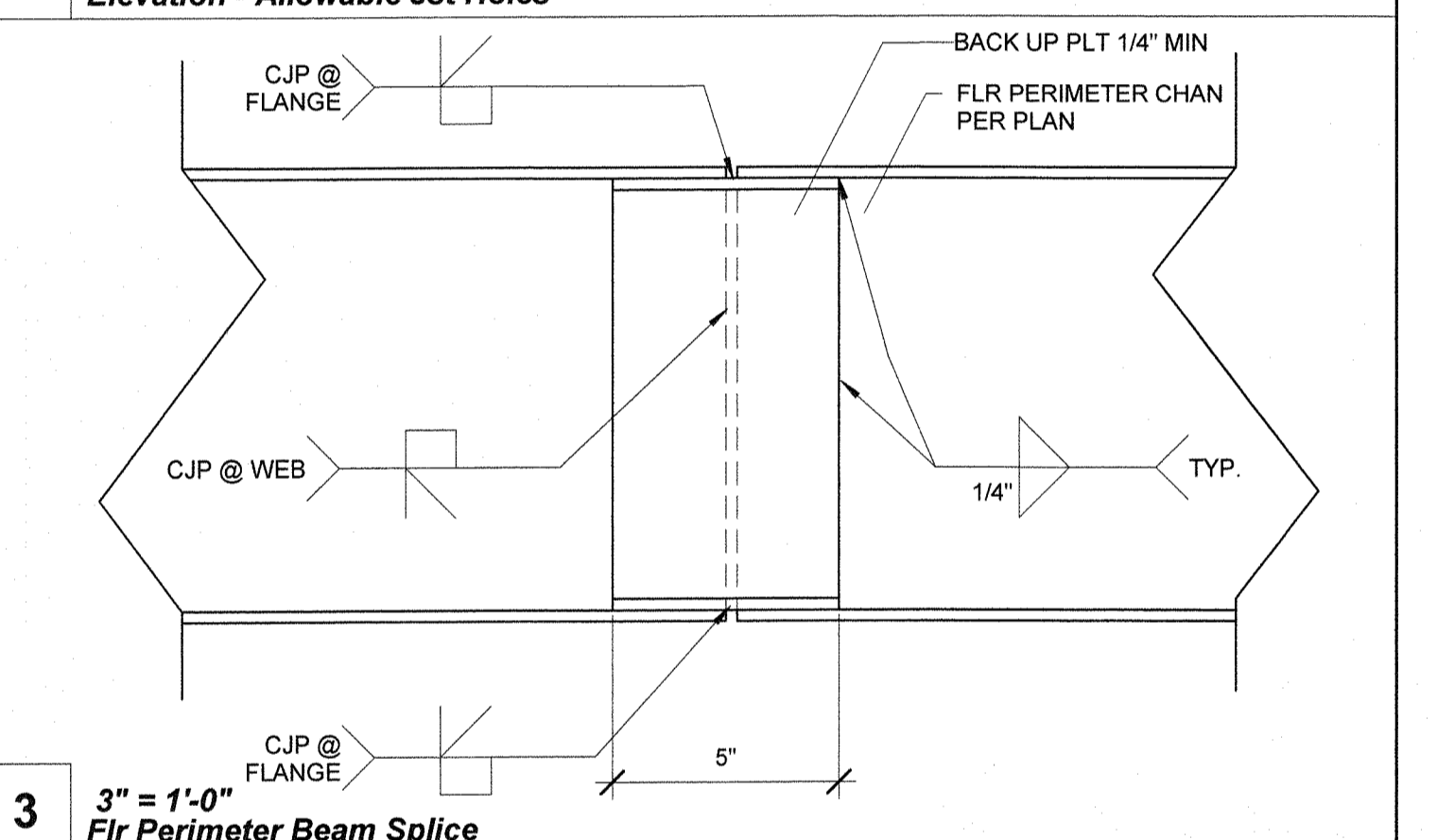
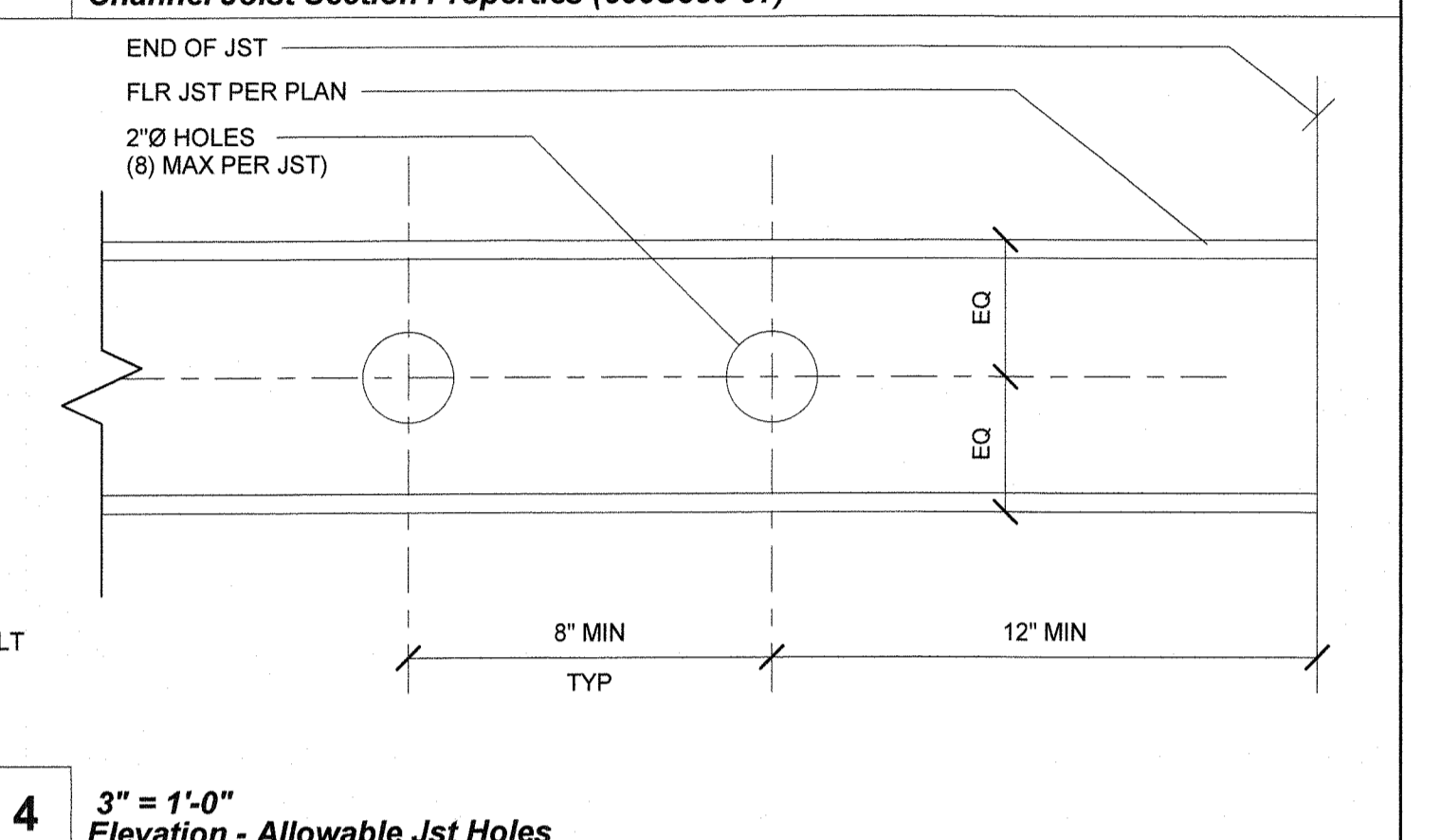
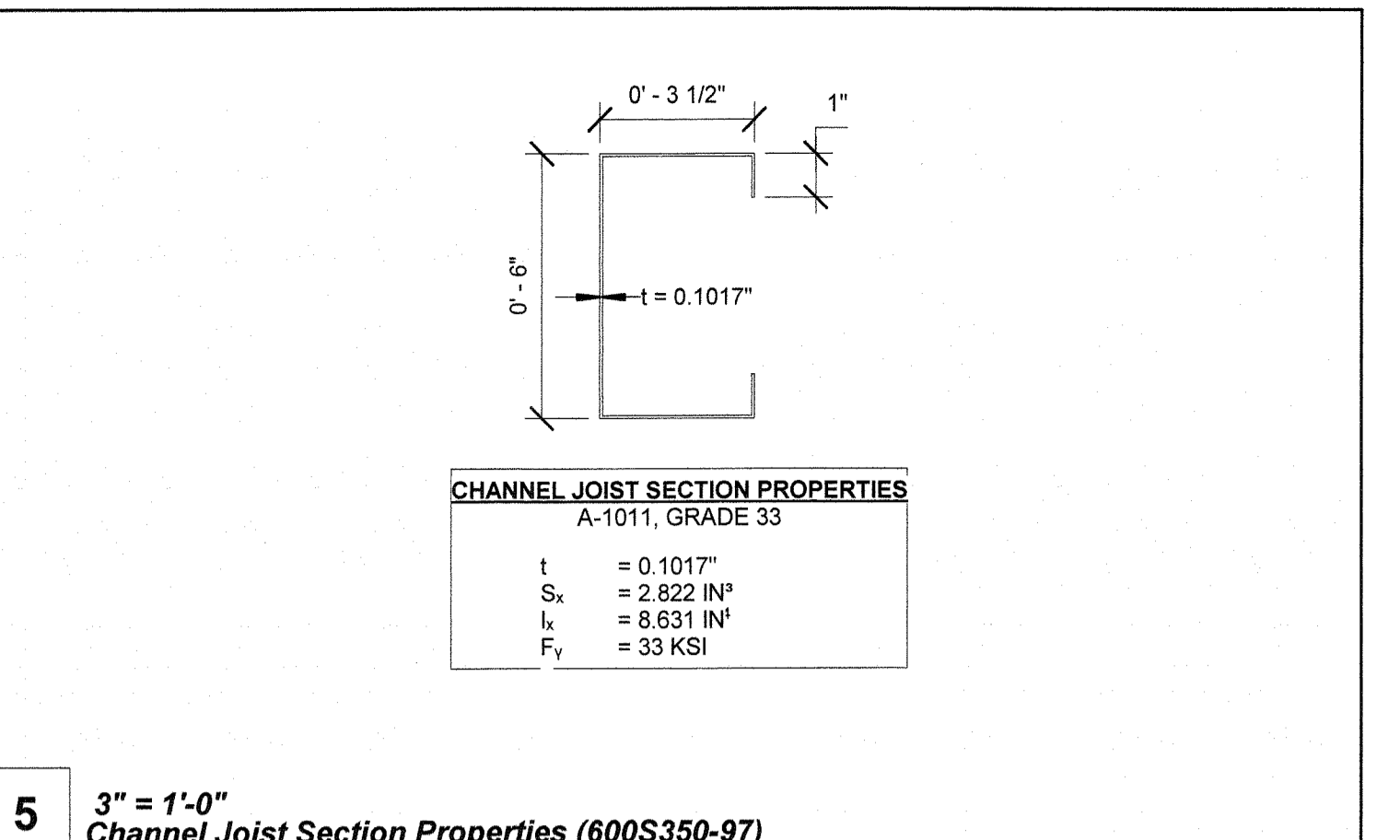
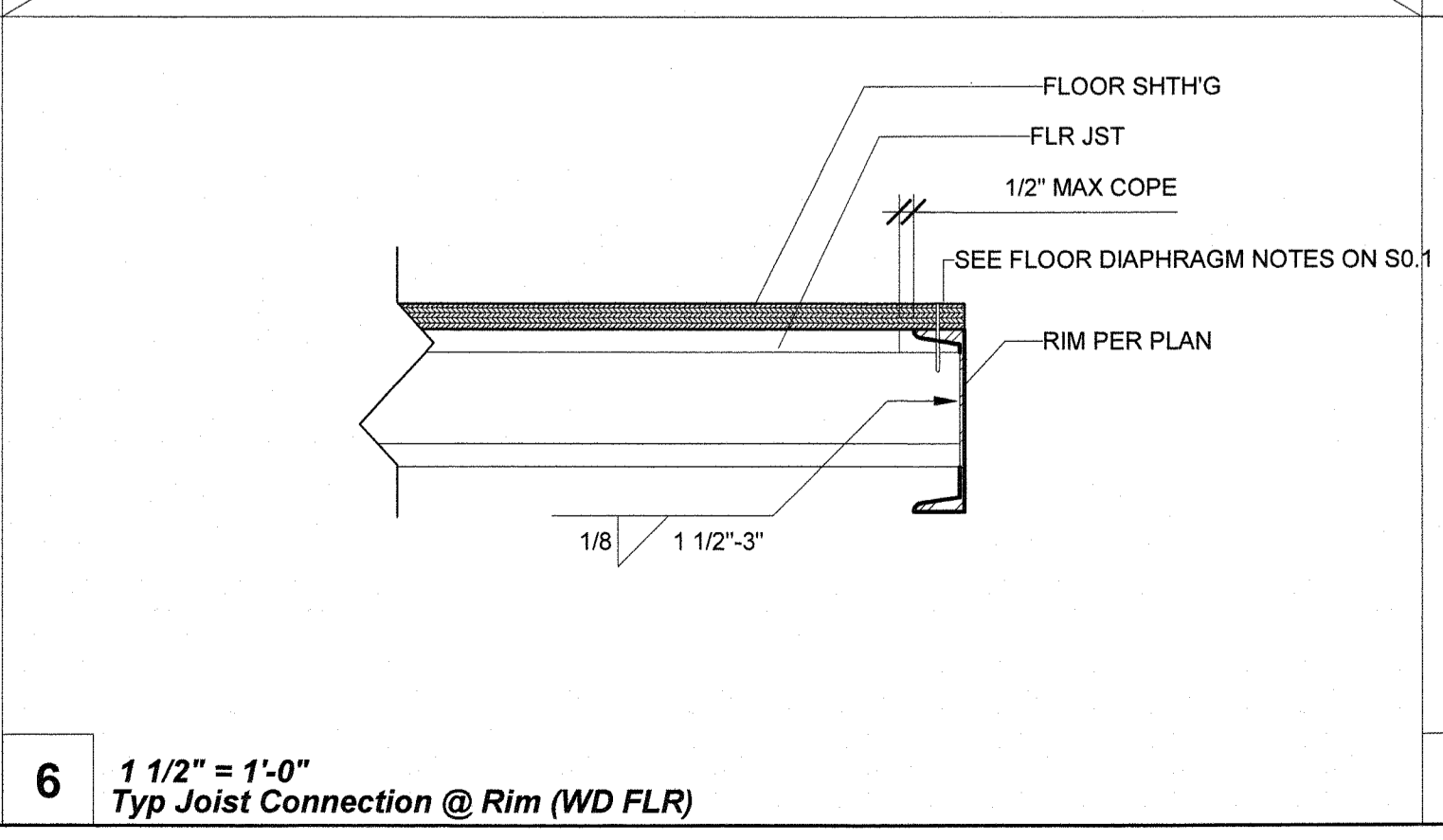
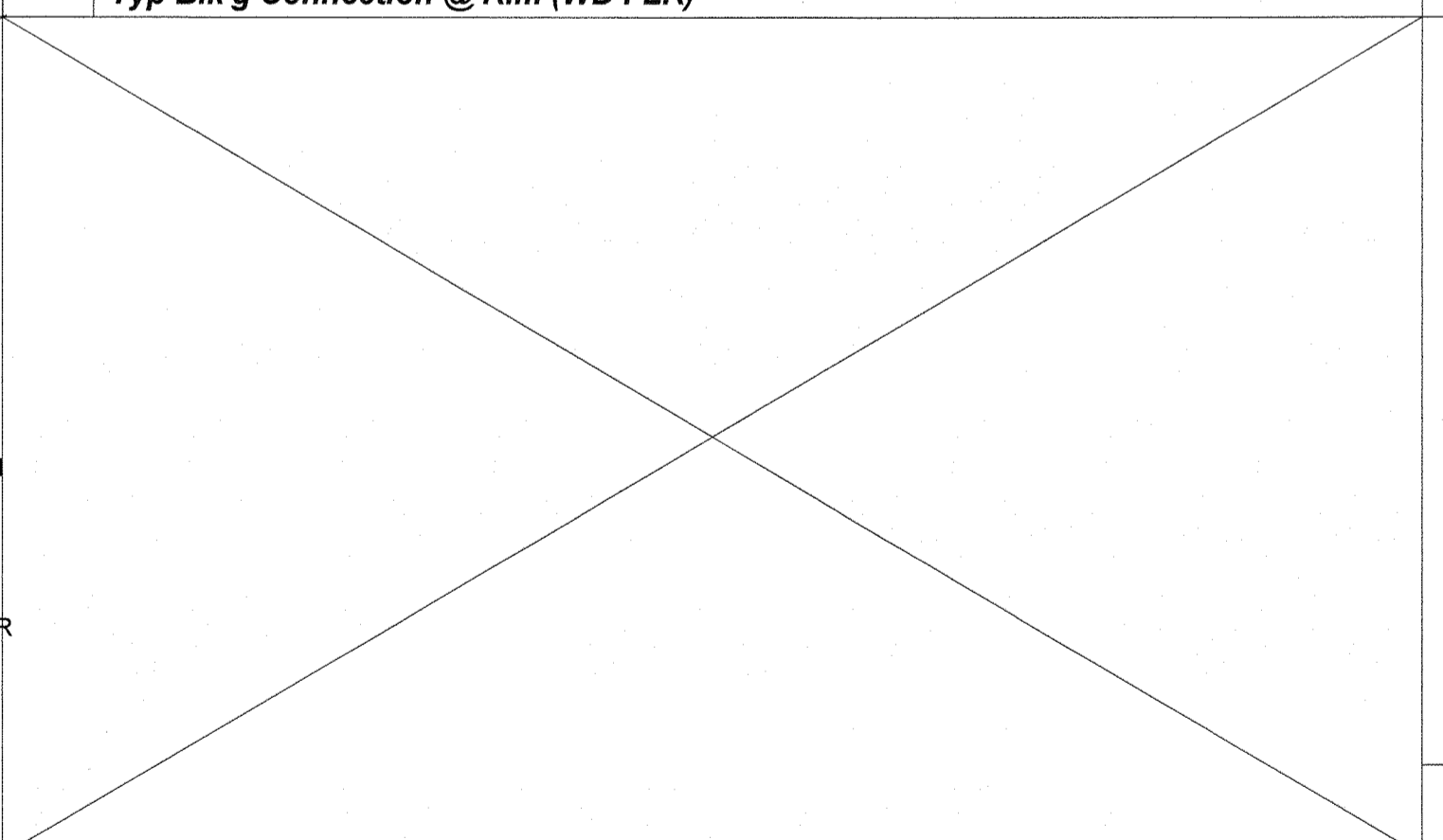
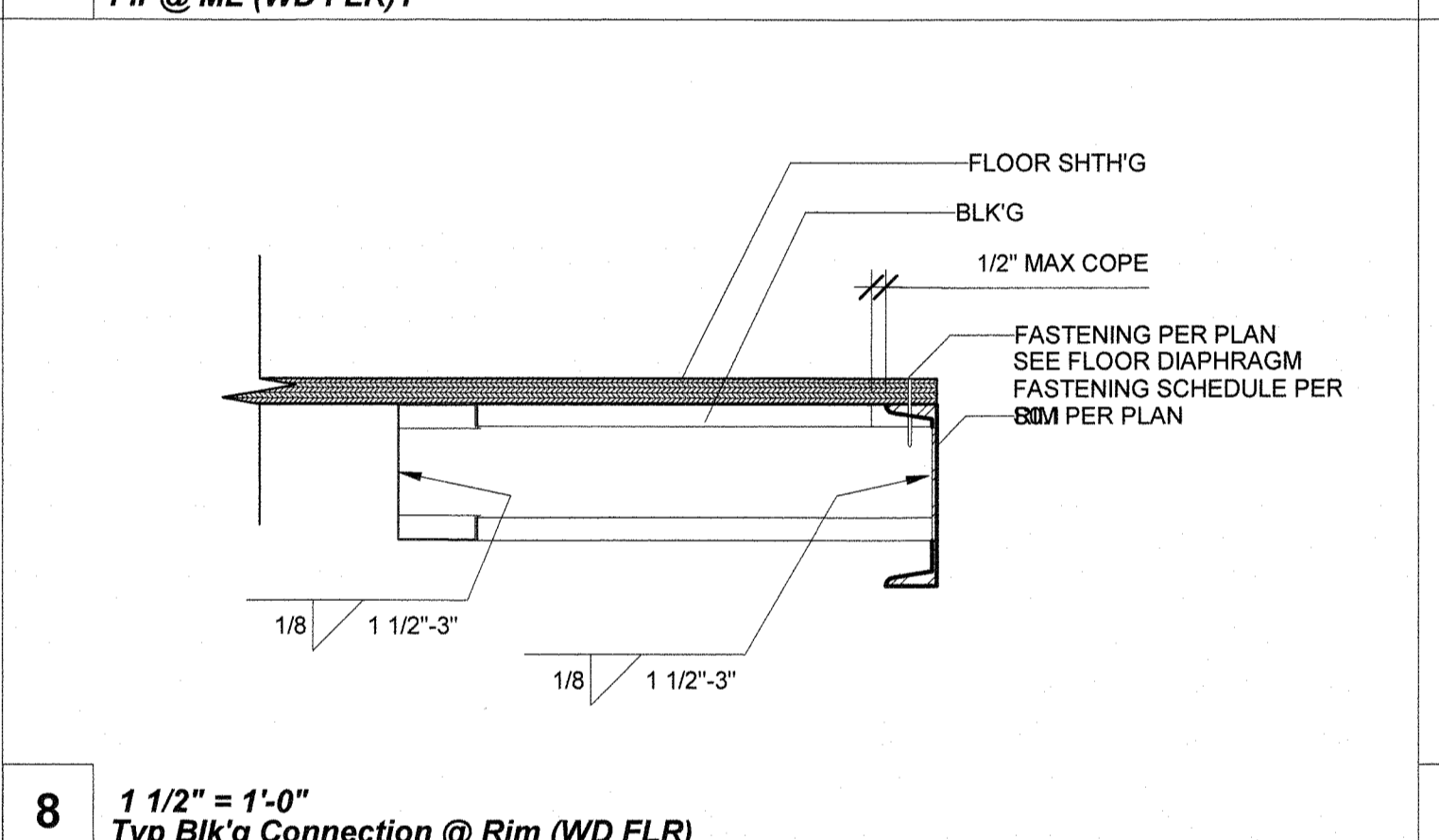
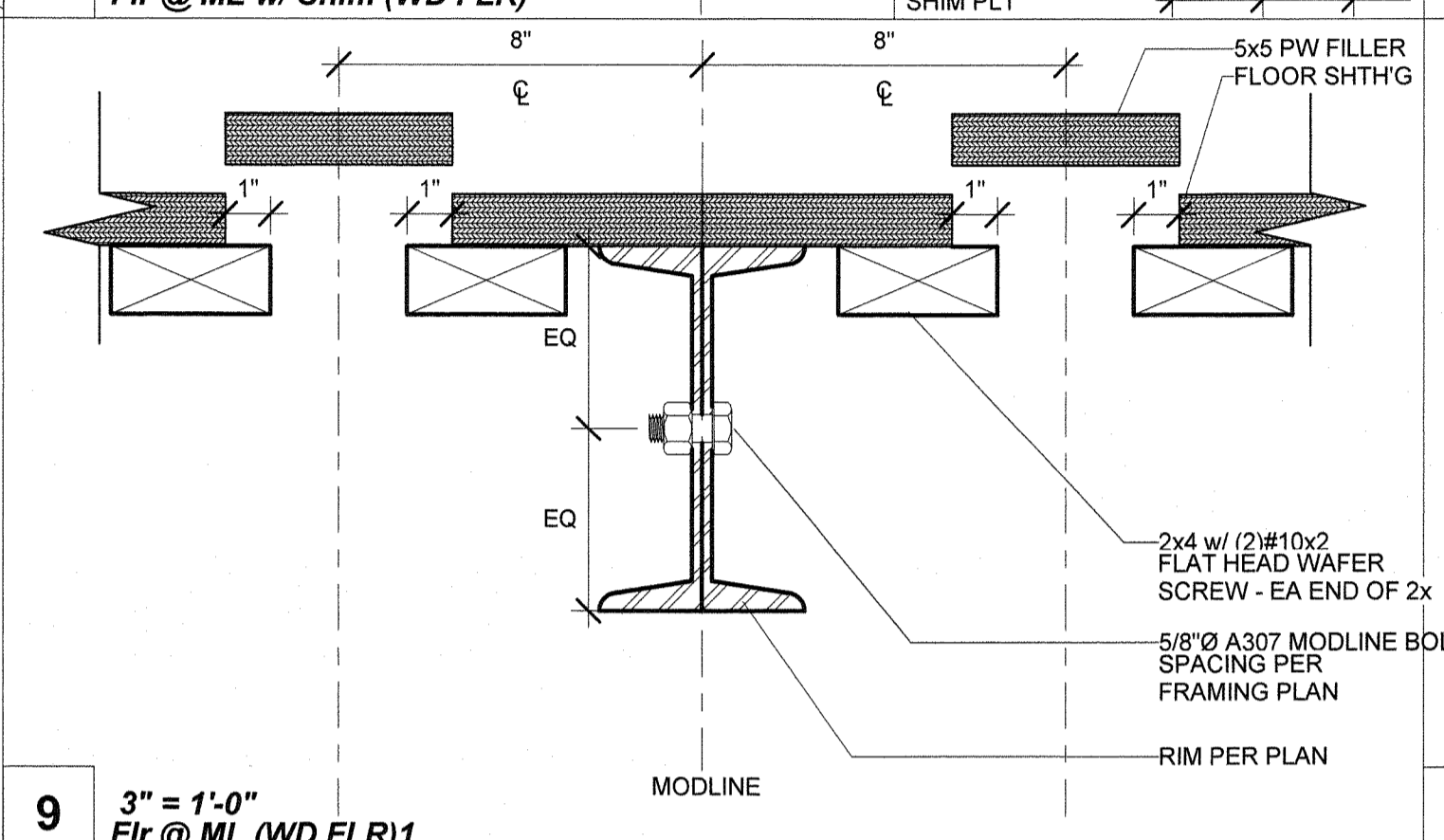
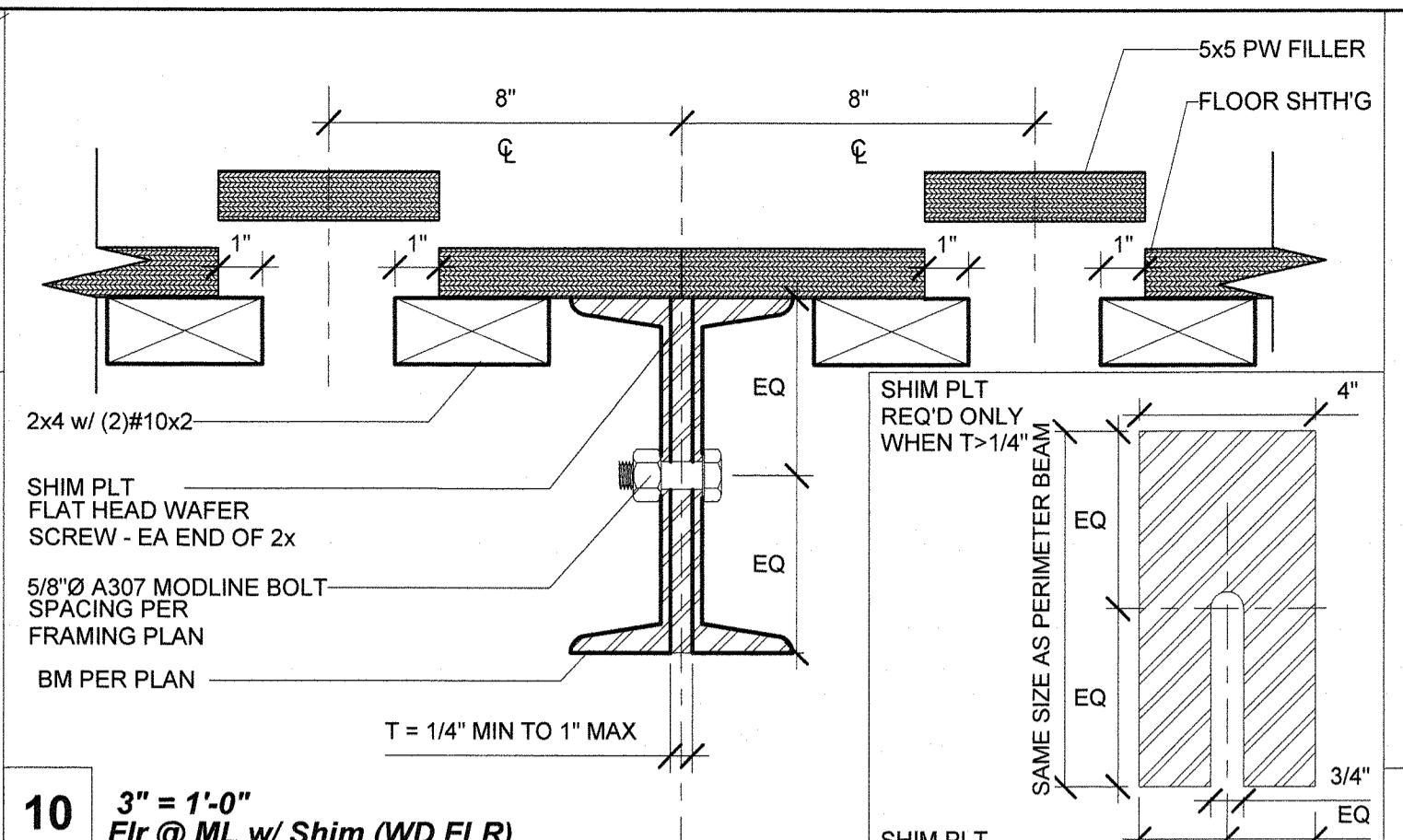
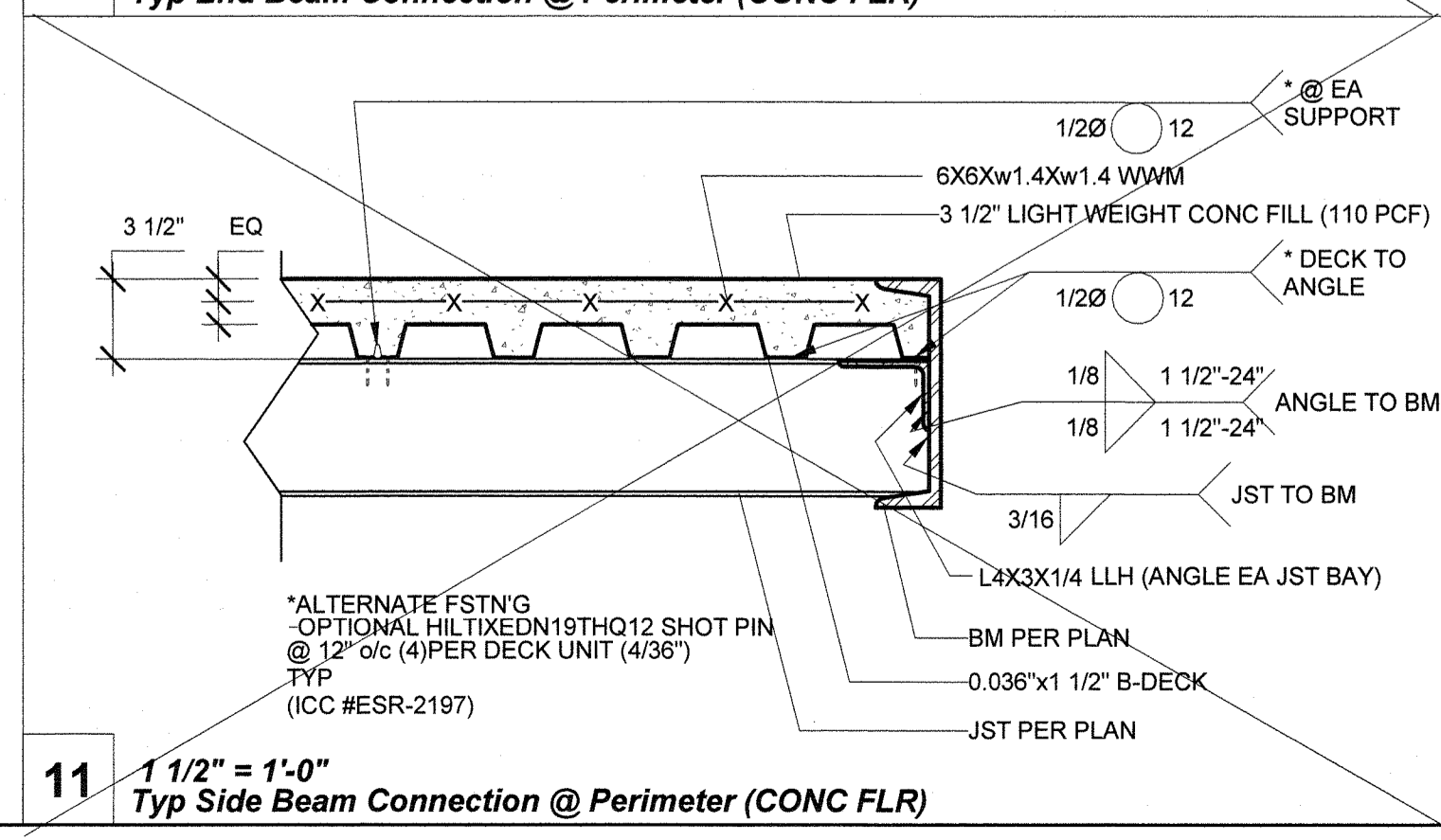
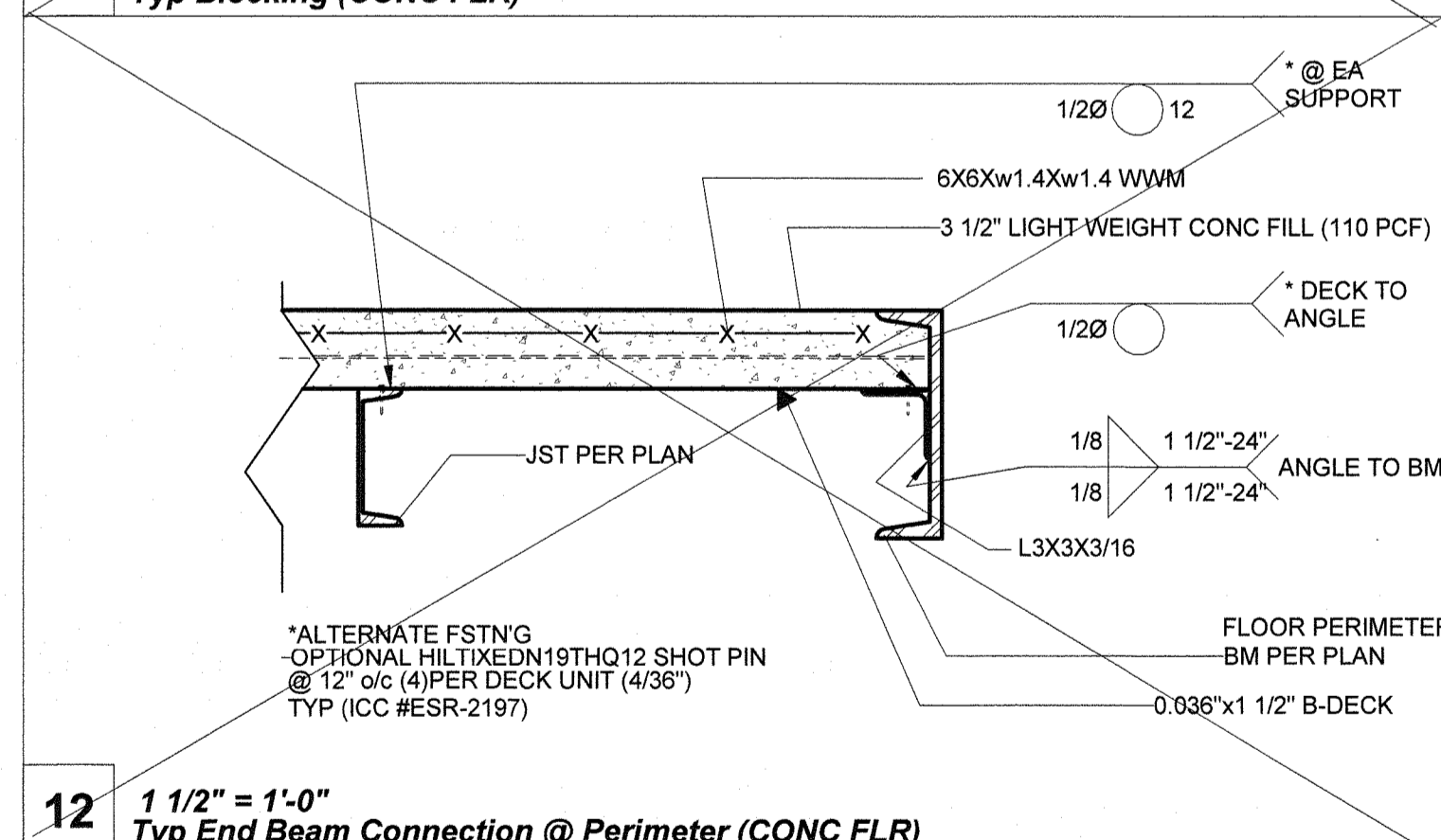
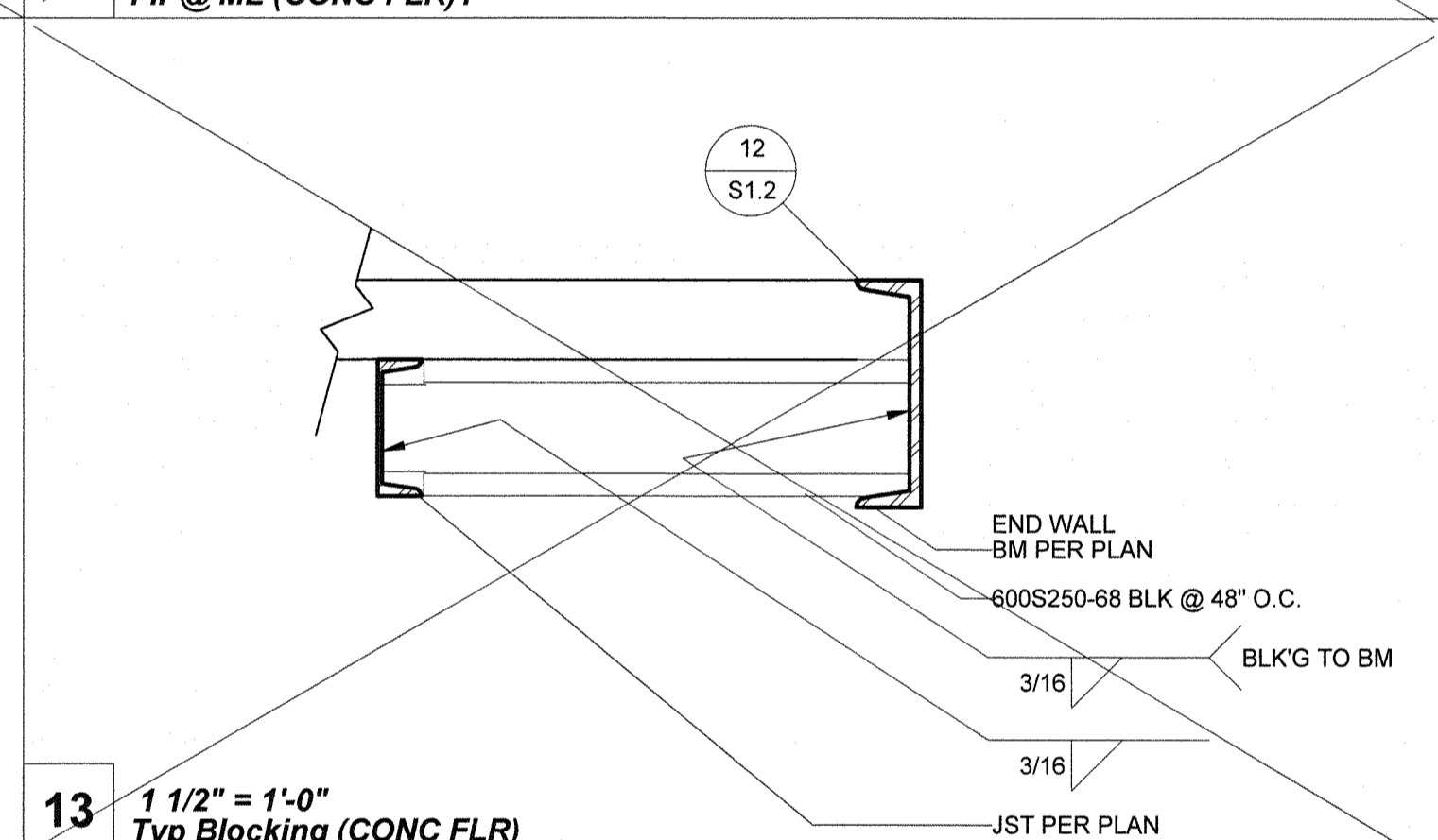
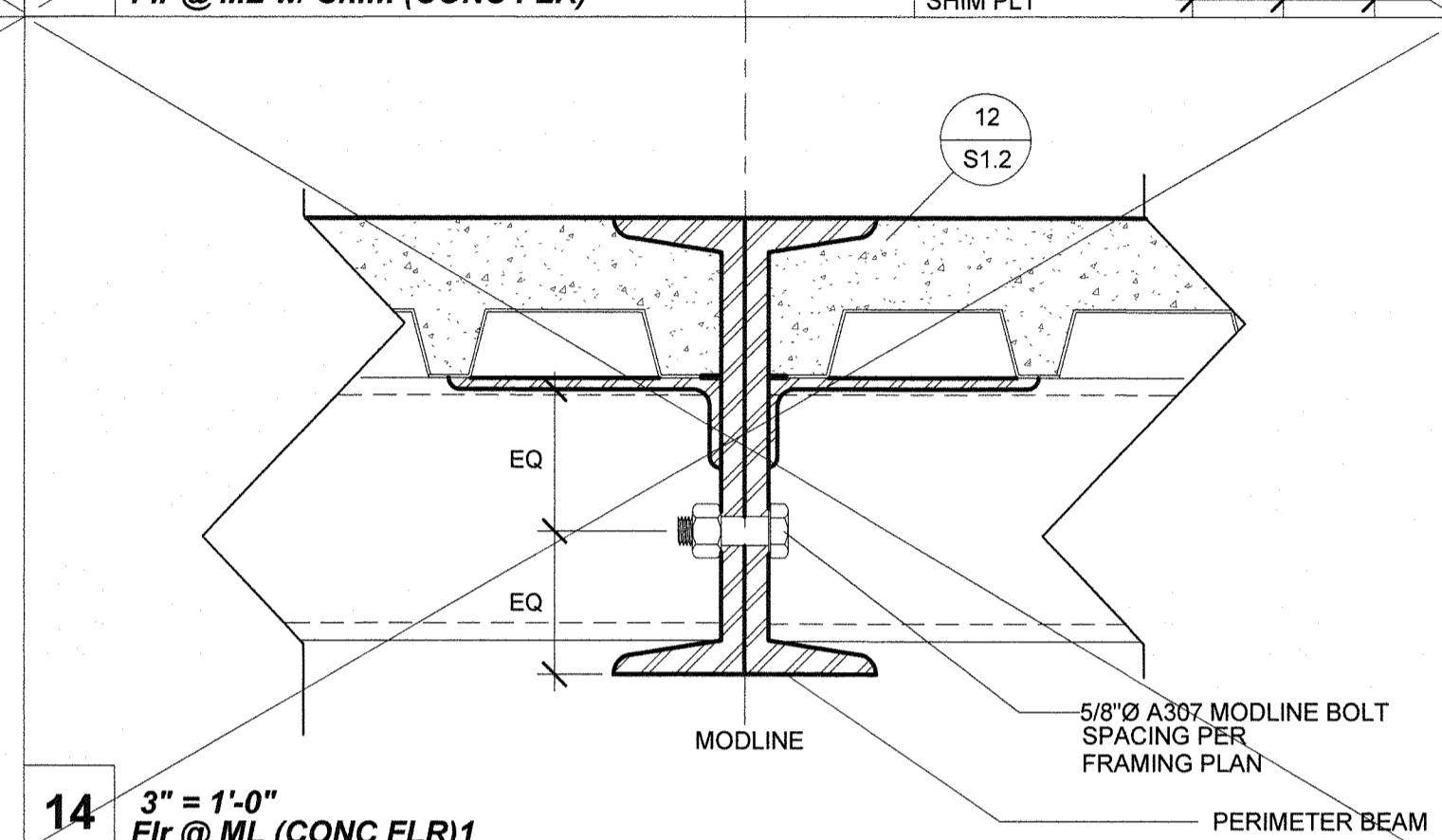
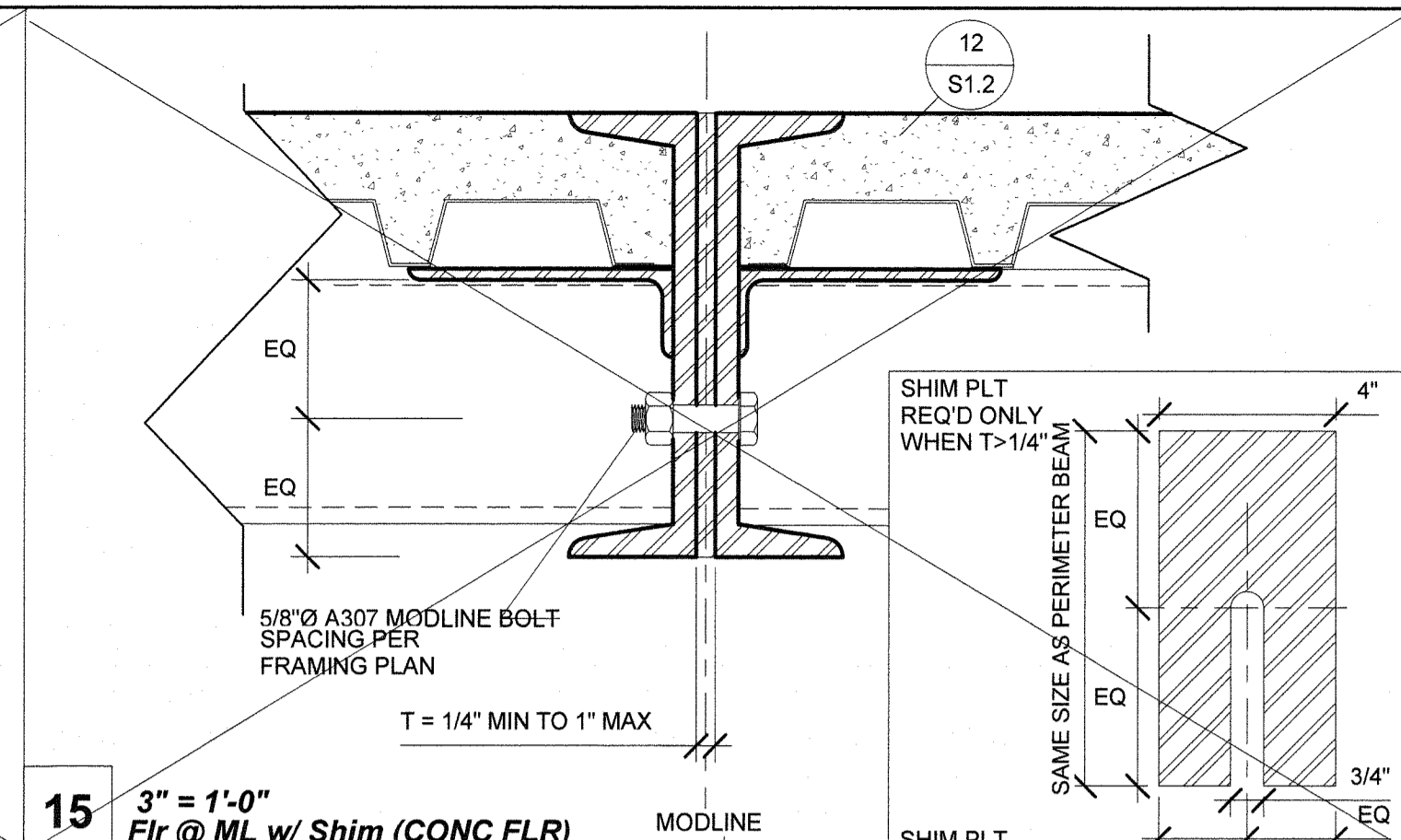
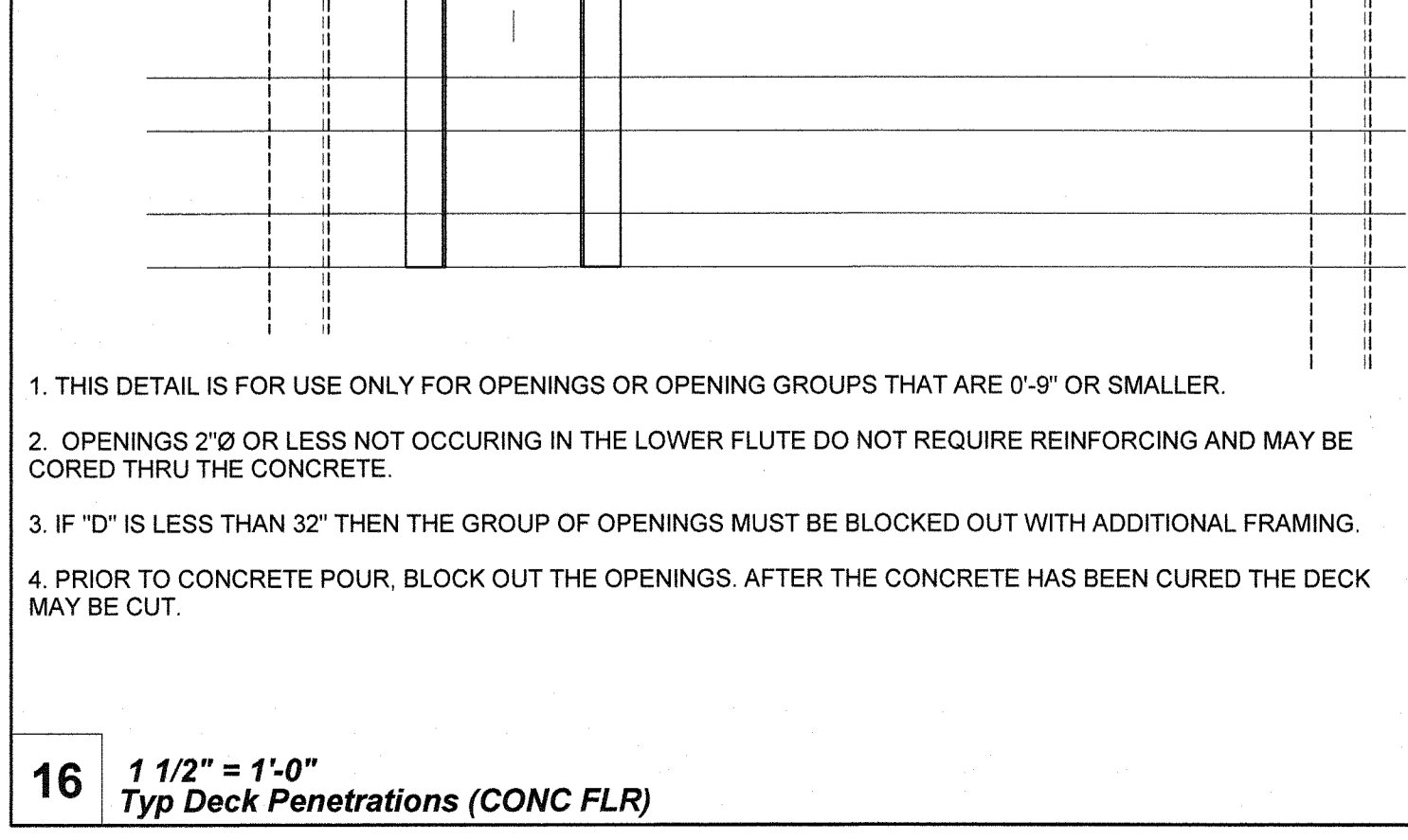
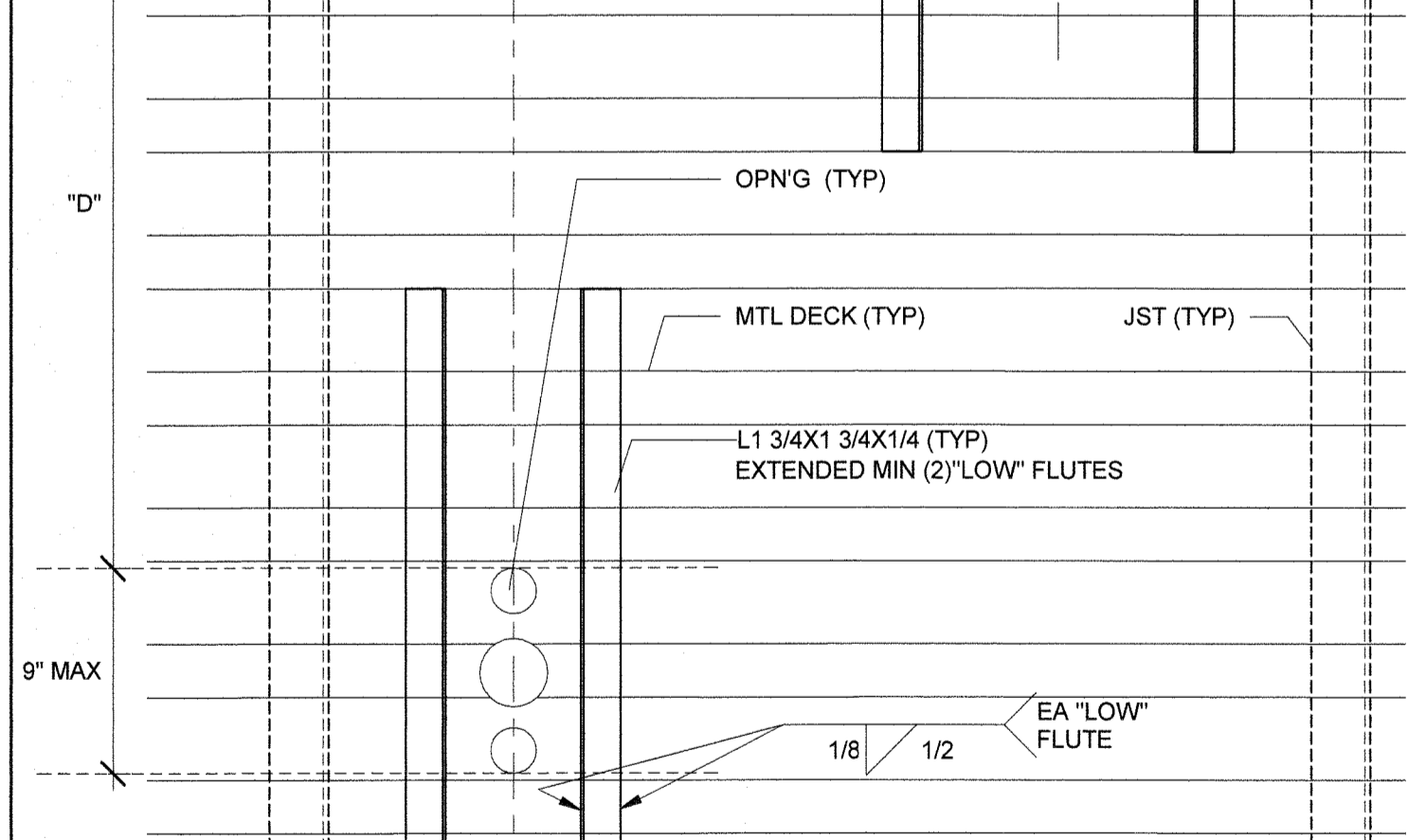
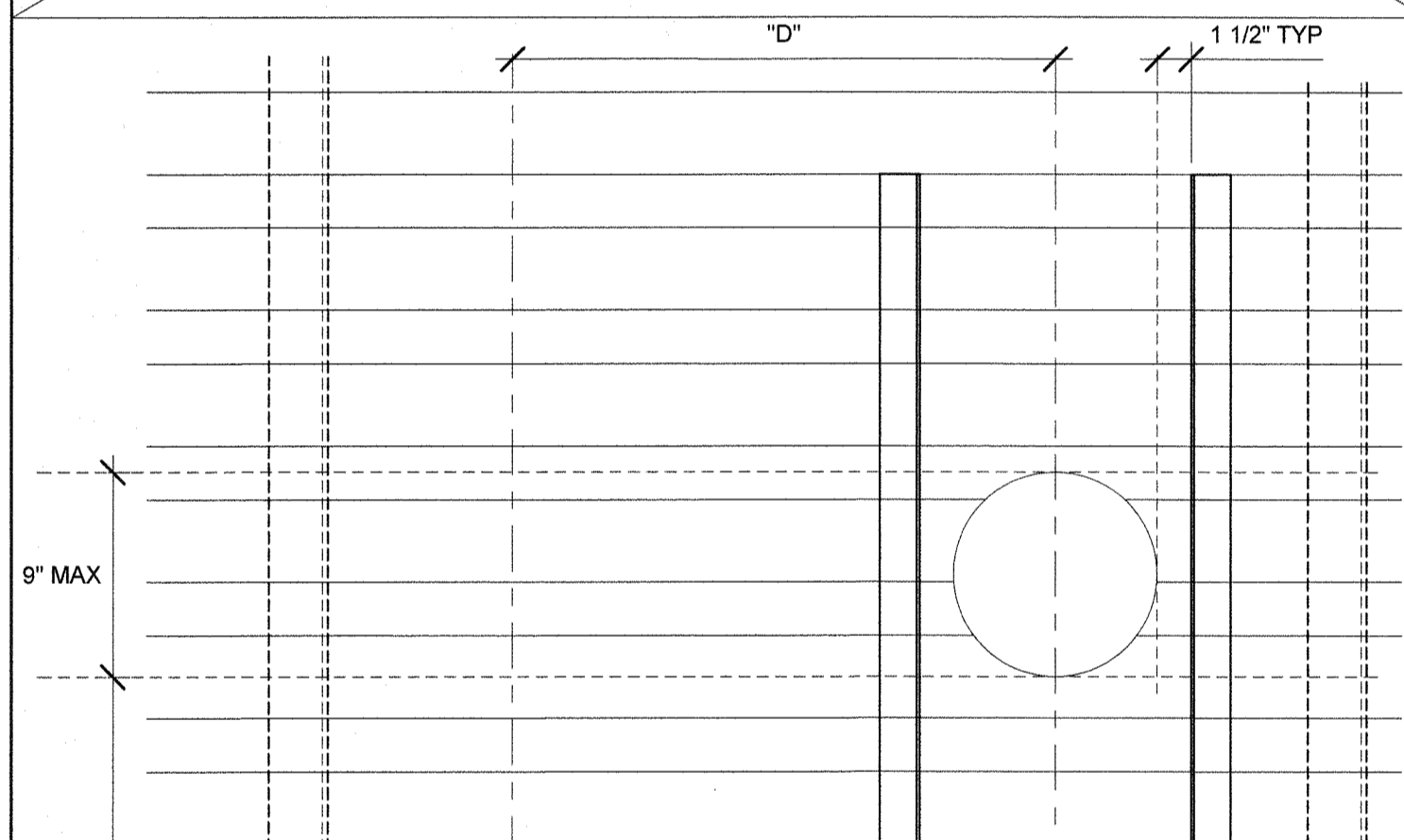
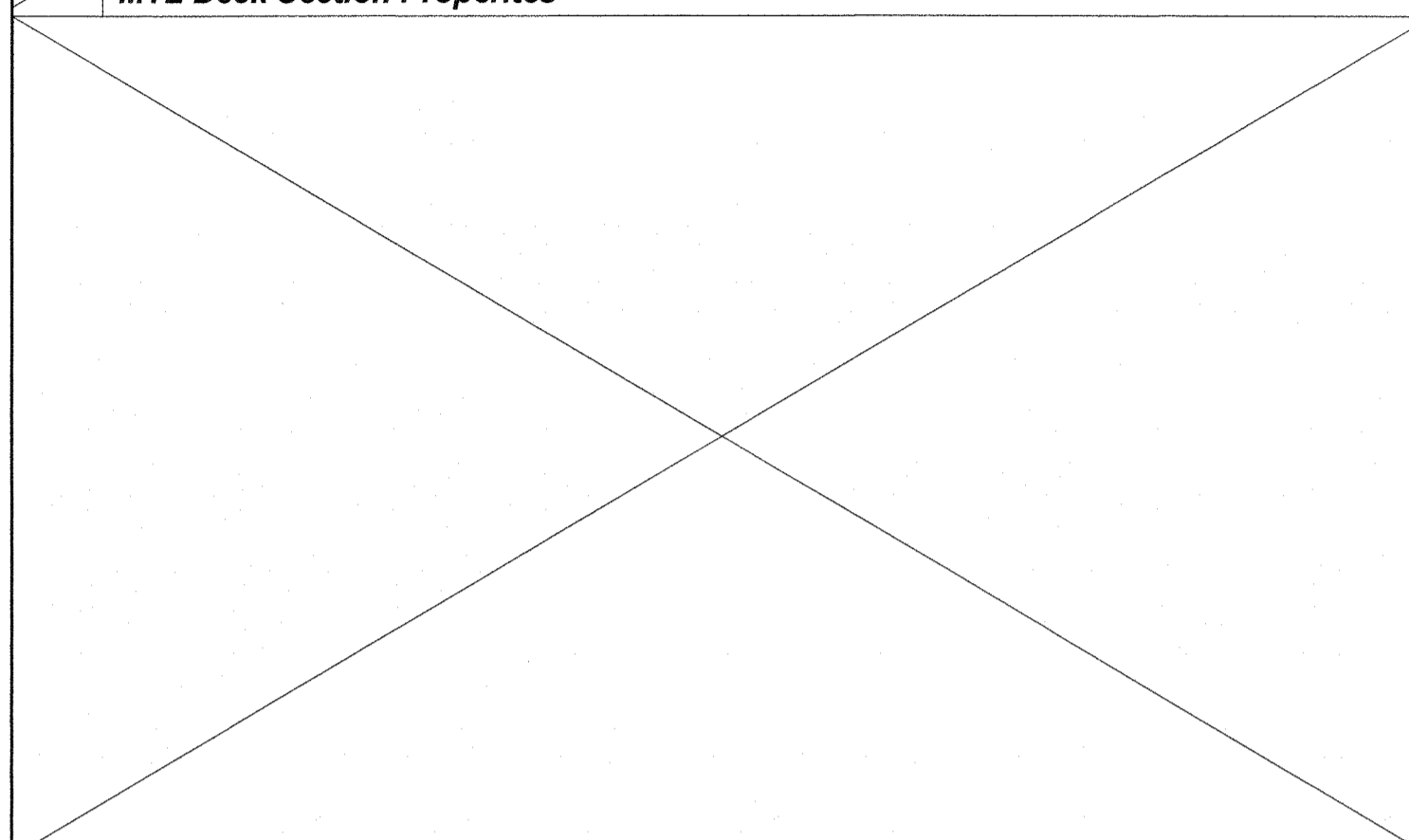
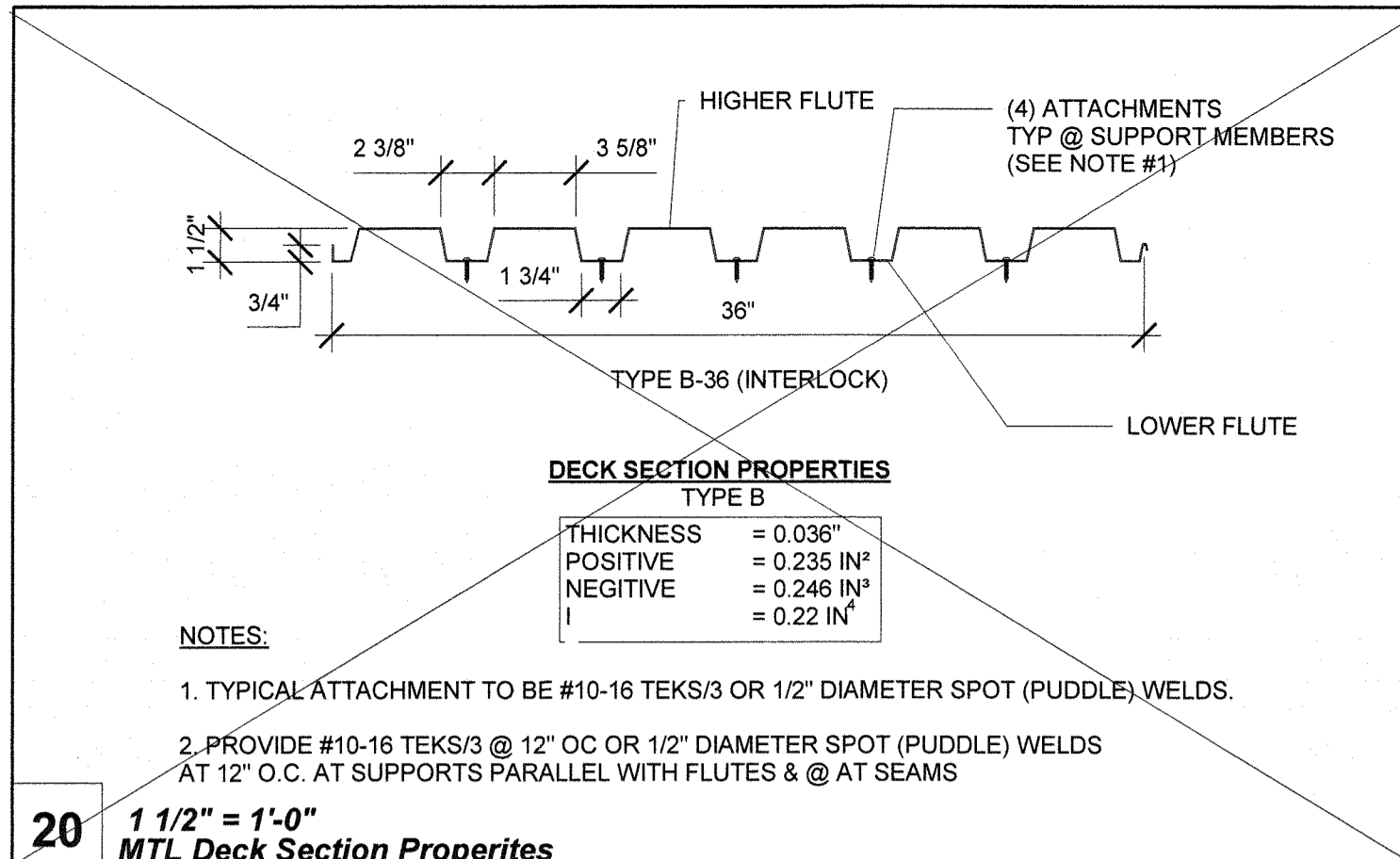
MIDDLE MOD

RIGHT SIDE MOD

Perimeter Floor Beam Schedule			
HT	No Plaster Walls	Plaster Walls	w/ Parapet, 18" max
X 9'	C7x9.8	C7x9.8	C7x9.8
□ 10'	C7x9.8	C7x9.8	C7x9.8

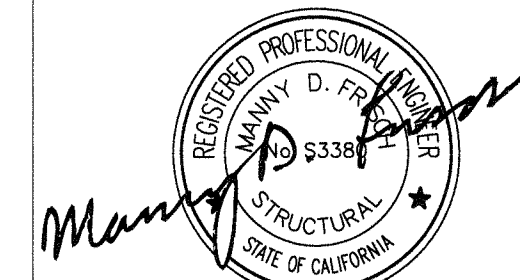
NOTE: SPLICE AT FLOOR BEAM PERMITTED PER 3/S1.2

Column Schedule			
HT	No Plaster Walls	Plaster Walls	w/ Parapet, 18" max
X 9'	5x5X1/4	5x5X1/4	5x5X1/4
□ 10'	5x5X1/4	5x5X1/4	5x5X1/4



- THIS DETAIL IS FOR USE ONLY FOR OPENINGS OR OPENING GROUPS THAT ARE 0'-9" OR SMALLER.
- OPENINGS 2" Ø OR LESS NOT OCCURRING IN THE LOWER FLUTE DO NOT REQUIRE REINFORCING AND MAY BE CORED THRU THE CONCRETE.
- IF "D" IS LESS THAN 32" THEN THE GROUP OF OPENINGS MUST BE BLOCKED OUT WITH ADDITIONAL FRAMING.
- PRIOR TO CONCRETE POUR, BLOCK OUT THE OPENINGS. AFTER THE CONCRETE HAS BEEN CURED THE DECK MAY BE CUT.

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 Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL

FILE NUMBER: STOCK11
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APP. NO: 04-117181 INCR:
 AC_RIM_FLS_EA_SS_KR
 DATE 04/23/2019

PROJECT TITLE
**30' x 32'
 EXPANDABLE TO
 150' x 32'**

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 119201
 ACS_FLS_SS
 DATE JUN 10 2019

Revision Schedule

#	Description	Date

SHEET TITLE
**MONO SLOPE
 ROOF FRM'G PLAN**

PROJECT NUMBER
 17156

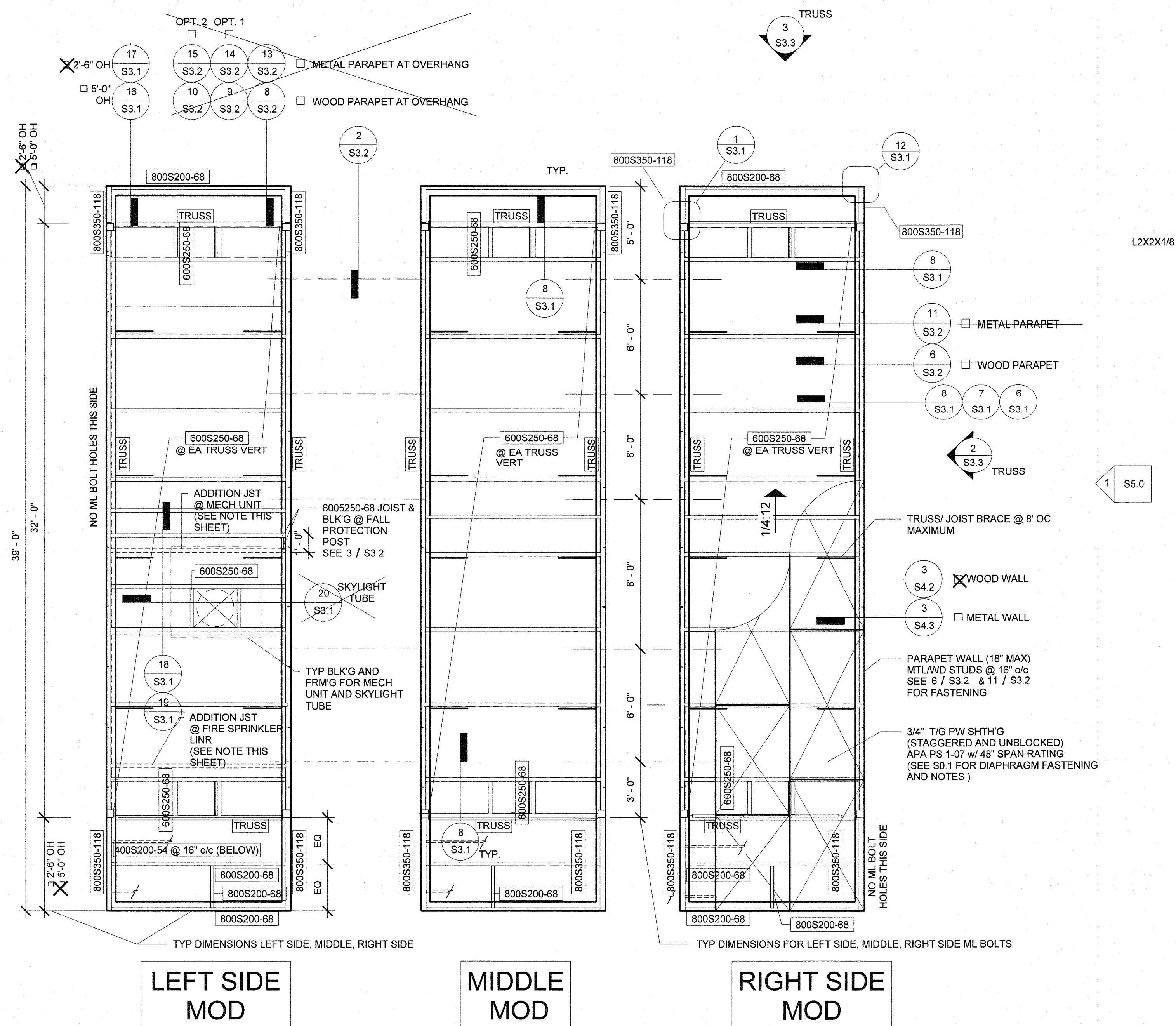
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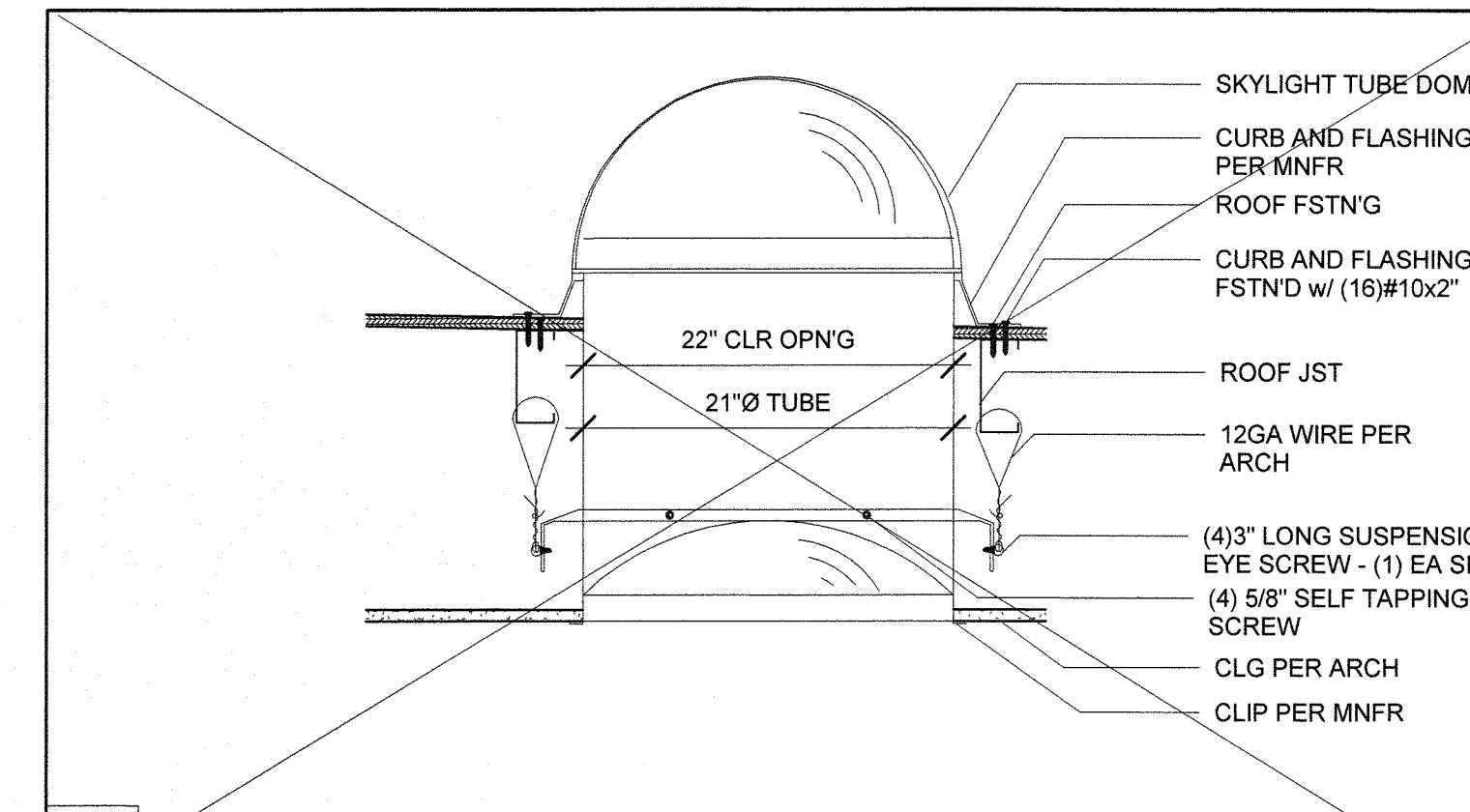
DATE
 10.12.2018

SHEET NO.
S3.0.1

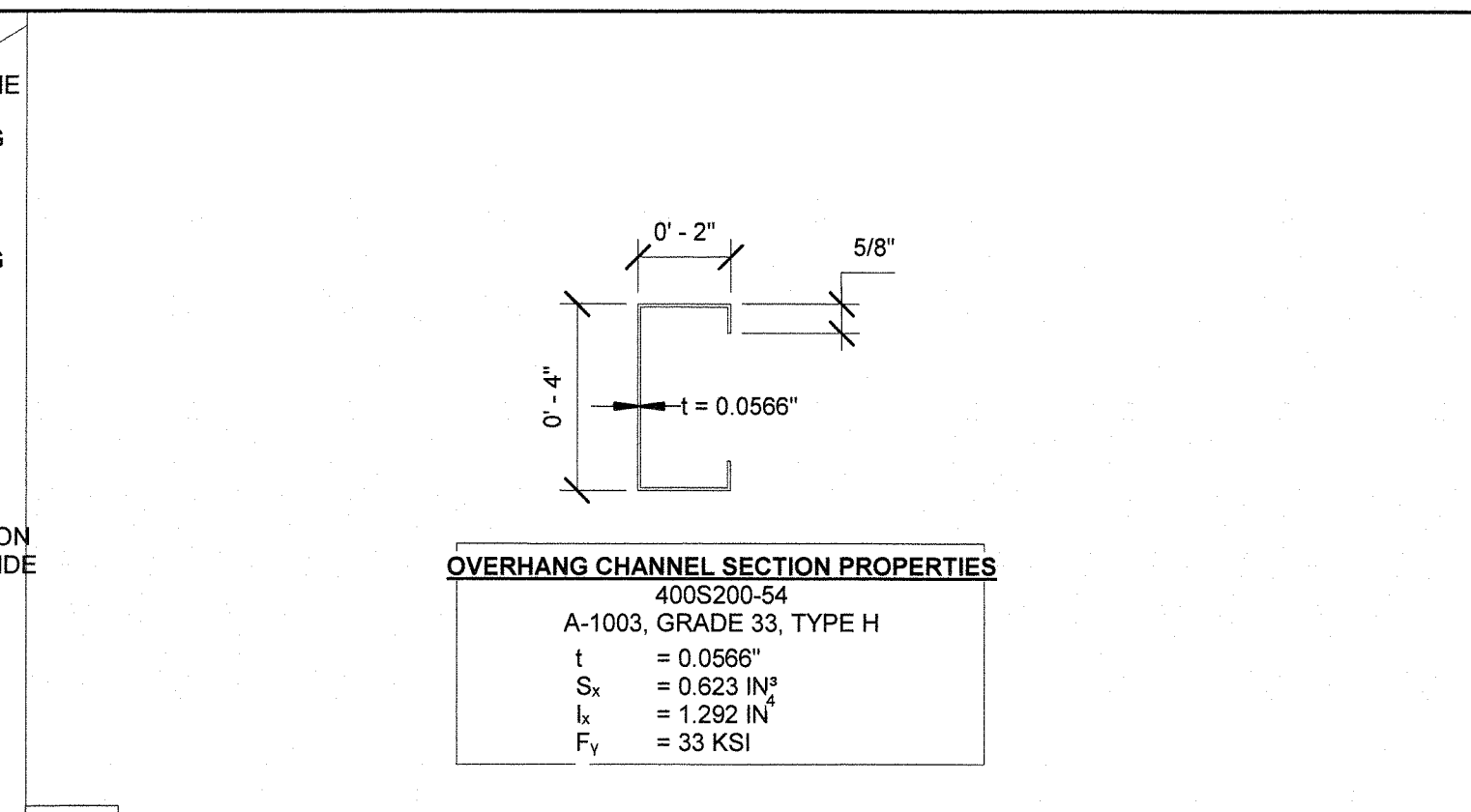
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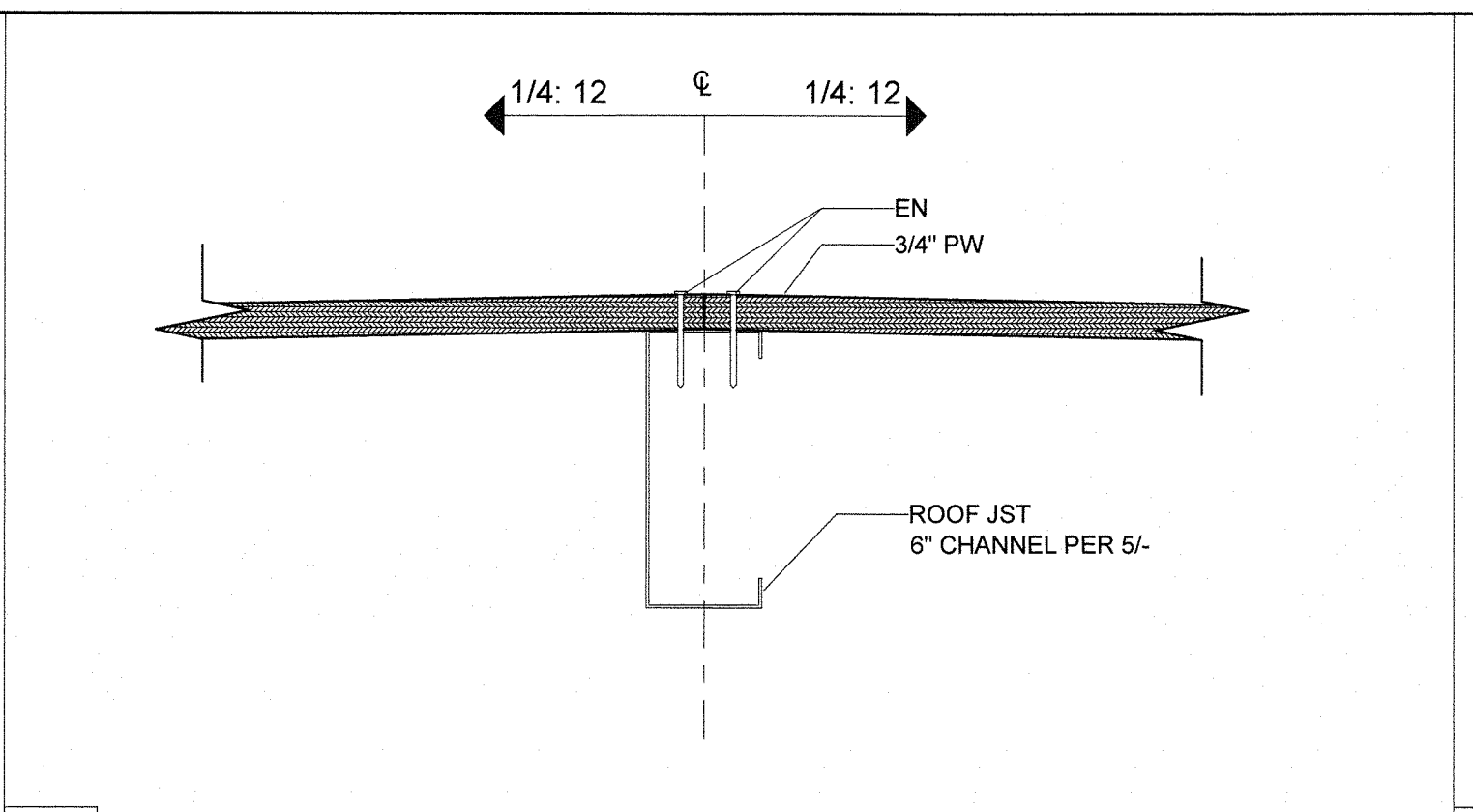
NOTES:
FIRE SPRINKLER
 ADDITIONAL ROOF JOIST FOR FIRE SPRINKLER LINE AS REQ'D
 LOCATION OF FIRE SPRINKLER AND ADDITIONAL JOIST TO BE DETERMINED.
MECHANICAL UNIT (HVAC)
 ALL MECHANICAL UNITS SHALL BE FRAMED WITH ITS OWN ROOF JOISTS
 IN ADDITIONAL TO THE REGULAR ROOF FRAMING.
 FOR ANY MECHANICAL UNIT 750# OR MORE (MAX. 1500#),
 PROVIDE AN ADDITIONAL JOIST ON EITHER SIDE OF THE UNIT.



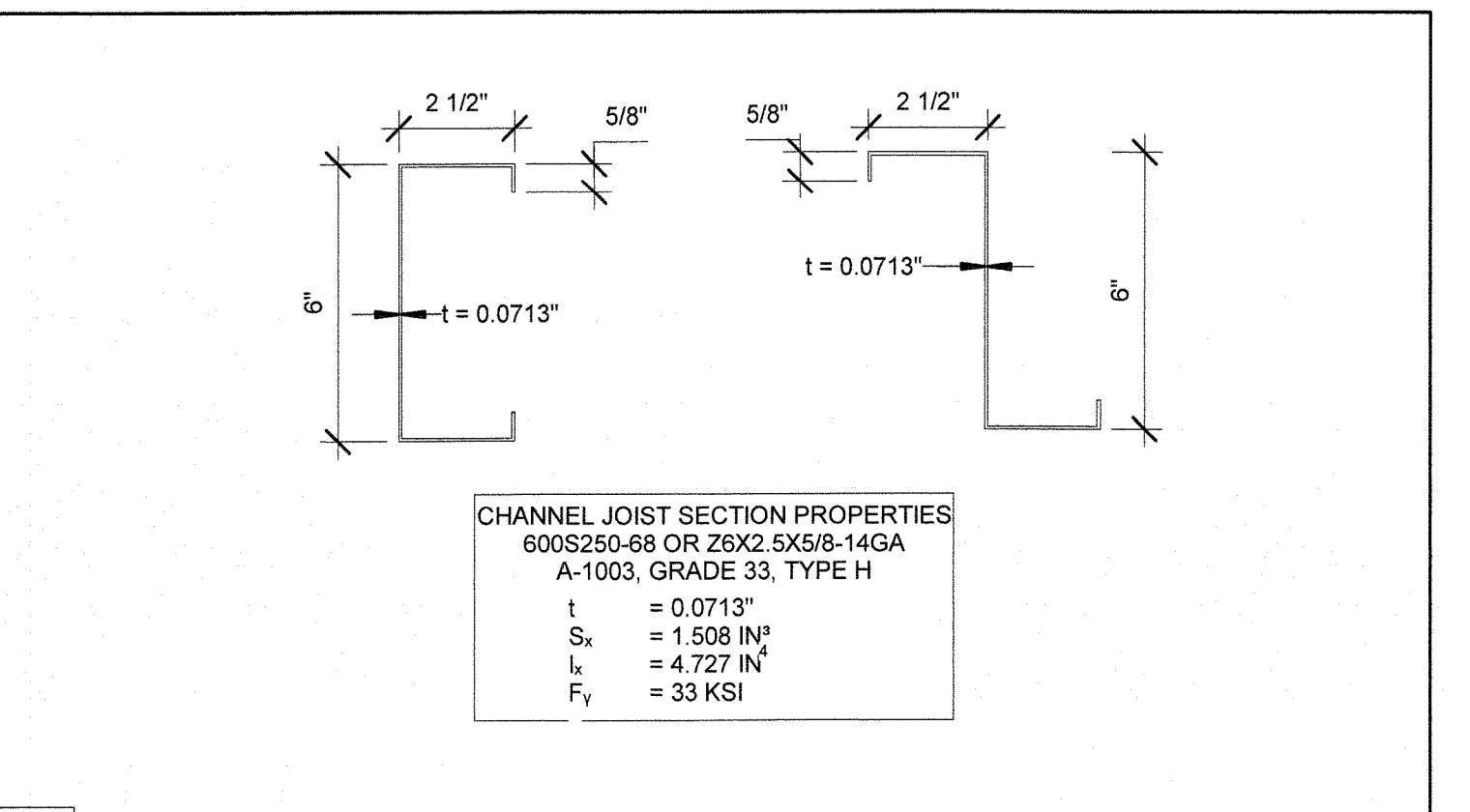
20 1" = 1'-0" SKYLIGHT TUBE



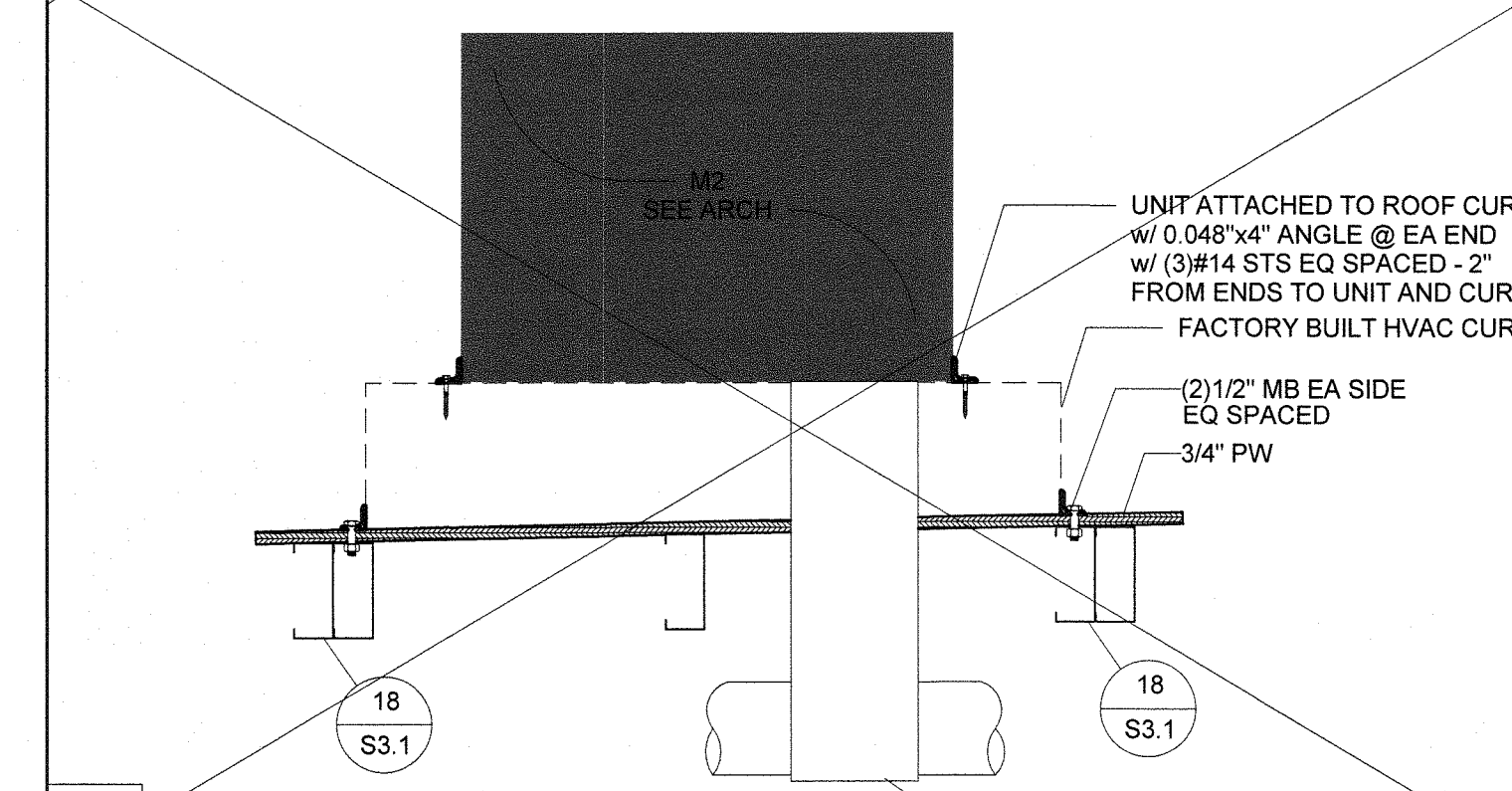
15 3" = 1'-0" Soffit Channel Section Properties



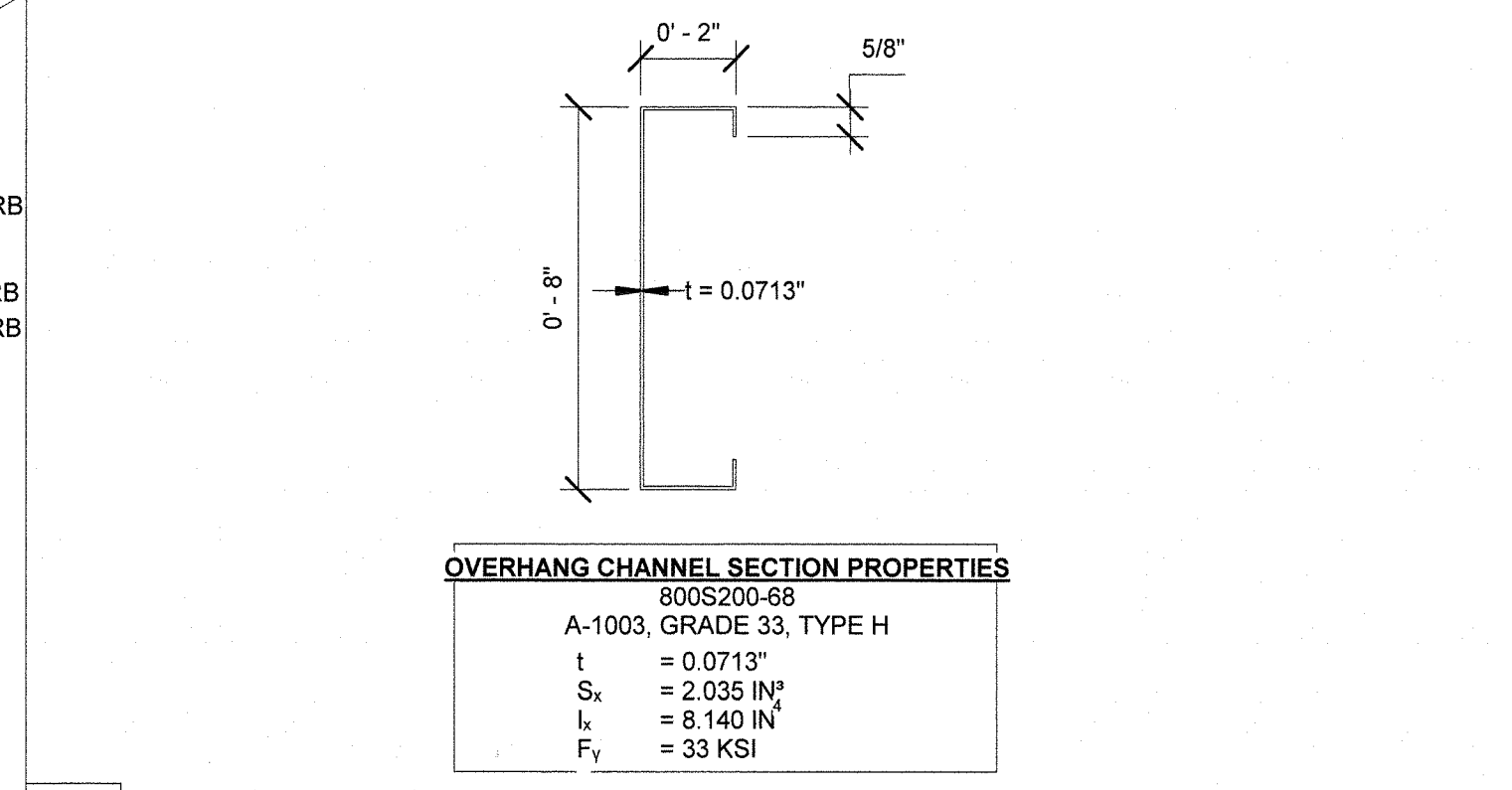
10 3" = 1'-0" Roof @ Ridge



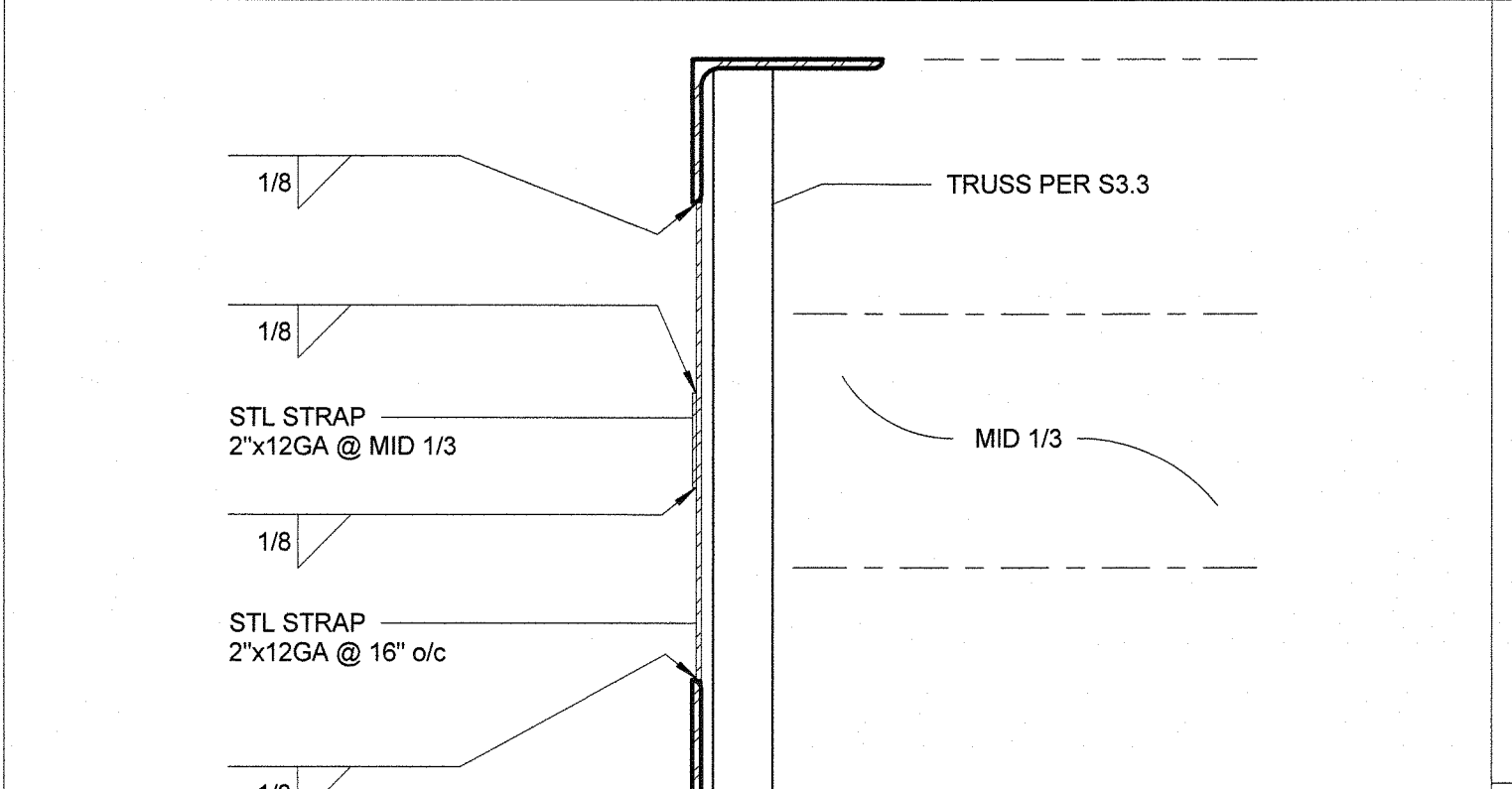
5 3" = 1'-0" Roof Channel Joist Section Properties



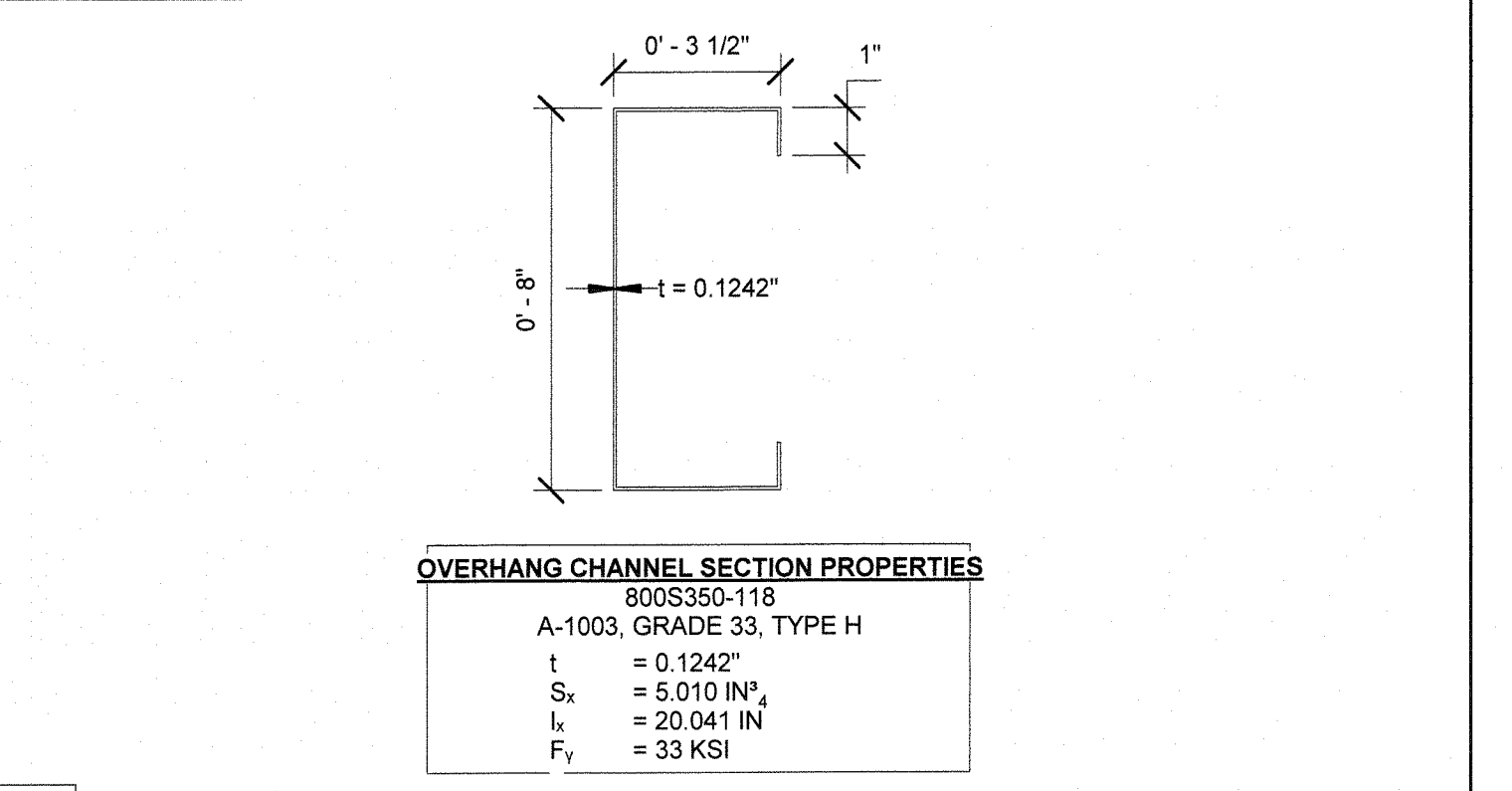
19 1" = 1'-0" HVAC



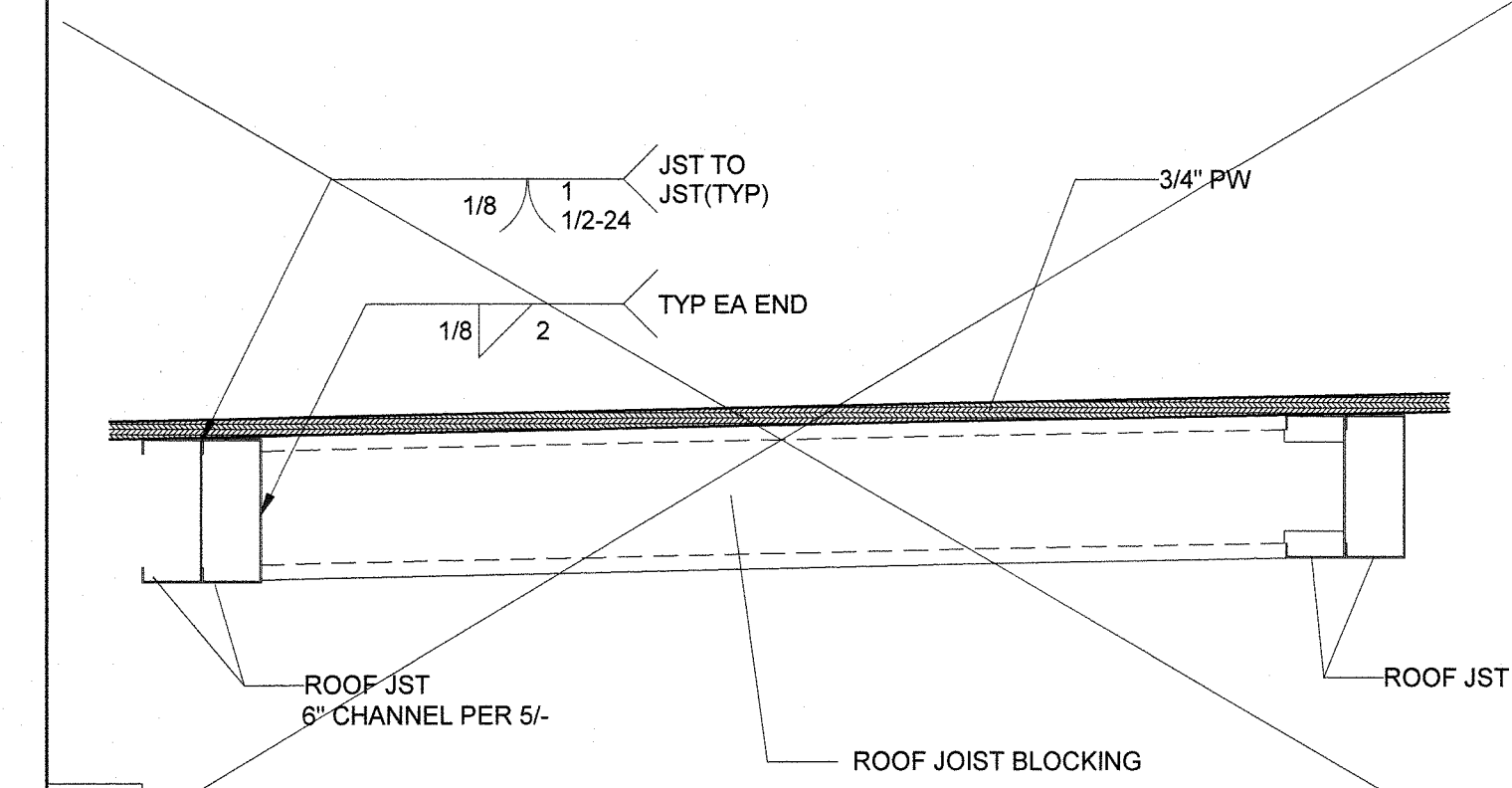
14 3" = 1'-0" Fascia Channel Section Properties



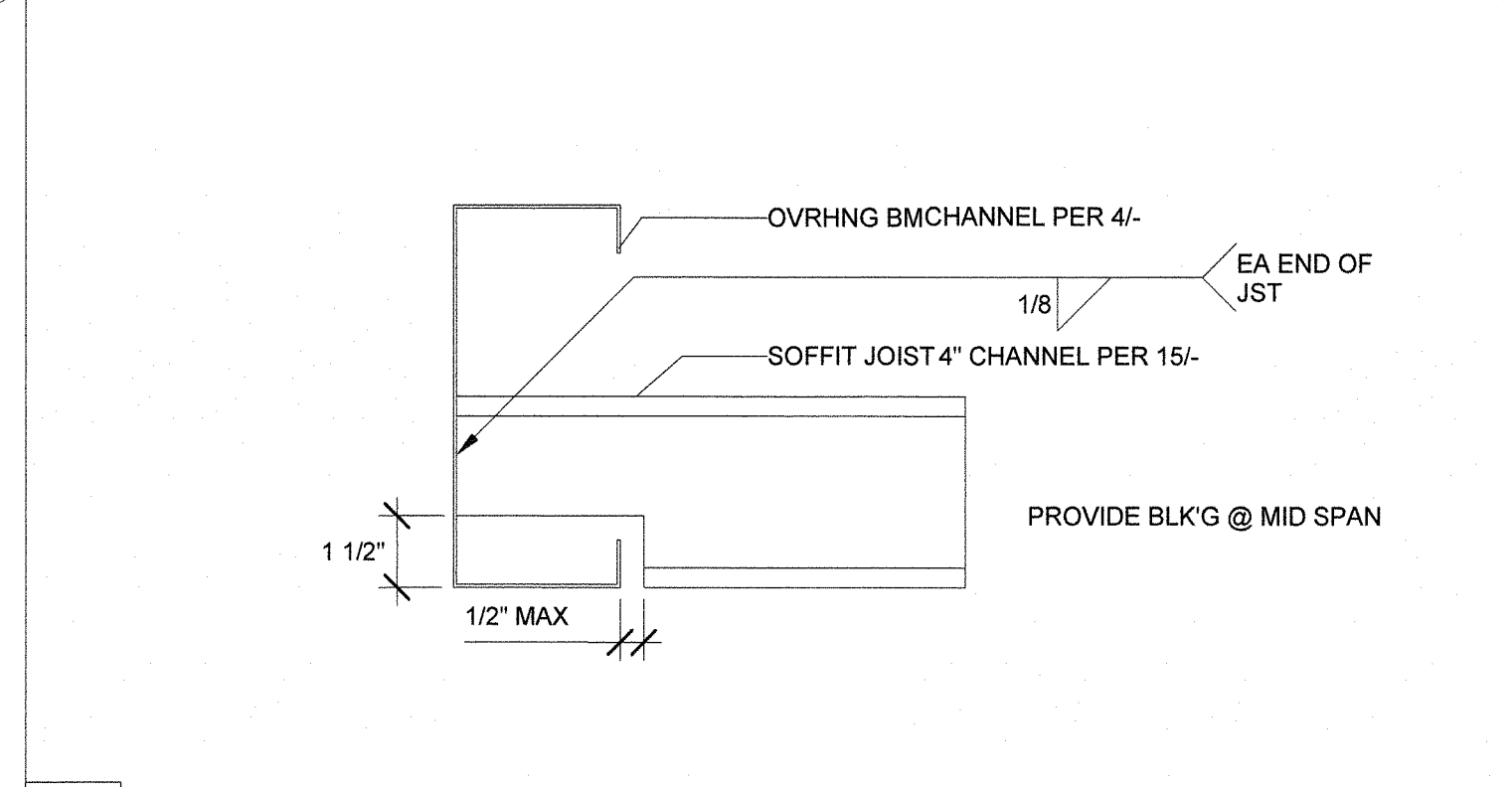
8 1 1/2" = 1'-0" Typ Roof Jst Bracing



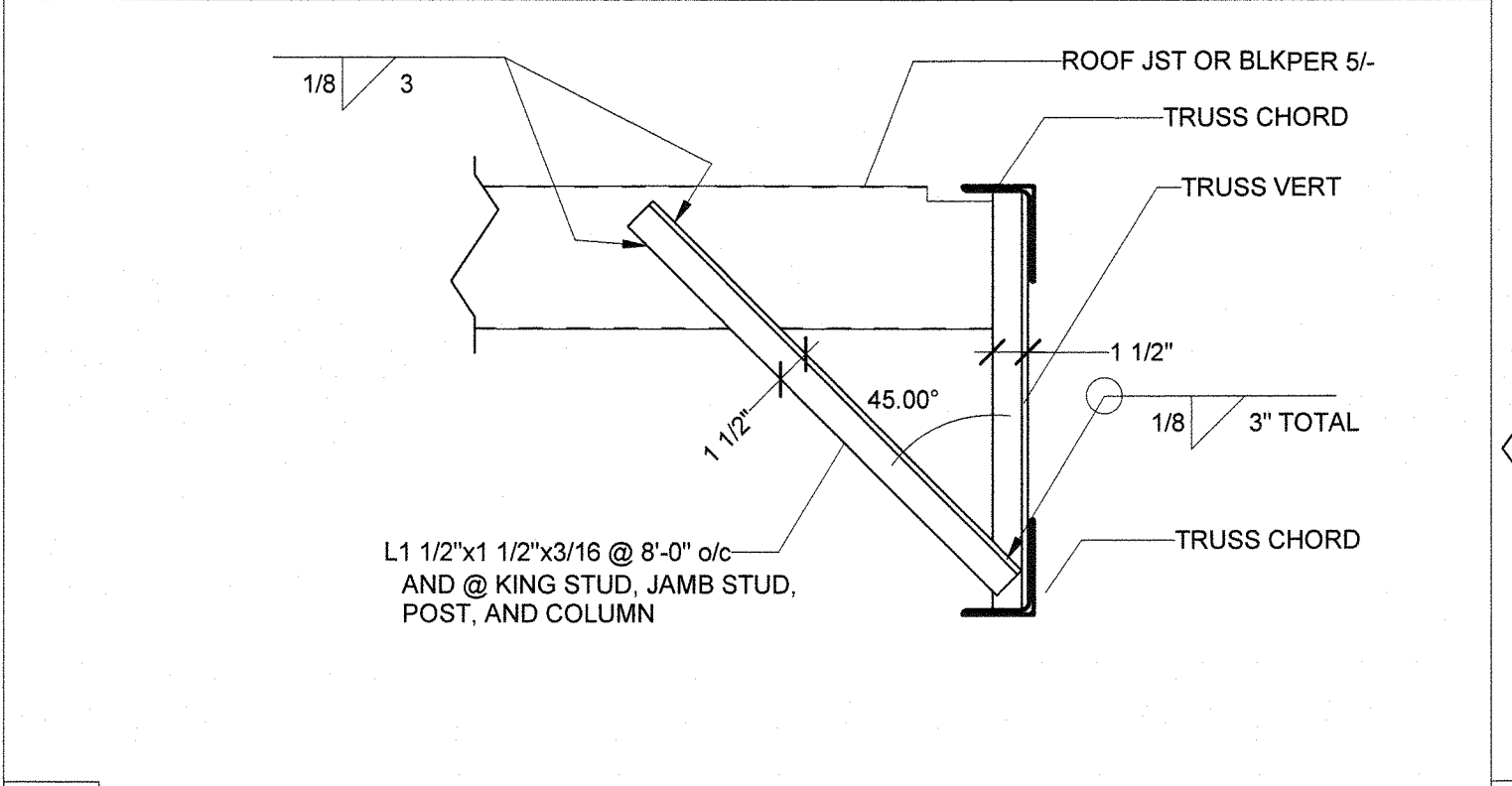
4 3" = 1'-0" Overhang Beam Section Properties



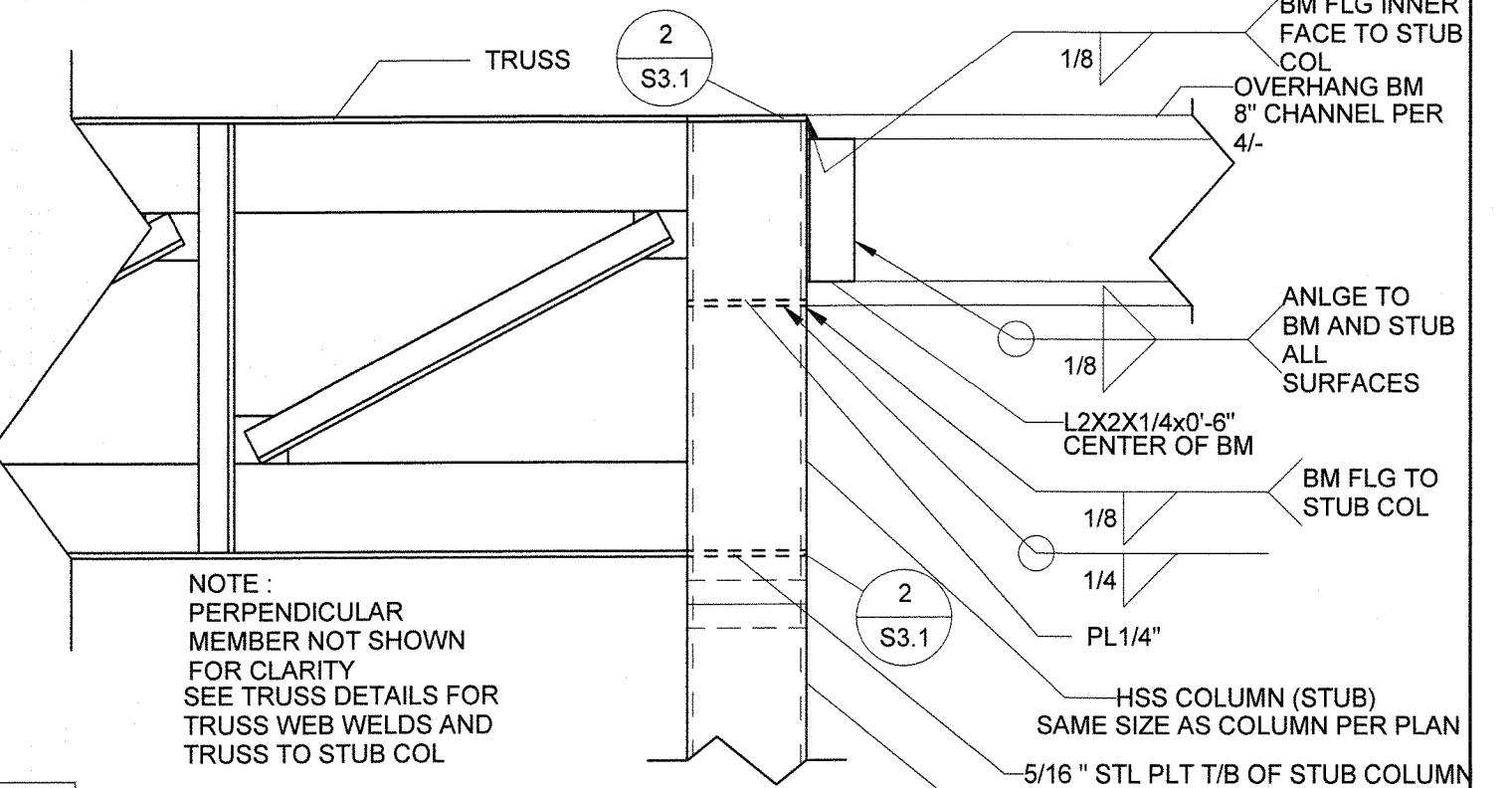
18 1 1/2" = 1'-0" HVAC Frmng



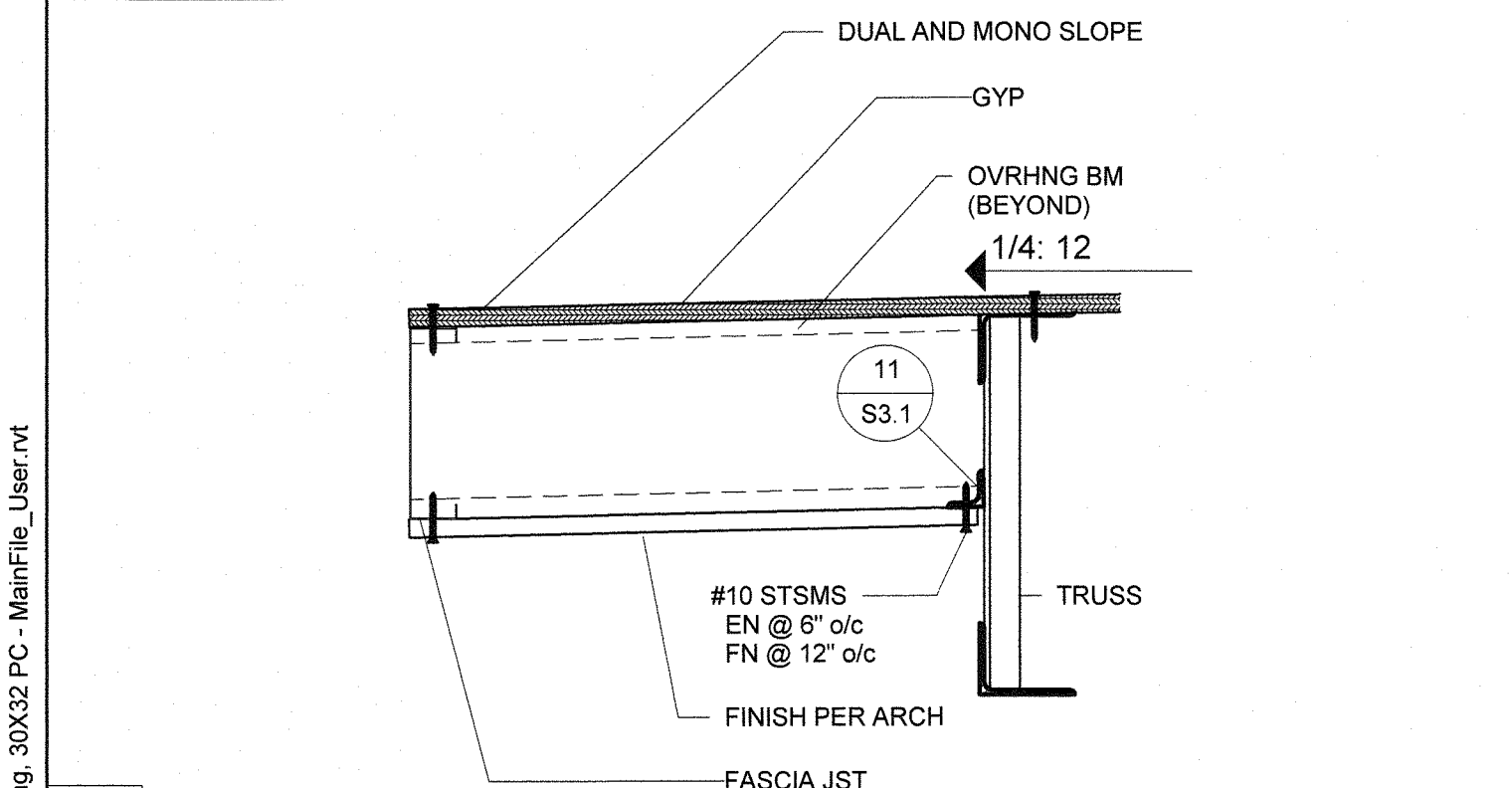
13 3" = 1'-0" Typ Soffit Joist Connection



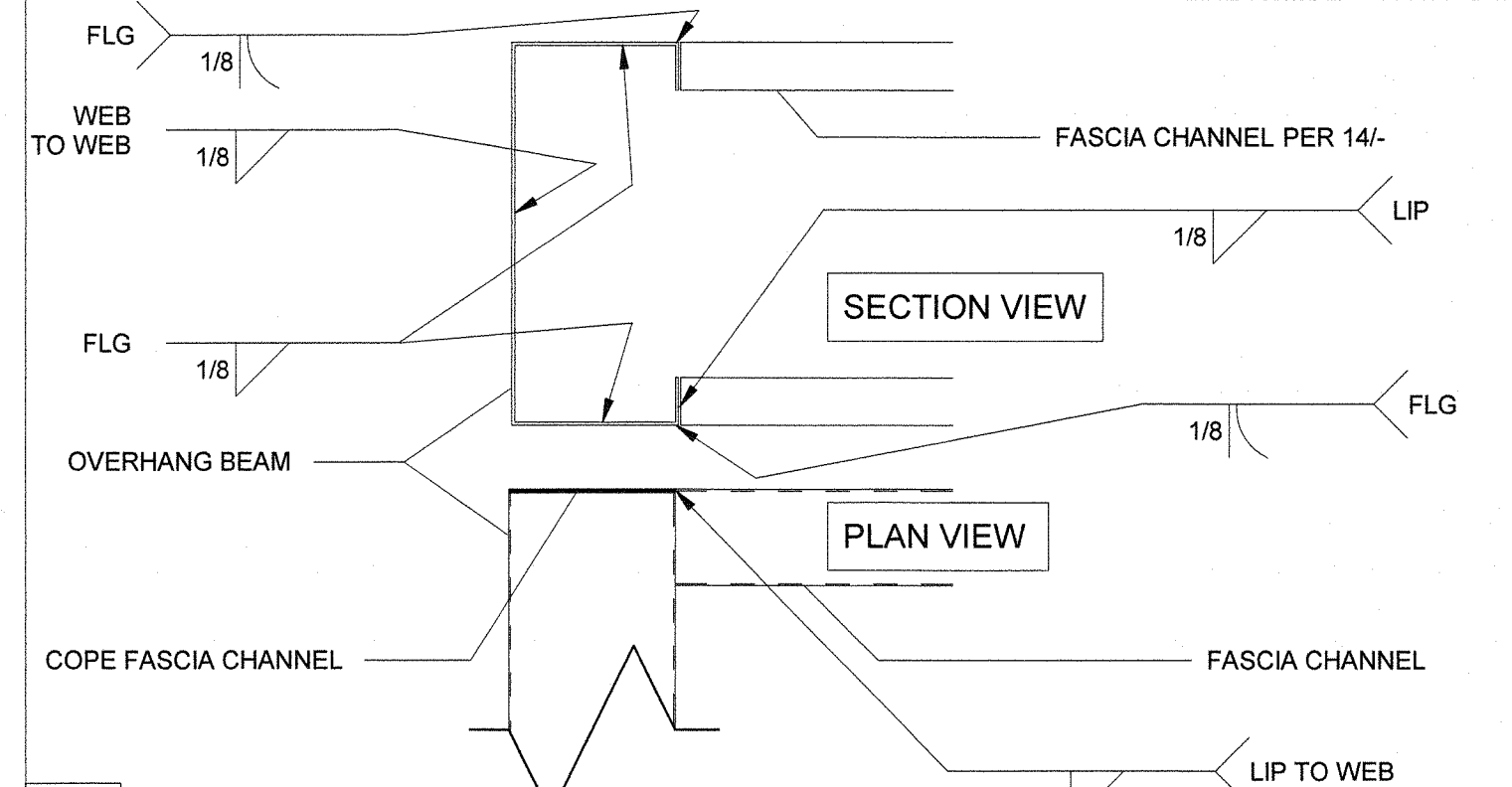
7 3" = 1'-0" Typ Roof Joist Connection @ Truss Chord



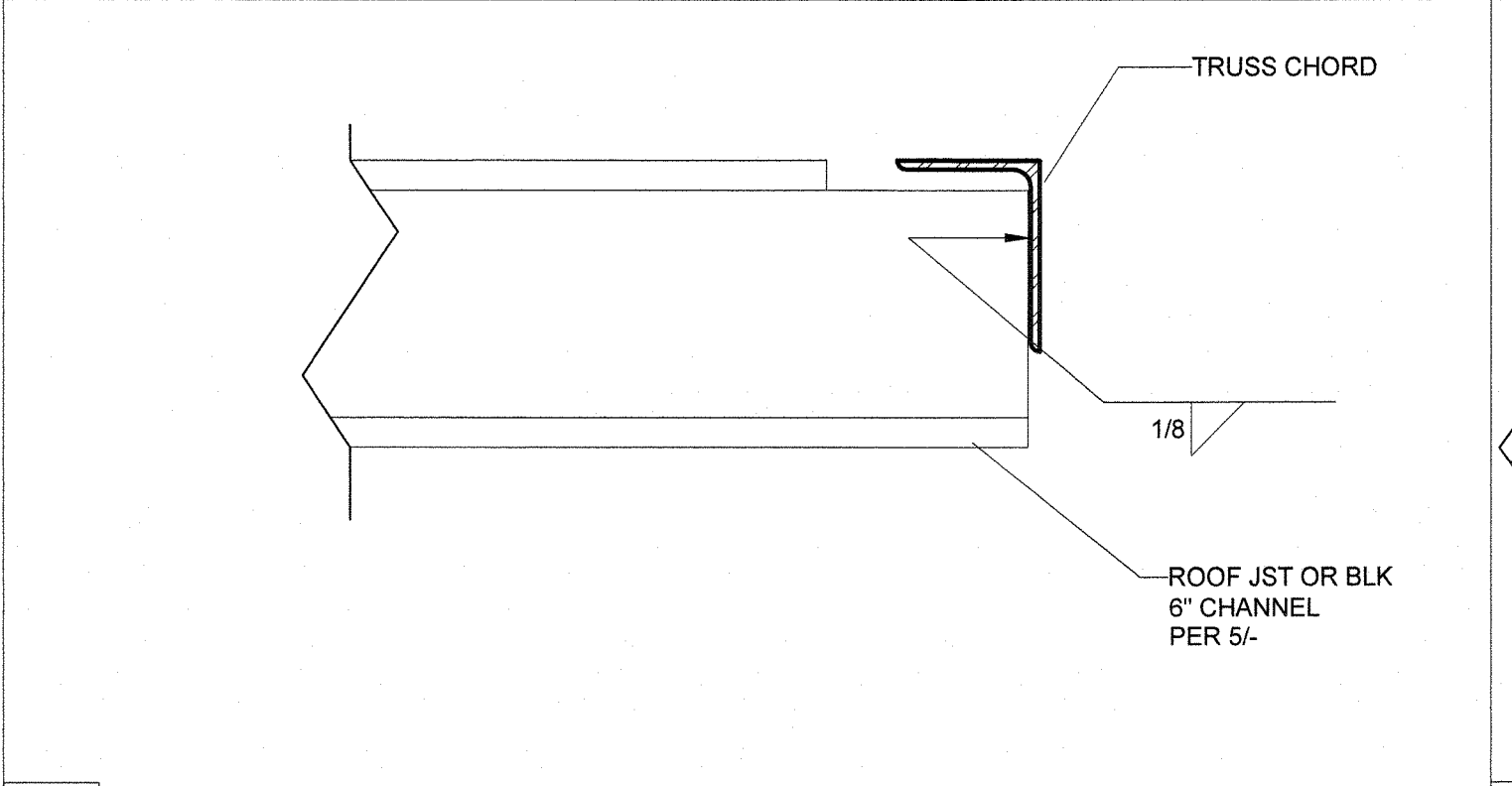
3 1 1/2" = 1'-0" Typ Overhang Beam to Column Connection



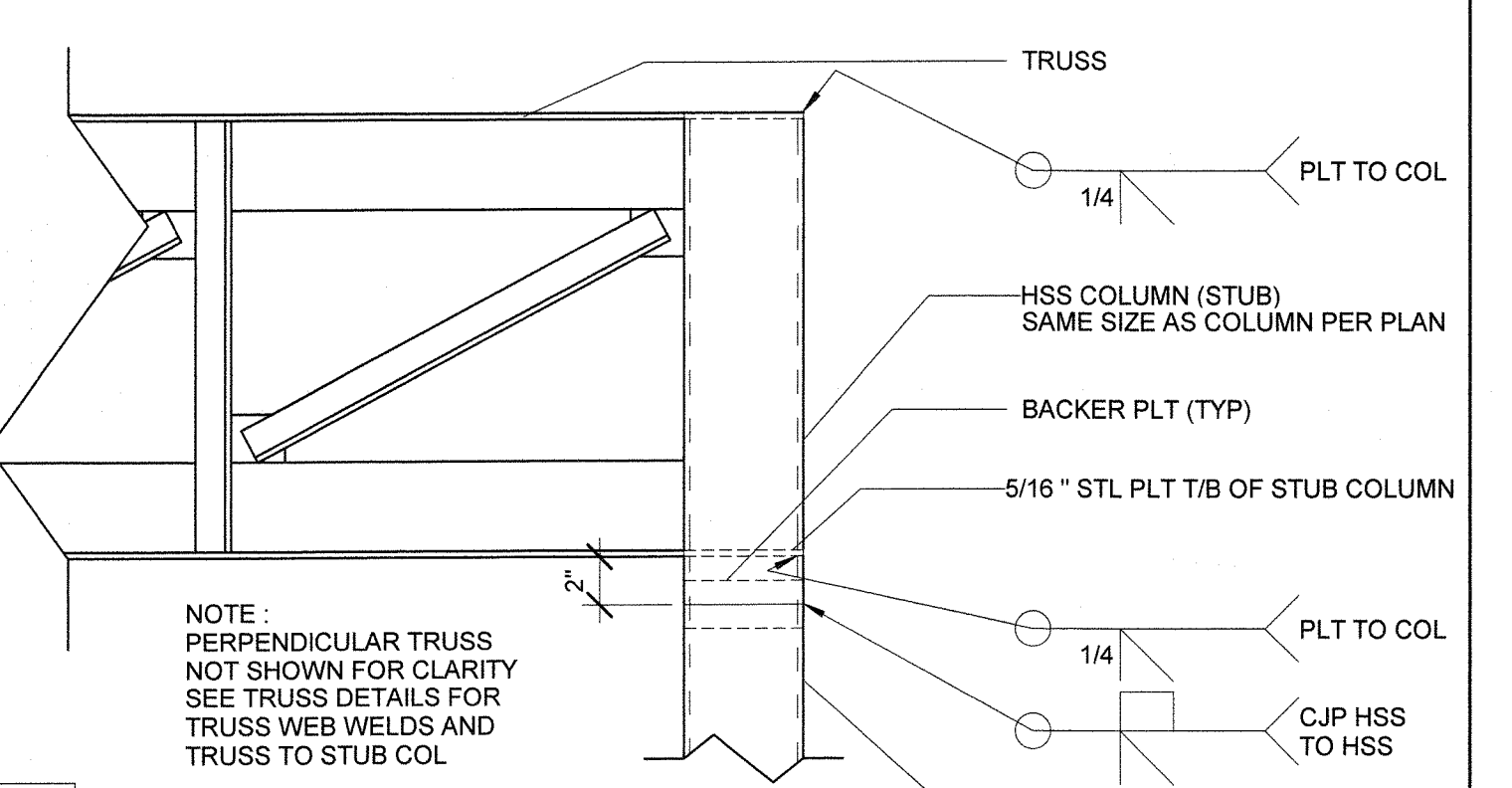
17 1 1/2" = 1'-0" 2'-6" Overhang @ Endwall



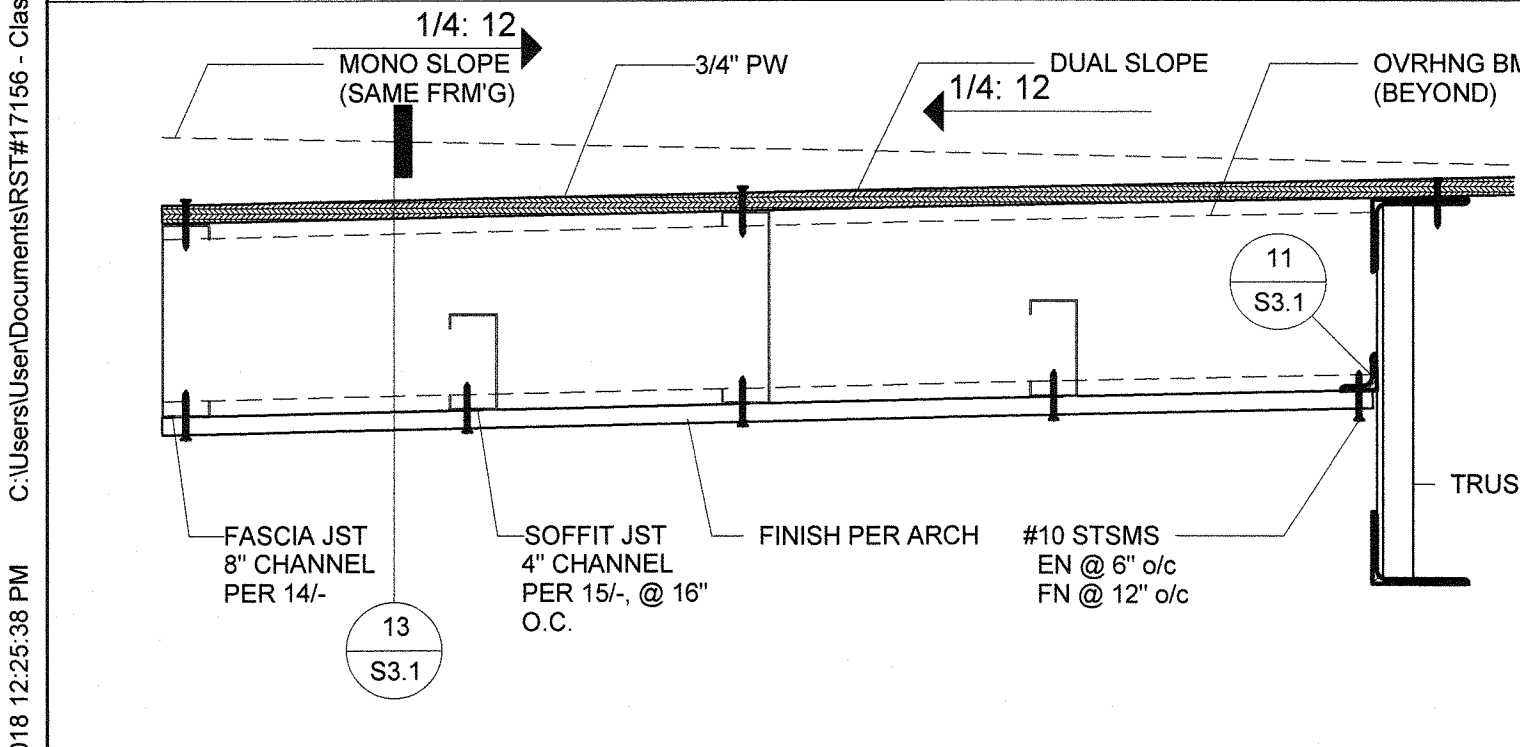
12 3" = 1'-0" Fascia to Overhang Beam



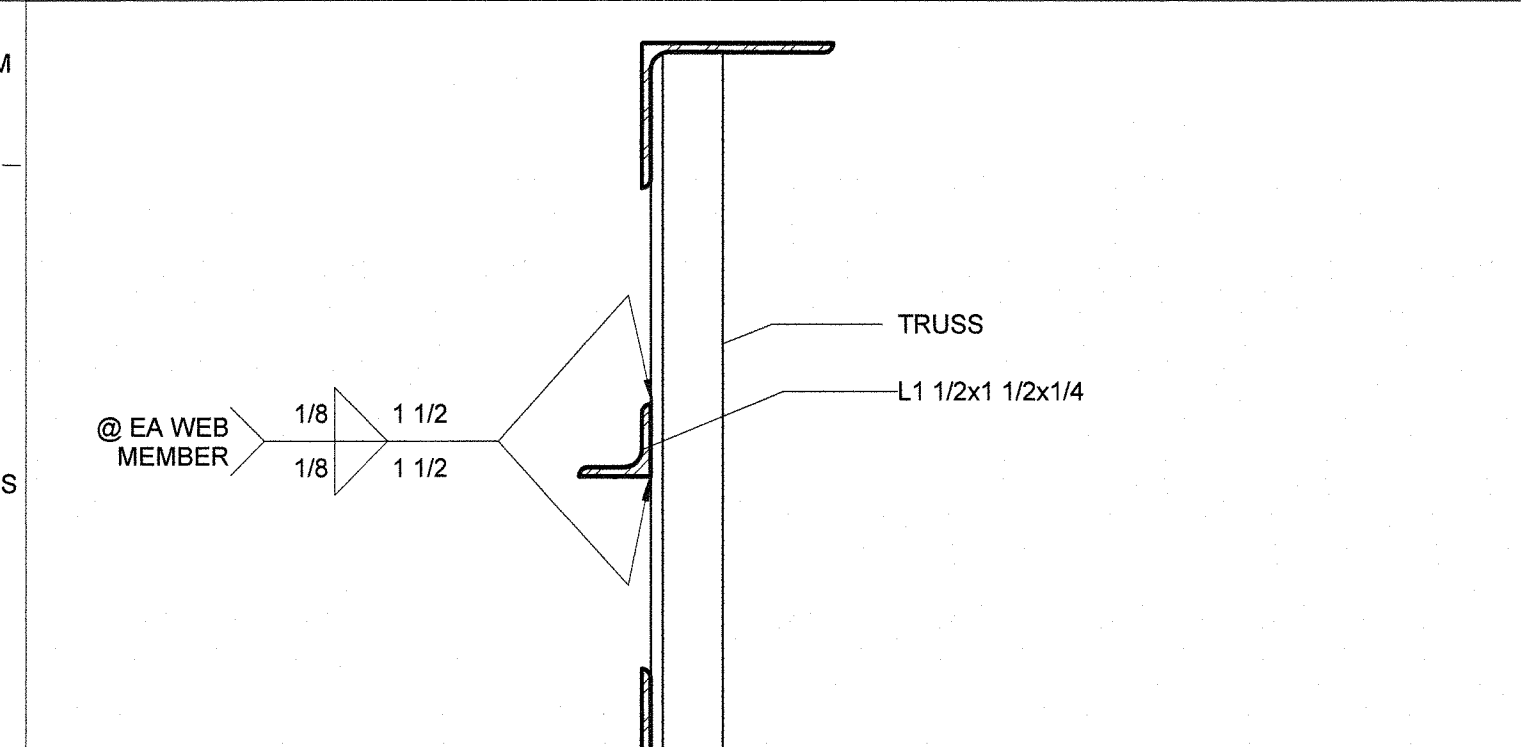
6 3" = 1'-0" Typ Roof Joist Connection @ Truss Vert



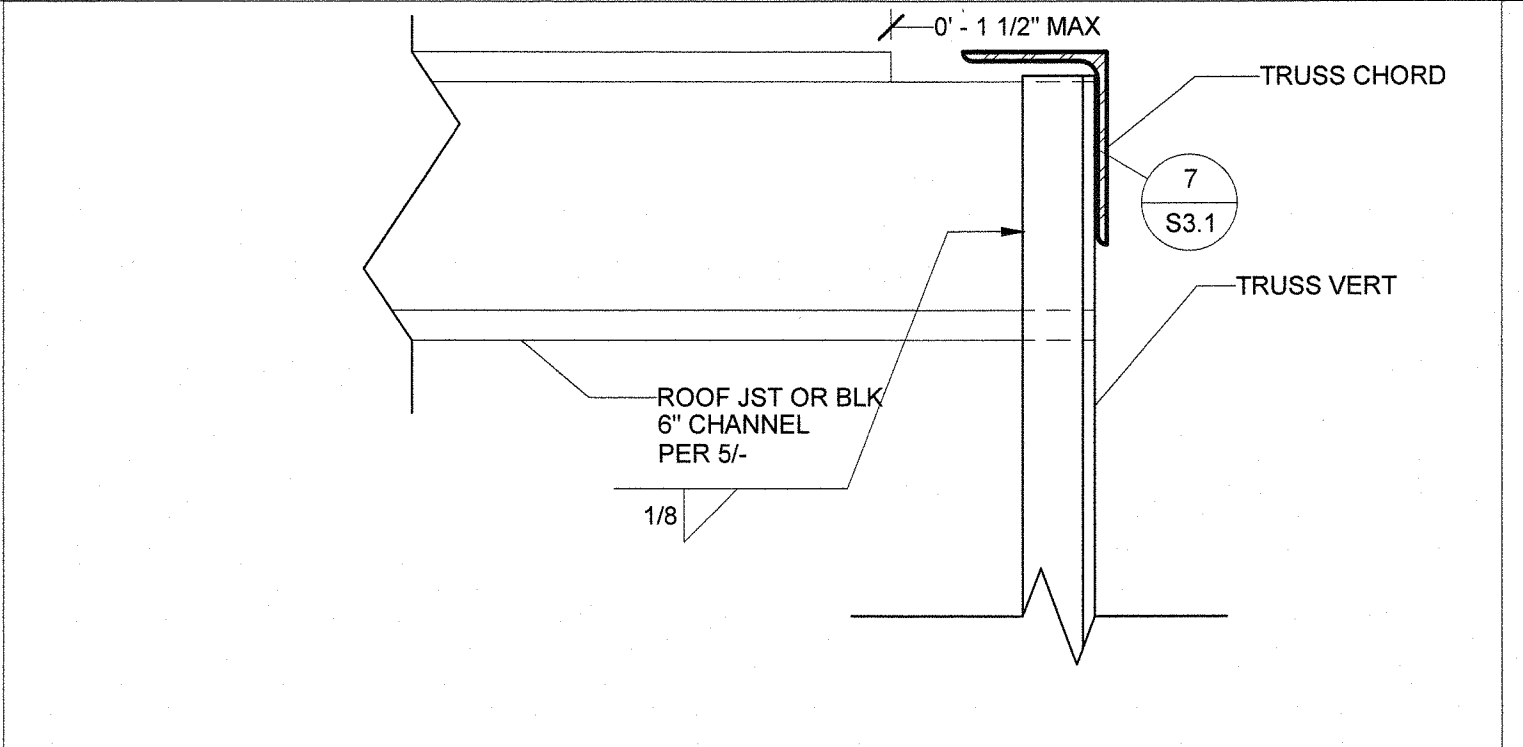
2 1 1/2" = 1'-0" Typ Stub Column Connection



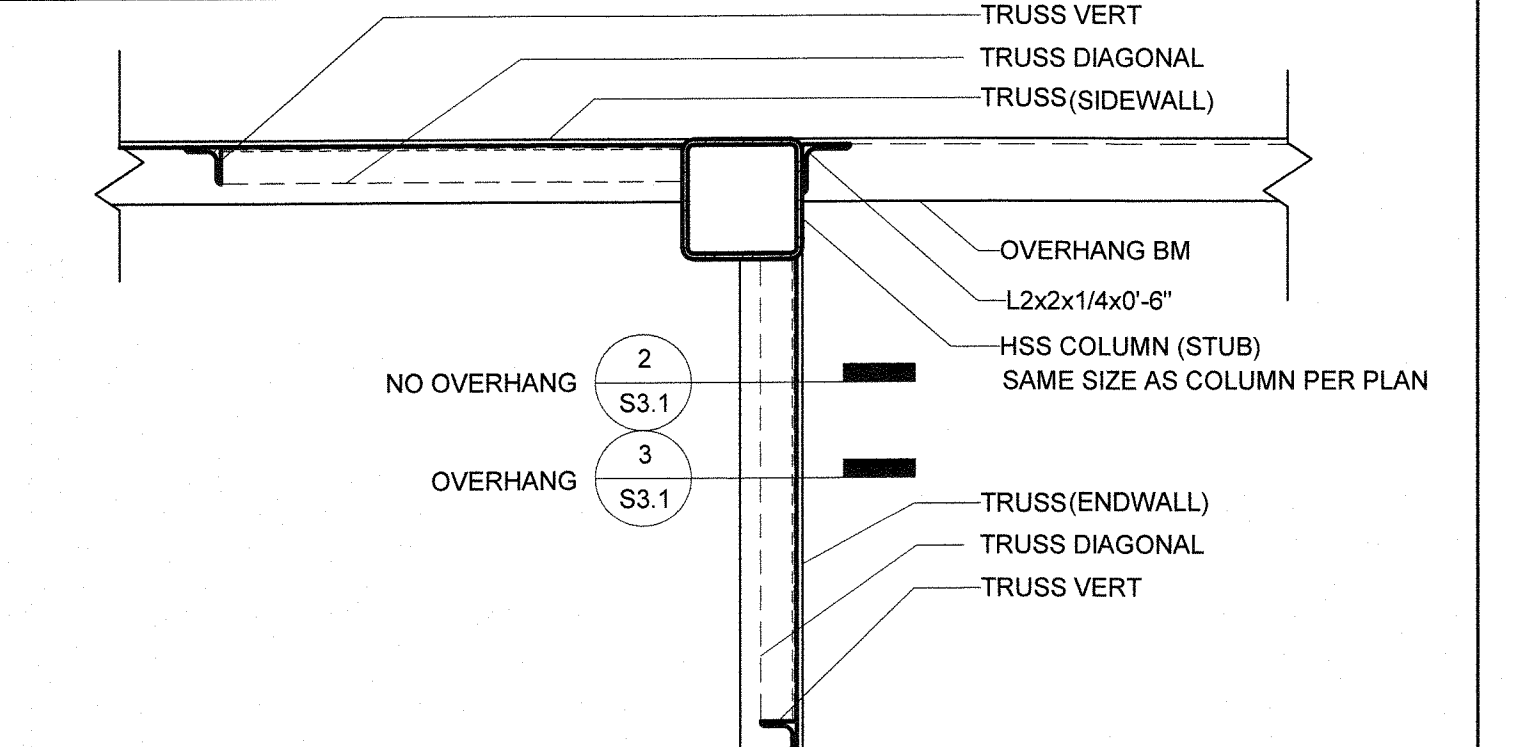
16 1 1/2" = 1'-0" 5'-0" Overhang @ Endwall



11 3" = 1'-0" Angle to Truss



1 1 1/2" = 1'-0" Typ Corner Connection @ Roof



1 1 1/2" = 1'-0" Typ Corner Connection @ Roof



PROFESSIONAL STAMP
 REGISTERED PROFESSIONAL ARCHITECT
 MARY D. FRY
 04/26/2018

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 1221 Harley Knox Boulevard
 Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL
 FILE NUMBER: STOCK11
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 DIV. OF THE STATE ARCHITECT
 04 119201
 ACS FLS SS KR
 DATE JUN 1 0 2020

Revision Schedule

#	Description	Date

SHEET TITLE
STRUCTURAL DETAILS (ROOF)

PROJECT NUMBER
 17156

DRAWN BY
 rMc/SC

CHECKED BY
 JA/RT

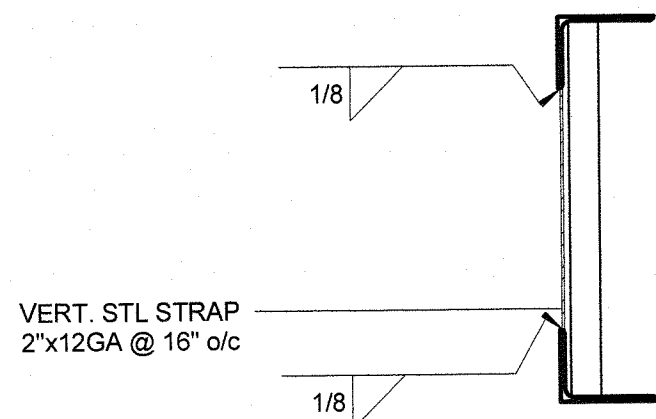
DATE
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SHEET NO.
S3.1

SHEET OF SHEETS

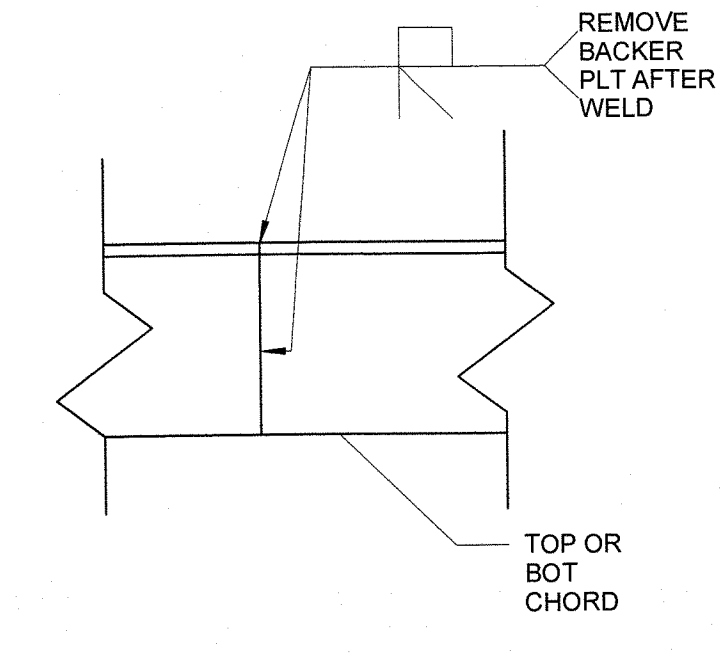
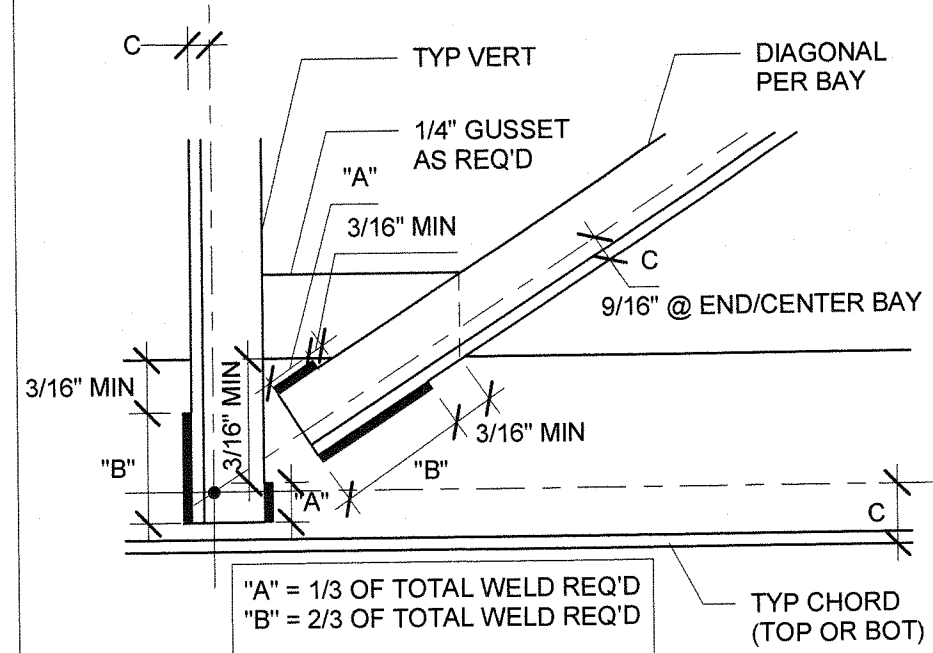
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TABLE A-SECTION CENTROID	
SECTION	CENTROID C
L4X3 (LLV)	1 1/4"
L4X3 (LLH)	3/4"
L2X2X3/16	9/16"
L1.5X1.5X3/16	7/16"



HORIZ. STL STRAP
2"x12GA @ ENDWALL ONLY

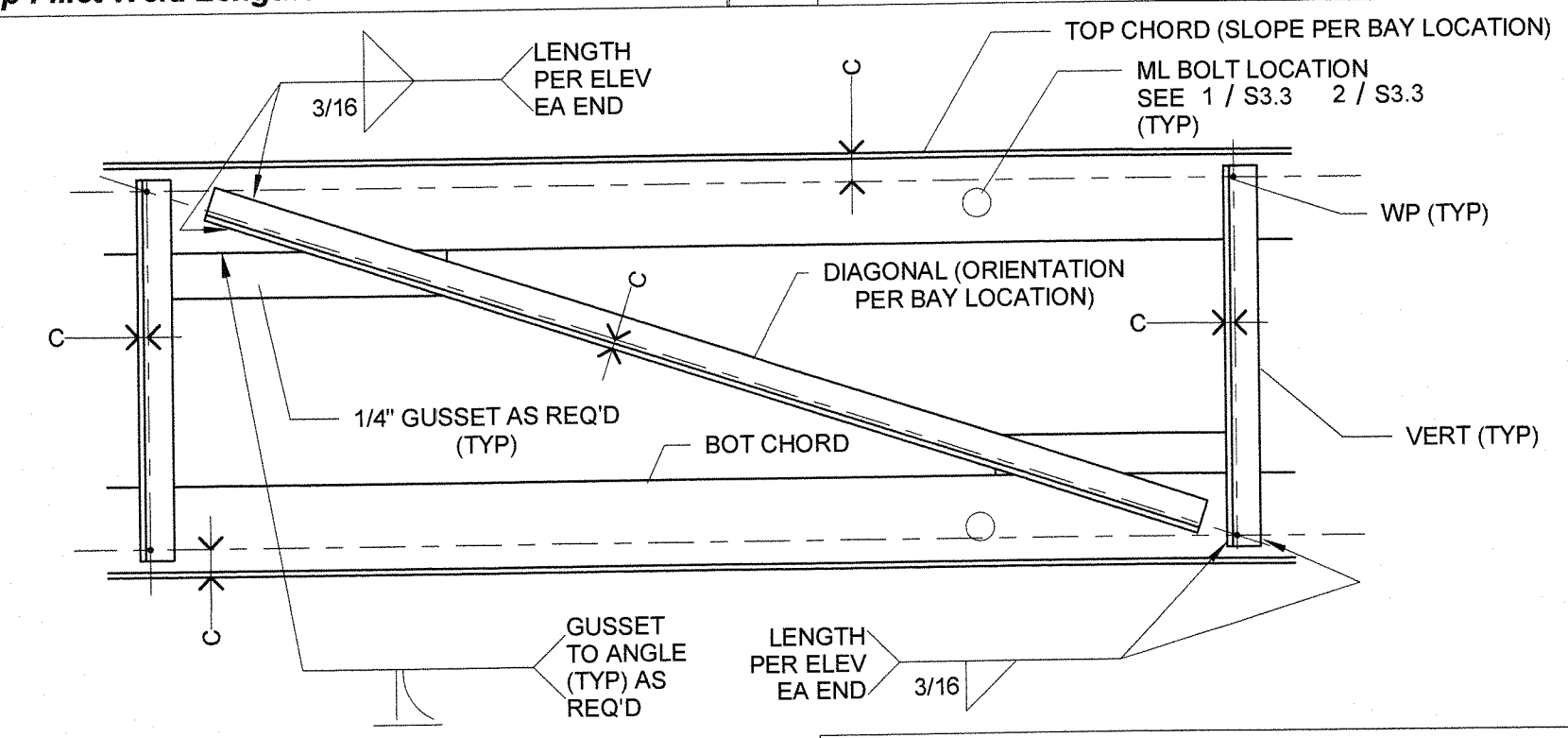
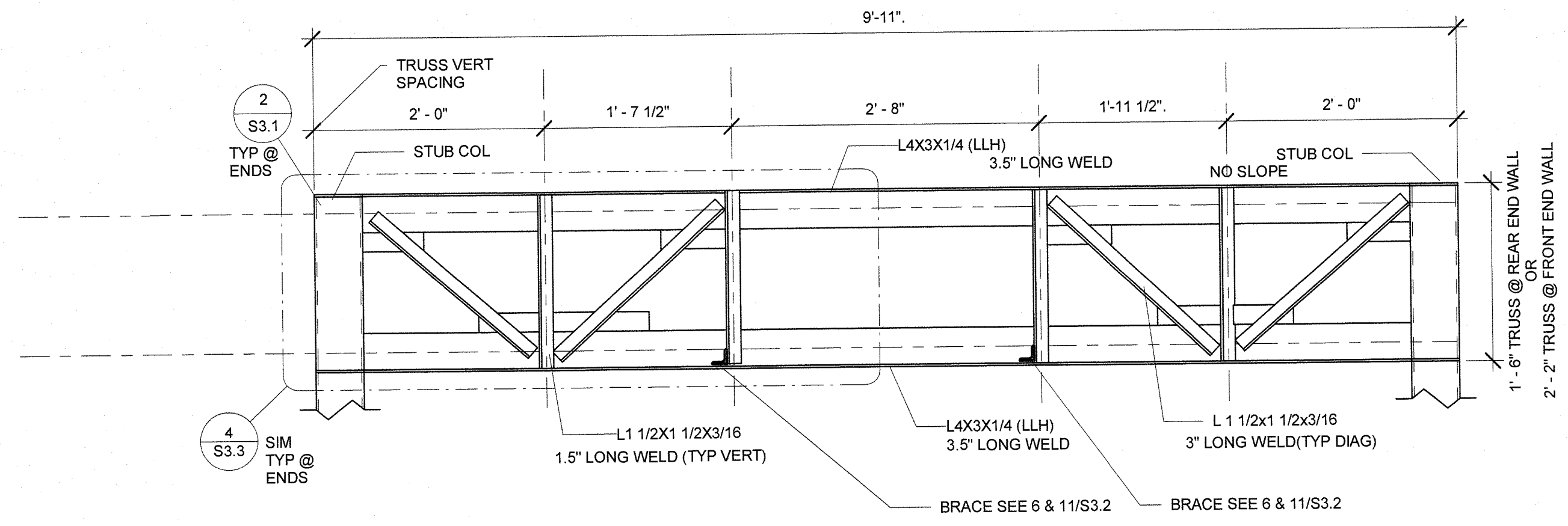
VERT. STL STRAP
2"x12GA @ 16" o/c



12 1/2" = 1'-0"
TABLE A - SECTION CENTROID

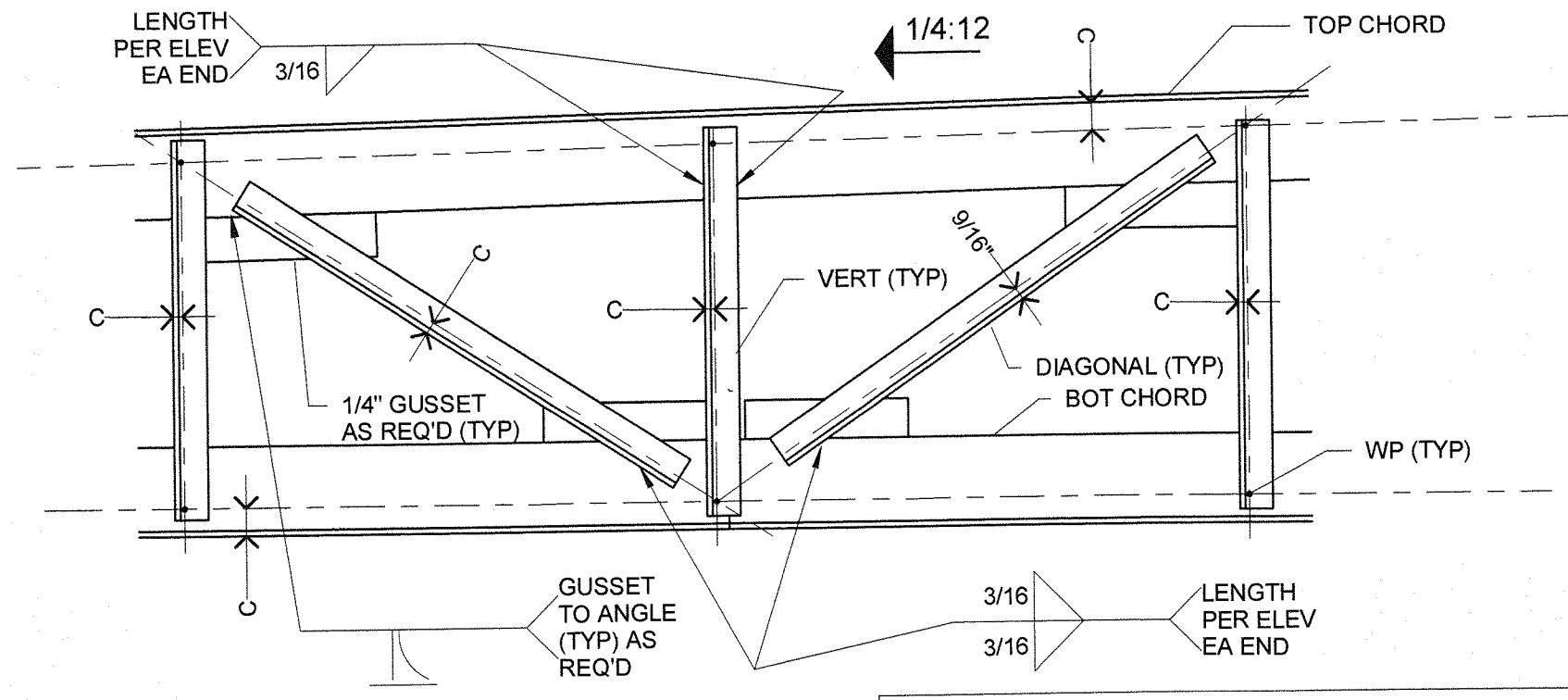
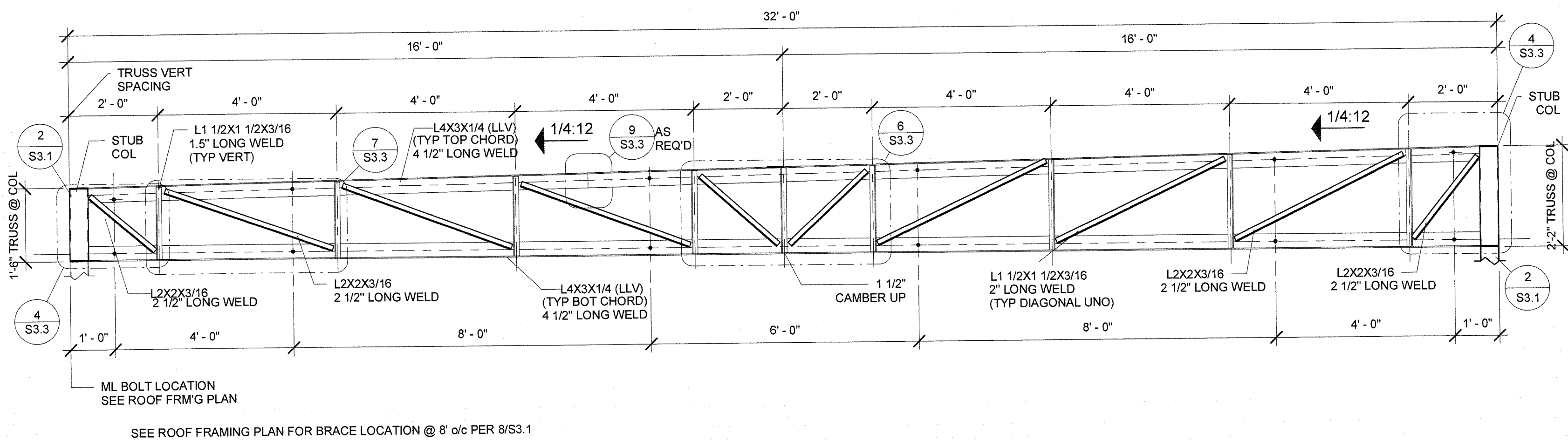
8 3" = 1'-0"
Typ Fillet Weld Lengths

9 3" = 1'-0"
Typ Truss Chord Splice



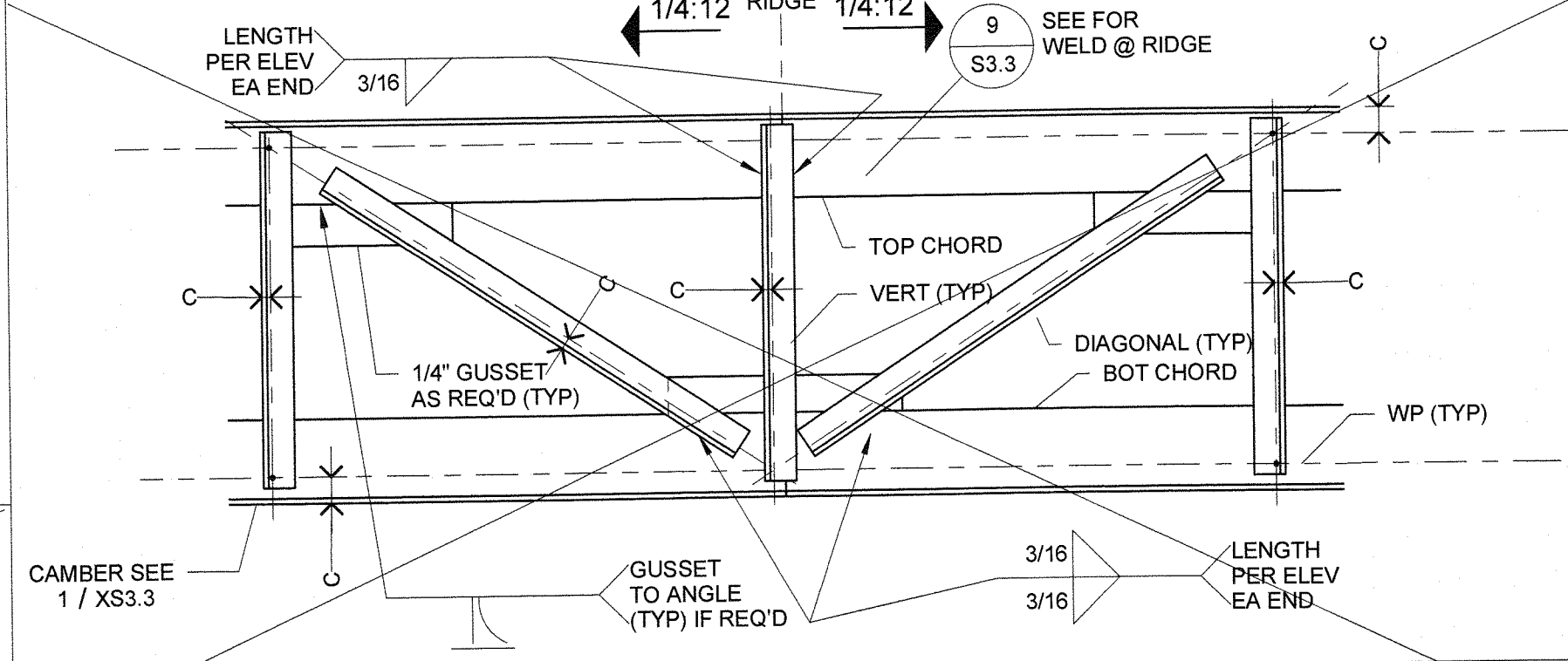
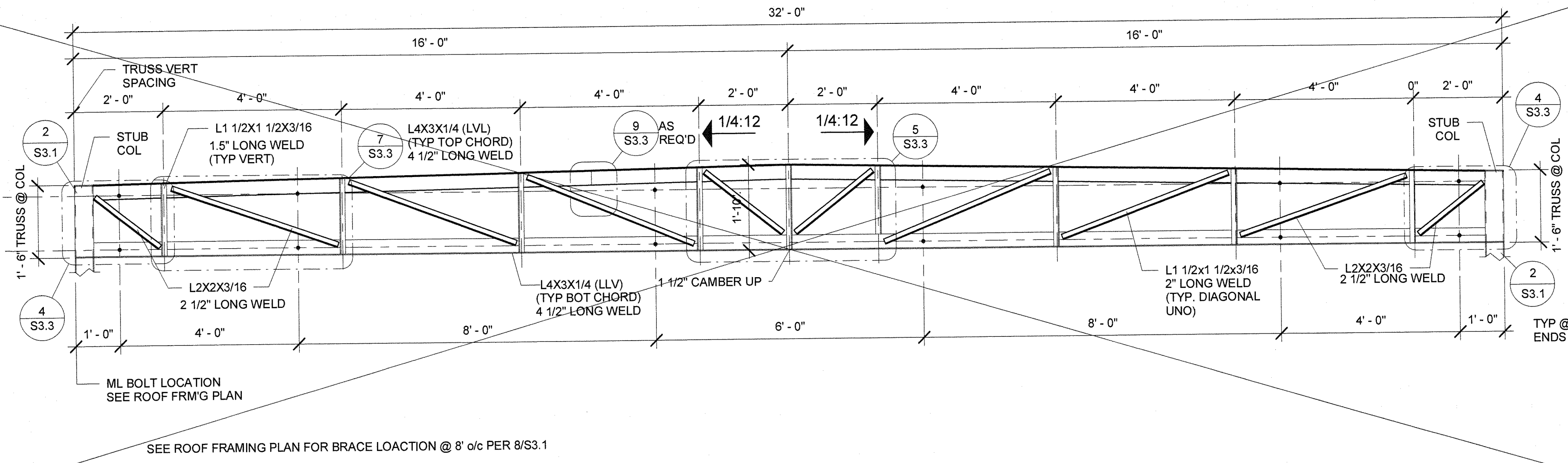
3 1" = 1'-0"
End Wall Truss

7 1 1/2" = 1'-0"
Typ Truss Bay



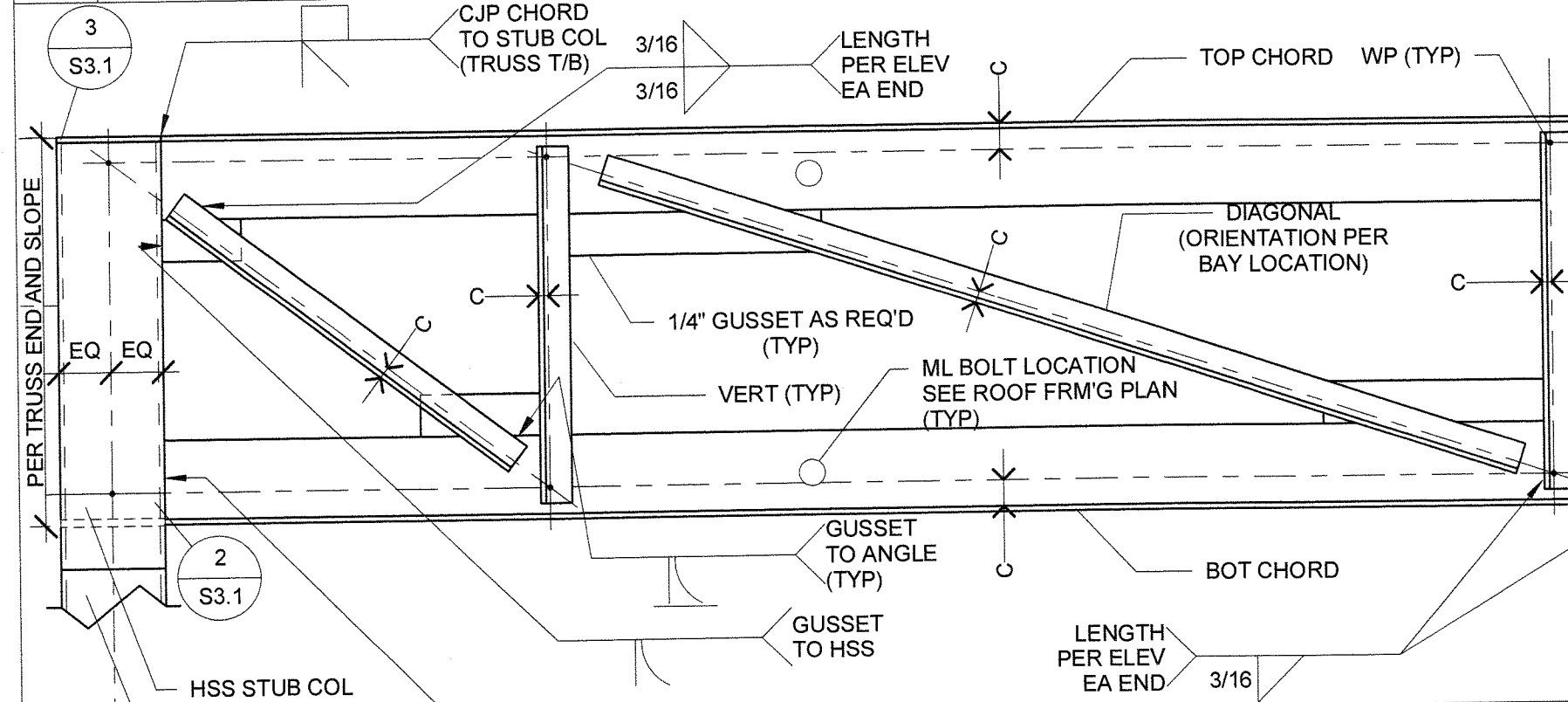
2 1/2" = 1'-0"
Mono Truss

6 1 1/2" = 1'-0"
Typ Truss @ Center Bay (Mono Slope)



1 1/2" = 1'-0"
Dual Truss

5 1 1/2" = 1'-0"
Typ Truss @ Center Bay (Dual Slope)



4 1 1/2" = 1'-0"
Typ End Bay to Stub Conn

10/15/2018 3:36:38 PM C:\Users\luser\Documents\RST17156 - Class Leasing_30X32 PC - MainFile_User.rvt



PROFESSIONAL STAMP
MANUEL D. FERRER
REGISTERED PROFESSIONAL ENGINEER
STRUCTURAL
STATE OF CALIFORNIA
04/26/2018

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

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: STOCK11
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APP. NO: 04-117151 INCR:
AC RM PLS EA SS KR
DATE: 04/23/2019

PROJECT TITLE
**30' x 32'
EXPANDABLE TO
150' x 32'**

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 119201
ACS PLS SS
DATE JUN 10 2019

Revision Schedule
Description Date

SHEET TITLE
ROOF PERIMETER TRUSS

PROJECT NUMBER
17156
DRAWN BY
rMc/SC
CHECKED BY
JA/RT
DATE
10.12.2018
SHEET NO.
S3.3
SHEET OF SHEETS

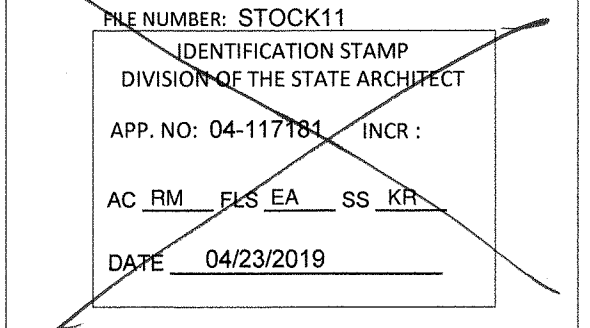
PROFESSIONAL STAMP



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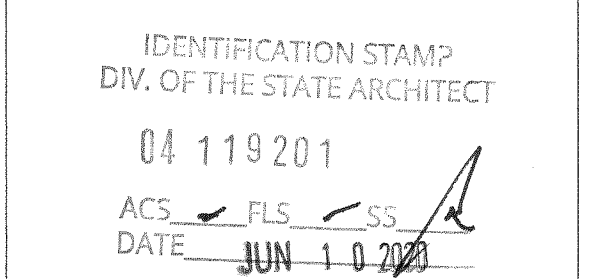


ORIGINAL PC STATE AGENCY APPROVAL



PROJECT TITLE
**30' x 32'
 EXPANDABLE TO
 150' x 32'**

PROJECT SPECIFIC STATE AGENCY APPROVAL



Revision Schedule		
#	Description	Date

SHEET TITLE
**WD WALL
 FRAMING
 ELEVATIONS**

PROJECT NUMBER
 17156

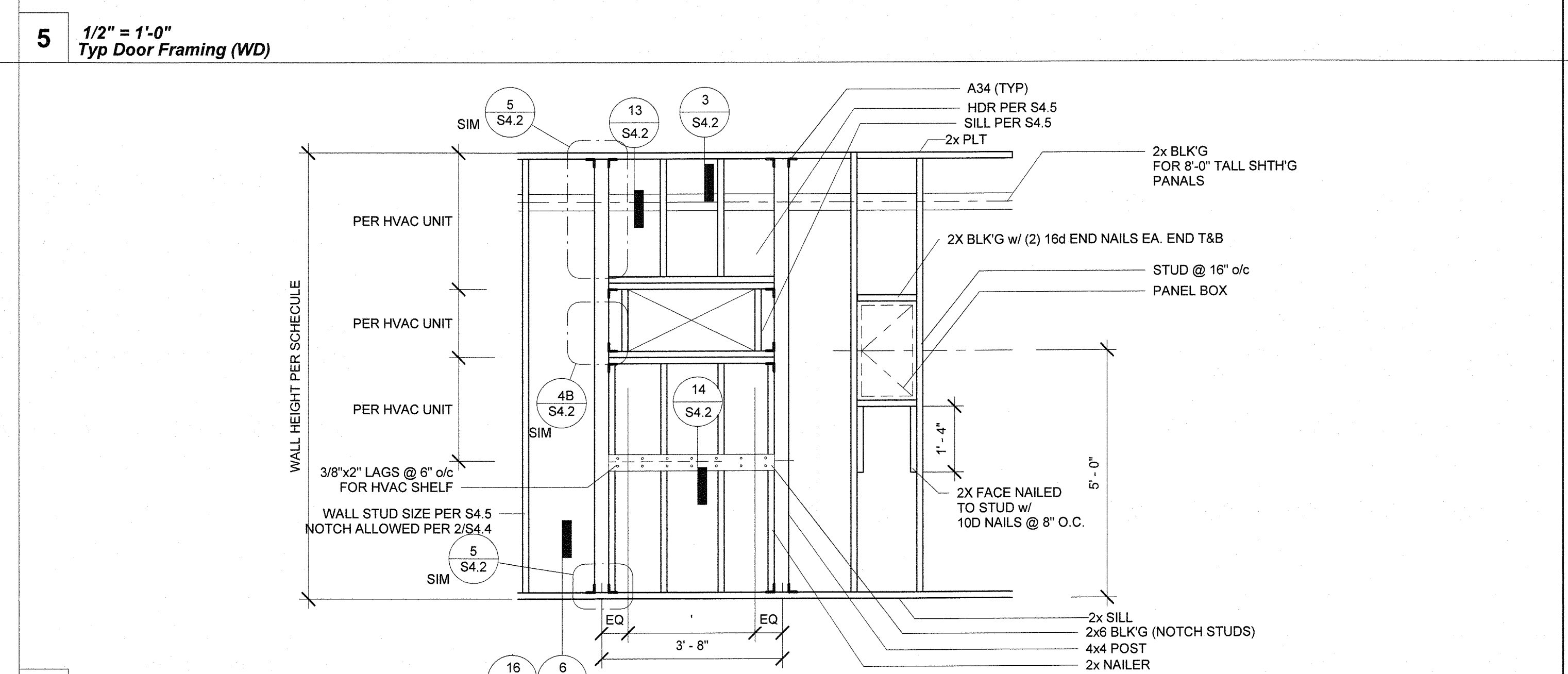
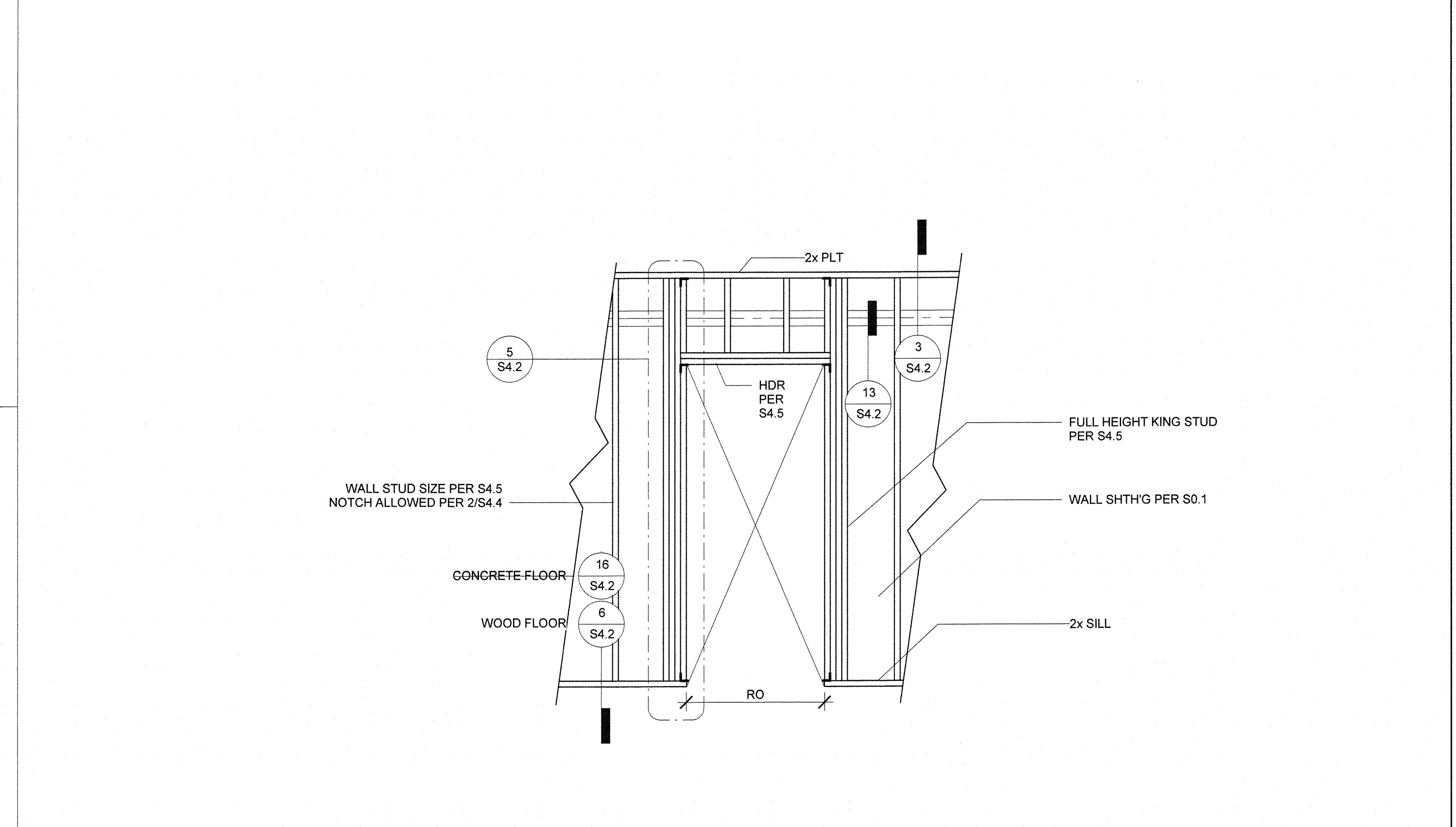
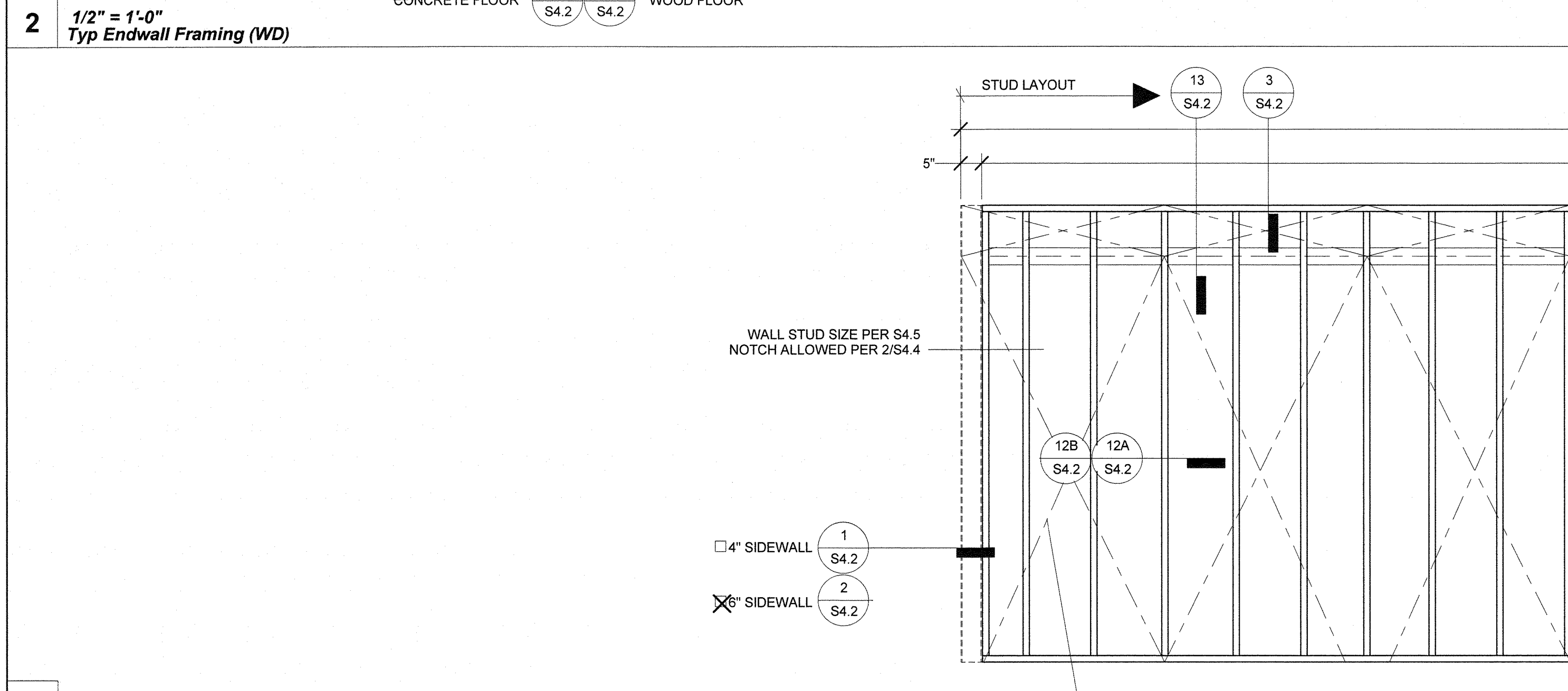
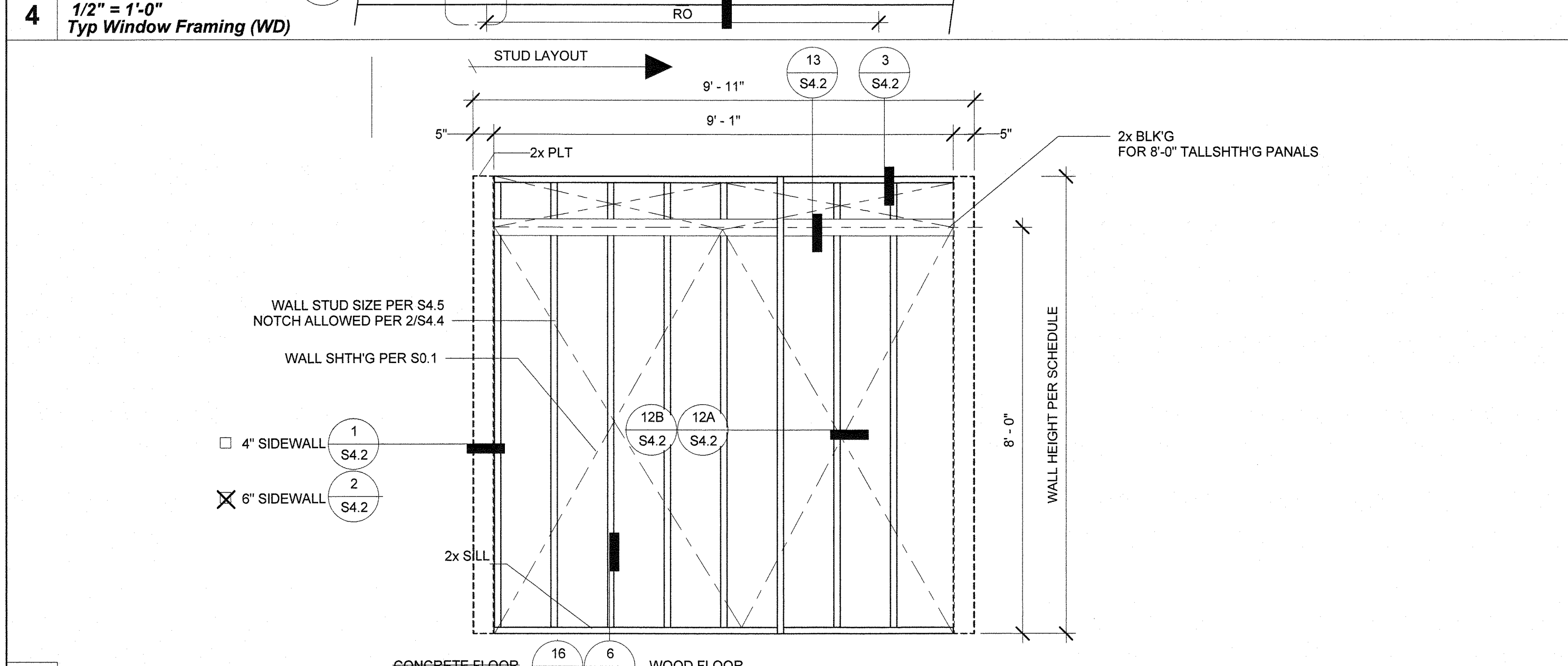
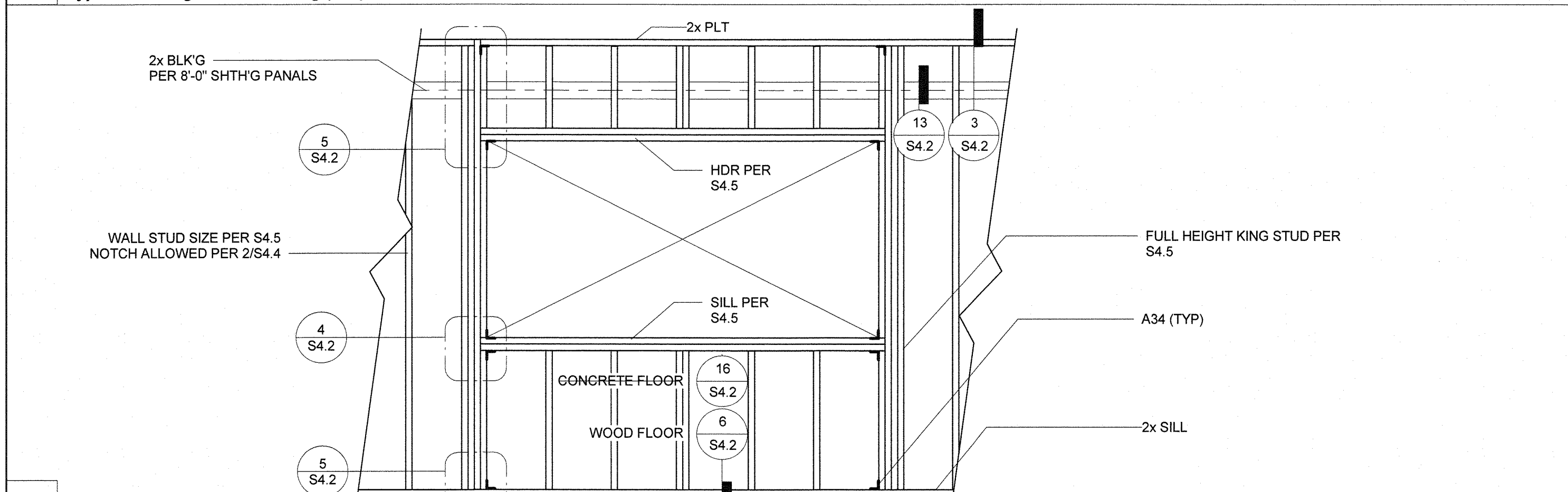
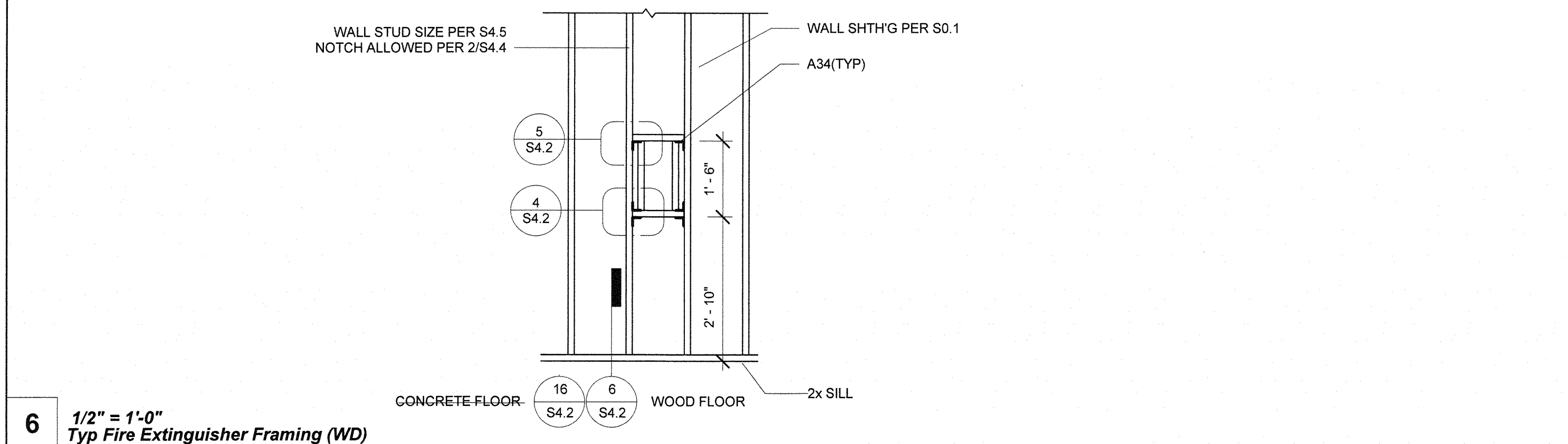
DRAWN BY
 rMc/SC

CHECKED BY
 JA/RT

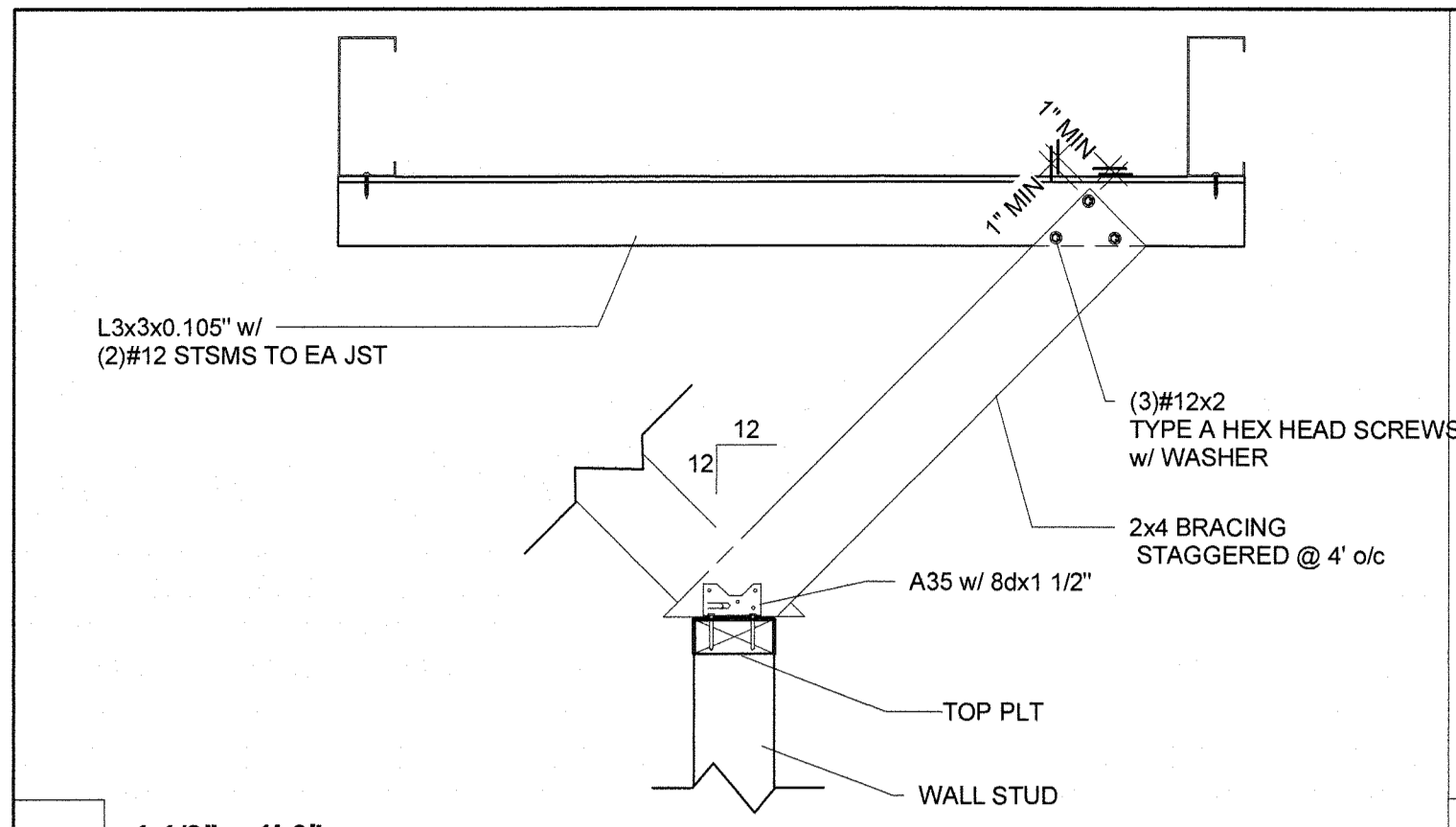
DATE
 10.12.2018

SHEET NO.
S4.1

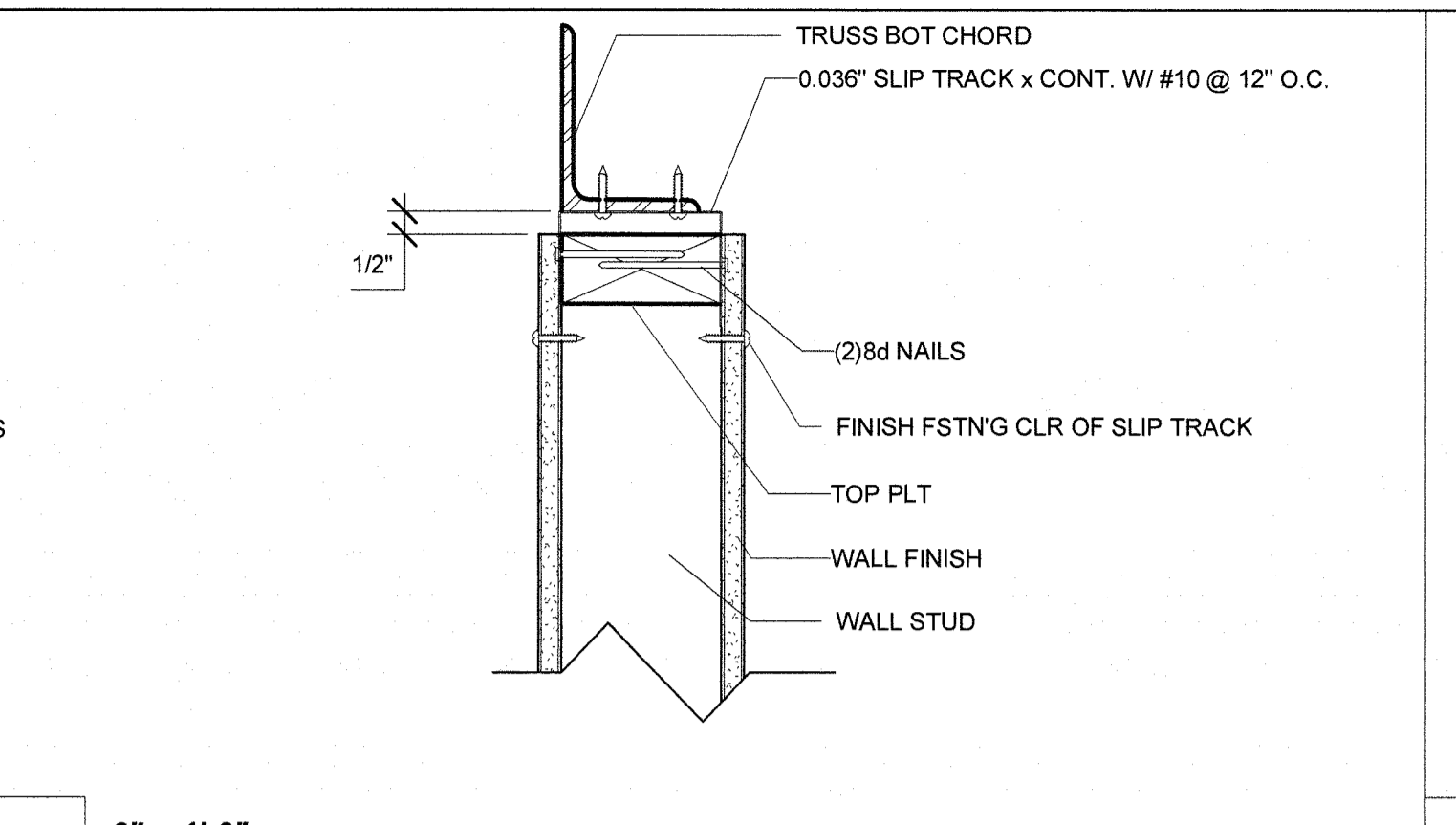
SHEET OF SHEETS



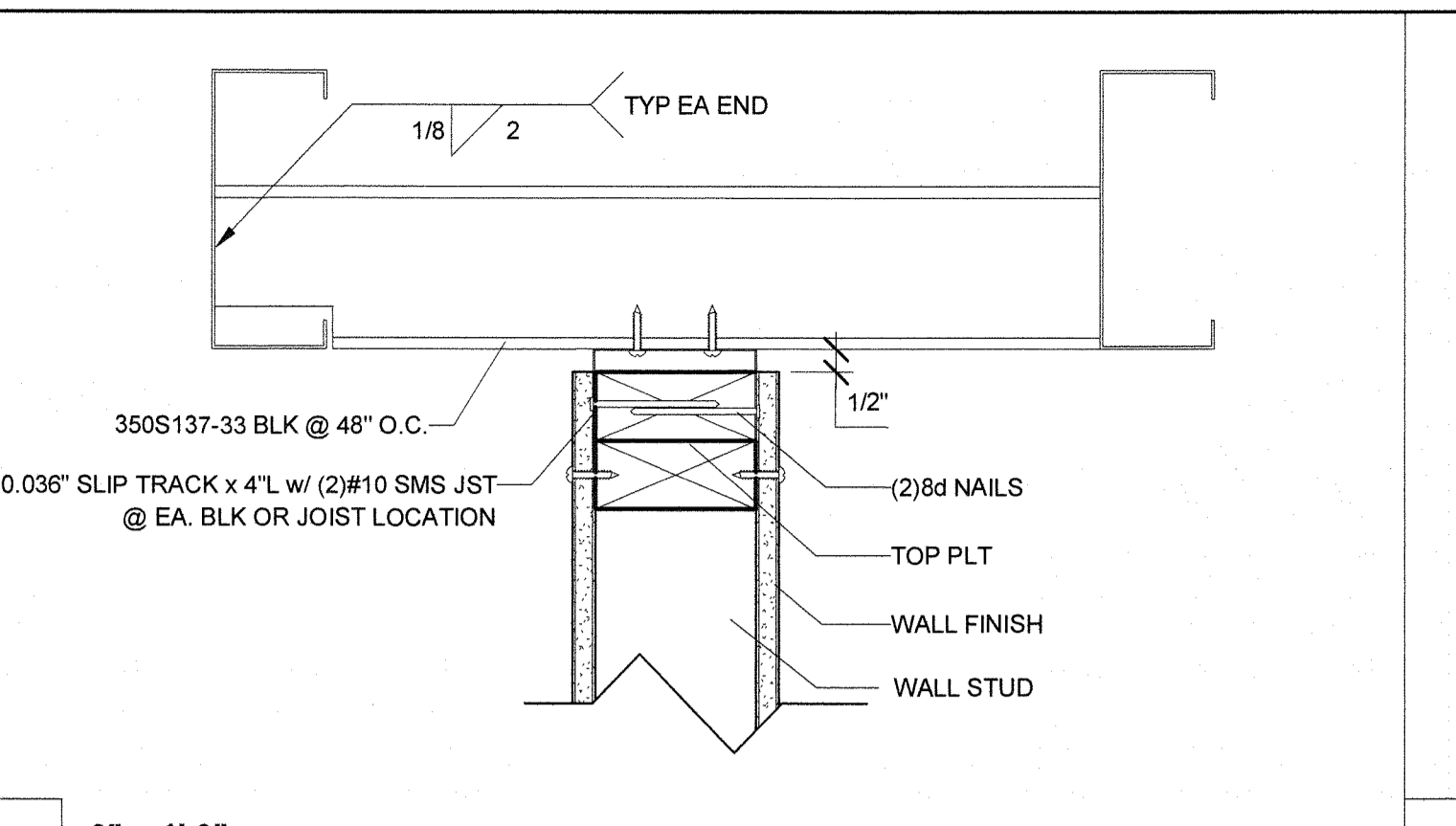
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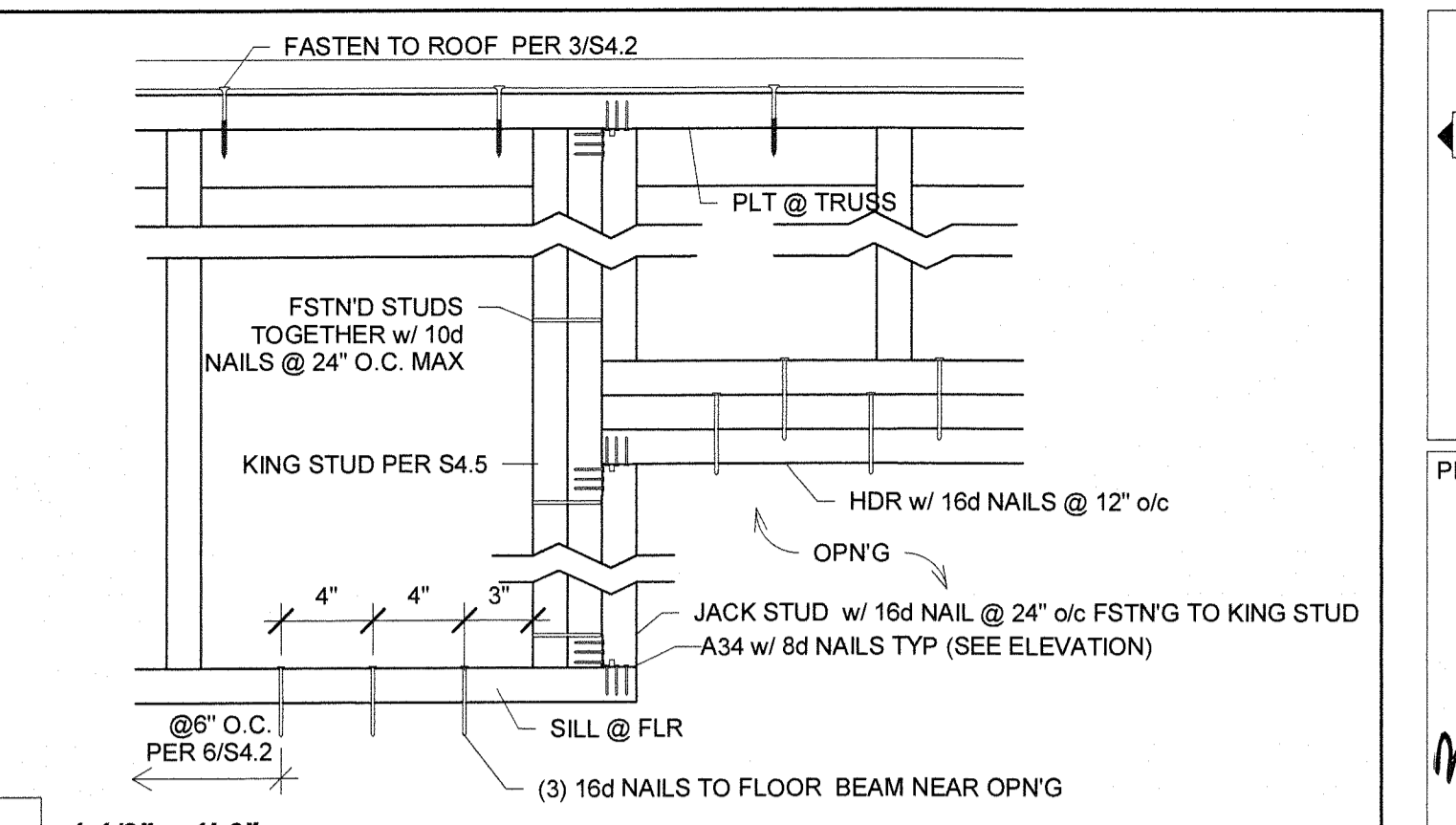
20 1 1/2" = 1'-0"
Sections - Interior Partition w/ Brace to Blk'g (WD)



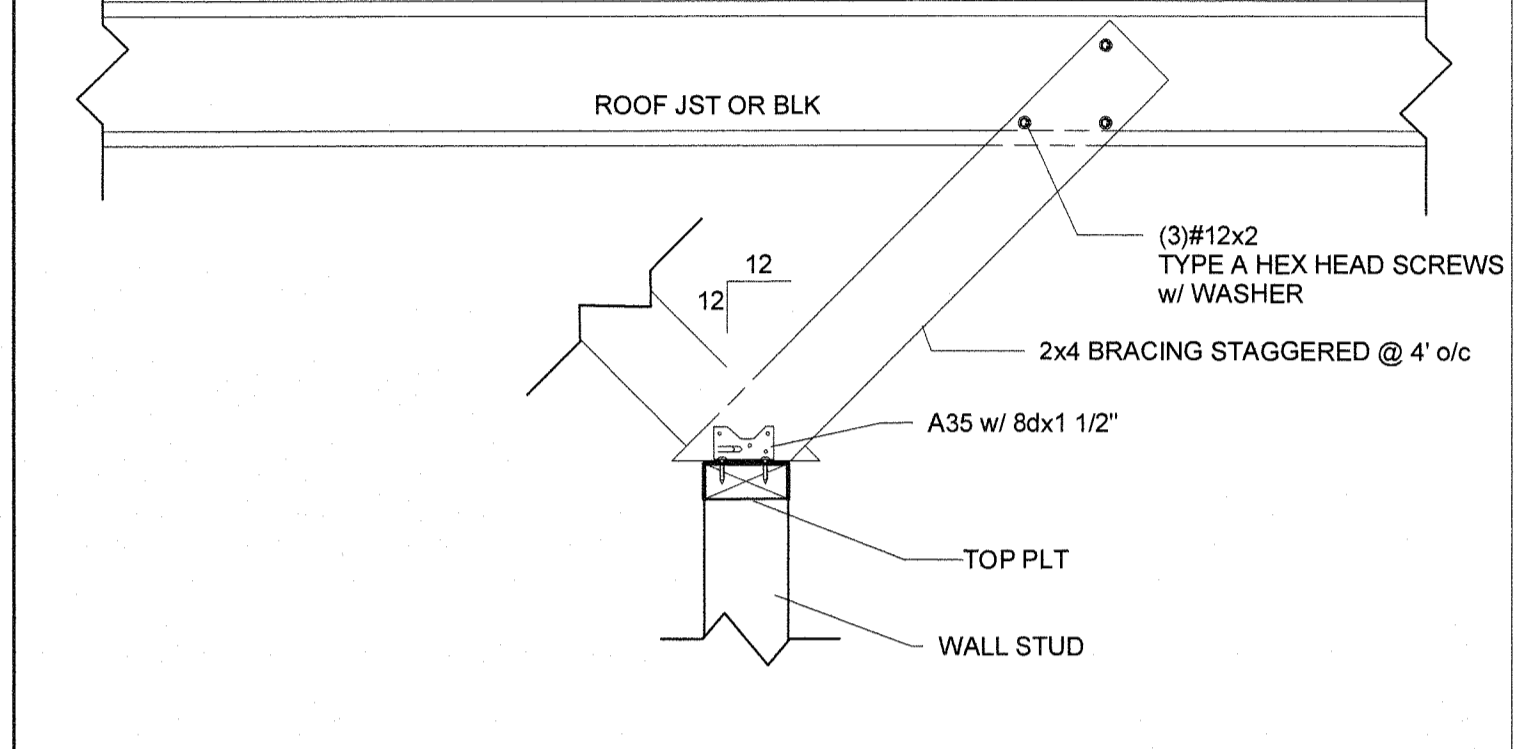
15 3" = 1'-0"
Section - Interior Wall Top Plate @ Truss (ML)



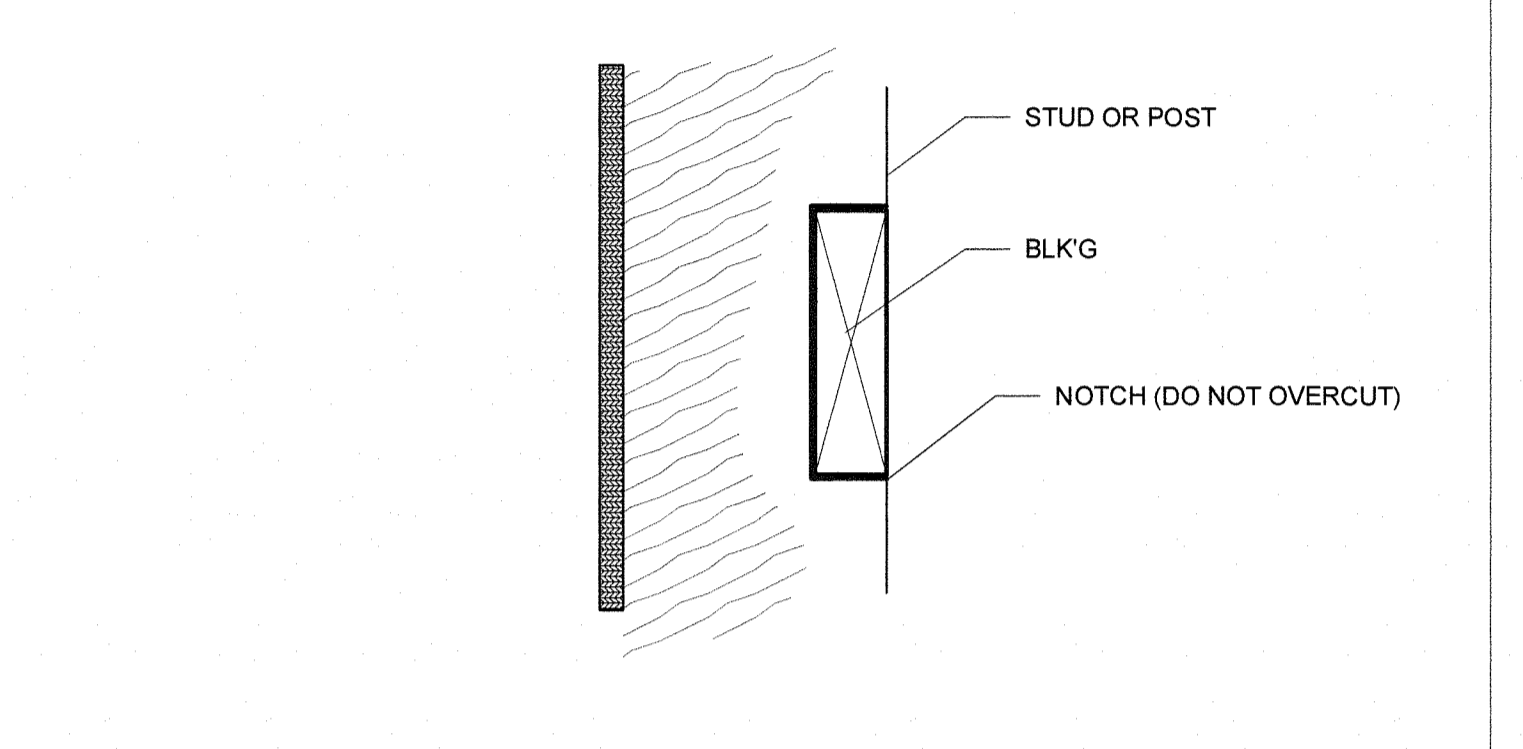
10 3" = 1'-0"
Sections - Interior Partition @ Blk'g (WD)



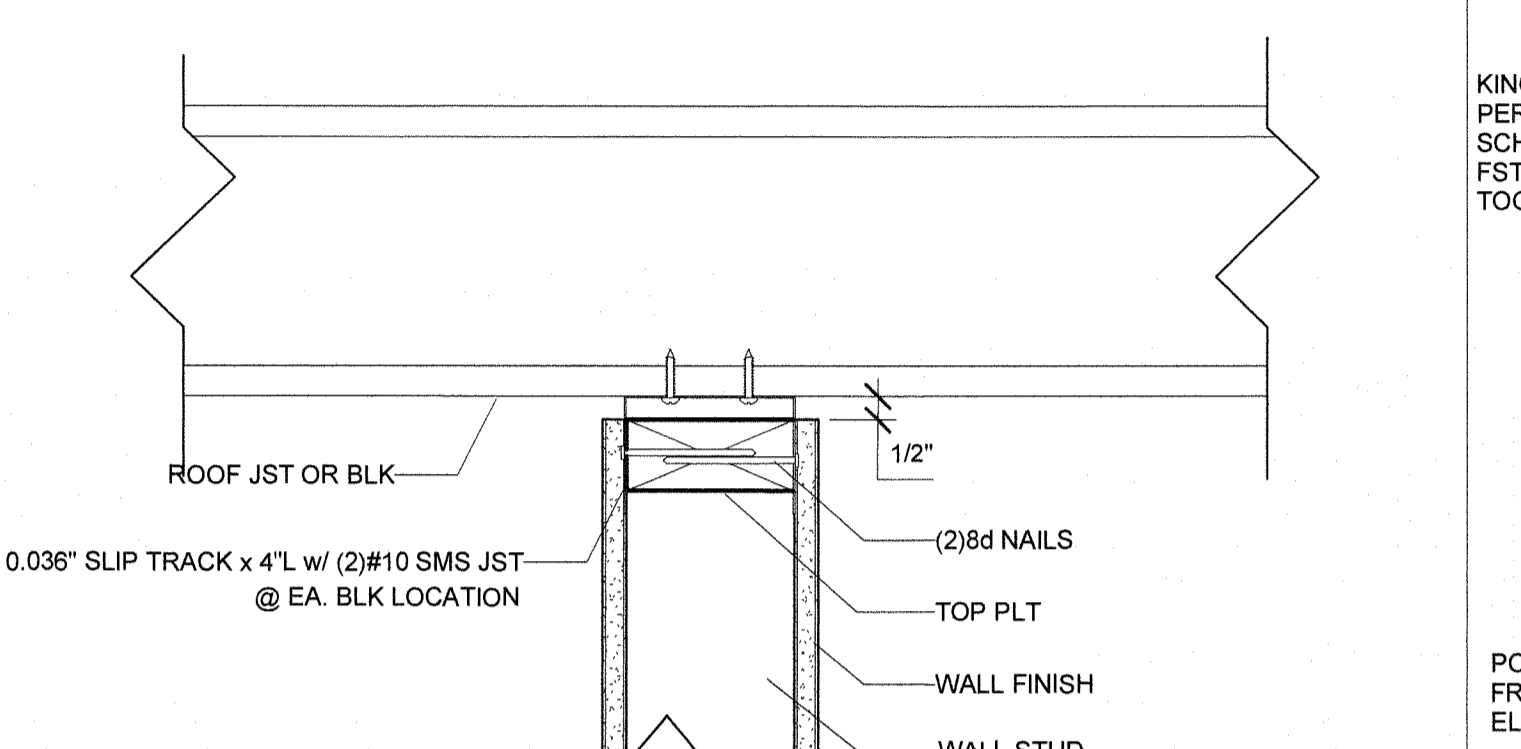
5 1 1/2" = 1'-0"
Elevation - Window/Door Hdr and Sill



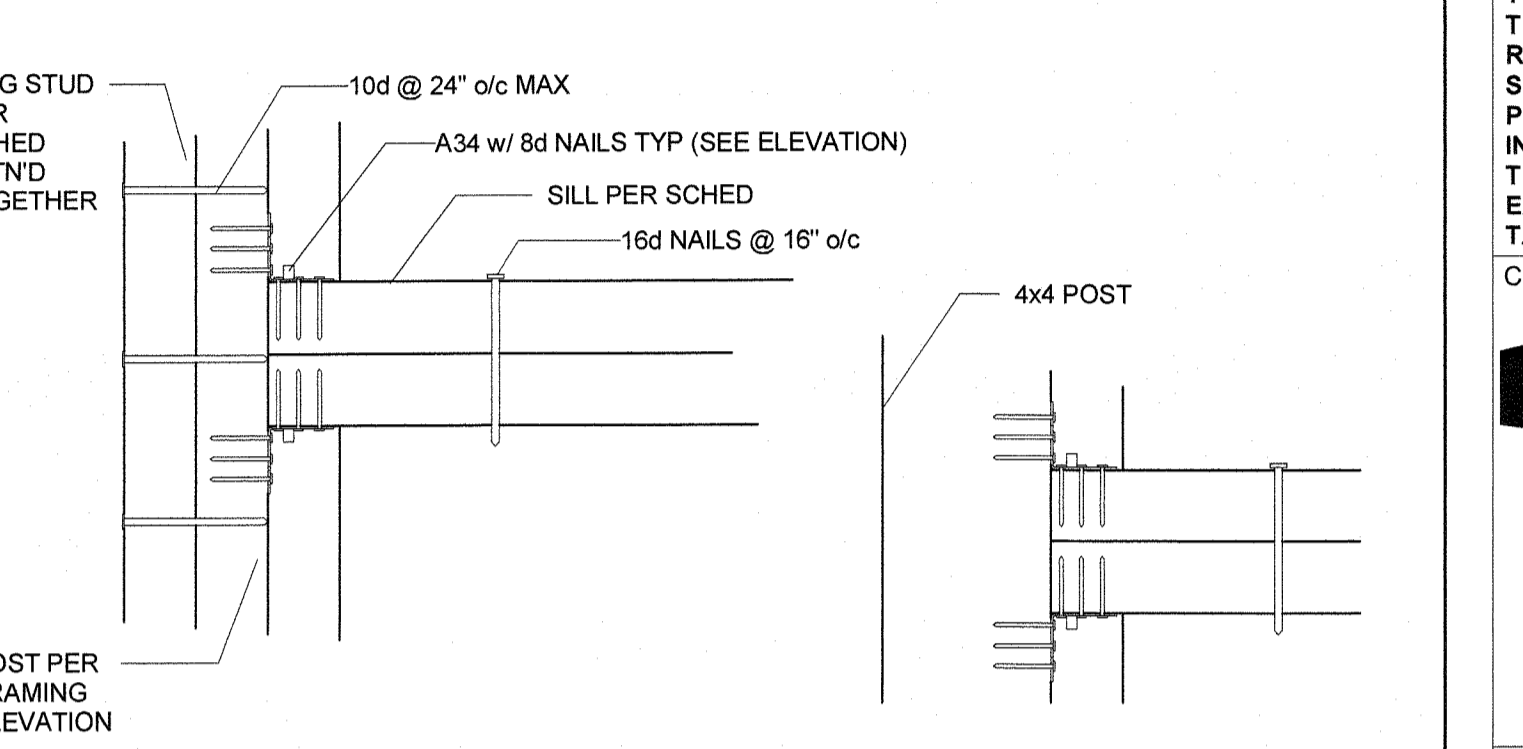
19 1 1/2" = 1'-0"
Sections - Interior Partition w/ Brace (WD)



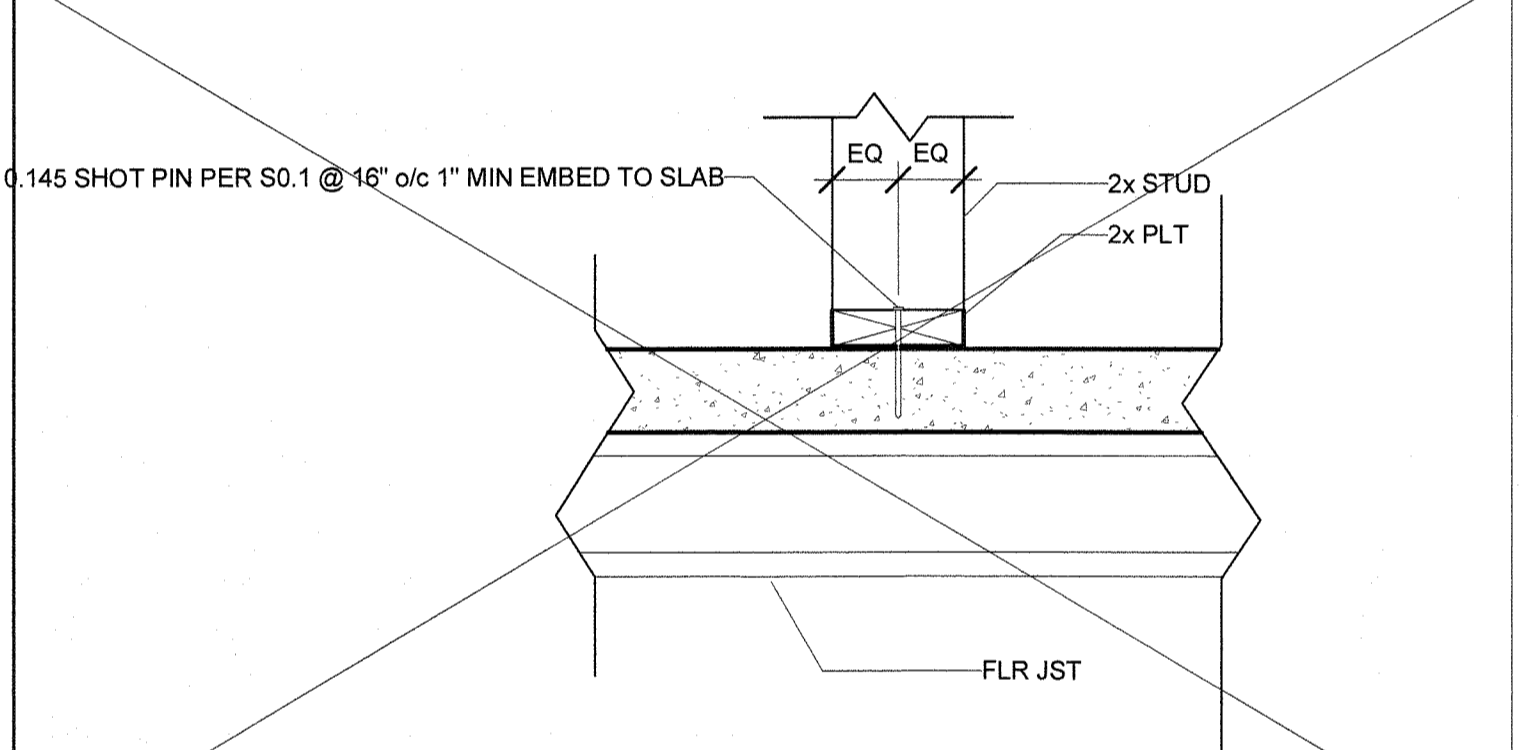
14 3" = 1'-0"
Notch Stud @ Blk'g



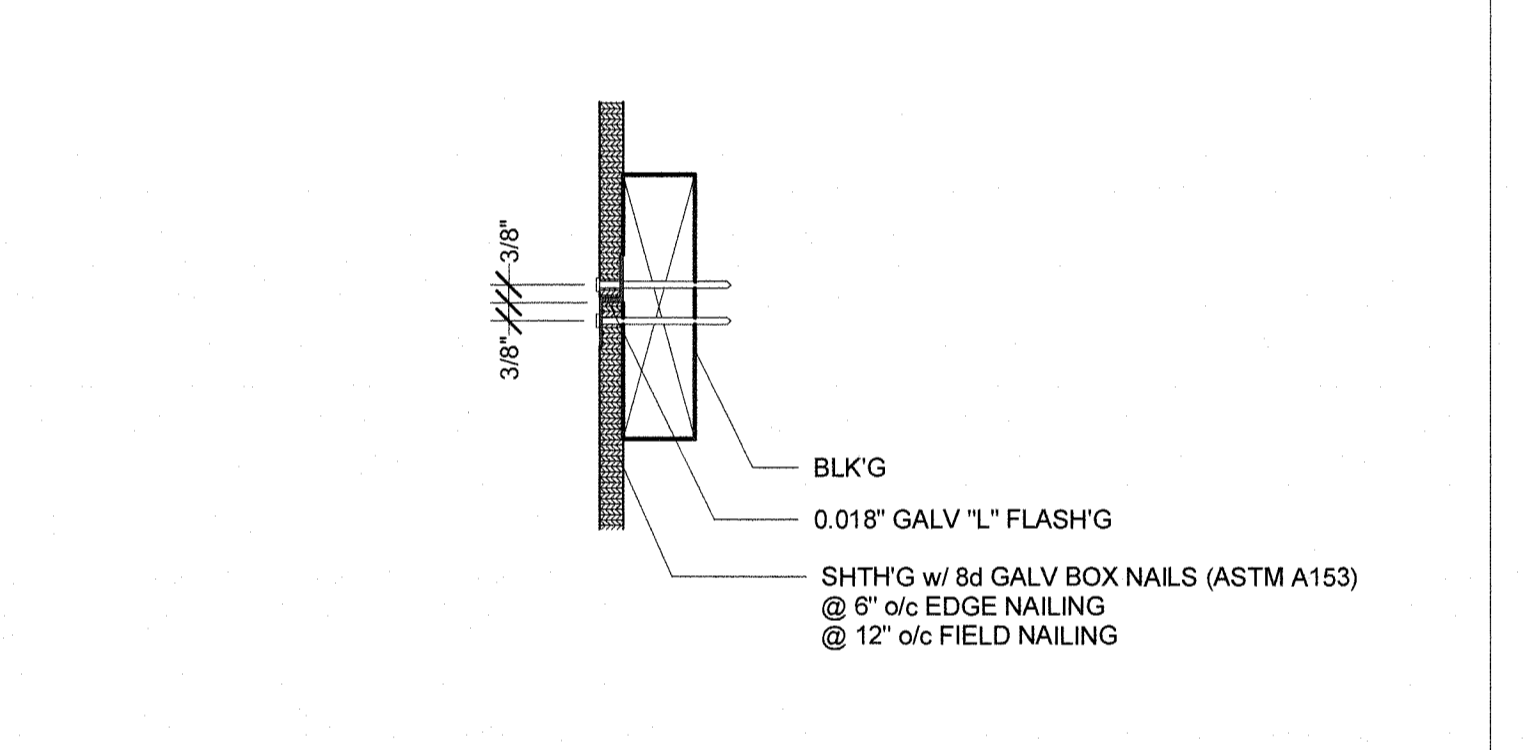
9 3" = 1'-0"
Sections - Interior Partition @ Jst (WD)



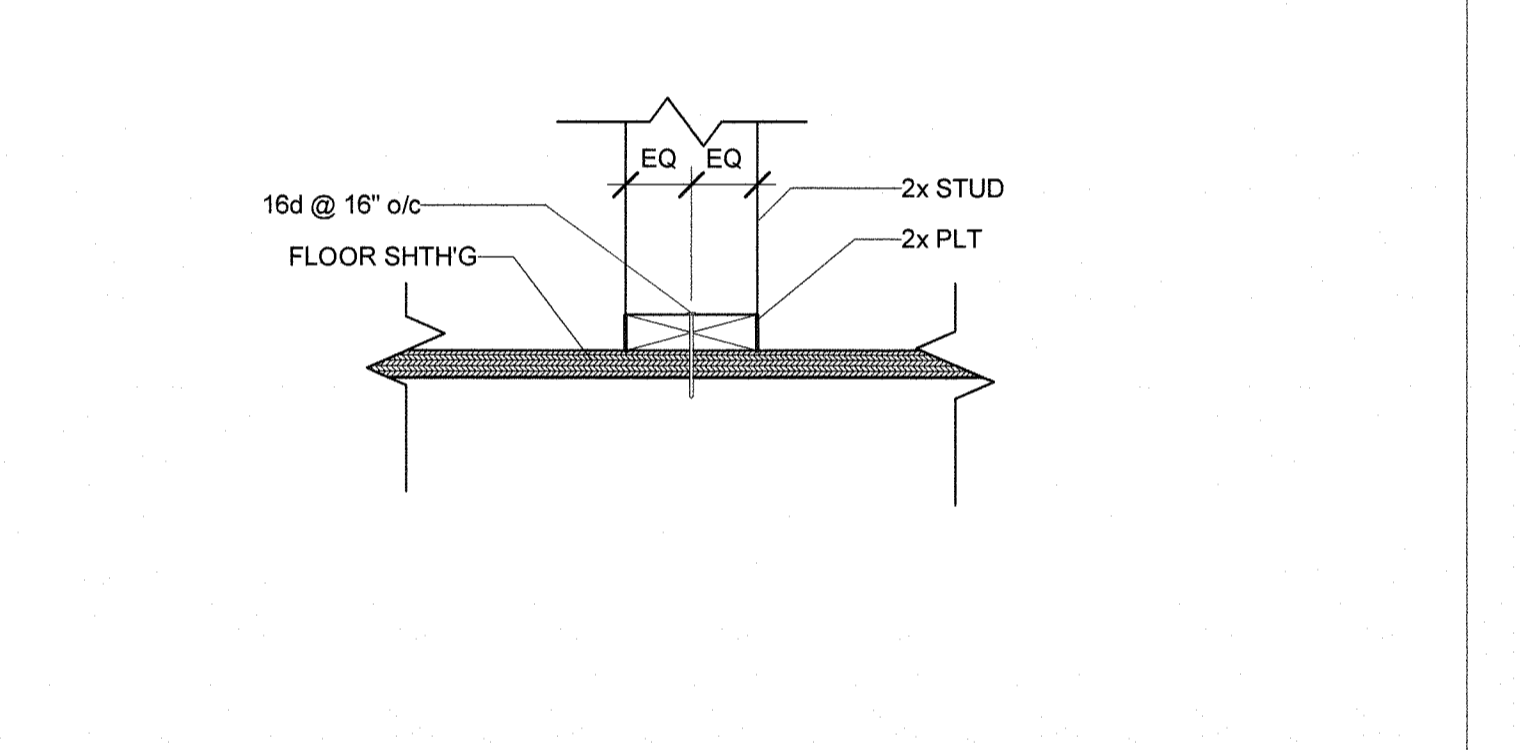
4 3" = 1'-0"
Elevation - Ext Wall Sill @ Window



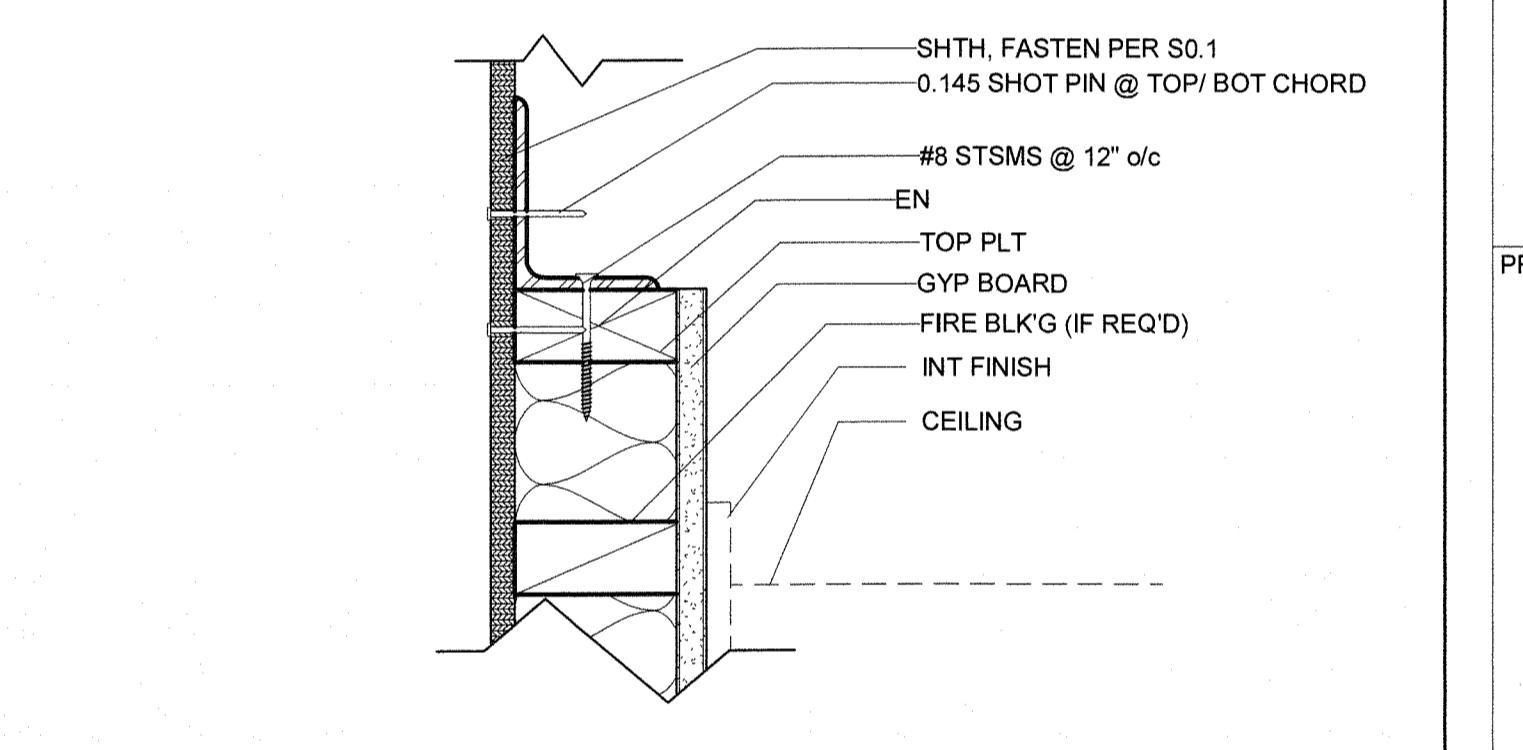
18 1 1/2" = 1'-0"
Typ Partition Sill Connection (CONC)



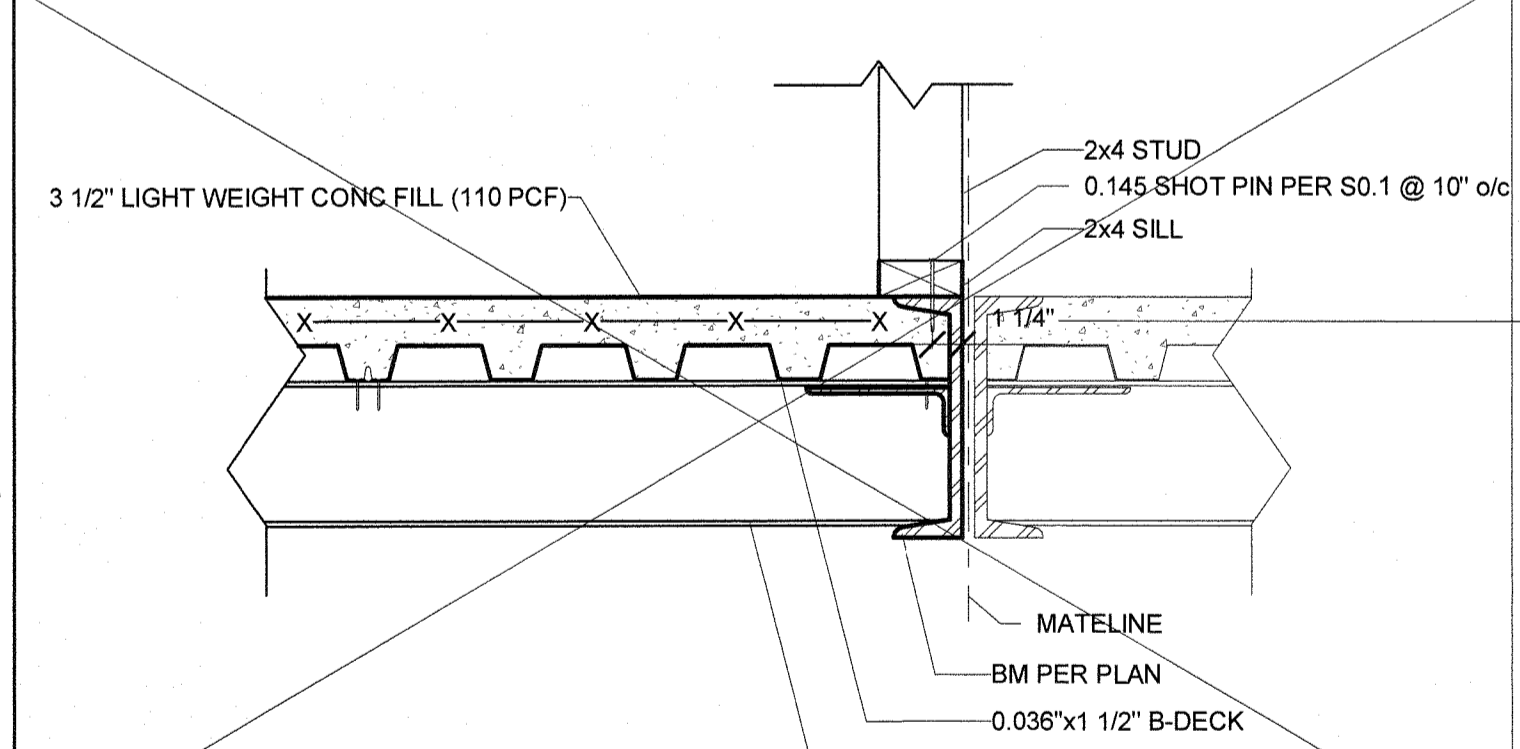
13 3" = 1'-0"
Shth'g @ Blk'g



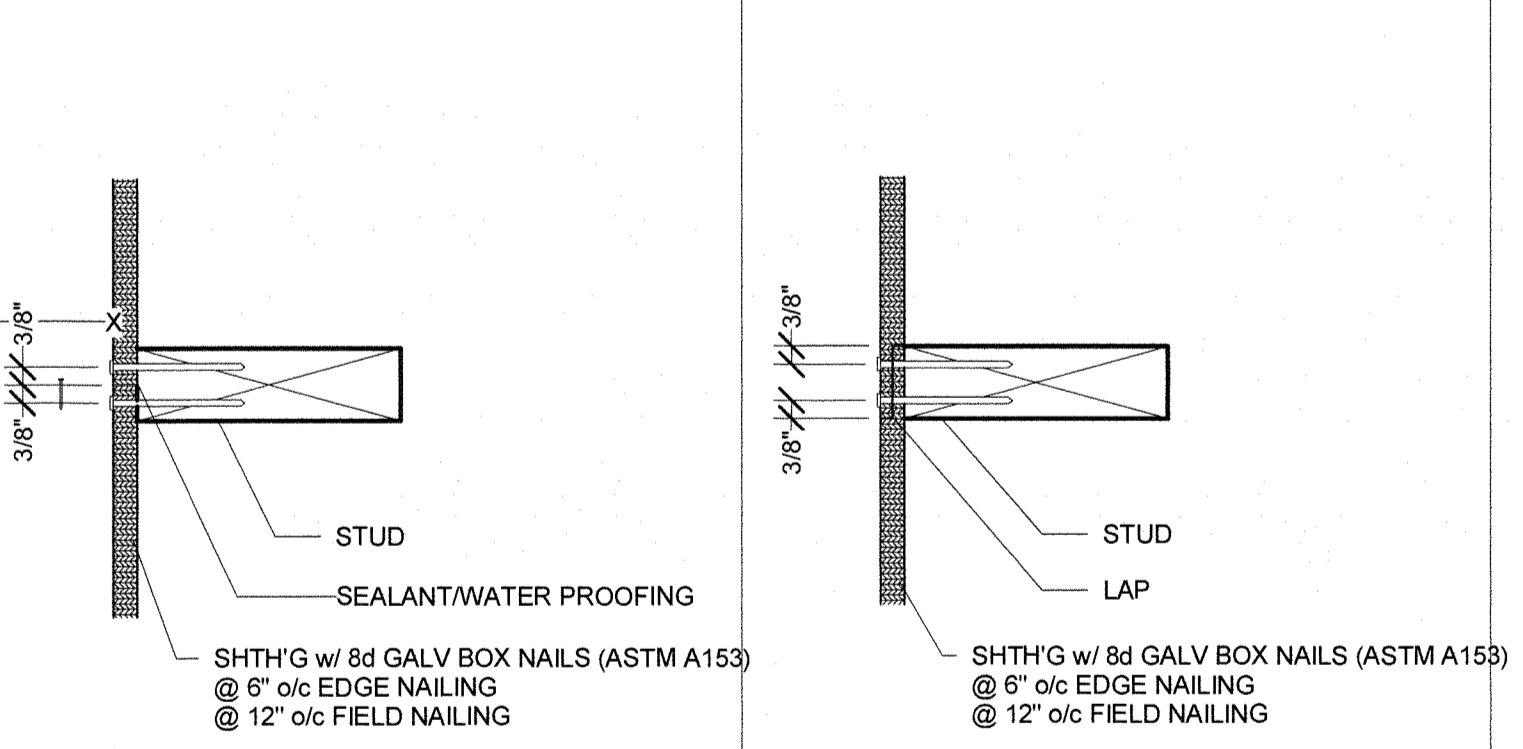
8 1 1/2" = 1'-0"
Typ Partition Sill Connection (WD)



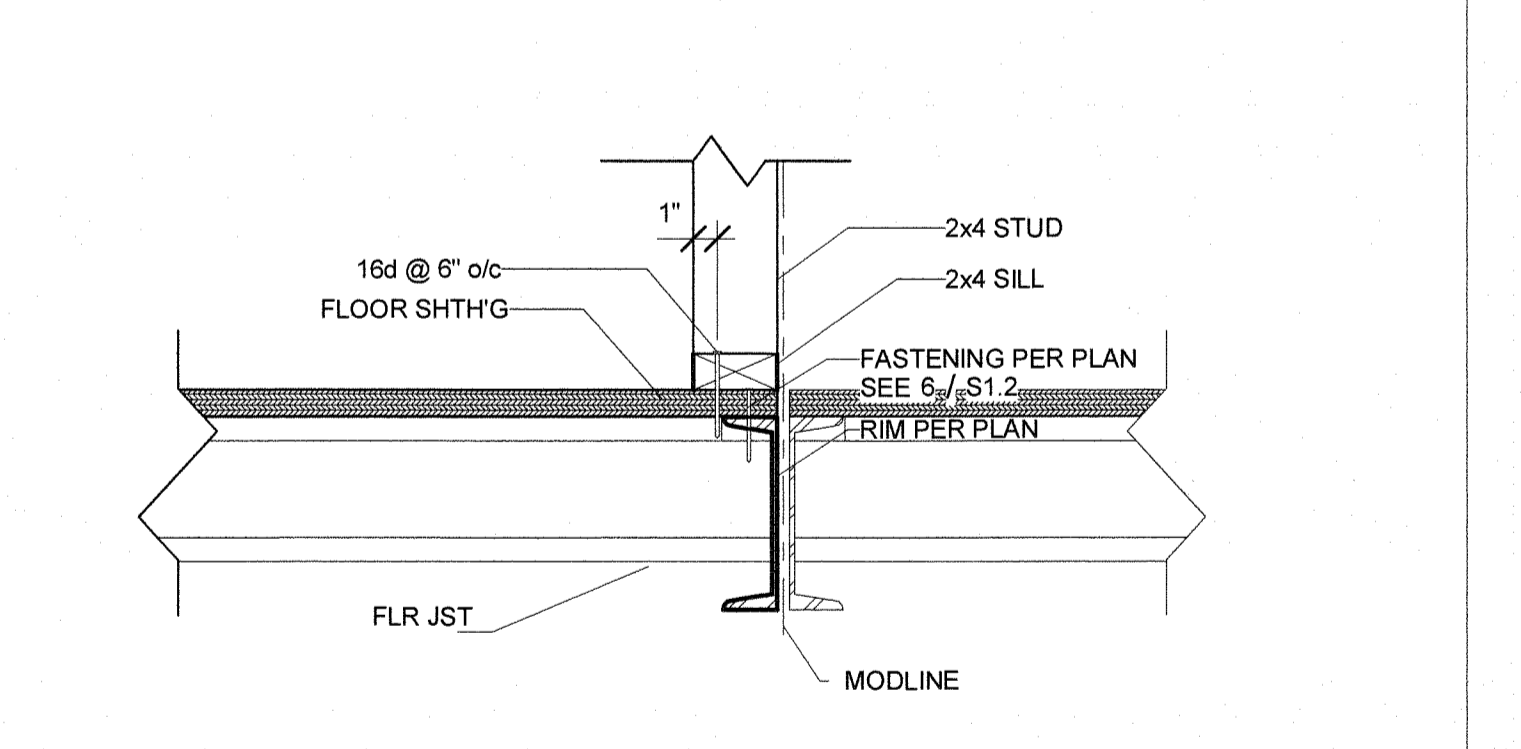
3 3" = 1'-0"
Section - Exterior Wall Top Plate @ Truss (WD)



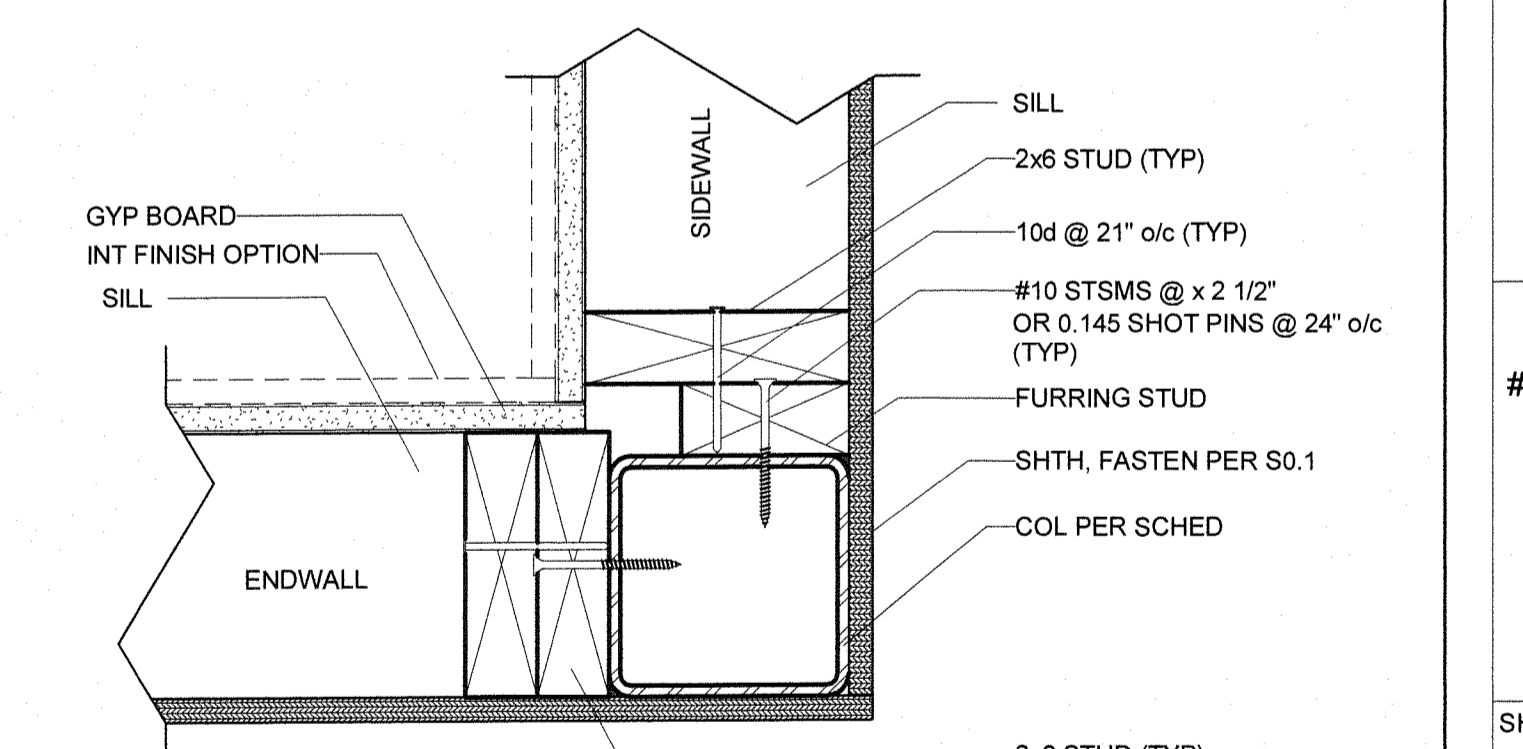
17 1 1/2" = 1'-0"
Wall Sill Plt Connection @ Interior Sidewall (CONC)



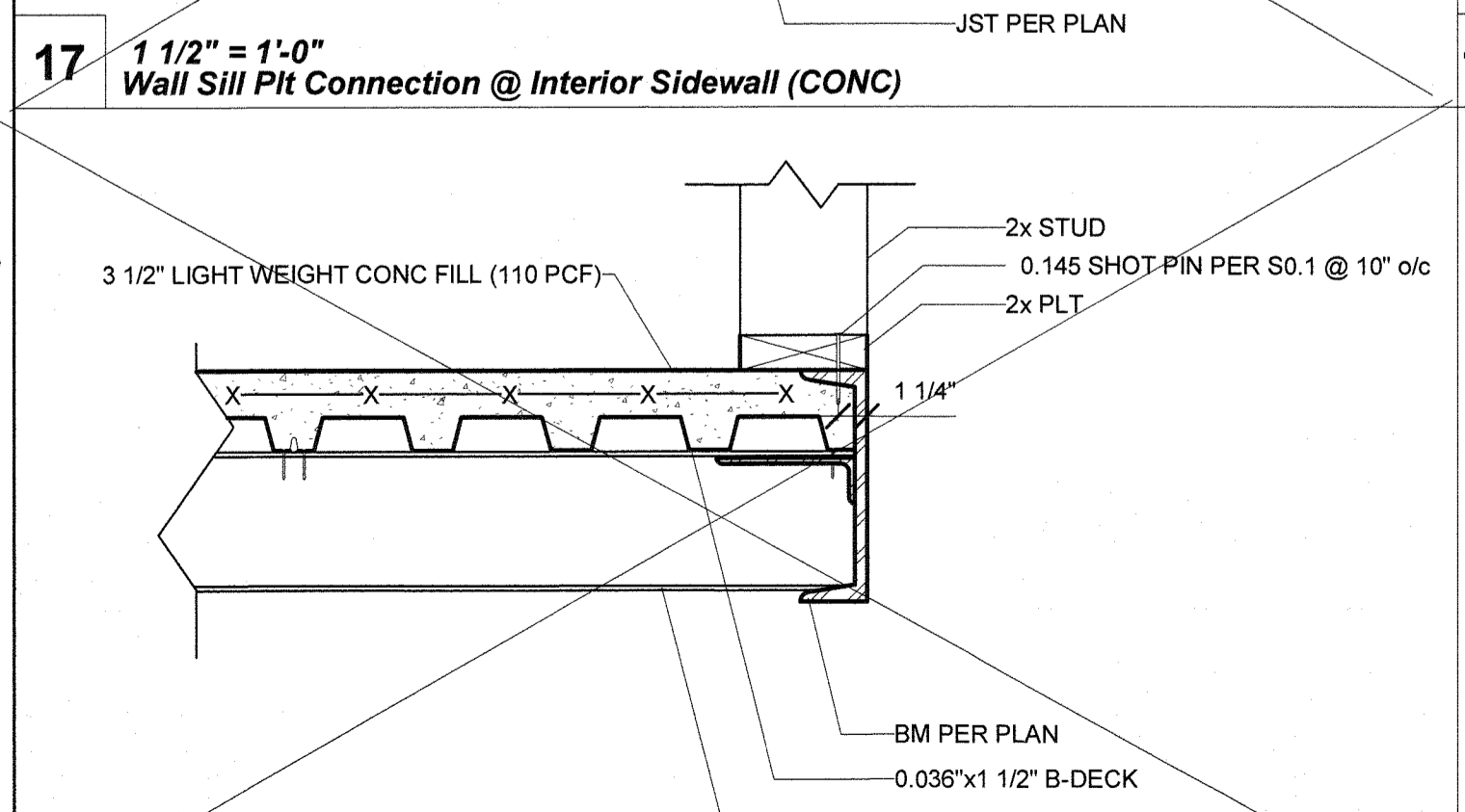
12A 3" = 1'-0"
Shth'g @ Butt Jnt



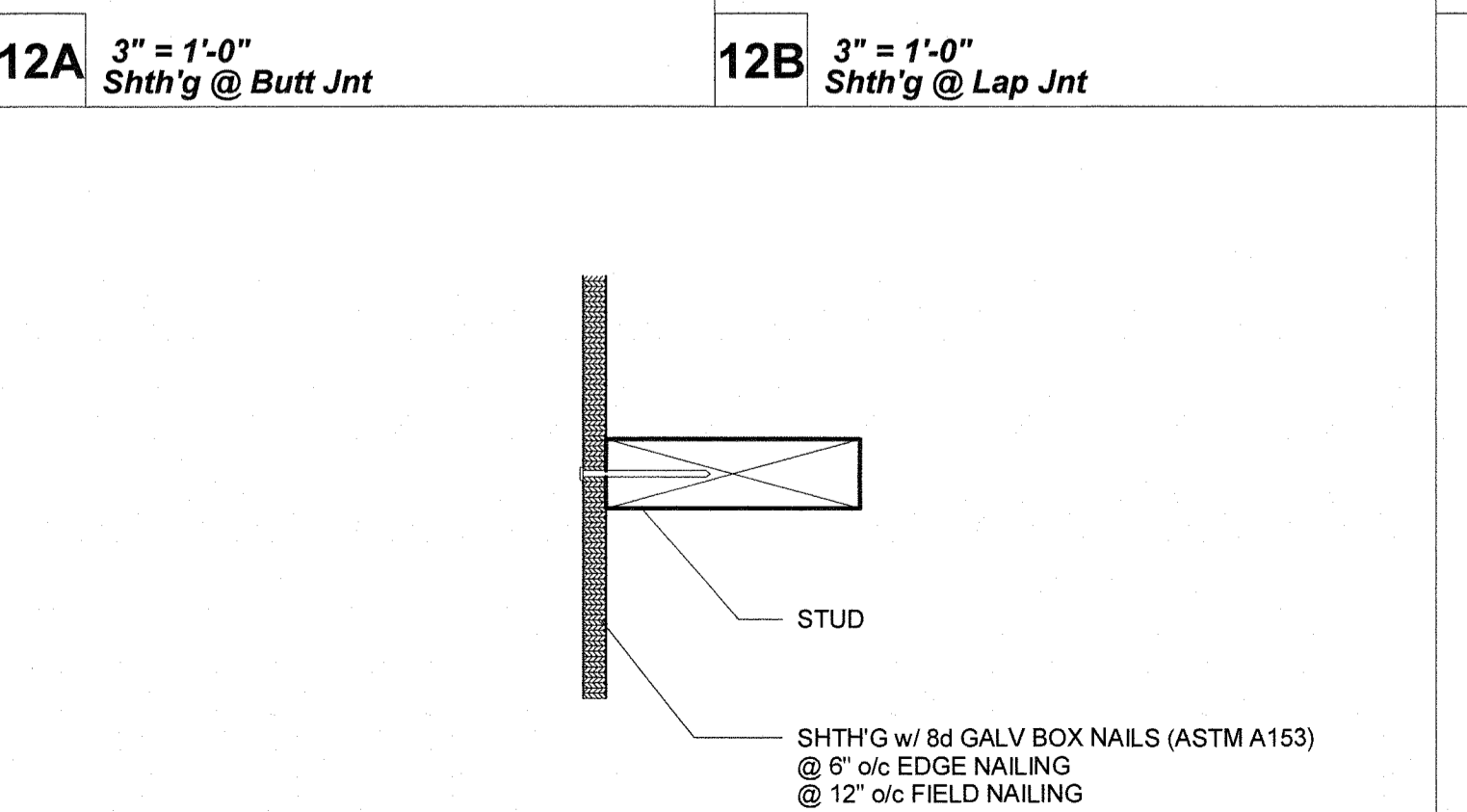
7 1 1/2" = 1'-0"
2x4 Wall Sill Connection @ Interior Sidewalls (WD)



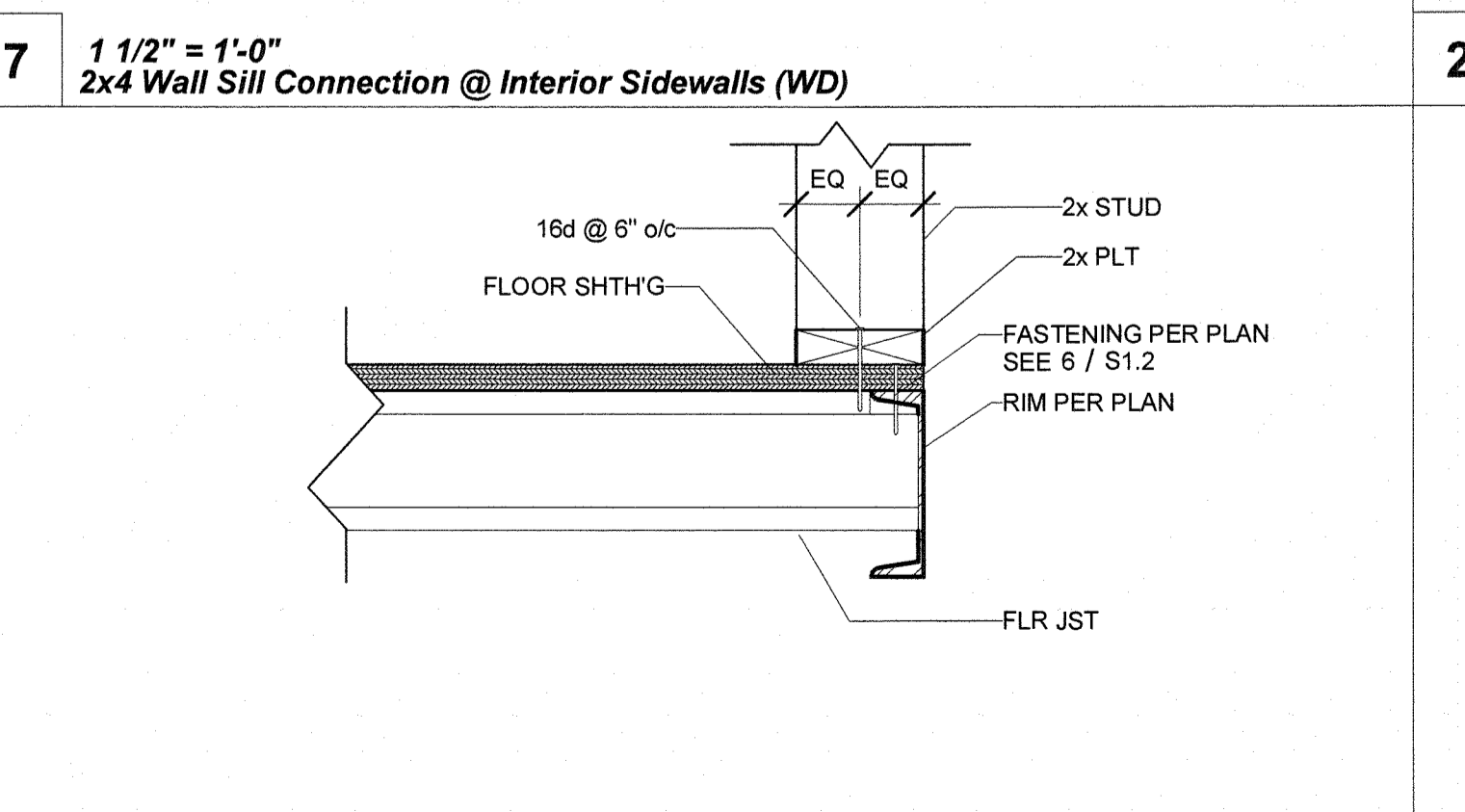
2 3" = 1'-0"
2x6 Framing @ Column (WD)



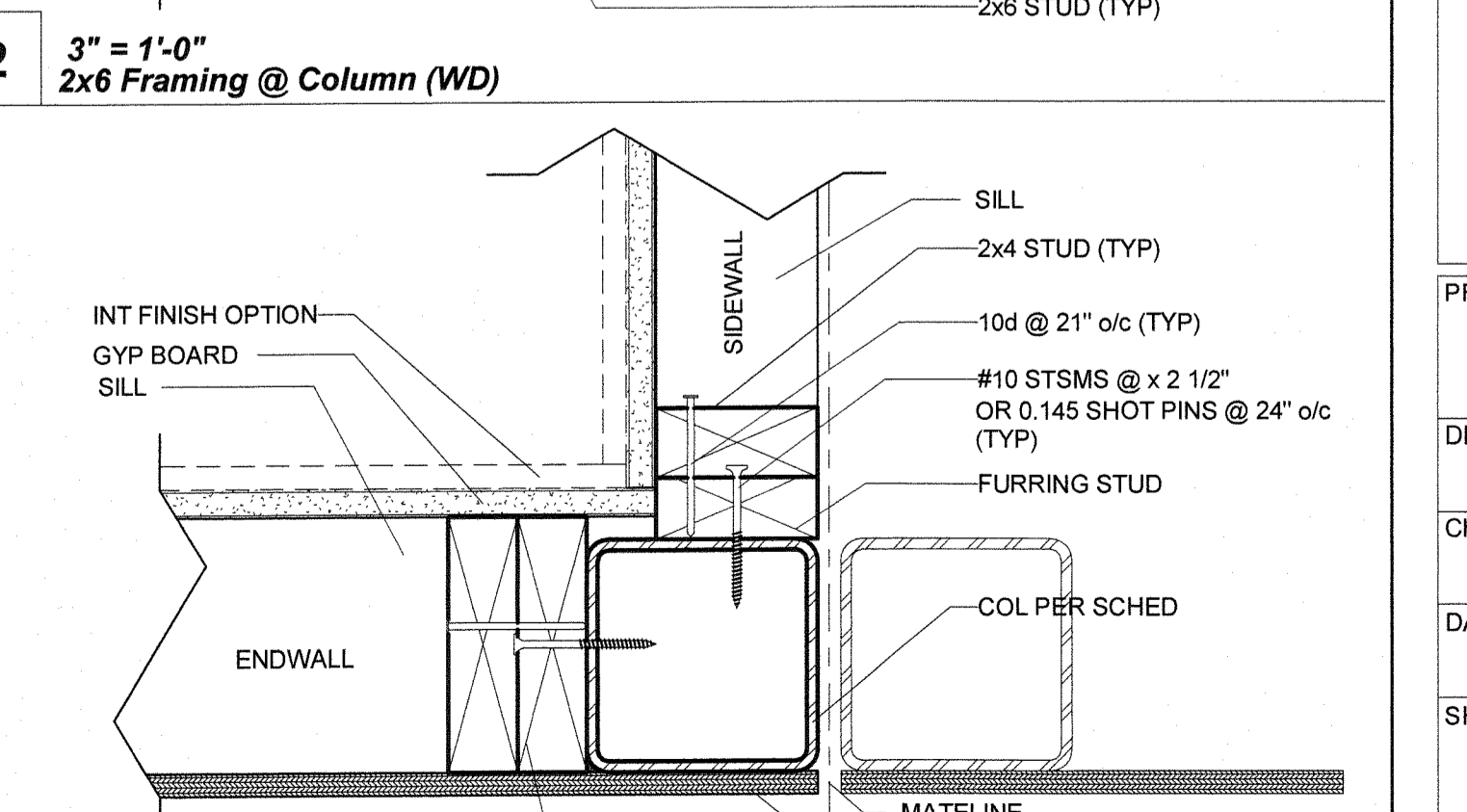
16 1 1/2" = 1'-0"
Wall Sill Plt Connection @ Exterior Rim (CONC)



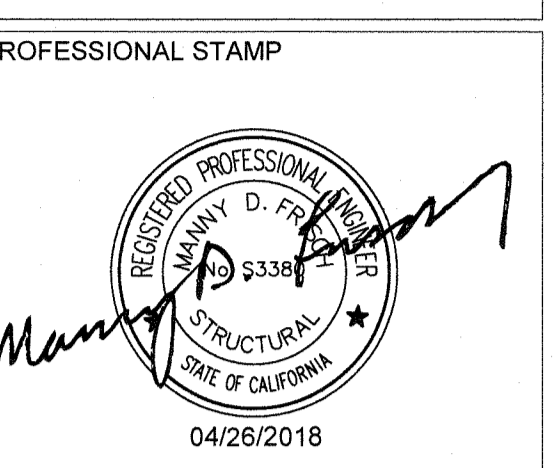
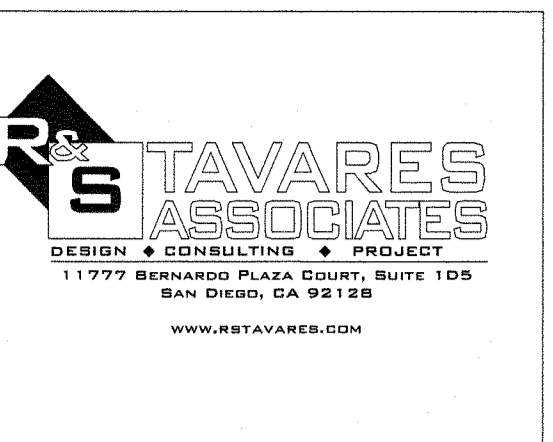
11 3" = 1'-0"
Shth'g @ Stud Conn



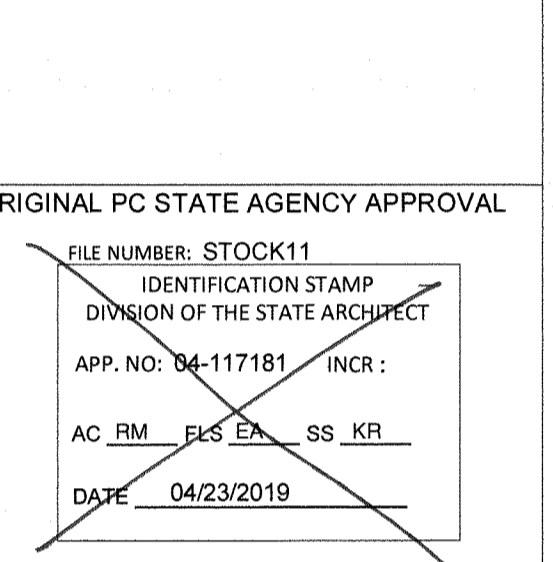
6 1 1/2" = 1'-0"
Wall Sill Connection @ Exterior Rim (WD)



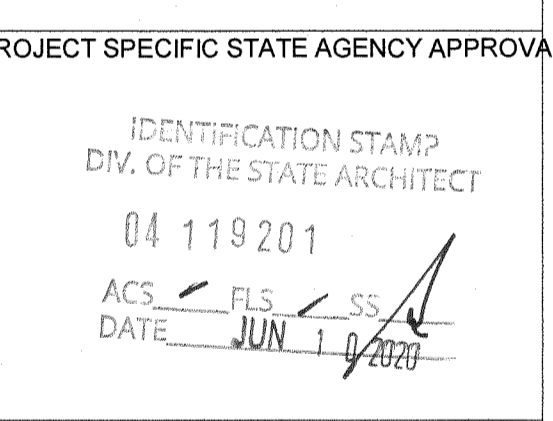
1 3" = 1'-0"
Interior Sidewall Framing @ Column (WD)



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PROJECT TITLE
**30' x 32'
EXPANDABLE TO
150' x 32'**



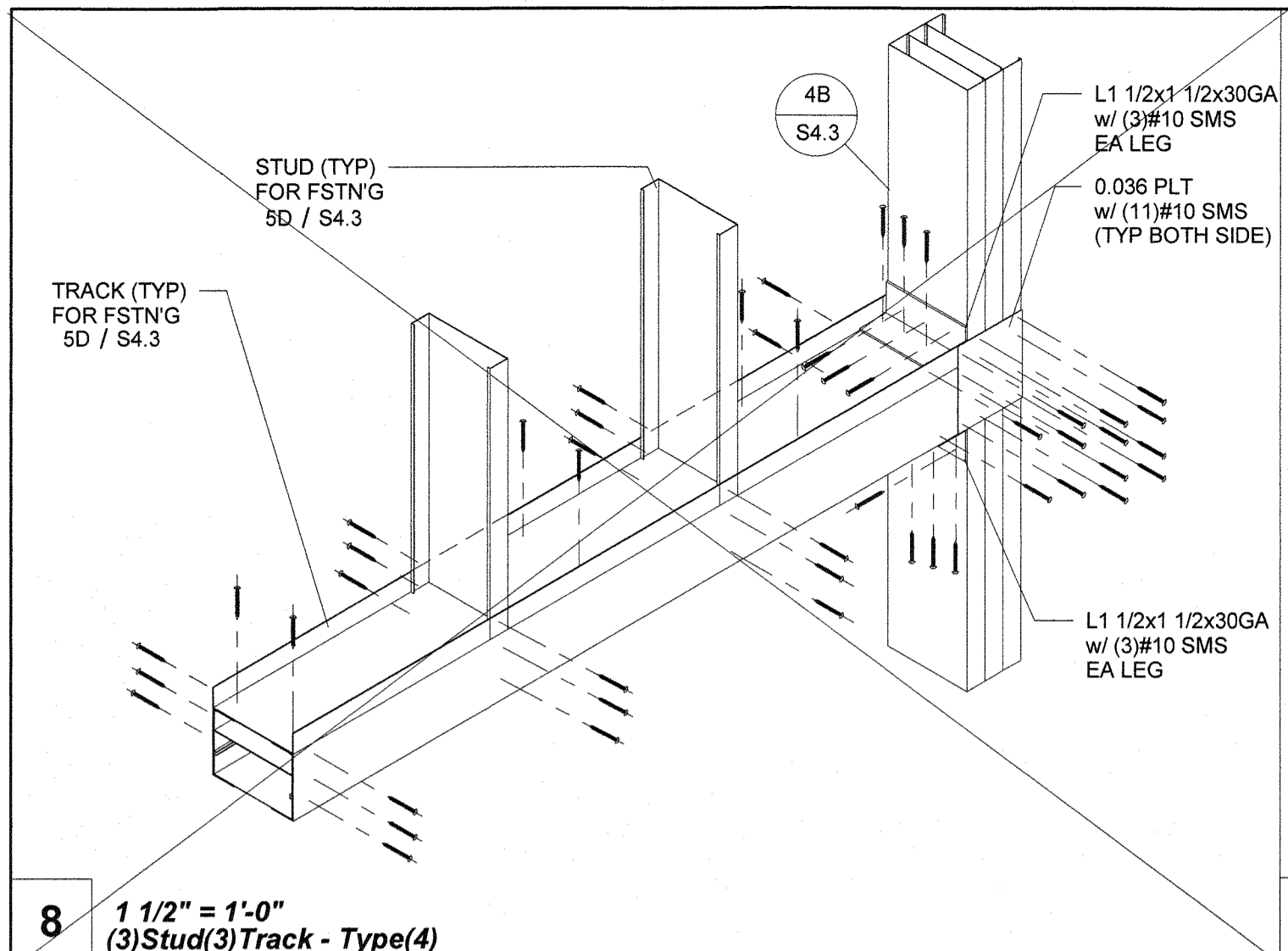
Revision Schedule		
#	Description	Date

SHEET TITLE
**WALL DETAILS
(WOOD FRAMING)**

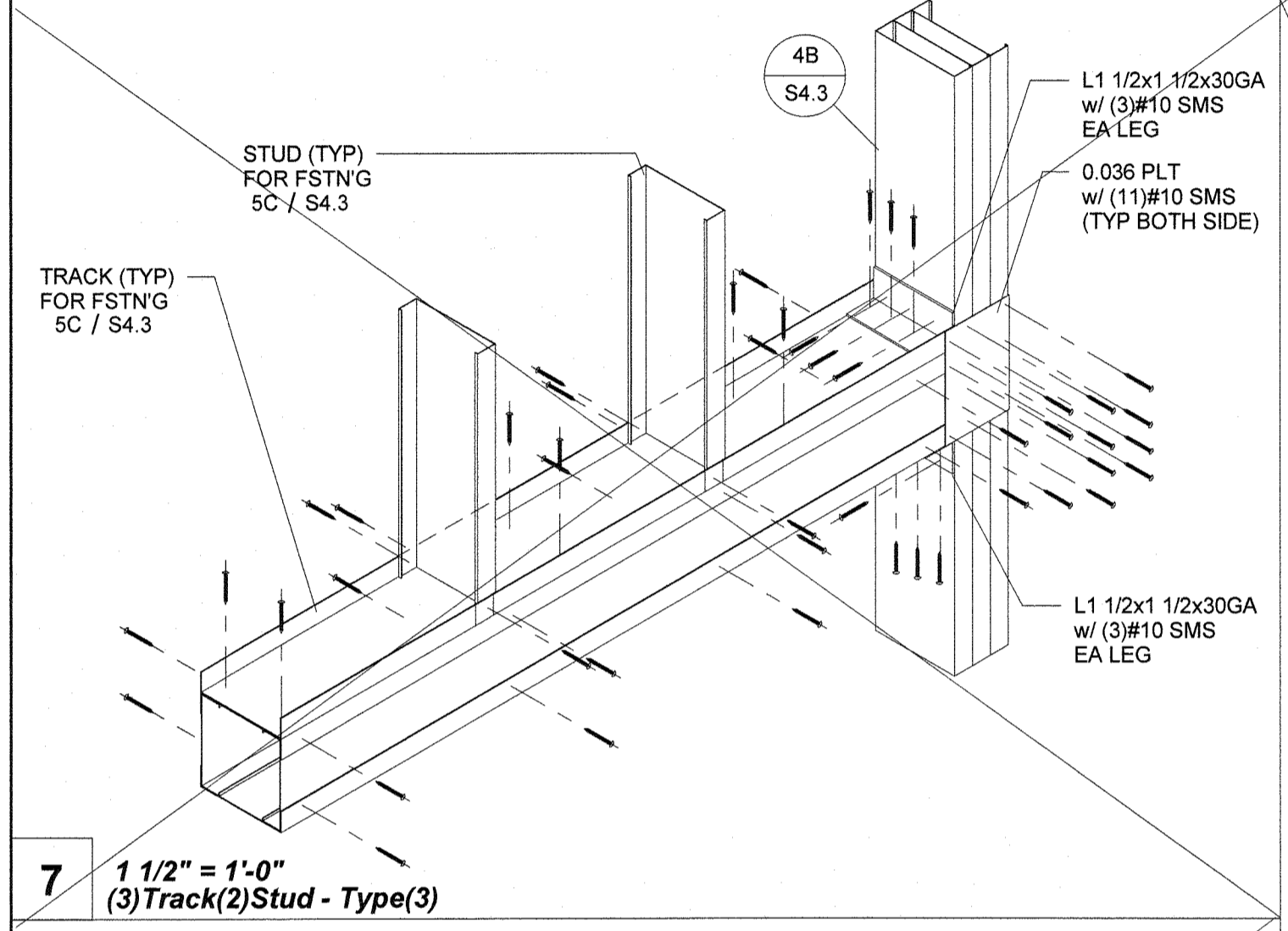
PROJECT NUMBER: 17156
DRAWN BY: rMc/SC
CHECKED BY: JA/RT
DATE: 10.12.2018
SHEET NO.: **S4.2**
SHEET OF SHEETS

4/26/2018 5:15:13 PM M:\2017\17156 - Class Leasing_30x32\PC\REV\TRST\17156 - Class Leasing_30x32 PC - Main\Floor.plt

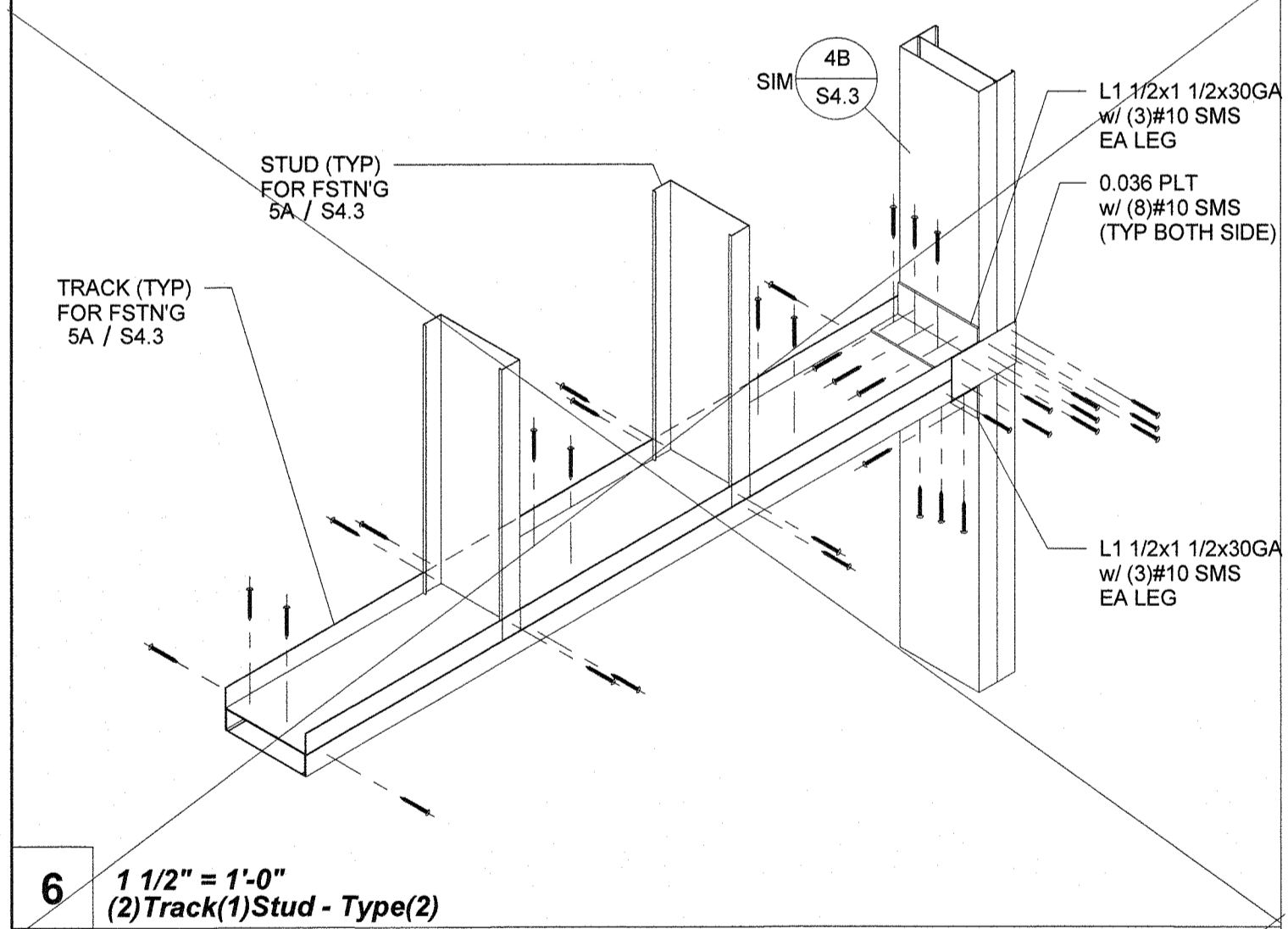
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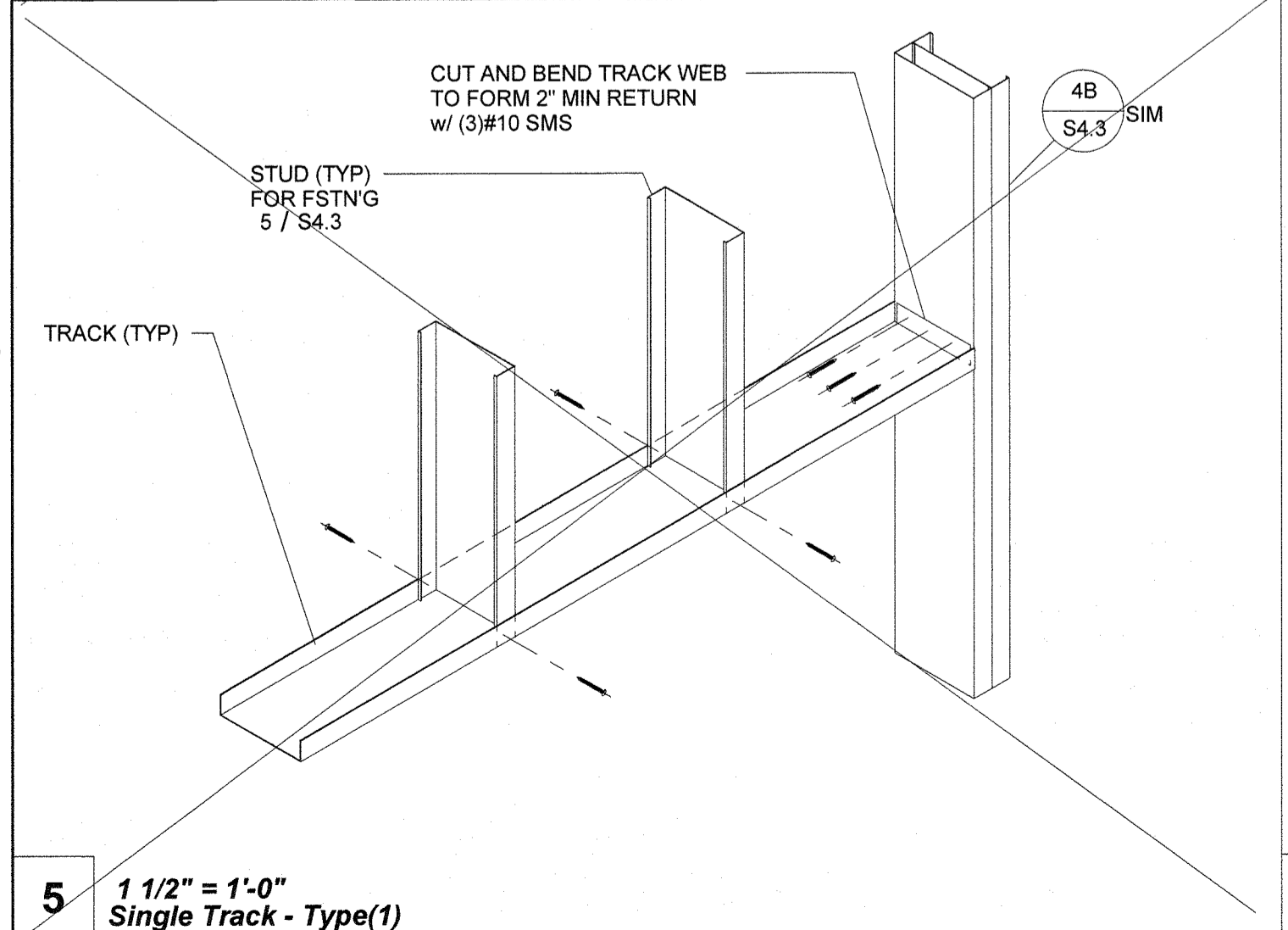
8 1 1/2" = 1'-0"
(3)Stud(3)Track - Type(4)



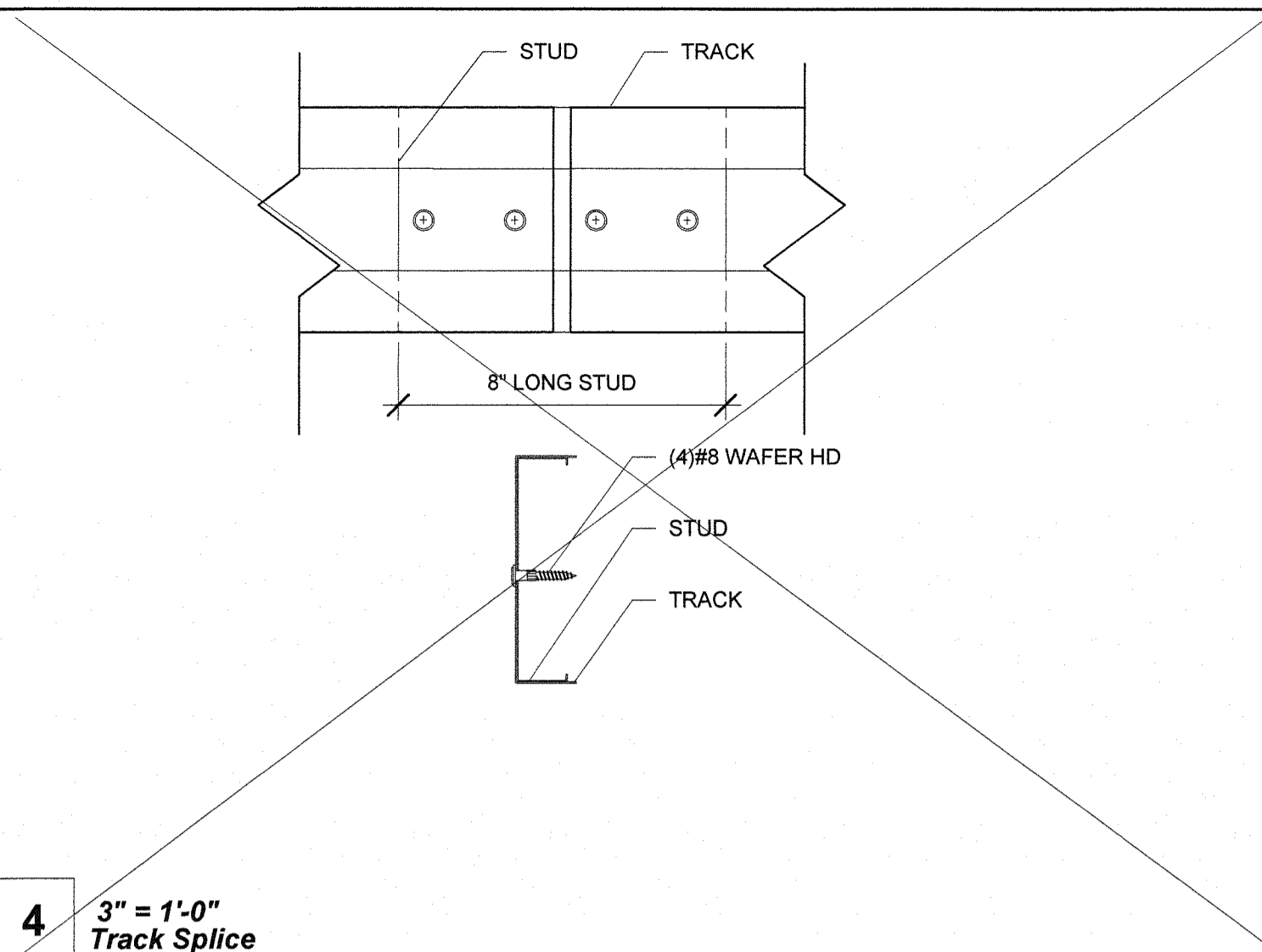
7 1 1/2" = 1'-0"
(3)Track(2)Stud - Type(3)



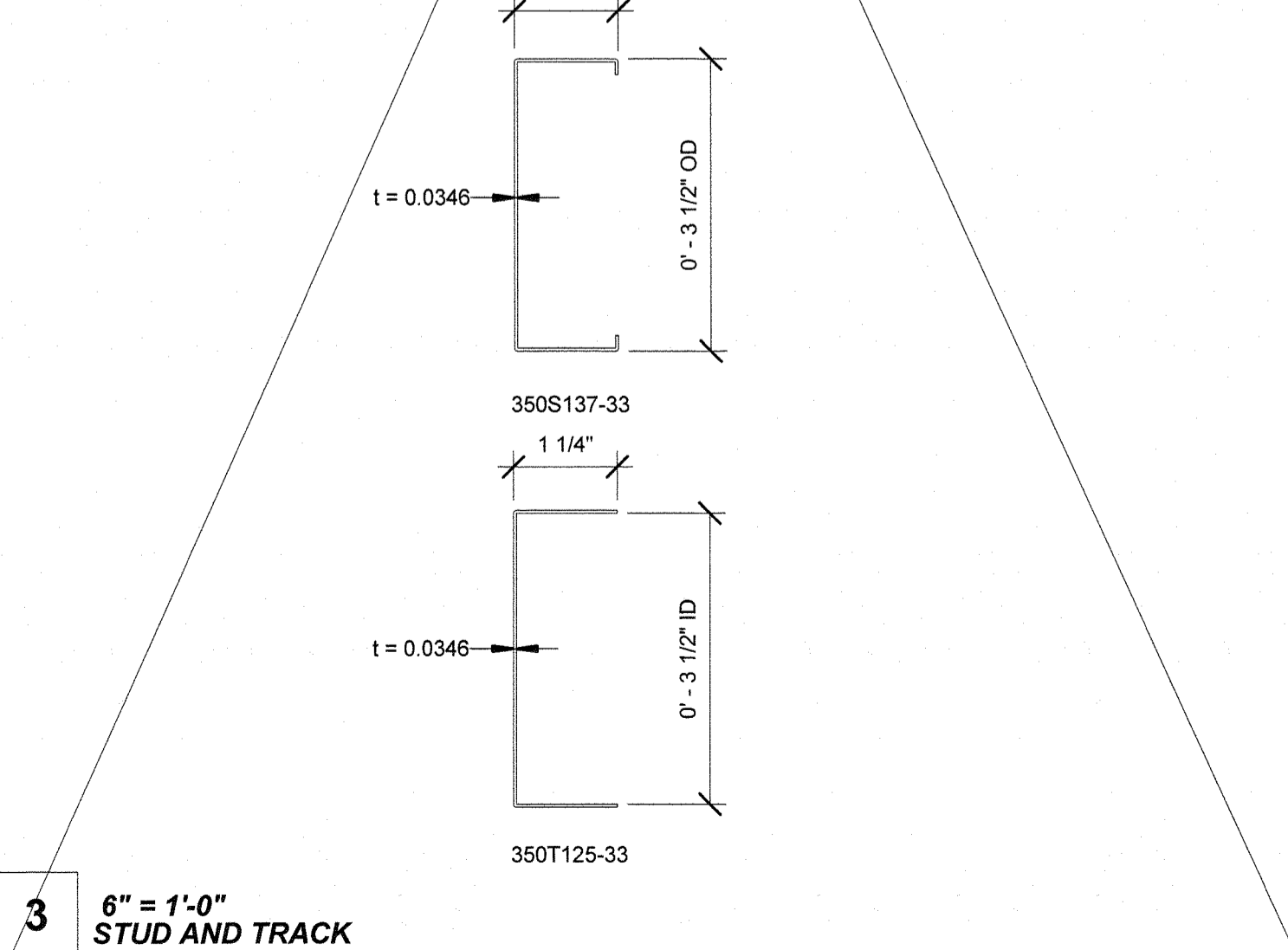
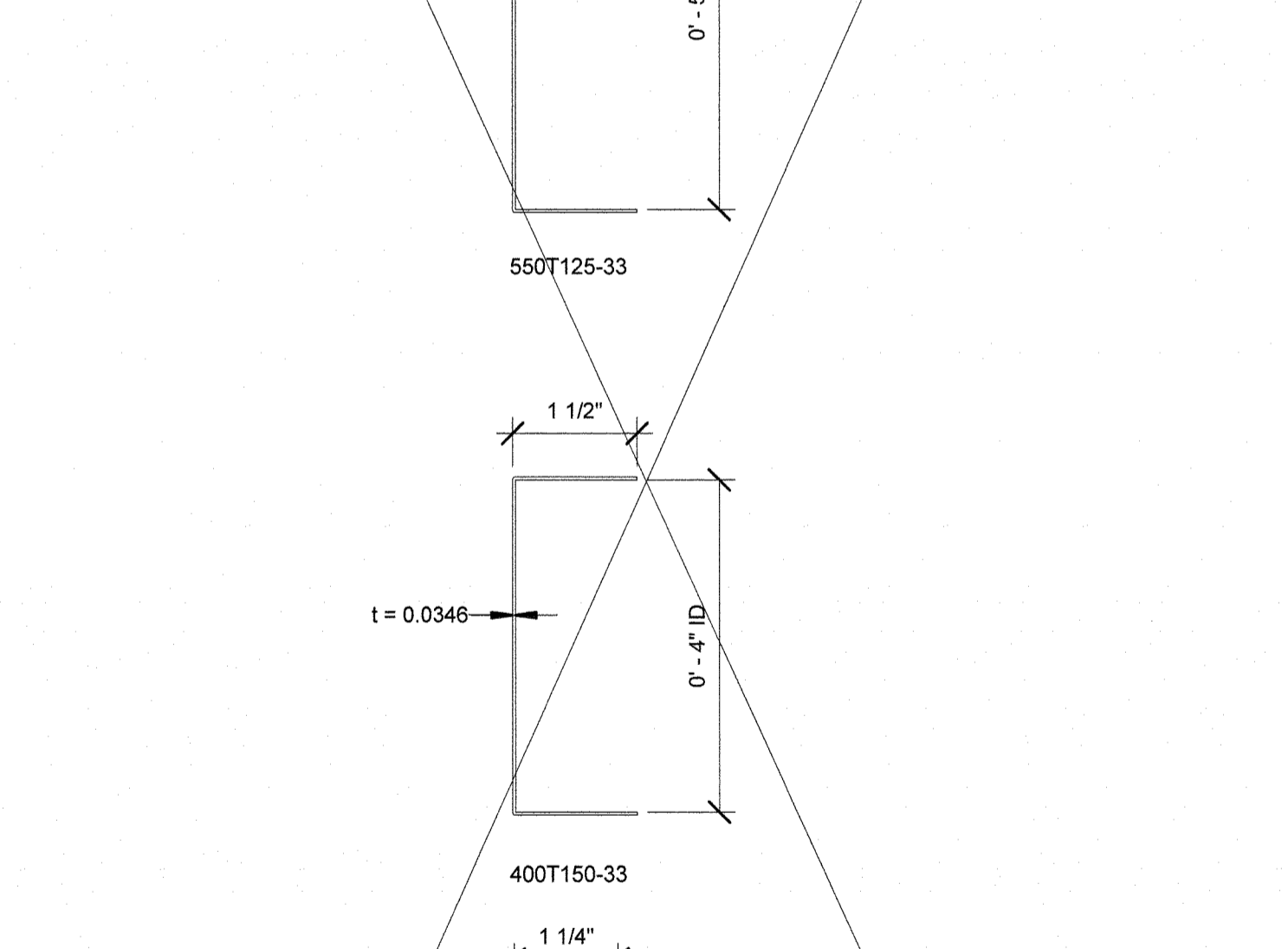
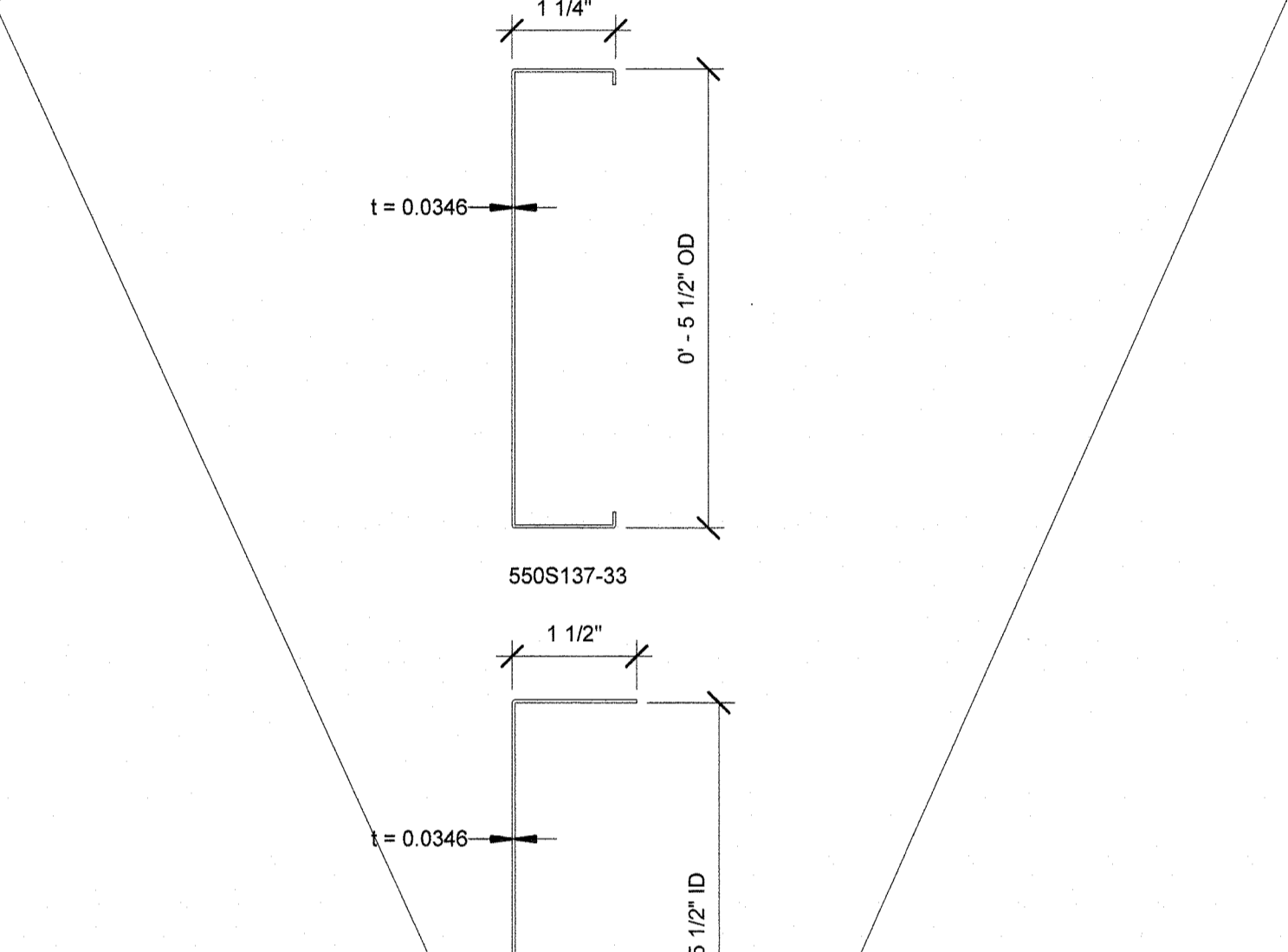
6 1 1/2" = 1'-0"
(2)Track(1)Stud - Type(2)



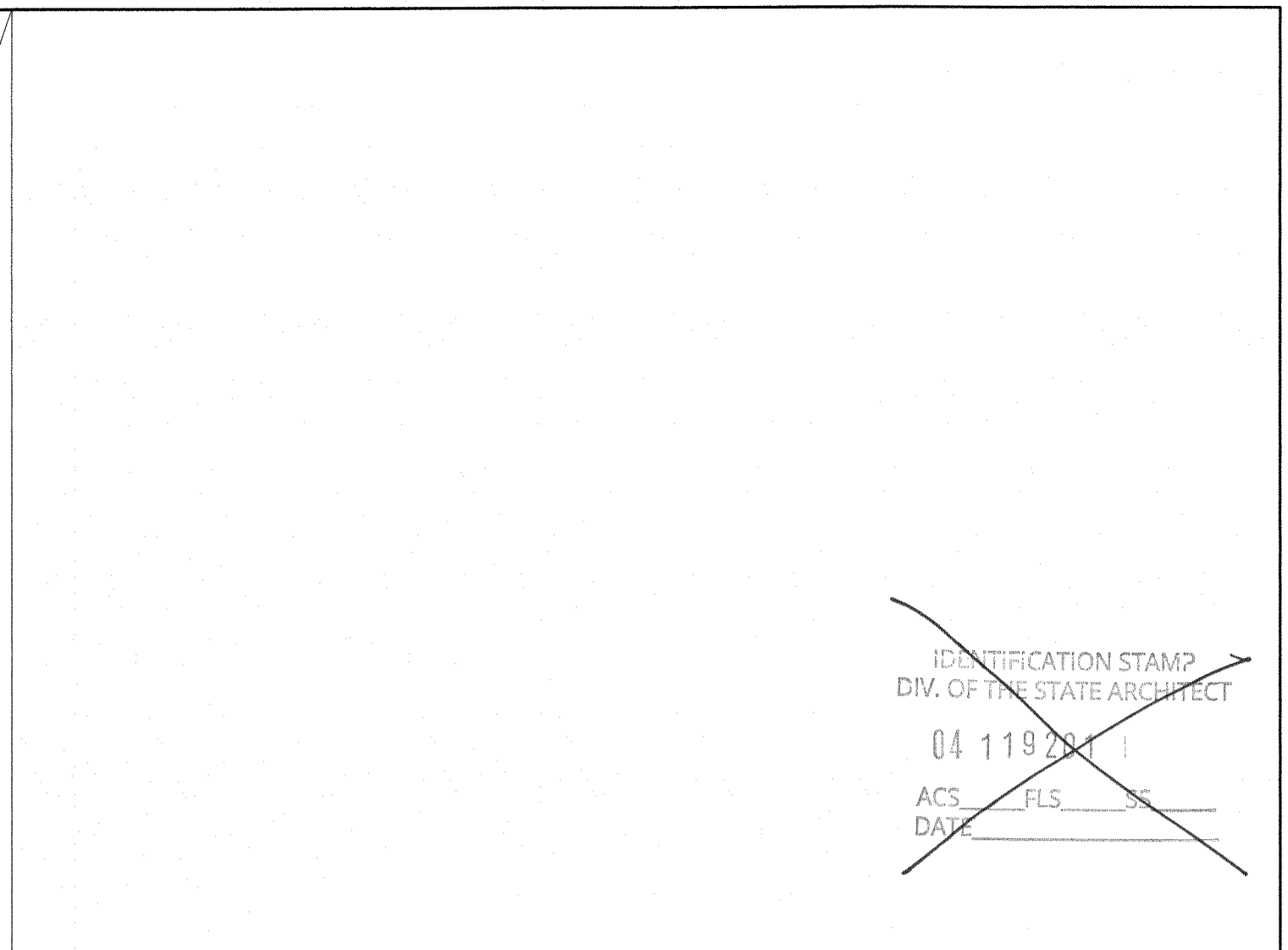
5 1 1/2" = 1'-0"
Single Track - Type(1)



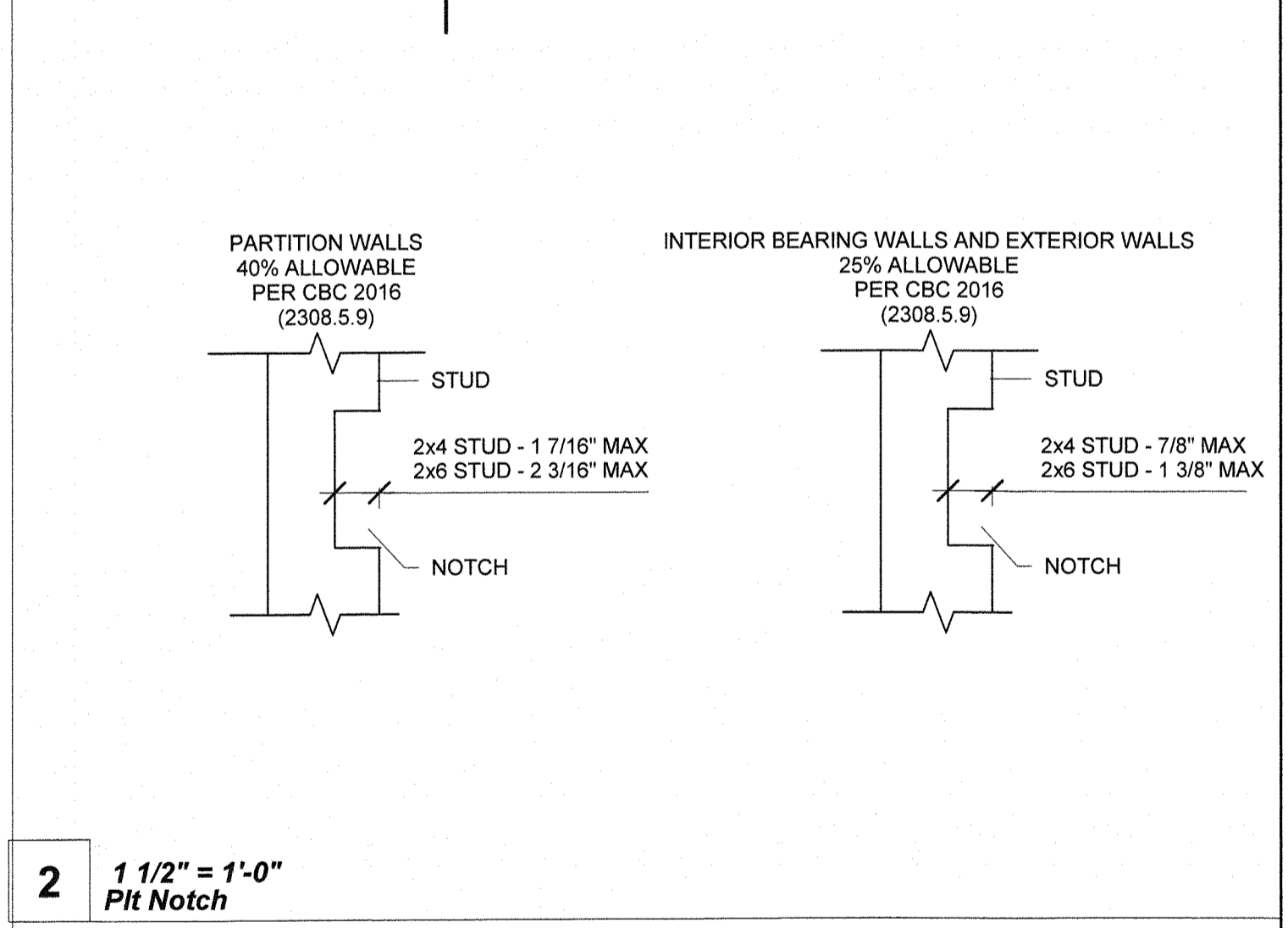
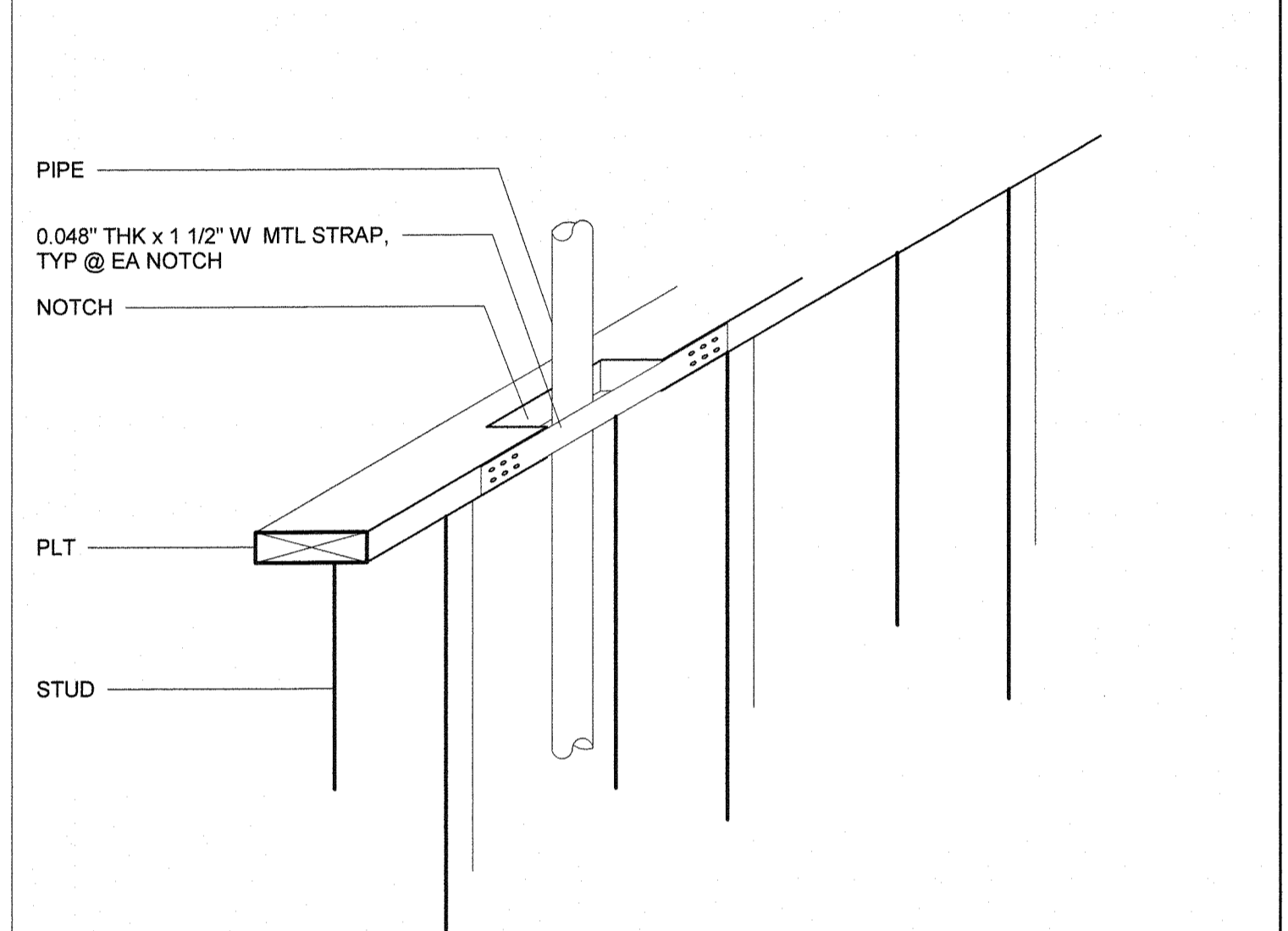
4 3" = 1'-0"
Track Splice



3 6" = 1'-0"
STUD AND TRACK

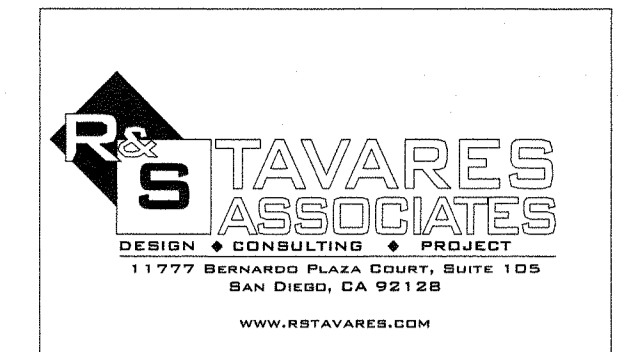


2 1 1/2" = 1'-0"
Pit Notch



1 6" = 1'-0"
Stud Penetration

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 1192011
ACS FLS SS KR
DATE



PROFESSIONAL STAMP
MANUEL D. FLORES
REGISTERED PROFESSIONAL ARCHITECT
NO. 3336
STATE OF CALIFORNIA
04/26/2018

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

ORIGINAL PC STATE AGENCY APPROVAL
FILE NUMBER: STOCK11
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
APP. NO: 04-171781 INCR:
AC RM FLS EA SS KR
DATE 04/23/2019

PROJECT TITLE
**30' x 32'
EXPANDABLE TO
150' x 32'**

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 1192011
ACS FLS SS KR
DATE JUN 10 2018

Revision Schedule		
#	Description	Date

SHEET TITLE
TYP FRAMING

PROJECT NUMBER
17156

DRAWN BY
rMc/SC

CHECKED BY
JA/RT

DATE
10.12.2018

SHEET NO.
S4.4

SHEET OF SHEETS

2x4 Interior Wall Opening Schedule

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

2x6 Exterior Wall Opening Schedule (SHTH'G FINISH)

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

2x6 Exterior Wall Opening Schedule (PLASTER FINISH)

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	2	#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

2x4 Interior Wall Framing Schedule

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.	-	-	-	-

2x6 Exterior Wall Framing Schedule (SHTH'G FINISH)

COL HEIGHT	Typical Location				4ft From Building Corner			
	Lumber	Number	Type	Spacing	Lumber	Number	Type	Spacing
9	HF	1	#2	24" O.C.	HF	1	#2	24" O.C.
	DF	1	#2	24" O.C.	DF	1	#2	24" O.C.
10	HF	1	#2	24" O.C.	HF	1	#2	24" O.C.
	DF	1	#2	24" O.C.	DF	1	#2	24" O.C.

2x6 Exterior Wall Framing Schedule (PLASTER FINISH)

COL HEIGHT	Typical Location				4ft From Building Corner			
	Lumber	Number	Type	Spacing	Lumber	Number	Type	Spacing
9	HF	1	#2	24" O.C.	HF	1	#2	24" O.C.
	DF	1	#2	24" O.C.	DF	1	#2	24" O.C.
10	HF	1	#2	24" O.C.	HF	1	#2	24" O.C.
	DF	1	#2	24" O.C.	DF	1	#2	24" O.C.

NOTE: SEE DETAIL 1 ON SHEETS A2.1 - A2.8

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 119 201
ACS FLS SS KR
DATE 04/23/2019

350 Interior Wall Opening Schedule --Studs = 350S137-33 --Track = 350T125-33

Col Ht	Opn'g Size	HDR		SILL		FULL HEIGHT KING STUD		
		Type	Reference See S4.4	Type	Reference See S4.4	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	7	3	7	Stud	(3)	350S137-33
10'-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	4	8	4	8	Stud	(3)	350S137-33

550 Exterior Wall Opening Schedule (SHTH'G FINISH) --Studs = 550S137-33 --Track = 550T125-33

Col Ht	Opn'g Size	HDR		SILL		FULL HEIGHT KING STUD		
		Type	Reference See S4.4	Type	Reference See S4.4	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	7	3	7	Stud	(3)	550S137-33
10'-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	4	8	4	8	Stud	(3)	550S137-33

550 Exterior Wall Opening Schedule (PLASTER FINISH) --Stud = 550S137-33 --Track = 550T125-33

Col Ht	Opn'g Size	HDR		SILL		FULL HEIGHT KING STUD		
		Type	Reference See S4.4	Type	Reference See S4.4	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	7	3	7	Stud	(3)	550S137-33
10'-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	4	8	4	8	Stud	(3)	550S137-33

350 Interior Wall Framing Schedule

Column Height	Typ Wall Framing				4' From Corner Stud			
	Size	Number	Type	Spacing	Size	Number	Type	Spacing
9'-0"	350S137-33	(1)	Stud	16" o/c	-	-	-	-
10'-0"	350S137-33	(1)	Stud	16" o/c	-	-	-	-

550 Exterior Wall Framing Schedule (SHTH'G FINISH)

Column Height	Typ Wall Framing				4' From Corner Stud			
	Size	Number	Type	Spacing	Size	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

550 Exterior Wall Framing Schedule (PLASTER FINISH)

Column Height	Typ Wall Framing				4' From Corner Stud			
	Size	Number	Type	Spacing	Size	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

PROFESSIONAL STAMP

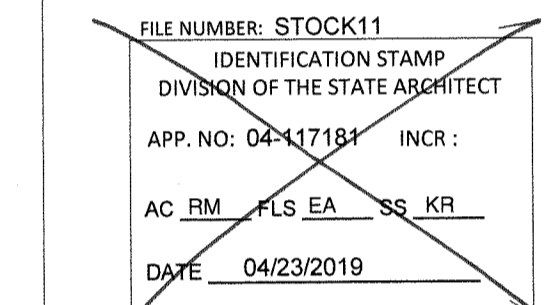


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CLIENT



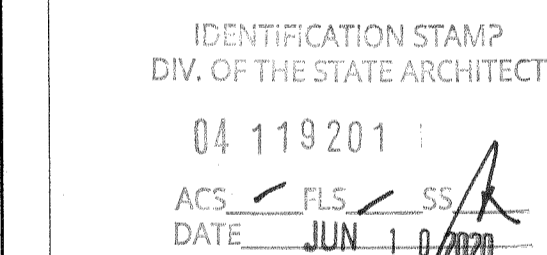
ORIGINAL PC STATE AGENCY APPROVAL



PROJECT TITLE

30' x 32' EXPANDABLE TO 150' x 32'

PROJECT SPECIFIC STATE AGENCY APPROVAL



Revision Schedule

Description Date

SHEET TITLE

FRAMING SCHEDULES

PROJECT NUMBER

17156

DRAWN BY

RMc/SC

CHECKED BY

JA/RT

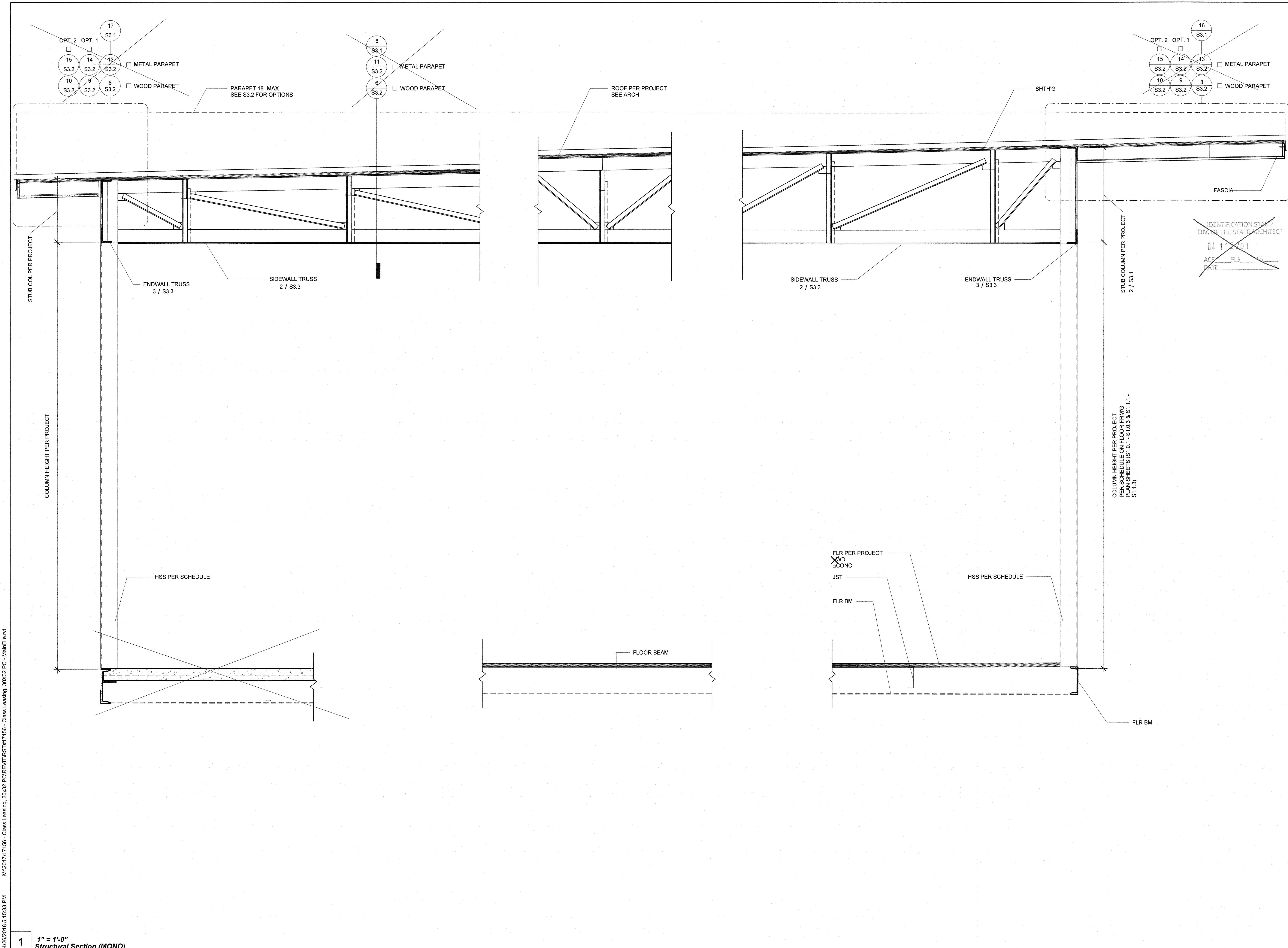
DATE

10.12.2018

SHEET NO.

S4.5

SHEET OF SHEETS



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CLIENT

CLASS LEASING LLC
 1221 Harley Knox Boulevard
 Perris, CA 92571

ORIGINAL PC STATE AGENCY APPROVAL

 FILE NUMBER: STOCK11
 IDENTIFICATION STAMP
 DIVISION OF THE STATE ARCHITECT
 APP. NO: 04-119201 INCR:
 AC_RM FLS EA SS_KR
 DATE 04/23/2019

PROJECT TITLE
**30' x 32'
 EXPANDABLE TO
 150' x 32'**

PROJECT SPECIFIC STATE AGENCY APPROVAL

 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 119201
 ACS FLS SS_KR
 DATE JUN 10 2018

Revision Schedule

#	Description	Date

SHEET TITLE
**LONG. SECTION -
 (MONO)**

PROJECT NUMBER
 17156

DRAWN BY
 rMc/SC

CHECKED BY
 JA/RT

DATE
 10.12.2018

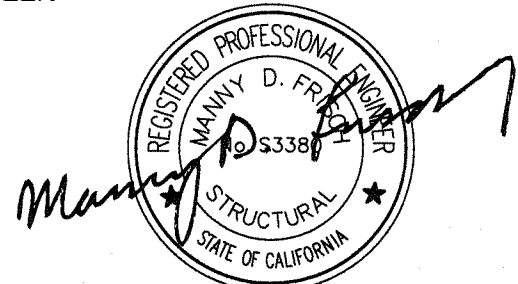
SHEET NO.
S5.0

SHEET OF SHEETS

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 119201
 ACS SL FL5 DS SS
 DATE JUN 10 2021

REVISIONS	BY

CLASS LEASING LLC
 1320 W. Oleander Ave. Perris, CA 92571-7408
 VOICE (951)943-1908 FAX (951)943-5768

ENGINEER

 04/27/2020

AOR

SHEET TITLE:
**SANTEE SCHOOL DISTRICT
 CHET F. HERRITT ELEMENTARY SCHOOL
 60x32 CLASSROOM BLDG**

DATE: 02-19-2020

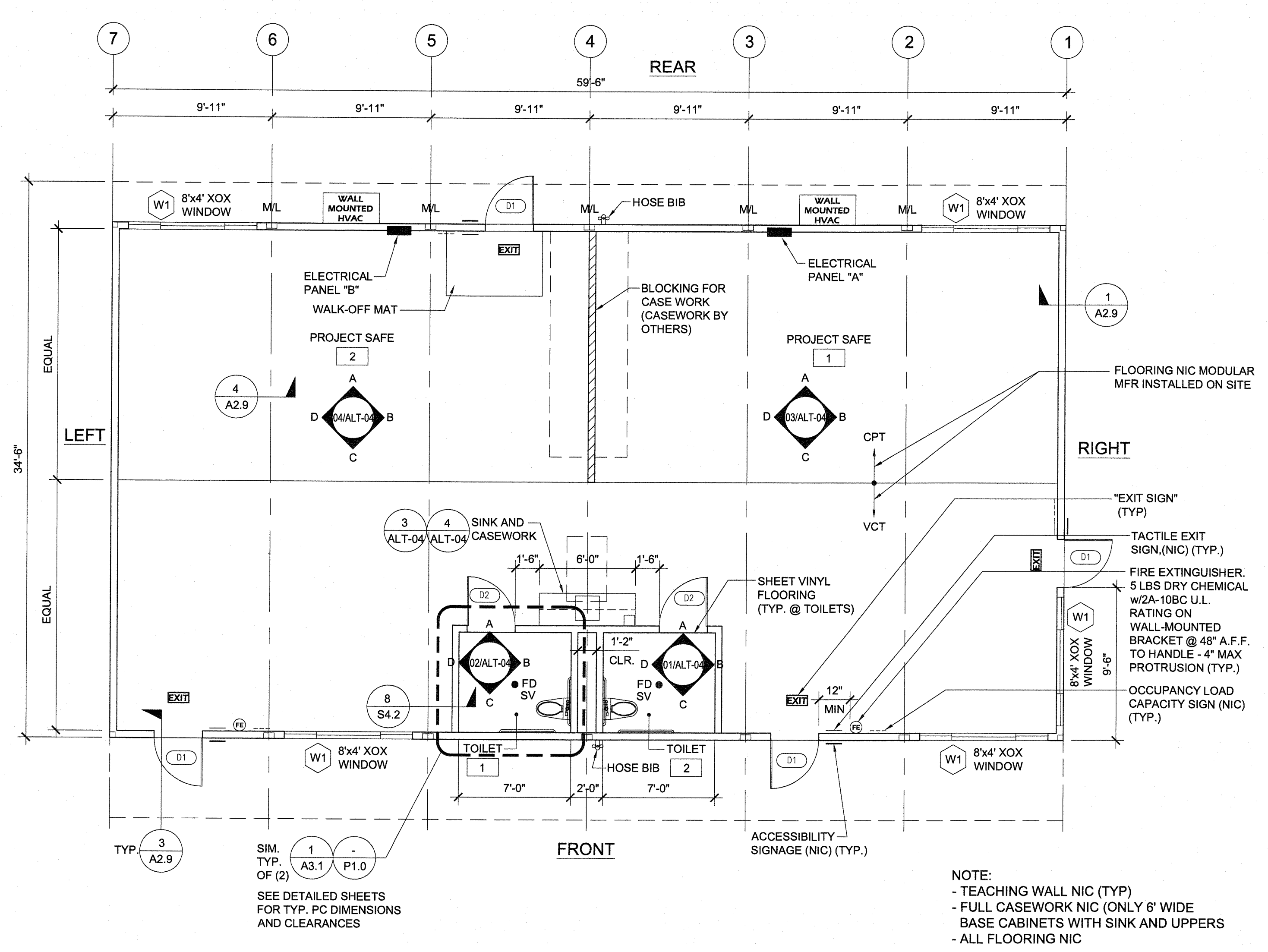
DRAWN BY: EDDIE LOPEZ

SCALE: AS SHOWN

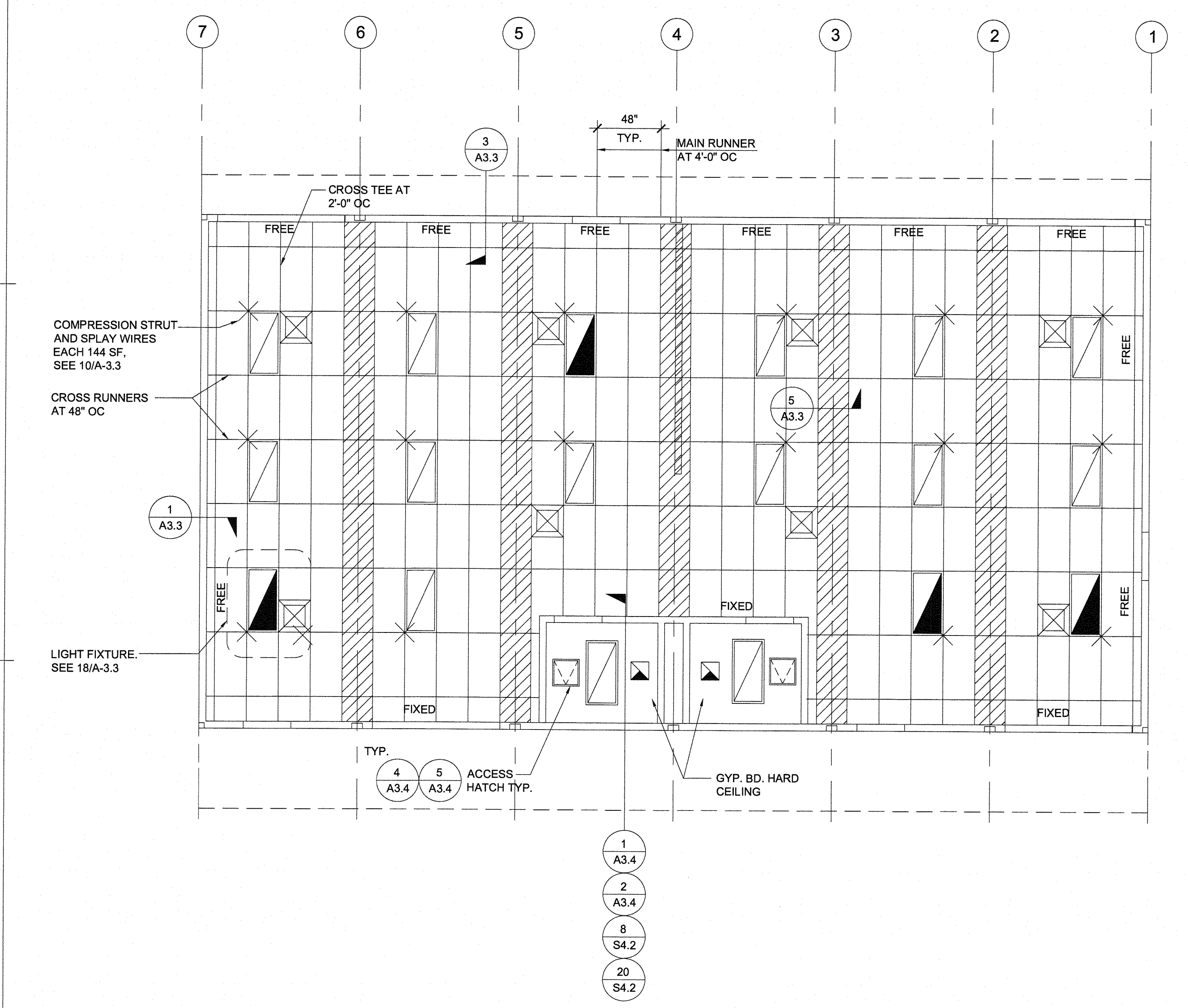
JOB:

SHEET NO:
ALT-01

WALL LEGEND
 [Symbol] 2x6 EXTERIOR WALL
 [Symbol] 2x4 INTERIOR FULL HEIGHT WALL
 [Symbol] 2x6 PLUMBING WALL



REF.: DSA # - } SHEET A1.01 FLOOR PLAN SCALE: 3/16" = 1'-0" 1



REF.: DSA # - } SHEET A7.01 REFLECTED CEILING PLAN SCALE: 3/16" = 1'-0" 2

Plot by AutoCAD/Print - Eddies April 21, 2020

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 119 201
 ACS SL FLS DS SS
 DATE JUN 1 0 2020

REVISIONS	BY
1	
2	
3	
4	
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6	
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CLASS LEASING LLC
 1320 W. Oleander Ave. Perris, CA 92571-7408
 VOICE (951) 943-1908 FAX (951) 943-5768

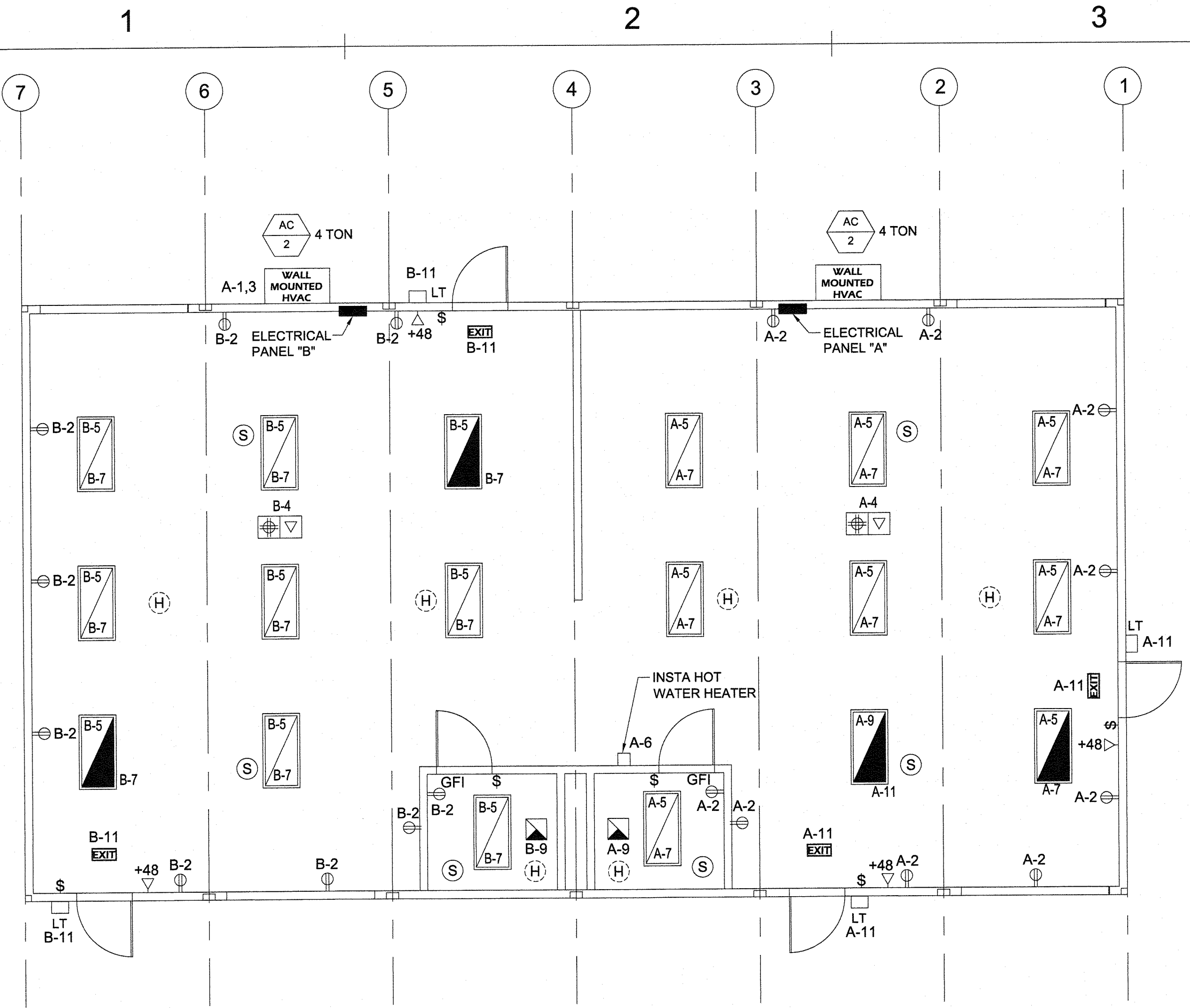
ENGINEER

 AOR

SHEET TITLE:
**SANTEE SCHOOL DISTRICT
 CHET F. HERRITT ELEMENTARY SCHOOL
 60x32 CLASSROOM BLDG**

DATE: 02-19-2020
 DRAWN BY: EDDIE LOPEZ
 SCALE: AS SHOWN
 JOB:
 SHEET NO:

ALT-02

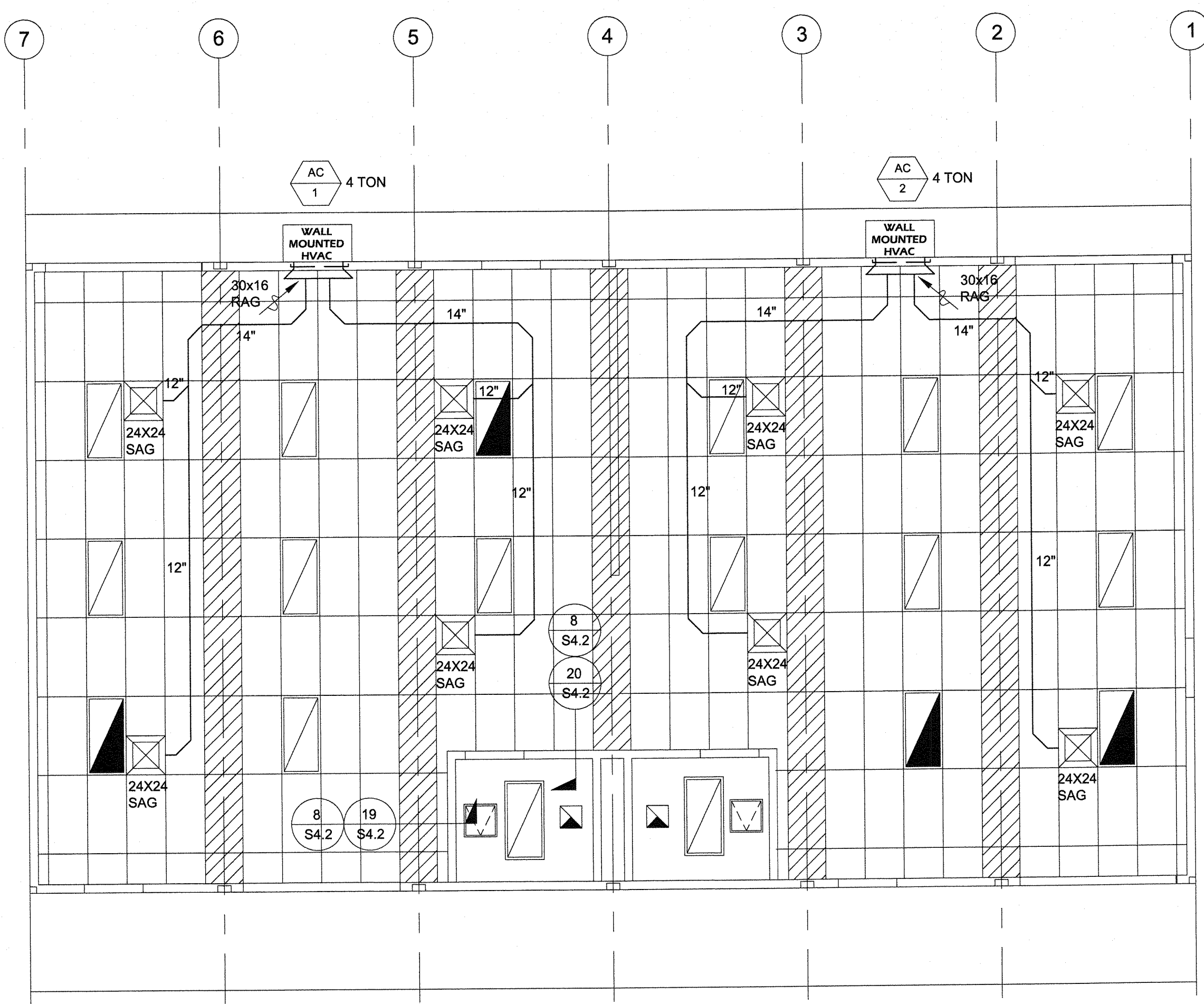


ELECTRICAL LEGEND - SEE SHEET E1.2 & E1.3

- 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: 79W (3 LAMPS/32W/18) 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.
- 2x4 CEILING LIGHT WITH (3) T-8 LAMPS, LAY-IN FLUORESCENT LIGHT FIXTURE WITH ELECTRONIC BALLAST
- 1x4 CEILING LIGHT, LAY-IN FLUORESCENT LIGHT FIXTURE WITH ELECTRONIC BALLAST
- ELECTRICAL PANEL AT +60" AFF TO CENTERLINE OF PANEL WITH 1-1/2" DIA POWER STUB OUT
- LIGHT SWITCH, MOUNT AT +48" AFF TO CENTERLINE OF DEVICE
- MOTION LIGHT SWITCH, MOUNT AT +48" AFF TO CENTERLINE OF DEVICE
- 4SD J-BOX FOR FUTURE DATA- 1" CO STUB INTO ATTIC WITH PULLSTRING.
- 4SD J-BOX FOR FIRE ALARM PULLSTATION (DEVICE BY OTHERS). MOUNT AT +48" AFF TO PULL HANDLE OF DEVICE WITH 3/4" CONDUIT TO FIRE ALARM STROBE WITH PULLSTRING
- 4SD J-BOX FOR FIRE ALARM STROBE/HORN (DEVICE BY OTHERS). MOUNT AT +60" AFF TO BOTTOM OF DEVICE WITH 3/4" CONDUIT TO EXTERIOR FIRE ALARM HORN 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)
- 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
- DUPLEX (WALL MOUNTED) RECEPTACLE 15A - 125V - 3 WIRE. MOUNT AT +18" AFF U.O.N. TO CENTERLINE OF DEVICE
- EXTERIOR WEATHER PROOF GFI RECEPTACLE AT +24" A.F.F FOR A/C SERVICES (MAX. 25'-0" FROM UNITS)
- GROUND FAULT CIRCUIT INTERRUPT RECEPTACLE WITHIN 6'-0" OF ALL SINKS
- QUAD PLEX (WALL MOUNTED) RECEPTACLE 15A - 125V - 3 WIRE. MOUNT AT +18" AFF U.O.N. TO CENTERLINE OF DEVICE
- DUPLEX (CEILING MOUNTED) RECEPTACLE 15A - 125V - 3 WIRE.
- EXTERIOR LIGHT FIXTURE. MOUNT AT +93" AFF
- 4SD J-BOX FOR EXTERIOR FIRE ALARM HORN (DEVICE BY OTHERS). MOUNT AT +96" AFF TO CENTERLINE OF DEVICE WITH 3/4" CONDUIT TO FIRE ALARM BACKBOX WITH PULLSTRING
- SMOKE DETECTOR 4SD J-BOX ONLY - IN CEILING
- HEAT DETECTOR 4-SD J-BOX ONLY
- CEILING MOUNTED SPEAKER
- CEILING MOUNTED DATA OUTLET
- WALL MOUNTED TELEPHONE OUTLET @ +18" A.F.F. UON
- WALL MOUNTED DATA OUTLET @ +18" A.F.F. UON
- CEILING MOUNTED PHOTOCCELL, WATTSTOPPER #MLLS-500 OR EQUAL
- CEILING MOUNTED OCCUPANCY SENSOR WATTSTOPPER #MPC-100 OR EQUAL
- 100 CFM CEILING MOUNTED EXHAUST FAN INTERLOCKED WITH LIGHT SWITCH, TYPE EF-D
- CLOCK OUTLET +90" A.F.F. TO CENTERLINE OF DEVICE
- EXTERIOR LED LIGHT FIXTURE: 30W MAX WITH 90 MIN. BATTERY BACKUP MOUNTED AT +93" A.F.F.
- CEILING MOUNTED QUAD OUTLET & DATA

PANEL: A S/N:	PHASE: SINGLE	VOLTS: 120/240	BUSS: 150 AMP	MAIN: BREAKER	LOCATION: INTERIOR	FEED: BOTTOM	MOUNTING: RECESSED	WATTS		NO OF		OBJECT DESCRIPTION					
								A	B	LCL	PER						
4 TON A/C	5428	1	x	5428	60	2	#6	1	X	2	#12	1	20	1620	9	180	RECEPT/DUPLEX
4 TON A/C	5428	/	x	5428	7	7	#6	3	X	4	#12	1	20	500	1	500	RECEPT/DATA
LIGHTS 2x4	136	9	x	1224	20	2	#12	5	X	6	#8	1	20	1500	1	1500	INSTA HOT
LIGHTS 2x4	136	9	x	1224	20	7	#12	7	X	8				0			
EXHAUST FAN	156	1	x	156	20	1	#12	9	X	10				0			
EXIT EXTERIOR LTS	60	4	x	240	20	1	#12	11	X	12				0			
LEG TOTALS														3120	500		LEG TOTALS
LCL=3425+17320=20745								LEG BALANCE = 14.6%		TOTAL AMPS: 86.44							

PANEL: B S/N:	PHASE: SINGLE	VOLTS: 120/240	BUSS: 150 AMP	MAIN: BREAKER	LOCATION: INTERIOR	FEED: BOTTOM	MOUNTING: RECESSED	WATTS		NO OF		OBJECT DESCRIPTION					
								A	B	LCL	PER						
4 TON A/C	5428	1	x	5428	60	2	#6	1	X	2	#12	1	20	1620	9	180	RECEPT/DUPLEX
4 TON A/C	5428	/	x	5428	7	7	#6	3	X	4	#12	1	20	500	1	500	RECEPT/DATA
LIGHTS 2x4	136	9	x	1224	20	2	#6	5	X	6				0			
LIGHTS 2x4	136	9	x	1224	7	7	#6	7	X	8				0			
EXHAUST FAN	156	1	x	156	20	1	#12	9	X	10				0			
EXIT EXTERIOR LTS	60	4	x	240	20	1	#12	11	X	12				0			
LEG TOTALS														1620	500		LEG TOTALS
LCL=3425+15820=19245								LEG BALANCE = 6.5%		TOTAL AMPS: 80.19							



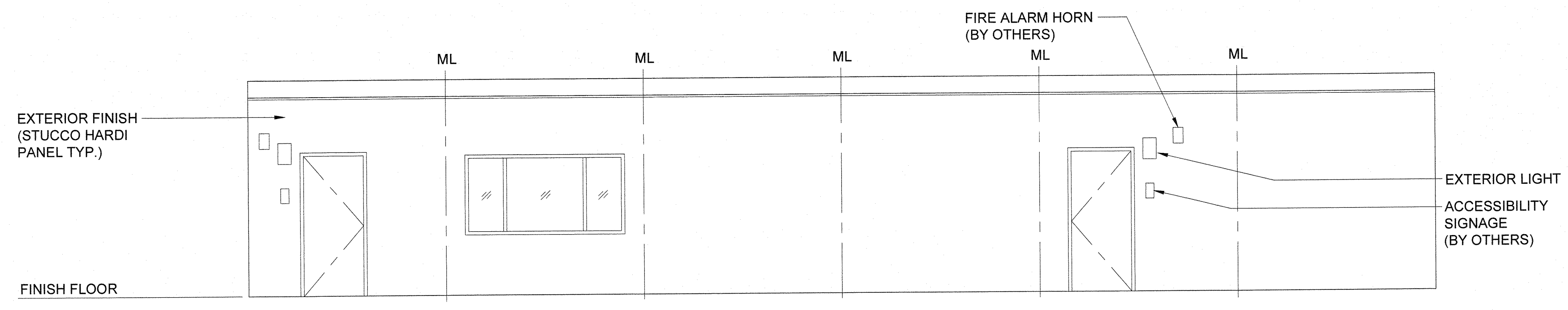
MECHANICAL LEGEND

- SUPPLY DUCT
- RETURN DUCT
- 12" NUMBER INDICATES DUCT SIZE
- SUPPLY AIR GRILLE
- RETURN AIR GRILLE
- EXHAUST FAN
- THERMOSTAT

- AC 1 4 TON MECHANICAL OUTDOOR
- AC 2 4 TON MECHANICAL OUTDOOR

1 2 3 4 5 6

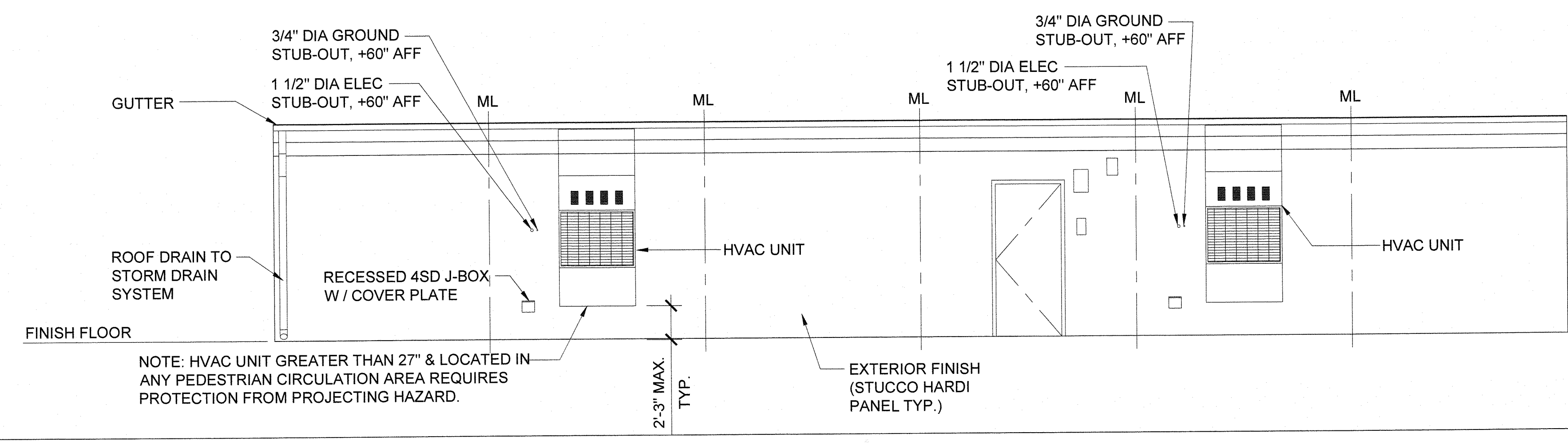
E



FRONT

A

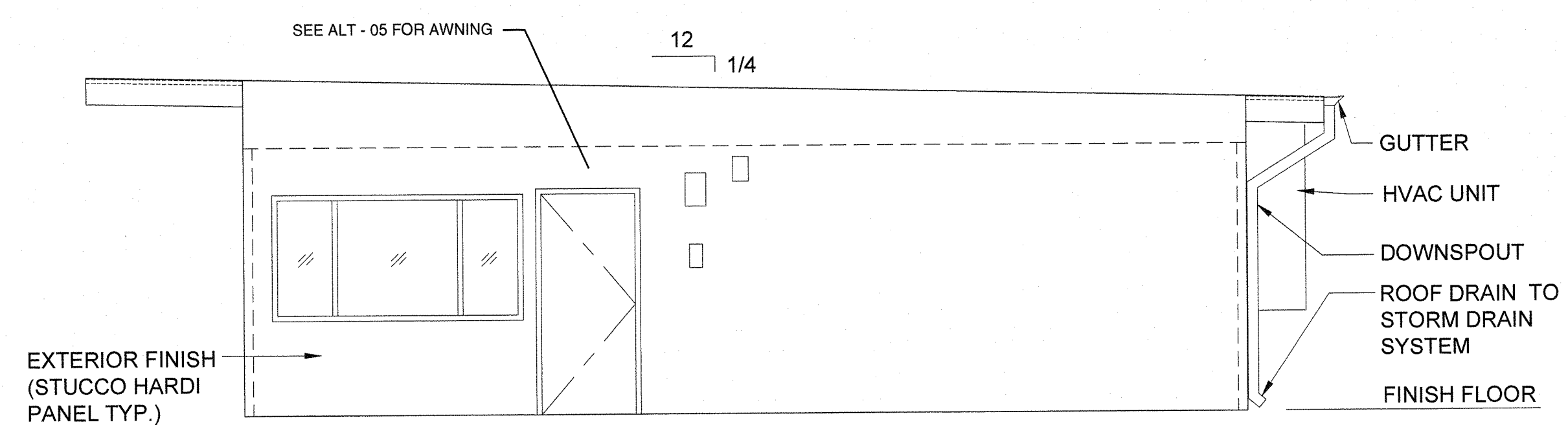
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REAR

B

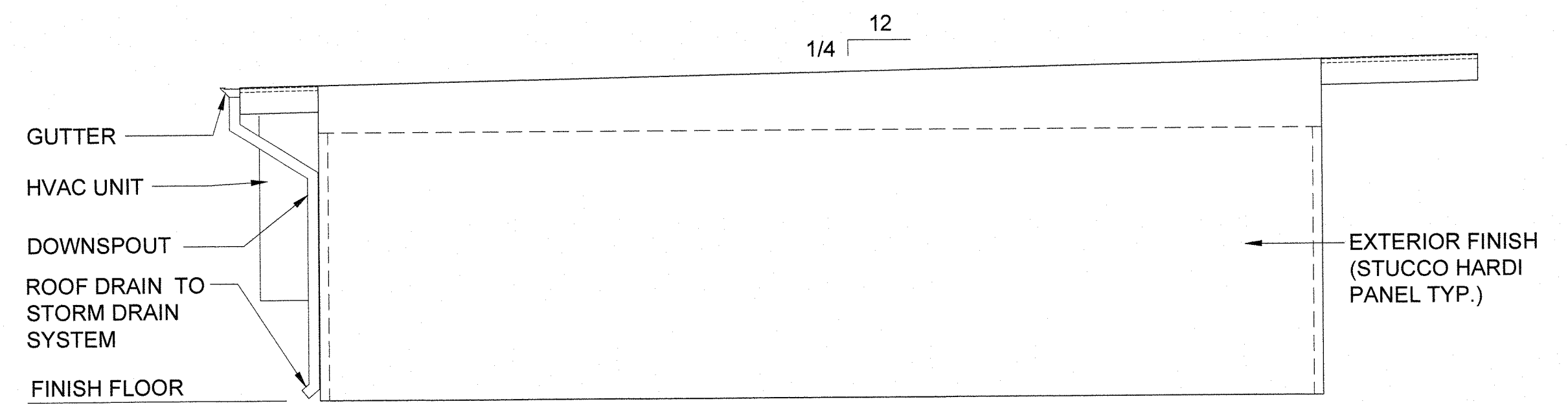
C



RIGHT

C

B



LEFT

D

A

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 119 201
ACS SL FLS DS SS
DATE JUN 10 2020

REVISIONS	BY

CLASS LEASING LLC

1320 W. Oleander Ave. Perris, CA 92571-7408
VOICE (951) 943-1908 FAX (951) 943-5768

ENGINEER

MANU D. FRIEDL
REGISTERED PROFESSIONAL ENGINEER
No. 53386
STRUCTURAL
STATE OF CALIFORNIA

03/25/2020

AOR

SHEET TITLE:
SANTEE SCHOOL DISTRICT
CHET F. HERRITT ELEMENTARY SCHOOL
60x32 CLASSROOM BLDG

DATE: 02-19-2020

DRAWN BY: EDDIE LOPEZ

SCALE: AS SHOWN

JOB:

SHEET NO:

ALT-03

REF.: DSA A# - } SHEET A5.0 & A5.1

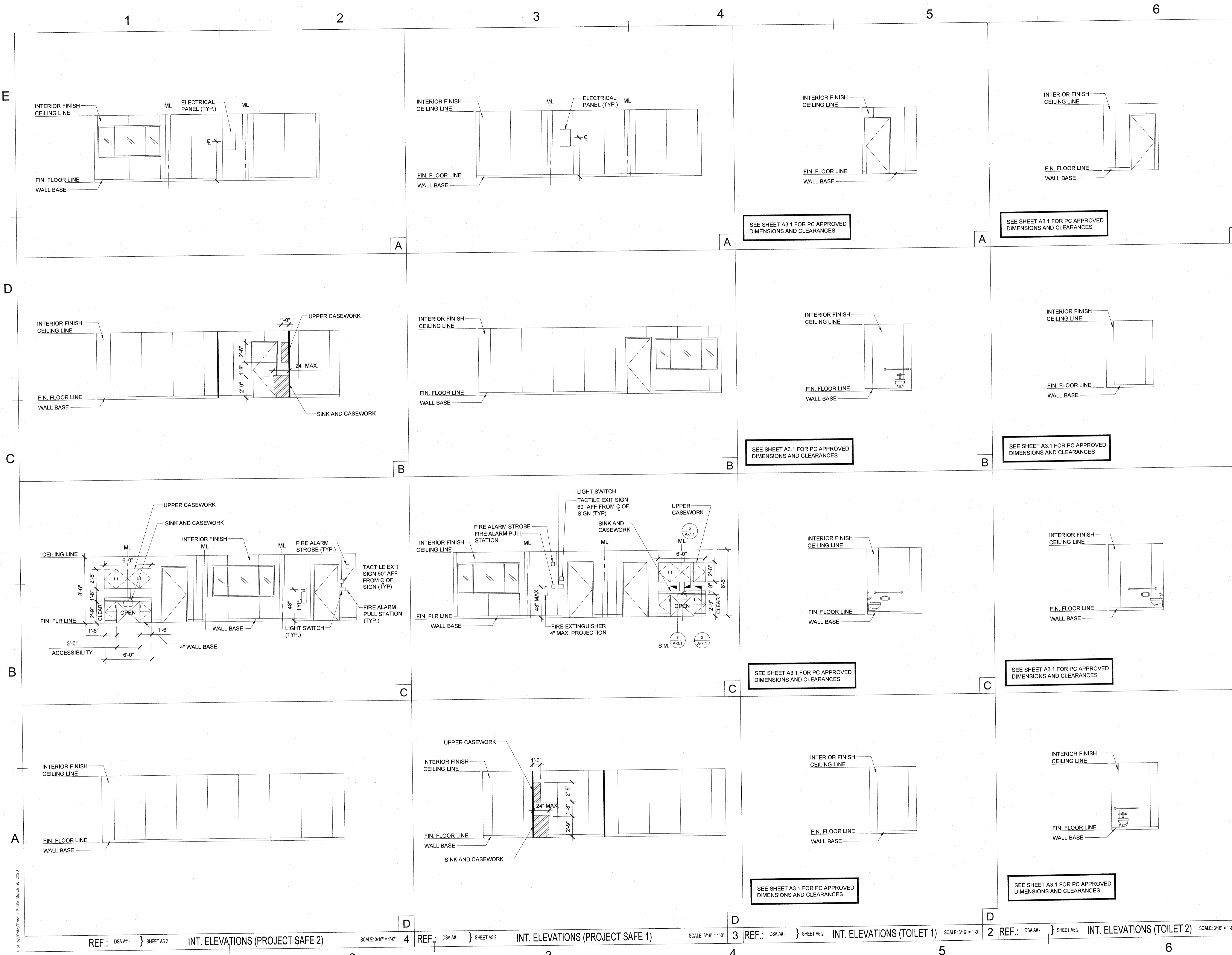
EXTERIOR ELEVATIONS

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

1

1 2 3 4 5 6

Plot By/Date/Time : C:\dsb March 9, 2020



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 DIV. OF THE STATE ARCHITECT
 04 119 201
 ACS SL FL DS SS
 DATE JUN 10 2020

REVISIONS	BY

CLASS LEASING LLC
 1320 W. Oleander Ave. Perris, CA 92571-7408
 VOICE (951) 943-1908 FAX (951) 943-5768

ENGINEER

 03/25/2020

AOR

SHEET TITLE:
 SANTEE SCHOOL DISTRICT
 CHET F. HERRITT ELEMENTARY SCHOOL
 60x32 CLASSROOM BLDG

DATE: 02-19-2020

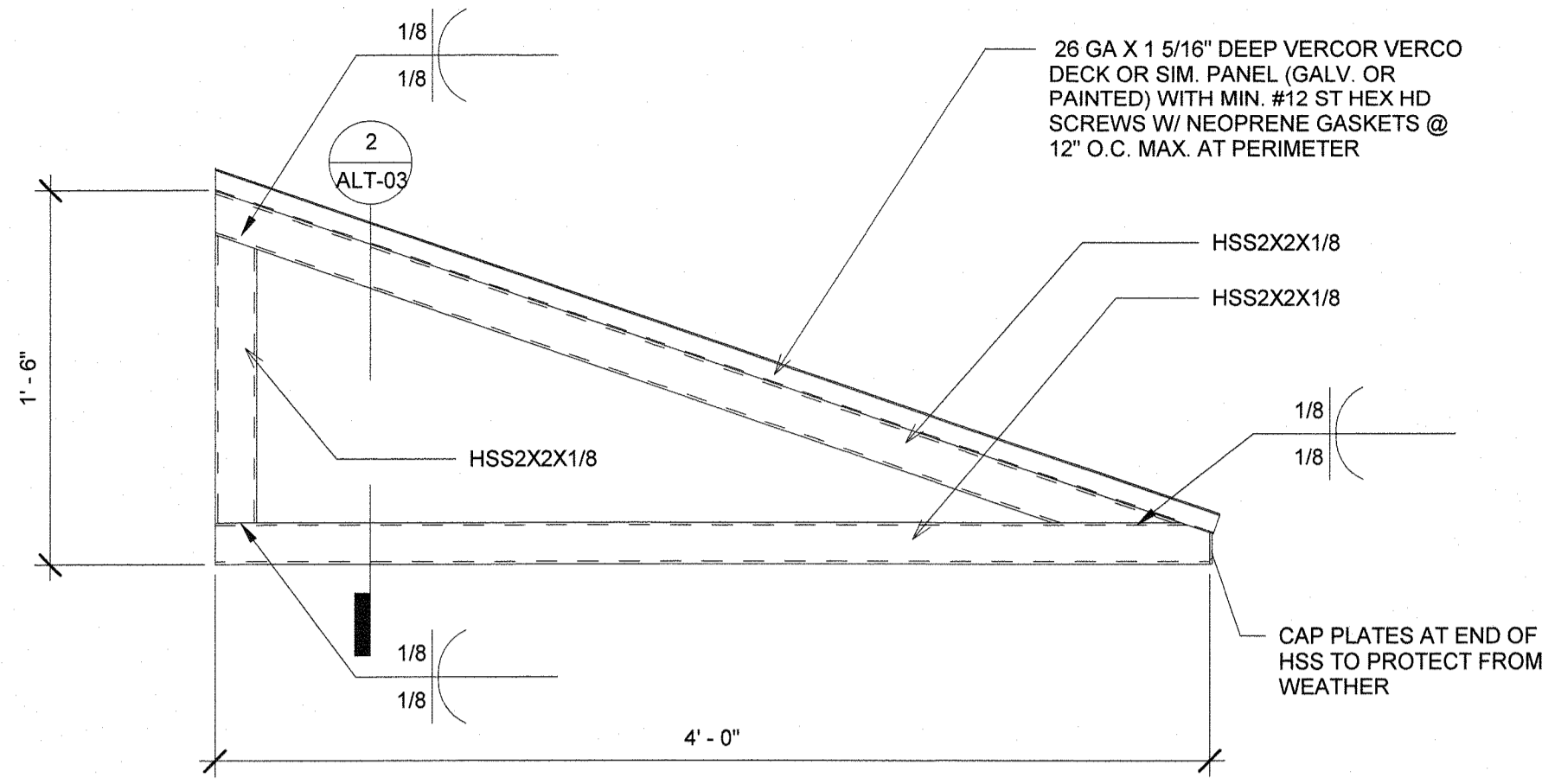
DRAWN BY: EDDIE LOPEZ

SCALE: AS SHOWN

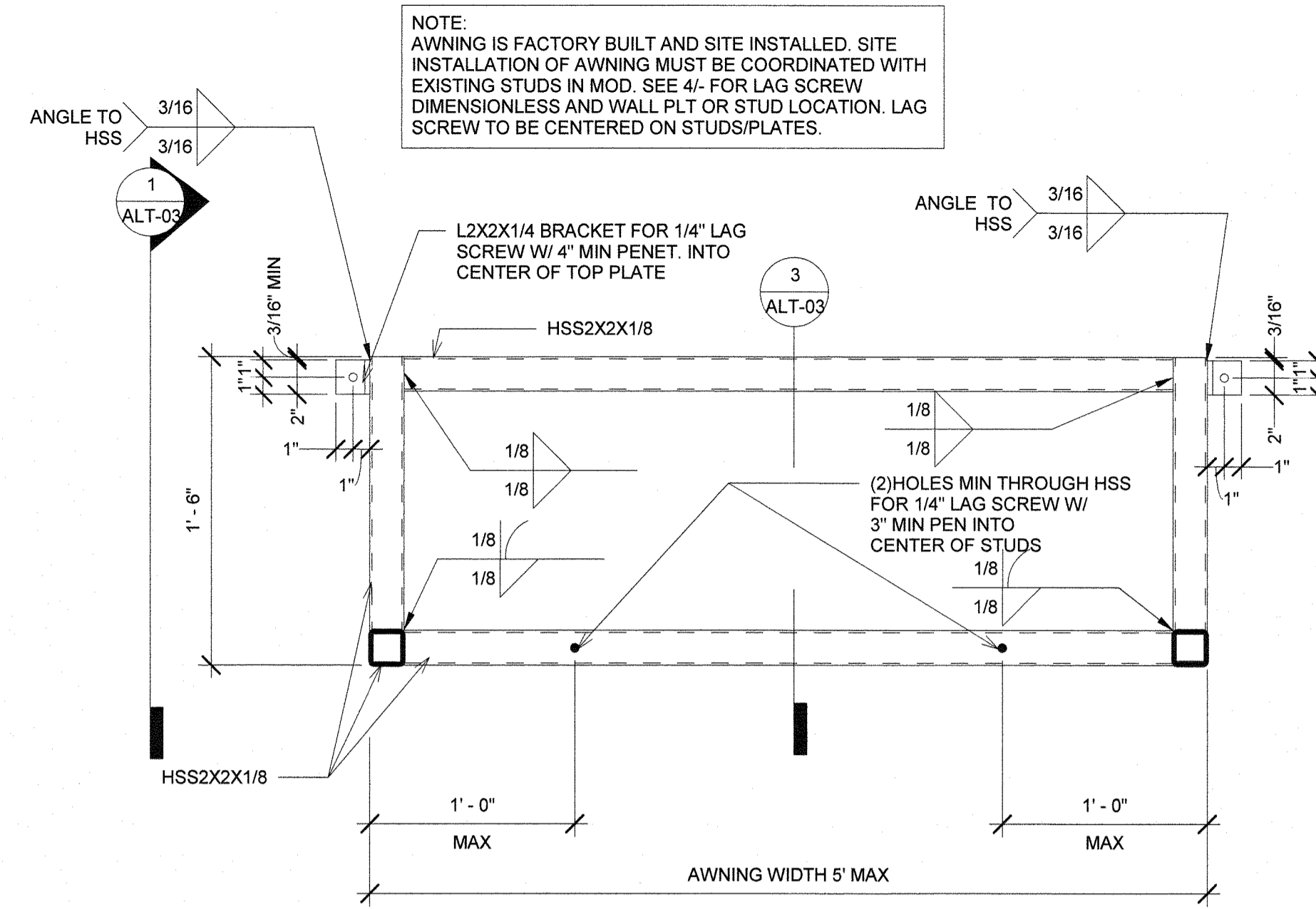
JOB:

SHEET NO:
ALT-04

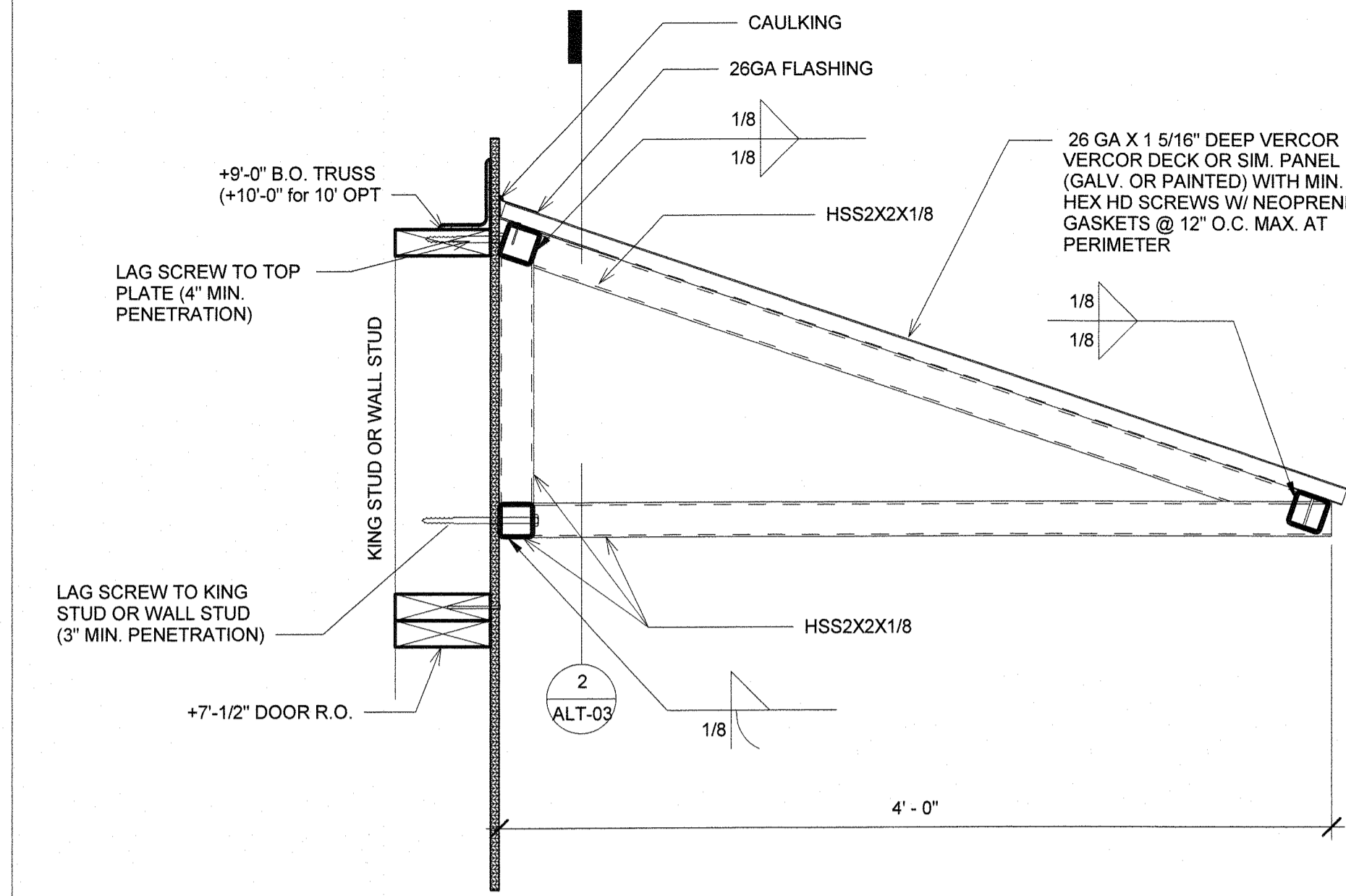
Plot by Plot/Print by Plot/Print 1 03/26/2020 March 9, 2020



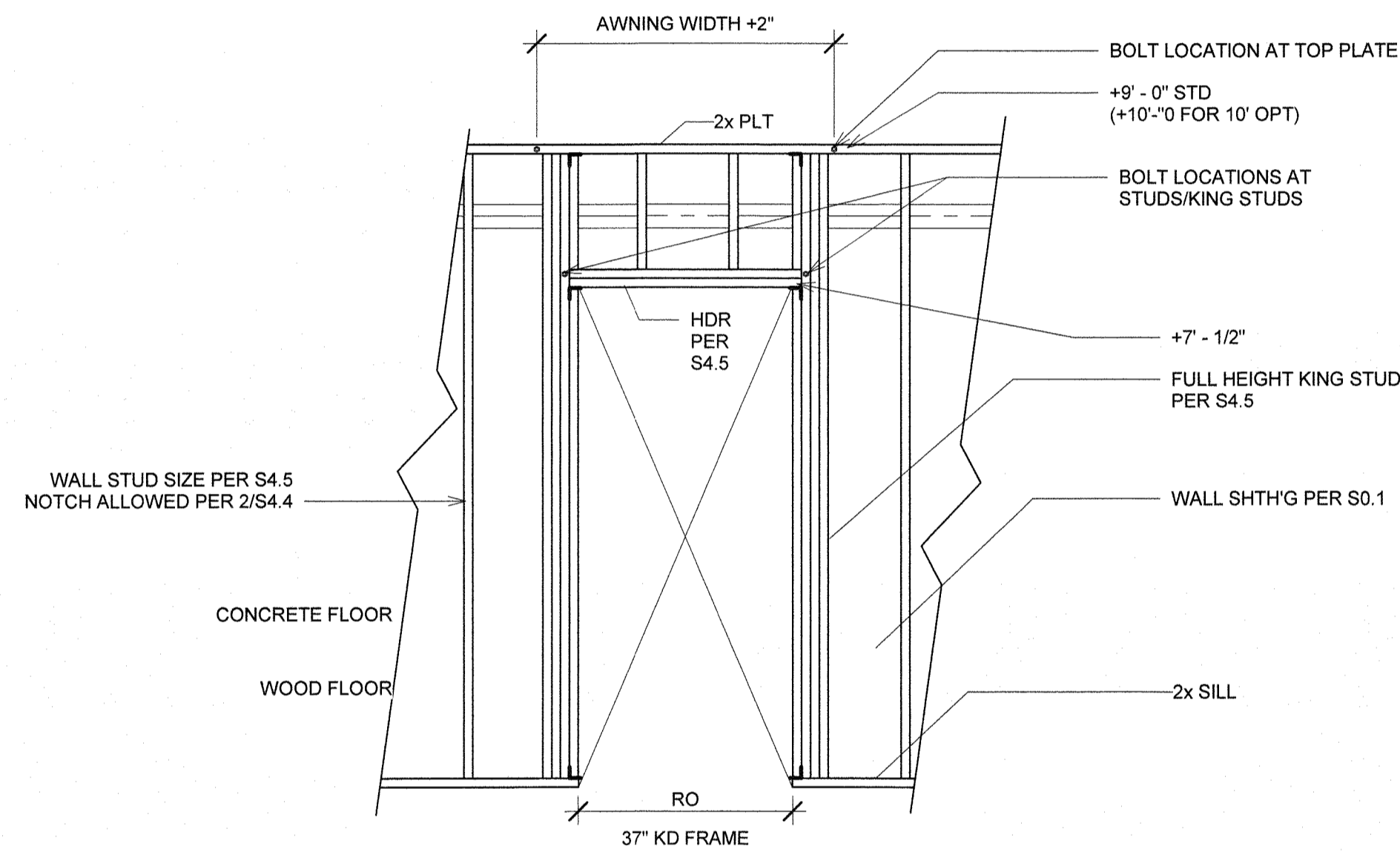
1 1/2" = 1'-0"
SIDE VIEW



2 1/2" = 1'-0"
LONGITUDINAL SECTION



3 1/2" = 1'-0"
TRANSVERSE SECTION W/ BUILDING FRAMING/CONNECTION



4 1/2" = 1'-0"
Typ Door Framing (WD)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 119201
ACS 4L FL5 DS SS
DATE JUN 10 2020

PROFESSIONAL STAMP
REGISTERED PROFESSIONAL ARCHITECT
D. P. TAVARES
No. 53380
STRUCTURAL
STATE OF CALIFORNIA
4.9.2020

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CLIENT
CLASS LEASING LLC

1221 Harley Knox Boulevard
Perris, CA 92571
R&S TAVARES ASSOCIATES
DESIGN & CONSULTING PROJECT
11777 BERNARD PLAZA COURT, SUITE 105
SAN DIEGO, CA 92128
WWW.RSTAVARES.COM

ORIGINAL PC STATE AGENCY APPROVAL

PROJECT TITLE
AWNING DESIGN

PROJECT SPECIFIC
STATE AGENCY APPROVAL

Revision Schedule		
#	Description	Date

SHEET TITLE
AWNING FRAMING AND CONNECTION DETAILS

PROJECT NUMBER
20043

DRAWN BY
rMc

CHECKED BY
BR

DATE
04/09/2020

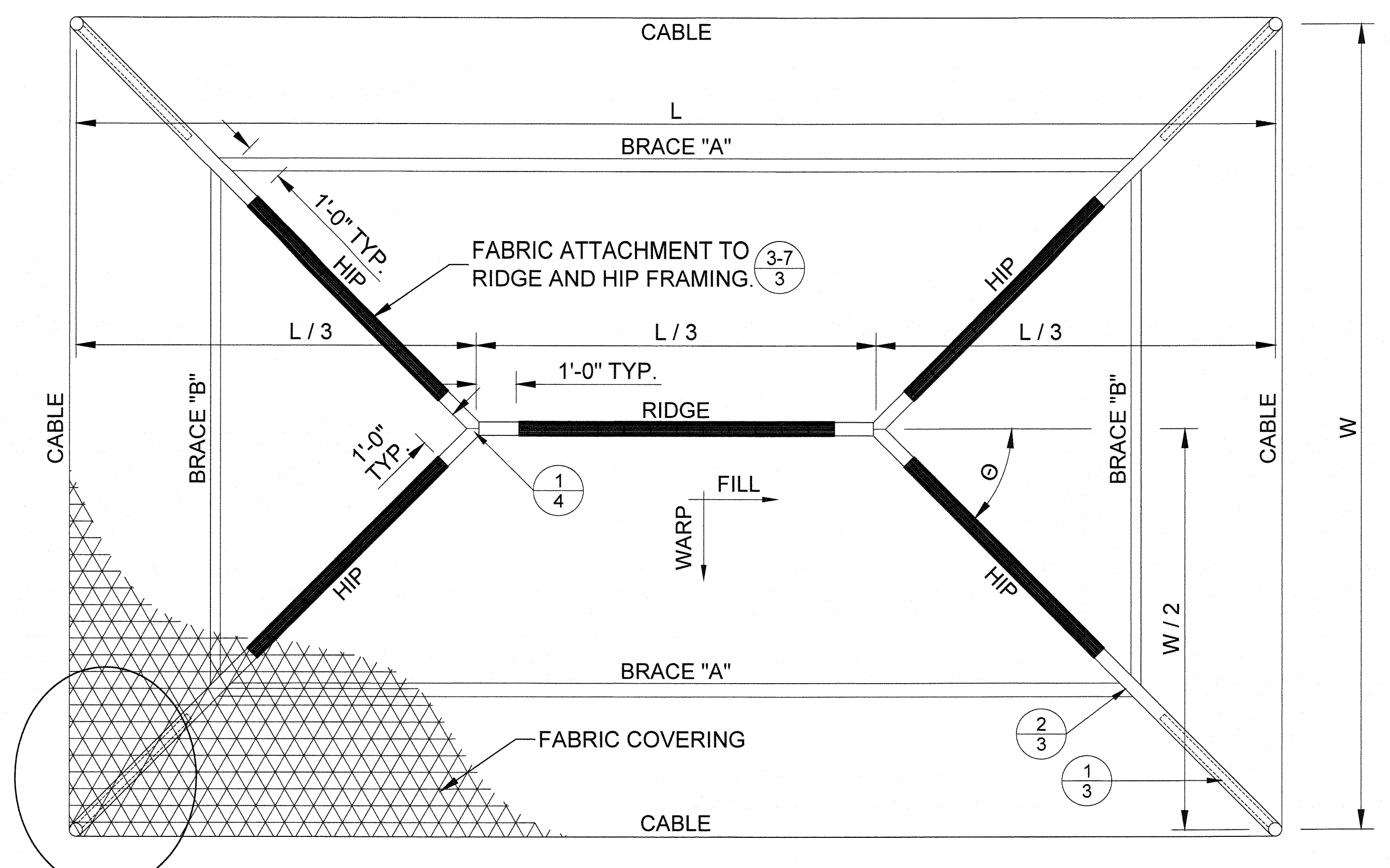
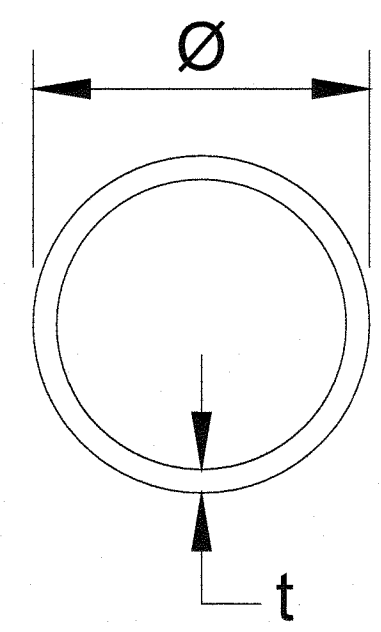
SHEET NO.
ALT-05

SHEET OF SHEETS

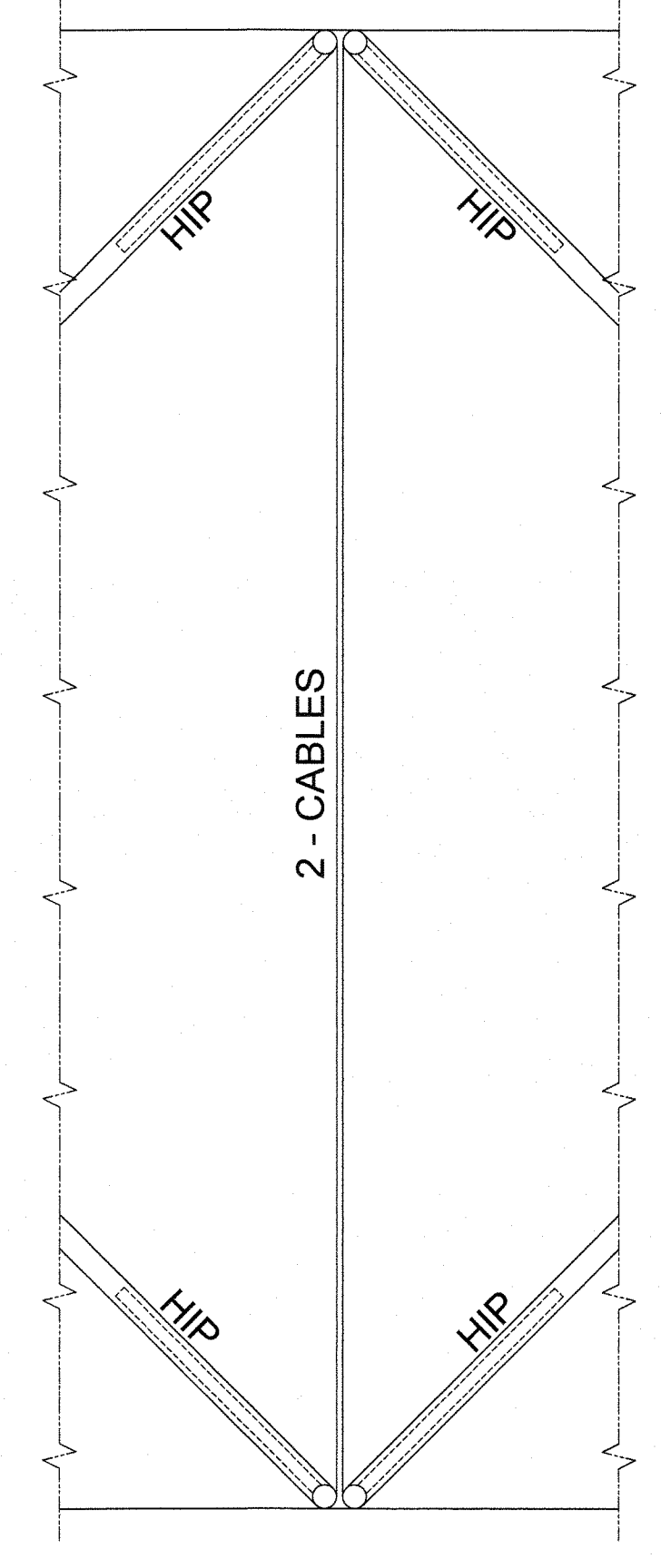
Canopy Base Shear Reactions			
Size	Max Base Shear (lbs)	Risa Load Case	Load Combination
20x15	210	11	DL + .7EQx1.25
20x20	262	11	DL + .7EQx1.25
30x20	350	11	DL + .7EQx1.25
30x25	499	9	.6DL + WB
30x30	650	11	DL + .7EQx1.25
40x20	551	9	.6DL + WB
40x30	751	9	.6DL + WB

NOTE: BASE SHEAR REACTIONS ARE DOUBLED AT INTERIOR COLUMN LOCATIONS

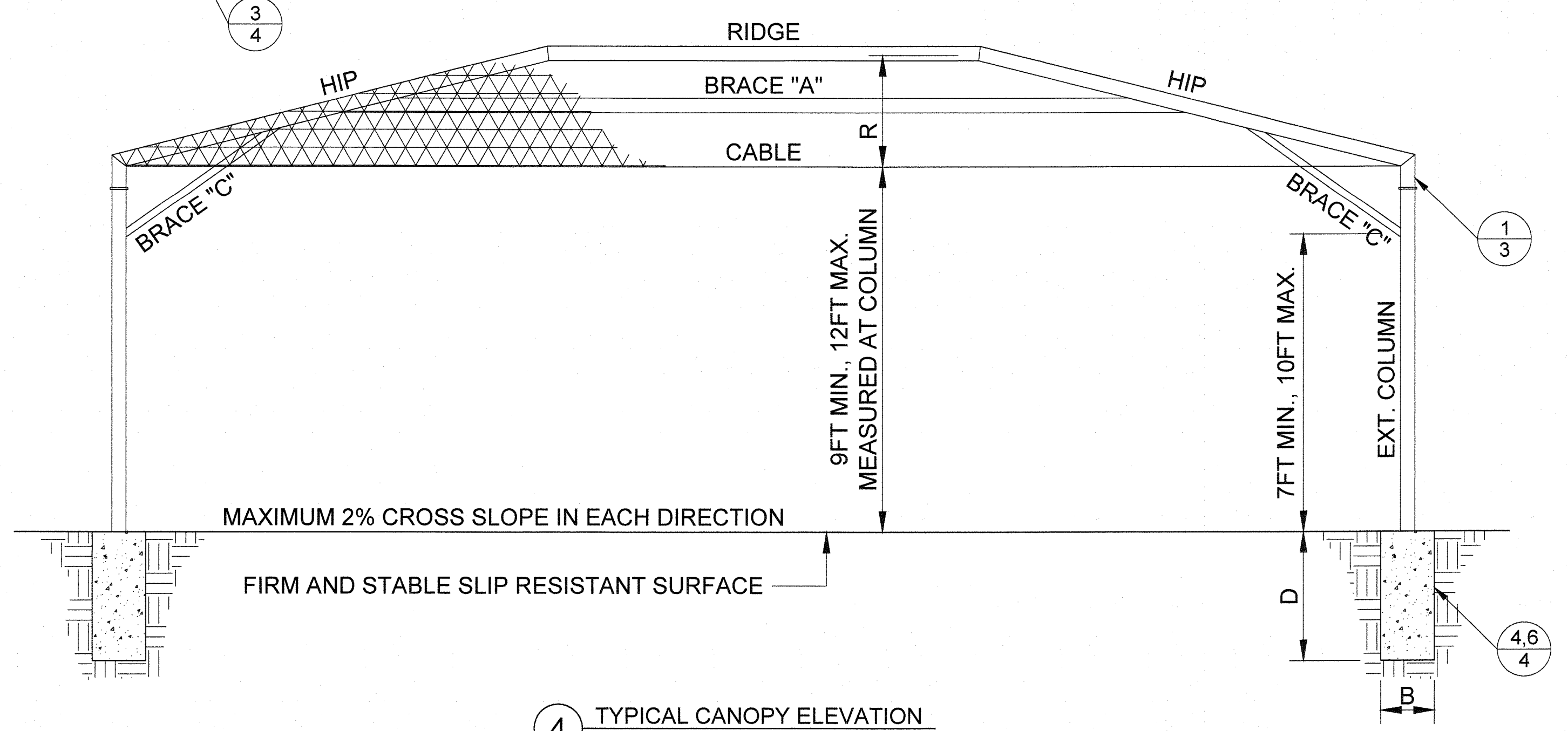
STRUCTURAL TUBING PROPERTIES						
SIZE	Ø	t des.	A	I	S	GAGE REFERENCE
1 3/4"Øx.109	1.75"	.101"	.523in2	.179in4	.204in3	12GA
2"Øx.095	2"	.088"	.529in2	.242in4	.242in3	13GA
2 1/4"Øx.120	2.25"	.112"	.752in2	.431in4	.383in3	11GA
2 7/8"Øx.109	2.875"	.101"	.880in2	.848in4	.590in3	12GA
2 7/8"Øx.120	2.875"	.112"	.972in2	.929in4	.646in3	11GA
3"Øx.120	3"	.112"	1.016in2	1.061in4	.707in3	11GA
3 1/2"Øx.120	3.5"	.112"	1.192in2	1.712in4	.978in3	11GA
4"Øx.120	4"	.112"	1.368in2	2.587in4	1.294in3	11GA
4 1/2"Øx.120	4.5"	.112"	1.544in2	3.718in4	1.653in3	11GA
4 1/2"Øx.180	4.5"	.167"	2.273in2	5.343in4	2.375in3	7GA
5"Øx.120	5"	.112"	1.720in2	5.139in4	2.056in3	11GA
5"Øx.180	5"	.167"	2.536in2	7.412in4	2.965in3	7GA



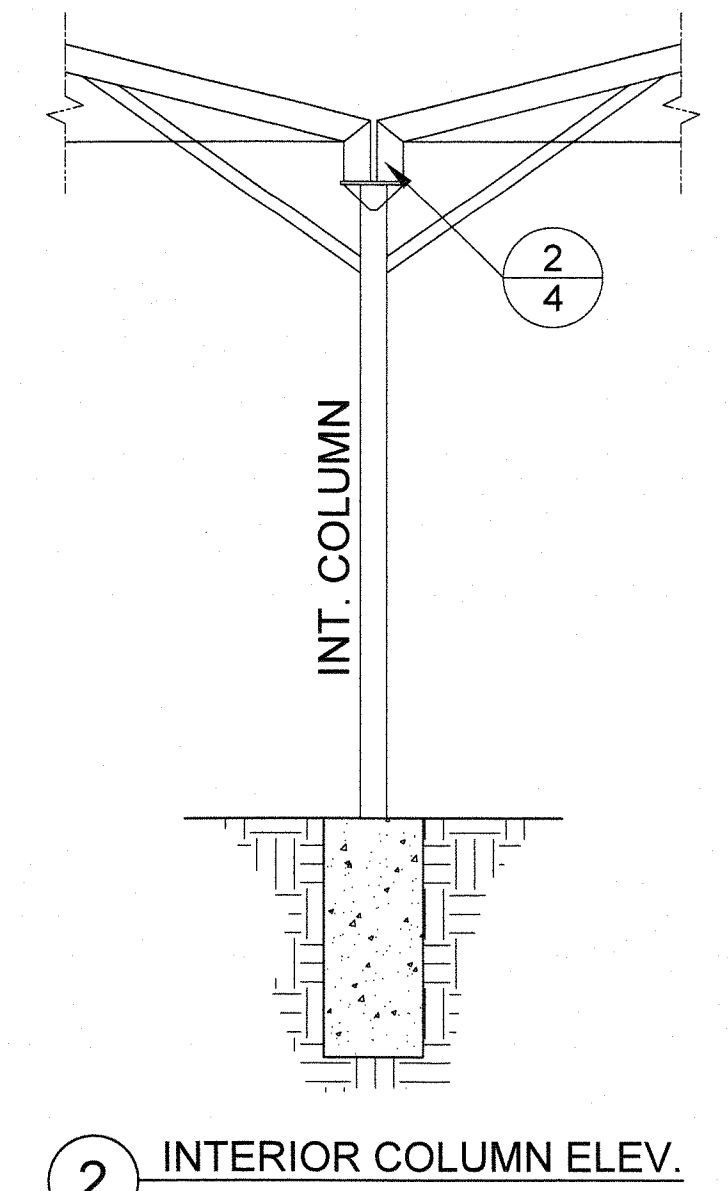
3 TYPICAL CANOPY PLAN VIEW
SCALE: NONE



1 INTERIOR COLUMN PLAN
SCALE: NONE



4 TYPICAL CANOPY ELEVATION
SCALE: NONE



2 INTERIOR COLUMN ELEV.
SCALE: NONE

CANOPY OPTIONS																				
✓	L	W	R	Ø	Ext. Col.	D "n"	D "c"	B	Int. Col.	D "n"	D "c"	B	HIP	RIDGE	BRACE A	BRACE B	CABLE	BOLT A	BOLT B	BOLT C
□	20'	10'	1.77'	36.9°	3" Std.	3.6'	2.5'	1.5'	3" Std.	4.7'	3.2'	1.5'	2 7/8"Øx.109	2 7/8"Øx.109	2 7/8"Øx.109	2"Øx.095	1/4"Ø	1/2"Ø	3/8"Ø	1/2"Ø
□	20'	15'	2.13'	48.4°	3" Std.	3.6'	2.5'	1.5'	3" Std.	4.7'	3.2'	1.5'	2 7/8"Øx.109	2 7/8"Øx.109	2 7/8"Øx.109	2"Øx.095	1/4"Ø	1/2"Ø	3/8"Ø	1/2"Ø
□	20'	20'	2.55'	56.3°	3" Std.	4.1'	2.8'	1.5'	3" Std.	5.4'	3.6'	1.5'	3 1/2"Øx.120	3 1/2"Øx.120	2 7/8"Øx.109	2 7/8"Øx.109	1/4"Ø	1/2"Ø	3/8"Ø	1/2"Ø
□	25'	25'	3.19'	56.3°	4" Std.	4.3'	2.9'	2'	4" Std.	5.6'	3.7'	2'	4 1/2"Øx.120	4 1/2"Øx.120	4 1/2"Øx.120	3 1/2"Øx.120	5/16"Ø	3/4"Ø	(2) 3/8"Ø	5/8"Ø
□	30'	20'	3.01'	45.0°	3 1/2" Std.	4.2'	2.9'	2'	3 1/2" Std.	5.6'	3.7'	2'	4"Øx.120	4"Øx.120	4"Øx.120	2 7/8"Øx.120	5/16"Ø	5/8"Ø	3/8"Ø	5/8"Ø
□	30'	25'	3.40'	51.3°	4" Std.	4.3'	2.9'	2'	4" Std.	5.6'	3.7'	2'	4 1/2"Øx.120	4 1/2"Øx.120	4 1/2"Øx.120	3 1/2"Øx.120	3/8"Ø	3/4"Ø	(2) 3/8"Ø	5/8"Ø
□	36'	18'	3.19'	36.9°	4" Std.	4.4'	3.1'	2'	4" Std.	5.8'	3.9'	2'	4 1/2"Øx.120	4 1/2"Øx.120	4 1/2"Øx.120	2 7/8"Øx.120	5/16"Ø	5/8"Ø	3/8"Ø	5/8"Ø
□	40'	20'	3.54'	36.9°	4" Std.	4.9'	3.4'	2'	4" Std.	5.9'	4'	2.5'	4 1/2"Øx.180	4 1/2"Øx.120	4 1/2"Øx.180	2 7/8"Øx.120	3/8"Ø	3/4"Ø	(2) 3/8"Ø	3/4"Ø
□	30'	30'	3.83'	56.3°	5" Std.	5.4'	3.7'	2'	5" Std.	6.5'	4.3'	2.5'	5"Øx.180	5"Øx.120	4 1/2"Øx.120	3 1/2"Øx.120	3/8"Ø	3/4"Ø	(2) 3/8"Ø	3/4"Ø
□	40'	30'	4.27'	48.4°	5" Std.	5.8'	3.9'	2'	5" Std.	7'	4.6'	2.5'	5"Øx.180	5"Øx.120	5"Øx.180	4"Øx.120	3/8"Ø	3/4"Ø	(2) 3/8"Ø	3/4"Ø

TABLE NOTES:
n = NONCONSTRAINED CONDITION
(SEE DETAIL 4B ON SHEET 4)
c = CONSTRAINED CONDITION
(SEE DETAIL 4A ON SHEET 4)
DIMENSIONS "L" OR "W" MAY BE REPEATED IN ONE DIRECTION ONLY.

← CABLE FOR 40'X30 CANOPY MUST BE GALVANIZED TYPE NOT STAINLESS

PC IDENTIFICATION STAMP

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 119201
ACS / FLS / SS /
DATE JUN 10 2019

EDDINGTON ENGINEERING
6001 Helva Lane
Carmichael, CA 95608
Phone: (916) 359-5300
www.eddingtonengineering.com



MANUFACTURER:
CUSTOM CANOPIES, INC.
19 Valeroso
Rancho Santa Margarita, CA 92688
(952) 464-4768 Fax: (952) 464-4770

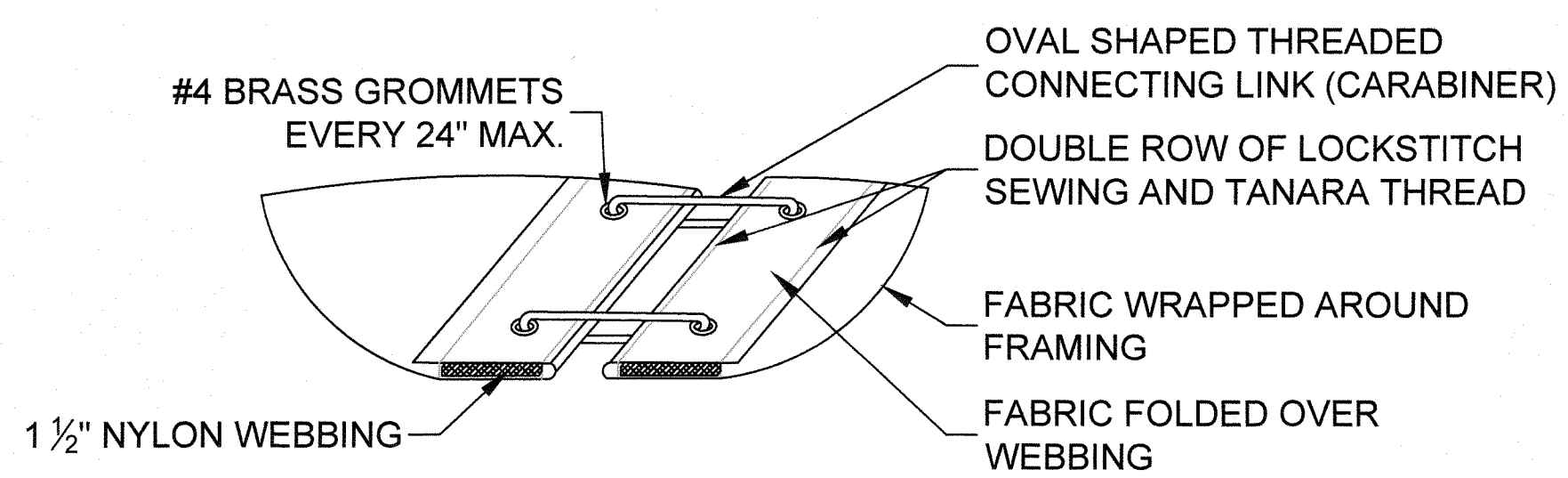
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
PRE-CHECK (PC) DOCUMENT
CODE: 2016 CBC
A separate project application for construction is required

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-117970 INC.
REVIEWED FOR
SS [] FLS [] ACS []
DATE: 04.09.19

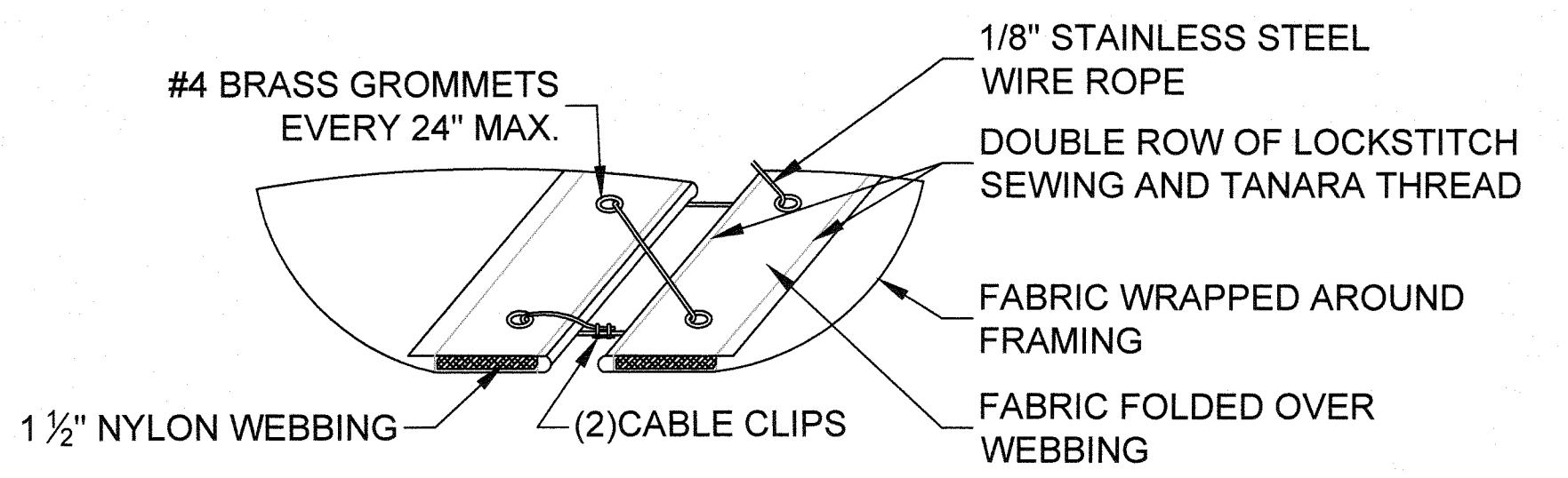
FABRIC CANOPIES DSA PC
CANOPY PLANS & TABLES

ISSUE INFORMATION	
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DRAWN BY: ISAAC EDDINGTON	DRAWING # 2 OF 4
DATE: 4/9/19	

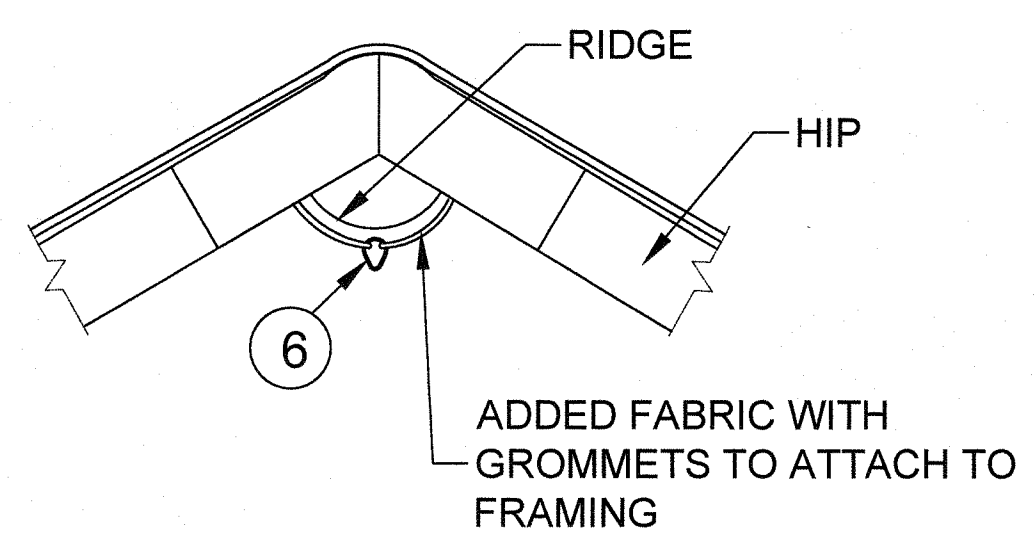
File Location: G:\Team Drive\Eddington_Engineering\CANOPIES\CUSTOM CANOPIES INC\2017 PC Submittal\Custom Canopy Submittal\Custom Canopies 2016 CBC (1) Plot Date: 4/9/2019 Last Saved: 4/9/2019 Last Saved By: Isaac Eddington



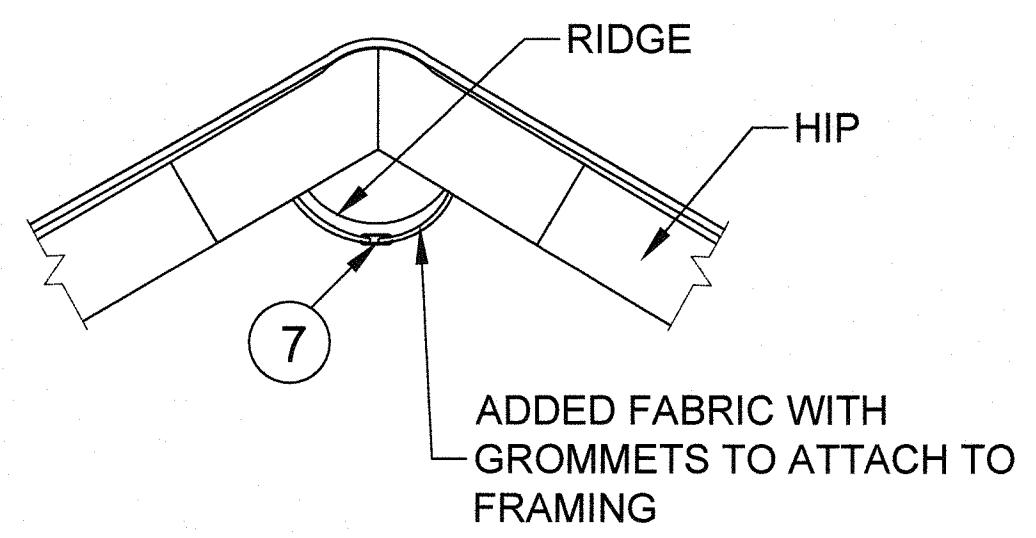
6 OPTION 1 FABRIC ATTACHMENT
SCALE: NONE



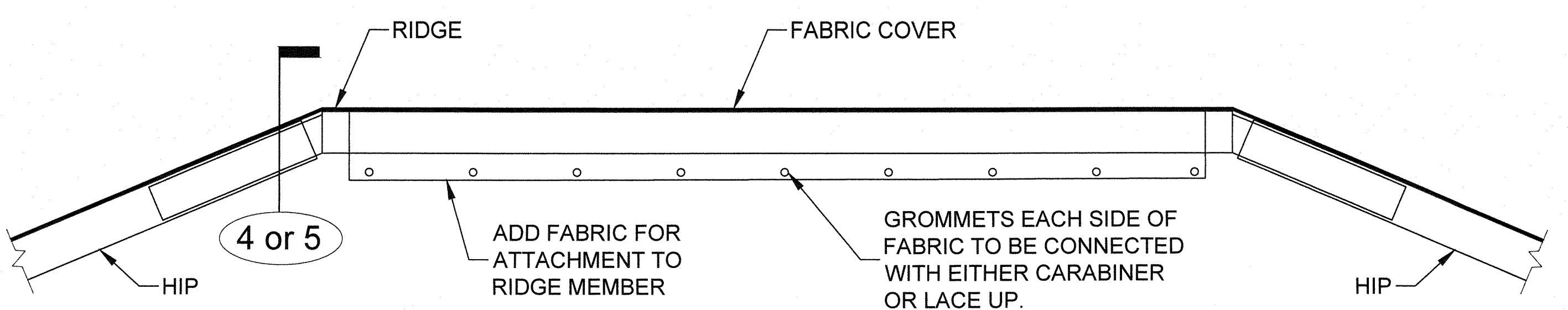
7 OPTION 2 FABRIC ATTACHMENT
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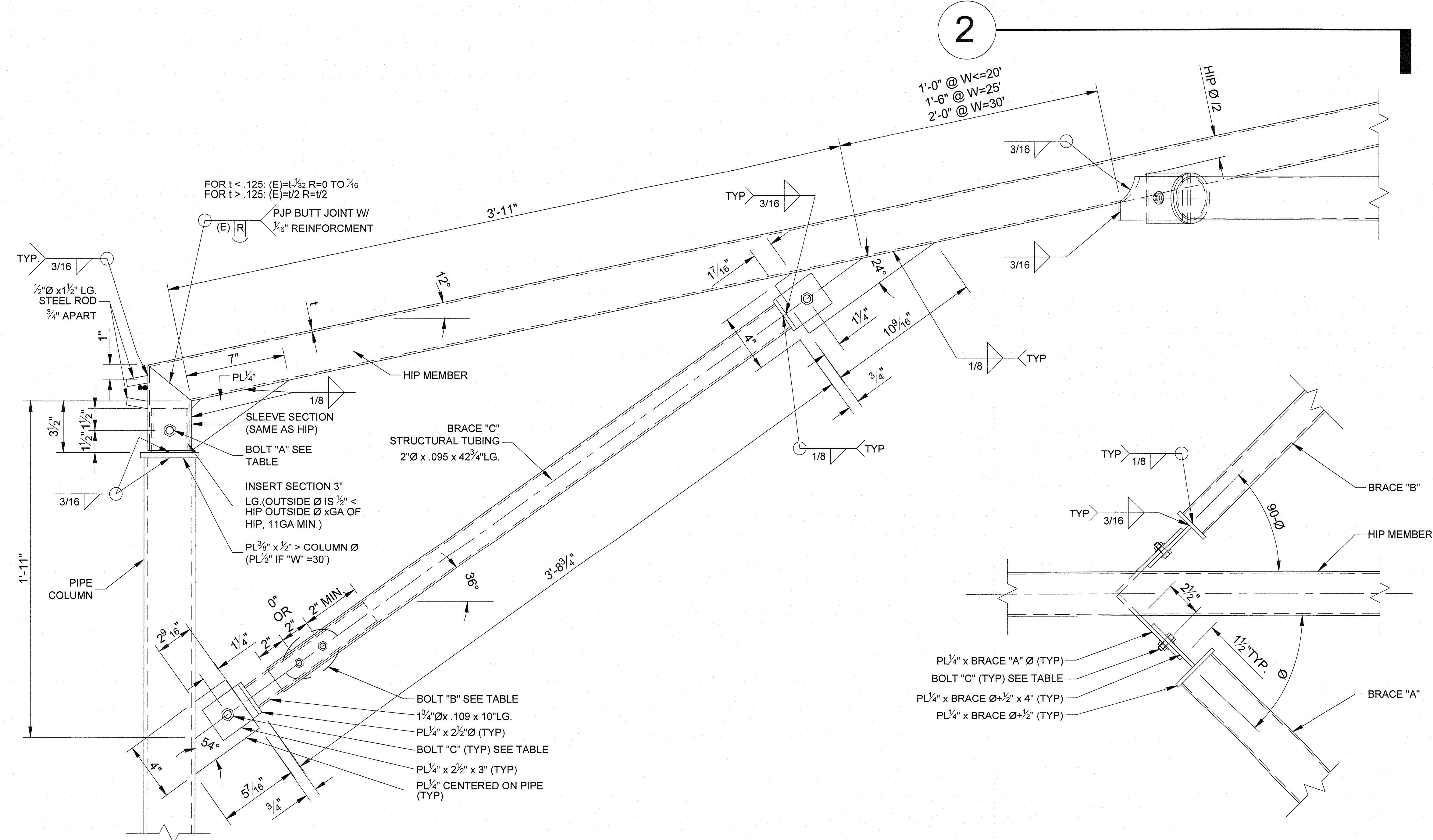
4 OPTION 1 FABRIC ATTACHMENT
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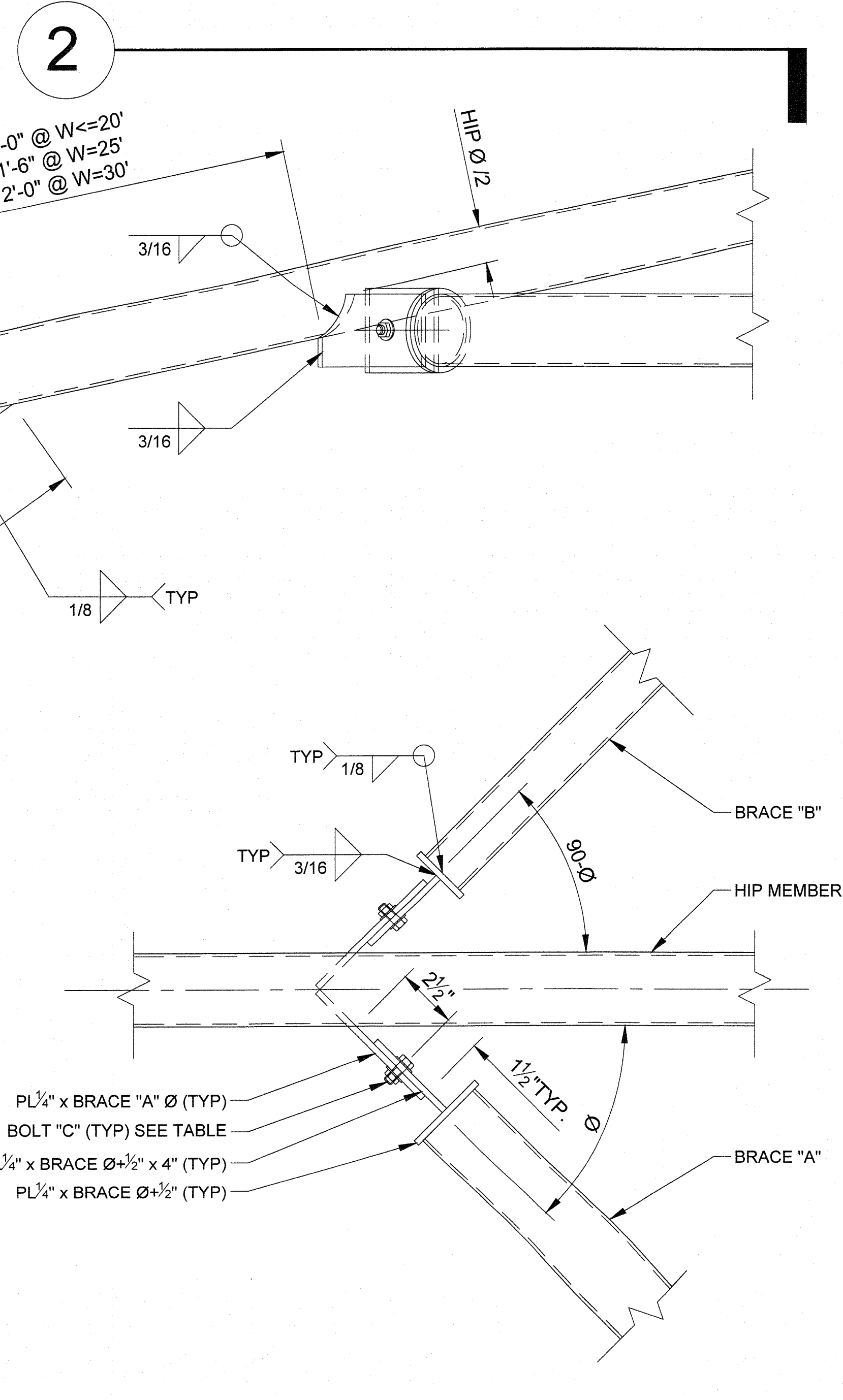
5 OPTION 2 FABRIC ATTACHMENT
SCALE: NONE



3 SECTION TO SHOW FABRIC ATTACHMENT TO FRAMING
SCALE: NONE



1 TYPICAL EXT. COL. - HIP CONNECTION
SCALE: 3\"/>



2 HORIZONTAL BRACE CONNECTION
SCALE: 3\"/>

PC IDENTIFICATION STAMP

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 119 201
ACS FLS SS
DATE JUN 10 2019

EDDINGTON ENGINEERING
6001 Helva Lane
Carmichael, CA 95608
Phone: (916)359-5300
www.eddingtonengineering.com



MANUFACTURER:

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Rancho Santa Margarita, CA 92688
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APP. 04-117970 INC.
REVIEWED FOR
SS FLS ACS
DATE: 04.09.19

FABRIC CANOPIES DSA PC
TYPICAL CANOPY BRACING
DETAILS

ISSUE INFORMATION

FILE NAME: Custom Canopies 2016 CBC (1)	JOB # #####
DRAWN BY: ISAAC EDDINGTON	DRAWING # 3 OF 4
DATE: 4/9/19	

File Location: G:\Team Drives\eddington Engineering\CANOPIES\CUSTOM CANOPIES NCD0017 PC Submittal\Custom Canopy Submittal\Custom Canopies 2016 CBC (1) Plot Date: 4/9/2019 Last Saved: 4/9/2019 Last Saved By: Isaac Eddington

Page 3 of 3

DSA-103 List of Required Structural Tests & Special Inspections - 2016 CBC

Application No.: _____ Date Submitted: _____

Exempt Work Exempt from DSA Requirements for Special Inspection or Structural Testing

Exempt items given in IR-A-22 or the 2016 CBC (including DSA amendments) and those items identified below with an "X" by the design professional are NOT subject to DSA requirements for the structural tests and special inspections noted. The project inspector shall verify all construction complies with the approved construction documents.

Soils:

1. Deep foundations acting as a cantilever footing designed based on minimum allowable pressure per 2016 CBC Table 1806A.2 and having no geotechnical report for the following types of structures: free-standing sign, monitoring message sign, scoreboard, covered walkway or shade structure with dead load less than 1 psf and other light-weight structures of which the span is less than 6' above the highest adjacent grade.

2. Shallow foundations meeting the exemption item #1 criteria specified in 2016 CBC Section 1803A.2.

Welding:

1. Steel and open-mesh grates with minimum lead span or rafter spacing of 10' and open height less than 8'-0" above lowest adjacent grade. When located above circulation or occupied spaces below, these grates are not located within 1.5x clear height (max 4'-0") to the edge of floor or roof.

2. Handrails, guardrails, and metal or non-metallic ramps associated with walking surfaces less than 30" above adjacent grade excluding post base connections per the "Exempt" language in Section 1705A.2.1. (File welds cannot be ground flush).

3. Non-structural interior cold-formed steel framing spanning less than 10'-0" such as interior partitions, interior soffits, etc. supporting only self weight and light-weight finishes or adhered tile, masonry stone, or veneer covers no more than 50#/sq. ft. and open less than 20'-0" in height and not over an exit way. Aluminum slotted back to a member shall not exceed the equivalent of that occurring from a 10'-0" opening in a 15' tall wall for a header or king stud.

4. Manufactured support frames and curbs using hot rolled or cold-formed steel (i.e., light gages) for mechanical, electrical, or plumbing equipment weighing less than 2000# (equipment only) (connections of such frames to superstructure elements using welding will require special inspection as noted in selected items) or 19.1 and/or 19.2 of listing above).

5. Manufacturer components (e.g., Ties, B-Line, Alcon, etc.) for mechanical, electrical, or plumbing hanger support and bracing (connections of such components to superstructure elements using welding will require special inspection as noted in selected items) or 19.1 and/or 19.2 of listing above).

6. Manufacturer components (e.g., Ties, B-Line, Alcon, etc.) for mechanical, electrical, or plumbing hanger support and bracing (connections of such components to superstructure elements using welding will require special inspection as noted in selected items) or 19.1 and/or 19.2 of listing above).

7. Any support for exempt non-structural components given in ASCE 110, Section 13.1.4 (and modified by CBC Section 1616A.1, 16) meeting the following: 1) when supported on a footing, 400# and resulting composite center of mass (including component's center of mass) or 4' above supporting formwork, 2) when hung from a wall or rooftop, 3) 20# for decks units or 45 psf for finished systems).

8. Epoxy shear dowels in site/fabrication.

(Optional) List details for applicable exempt items.

Concrete/Masonry:

1. Pre-cast-in-place concrete for the following: 1) exempt non-structural components (e.g., mechanical, electrical, plumbing equipment) given in ASCE 110, Section 13.1.4 (and modified by CBC Section 1616A.1, 16) or 2) minor structural wall partitions meeting criteria listed in exempt item 3 for "Welding".

2. Concrete shall not be required for items given in CBC Section 1705A.3.2 subject to the requirements and limitations in that section. Exempt masonry walls shall be less than 4'-0" above the top of foundation and supporting a surcharge and free standing non-bearing non-shear walls up to 6'-0" above adjacent grade.

3. Masonry retaining walls less than 4'-0" above the top of foundation not supporting a surcharge and free standing non-bearing non-shear masonry walls up to 6'-0" above adjacent grade do not require mortar or masonry core testing or DSA special inspection.

4. Epoxy shear dowels in site/fabrication.

(Optional) List details for applicable exempt items.

DSA-103 (Issued 12-30-16) * In the CODE REFERENCE AND NOTES column indicates DSA-SS/CC sections that may be used by community colleges, per 2016 CBC Sec. 1.9.2.2.

kulkoni MALLEABLE WIRE ROPE CLIPS

ZINC PLATED, MALLEABLE

Size in Inches	Min. Clips Required	Wire Rope Turn Back in Inches	Torque in Foot Pounds*	Approx. Wt. in Pounds	Dimensions in Inches						
					A	B	C	D	E	F	G
1/16**	3	4	2.0	0.030	0.15	0.65	0.45	0.38	0.38	0.45	0.69
1/8**	3	4.3/4	3.0	0.040	0.18	0.81	0.50	0.50	0.50	0.56	0.94
3/16	3	5.1/2	4.5	0.063	0.25	0.94	0.56	0.56	0.56	0.63	1.06
1/4	3	7	15.0	0.130	0.31	1.19	0.75	0.75	0.69	0.75	1.31
5/16	3	7.3/4	15.0	0.150	0.31	1.31	0.84	0.75	0.75	0.75	1.44
3/8	3	9.1/2	30.0	0.210	0.38	1.63	1.00	0.88	0.84	0.88	1.63
7/16	4	10.1/4	40.0	0.370	0.38	2.00	1.19	1.06	1.00	1.06	1.88
1/2	4	15.1/4	45.0	0.370	0.44	2.00	1.19	1.06	1.00	1.06	1.88
9/16	4	16	50.0	0.590	0.50	2.31	1.38	1.25	1.25	1.28	2.09
5/8	4	16	75.0	0.590	0.50	2.31	1.38	1.25	1.25	1.28	2.09
3/4	5	22.1/4	75.0	0.840	0.56	2.56	1.56	1.31	1.44	1.56	2.38
7/8	5	23.1/2	130.0	1.250	0.63	3.06	1.81	1.63	1.75	1.81	2.88
1	6	31	130.0	1.660	0.63	3.44	2.00	1.88	2.06	2.00	3.00
1.1/8	7	39	200.0	2.430	0.75	4.00	2.75	2.00	2.19	2.06	3.38

Meets the performance requirements of Federal Specification FF-C-450, current revision, Type 1, Class 2.**

* Based on clean, un lubricated threads. The table above shows the minimum torque required to reach maximum holding power of wire rope clips.

** NOTE: 1/16" and 1/8" are not covered by Federal Specification FF-C-450, current revision.

NOTE: THE EXAMPLE FORM DSA-103(S) SHOWN ON THIS SHEET ARE FOR ILLUSTRATION PURPOSES ONLY. A FORM DSA-103 IS TO BE COMPLETED FOR EACH APPLICATION THAT THIS PC IS BEING INCORPORATED INTO AND ALL EXAMPLE FORM DSA-103(S) ARE TO BE CROSSED OUT ON THIS DRAWING.

Page 1 of 3

DSA-103 List of Required Structural Tests & Special Inspections - 2016 CBC

Application No.: _____ Date Submitted: _____

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 in 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 framing, high-load wood diaphragms, cold-formed steel framing, anchorage of non-structural components, etc. per Title 24, Part 2, Chapter 17A.

NOTE: This form is also available for projects submitted for review under the 2007, 2010, and 2013 CBC.

Note: References are to the 2016 edition of the California Building Code (CBC) unless otherwise noted.

TEST OR SPECIAL INSPECTION	TYPE	PERIODIC	CODE REFERENCE AND NOTES
- SOILS			
1. GENERAL:			Table 1705A.6
a. Verify that soil has been prepared properly prior to placement of controlled fill and/or excavations for foundations.	Periodic	GE*	By geotechnical engineer or his or her qualified representative. (See Appendix for exemptions.)
b. Foundation excavations are extended to proper depth and have reached proper material, and materials below footing are adequate to achieve the design bearing capacity.	Continuous	GE*	By geotechnical engineer or his or her qualified representative. (See Appendix for exemptions.)
2. COMPACTED FILLS:			Table 1705A.4
a. Verify use of proper materials, densities and inspect fill thickness, placement, and compaction during placement of fill.	Test	LOR*	Under the supervision of the geotechnical engineer.
b. Test compaction of fill.	Test	LOR*	Under the supervision of the geotechnical engineer.
4. CAST-IN-PLACE DEEP FOUNDATIONS (PIERS):			Table 1705A.8
a. Inspect during operations and maintain complete and accurate records for each pier.	Continuous	GE*	By geotechnical engineer or his or her qualified representative. (See Appendix for exemptions.)
b. Confirm pier locations, diameters, penetrations, bell diameters if applicable, lengths, and embedment into bedrock (if applicable). Record concrete or grout volumes.	Continuous	GE*	By geotechnical engineer or his or her qualified representative. (See Appendix for exemptions.)
c. Concrete cure.	Periodic	SI	Provide tests and inspections per CONCRETE section below.
- CONCRETE			Table 1705A.4, ACI 318-14 Sections 26.1.2 & 26.1.3
7. CAST IN PLACE CONCRETE			
a. Verify use of required design mix.	Periodic	SI	Table 1705A.3 Item 5, 1910A.1 (1909.2.3)*. To be performed by qualified batch-plant inspector and concrete sampling technician.
b. Identify, sample, and test reinforcing steel.	Test	LOR	1910A.2 (1909.2.4)*, ACI 318-14 Section 26.6.1.2, DSA IR 17-10
c. During concrete placement, furnish specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	Test	LOR	Table 1705A.3 Item 6, ACI 318-14 Sections 26.5 & 26.12
d. Test concrete (f'c).	Test	LOR	1905A.1.16 (1909.3.7)*, ACI 318-14 Section 26.12.
Inspection:			
e. Batch plant inspection	Continuous	SI	See Notes
f. Default of "Inspected" per 1705A.3.3. If approved by DSA, batch plant inspection may be reduced to "Periodic" subject to requirements in Section 1705A.3.3.1 or eliminated per 1705A.3.3.2. (See Appendix for exemptions.)			
+ MASONRY			Table 1705A.2, ACI 318-14 Sections 26.1.2 & 26.1.3
17. STRUCTURAL STEEL, COLD-FORMED STEEL, AND ALUMINUM USED FOR STRUCTURAL PURPOSES			
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 (2009.1.7), Table 1705A.2 Item 3a-3c, AISI S100-07/02-10 Section A2.1 & A2.2, AISI S200-12 Section A1, AISI S201-11 Section A4*. By special inspector or qualified technician when performed off-site.
b. Test undrilled materials.	Test	LOR	2203A.1 (2009.1.7).
c. Examine seven welds of HSS shapes.	Periodic	SI	DSA IR 17-3.
Inspection:			
d. Verify and document steel fabrication per DSA approved construction documents.	Periodic	SI	Not applicable to cold-formed steel light-frame construction, except for bracing (1705A.2.4).
e. 1705A.2.2, Table 1705A.2 Item 4 & 5; DSA IR 17-3; AWS D1.1 and AWS D1.3 for structural steel, AWS D1.4 for Aluminum, AWS D1.3 for cold-formed steel, AWS D1.4 for reinforcing steel. (See Appendix for exemptions.)			
19. WELDING:			
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.
b. Verify weld filler material manufacturer's certificate of compliance.	Periodic	SI	DSA IR 17-3.
Verification of Materials, Equipment, Welders, etc.:			
a. Verify WPS, welder qualifications and equipment.	Periodic	SI	DSA IR 17-3.
- 19.1 SHOP WELDING:			
a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds.	Continuous	SI	Table 1705A.2 Item 3a-14. Per ASCE 380-10 (and ASCE 341-10 as applicable), DSA IR 17-3.
b. Inspect single-pass fillet welds < 5/16" for roof and roof eave welds.	Periodic	SI	1705A.2.2, Table 1705A.2 Item 3a-5 & 3a-6. Per ASCE 380-10 (and ASCE 341-10 as applicable), DSA IR 17-3.
+ WOOD			
- OTHER			
28. FABRIC	Periodic	ICR	Verify fabric certification documentation.

DSA-103 (Issued 12-30-16) * In the CODE REFERENCE AND NOTES column indicates DSA-SS/CC sections that may be used by community colleges, per 2016 CBC Sec. 1.9.2.2.

Page 2 of 3

DSA-103 List of Required Structural Tests & Special Inspections - 2016 CBC

Application No.: _____ Date Submitted: _____

19.1 SHOP WELDING:

a. Inspect groove welds, multi-pass fillet welds, single pass fillet welds > 5/16", plug and slot welds.

b. Inspect single-pass fillet welds < 5/16" for roof and roof eave welds.

+ WOOD

- OTHER

28. FABRIC

List of required verified reports:

1 Soils testing and inspection: Geotechnical Verified Report - Form DSA-203

2 All Structural Testing: Laboratory Verified Report - Form DSA-201

3 Concrete Batch Plant Inspection: Laboratory Verified Report - Form DSA-291, or, for independently contracting SI, Special Inspection Verified Report - Form DSA-292

4 Shop Welding Inspection: Laboratory Verified Report - Form DSA-291, or, for independently contracting SI, Special Inspection Verified Report - Form DSA-292

KEY TO Columns

1 Type -

Continuous - Indicates that a continuous special inspection is required

Periodic - Indicates that a periodic special inspection is required

Test - Indicates that a test is required

2 Performed By -

GE - Indicates that the special inspection is to be performed by a registered geotechnical engineer or his or her authorized representative

LOR - Indicates that the test or inspection is to be performed by a testing laboratory accepted in the DSA Laboratory Evaluation and Acceptance (LEA) Program. See section 4-335, 2013 CCR Title 24, Part 1.

SI - Indicates that the special inspection is to be performed by a special inspector

ICR - Indicates that the special inspection is to be performed by a inspector of record

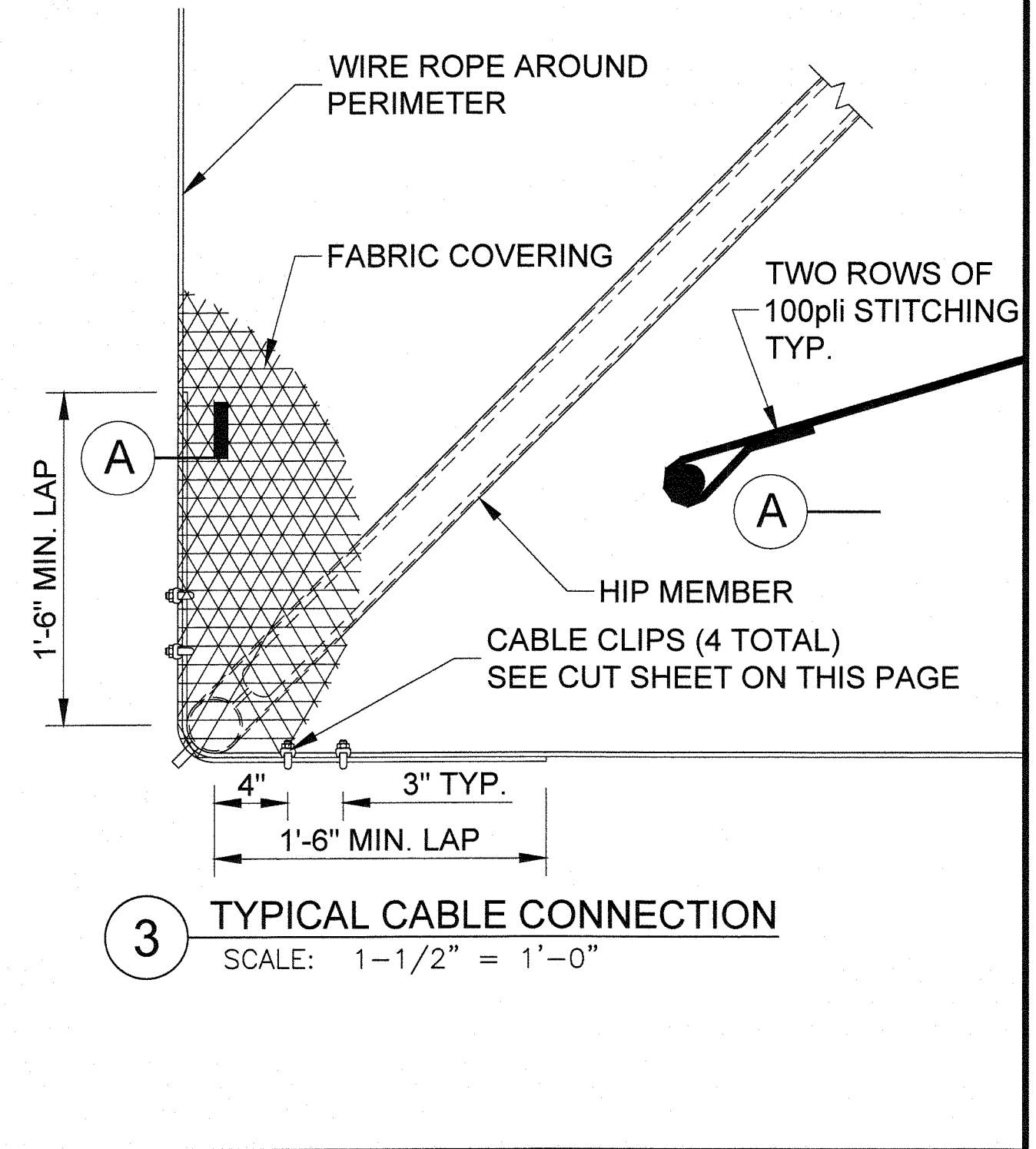
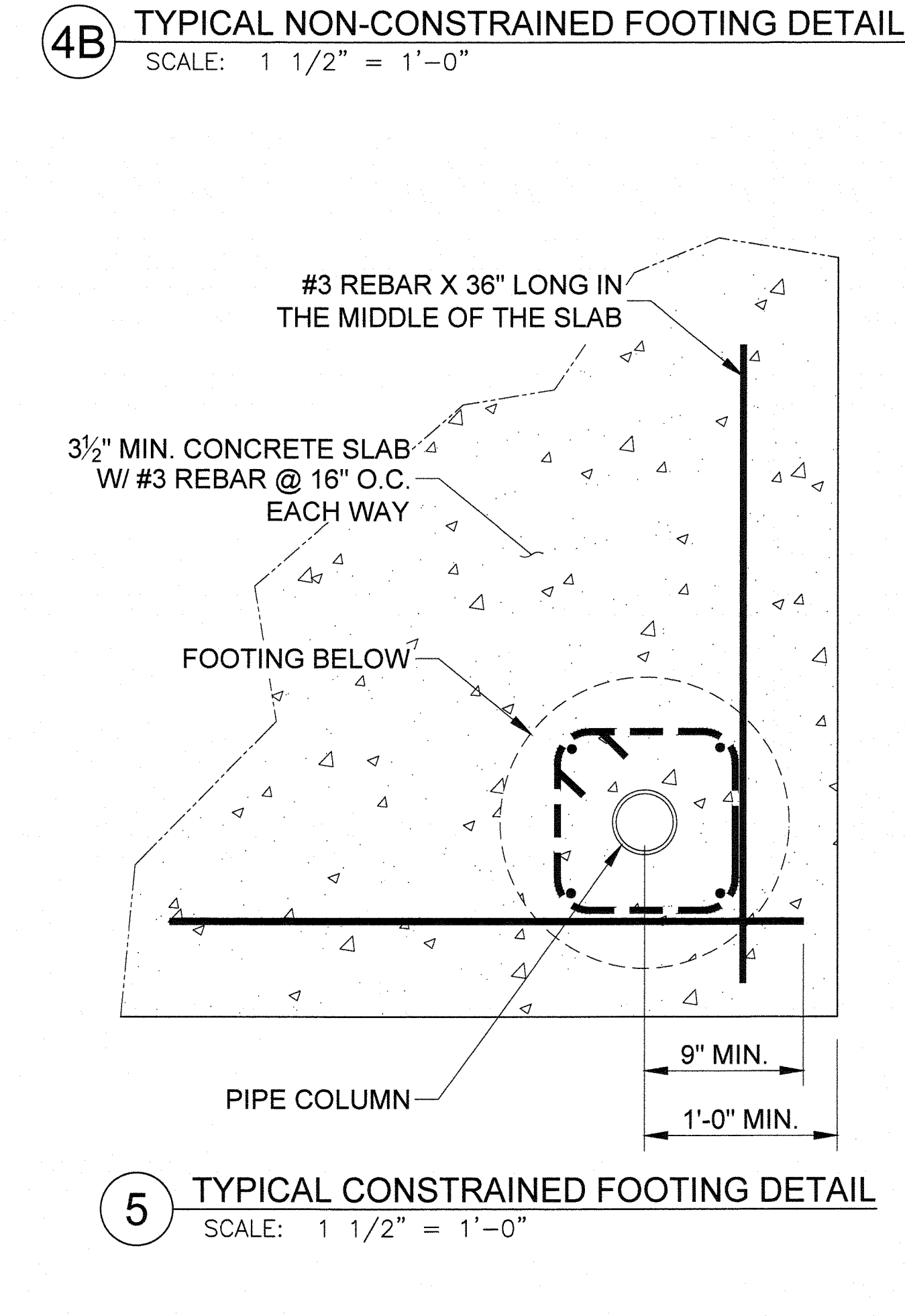
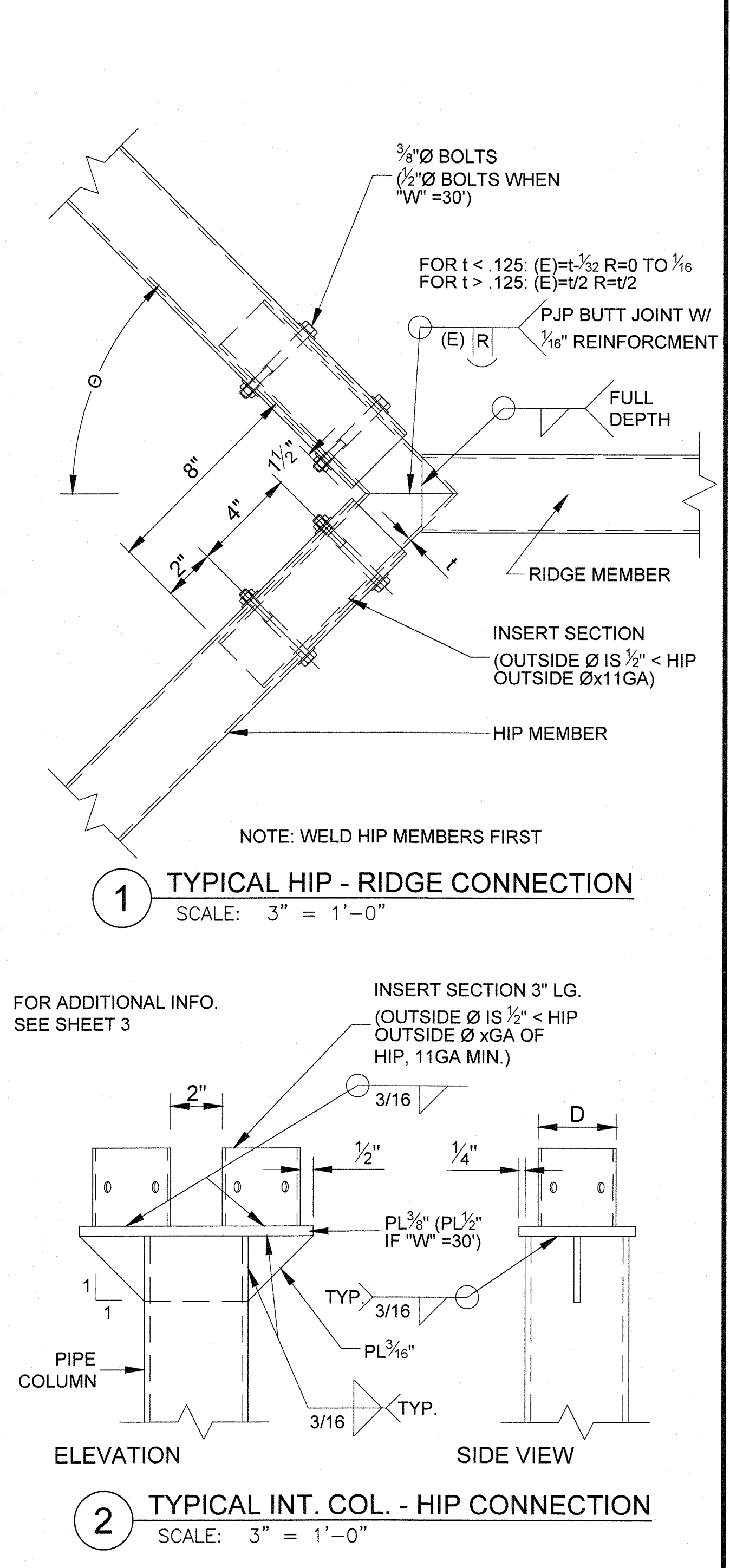
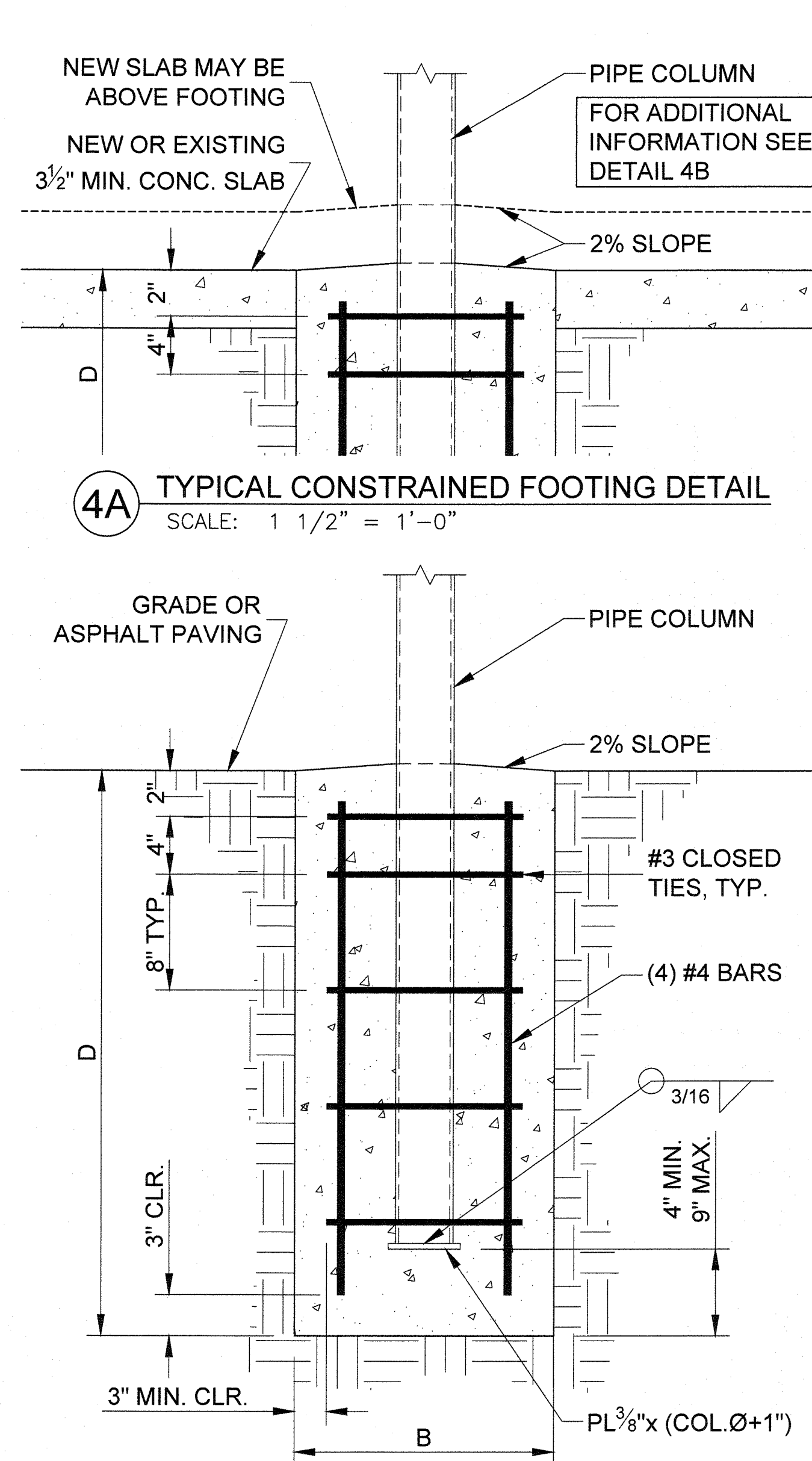
Name of Architect or Engineer in general responsible charge: _____

Name of Structural Engineer (Other structural design has been delegated): _____

Signature of Architect or Structural Engineer: _____ Date: _____

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. # _____
AC: N/A FLS: N/A SS: _____
DATE: _____

DSA-103 (Issued 12-30-16) * In the CODE REFERENCE AND NOTES column indicates DSA-SS/CC sections that may be used by community colleges, per 2016 CBC Sec. 1.9.2.2.



PC IDENTIFICATION STAMP

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 119201
ACS FLS SS
DATE JUN 18 2016

EDDINGTON ENGINEERING

6001 Helva Lane
Carmichael, CA 95608
Phone: (916) 359-5300
www.eddingtonengineering.com

REGISTERED PROFESSIONAL ENGINEER
NO. 453376
STATE OF CALIFORNIA

MANUFACTURER:

CUSTOM CANOPIES, INC.

19 Valeroso
Rancho Santa Margarita, CA 92688
(952) 454-4766 Fax: (952) 454-4770

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
PRE-CHECK (PC) DOCUMENT
CODE: 2016 CBC
A separate project application for construction is required

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APP. 04-119201 INC.
REVIEWED FOR
SS FLS ACS
DATE: 04.09.19

FABRIC CANOPIES DSA PC TYPICAL CANOPY DETAILS & T&I GUIDELINE

ISSUE INFORMATION	
FILE NAME: Custom Canopies 2016 CBC (1)	JOB # #####
DRAWN BY: ISAAC EDDINGTON	DRAWING # 4 OF 4
DATE: 4/9/19	