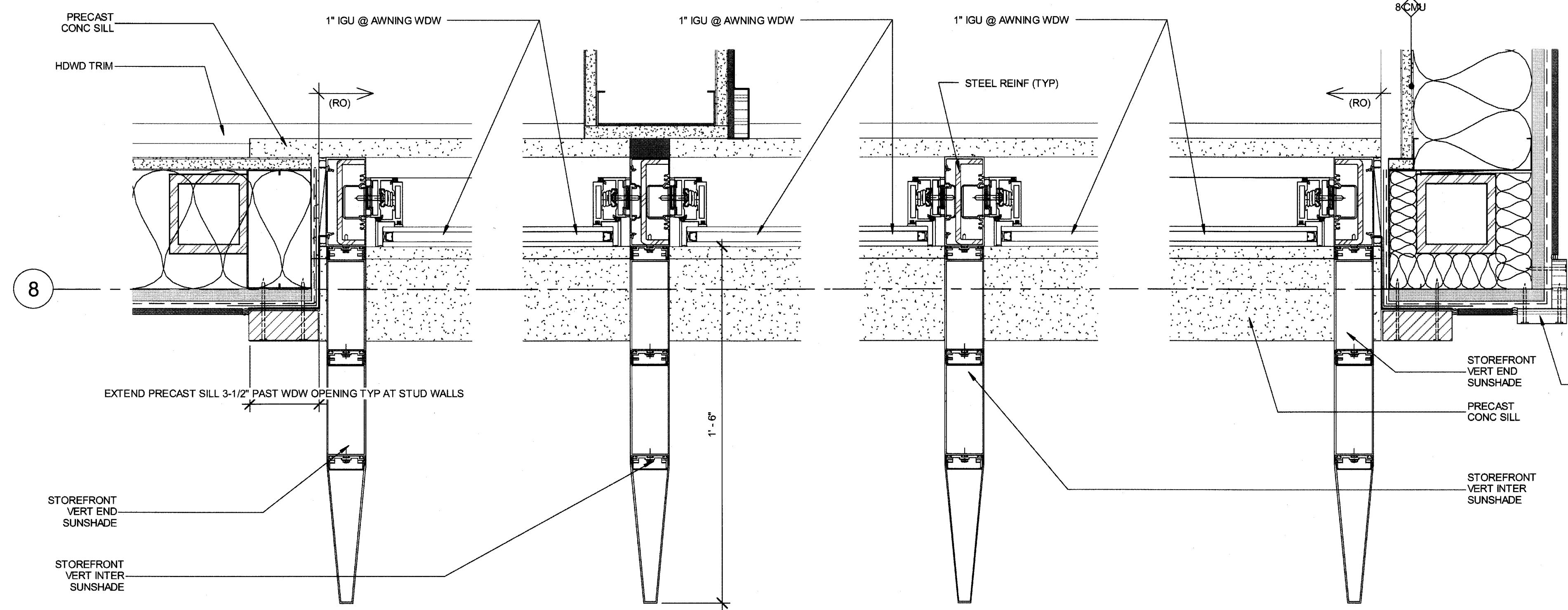
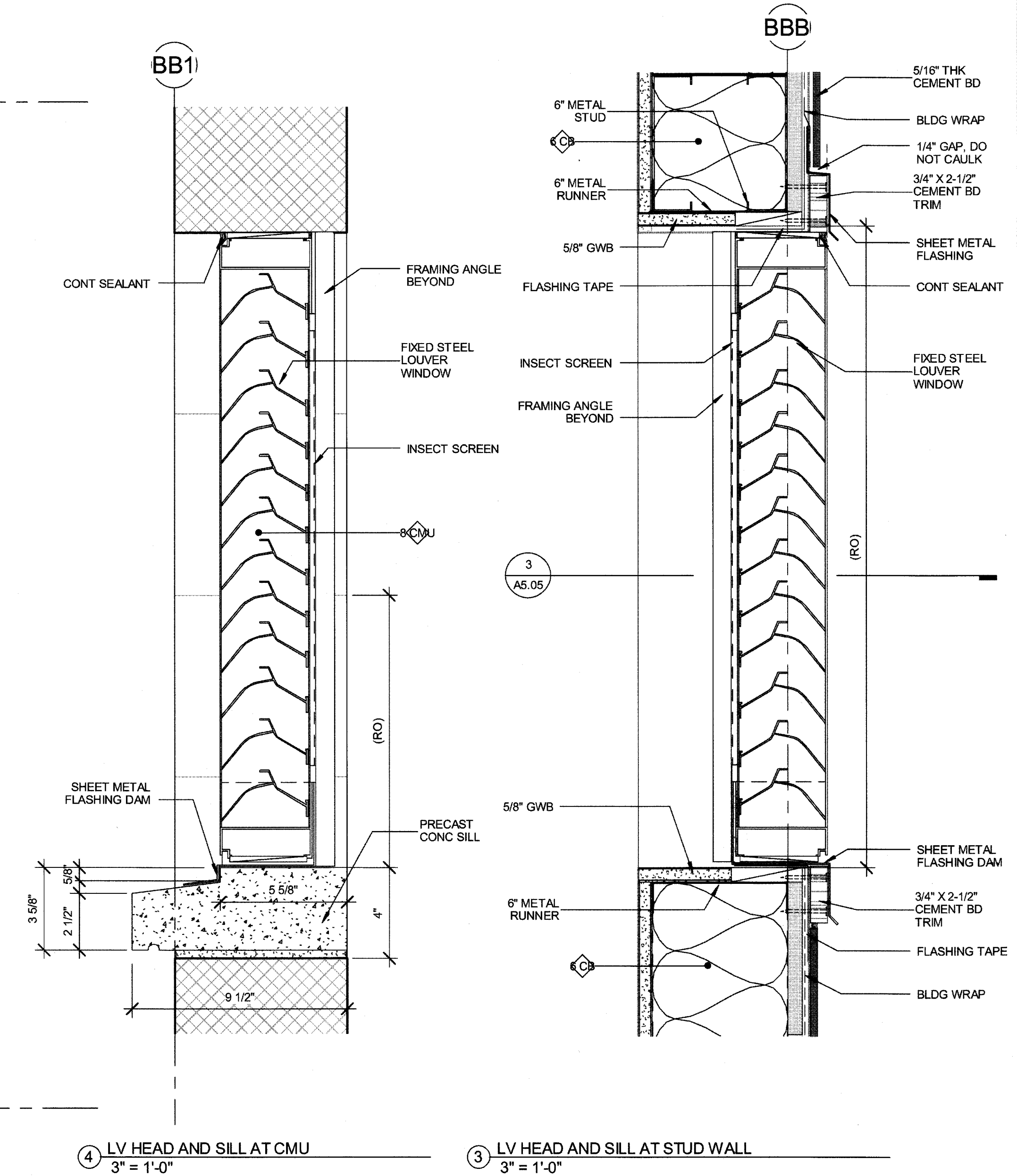


1 SF2 FIXED GLAZING JAMBS
3" = 1'-0"



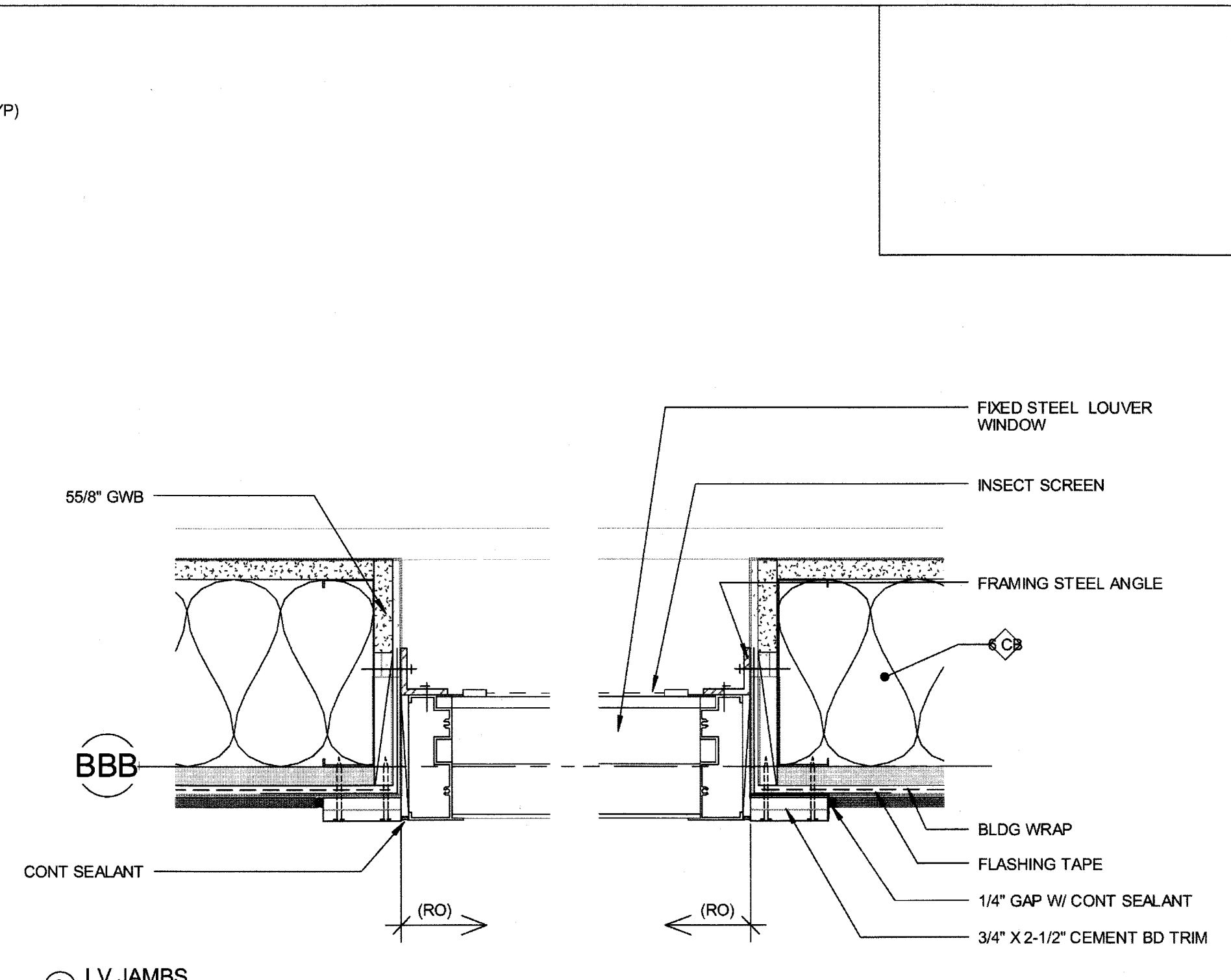
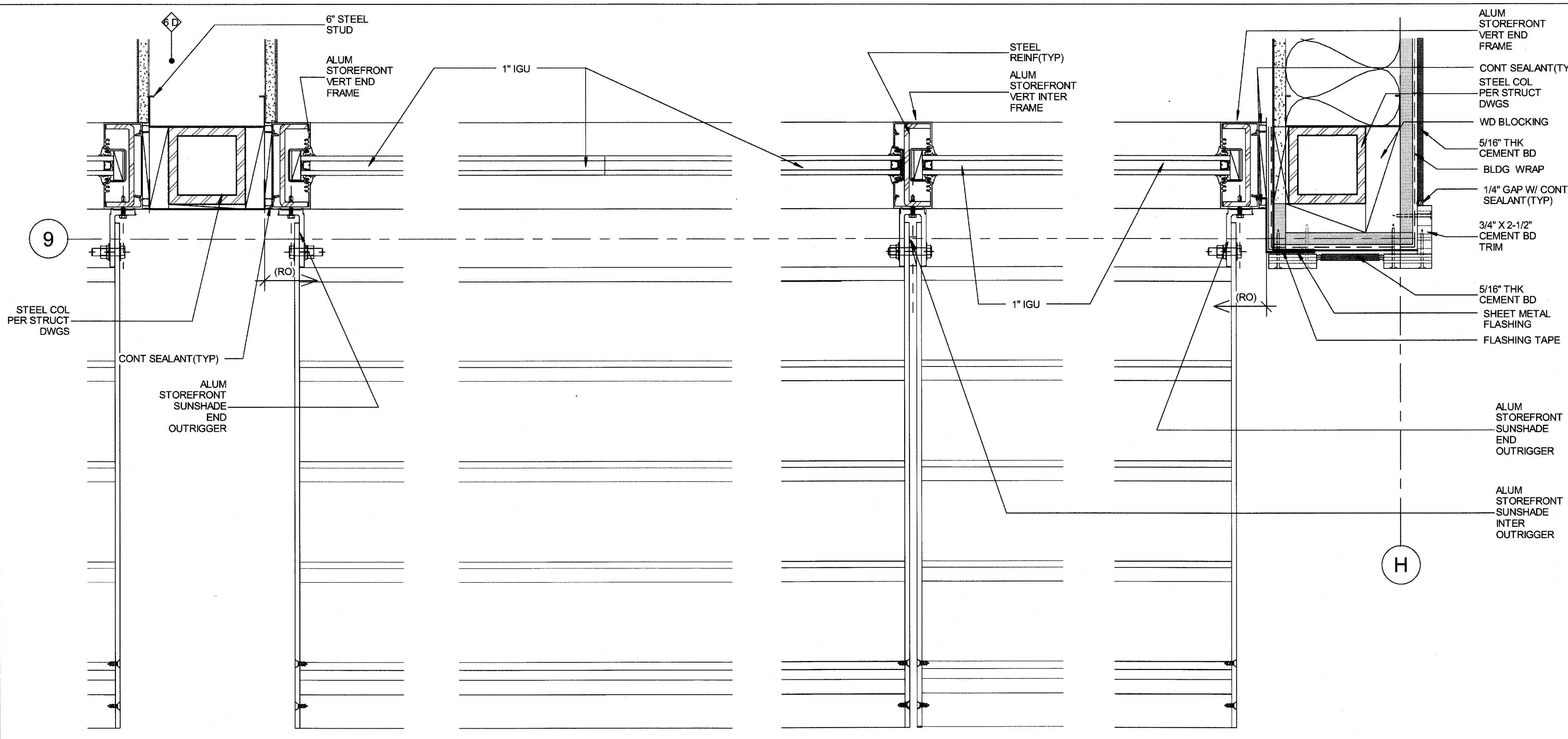
2 SF2 AWNING JAMBS
3" = 1'-0"



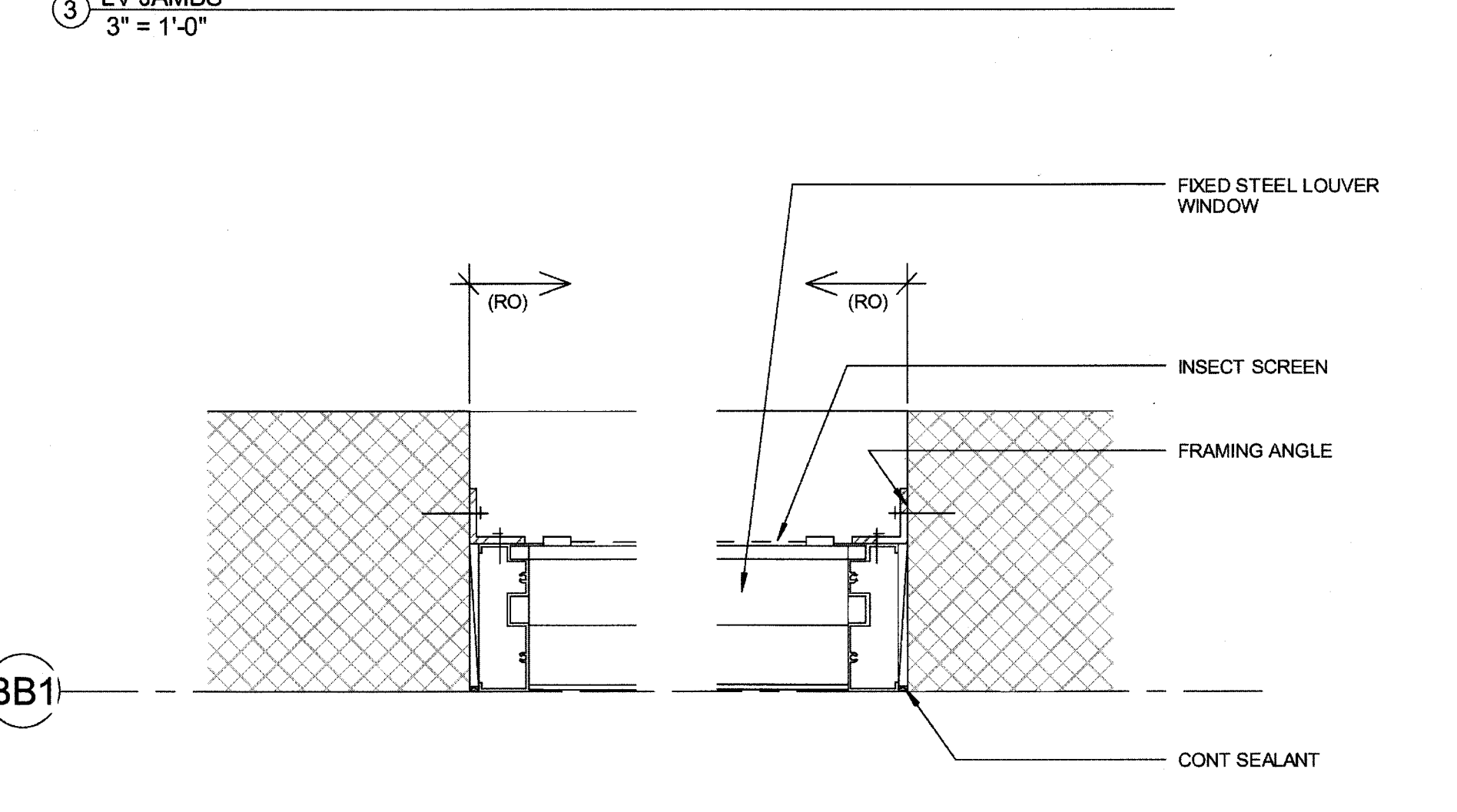
4 LV HEAD AND SILL AT CMU
3" = 1'-0"

3 LV HEAD AND SILL AT STUD WALL
3" = 1'-0"

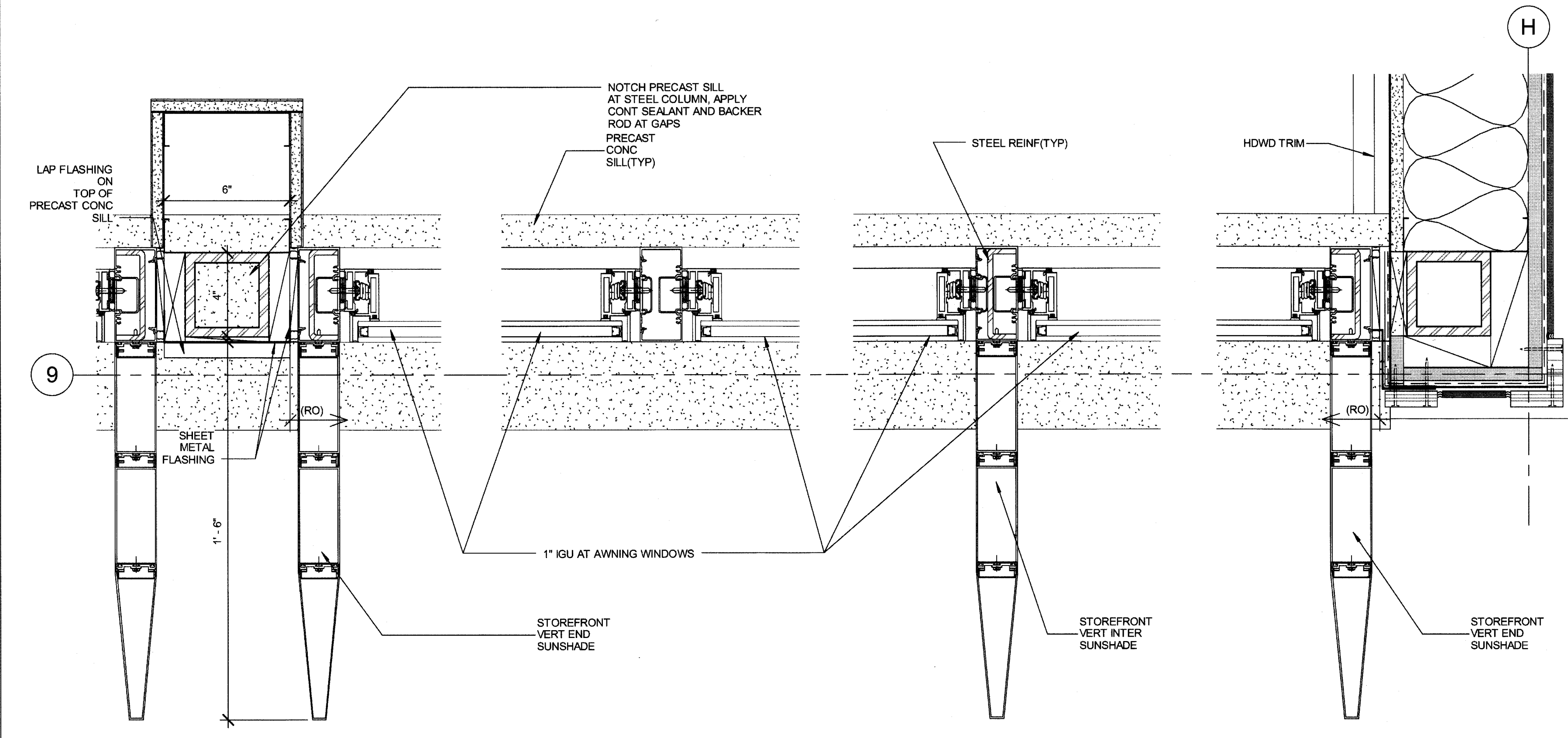
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII					
ALUMINUM FRAMED STOREFRONT DETAILS					
DESIGNED:		SUBMITTED:			
DRAWN:		DATE:	03/15/16		
CHECKED:		SCALE:			
APPROVED:		DATE:			
CHIEF ENGINEER		MAR 23 2016	DRAWING NO. A5.04		



① SF16 & 17 FIXED GLAZING JAMBS
3" = 1'-0"



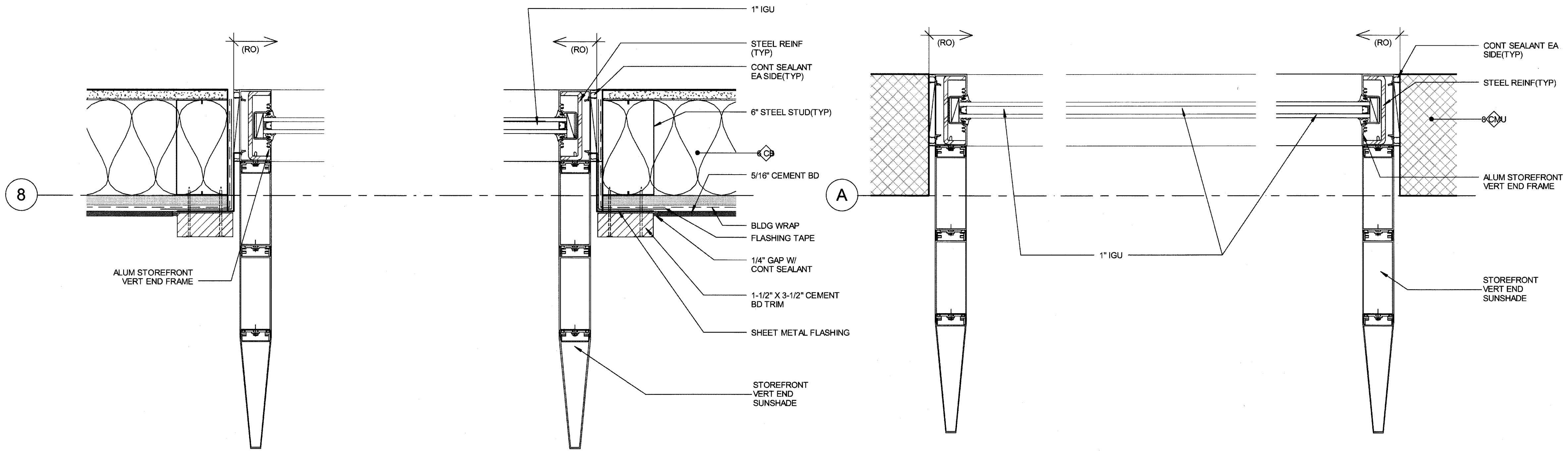
④ LV JAMBS AT CMU WALL
3" = 1'-0"



② SF16 & 17 AWNING JAMBS
3" = 1'-0"

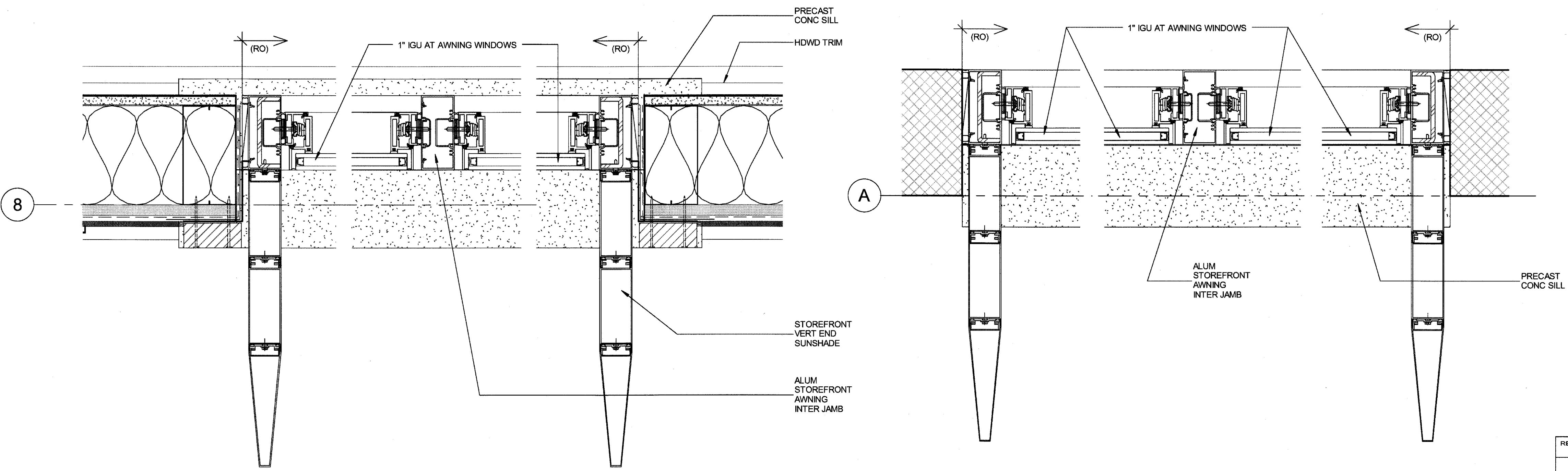
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII ALUMINUM FRAMED STOREFRONT DETAILS					
DESIGNED:			SUBMITTED: <i>gc</i>		
DRAWN:			DATE: 03/15/16		
CHECKED:			SCALE:		
APPROVED: <i>Cyly</i>			DATE: MAR 23 2016		DRAWING NO. A5.05
BEAU A. SUZUKI LICENSED PROFESSIONAL ARCHITECT No. 9115 HAWAII, U.S.A. EXP. DATE: April 30, 2016 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.					

3/15/2016 9:48:55 AM



① STOREFRONT AT CMU WALL FIXED GLAZING JAMBS
 3" = 1'-0"

⑤ STOREFRONT FIXED GLAZING JAMBS
 3" = 1'-0"

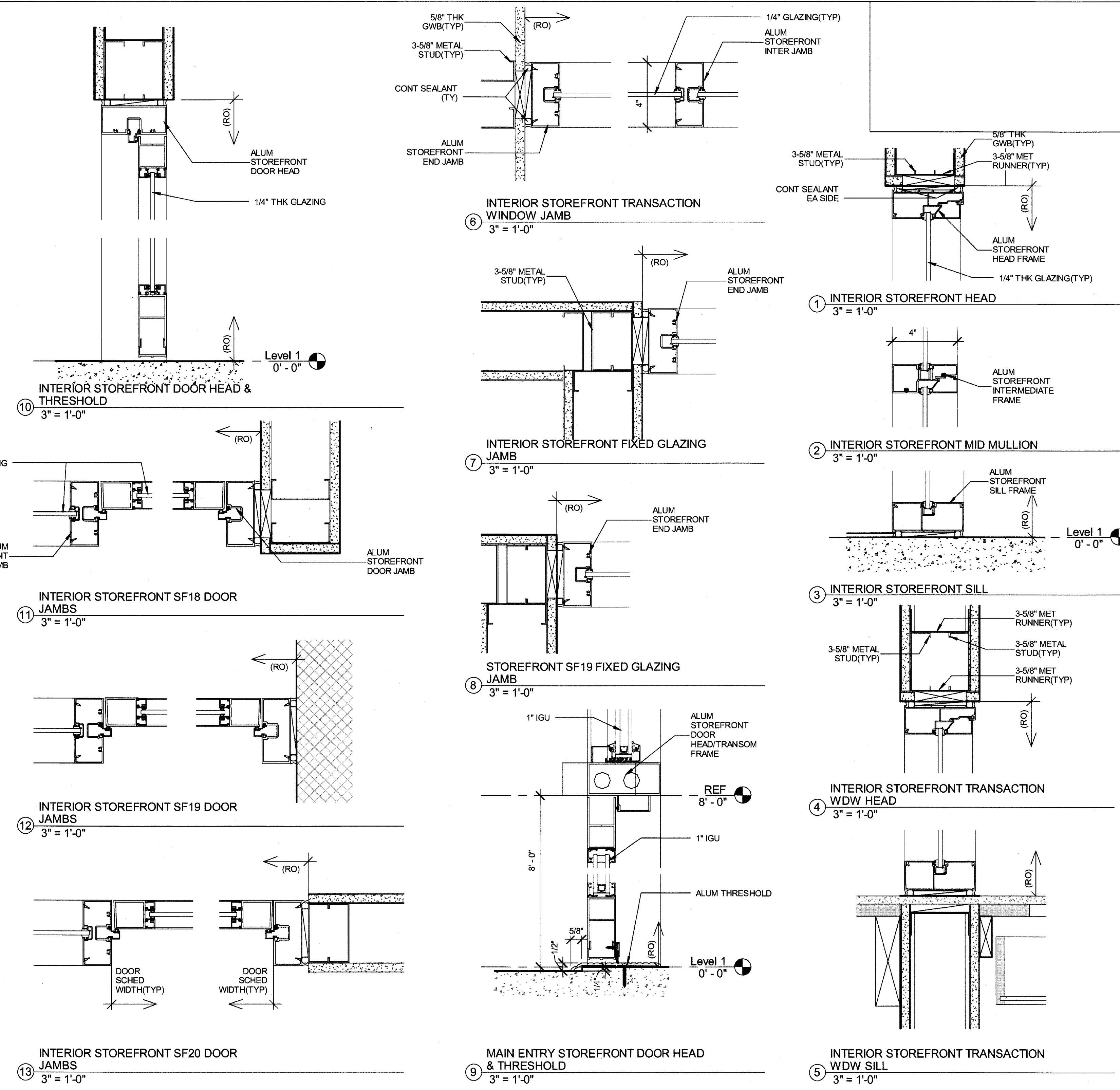


② STOREFRONT AT CMU WALL AWNING JAMBS
 3" = 1'-0"

⑥ STOREFRONT AWNING JAMBS
 3" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII ALUMINUM FRAMED STOREFRONT DETAILS					
		DESIGNED:	SUBMITTED: <i>GC</i>		
		DRAWN:	DATE: 03/15/16		
		CHECKED:	SCALE:		
		APPROVED:	 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.		DRAWING NO.
		CHIEF ENGINEER	MAR 23 2016 DATE		A5.06

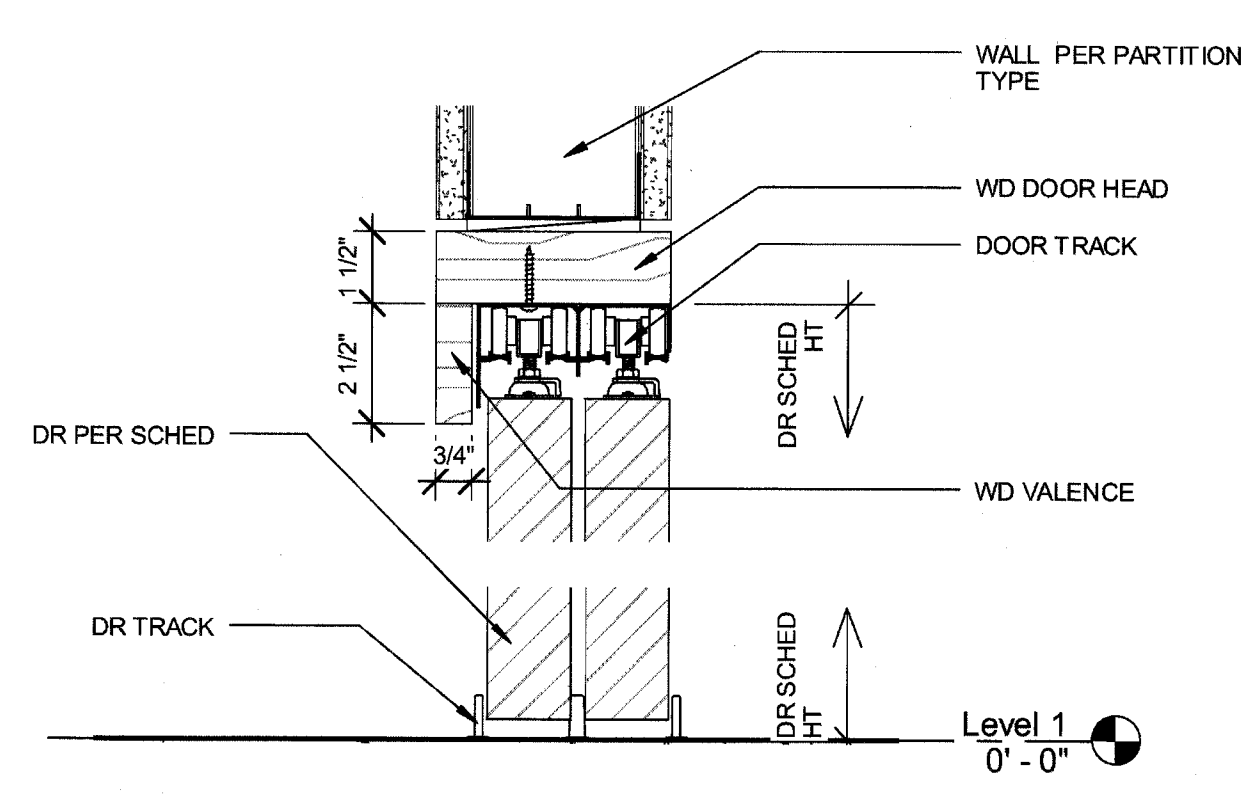
3/15/2016 9:45:56 AM



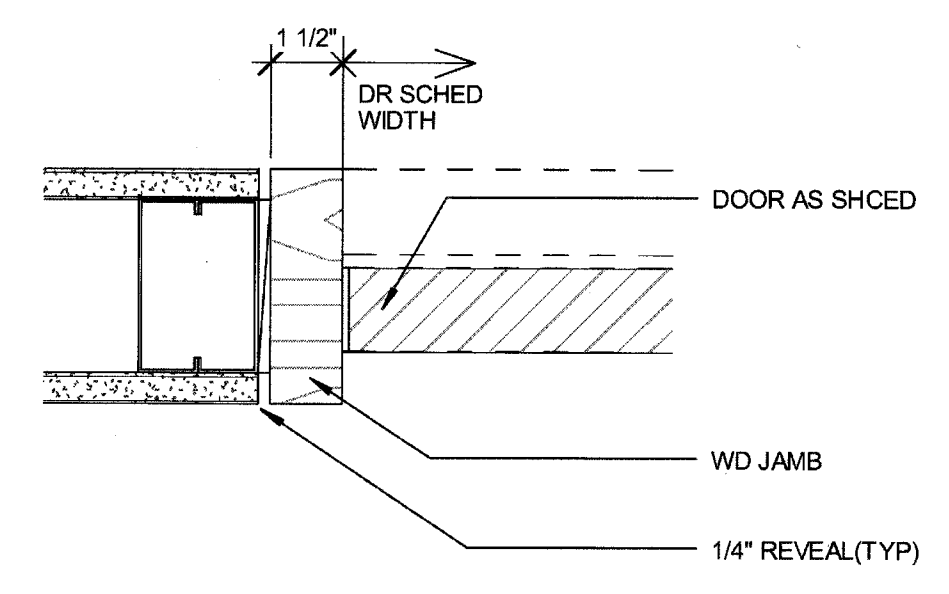
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII ALUMINUM FRAMED STOREFRONT DETAILS					
DESIGNED:		SUBMITTED:			
DRAWN:		DATE:		03/15/16	
CHECKED:		SCALE:			
APPROVED:		DATE:		MAR 23 2016	
CHIEF ENGINEER		DATE		DRAWING NO. A5.07	



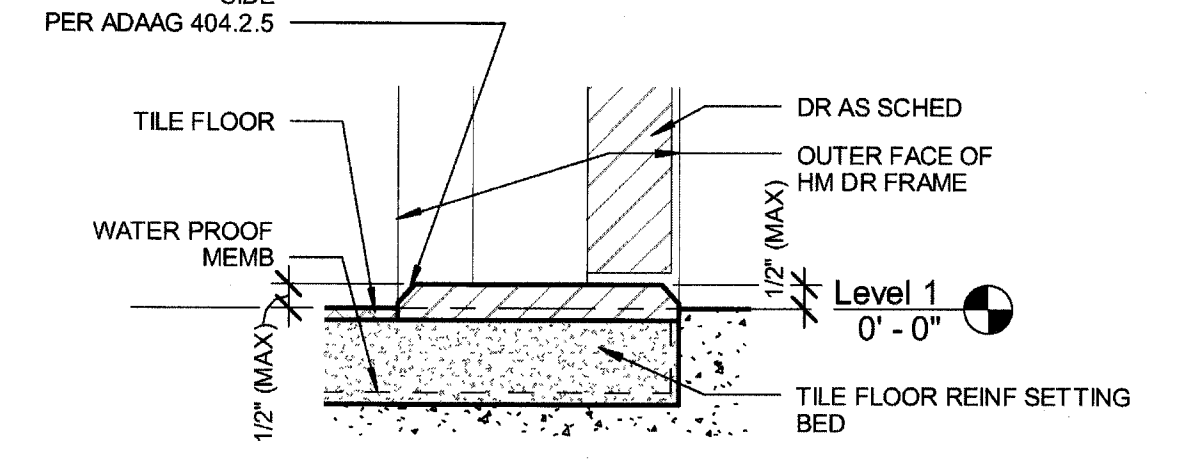
EXP. DATE: April 30, 2016
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.



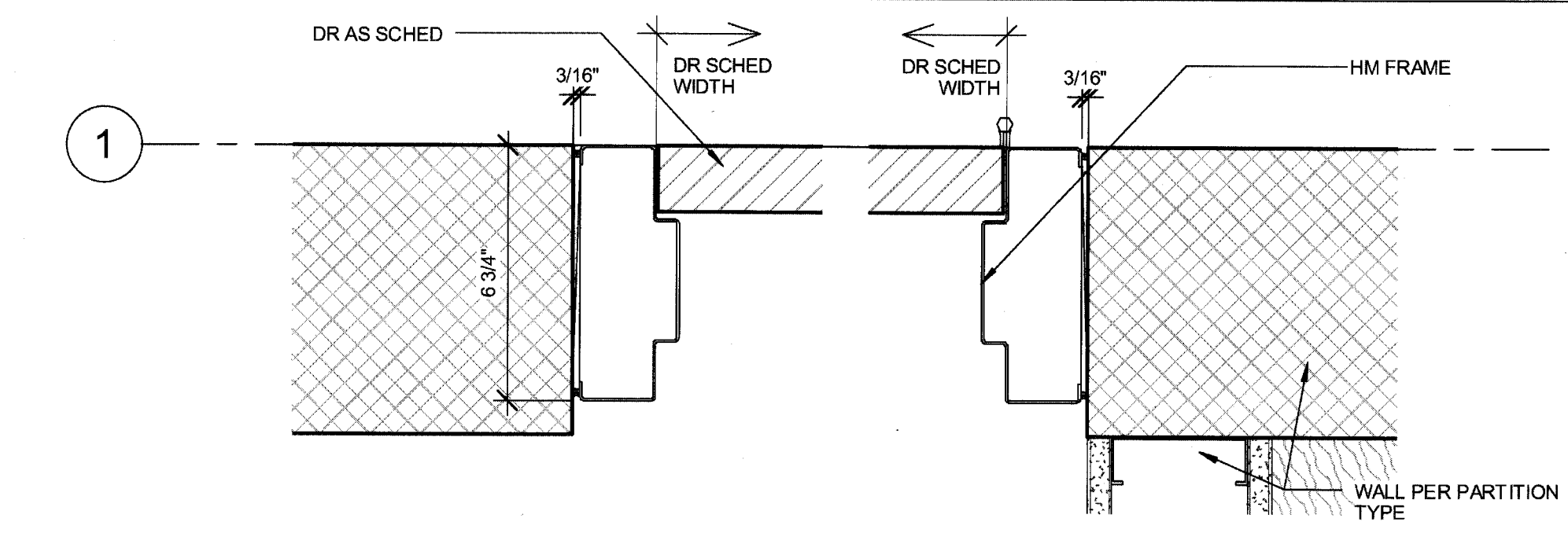
13 SLIDING BYPASS DOOR HEAD AND TRACK
3" = 1'-0"



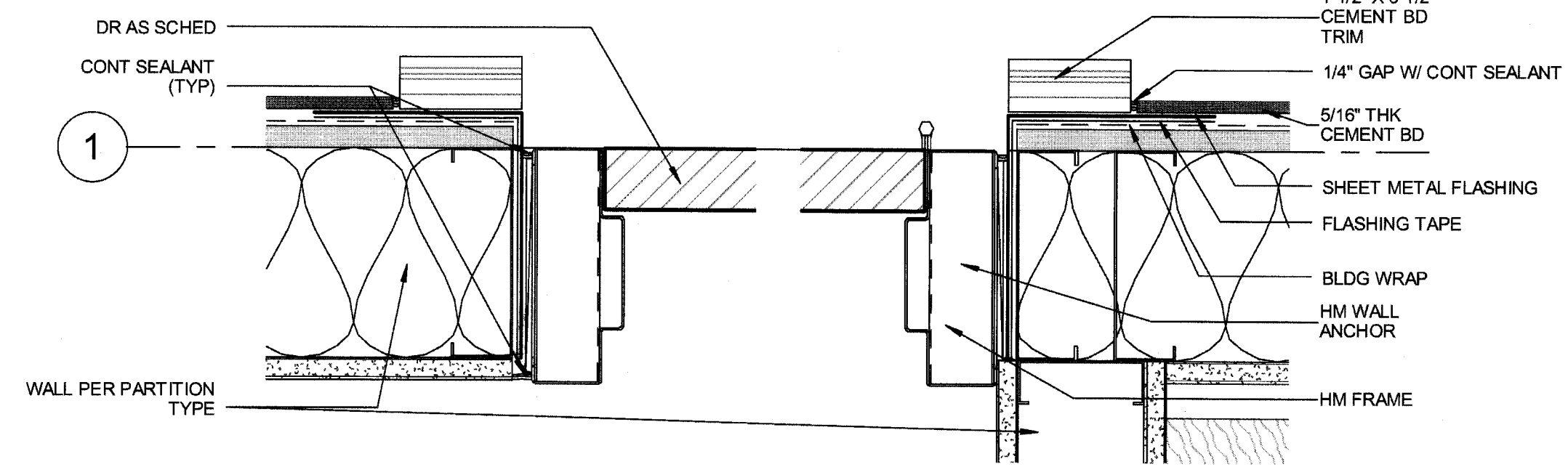
14 SLIDING BYPASS DOOR JAMB
3" = 1'-0"



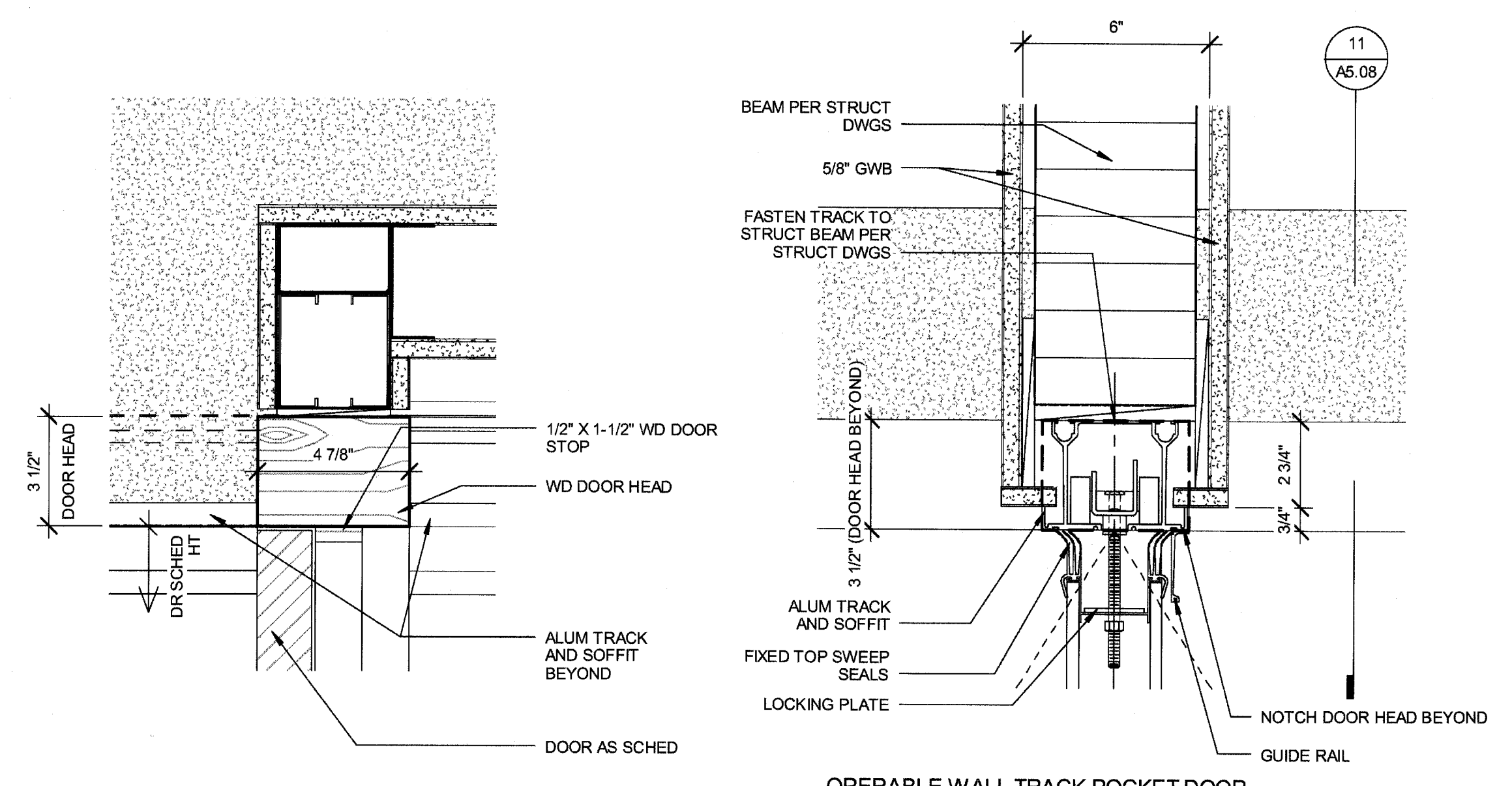
15 TYPICAL MARBLE DOOR THRESHOLD
3" = 1'-0"



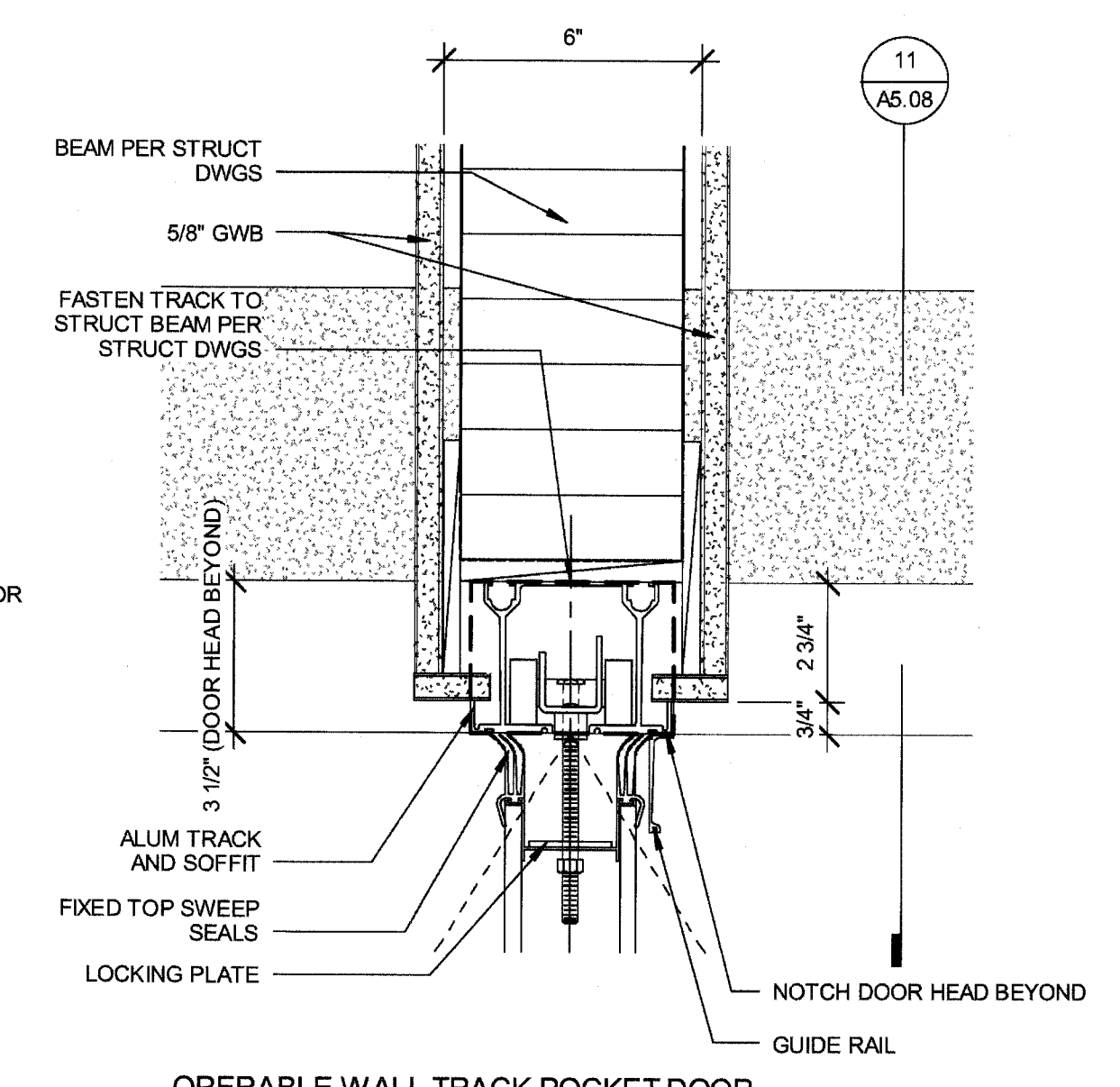
8 JAMB AT HALLWAY EXTERIOR DOOR
3" = 1'-0"



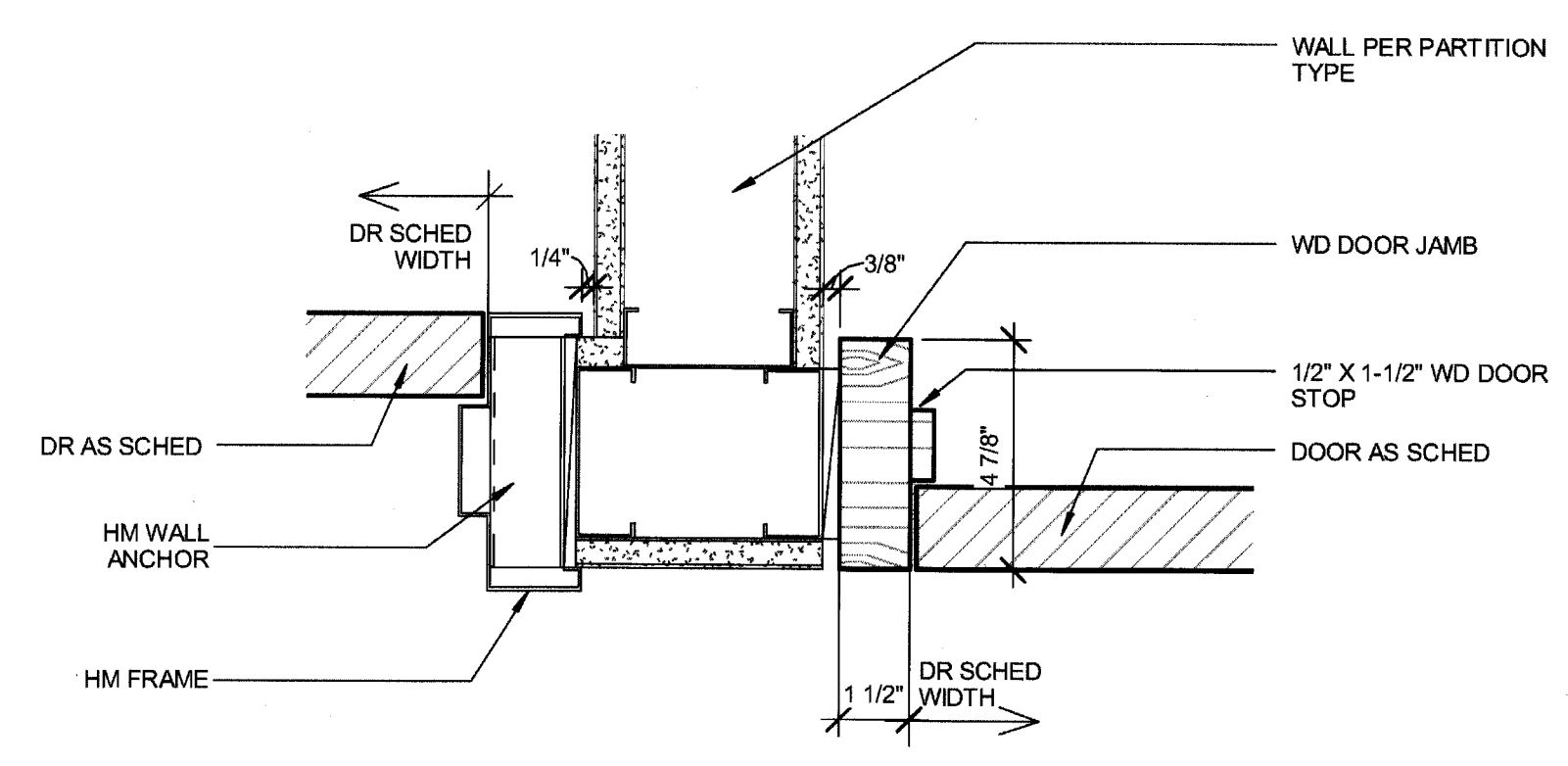
9 JAMB AT HALLWAY EXTERIOR DOOR STUD WALL CONDITION
3" = 1'-0"



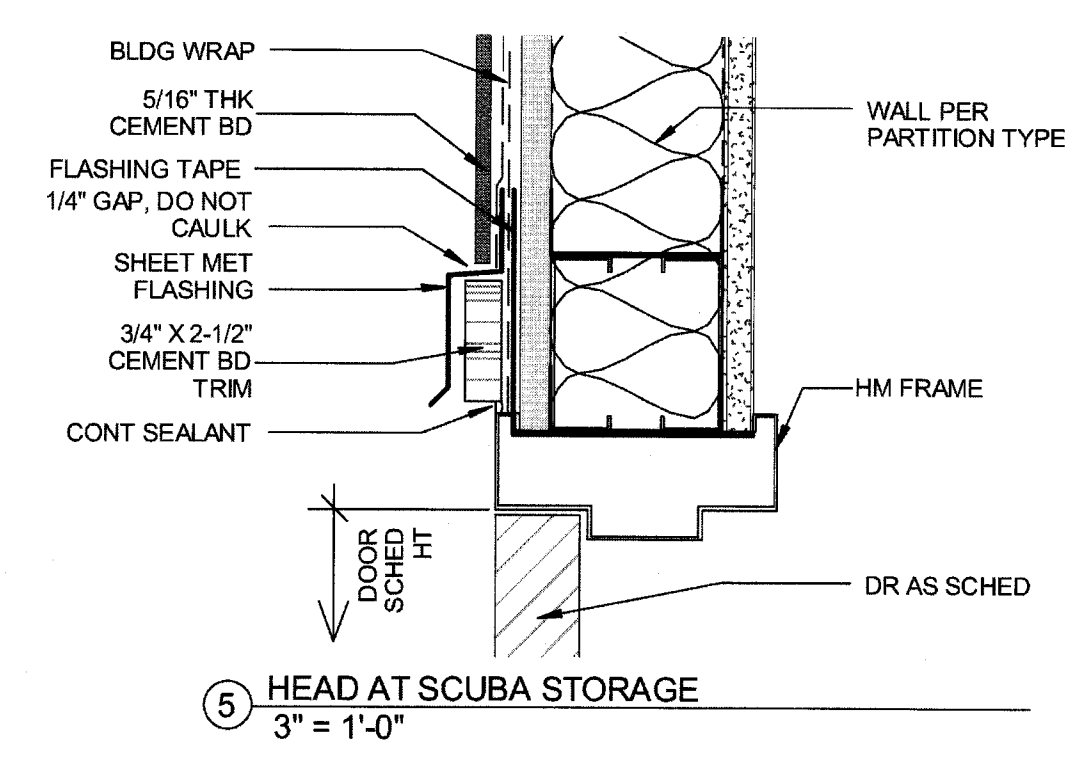
11 HEAD AT OPERABLE WALL POCKET
3" = 1'-0"



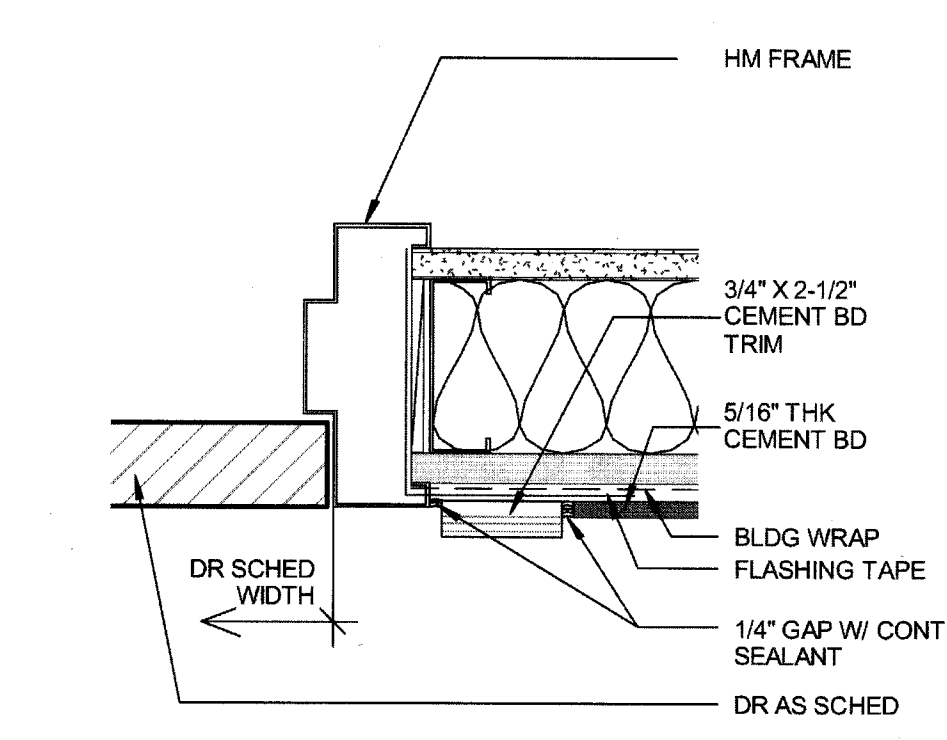
10 OPERABLE WALL TRACK POCKET DOOR CONDITION
3" = 1'-0"



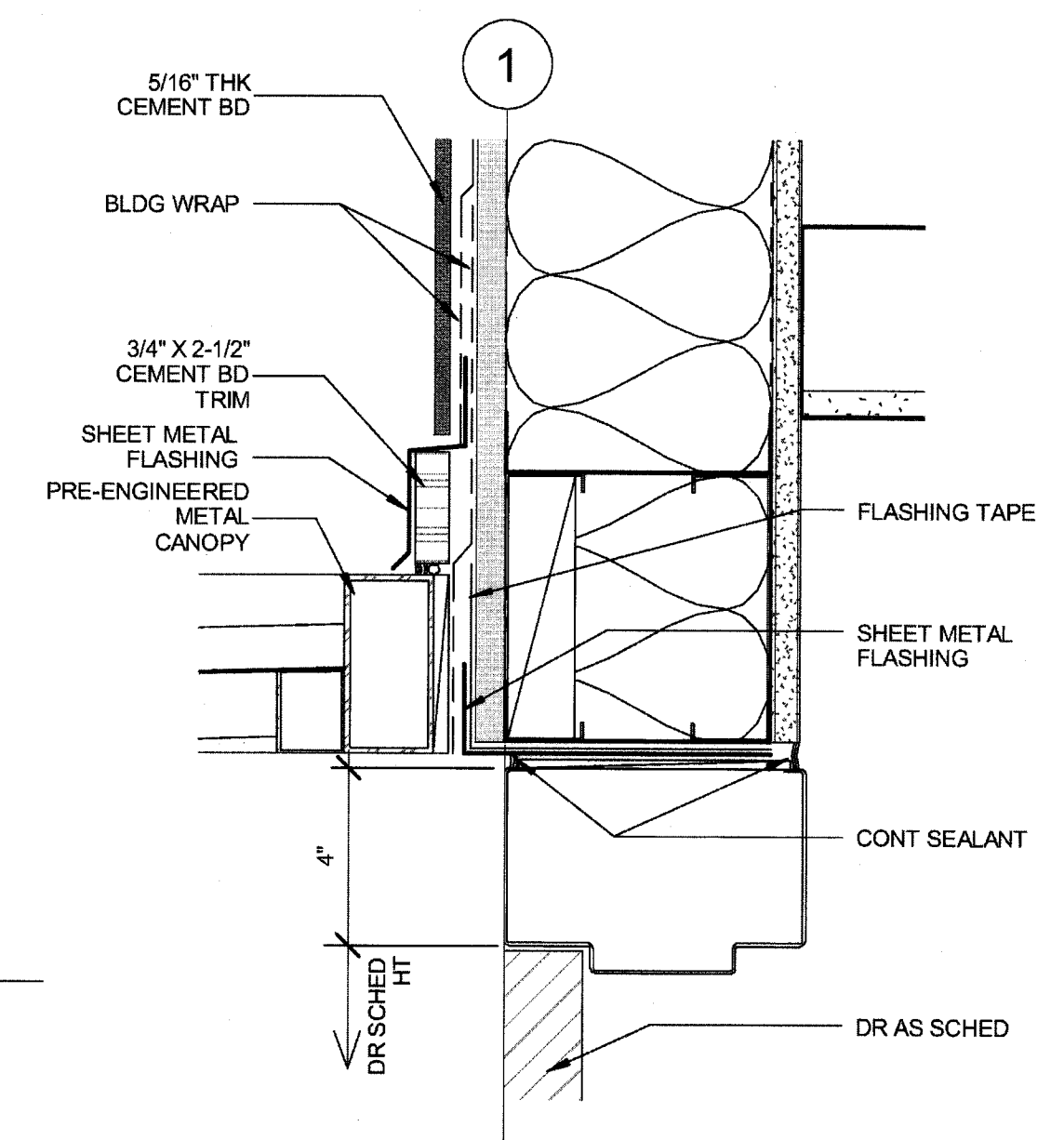
12 JAMB AT OPERABLE WALL POCKET
3" = 1'-0"



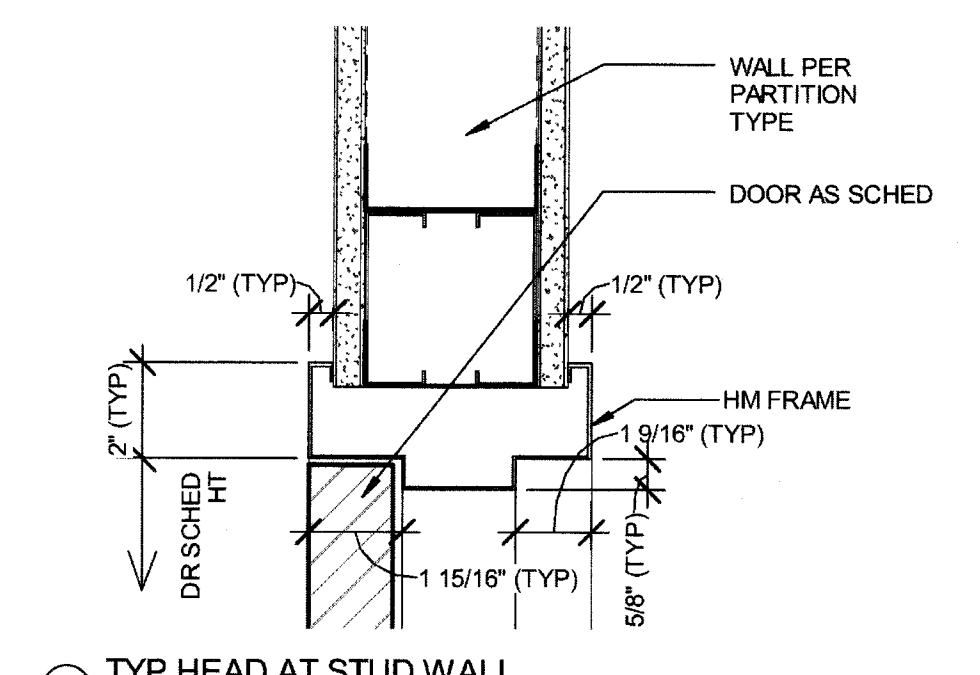
5 HEAD AT SCUBA STORAGE
3" = 1'-0"



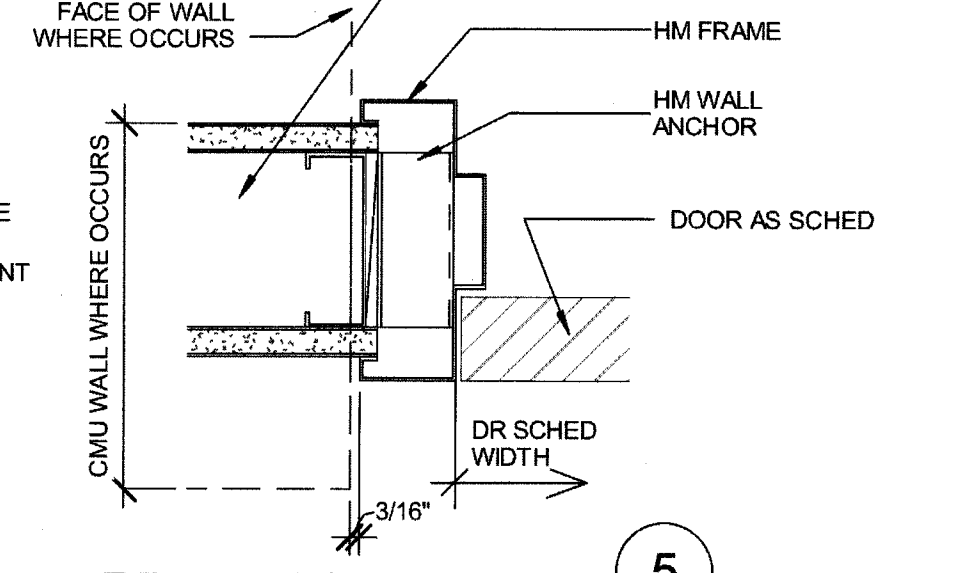
6 JAMB AT SCUBA STORAGE
3" = 1'-0"



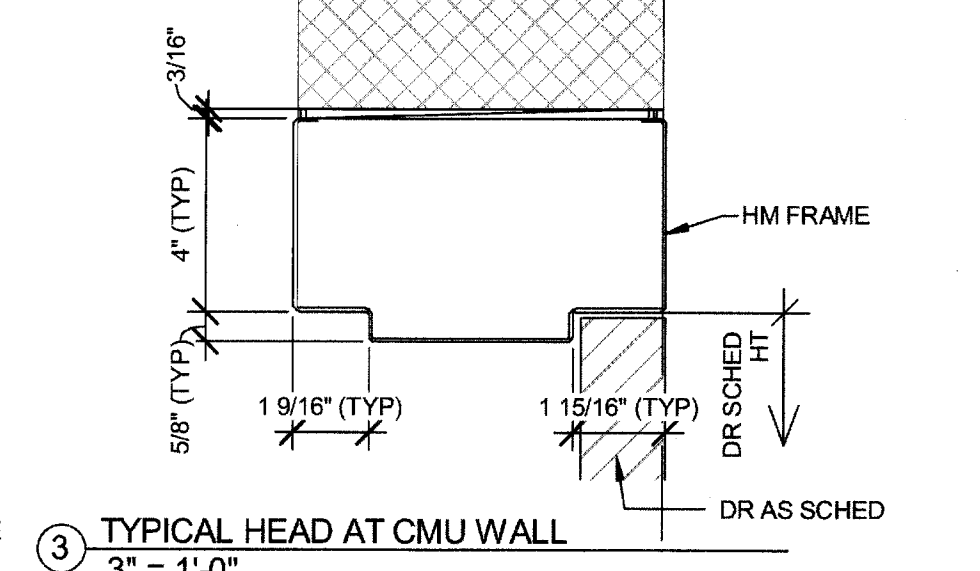
7 HEAD AT HALLWAY EXTERIOR DOOR
3" = 1'-0"



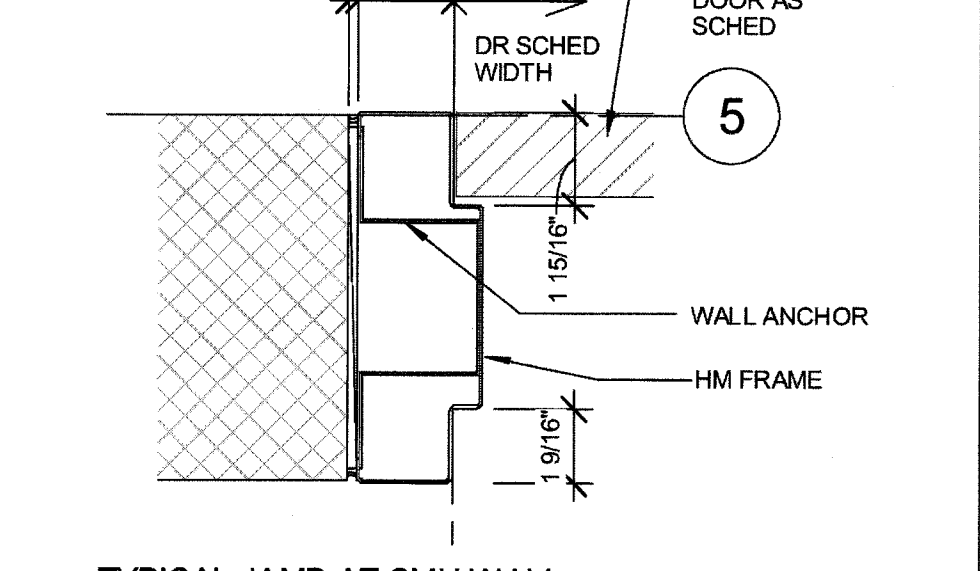
1 TYP HEAD AT STUD WALL
3" = 1'-0"



2 TYP JAMB AT STUD WALL
3" = 1'-0"

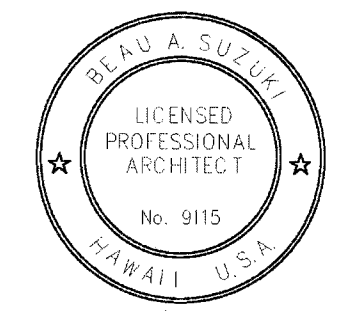


3 TYPICAL HEAD AT CMU WALL
3" = 1'-0"

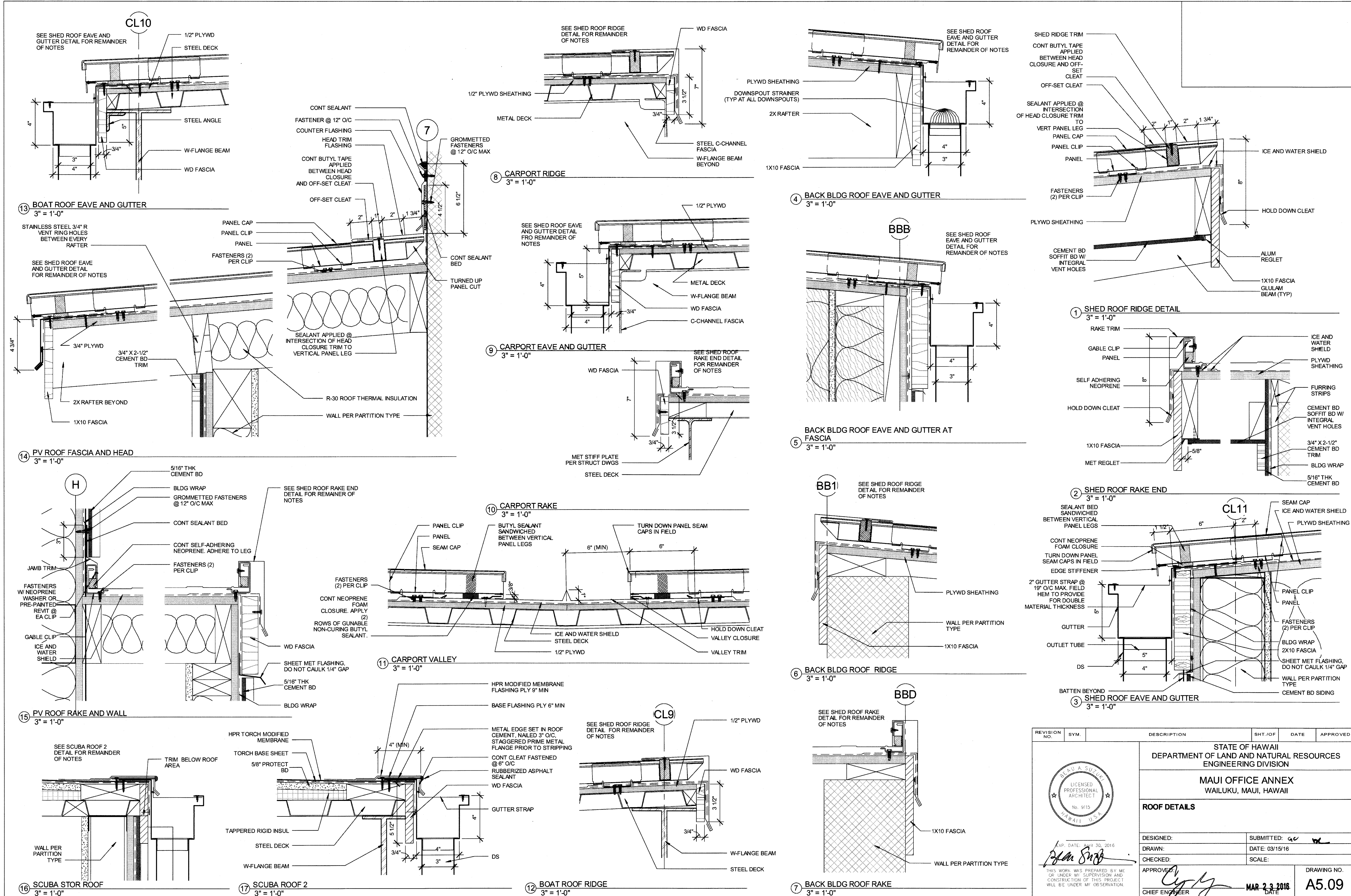


4 TYPICAL JAMB AT CMU WALL
3" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII DOOR DETAILS					
DESIGNED:		SUBMITTED:			
DRAWN:		DATE: 03/15/16			
CHECKED:		SCALE:			
APPROVED:		DATE: MAR 23 2016		DRAWING NO. A5.08	
CHIEF ENGINEER		DATE			

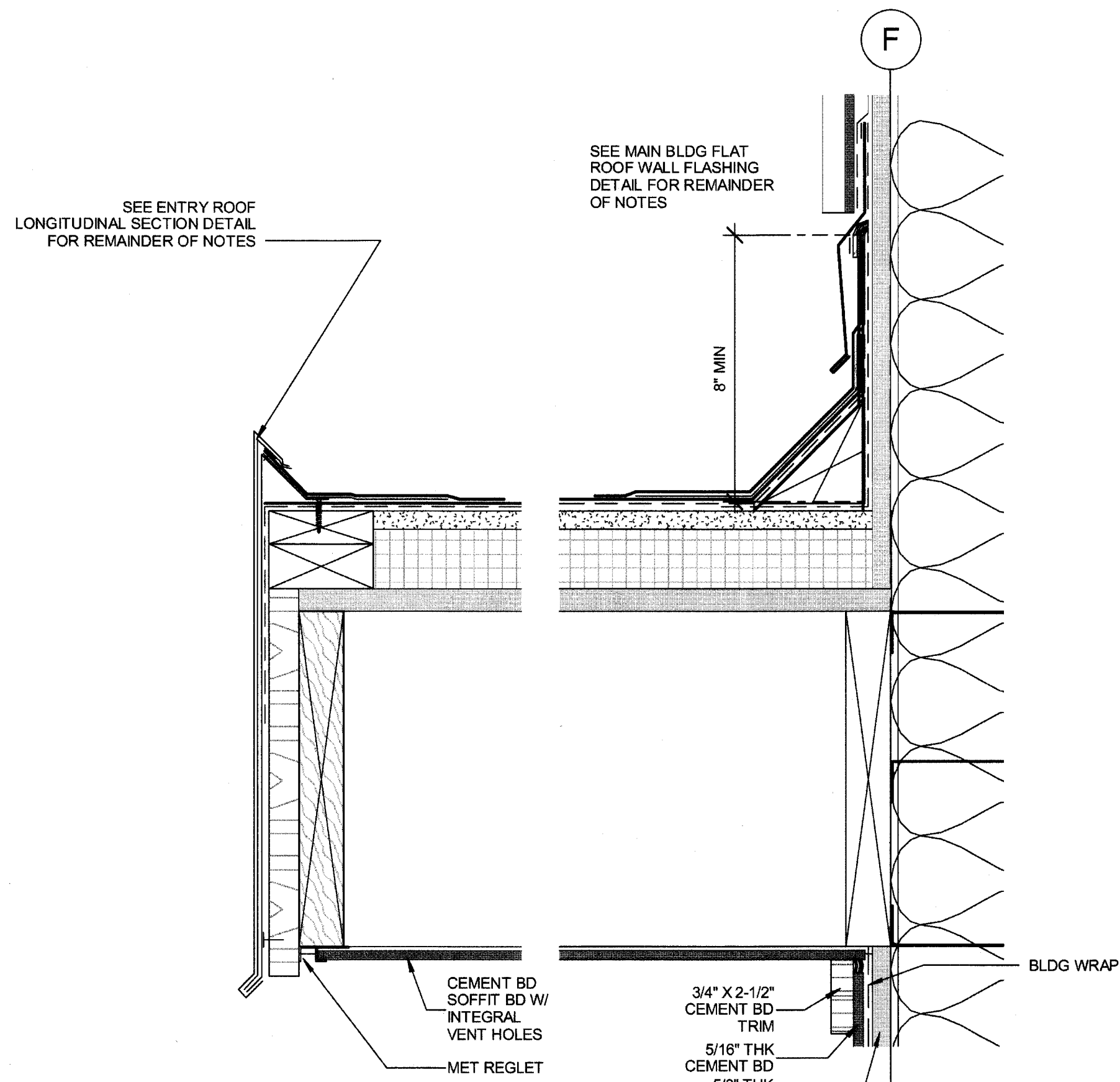


EXP. DATE: April 30, 2016
 Beau Suzuki
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

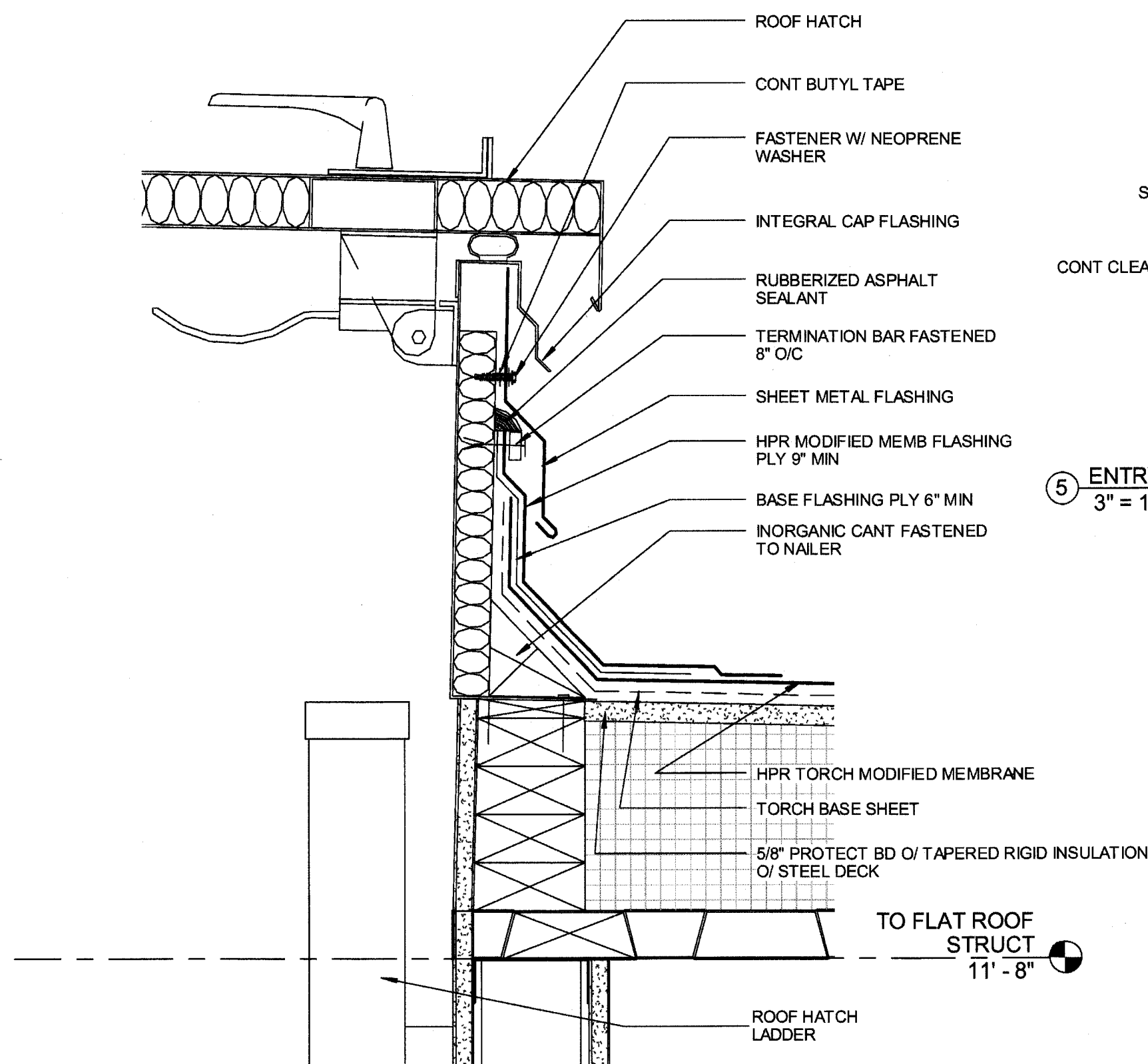


REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII ROOF DETAILS					
DESIGNED:		SUBMITTED:	gc		
DRAWN:		DATE:	03/15/16		
CHECKED:		SCALE:			
APPROVED:		DATE:	MAR 23 2016		
CHIEF ENGINEER		DRAWING NO.	A5.09		

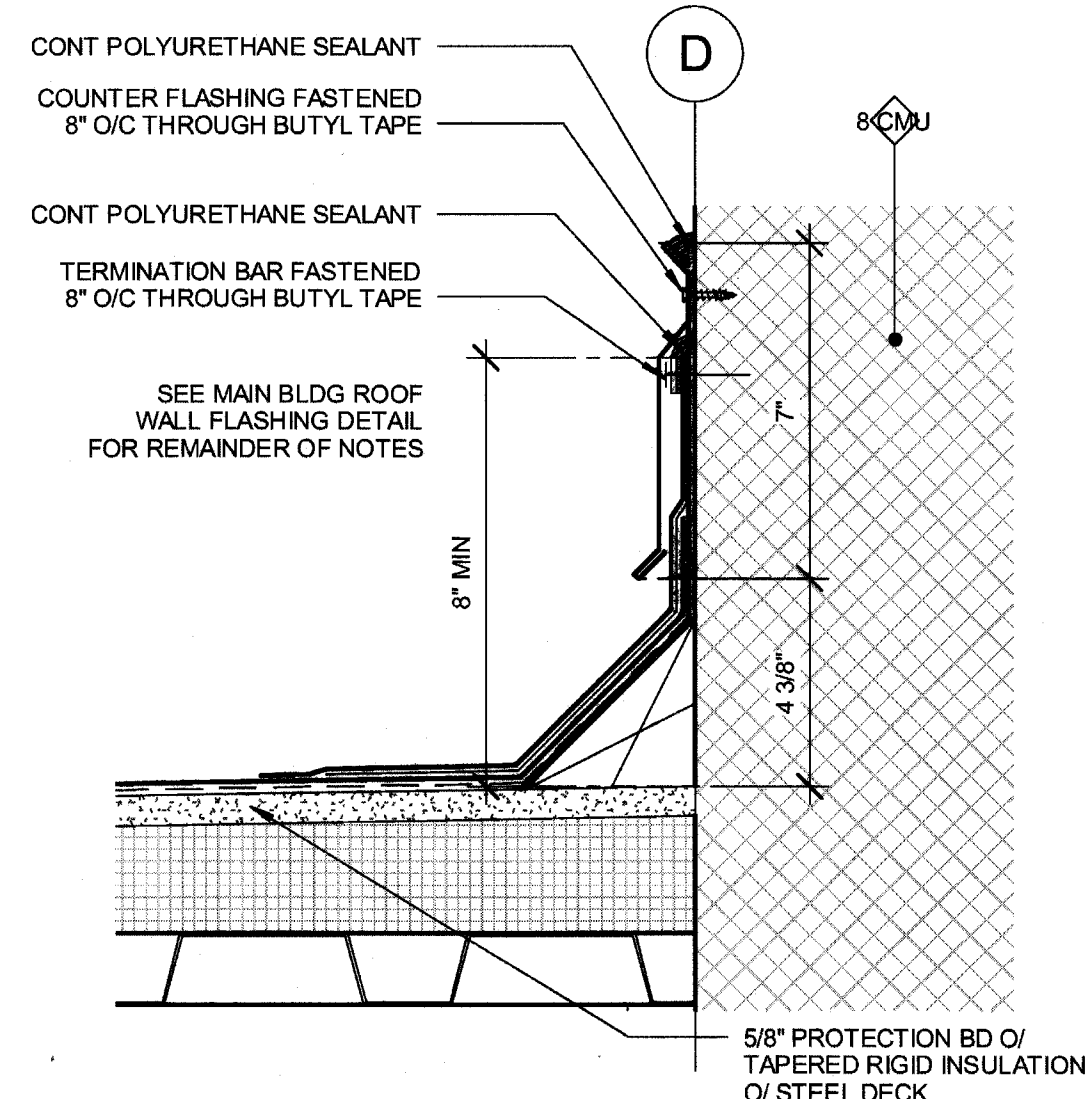
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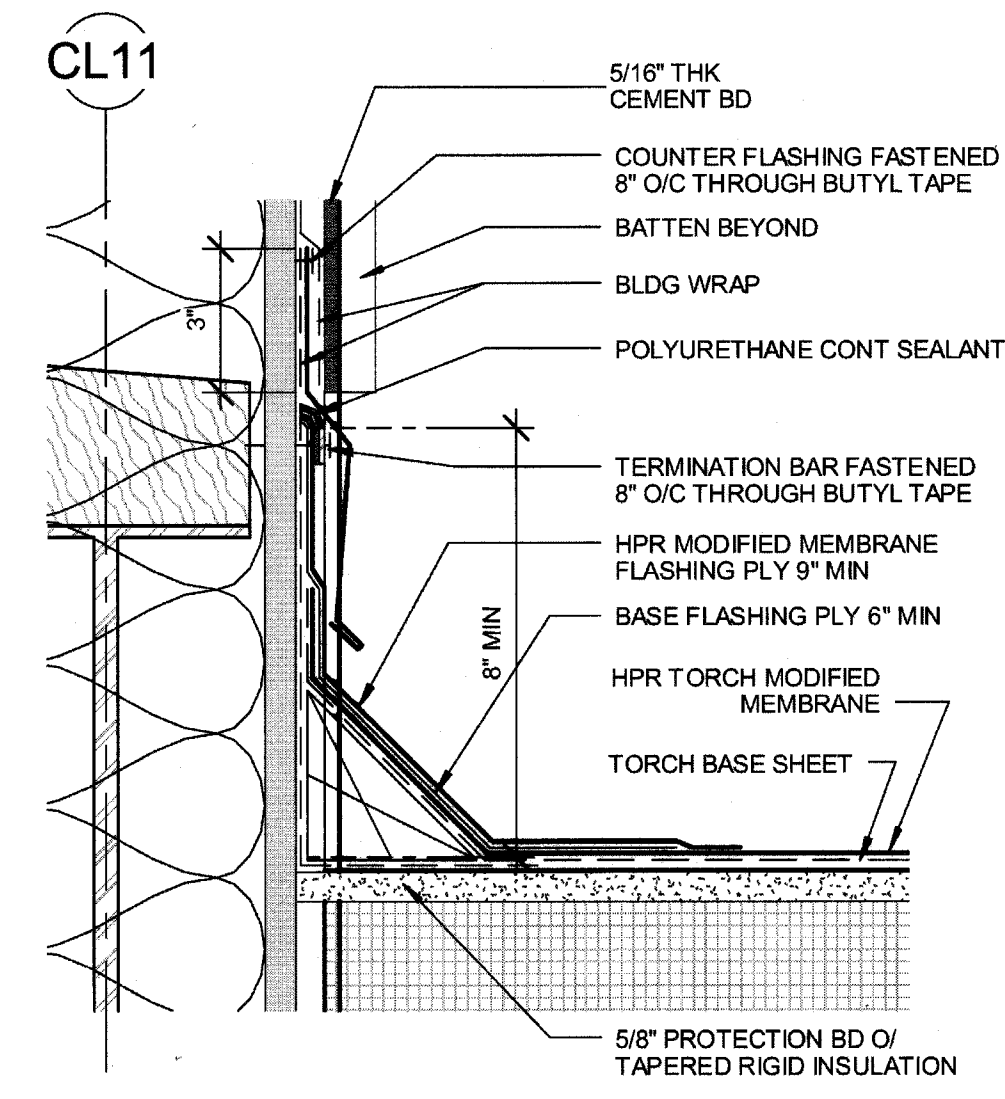
6 ENTRY ROOF RAKE AND WALL FLASHING
3" = 1'-0"



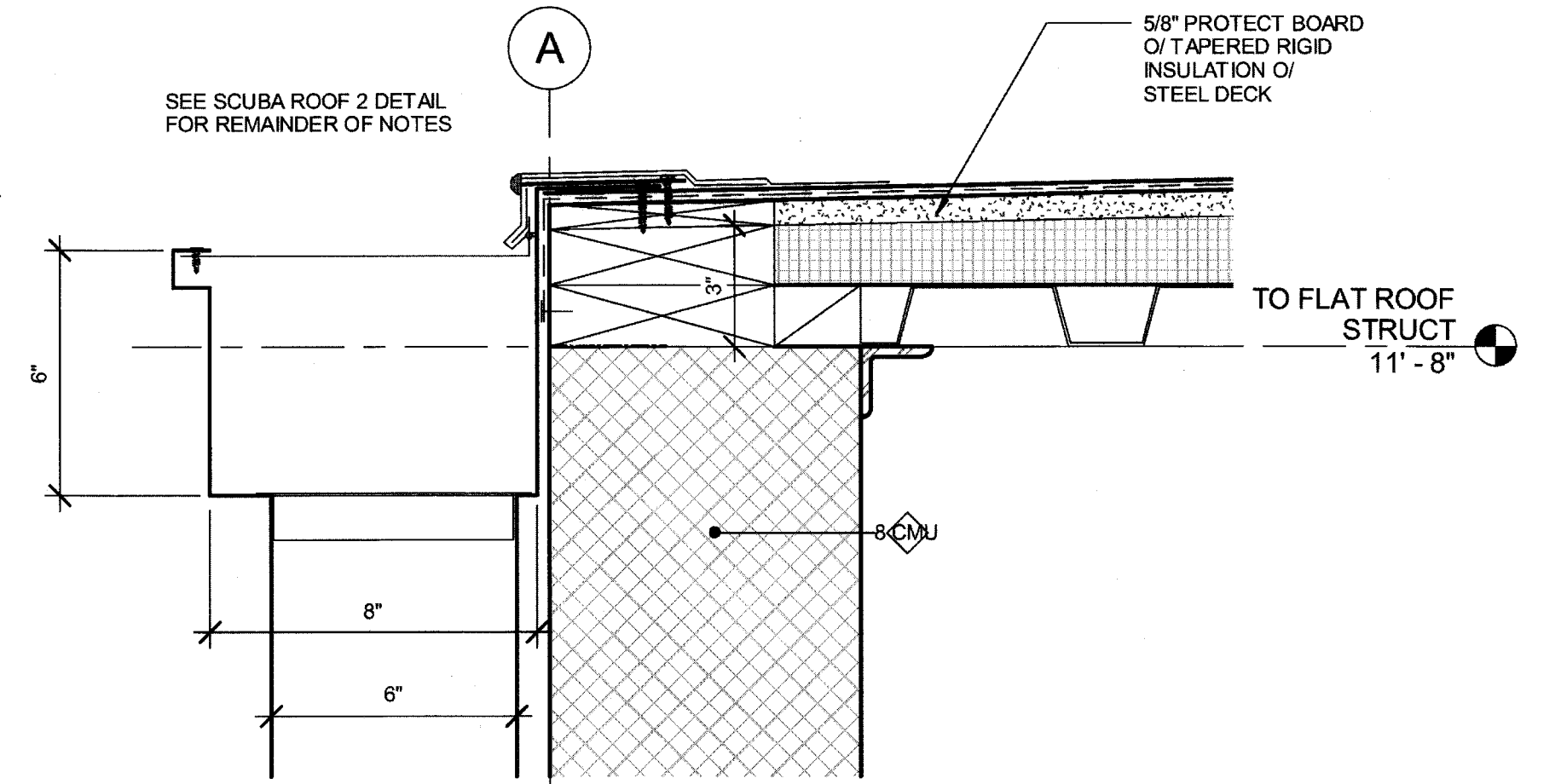
7 ROOF HATCH
3" = 1'-0"



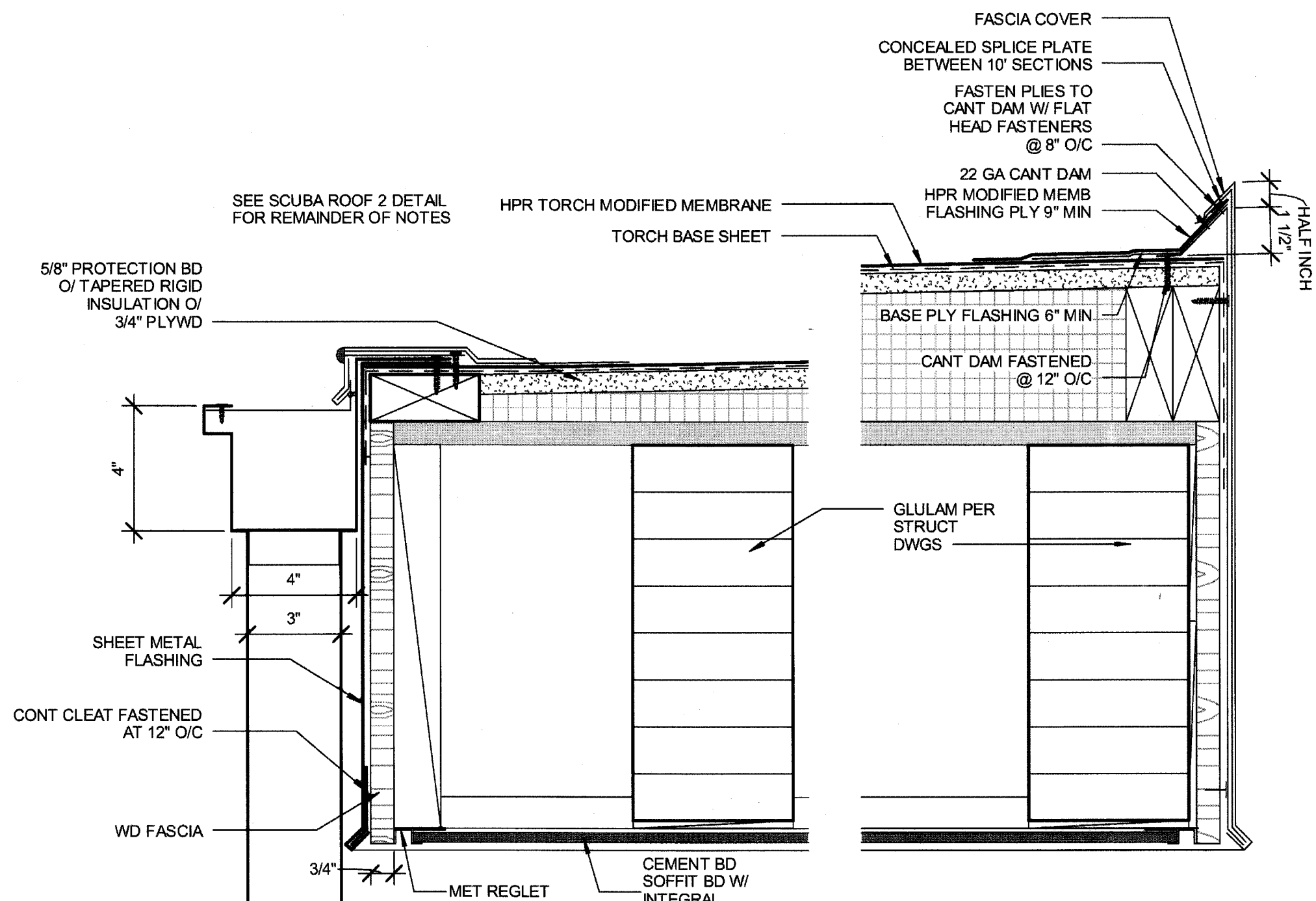
4 SCUBA AREA ROOF WALL FLASHING
3" = 1'-0"



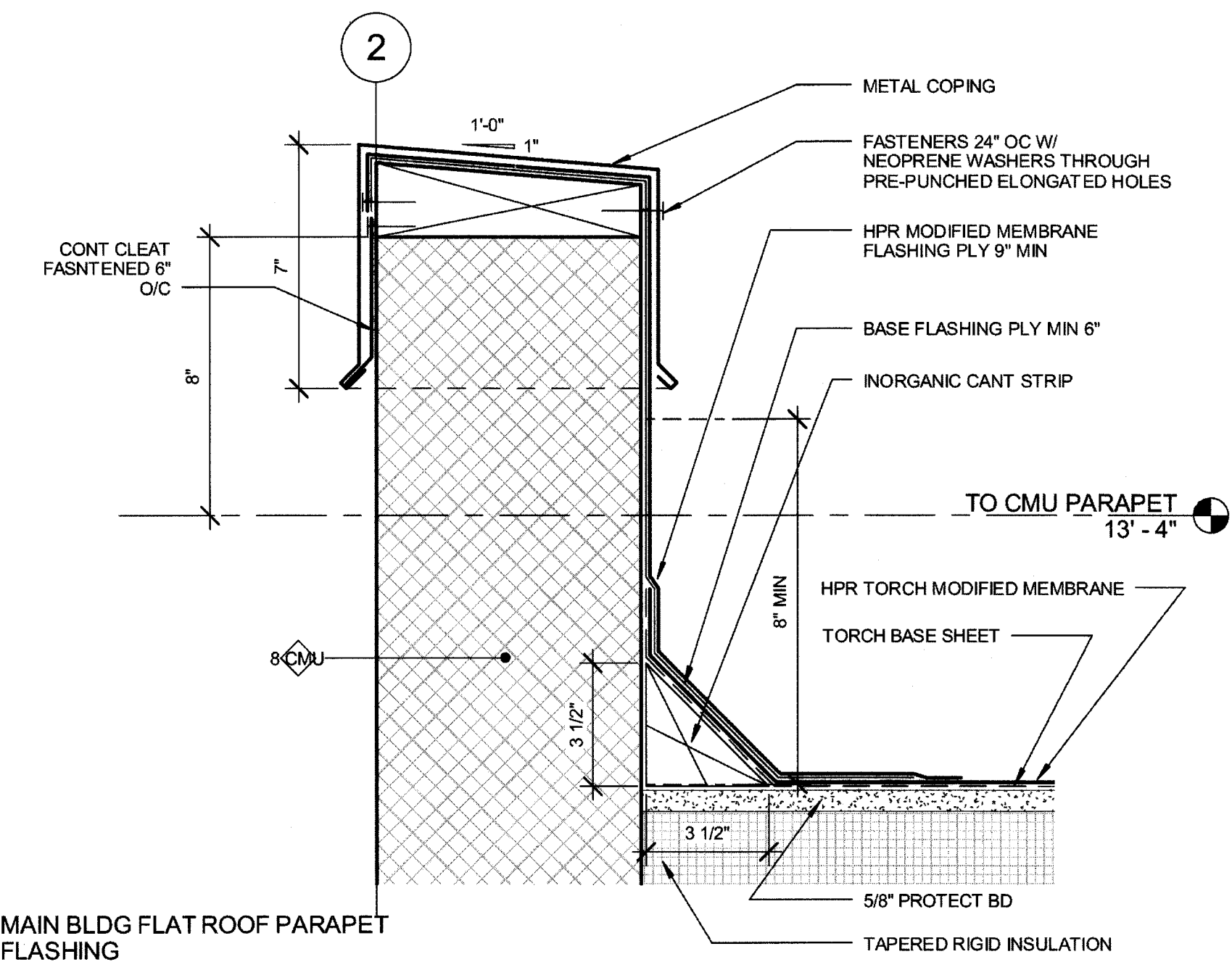
3 MAIN BLDG FLAT ROOF WALL FLASHING
3" = 1'-0"



1 MAIN BLDG FLAT ROOF GUTTER
3" = 1'-0"

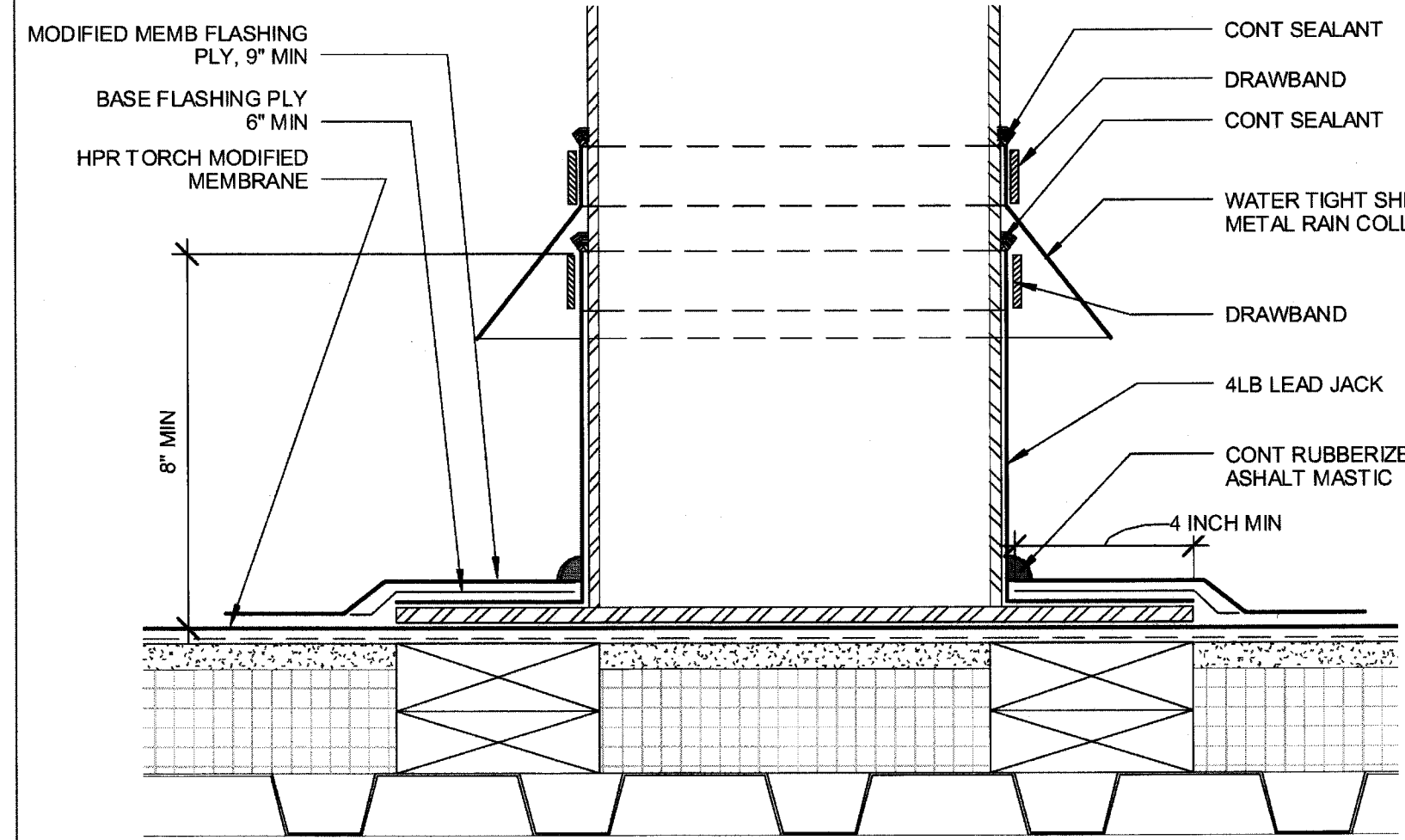


5 ENTRY ROOF LONGITUDINAL SECTION
3" = 1'-0"

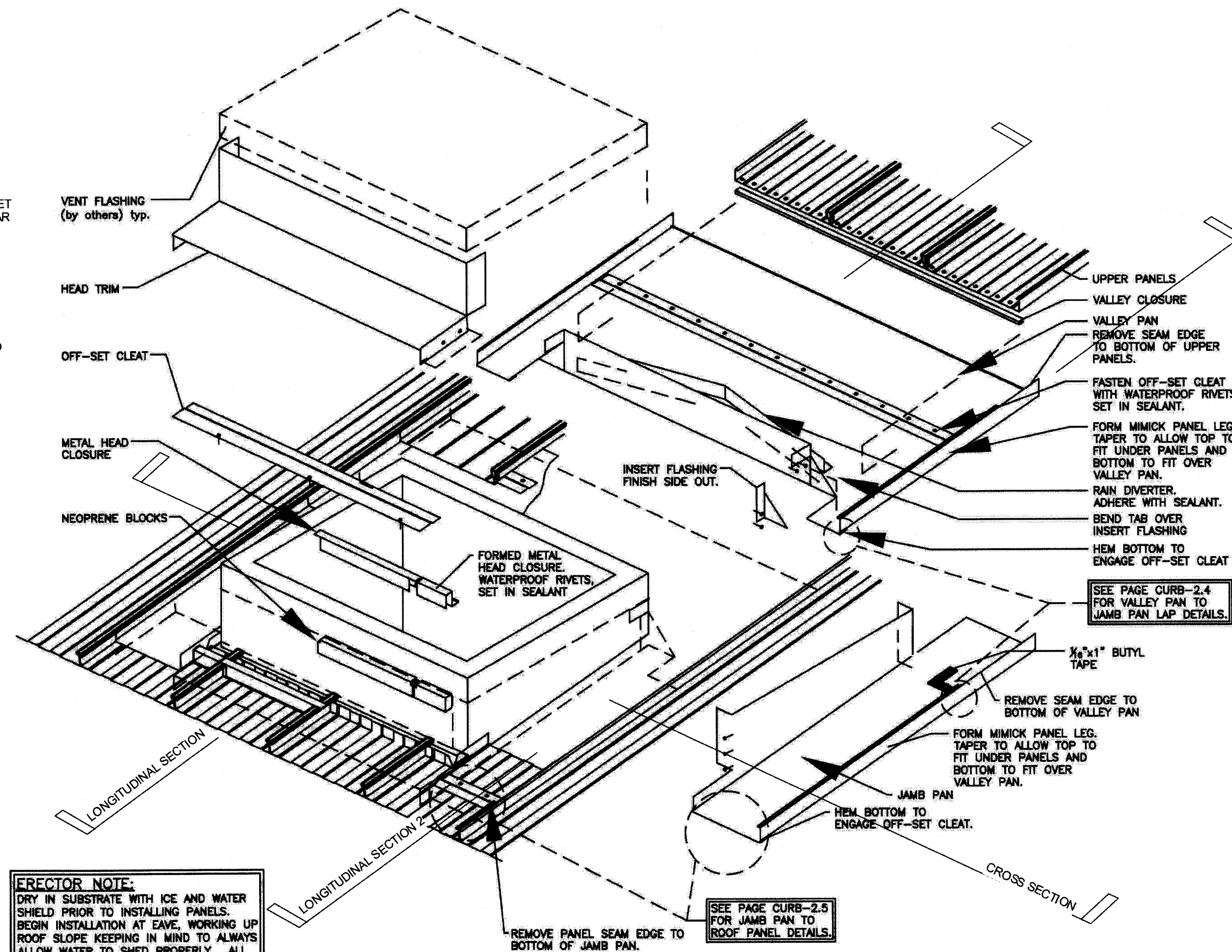


2 MAIN BLDG FLAT ROOF PARAPET FLASHING
3" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII ROOF DETAILS					
DESIGNED:			SUBMITTED:		
DRAWN:			DATE:	03/15/16	
CHECKED:			SCALE:		
APPROVED:			DATE:	MAR 23 2016	
CHIEF ENGINEER <i>Cyly</i>			DRAWING NO. A5.10		

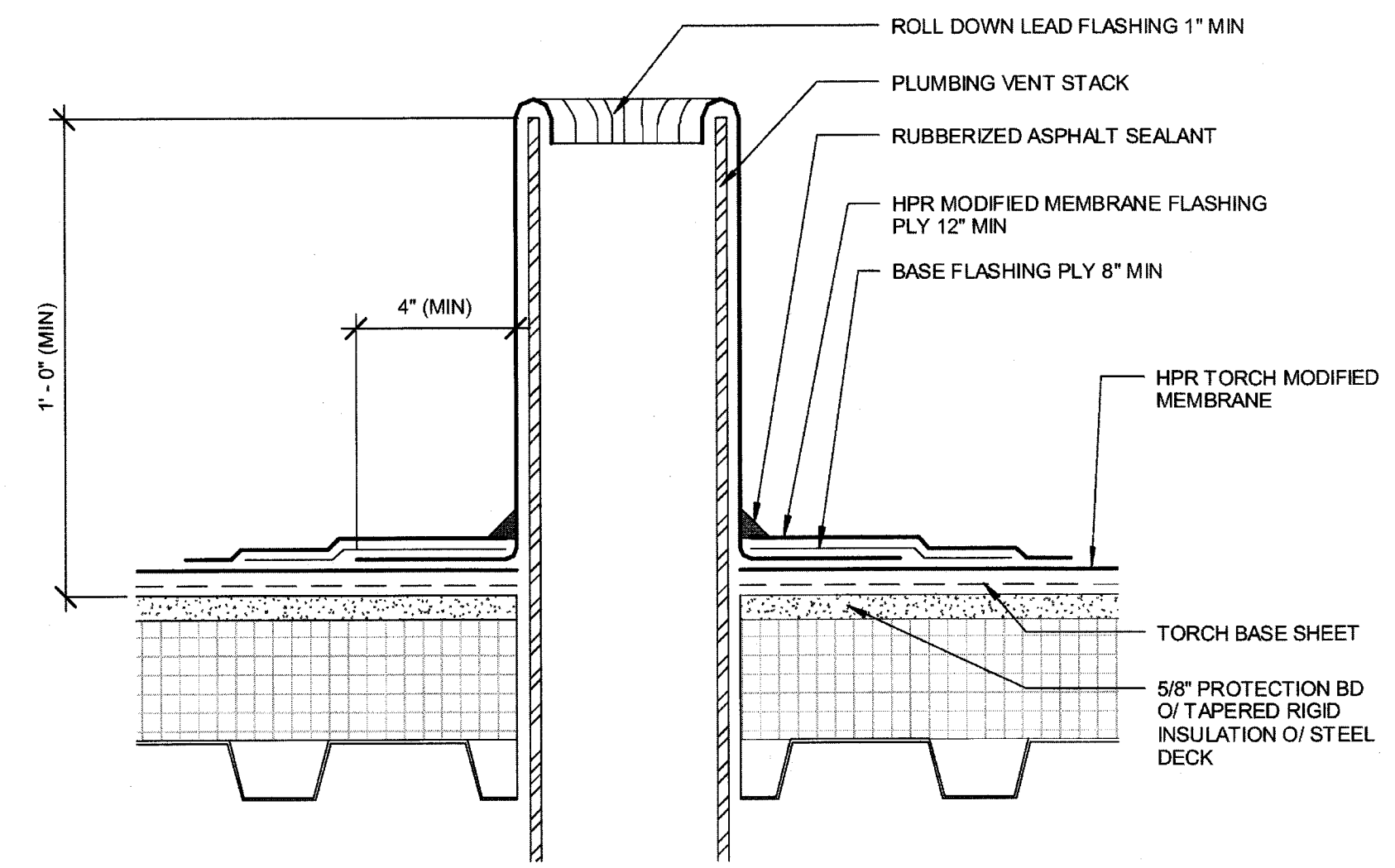


④ MECH EQUIPEMENT STANCHIONS
3" = 1'-0"

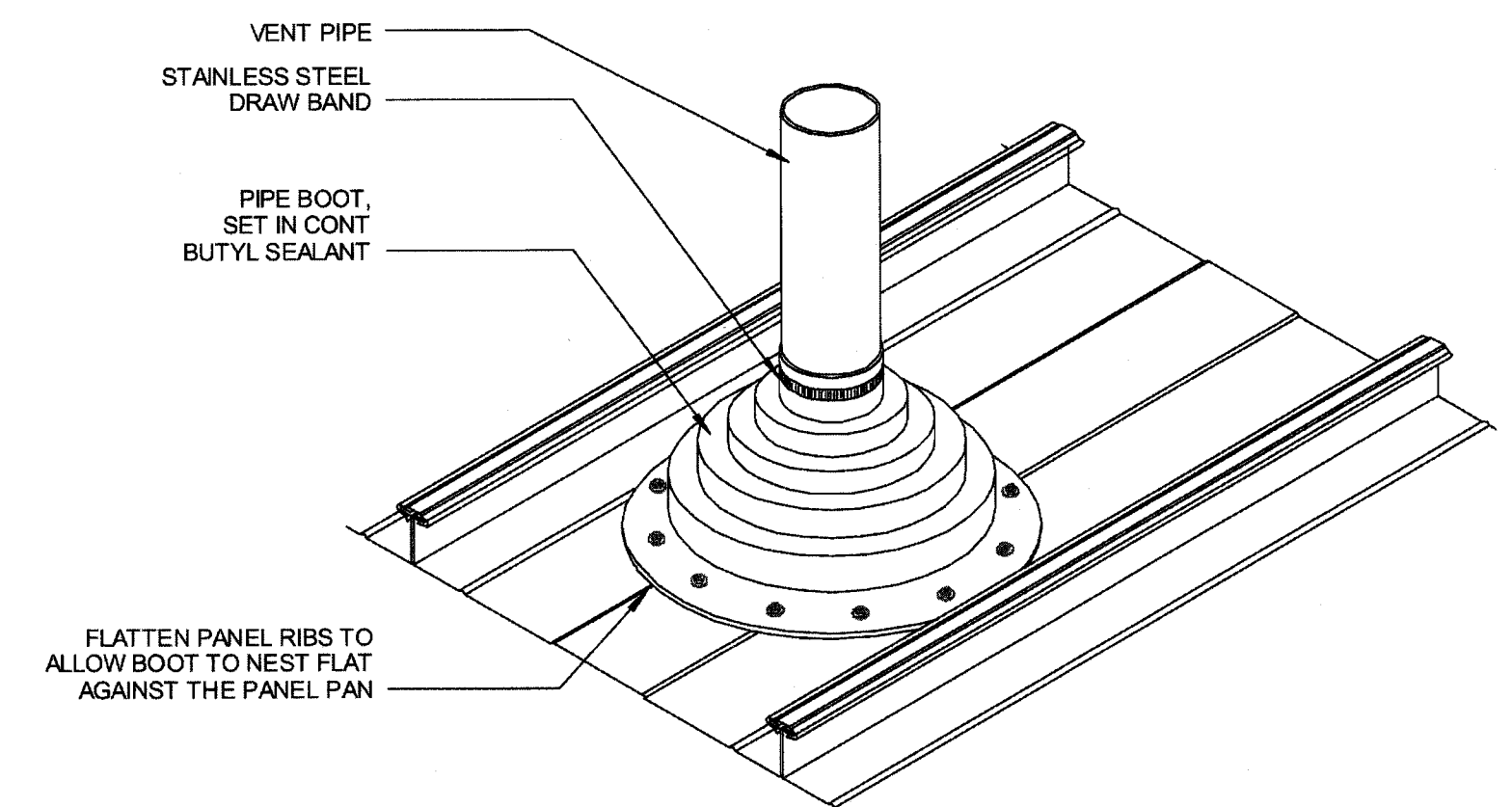


ERECTOR NOTE:
 DRY IN SUBSTRATE WITH ICE AND WATER SHIELD PRIOR TO INSTALLING PANELS. BEGIN INSTALLATION AT EAVE, WORKING UP ROOF SLOPE KEEPING IN MIND TO ALWAYS ALLOW WATER TO SHED PROPERLY. ALL EXPOSED SCREW-TYPE FASTENERS SHALL HAVE NEOPRENE WASHERS. ALL RIVETS SHALL BE WATERPROOF.

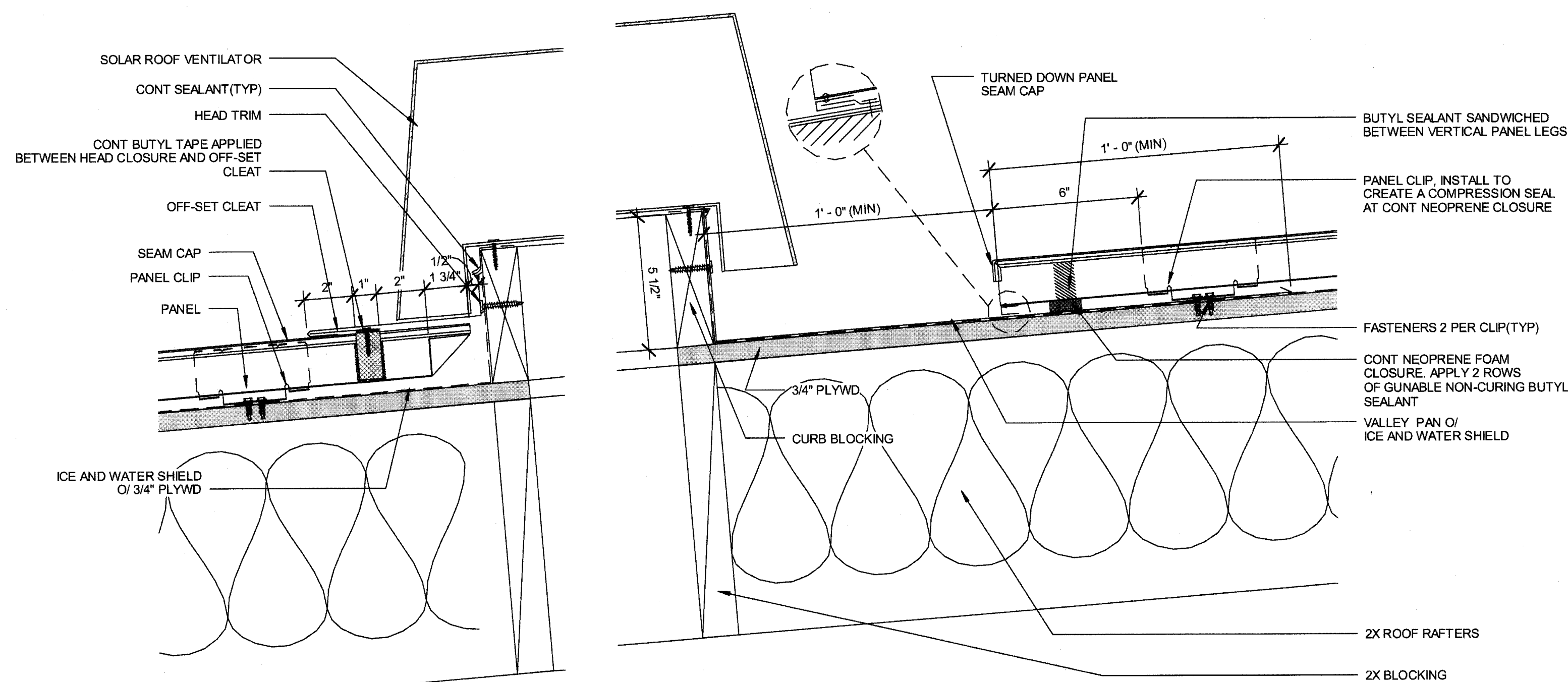
ROOF ATTIC SOLAR VENTILATOR EXPLODED AXON



① TYPICAL VENT PIPE AT MOD BIT ROOF
3" = 1'-0"

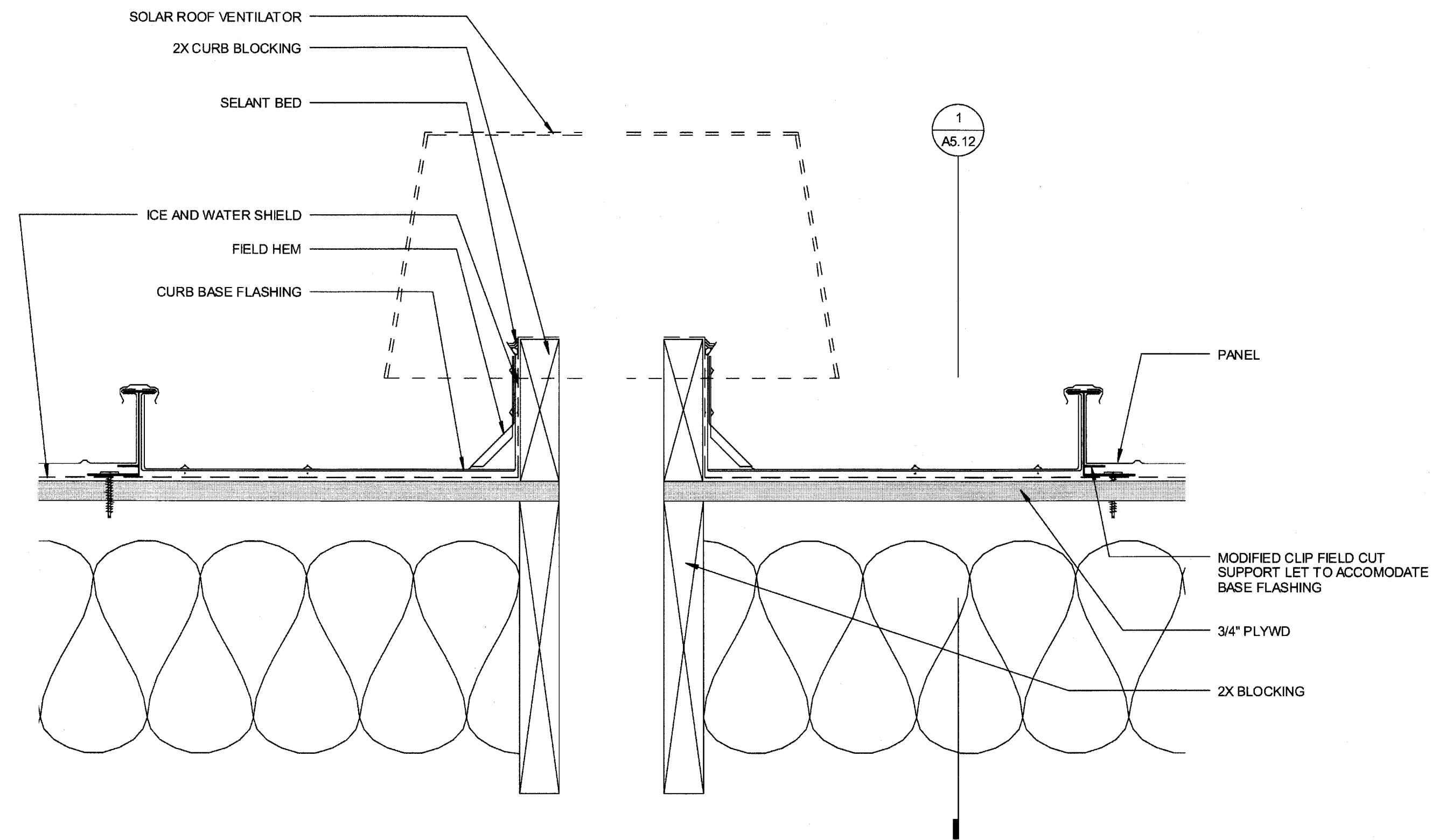


② VENT PIPE AT STANDING SEAM ROOF
A5.11

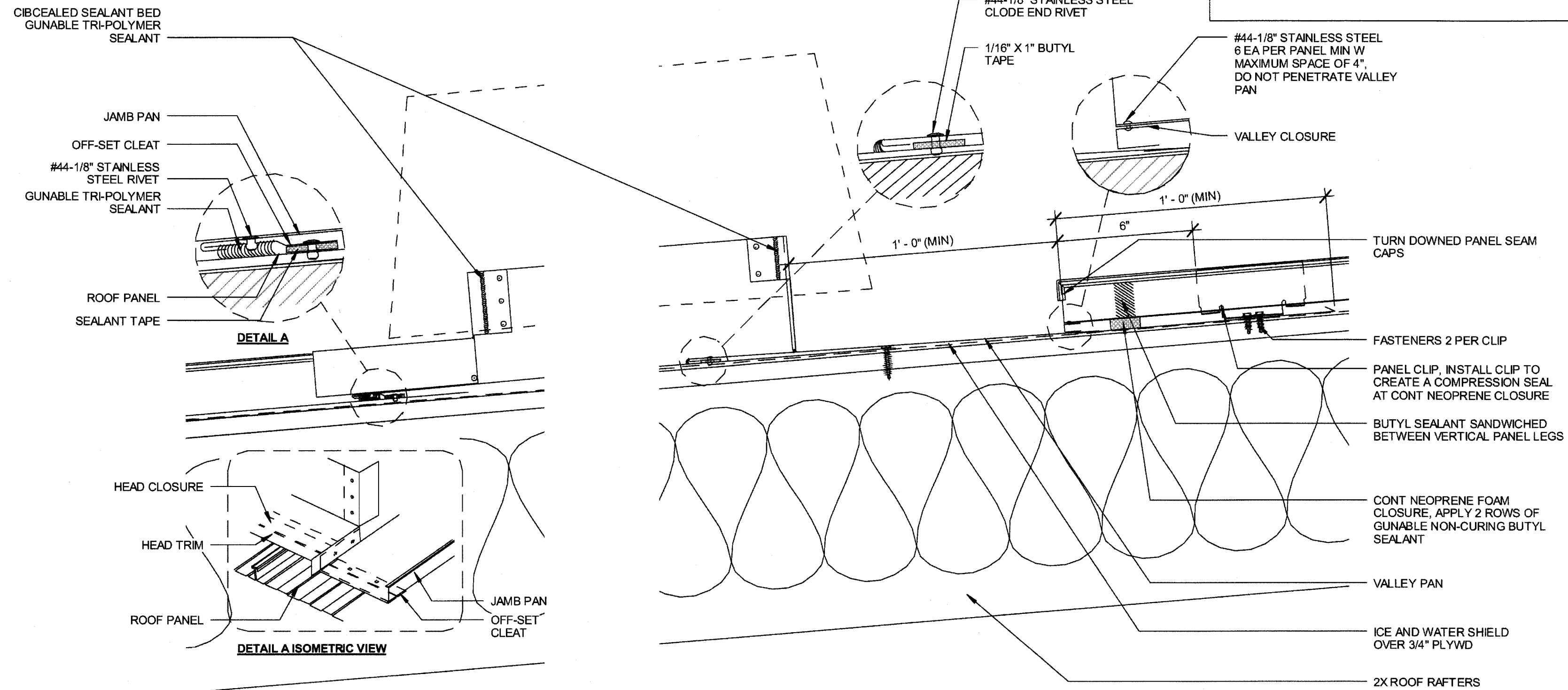


③ ROOF ATTIC SOLAR VENTILATOR LONGITUDINAL SECTION
3" = 1'-0"

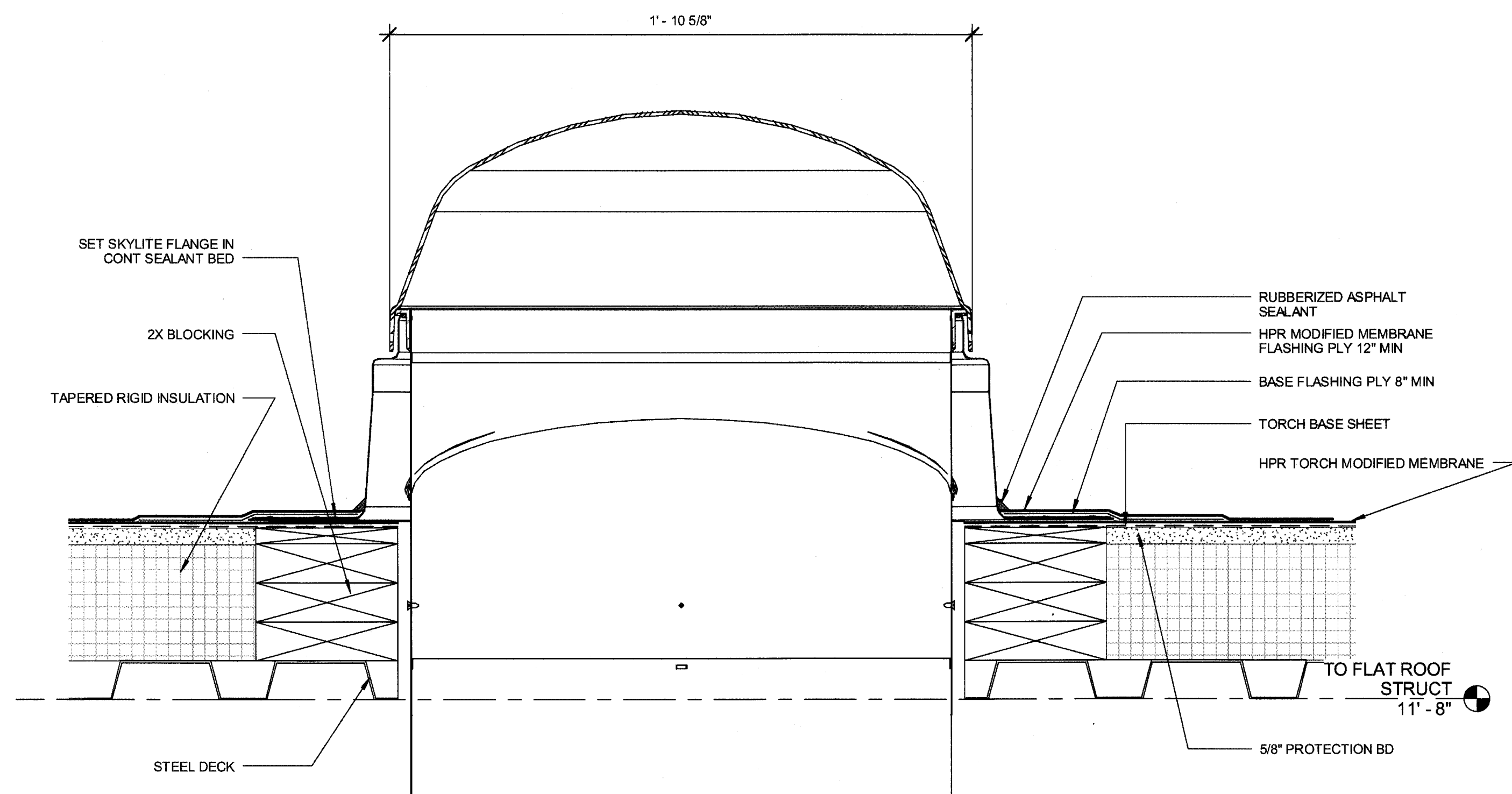
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII					
ROOF DETAILS					
DESIGNED:			SUBMITTED: <i>gc</i>		
DRAWN:			DATE: 03/15/16		
CHECKED:			SCALE:		
APPROVED: <i>[Signature]</i> CHIEF ENGINEER			DATE: MAR 23 2016		DRAWING NO. A5.11



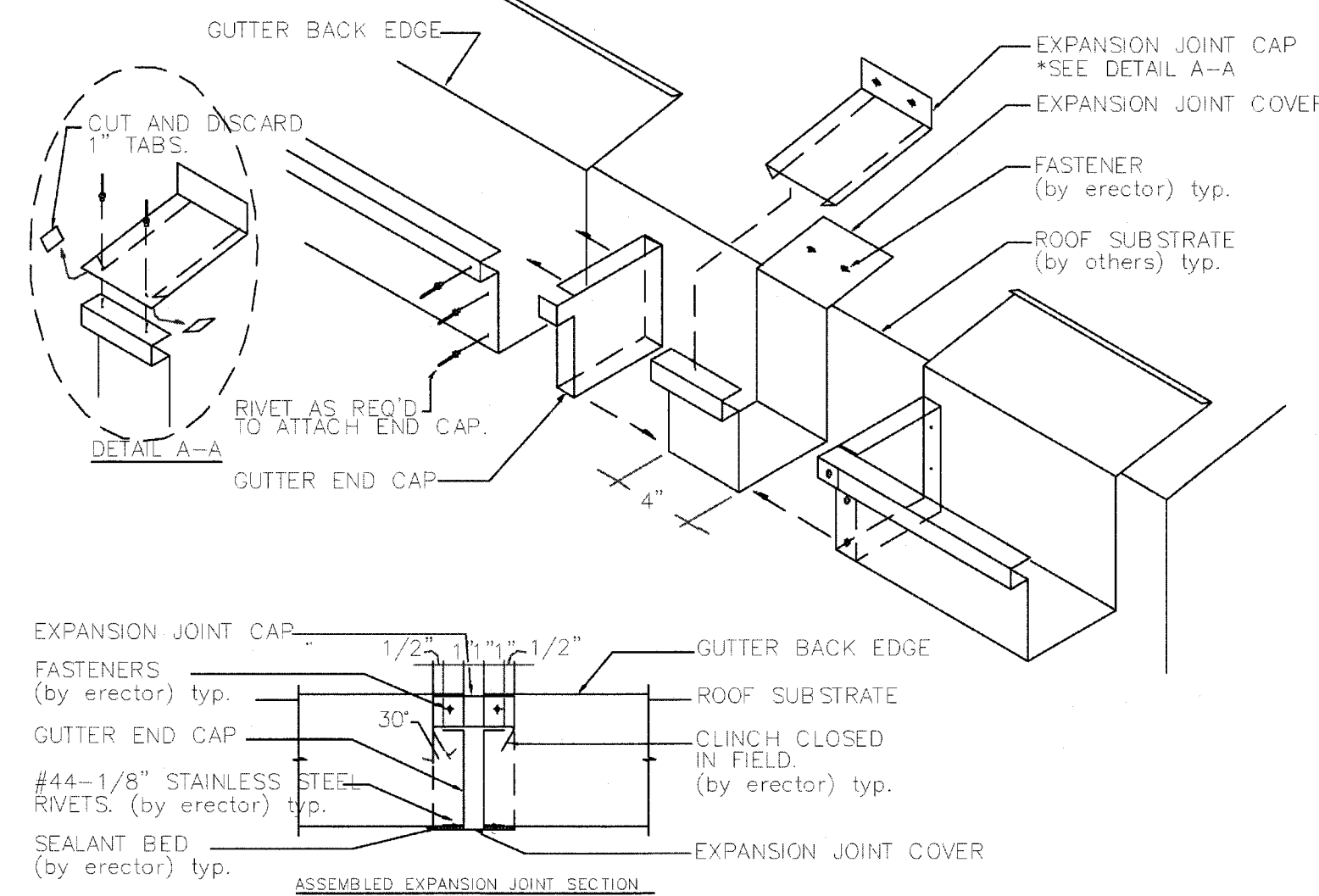
2 ROOF ATTIC SOLAR VENTILATOR CROSS SECTION
3" = 1'-0"



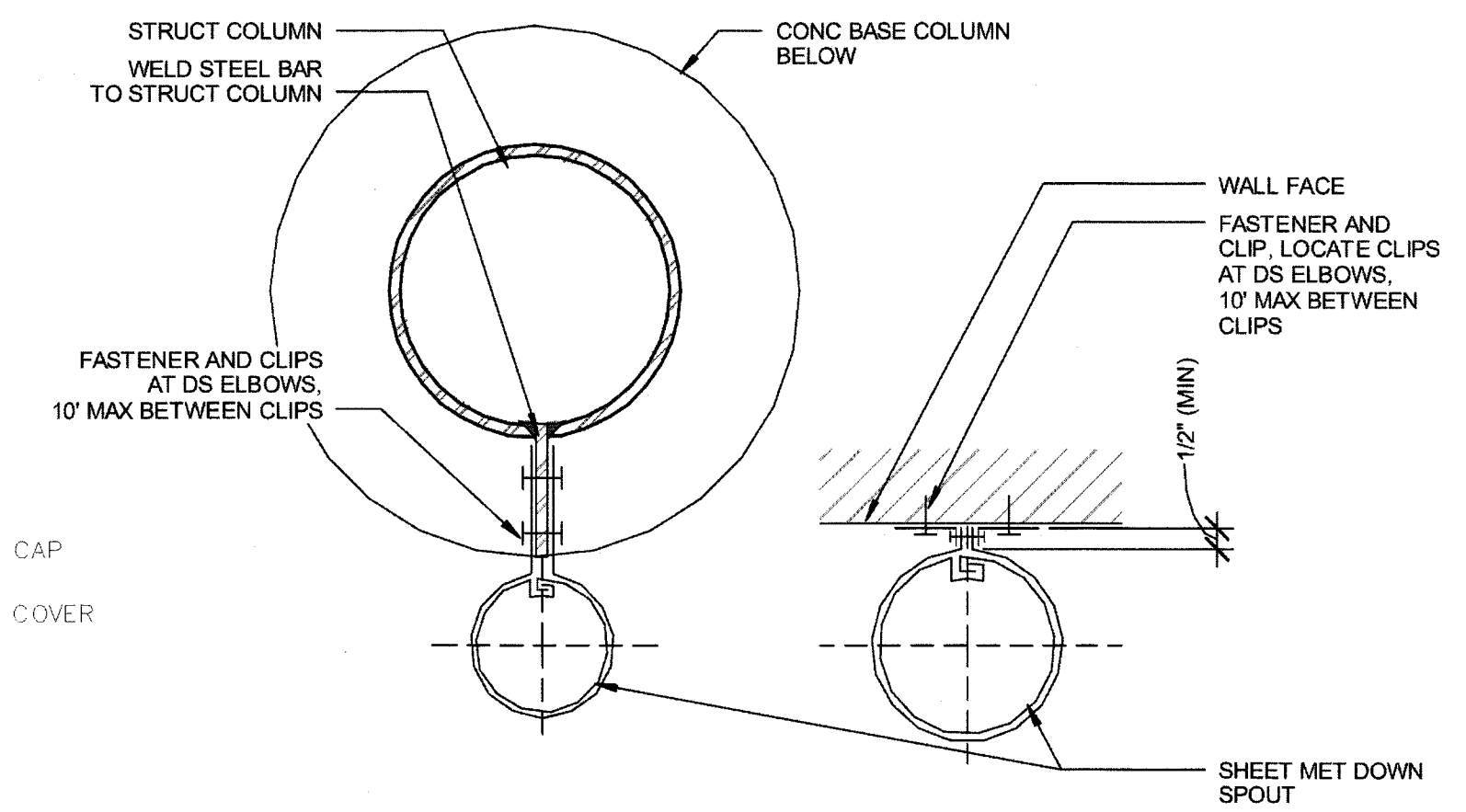
1 ROOF ATTIC SOLAR VENTILATOR LONGITUDINAL SECTION 2
3" = 1'-0"



5 SKYLITE
3" = 1'-0"

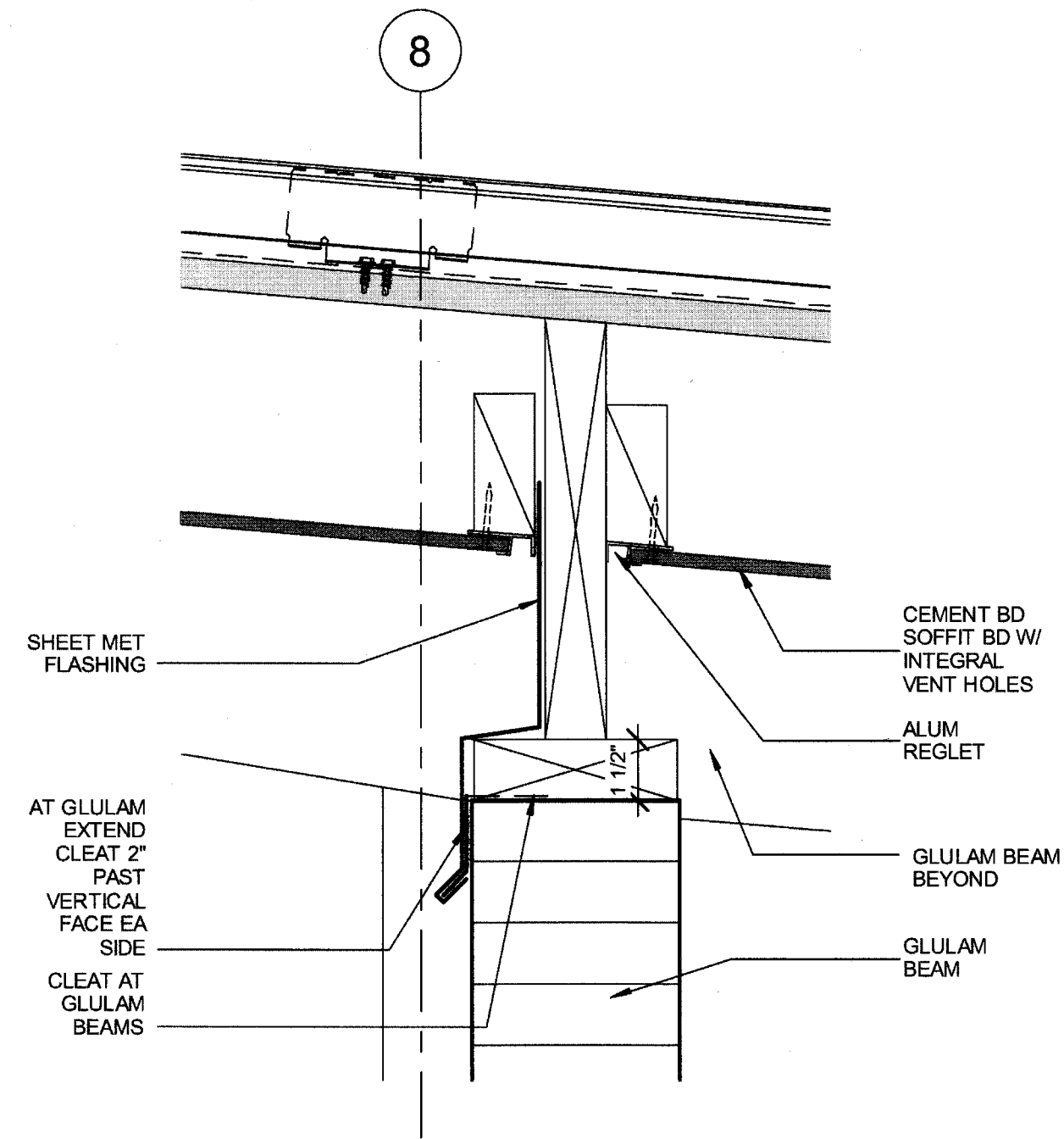


4 GUTTER EXPANSION JOINT
1 1/2" = 1'-0"

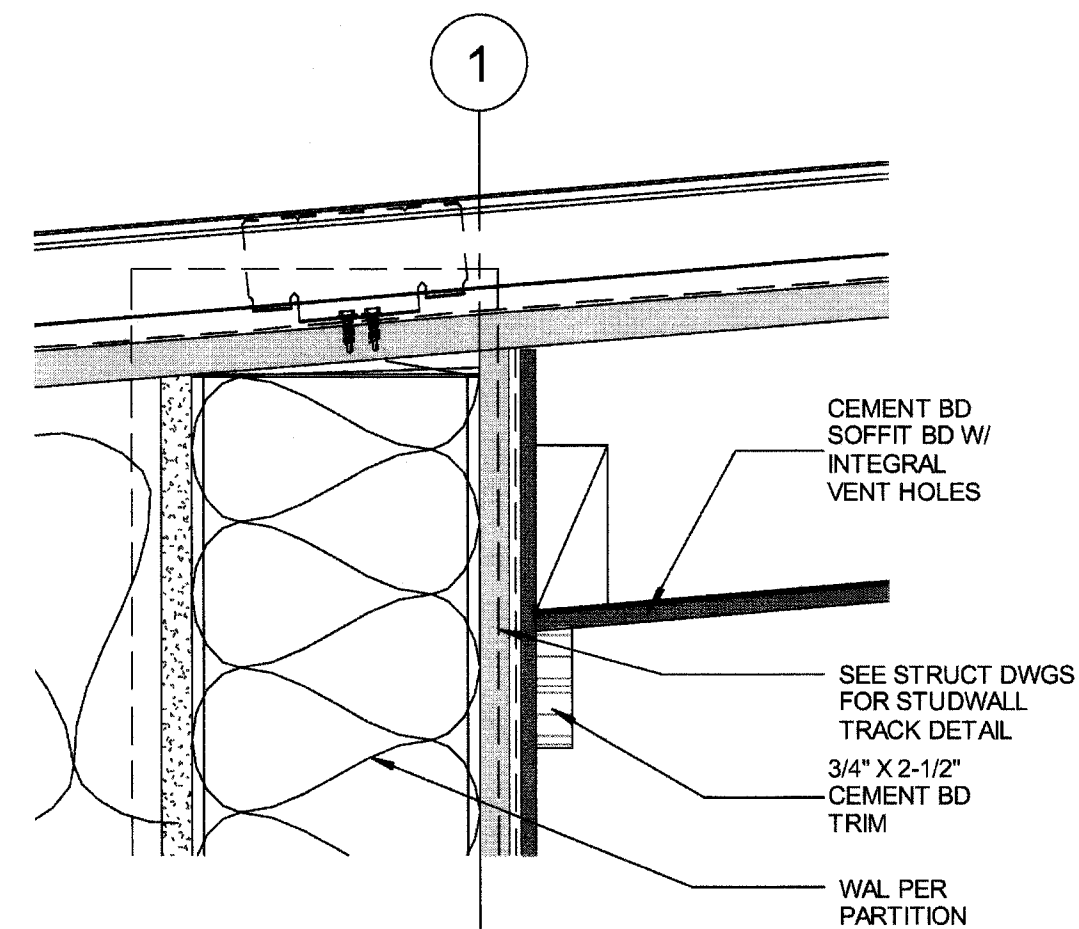


3 DOWN SPOUT
3" = 1'-0"

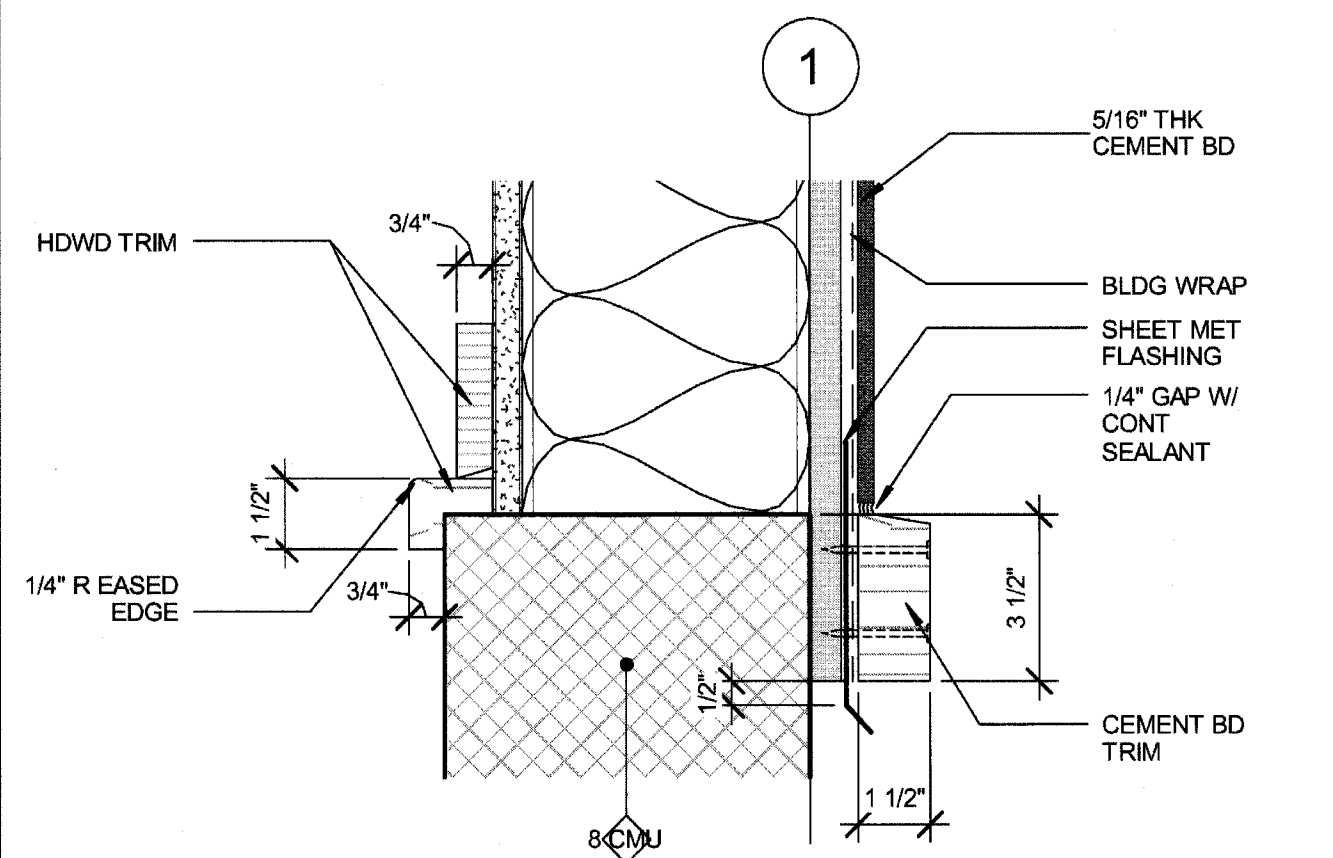
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII ROOF DETAILS					
DESIGNED:		SUBMITTED:		DATE:	
DRAWN:		CHECKED:		SCALE:	
APPROVED:		DATE:		DRAWING NO.	
CHIEF ENGINEER		MAR 23 2016		A5.12	



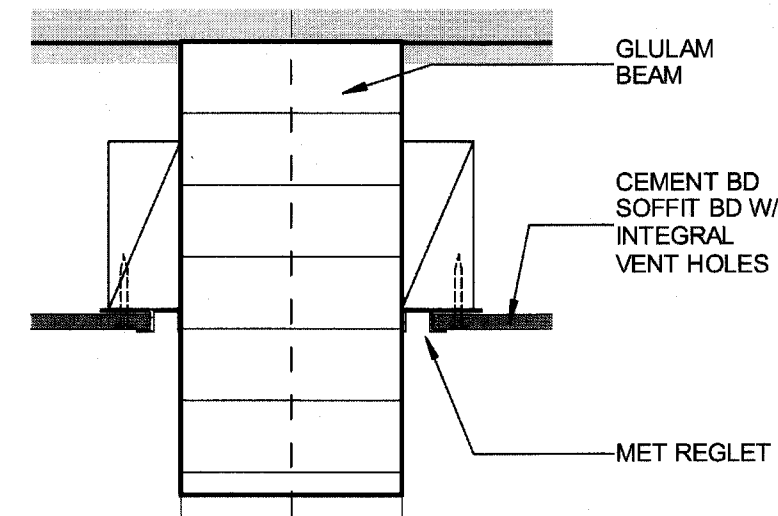
⑧ GLULAM/ROOF
3" = 1'-0"



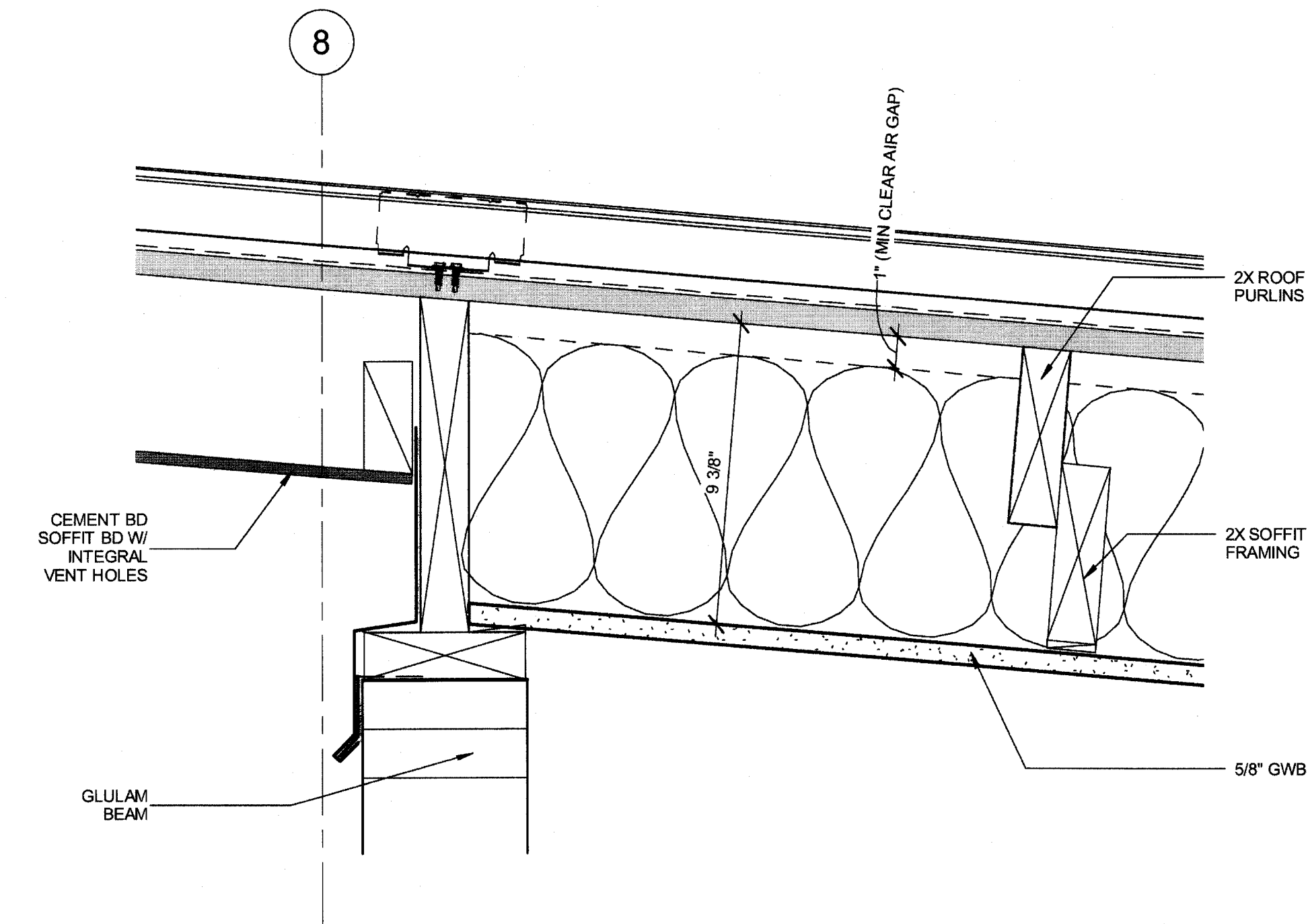
③ WALL/ROOF TRANSITION
3" = 1'-0"



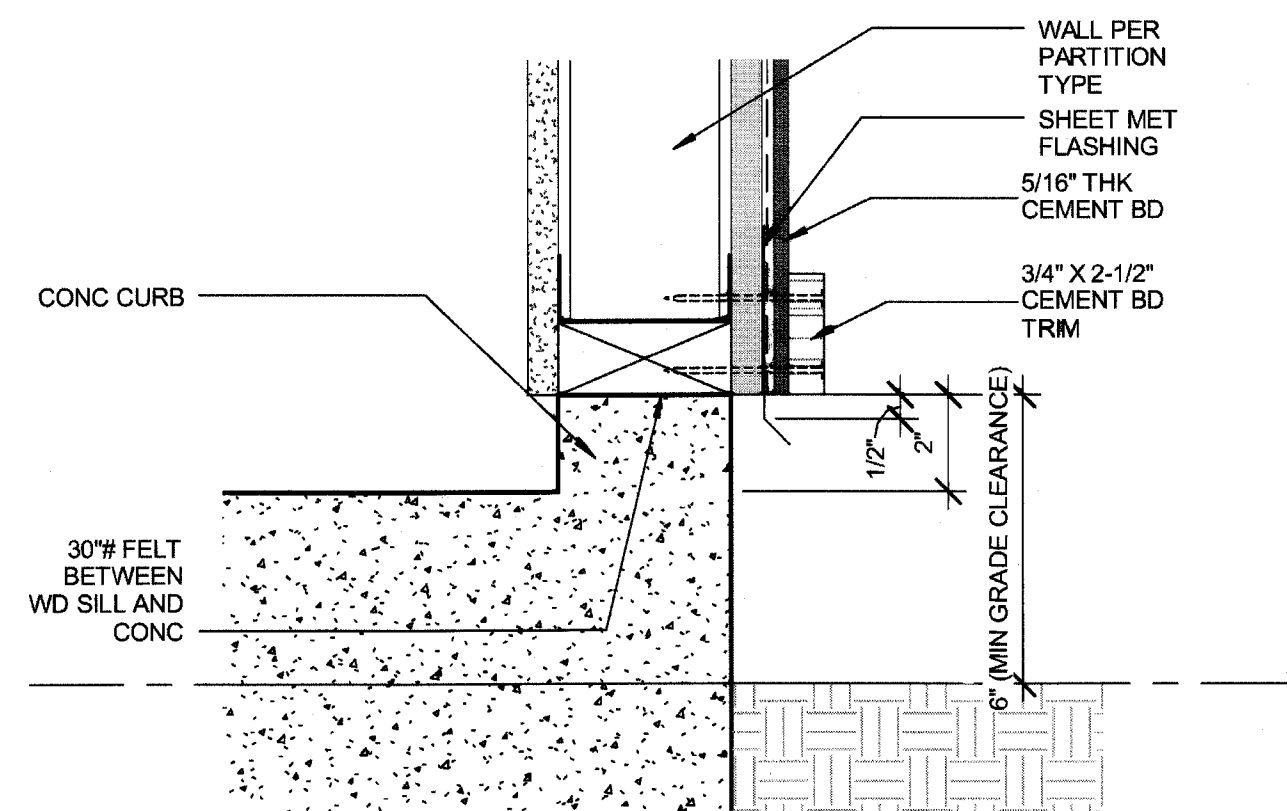
⑦ CMU WALL/CEMENT BOARD SIDING
3" = 1'-0"



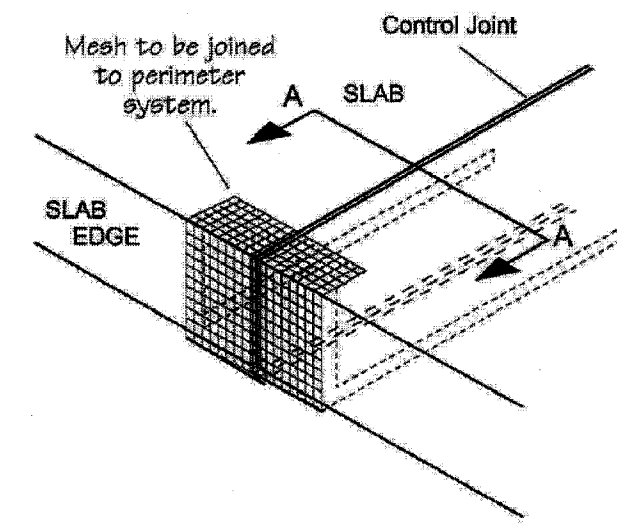
① SOFFIT/GLULAM
3" = 1'-0"



⑧ CEILING WALL TRANSITION
3" = 1'-0"

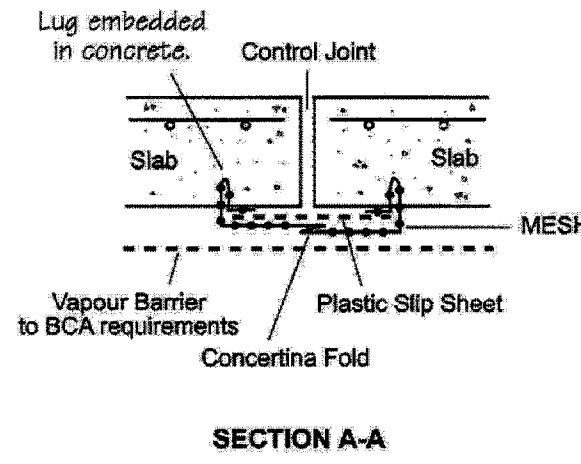


⑥ EXTERIOR STORAGE WALL
3" = 1'-0"

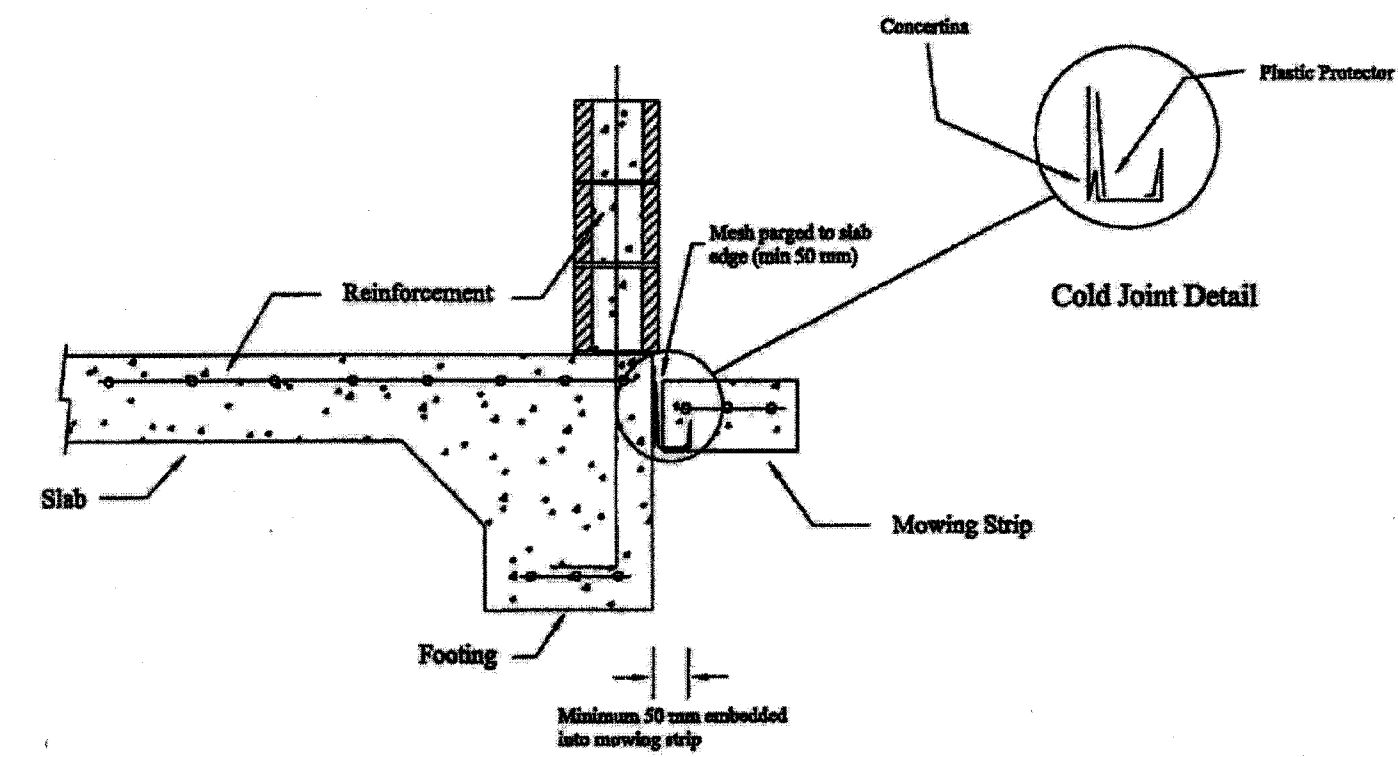


The mesh barrier is installed prior to the concrete pour and turned up at the formboard to be joined to the perimeter barrier.

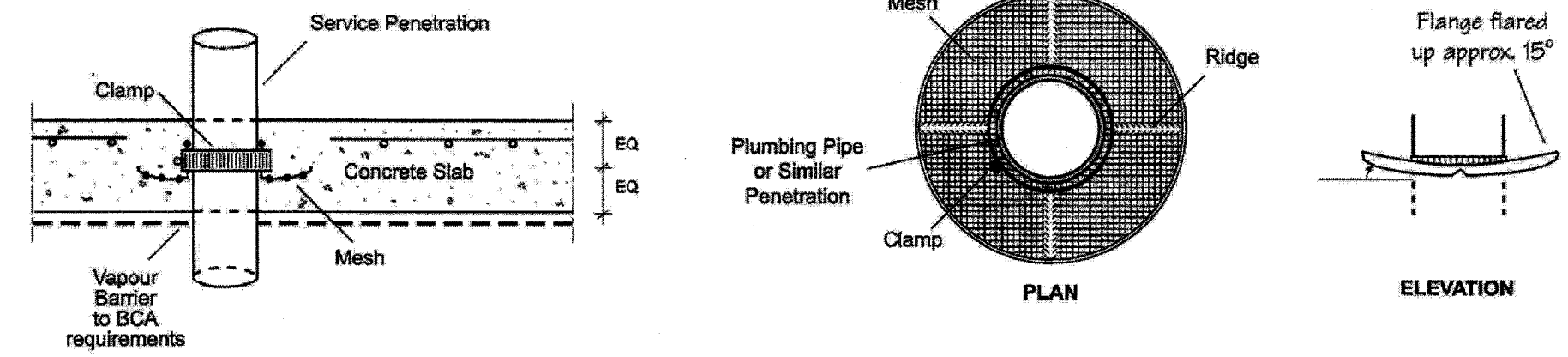
TYPICAL CONC SLAB CONTROL JOINT PROTECTION



SECTION A-A

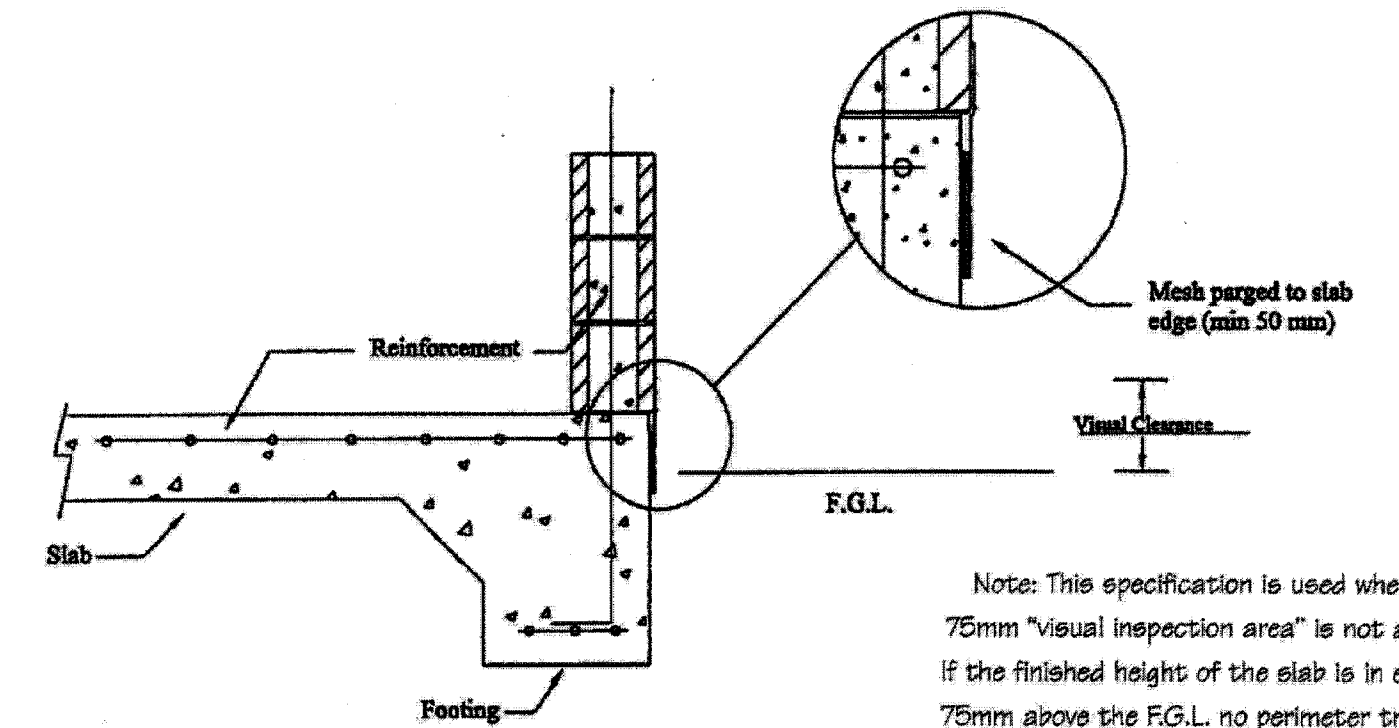


TYPICAL CMU WALL/CONC SIDEWALK PROTECTION



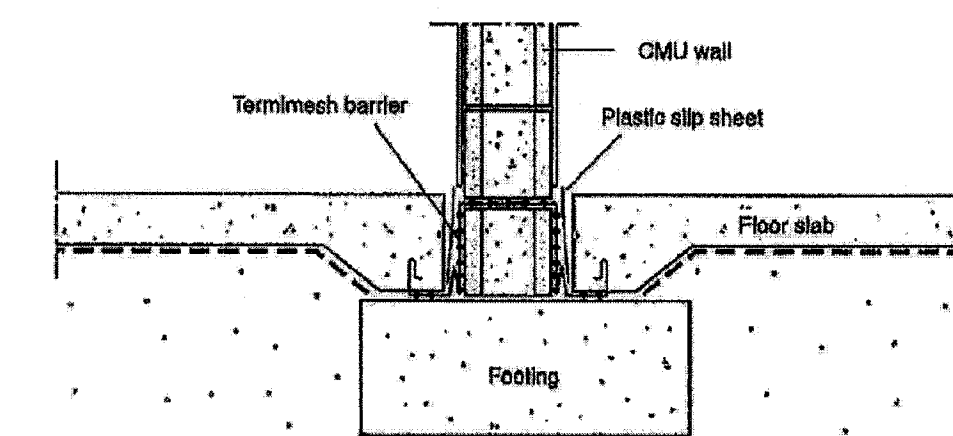
NOTE: The mesh flange is fixed so as not to interfere with the vapour barrier. Ensure the mesh is not in contact with the reinforcing steel. Where necessary, isolate the stainless steel mesh from the reinforcing steel with Territape or parge to prevent contact.

TYPICAL CONC SLAB PENETRATION PROTECTION

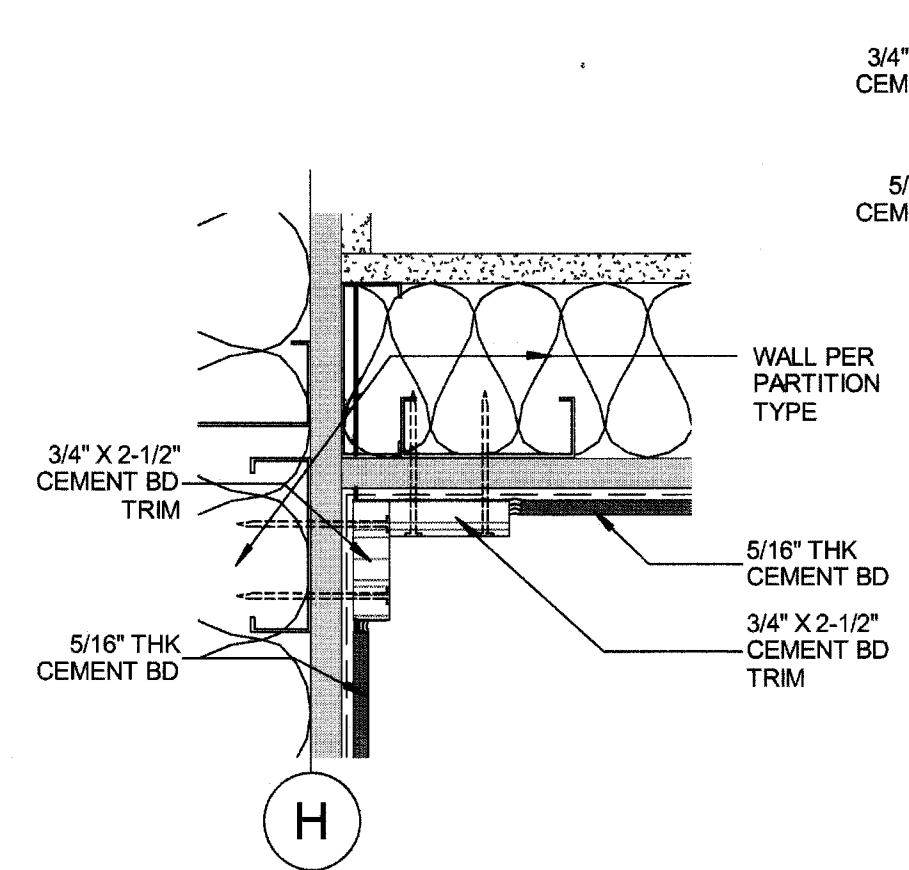


Note: This specification is used where the 75mm "visual inspection area" is not available. If the finished height of the slab is in excess of 75mm above the F.G.L. no perimeter treatment is required unless render is to be applied.

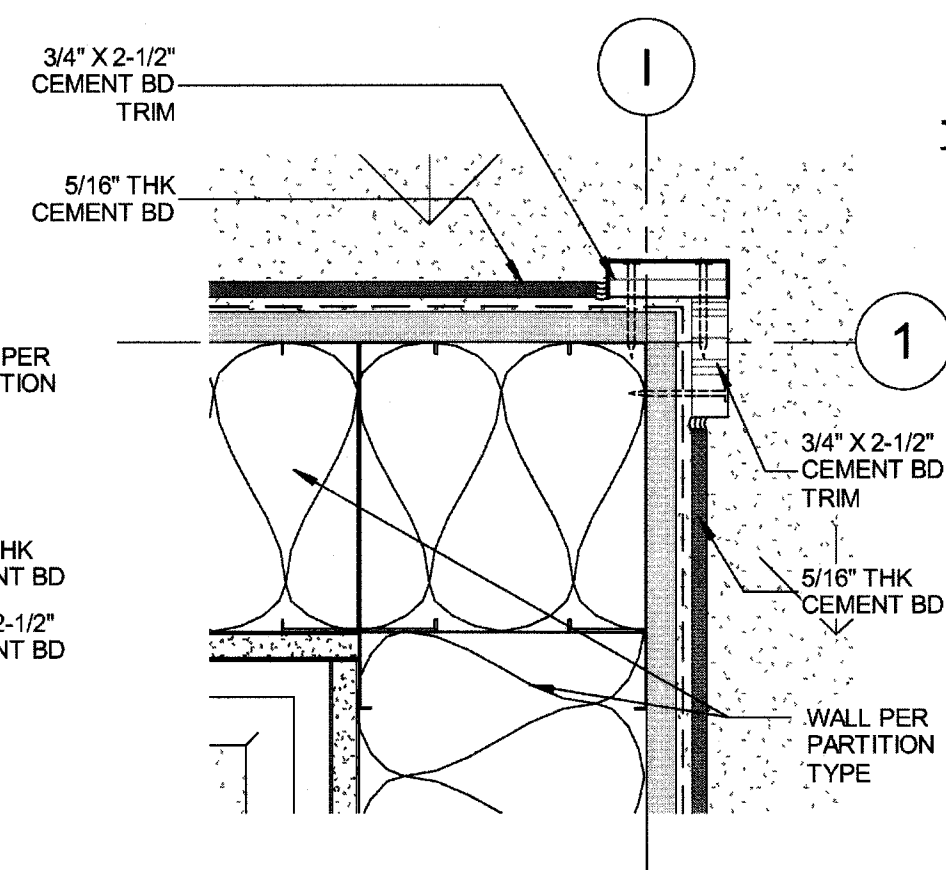
TYPICAL CMU WALL PROTECTION



TYPICAL INTERIOR CMU WALL PROTECTION

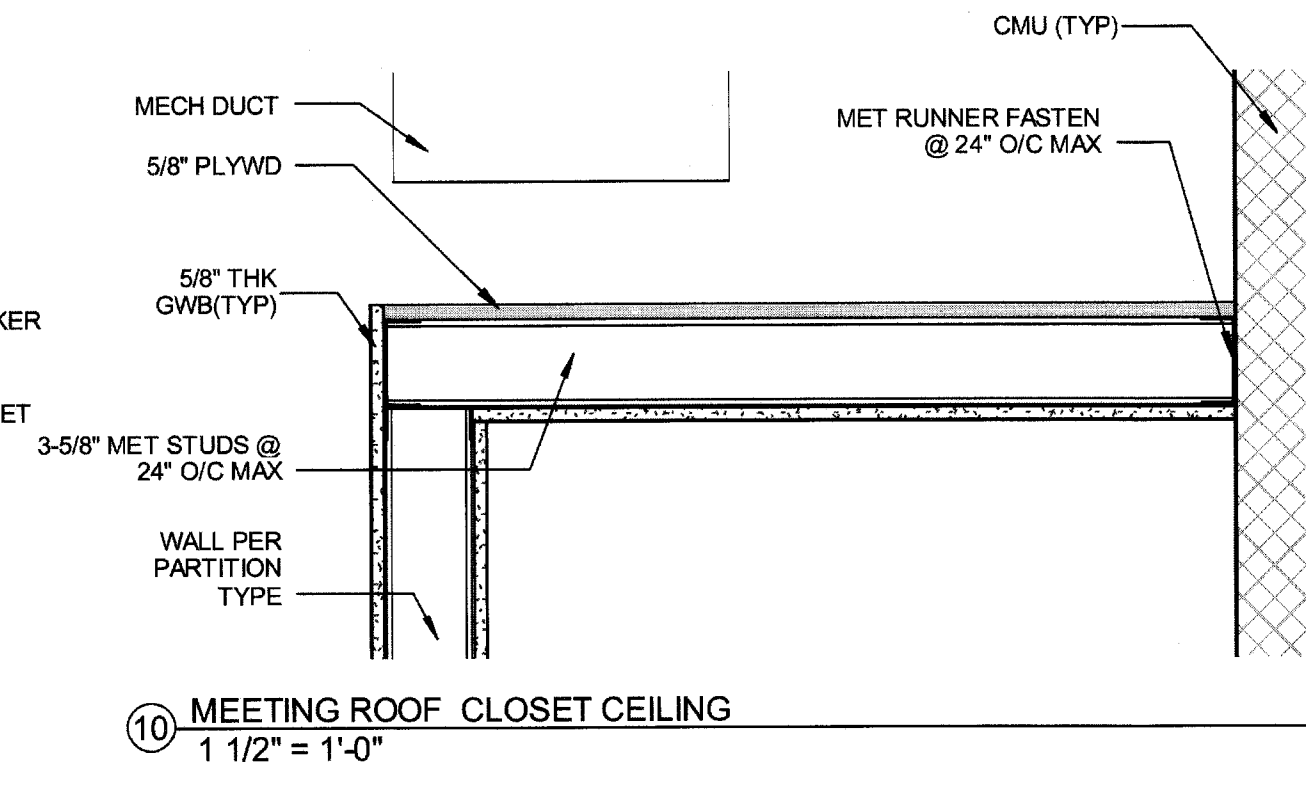
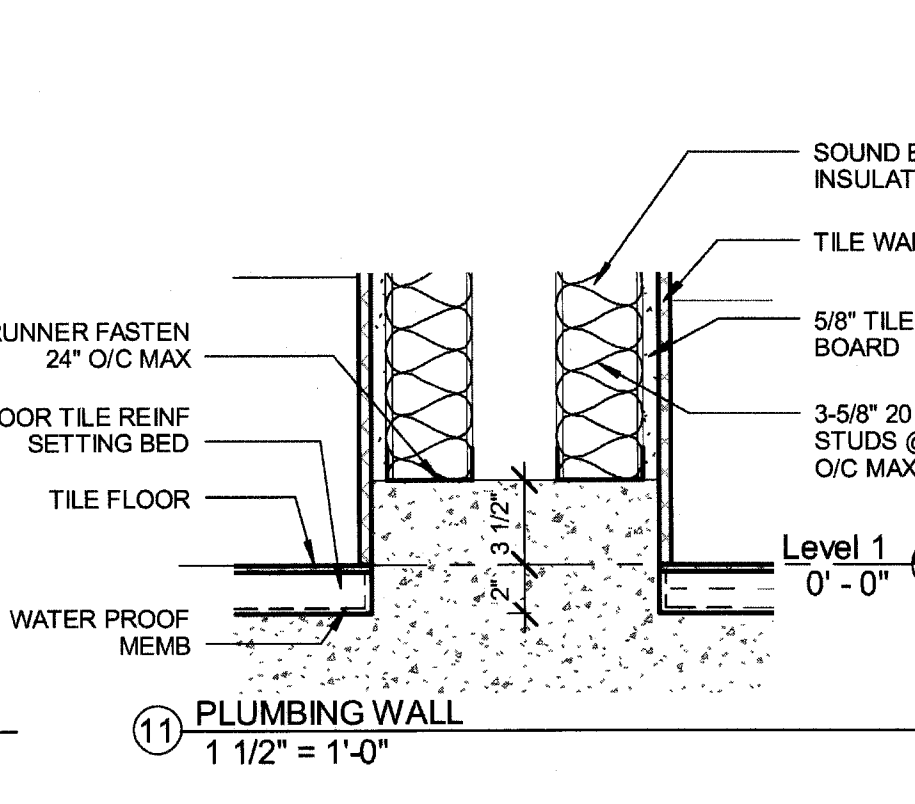
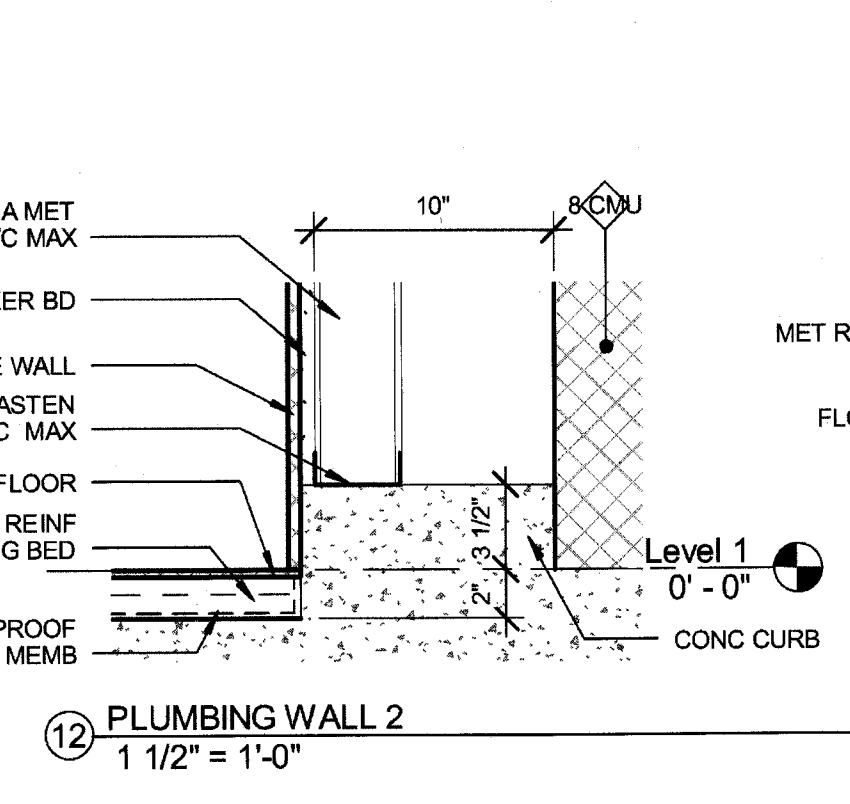
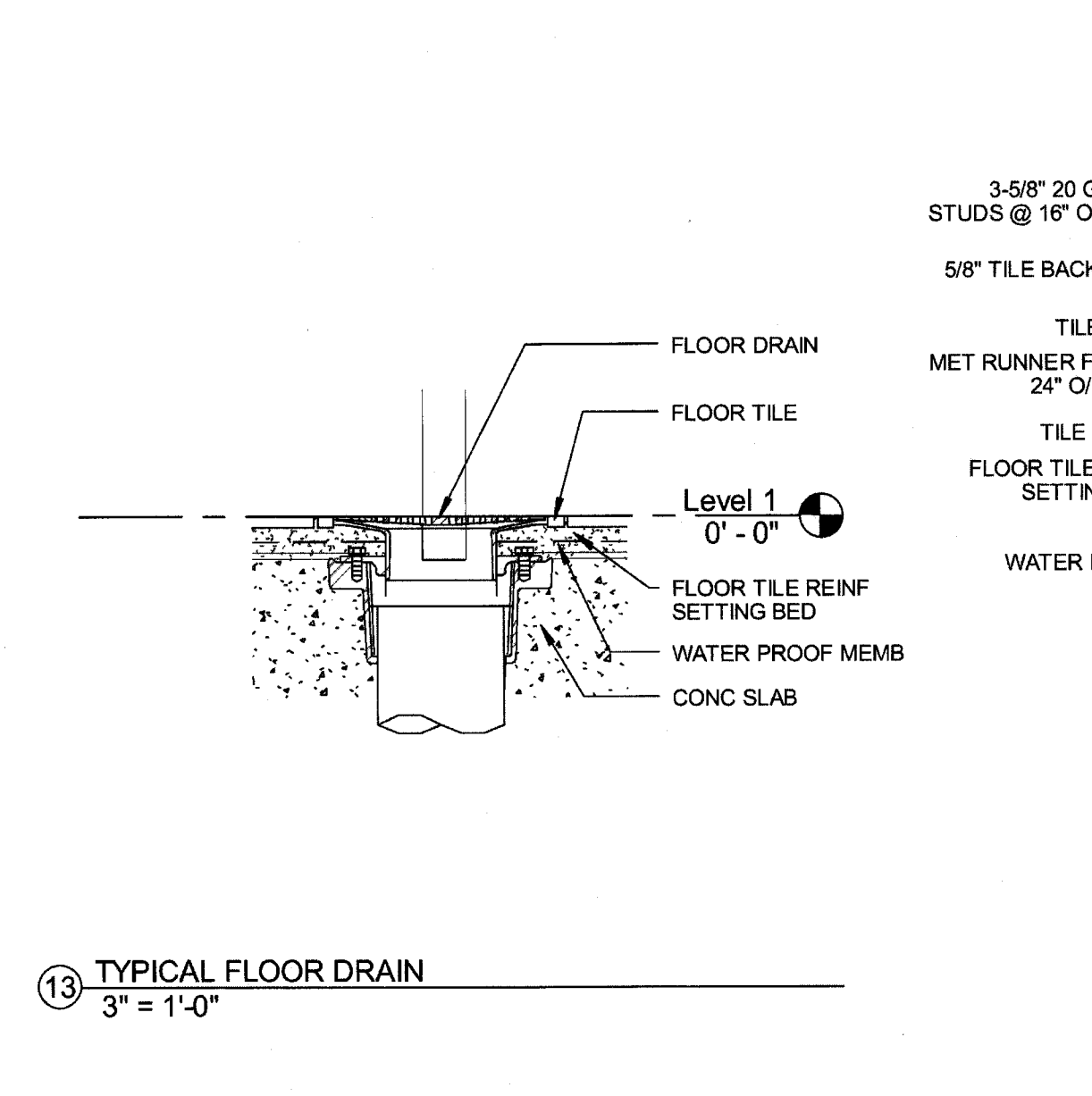
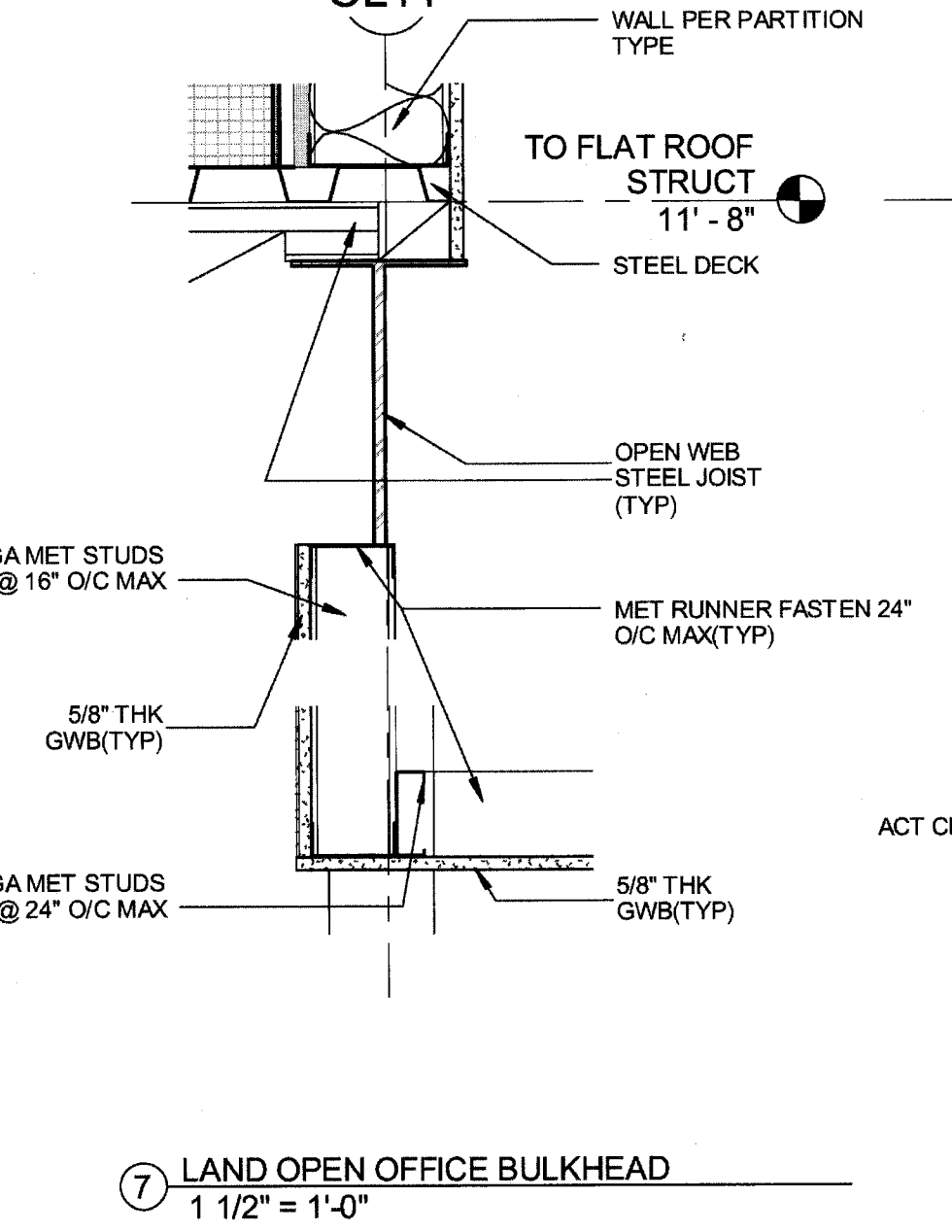
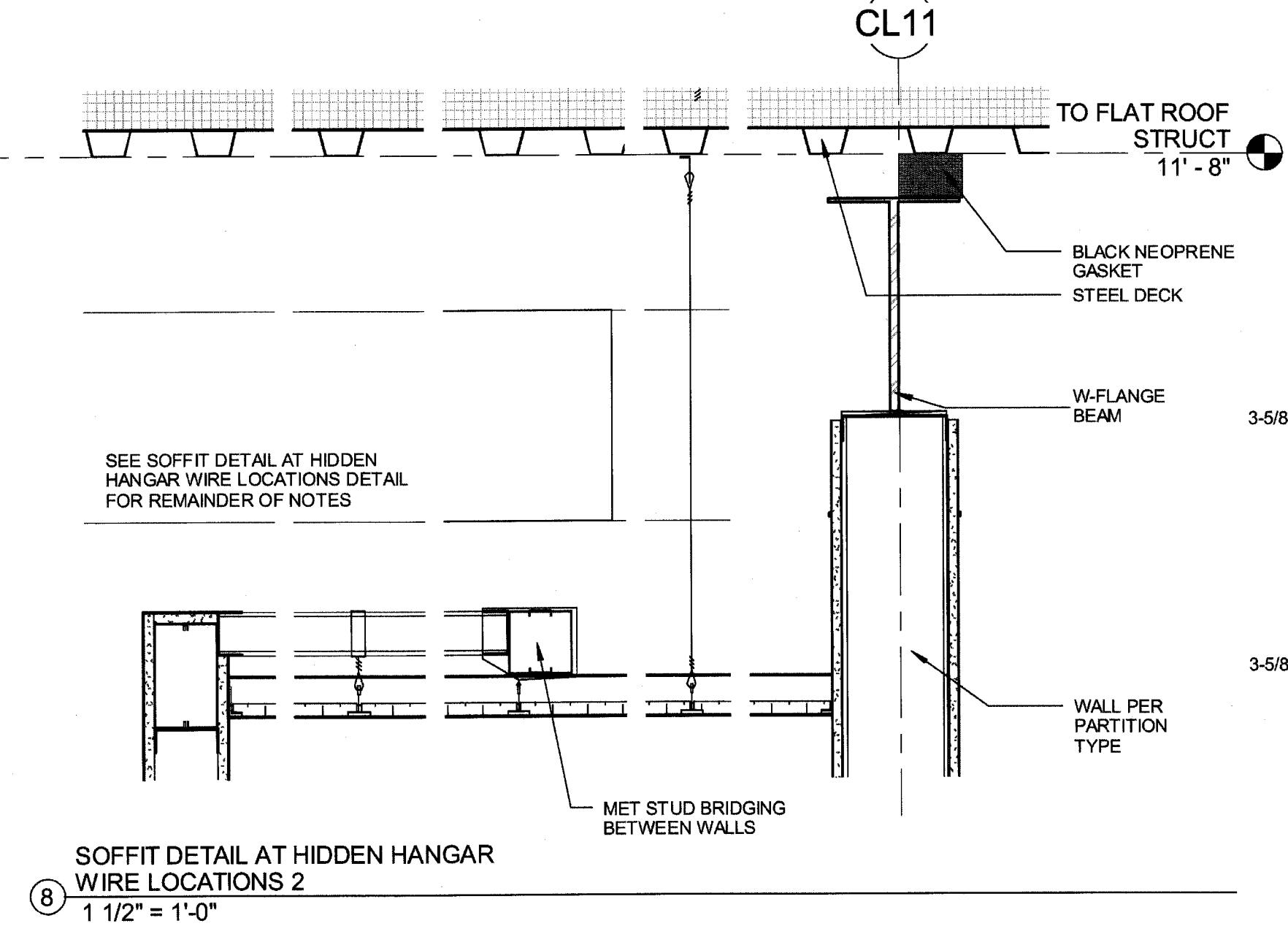
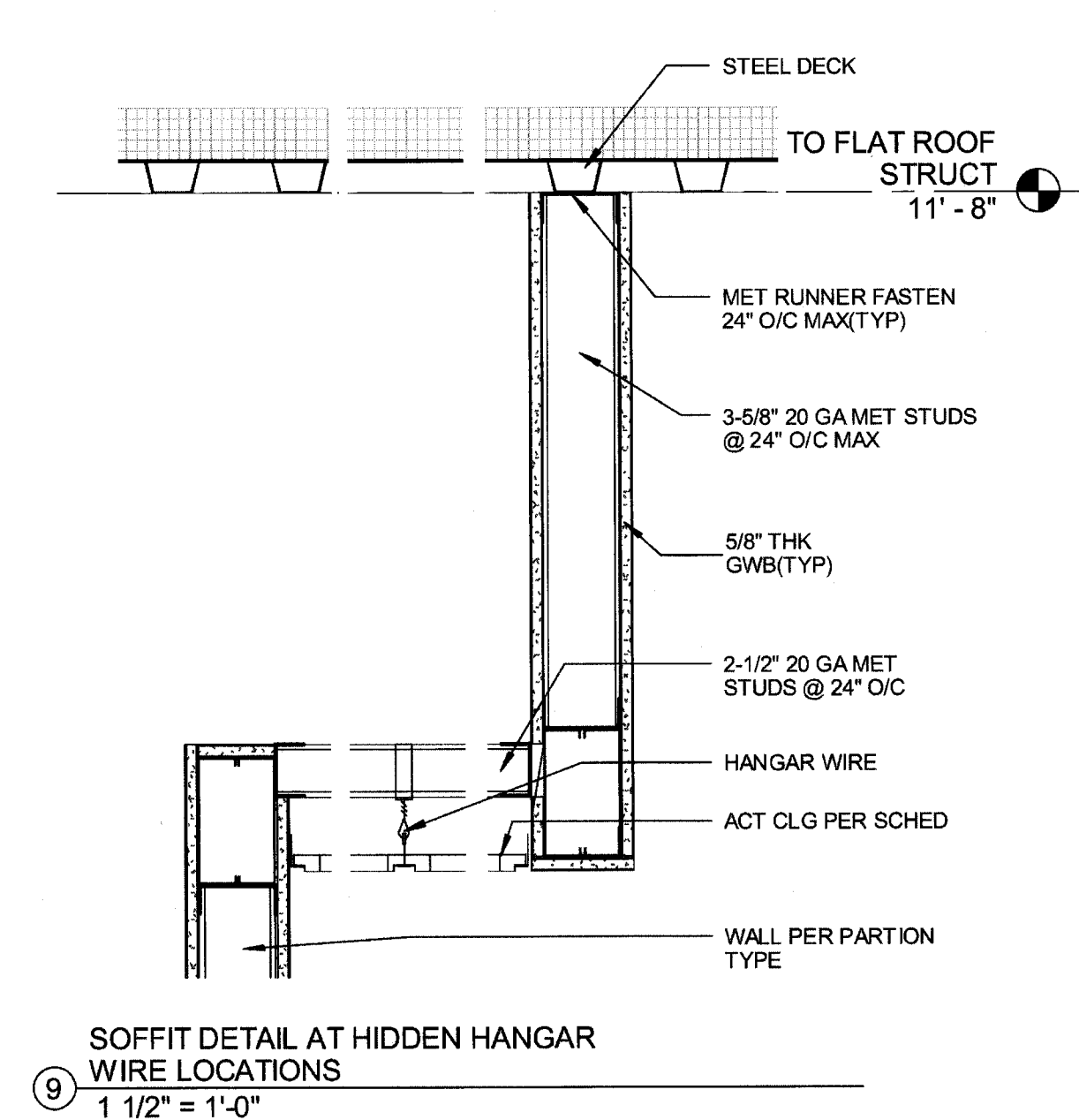
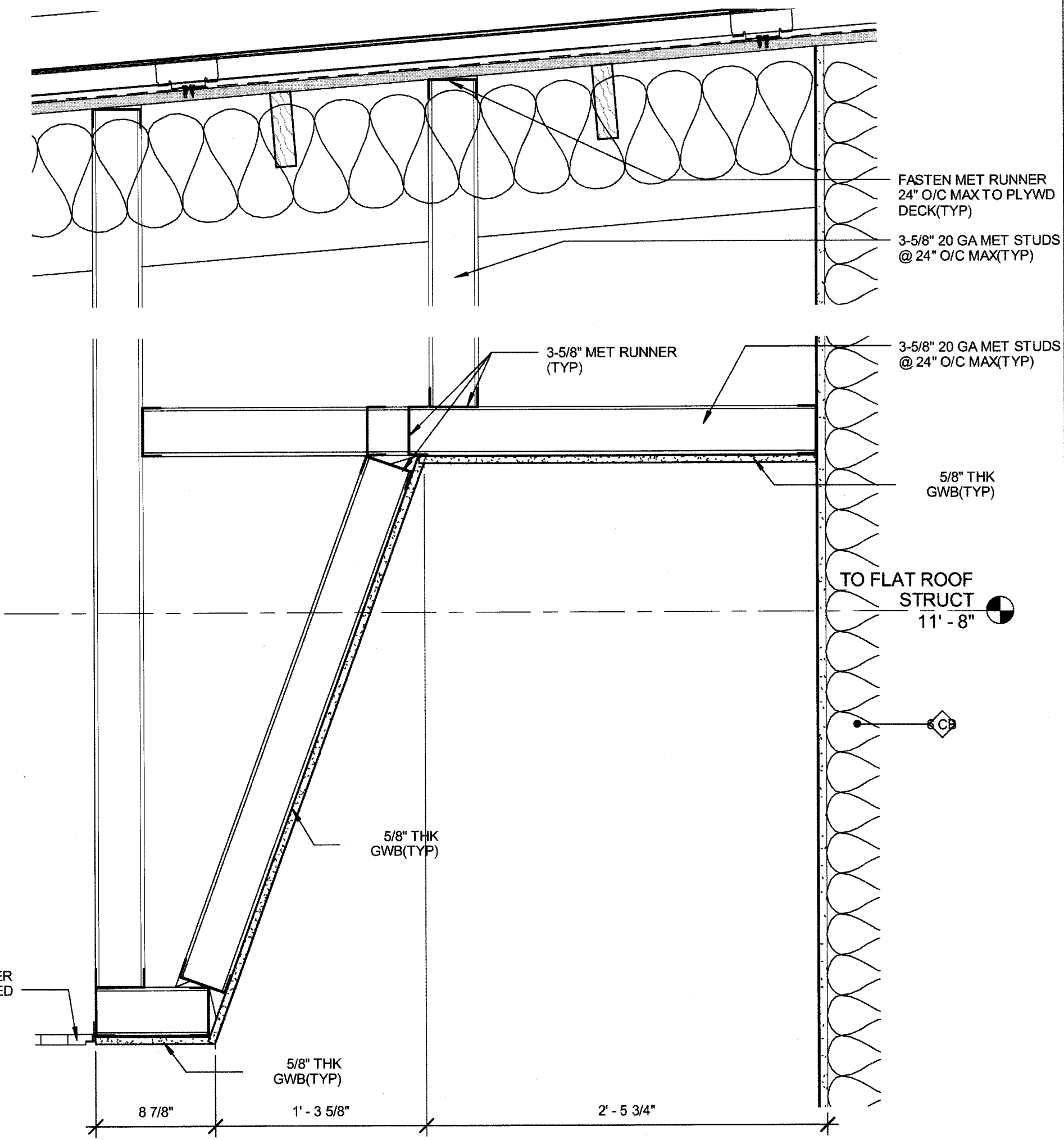
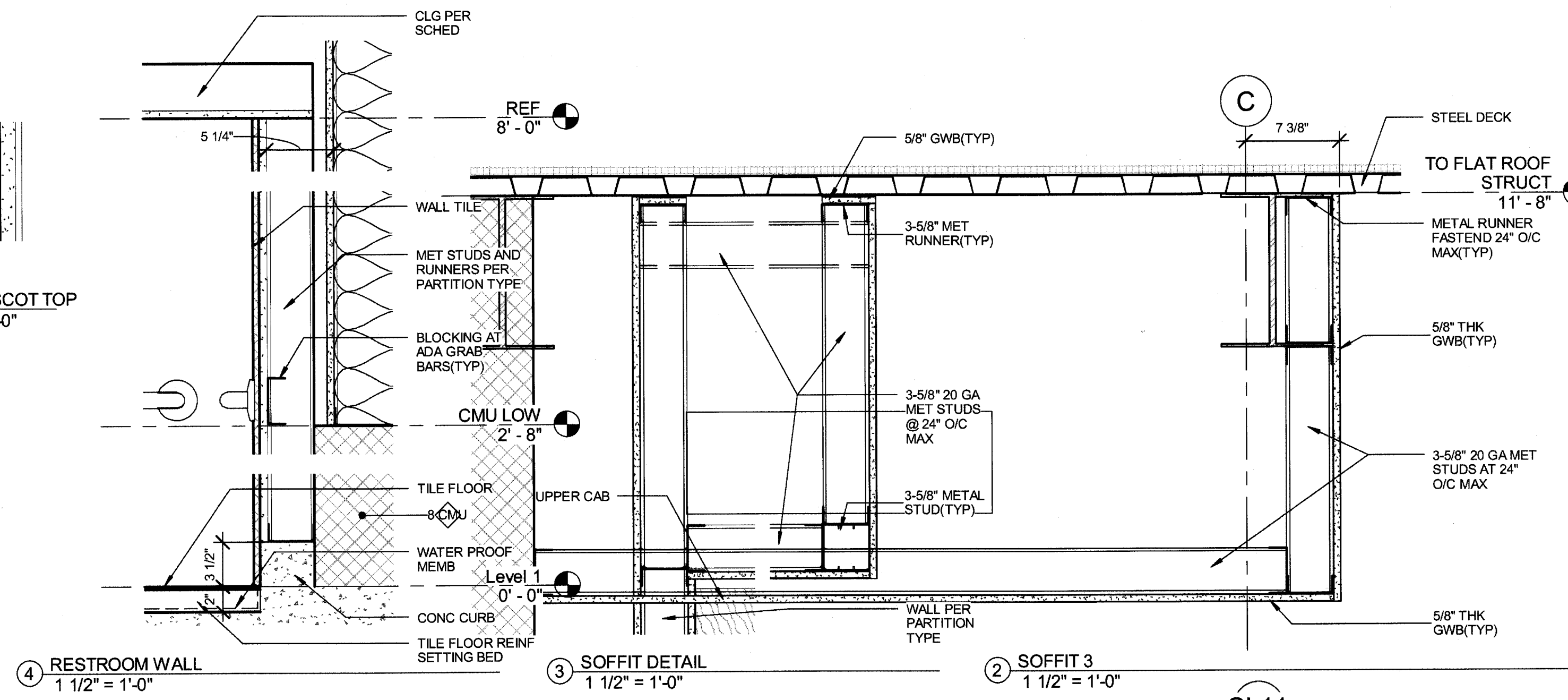
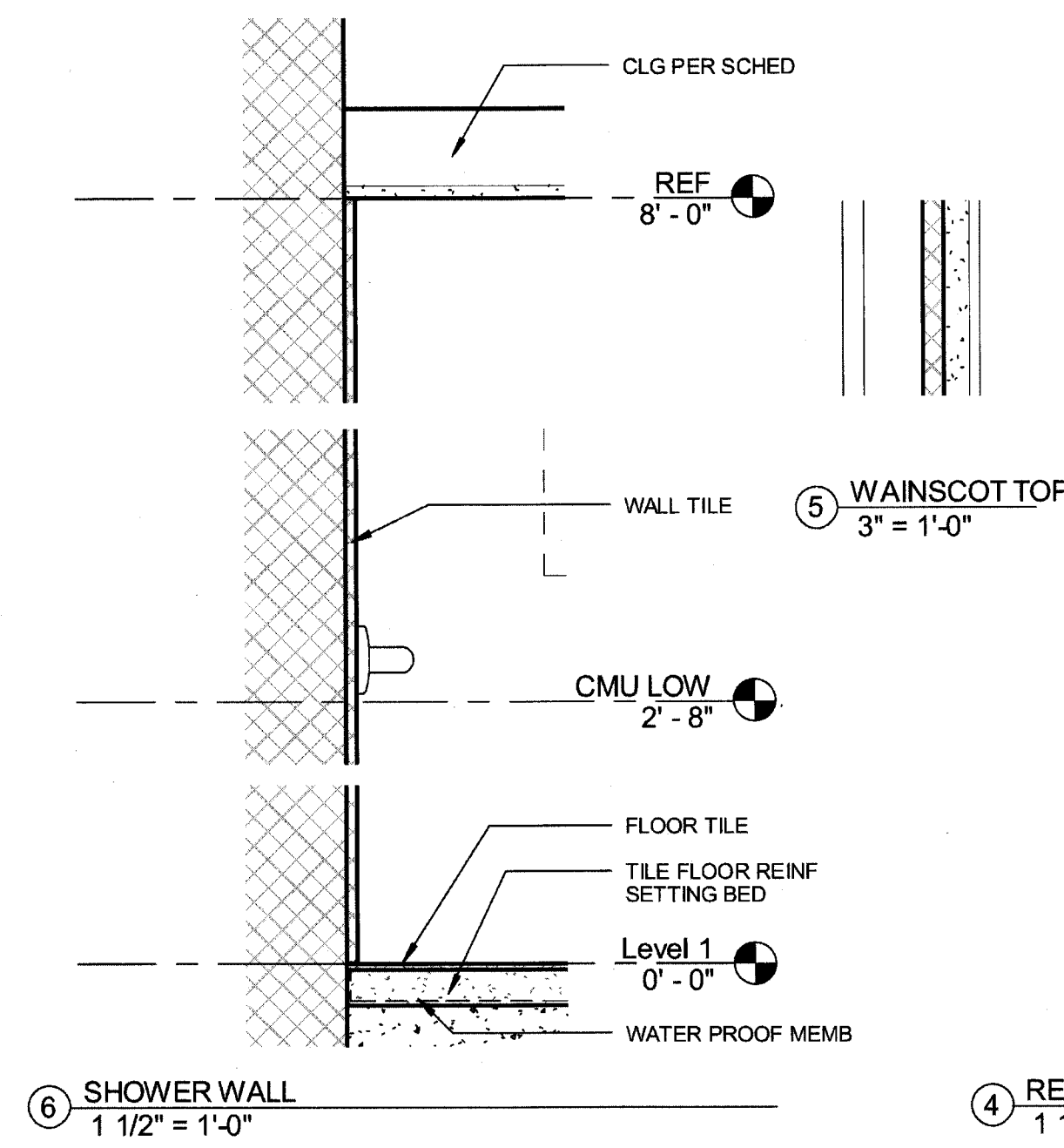


⑤ TYPICAL CEMENT BD SIDING INSIDE CORNER
3" = 1'-0"



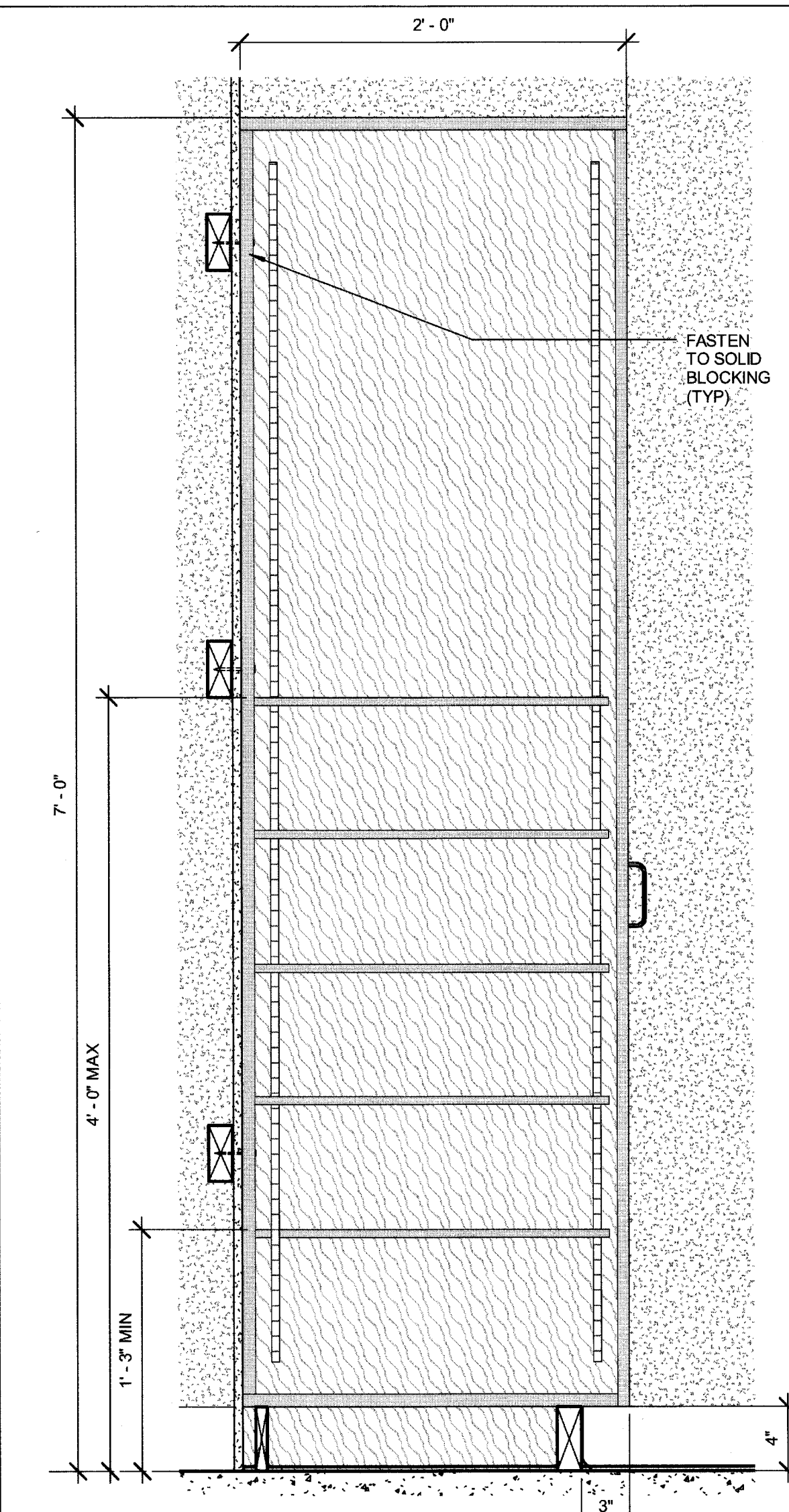
④ TYPICAL CEMENT BD SIDING OUTSIDE CORNER
3" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII					
TERMITE CONTROL BARRIER SYSTEM/MISC DETAILS					
DESIGNED:			SUBMITTED:	gc	
DRAWN:			DATE:	03/15/16	
CHECKED:			SCALE:		
APPROVED:	<i>Cyly</i> CHIEF ENGINEER		DATE:	MAR 23 2016	
DRAWING NO.					A5.13

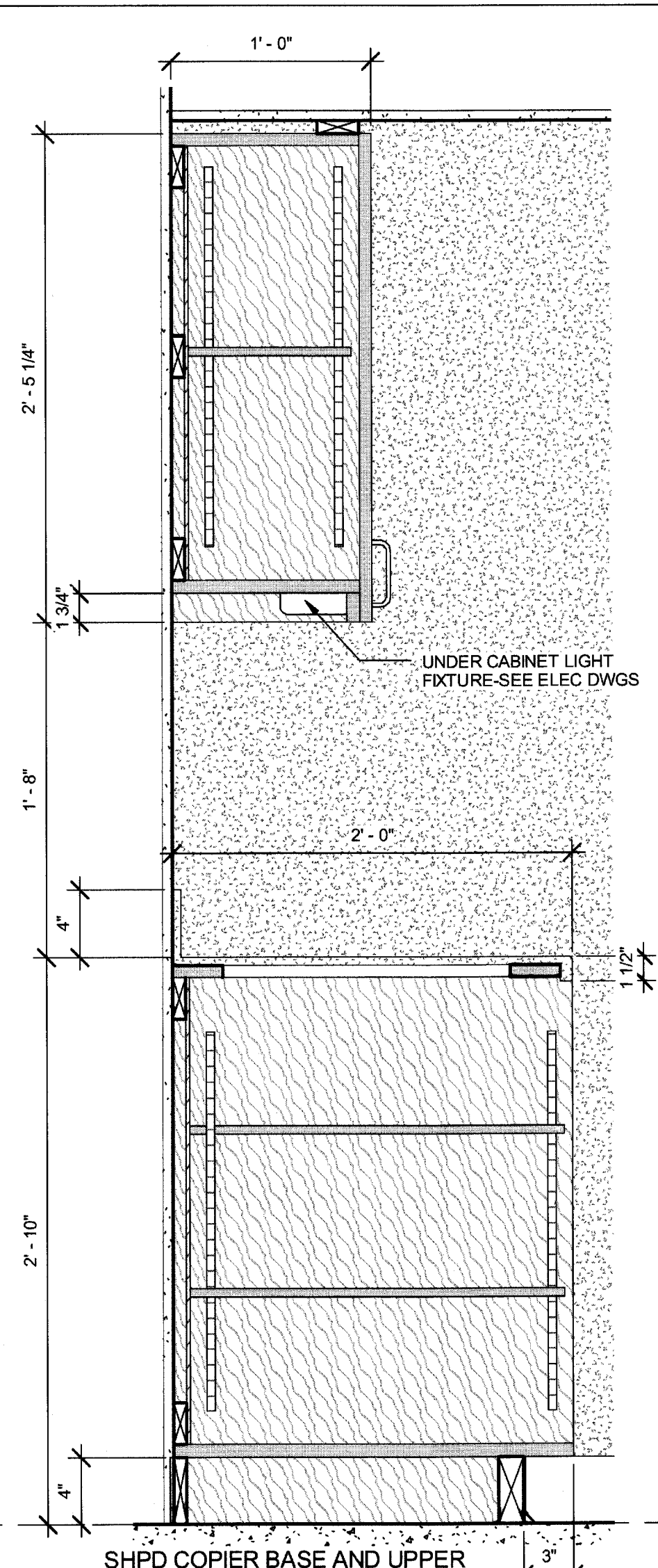


REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII					
INTERIOR DETAILS					
DESIGNED:			SUBMITTED:		
DRAWN:			DATE:	03/15/16	
CHECKED:			SCALE:		
APPROVED:	<i>[Signature]</i> CHIEF ENGINEER		DATE:	MAR 23 2016	
				DRAWING NO.	A5.14

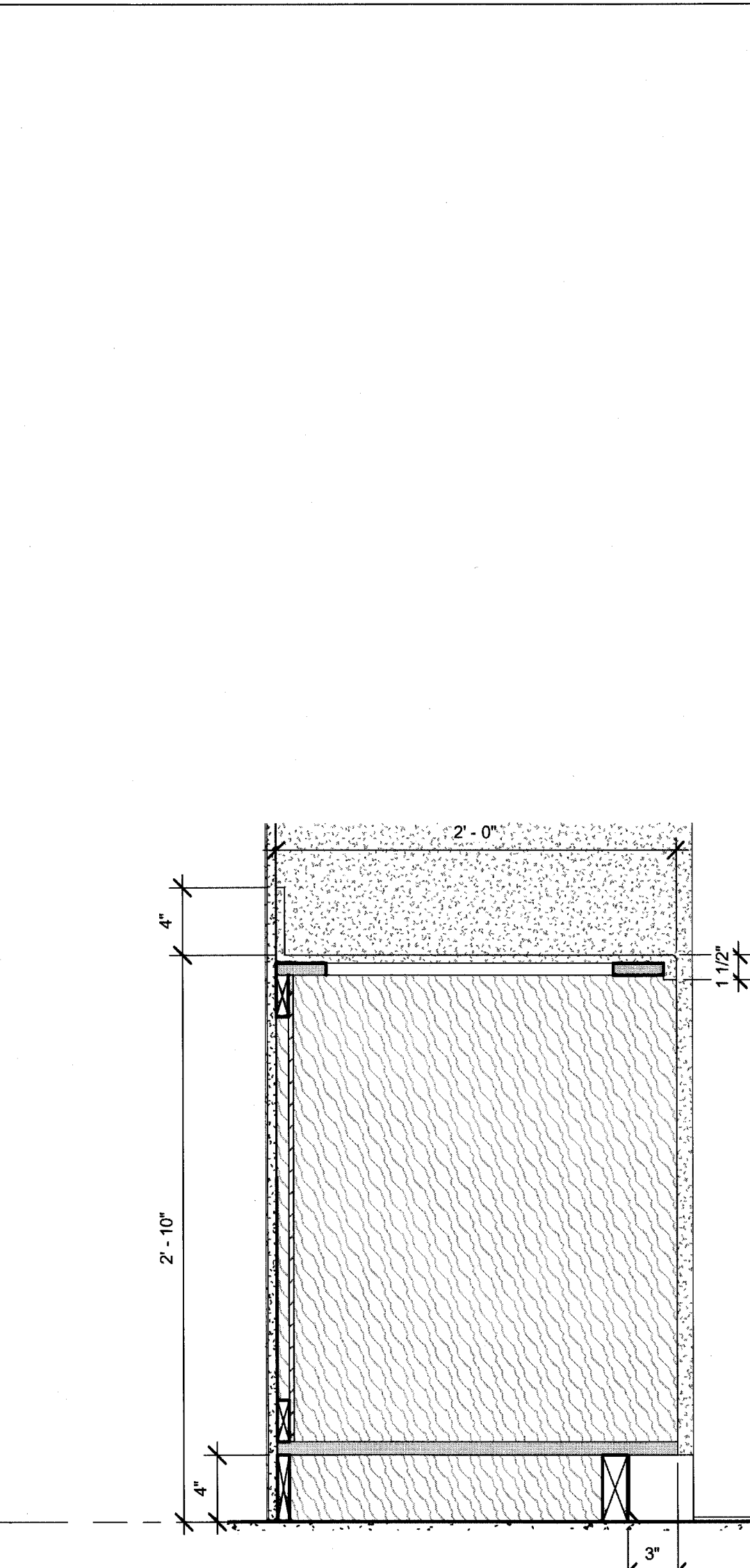
3/15/2016 9:50:21 AM



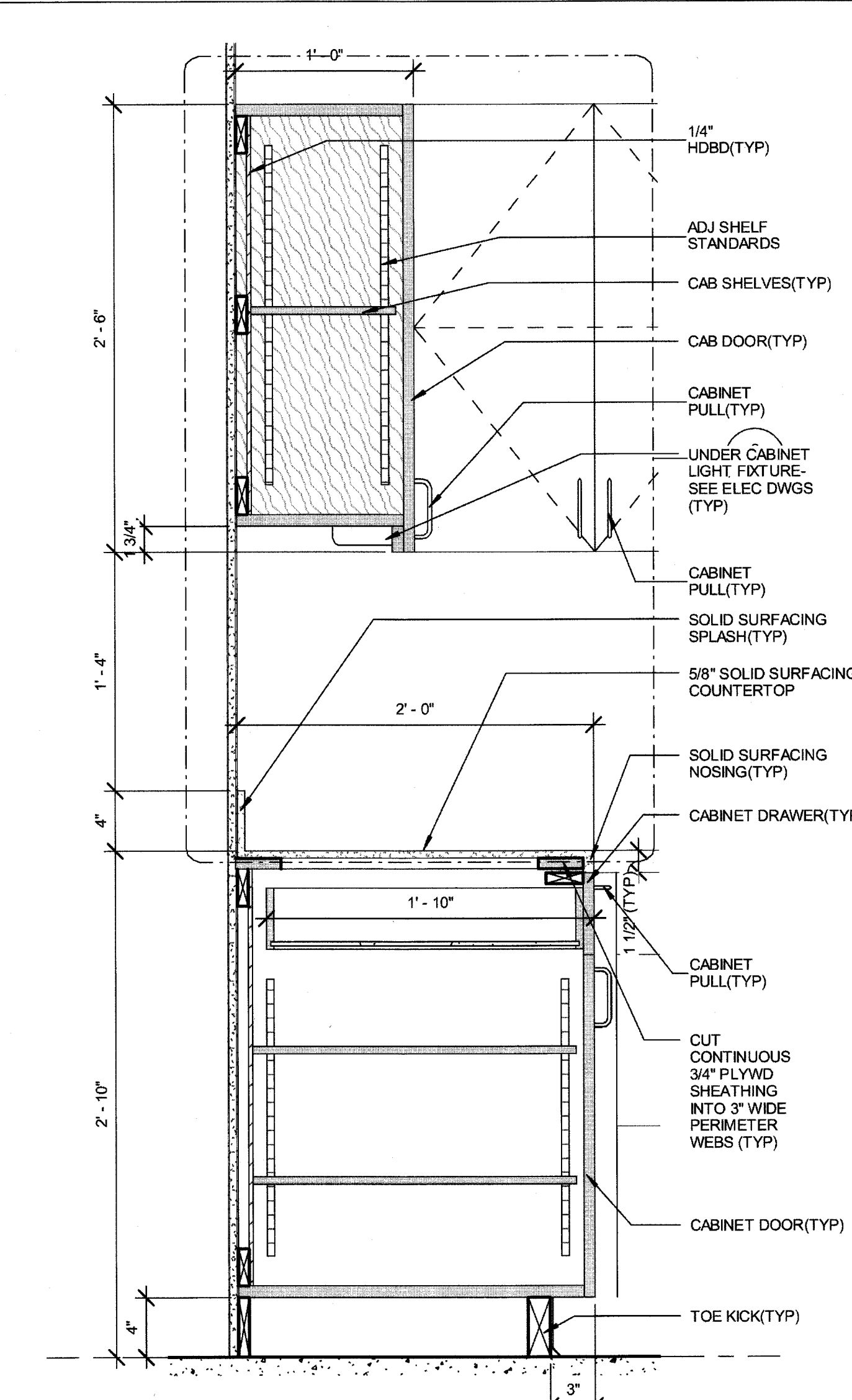
④ BREAK ROOM FULL HEIGHT CABINET
1 1/2" = 1'-0"



③ SHPD COPIER BASE AND UPPER CABINET
1 1/2" = 1'-0"

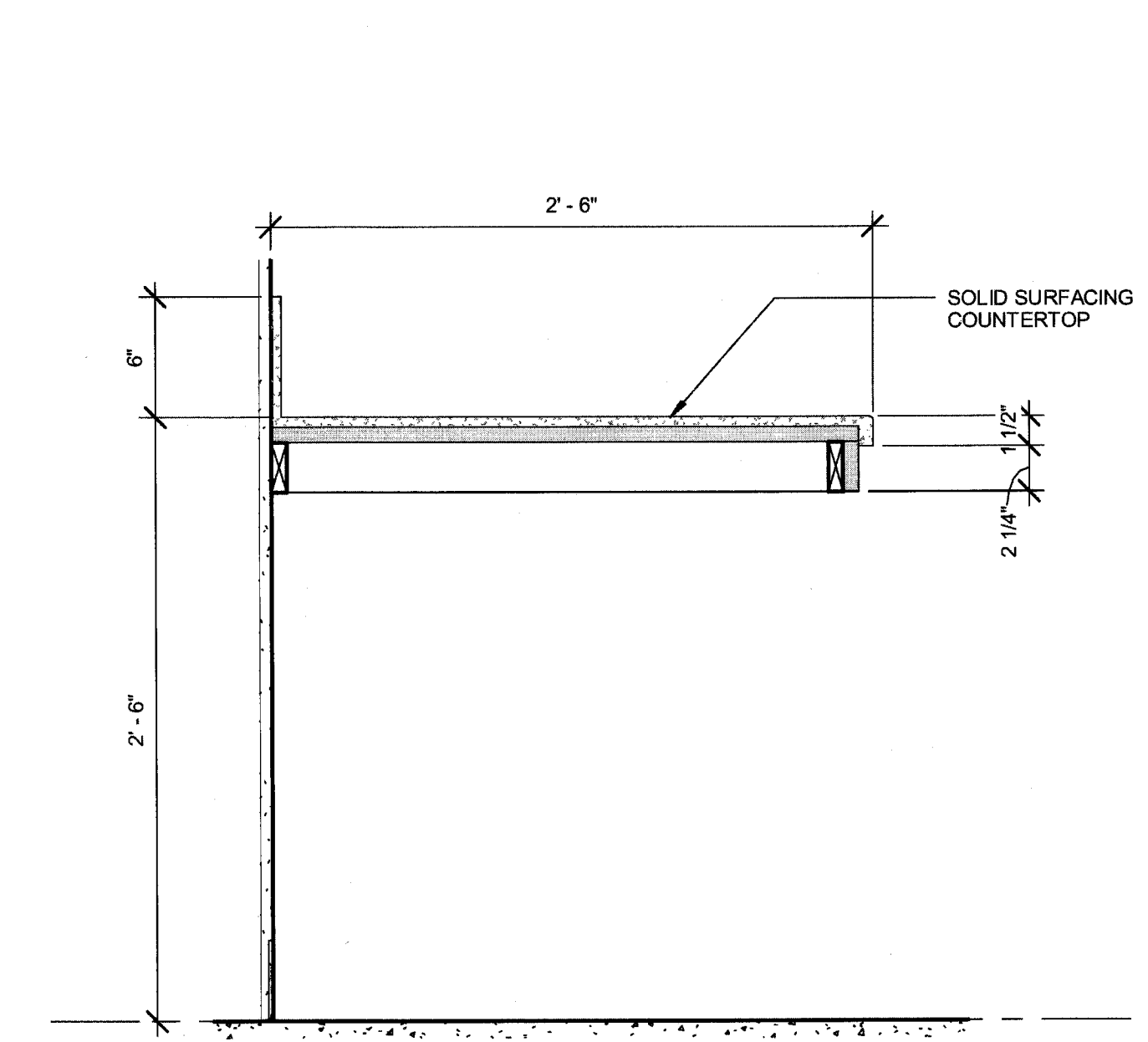


② DAR COPIER BASE CABINET
1 1/2" = 1'-0"

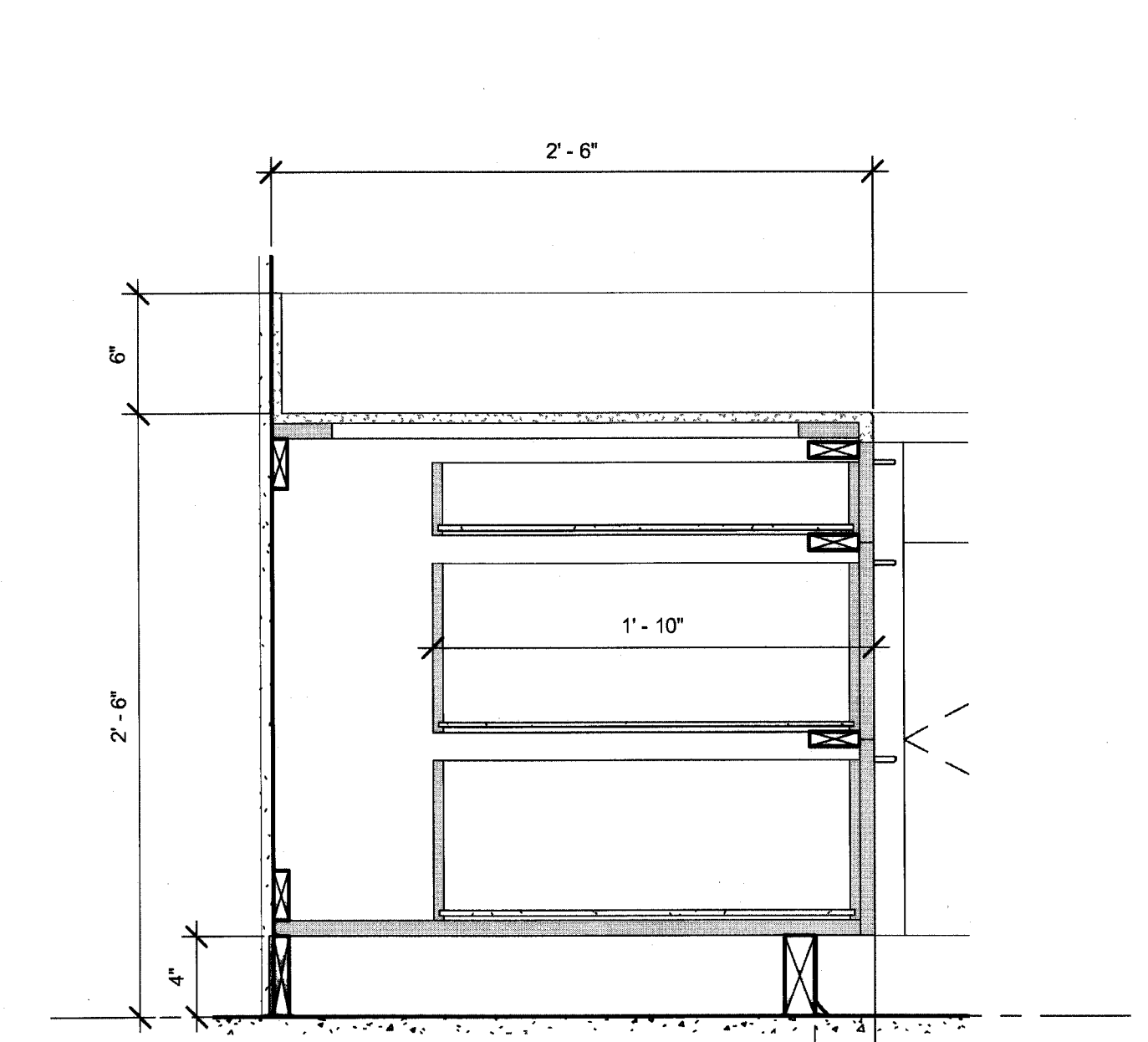


① DAR COPIER MILLWORK
1 1/2" = 1'-0"

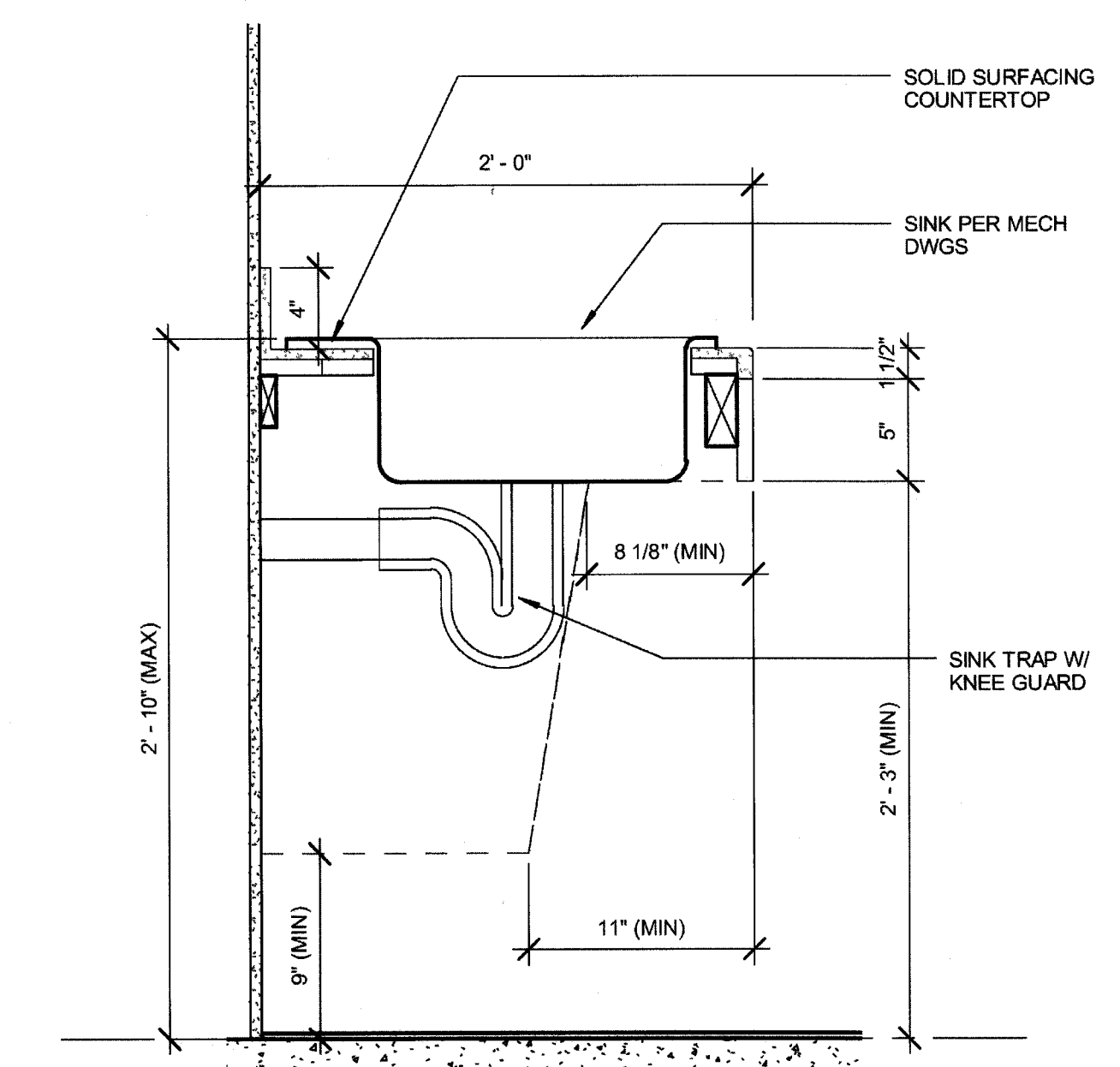
- INTERIOR MILLWORK GENERAL NOTES:**
- 1) SOLID SURFACING COUNTERTOP END NOSING SHALL BE 1/4" RADIUS EASED EDGED.
 - 2) SIDINGS, DOORS, SHELVES SHALL BE 3/4" HDWD PLYWD WITH PLAM ON ALL EXPOSED SURFACES. CABINET INTERIORS WITH DOORS SHALL BE WHITE CABINET LINER.
 - 3) SHELF STANDARDS AT CABINET DOOR LOCATIONS SHALL BE SURFACE MOUNTED. SHELF STANDARDS AT OPEN SHELVING SHALL BE RECESSED.
 - 4) MILLWORK SHALL BE PER AWI "CUSTOM". INTERIORS OF OPEN CABINETS SHALL MATCH EXPOSED PLAM.
 - 5) EDGE-BANDING FOR CABINET DOORS SHALL BE SELF EDGED.
 - 6) DRAWER MATERIAL SHALL BE 3/4" PLYWD WITH WHITE PVC EDGE-BANDING.
 - 7) TOE KICK SHALL BE 3/4" SHOP PLY.
 - 8) TOE KICK FINISH SHALL BE MATCHING ROOM SCHED RB.
 - 9) CASEWORK CONSTRUCTION SHALL BE DOWEL.
 - 10) DRAWER CONSTRUCTION SHALL BE DOWEL JOINT.
 - 11) BASE CABINETS SHALL HAVE 4" STRETCHERS FRONT AND BACK.
 - 12) DRAWERS BASE CABINETS SHALL HAVE 4" STRETCHER BETWEEN DRAWERS AS REQUIRED.
 - 13) BASE ASSEMBLIES SHALL BE SEPERATE UNITS MADE IN LENGTHS AS REQUIRED.
 - 14) CABINET HARDWARE HINGES: "BLUM" #75T159 CLIP TOP 107 S/C HINGE "INSERTA" TYPE-OR APPROVED EQUAL.
 - 15) CABINET HARDWARE MOUNTING PLATES: "BLUM" #174E6100.01-OR APPROVED EQUAL- (FOR FLUSH OVERLAY DOORS)
 - 16) DOOR AND DRAWER PULLS: "BELWITH KEELER" #PW39696MM US26D SATIN CHROME FINISH-OR APPROVED EQUAL.
 - 17) DRAWER GUIDES: "ACCURIDE" #3832 FULL EXTENSION-OR APPROVED EQUAL.
 - 18) CABLE GROMMET "MOCKET" EDP3 FLIP-TOP GROMMET (3" DIAM.)-OR APPROVED EQUAL.
 - 19) NOT USED.
 - 20) CORES FOR SOLID SURFACING TOPS SHALL BE 3/4" SHOP PLY.
 - 21) NOT USED.
 - 22) ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO FABRICATION.



⑦ ENGIN OFFICE 2
1 1/2" = 1'-0"



⑥ ENGIN OFFICE 1
1 1/2" = 1'-0"



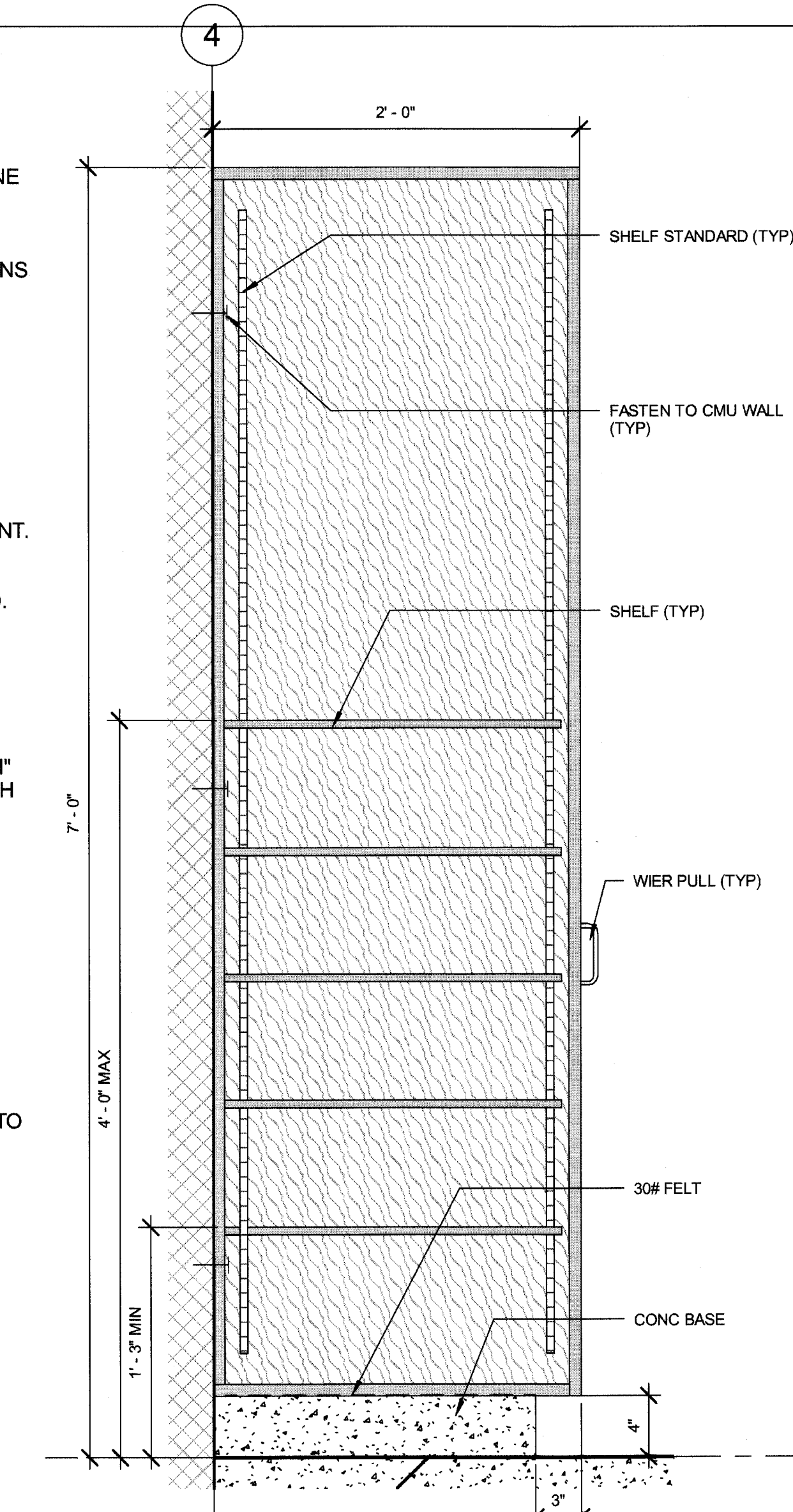
⑤ BREAK ROOM SINK
1 1/2" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII MILLWORK					
DESIGNED:		SUBMITTED:	gc		
DRAWN:		DATE:	03/15/16		
CHECKED:		SCALE:			
APPROVED:		DATE:	MAR 23 2016		
CHIEF ENGINEER:		DRAWING NO.:	A5.15		

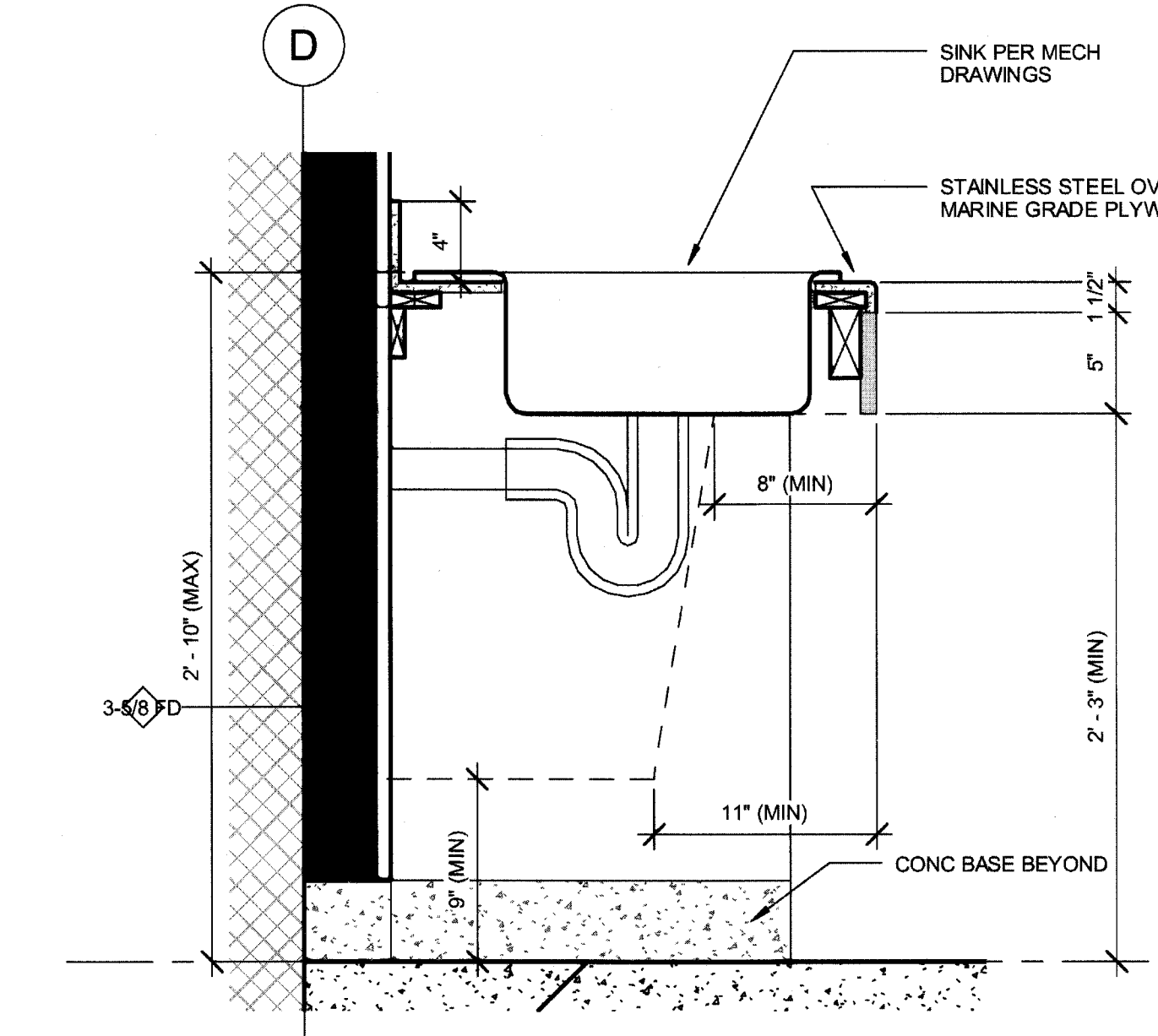
3/15/2016 9:50:23 AM

EXTERIOR MILLWORK GENERAL NOTES:

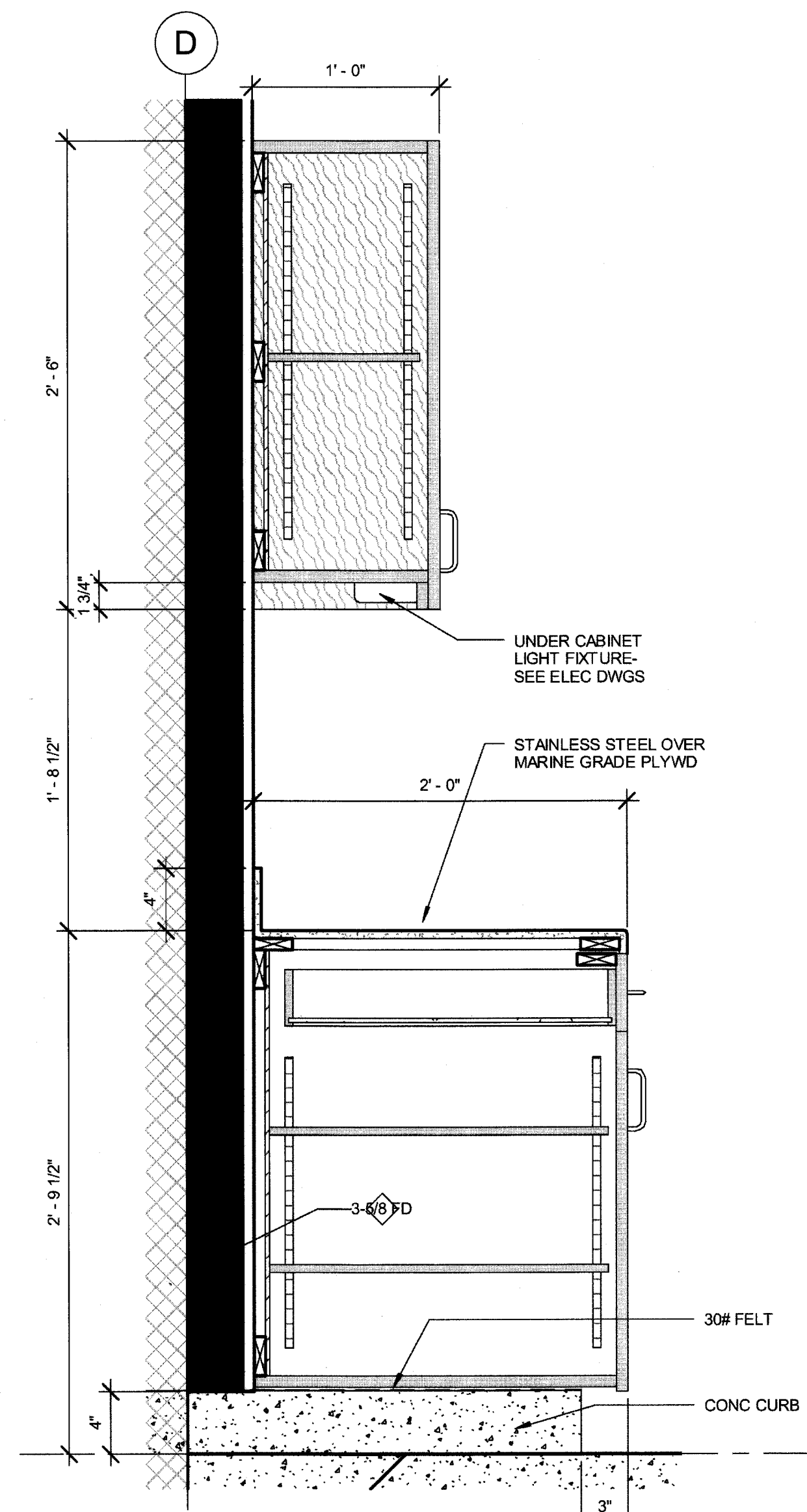
- 1) STAINLESS STEEL COUNTERTOP END NOSING SHALL BE 1/4" RADIUS EASED EDGED.
- 2) SIDINGS, DOORS, SHELVES SHALL BE 3/4" MARINE GRADE INTEGRAL COLOR HIGH DENSITY POLYETHYLENE.
- 3) NOT USED.
- 4) SHELF STANDARDS AT CABINET DOOR LOCATIONS SHALL BE SURFACE MOUNTED.
- 5) MILLWORK SHALL BE PER AW1 "CUSTOM"
- 6) NOT USED.
- 7) NOT USED.
- 8) DRAWER MATERIAL SHALL BE 3/4" MARINE GRADE INTEGRAL COLOR HIGH DENSITY POLYETHYLENE.
- 9) NOT USED.
- 10) NOT USED.
- 11) CASEWORK CONSTRUCTION SHALL BE DOWEL.
- 12) DRAWER CONSTRUCTION SHALL BE DOWEL JOINT.
- 13) NOT USED.
- 14) DRAWERS BASE CABINETS SHALL HAVE 4" STRETCHER BETWEEN DRAWERS AS REQUIRED.
- 15) BASE ASSEMBLIES SHALL BE SEPERATE UNITS MADE IN LENGTHS AS REQUIRED.
- 16) CABINET HARDWARE HINGES: "BLUM" #75T159 CLIP TOP 107 S/C HINGE "INSERTA" TYPE OR APPROVED EQUAL.
- 17) CABINET HARDWARE MOUNTING PLATES: "BLUM" #174E6100.01-OR APPROVED EQUAL. (FOR FLUSH OVERLAY DOORS)
- 18) DOOR AND DRAWER PULLS: "BELWITH KEELER" #PW396 96MM US26D SATIN CHROME FINISH-OR APPROVED EQUAL.
- 19) DRAWER GUIDES: "ACCURIDE" #3832 FULL EXTENSION-OR APPROVED EQUAL.
- 20) CABLE GROMMET "MOCKET" EDP3 FLIP-TOP GROMMET (3" DIAM.)-OR APPROVED EQUAL.
- 21) NOT USED.
- 22) CORES FOR STAINLESS STEEL TOPS SHALL BE 3/4" MARINE GRADE PLYWD.
- 23) CABINET DOOR LOCKS: "OLYMPUS" 100 OR APPROVED EQUAL.
- 24) ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO FABRICATION.



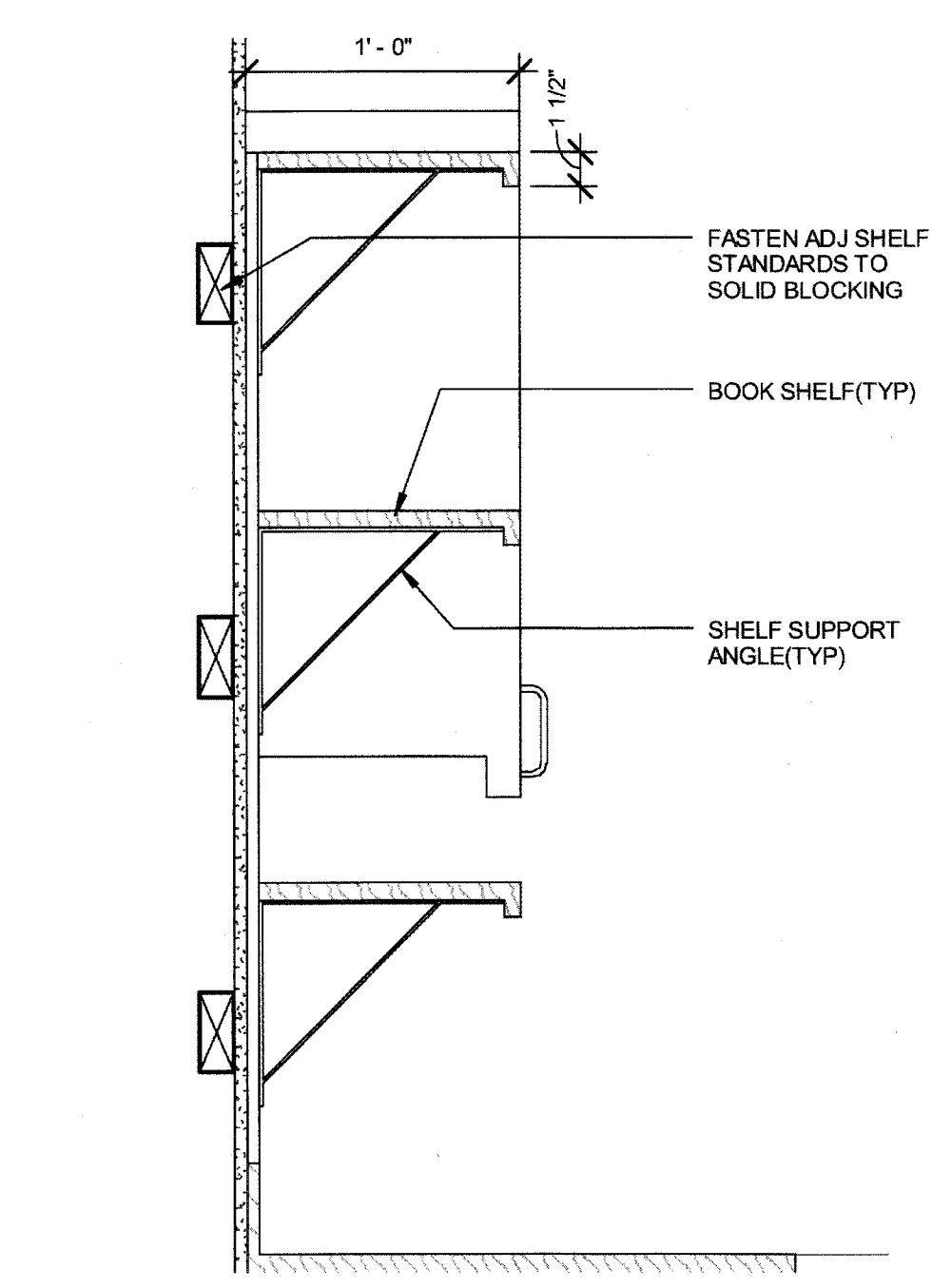
7 EXTERIOR FULL HEIGHT CABINET
1 1/2" = 1'-0"



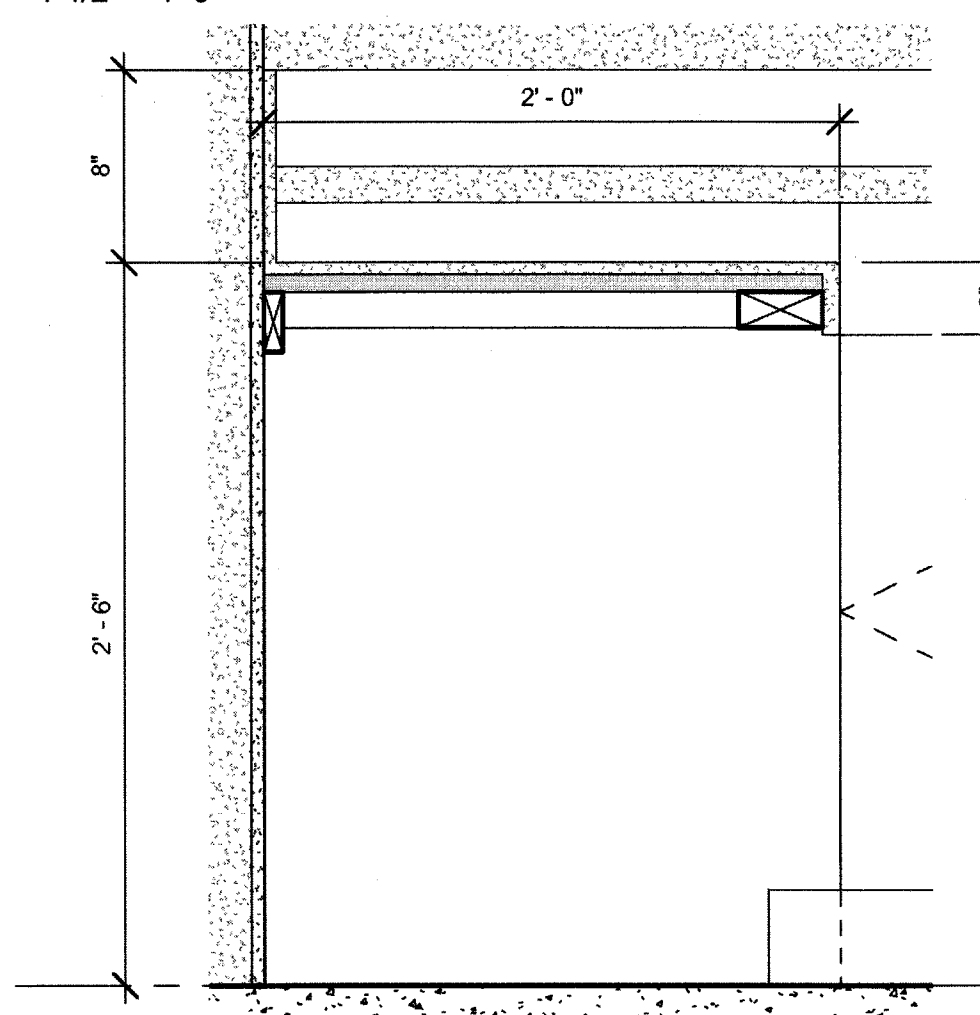
4 EXTERIOR SINK
1 1/2" = 1'-0"



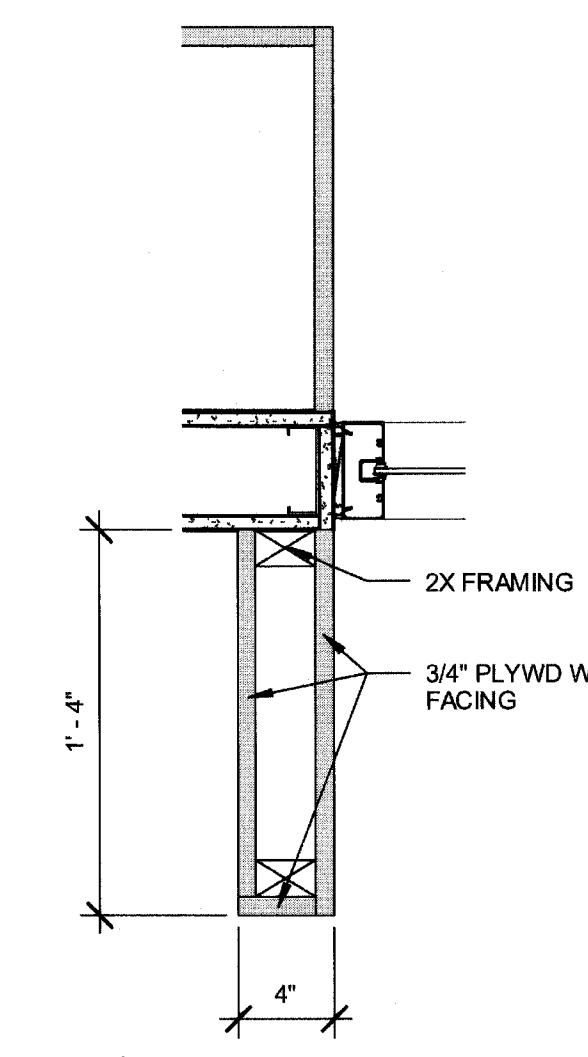
3 EXTERIOR CABINET
1 1/2" = 1'-0"



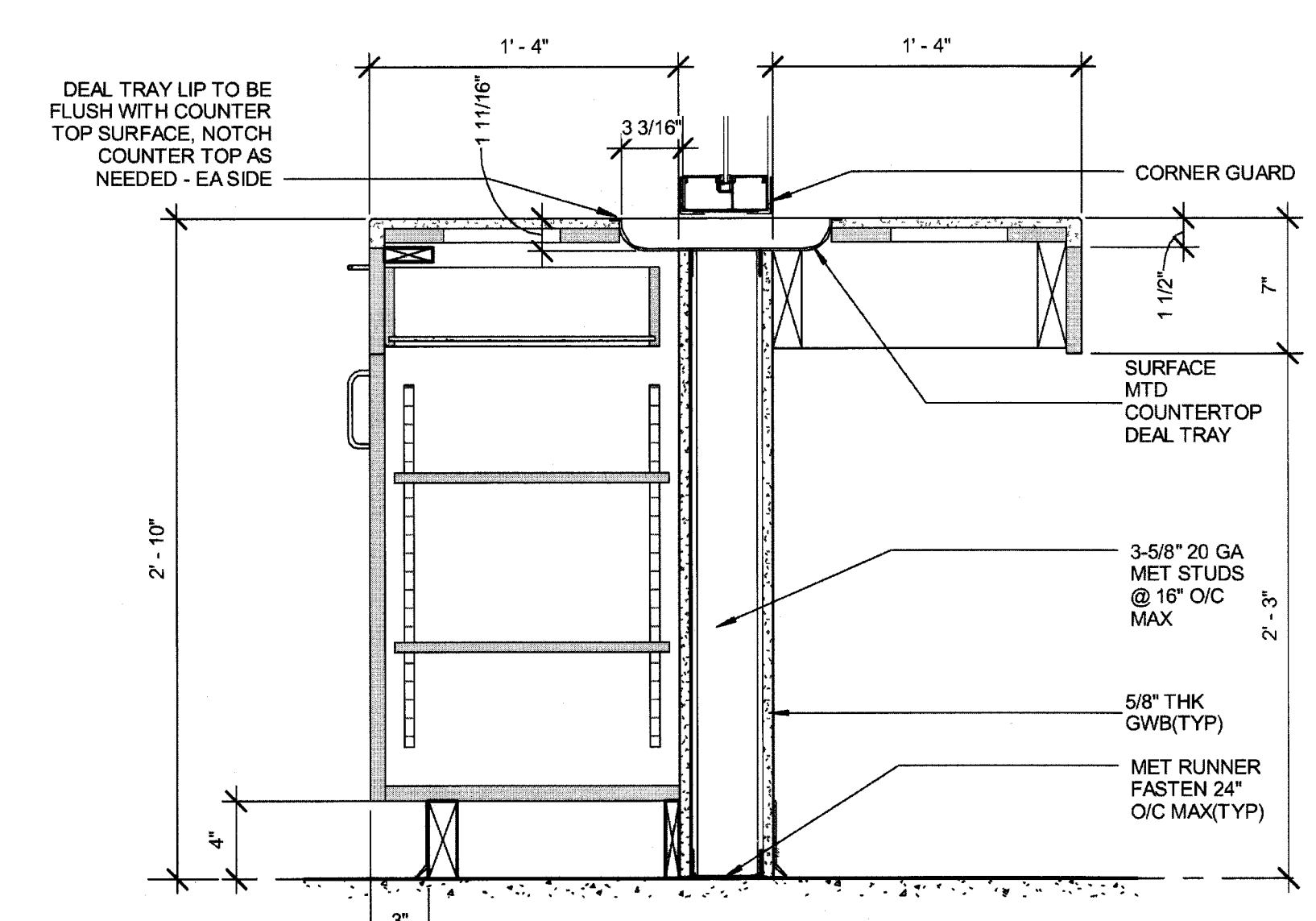
2 DAR BOOK SHELVES
1 1/2" = 1'-0"



1 DAR DESK
1 1/2" = 1'-0"



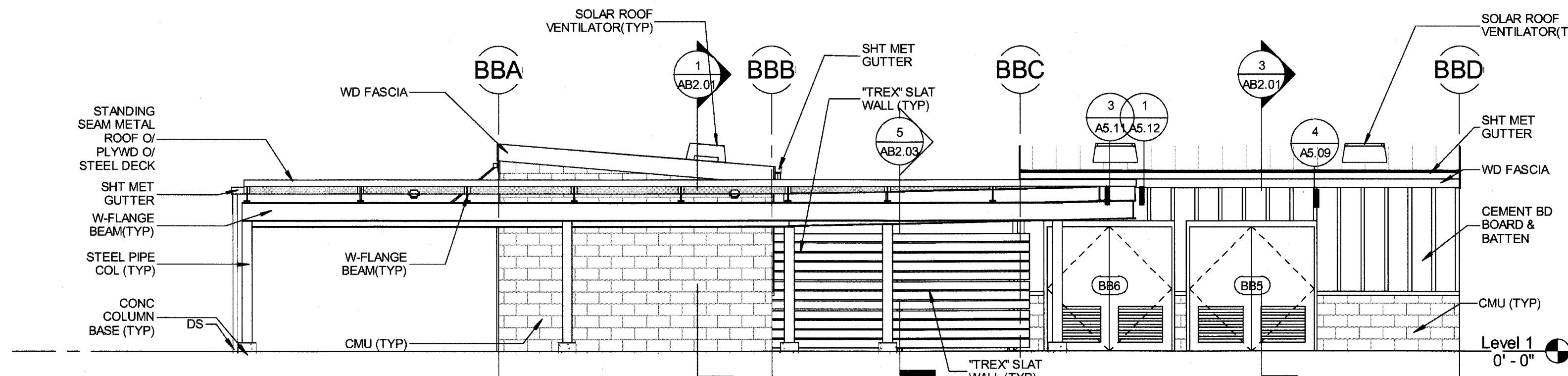
6 WAITING RM TRANSACTION COUNTERTOP VERTICAL
1 1/2" = 1'-0"



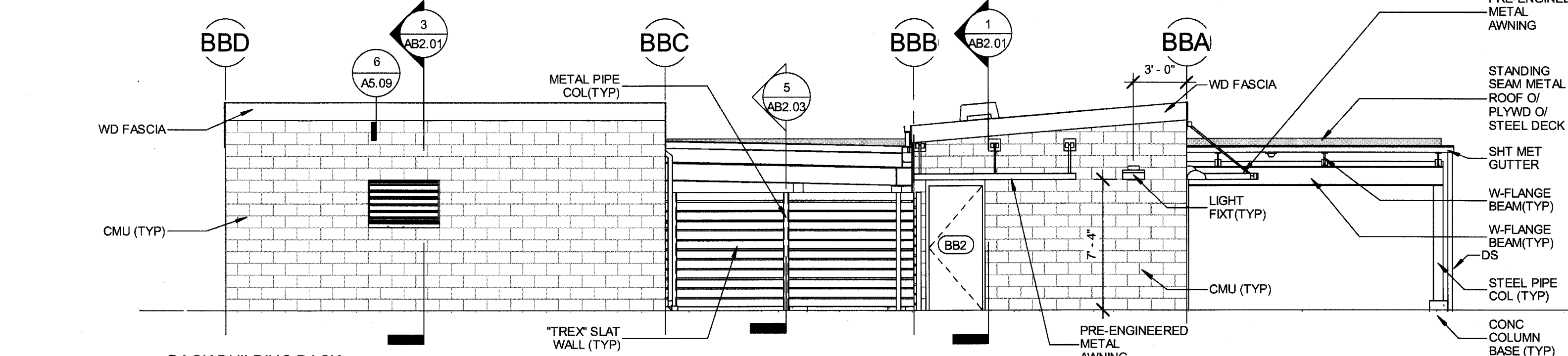
5 WAITING TRANSACTION COUNTERTOP
1 1/2" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII MILLWORK					
DESIGNED:		SUBMITTED:			
DRAWN:		DATE:	03/15/16		
CHECKED:		SCALE:			
APPROVED:		THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.		DRAWING NO.	
		EXP. DATE: April 30, 2016 		DATE: MAR 23 2016 A5.16	

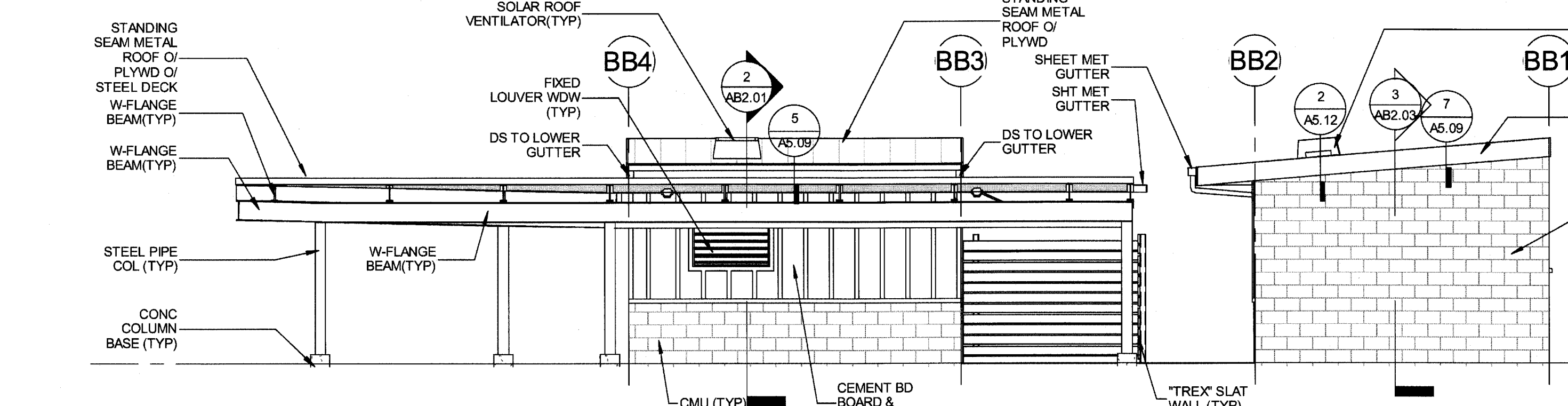
3/15/2016 9:50:24 AM



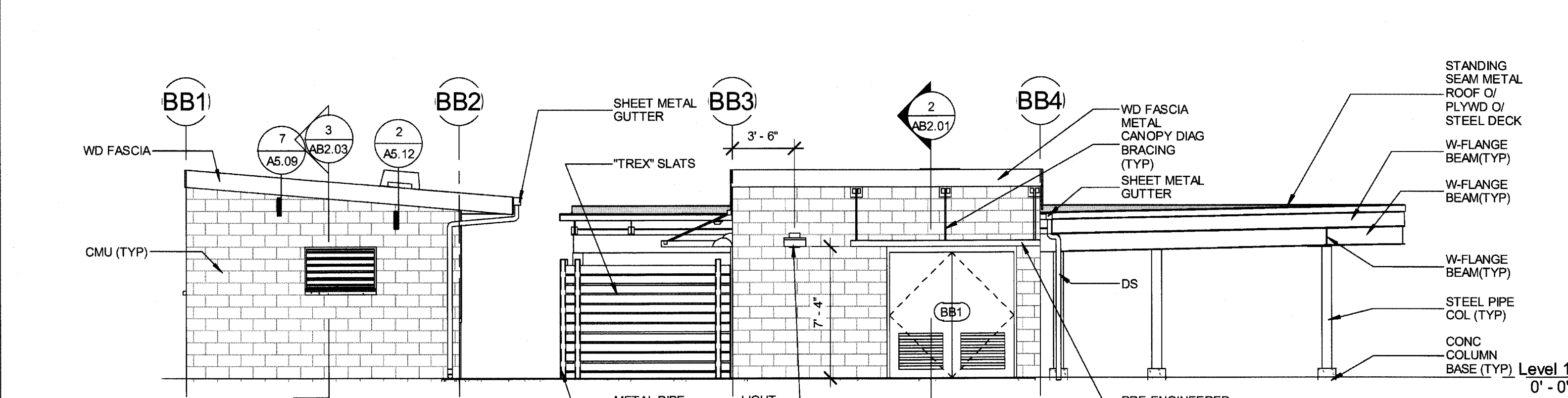
4 BACK BUILDING FRONT
3/16" = 1'-0"



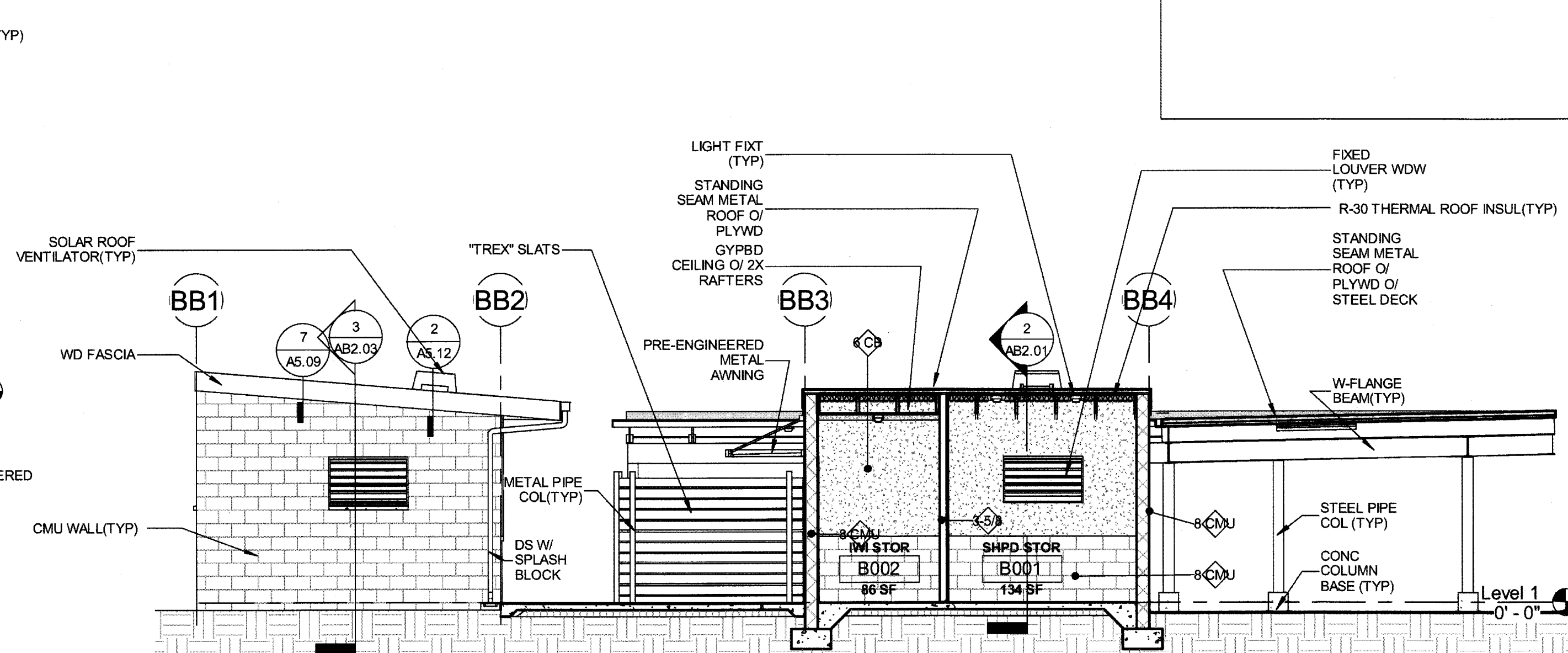
5 BACK BUILDING BACK
3/16" = 1'-0"



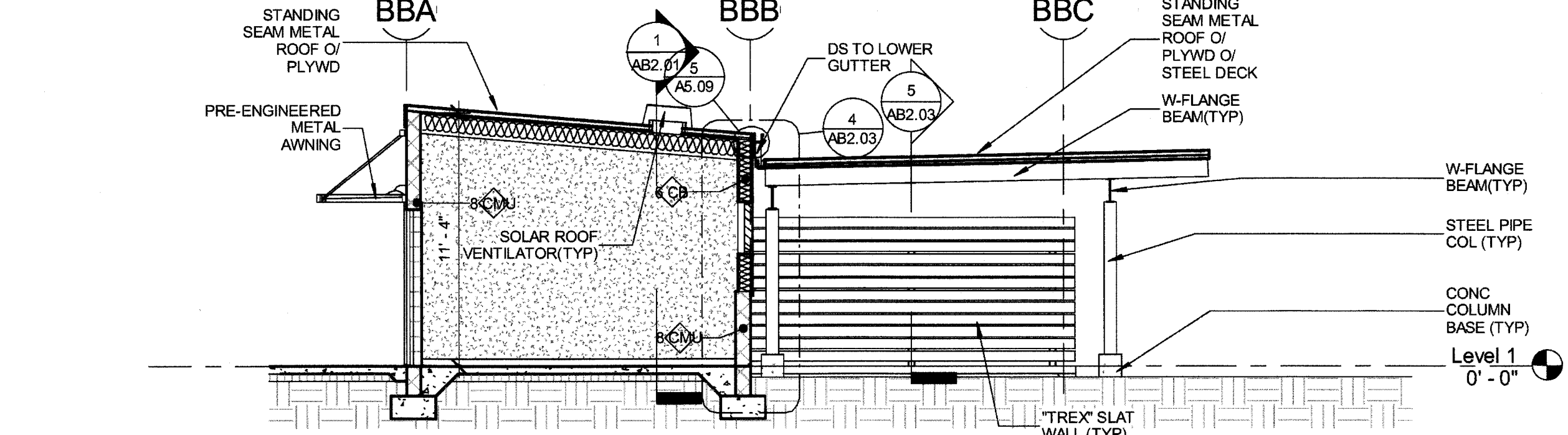
6 BACK BUILDING RIGHT
3/16" = 1'-0"



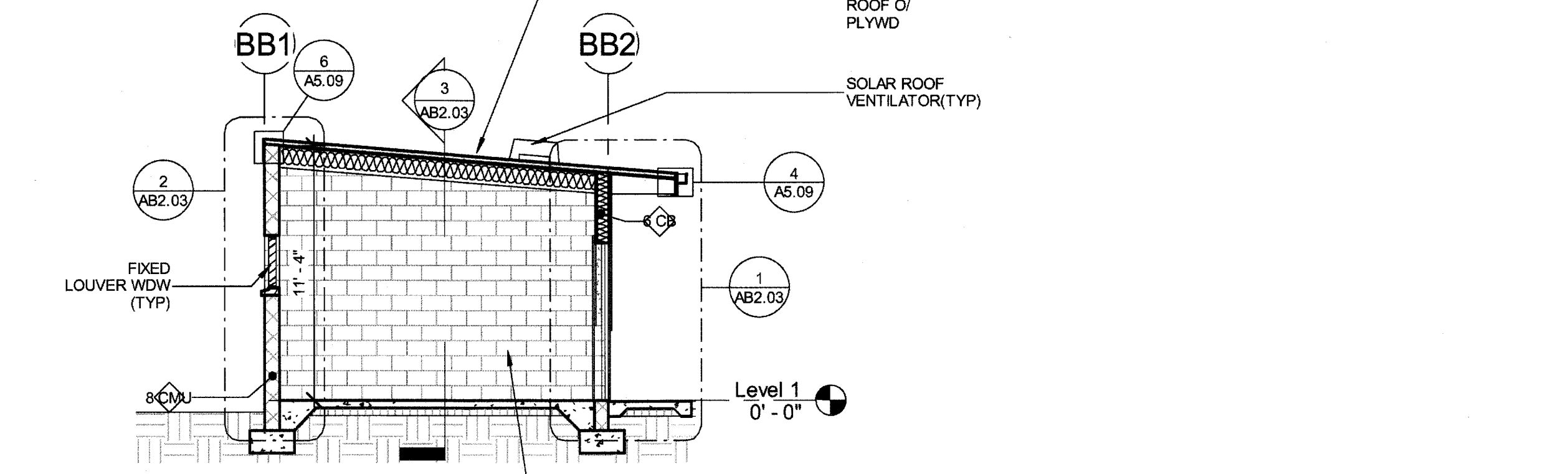
7 BACK BUILDING LEFT
3/16" = 1'-0"



1 BACK BUILDING SECTION 1
3/16" = 1'-0"



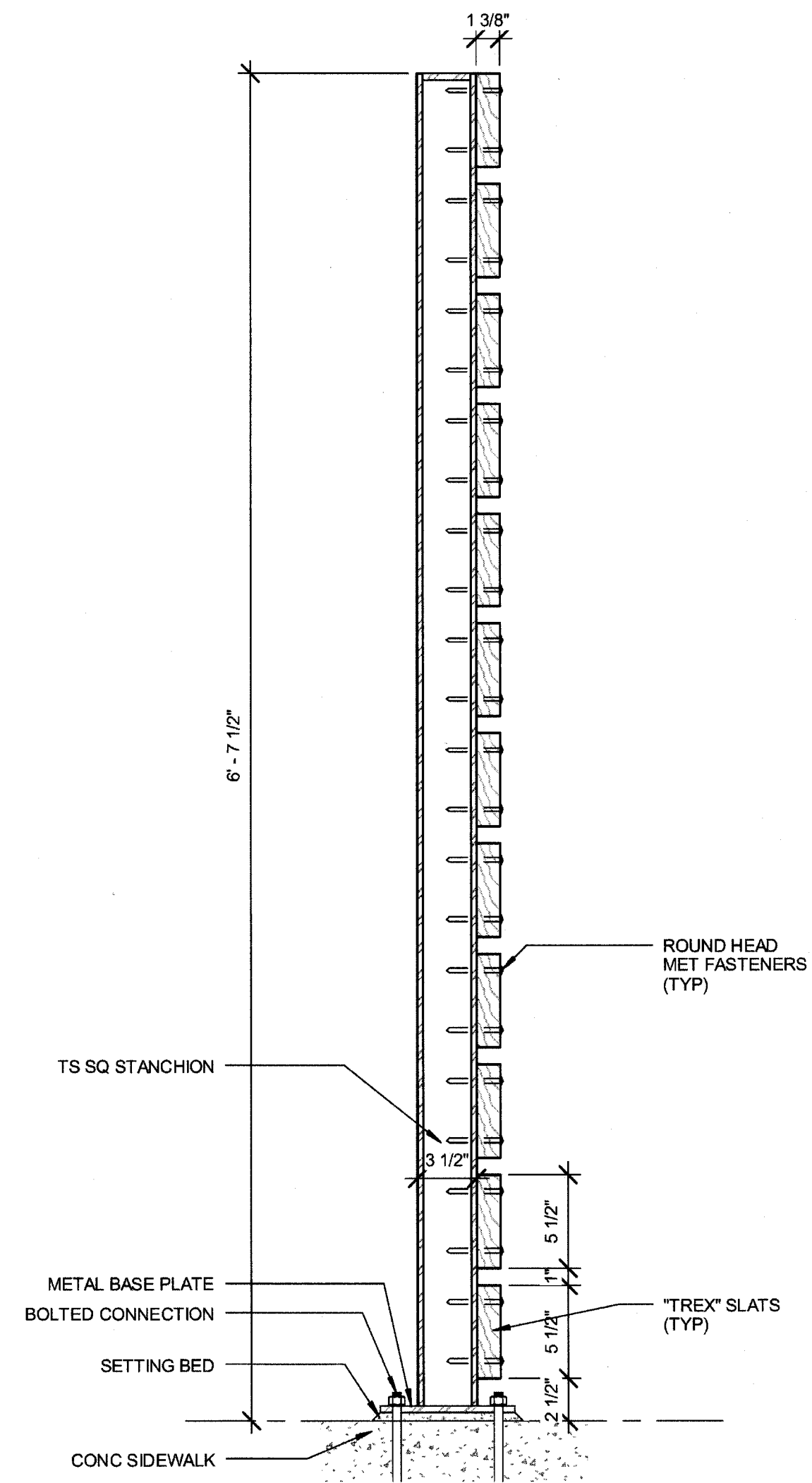
2 BACK BUILDING SECTION 2
3/16" = 1'-0"



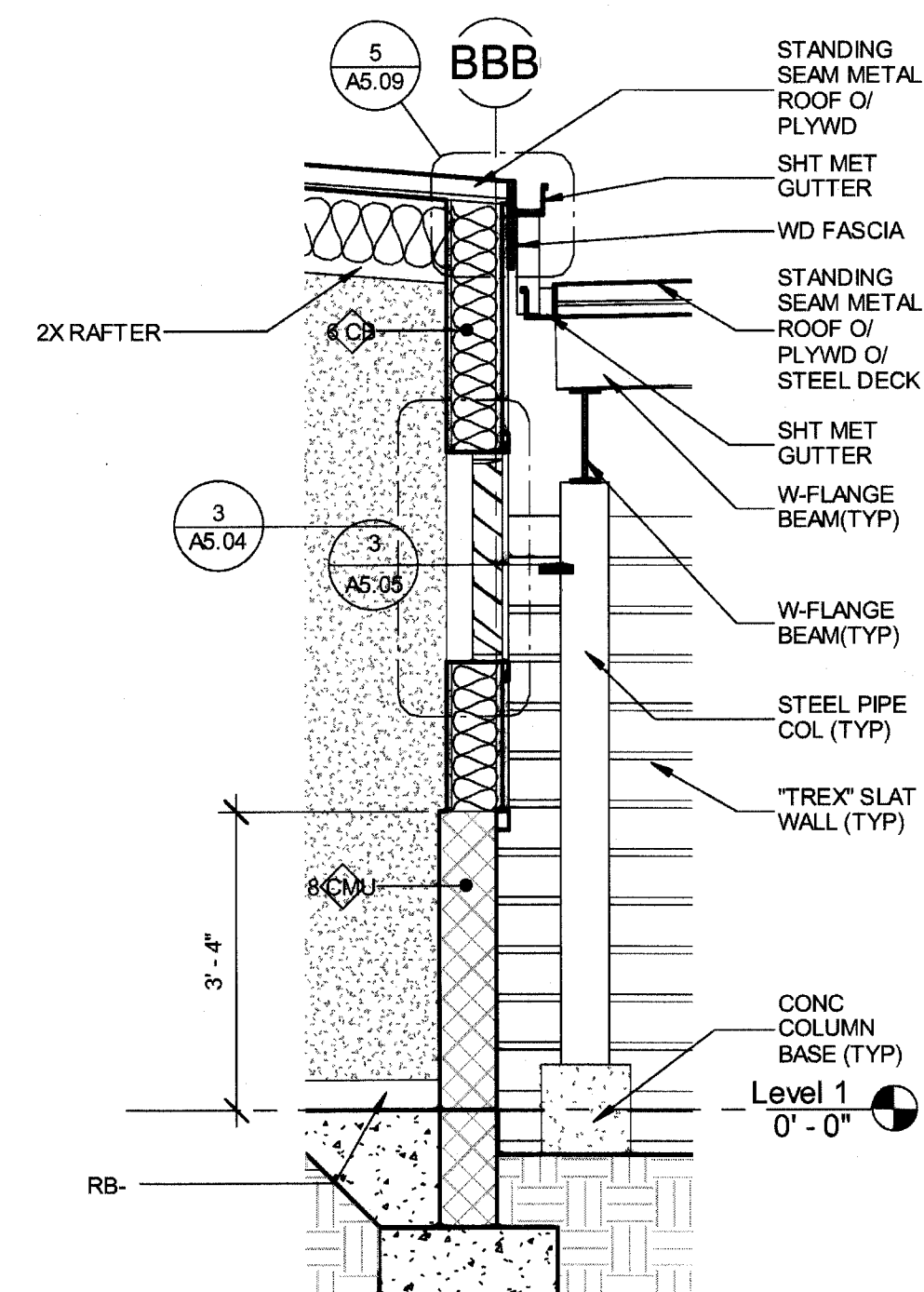
3 BACK BUILDING SECTION 3
3/16" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
MAUI OFFICE ANNEX WALUKU, MAUI, HAWAII					
BUILDING ELEVATIONS AND SECTIONS					
DESIGNED:		SUBMITTED:	60	03/15/16	
DRAWN:		CHECKED:		SCALE:	
APPROVED:		DATE:		DRAWING NO.	AB2.01
		DATE: April 30, 2016 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.			

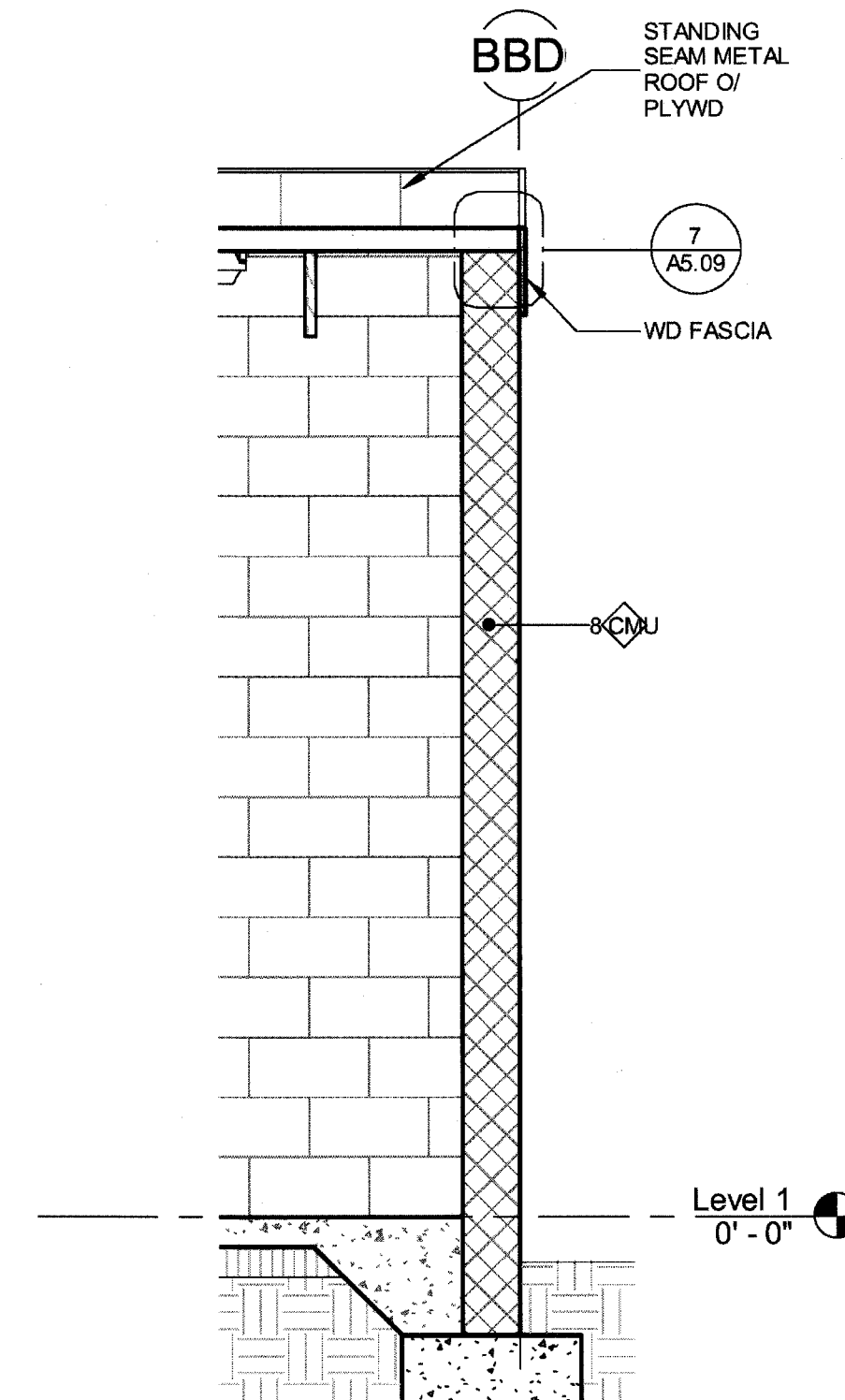
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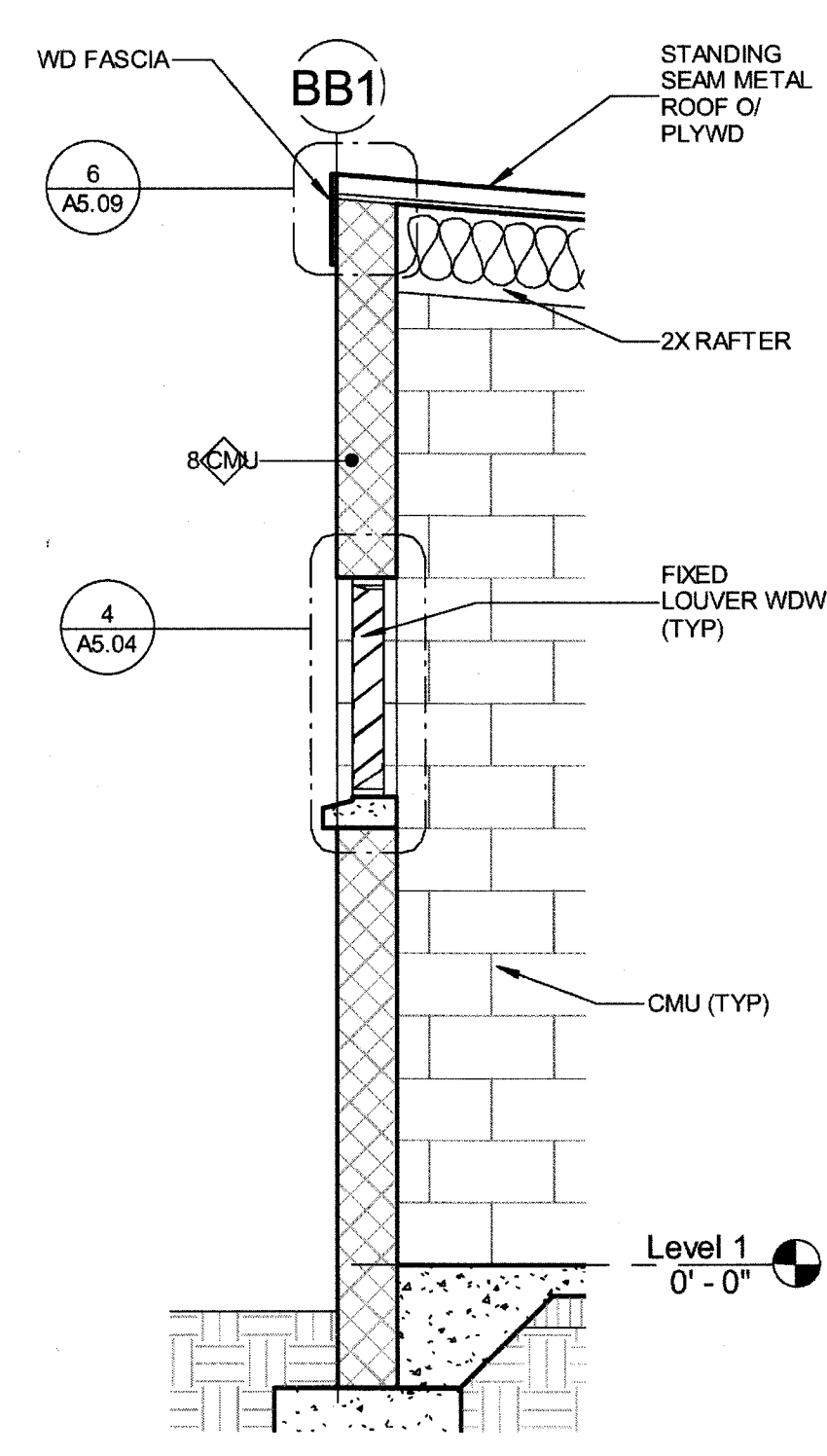
⑤ SLAT WALL
1 1/2" = 1'-0"



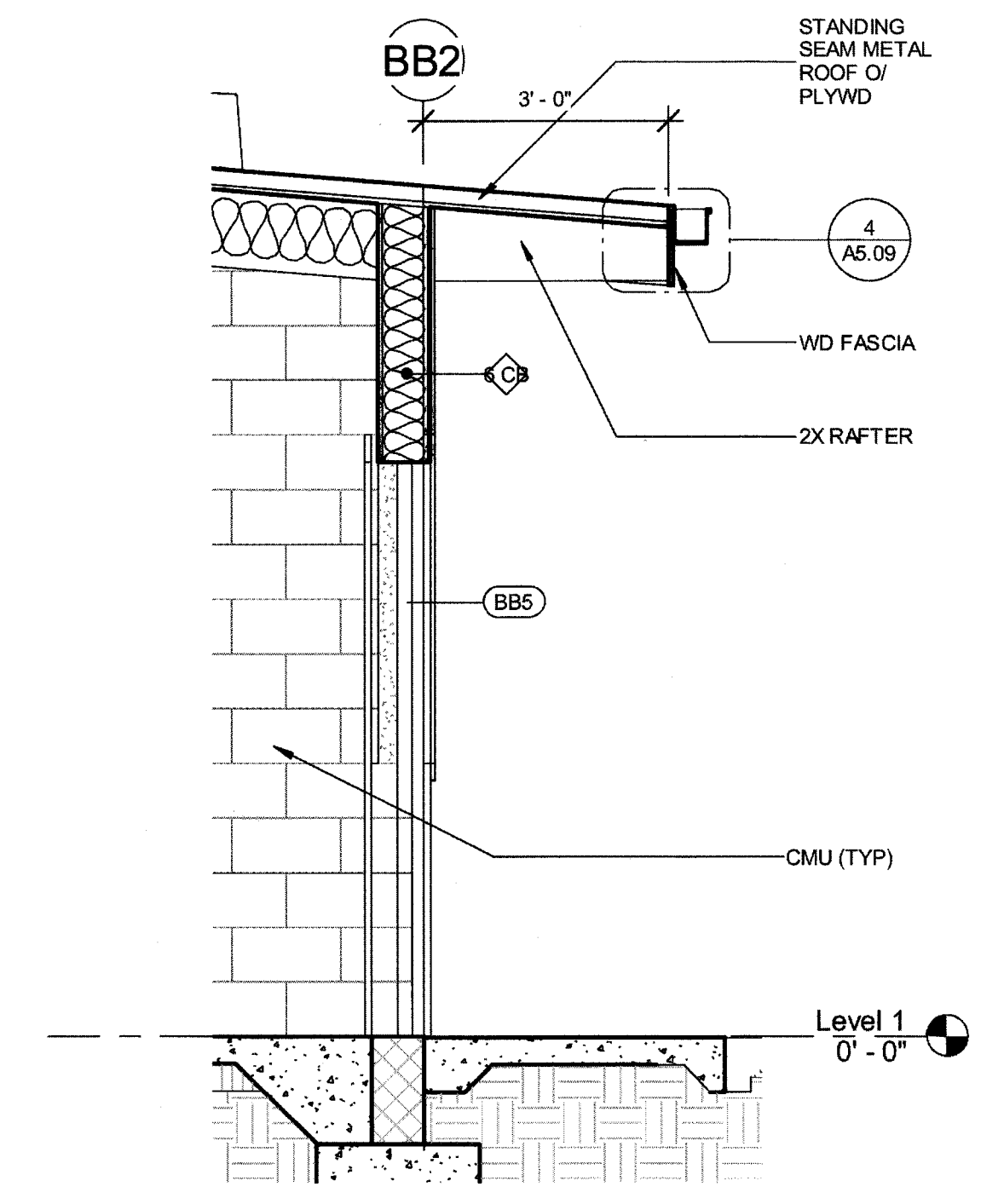
④ Callout of BACK BUILDING SECTION 2
1/2" = 1'-0"



③ Section 36
1/2" = 1'-0"

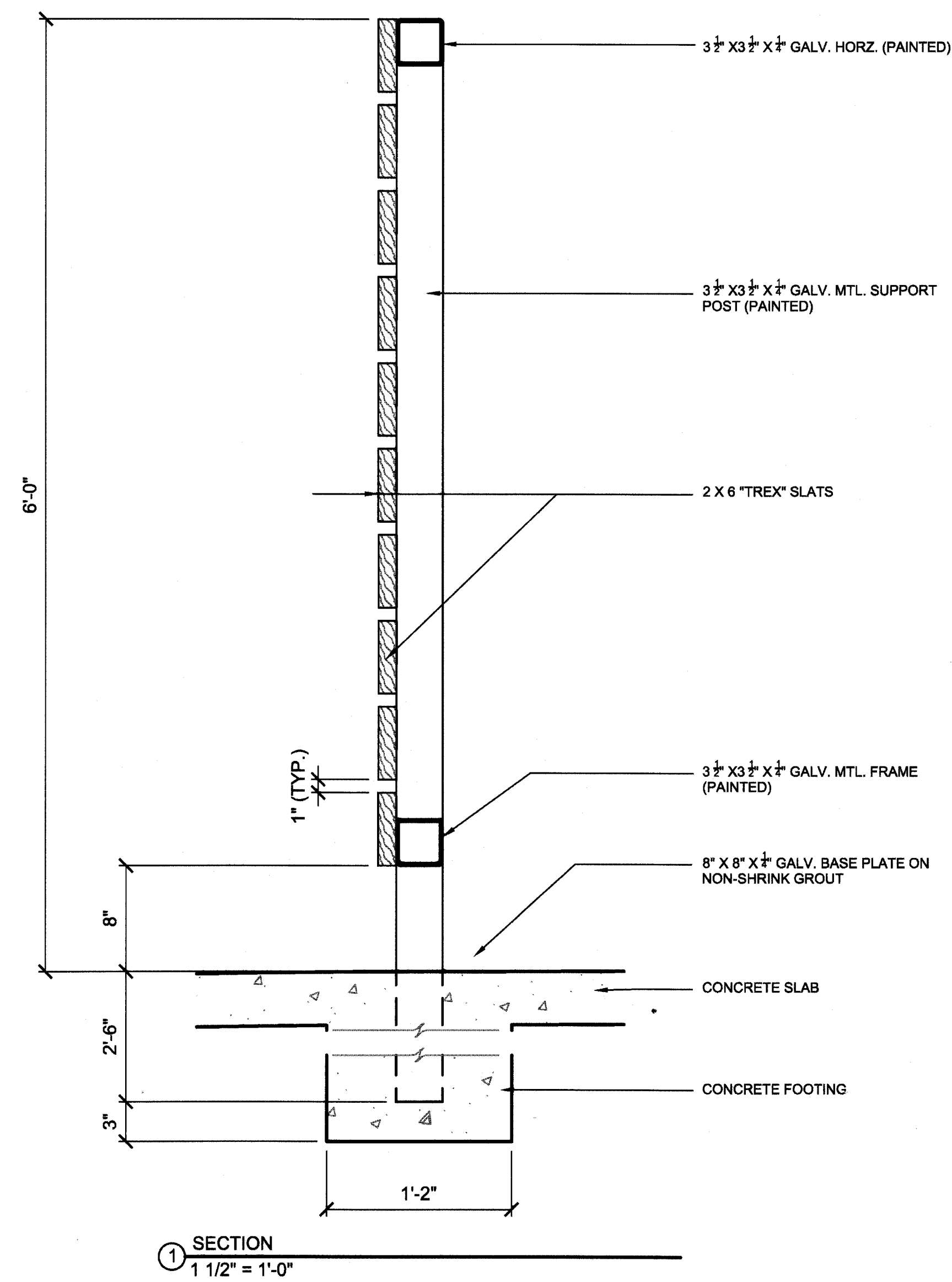


② Callout (2) of BACK BUILDING SECTION 3
1/2" = 1'-0"

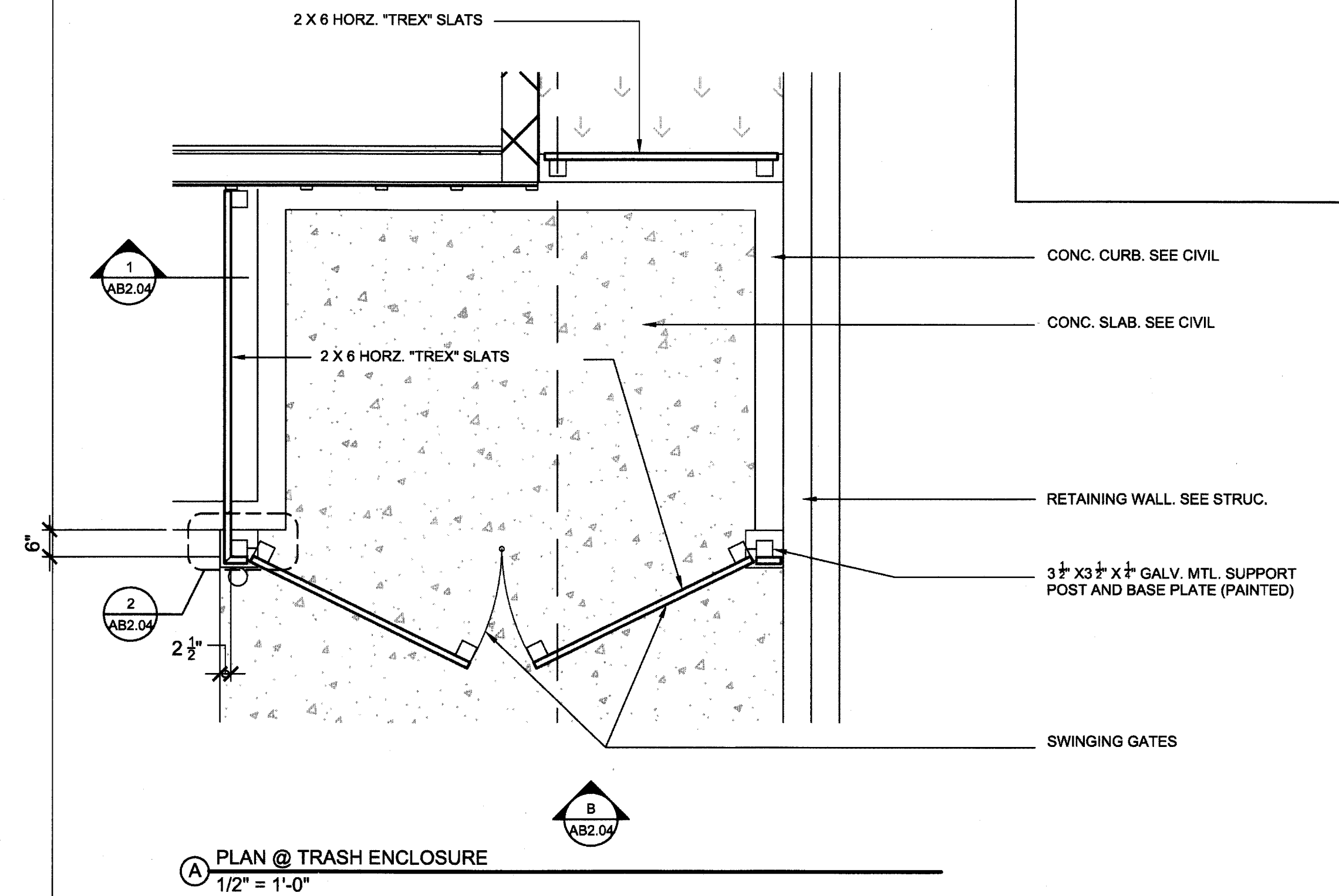


① Callout of BACK BUILDING SECTION 3
1/2" = 1'-0"

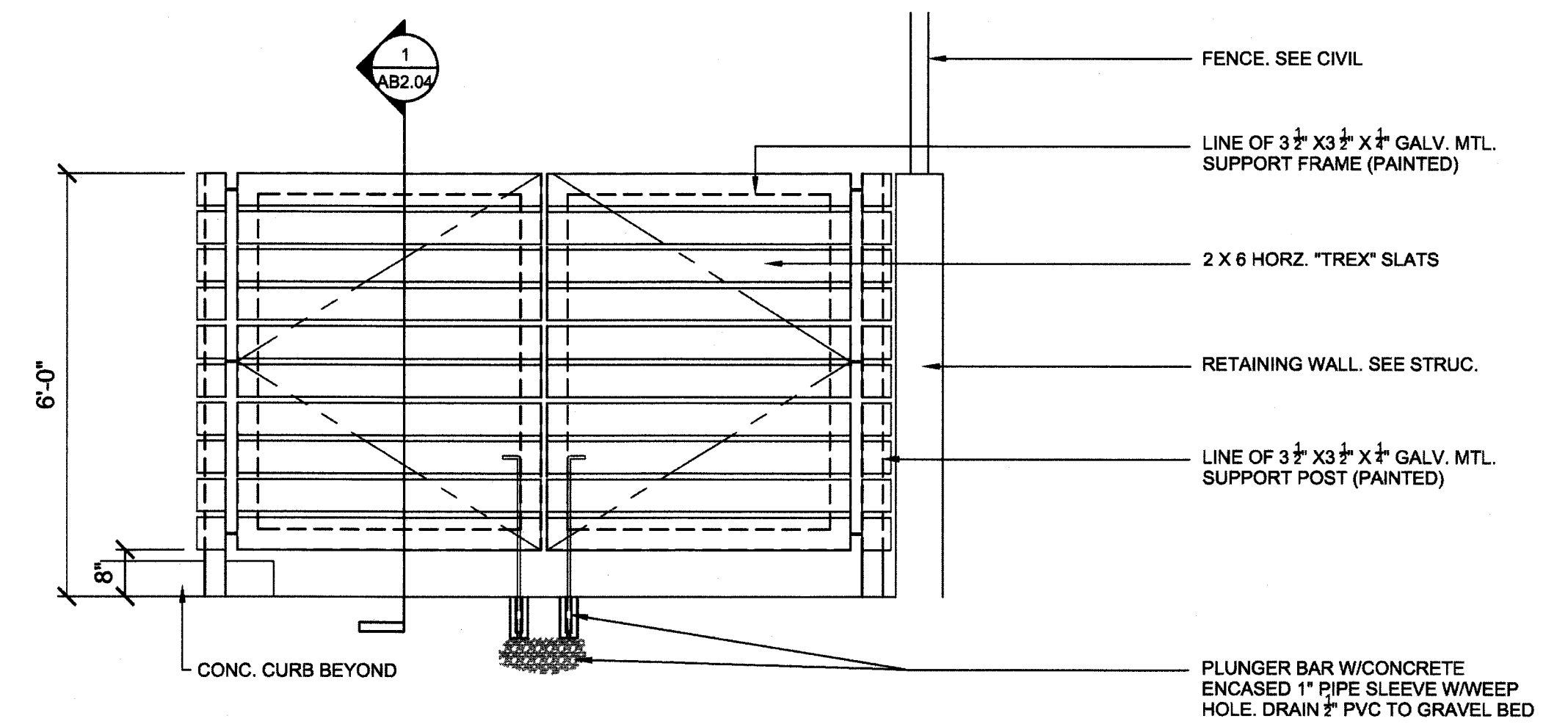
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII					
WALL SECTIONS					
DESIGNED:			SUBMITTED: <i>gc</i>		
DRAWN:			DATE: 03/15/16		
CHECKED:			SCALE:		
APPROVED:			DRAWING NO.		
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. CHIEF ENGINEER			DATE MAR 23 2016		AB2.03



SECTION
1/2" = 1'-0"



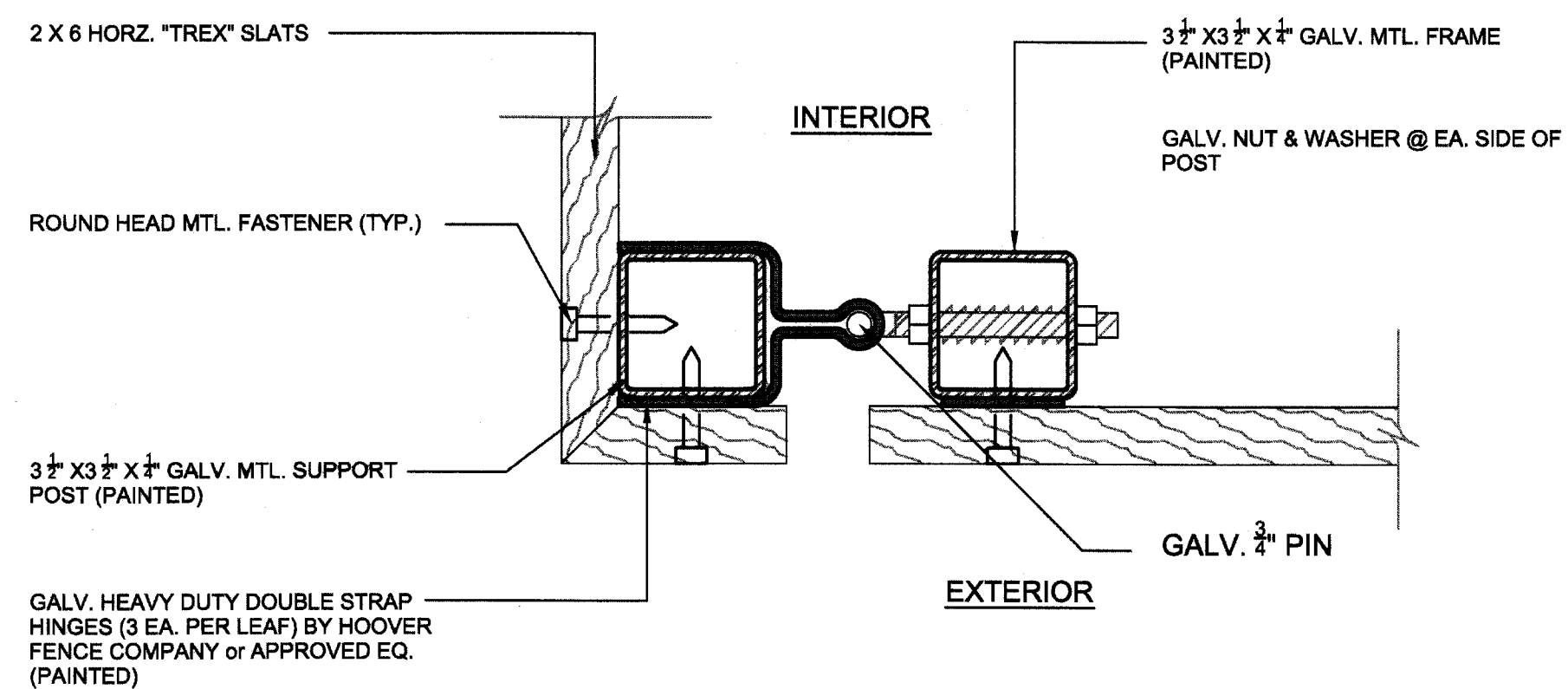
PLAN @ TRASH ENCLOSURE
1/2" = 1'-0"



ELEVATION @ TRASH ENCLOSURE
1/2" = 1'-0"

GATE HARDWARE:

- BY HOOVER FENCE COMPANY OR APPROVED EQUAL.
- 5" L. GALV. HEAVY DUTY DOUBLE STRAP HINGES (3 EA. PER LEAF) BY HOOVER FENCE COMPANY OR APPROVED EQ.
- 9" STAINLESS STEEL BLACK HANDLE @ EA. GATE LEAF
- T-LATCH TOGGLE-STYLE PADLOCKABLE GRAVITY ACTION GATE LATCH
- 5/8" DIAMETER x 36" LONG DROP ROD BOLT (BLACK RUST RESISTANT FINISH)
- SWIVEL WHEEL FOR SWINGING GATE W/RUST RESISTANT FINISH



ENCLOSURE CORNER/GATE HINGE DETAIL
3" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII TRASH ENCLOSURE PLAN, ELEVATION and DETAILS					
DESIGNED:		SUBMITTED: <i>gc</i>			
DRAWN:		DATE: 03/15/16			
CHECKED:		SCALE:			
APPROVED: <i>Beau A. Suzuki</i>		DATE: MAR 23 2016		DRAWING NO. AB2.04	
CHIEF ENGINEER					

GENERAL:

- A. WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE STATE BUILDING CODE OF HAWAII (IBC, 2006 EDITION AS AMENDED BY THE COUNTY OF MAUI). HOWEVER, WHERE REFERENCE IS MADE TO PERFORMANCE CONFORMING TO OTHER STANDARDS THE MORE STRINGENT SHALL APPLY.
- B. THE CONTRACTOR SHALL COMPARE ALL THE CONTRACT DOCUMENTS WITH EACH OTHER AND REPORT IN WRITING TO THE ENGINEER ALL INCONSISTENCIES AND OMISSIONS.
- C. THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND VERIFY FIELD CONDITIONS AND SHALL COMPARE SUCH FIELD MEASUREMENTS AND CONDITIONS WITH THE DRAWINGS BEFORE COMMENCING WORK. REPORT IN WRITING TO THE ENGINEER ALL INCONSISTENCIES AND OMISSIONS.
- D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR METHODS OF CONSTRUCTION, WORKMANSHIP AND JOB SAFETY. THE CONTRACTOR SHALL PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED FOR STABILITY OF STRUCTURAL MEMBERS AND SYSTEMS.
- E. CONSTRUCTION LOADING SHALL NOT EXCEED DESIGN LIVE LOAD UNLESS SPECIAL SHORING IS PROVIDED. ALLOWABLE LOADS SHALL BE REDUCED IN AREAS WHERE THE STRUCTURE HAS NOT ATTAINED FULL DESIGN STRENGTH.
- F. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THE ADJACENT PROPERTIES, STRUCTURES, STREETS AND UTILITIES DURING THE CONSTRUCTION PERIOD.
- G. DETAILS NOTED AS TYPICAL ON THE STRUCTURAL DRAWINGS SHALL APPLY IN ALL CONDITIONS UNLESS SPECIFICALLY SHOWN OR NOTED.
- H. THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS MUST SUBMIT IN WRITING ANY REQUESTS FOR MODIFICATIONS TO THE PLANS AND SPECIFICATIONS.

DESIGN CRITERIA:

- A. SEISMIC
 - a. SEISMIC IMPORTANCE FACTOR: _____ 1.0
 - b. MAPPED SPECTRAL RESPONSE ACCELERATIONS:
 - a.Ss _____ 0.977
 - b.S1 _____ 0.250
 - c. SPECTRAL RESPONSE COEFFICIENTS:
 - a.Sds _____ 0.722
 - b.Sd1 _____ 0.317
 - d. SEISMIC DESIGN CATEGORY: _____ D
 - e. BASIC SEISMIC FORCE RESISTING SYSTEM:
 - SPECIAL REINFORCED MASONRY SHEARWALLS
 - f. DESIGN BASE SHEAR: _____ 20.7 KIPS
 - g. SEISMIC RESPONSE COEFFICIENT: _____ 0.144
 - h. RESPONSE MODIFICATION FACTOR: _____ 5.00
 - i. ANALYSIS PROCEDURE USED:
 - EQUIVALENT LATERAL FORCE PROCEDURE
- B. WIND
 - a. BASIC WIND SPEED - 3 SECOND GUST _____ 105 MPH
 - b. WIND IMPORTANCE FACTOR _____ 1.00
 - c. WIND EXPOSURE CATEGORY _____ C
 - d. INTERNAL PRESSURE COEFFICIENT _____ 0.55
- C. DESIGN LIVE LOADS
 - a. ROOF _____ 20 PSF
- D. ALLOWABLE FOUNDATION BEARING CAPACITIES
 - a. DEAD LOAD + LIVE LOAD _____ 3000 PSF
 - b. DEAD LOAD + LIVE LOAD + LATERAL LOAD _____ 4000 PSF

FOUNDATION:

- A. FOUNDATION DESIGN IS BASED ON GEOTECHNICAL INVESTIGATION BY HIRATA AND ASSOCIATES, INC. AND REPORT DATED APRIL 23, 2015.
- B. CONTRACTOR SHALL PROVIDE FOR DE-WATERING OF EXCAVATION FROM SURFACE WATER, GROUND WATER OR SEEPAGE.
- C. CONTRACTOR SHALL PROVIDE FOR DESIGN AND INSTALLATION OF ALL CRIBBING, SHEETING, AND SHORING NECESSARY TO PRESERVE EXCAVATIONS AND EARTH BANKS.
- D. FOOTINGS SHALL BEAR ON UNDISTURBED IN-SITU FIRM SOILS OR PROPERLY COMPACTED STRUCTURAL FILL. STRUCTURAL FILL SHALL CONSIST OF SELECT GRANULAR MATERIAL. BOTTOM OF FOOTINGS SHALL BE COMPACTED TO PROVIDE A RELATIVELY MEDIUM DENSE AND SMOOTH BEARING SURFACE PRIOR TO PLACEMENT OF REINFORCING STEEL AND CONCRETE. BOTTOM OF FOOTING EXCAVATION SHOULD BE THOROUGHLY MOISTENED, TAMPED AND CLEANED OF LOOSE MATERIAL PRIOR TO PLACEMENT OF REINFORCING STEEL AND CONCRETE. DUE TO THE COHESIONLESS NATURE AND POORLY GRADED CONDITION OF THE ONSITE SAND, IT MAY BE DIFFICULT TO MAINTAIN THE MEDIUM DENSE CONDITION OF THE SANDS EXPOSED AT THE BOTTOM OF FOOTING EXCAVATIONS. AS A RESULT, A THIN LAYER OF IMPORTED GRANULAR STRUCTURAL FILL MAY BE COMPACTED AT THE BOTTOM OF FOOTING EXCAVATIONS TO FACILITATE THE CONSTRUCTION OF FOUNDATIONS.

FOUNDATION (cont'd):

- E. IF SOFT AND/OR LOOSE MATERIALS ARE ENCOUNTERED AT THE BOTTOM OF FOOTING EXCAVATIONS, THEY SHALL BE OVER-EXCAVATED TO EXPOSE THE UNDERLYING MEDIUM DENSE MATERIALS. THE OVER-EXCAVATION SHALL BE BACKFILLED WITH STRUCTURAL FILL PLACED IN LIFTS NO GREATER THAN 8 INCHES IN LOOSE THICKNESS PRIOR TO COMPACTION, AND COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION AS DETERMINED BY ASTM D1557.
- F. SLAB-ON-GRADE SUBGRADES SHALL BEAR ON UNDISTURBED IN-SITU FIRM SOILS OR PROPERLY COMPACTED STRUCTURAL FILL. STRUCTURAL FILL SHALL CONSIST OF SELECT GRANULAR MATERIAL. SLAB-ON-GRADE SUBGRADES SHALL BE COMPACTED TO A MINIMUM OF 90% RELATIVE COMPACTION AS DETERMINED BY ASTM D1557.
- G. IF SOFT AND/OR LOOSE MATERIALS ARE ENCOUNTERED AT THE BOTTOM OF SLAB-ON-GRADE EXCAVATIONS, THEY SHALL BE OVER-EXCAVATED TO EXPOSE THE UNDERLYING MEDIUM DENSE MATERIALS. THE OVER-EXCAVATION SHALL BE BACKFILLED WITH STRUCTURAL FILL PLACED IN LIFTS NO GREATER THAN 8 INCHES IN LOOSE THICKNESS PRIOR TO COMPACTION, AND COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION AS DETERMINED BY ASTM D1557.
- H. CONTRACTOR SHALL BRACE OR PROTECT ALL WALLS BELOW GRADE FROM LATERAL LOADS UNTIL ATTACHING FLOORS ARE COMPLETELY IN PLACE AND HAVE ATTAINED THEIR FULL DESIGN STRENGTH
- I. SITE PREPARATION - THE PROJECT SITE SHOULD BE CLEARED OF ALL VEGETATION, DEBRIS, AND OTHER DELETERIOUS MATERIAL. IN AREAS REQUIRING FILL PLACEMENT, THE EXPOSED SUBGRADE SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 6 INCHES, MOISTURE CONDITIONED TO ABOUT 2 PERCENT ABOVE OPTIMUM MOISTURE, AND COMPACTED TO A MINIMUM 90 PERCENT COMPACTION AS DETERMINED BY ASTM D 1557.
- J. DUE TO COHESIONLESS NATURE AND POORLY GRADED CONDITION OF THE ONSITE SAND, IT MAY BE DIFFICULT TO MAINTAIN THE MEDIUM DENSE CONDITION OF THE SANDS EXPOSED AT THE BOTTOM OF FOOTING EXCAVATIONS TO FACILITATE THE CONSTRUCTION OF FOUNDATIONS. AS A RESULT, A THIN LAYER OF IMPORTED GRANULAR STRUCTURAL FILL MAY BE COMPACTED AT THE BOTTOM OF FOOTING EXCAVATIONS TO FACILITATE THE CONSTRUCTION OF FOUNDATIONS.
- K. ONSITE FILL MATERIAL - IMPORTED STRUCTURAL FILL SHOULD BE WELL-GRADED, NON-EXPANSIVE GRANULAR MATERIAL. SPECIFICATIONS FOR IMPORTED GRANULAR STRUCTURAL FILL SHALL INDICATE A MAXIMUM PARTICLE SIZE OF 3 INCHES, AND STATE THAT BETWEEN 8-20 PERCENT OF SOIL BY WEIGHT SHALL PASS THE #200 SIEVE. IN ADDITION, THE PLASTICITY INDEX (P.I.) OF THAT PORTION OF SOIL PASSING THE #40 SIEVE SHALL NOT BE GREATER THAN 10. GRANULAR STRUCTURAL FILL SHOULD ALSO HAVE A MINIMUM CBR VALUE OF 15 AND A CBR EXPANSION VALUE LESS THAN 1.0 PERCENT WHEN TESTED IN ACCORDANCE WITH ASTM D 1883.
- L. THE GEOTECHNICAL ENGINEER SHALL BE RETAINED DURING CONSTRUCTION AND SHALL BE PRESENT TO OBSERVE THE SITE PREPARATION, PLACEMENT OF FILL AND BACKFILL, AND FOOTING AND SLAB SUBGRADE EXCAVATIONS, COMPACTION, AND PREPARATION.

CONCRETE:

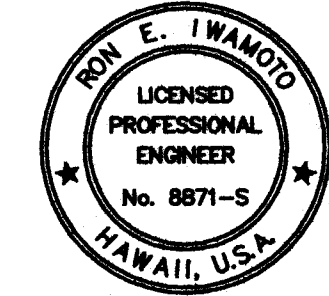
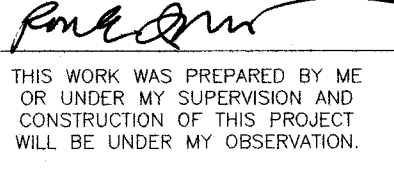
- A. CONCRETE CONSTRUCTION SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE ACI 318R-05.
- B. CONCRETE SHALL BE REGULAR WEIGHT HARD ROCK CONCRETE AND SHALL HAVE THE FOLLOWING MINIMUM 28 DAY COMPRESSIVE STRENGTHS:
 - a. FOOTINGS _____ 3,000 PSI
 - b. SLABS ON GRADE _____ 4,000 PSI
 - c. COLUMNS _____ 4,000 PSI
 - d. ALL OTHER CONCRETE _____ 3,000 PSI
- C. CONCRETE DELIVERY TICKETS SHALL RECORD ALL FREE WATER IN THE MIX: AT BATCHING BY PLANT, FOR CONSISTENCY BY DRIVER, AND ANY ADDITIONAL REQUEST BY CONTRACTOR IF PERMITTED BY THE MIX DESIGN.
- D. ALL INSERTS, ANCHOR BOLTS, PLATES, AND OTHER ITEMS TO BE CAST IN THE CONCRETE SHALL BE HOT-DIPPED GALVANIZED UNLESS OTHERWISE NOTED.
- E. REINFORCING BARS, ANCHOR BOLTS, INSERTS, AND OTHER ITEMS TO BE CAST IN THE CONCRETE SHALL BE SECURED IN POSITION PRIOR TO PLACEMENT OF CONCRETE.

CONCRETE (cont'd):

- F. CONDUITS, PIPES, AND SLEEVES PASSING THROUGH A SLAB OR FOOTING AND NOT CONFORMING TO TYPICAL DETAILS SHALL BE LOCATED AND SUBMITTED TO THE ENGINEER FOR APPROVAL.
- G. CONDUITS, PIPES, AND SLEEVES EMBEDDED WITHIN A SLAB (OTHER THAN THOSE MERELY PASSING THROUGH) SHALL BE:
 - A. NO LARGER IN OUTSIDE DIMENSIONS THAN ONE THIRD THE OVERALL SLAB OR WALL THICKNESS IN WHICH THEY ARE EMBEDDED.
 - B. PLACED IN THE MIDDLE ONE THIRD OF SLAB OR WALL THICKNESS
 - C. SPACED NO CLOSER THAN THREE DIAMETERS OR WIDTHS ON CENTER.
- H. CONDUITS, PIPES, AND SLEEVES SHALL NOT BE PLACED THROUGH OR EMBEDDED IN A BEAM UNLESS SPECIFICALLY DETAILED.
- I. THE CONTRACTOR SHALL LOCATE CONSTRUCTION JOINTS SO AS NOT TO IMPAIR THE STRENGTH OF THE STRUCTURE AND TO MINIMIZE SHRINKAGE STRESSES. SUBMIT LOCATION OF CONSTRUCTION JOINTS TO THE ENGINEER FOR APPROVAL, UNLESS OTHERWISE NOTED.
- J. SEE ARCHITECTURAL DRAWINGS FOR CHAMFERS, EDGE RADII, DRIPS, REGLETS, FINISHES AND OTHER NON-STRUCTURAL ITEMS NOT SHOWN OR SPECIFIED ON THE STRUCTURAL DRAWINGS.
- K. NON-SHRINK GROUT SHALL BE A PREMIXED NON-METALLIC FORMULA, CAPABLE OF DEVELOPING A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI IN 1 DAY AND 5,000 PSI IN 28 DAYS.
- L. THE ENGINEER SHALL BE NOTIFIED AT LEAST 3 WORKING DAYS PRIOR TO ANY CONCRETE POUR. NO CONCRETE SHALL BE POURED PRIOR TO OBSERVATION BY THE ENGINEER OR HIS REPRESENTATIVE.

REINFORCING STEEL:

- A. REINFORCING STEEL (FOR NORMAL USE, NOT WELDED) SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60.
- B. CLEAR CONCRETE COVER FOR REINFORCING BARS SHALL BE AS FOLLOWS, UNLESS OTHERWISE NOTED:
 - a. FOOTINGS, ETC. CAST AGAINST EARTH _____ 3"
 - b. FOOTINGS, ETC. FORMED AND EXPOSED TO EARTH OR WEATHER _____ 2"
 - c. COLUMNS FORMED & EXPOSED TO EARTH OR WEATHER _____ 1½"
- C. CLEAR DISTANCE BETWEEN THE SURFACE OF A BAR AND ANY SURFACE OF A MASONRY UNIT SHALL BE NOT LESS THAN 1/2 INCH, UNLESS OTHERWISE NOTED.
- D. REINFORCING STEEL SHALL BE SPLICED WHERE INDICATED ON PLANS. PROVIDE LAP SPLICE LENGTH PER TYPICAL DETAILS AND SCHEDULE, UNLESS OTHERWISE NOTED.
- E. BAR LAPS SHALL BE MADE AWAY FROM POINTS OF MAXIMUM STRESS. UNLESS NOTED OTHERWISE, SPLICES, LAPS, DWEL EXTENSIONS AND EMBEDMENTS SHALL BE 48 BAR DIAMETERS, BUT NOT LESS THAN 24 INCHES. SPLICES SHALL BE STAGGERED WHERE POSSIBLE.
- F. UNLESS OTHERWISE NOTED, ALL HORIZONTAL REINFORCING STEEL AT WALL AND WALL FOOTING CORNERS AND INTERSECTIONS SHALL EXTEND TO THE FAR FACE OF THE CORNER AND HOOKED A LENGTH OF 48 BAR DIAMETERS, BUT NOT LESS THAN 24 INCHES, AROUND THE CORNER.
- G. BAR BENDS AND HOOKS SHALL BE "STANDARD HOOKS" IN ACCORDANCE WITH ACI 318.

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII GENERAL NOTES					
		4/30/16 EXP. DATE			
DESIGNED:	RI	SUBMITTED:	GC	ML	
DRAWN:	IB	DATE:	03/15/2016		
CHECKED:	RI	SCALE:			
APPROVED  CHIEF ENGINEER		MAR 23 2016 DATE		DRAWING NO. S0.00	

CONCRETE MASONRY UNITS (CMU):

- A. REINFORCED MASONRY ASSEMBLIES SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1500 PSI.
- B. CONCRETE MASONRY UNITS SHALL BE TYPE II, NORMAL WEIGHT HOLLOW LOAD-BEARING UNITS CONFORMING TO ASTM C-90 AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1,900 PSI.
- C. MORTAR SHALL BE TYPE "M" CONFORMING TO ASTM C270 AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI AT 28 DAYS.
- D. GROUT SHALL CONFORM TO ASTM C476 AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI AT 28 DAYS.
- E. ALL CELLS AND BOND COURSES WITH REINFORCEMENT AND INSERTS SHALL BE SOLID GROUTED. CLEANOUTS SHALL BE PROVIDED FOR ALL GROUT POURS OVER 5'-4" IN HEIGHT.
- F. WHEN GROUTING IS STOPPED FOR ONE HOUR OR LONGER, HORIZONTAL CONSTRUCTION JOINTS SHALL BE FORMED BY STOPPING THE GROUT POUR 1 1/2 INCHES BELOW THE TOP OF THE UPPERMOST UNIT.
- G. CONDUITS SHALL BE LOCATED A MINIMUM OF TWO CELLS AWAY FROM WALL ENDS, CORNERS, AND INTERSECTIONS.
- H. THE CONTRACTOR SHALL LOCATE CONSTRUCTION JOINTS SO AS NOT TO IMPAIR THE STRENGTH OF THE STRUCTURE AND TO MINIMIZE SHRINKAGE STRESSES.
- I. WALLS SHALL BE CONSTRUCTED IN CONVENTIONAL RUNNING BOND, UNLESS OTHERWISE NOTED.
- J. SEE ARCHITECTURAL DRAWINGS FOR LAYING PATTERN, HEIGHT OF UNITS, SURFACE TEXTURE, AND JOINT TYPE.
- K. UNLESS OTHERWISE NOTED, CMU WALLS SHALL BE REINFORCED AS FOLLOWS:
8 INCHES THICK #4@16" O.C. VERTICAL REINF 2-#4@48" HORIZ REINF

STRUCTURAL STEEL:

- A. FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL OF STEEL CONSTRUCTION, THIRTEENTH EDITION.
- B. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 UNLESS OTHERWISE NOTED.
- C. STEEL WIDE FLANGE SECTIONS SHALL CONFORM TO ASTM A992.
- D. STEEL PIPES SHALL CONFORM TO ASTM A53, GRADE B.
- E. STEEL TUBES SHALL CONFORM TO ASTM A500, GRADE B
- F. HIGH-STRENGTH BOLTS FOR STRUCTURAL STEEL TO STRUCTURAL STEEL CONNECTIONS SHALL CONFORM TO ASTM A325, TYPE N. USE LOAD INDICATOR WASHERS.
- G. ANCHOR RODS FOR STRUCTURAL STEEL TO CONCRETE PEDESTAL OR FOOTING ANCHORAGE SHALL CONFORM TO ASTM F1554 GRADE 36 UNLESS OTHERWISE NOTED.
- H. WELDS AND WELDING PROCEDURES SHALL CONFORM TO THE STRUCTURAL WELDING CODE AWS D1.1 OF THE AMERICAN WELDING SOCIETY.
- I. WELDING SHALL BE PERFORMED BY WELDERS PREQUALIFIED FOR WELDING PROCEDURES TO BE USED.
- J. WELDING ELECTRODES SHALL BE E70XX.
- K. ALL STEEL SHALL BE PRIME PAINTED IN THE SHOP.
- L. EXPOSED STEEL SHALL BE HOT-DIPPED GALVANIZED.

STRUCTURAL COLD-FORMED METAL FRAMING:

- A. FABRICATION AND ERECTION OF GAGE METAL STRUCTURES SHALL BE IN ACCORDANCE WITH THE AMERICAN IRON AND STEEL INSTITUTE SPECIFICATIONS, 2001 EDITION WITH 2004 SUPPLEMENT.
- B. COLD-FORMED STEEL MEMBERS AND ACCESSORIES SHALL BE OF THE TYPE AND GAGE CALLED FOR ON THE DRAWINGS. MEMBER DESIGNATIONS ARE PER STEEL STUD MANUFACTURER'S ASSOCIATION.
- C. ALL MEMBERS 16, 14, AND 12 GAGE SHALL MEET THE REQUIREMENTS OF ASTM A 653 SS GRADE 50 CLASS 1. ALL MEMBERS 20 AND 18 GAGE SHALL MEET THE REQUIREMENTS OF ASTM A 653 SS GRADE 33.

STRUCTURAL COLD-FORMED METAL FRAMING (cont'd):

- D. PREFABRICATED FRAMING HARDWARE SHALL BE SIMPSON STRONG TIE GALVANIZED, OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
- E. SCREWS SHALL BE SELF-DRILLING, SELF-TAPPING, GAGE METAL SCREWS. MINIMUM EDGE DISTANCE AND CENTER TO CENTER SPACING SHALL BE 3/4 INCH.
- F. SCREWS FASTENING PLYWOOD SHEATHING INTO LIGHT GAUGE STEEL SHALL BE MINIMUM #8 SCREWS BY 1" FLAT HEAD WITH A MINIMUM HEAD DIAMETER OF 0.292 INCH. FOR LIGHT GAUGE STEEL CONNECTIONS BENEATH PLYWOOD SHEATHING, MINIMUM #8 SCREWS BY 5/8" WAFER HEAD SCREWS SHALL BE PROVIDED UNLESS OTHERWISE NOTED.
- G. SCREWS FASTENING GYPBOARD SHEATHING INTO LIGHT GAUGE STEEL SHALL BE MINIMUM #6 SCREWS BY 1", UNLESS OTHERWISE NOTED.
- H. PLACE A LAYER OF 30# ROOFING FELT BETWEEN ALL COLD-FORMED METAL MEMBERS AND CONCRETE OR MASONRY SURFACES.

OPEN WEB STEEL JOISTS:

- A. OPEN WEB STEEL JOISTS SHALL CONFORM TO THE STEEL JOIST INSTITUTE SPECIFICATIONS OF LATEST ADOPTION.
- B. OPEN WEB STEEL JOIST MEMBERS SHALL BE OF THE TYPE AND DESIGNATION CALLED FOR ON THE DRAWINGS.
- C. OPEN WEB STEEL JOISTS SHALL BE CAMBERED AS REQUIRED BY THE JOIST MANUFACTURER.
- D. BRIDGING COMPLYING WITH THE STEEL JOIST INSTITUTE SPECIFICATIONS SHALL BE PROVIDED FOR ALL OPEN WEB STEEL JOISTS. SEE ROOF FRAMING PLAN FOR MINIMUM BRIDGING REQUIREMENTS.
- E. OPEN WEB STEEL JOIST DESIGN LOADS:
 - a. ROOF DEAD LOAD _____ 15 PSF
 - b. ROOF DEAD LOAD FOR NET WIND UPLIFT _____ 30 PSF
 - c. ROOF LIVE LOAD _____ 20 PSF
 - d. FOR WIND UPLIFT LOADS SEE WIND UPLIFT DIAGRAM ON SHEET S7.04
 - e. FOR CONCENTRATED LOADS SEE CONCENTRATED LOAD DIAGRAM ON SHEET S7.05

METAL DECK:

- A. METAL DECK AND ACCESSORIES SHALL BE OF THE TYPE AND GAGE CALLED FOR ON THE DRAWINGS.
- B. METAL DECK AND ACCESSORIES SHALL BE FORMED FROM STEEL SHEETS CONFORMING TO ASTM 653 SS GRADE 33, MINIMUM YIELD STRENGTH 33 KSI, WITH G90 GALVANIZED COATING.
- C. DECK SHALL BE THREE SPAN CONTINUOUS WHERE POSSIBLE. DO NOT LOCATE SINGLE SPANS AT EDGES OR CORNERS.
- D. WELDING OF METAL ROOF DECK
 - a. SEE ROOF FRAMING PLAN FOR EXTENT AND ORIENTATION OF METAL DECK.
 - b. AT EACH SUPPORT, PROVIDE MINIMUM 5-5/8" DIAMETER PUDDLE WELDS
 - c. AT EACH SUPPORT PARALLEL TO METAL DECK, PROVIDE MINIMUM 5/8" DIAMETER PUDDLE WELDS AT 18" OC.
 - d. ALONG SEAMS AND CONNECT SIDE LAPS BY BUTTON PUNCHING @ 36" ON CENTERS.
- E. WELDING OF METAL DECK SHALL BE PERFORMED BY CERTIFIED LIGHT GAGE STEEL WELDERS.

STRUCTURAL LUMBER:

- A. STRUCTURAL LUMBER SHALL BE TERMITE AND ROT PRESSURE PRESERVATIVE TREATED COASTAL DOUGLAS FIR CONFORMING TO STANDARD GRADING AND DRESSING RULES OF THE WEST COAST LUMBER INSPECTION BUREAU (WCLIB).
- B. UNLESS OTHERWISE NOTED, STRUCTURAL MEMBERS SHALL HAVE THE FOLLOWING GRADES OR BETTER:
 - a. 2x PURLINS AND RAFTERS _____ GRADE NO. 1
 - b. 4x TOP PLATES _____ GRADE NO. 1
 - c. MISCELLANEOUS _____ GRADE NO. 2
- C. SHEATHING SHALL BE IDENTIFIED WITH THE APPROPRIATE TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION, AND SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF U.S. PRODUCT STANDARD PS 1 OR APA'S PERFORMANCE STANDARDS.
 - a. ROOF SHEATHING SHALL BE TONGUE AND GROOVE CDX APA RATED SHEATHING, EXPOSURE 1, 32/16 SPAN RATING.
 - b. INTERIOR WALL SHEATHING SHALL BE CDX APA RATED SHEATHING, EXPOSURE 1, 16" OC SPAN RATING.
- D. 2x ROOF FLOOR DECKING SHALL BE SELECTED DECKING GRADE.
- E. PROVIDE MINIMUM NAILING PER TABLE 2304.9.1 OF THE INTERNATIONAL BUILDING CODE, UNLESS OTHERWISE NOTED.
- F. ALL NAILS SHALL BE GALVANIZED COMMON NAILS. ALL NAILS IN EXPOSED, EXTERIOR CONNECTIONS SHALL BE HOT DIPPED GALVANIZED.
- G. BOLTS SHALL CONFORM TO ASTM A307, AND SHALL BE GALVANIZED.
- H. PREFABRICATED FRAMING HARDWARE SHALL BE GALVANIZED SIMPSON STRONG TIE HARDWARE, MINIMUM ZMAX COATING, OR APPROVED EQUAL. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- I. PLACE A LAYER OF 30# ROOFING FELT BETWEEN ALL WOOD MEMBERS AND CONCRETE OR MASONRY SURFACES.

GLUED LAMINATED TIMBER:

- A. ALL MATERIALS, FABRICATION, AND QUALITY CONTROL SHALL CONFORM TO THE AMERICAN NATIONAL STANDARD ANSI/AITC A190.1.
- B. GLUED LAMINATED TIMBER SHALL BE TERMITE AND ROT PRESSURE TREATED DOUGLAS FIR.
- C. SIMPLE SPAN GLUED LAMINATED TIMBER SHALL BE 24F-V8 WITH 1,600 FOOT RADIUS CAMBER.
- D. CANTILEVER OR CONTINUOUS GLUED LAMINATED TIMBER SHALL BE 24F-V8 WITH CAMBER AS SHOWN ON THE DRAWINGS.
- E. ADHESIVE SHALL BE FOR WET CONDITION OF USE.
- F. EXPOSED AND PARTIALLY EXPOSED MEMBERS SHALL BE ARCHITECTURAL APPEARANCE GRADE. CONCEALED MEMBERS SHALL BE INDUSTRIAL APPEARANCE GRADE.
- G. PREFABRICATED FRAMING HARDWARE SHALL BE GALVANIZED SIMPSON STRONG TIE HARDWARE, OR APPROVED EQUAL. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

REVISION NO.	SYM.	DESCRIPTION	SHT./JOB	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII GENERAL NOTES					
DESIGNED: RI		SUBMITTED: <i>gc</i>		DATE: 03/15/2016	
DRAWN: IB		CHECKED: RI		SCALE:	
APPROVED: <i>Ron E. Iwamoto</i>		DATE: MAR 23 2016		DRAWING NO. S0.01	
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. CHIEF ENGINEER					

SPECIAL INSPECTION:

- A. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT SPECIAL INSPECTION OF PORTIONS OF THE WORK, AS REQUIRED BY THE BUILDING CODE OF THE COUNTY OF MAUI, IS MADE AT THE APPROPRIATE TIME. THE CONTRACTOR SHALL GIVE TIMELY NOTICE OF WHEN AND WHERE INSPECTIONS ARE TO BE MADE AND PROVIDE ACCESS FOR THE INSPECTOR. THE CONTRACTOR SHALL CORRECT DEFECTIVE WORK AT NO ADDITIONAL COST TO THE OWNER AND PAY FOR RE-INSPECTION.
- B. THE FOLLOWING STRUCTURAL WORK REQUIRES SPECIAL INSPECTION:
 - a. CONCRETE CONSTRUCTION
 - b. STEEL CONSTRUCTION
 - c. STRUCTURAL WELDING
 - d. HIGH STRENGTH BOLTING
 - e. MASONRY CONSTRUCTION
 - f. COMPLETE LOAD PATH AND UPLIFT TIES
- C. PERIODIC INSPECTION OF THE REINFORCING OF ALL CONCRETE FOOTINGS SHALL BE REQUIRED.
- D. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE OWNER, LICENSED ENGINEER OR ARCHITECT OF RECORD, AND OTHER OWNER-DESIGNATED PERSONS. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT TO THE OWNER AND LICENSED ENGINEER OR ARCHITECT OF RECORD, STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE TO THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THIS CODE. PRIOR TO THE FINAL INSPECTION REQUIRED UNDER THE BUILDING CODE SECTION 109.3.10 THE LICENSED ENGINEER OR ARCHITECT OF RECORD SHALL SUBMIT A WRITTEN STATEMENT VERIFYING RECEIPT OF THE FINAL INSPECTION REPORTS AND DOCUMENTING THAT THERE ARE NO UNRESOLVED CODE REQUIREMENTS THAT CREATE SIGNIFICANT PUBLIC SAFETY DEFICIENCIES.
- E. CONTRACTOR SHALL SUBMIT A STATEMENT CONTAINING AN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED ON THE DRAWINGS AND THAT THE CONSTRUCTION REQUIRING SPECIAL INSPECTIONS WILL BE MADE ACCESSIBLE FOR INSPECTIONS.

IBC TABLE 1704.3 - REQUIRED BY VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION				
VERIFICATION OF HIGH STRENGTH BOLTS, NUTS AND WASHERS	CONTINUOUS*	PERIODIC**	REFERENCED STANDARD	IBC REFERENCE
1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS:				
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	---	X	APPLICABLE ASTM MATERIAL SPECIFICATIONS; AISC 360, SECTION A3.3	---
B. MANUFACTURERS CERTIFICATE OF COMPLIANCE REQUIRED.	---	X	---	---
2. INSPECTION OF HIGH-STRENGTH BOLTING:				
A. BEARING-TYPE CONNECTIONS.	---	X	AISC 360, SECTION M2.5	1704.3.3
B. SLIP-CRITICAL CONNECTIONS.	---	---		
3. MATERIAL VERIFICATION OF STRUCTURAL STEEL:				
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	---	---	ASTM A 6 OR ASTM A 568	1708.4
B. MANUFACTURERS' CERTIFIED MILL TEST REPORTS.	---	---	ASTM A 6 OR ASTM A 568	
4. MATERIAL VERIFICATION OF WELD FILLER MATERIALS:				
A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	---	---	AISC 360, SECTION A3.5	---
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	---	---	---	---
5. INSPECTION OF WELDING:				
A. STRUCTURAL STEEL:				
1. COMPLETE AND PARTIAL PENETRATION GROOVE WELDS.	X	---	AWS D1.1	1704.3.2
2. MULTIPASS FILLET WELDS.	X	---		
3. SINGLE-PASS FILLET WELDS > 5/16"	X	---		
4. SINGLE-PASS FILLET WELDS ≤ 5/16"	---	X		
5. FLOOR AND ROOF DECK WELDS.	---	X	AWS D1.3	---
B. REINFORCING STEEL				
1. REINFORCING STEEL-RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE SHEAR WALLS AND SHEAR REINFORCEMENT.	X	---	AWS D1.4 ACI 318: 3.5.2	---
2. SHEAR REINFORCEMENT.	X	---	---	---
3. OTHER REINFORCING STEEL.	---	X	---	---
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS:				
A. DETAILS SUCH AS BRACING AND STIFFENING.	---	X	---	1704.3.2
B. MEMBER LOCATIONS.	---	---	---	
C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION.	---	---	---	

IBC TABLE 1704.4 - REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION				
VERIFICATION AND INSPECTION	CONTINUOUS*	PERIODIC**	REFERENCED STANDARD	IBC REFERENCE
1. INSPECTION OF REINFORCING STEEL, INCLUDING PLACEMENT.	---	X	ACI 318: 3.5, 7.1-7.7	1913.4
2. INSPECT BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED.	X	---	---	1911.5
3. VERIFYING USE OF REQUIRED DESIGN MIX.	---	X	ACI 318: CH. 4, 5.2-5.4	1904.2.2, 1913.2, 1913.3
4. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	---	ASTM C 172, ASTM C 31, ACI 318: 5.6, 5.8	1913.10
5. INSPECTION OF CONCRETE AND PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	---	X	ACI 318: 5.9, 5.10	1913.6, 1913.7, 1913.8
6. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	---	X	ACI 318: 5.11-5.13	1913.9
7. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	---	X	ACI 318: 6.1.1	---

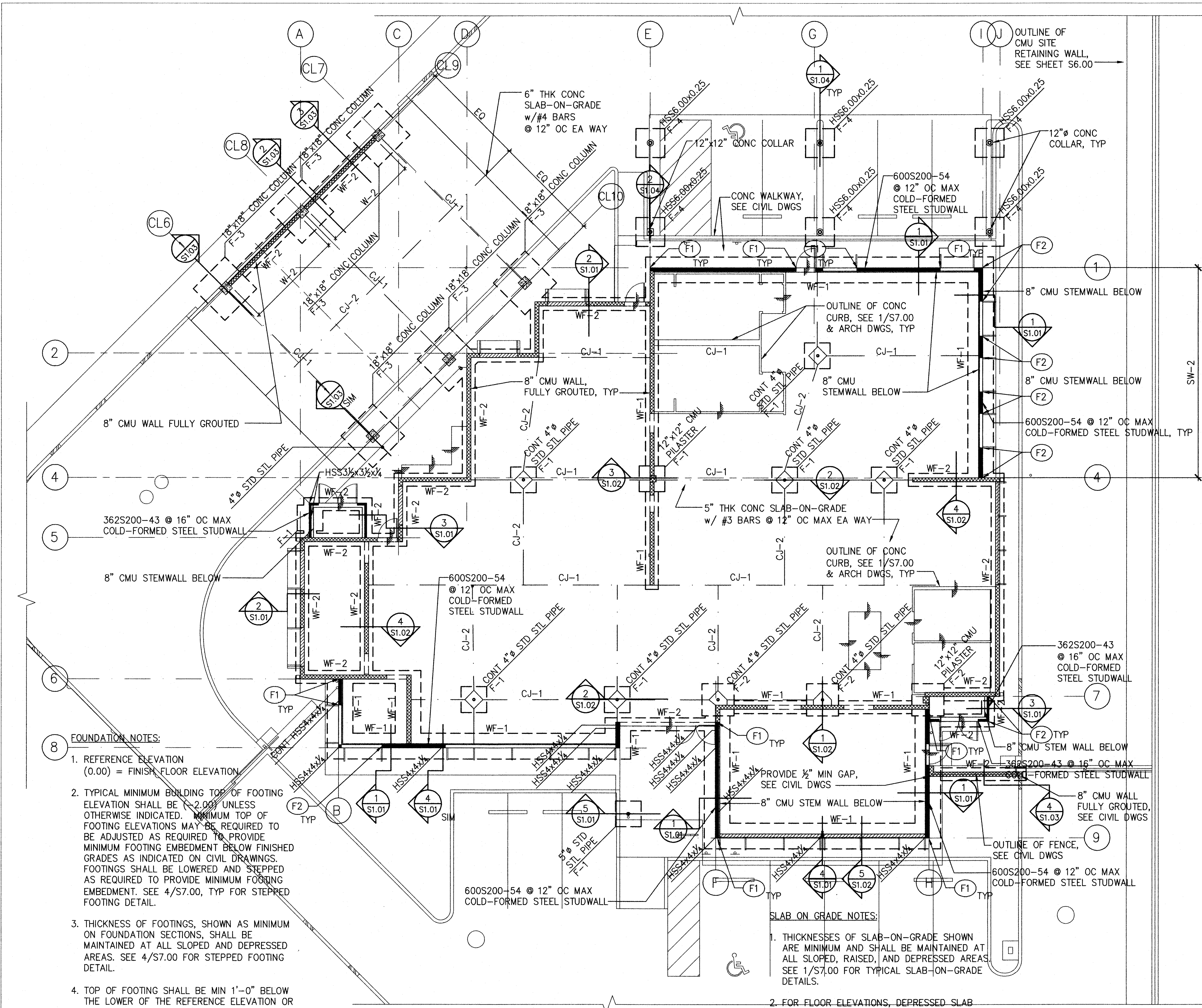
IBC TABLE 1704.5.1 - REQUIRED VERIFICATION & INSPECTION OF MASONRY CONSTRUCTION - LEVEL 1 SPECIAL INSPECTION					
INSPECTION TASK	CONTINUOUS*	PERIODIC**	REFERENCED FOR CRITERIA		
			IBC SECTION	ACI 530/ASCE5/TMS 402	ACI 530.1/ASCE6/TMS 602
1. AS MASONRY CONSTRUCTION BEGINS, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:					
A. PROPORTIONS OF SITE-PREPARED MORTAR.	---	X	---	---	ART. 2.6A
B. CONSTRUCTION OF MORTAR JOINTS.	---	X	---	---	ART. 3.3B
C. LOCATION OF REINFORCEMENT, CONNECTORS, AND ANCHORAGE.	---	X	---	SEC. 1.13	ART. 3.4, 3.6A
2. THE INSPECTION PROGRAM SHALL VERIFY:					
A. SIZE AND LOCATION OF STRUCTURAL ELEMENTS.	---	X	---	---	ART. 3.3G
B. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION.	---	X	---	SEC. 1.2.2(E), 2.1.4, 3.1.6	---
C. SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT.	---	X	---	SEC. 1.13	ART. 2.4, 3.4
D. PROTECTION OF MASONRY DURING WEATHER (TEMPERATURE ABOVE 90°F).	---	X	SEC. 2104.3, 2104.4	---	ART. 1.8C, 1.8D
3. PRIOR TO GROUTING, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:					
A. GROUT SPACE IS CLEAN.	---	X	---	---	ART. 3.2D
B. PLACEMENT OF REINFORCEMENT AND CONNECTORS AND ANCHORAGES.	---	X	---	SEC. 1.13	ART. 3.4
C. CONSTRUCTION OF MORTAR JOINTS.	---	X	---	---	ART. 3.3DB
4. GROUT PLACEMENT SHALL BE VERIFIED TO ENSURE COMPLIANCE WITH CODE AND CONSTRUCTION DOCUMENT PROVISIONS.	X	---	---	---	ART. 3.5
5. PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS SHALL BE OBSERVED.	X	---	SEC. 2105.2.2, 2105.3	---	ART. 1.4
6. COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED.	---	X	---	---	ART. 1.5

SPECIAL INSPECTION TABLE LEGEND
 X REQUIRED FOR INSPECTION
 --- NOT REQUIRED FOR INSPECTION

* CONTINUOUS SPECIAL INSPECTION IS DEFINED AS "THE FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING DONE." PER THE IBC 2006

** PERIODIC SPECIAL INSPECTION IS DEFINED AS "THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK." PER THE IBC 2006

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII GENERAL NOTES					
DESIGNED: RI		SUBMITTED: <i>ce</i>			
DRAWN: IB		DATE: 03/15/2016			
CHECKED: RI		SCALE:			
APPROVED: <i>[Signature]</i> CHIEF ENGINEER			DATE: MAR 23 2016		DRAWING NO. S0.02

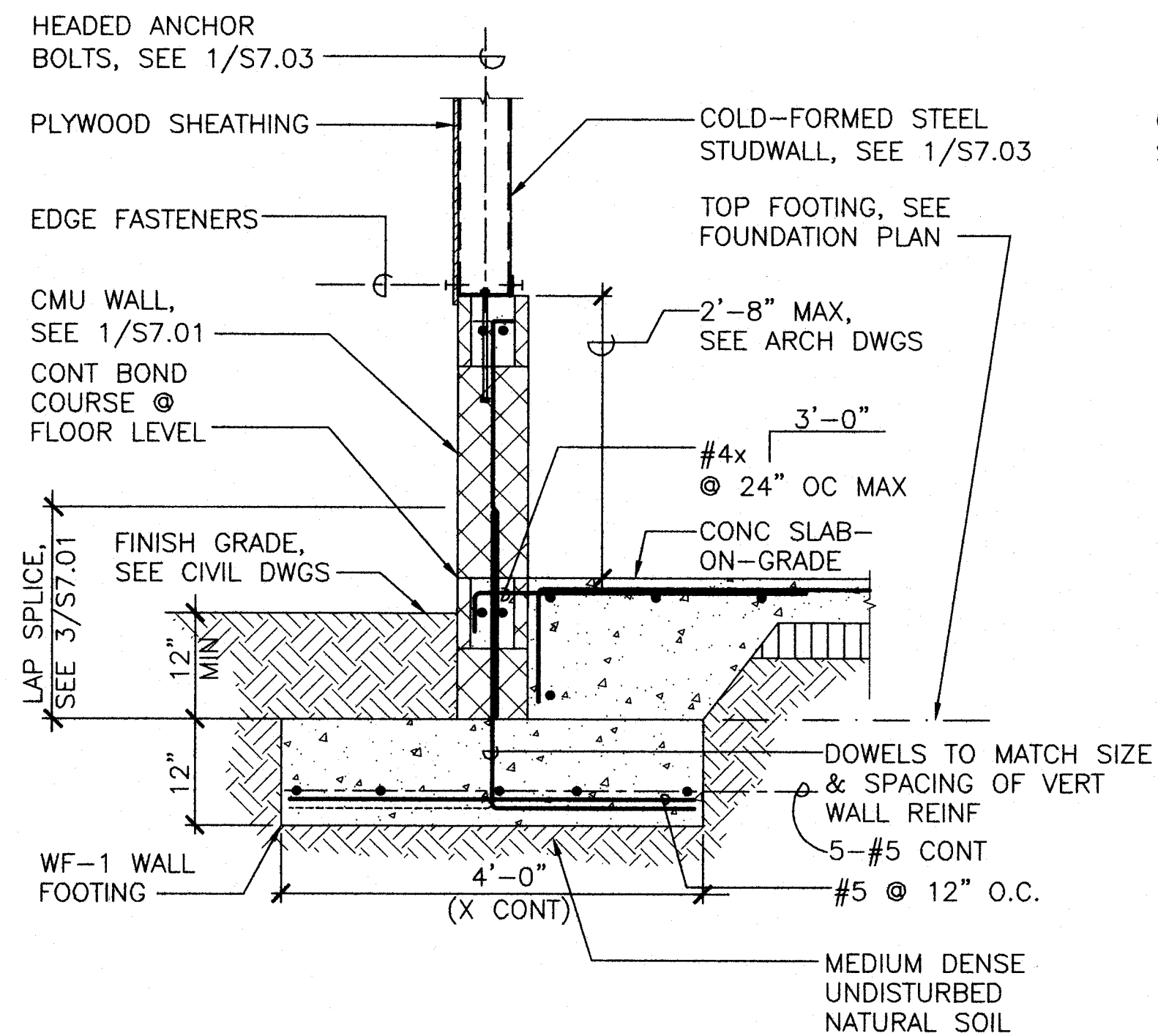


FOUNDATION CONNECTOR SCHEDULE		
MARK	CONNECTOR TYPE	REMARKS
F1	SIMPSON S/HDU4 OR APP EQ	FASTEN TO MINIMUM 2 COLD FORMED STEEL MINIMUM STUDS, OR AT ALL JAMB LOCATIONS. PROVIDE 3/8" Ø HEADED ANCHOR ROD EXTENDED TO BOTTOM OF FOOTING REINF STEEL.
F2	SIMPSON S/HDU9 OR APP EQ	FASTEN TO MINIMUM 2 COLD FORMED STEEL MINIMUM STUDS, OR AT ALL JAMB LOCATIONS. PROVIDE 3/8" Ø HEADED ANCHOR ROD EXTENDED TO BOTTOM OF FOOTING REINF STEEL.

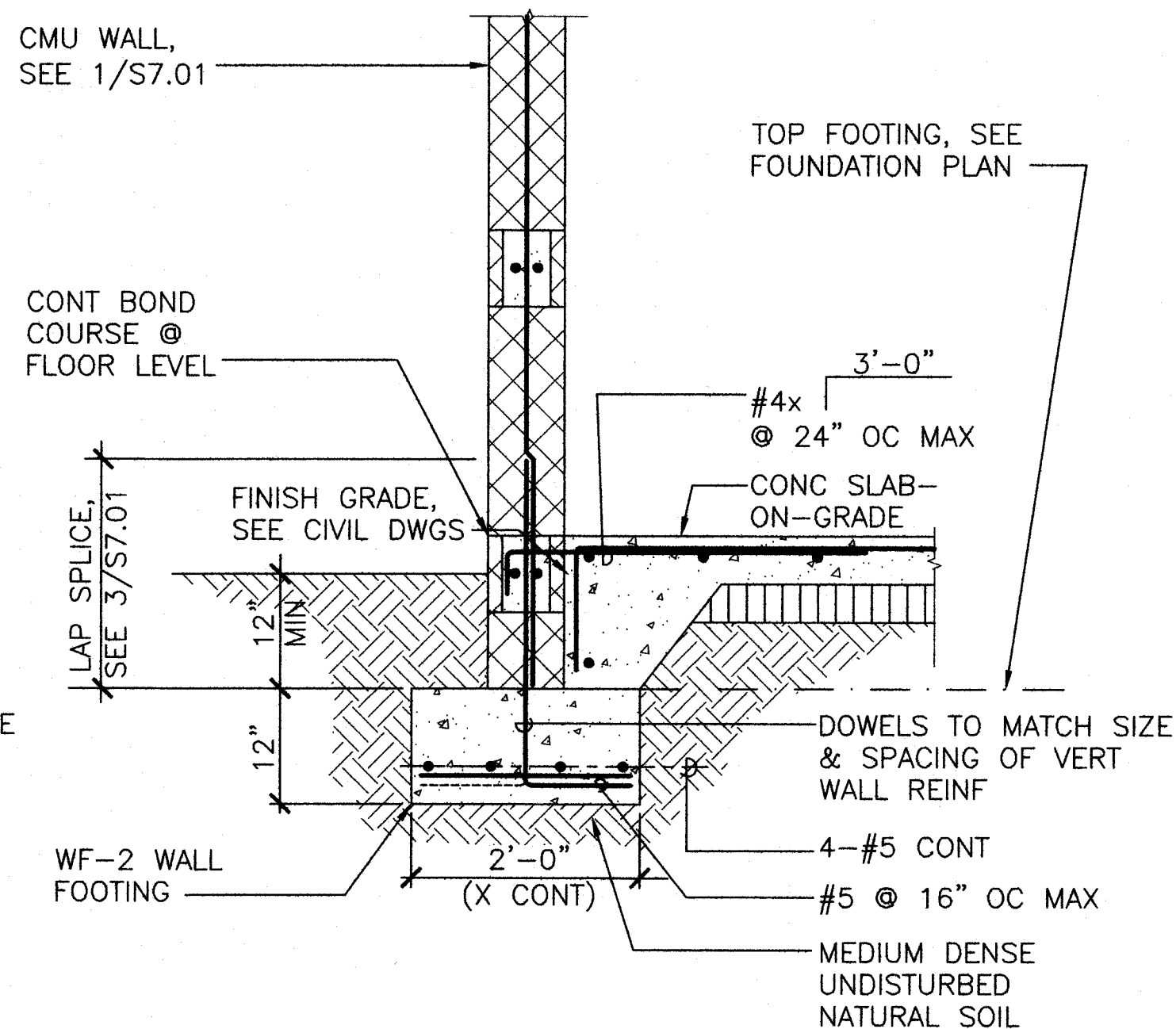
- LEGEND:**
- (-2.00) INDICATES MINIMUM TOP OF FOOTING ELEVATION RELATIVE TO FINISH FLOOR ELEVATION
 - WF-1 INDICATES WALL FOOTING TYPE. SEE FOUNDATION SECTIONS.
 - W-1 INDICATES CMU WALL. SEE 1/S7.01 FOR CMU WALL SCHEDULE. ALL CMU WALLS ARE WALL TYPE W-1 UNLESS OTHERWISE NOTED.
 - F-1 INDICATES COLUMN FTG TYPE. SEE FOUNDATION SECTIONS
 - INDICATES DEPRESSED SLAB OR CHANGE IN SLAB ELEVATION. SEE ARCH DRAWINGS.
 - INDICATES PARTIAL HEIGHT CMU WALL
 - INDICATES FULL HEIGHT CMU WALL
 - INDICATES FULL HEIGHT CMU COLUMN
 - INDICATES FULL HEIGHT COLD-FORMED STEEL STUDWALL
 - INDICATES PARTIAL HEIGHT COLD-FORMED STEEL STUDWALL
 - F3 INDICATES FOUNDATION CONNECTOR TYPE. SEE FOUNDATION CONNECTOR SCHEDULE THIS SHEET
 - SW-1 INDICATES PLYWOOD SHEARWALL TYPE, SEE 2/S7.03. ALL COLD-FORMED STEEL STUDWALLS SHALL BE PLWOOD SHEARWALL TYPE SW-1 UNLESS OTHERWISE NOTED
 - CJ-1 INDICATES TYPICAL SLAB JOINT TYPE. SEE 2/S7.00

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

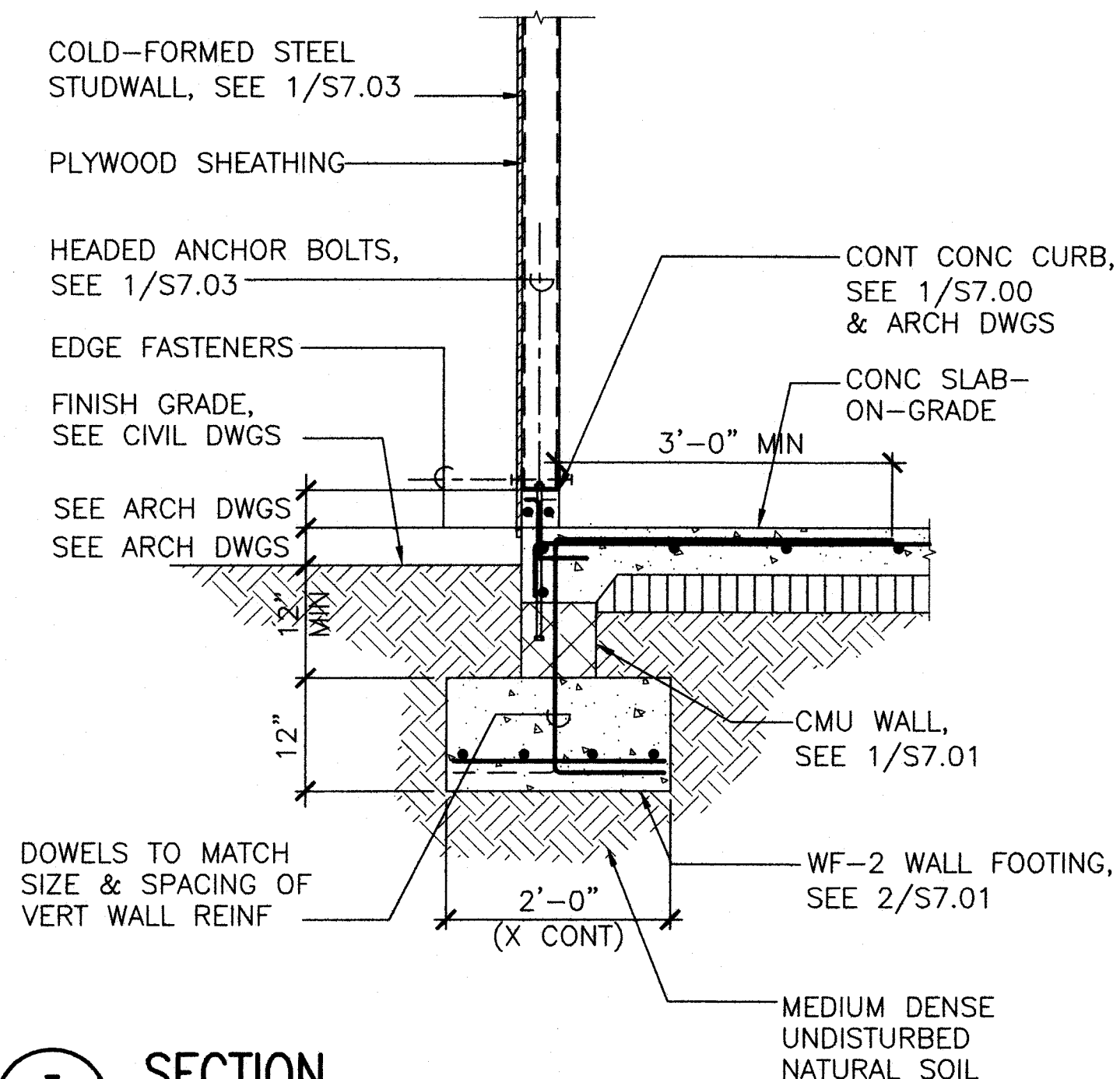
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
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DESIGNED: RI		SUBMITTED: <i>[Signature]</i>			
DRAWN: IB		DATE: 03/15/2016			
CHECKED: RI		SCALE:			
APPROVED: <i>[Signature]</i>		DATE: MAR 23 2016		DRAWING NO. S1.00	
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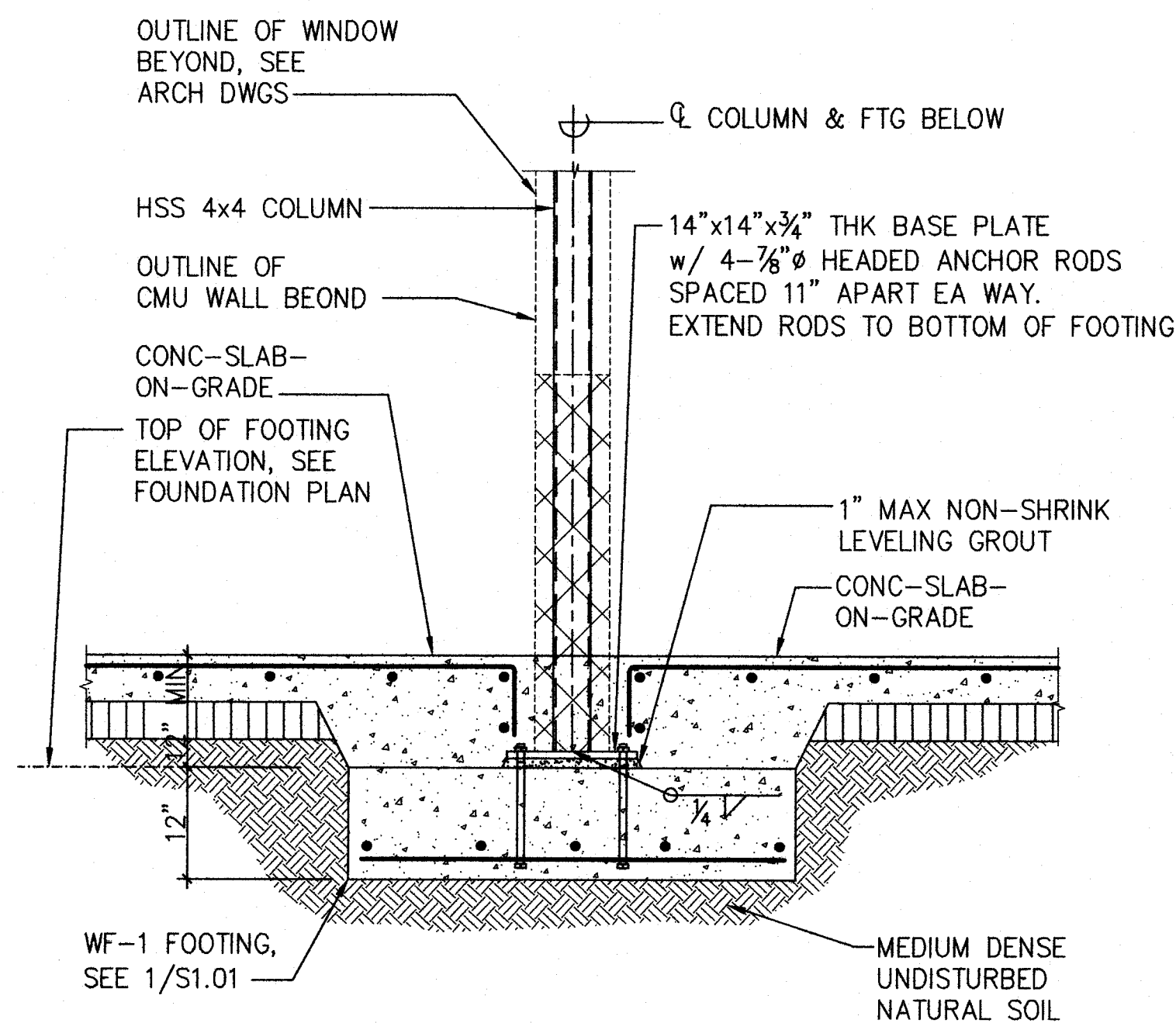
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S1.01 SCALE: 3/4" = 1'-0"



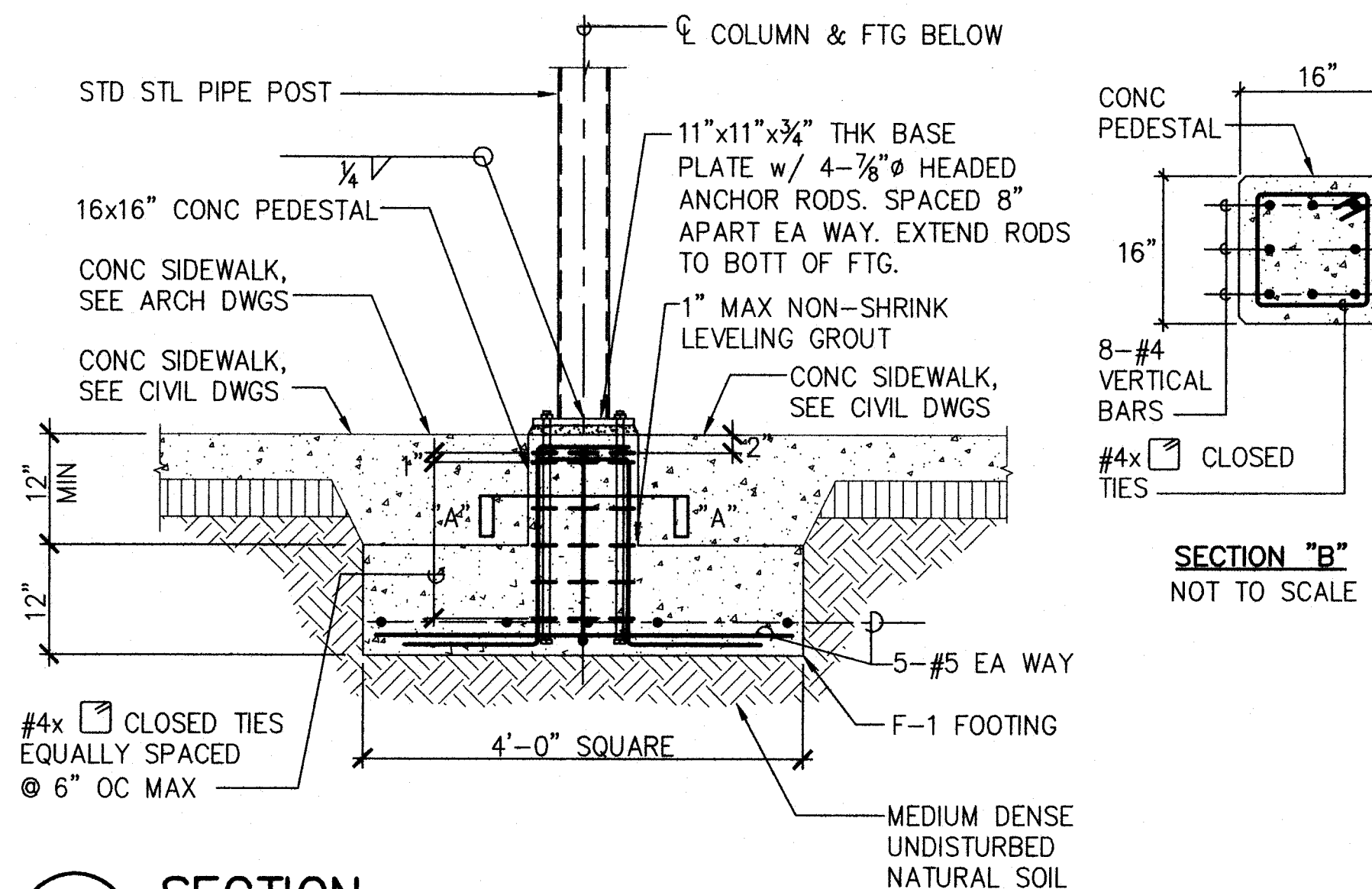
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S1.01 SCALE: 3/4" = 1'-0"



3 SECTION
S1.01 SCALE: 3/4" = 1'-0"

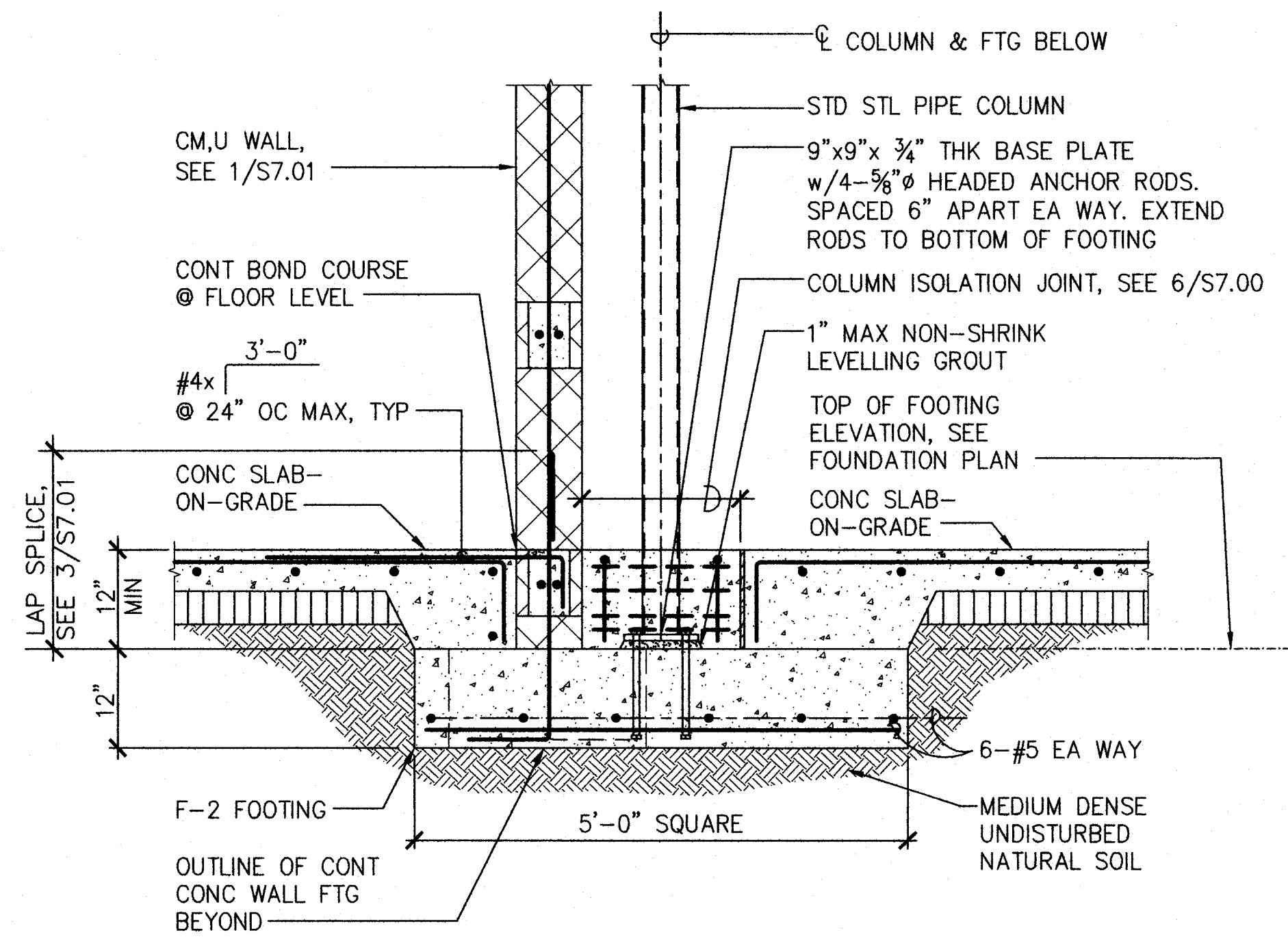


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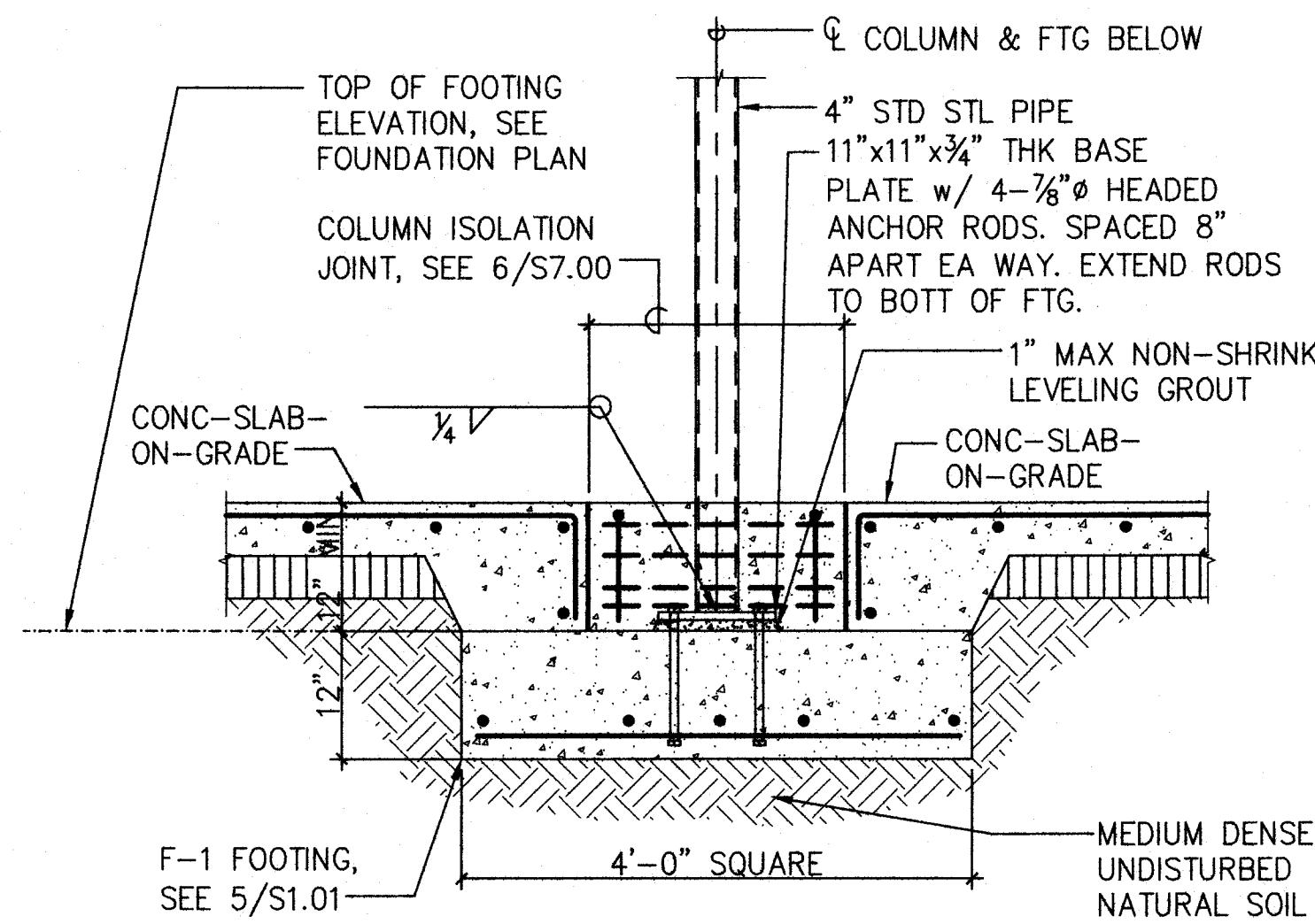


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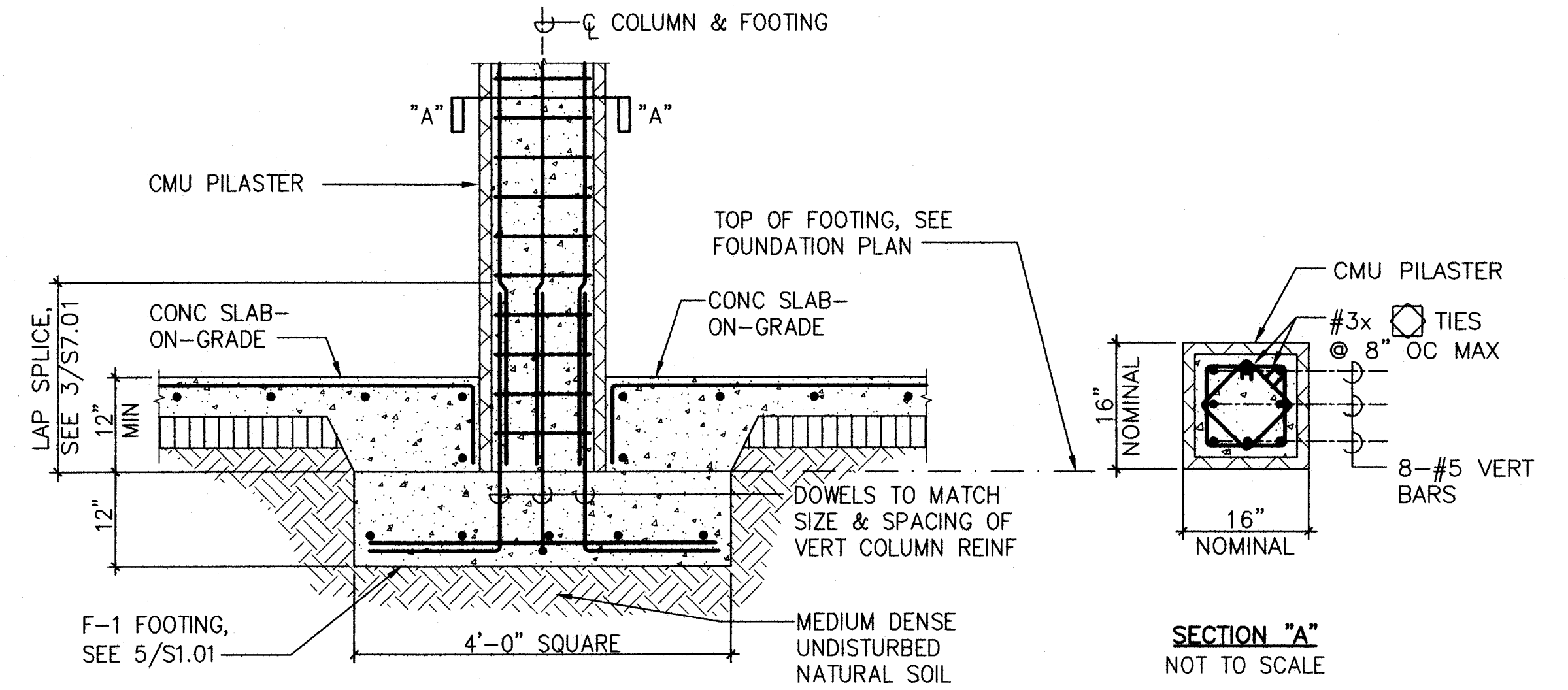
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STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII					
SECTIONS					
DESIGNED:	RI	SUBMITTED:	ac		
DRAWN:	IB	DATE:	03/15/2016		
CHECKED:	RI	SCALE:			
APPROVED:	 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.				DRAWING NO.
CHIEF ENGINEER	MAR 23 2016 DATE				S1.01



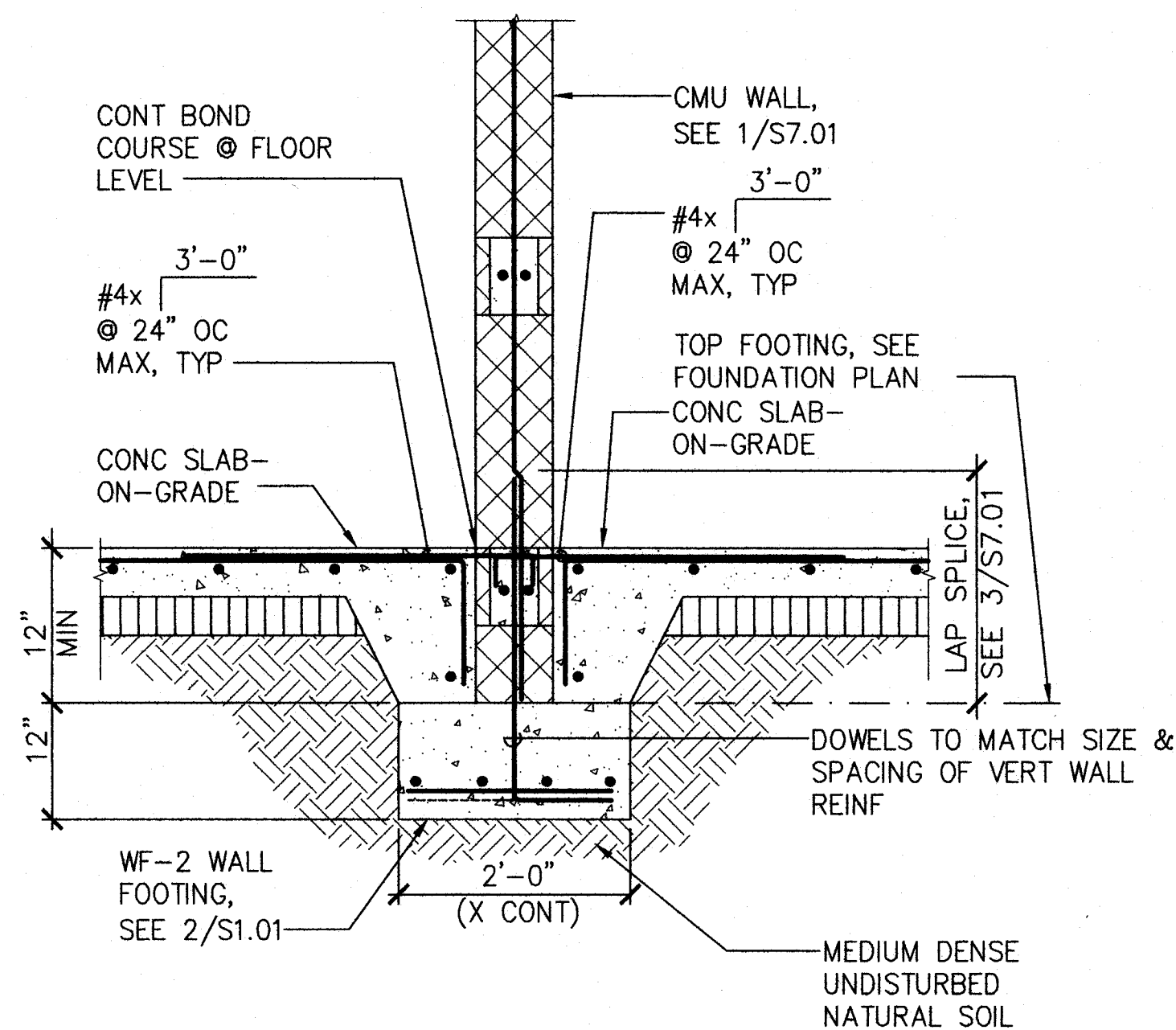
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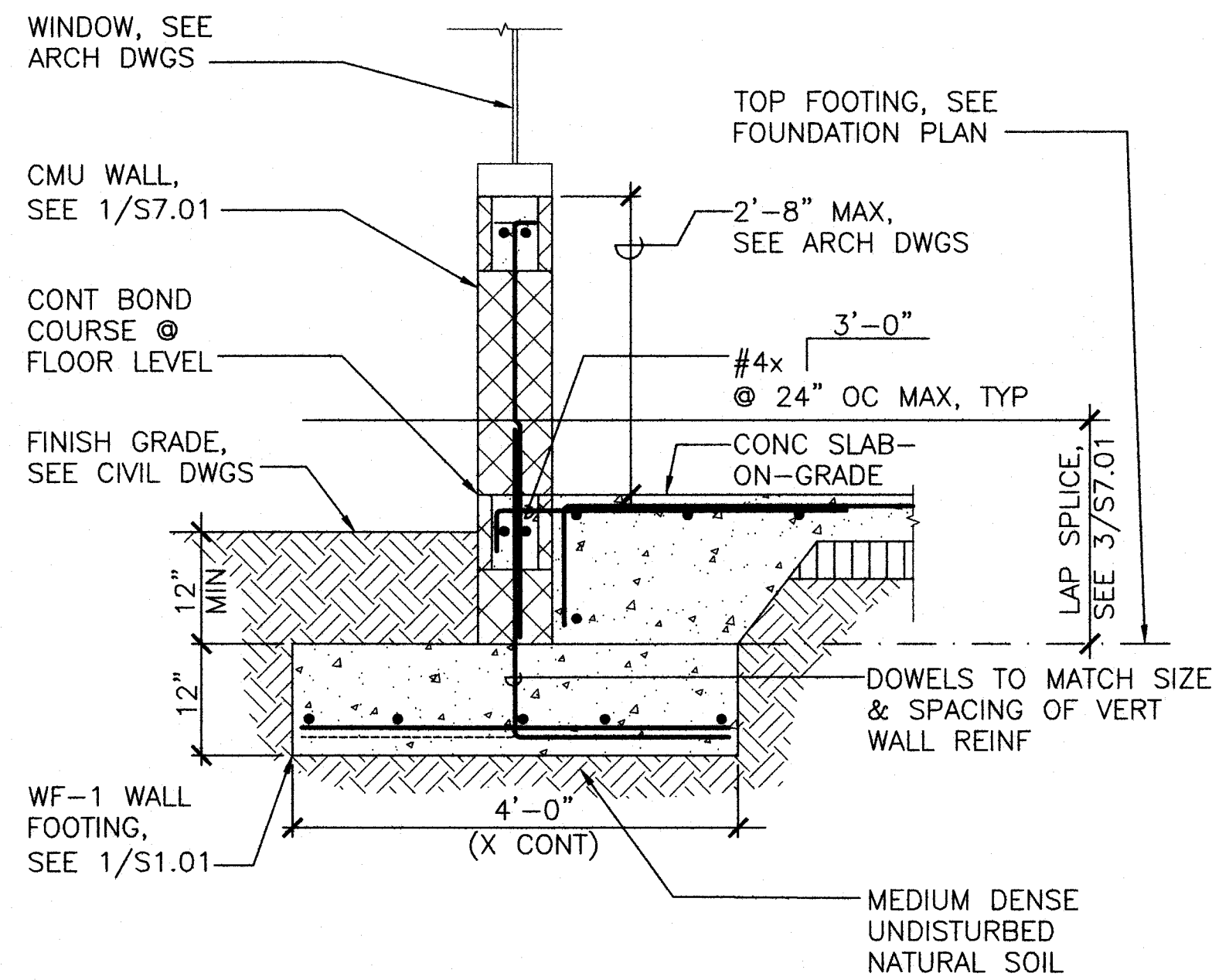
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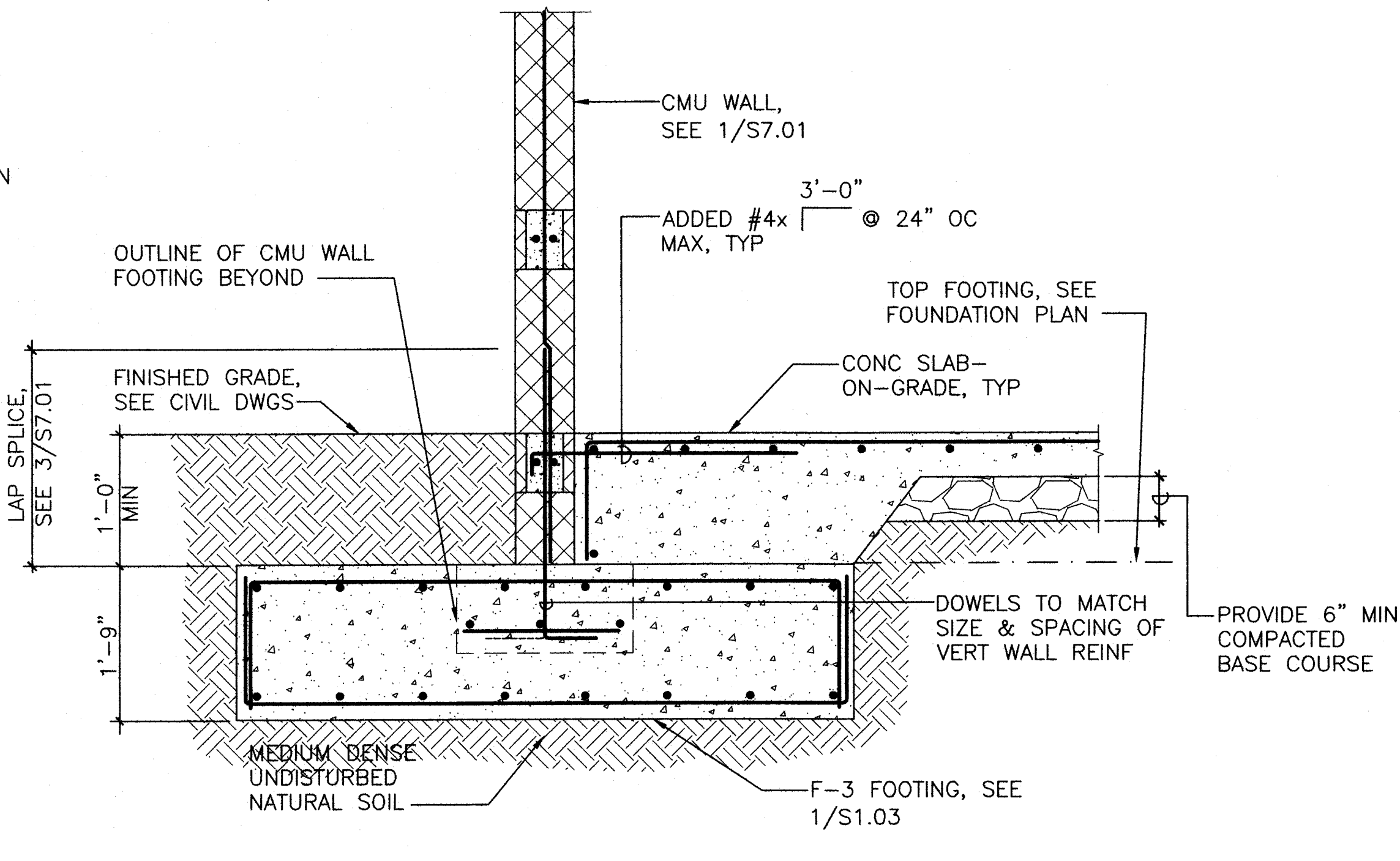
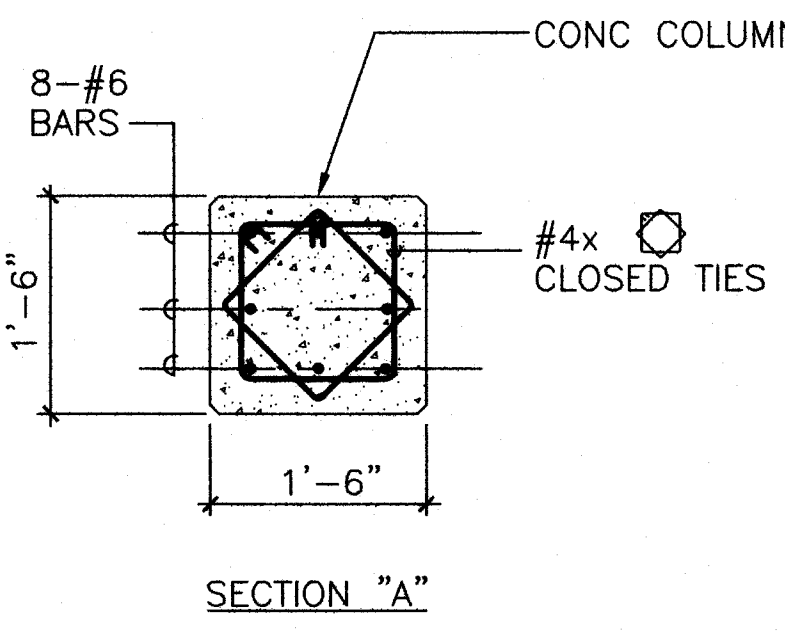
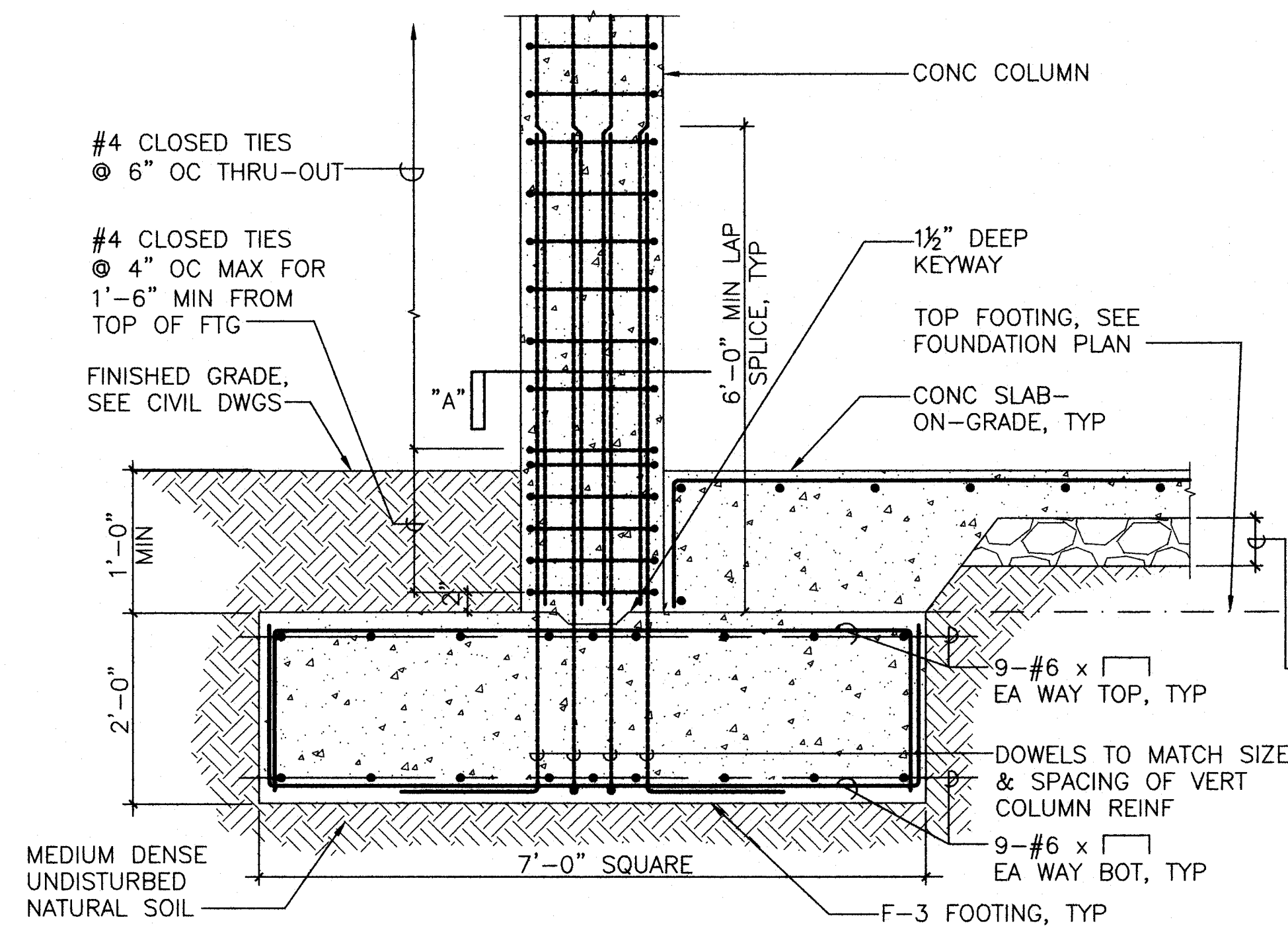


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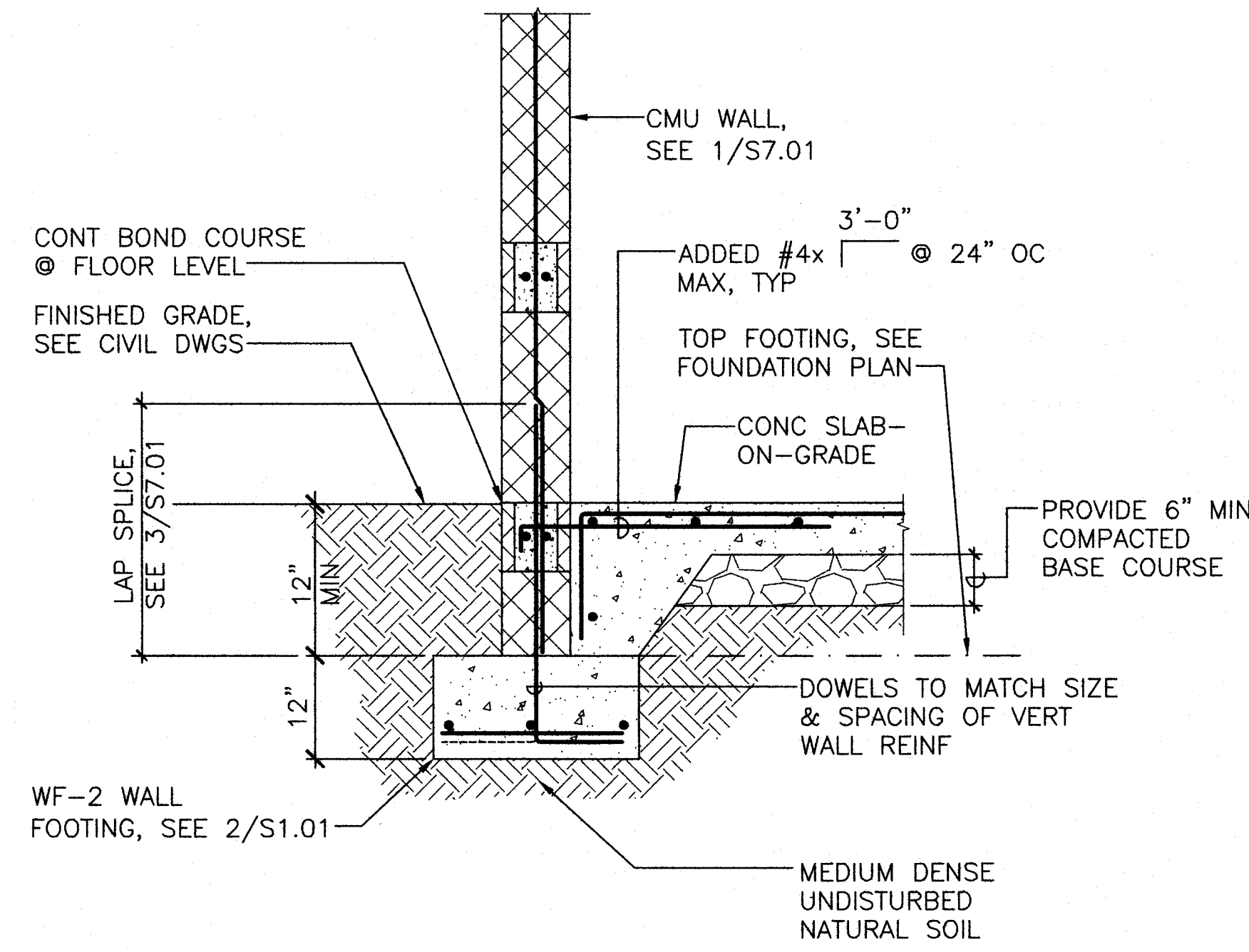
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REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII					
SECTIONS					
DESIGNED: RI		SUBMITTED: <i>RI</i>			
DRAWN: IB		DATE: 03/15/2016			
CHECKED: RI		SCALE:			
APPROVED: <i>Bob E. Iwamoto</i>		DATE: MAR 23 2016		DRAWING NO. S1.02	
<small>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.</small>					

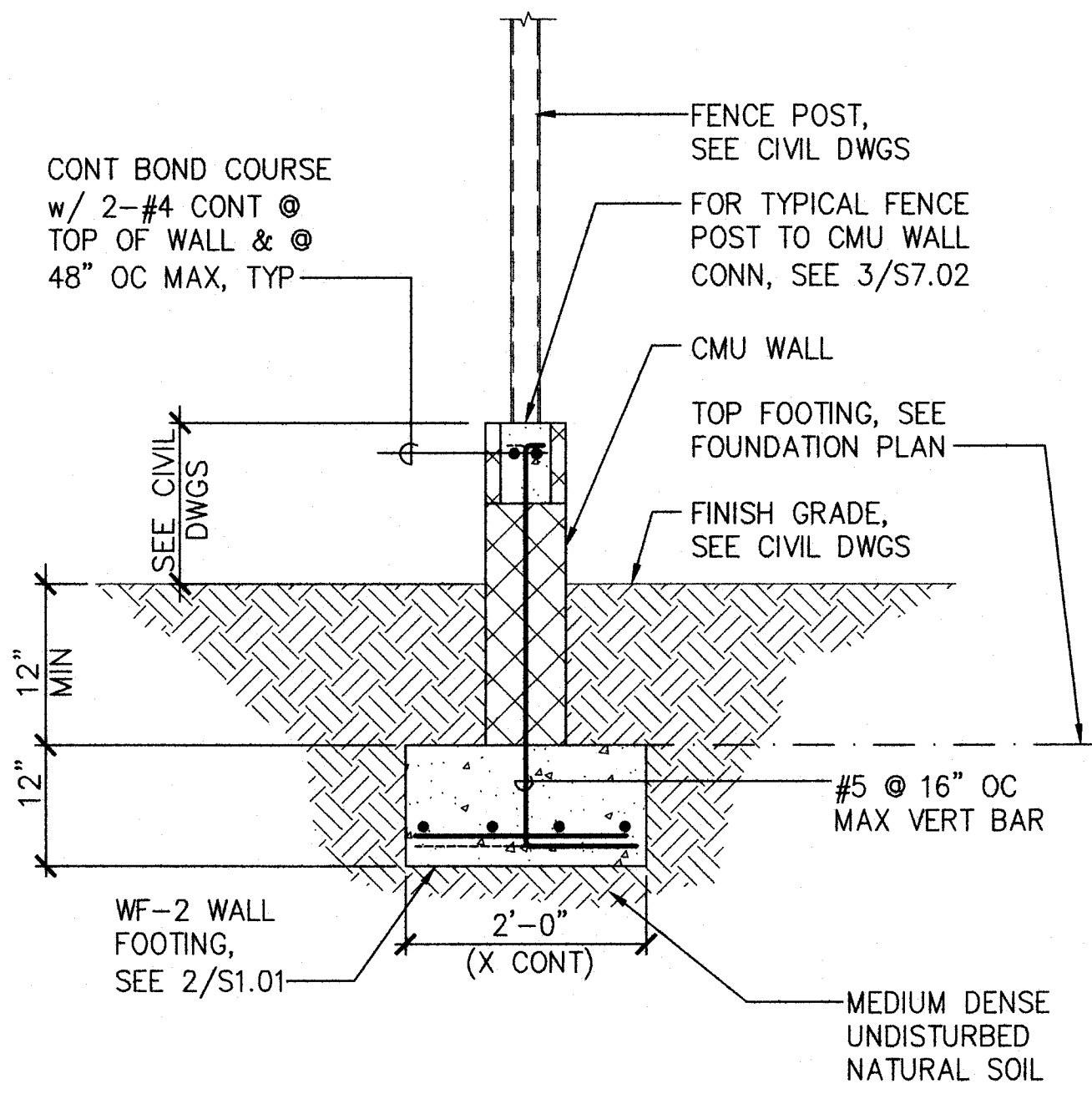


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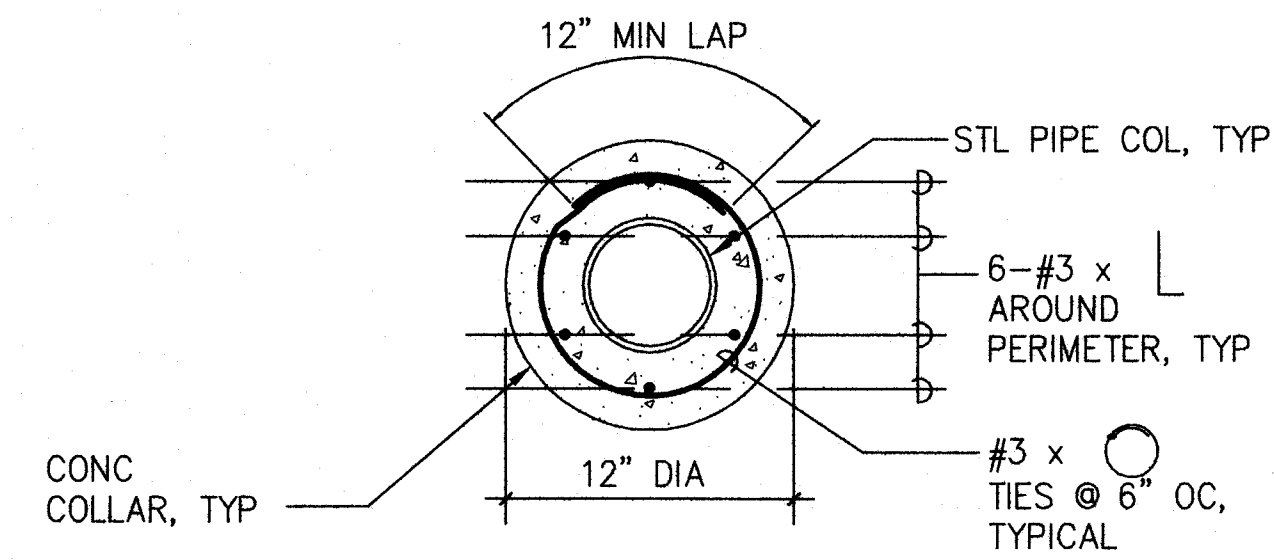
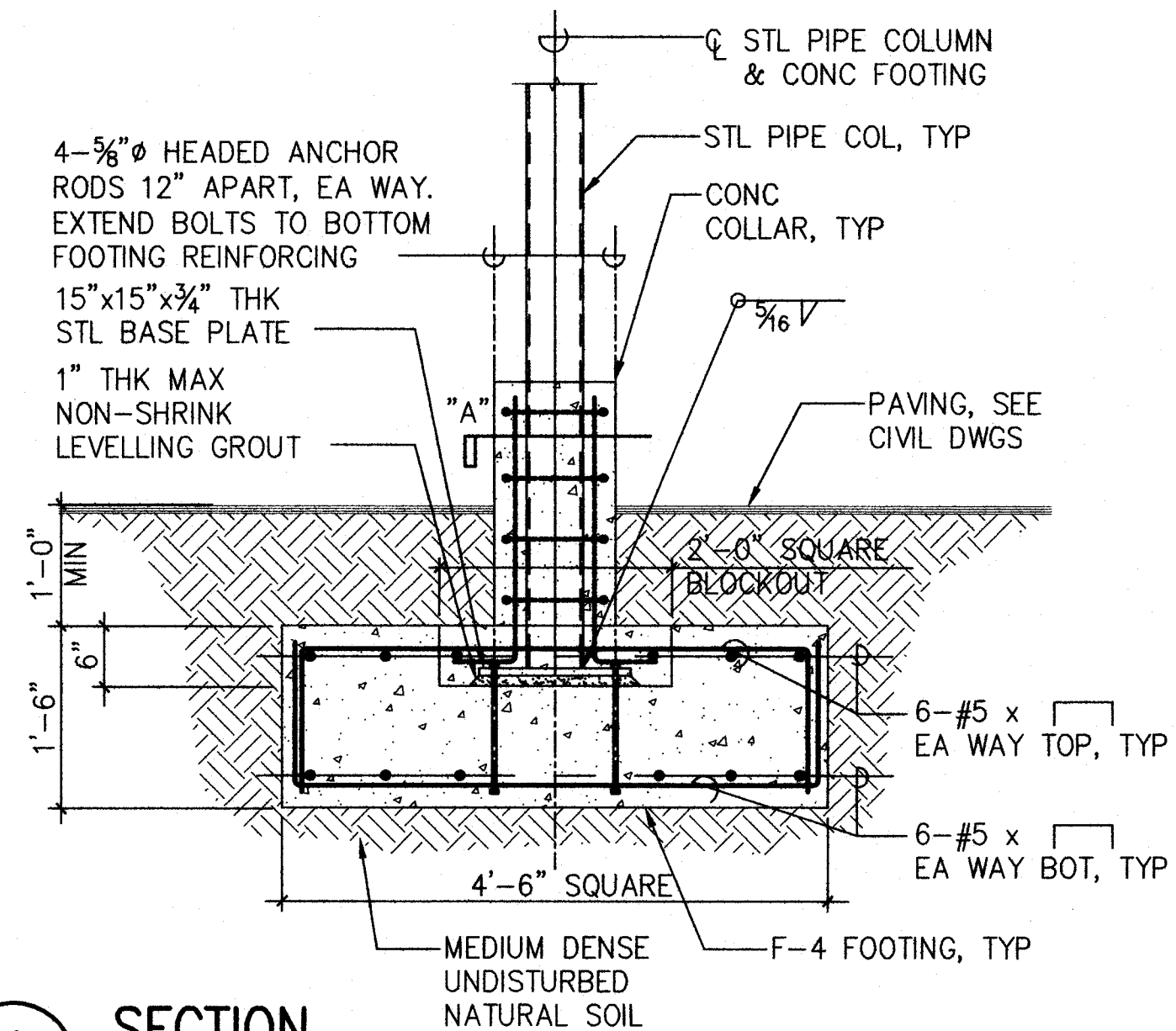


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4 SECTION
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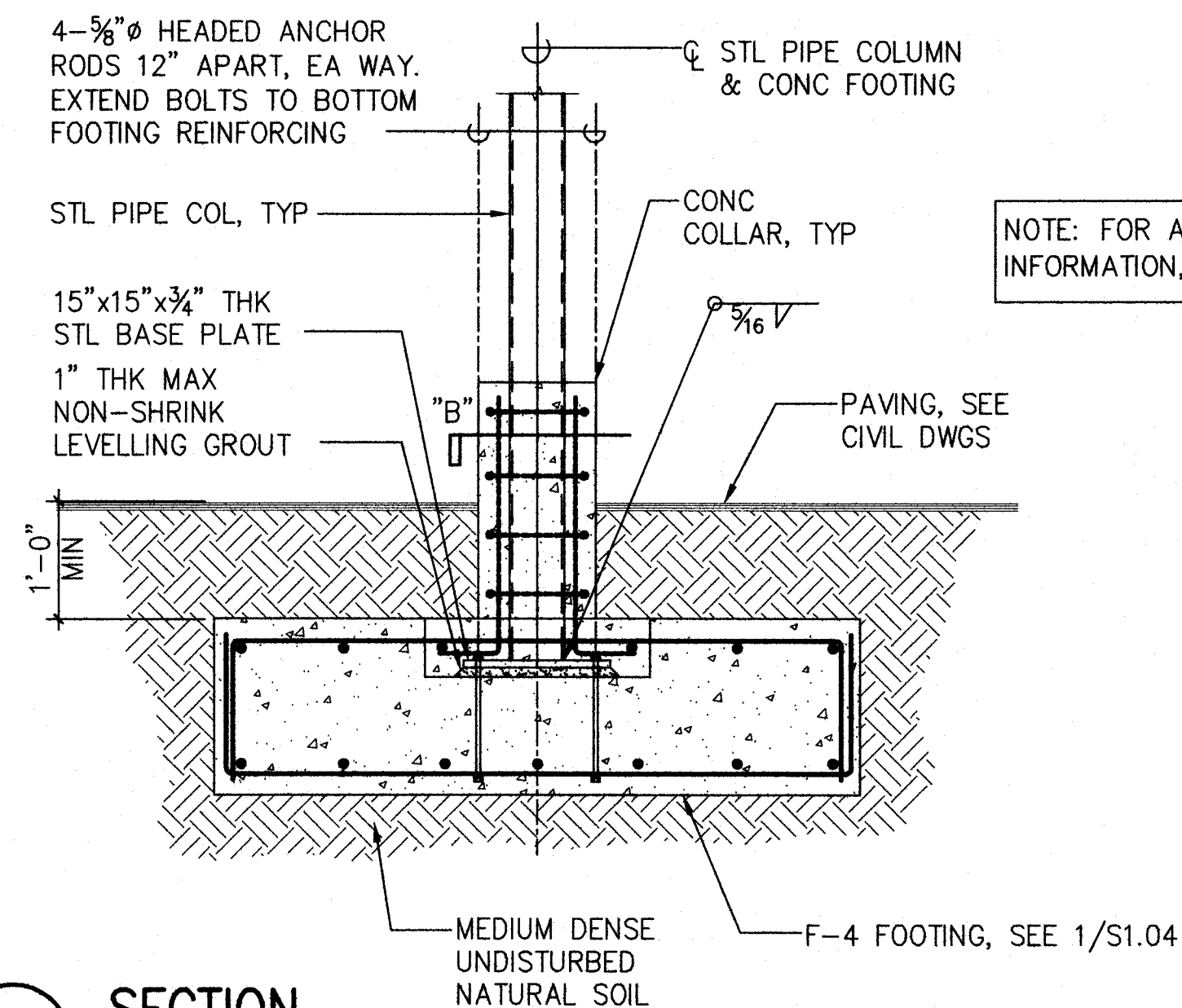
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SECTIONS					
DESIGNED:	RI	SUBMITTED:	ee	DATE:	03/15/2016
DRAWN:	IB	CHECKED:	RI	SCALE:	
APPROVED:		DATE:		DRAWING NO.	
 Ron E. Iwamoto LICENSED PROFESSIONAL ENGINEER No. 8871-S HAWAII, U.S.A. 4/30/16 EXP. DATE [Signature]		[Signature] CHIEF ENGINEER		MAR 23 2016 DATE S1.03	
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.					



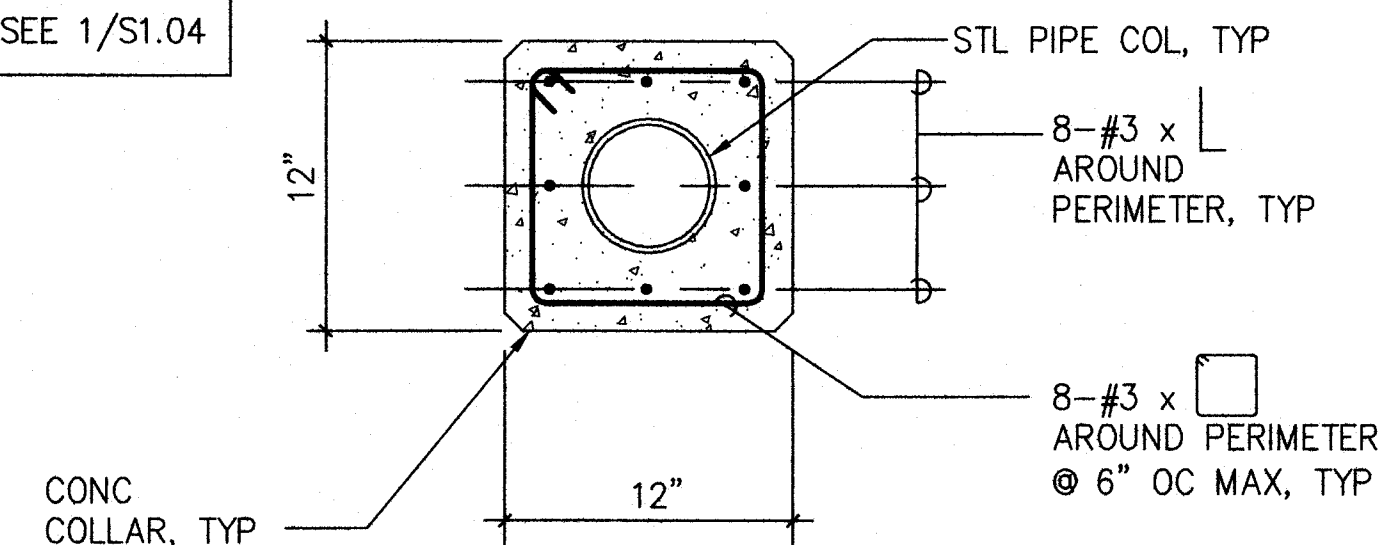
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1 SECTION
S1.04

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



NOTE: FOR ADDITIONAL INFORMATION, SEE 1/S1.04

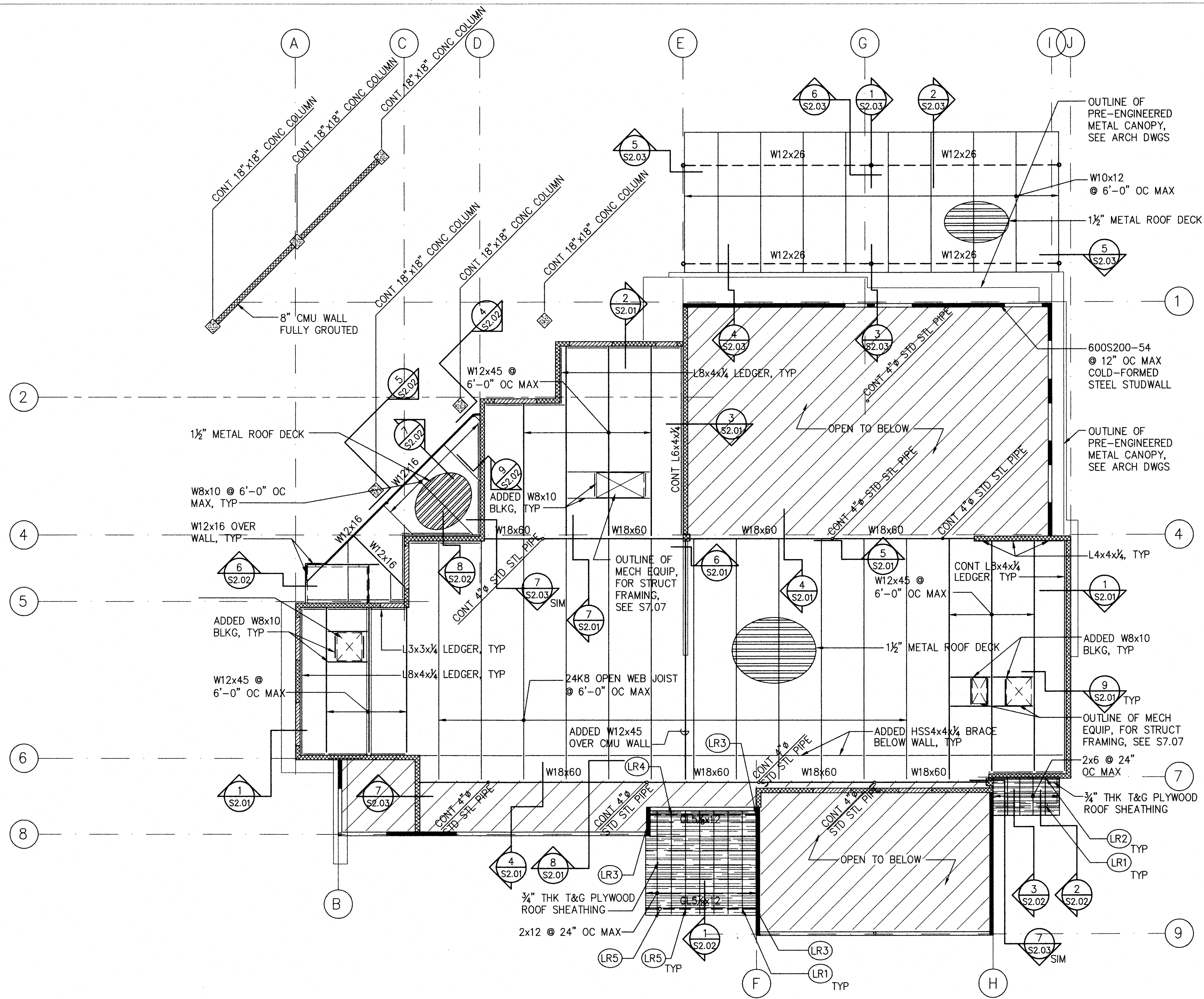


SECTION "B"
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2 SECTION
S1.04

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

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII					
SECTIONS					
DESIGNED: RI		SUBMITTED: <i>ge</i>			
DRAWN: IB		DATE: 03/15/2016			
CHECKED: RI		SCALE:			
APPROVED: <i>Paul E. Iwamoto</i>		DATE: MAR 23 2016		DRAWING NO. S1.04	
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.					



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

LOW ROOF CONNECTOR SCHEDULE		
MARK	CONNECTOR TYPE	REMARKS
(LR1)	SIMPSON H2.5A OR APP EQ	2x RAFTER TO BEAM OR WALL BELOW
(LR2)	SIMPSON LUS26 OR APP EQ	2x RAFTER TO 2x LEDGER
(LR3)	SIMPSON ECCOQ5-SDS2.5 OR APP EQ	GL BEAM TO HSS COLUMN BELOW
(LR4)	SIMPSON HUC212 OR APP EQ	2x RAFTER TO GL BEAM
(LR5)	SIMPSON CCOQ5-SDS2.5	GL BEAM TO HSS COLUMN BELOW

LEGEND:

- INDICATES FULL HEIGHT CMU WALL
- INDICATES PARTIAL HEIGHT CMU WALL
- INDICATES CMU WALL BELOW
- INDICATES FULL HEIGHT COLD-FORMED STEEL STUD WALL
- INDICATES PARTIAL COLD-FORMED STEEL STUD WALL
- INDICATES OPENING IN METAL ROOF DECK, SEE ARCH DWGS
- (LR1) INDICATES LOW ROOF CONNECTOR TYPE. SEE SCHEDULE THIS SHEET

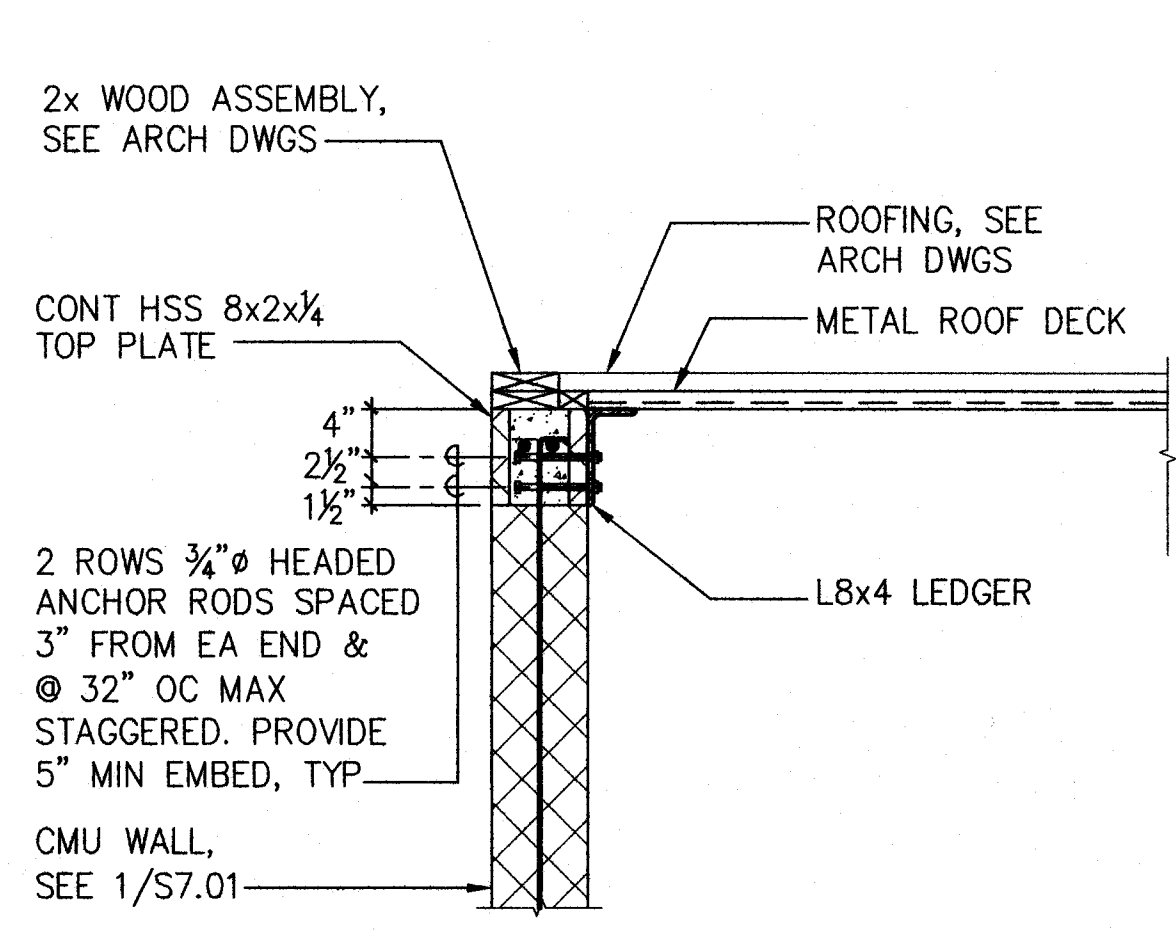
NOTES:

- FOR METAL ROOF DECK SCHEDULE SEE 4/S7.06 FOR METAL DECK ATTACHMENT TO FRAMING, SEE 6/S7.06
- FOR ADDED REINFORCING AROUND METAL DECK OPENINGS NOT SHOWN ON DWGS, SEE 5/S7.06
- SEE SECTIONS FOR ADDITIONAL STRUCTURAL STEEL SIZES NOT SHOWN ON PLAN.
- FOR TYPICAL MECH UNIT SUPPORT FRAMING, SEE S7.07

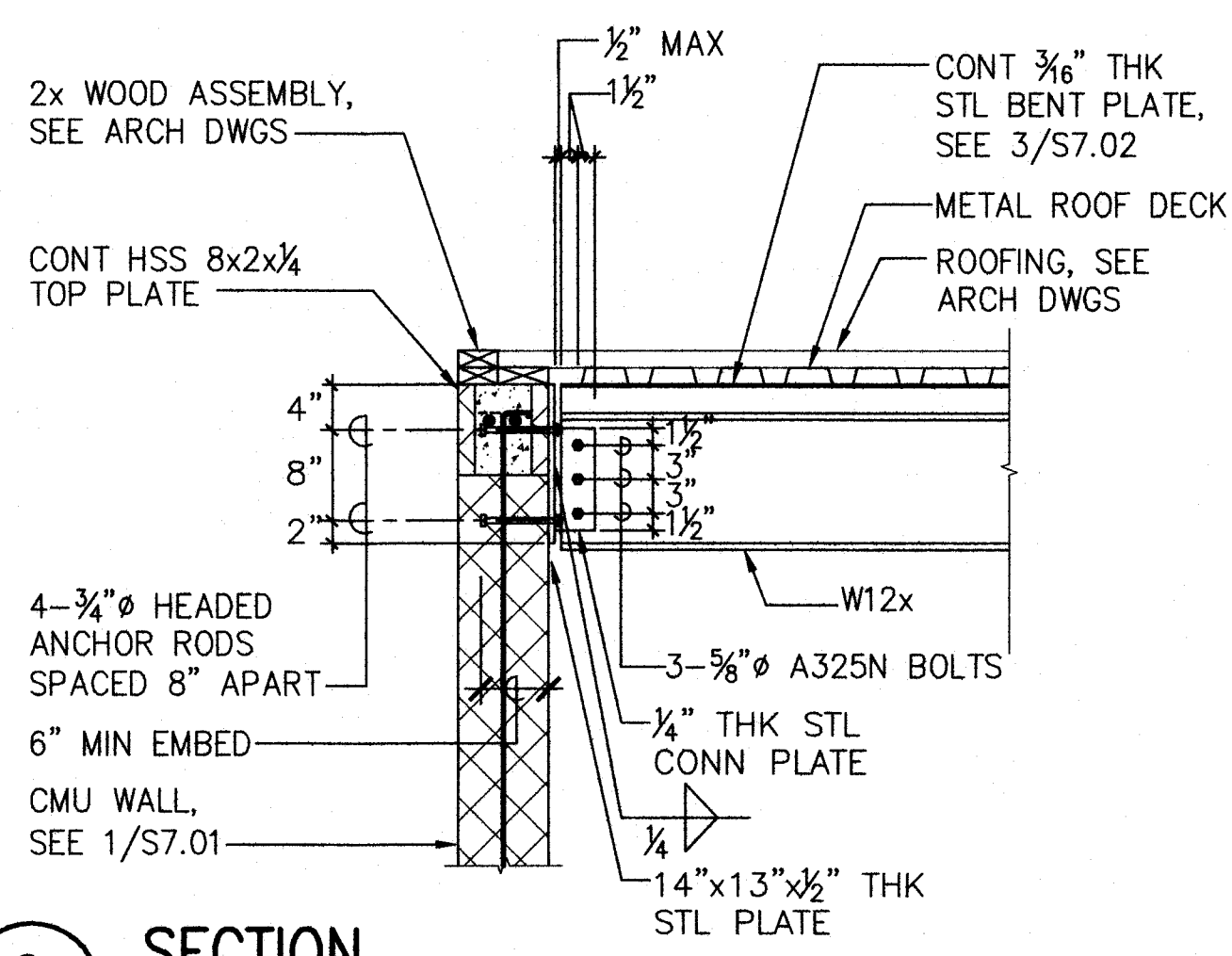
ROOF FRAMING NOTES:

- FOR TYPICAL WOOD ROOF FRAMING OPENING, SEE 6/S7.05.

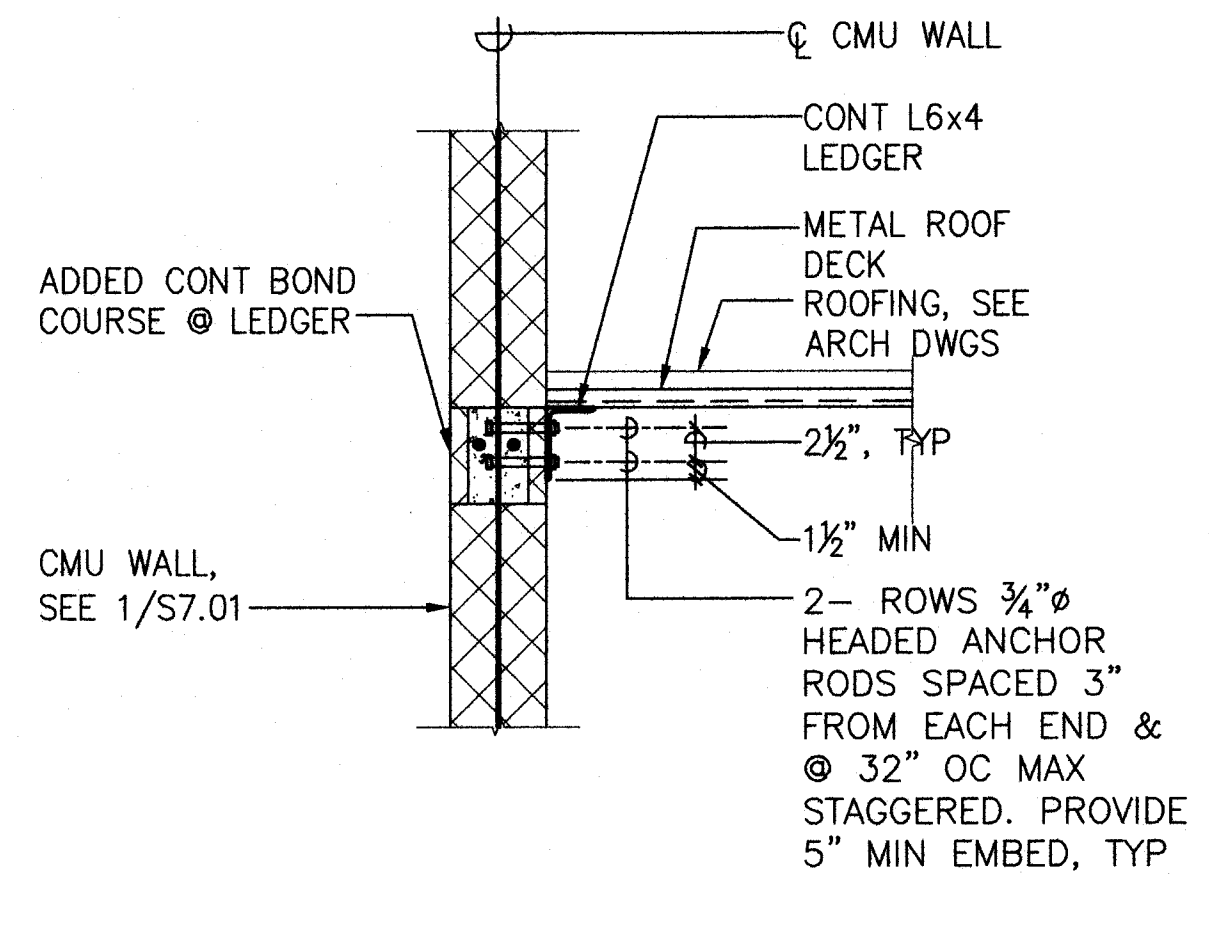
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STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII LOW ROOF FRAMING PLAN					
		DESIGNED: RI SUBMITTED: <i>gc</i> DRAWN: IB DATE: 03/15/2016 CHECKED: RI SCALE:			
4/30/16 EXP. DATE 		APPROVED: <i>Cyly</i> CHIEF ENGINEER		DRAWING NO. S2.00 MAR 23 2016 DATE	



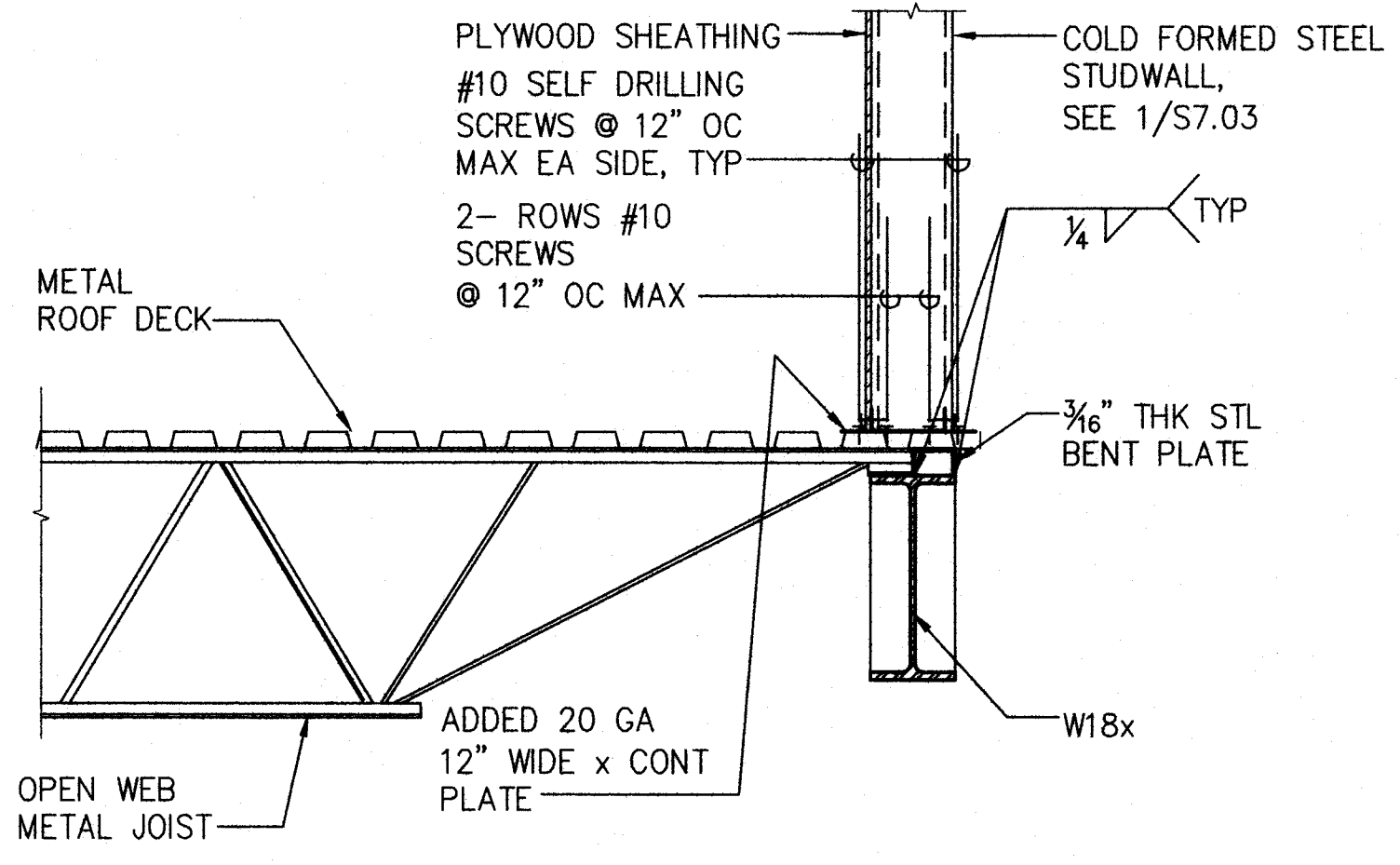
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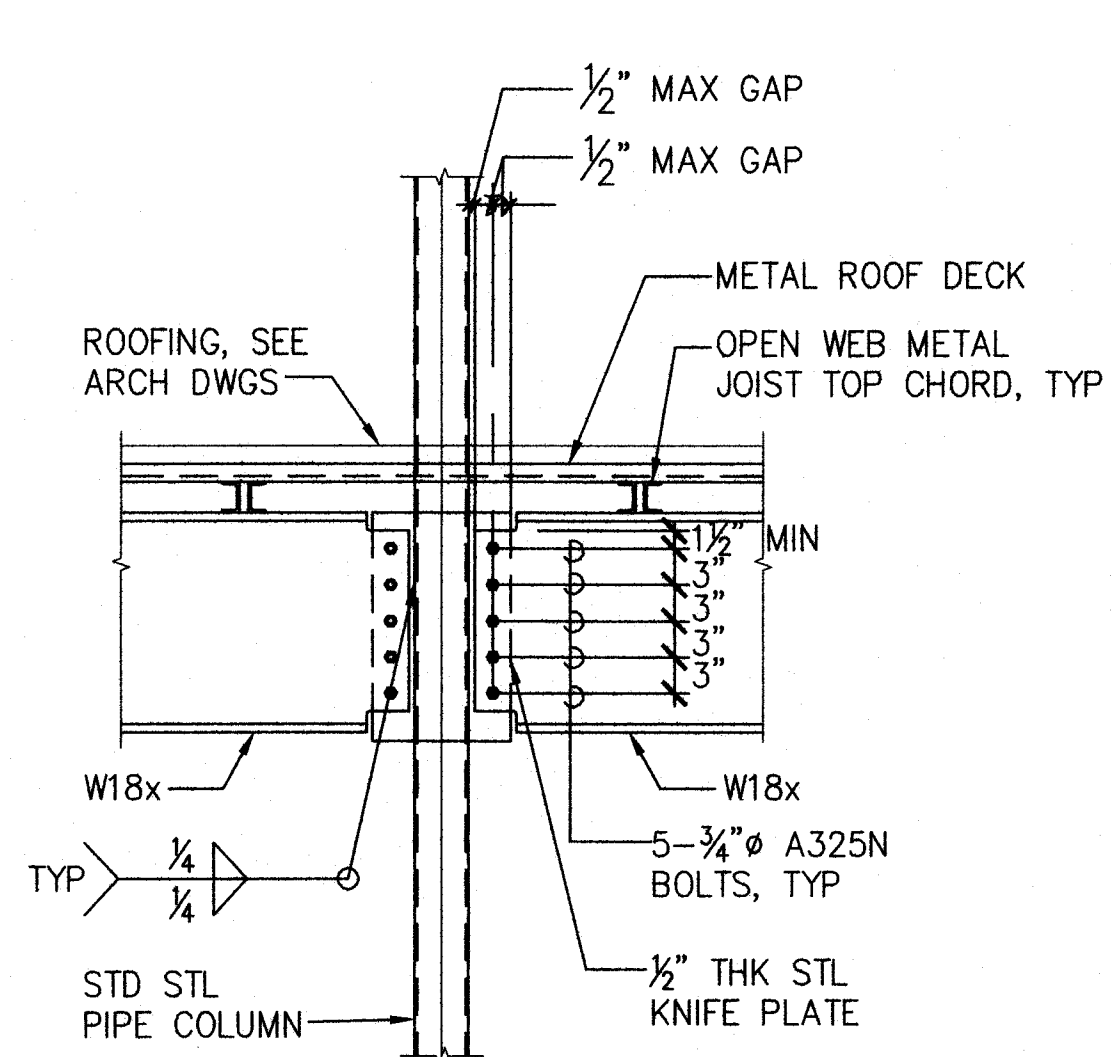
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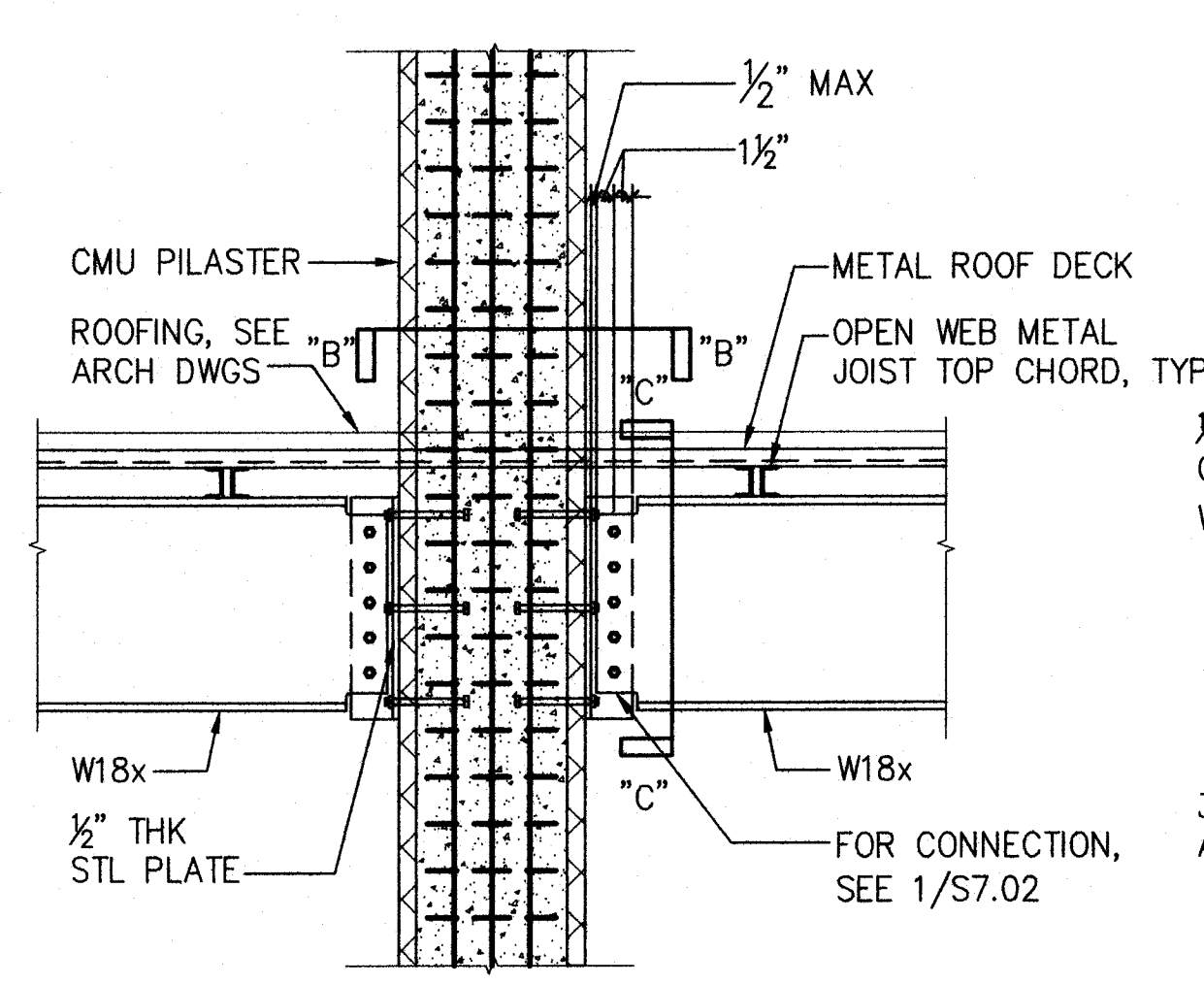
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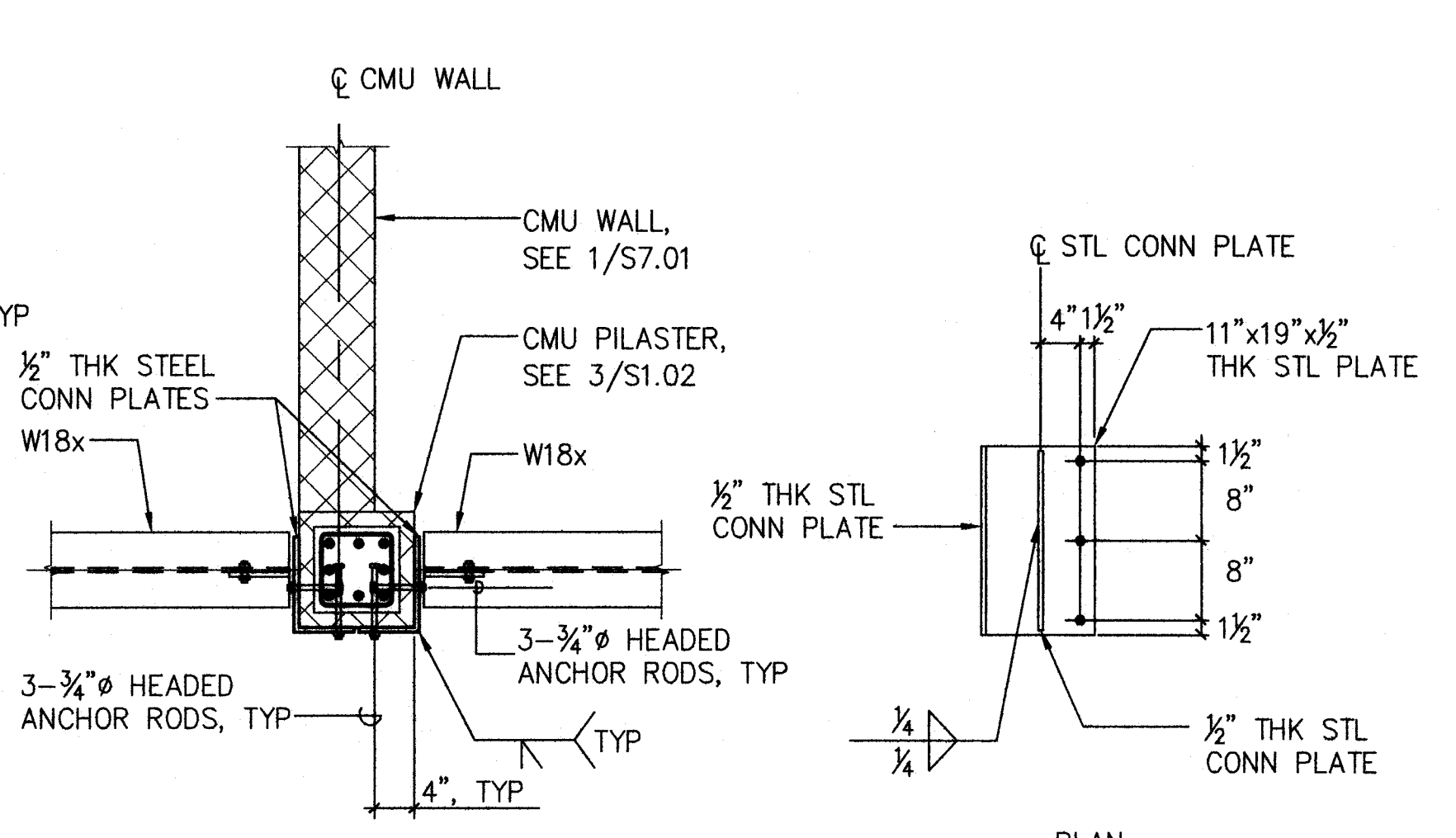
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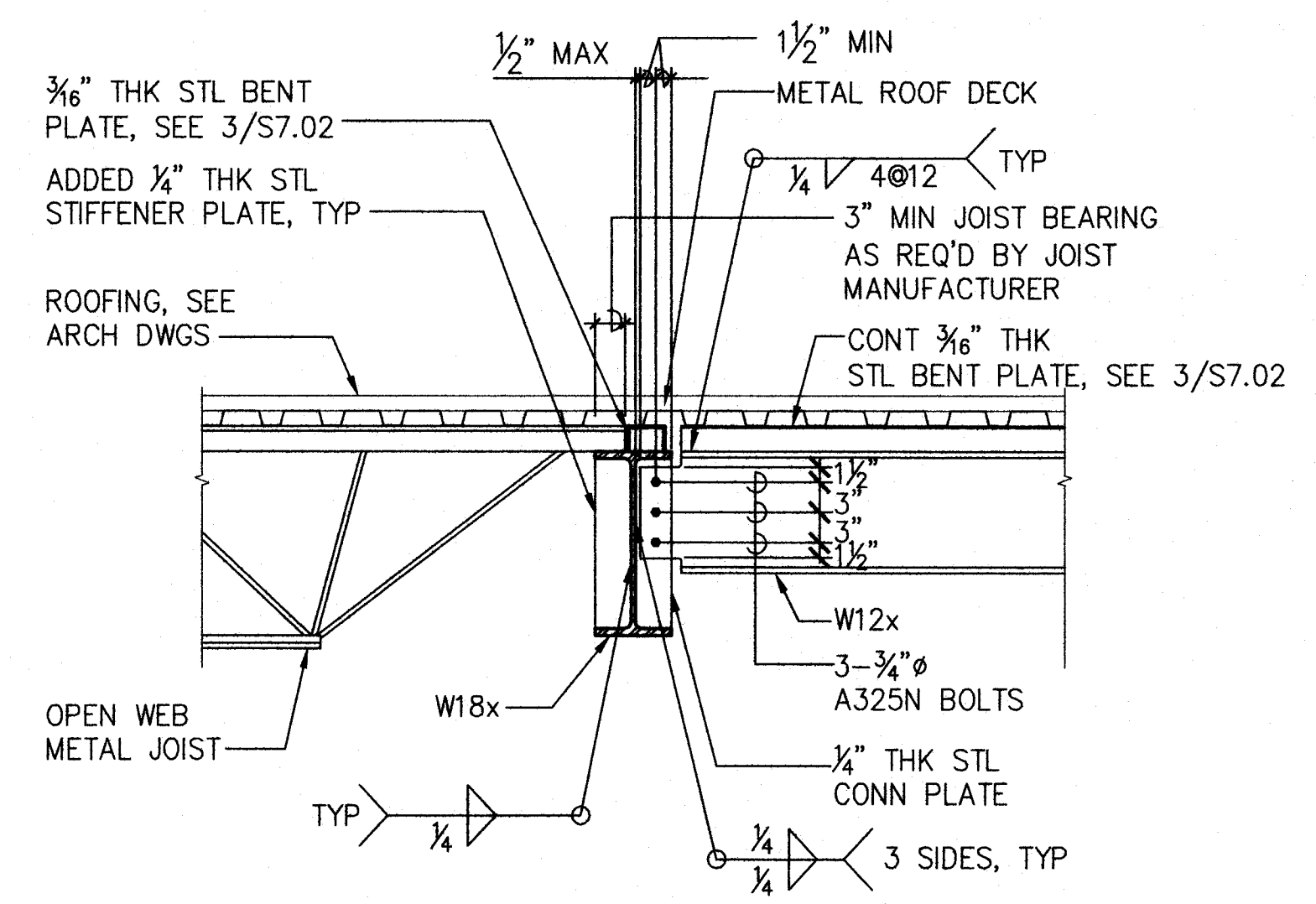
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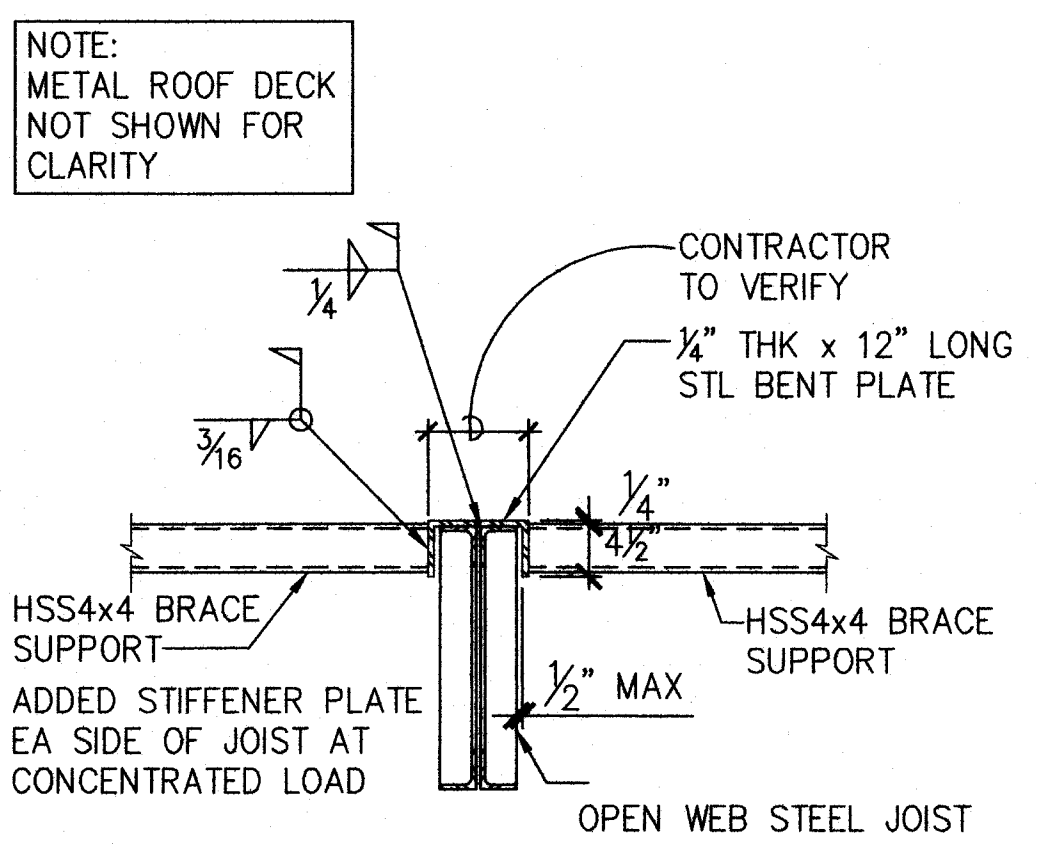
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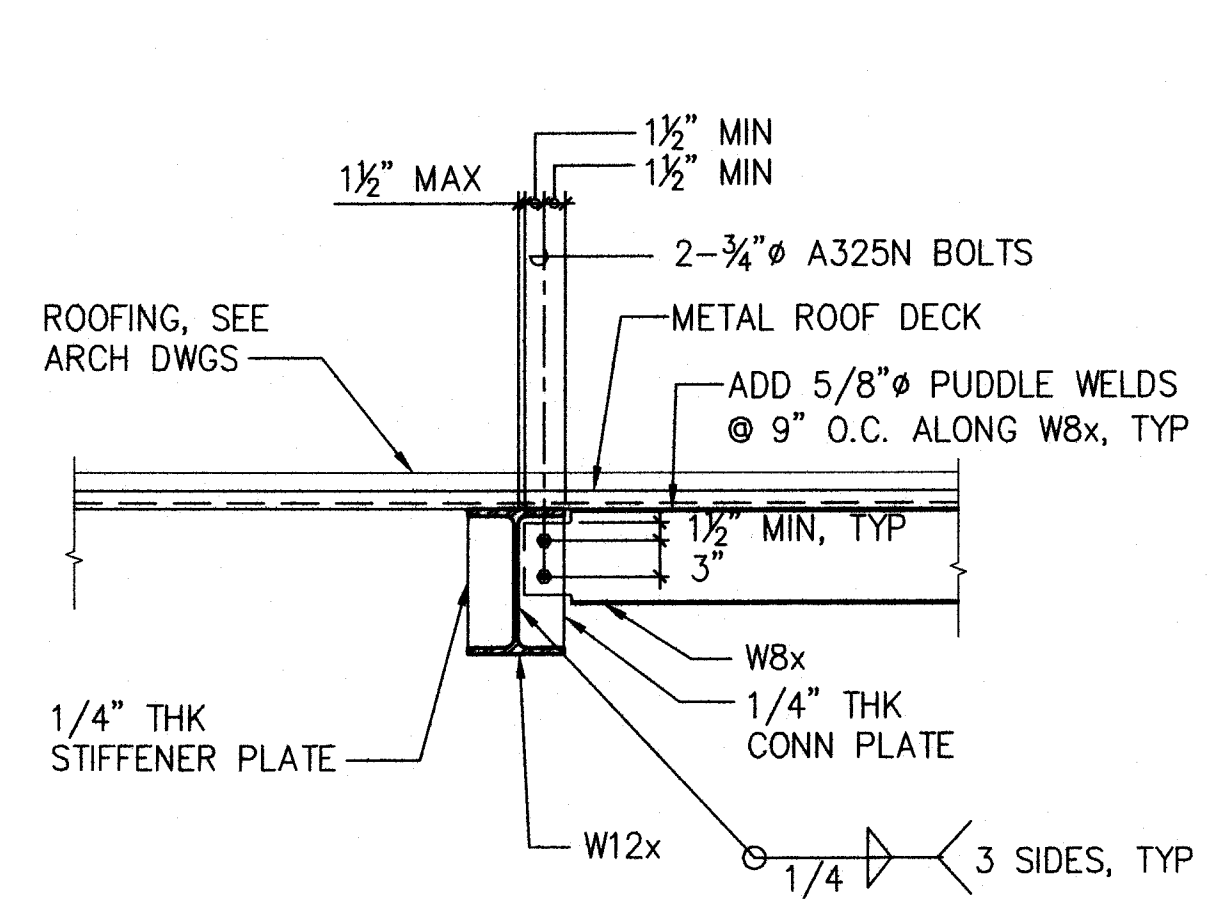
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SECTION "C" NOT TO SCALE



7 SECTION
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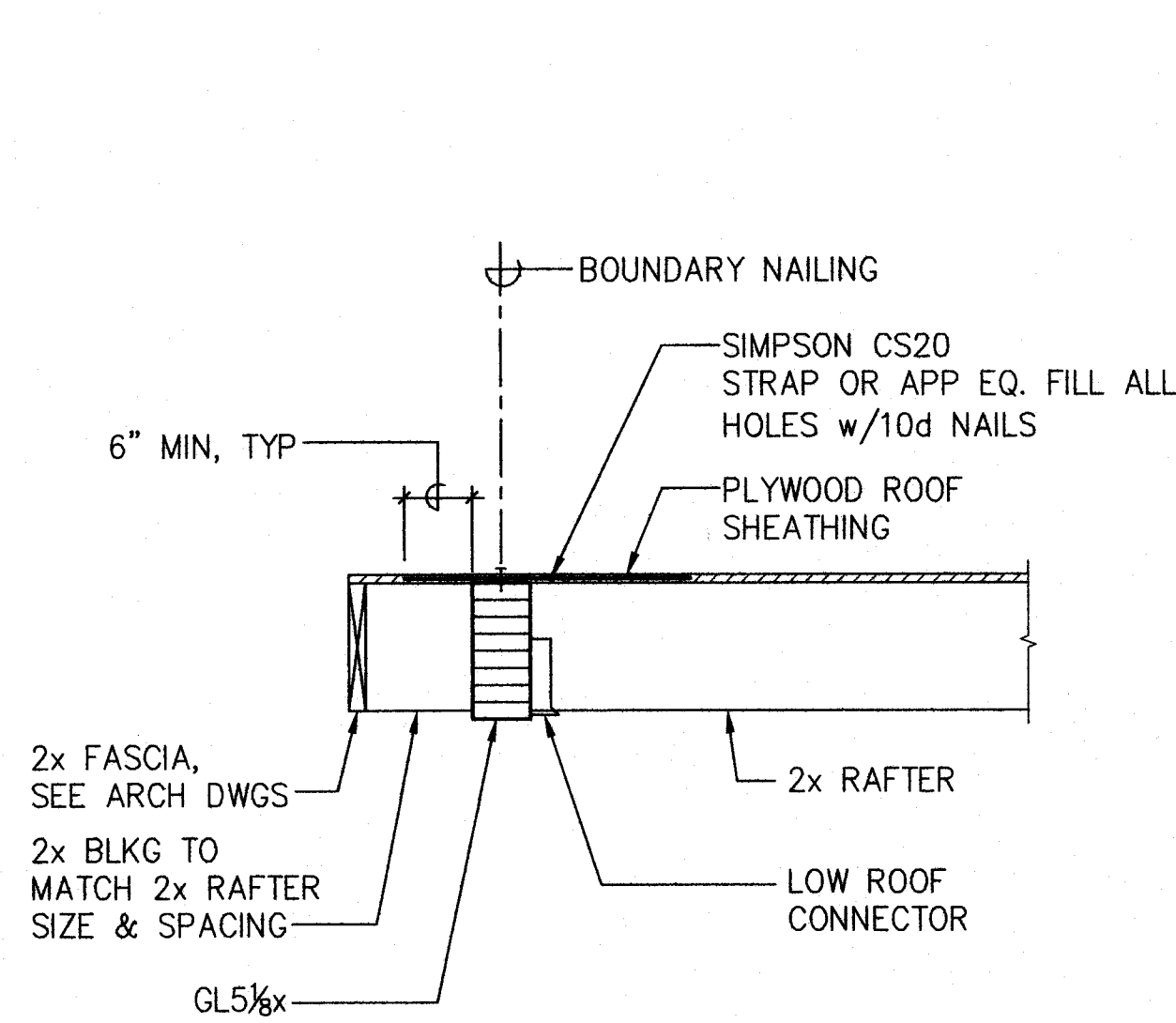


8 SECTION
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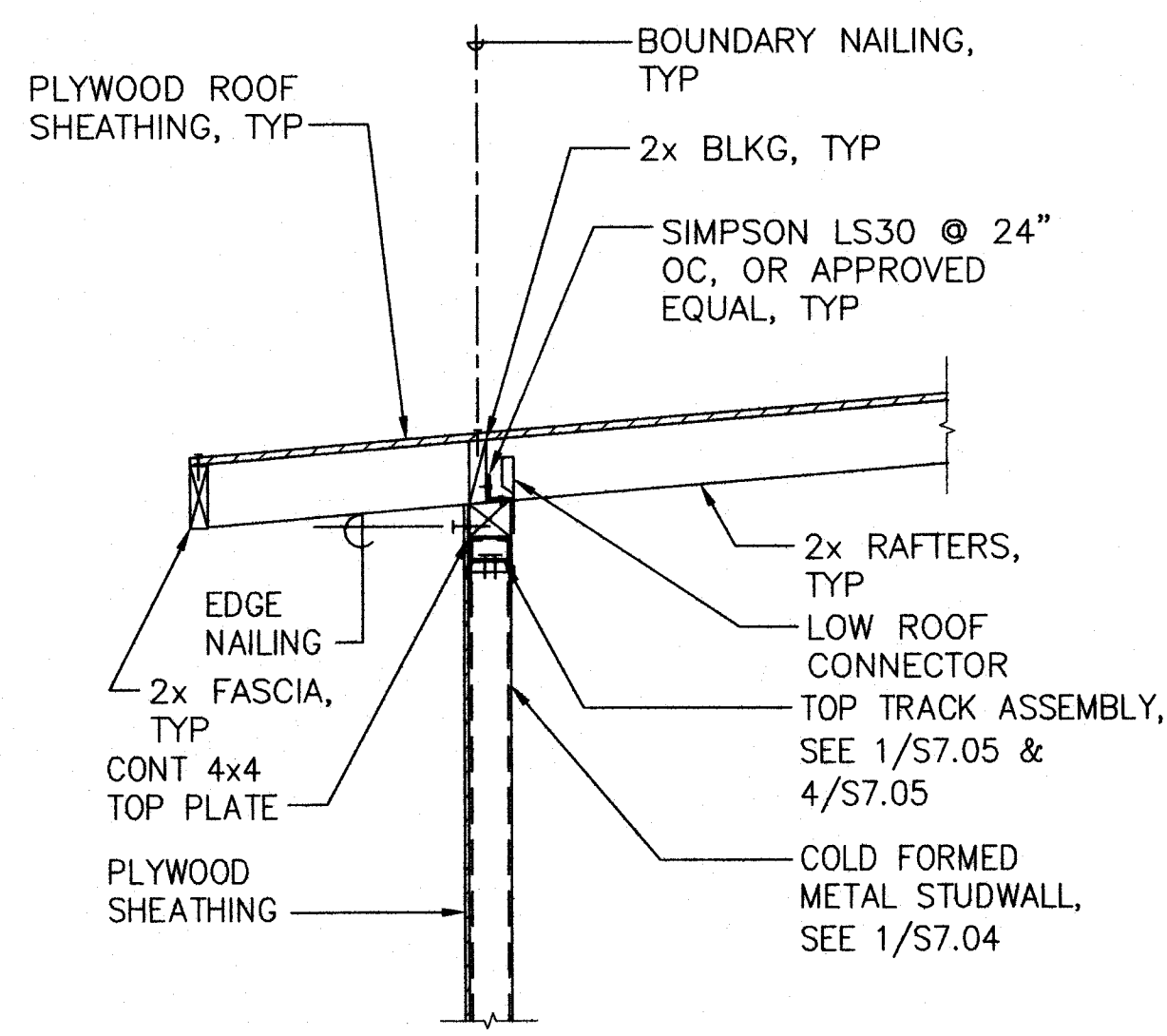


9 SECTION
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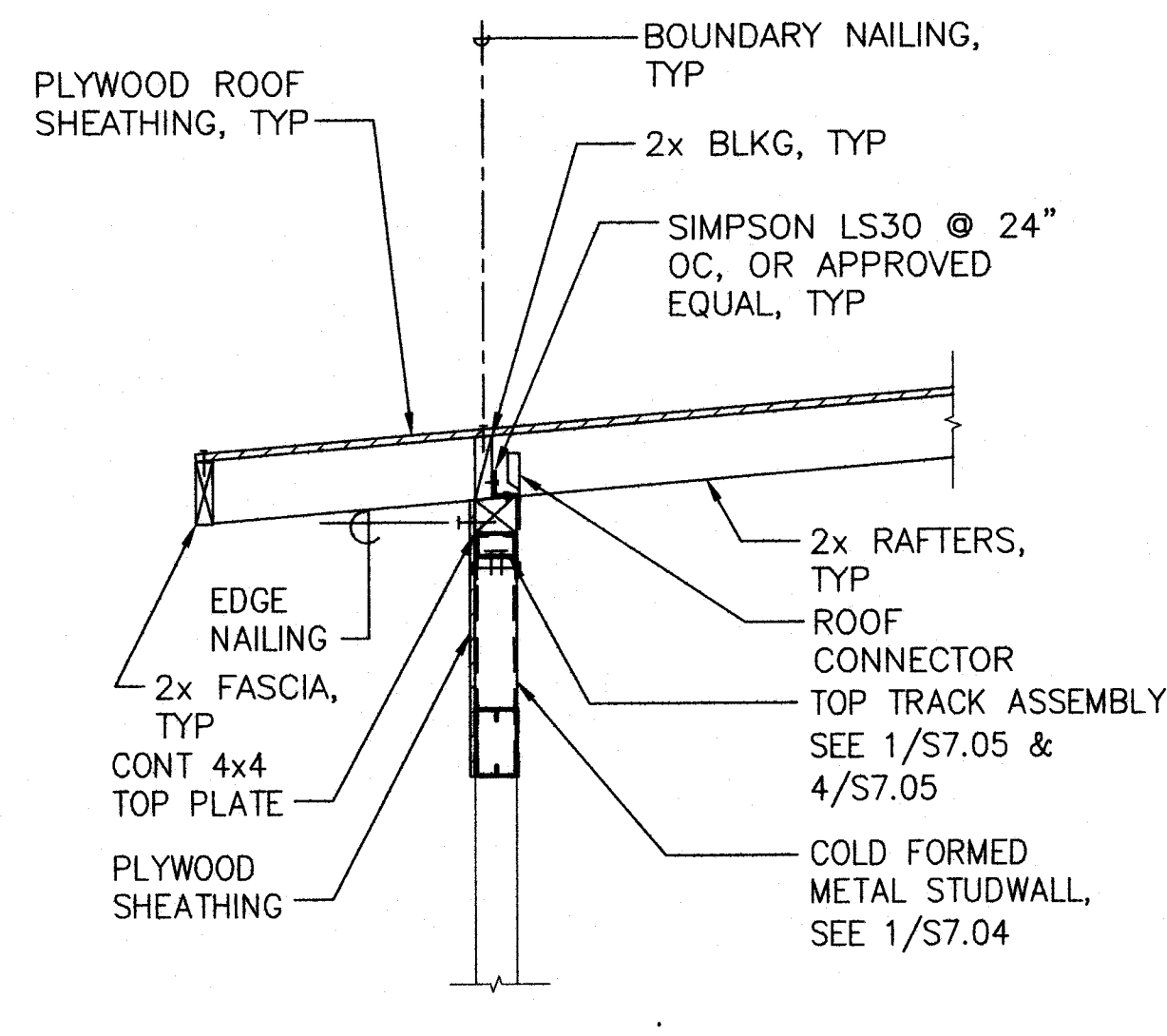
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DESIGNED: RI		SUBMITTED: <i>IB</i>		DATE: 03/15/2016	
DRAWN: IB		CHECKED: RI		SCALE:	
APPROVED: <i>Paul E. Iwamoto</i>		DATE: MAR 23 2016		DRAWING NO. S2.01	
CHIEF ENGINEER		DATE		JOB NO. J43CM74A	



1 SECTION
S2.02 SCALE: 3/4" = 1'-0"

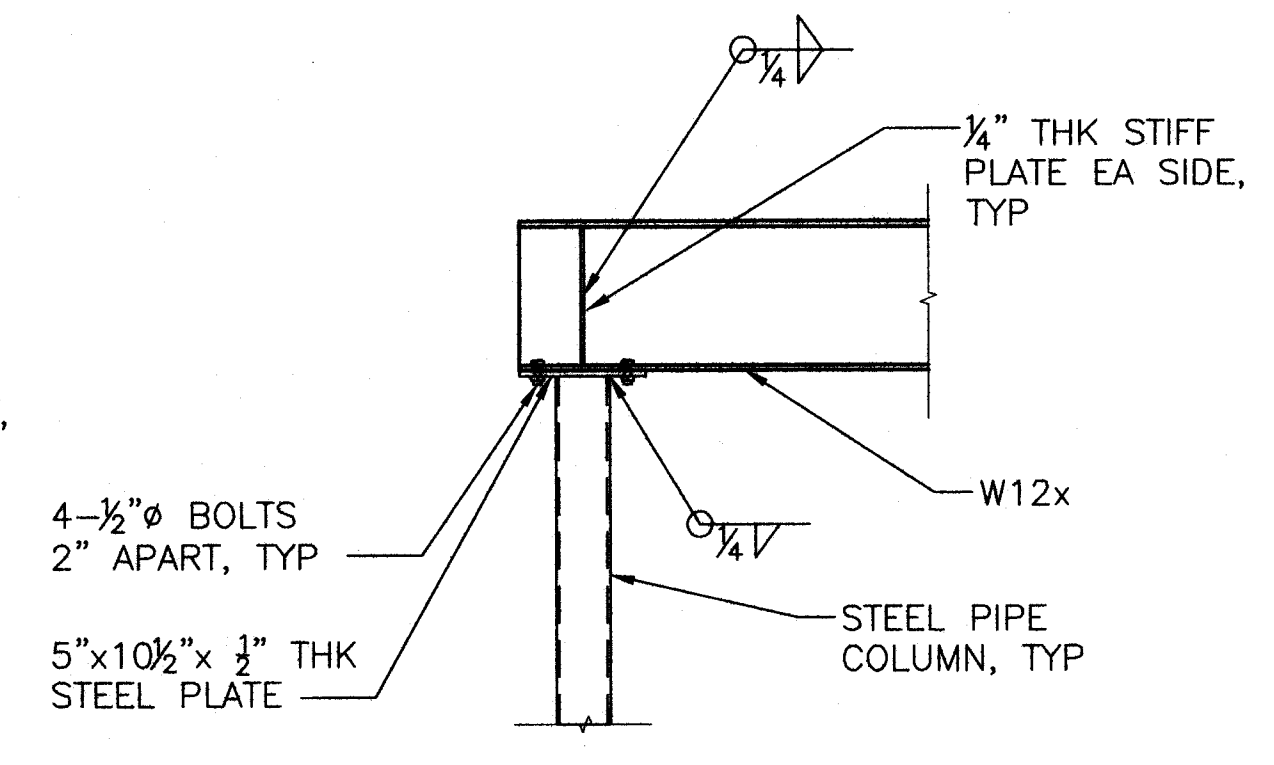


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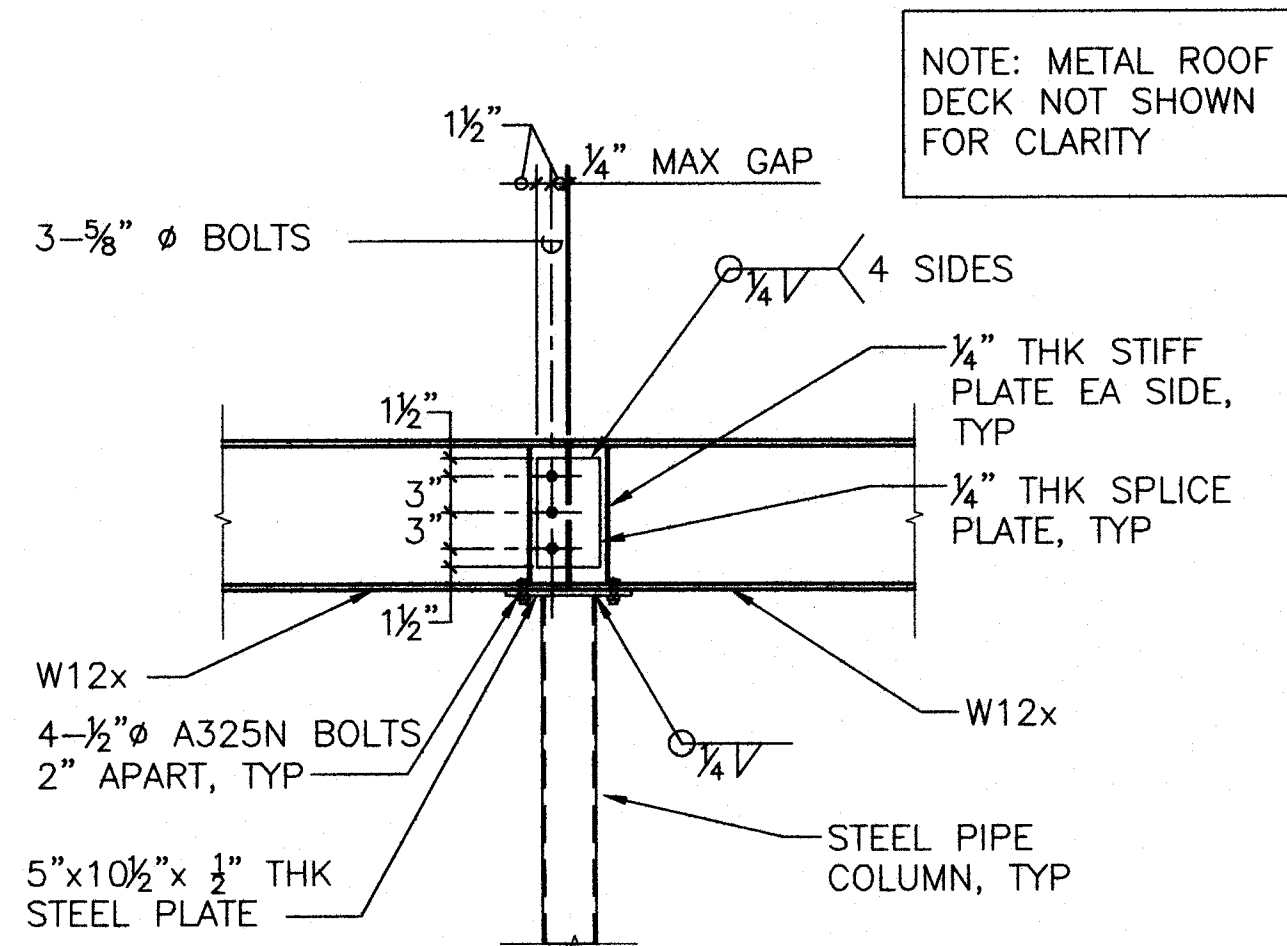


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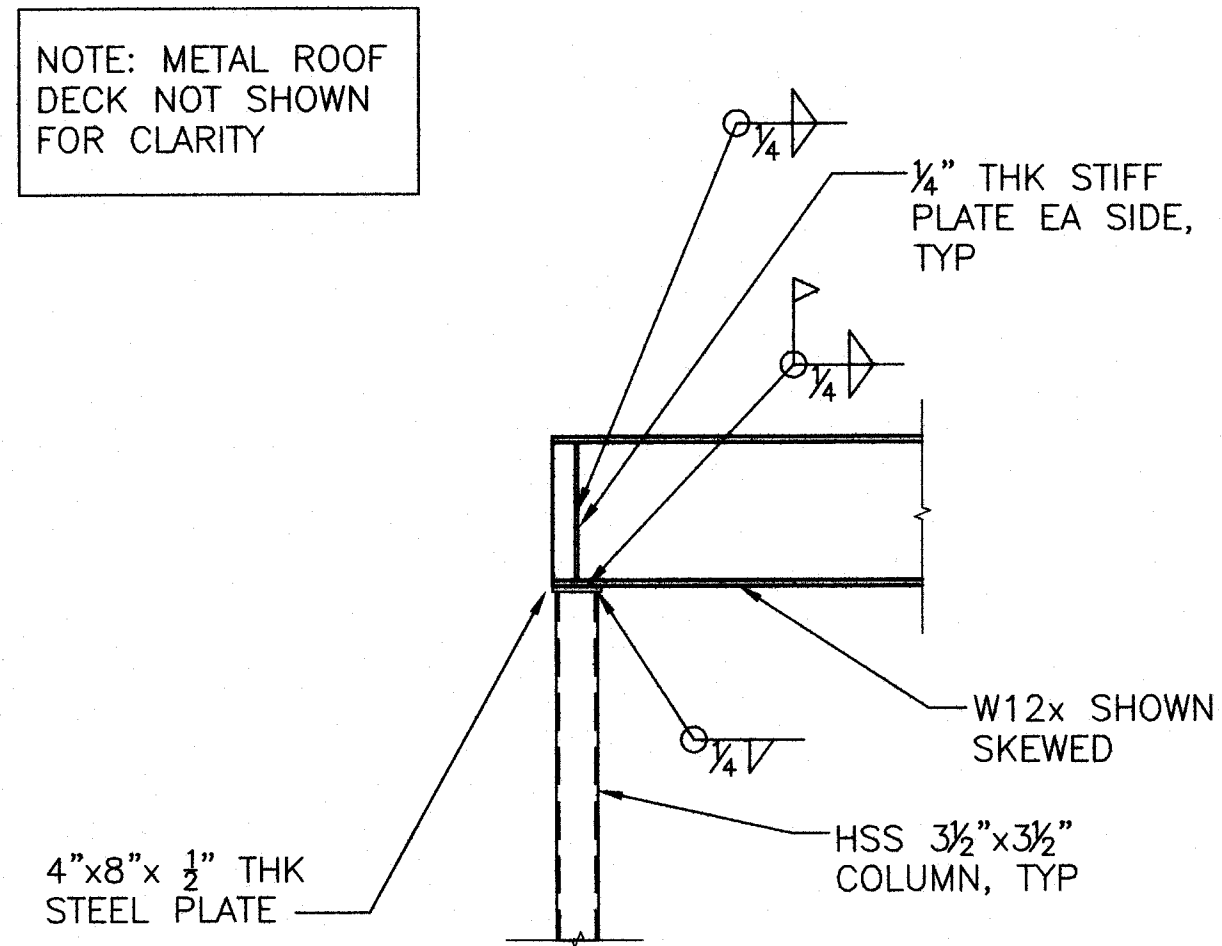
NOTE: METAL ROOF DECK NOT SHOWN FOR CLARITY



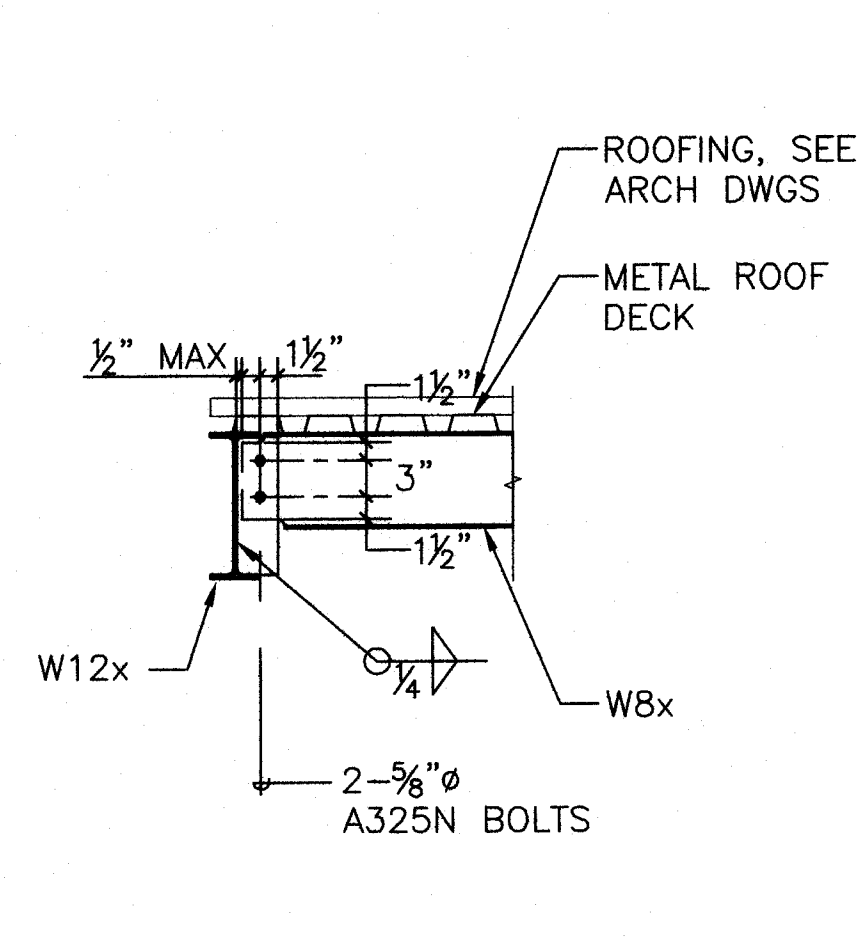
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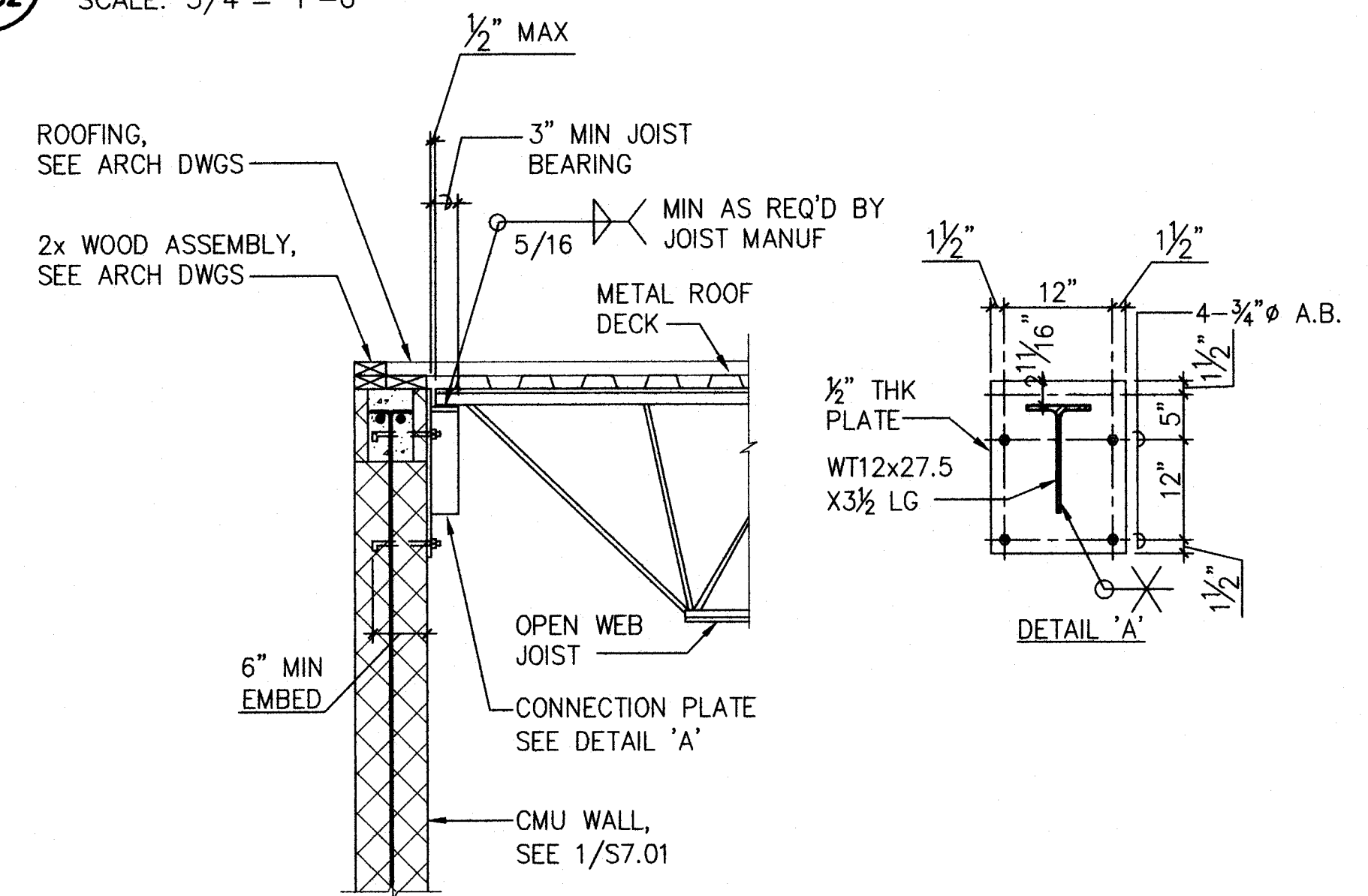
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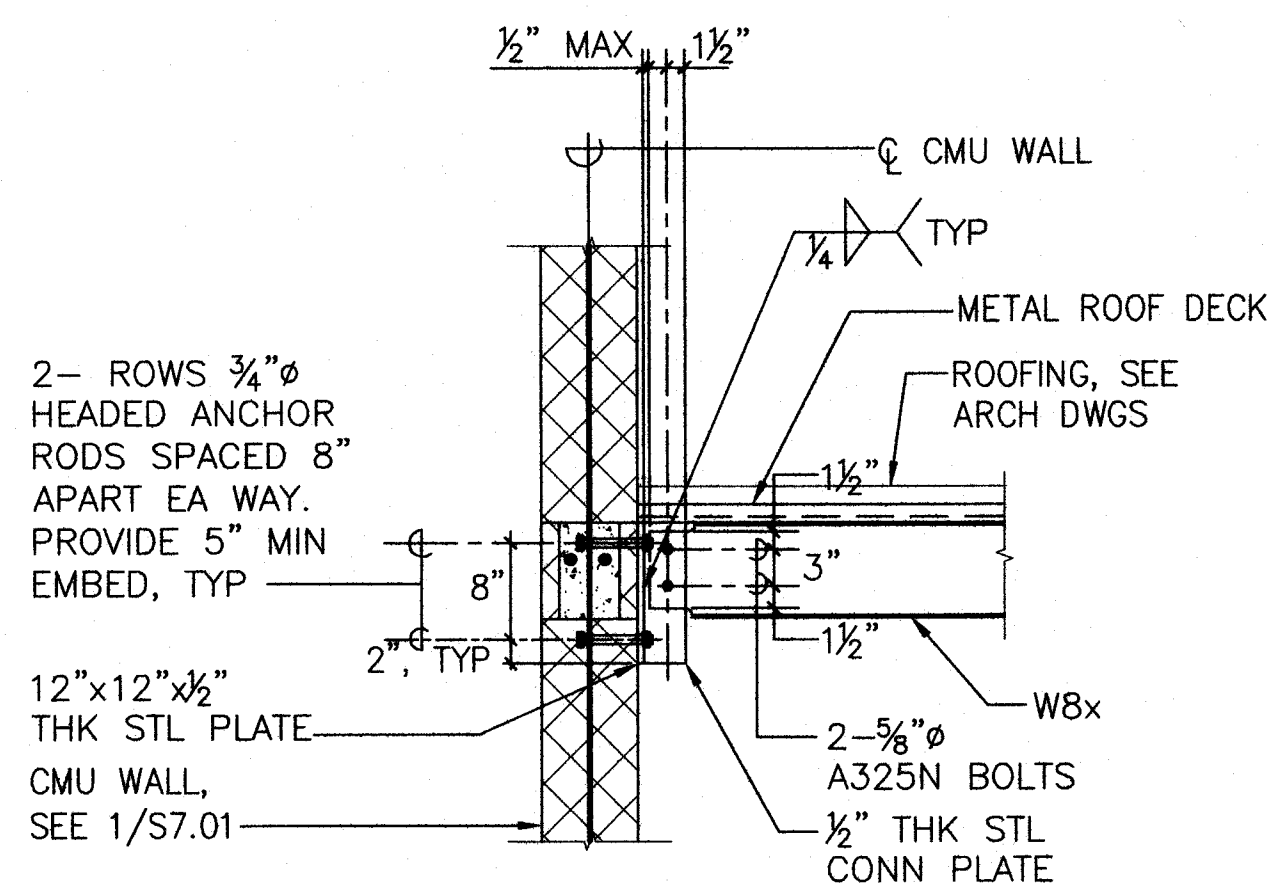
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7 SECTION
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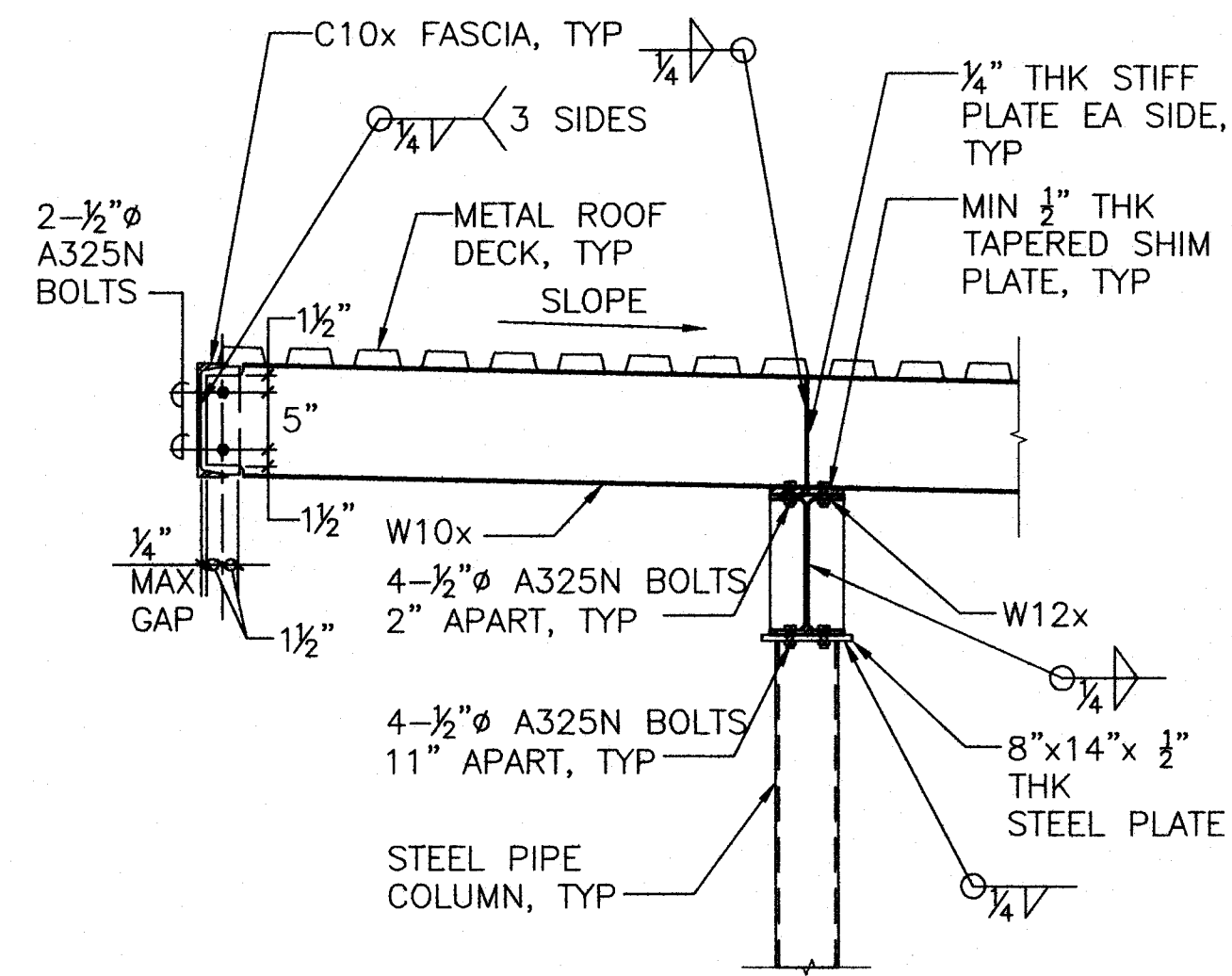


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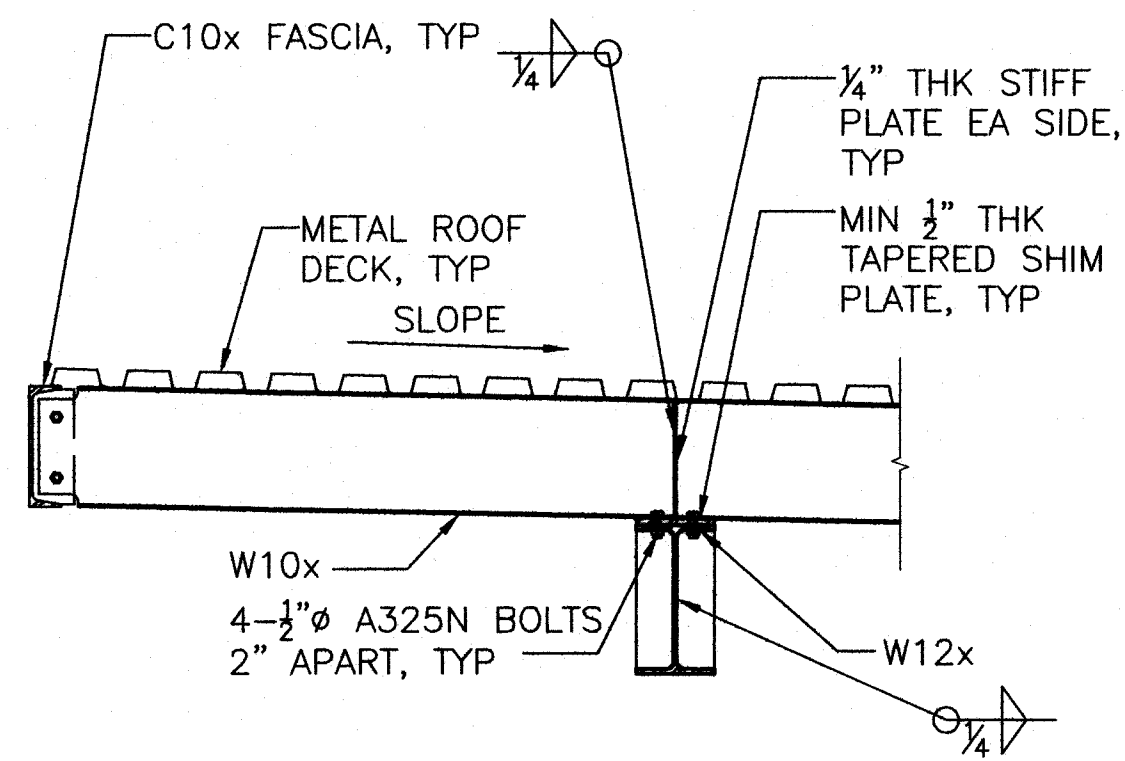


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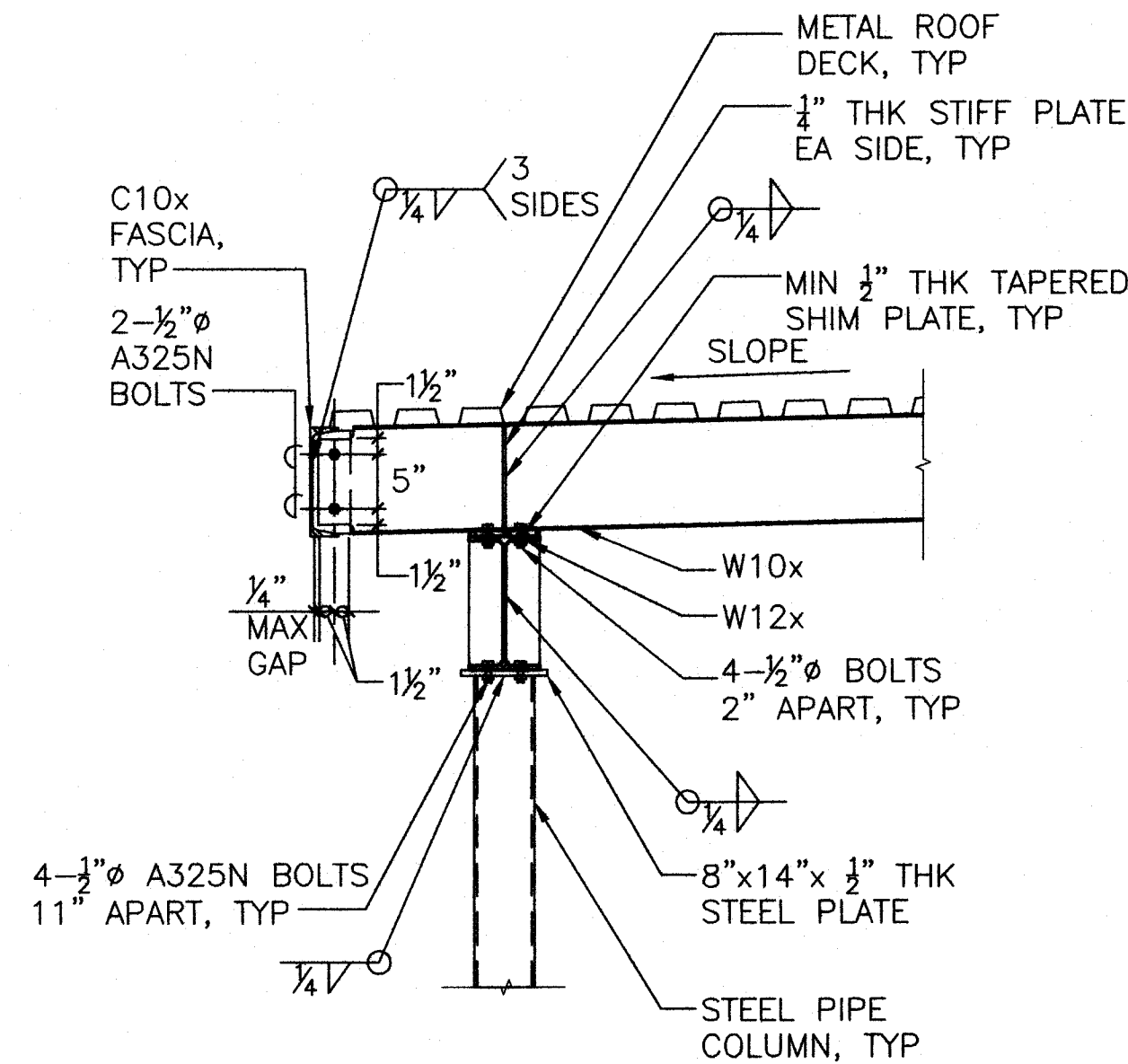
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MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII					
SECTIONS					
DESIGNED:	RI	SUBMITTED:	<i>[Signature]</i>		
DRAWN:	IB	DATE:	03/15/2016		
CHECKED:	RI	SCALE:			
APPROVED:	<i>[Signature]</i> CHIEF ENGINEER		DATE:	MAR 23 2016	
DRAWING NO.			S2.02		



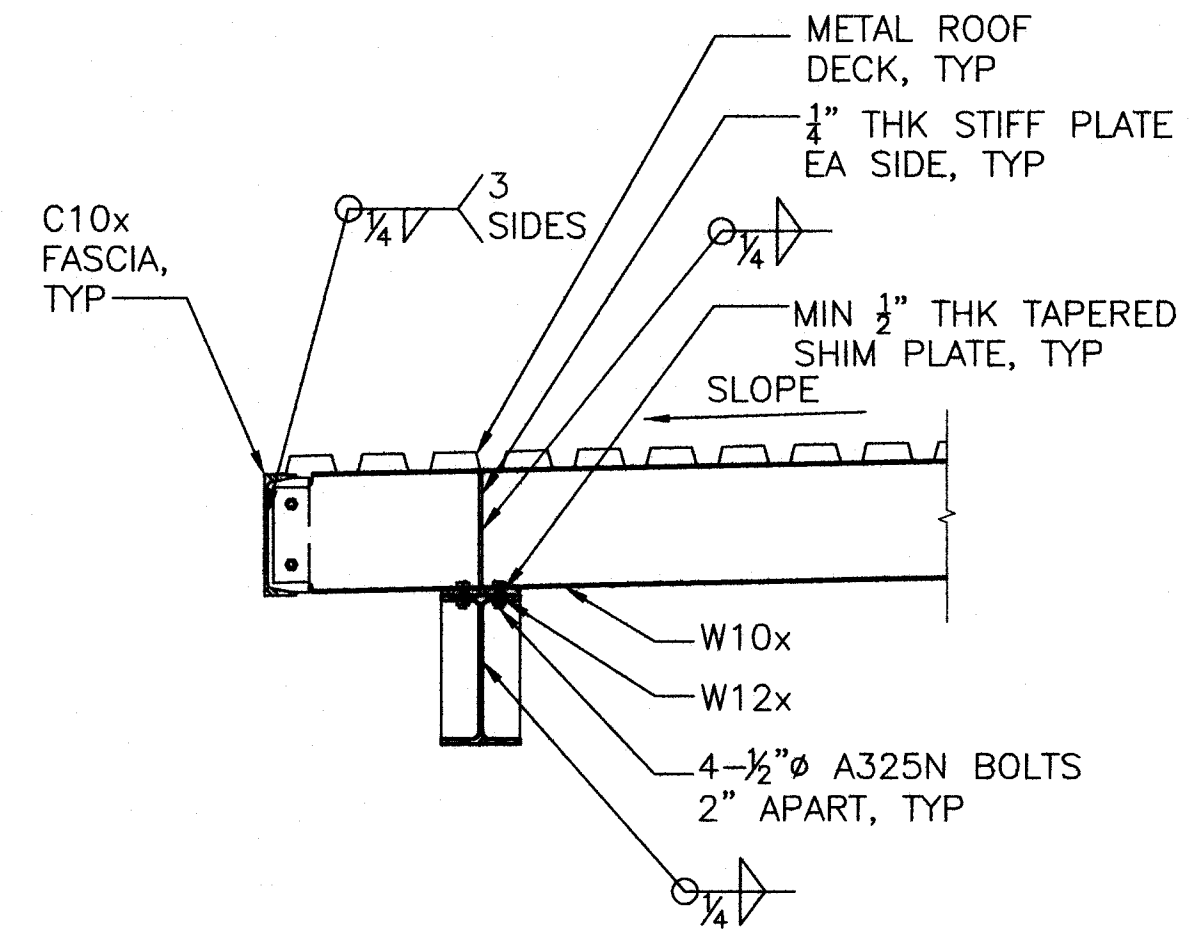
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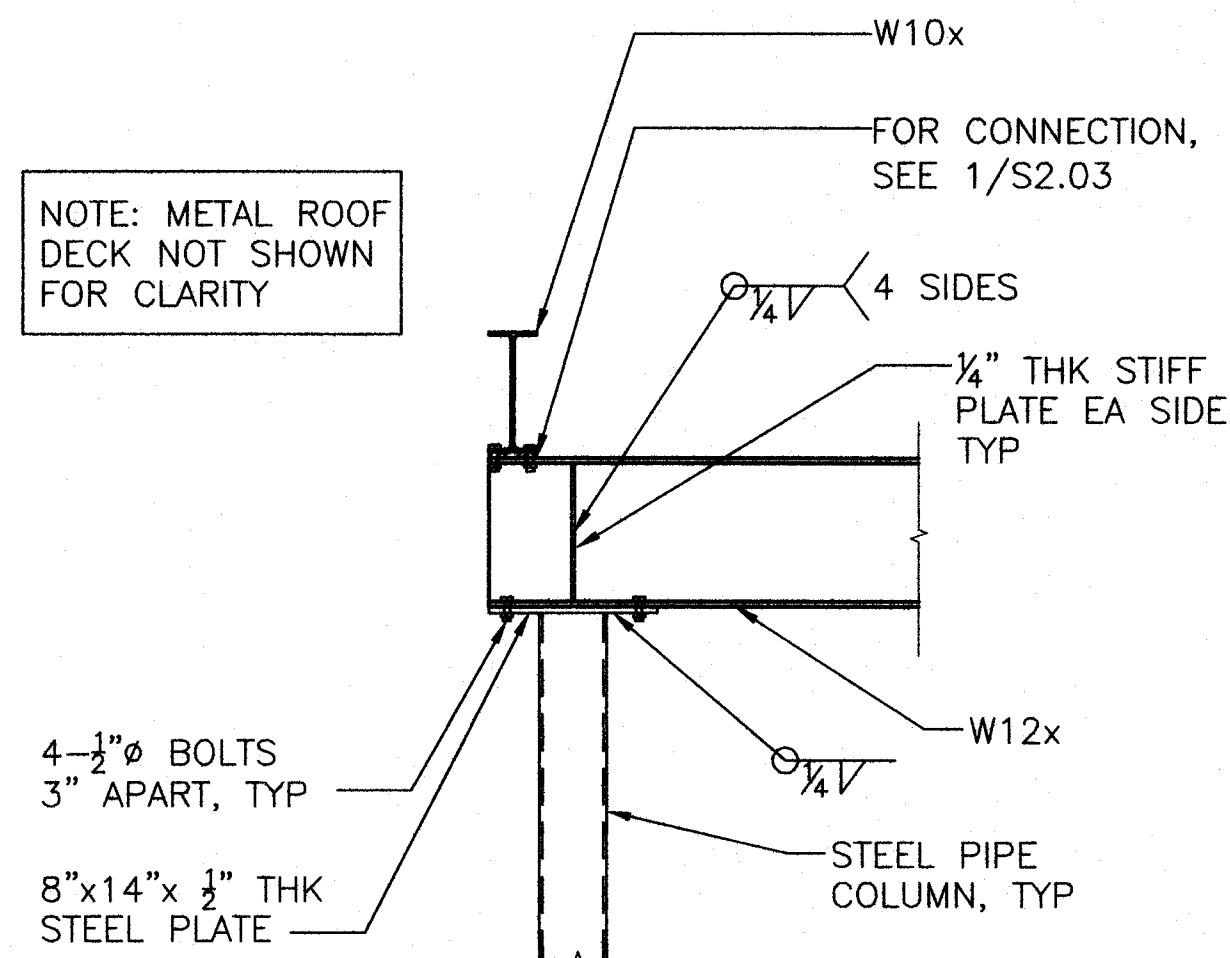
2 SECTION
S2.03 SCALE: 3/4" = 1'-0"



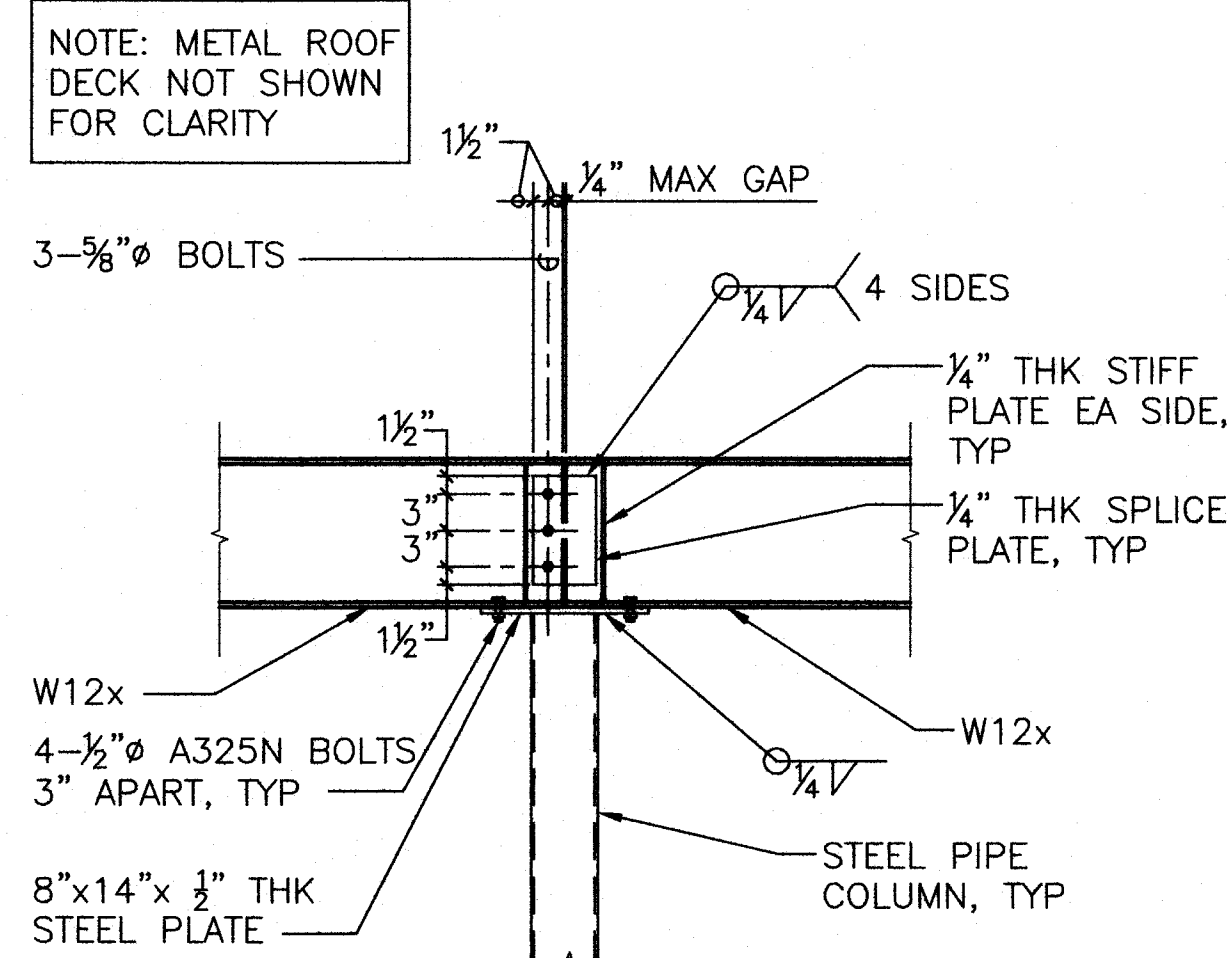
3 SECTION
S2.03 SCALE: 3/4" = 1'-0"



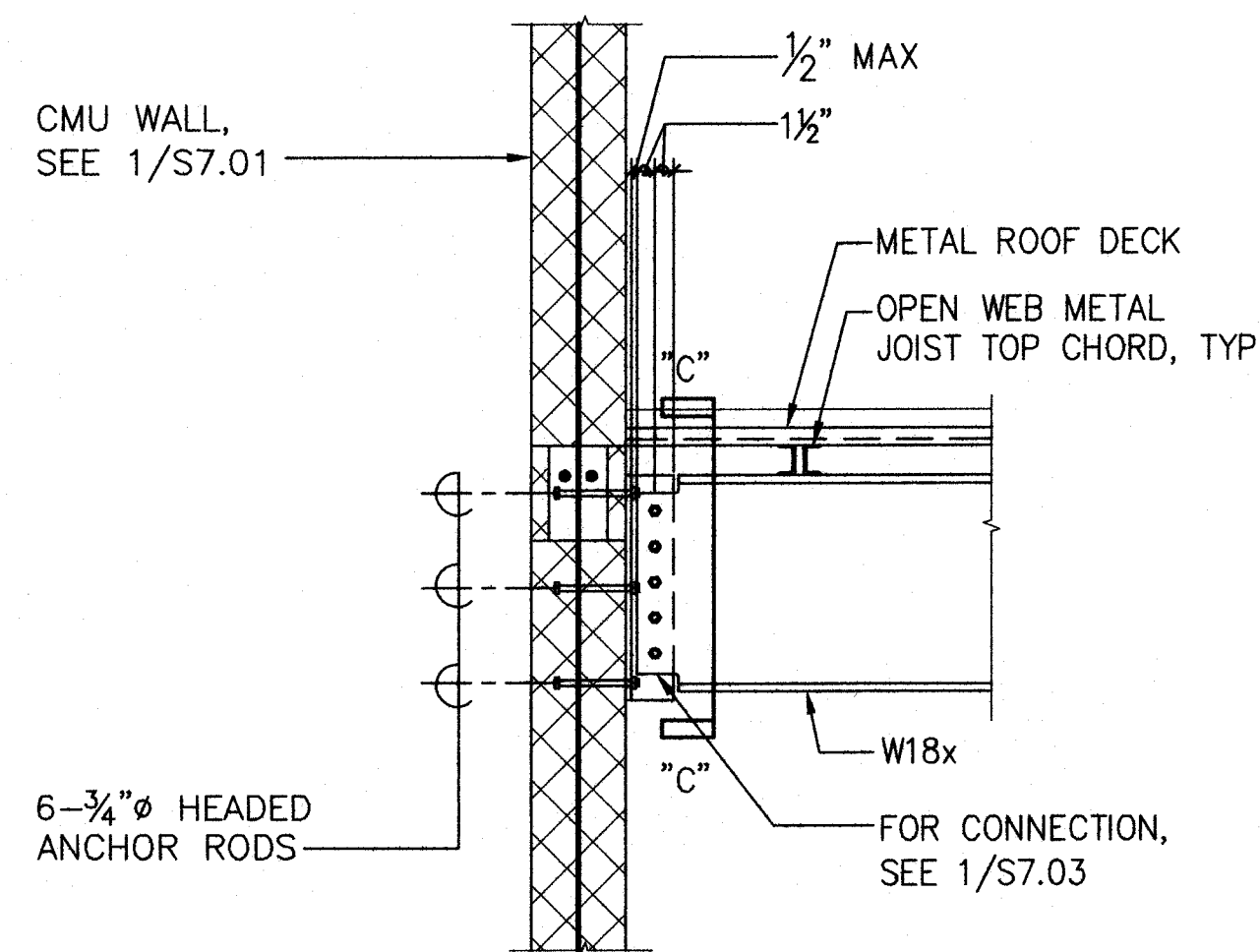
4 SECTION
S2.03 SCALE: 3/4" = 1'-0"



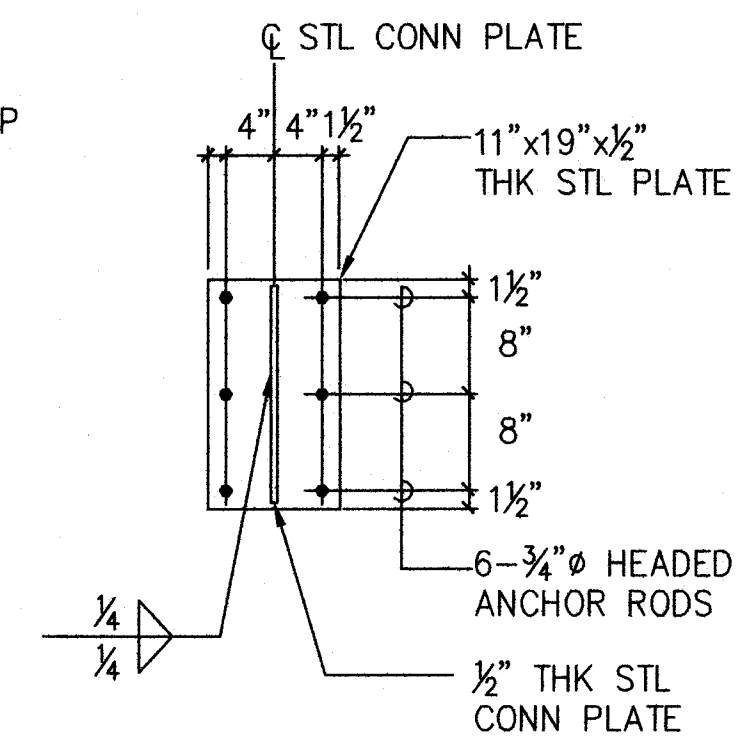
5 SECTION
S2.03 SCALE: 3/4" = 1'-0"



6 SECTION
S2.03 SCALE: 3/4" = 1'-0"

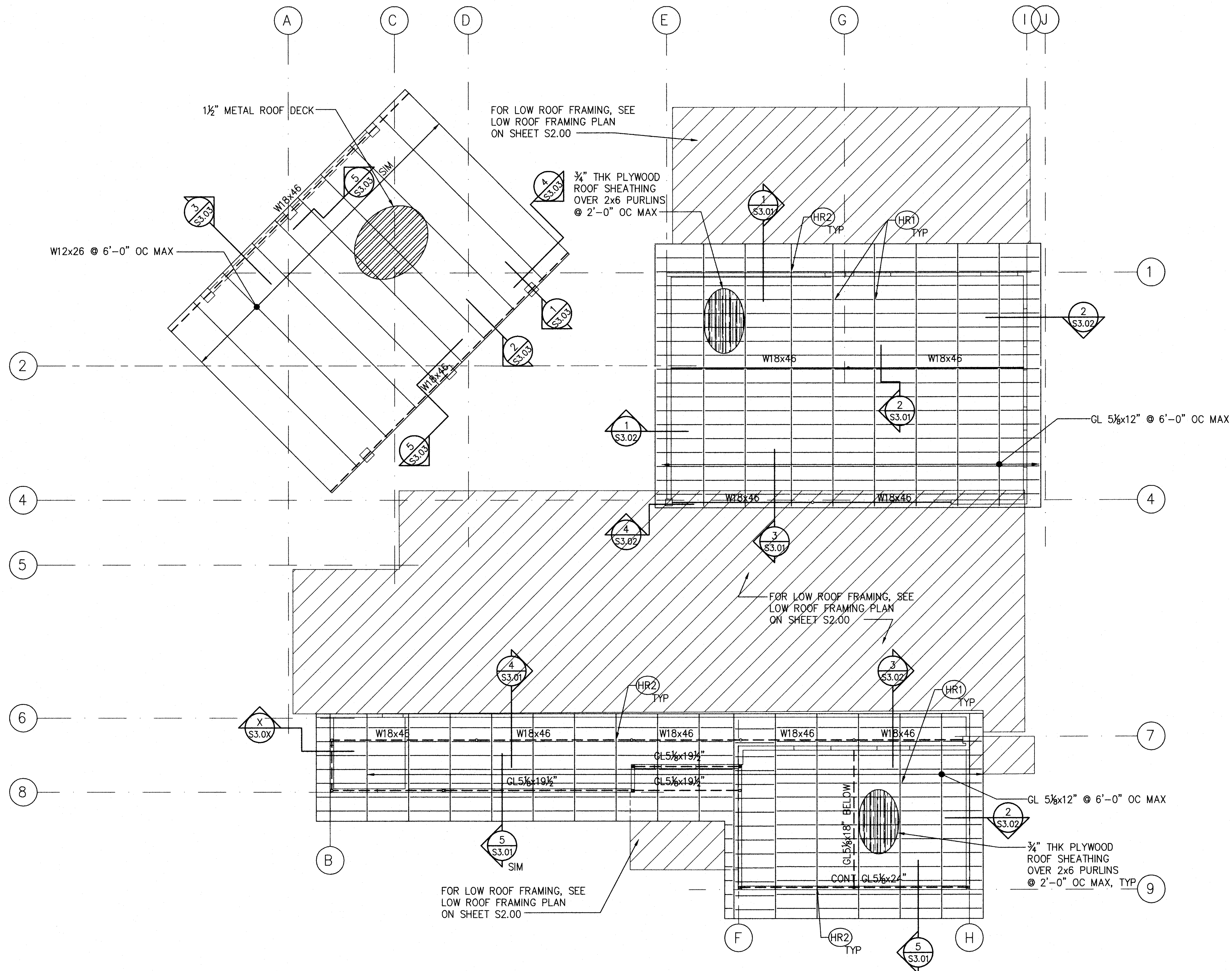


7 SECTION
S2.03 SCALE: 3/4" = 1'-0"



SECTION "C"
NOT TO SCALE

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII					
SECTIONS					
DESIGNED:	RI	SUBMITTED:	[Signature]		
DRAWN:	IB	DATE:	03/15/2016		
CHECKED:	RI	SCALE:			
APPROVED:	[Signature]	DATE:	MAR 23 2016		
DRAWING NO.		S2.03			



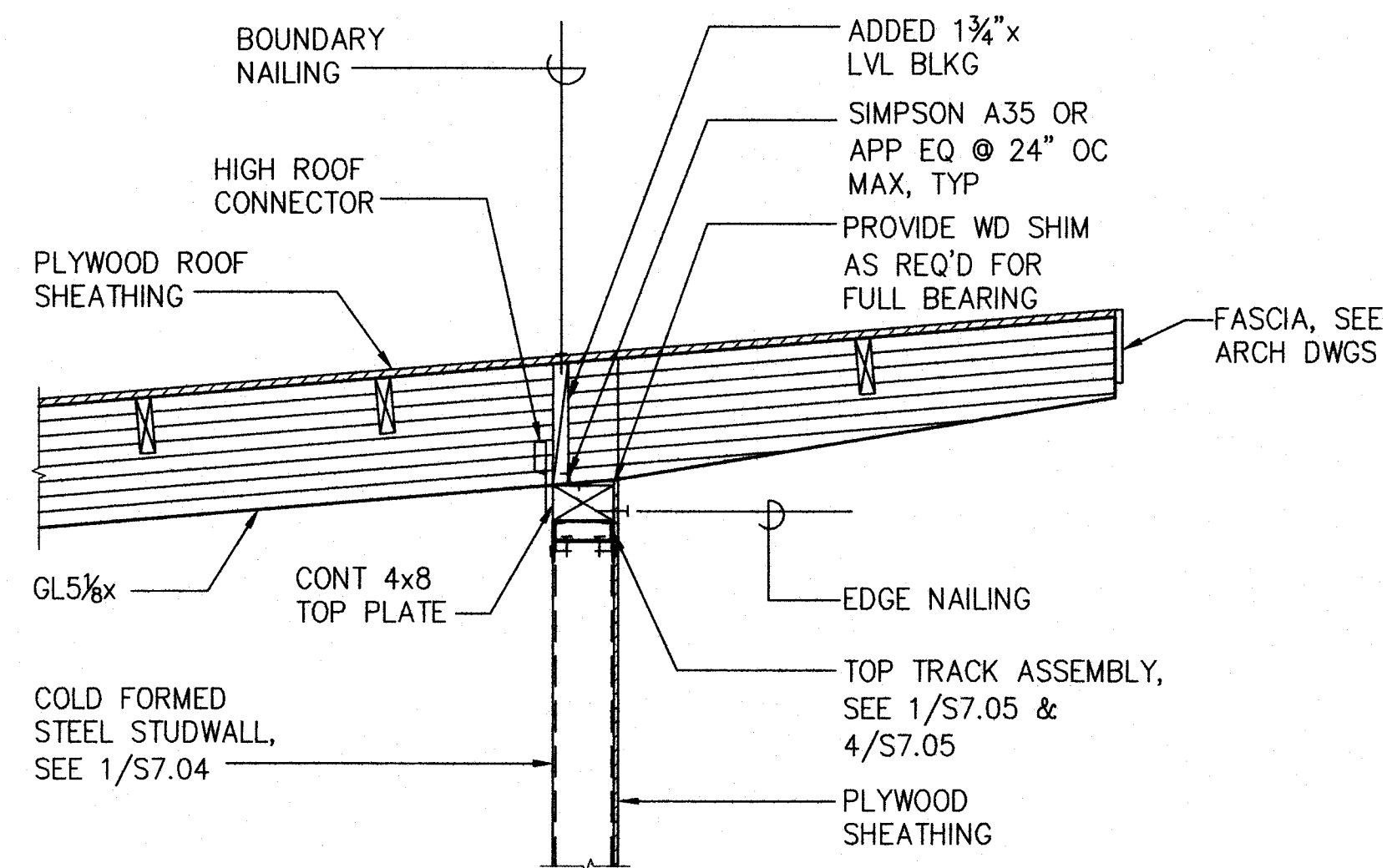
- ▭▭▭ INDICATES CMU WALL BELOW.
- INDICATES CONC COLUMN BELOW
- (HR1) INDICATES HIGH ROOF CONNECTOR TYPE. SEE SCHEDULE THIS SHEET

- NOTES:
1. FOR METAL ROOF DECK SCHEDULE SEE 4/S7.06 FOR METAL DECK ATTACHMENT TO FRAMING, SEE 6/S7.06
 2. FOR ADDED REINFORCING AROUND METAL DECK OPENINGS NOT SHOWN ON DWGS, SEE 5/S7.06
 3. SEE SECTIONS FOR ADDITIONAL STRUCTURAL STEEL SIZES NOT SHOWN ON PLAN.
 4. FOR TYPICAL PLYWOOD SHEATHING ROOF OPENING, SEE 6/S7.05

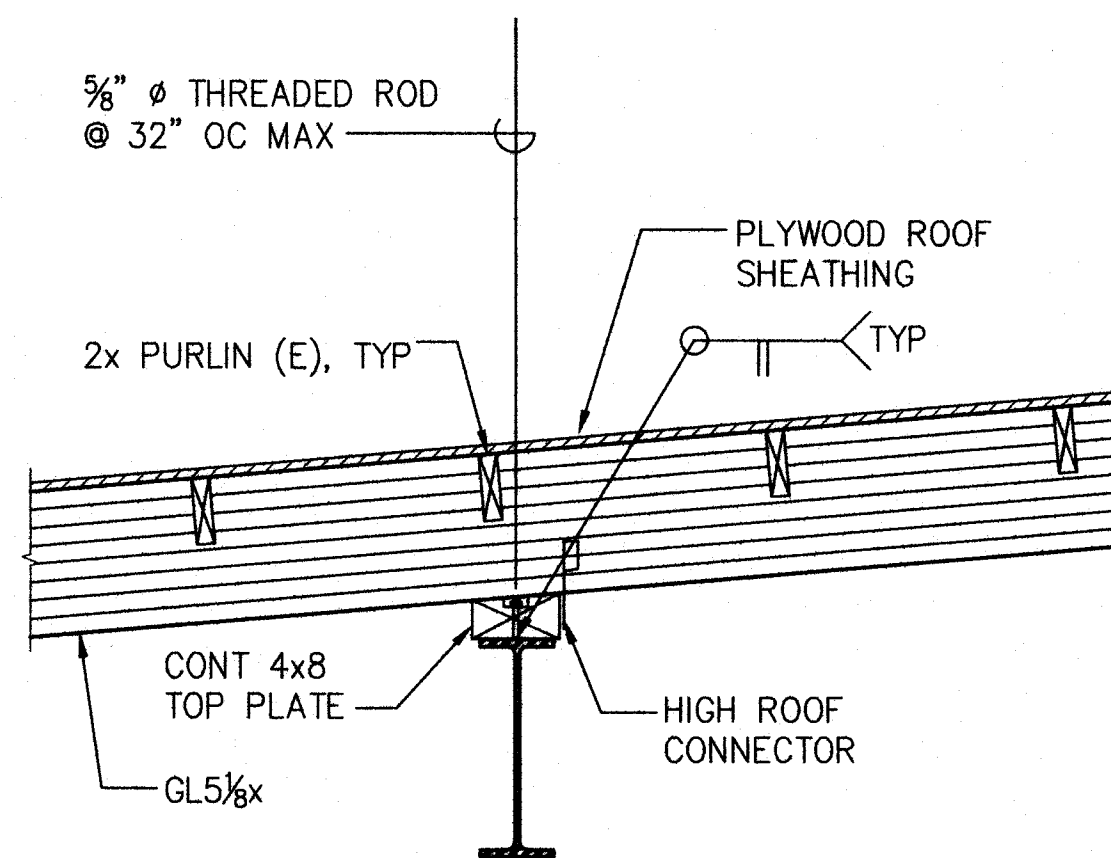
HIGH ROOF CONNECTOR SCHEDULE		
MARK	CONNECTOR TYPE	REMARKS
(HR1)	SIMPSON LUS26 OR APP EQ	2x PURLIN TO GL BEAM
(HR2)	2-SIMPSON H8 OR APP EQ	GL TO 4x PLATE BELOW
(HR3)	SIMPSON HUCQ5.25/11-SDS OR APP EQ	GL BEAM TO CMU WALL. PROVIDE SIMPSON TITEN SCREWS OR APP EQ INTO CMU.

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

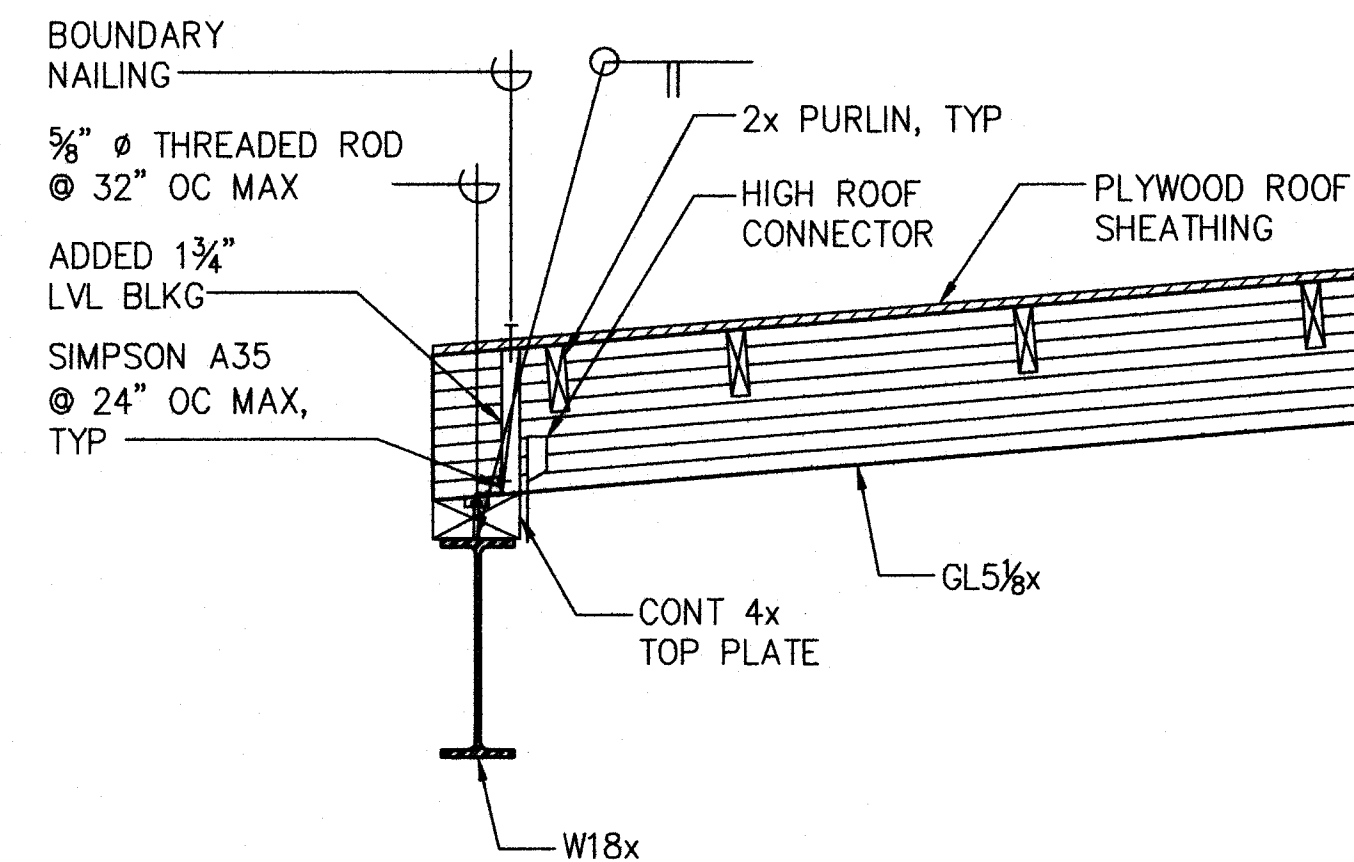
REVISION NO.	SYM.	DESCRIPTION	SHT. OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII HIGH ROOF FRAMING PLAN					
		DESIGNED: RI DRAWN: IB CHECKED: RI	SUBMITTED: <i>[Signature]</i> DATE: 03/15/2016 SCALE:	APPROVED: <i>[Signature]</i> CHIEF ENGINEER	
EXP. DATE: 4/30/16 <small>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.</small>		MAR 23 2016 DATE		DRAWING NO. S3.00	



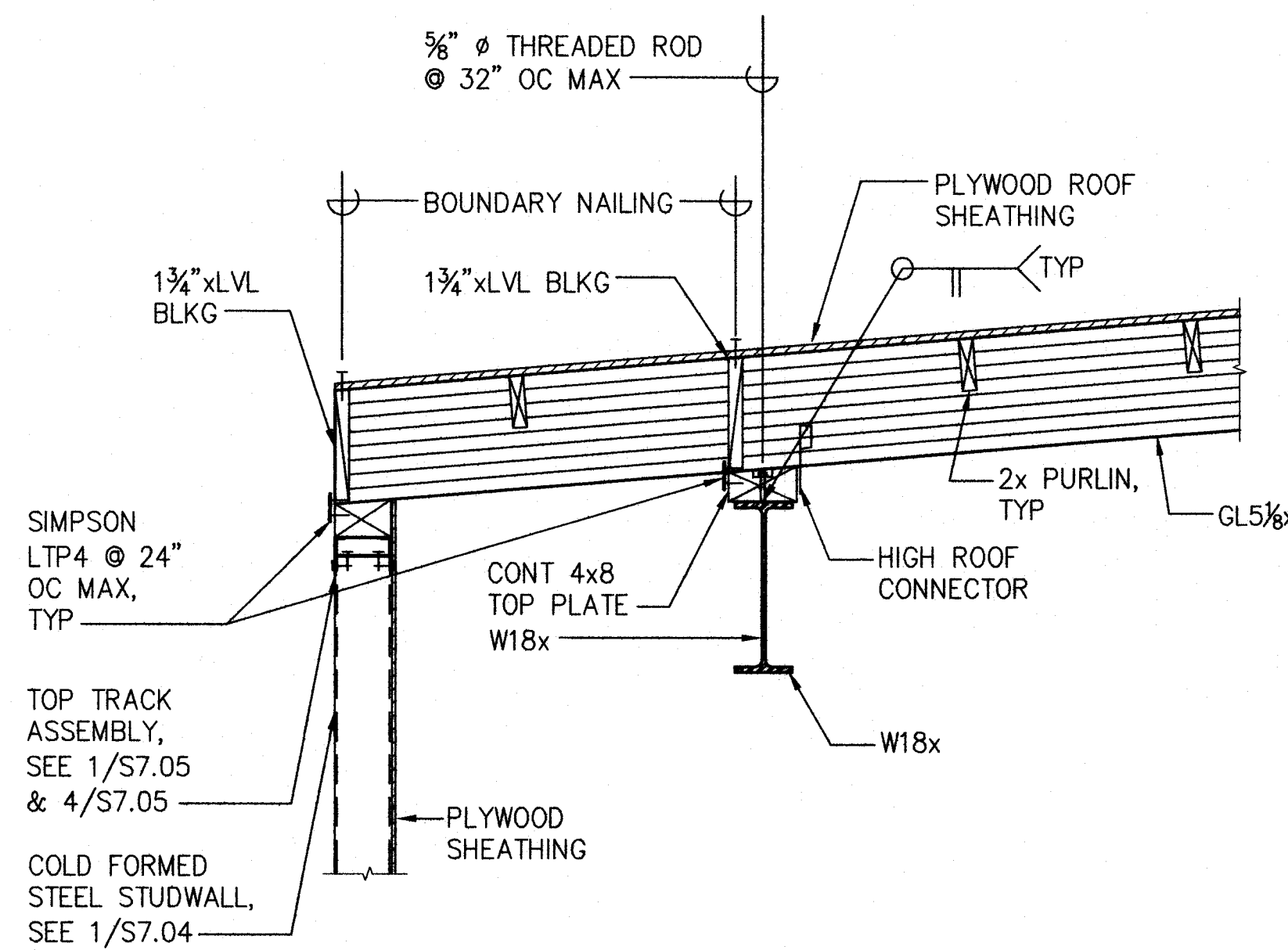
1 SECTION
 S3.01 SCALE: 3/4" = 1'-0"



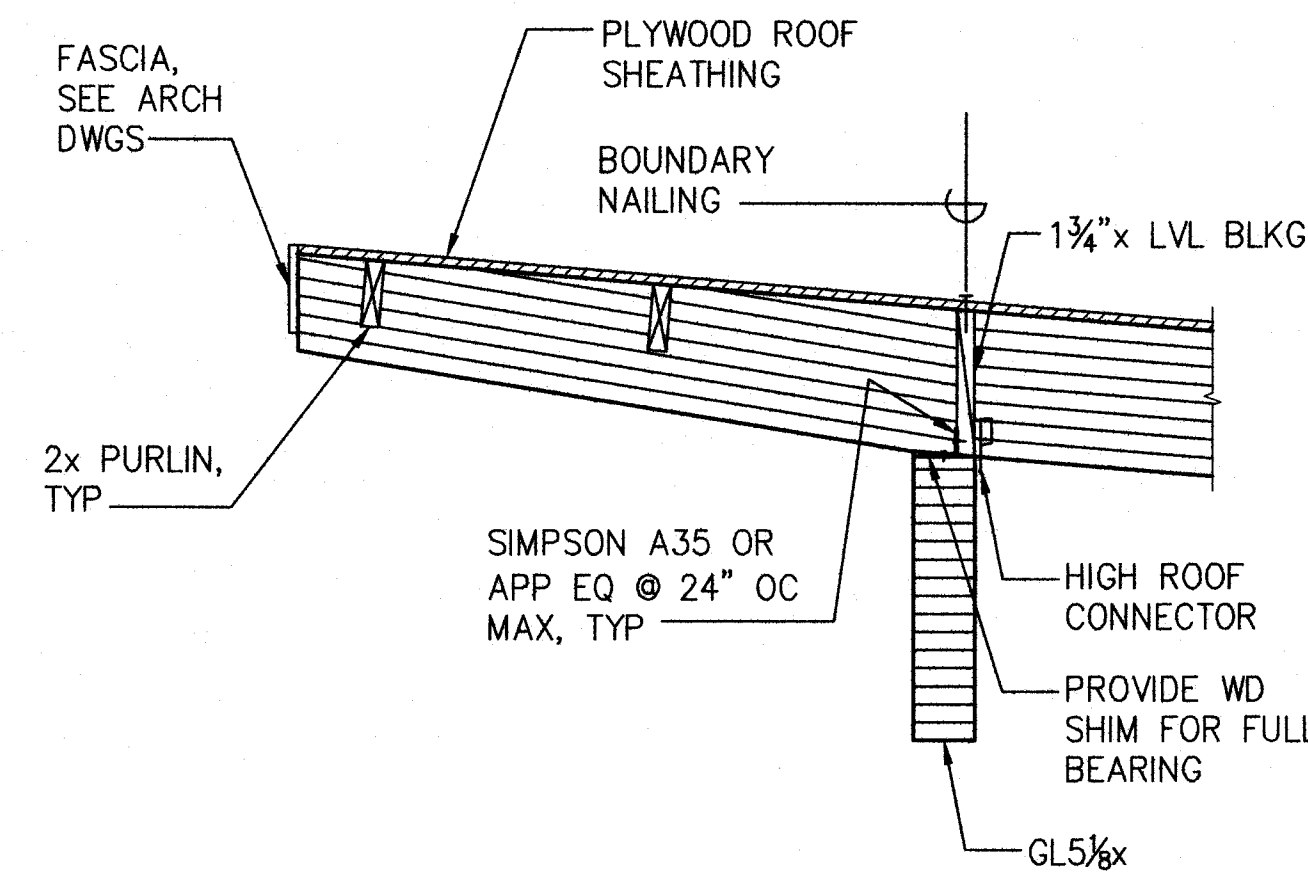
2 SECTION
 S3.01 SCALE: 3/4" = 1'-0"



3 SECTION
 S3.01 SCALE: 3/4" = 1'-0"

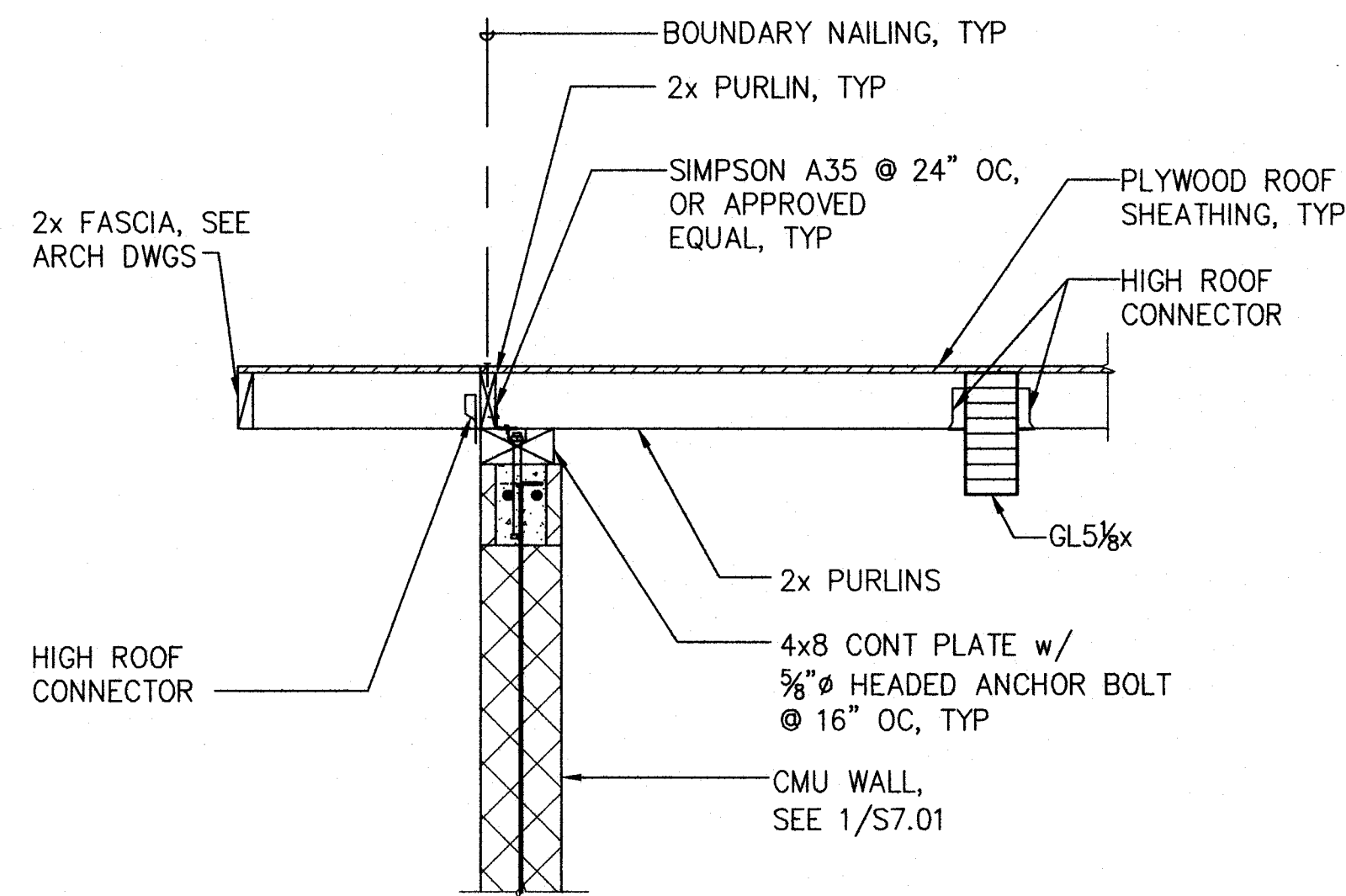


4 SECTION
 S3.01 SCALE: 3/4" = 1'-0"

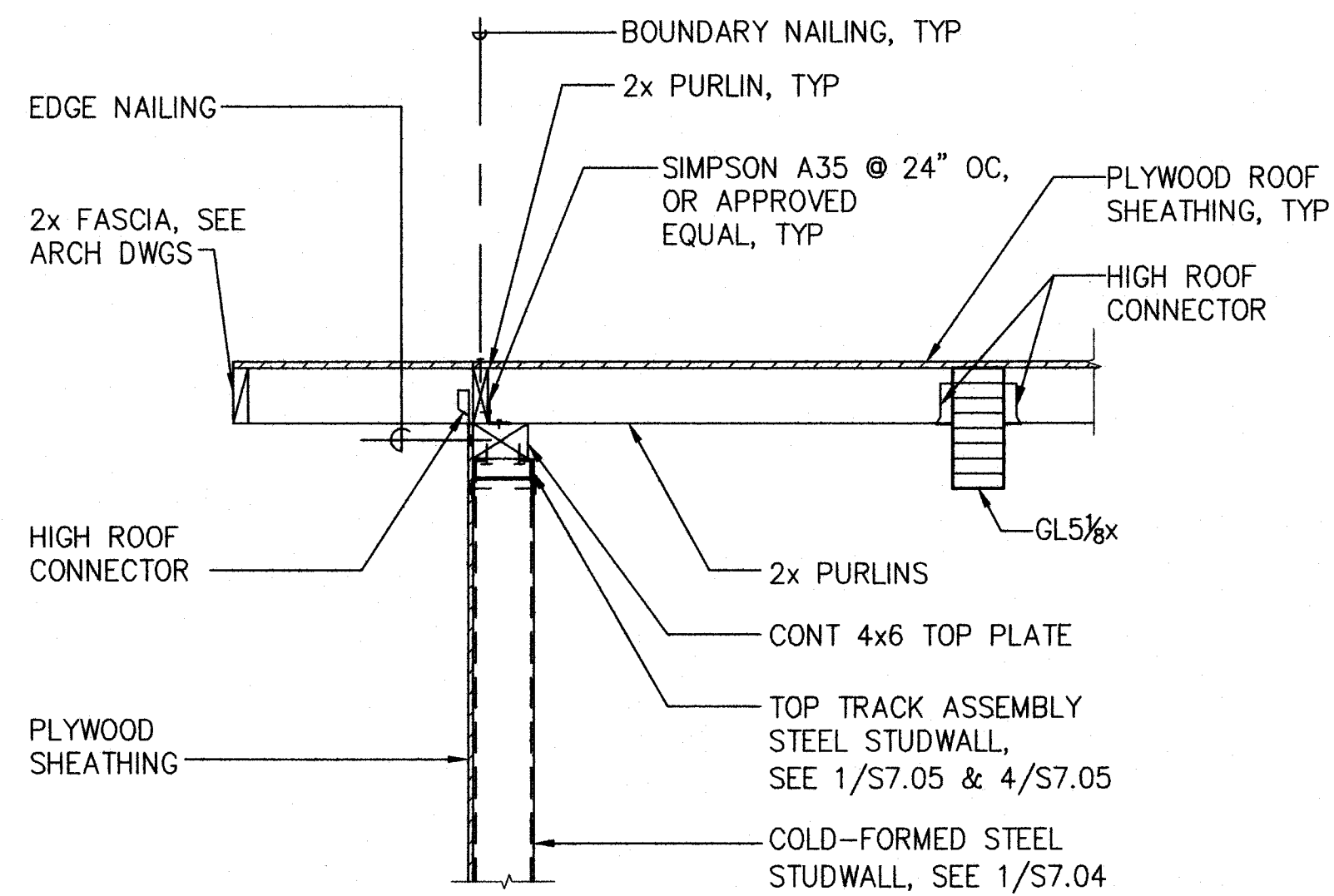


5 SECTION
 S3.01 SCALE: 3/4" = 1'-0"

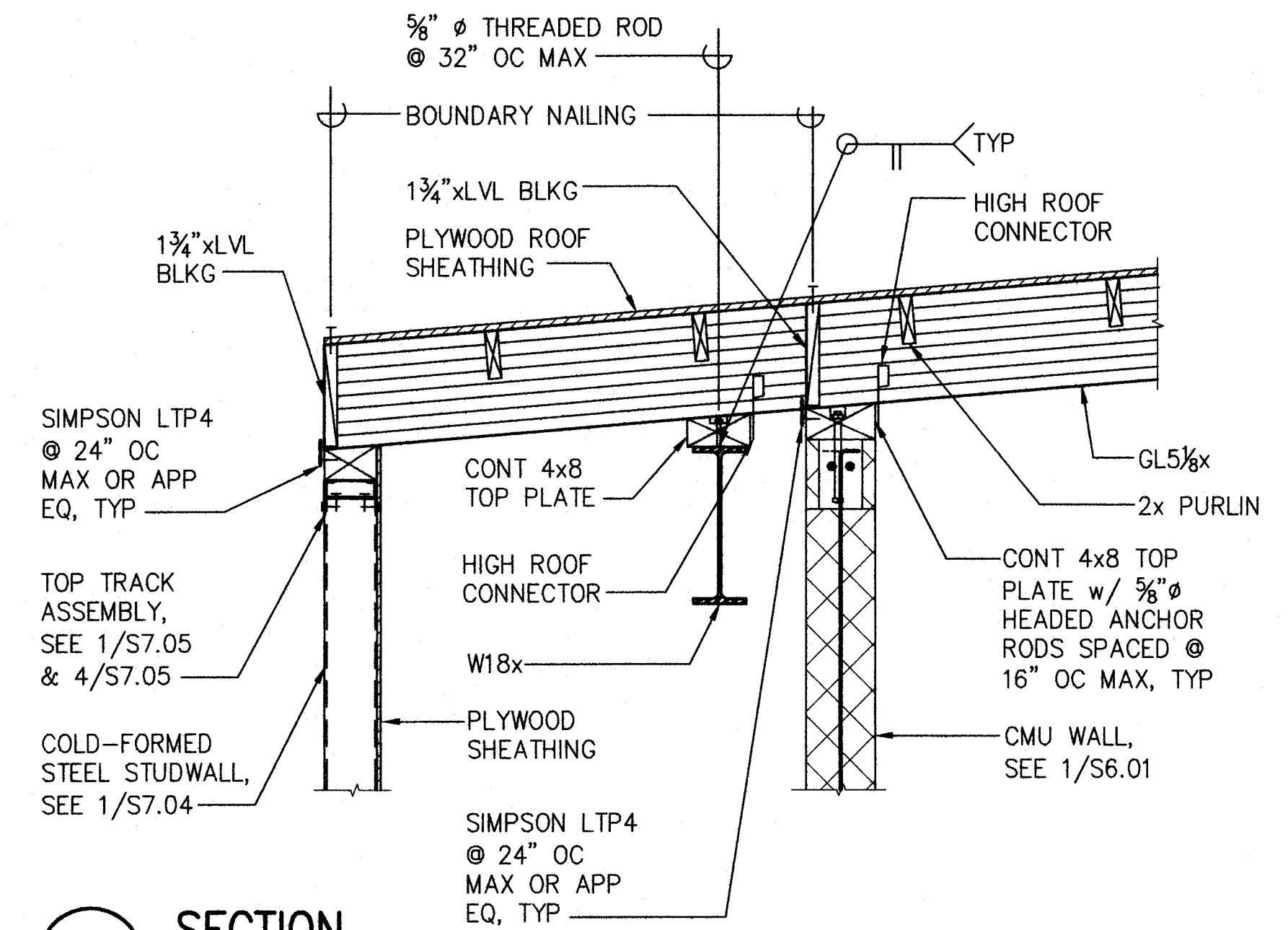
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII SECTIONS					
		DESIGNED: RI DRAWN: IB CHECKED: RI APPROVED: <i>[Signature]</i> CHIEF ENGINEER	SUBMITTED: <i>[Signature]</i> DATE: 03/15/2016 SCALE:	EXP. DATE: 4/30/16	DRAWING NO. S3.01
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.					
MAR 23 2016 DATE					



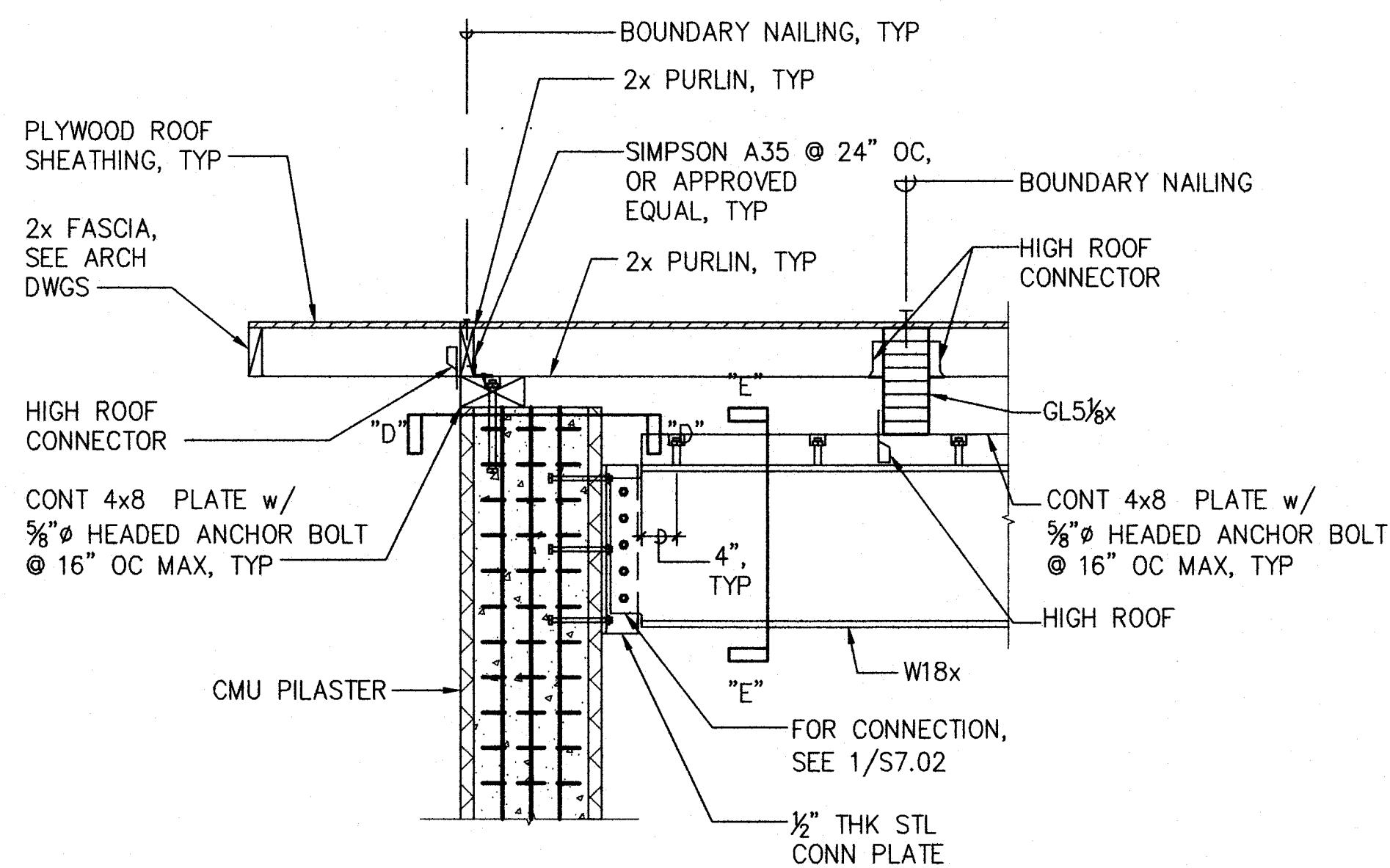
1 SECTION
S3.02 SCALE: 3/4" = 1'-0"



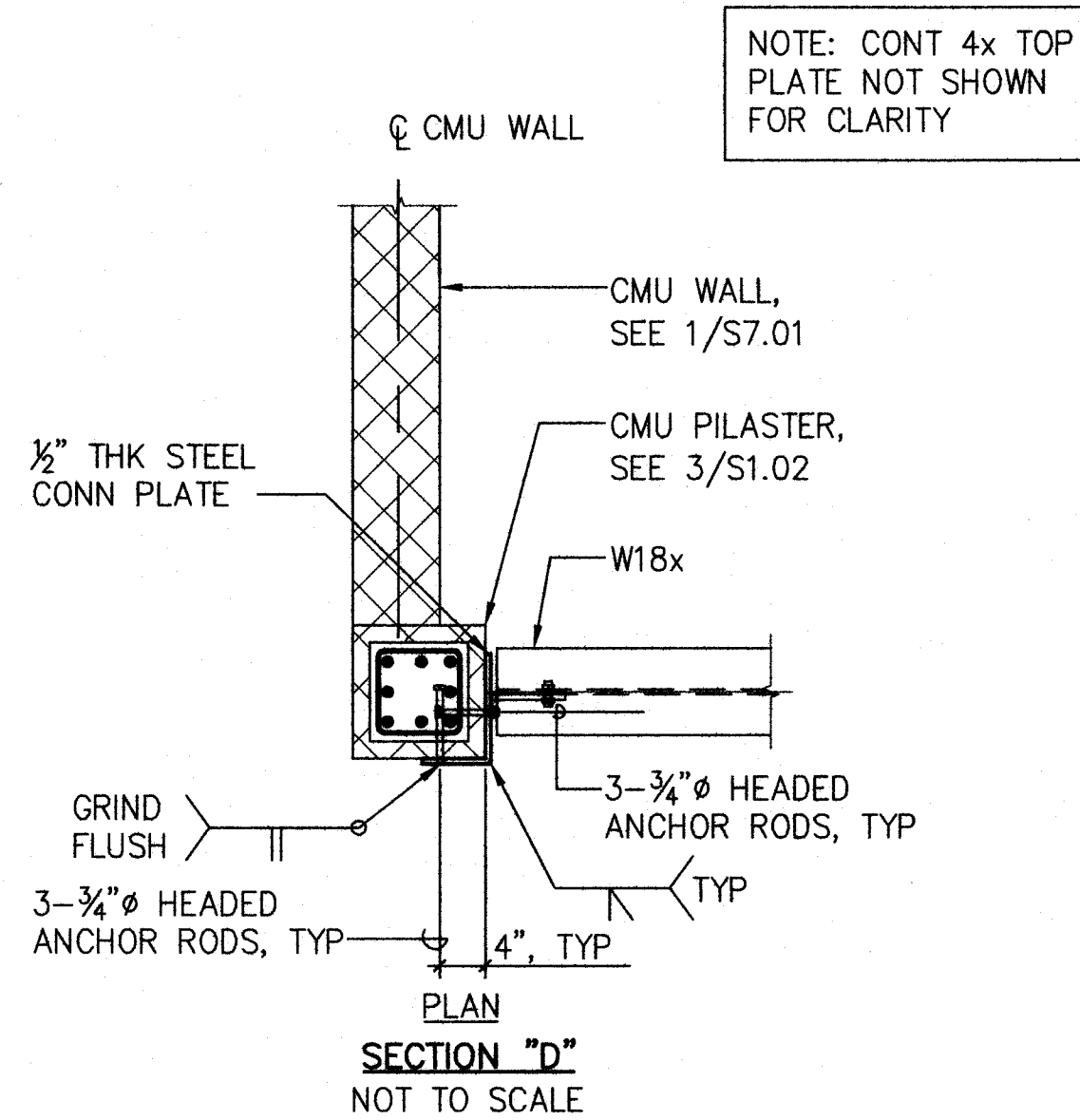
2 SECTION
S3.02 SCALE: 3/4" = 1'-0"



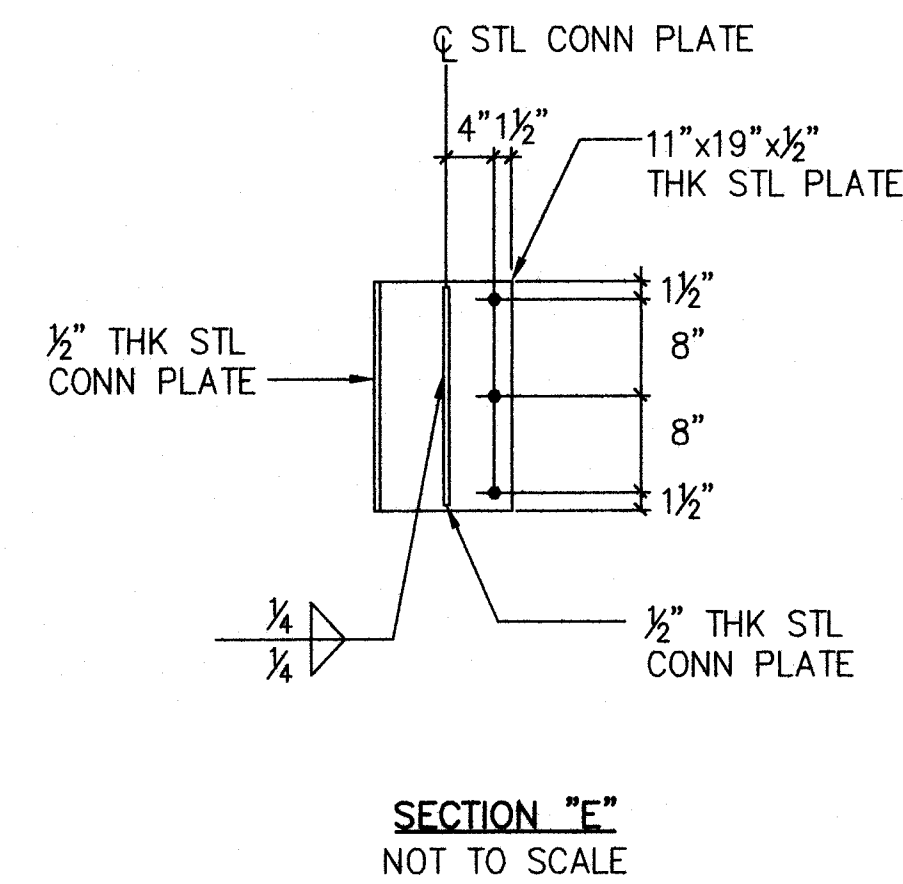
3 SECTION
S3.02 SCALE: 3/4" = 1'-0"



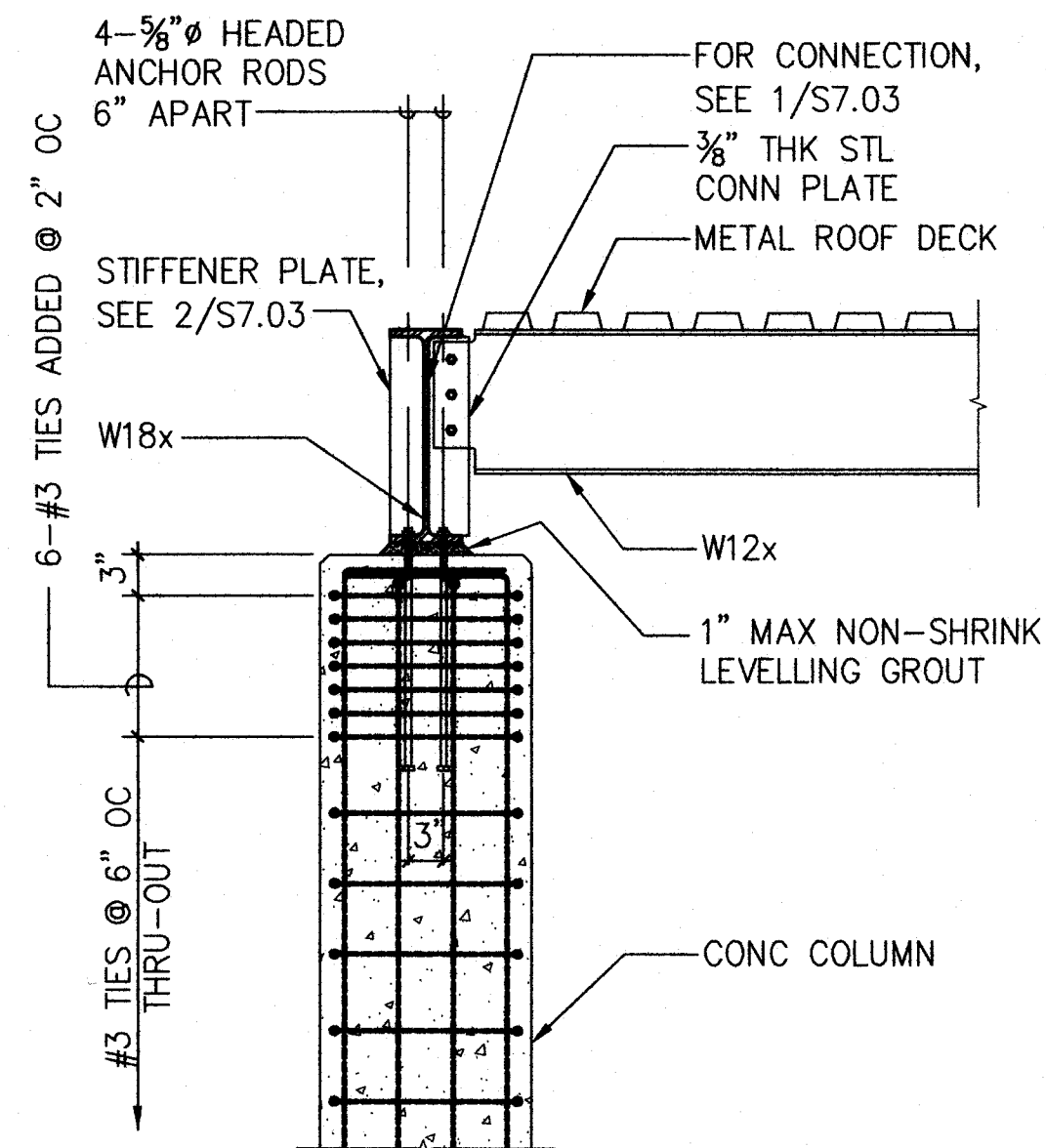
4 SECTION
S3.02 SCALE: 3/4" = 1'-0"



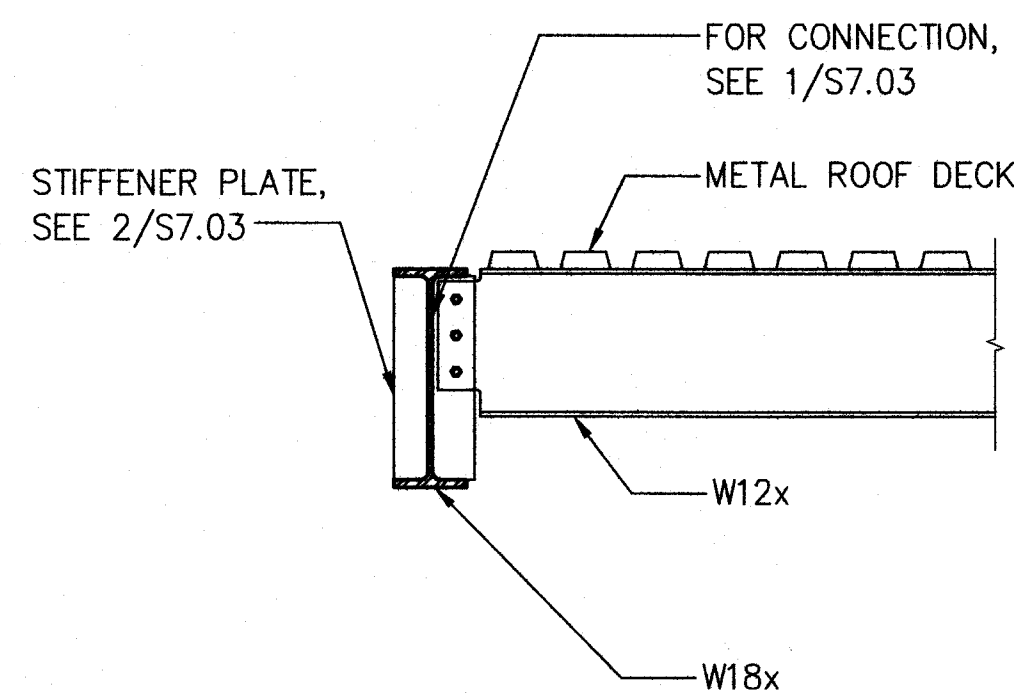
NOTE: CONT 4x TOP PLATE NOT SHOWN FOR CLARITY



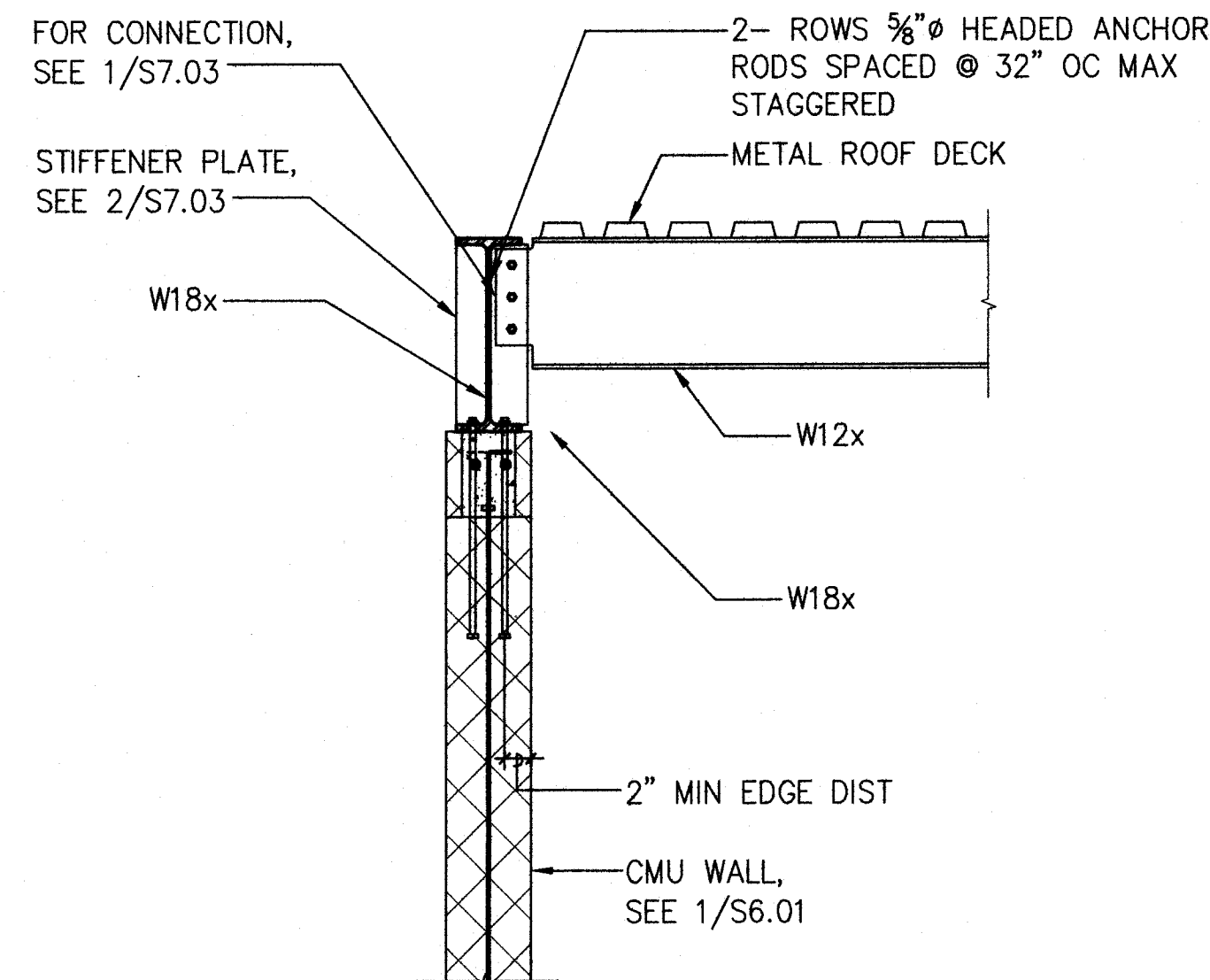
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII SECTIONS					
		DESIGNED: RI DRAWN: IB CHECKED: RI	SUBMITTED: <i>RI</i> DATE: 03/15/2016 SCALE:	EXP. DATE: 4/30/16 APPROVED: <i>R. Iwamoto</i> CHIEF ENGINEER	
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.			MAR 23 2016 DATE	DRAWING NO. S3.02	JOB NO. J43CM74A SHEET NO. 95 OF 152 SHEETS



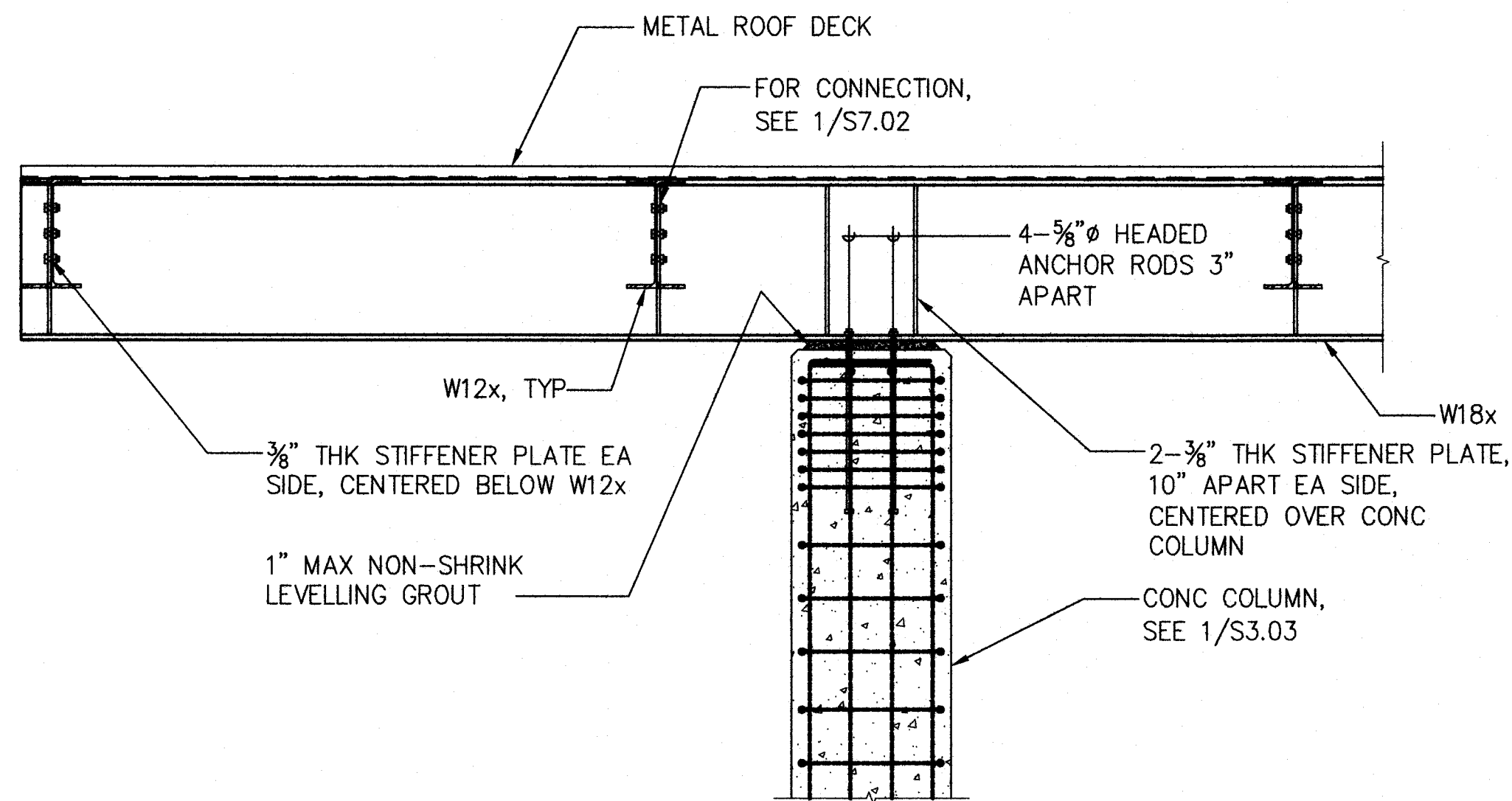
1 SECTION
S3.03 SCALE: 3/4" = 1'-0"



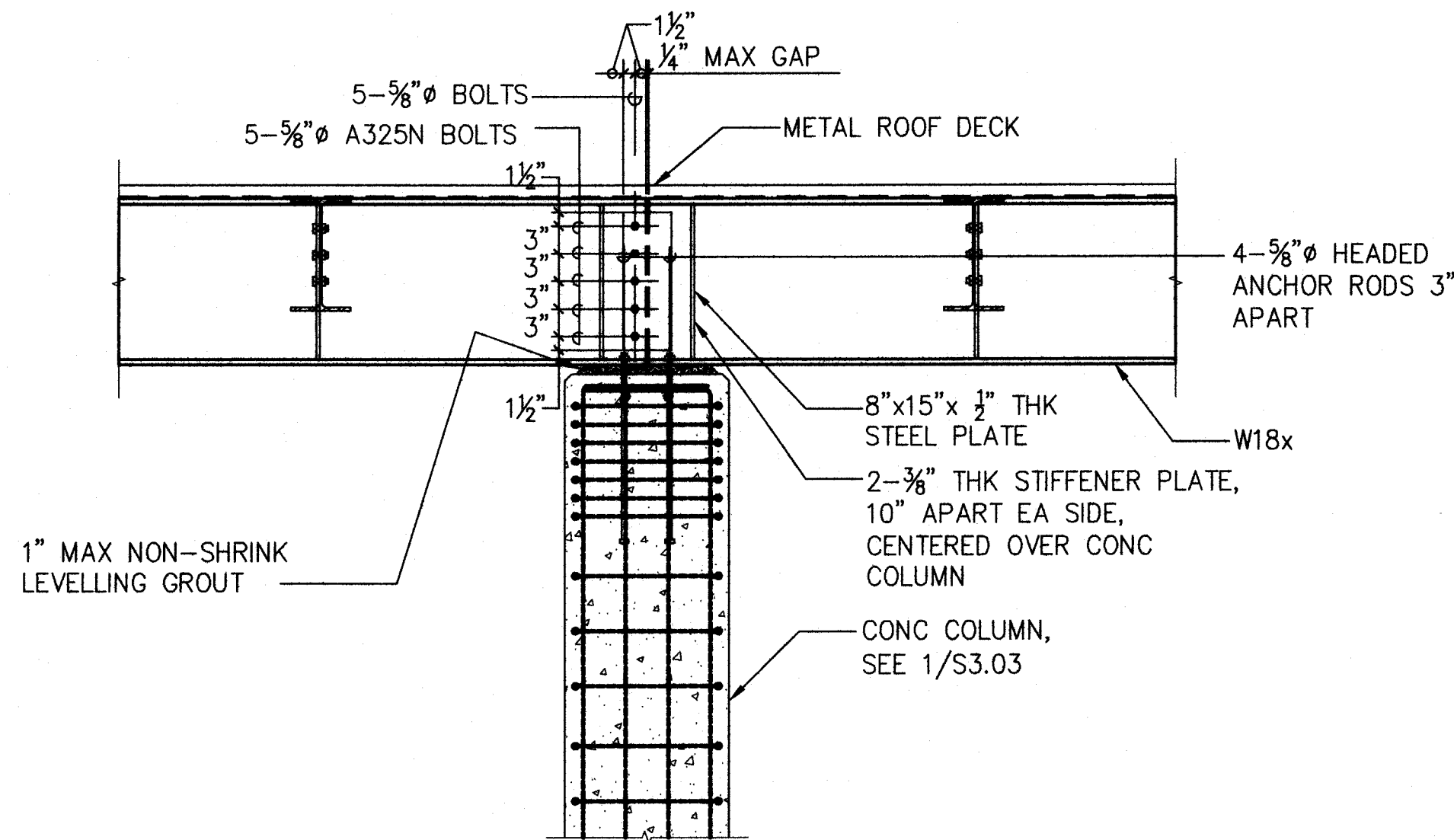
2 SECTION
S3.03 SCALE: 3/4" = 1'-0"



3 SECTION
S3.03 SCALE: 3/4" = 1'-0"

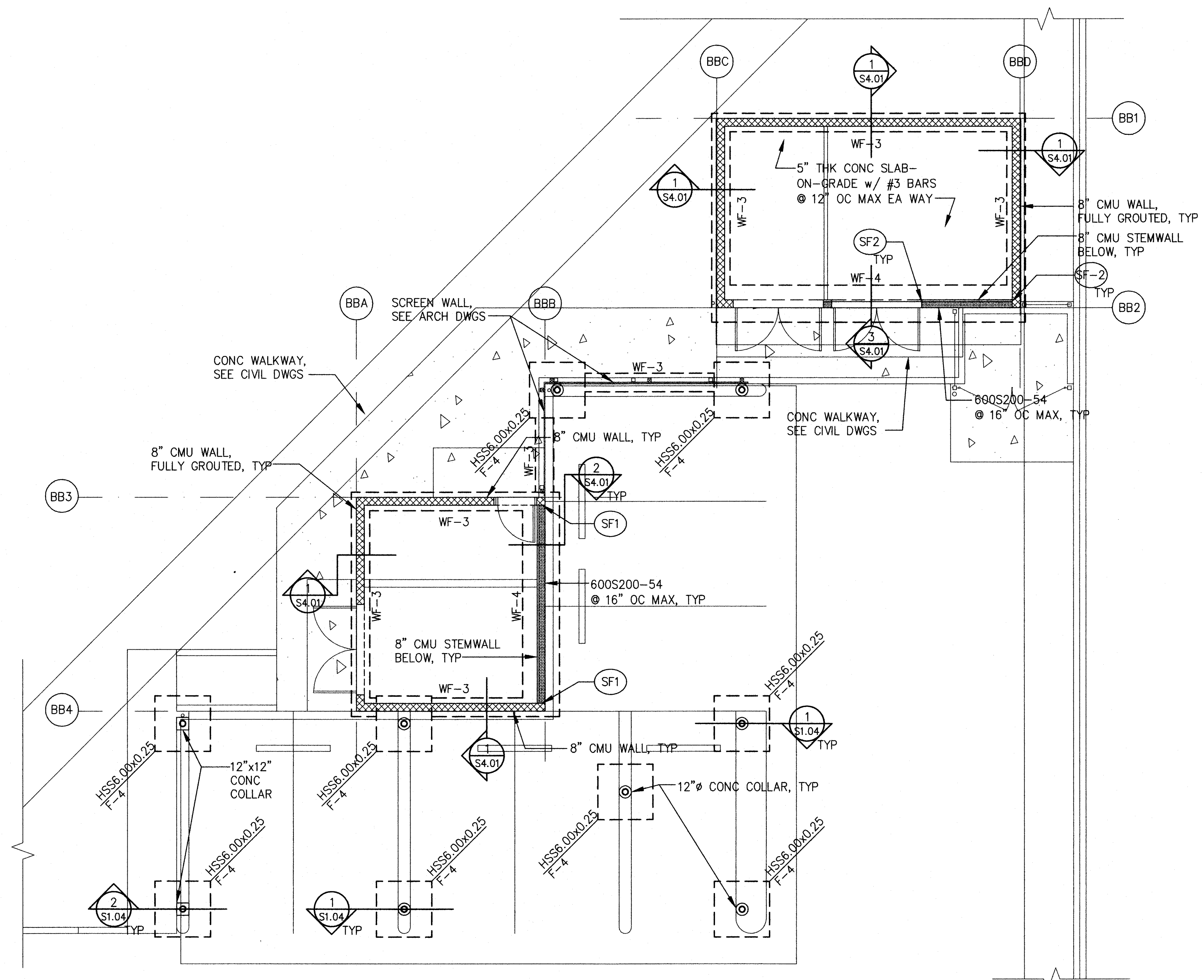


4 SECTION
S3.03 SCALE: 3/4" = 1'-0"



5 SECTION
S3.03 SCALE: 3/4" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII SECTIONS					
DESIGNED: RI		SUBMITTED: <i>RI</i>			
DRAWN: IB		DATE: 03/15/2016			
CHECKED: RI		SCALE:			
APPROVED: <i>RI</i> CHIEF ENGINEER		DATE: MAR 23 2016		DRAWING NO. S3.03	



STORAGE BUILDING FOUNDATION PLAN
SCALE: 3/16" = 1'-0"

STORAGE BUILDING FOUNDATION CONNECTOR SCHEDULE		
MARK	CONNECTOR TYPE	REMARKS
SF1	SIMPSON S/HDU4 OR APP EQ	FASTEN TO MINIMUM 2 COLD FORMED STEEL MINIMUM STUDS, OR AT ALL JAMB LOCATIONS. PROVIDE 3/8" Ø HEADED ANCHOR ROD EXTENDED TO BOTTOM OF FOOTING REINF STEEL.
SF2	SIMPSON S/HDU6 OR APP EQ	FASTEN TO MINIMUM 2 COLD FORMED STEEL MINIMUM STUDS, OR AT ALL JAMB LOCATIONS. PROVIDE 3/8" Ø HEADED ANCHOR ROD EXTENDED TO BOTTOM OF FOOTING REINF STEEL.

LEGEND:

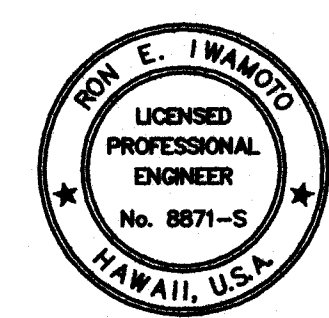
- WF-1 INDICATES WALL FOOTING TYPE. SEE FOUNDATION SECTIONS.
- W-1 INDICATES CMU WALL. SEE CMU WALL SCHEDULE 1/S7.01 ALL CMU WALLS ARE WALL TYPE W-1 UNLESS OTHERWISE NOTED.
- F-1 INDICATES COLUMN FTG TYPE. SEE FOUNDATION SECTIONS
- INDICATES DEPRESSED SLAB OR CHANGE IN SLAB ELEVATION. SEE ARCH DRAWINGS.
- INDICATES PARTIAL HEIGHT CMU WALL
- INDICATES FULL HEIGHT CMU WALL
- INDICATES FULL HEIGHT COLD-FORMED STEEL STUDWALL
- SF1 INDICATES STORAGE BUILDING FOUNDATION CONNECTOR TYPE. SEE STORAGE BUILDING FOUNDATION CONNECTOR SCHEDULE THIS SHEET.
- SW-1 INDICATES PLYWOOD SHEARWALL TYPE, SEE 2/S7.03. ALL COLD-FORMED STEEL STUDWALLS SHALL BE PLYWOOD SHEARWALL TYPE SW-1 UNLESS OTHERWISE NOTED

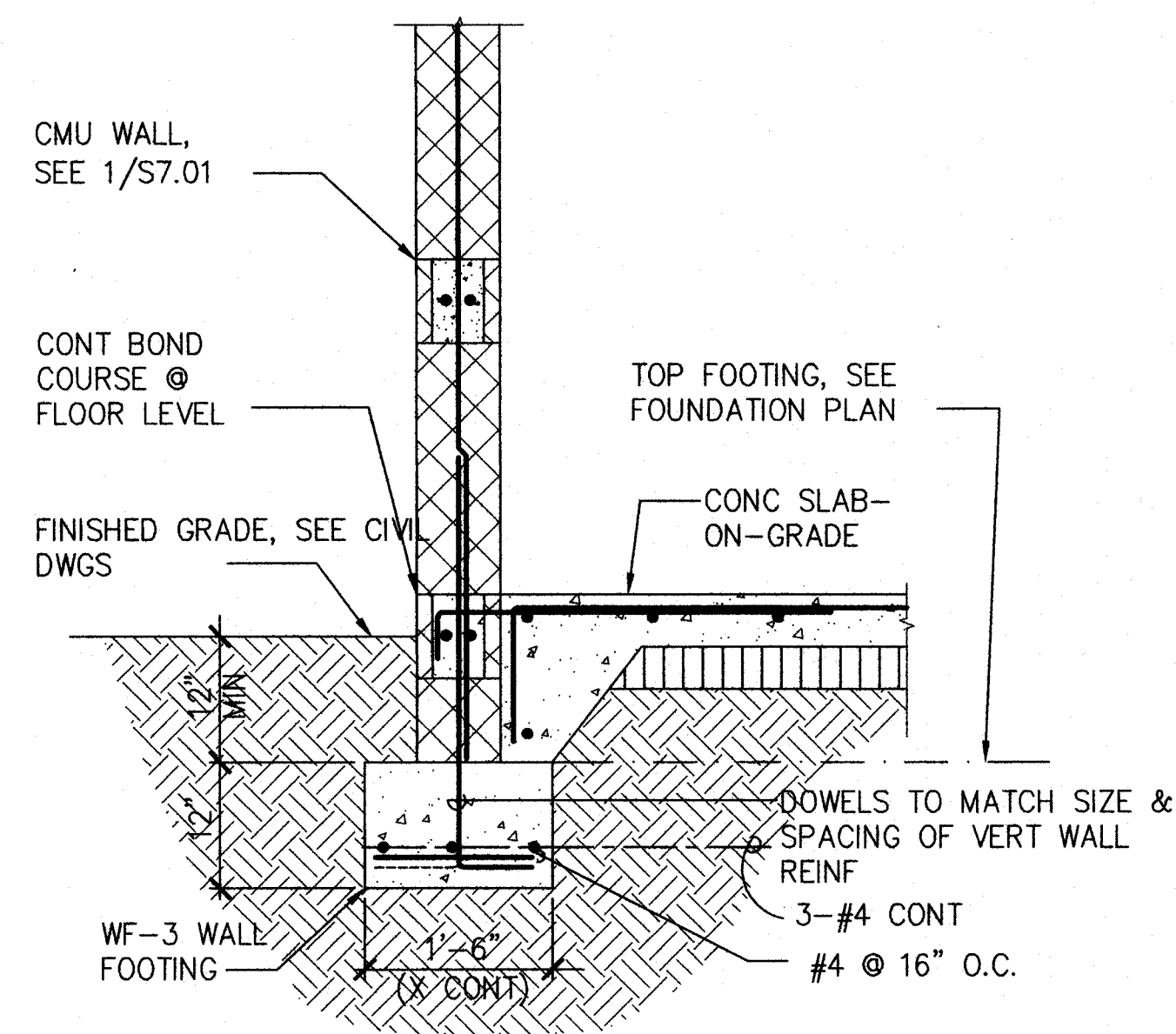
SLAB ON GRADE NOTES:

1. THICKNESSES OF SLAB-ON-GRADE SHOWN ARE MINIMUM AND SHALL BE MAINTAINED AT ALL SLOPED, RAISED, AND DEPRESSED AREAS. SEE 1/S7.00 FOR TYPICAL SLAB-ON-GRADE DETAILS.
2. FOR FLOOR ELEVATIONS, DEPRESSED SLAB LOCATIONS & SLOPES TO DRAIN, SEE ARCHITECTURAL DRAWINGS.
3. SLAB SHALL BE POURED WITH A MINIMUM SEVEN (7) DAYS LAPSE TIME BETWEEN ADJACENT POURS.

FOUNDATION NOTES:

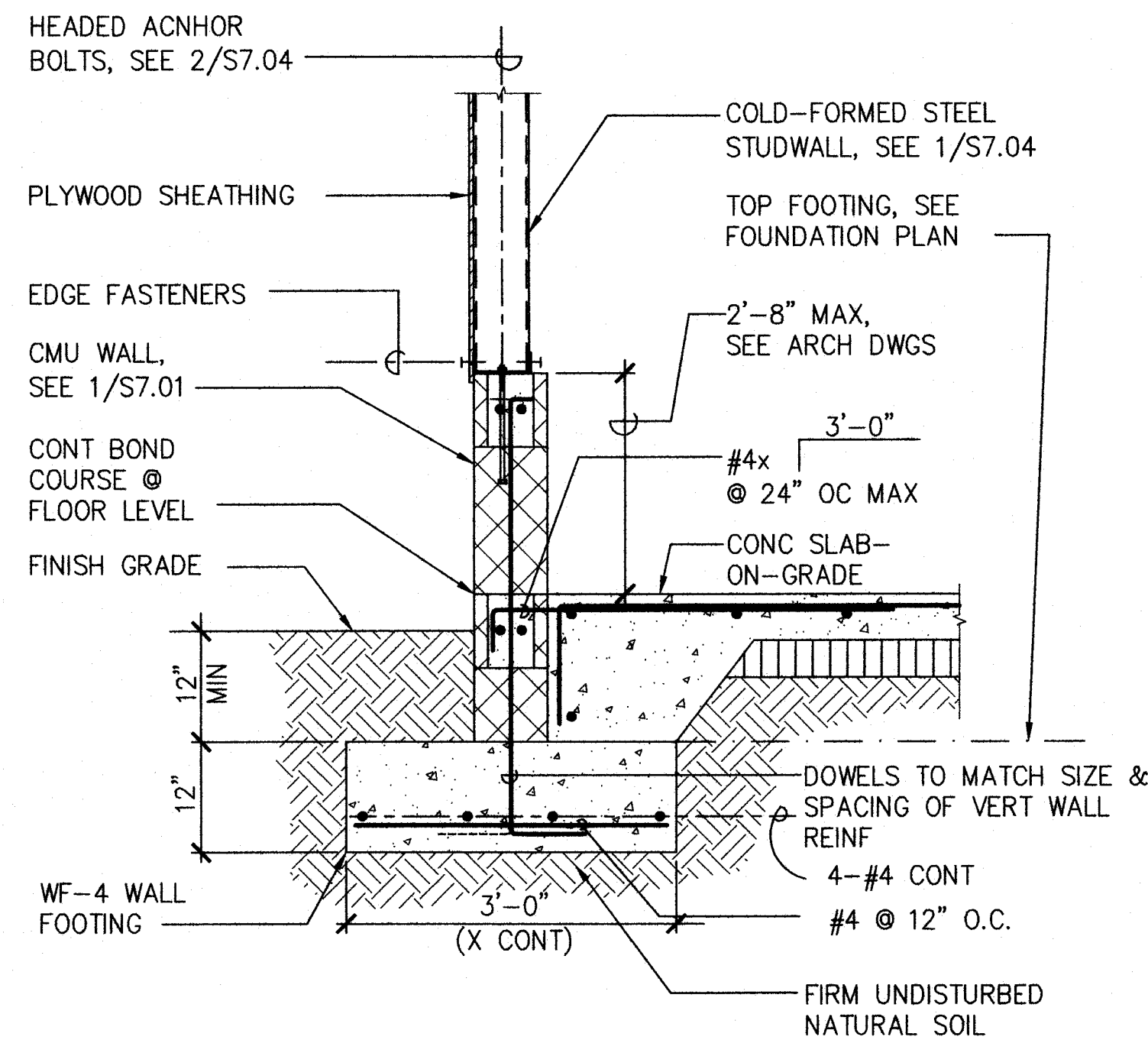
1. REFERENCE ELEVATION (0.00) = FINISH FLOOR ELEVATION.
2. TYPICAL MINIMUM BUILDING TOP OF FOOTING ELEVATION SHALL BE (-2.00) UNLESS OTHERWISE INDICATED. MINIMUM TOP OF FOOTING ELEVATIONS MAY BE REQUIRED TO BE ADJUSTED AS REQUIRED TO PROVIDE MINIMUM FOOTING EMBEDMENT BELOW FINISHED GRADES AS INDICATED ON CIVIL DRAWINGS. FOOTINGS SHALL BE LOWERED AND STEPPED AS REQUIRED TO PROVIDE MINIMUM FOOTING EMBEDMENT. SEE 4/S7.00, TYP, FOR STEPPED FOOTING DETAIL.
3. THICKNESS OF FOOTINGS, SHOWN AS MINIMUM ON FOUNDATION SECTIONS, SHALL BE MAINTAINED AT ALL SLOPED AND DEPRESSED AREAS. SEE 4/S7.00 FOR STEPPED FOOTING DETAIL.
4. TOP OF FOOTING SHALL BE MIN 1'-0" BELOW THE LOWER OF THE REFERRED ELEVATION OR LOWEST ADJACENT FINISHED GRADE, U.O.N.
5. FOR DIMENSIONS NOT SHOWN SEE THE ARCHITECTURAL & CIVIL DRAWINGS.

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII STORAGE BUILDING FOUNDATION PLAN					
DESIGNED:	RI	SUBMITTED:	[Signature]		
DRAWN:	IB	DATE:	03/15/2016		
CHECKED:	RI	SCALE:			
 4/30/16 EXP. DATE		APPROVED: [Signature] CHIEF ENGINEER		MAR 23 2016 DATE	
<small>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.</small>				DRAWING NO. S4.00	



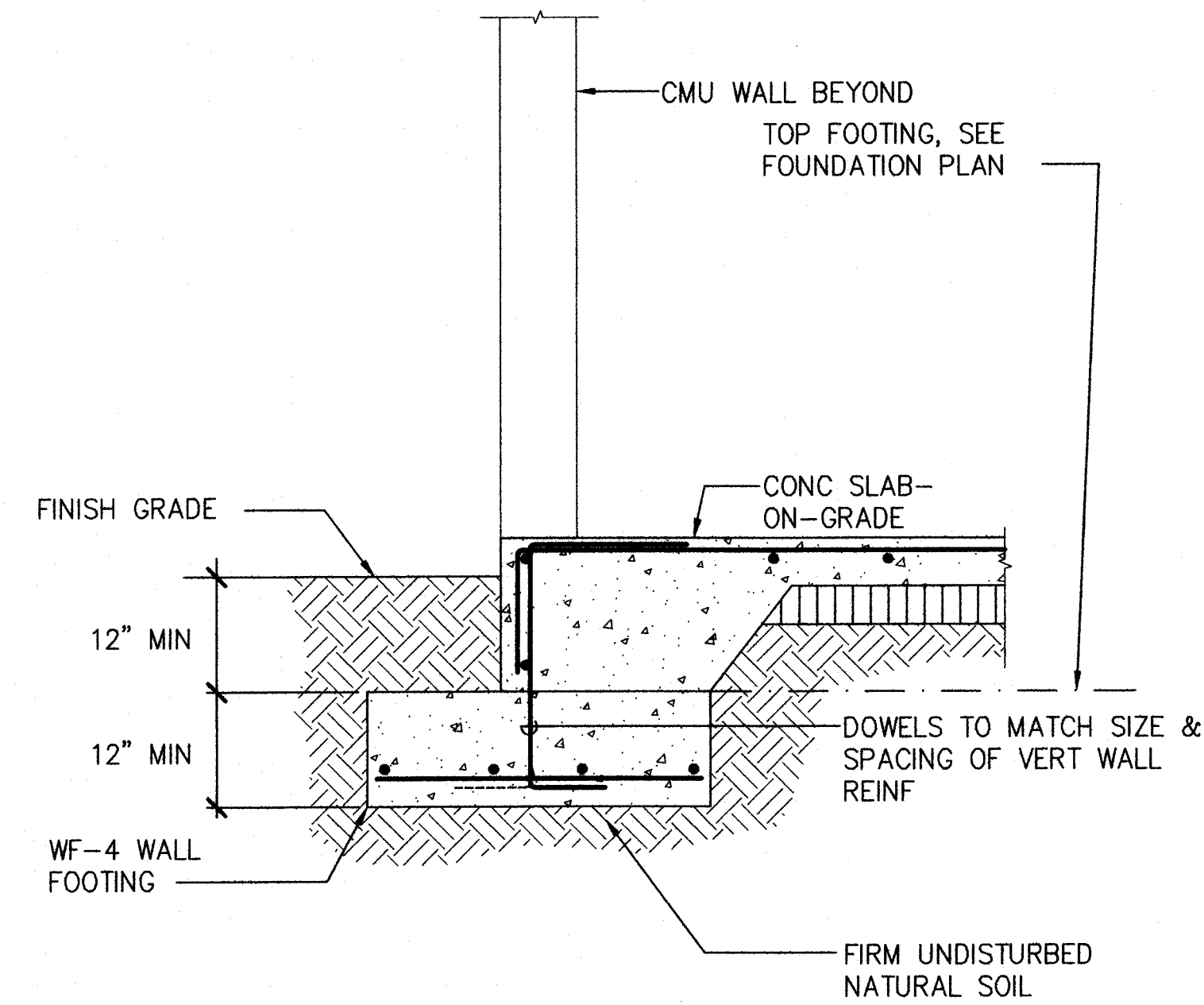
1 SECTION
S4.01

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



2 SECTION
S4.01

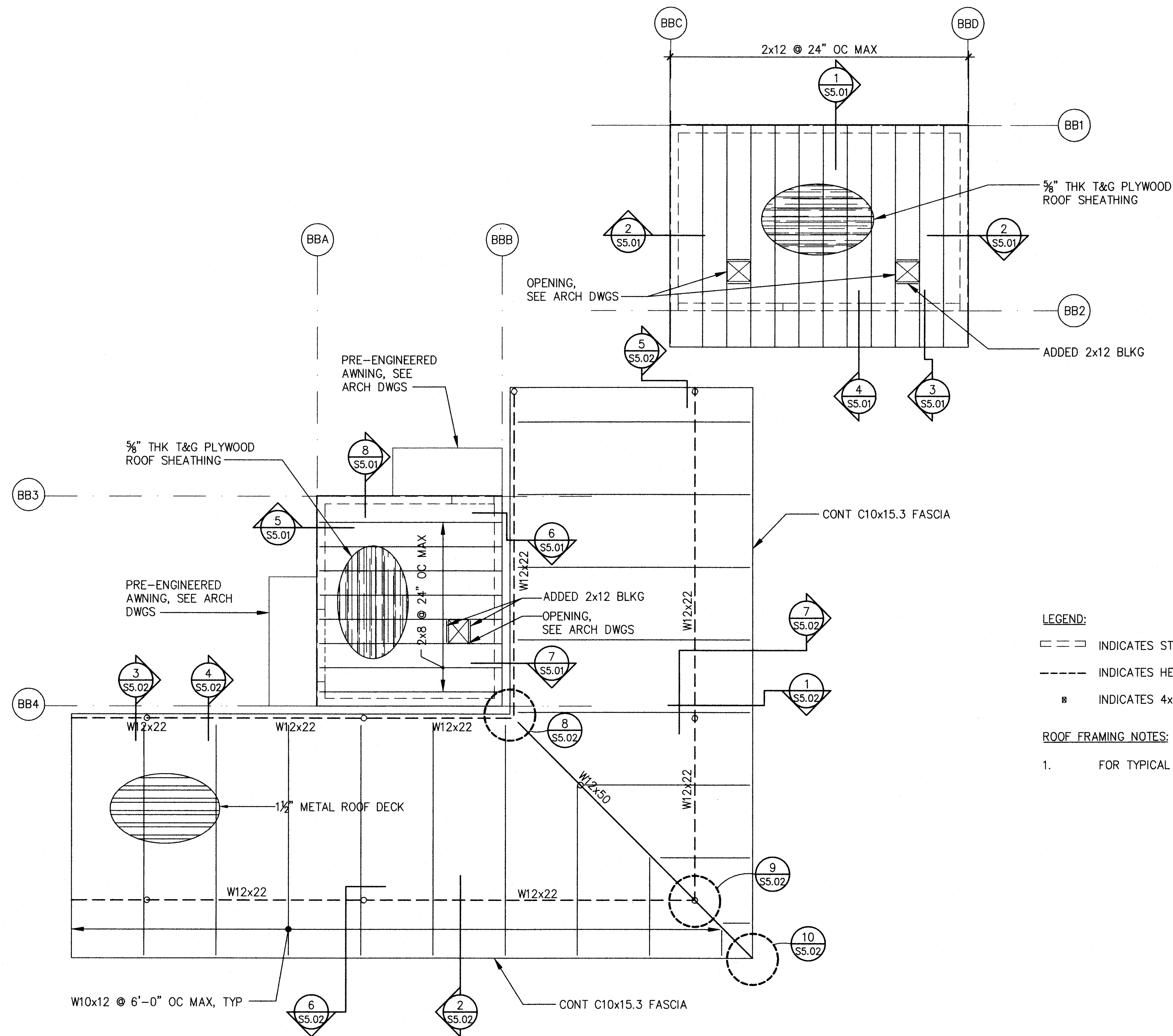
SCALE: 3/4" = 1'-0"



3 SECTION
S4.01

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

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII					
SECTIONS					
DESIGNED: RI		SUBMITTED: <i>gc</i>			
DRAWN: IB		DATE: 03/15/2016			
CHECKED: RI		SCALE:			
APPROVED: <i>[Signature]</i> CHIEF ENGINEER		MAR 23 2016 DATE		DRAWING NO. S4.01	



LEGEND:

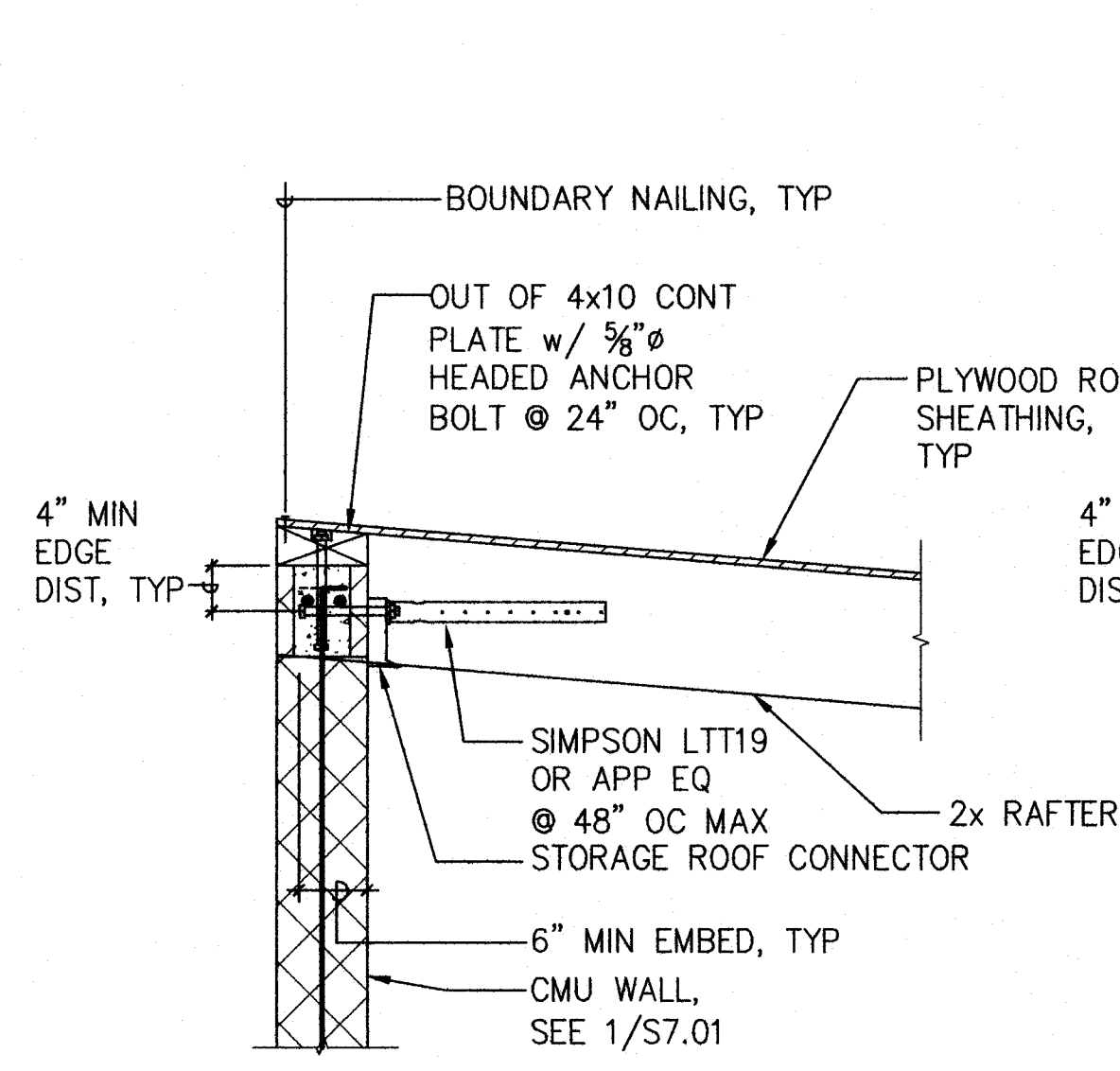
- ▭ = INDICATES STRUCTURAL WALL BELOW.
- = INDICATES HEADER OR BEAM BELOW.
- = INDICATES 4x POST BELOW.

ROOF FRAMING NOTES:

- FOR TYPICAL WOOD ROOF FRAMING OPENING, SEE 6/S7.05

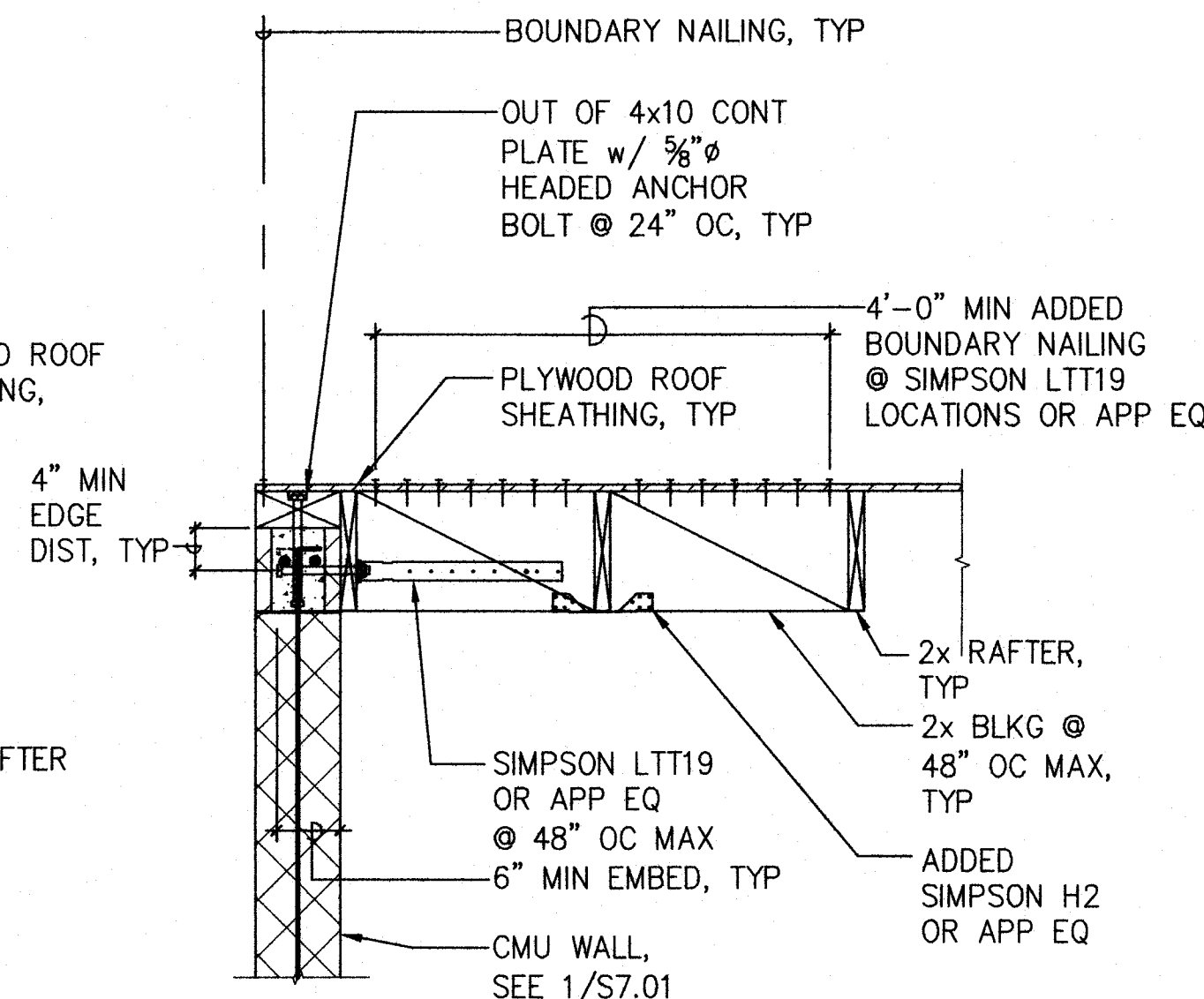
STORAGE BUILDING ROOF FRAMING PLAN
SCALE: 3/16" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII STORAGE BUILDING ROOF FRAMING PLAN					
		DESIGNED: RI	SUBMITTED: 9/2		DRAWING NO. \$5.00
4/30/16 EXP. DATE		DRAWN: IB	DATE: 03/15/2016		
		CHECKED: RI	SCALE:		
APPROVED 		THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.			DATE: MAR 23 2016



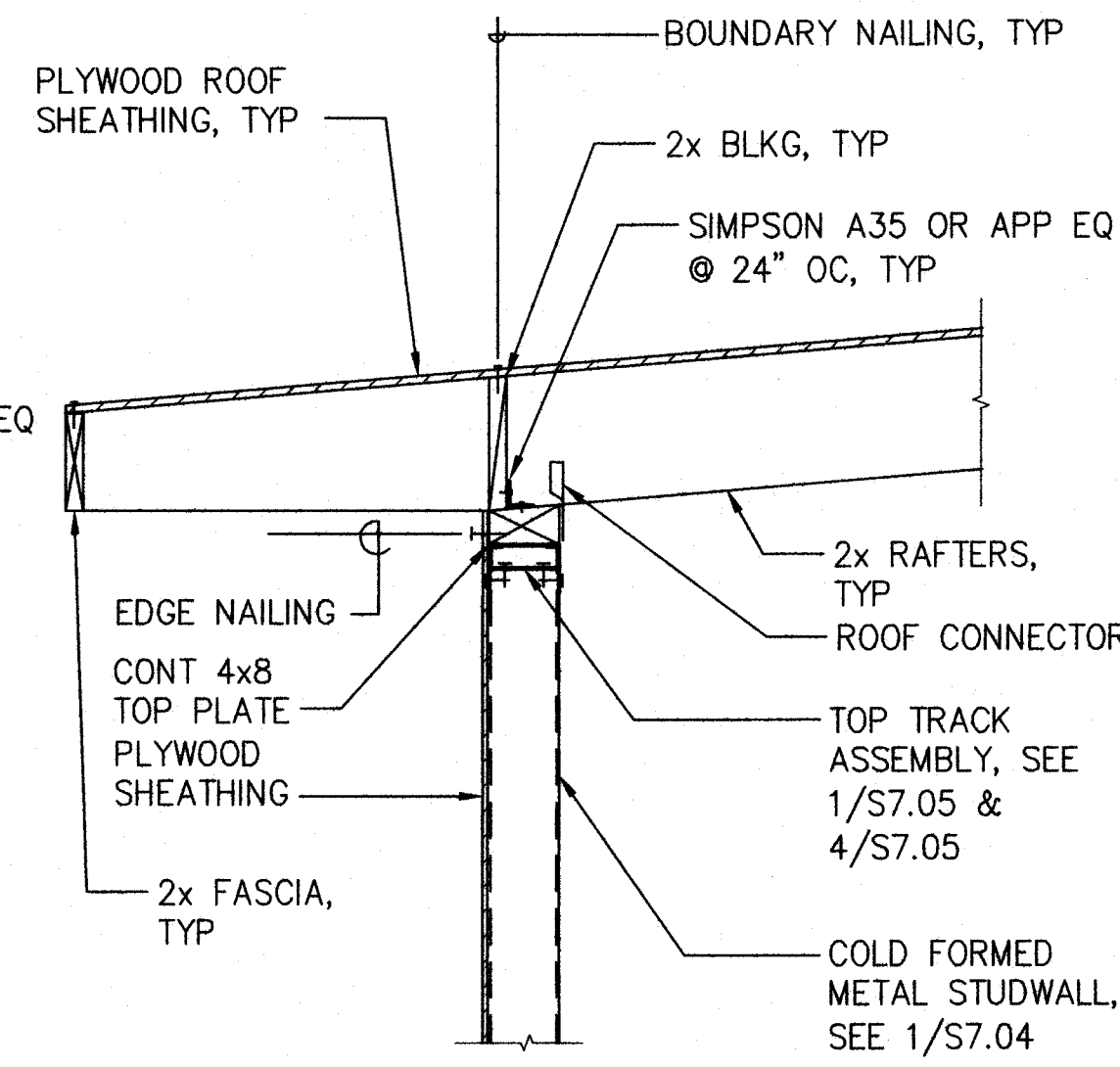
1 SECTION
S5.01

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



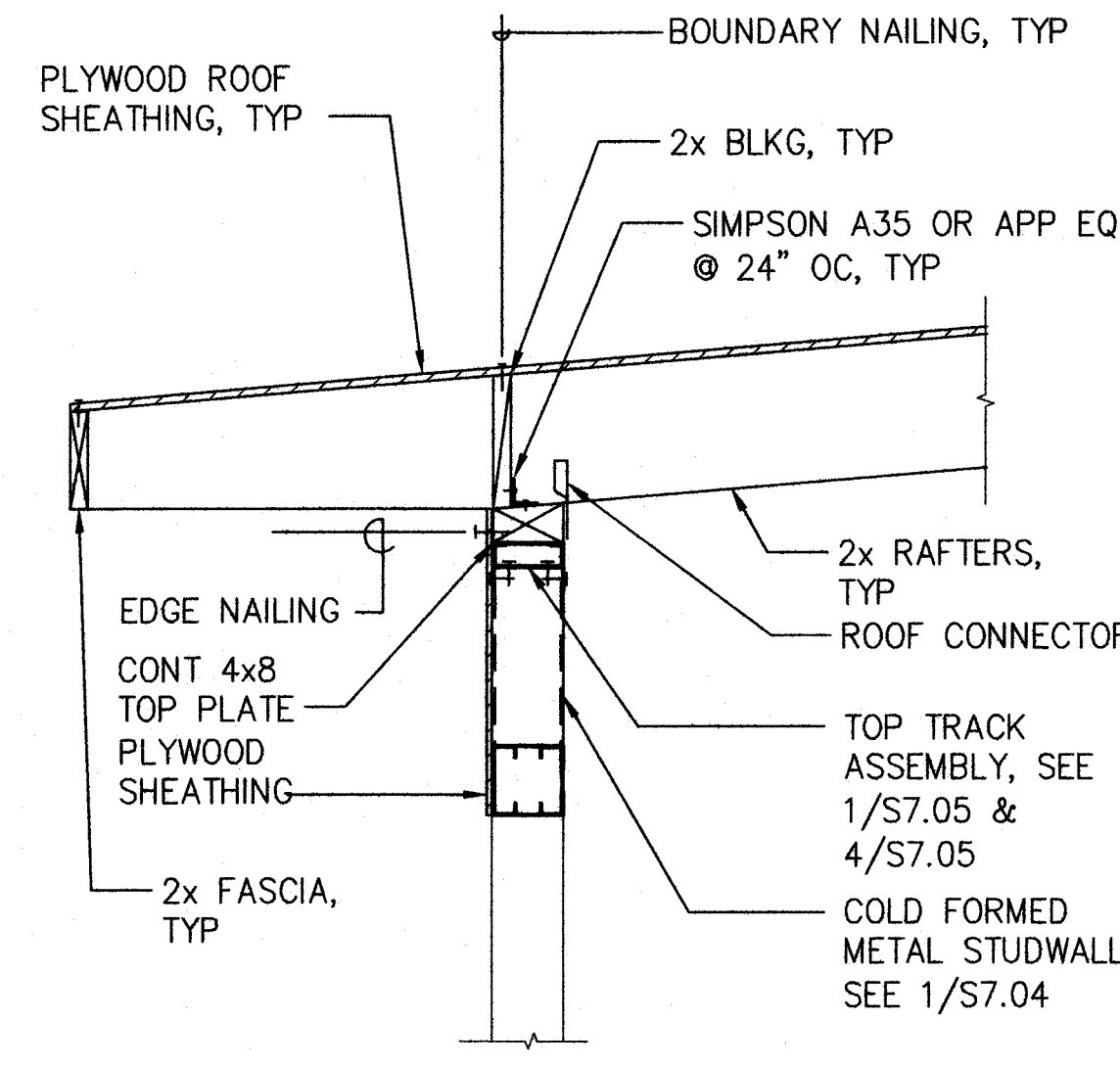
2 SECTION
S5.01

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



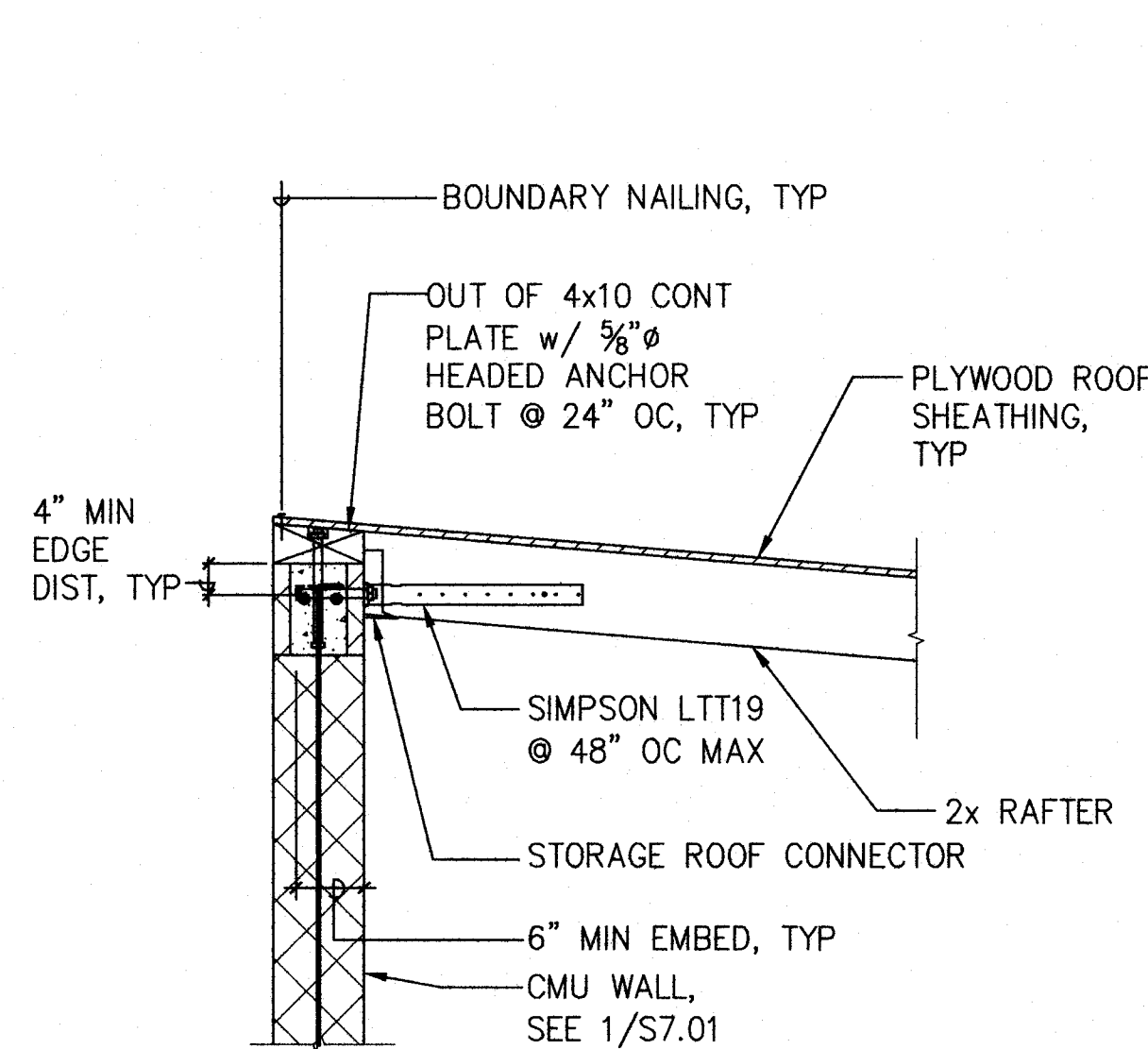
3 SECTION
S5.01

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



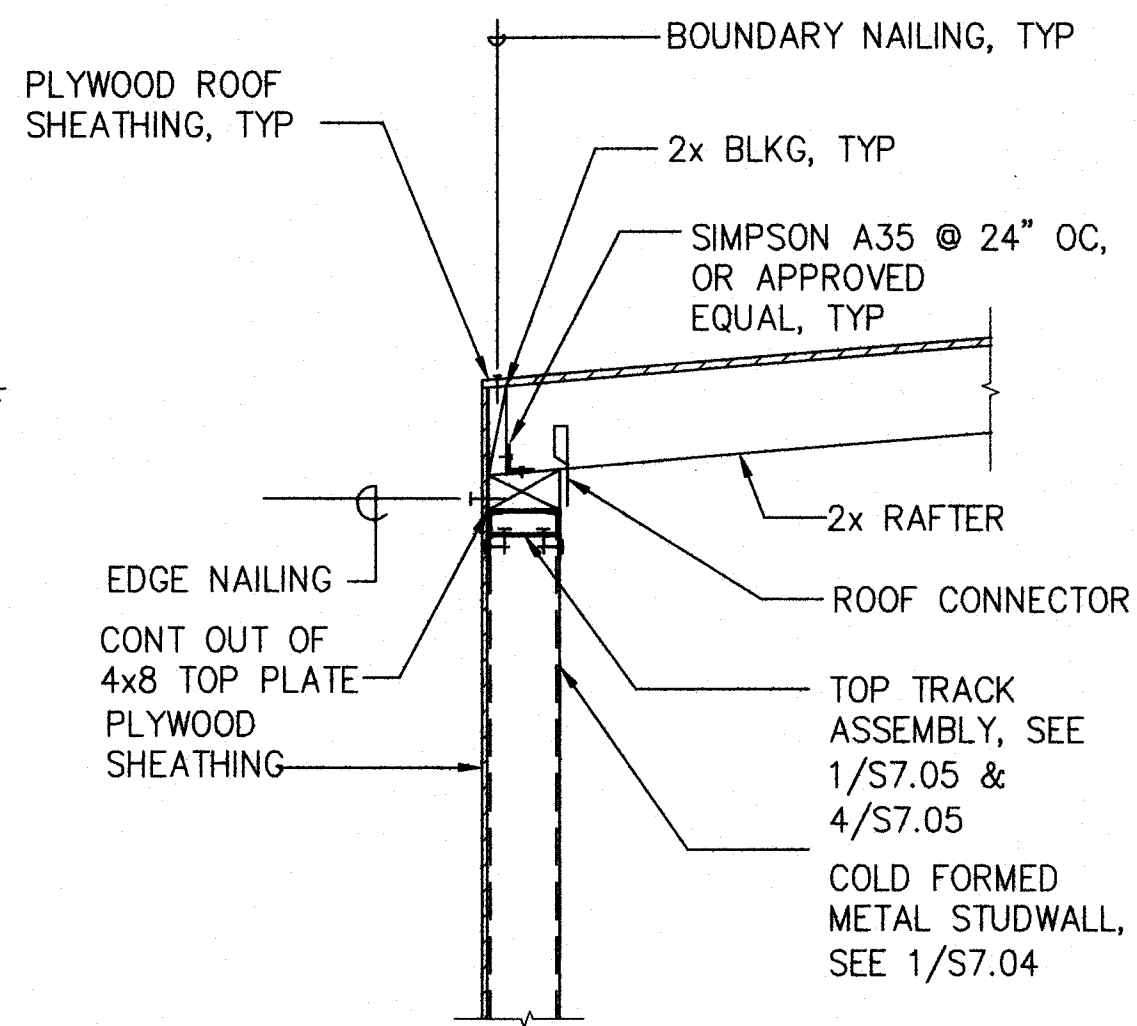
4 SECTION
S5.01

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



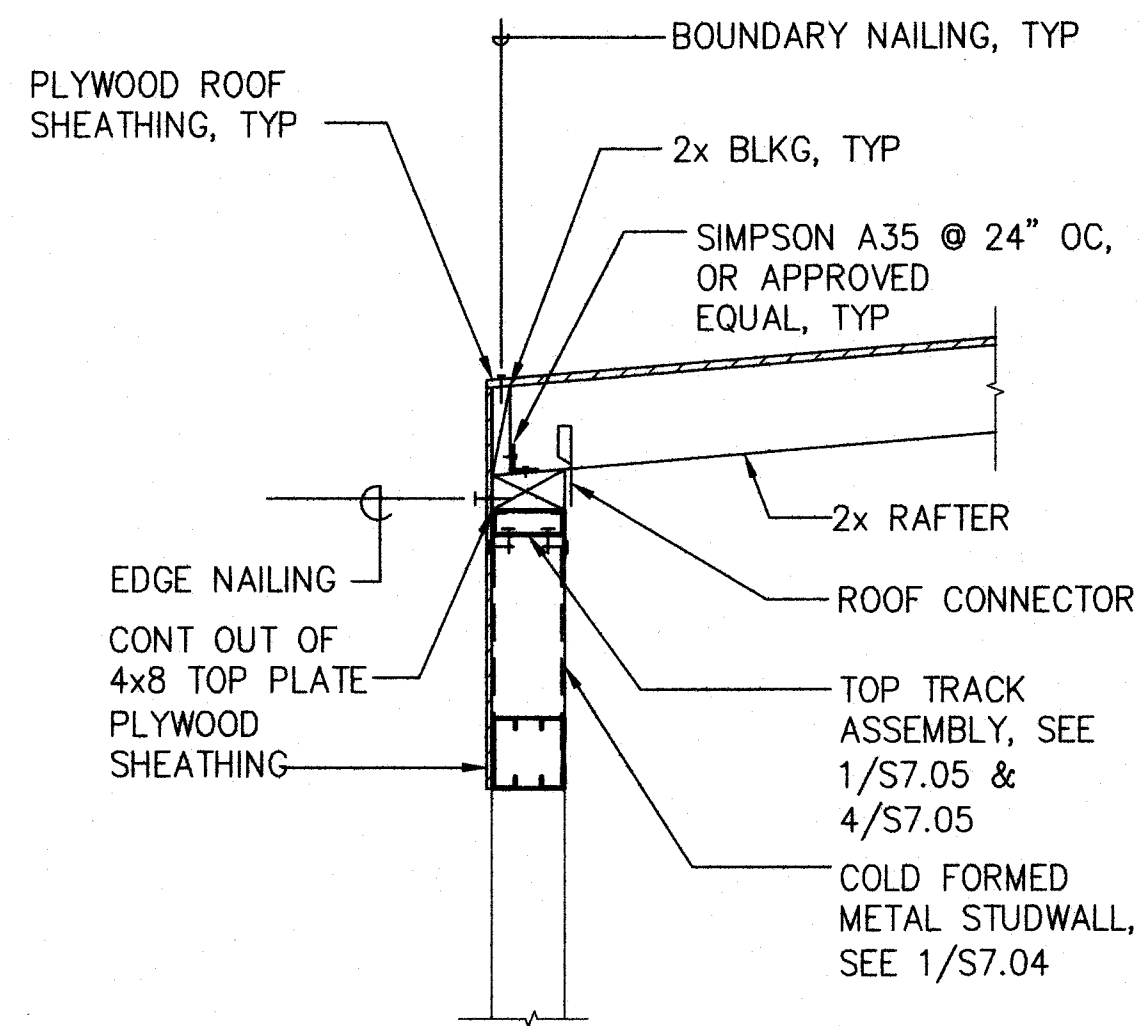
5 SECTION
S5.01

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



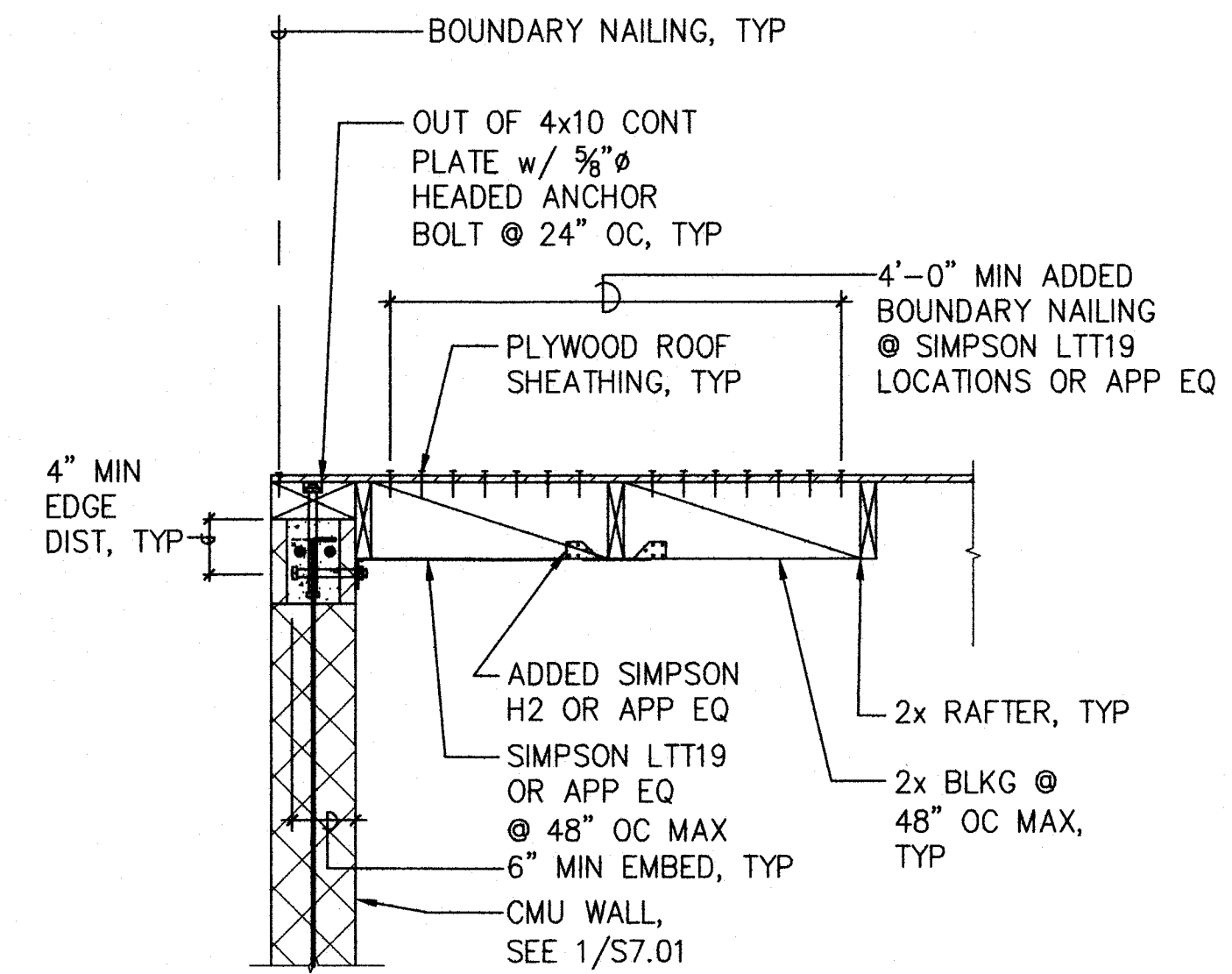
6 SECTION
S5.01

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



7 SECTION
S5.01

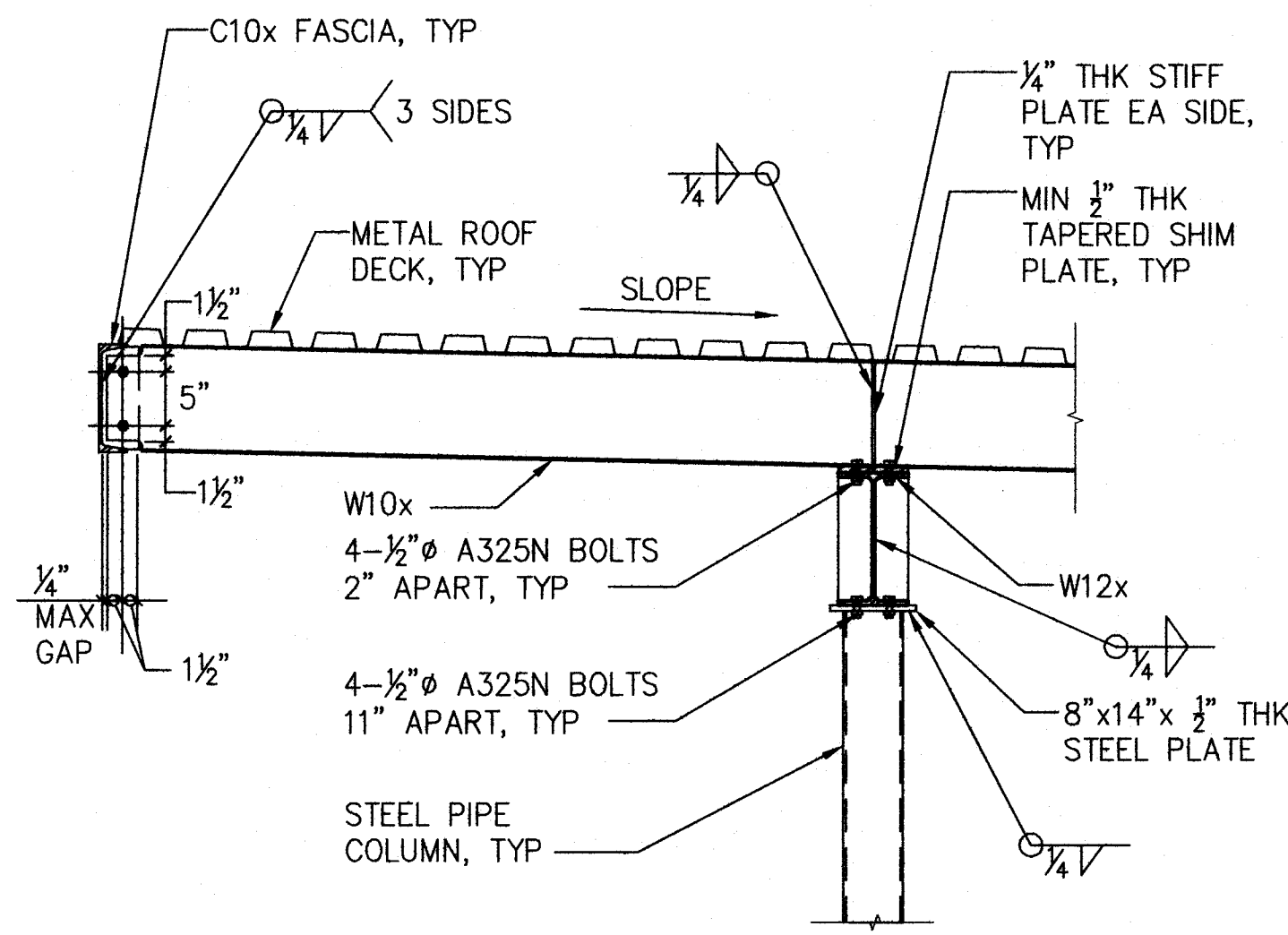
SCALE: 3/4" = 1'-0"



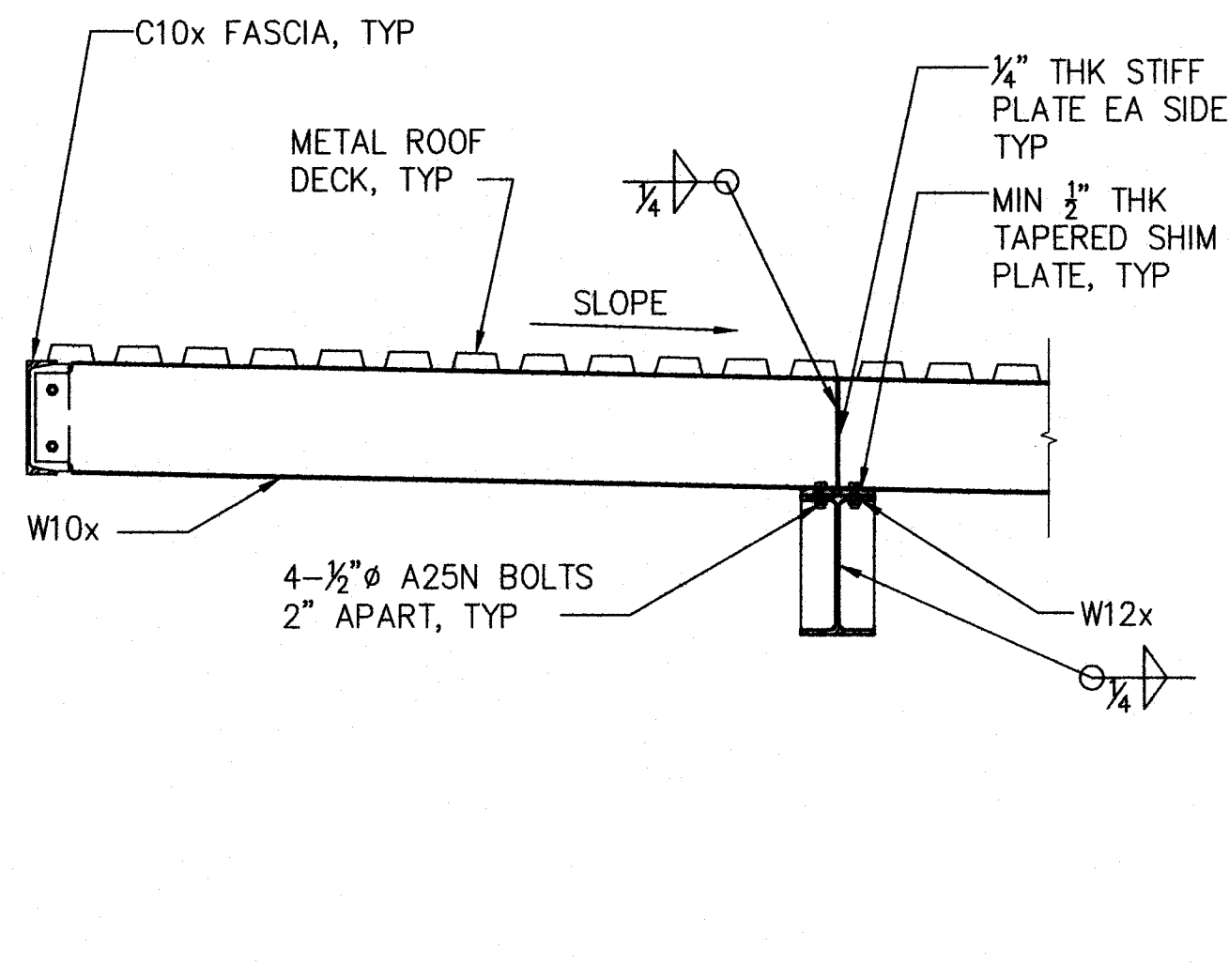
8 SECTION
S5.01

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

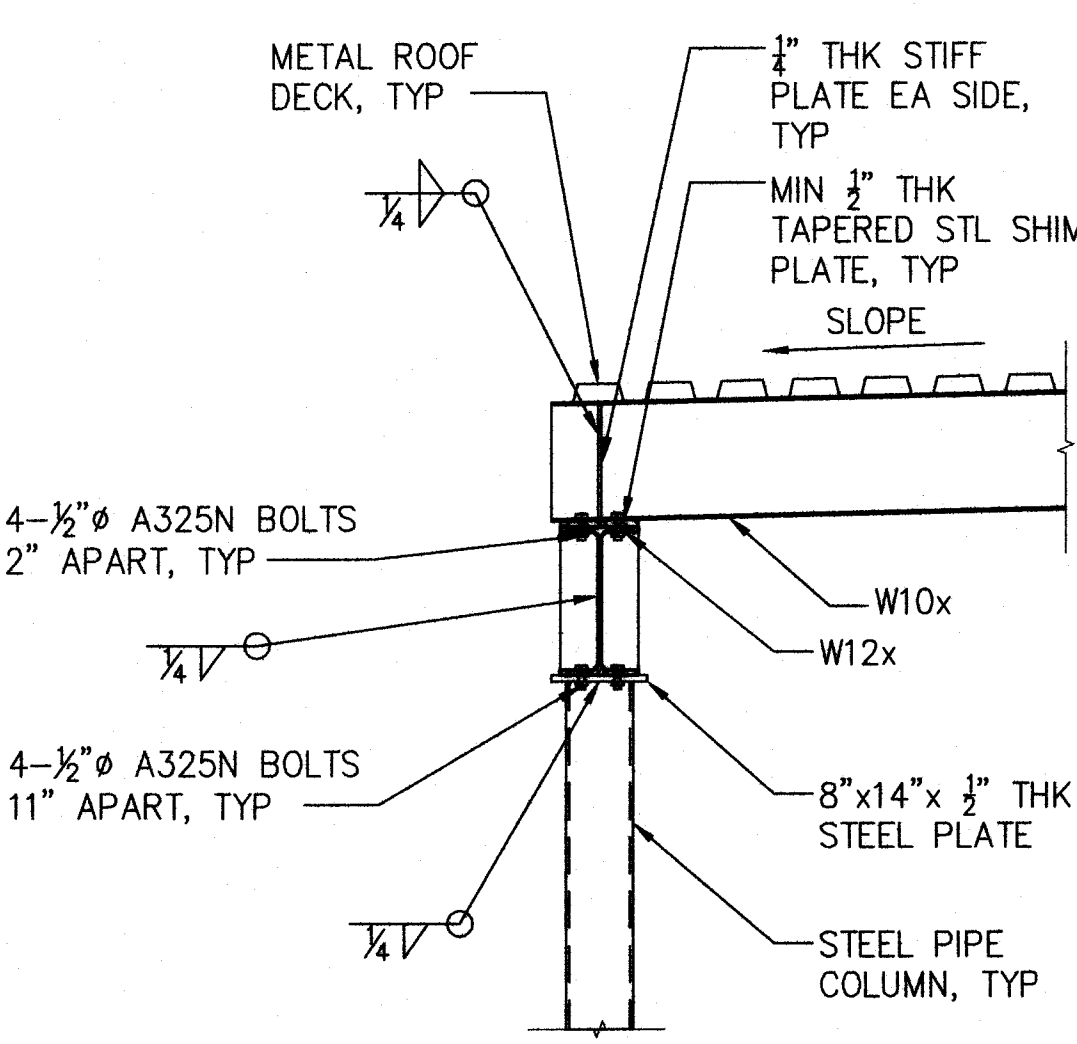
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII					
SECTIONS					
DESIGNED:	RI	SUBMITTED:	4	03/15/2016	
DRAWN:	IB	DATE:			
CHECKED:	RI	SCALE:			
APPROVED:					DRAWING NO.
				EXP. DATE: 4/30/16 CHIEF ENGINEER	
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.				DATE: MAR 23 2016 S5.01	



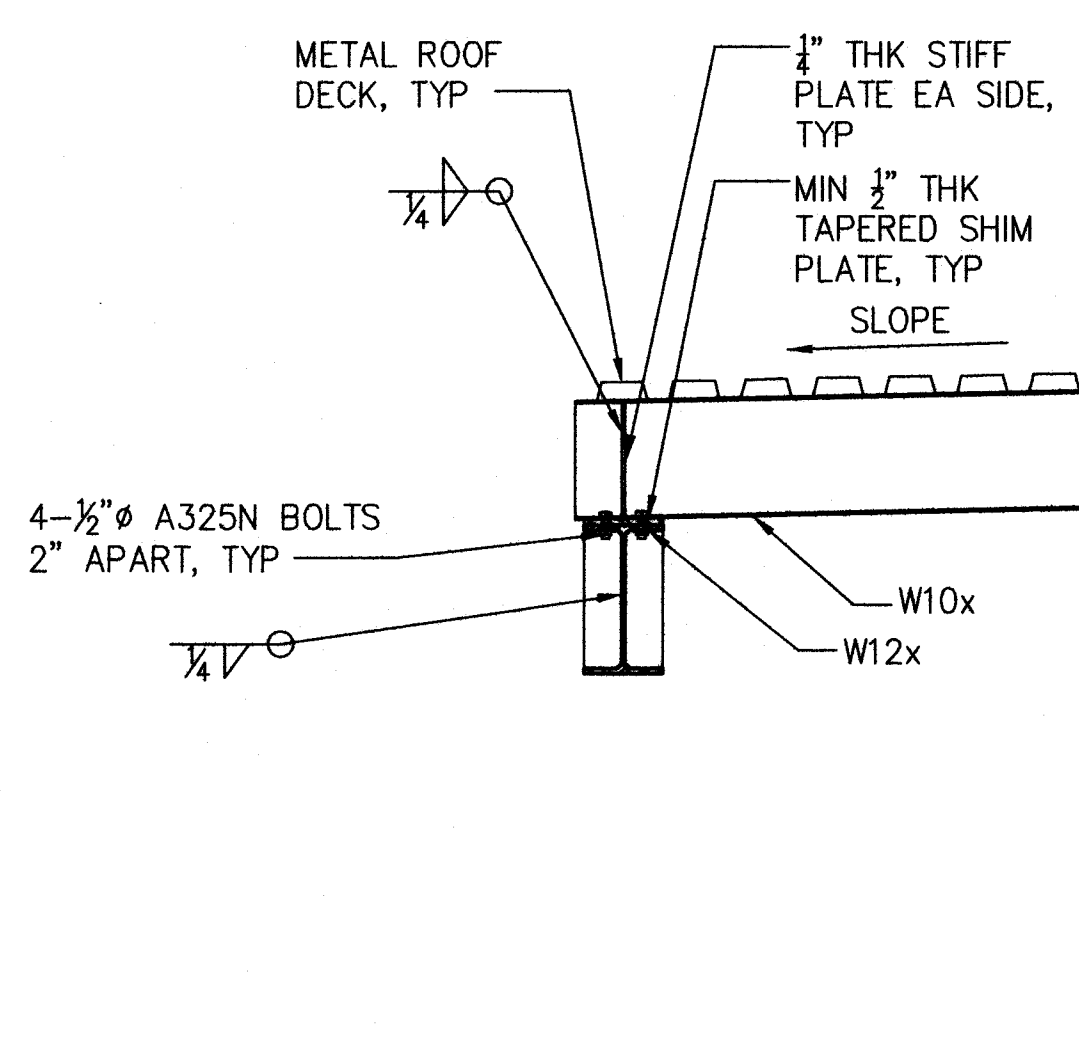
1 SECTION
 S5.02 SCALE: 3/4" = 1'-0"



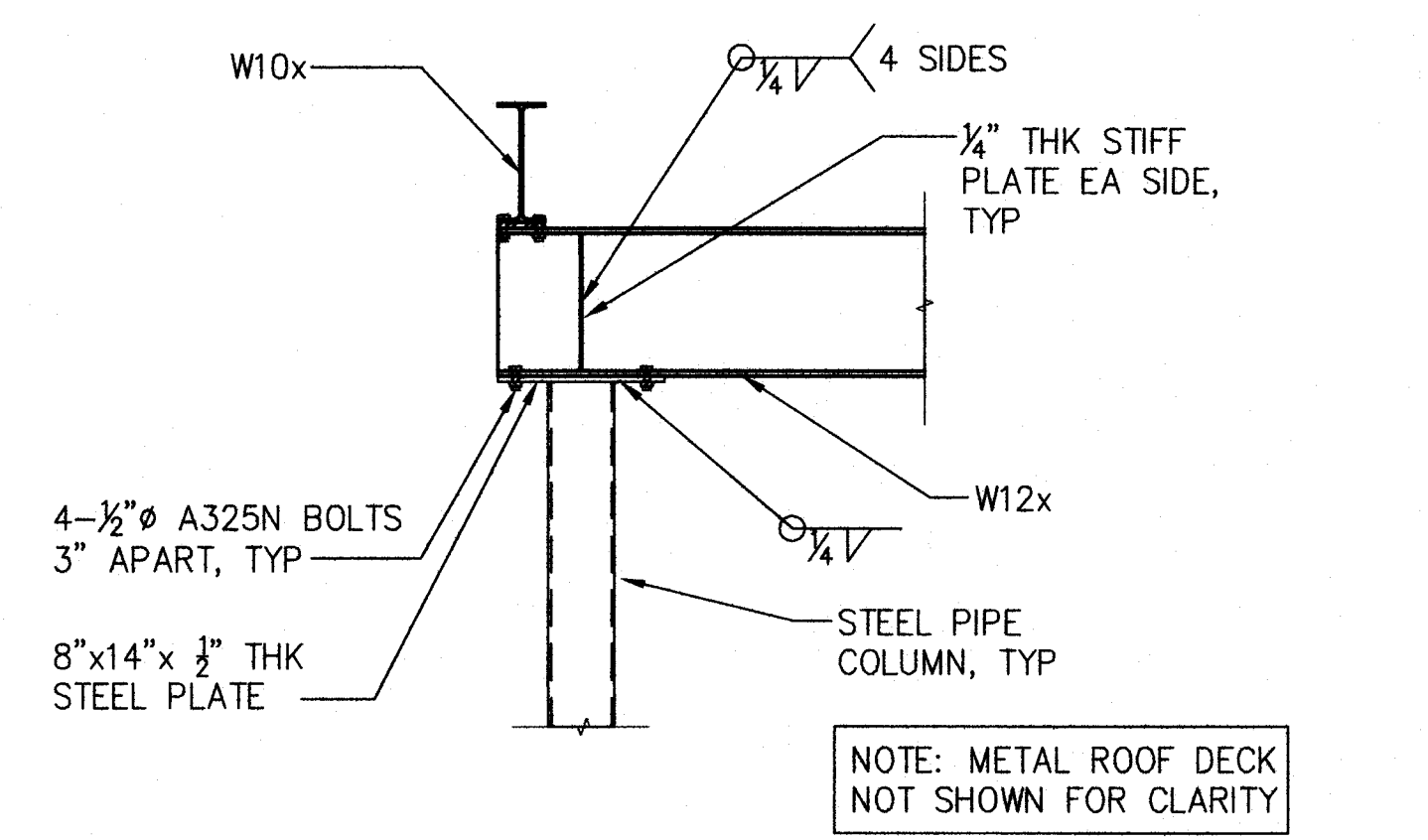
2 SECTION
 S5.02 SCALE: 3/4" = 1'-0"



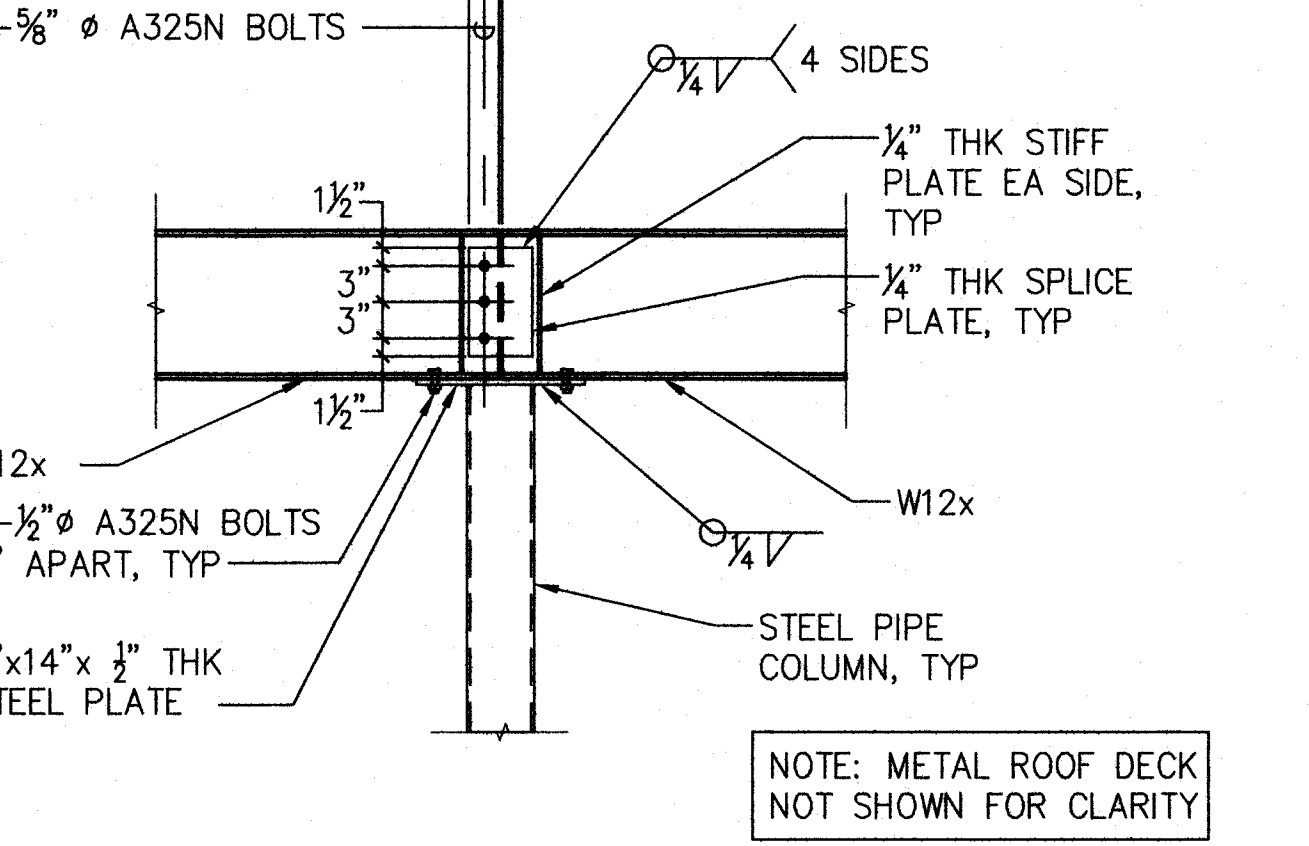
3 SECTION
 S5.02 SCALE: 3/4" = 1'-0"



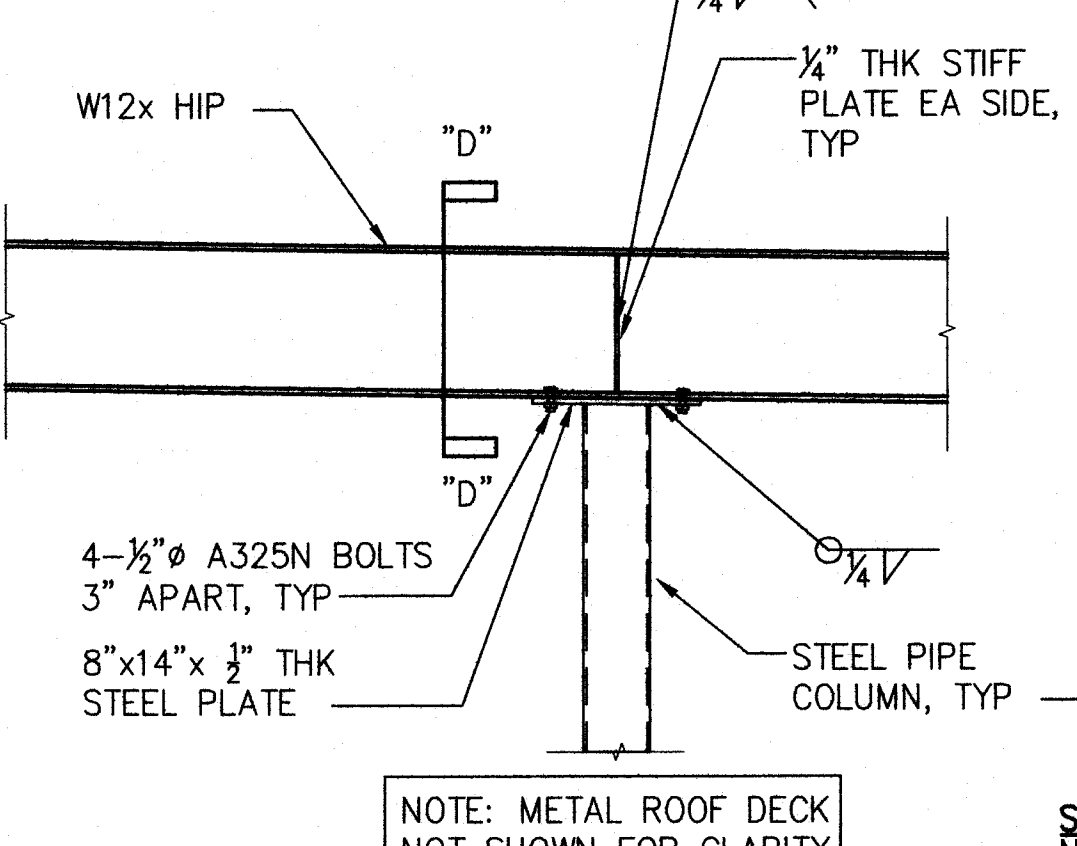
4 SECTION
 S5.02 SCALE: 3/4" = 1'-0"



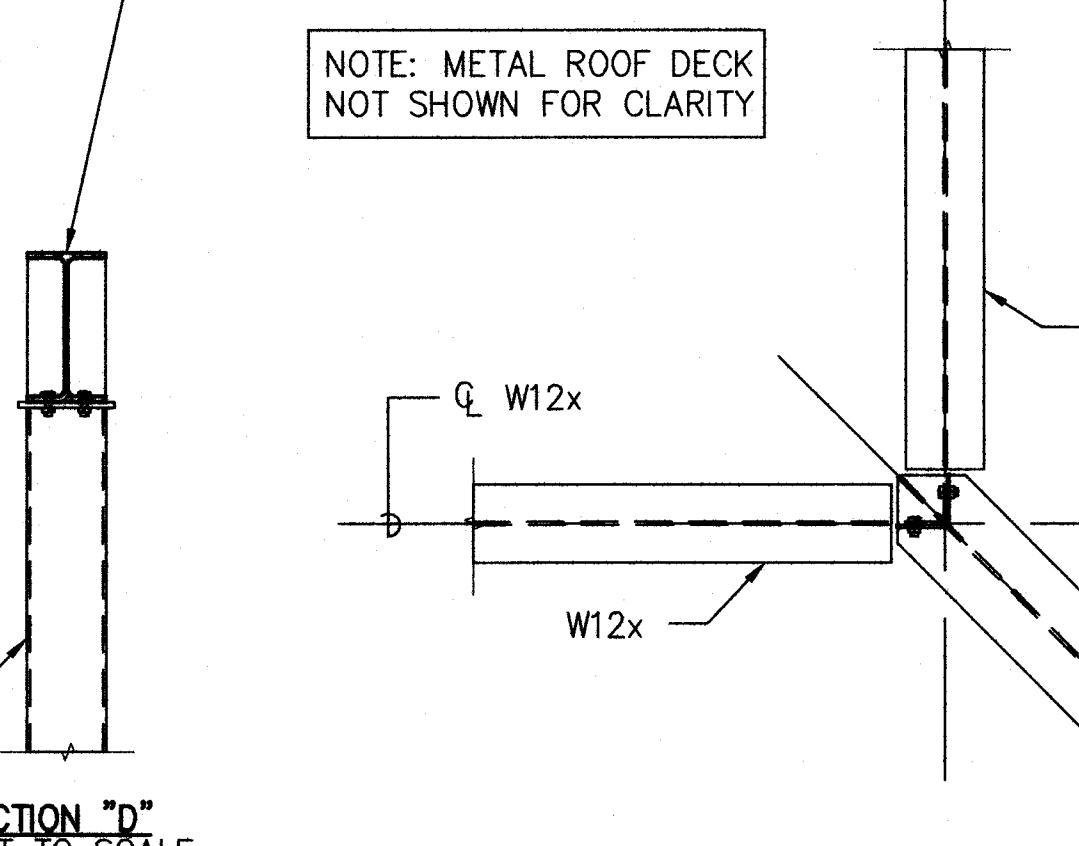
5 SECTION
 S5.02 SCALE: 3/4" = 1'-0"



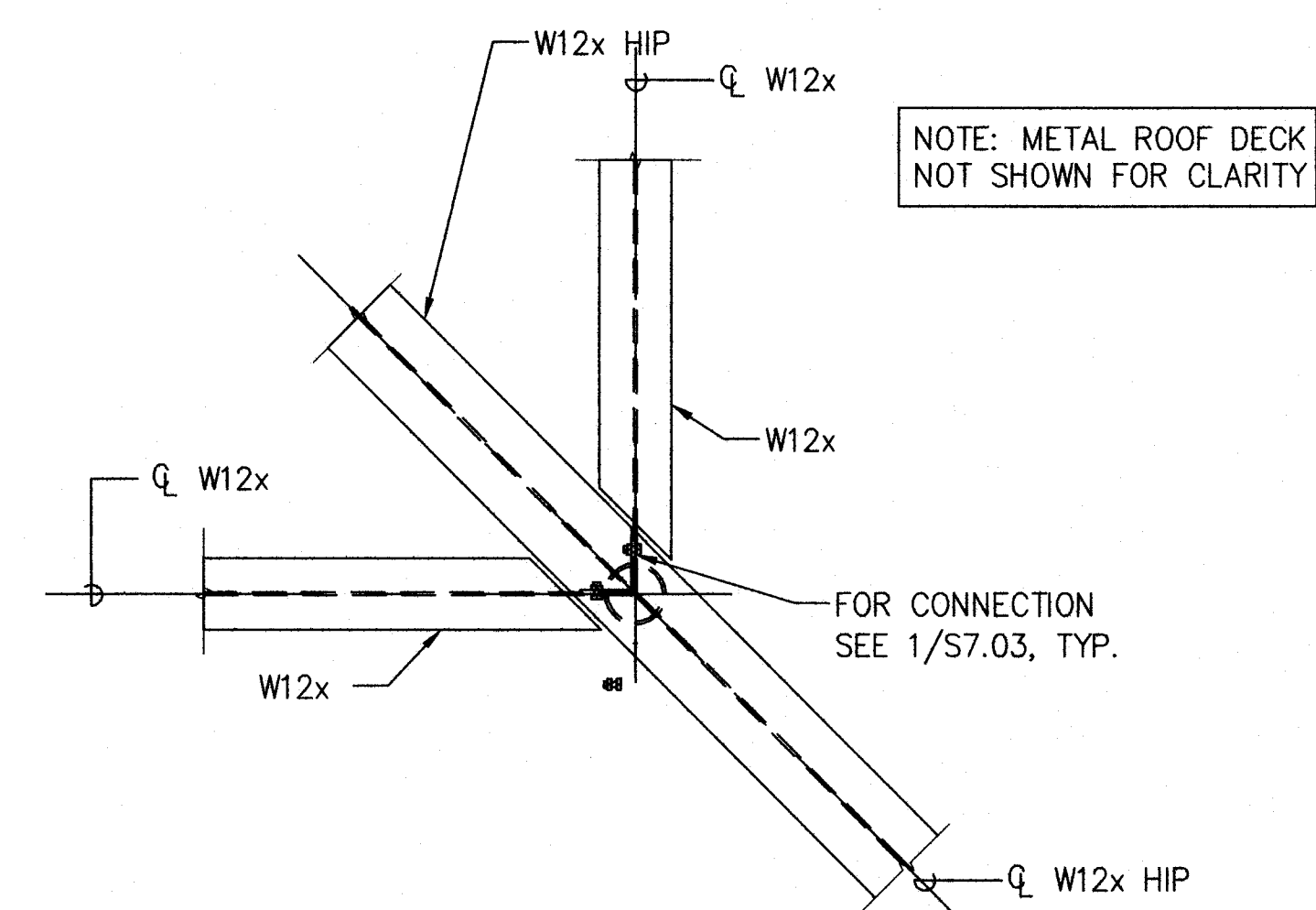
6 SECTION
 S5.02 SCALE: 3/4" = 1'-0"



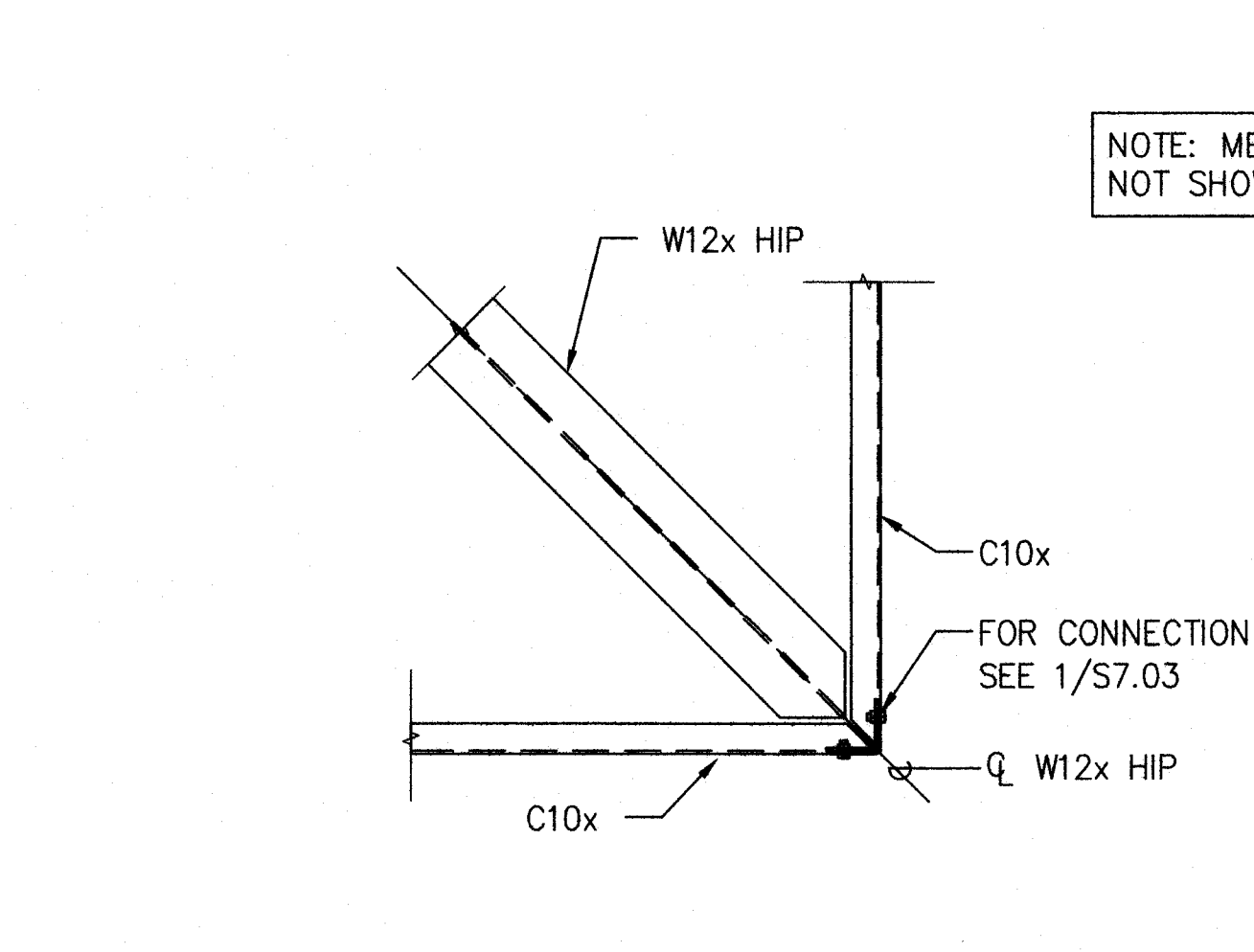
7 SECTION
 S5.02 SCALE: 3/4" = 1'-0"



8 DETAIL
 S5.02 SCALE: 3/4" = 1'-0"

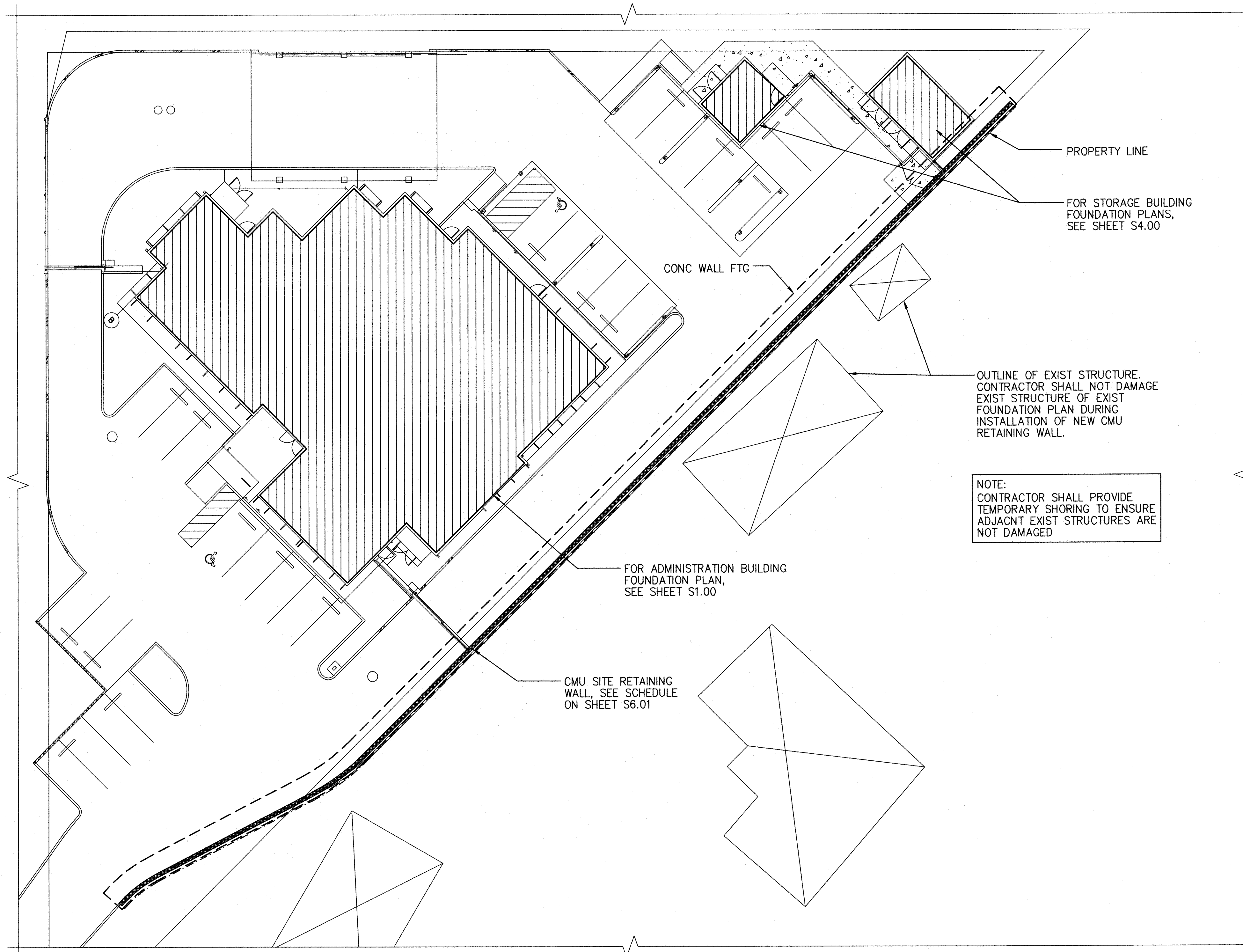


9 DETAIL
 S5.02 SCALE: 3/4" = 1'-0"



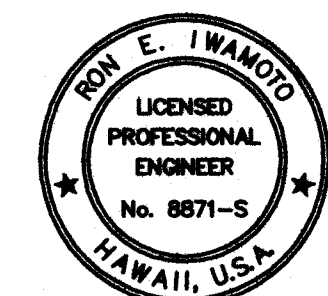
10 DETAIL
 S5.02 SCALE: 3/4" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII SECTIONS & DETAILS					
DESIGNED: RI		SUBMITTED: <i>RI</i>			
DRAWN: IB		DATE: 03/15/2016			
CHECKED: RI		SCALE:			
APPROVED: <i>Ron E. Iwamoto</i>		MAR 23 2016		DRAWING NO. S5.02	
CHIEF ENGINEER		DATE			



LEGEND:
 ——— INDICATES CMU RETAINING WALL, SEE SCHEDULE ON SHEET S6.01
 - - - INDICATES PROPERTY LINE. SEE CIVIL DWGS

CMU SITE RETAINING WALL FOUNDATION PLAN
 SCALE: 1/16" = 1'-0"

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION					
MAUI OFFICE ANNEX WAILUKU, MAUI, HAWAII					
CMU SITE RETAINING WALL FOUNDATION PLAN					
DESIGNED: RI		SUBMITTED: <i>GC</i>			
DRAWN: IB		DATE: 03/15/2016			
CHECKED: RI		SCALE:			
 4/30/16 EXP. DATE <i>Ron Iwamoto</i> THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.		APPROVED: <i>Cyly</i> CHIEF ENGINEER		DATE: MAR 23 2016 DRAWING NO.: S6.00	