

G MANUFACTURED ROOF TRUSS NOTES

- 1. Manufactured roof trusses are @ 24"oc UNO.
2. Refer to plan for roof truss type. Refer to Architectural drawings for shape, overhang, dimensions, slopes, span, drainage, etc. Location of bearing points are as indicated on the drawings.
3. Manufacturer shall provide the following: Truss calculations, prepared and signed by a Licensed Civil or Structural Engineer (State of California). Truss calculations and design drawings shall be per Section 2303.4 of the 2007 CBC and shall be provided for each truss profile type.
... (more items) ...

F SHEAR WALL SCHEDULE NOTES

- 1. "Sister" type trusses (ST) shall be designed for a maximum of 1/2" total horizontal deflection under dead plus live loads. Truss manufacturer shall include deflection calculations with the shop drawing submittal.
2. Bottom chord truss members having a gyp board ceiling attached shall provide a level surface with a maximum variation of 1/4" in 10'-0" in any direction.
3. Truss members and components shall not be cut, notched, drilled, spliced, or otherwise altered in any way without written concurrence and approval of an engineer.
... (more items) ...

H CONCRETE MASONRY UNIT NOTES

- 1. Concrete masonry unit construction shall be per 2/S13 UNO. Use double open end where possible bond. Single open end otherwise. All cells to be grouted solid. All CMU to be laid in running bond.
2. An inverted bond unit is to be placed at the foundation level and at the bottom of each lift to facilitate clean out. Clean outs shall be provided as necessary in the bond unit layout.
3. Dowels from foundation are to match size and alignment with the wall vertical reinforcement.
... (more items) ...

WOOD FRAMING NOTES CONTINUED

- 7. Stud walls are:
A. Exterior stud walls are 2x6 @ 16"oc UNO.
B. Interior bearing and sheowalls are 2x6 @ 16"oc UNO.
C. For other stud wall and plate sizes with the requirements of the Shearwall Schedule on page F/-.
8. Wood post sizes are to match beam and stud width, UNO. PEN per F/- to posts at all exterior walls and interior shear walls. Posts of holdowns to be full height and per 8/S12.
9. For roof drainage, top of framing between noted points is a straight line.
10. All mechanical supply and return openings to be between framing UNO.
11. HSS or pipe columns in stud walls are to be trimmed per 7/S12 UNO. Refer to plans and details for other requirements.
... (more items) ...

C FOUNDATION NOTES

- 1. Foundation Design Pressures are:
Shallow Footings: 2,000 psf
DL + LL + Lateral = 2,667 psf
2. All soils work shall be done in accordance with the specifications, the requirements of the Geotechnical Report noted below and Chapter 18 of the 2007 CBC. All foundations shall be designed and constructed in accordance with the requirements of the Geotechnical Report and drawings. Engineered fill to be compacted per Geotechnical Report. Increase fill and footing depth as required by Geotechnical Engineer. All footing excavations shall be as near as practicable. Over-excavations in width shall be filled with concrete, and in depth may be filled with compacted aggregate.
... (more items) ...

E WOOD FRAMING NOTES

- 1. Headers, beams, posts, and etc., are per 7/S12 and 3/S12 where not noted on plan and details.
2. All beams and posts (including 1/bats) shall be seat cut for full uniform bearing of supports, including beam seats and column caps. Maximum seat cut for sawn lumber is 6/4, UNO.
3. The General Contractor shall measure gulum beam sizes and cambers as delivered to the job site and shall report findings to the Engineer prior to erection. Provide 3,500 ft. radius camber on all simple span gulum beams UNO.
4. Typical Sheathing:
A. Sloping Roof Sheathing: 15/32" APA rated sheathing (32/16) Exp 1 with 8d @ 6"oc edges (F2X) and 12"oc field UNO on plans. (8d X 1 1/2 @ 6"oc for 14sg for additional roof slope.) (F2X) 12"oc independent 2x deckings, seats @ 5/2" for 2x4s at unsupported edges unless noted to be blocked on plans. No points less than 24" wide shall be used.
... (more items) ...

A DESIGN CRITERIA

- Design Code: 2007 California Building Code (CBC)
Floor Live Load: 40 psf
Roof Live Load: 20 psf (Reducible)
Wind Data:
Basic wind speed (3 sec gust) in mph: 85
Wind importance factor: i: 1.0
Hull exposure: C
Response coefficient (CC): = 4.0
Design pressure for components and cladding by others: 25 psf
Earthquake Data:
Seismic Importance Factor: 1.0
Occupancy category: II
Mapped spectral response accelerations: Ss = 1.5; S1 = 0.6
Site Class: D
Seismic response coefficients: Sps = 1.0; Sp = 1.6
Specific design category: D
Basic force modification factor(s): Wood Framed Shear Walls
Response modification factor(s): R = 6.5
Design base shear: 26.2k
Seismic response coefficient(s): Cs = 0.108 (ASD)
Analysis procedure used: Equivalent lateral force

B GENERAL NOTES

- 1. Refer to sheets S11 and S12 for standard details of construction. Refer to the project specifications for materials and methods.
2. (SUD) for all circular building dimensions. Any discrepancies are to be brought to the attention of the Structural Engineer prior to construction. All dimensions related to work... shall be verified by the contractor and submitted in writing to the Architect/Engineer.
3. Drawings shall NOT be scaled. All dimensions and fit shall be determined and verified by the contractor prior to commencing work.
4. Details not fully or specifically shown shall be of some nature as other similar conditions.
5. Refer to Architectural drawings for sidewalk, stairs and dimensions.
6. Submit engineering for deferred approval items to Architect/Engineer for review and approval to the Building Department for approval prior to fabrication. Deferred approval items shall include: horizontal and vertical movements as noted in structural drawings. General contractor shall review and approve dimensions and details shown on the shop drawings prior to fabrication.
... (more items) ...

SPECIAL INSPECTION BY OWNER'S TESTING AGENCY

- 1. Shop fabrication of structural load-bearing members and assemblies per CBC Section 1704.2.2 including gulum beams, joists and joist hangers or compliance per CBC Section 1704.2.2 including gulum beam inspection certificates.
2. Structural steel connections per CBC Section 1704.3, 1707.1, 1708.4 and 1709.
3. Masonry construction per CBC Section 1704.5, 1708.1, 1708.3, & Table 1704.5.1 (Level 1) including masonry identification, shop and field welding, and installation of high-strength bolts.
4. Wood construction per CBC Sections 1704.6 and 1707.3 including nailing, bolting and nailing of all diag struts, top plate splices, ledger splices, Simpson hardware, braces and where the fastener spacing of the sheathing is 4" apart or less.
5. Sols per CBC Section 1704.7, Table 1704.7, and the approved soils report including subgrade placement and testing of controlled fill where total depth exceeds 12" of vertical fill.
6. Special cases per CBC Section 1704.13 and product ICC reports for all structural materials that require special inspection.
... (more items) ...

STRUCTURAL GENERAL NOTES AND SPECIFICATIONS

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STRUCTURAL SHEET INDEX

Table with 2 columns: Drawing Number and Description. Includes items like S0.1, S1.1, S2.1, S3.1, S4.1, S5.1, S6.1, S7.1.

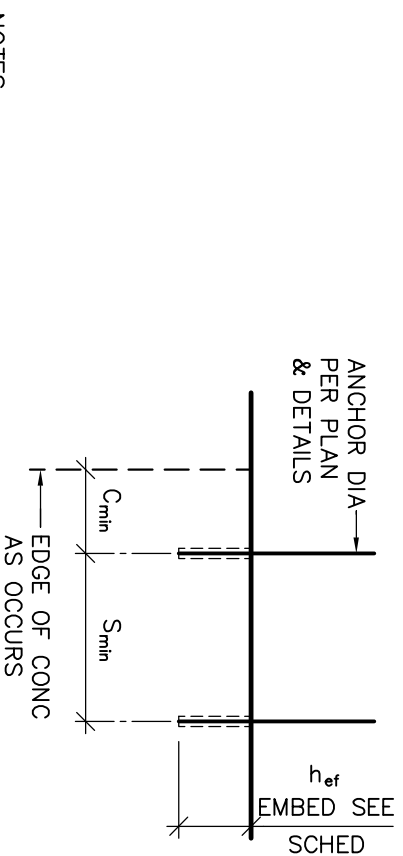
Table with 2 columns: Drawing Number and Description. Includes items like S0.1, S1.1, S2.1, S3.1, S4.1, S5.1, S6.1, S7.1.

PROJECT SET
DATE CHECKED: 07/08/10
PROJECT NO: 10094
DATE MODIFIED: 09/17/10
DRAWN BY: DRE
CHECKED BY: MCV/KCZ
ISSUE: PERMITS
SCALE: NONE
STRUCTURAL GENERAL NOTES

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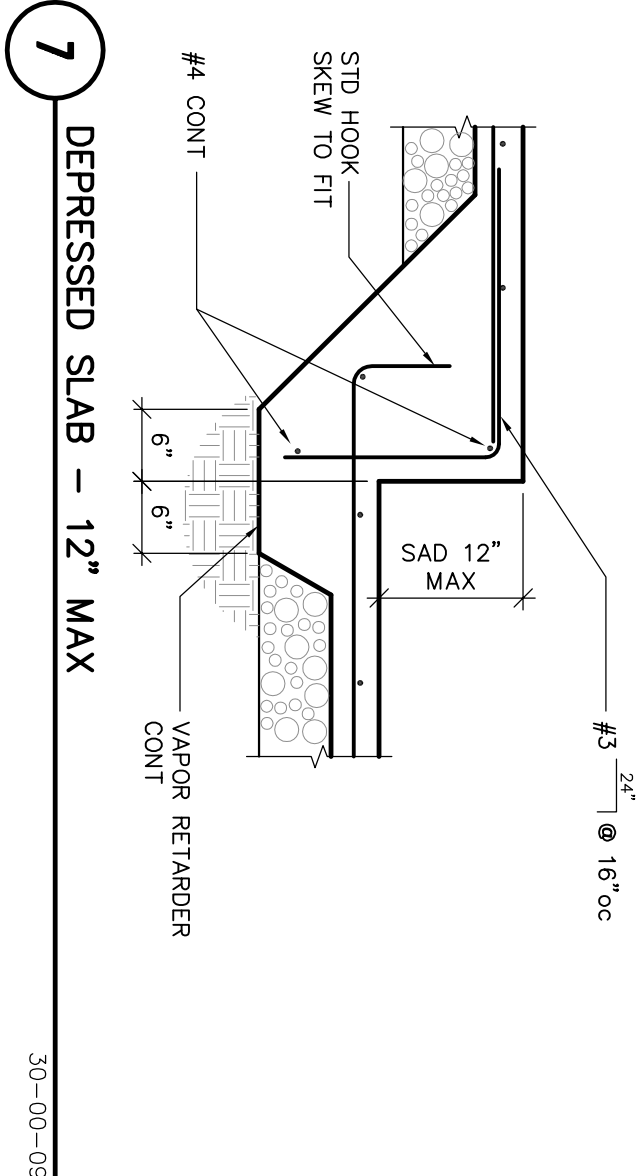
ADHESIVE ANCHORS IN 2500 PSI MIN CONCRETE						
ANCHOR TYPE	THRD REBAR	MINIMUM EMBEDMENT UNO	MINIMUM EDGE DIST	MINIMUM SPACING S _{min}	MINIMUM CONC DEPTH	MINIMUM
SIMPSON SET-XP	1/2" #4	4"	1 3/4"	3"	6 1/2"	10"
	3/4" #5	5"	1 3/4"	3"	8 1/4"	
	1/2" #4	6"	1 3/4"	3"	9 3/4"	
	3/4" #5	7"	1 3/4"	3"	11 1/2"	
	1" #6	8"	1 3/4"	3"	13"	
	3/8" #3	3"	1 1/2"	1 1/2"	4 1/4"	
	1/2" #4	4"	2 1/2"	2 1/2"	5 1/4"	
	3/4" #5	5"	3 3/4"	3 3/4"	6 1/4"	
	1/2" #4	6"	3 3/4"	3 3/4"	7 1/4"	
	3/4" #5	7"	4 3/4"	4 3/4"	8 1/4"	
	1" #6	8"	5"	5"	10"	



- NOTES:
1. Install adhesive anchors per manufacturer's information and ICC report. Special inspection is required per section 1704 and the requirements of the ICC reports.
 2. Acceptable adhesives are: Simpson SET-XP, ICC No. ESR-2508; HITI HIT-RE500-SD, ICC No. ESR-2322. An approved equal may be substituted unless specifically noted otherwise on drawings.
 3. Threaded rods to be A36 or A307 Grade C threaded rod. Rebar to be A615.
 4. Contractor to verify minimum edge distances, spacing and thickness are in accordance with schedule prior to installing anchor.
 5. When drilling holes in existing concrete, use care and caution to avoid cutting or damaging the existing reinforcing bars. Maintain a reasonable clearance between reinforcement and the drilled-in anchor. CORE DRILLED HOLES NOT PERMITTED.
 6. The special inspector must be on the jobsite continuously during anchor installation to verify anchor type, anchor dimensions, hole cleanliness, embedment depth, concrete type, concrete compressive strength, drill bit diameter, hole depth, edge distance(s), anchor spacing(s), concrete thickness, and adhesive injection.
 7. See drawings for specific tension test loads for anchors.

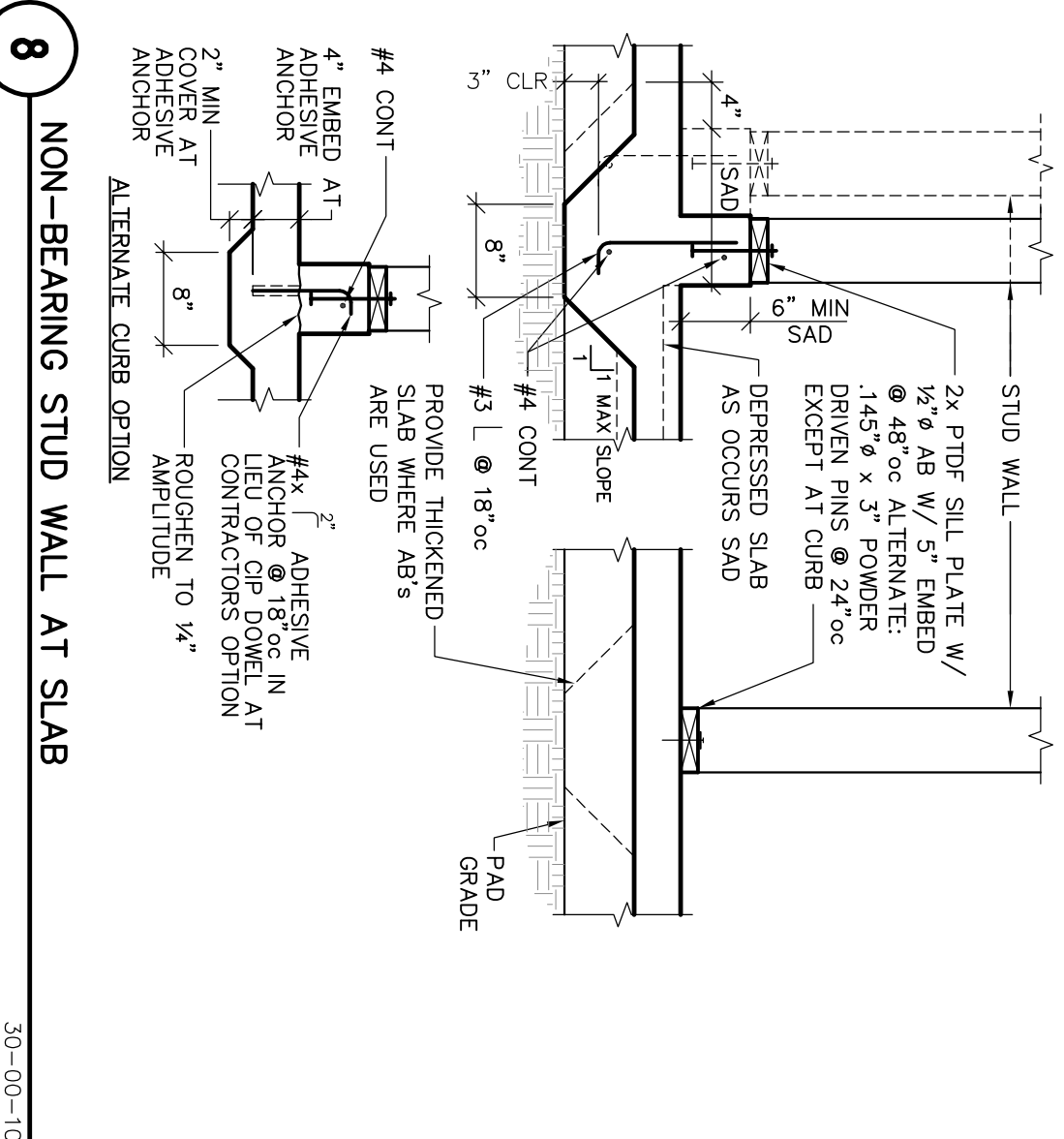
11 ADHESIVE ANCHOR IN CONCRETE

30-01-04



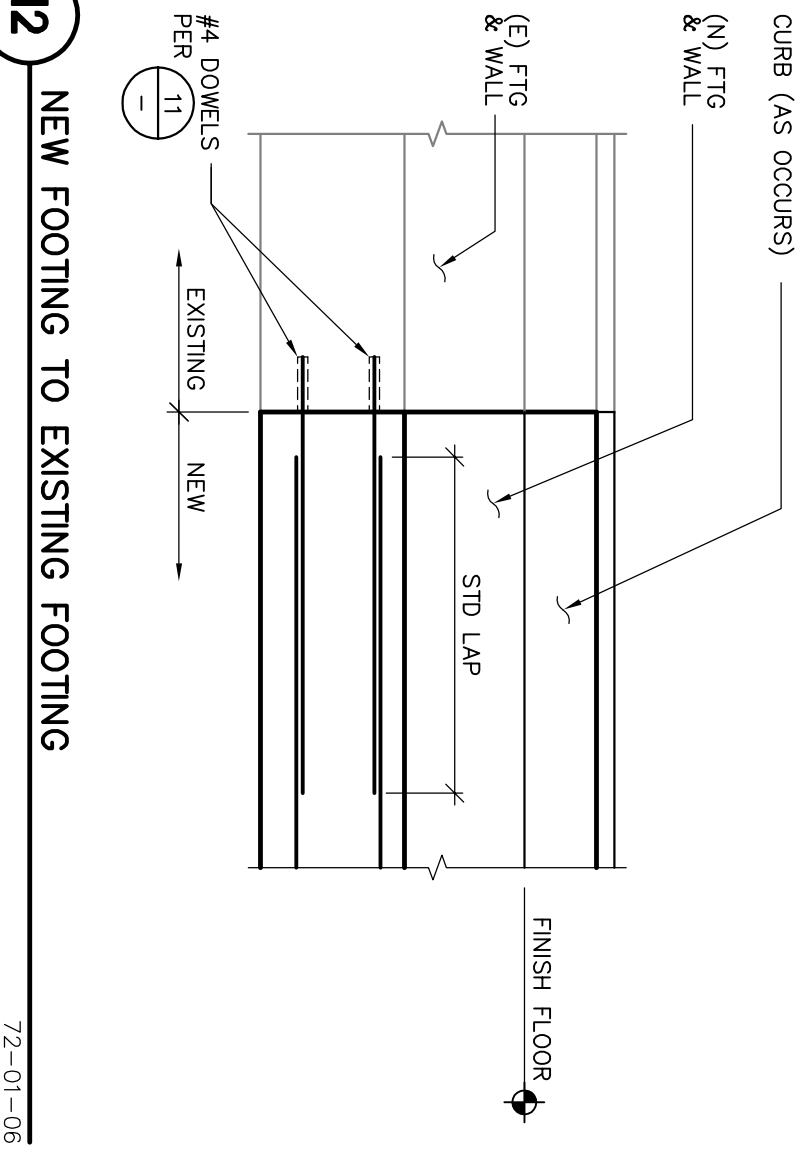
7 DEPRESSED SLAB - 12" MAX

30-00-09



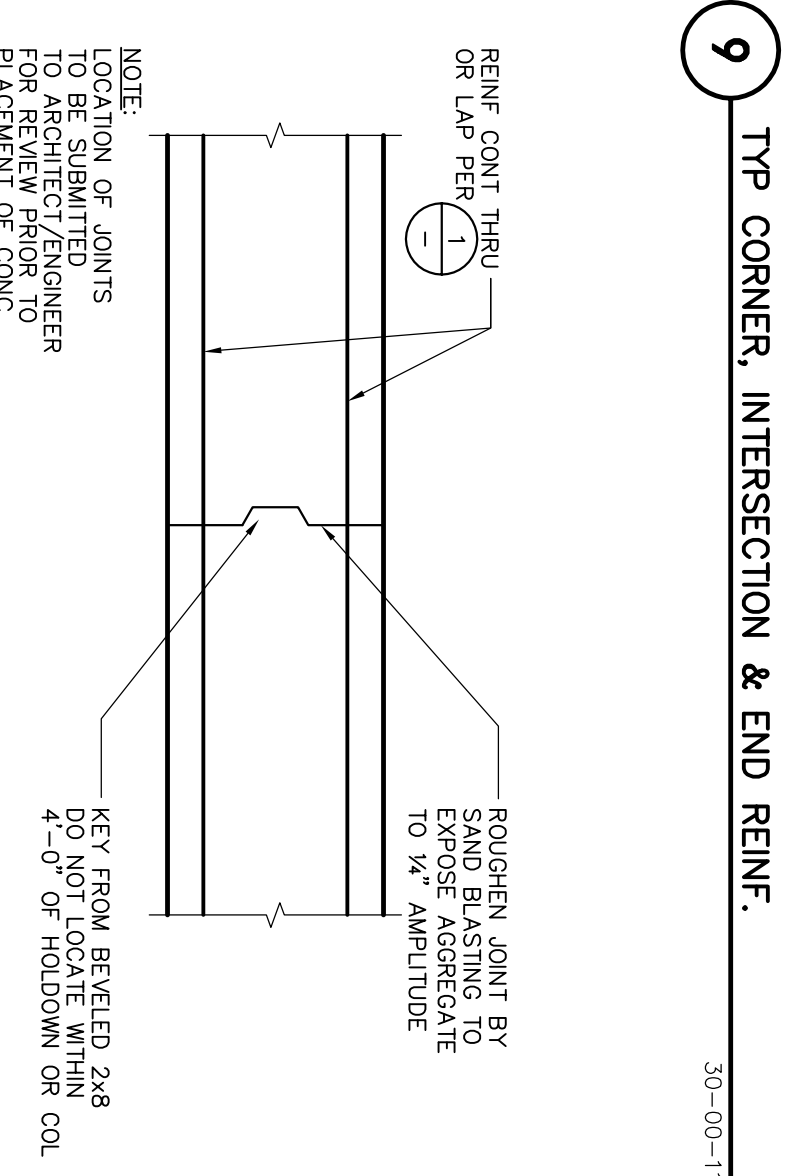
8 NON-BEARING STUD WALL AT SLAB

30-00-10



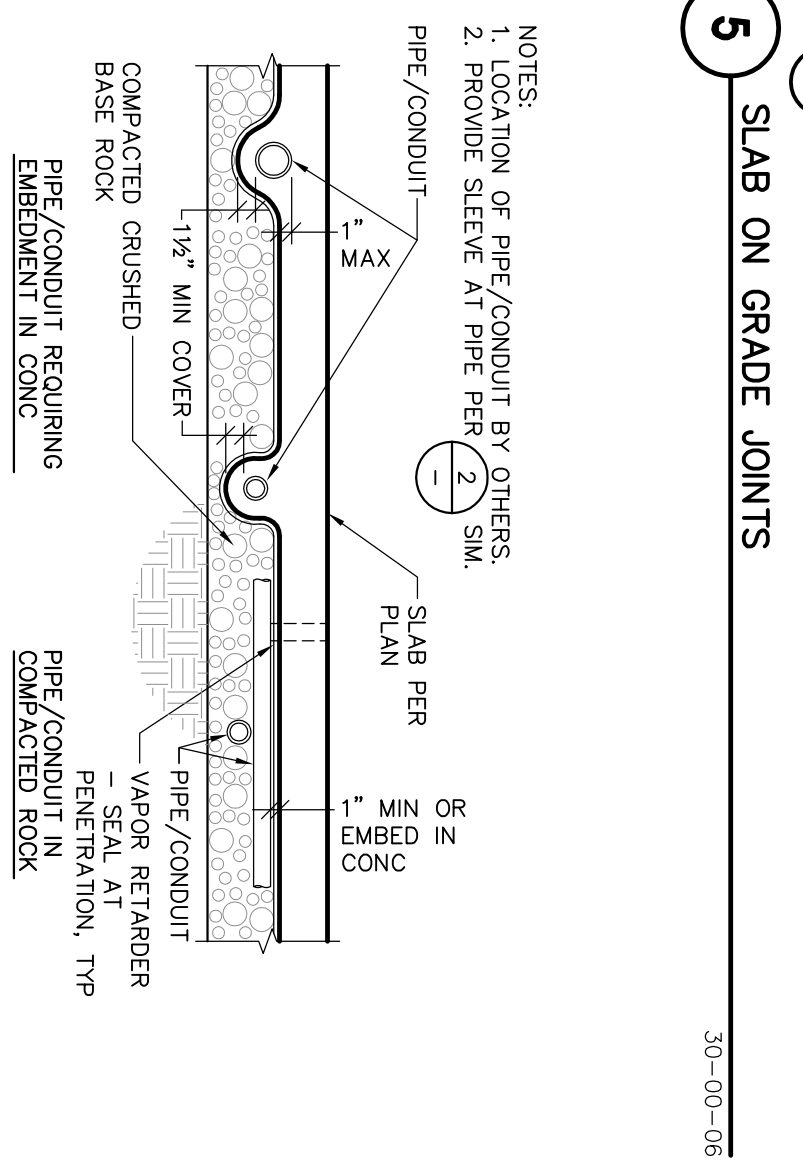
12 NEW FOOTING TO EXISTING FOOTING

72-01-06



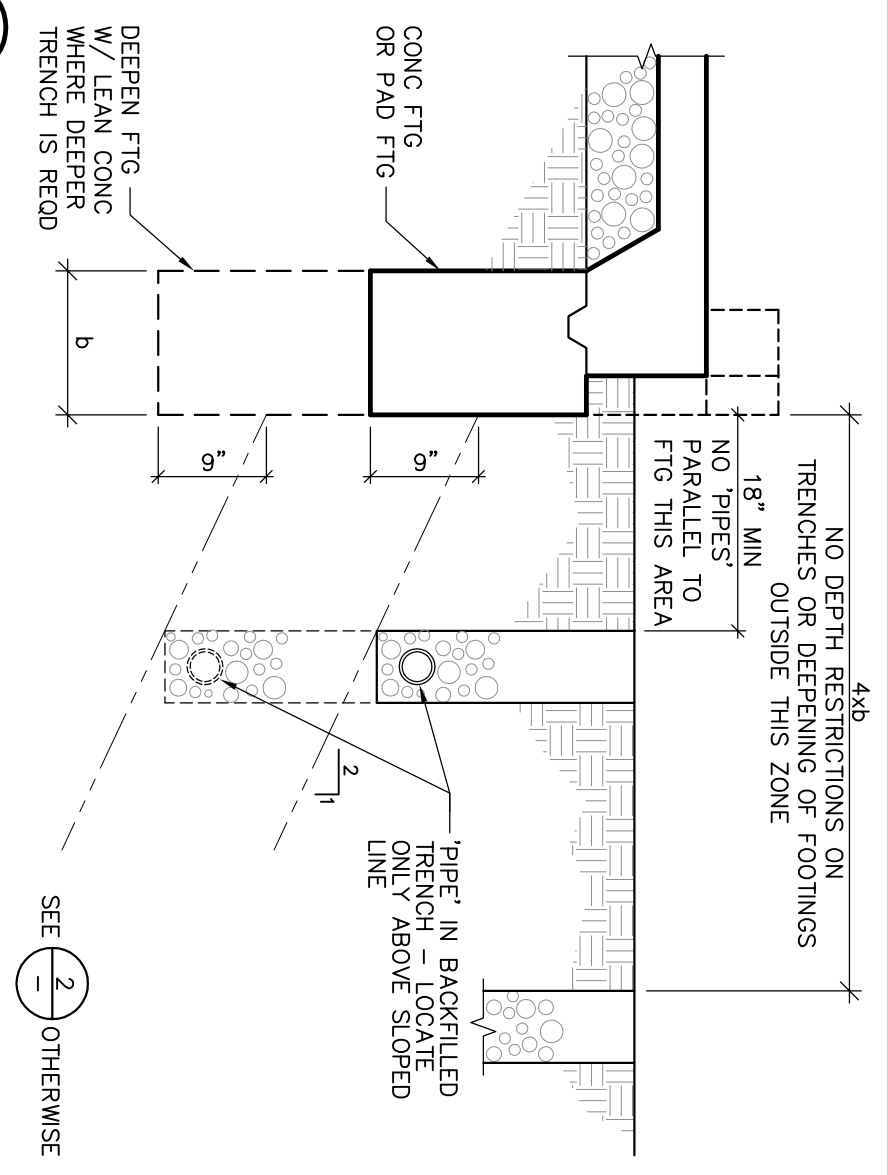
9 TYP CORNER, INTERSECTION & END REINF.

30-00-11



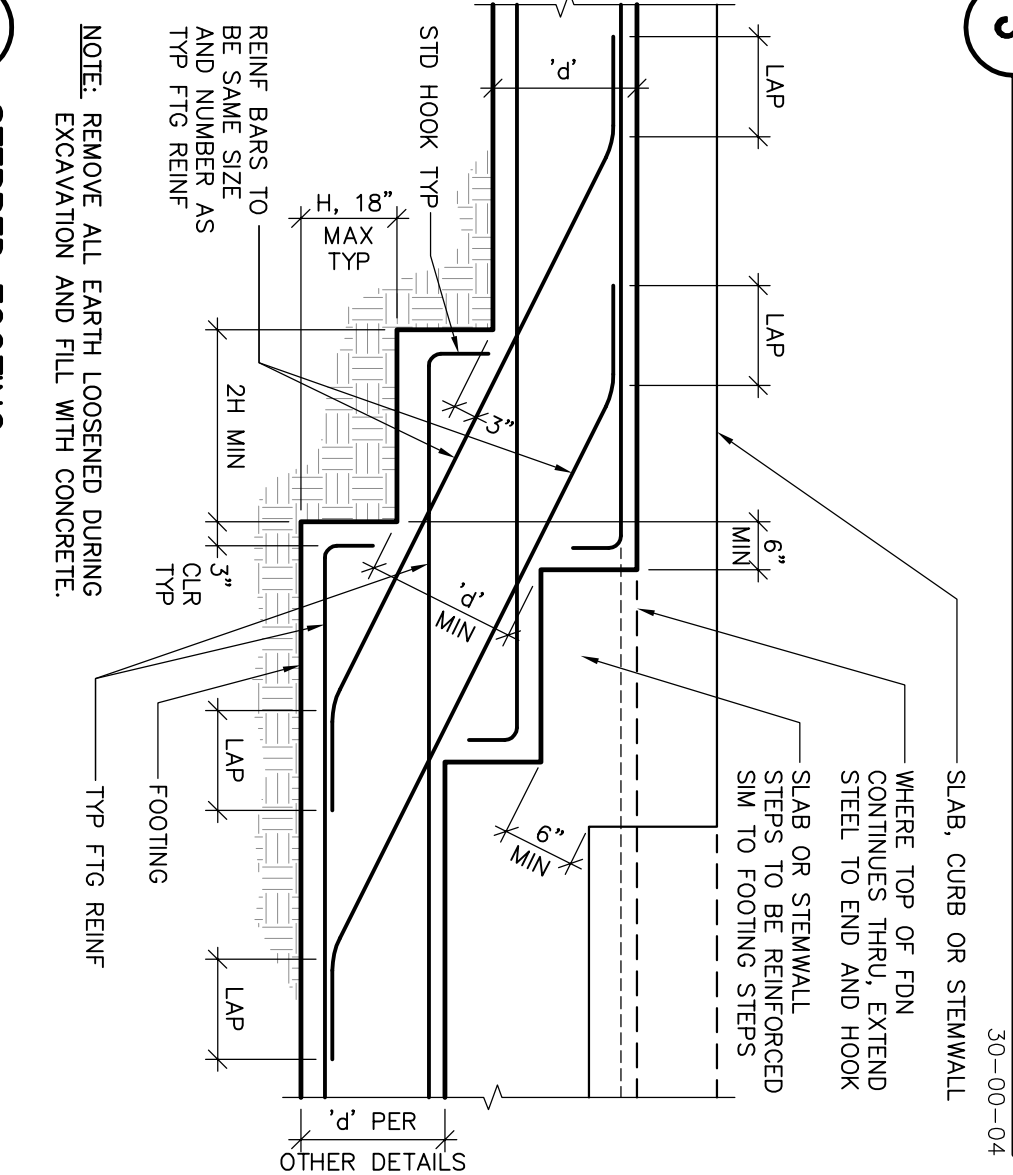
10 FOOTING CONSTRUCTION JOINT

30-00-13



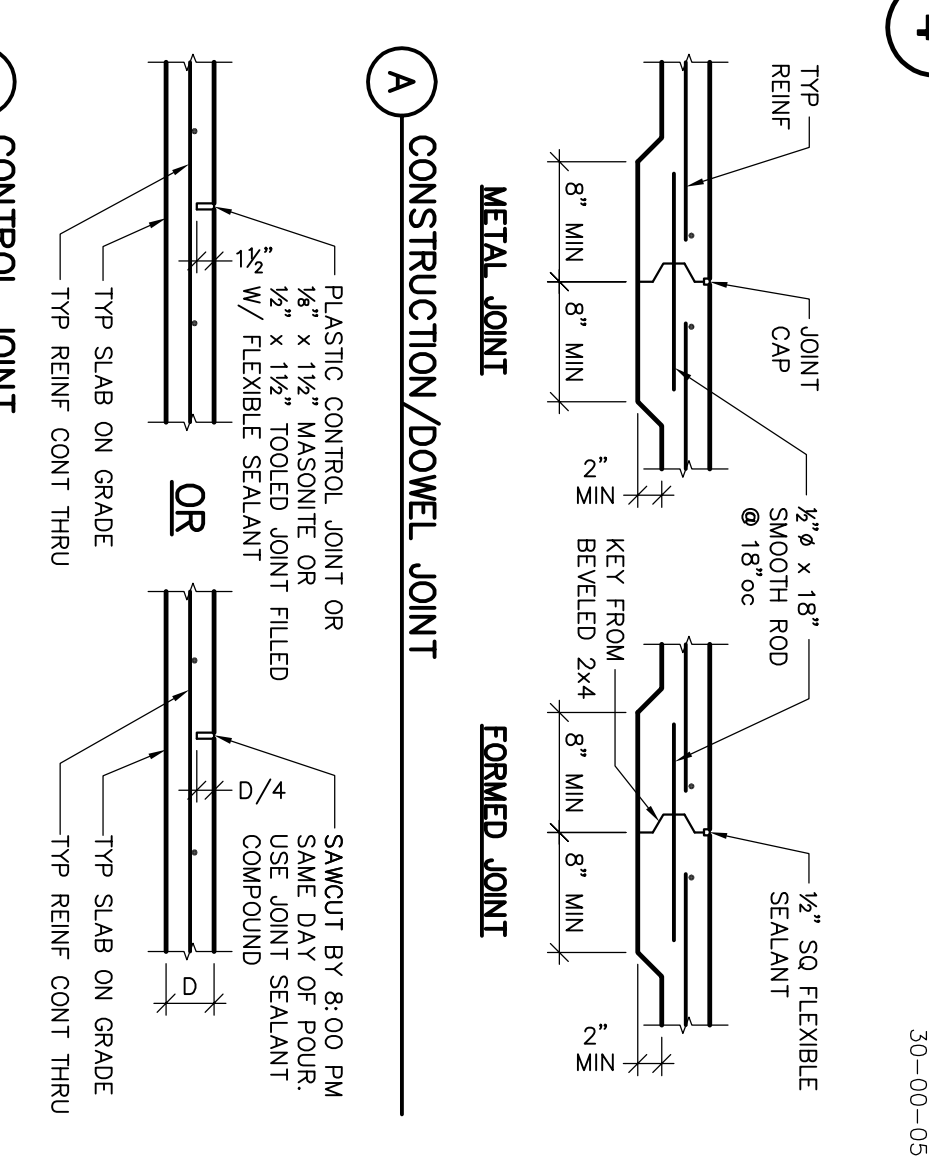
3 TRENCHING ADJACENT TO FOOTING

30-00-04



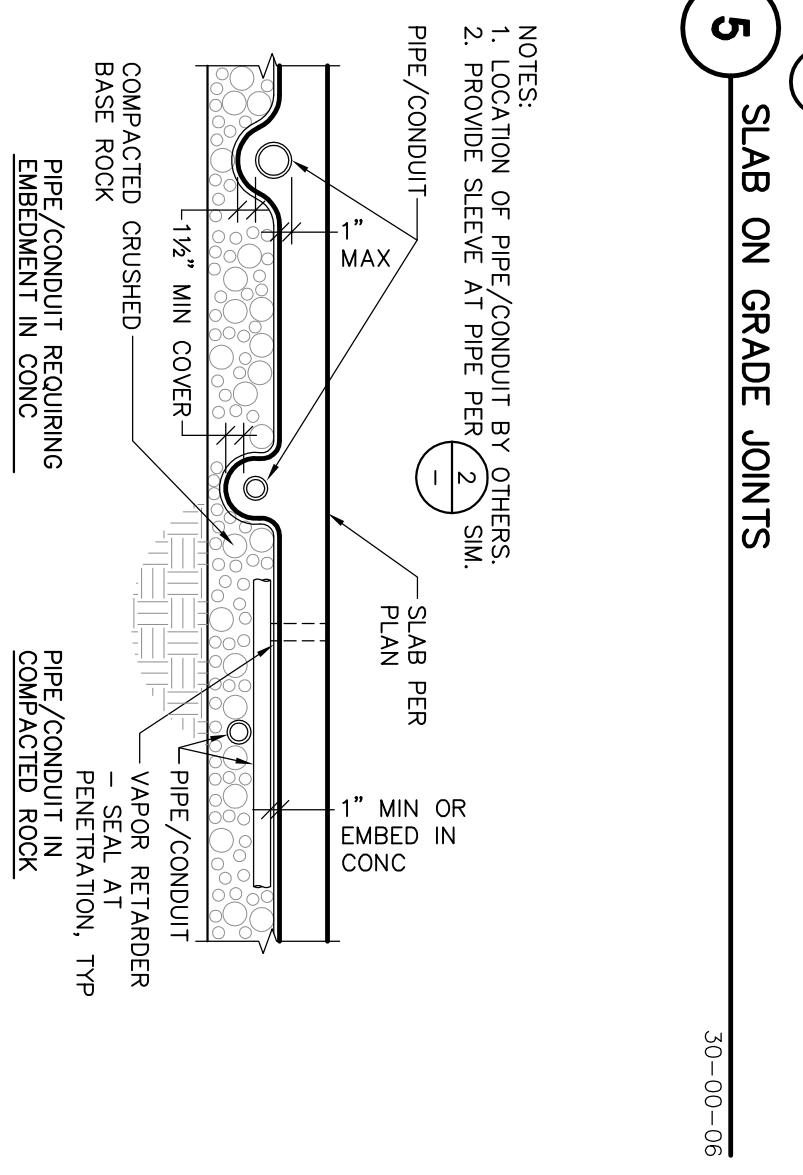
4 STEPPED FOOTING

30-00-05



5 CONTROL JOINT

30-00-06



6 CONDUIT AND PIPE AT SLAB ON GRADE

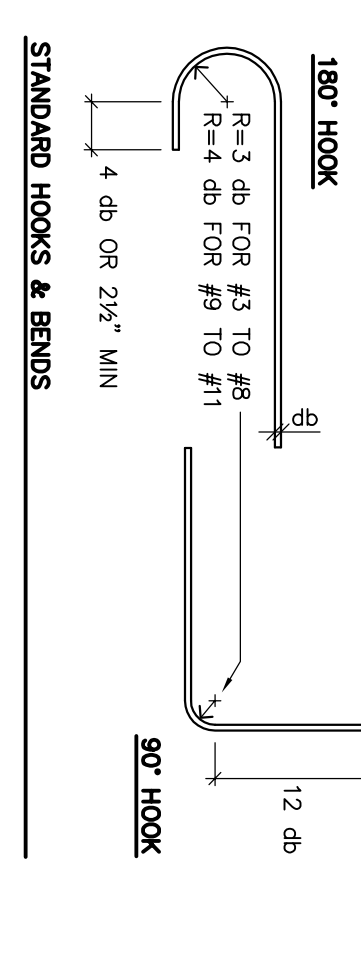
30-00-07

MINIMUM BAR LAPS FOR REINFORCING STEEL				
CONCRETE STRENGTH: 2500 PSI OR GREATER (STAGGER SPLICES)	SIZE	LAP LENGTH	SIZE	LAP LENGTH
	#3	18"	#6	36"
	#4	24"	#7	60"
	#5	36"	#8	76"
	#6	48"	#9	94"
	#7	60"	#10	112"
	#8	76"	#11	132"

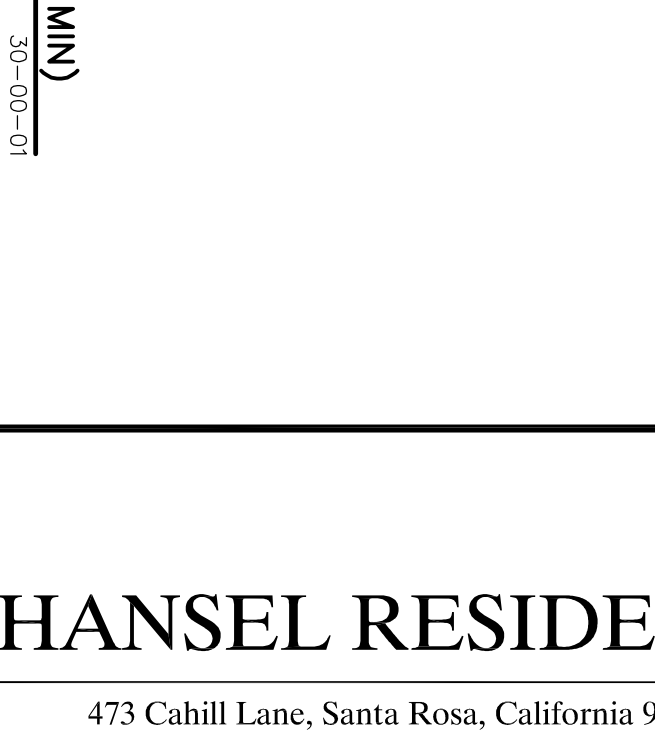
(CLASS B TOP BAR)
BAR SPACING SHALL NOT BE LESS THAN 4x BAR DIAMETERS OR 4".
* WHERE COVER NOT LESS THAN 1 1/2", #5 LAP LENGTH = 30".

CONCRETE COVER FOR REINFORCING STEEL

CAST AGAINST EARTH OR GRADE 3"
EXPOSED TO EARTH (FORMED) OR WEATHER 1 1/2"
#5 & SMALLER 2"
#5 & LARGER 2"
NOT EXPOSED TO EARTH OR WEATHER 1 1/2"
#5 & SMALLER 1 1/2"
#5 & LARGER, & ALL BM STIRRUPS, COL. TIES, & SPIRALS 1 1/2"

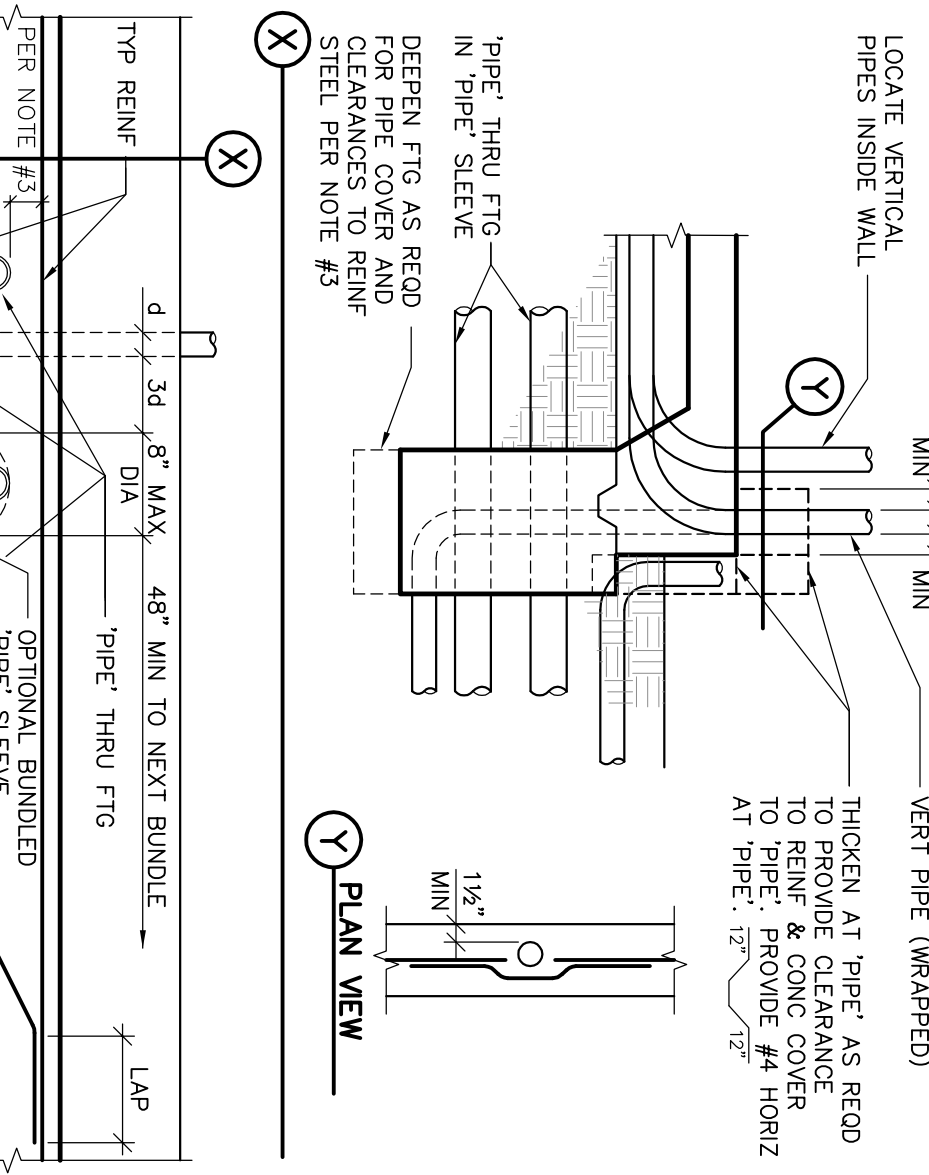


1 TYPICAL REINFORCING DETAILS (f'c = 2500 psi MIN)



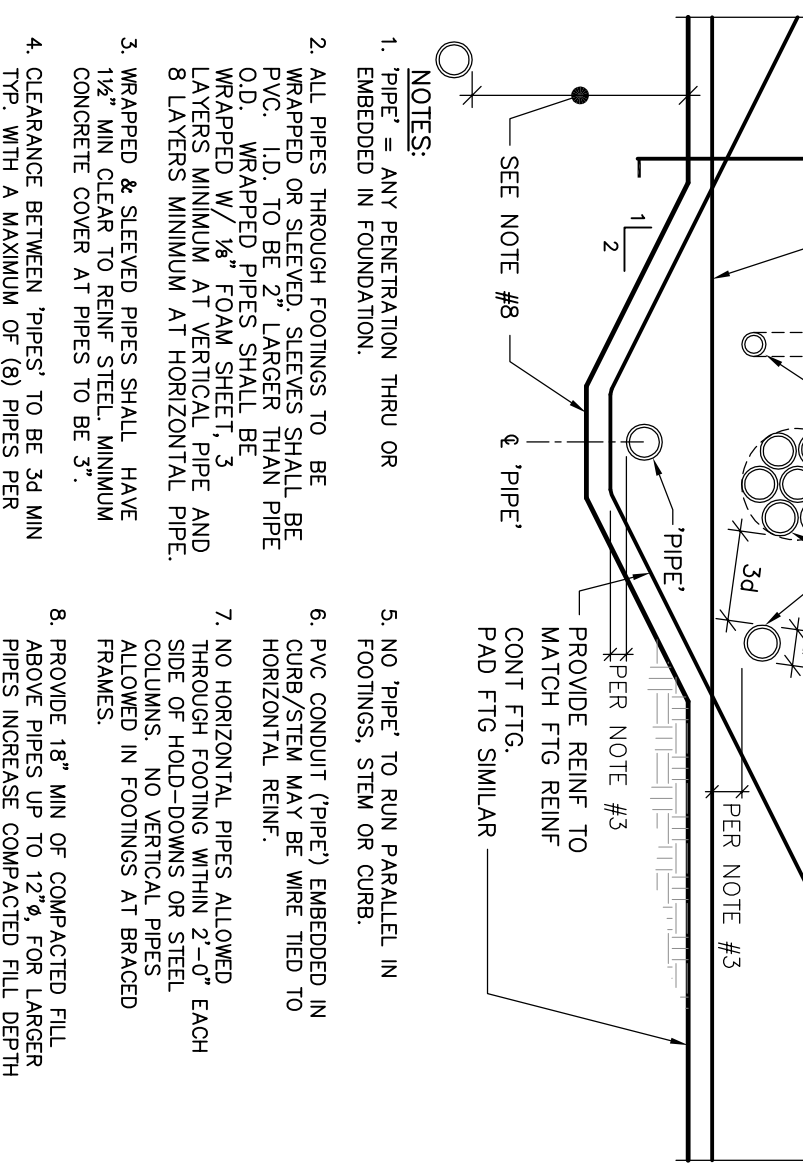
1 TYPICAL REINFORCING DETAILS (f'c = 2500 psi MIN)

30-00-01



2 PIPES THRU FOOTING

30-00-02



6 CONDUIT AND PIPE AT SLAB ON GRADE

30-00-07

TYPICAL CONCRETE DETAILS

SCALE : NONE

S1.1

WADE DESIGN ARCHITECTS

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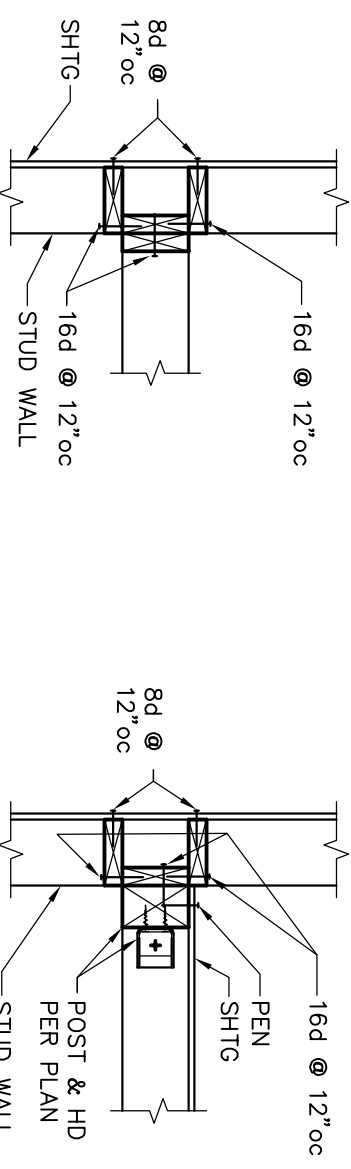
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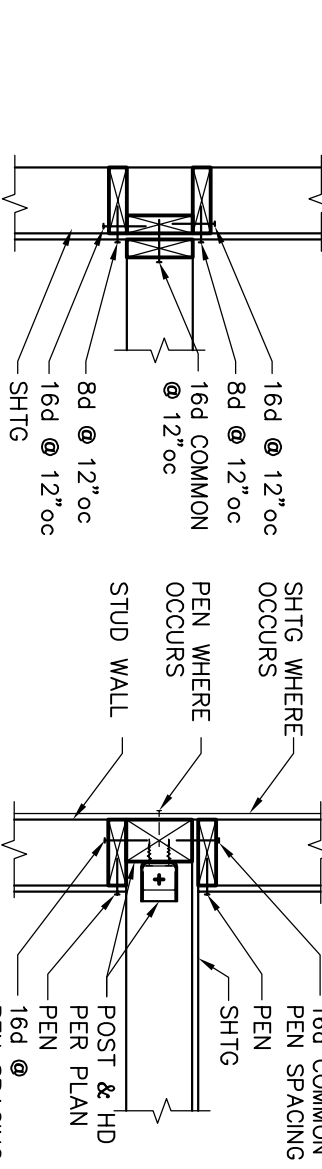
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Drawn By: DRE
Checked By: KCV/KCZ
Project No: 10094
Date: 06.01.10
Issue: PRELIM SET
07.08.10 PLAN CHECK
09.17.10 MODIFIED FOUNDATIONS

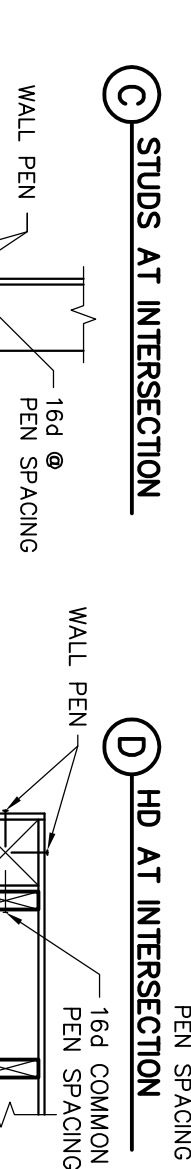
S1.1



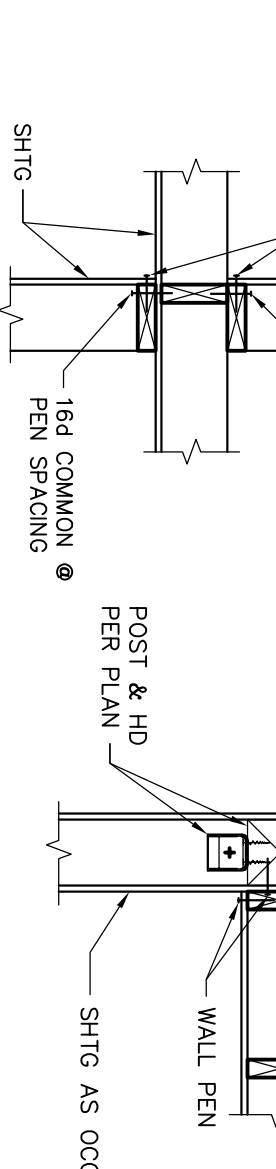
A STUDS AT INTERSECTION



B HD AT INTERSECTION

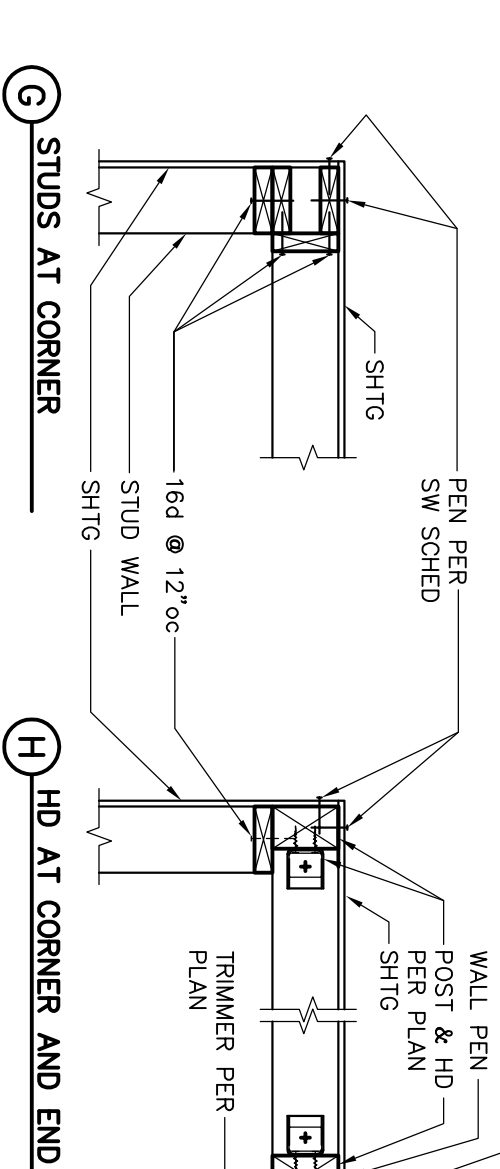


C STUDS AT INTERSECTION



D HD AT INTERSECTION

E STUDS AT INTERSECTION



F HD AT CORNER

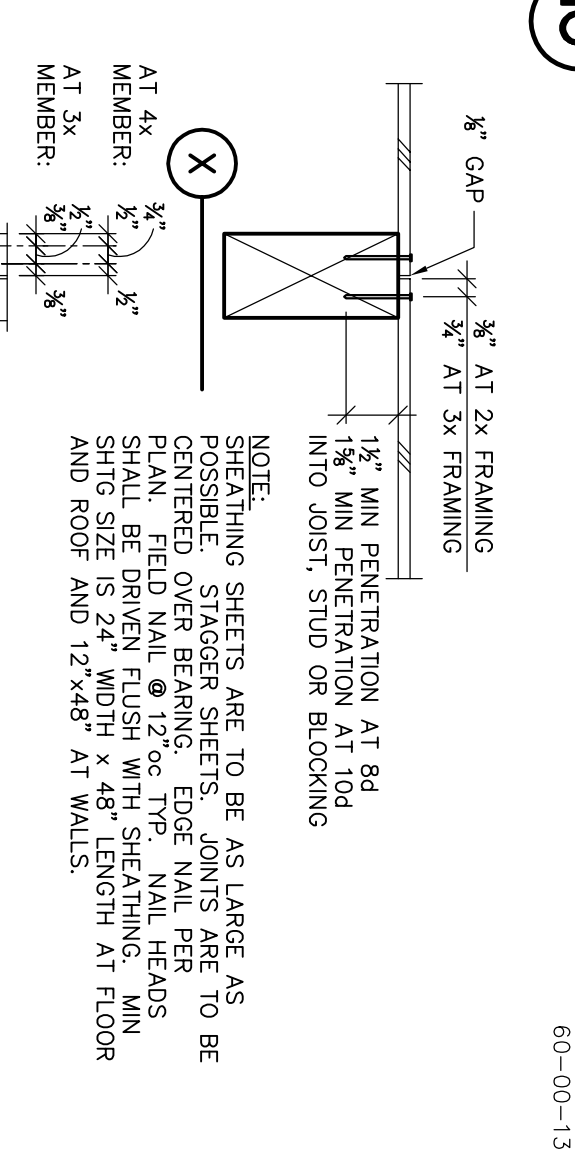
G STUDS AT CORNER

9 TYPICAL PLAN VIEW OF STUD WALL INTERSECTIONS

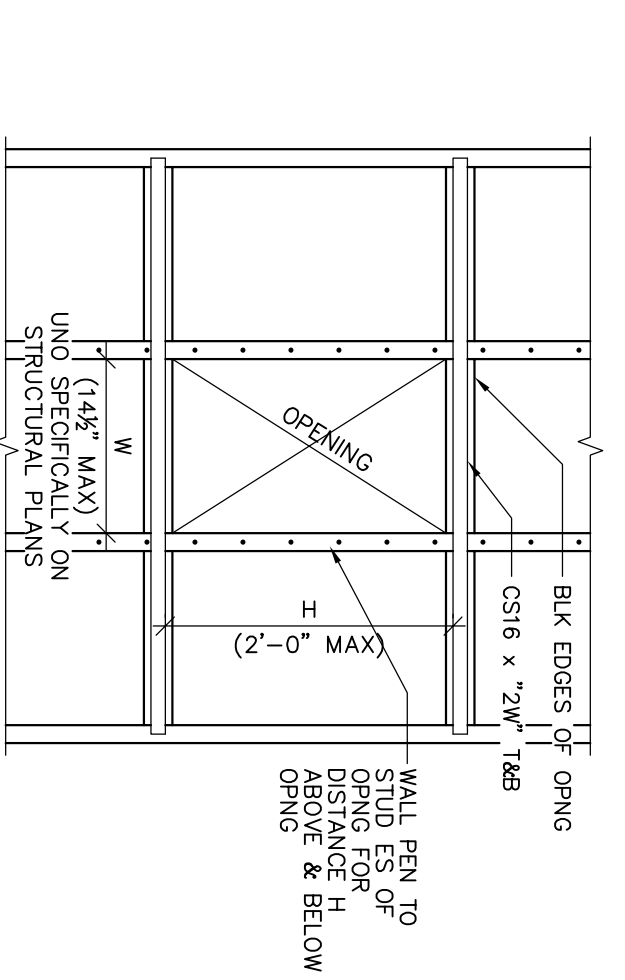
MAX SPAN	JOIST SIZE	HANGER IF REQUIRED	LEADER IF REQUIRED
6'-0"	2x4 @ 16" OC	LU24	2x4 W/ (2)
12'-0"	2x6 @ 16" OC	LU26	2x6 W/ (3)
16'-0"	2x8 @ 16" OC	LU28	2x8 W/ (4)
20'-0"	2x10 @ 16" OC	LU210	16d @ 16" OC

- NOTES:
- CEILING JOIST SCHEDULE IS BASED ON LL = 10 psf.
 - WHERE LEADERS ARE NEEDED THROUGH WALL SHTG, USE 16d COMMON NAILS.
 - PROVIDE MIDSPAN BLOCKING AT 2x10 JOISTS.

10 CEILING JOIST SCHEDULE

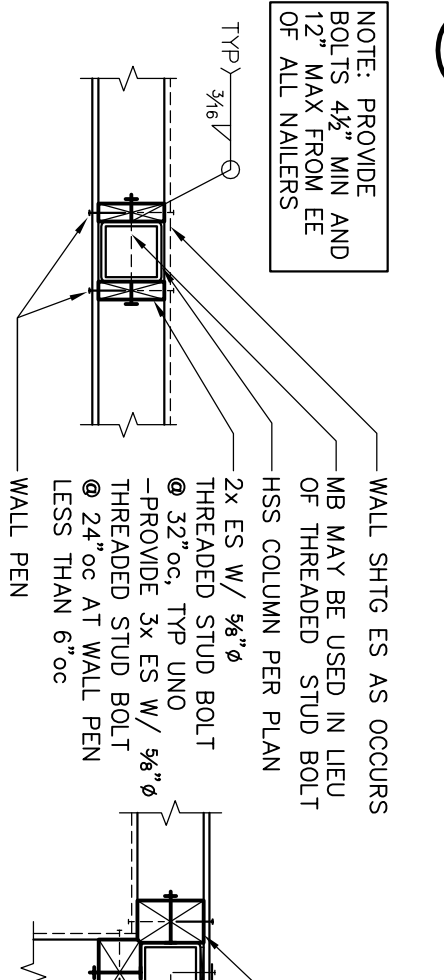


11 SHEATHING NAILING

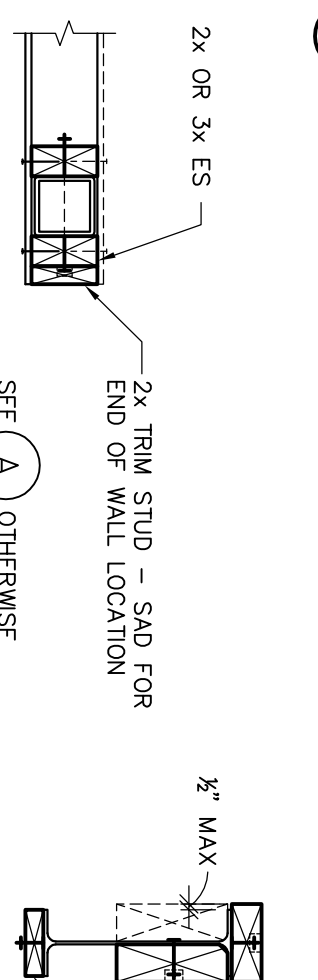


- NOTES:
- OPENINGS < 6" SO DO NOT REQUIRE BLS & STRAPS.
 - NO ADDITIONAL OPENINGS WITHIN 1'-0" ALL AROUND.
 - SHEAR WALLS LESS THAN 10'-0" LONG UNLESS SPECIFICALLY DETAILED ON STRUCTURAL PLANS.
 - CONTACT STRUCTURAL ENGINEER FOR ASSISTANCE.

6 SMALL OPENINGS IN SHEARWALLS

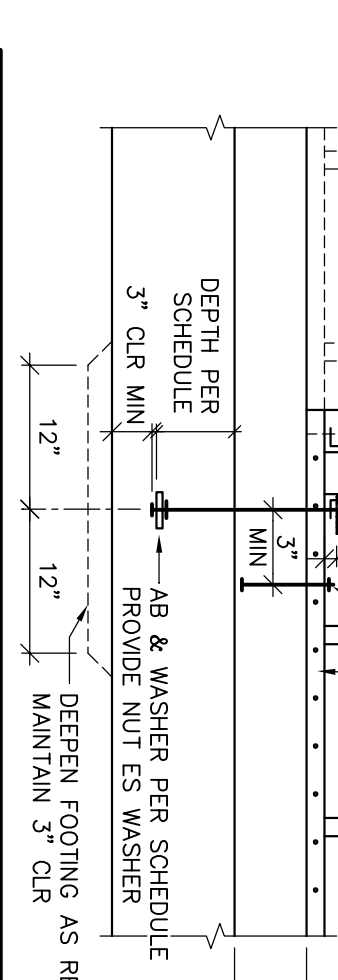
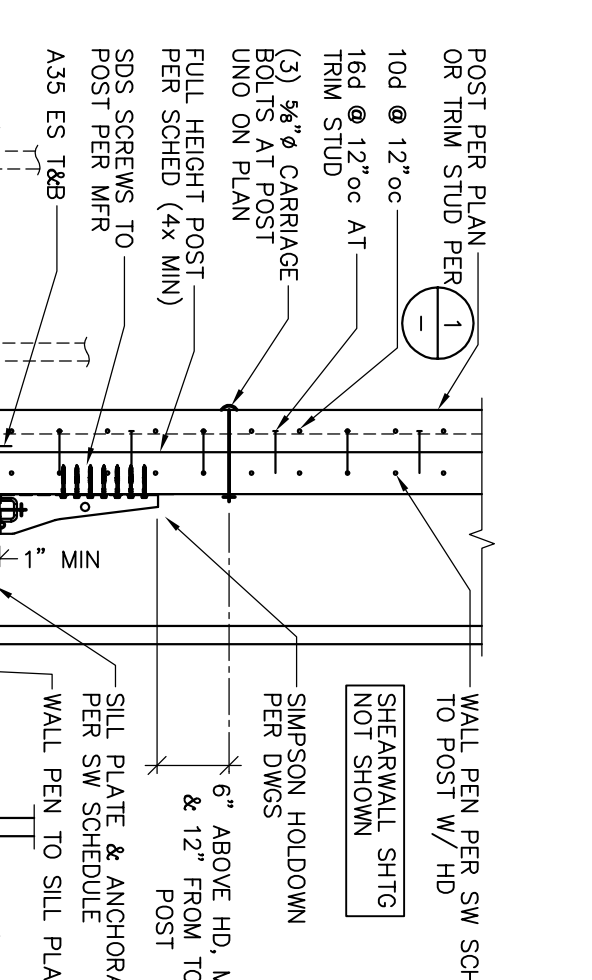


A HSS COLUMN WITHIN WALL



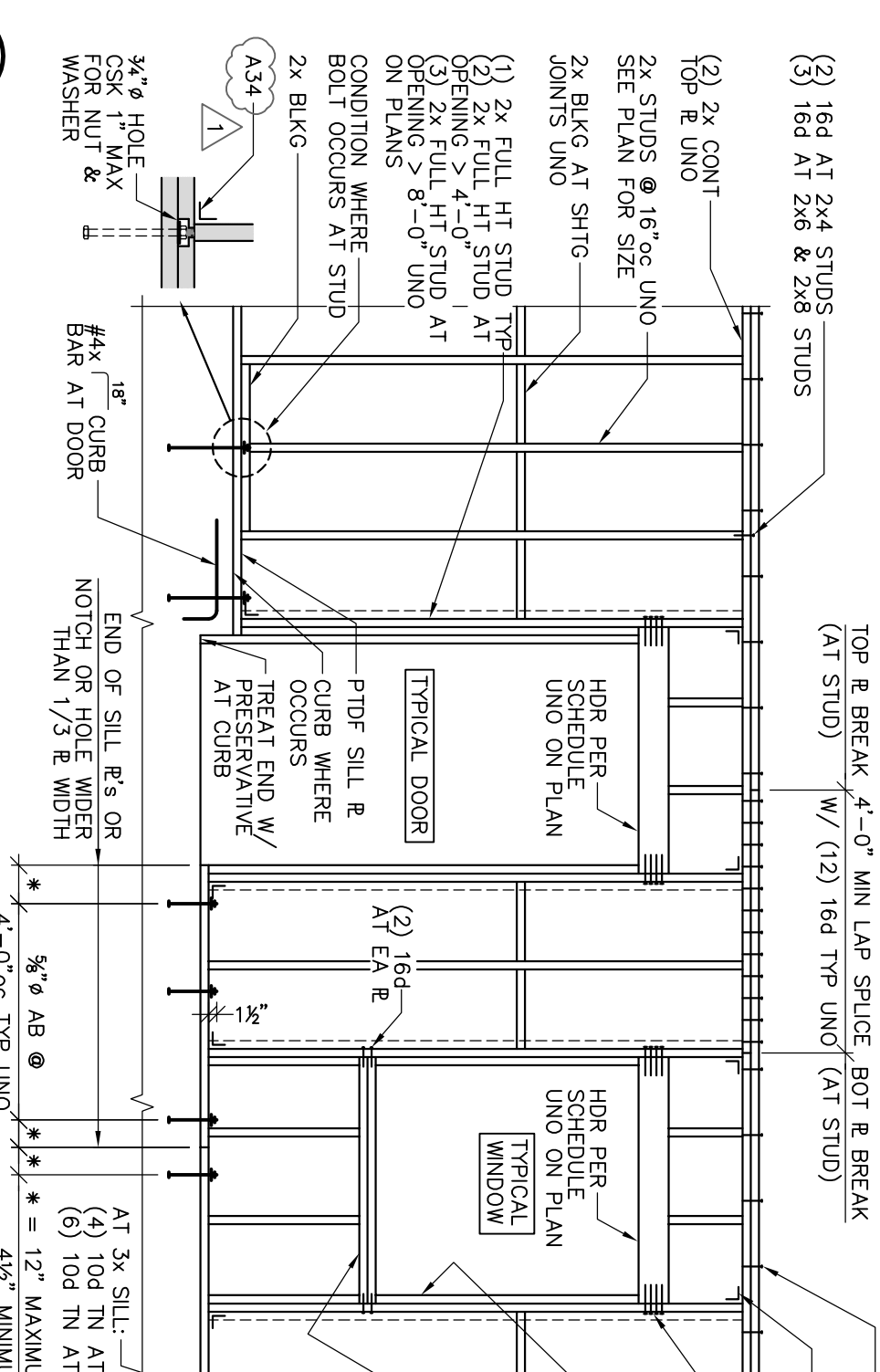
B HSS COLUMN AT END OF WALL (EDGE OF OPNG SIM)

7 TYPICAL STEEL BEAM/COLUMN NAILERS

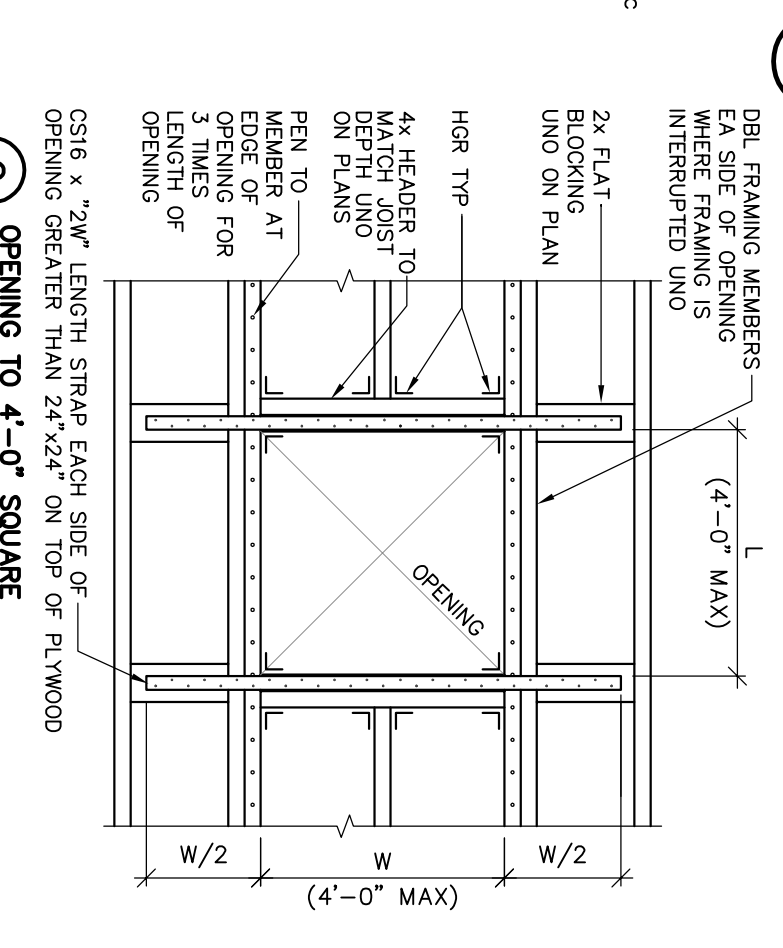


HOLDOWN	MB OR THRD ROD	WASHER AT AB	DEPTH	MIN FTG	MIN UNO ON PLANS	MIN POST SIZE
HOLD2	3/8"	3/8" X2" SO	12"	12"	4x	4x
HOLD4	3/8"	3/8" X2" SO	12"	12"	4x	4x
HOLD6	3/8"	3/8" X2" SO	12"	12"	4x	4x
HOLD8	3/8"	3/8" X2" SO	12"	12"	4x	4x
HOLD10	3/8"	3/8" X2" SO	12"	12"	4x	4x
HOLD12	3/8"	3/8" X2" SO	12"	12"	4x	4x
HOLD14	3/8"	3/8" X2" SO	12"	12"	4x	4x
HOLD16	3/8"	3/8" X2" SO	12"	12"	4x	4x
HOLD18	3/8"	3/8" X2" SO	12"	12"	4x	4x
HOLD20	3/8"	3/8" X2" SO	12"	12"	4x	4x
HOLD22	3/8"	3/8" X2" SO	12"	12"	4x	4x
HOLD24	3/8"	3/8" X2" SO	12"	12"	4x	4x
HOLD26	3/8"	3/8" X2" SO	12"	12"	4x	4x
HOLD28	3/8"	3/8" X2" SO	12"	12"	4x	4x
HOLD30	3/8"	3/8" X2" SO	12"	12"	4x	4x

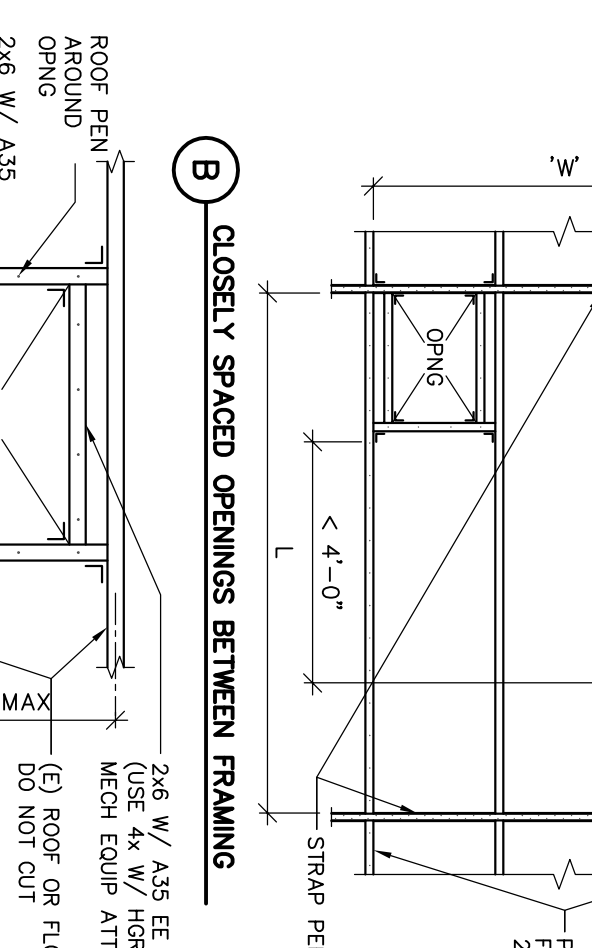
8 TYPICAL HOLDOWN



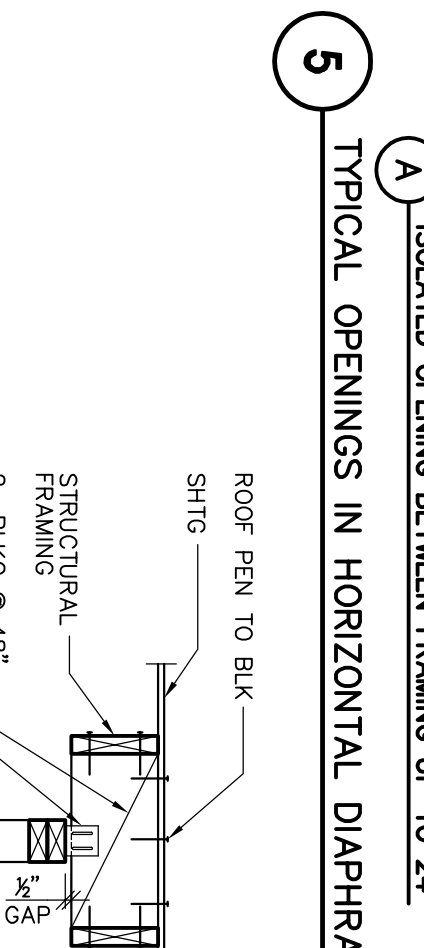
1 TYPICAL STUDWALL AND OPENING FRAMING



2 HOLES AND NOTCHES IN WOOD STUDS, JOISTS, BEAMS AND PLATES



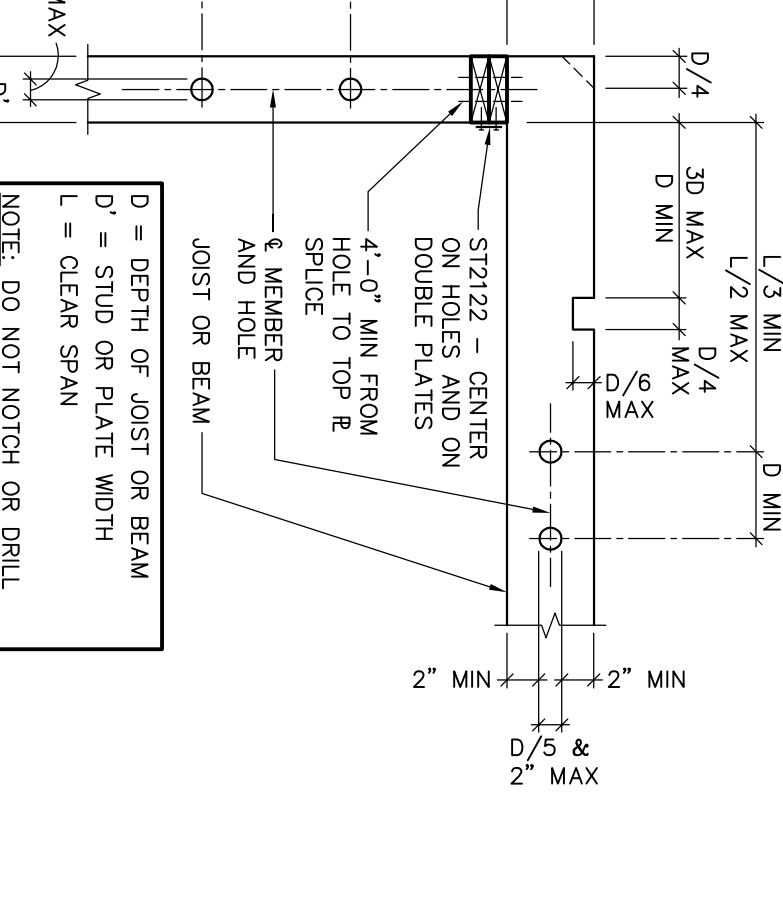
3 TYPICAL BEAM IN AND THRU STUD WALL



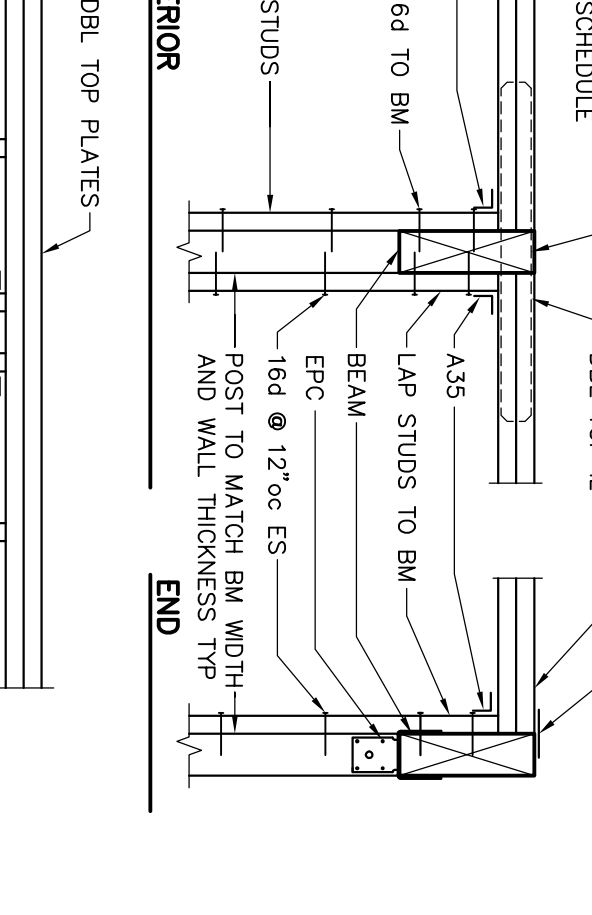
4 TYPICAL NON-STRUCTURAL STUD WALL DETAILS

MAX SPAN	NORMAL HEADER	DEPTH 1/2" BRG	DEPTH 1/4" NON-BRG
6'-0"	4x8 OR 6x8	4x8 OR 6x8	4x8 OR 6x8
8'-0"	4x10 OR 6x8	4x8 OR 6x8	4x8 OR 6x8
10'-0"	4x12 OR 6x10	4x10 OR 6x8	4x10 OR 6x8
12'-0"	4x14 OR 6x12	4x10 OR 6x8	4x10 OR 6x8

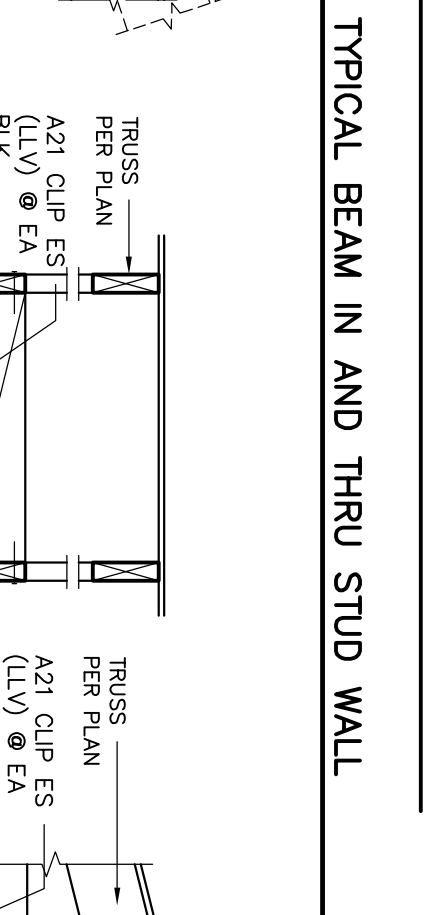
HEADER SCHEDULE



5 ISOLATED OPENING BETWEEN FRAMING UP TO 24"



6 CLOSELY SPACED OPENINGS BETWEEN FRAMING



7 TYPICAL OPENINGS IN HORIZONTAL DIAPHRAGMS

WADE DESIGN ARCHITECTS

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Project No: 10094
Date: 06.01.10
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SCALE: NONE

TYPICAL WOOD FRAMING DETAILS

S1.2

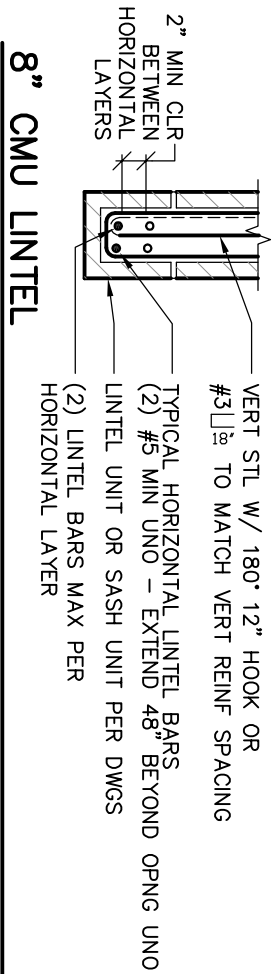
BAR SIZE	LAP SPLICE STD.	SPECIAL	MIN CLEARANCES OF REINFORCING STEEL
#3	15"	22 1/2"	CMU TO BAR 4" MIN BAR TO BAR 2" MIN
#4	20"	30"	
#5	25"	38"	NOTE: TYPICAL BEND RADII'S AND STD HOOKS ARE PER CONC REINFORCING NOTES AND DETAILS
#6	30"	45"	
#7	35"	53"	
#8	40"	60"	
#9	50"	68"	

* DENOTES "SPECIAL" REQUIREMENTS FOR LAP SPLICES AS FOLLOWS:

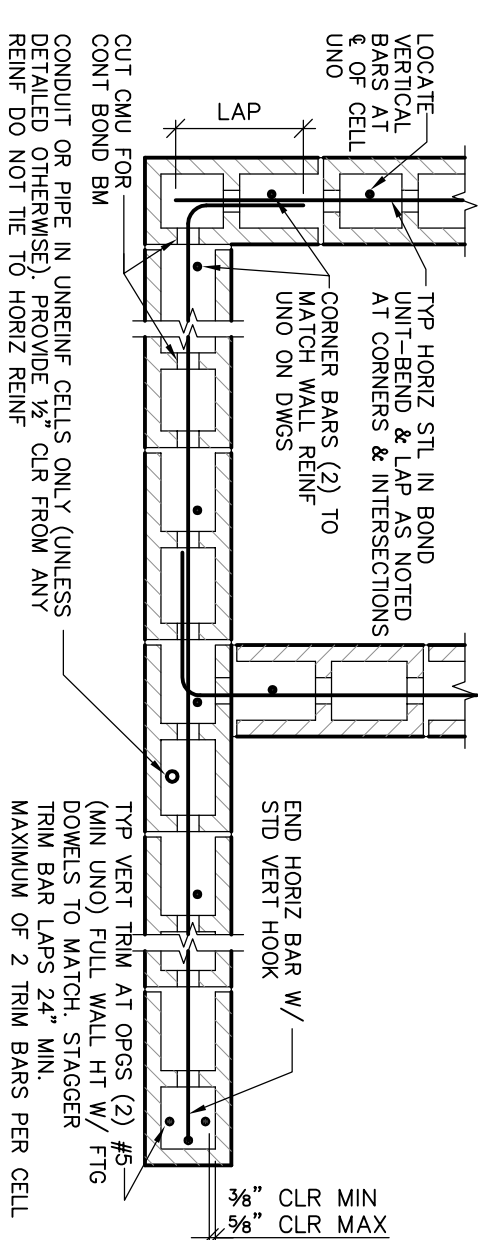
- TRIM BARS PER (2)
- HORIZ BARS WHERE NOTED.
- VERTICAL PLASTER REINFORCING
- BAR SPACED CLOSER THAN 3" (2" MIN) AND SPLICE ENDS OR BEGINNINGS ARE LESS THAN 24 BAR DIA'S APART
- BAR DESIGNATED AS GRADE 60
- WHERE VERTICAL REINF BARS ARE SPLICED WITHIN THE MIDDLE 1/3 OF THE WALL HEIGHT BETWEEN FLOORS OR FLOOR & ROOF.

1 TYPICAL LAP SPLICES IN MASONRY WALLS

40-00-01



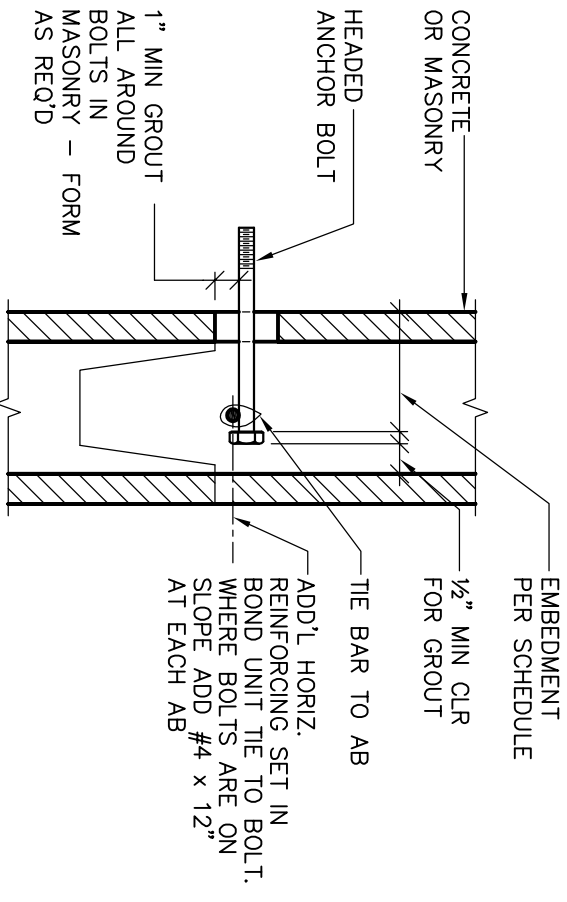
8" CMU LINTEL



8" CMU (PLAN VIEW) - SINGLE LAYER VERT REINF

2 8" CMU TYP REINF

40-00-02



8" CMU WALL EMBEDMENT	16" MIN PLASTER EMBEDMENT
5 1/2"	12"

- NOTE:
- USE TEMPLATE TO SET ALL BOLTS.
 - EMBEDMENT TOLERANCE IS 1/4" AND AS REQUIRED FOR CLEARANCE TO CMU.
 - AB'S SHALL PROJECT NOT LESS THAN 1/2" OR MORE THAN 1" BEYOND NUT. REMOVE EXCESS THREADS WHERE NUT IS TO BE COUNTERSUNK FLUSH

3 BOLT EMBEDMENT SCHEDULE

40-00-04

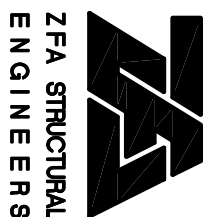
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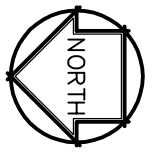
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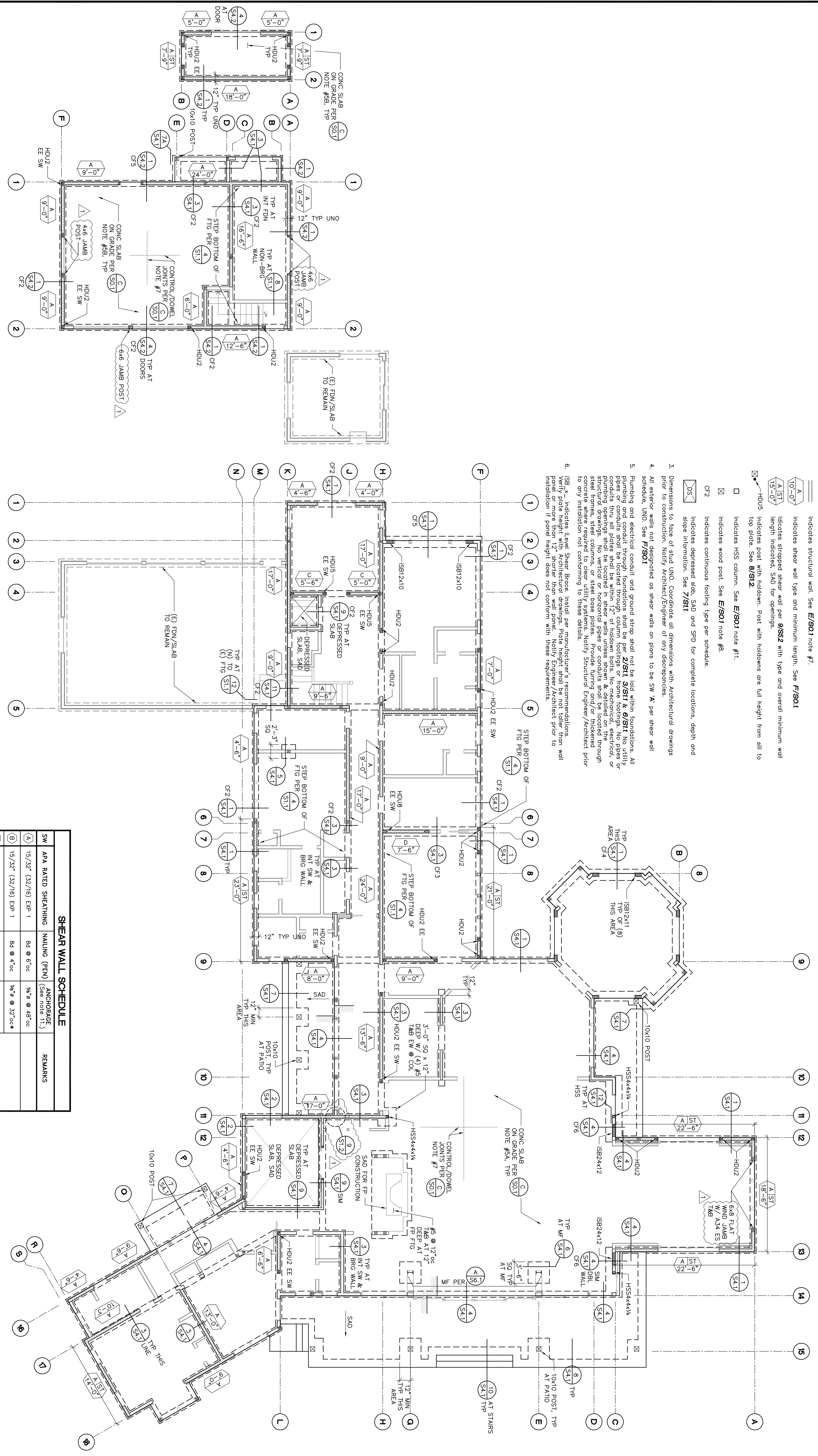
TYPICAL CMU DETAILS

SCALE : NONE

S1.3



FOUNDATION PLAN



FOUNDATION PLAN NOTES

1. Refer to sheets S01, S11, & S12 for standard notes and details.
2. Legend:
 - Indicates shear wall and see note #3 below.
 - Indicates structural wall. See E/SO1 note #7.
 - Indicates shear wall type and minimum length. See F/SO1.
 - Indicates stripped shear wall per 9/SS2 with type and overall minimum wall length indicated. SAD for openings.
 - Indicates post with holddown. Post with holddowns are full height from sill to top plate. See 8/S12.
 - Indicates HSS column. See E/SO1 note #11.
 - Indicates wood post. See E/SO1 note #8.
 - Indicates continuous footing type per schedule.
 - Indicates depressed slab. SAD and SPD for complete locations, depth and slope information. See 7/S11.
3. Dimensions to face of stud UNO. Coordinate all dimensions with Architectural drawings prior to construction. Notify Architect/Engineer of any discrepancies.
4. All exterior walls not designated as shear walls on plans to be SW 'A' per shear wall schedule. UNO. See F/SO1.
5. Plumbing and electrical conduit and ground strap shall not be laid within foundations. All pipes and electrical conduits shall be located through column footings or frame footings. No pipes or conduits thru sill plates shall be within 12" of holddown bolts. No mechanical, electrical, or plumbing openings shall be located in shear walls unless shown & detailed on the through wall schedule. All openings shall be detailed on the through wall schedule. Provide framing and/or thickened concrete where required to clear utility systems. Notify Structural Engineer/Architect prior to any installation not conforming to these details.
6. VSB 'x' indicates Level Shear Brace. Install per manufacturer's recommendations. Verify plate height with Architectural drawings. Plate height shall be not taller than wall panel or more than 12" shorter than wall panel. Notify Engineer/Architect prior to installation if panel height does not conform with these requirements.

SHEAR WALL SCHEDULE			
SW	APA RATED SHEATHING MAILING (PEN)	ANCHORAGE (See note 11)	REMARKS
(A)	15/32" (32/16) Exp 1	8d @ 6"oc	3/4" @ 48"oc
(B)	15/32" (32/16) Exp 1	8d @ 4"oc	3/4" @ 32"oc*
(C)	15/32" (32/16) Exp 1	8d @ 3"oc	3/4" @ 24"oc*
(D)	15/32" (32/16) Exp 1	8d @ 2"oc	3/4" @ 16"oc

* 2x foundation sill plate may be used if anchor bolt spacing is reduced by 1/2.

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

S2.1

FOUNDATION PLAN
SCALE: AS SHOWN

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UPPER FLOOR AND LOWER ROOF FRAMING PLAN NOTES

1. Refer to sheets S01 & S12 for standard notes and details.
2. Legend:

Indicates shear wall above and see note #6 below.

Indicates wall above. See E/S01 note #7.

Indicates structural wall below.

Indicates shear wall type and minimum length. See F/S01

Indicates stopped shear wall per 9/S92 with type and overall wall length

Indicates post with holddown. Beams with holddowns are full height from sill to top plate. See 7/S92. (See 8/S92 of holddown on beam).

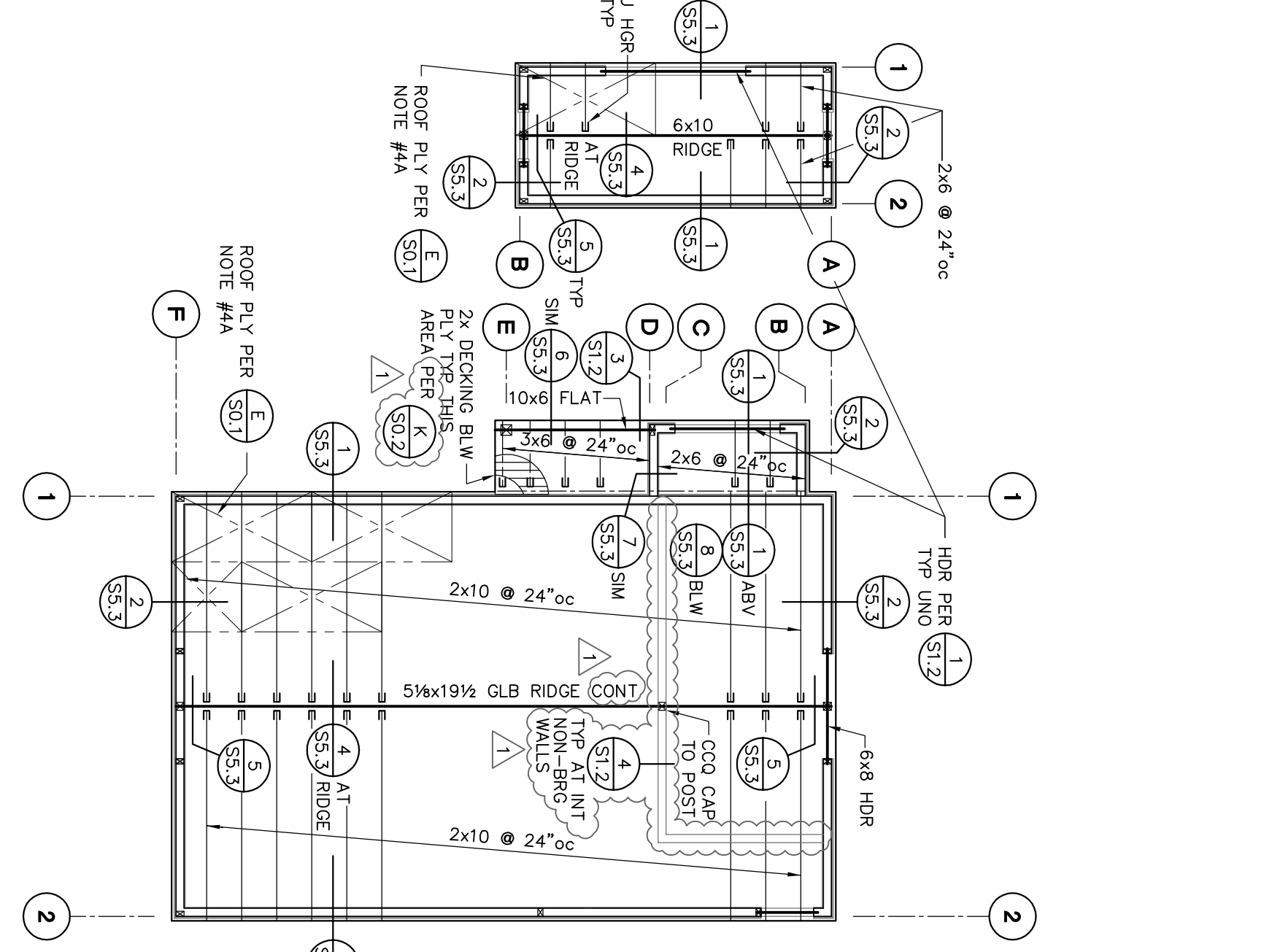
Indicates wood post below. See E/S01 note #8

Indicates approximate location, size and maximum weight of mechanical units. SAD for additional information.

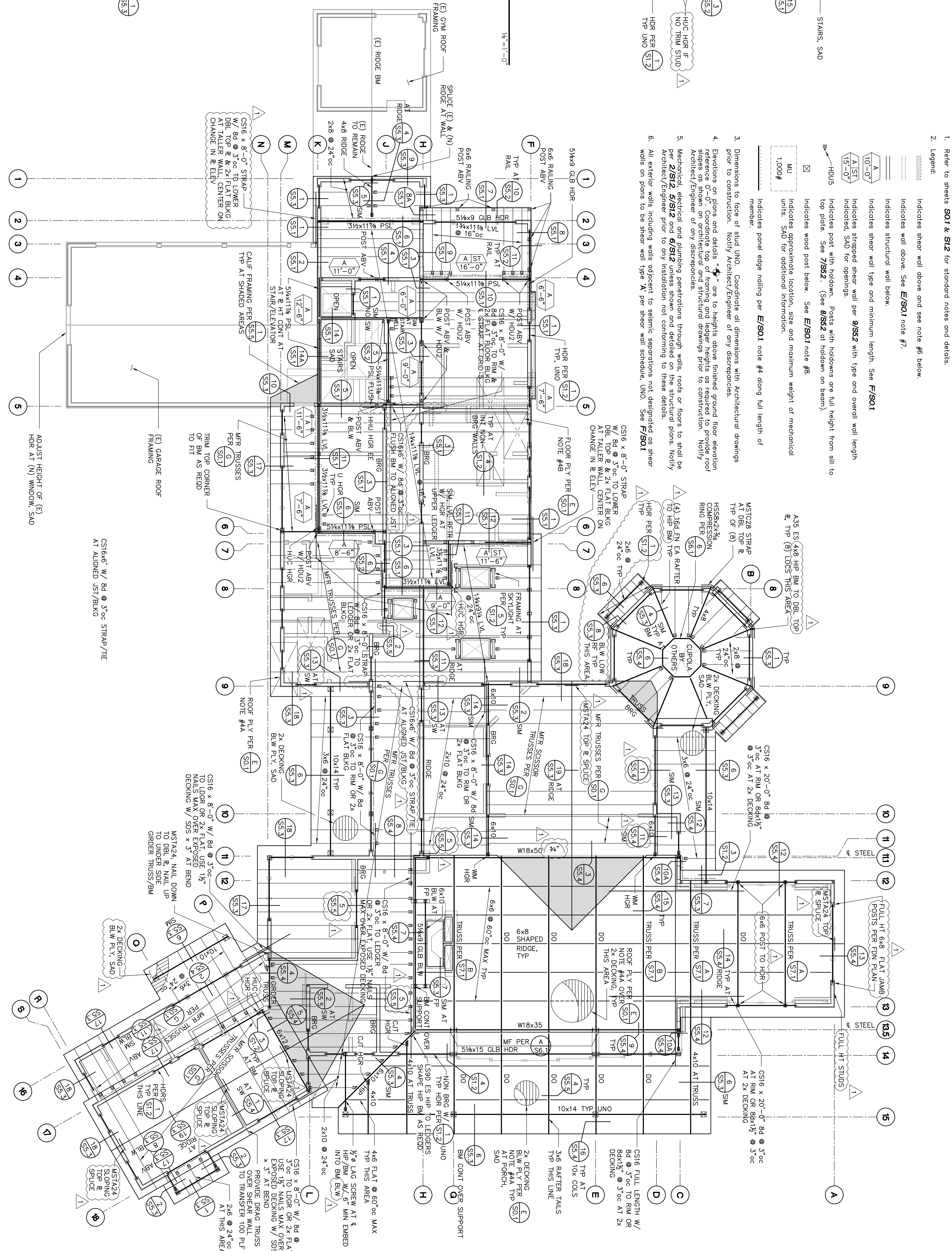
Indicates panel edge nailing per E/S01 note #4 along full length of member.

3. Dimensions to face of stud UNO. Coordinate all dimensions with Architectural drawings prior to construction. Notify Architect/Engineer of any discrepancies.
4. Elevations on plans and details are to heights above finished ground floor elevation reference 0=0. Coordinate top of framing and ledger heights as required to provide roof Architect/Engineer of any discrepancies.
5. Mechanical, electrical and plumbing penetrations through walls, roofs or floors to shall be Architect/Engineer prior to any installation not conforming to these details.
6. All exterior walls including walls adjacent to seismic separations UNO. See F/S01 walls on plans to be shear wall type A. See F/S01

GARAGE MEZZANINE FRAMING PLAN



SECOND FLOOR AND LOWER ROOF FRAMING PLAN



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

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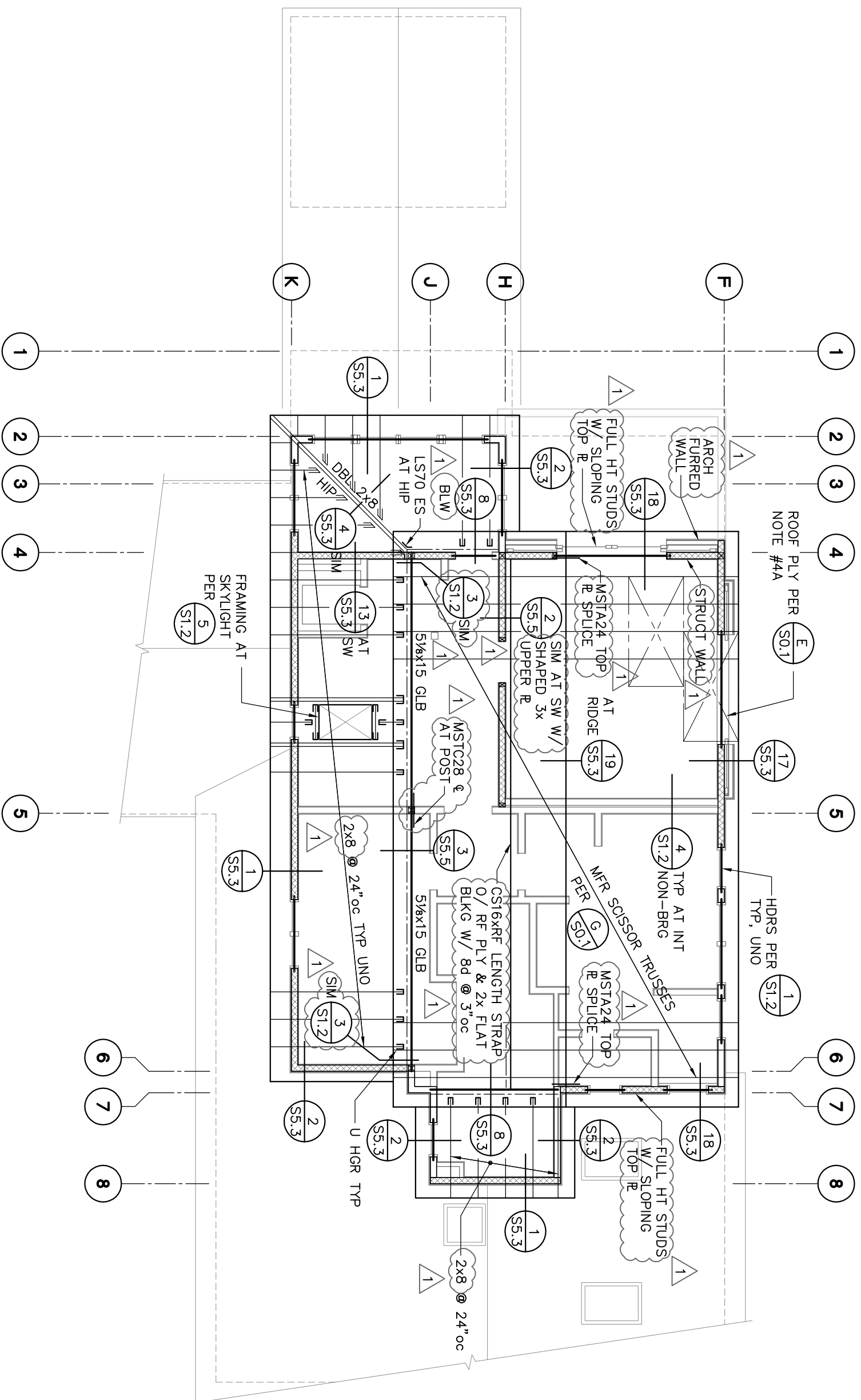
S2.2

SECOND FLOOR & LOWER ROOF FRAMING PLAN
 SCALE: AS SHOWN



UPPER ROOF FRAMING PLAN

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



UPPER ROOF FRAMING PLAN NOTES

1. Refer to sheets **S01** & **S12** for standard notes and details.
2. Legend:
 - Indicates shear wall below, see Upper Floor Framing Plan for more information.
 - Indicates structural wall below.
 - Indicates wood post. See **E/S01** note #8.
 - MU Indicates approximate location, size and maximum weight of mechanical units. SAD for additional information.
 - Indicates panel edge nailing per **E/S01** note #4 along full length of member.
3. Dimensions to face of stud UNO. Coordinate all dimensions with Architectural drawings prior to construction. Notify Architect/Engineer of any discrepancies.
4. Elevations on plans and details "0'-0" are to heights above finished ground floor elevation reference 0'-0". Coordinate top of framing and ledger heights as required to provide roof slopes as shown on architectural and structural drawings prior to construction. Notify Architect/Engineer of any discrepancies.
5. Mechanical, electrical and plumbing penetrations through walls, roofs or floors to shall be per **S/S12**, **G/S12** and **O/S12** unless shown and detailed on the structural plans. Notify Architect/Engineer prior to any installation not conforming to these details.
6. All exterior walls including walls adjacent to seismic separations not designated as shear walls on plans to be shear wall type 'A' per shear wall schedule, UNO. See **F/S01**.

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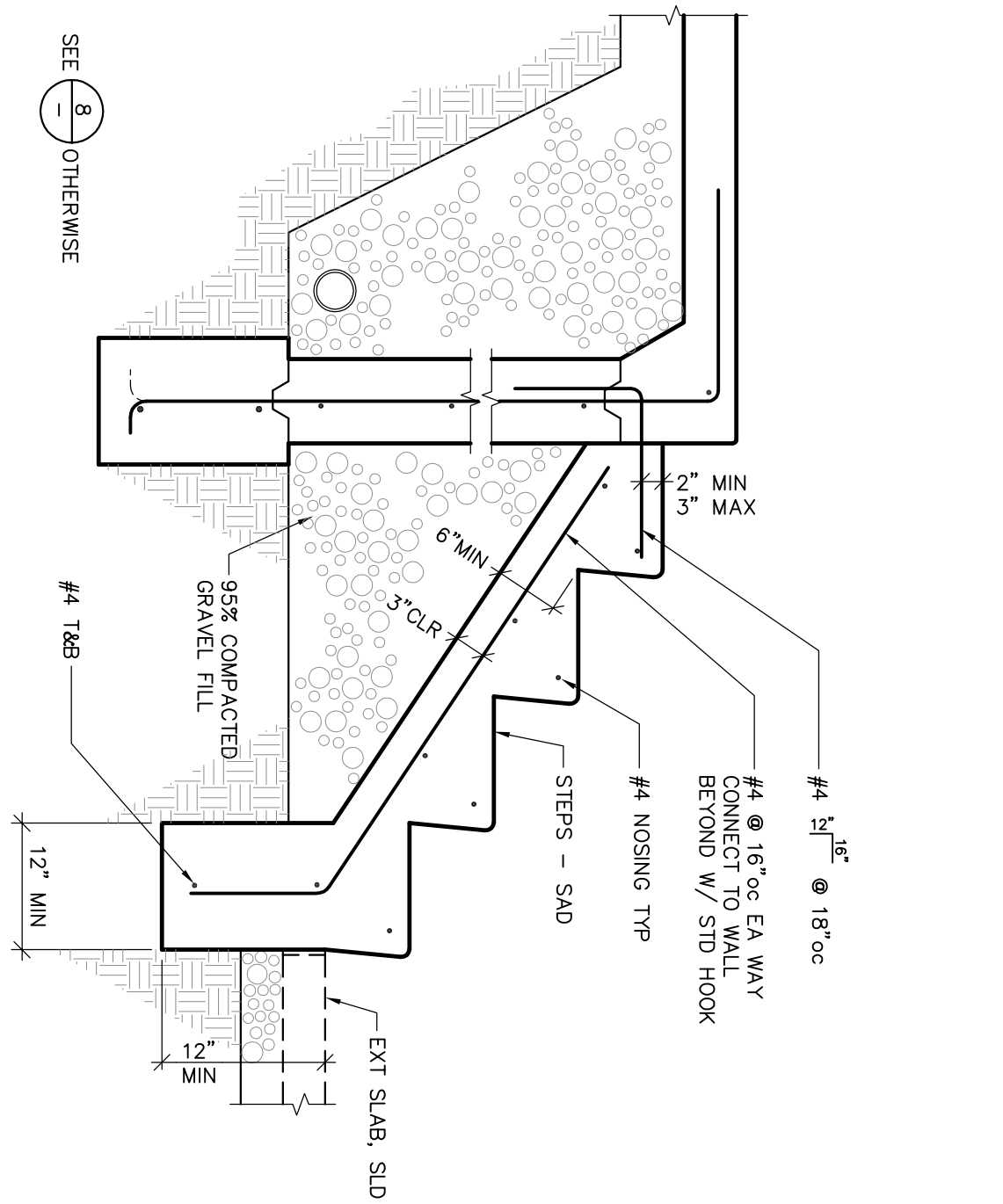
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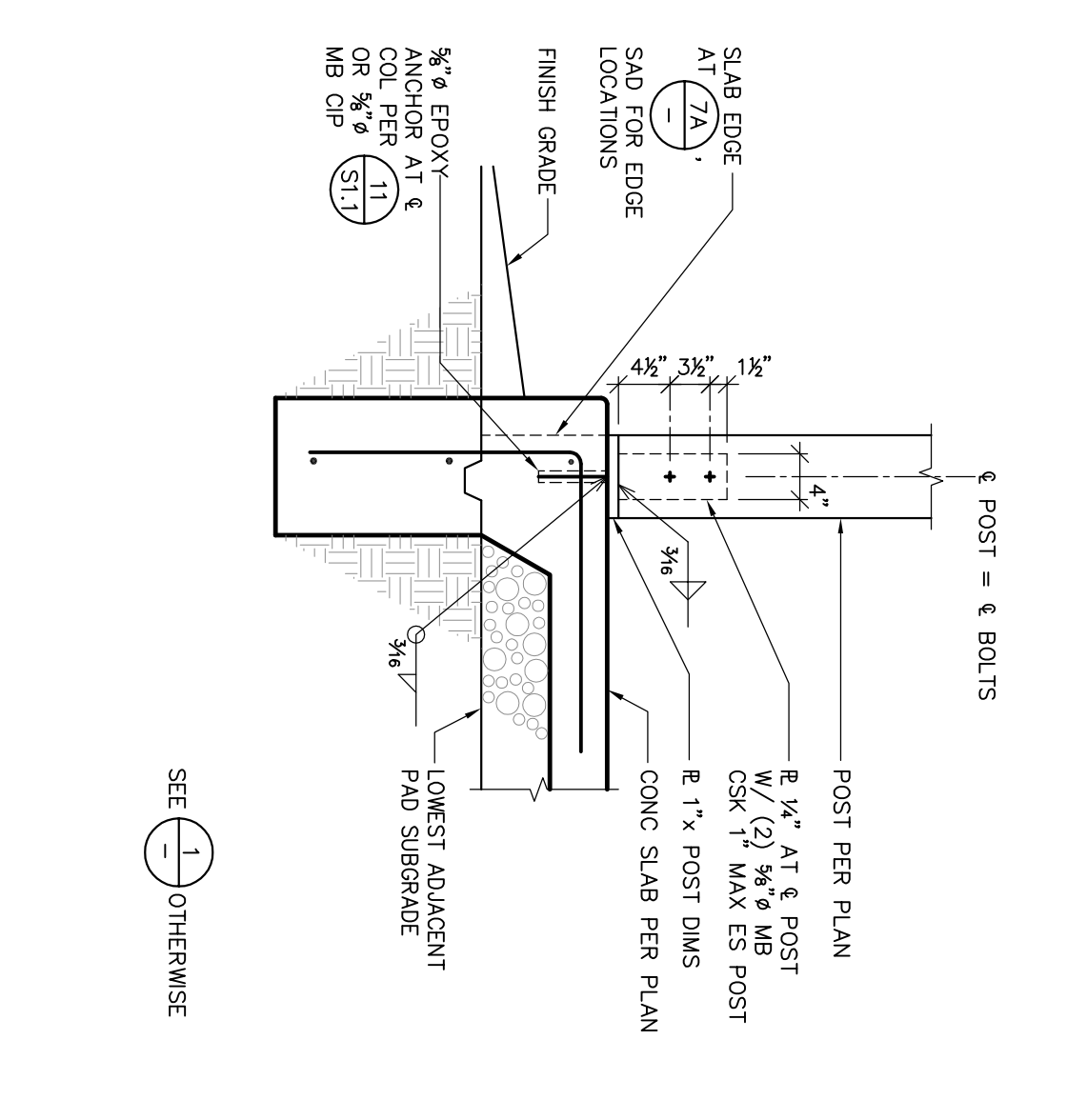
UPPER ROOF FRAMING PLAN

SCALE : AS SHOWN

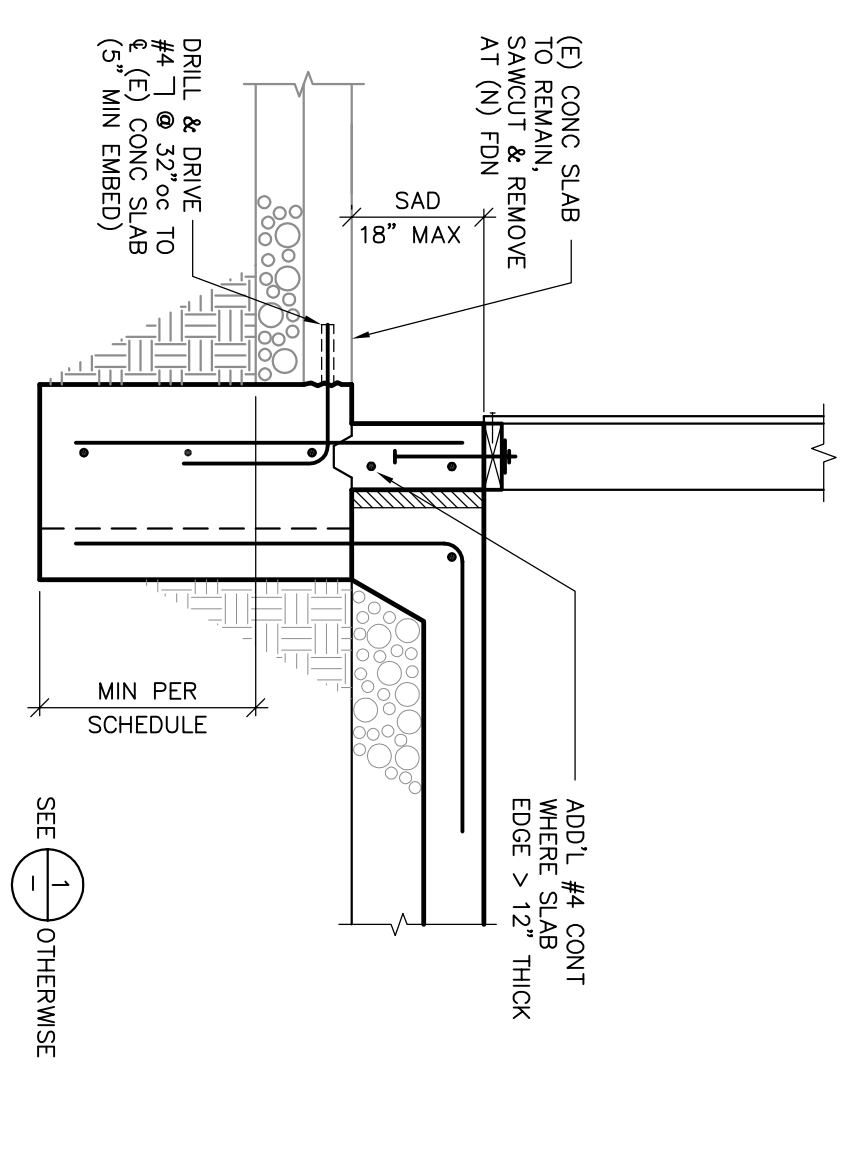
S2.3



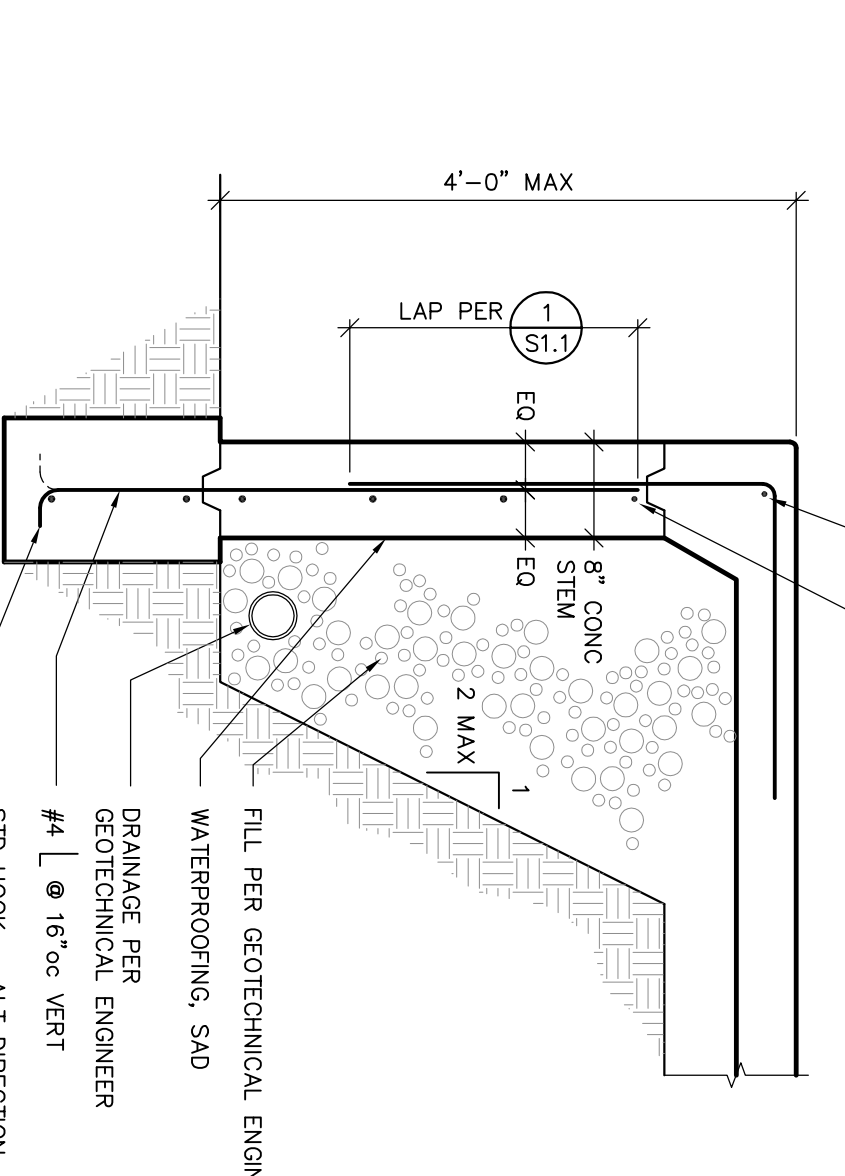
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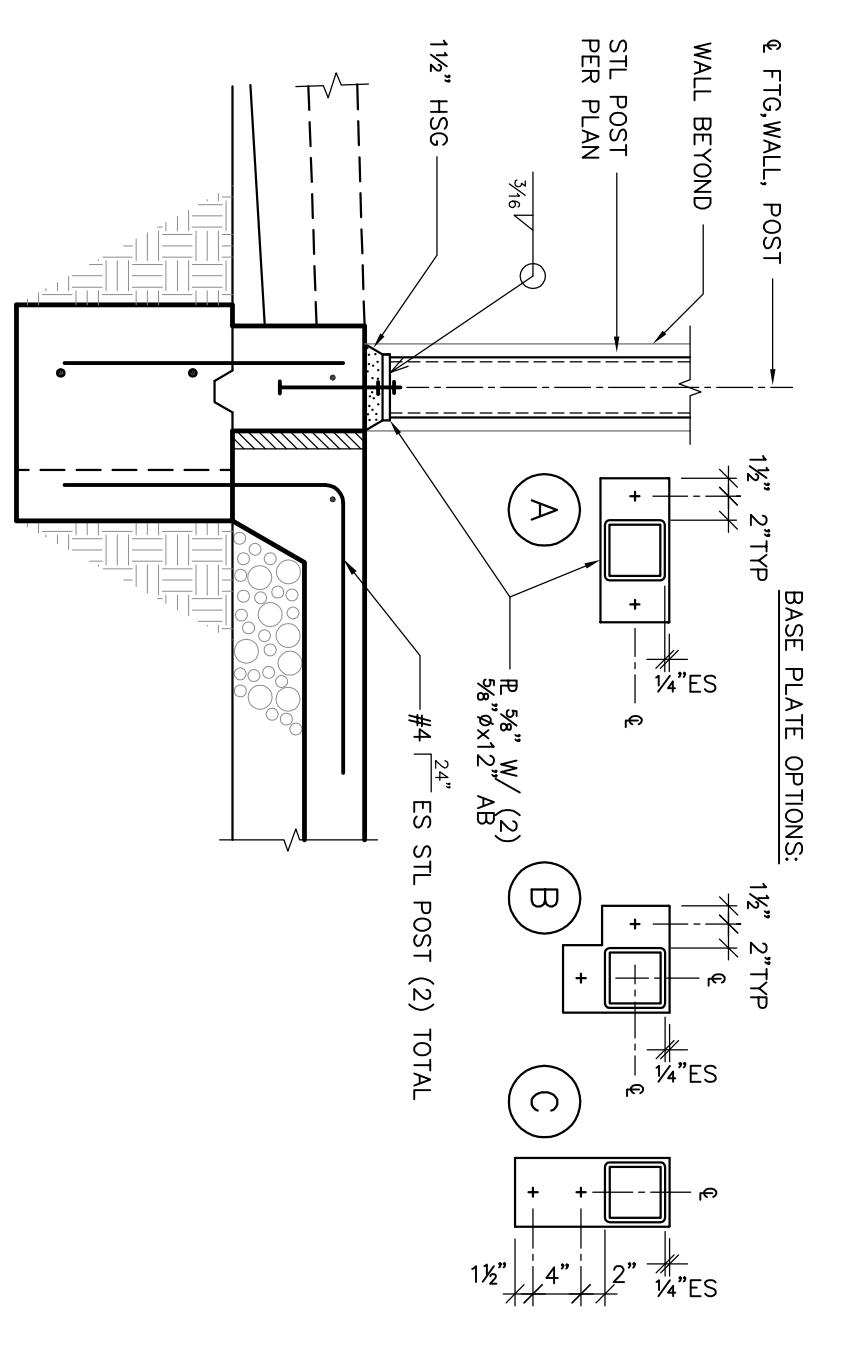
7 7A SCALE: 3/4"=1'-0"



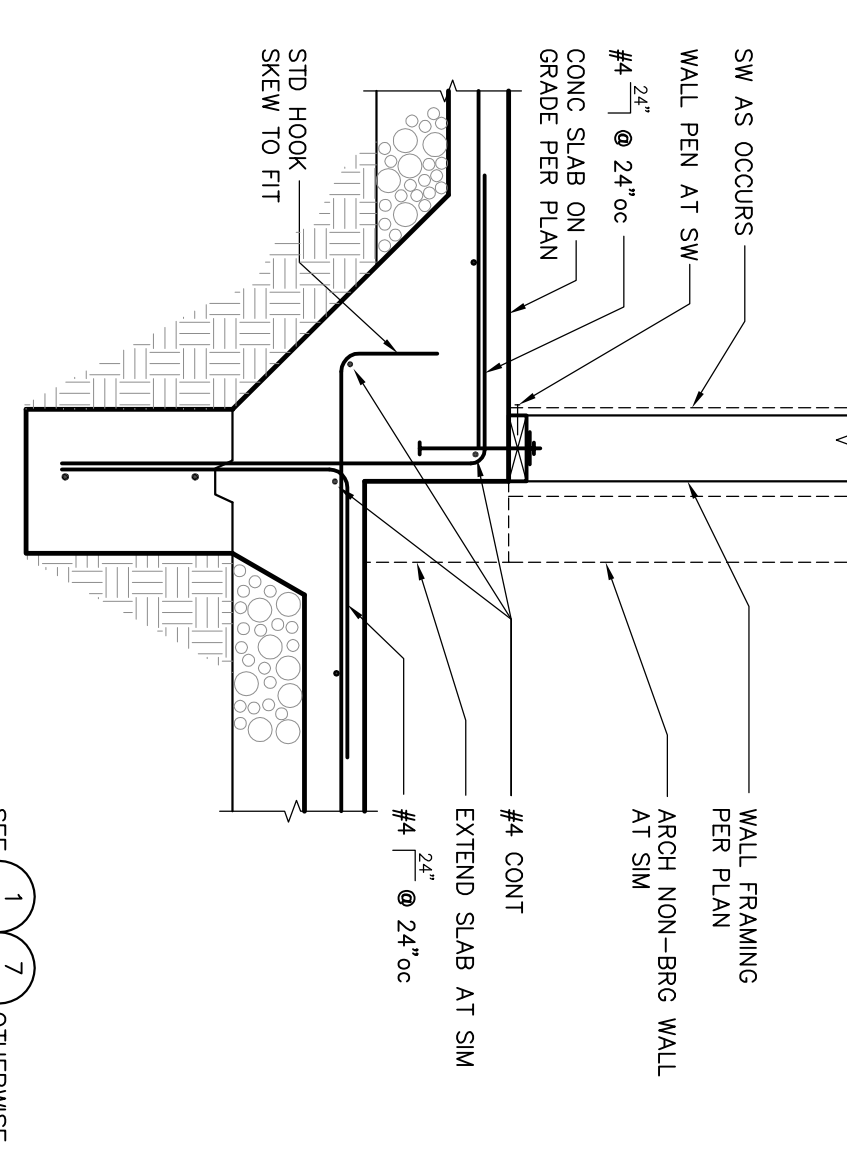
11 SCALE: 3/4"=1'-0"



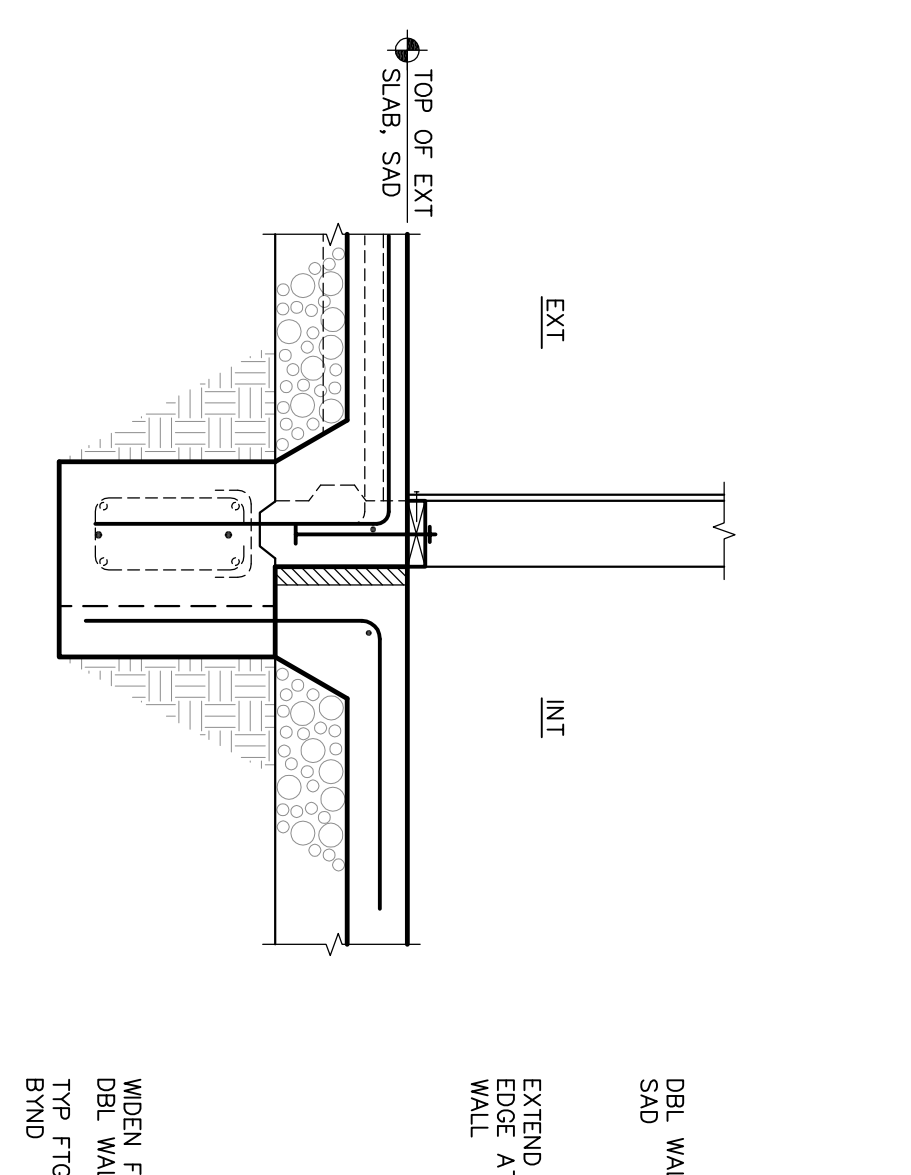
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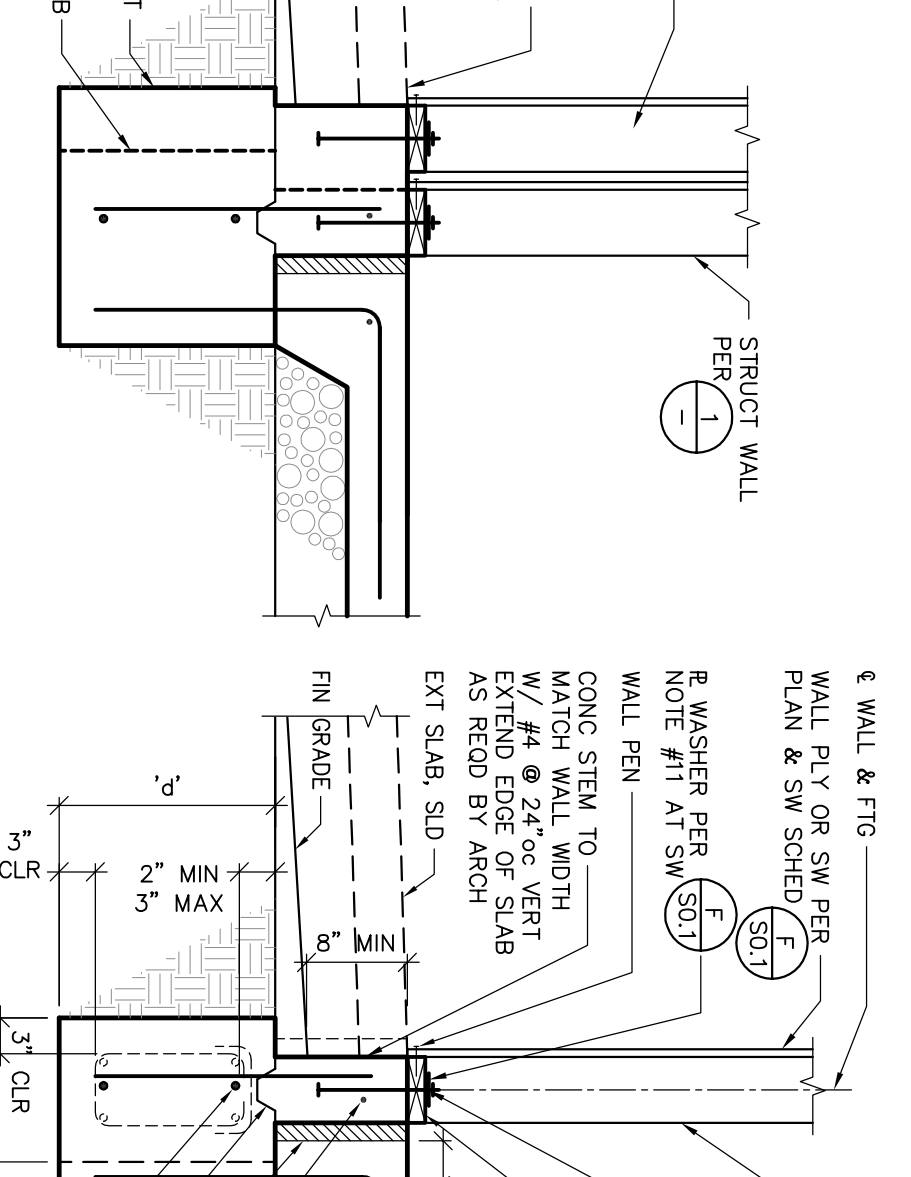
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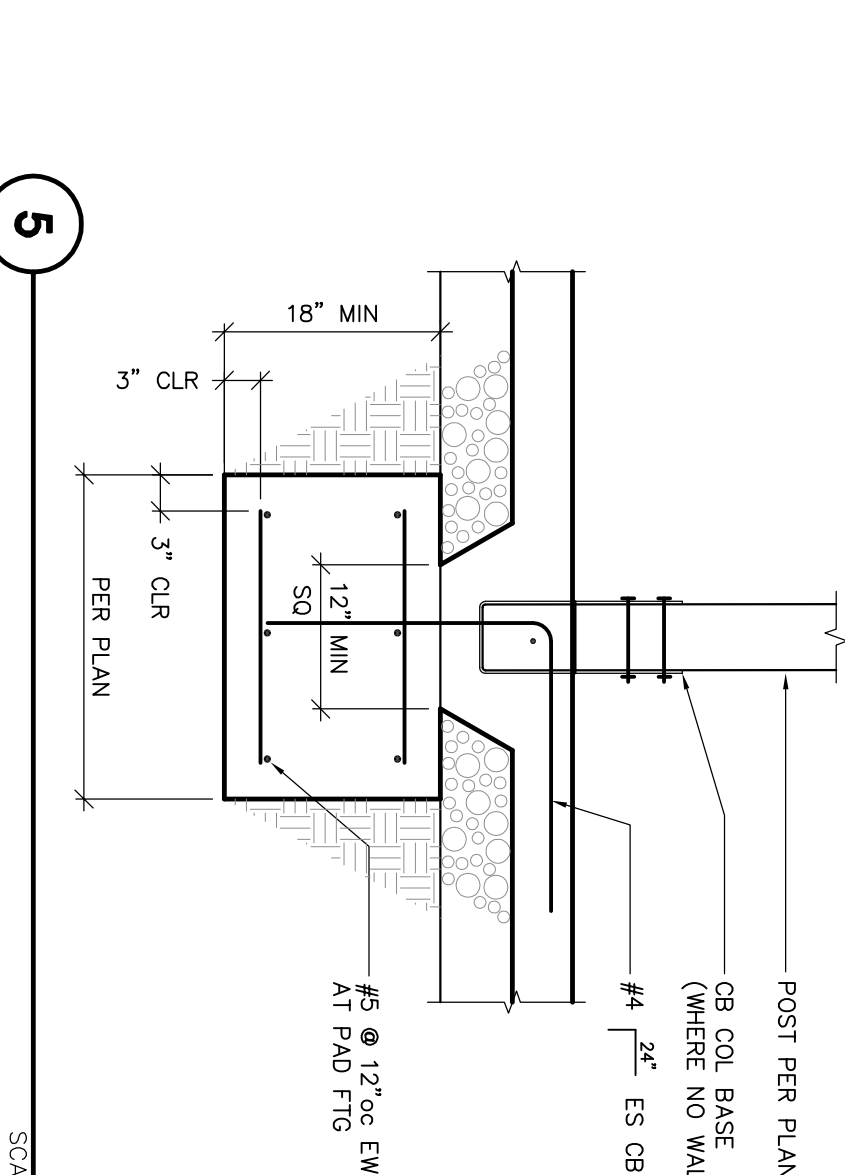
9 SCALE: 3/4"=1'-0"



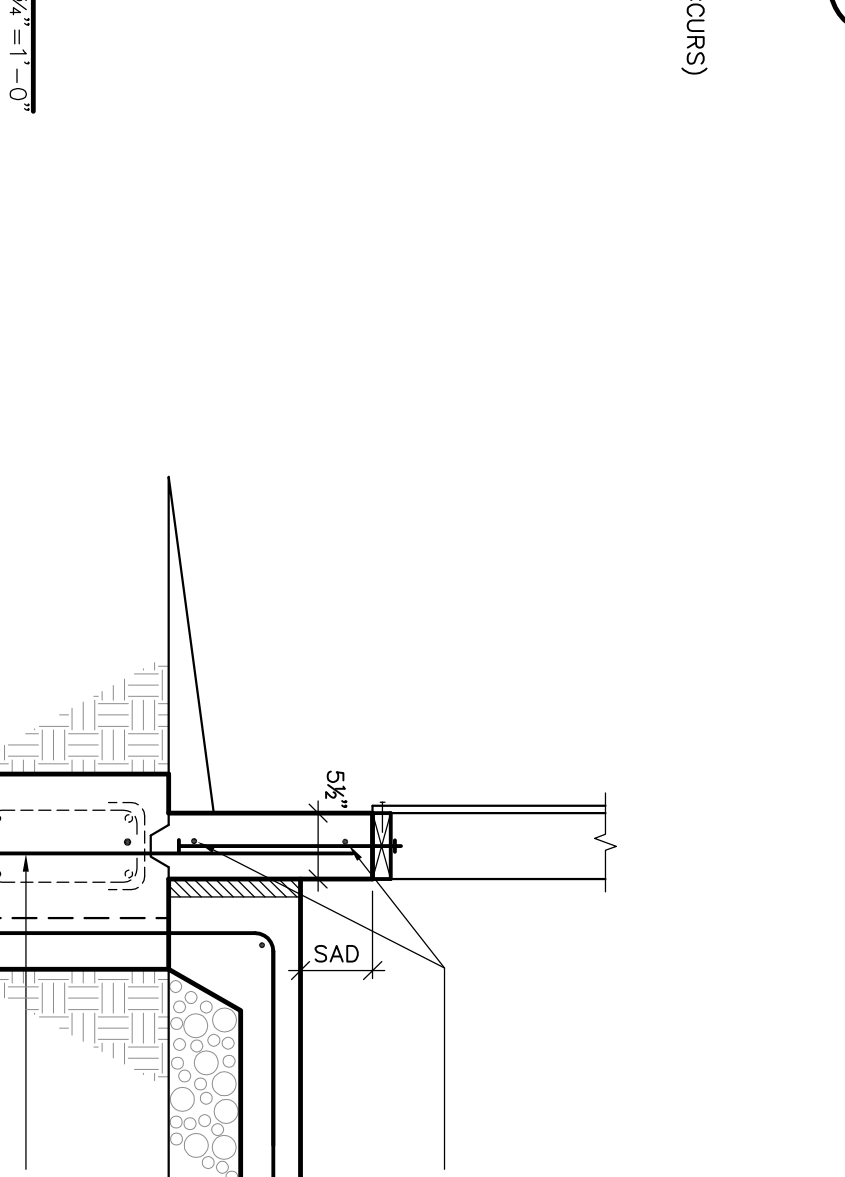
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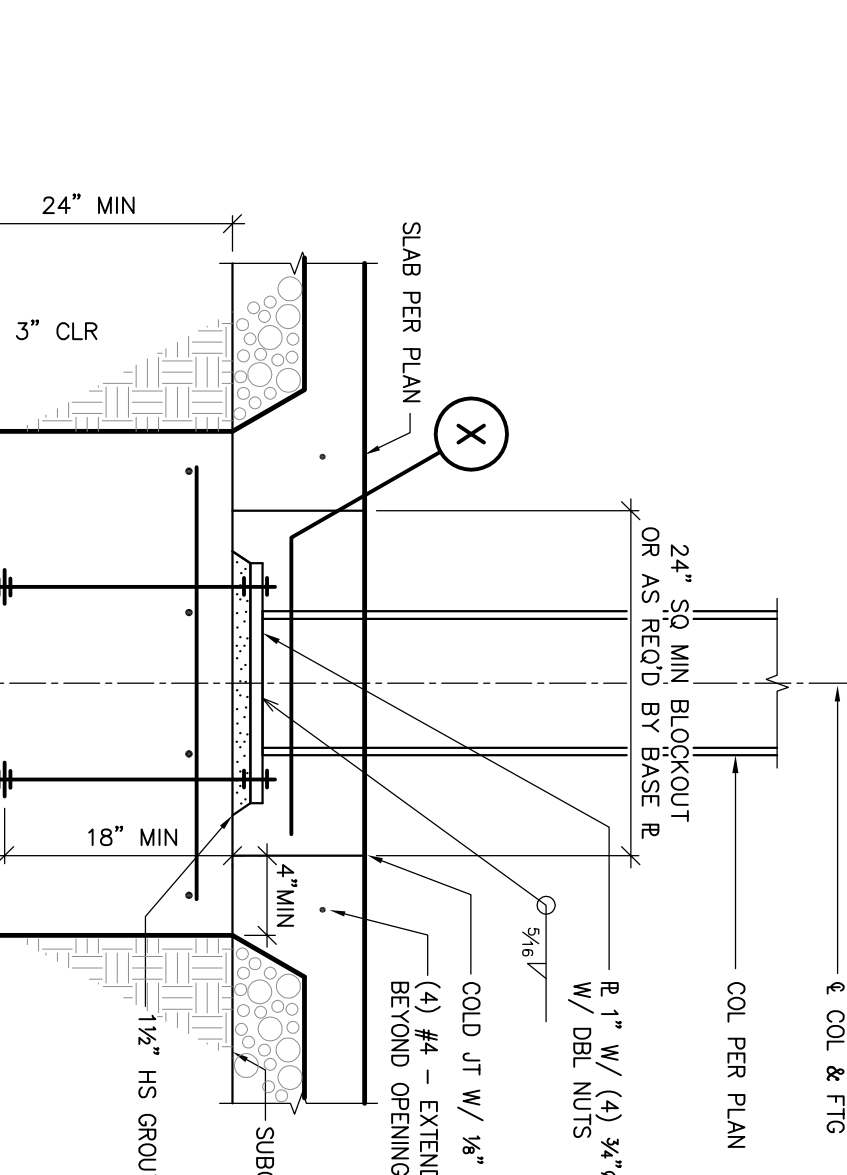
1 SCALE: 3/4"=1'-0"



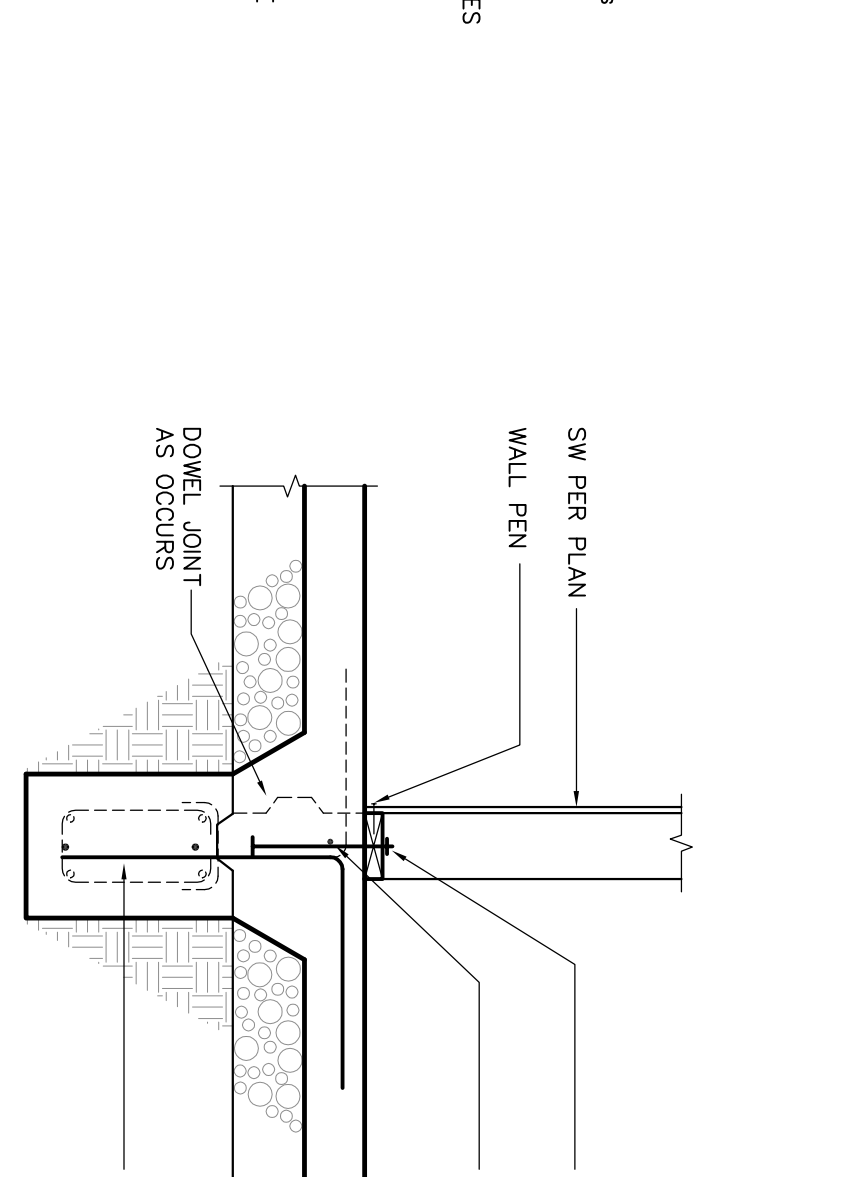
5 SCALE: 3/4"=1'-0"



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



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



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

FOOTING SCHEDULE

MARK	b'	d'	o'	NOTES
CF1	12"	12"	(1)	#5 T&B TYP UNO
CF2	12"	18"	(1)	#5 T&B
CF3	18"	18"	(2)	#5 T&B
CF4	22"	12"	(3)	#5 T&B #3 TRS PER
CF5	22"	18"	(3)	#5 T&B
CF6	32"	12"	(4)	#5 T&B

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

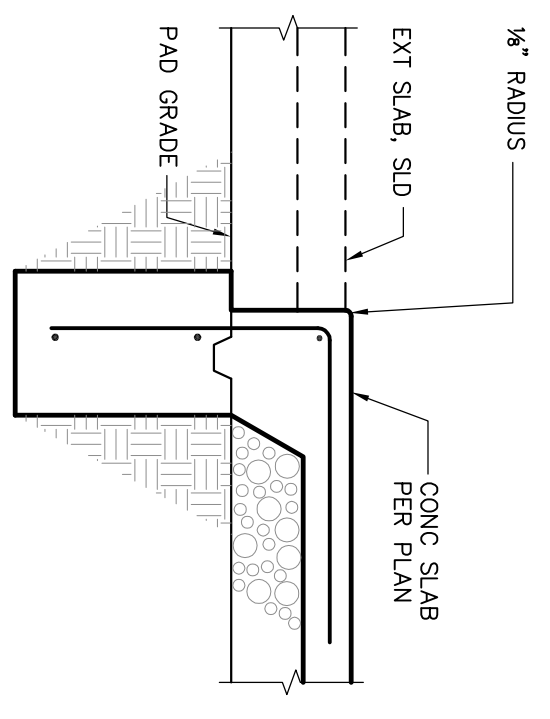
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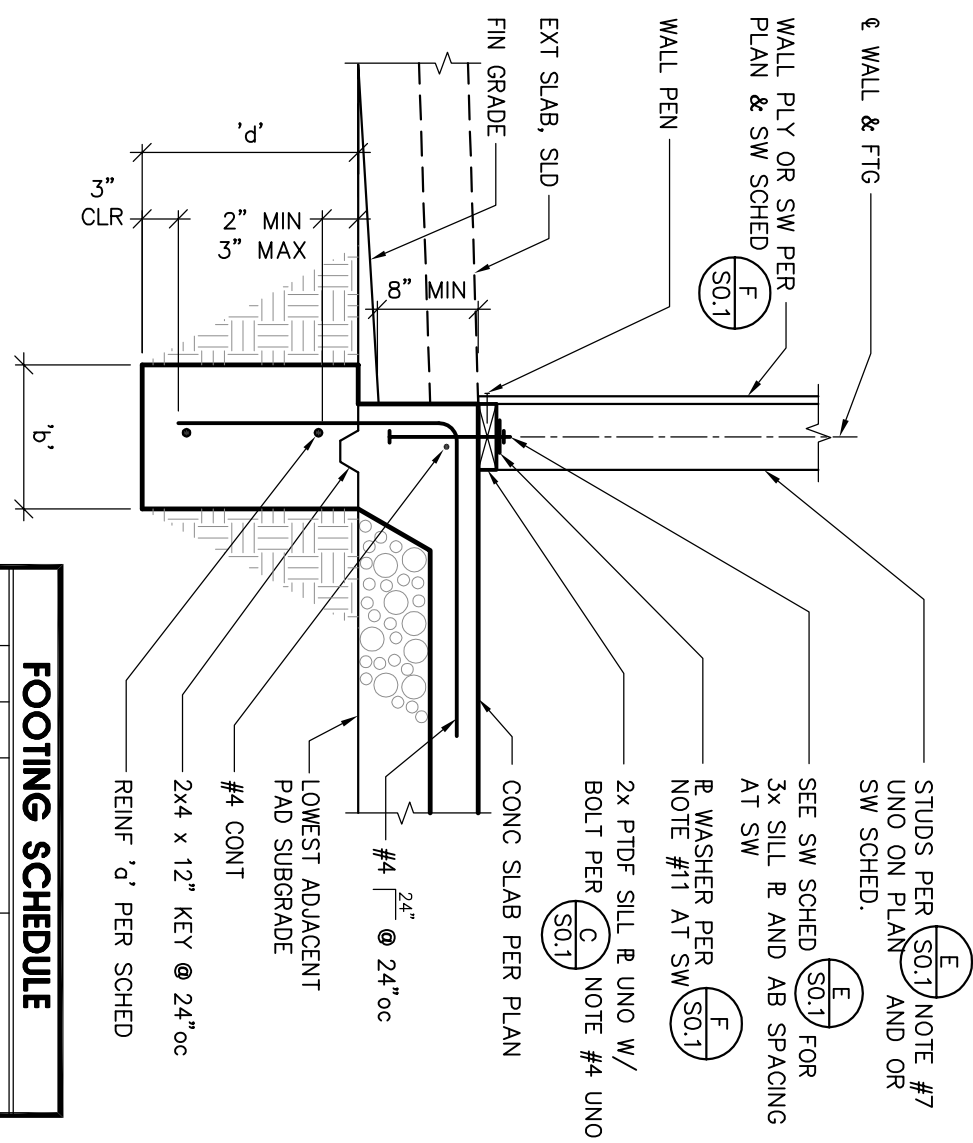
S4.1



SEE 1 OTHERWISE

4

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



FOOTING SCHEDULE			
MARK	b'	d'	NOTES
CF1	12"	12" (1)	#5 T&B TRP UNO
CF2	12"	18" (1)	#5 T&B

1

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

2 NOT USED

3 NOT USED

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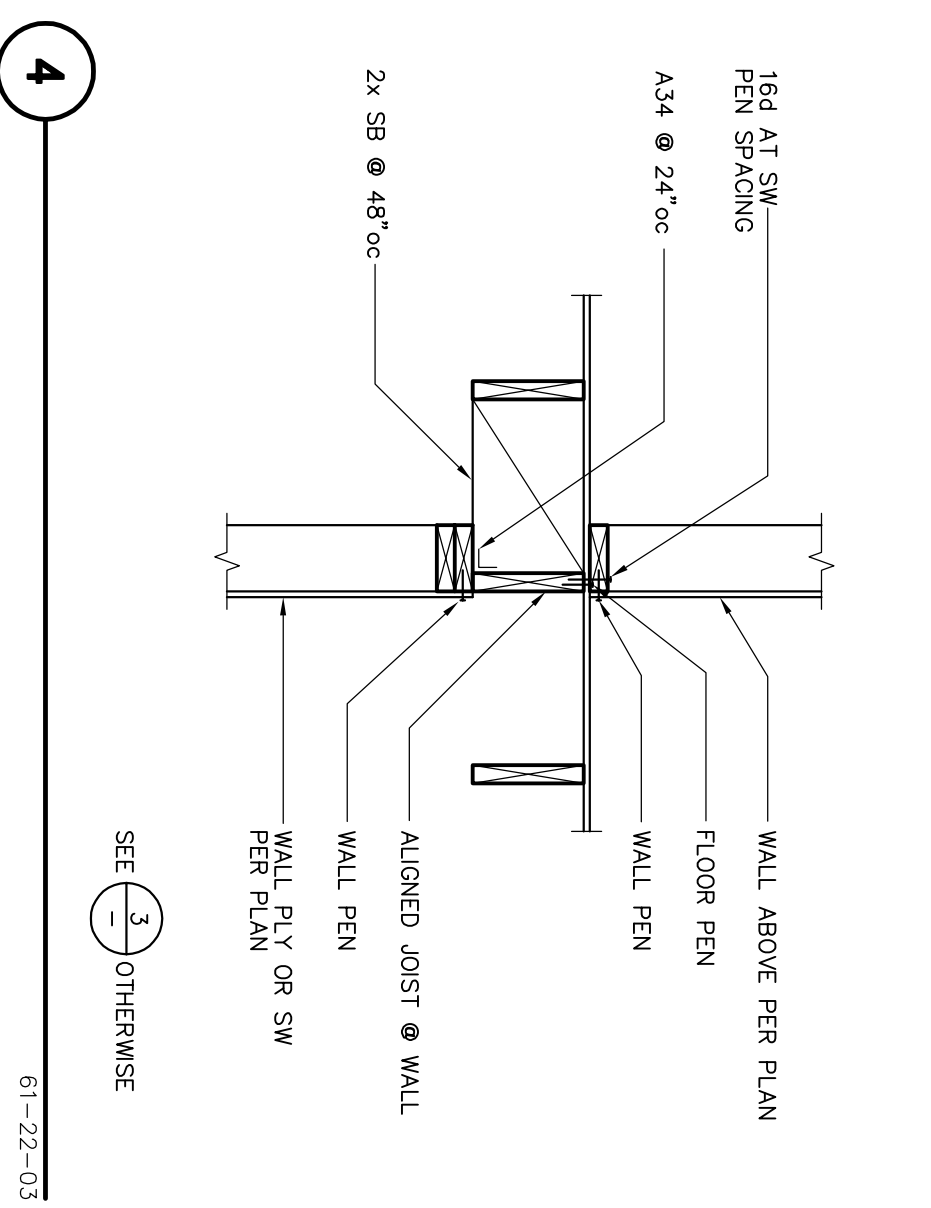
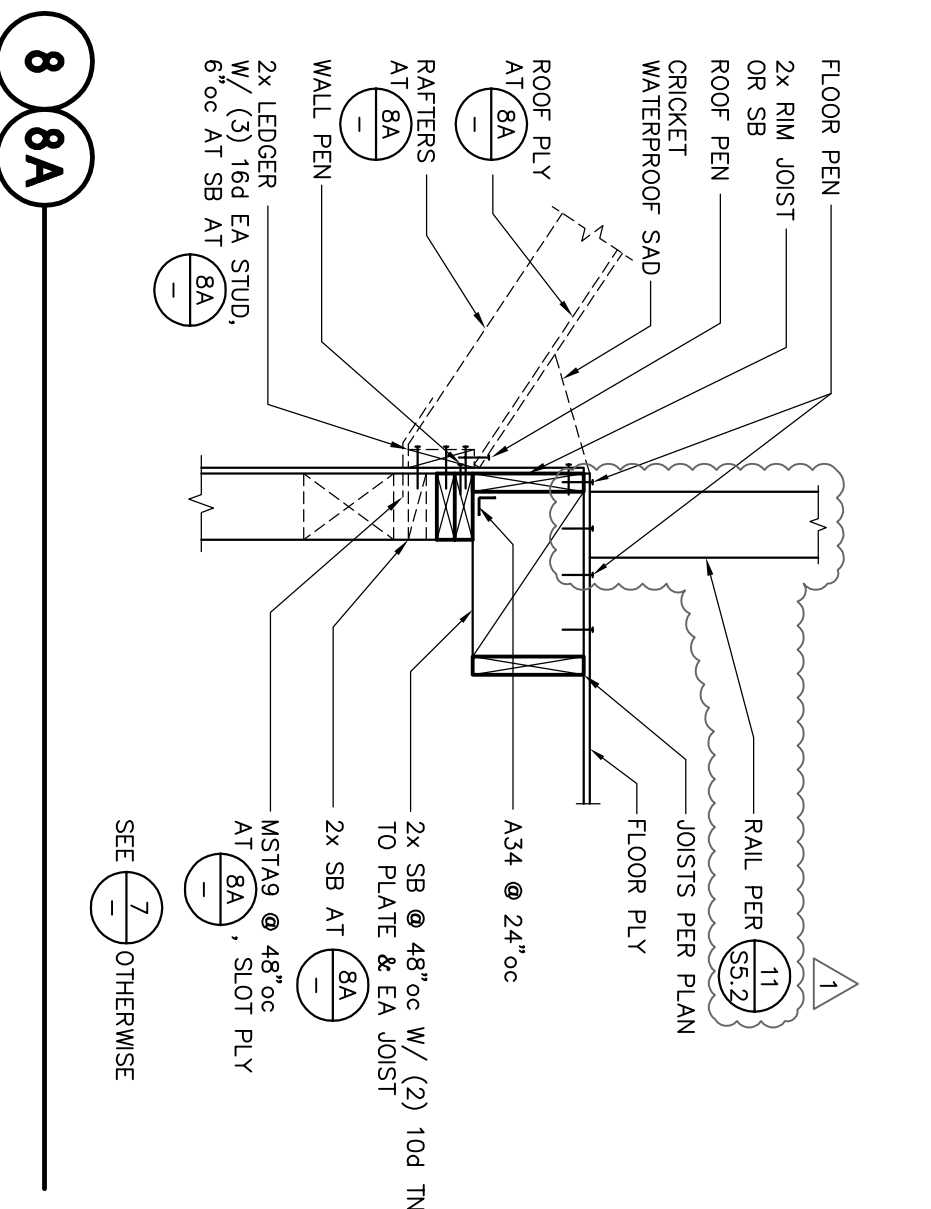
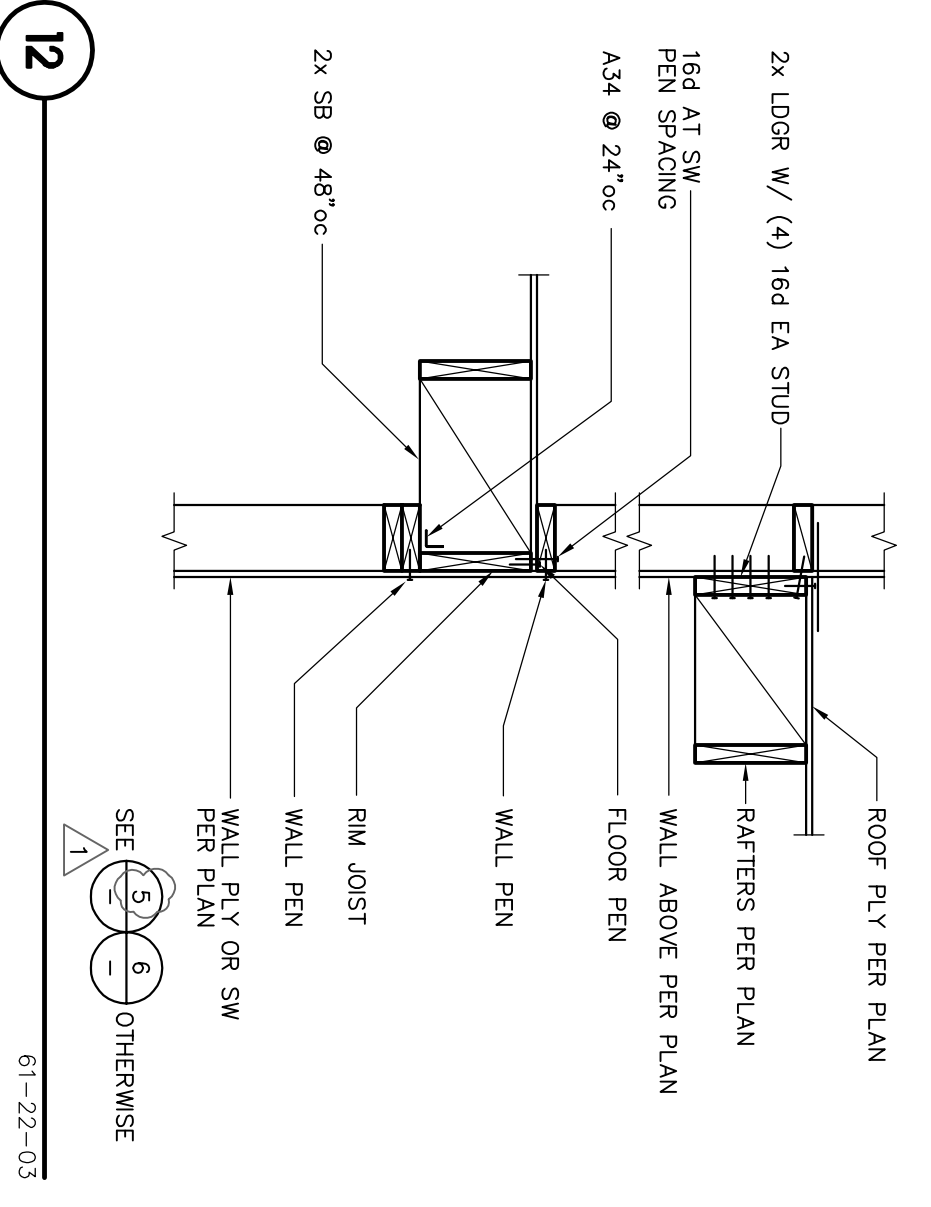
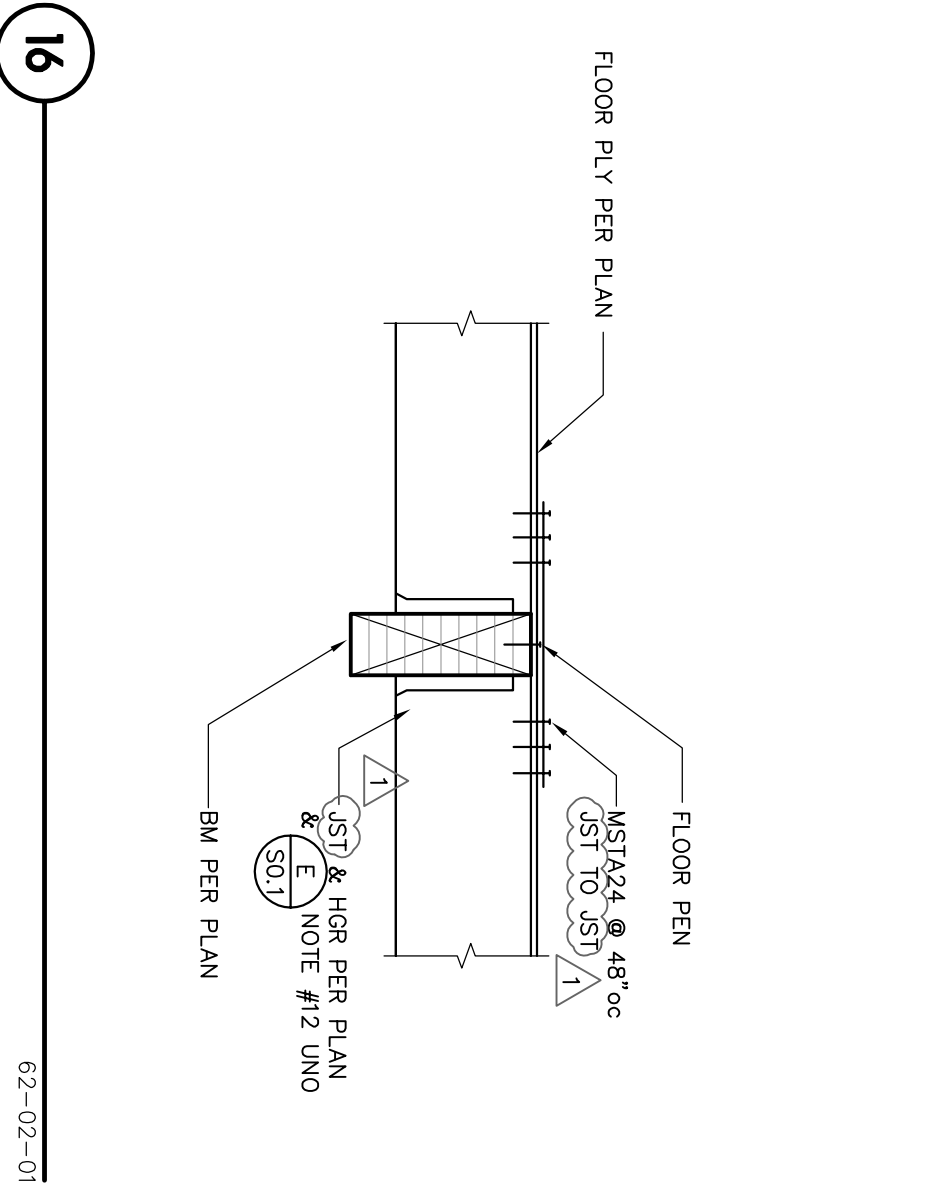
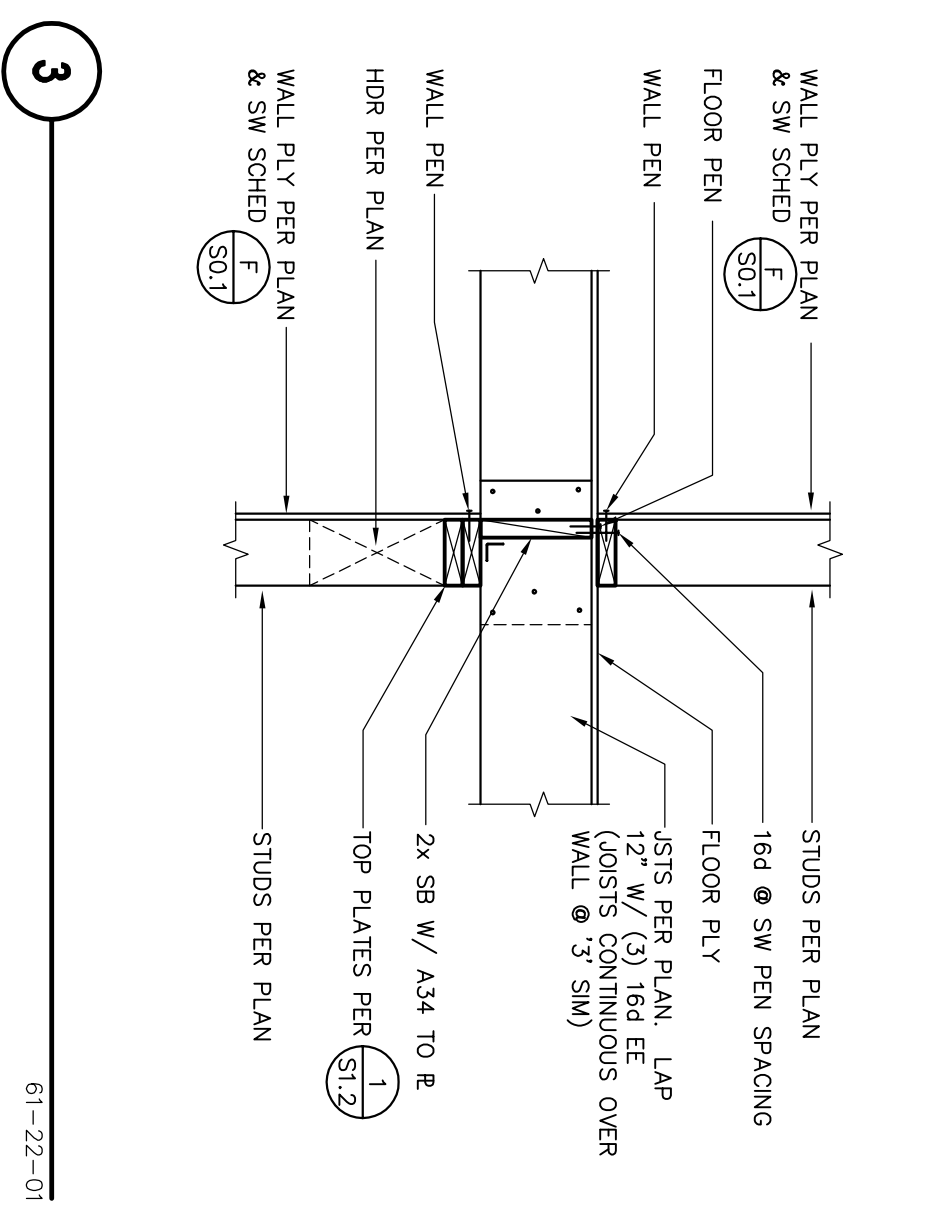
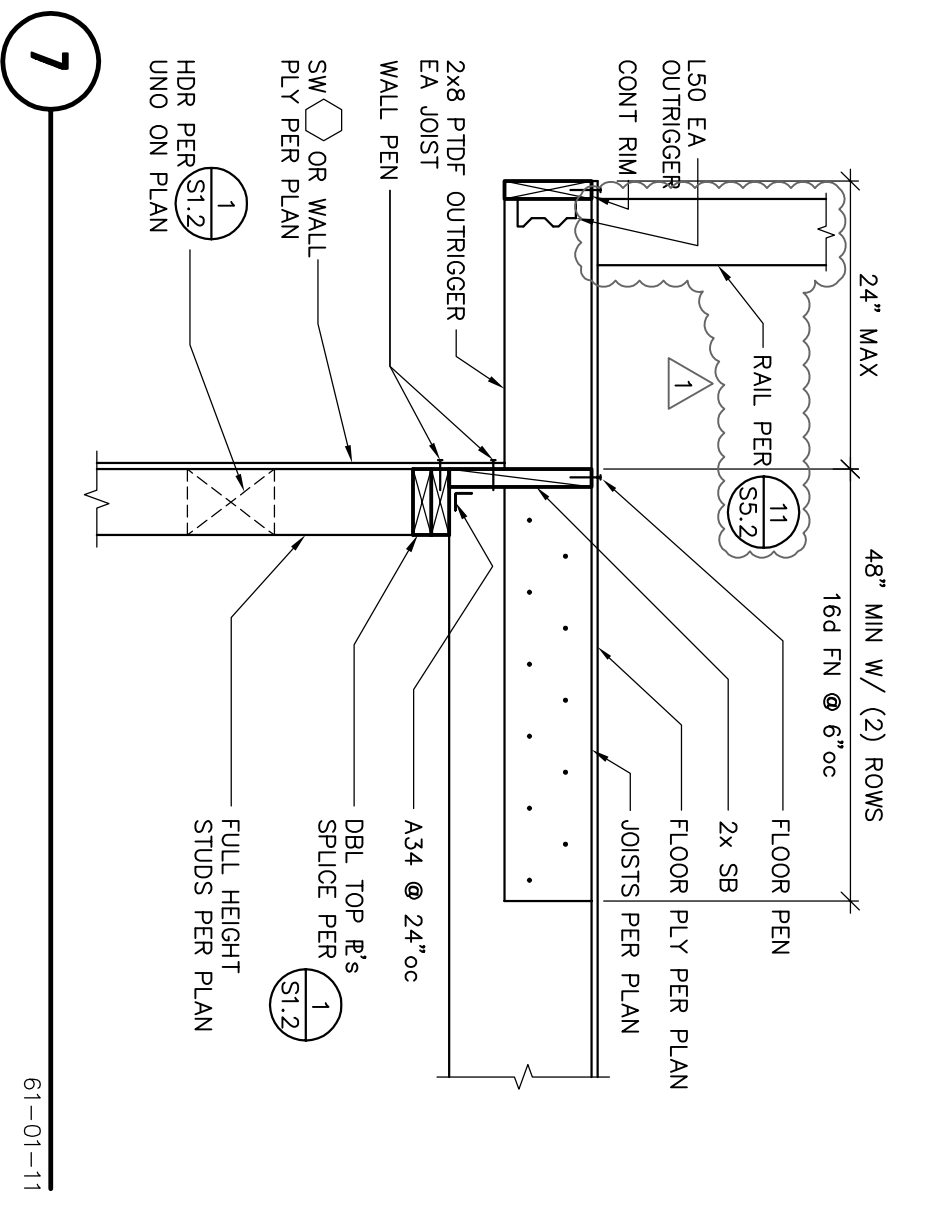
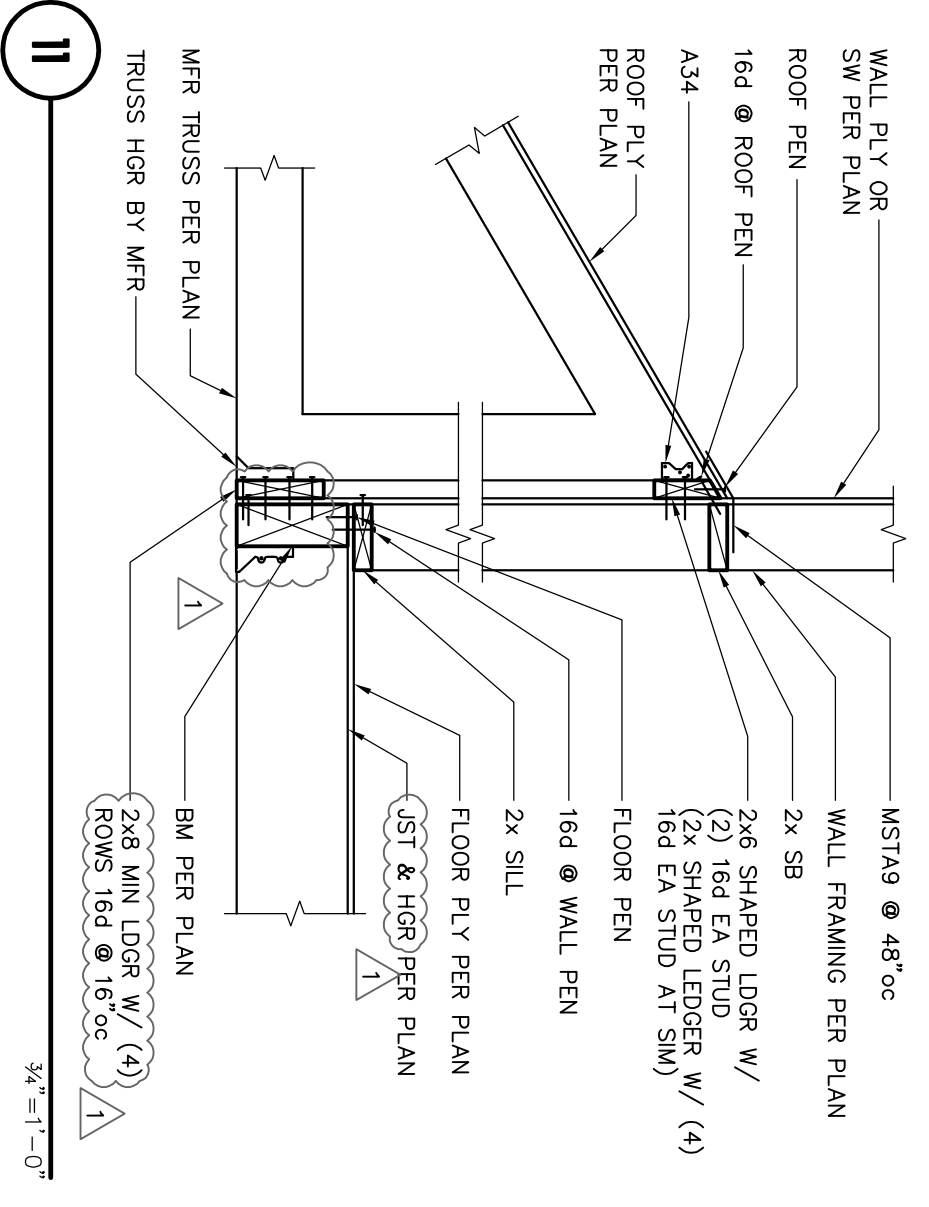
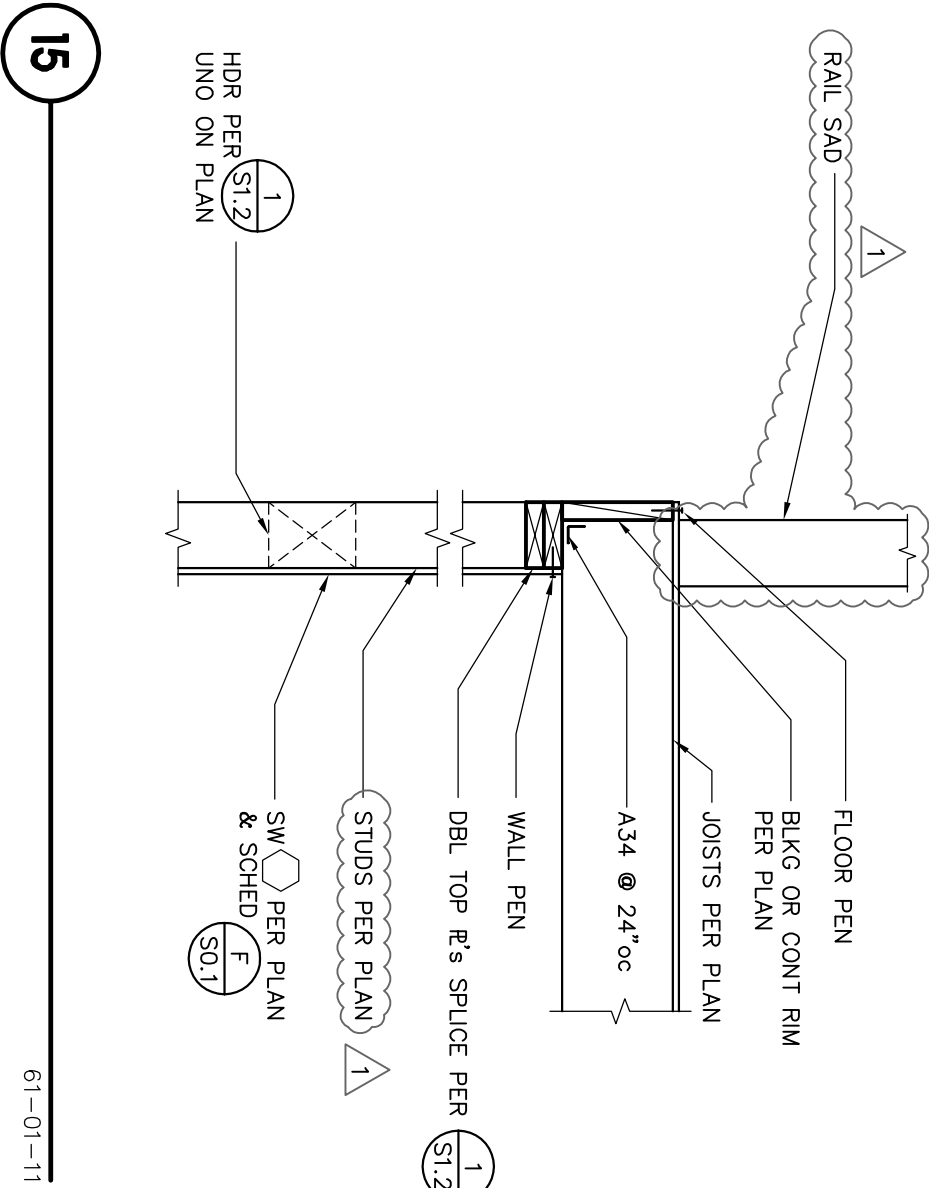
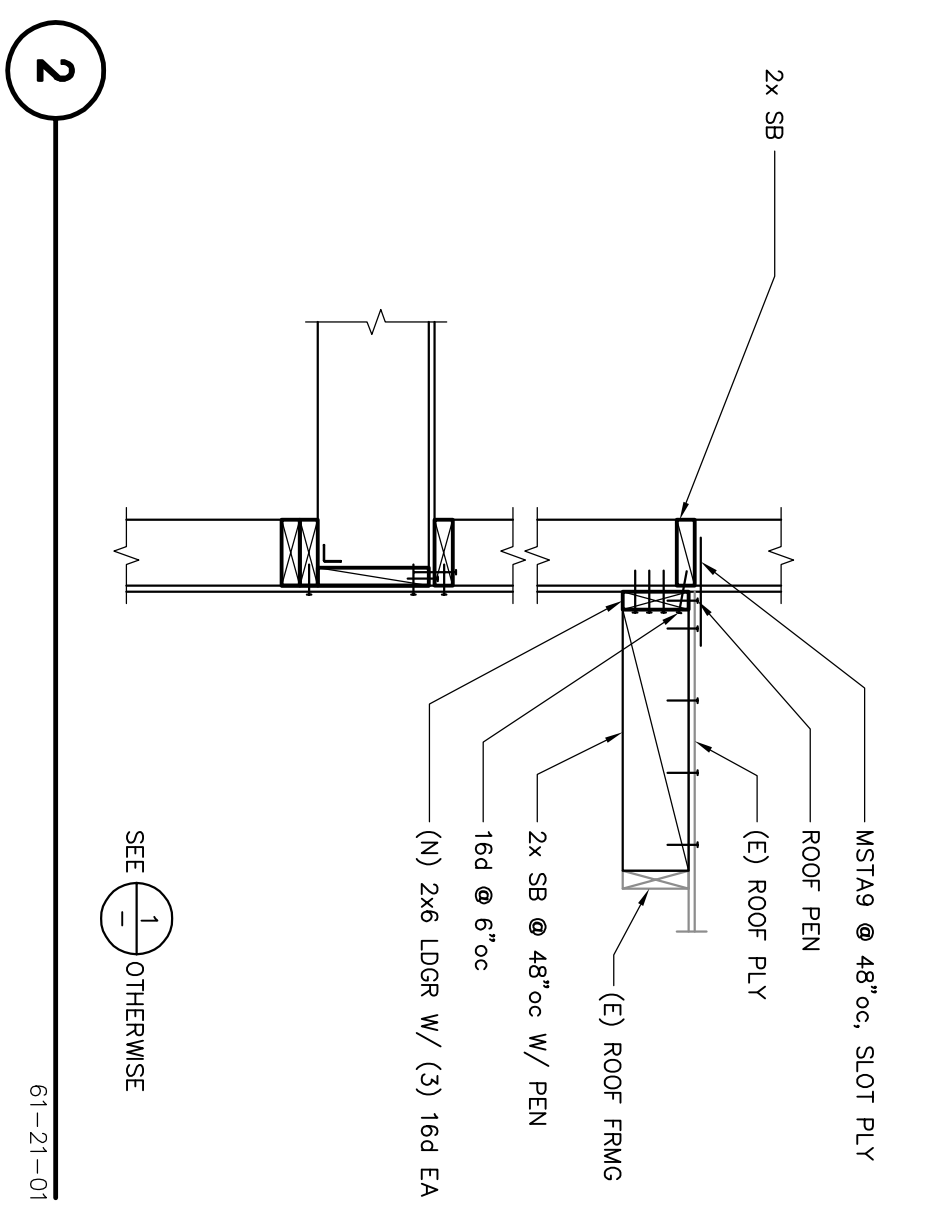
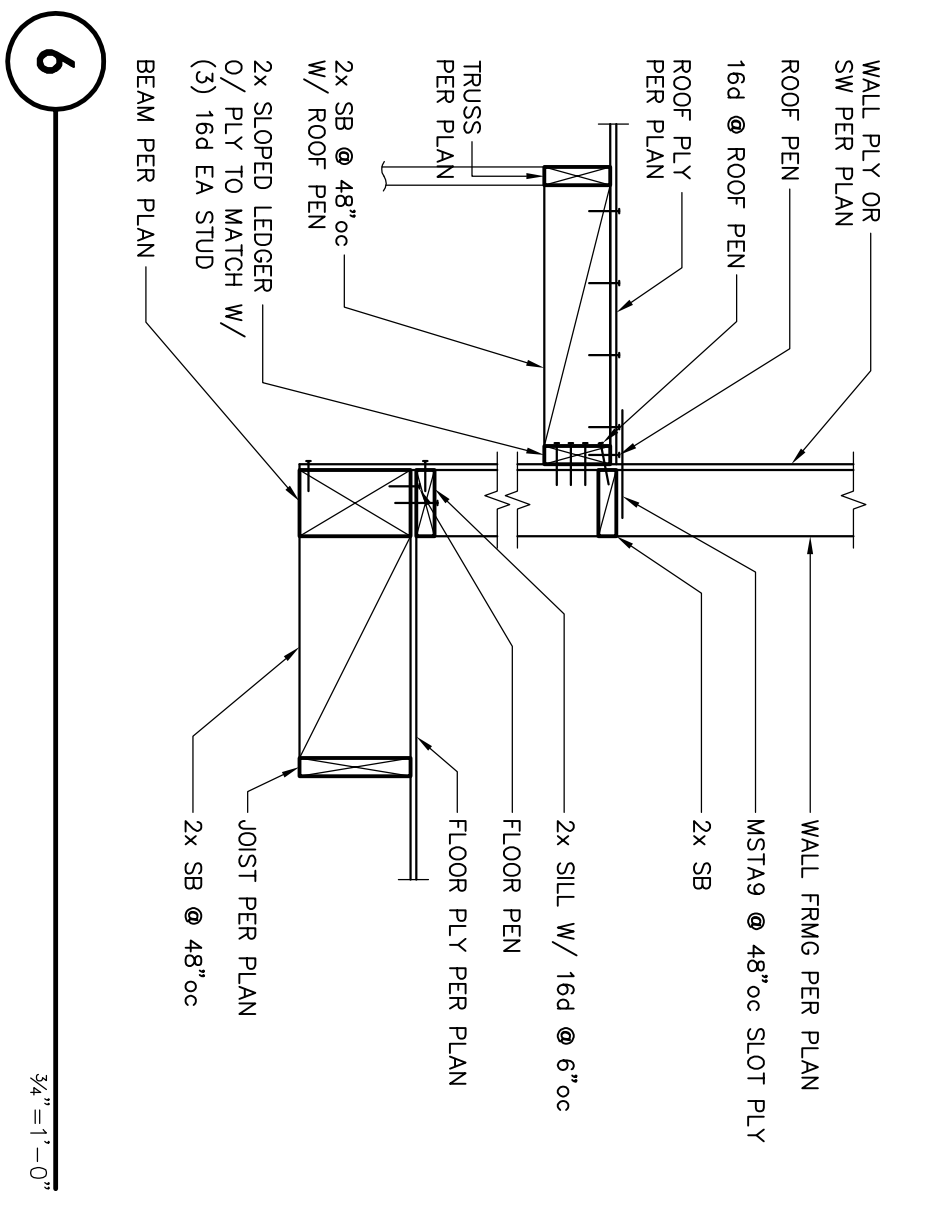
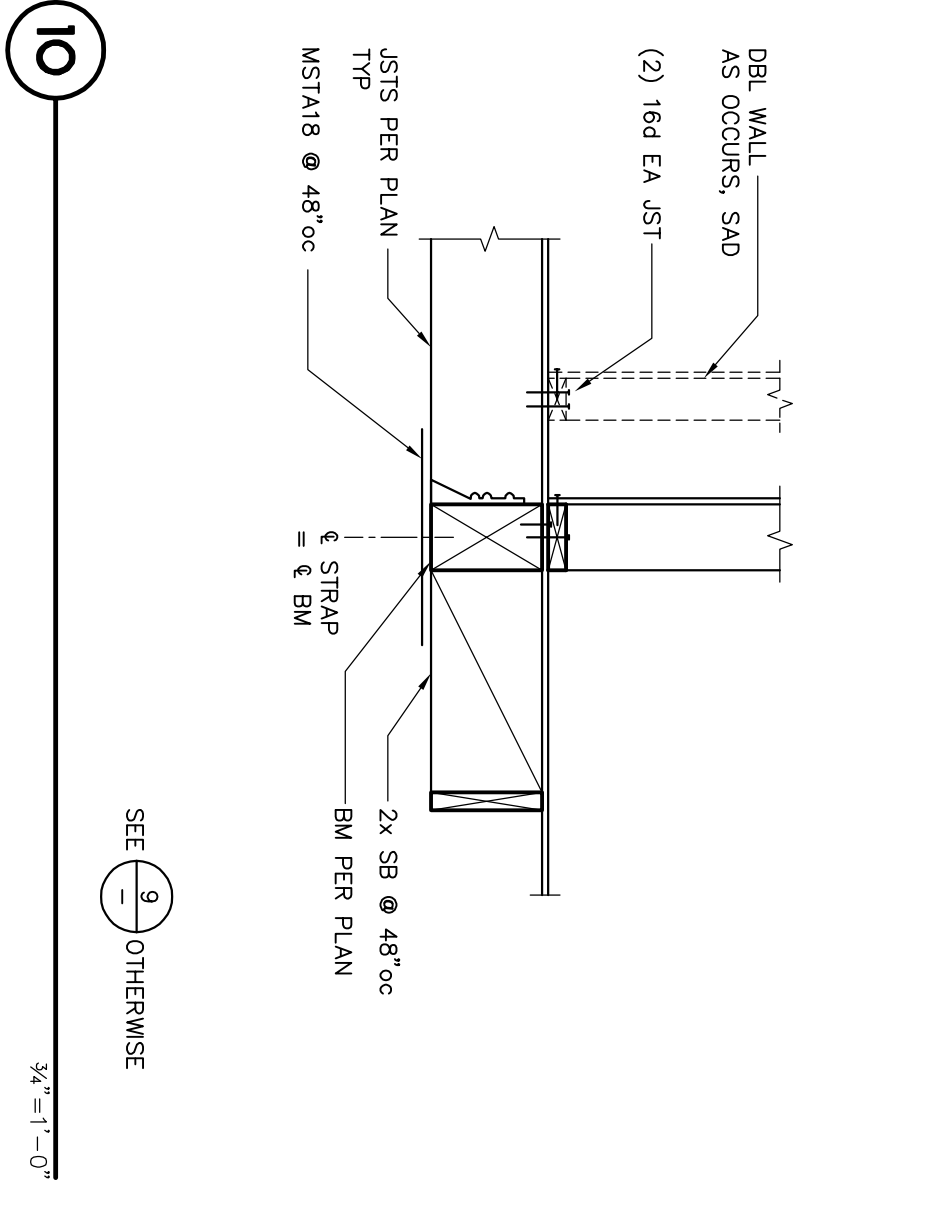
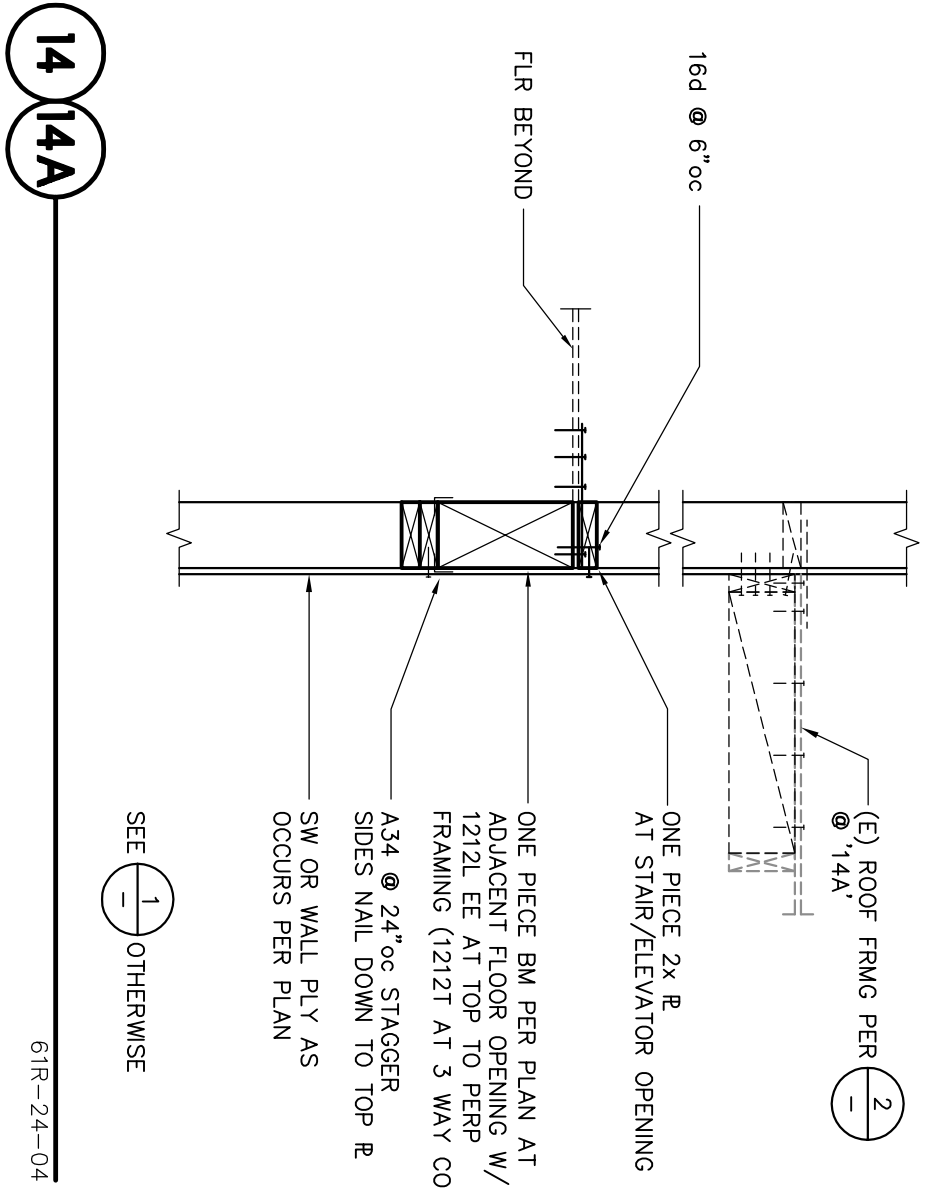
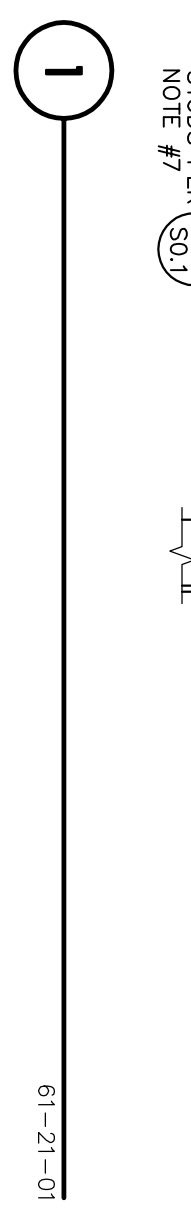
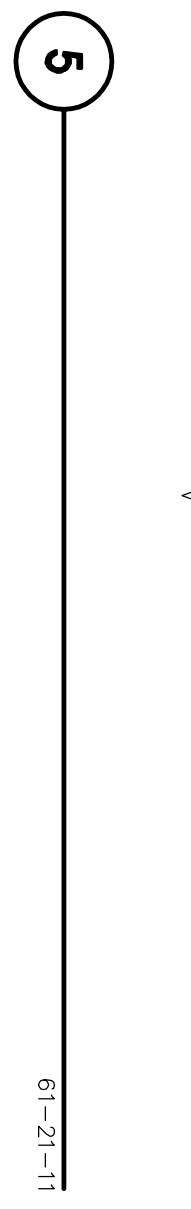
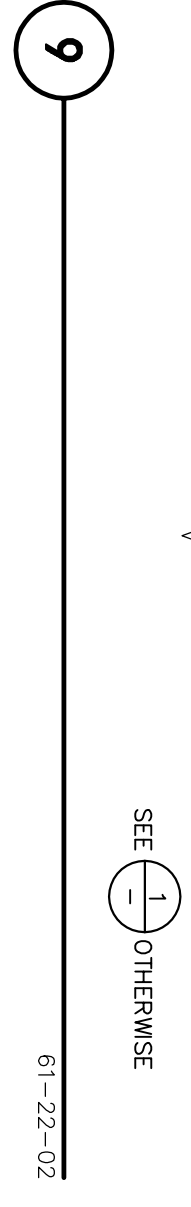
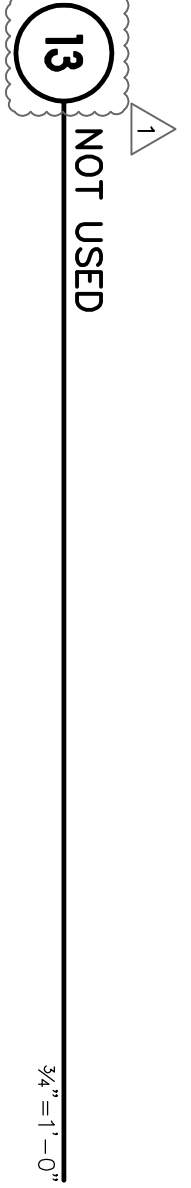
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FOUNDATION DETAILS
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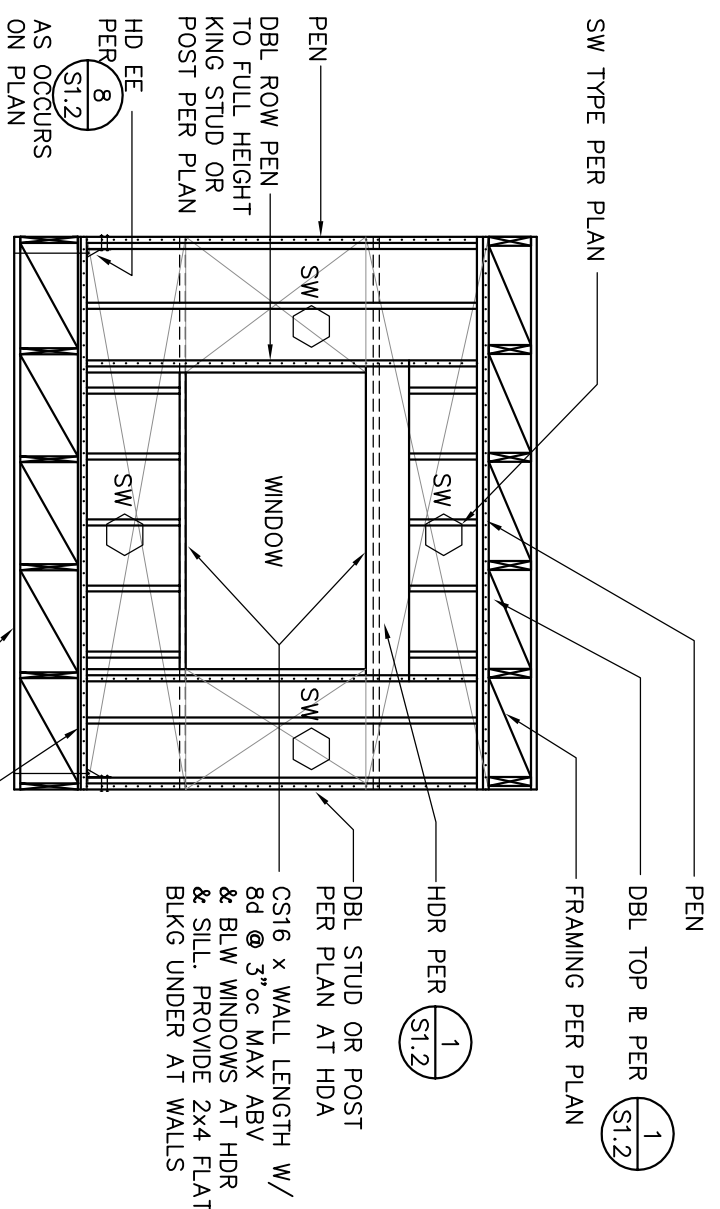
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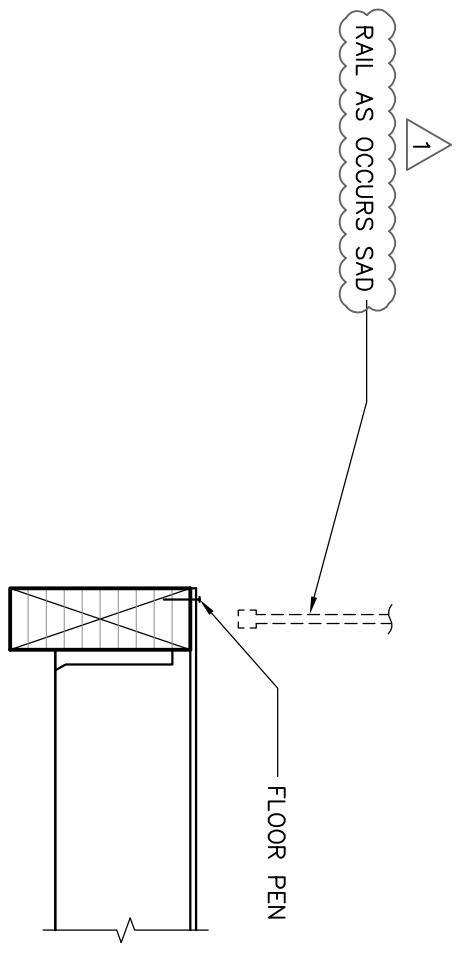
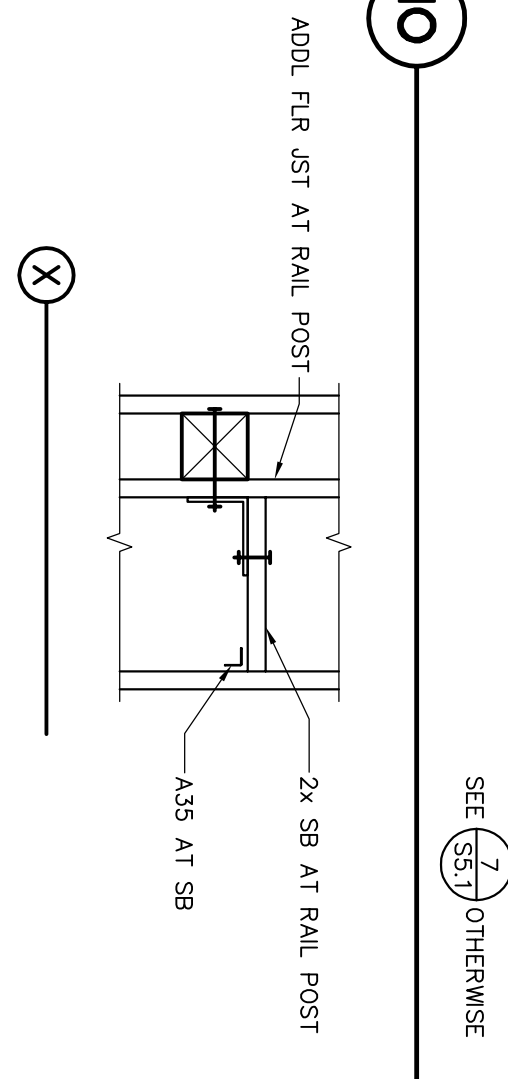
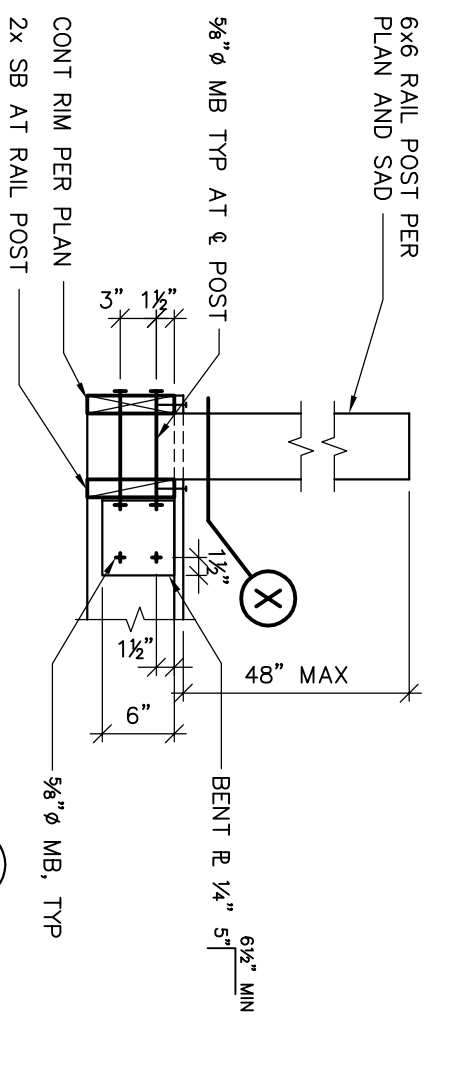
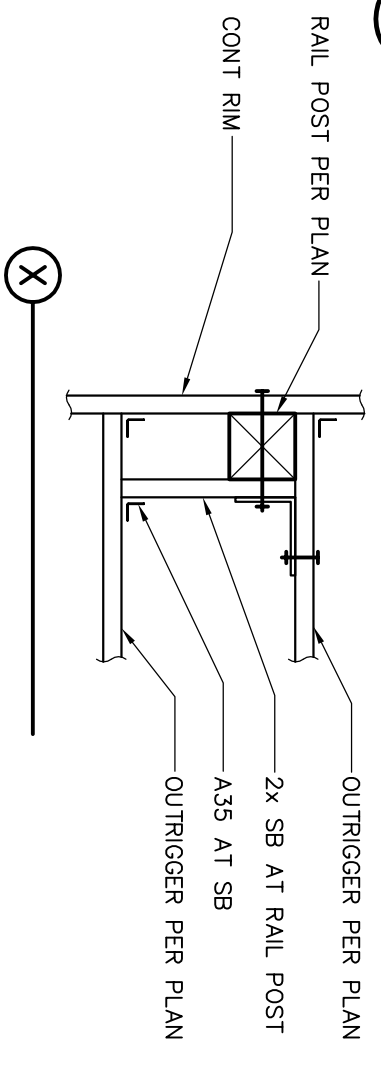
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 Date: 09.17.10
 Issue: MODIFIED FOUNDATIONS

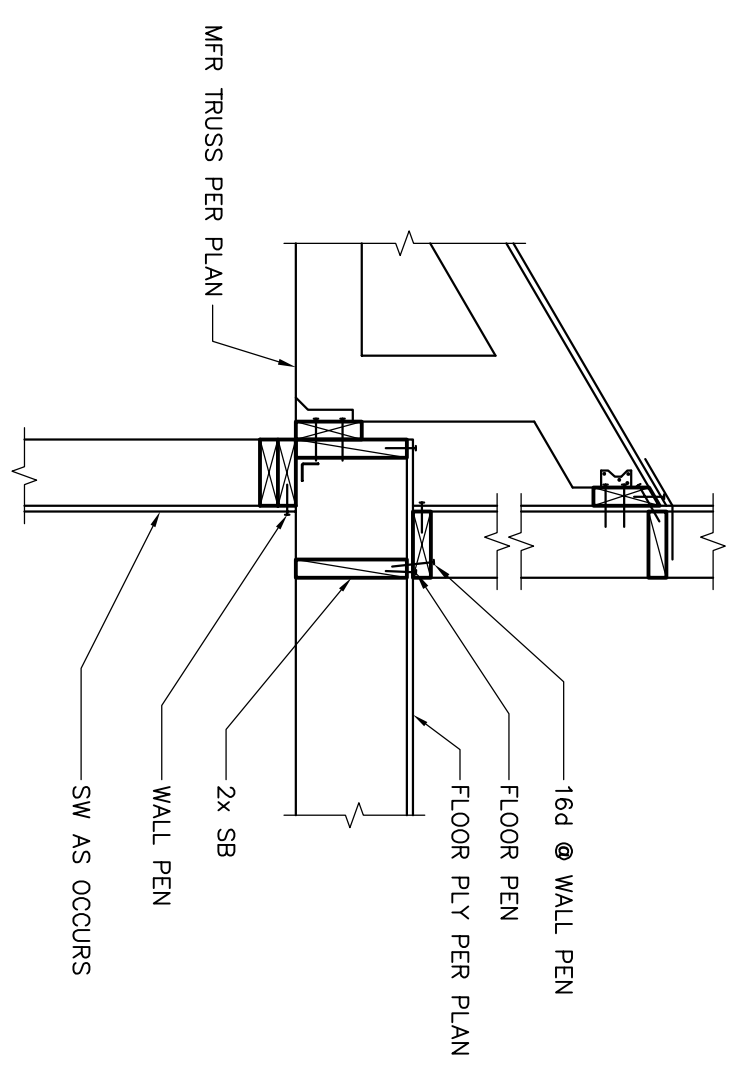
MEZZANINE/
 FLOOR FRAMING
 DETAILS
 SCALE : AS NOTED
S5.1



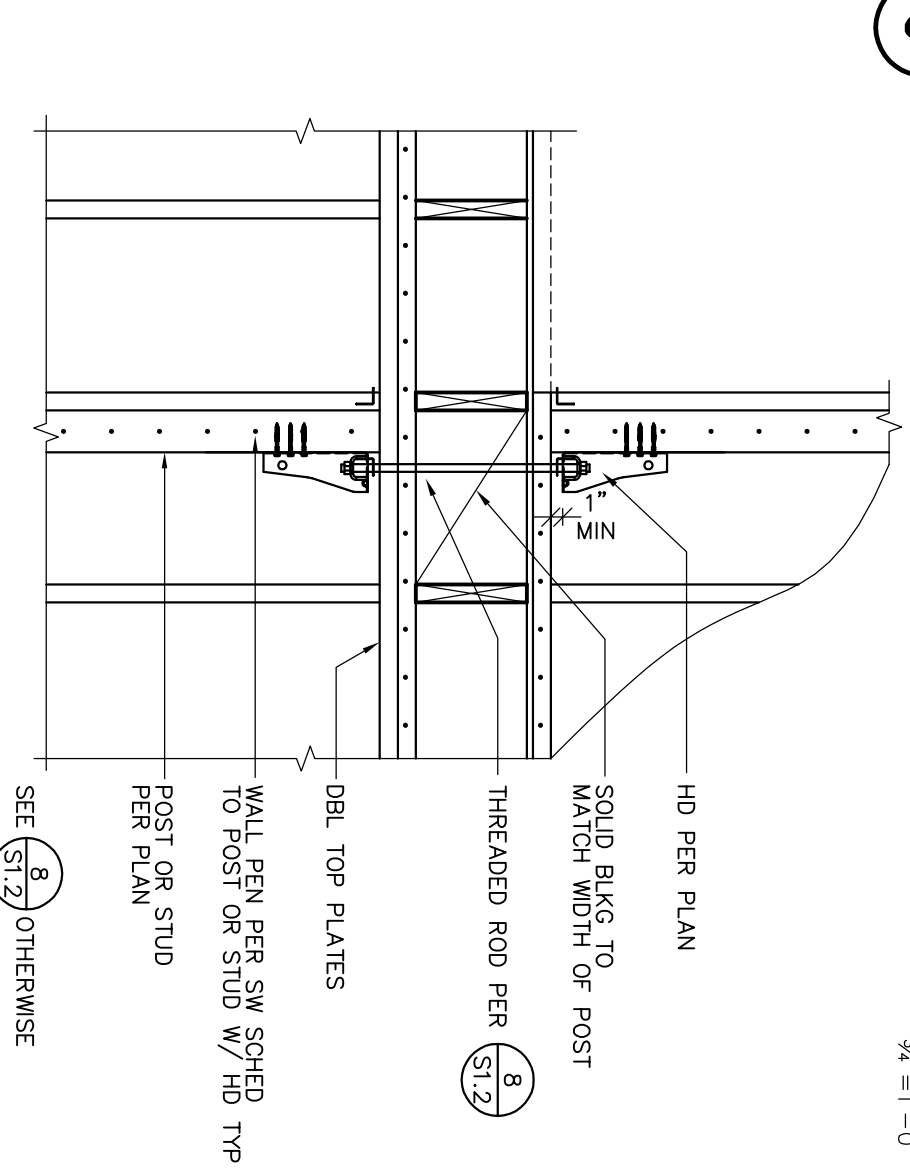
9 SCHEMATIC WALL ELEVATION
(STRAP SIZE TO MEET REQUIREMENTS)
60-06-02



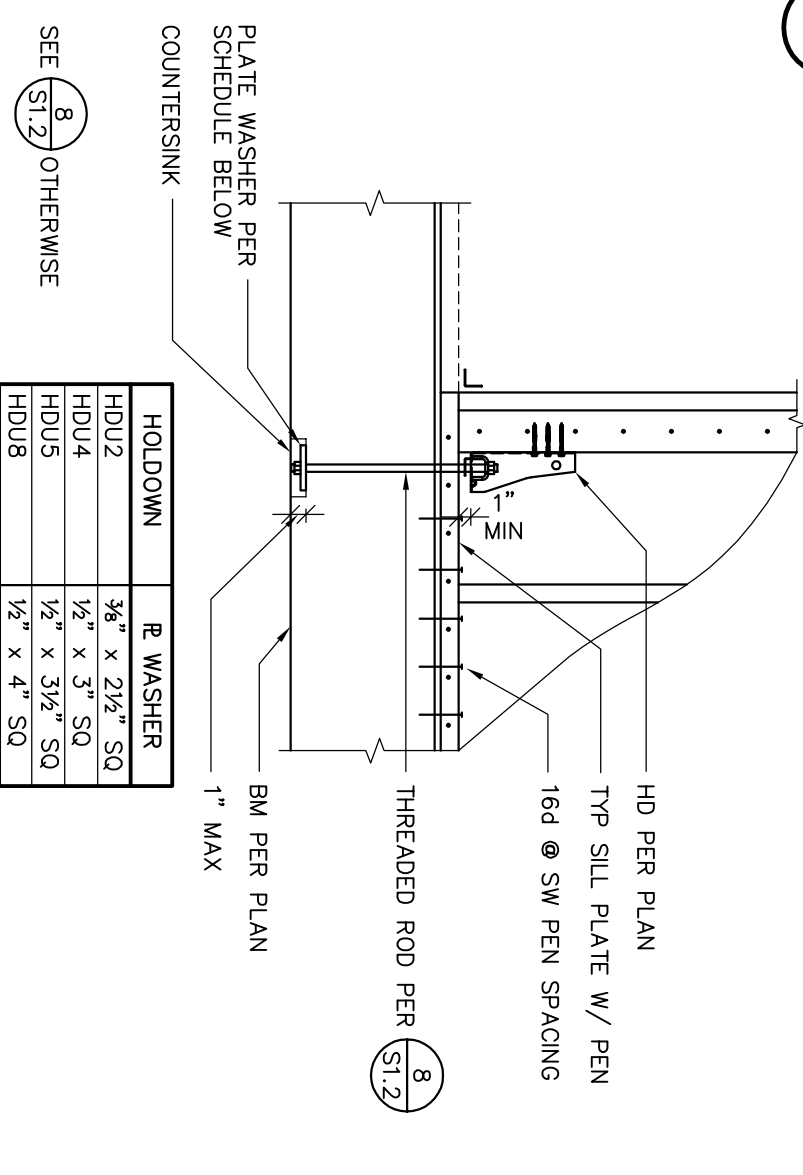
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SEE (16) OTHERWISE
62-02-01



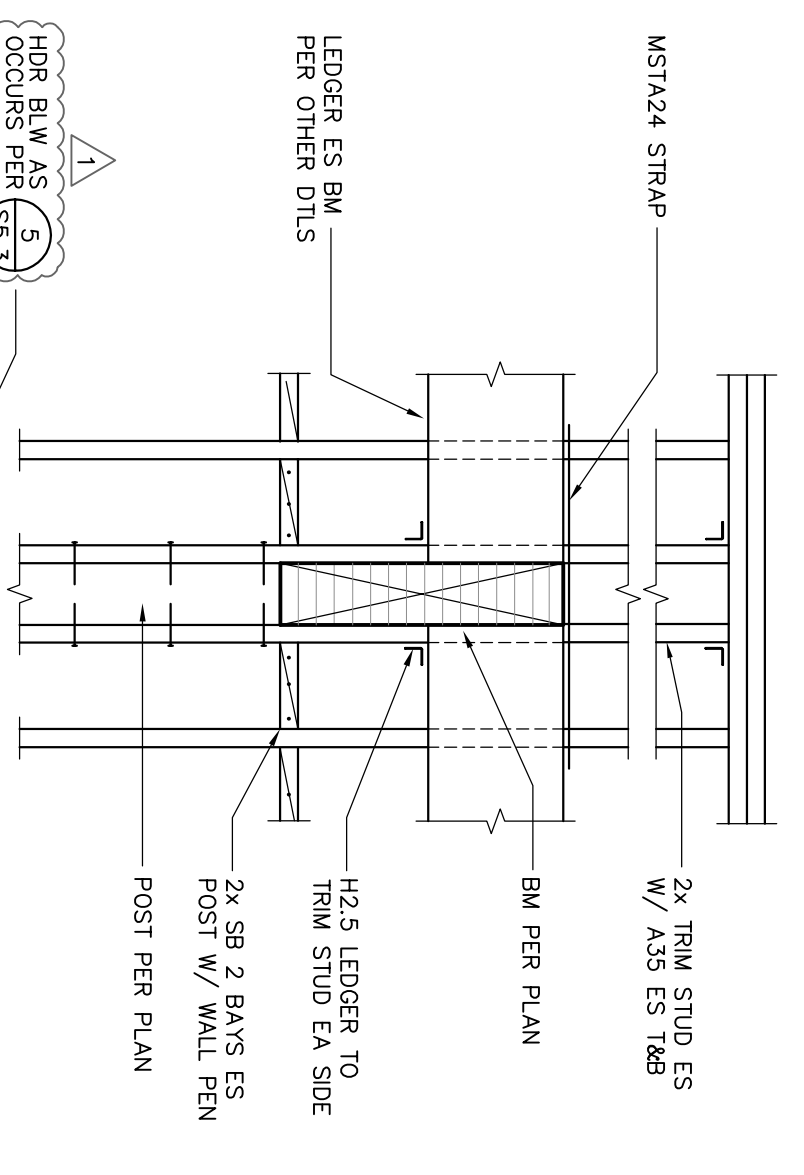
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SEE (1) (11) (S5.1) OTHERWISE
3/4"-1'-0"



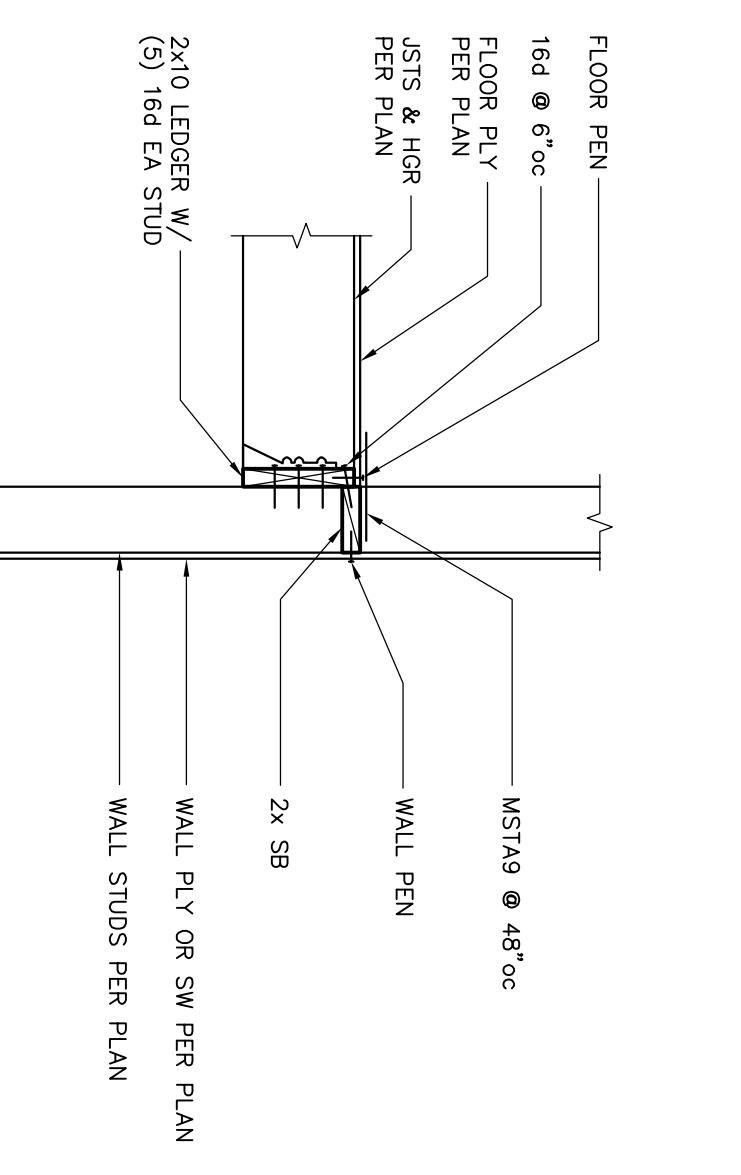
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SEE (8) OTHERWISE
60-11-02



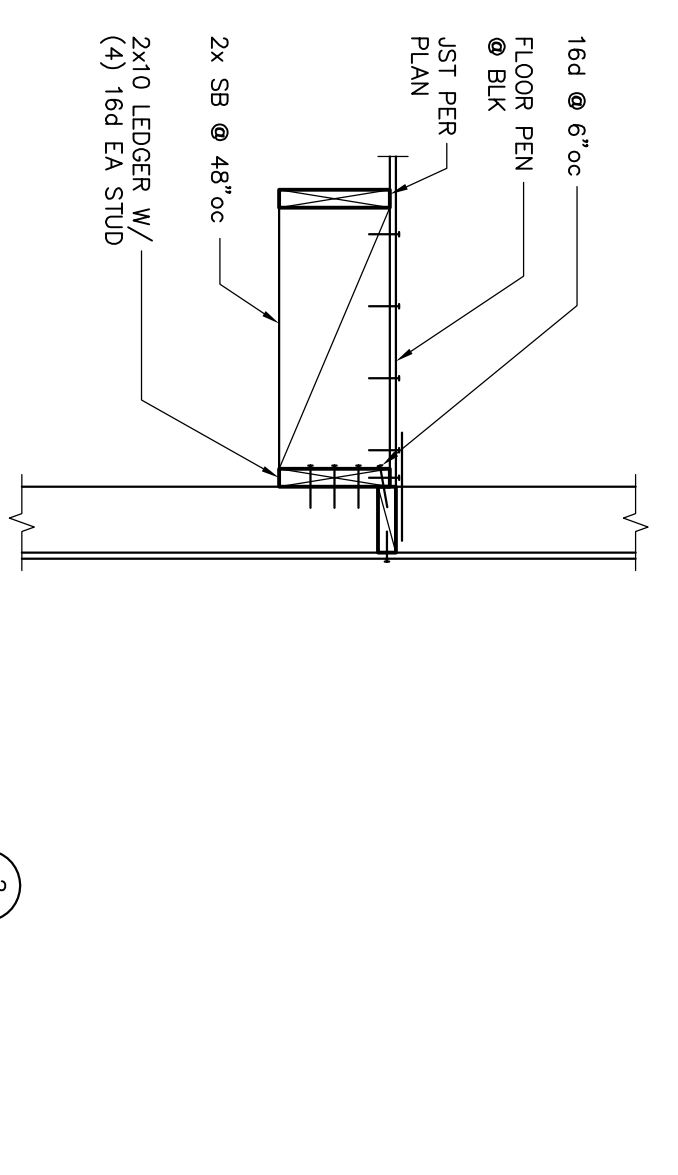
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SEE (8) (S1.2) OTHERWISE
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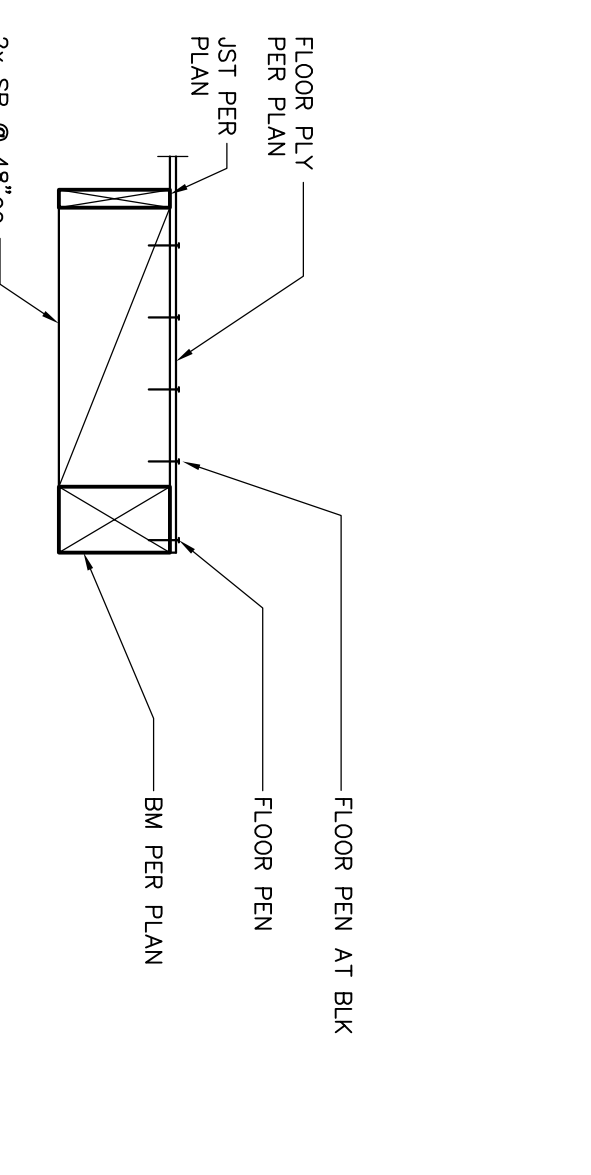
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HDR BLW AS (5) OCCURS PER (S5.3)
60-07-08



2
3/4"-1'-0"



3
SEE (2) OTHERWISE
3/4"-1'-0"



4
3/4"-1'-0"

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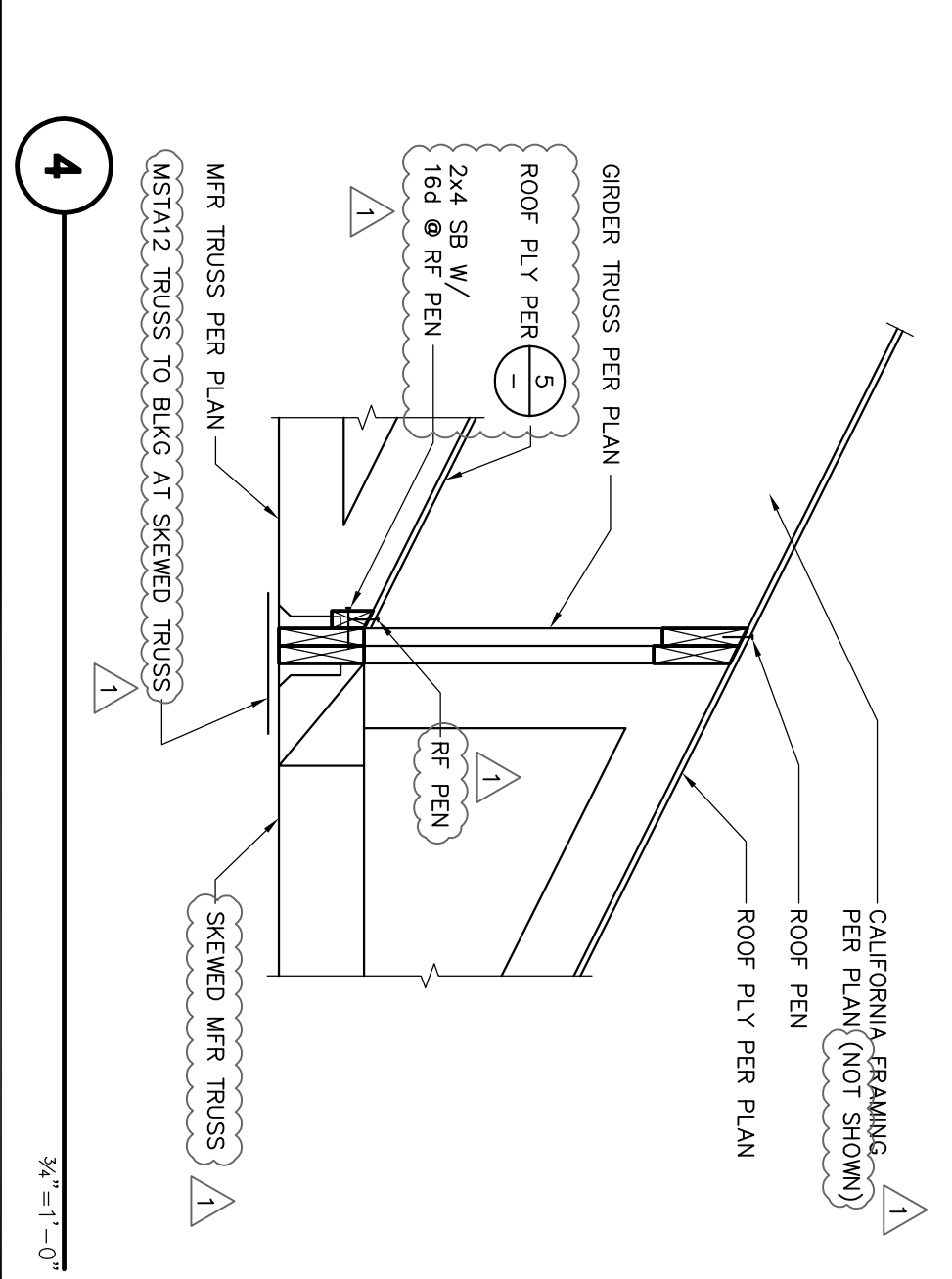
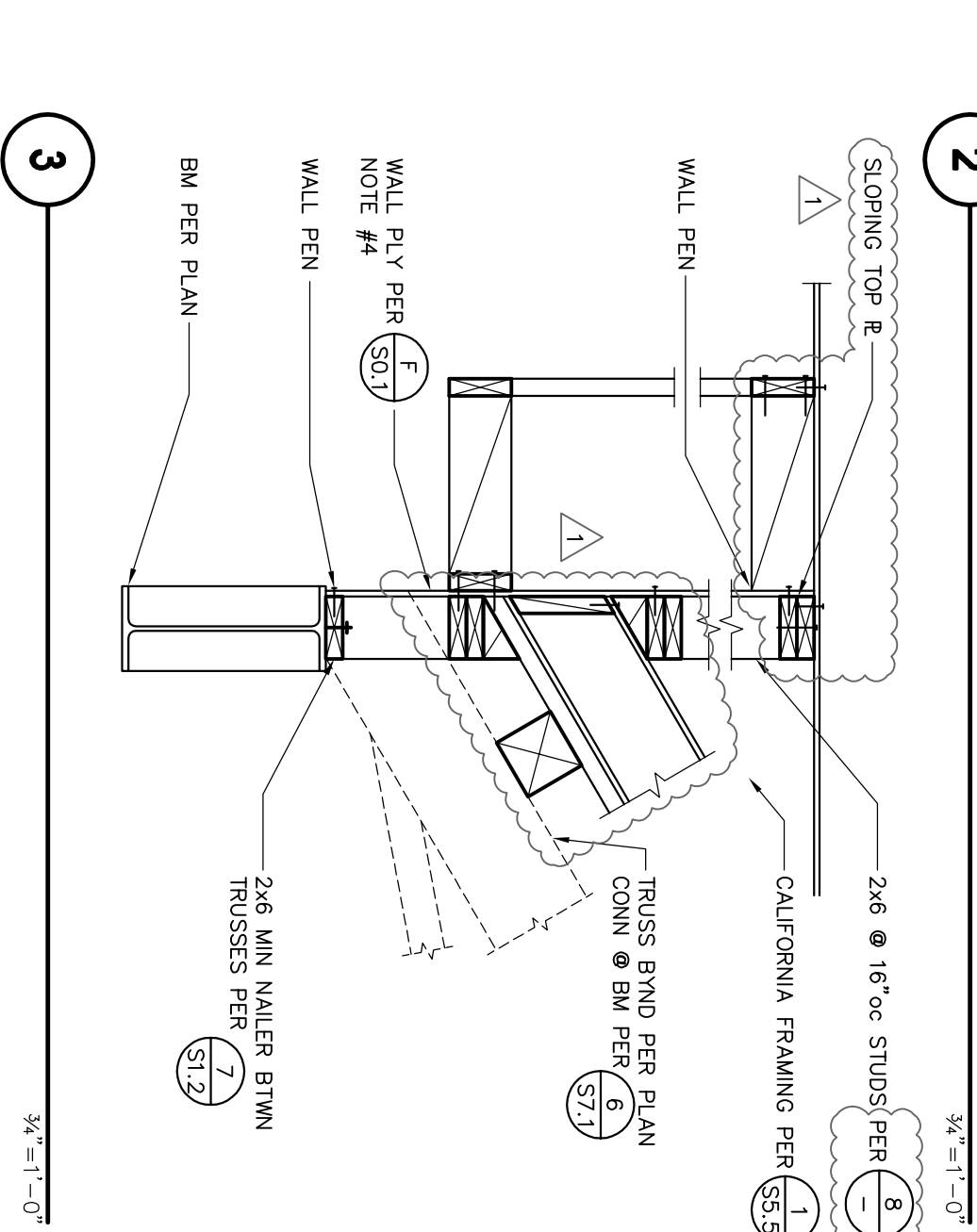
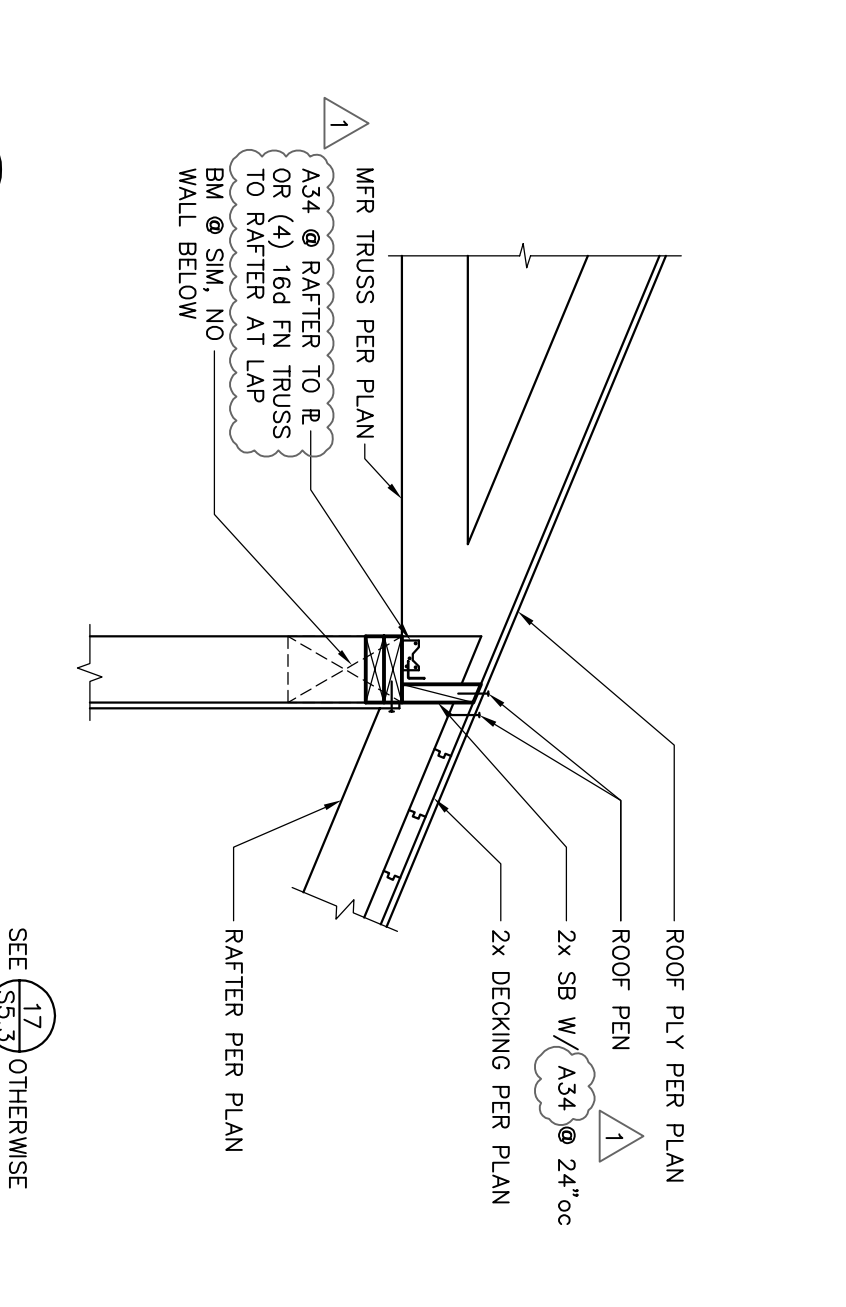
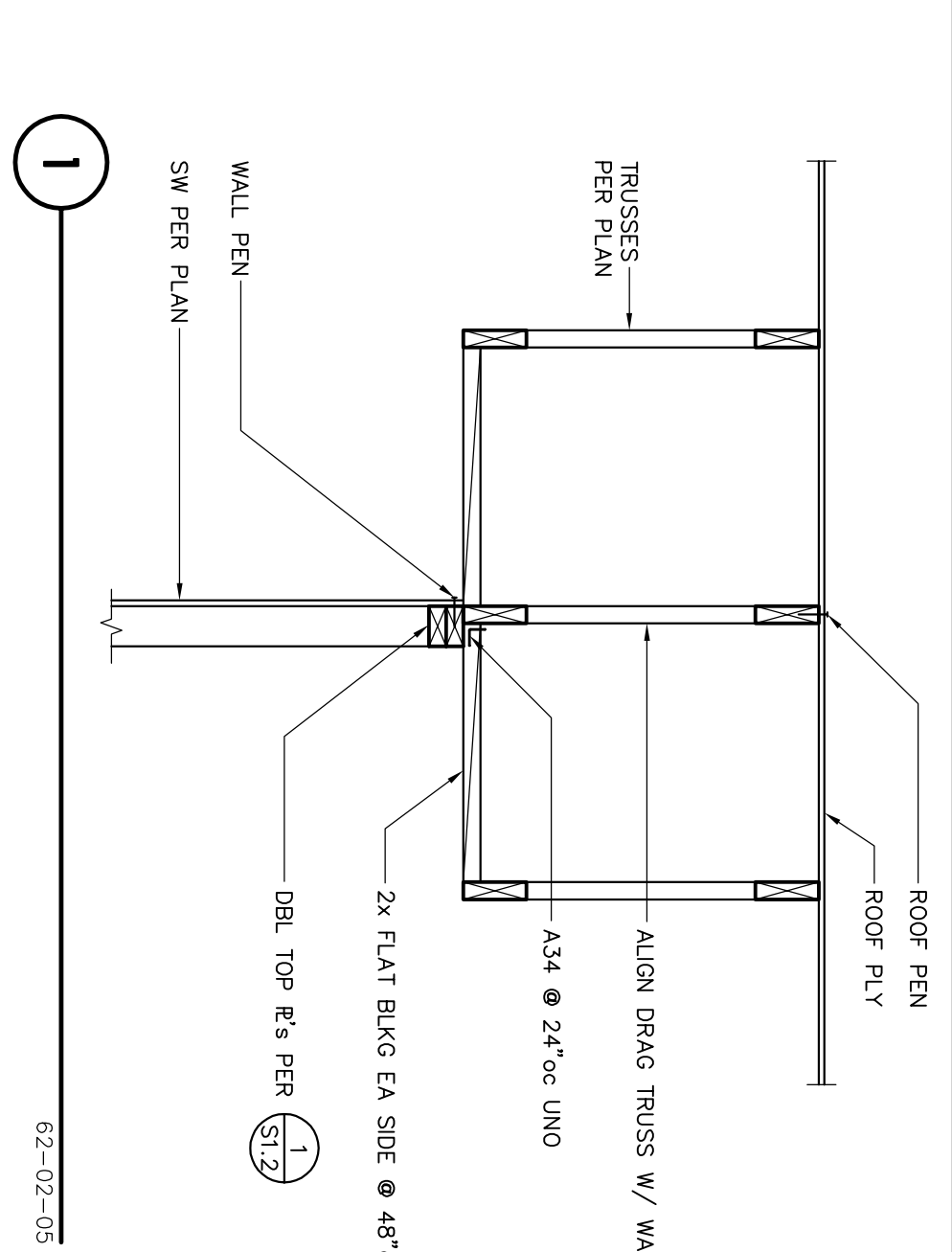
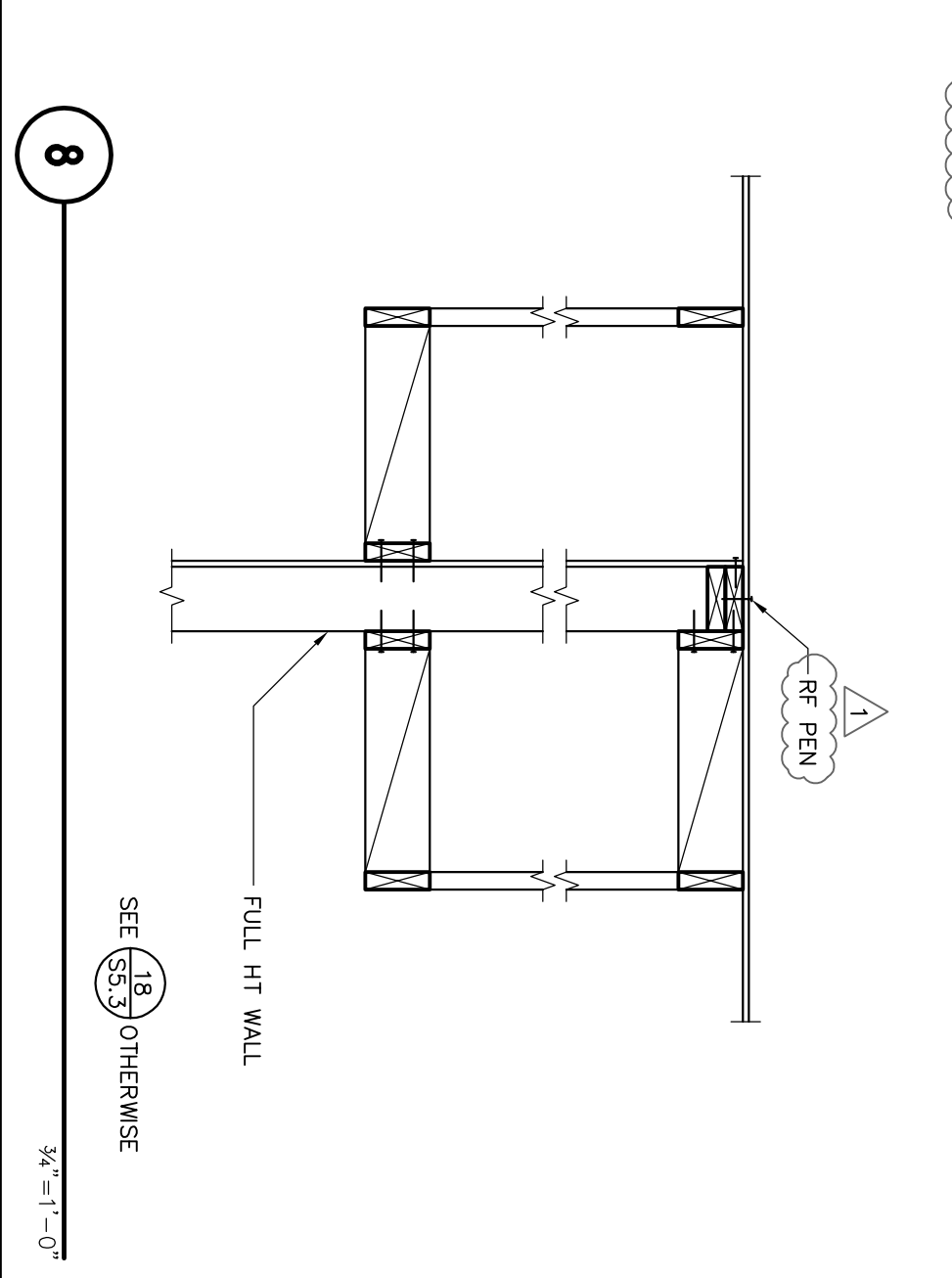
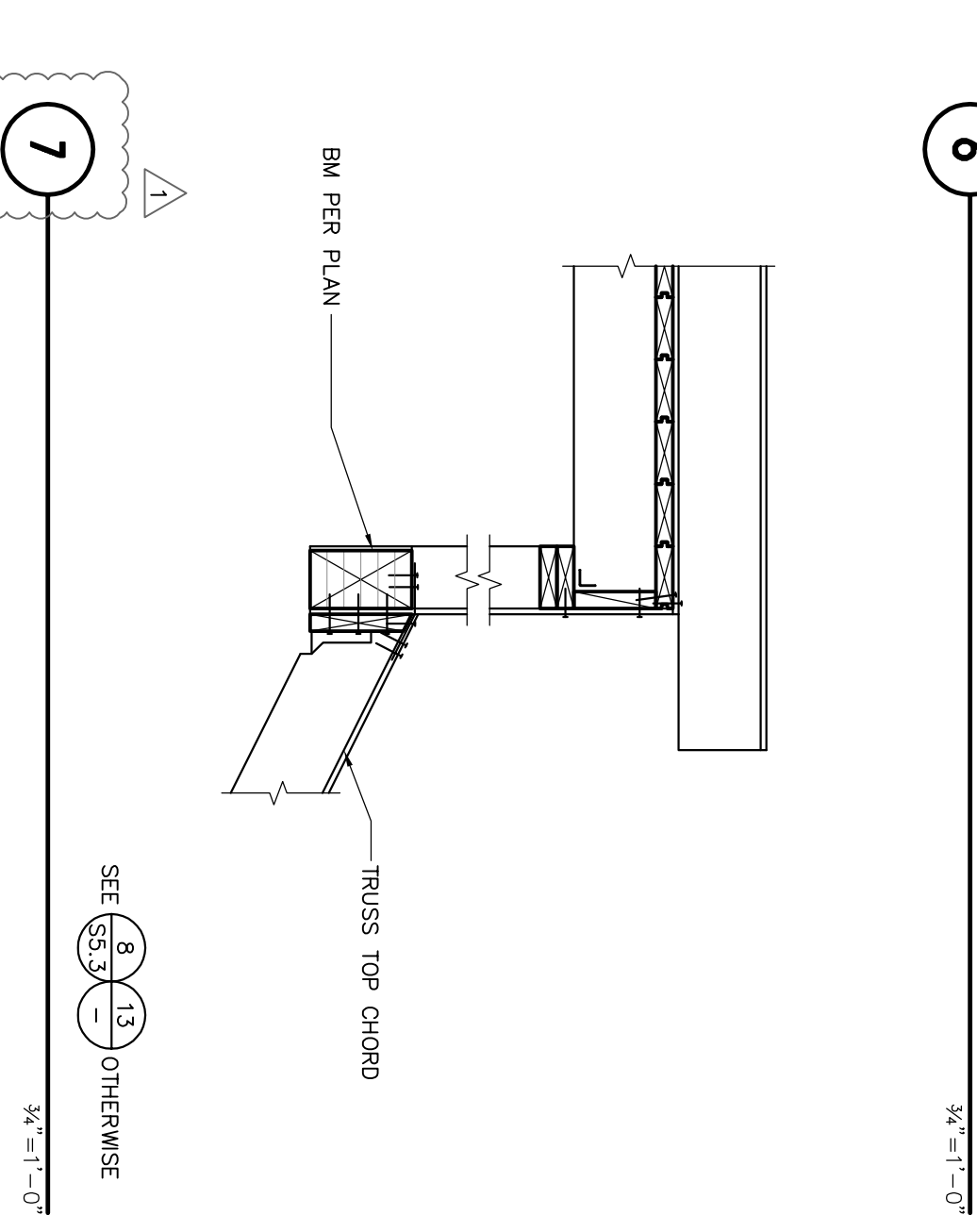
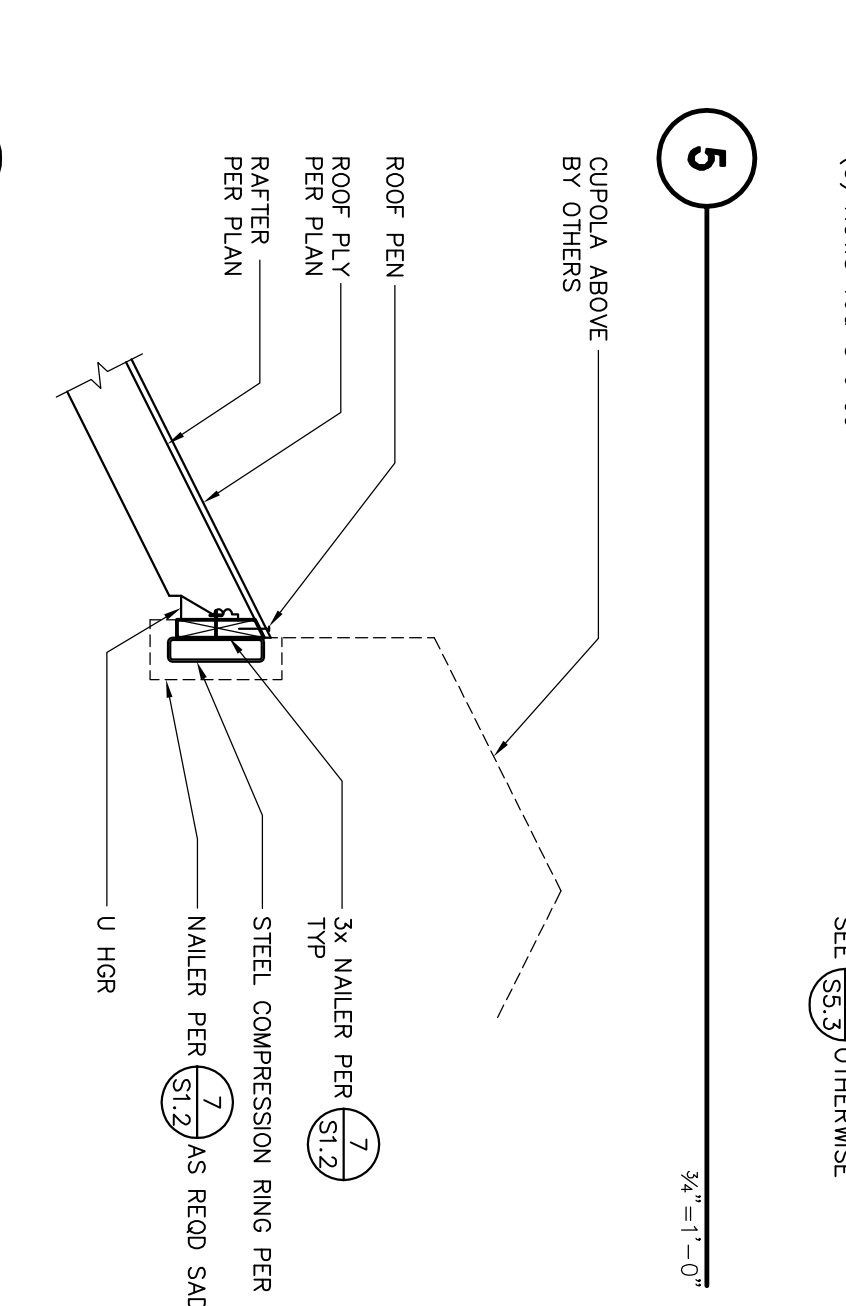
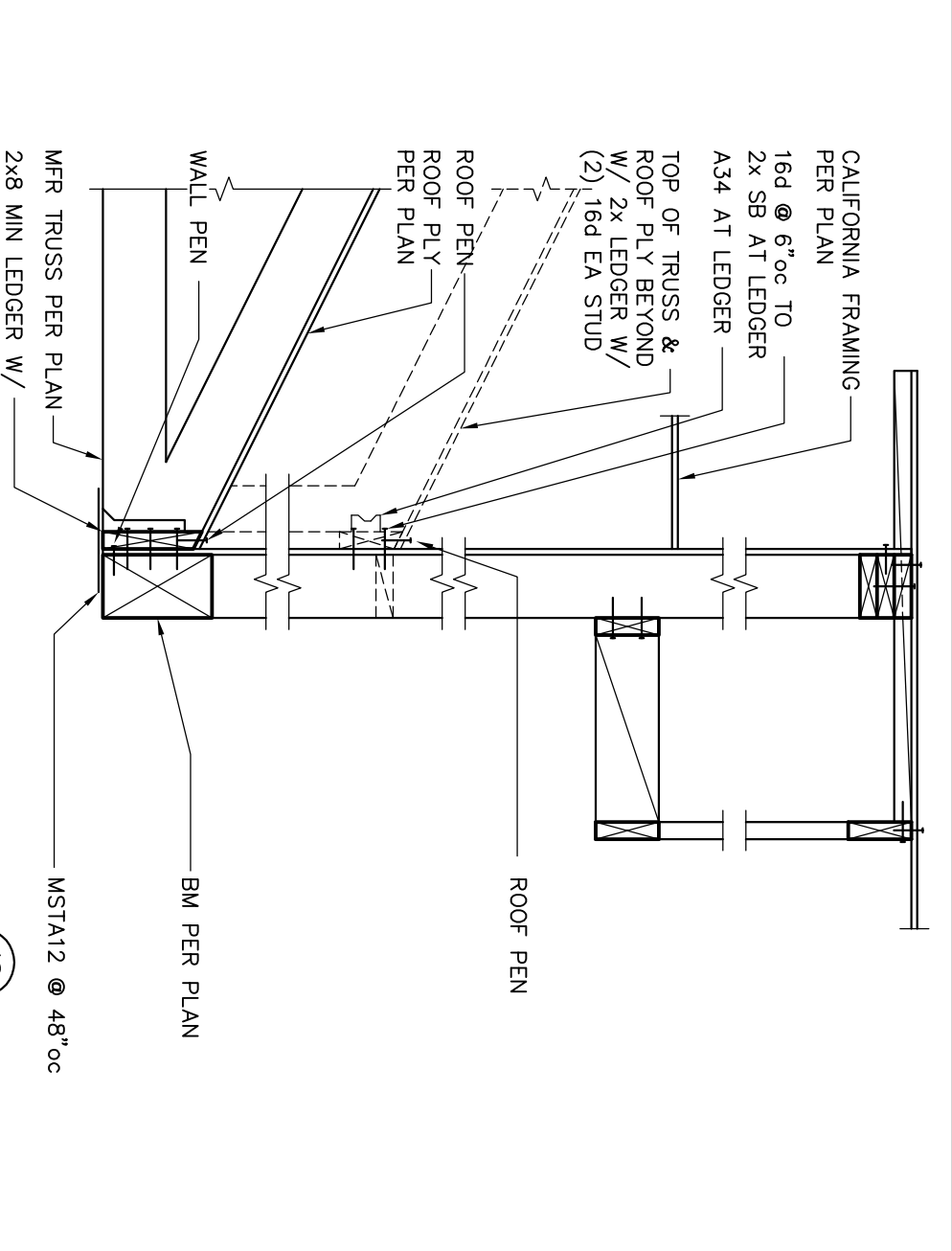
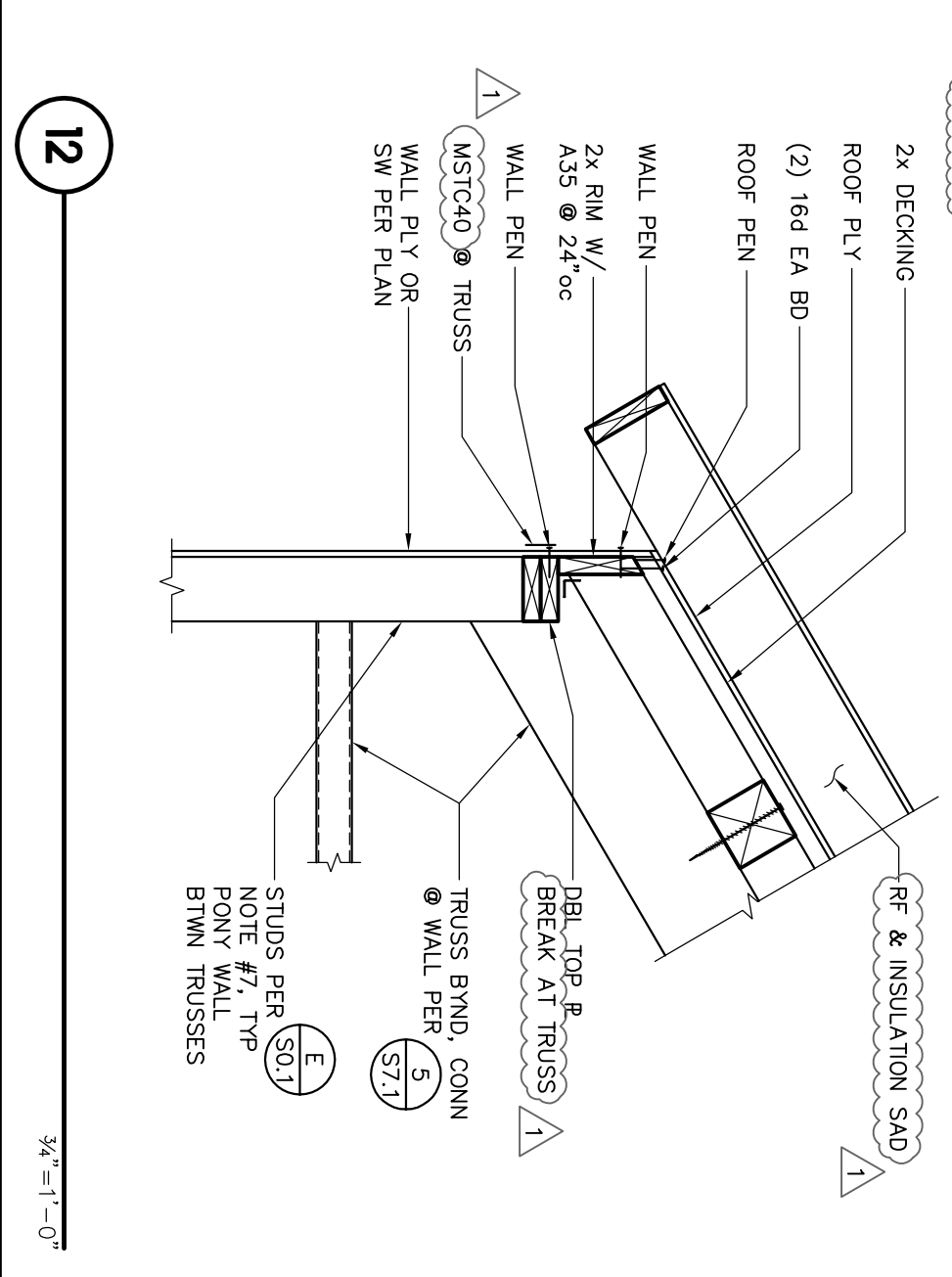
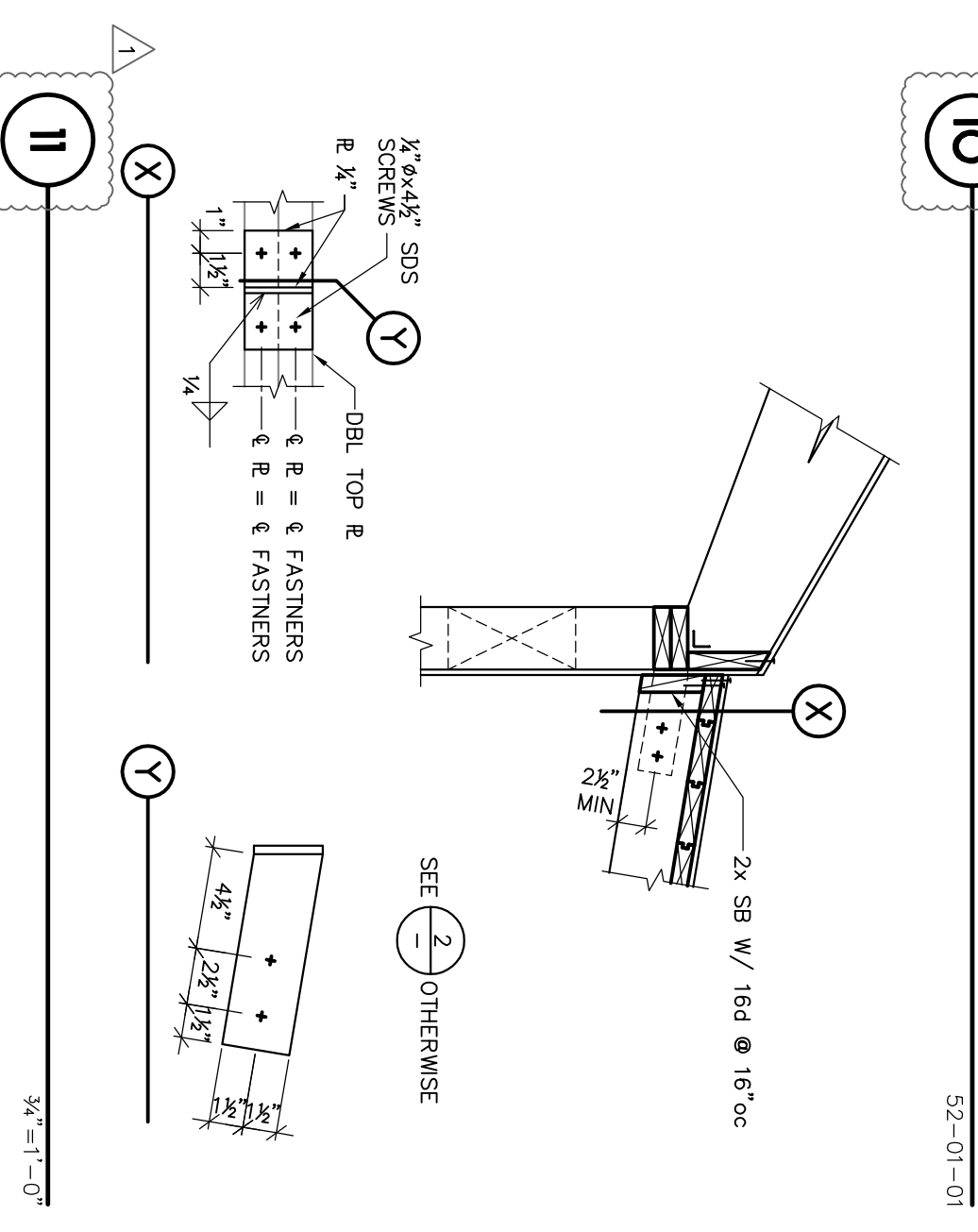
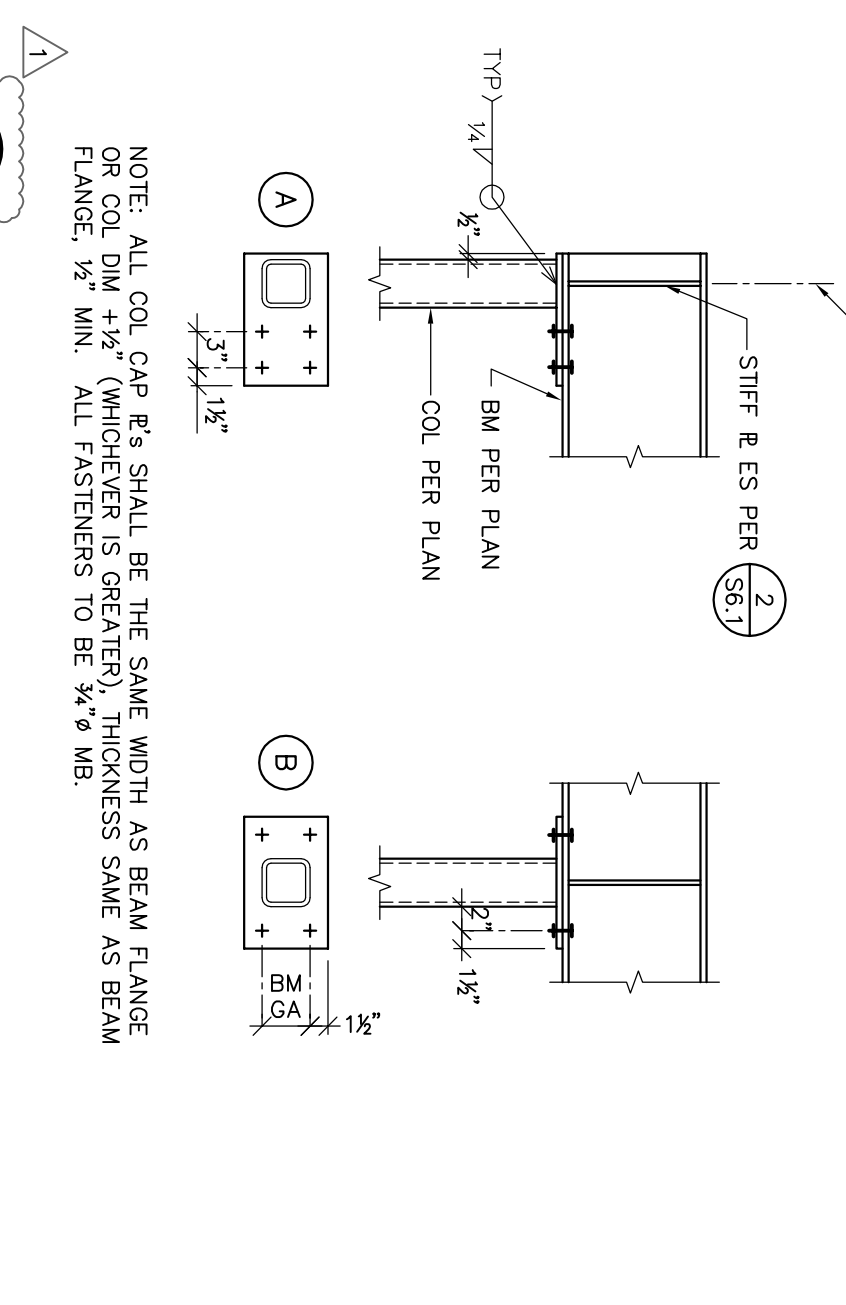
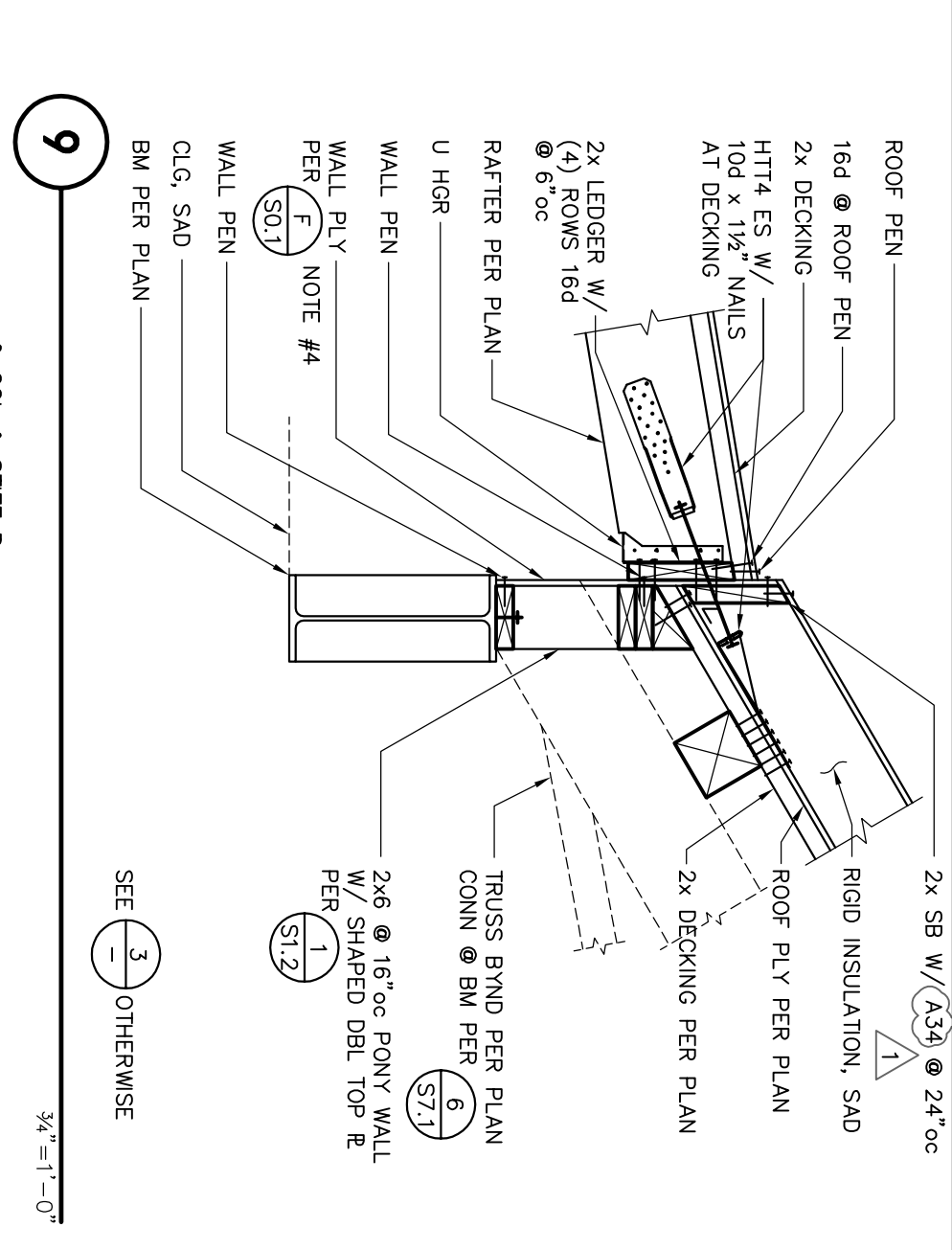
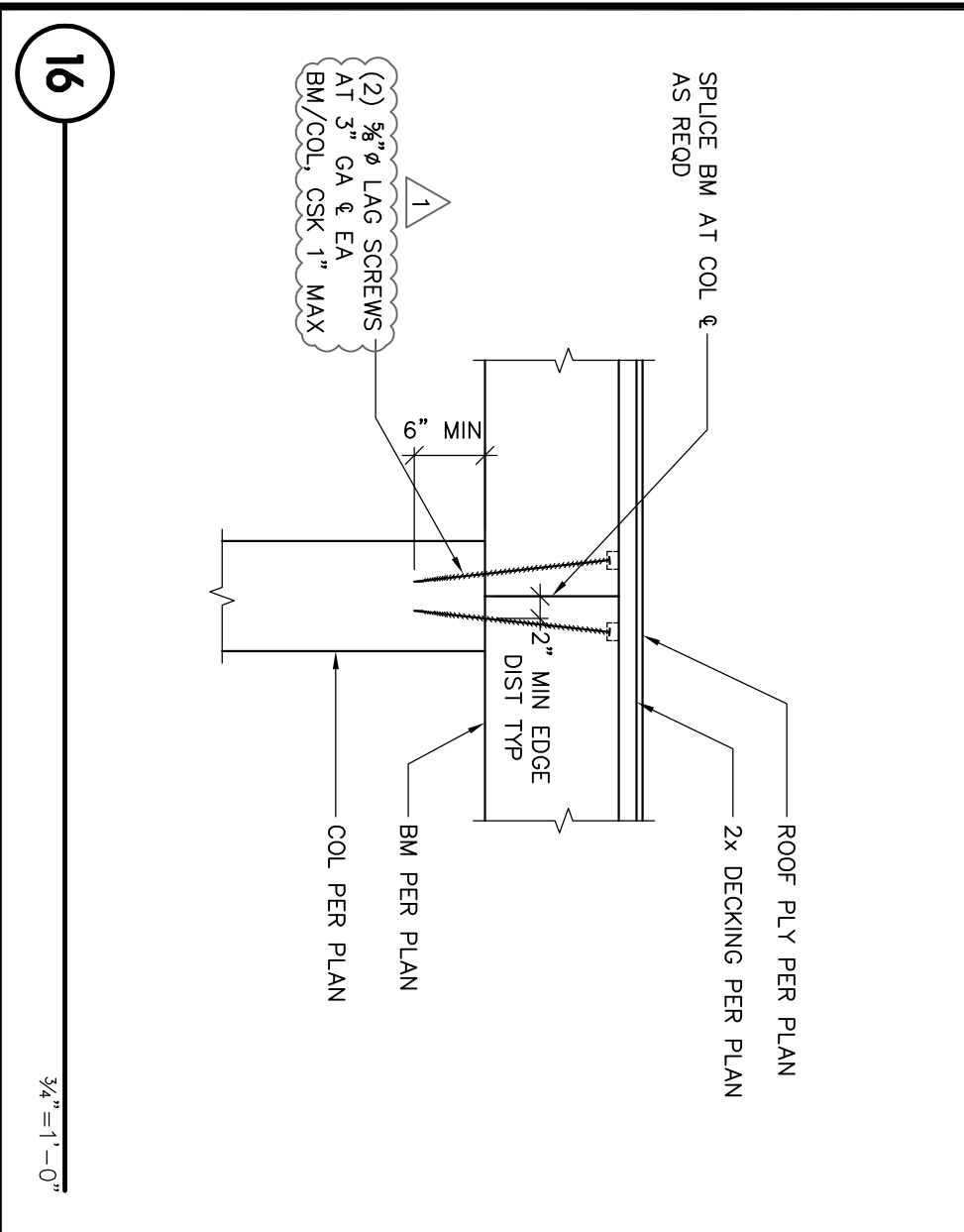
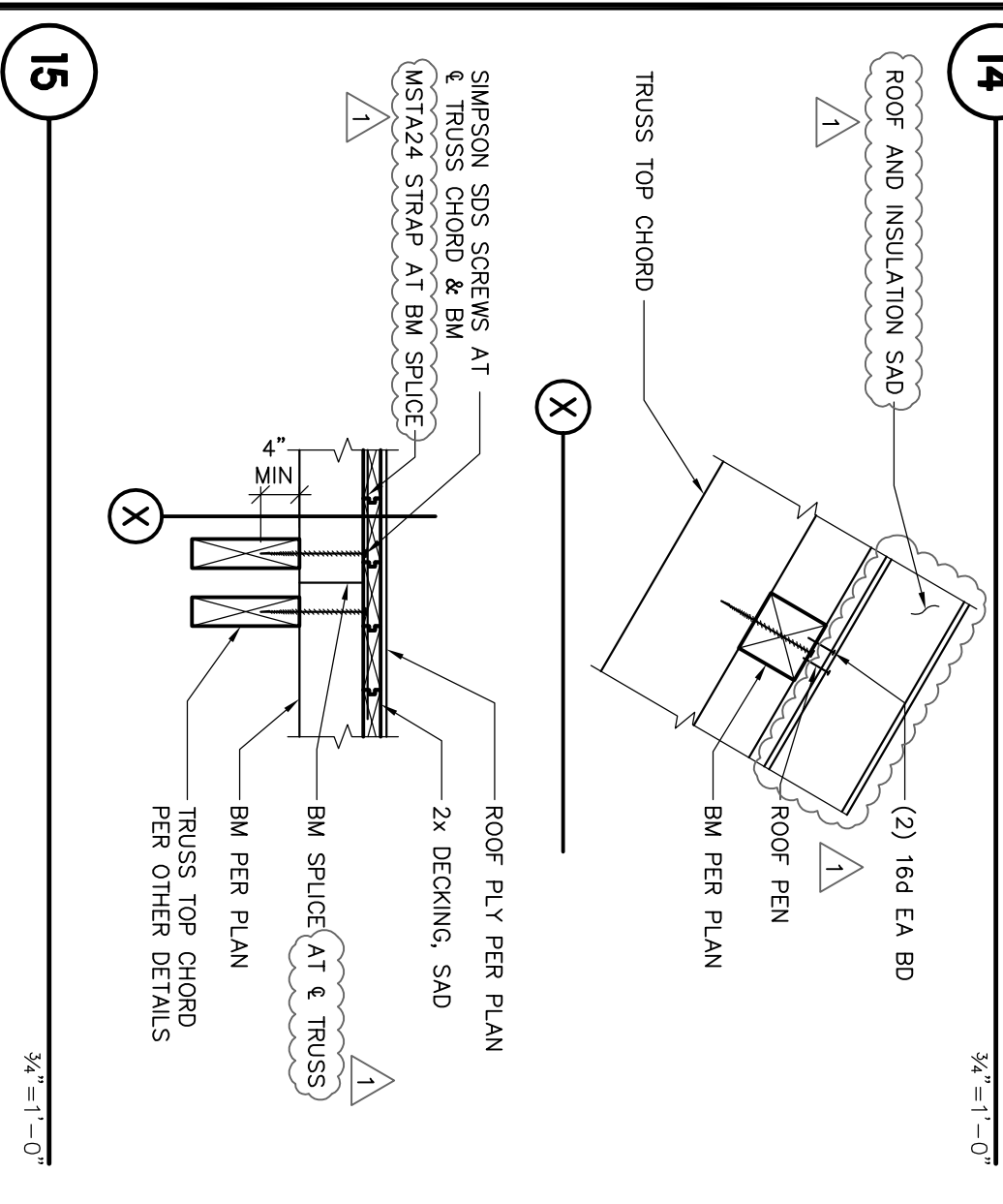
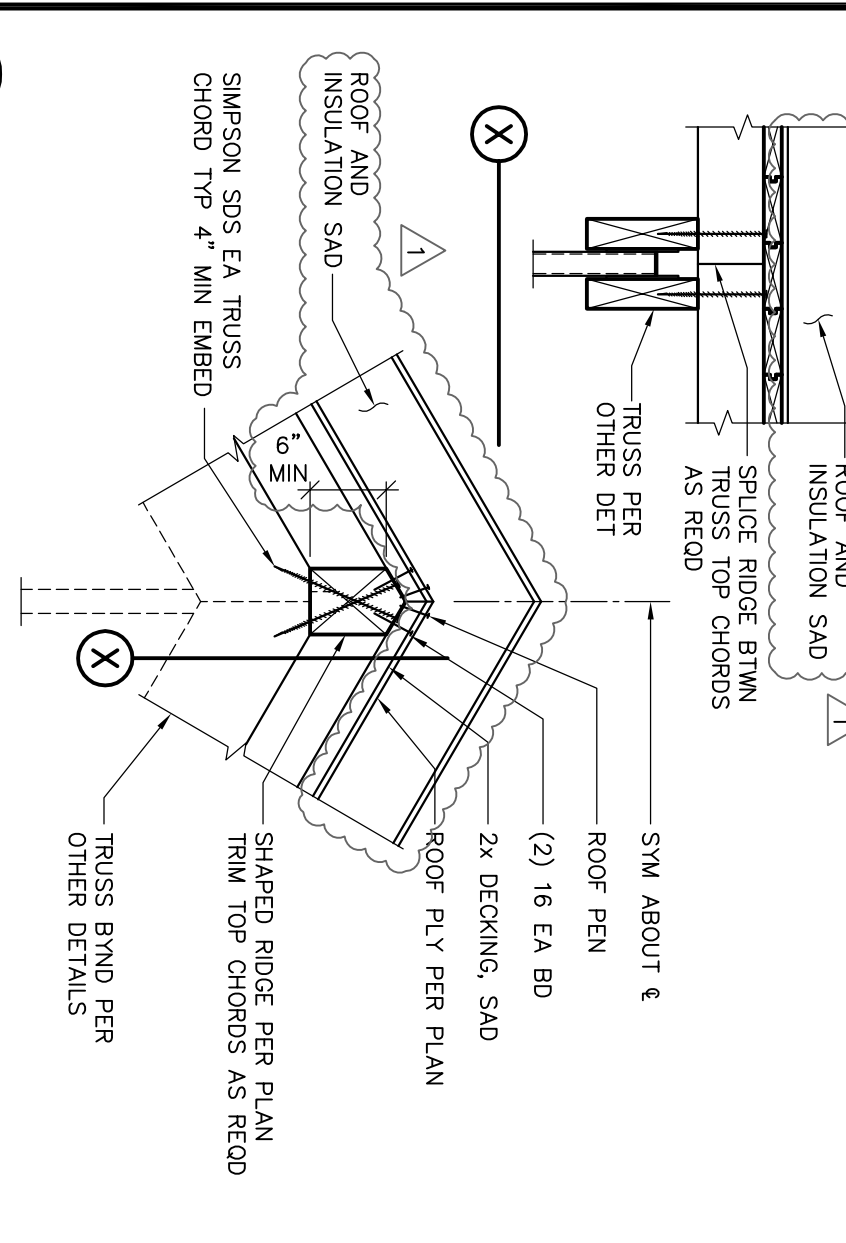
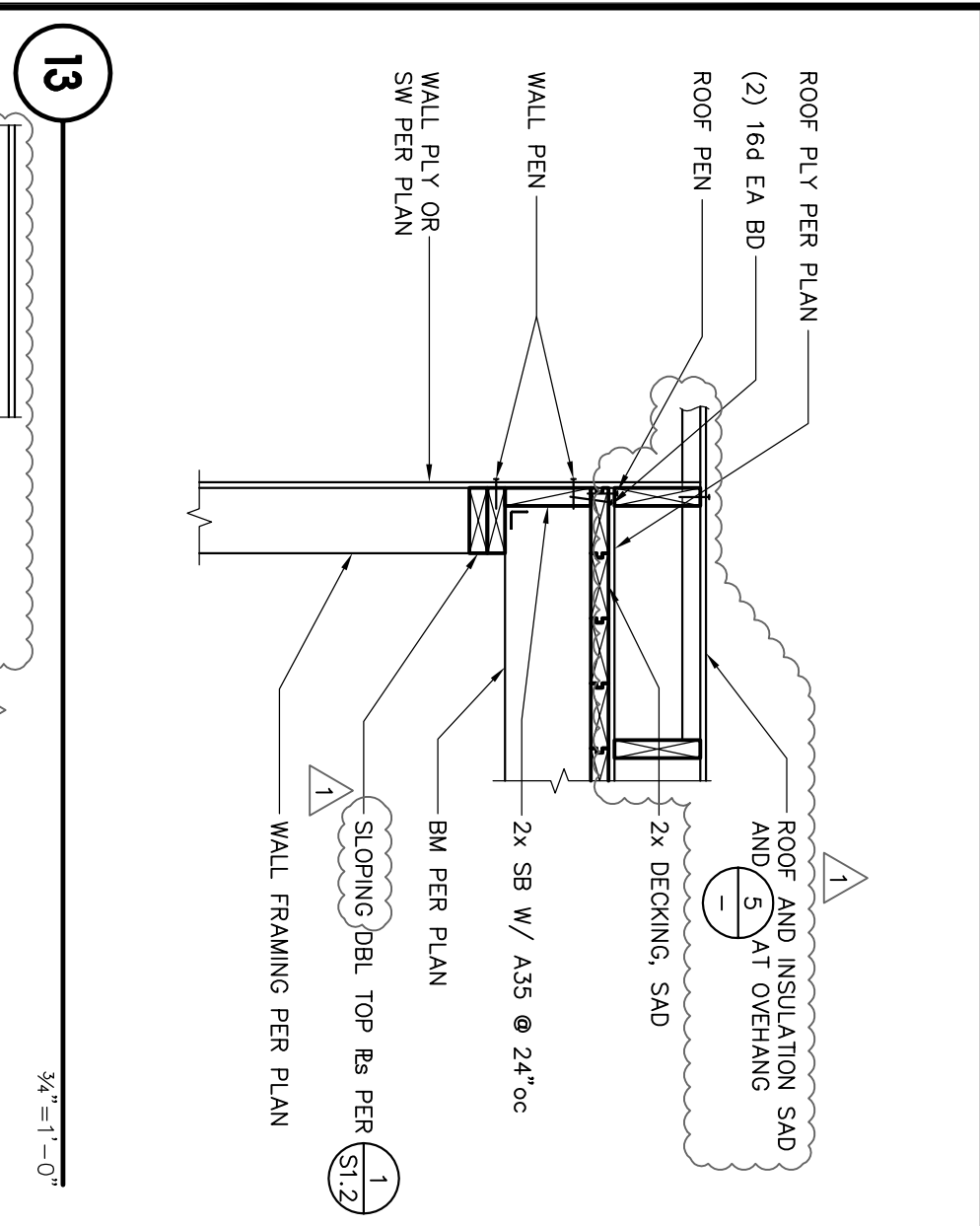
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Project No.	10094
Date	05.01.10
Issue	PERMIT SET
Modified	PLAN CHECK
Modified	FOUNDATIONS

MEZZANINE/ FLOOR FRAMING DETAILS
SCALE : AS NOTED

S5.2



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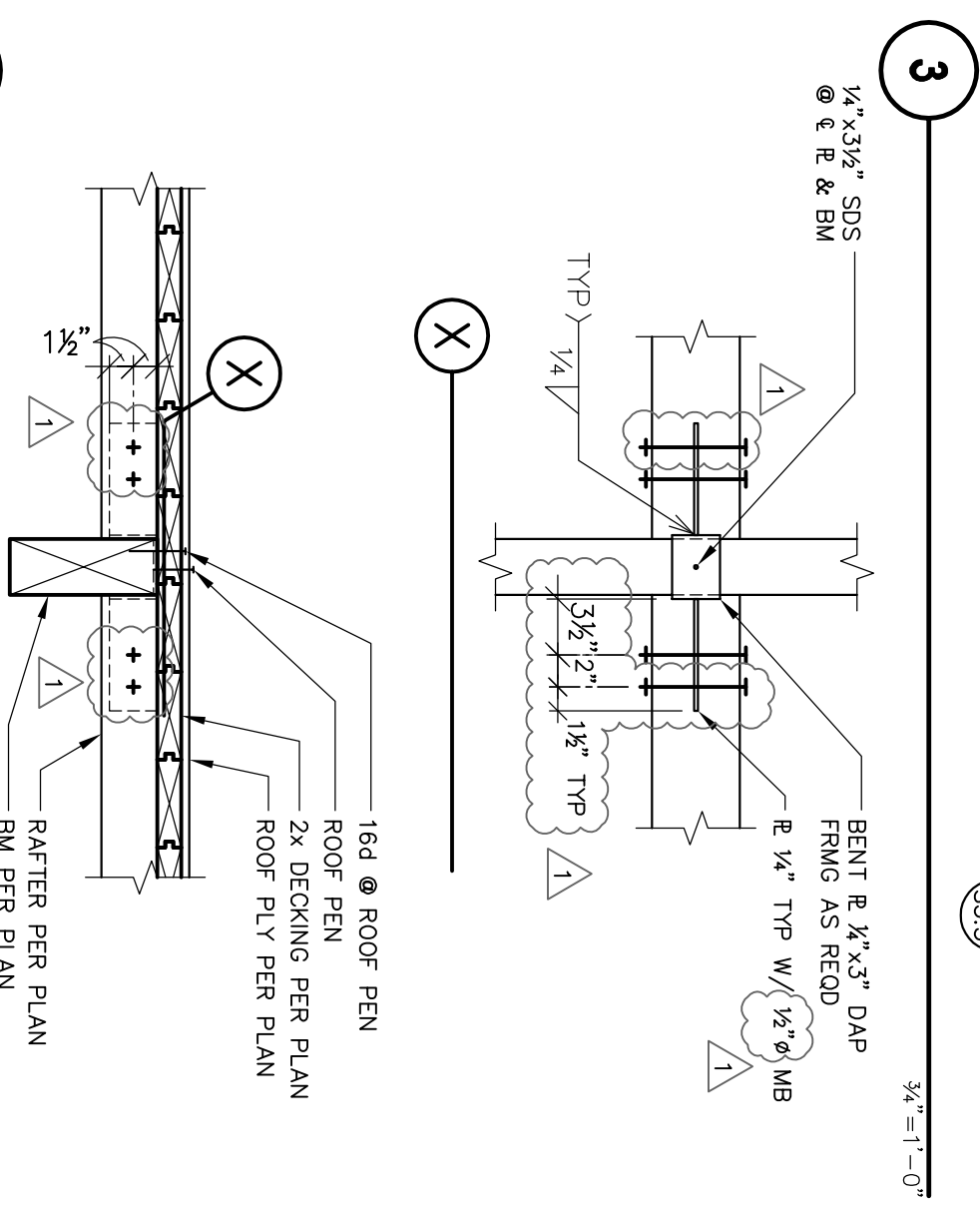
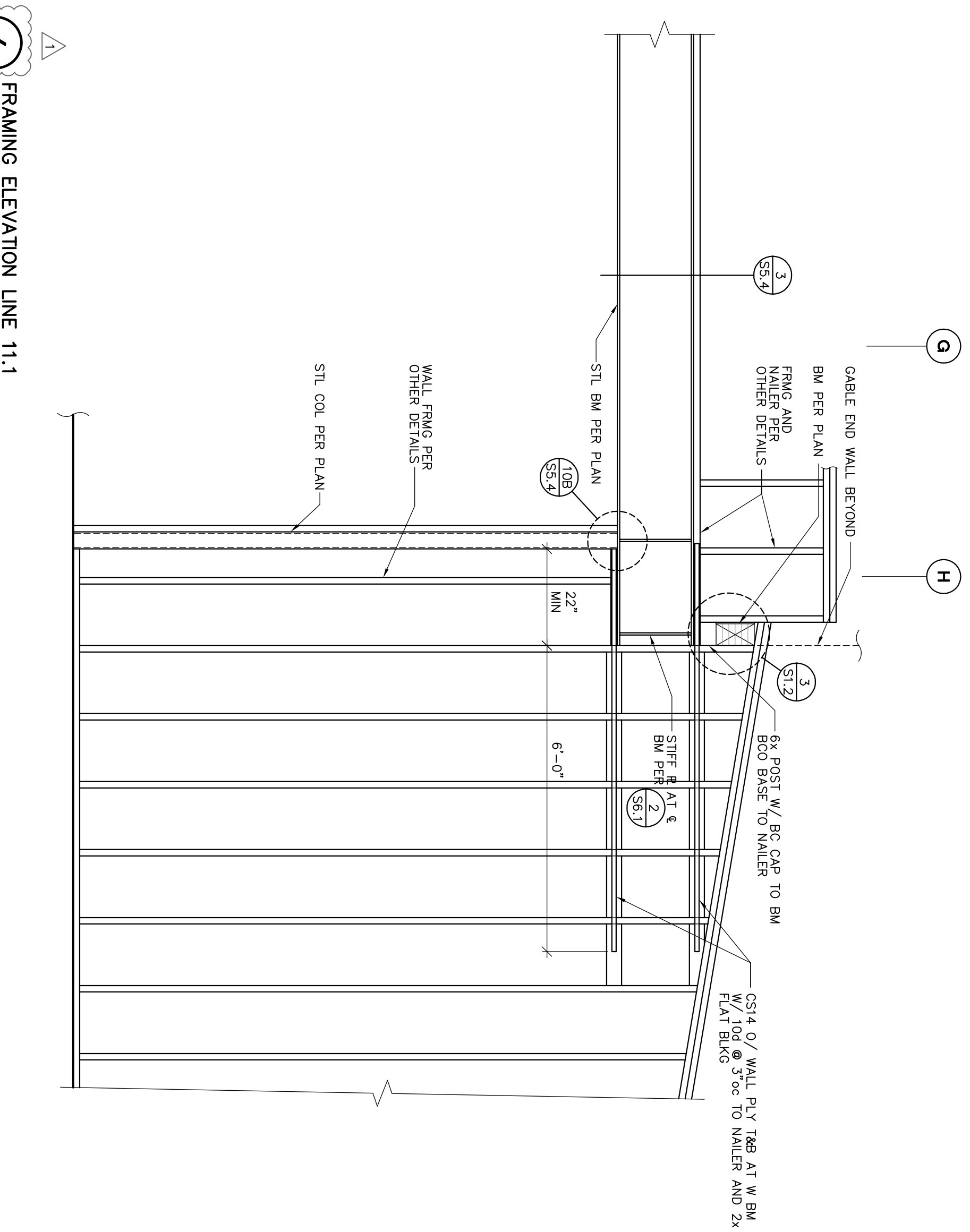
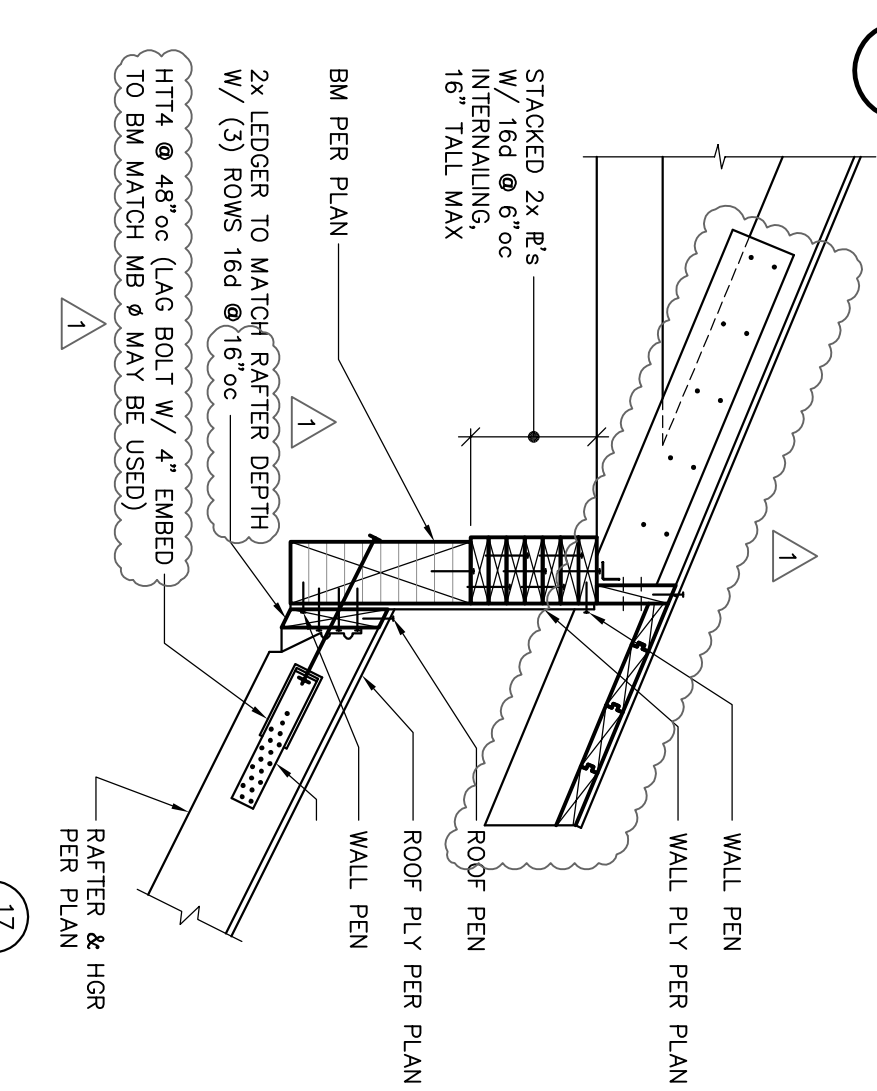
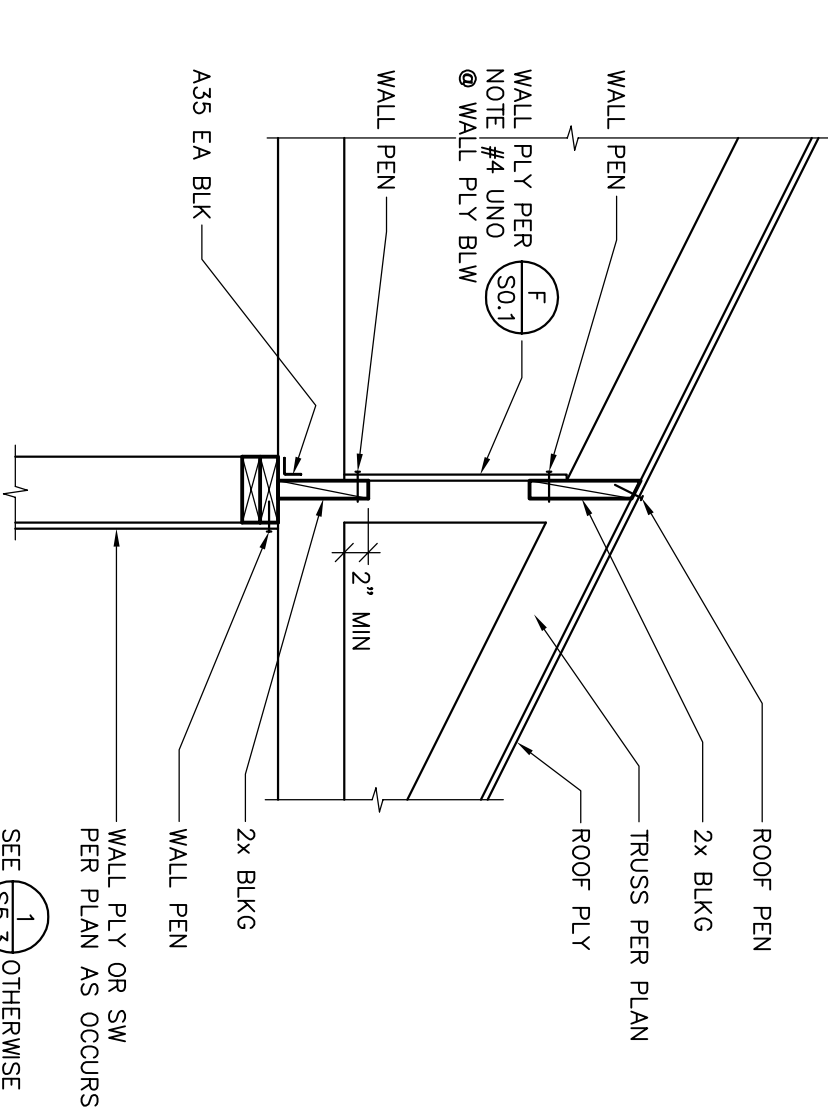
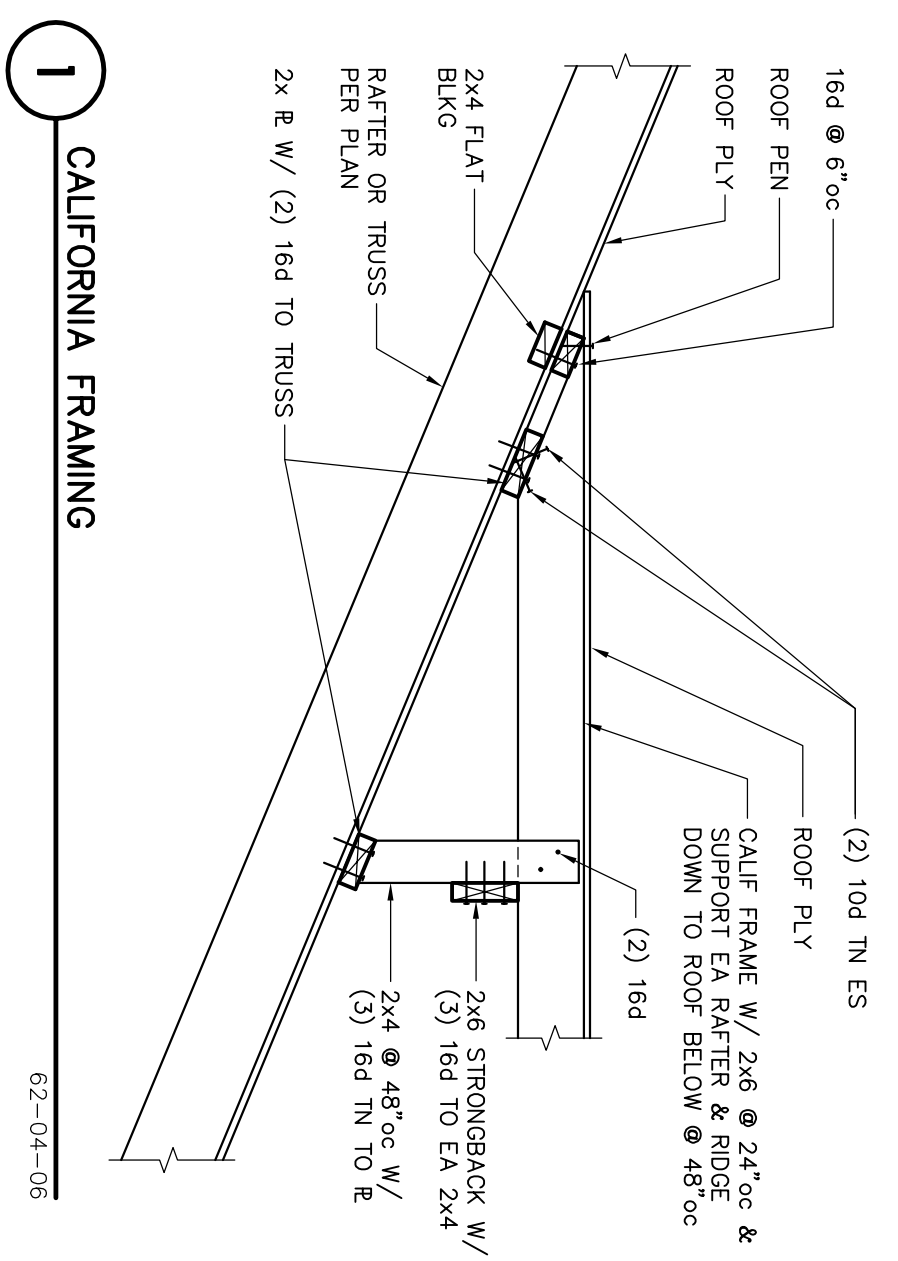
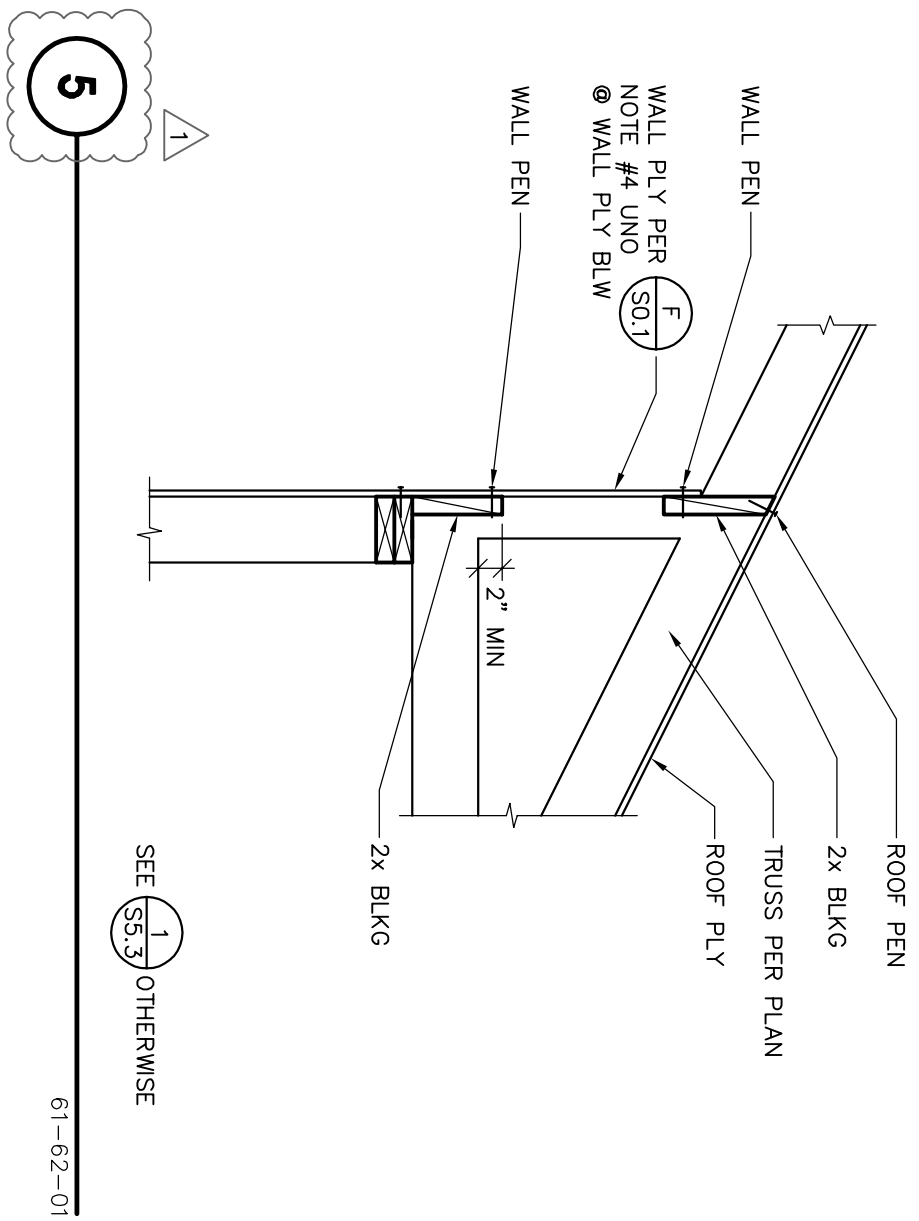
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07.08.10
09.17.10
PLAN CHECK
MODIFIED
FOUNDATIONS

SCALE : AS NOTED
ROOF FRAMING DETAILS
S5.4



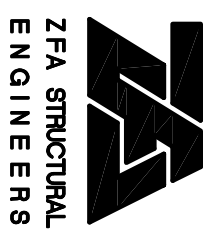
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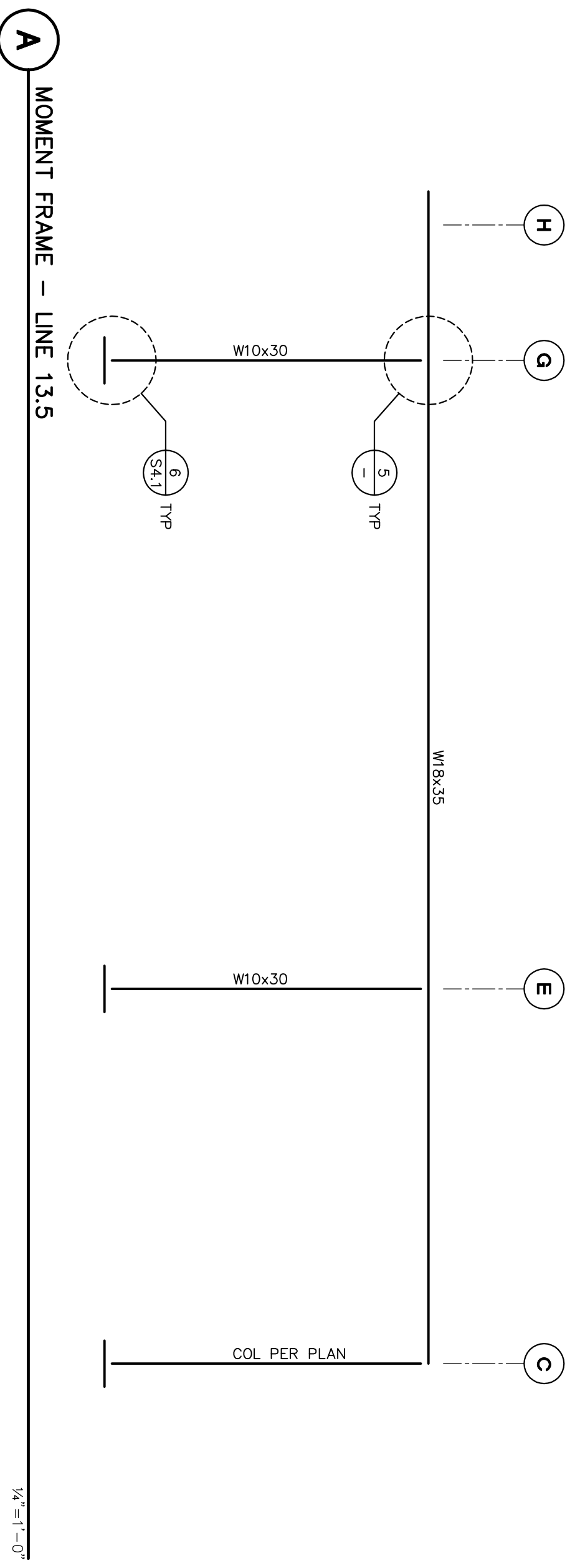
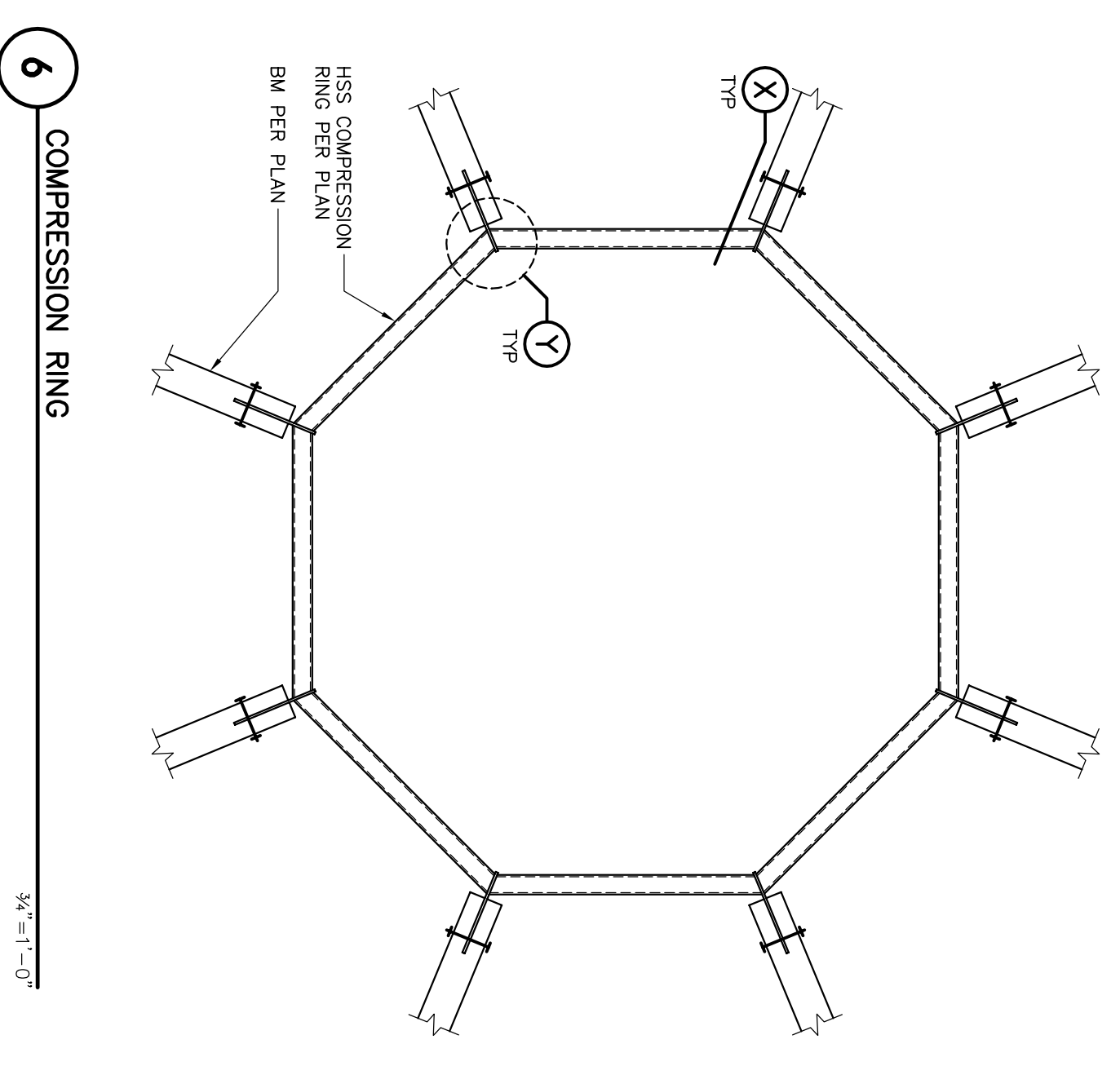
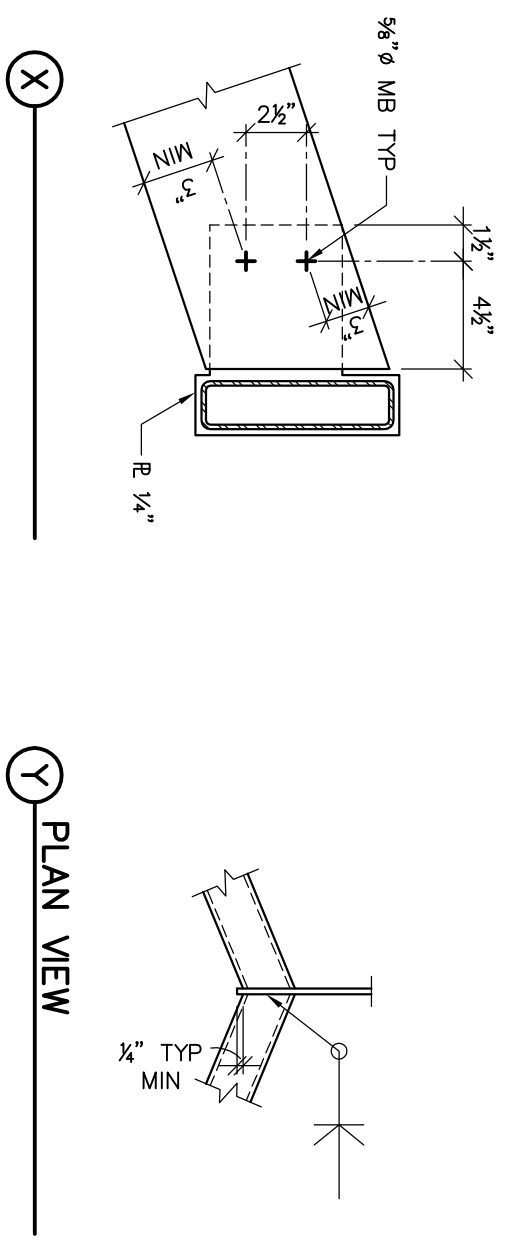
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ROOF FRAMING DETAILS

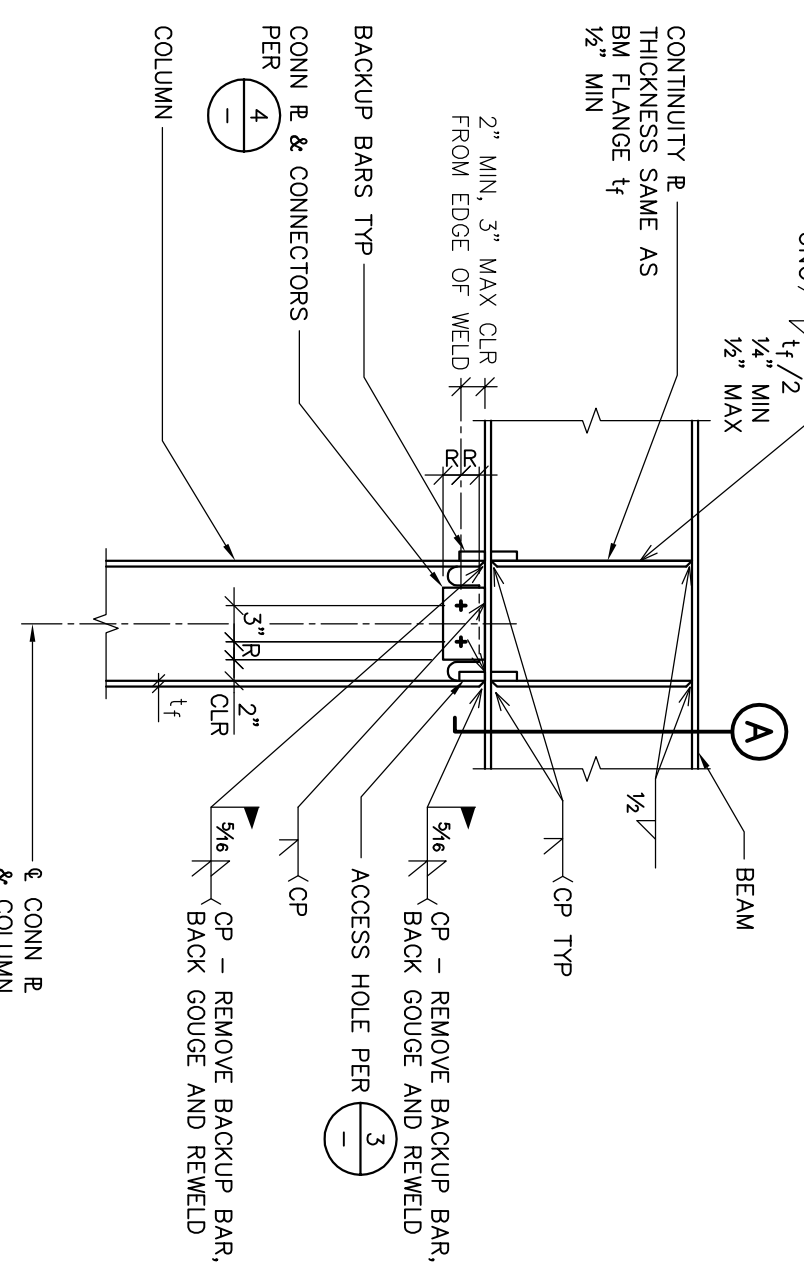
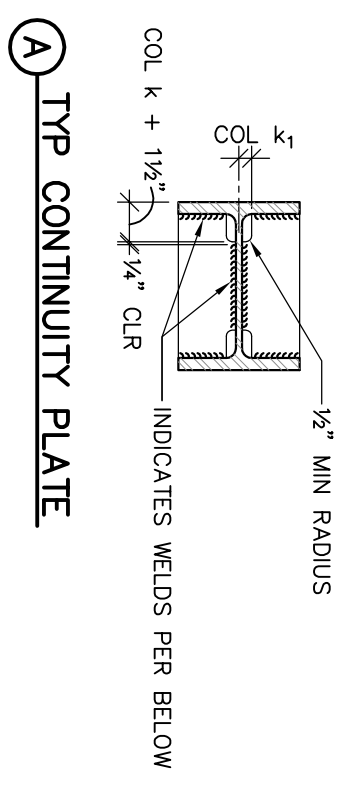
SCALE : AS NOTED

S5.5

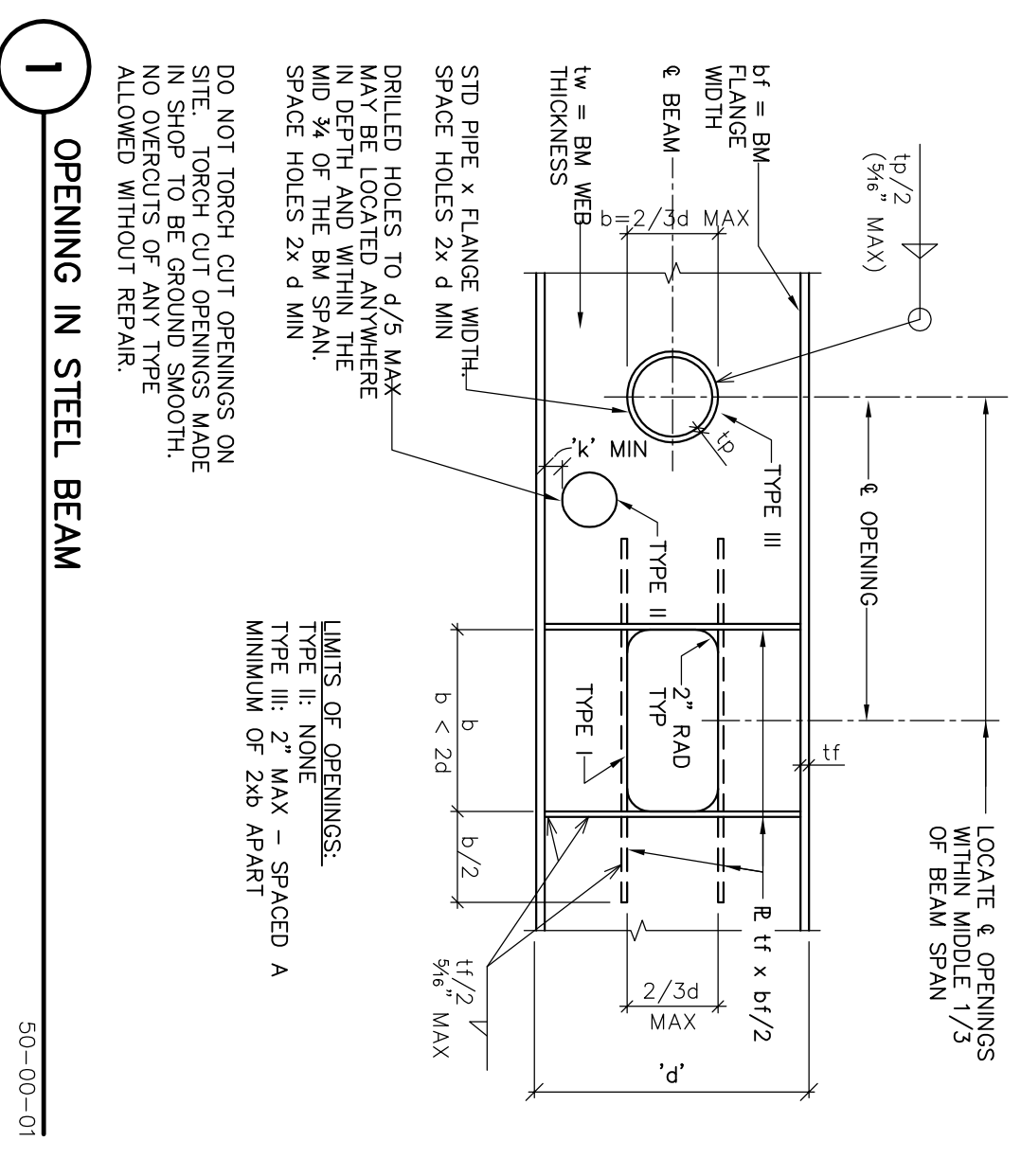


BEAM DEPTH	BOLTING	CONN. FLANGE	WELD SIZE	FULL HT CONN. R.	WELD SIZE
WB, W10	2	R 3/8"	3/8"	R 1/2"	3/4"
WB2	3	R 3/8"	3/8"	R 1/2"	3/4"
WB4, WB6	4	R 3/4"	3/4"	R 1/2"	3/4"
WB8	5	R 3/4"	3/4"	R 1/2"	3/4"
WB21	6	R 3/4"	3/4"	R 1/2"	3/4"

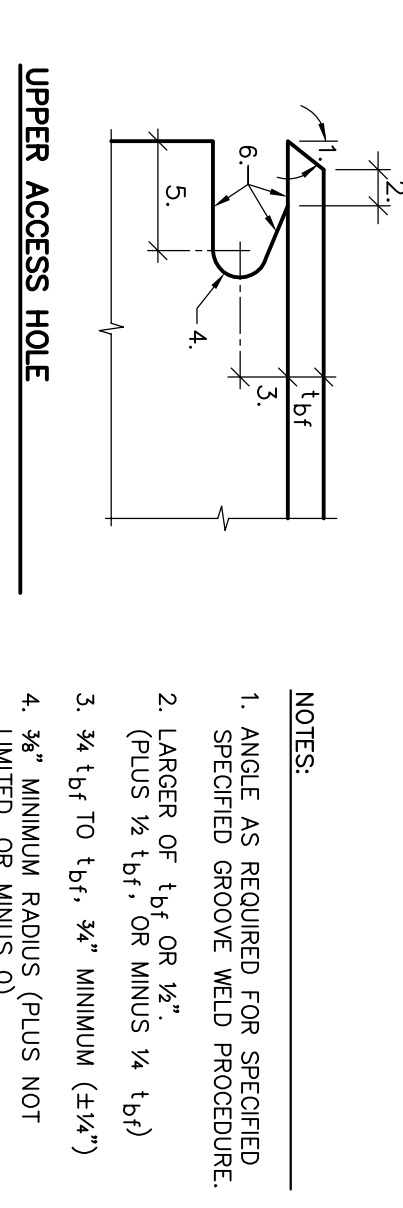
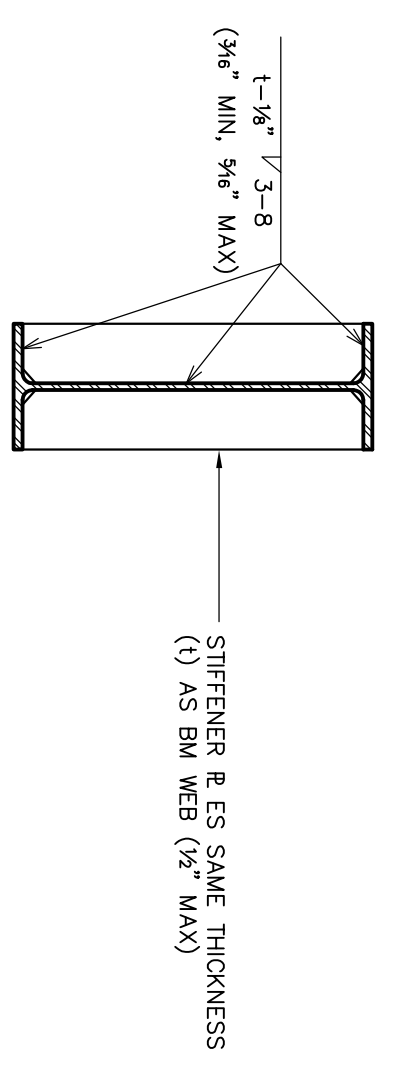
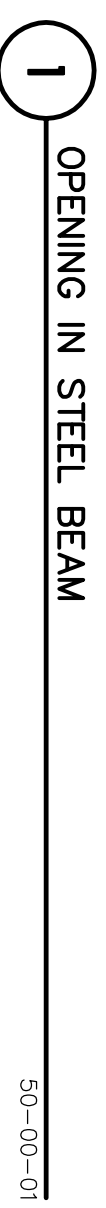
- NOTES:
- R = 1 1/2" MIN
 - FOR CHANNELS USE SAME BOLTING, ETC
 - AS FOR W OF SAME DEPTH. A FULL PENETRATION BEVEL WELD MAY BE SUBSTITUTED FOR THE FILLET WELDS SPECIFIED.
 - HOLE SIZE = BOLT SIZE + 1/4"



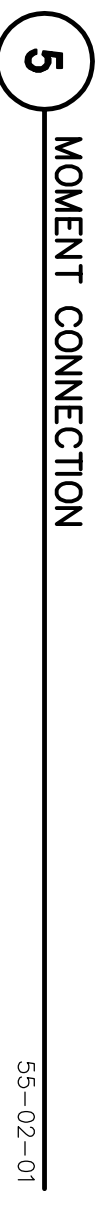
- MOMENT CONNECTION NOTES
- CAP GROOVE WELD AT TOP AND BOTTOM FLANGES, AT TOP & BOTTOM FLANGE. REMOVE WELD BACKING, BACKGROUSE, AND ADD 5/16" MINIMUM FILLET WELD. WELD: OC/QA CATEGORY AH/T.
 - WELD TO COLUMN FLANGE WITH FILLET WELD BOTH SIDES OR WITH CP WELD TO DEVELOP FULL SHEAR STRENGTH OF PLATE. WELD OC/QA CATEGORY BU/T.



- DO NOT TORCH CUT OPENINGS ON SITE. TORCH CUT OPENINGS MADE IN SHOP TO BE GROUND SMOOTH. NO OVERCUTS OF ANY TYPE ALLOWED WITHOUT REPAIR.
- LOCATE & OPENINGS WITHIN MIDDLE 1/3 OF BEAM SPAN
- LIMITS OF OPENINGS:
 TYPE I: NONE
 TYPE II: 2" MAX - SPACED A MINIMUM OF 28" APART
 TYPE III: 2" MAX



- NOTES:
- ANGLE AS REQUIRED FOR SPECKLED SPECKLED GROOVE WELD PROCEDURE.
 - LARGER OF 1 1/2" OR 1/2" (PLUS 1/4 1bf. OR MINUS 1/4 1bf)
 - 3/4 1bf TO 1 1/2", 3/4" MINIMUM (4 1/2") LIMITED, OR MINUS 0)
 - 3 1/2" (4 1/2")
 - SEE SPECIFICATIONS.
 - SEE SPECIFICATIONS.
- TOLERANCES SHALL NOT ACCUMULATE TO THE EXTENT THAT THE ANGLE OF THE ACCESS HOLE CUT TO THE FLANGE SURFACE EXCEEDS 25 DEGREES.



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Checked By: **KCW/KGZ**

Project No: 10094

Date: 05.01.10

Issue: PERMIT SET

07.08.10 PLAN CHECK

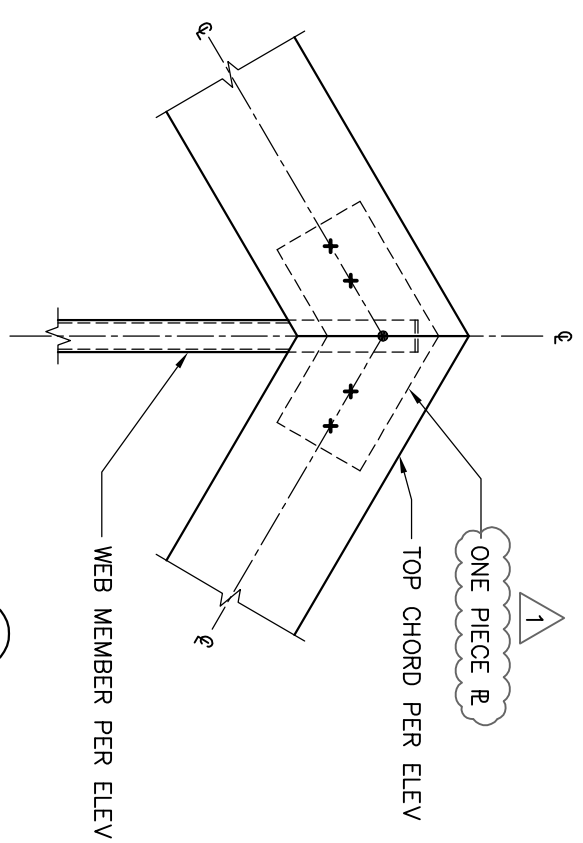
09.17.10 MODIFIED

FOUNDATIONS

STEEL MOMENT FRAME AND COMPRESSION RING DETAILS

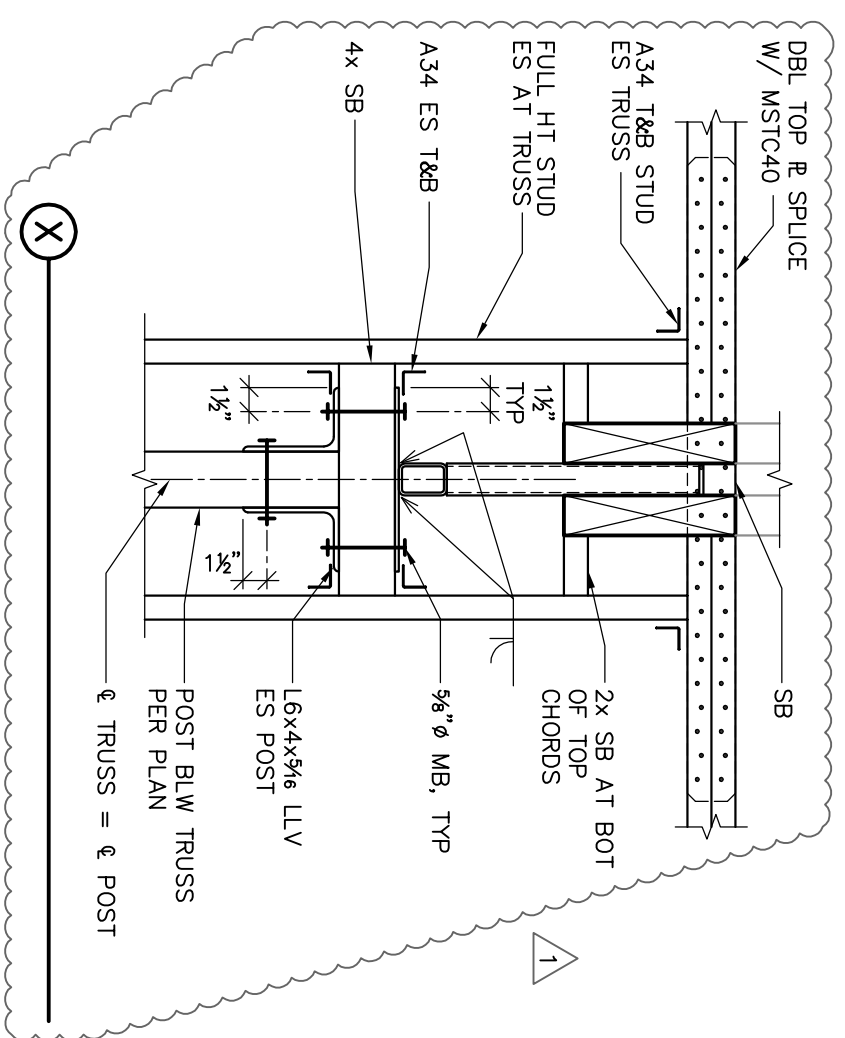
SCALE : AS NOTED

S6.1

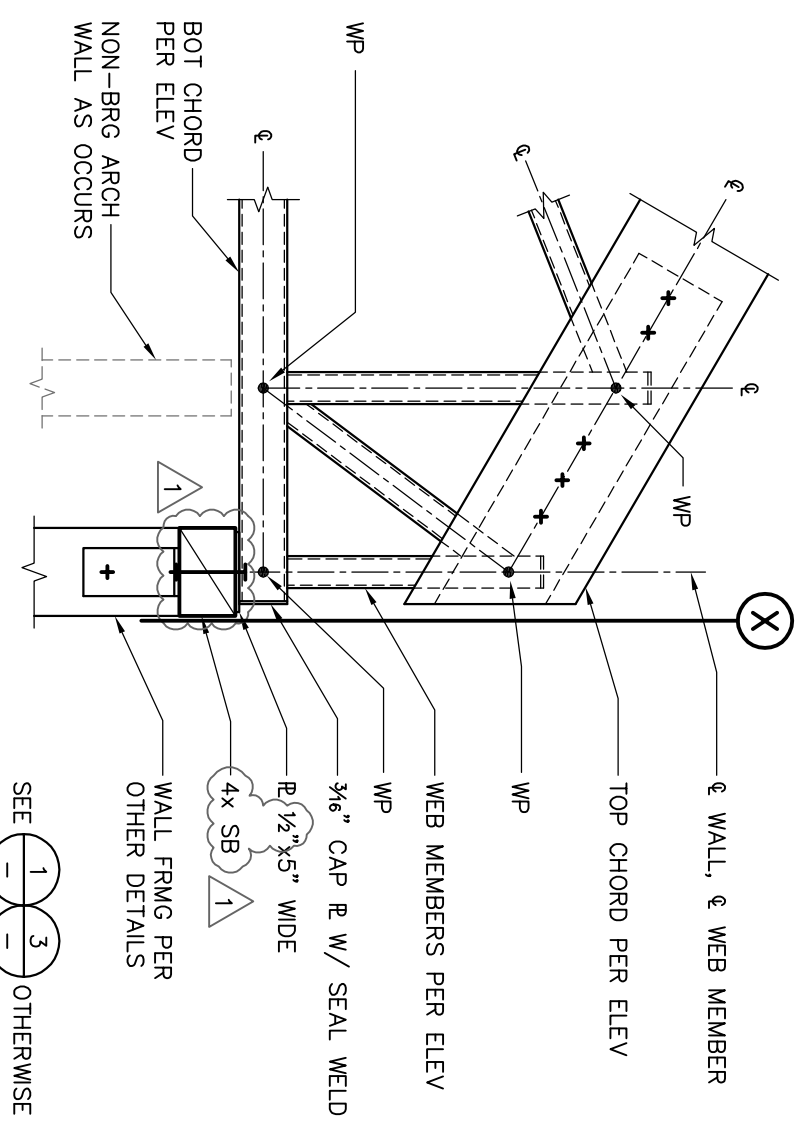


4

1"=1'-0"

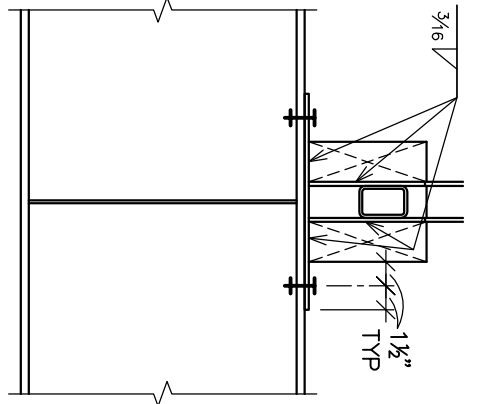


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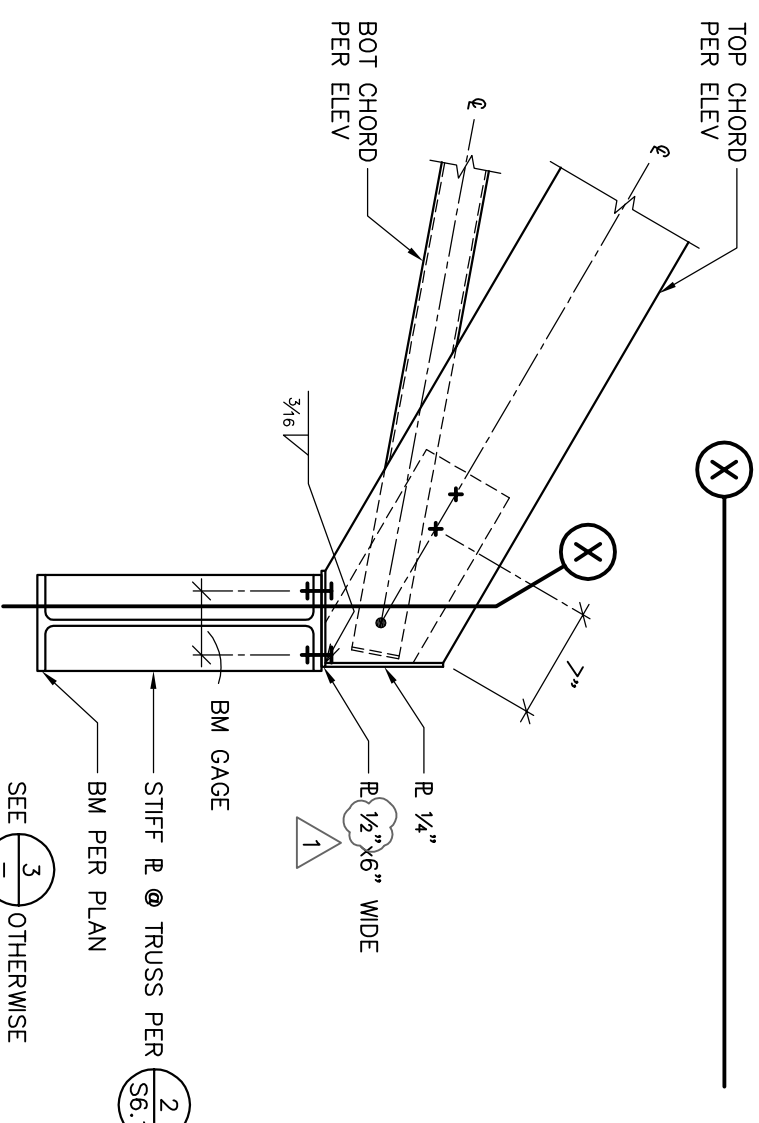


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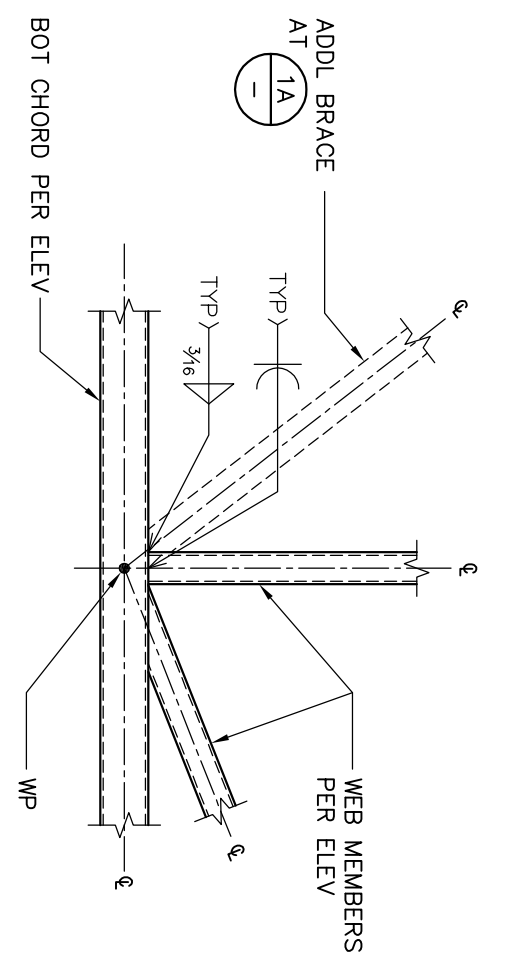


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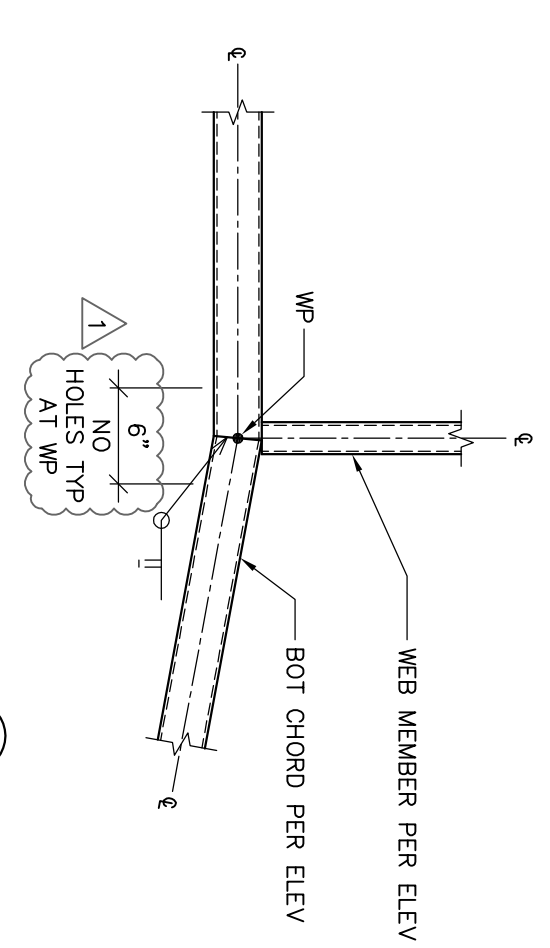
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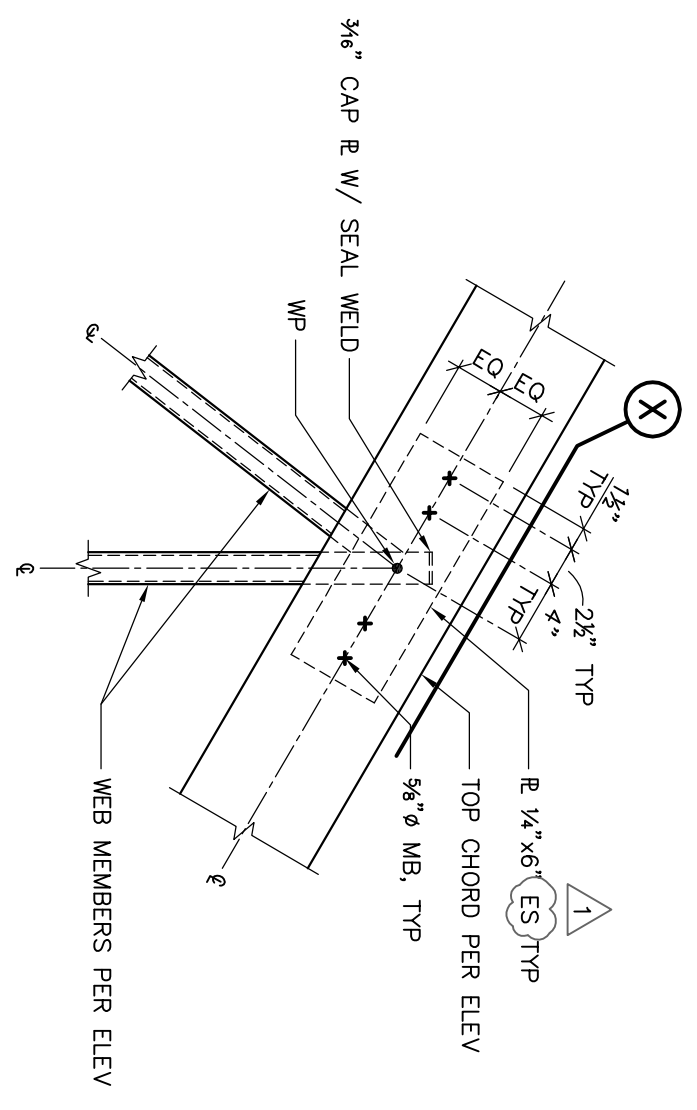
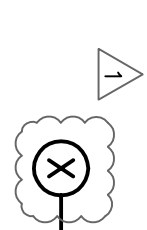
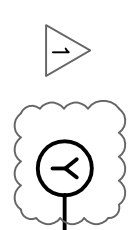
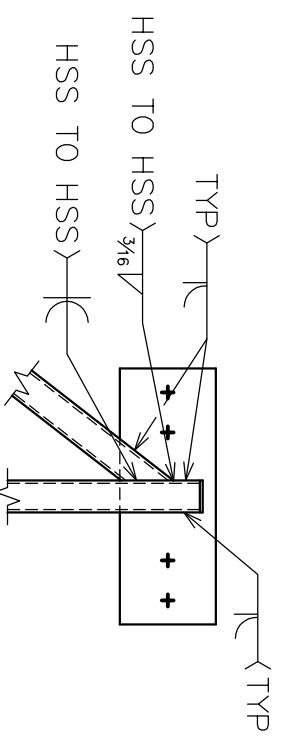
1A

1"=1'-0"



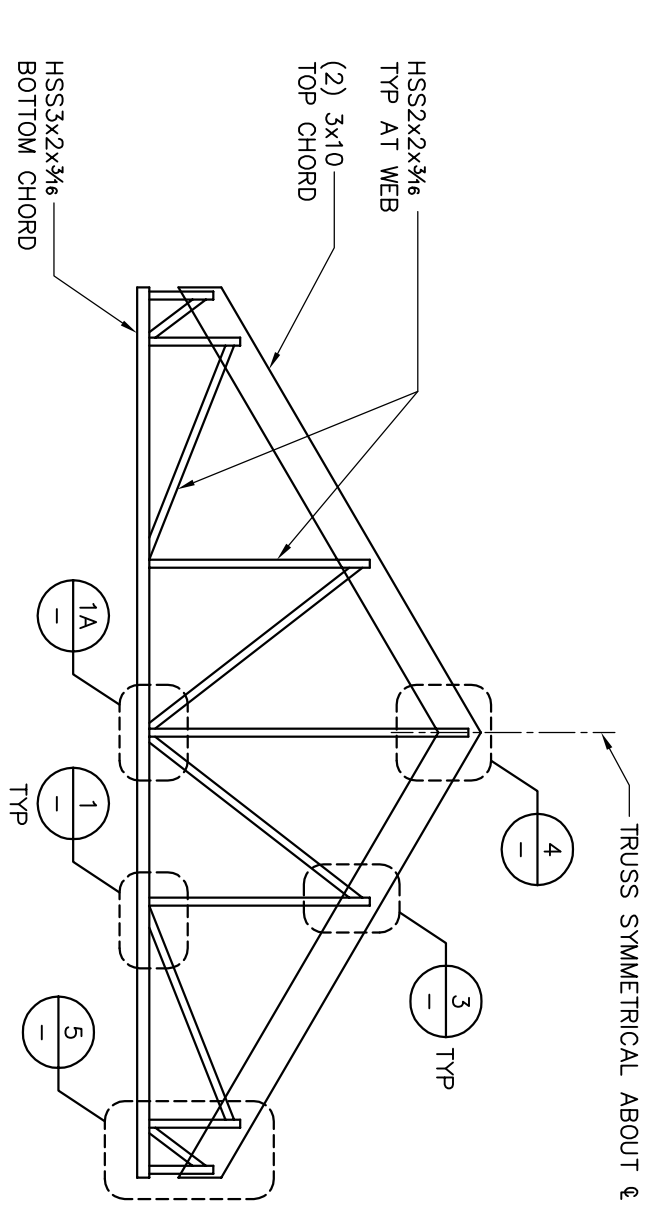
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1"=1'-0"



3

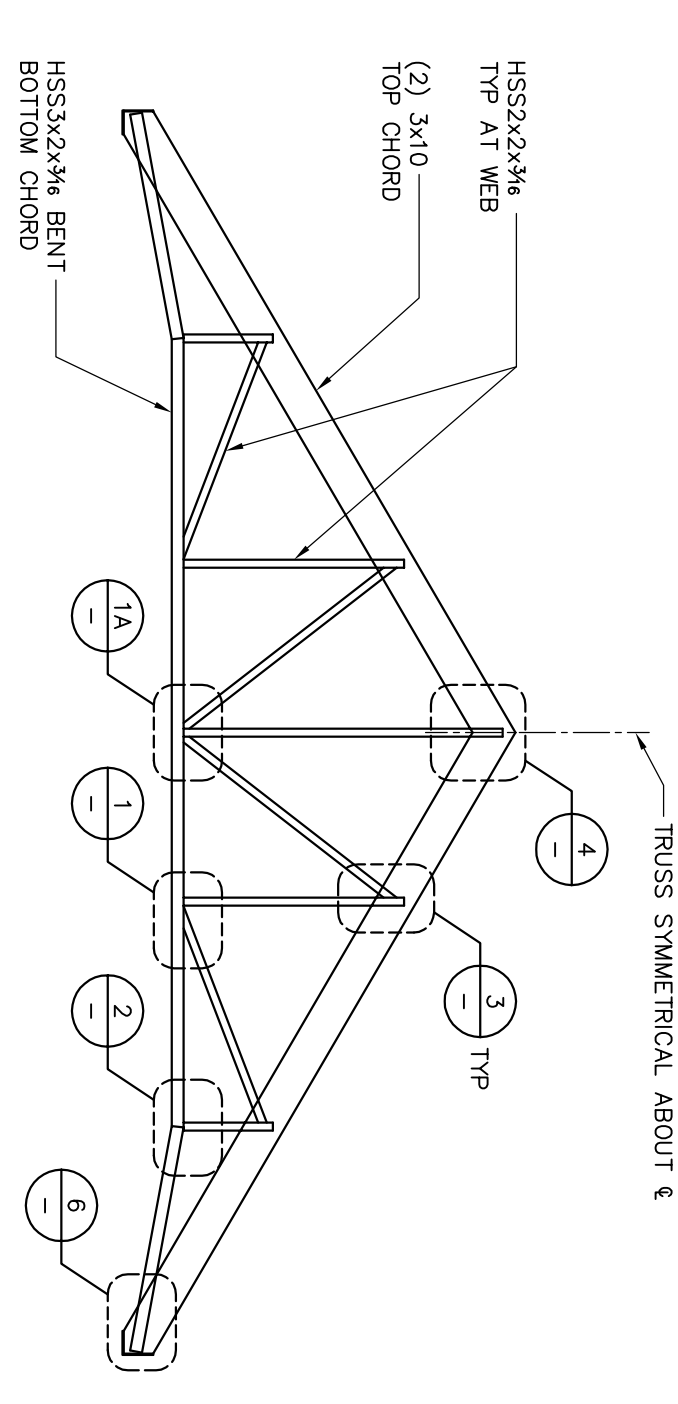
1"=1'-0"



A

DINING ROOM TRUSS ELEVATION

1/4"=1'-0"



B

LIVING ROOM TRUSS ELEVATION

1/4"=1'-0"

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 Checked By: **MCW/KGZ**
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 Issue: **PERMIT SET**
 Date: **07.08.10**
 Modified: **PLAN CHECK**
 Date: **09.17.10**
 Modified: **FOUNDATIONS**

TRUSS ELEVATIONS AND DETAILS
 SCALE : AS NOTED

S7.1

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