

3	ADDENDUM #2	08.01.22
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1	BID SET	07.13.22
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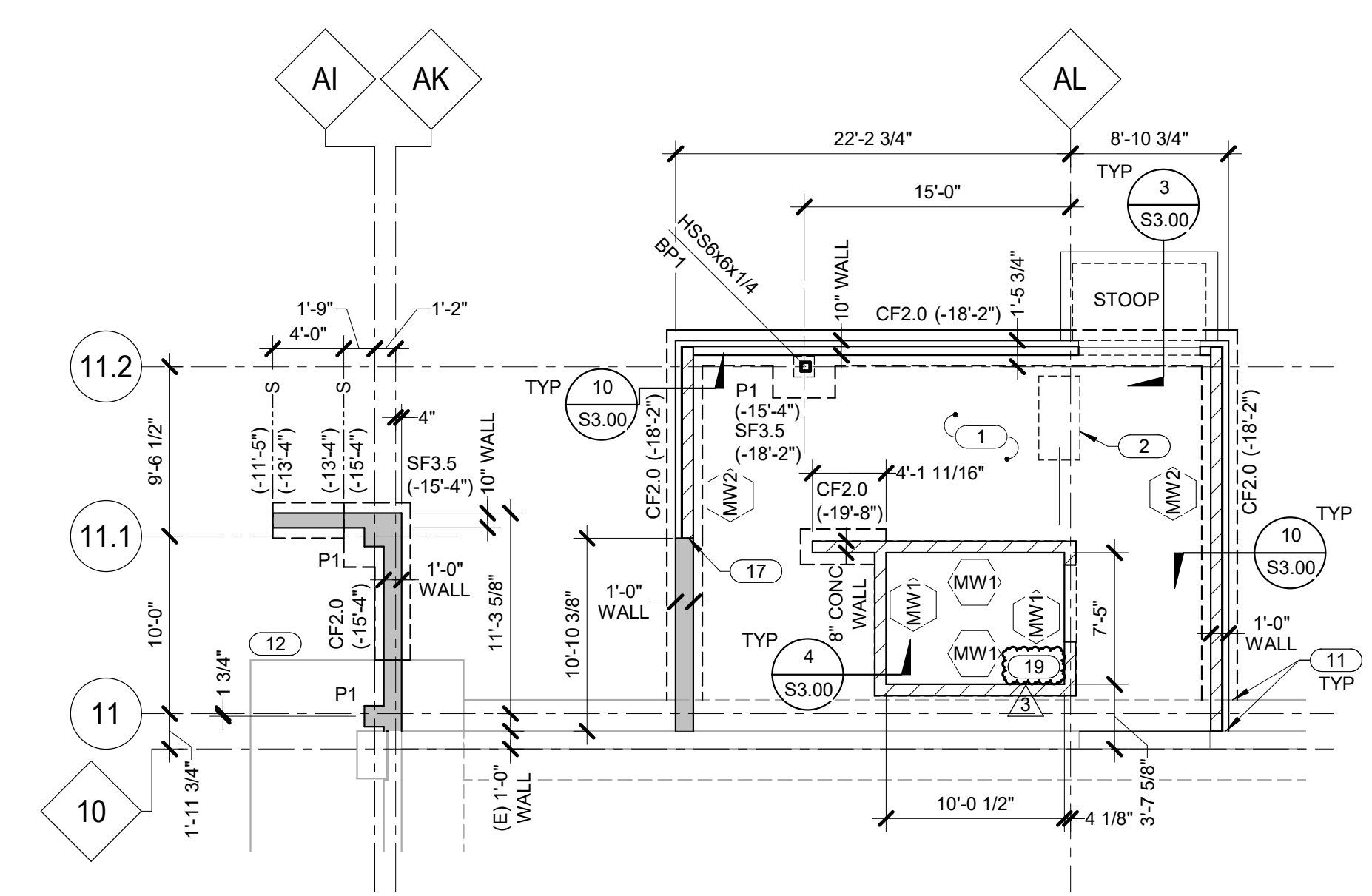
FOUNDATION AND SECOND FLOOR FRAMING PLAN

PROJECT: 21002283.01

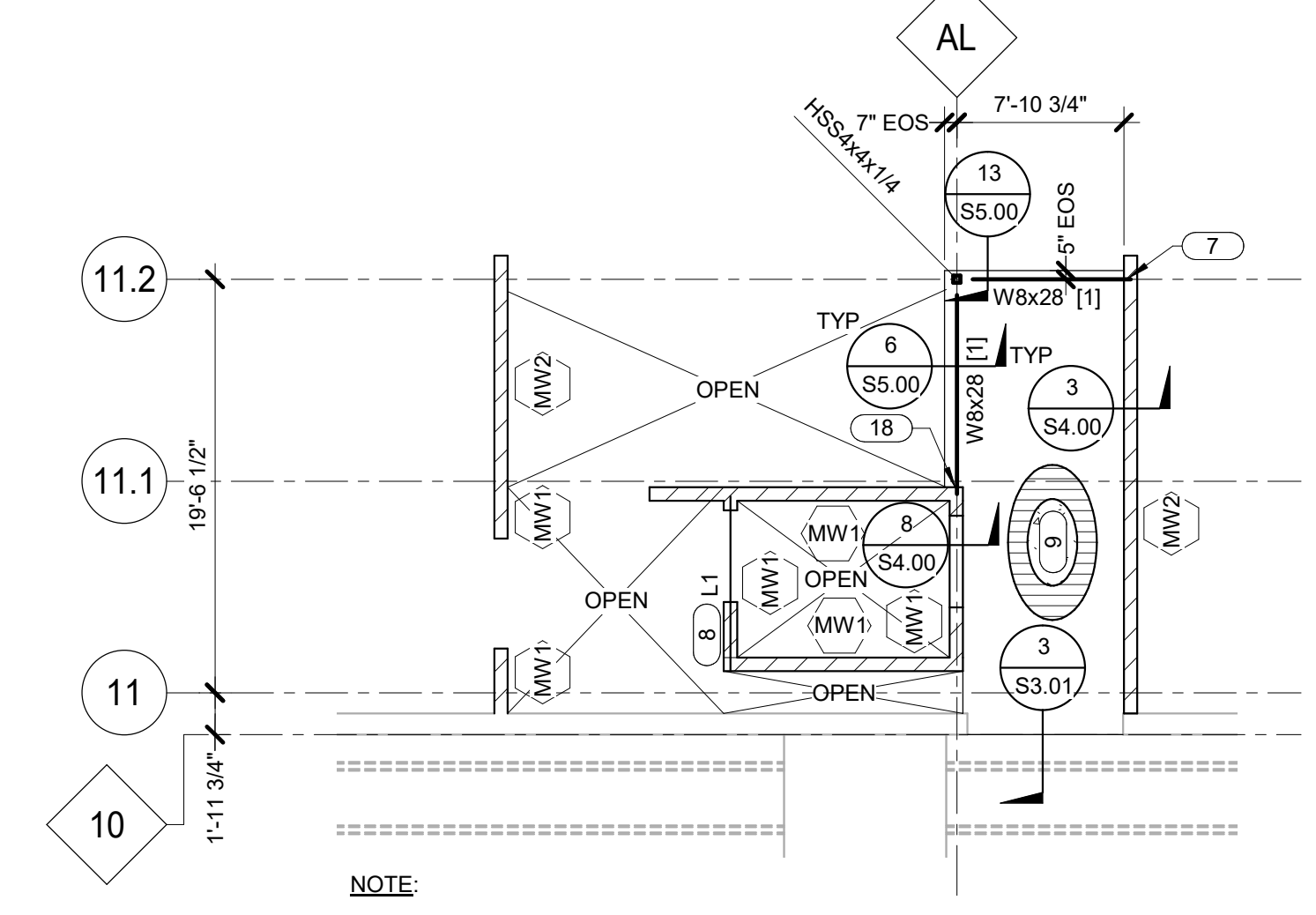
S1.10

- KEYNOTES: (#)**
- 6" CONCRETE SLAB ON GRADE WITH 6x6 - W2 1xW2.1 WWR. T.O. SLAB EL (-14'-8").
 - THICKENED SLAB AT STAIR STRINGER. SEE 9/S.300.
 - 3" NORMAL WEIGHT CONCRETE ON 2" (20 GA) COMPOSITE STEEL DECK. 2 SPAN MINIMUM. WITH 6x6 - W2 1xW2.1 WWR. TOTAL SLAB THICKNESS = 5". TOP OF SLAB ELEVATION (-5'-6").
 - 4" SLAB ON GRADE WITH W1.4x1.4 WWR. T.O. SLAB EL (-7'-1.3/8").
 - 4" SLOPED SLAB ON GRADE WITH W1.4x1.4 WWR. SEE ARCH FOR DETAILS AND EXTENTS.
 - 4" SLAB ON GRADE WITH W1.4x1.4 WWR. T.O. SLAB EL (-5'-6").
 - STEEL BEAM BEARING ON CMU WALL. SEE 6/S4.00 FOR CONNECTION DETAIL.
 - INTEL IS DESIGNED TO SPAN FULL WIDTH OF ELEVATOR SHAFT FOR ELEVATOR INSTALLATION. COORDINATE ROUGH OPENING AND SIZE LOCATION WITH SELECTED ELEVATOR SUPPLIER.
 - 3" NORMAL WEIGHT CONCRETE ON 2" (20 GA) COMPOSITE STEEL DECK. 2 SPAN MINIMUM. WITH 6x6 - W2 1xW2.1 WWR. TOTAL SLAB THICKNESS = 5". TOP OF SLAB ELEVATION (-10'-0").
 - BEAM BEARING ON CONCRETE. SEE DETAIL 15/S3.00.
 - WHERE NEW FOUNDATION WALL AND/OR FOOTINGS MEET EXISTING DOWEL HORIZONTAL BARS 3" INTO EXISTING WITH EPOXY.
 - DOWEL PIER VERTICAL BARS 3" INTO EXISTING FOOTING WITH EPOXY. TOP OF EXISTING SPREAD FOOTINGS EL (-15'-6"). VIF (E) DRAIN TILE MAY CONFLICT WITH PIERS ALONG GRID 11 THUS REQUIRING RECONFIGURATION AND REINSTALLATION OF (E) DRAIN TILE.
 - 2" EXPANSION JOINT AT EXISTING WALL. TYP UON.
 - EXTEND TYPICAL CMU DECK EDGE ANGLE AND PROVIDE SHEAR TAB CONNECTION TO L6x4x3/8 USING LONG SLOTTED HOLES. SEE 3/S5.00 FOR SCHEDULE.
 - TEMPORARY HORIZONTAL BRACING AT TOP OF WALL IS REQUIRED UNTIL SLAB ON GRADE IS PLACED AND REACHES 75% DESIGN STRENGTH. SHORING TO BE DESIGNED FOR A 600 LB PER FOOT HORIZONTAL FORCE.
 - WHERE THE FROST APRON FOR THE STOOP CONFLICTS WITH EXISTING OR NEW FOOTINGS, THE FOOTINGS TAKE PRECEDENCE AND THE STOOP REINFORCEMENT SHALL DOWEL INTO THE FOOTING AT EXISTING FOOTING. EXTEND STOOP REBAR 3" IN AND EPOXY EXACT INTERSECTION OF EXISTING FOOTING AND STOOP TO BE VIF.
 - CONCRETE WALL HORIZONTAL REINFORCEMENT TO EXTEND DEVELOPMENT LENGTH INTO CMU WALL. SEE 6/S4.00 FOR BEARING DETAIL.
 - ELEVATOR PIT TOP OF SLAB ELEVATION (-19'-3").

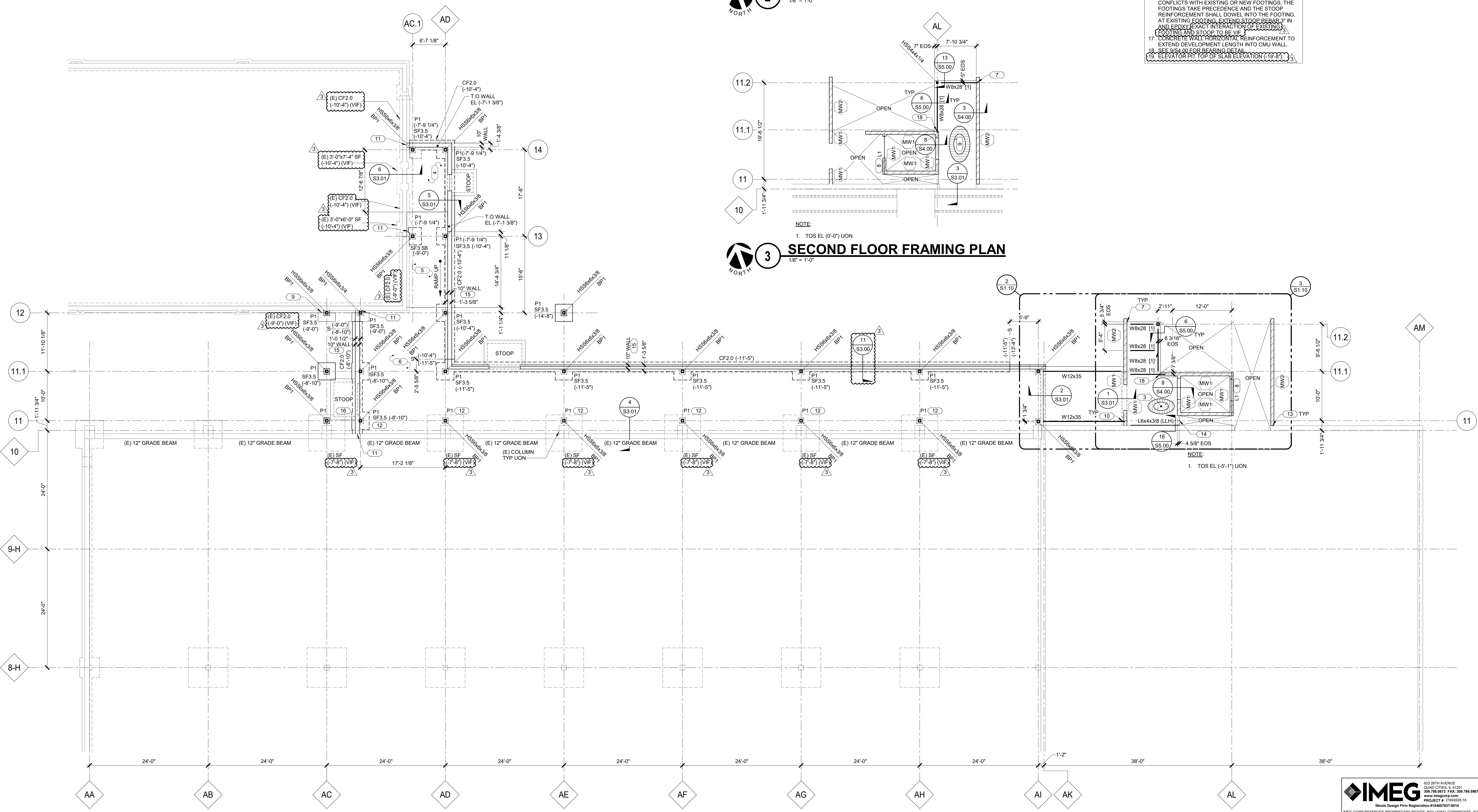
- NOTES:**
- SEE S3.00 FOR TYPICAL SLAB ON GRADE CONSTRUCTION DETAILS.
 - SF# AND CF# REPRESENT SPREAD FOOTING AND CONTINUOUS FOOTING, RESPECTIVELY. SEE SHEET S0.02 FOR SCHEDULES. TOP OF FOOTING EL (SEE PLAN), UON.
 - PI# REPRESENTS CAST IN PLACE PIER. TOP OF PIER EL (-6'-2"). UON. SEE S3.00 FOR SCHEDULE DETAILS.
 - BP# REPRESENTS BASE PLATE. SEE S5.00 FOR BASE PLATE DETAILS.
 - TOP OF FOUNDATION WALL EL = TOP OF SLAB EL. UON. SEE S0.02 FOR SCHEDULE.
 - PROVIDE 2-#2x2-6" CORNER BARS FOR FOOTING AND WALL INTERSECTIONS. BAR SIZE AND QUANTITY TO MATCH LONGITUDINAL AND HORIZONTAL BARS.
 - FOR PIPING AND CONDUIT THROUGH FOUNDATIONS, SEE S53.00.
 - MW# REPRESENTS CMU WALL. SEE S0.02 FOR CMU WALL SCHEDULE.
 - T.O. STEEL EL (VARIES. SEE PLAN), UON.
 - SEE SHEET S4.00 FOR TYPICAL BEAM BEARING ON CMU DETAILS.
 - SEE S3.00 FOR TYPICAL SHEAR CONNECTION DETAILS.
 - SEE 3/S4.00 FOR SLAB ON DECK BEARING AT CMU WALL.
 - SEE ARCHITECTURAL FOR DIMENSIONS NOT GIVEN HERE.
 - SEE ARCHITECTURAL DEMO PLANS FOR MORE INFORMATION.
 - UNDERPINNING OF EXISTING FOUNDATION REQUIRED IN AREA NEAR ELEVATOR SHAFT.
 - ELEVATIONS AND CONDITIONS PERTAINING TO EXISTING BUILDINGS TO BE VERIFIED IN FIELD BY GENERAL CONTRACTOR.
 - (#) INDICATES NUMBER OF 3/4" x 4" HEADED STUDS PER FOOT ALONG BEAM LENGTH. SEE 4/S5.00 AND 7/S5.00.



2 BASEMENT PLAN - AREA A
1/8" = 1'-0"



3 SECOND FLOOR FRAMING PLAN
1/8" = 1'-0"



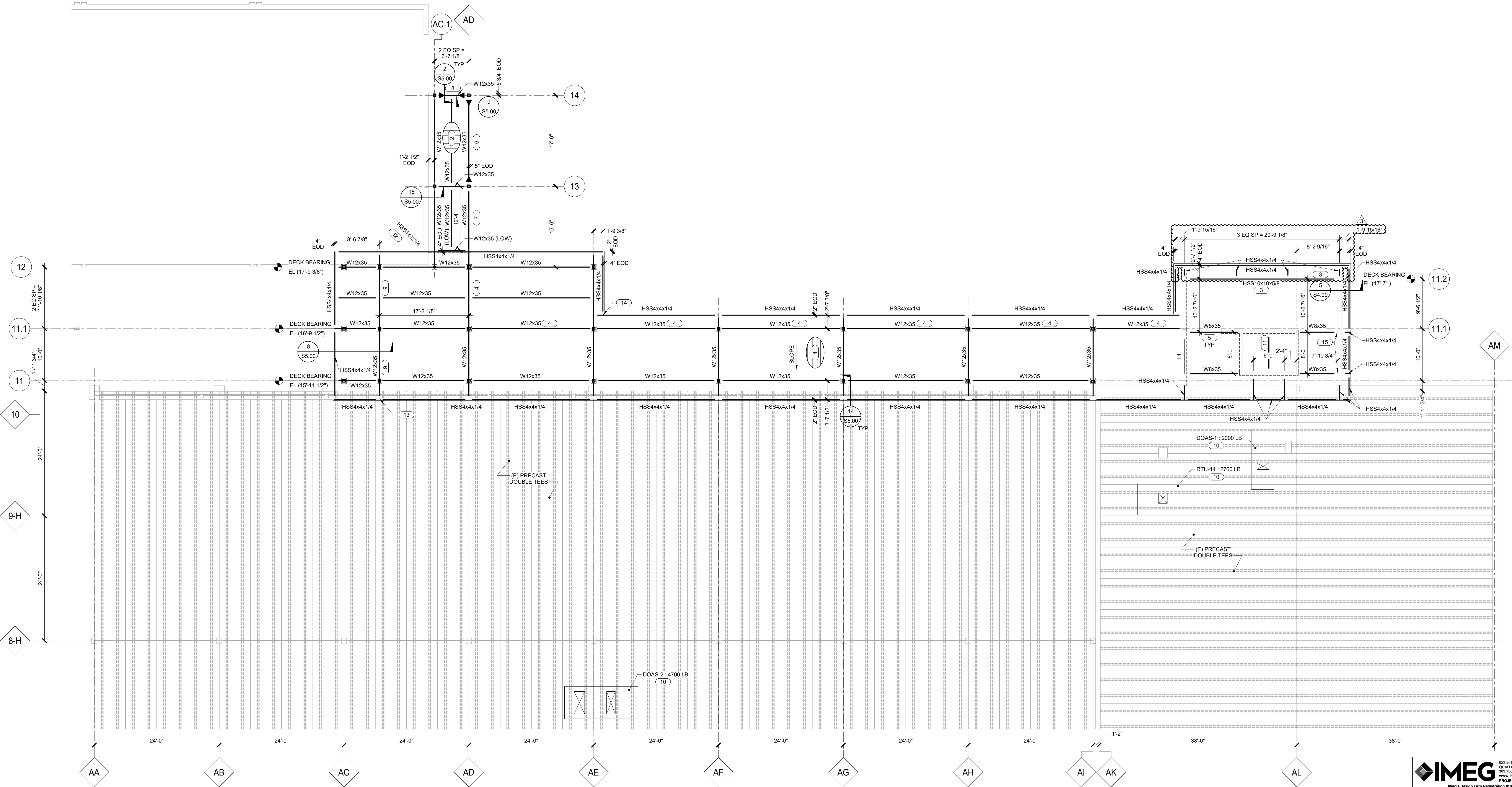
1 FOUNDATION PLAN
1/8" = 1'-0"

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0 1 2 3

- NOTES:**
1. TOP OF STEEL EL VARIES. SEE DECK BEARING EL FOR T.O. STEEL ELEVATION, UON.
 2. SEE S5.00 FOR TYPICAL SHEAR AND MOMENT CONNECTION DETAILS.
 3. SEE S0.02 FOR CMU WALL SCHEDULE.
 4. SEE S0.02 FOR LINTELS IN STRUCTURAL CMU WALLS.
 5. SEE ARCHITECTURAL AND FOUNDATION DRAWINGS FOR DIMENSIONS NOT GIVEN HERE.
 6. PROVIDE ANGLE FRAMING AROUND ROOF OPENINGS PER 11/S5.00.

- KEYNOTES: (#)**
1. 3" (18 GA) TYPE N STEEL DECK, 2 SPAN MINIMUM. FASTENING = 32/5 (2) WITH 5/8" PUDDLE WELDS AND #10 SIDELAP SCREWS. DECK BEARING SLOPES AS SHOWN ON PLAN.
 2. 1 1/2" (20GA) TYPE B STEEL DECK, 2 SPAN MINIMUM. FASTENING = 36/4 (3) WITH 5/8" PUDDLE WELDS AND #10 SIDELAP SCREWS. DECK BEARING EL (+10'-7"). UON.
 3. HSS8x6x3/8 (LSV) (+7'-1 3/4") WIND GIRT. SEE DETAIL 12/S5.00.
 4. HSS4x4x1/4 EL (+6'-10 1/4") WIND GIRT. SEE DETAIL 12/S5.00.
 5. BEAM BEARING ON CMU WALL. SEE DETAIL 6/S4.00 AND 9/S4.00.
 6. HSS5x5x3/8 EL (+4'-5 1/2") WIND GIRT. SEE DETAIL 12/S5.00.
 7. HSS4x4x1/4 EL (+4'-4 1/2") WIND GIRT. SEE DETAIL 12/S5.00.
 8. HSS4x4x1/4 EL (+6'-6") WIND GIRT. SEE DETAIL 12/S5.00.
 9. HSS4x4x1/4 EL (+6'-11 1/4") WIND GIRT. SEE DETAIL 12/S5.00.
 10. DO NOT CUT (E) DOUBLE TEE STEMS FOR NEW DUCTWORK PENETRATIONS.
 11. W8x24 HOIST BEAM. VERIFY HOIST BEAM ELEVATION AND LOCATION WITH ELEVATOR MANUFACTURER. SEE 13/S5.00 FOR TYPICAL HANGER DETAIL.
 12. PROVIDE FULL PENETRATION FIELD WELD WHERE HSS BEAMS MEET END-TO-END AROUND ROOF DECK PERIMETER, TYP.
 13. PROVIDE ALL-AROUND FIELD WELD CONNECTION OF HSS-TO-PERPENDICULAR HSS ROOF DECK PERIMETER BEAMS, TYP.
 15. SEE 6/S4.00 SIM AND 10/S5.00 FOR CONNECTION THROUGH CMU WALL.

SCOTT COMMUNITY COLLEGE - BELMONT CAMPUS
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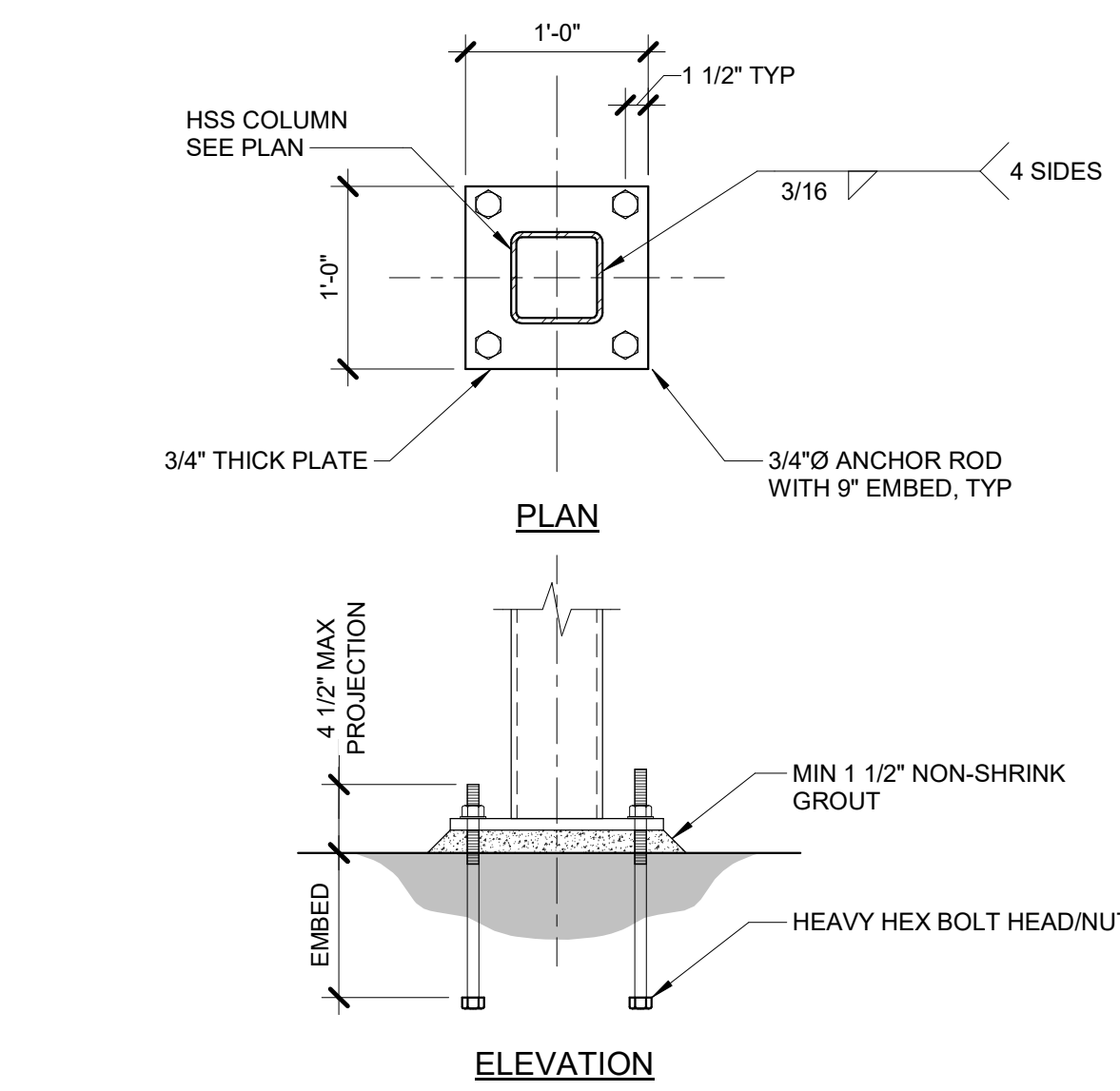
ROOF FRAMING PLAN

1 HIGH ROOF FRAMING PLAN - AREA A
1/8" = 1'-0"

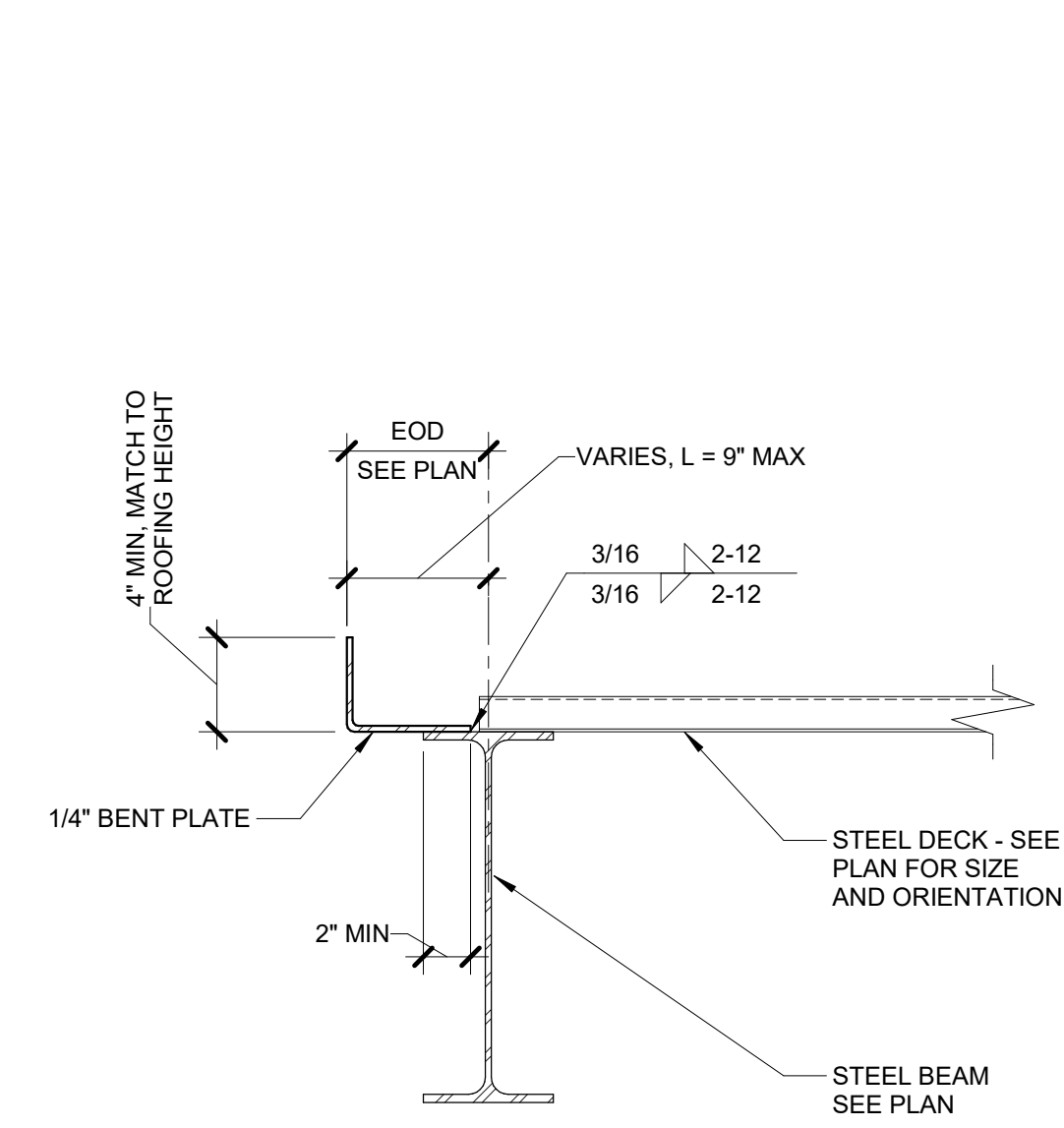
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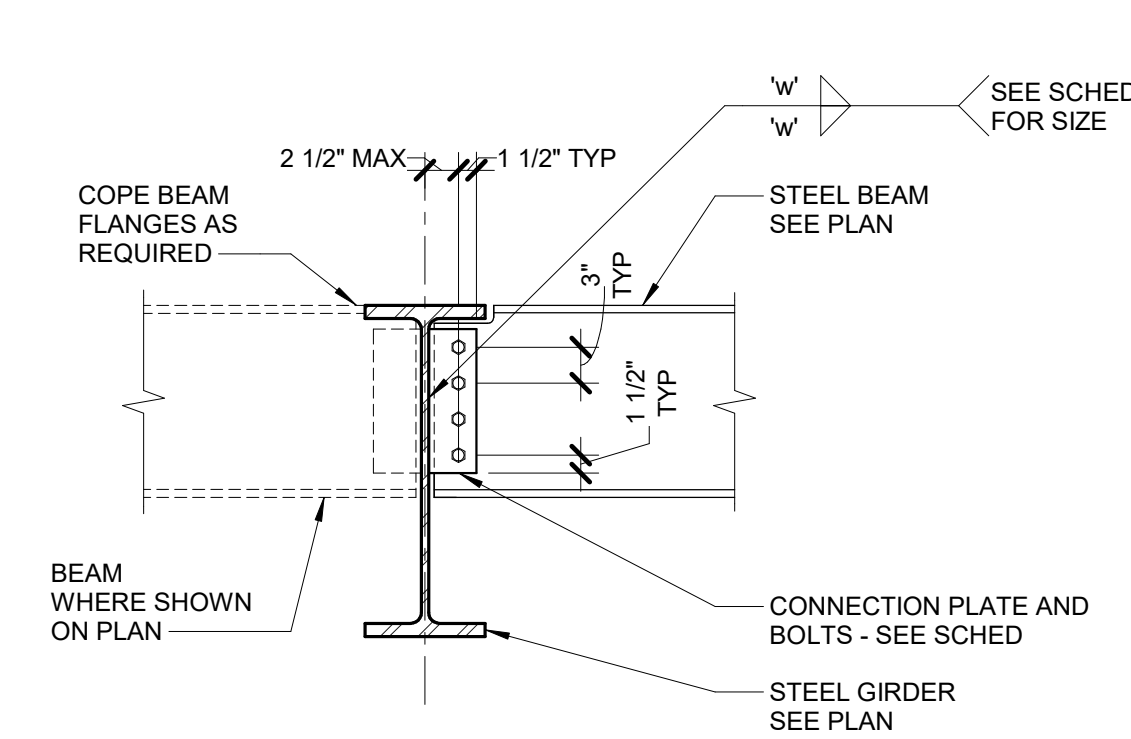
S1.12



1 HSS COLUMN BASE PLATE
3/4" = 1'-0"



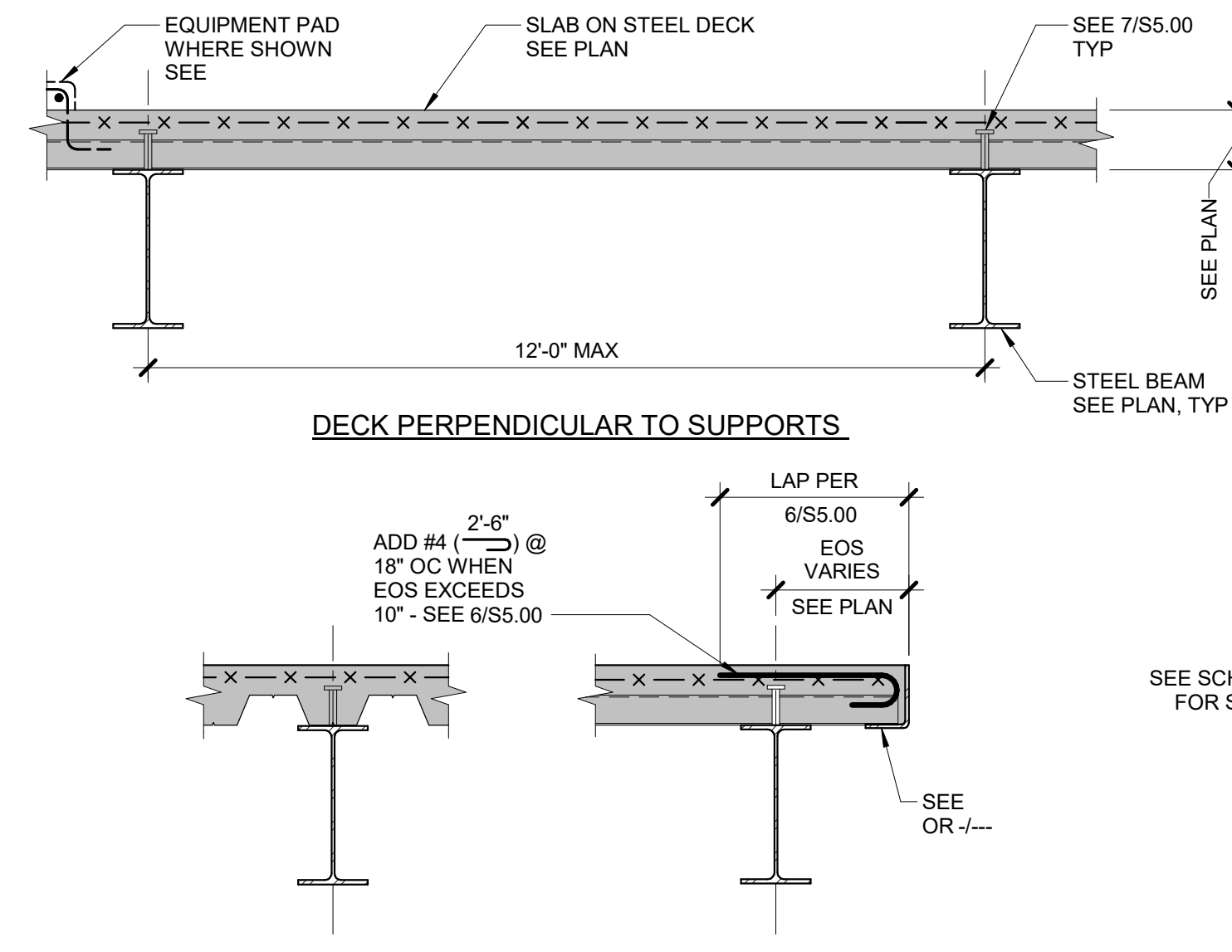
2 TYPICAL ROOF DECK EDGE DETAIL
1 1/2" = 1'-0"



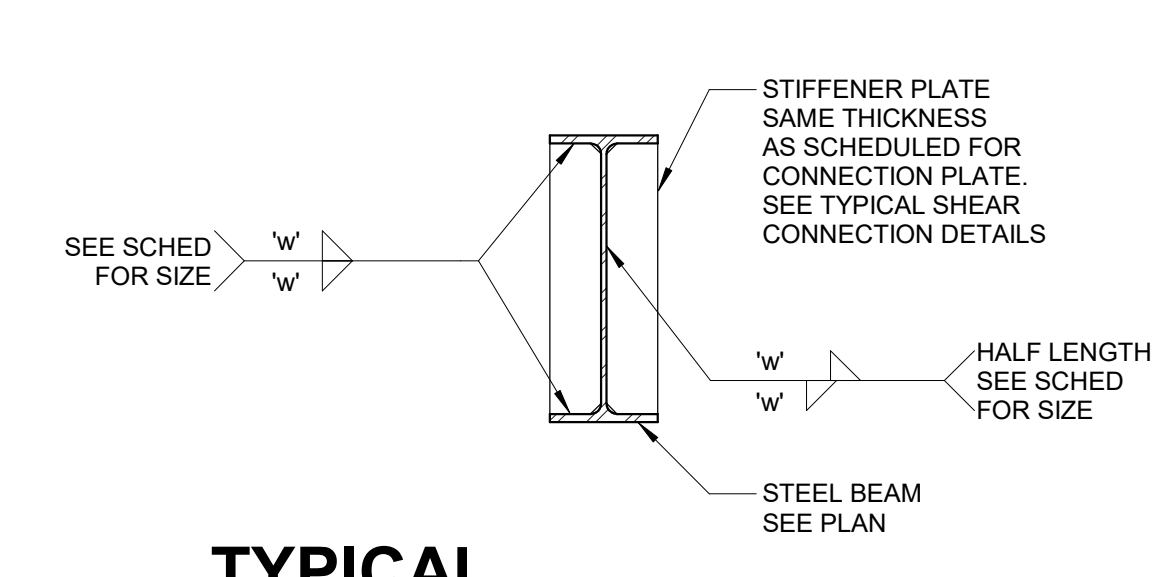
GRAVITY BEAM CONNECTION SCHEDULE

BEAM SIZE	NO. OF BOLTS (2) (3)	CONNECTION WITH 3/4" Ø BOLTS	REMARKS	
		PL THICK	PL WELD (1)	
C8, C10	2	1/4"	3/16"	
W8, W10	2	1/4"	3/16"	
W12, W14	3	1/4"	3/16"	

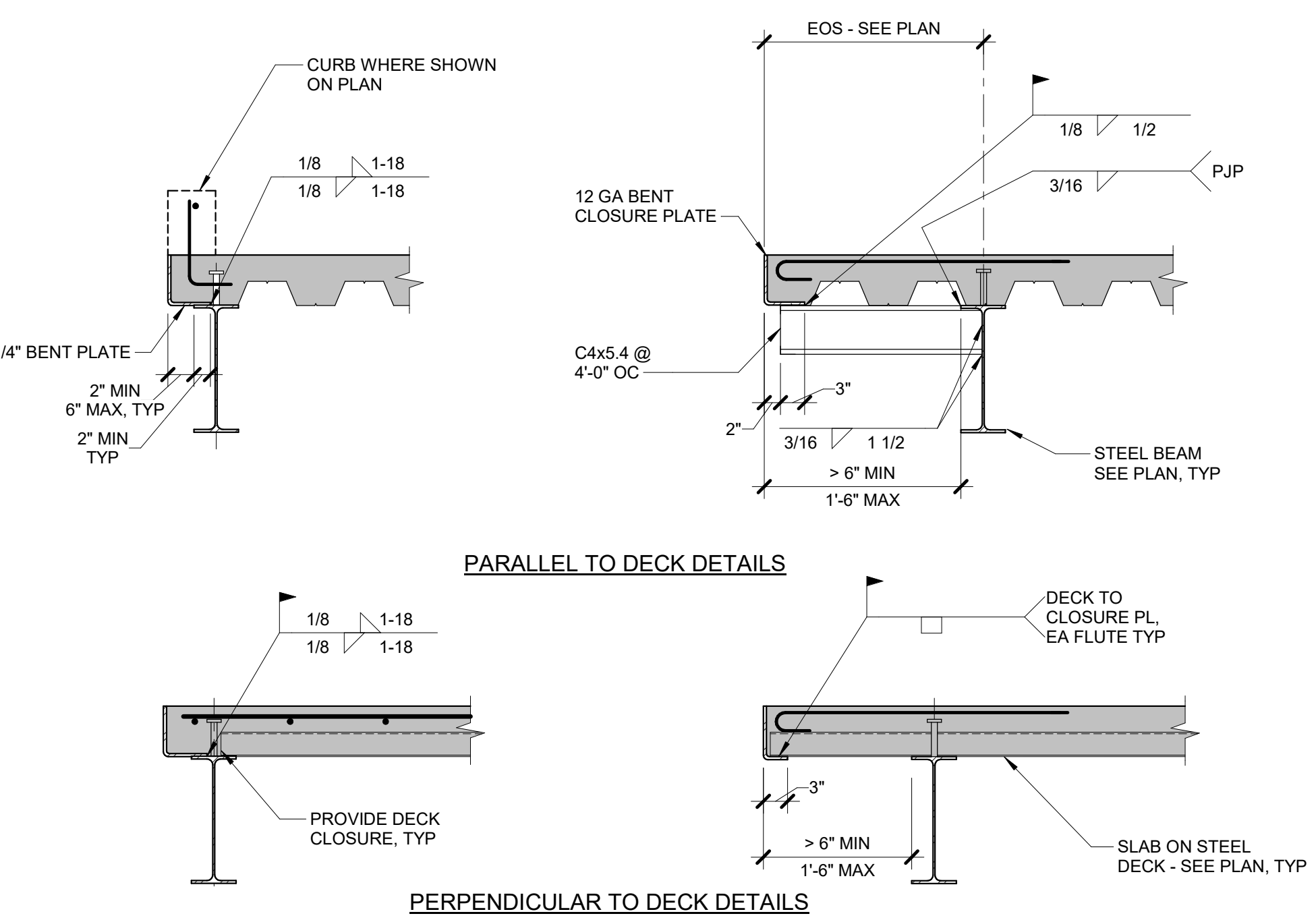
3 TYPICAL SHEAR CONNECTION TO BEAM
3/4" = 1'-0"



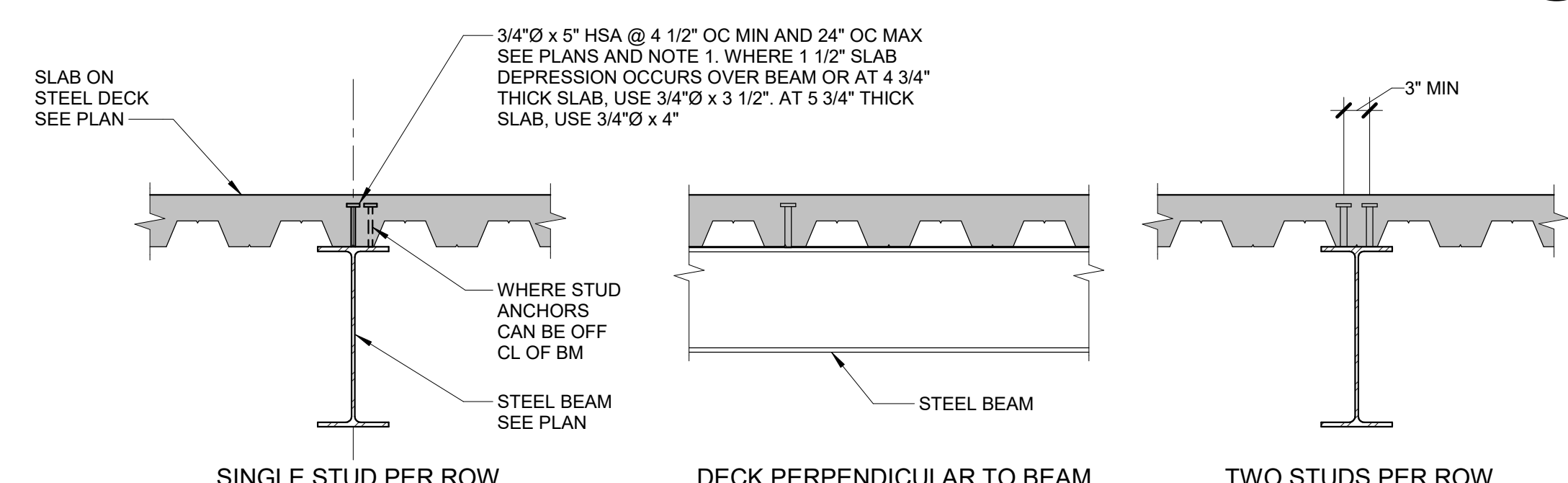
4 TYPICAL CONCRETE SLAB ON STEEL DECK DETAILS
3/4" = 1'-0"



5 TYPICAL STIFFENER PLATE DETAIL
3/4" = 1'-0"



6 TYPICAL INTERIOR SLAB EDGE DETAILS
3/4" = 1'-0"



STUD ANCHOR LEGEND

(#) INDICATES NUMBER OF STUD ANCHORS ON BEAM (SEE FRAMING PLANS), WHERE NO SYMBOL IS SHOWN, SEE NOTE 1.

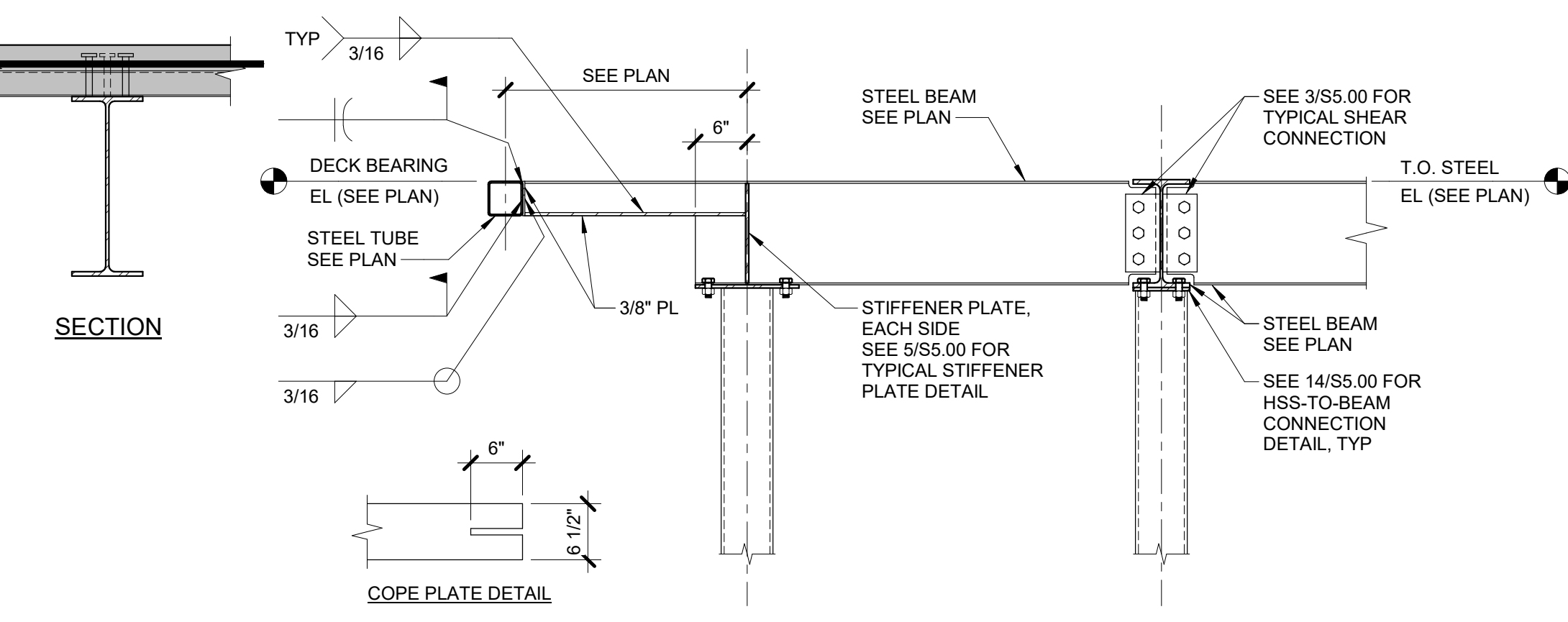
ONE SYMBOL INDICATES NUMBER OF STUD ANCHORS EQUALLY SPACED ALONG FULL LENGTH OF BEAM.

MORE THAN ONE SYMBOL INDICATES NUMBER OF STUD ANCHORS BETWEEN PERPENDICULAR BEAMS.

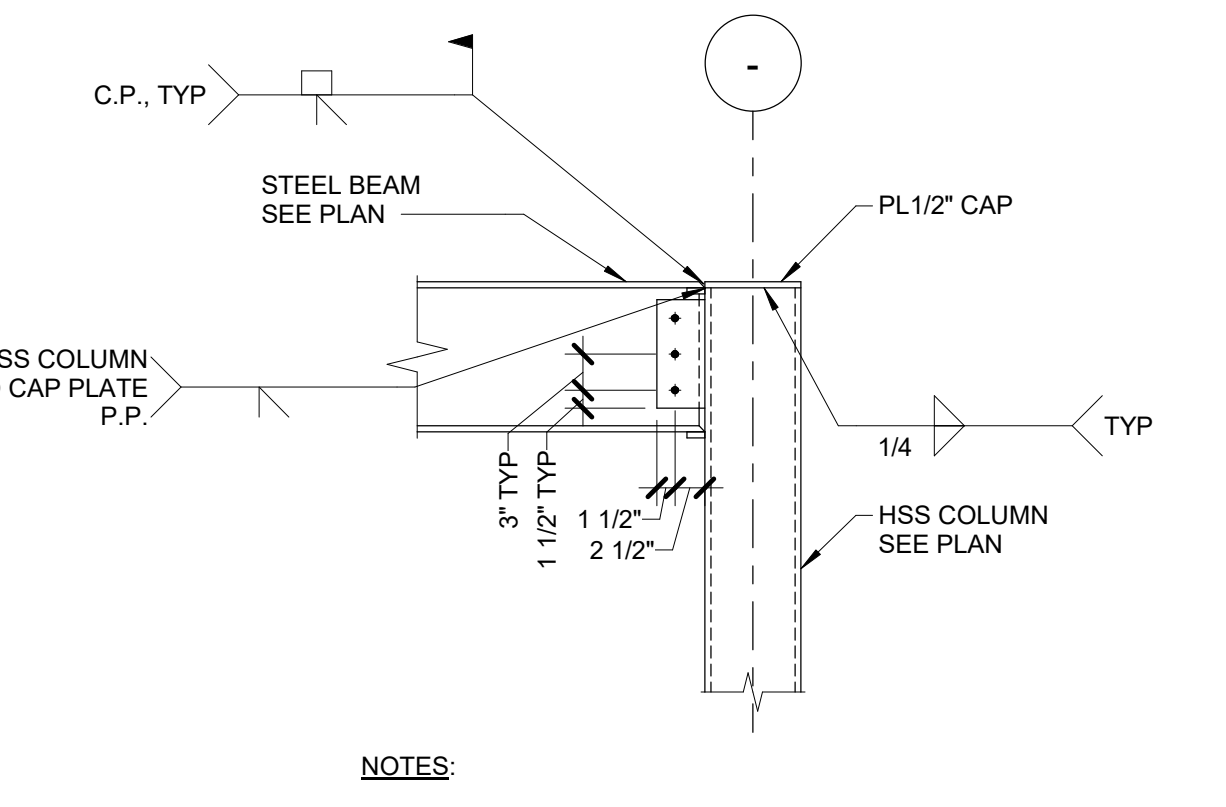
NOTES:

- IF NUMBER OF STUDS IS NOT SHOWN ON PLANS, PROVIDE A SINGLE ROW OF STUDS SPACED @ 1'-0" OC, EXCEPT AT W8 & W10 BEAMS. PROVIDE @ 2'-0" OC CENTERED OVER BEAM WEB.
- WHERE BEAM FLANGE THICKNESS IS LESS THAN 0.30", STUD ANCHOR MUST BE PLACED AT CENTER LINE OF BEAM.

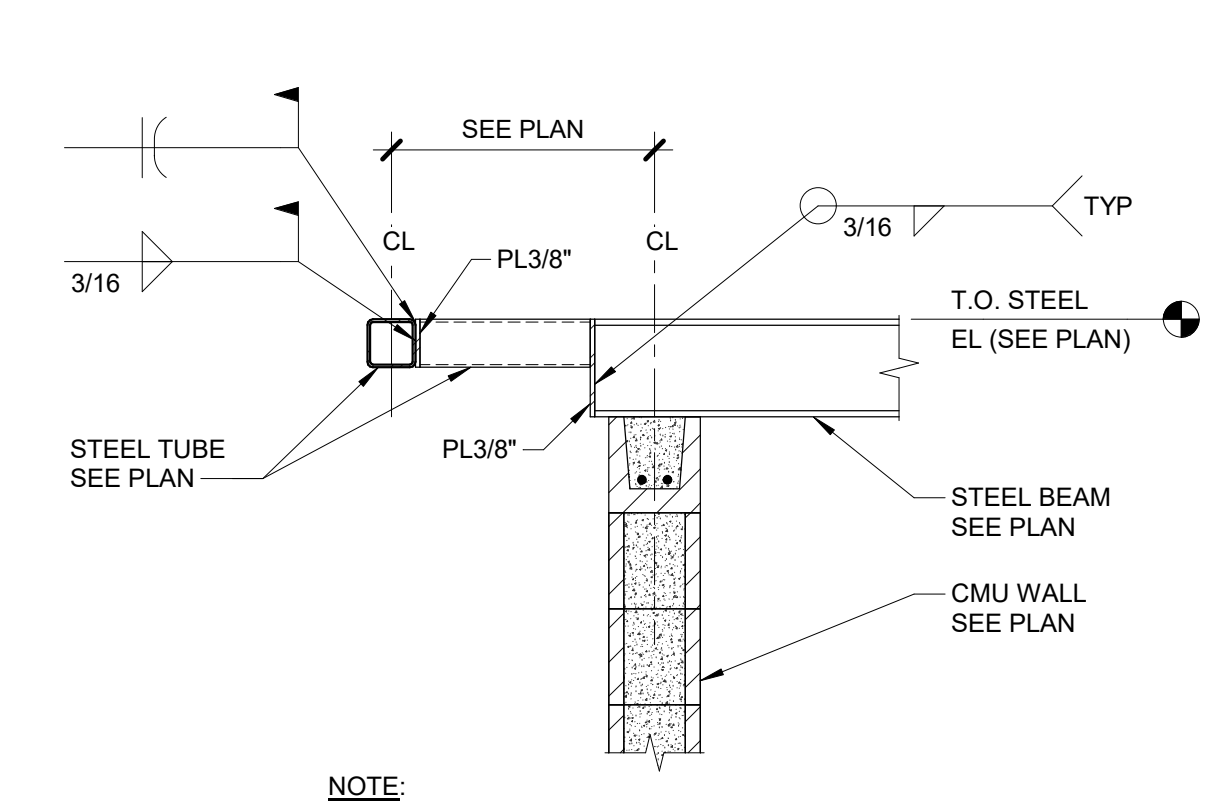
7 SHEAR STUD LAYOUT DETAILS
3/4" = 1'-0"



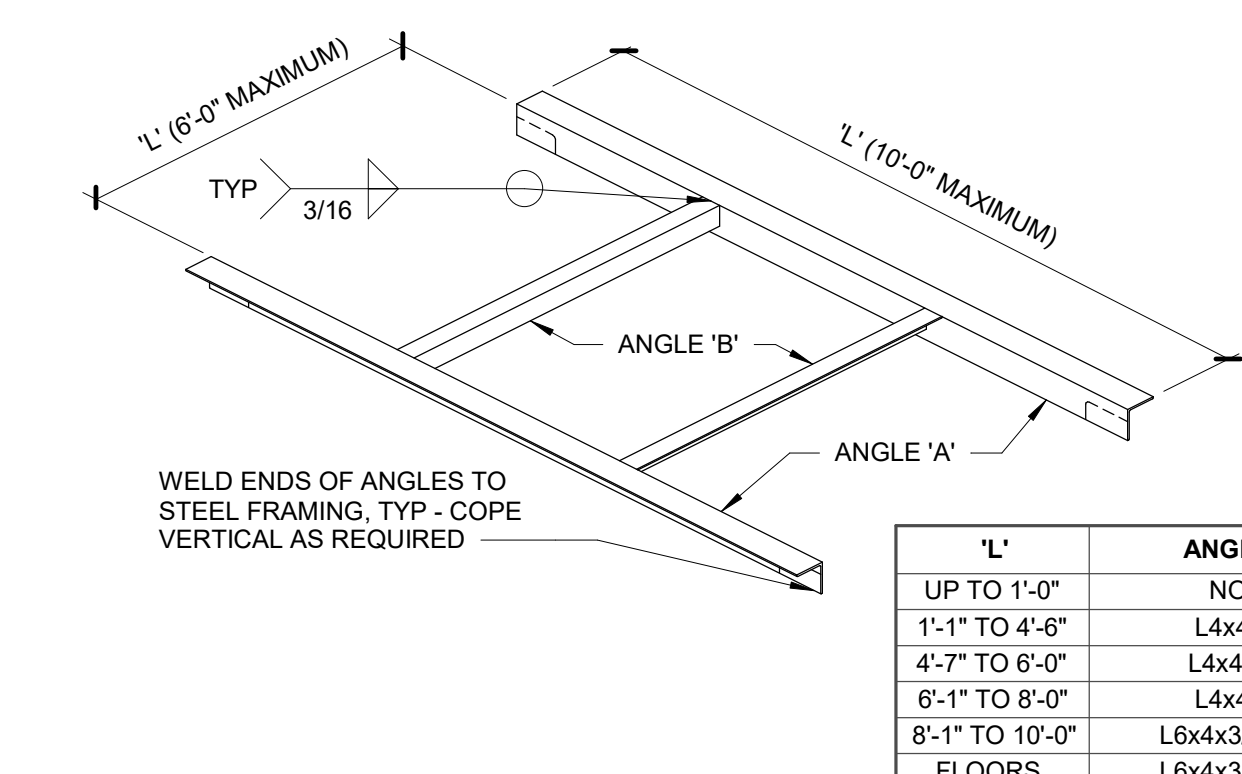
8 EDGE OF ROOF AT WEST CANOPY
3/4" = 1'-0"



9 ROOF BEAM AT HSS COLUMN MOMENT CONNECTION
3/4" = 1'-0"



10 BEAM TO HSS CONNECTION THROUGH CMU WALL AT ROOF
3/4" = 1'-0"

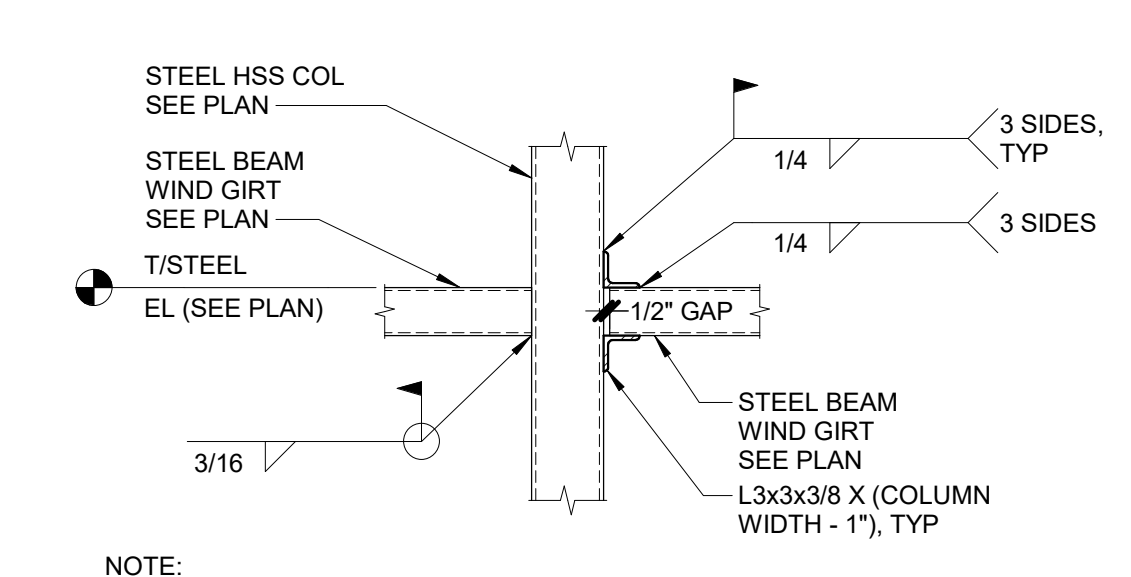


NOTES:

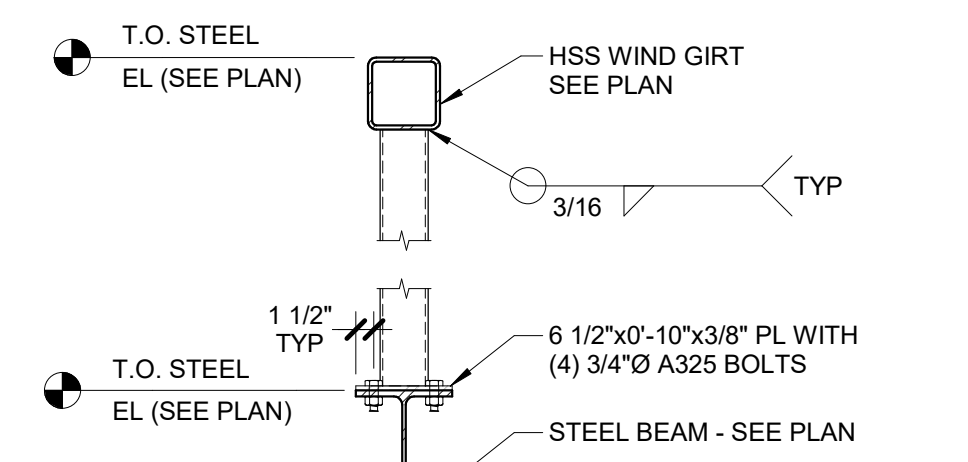
- USE ABOVE FRAMING AT ALL OPENINGS EXCEEDING 1'-0" UNON. REFER ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF ALL OPENINGS.
- ROOF OPENINGS FRAMING NOT REQUIRED AT SIDE DISCHARGE ROOF DRAINS. COORDINATE WITH MECHANICAL CONTRACTOR.
- AT FLOOR SLABS, PROVIDE LT GA POUR STOP.

L'	ANGLE 'A'	ANGLE 'B'
UP TO 1'-0"	NONE	NONE
1'-1" TO 4'-6"	L4x4x1/4	L4x4x1/4
4'-7" TO 6'-0"	L4x4x5/16	L4x4x1/4
6'-1" TO 8'-0"	L4x4x3/8	-
8'-1" TO 10'-0"	L6x4x3/8 (LLV)	-
FLOORS	L6x4x3/8 (LLV)	L6x4x3/8 (LLV)

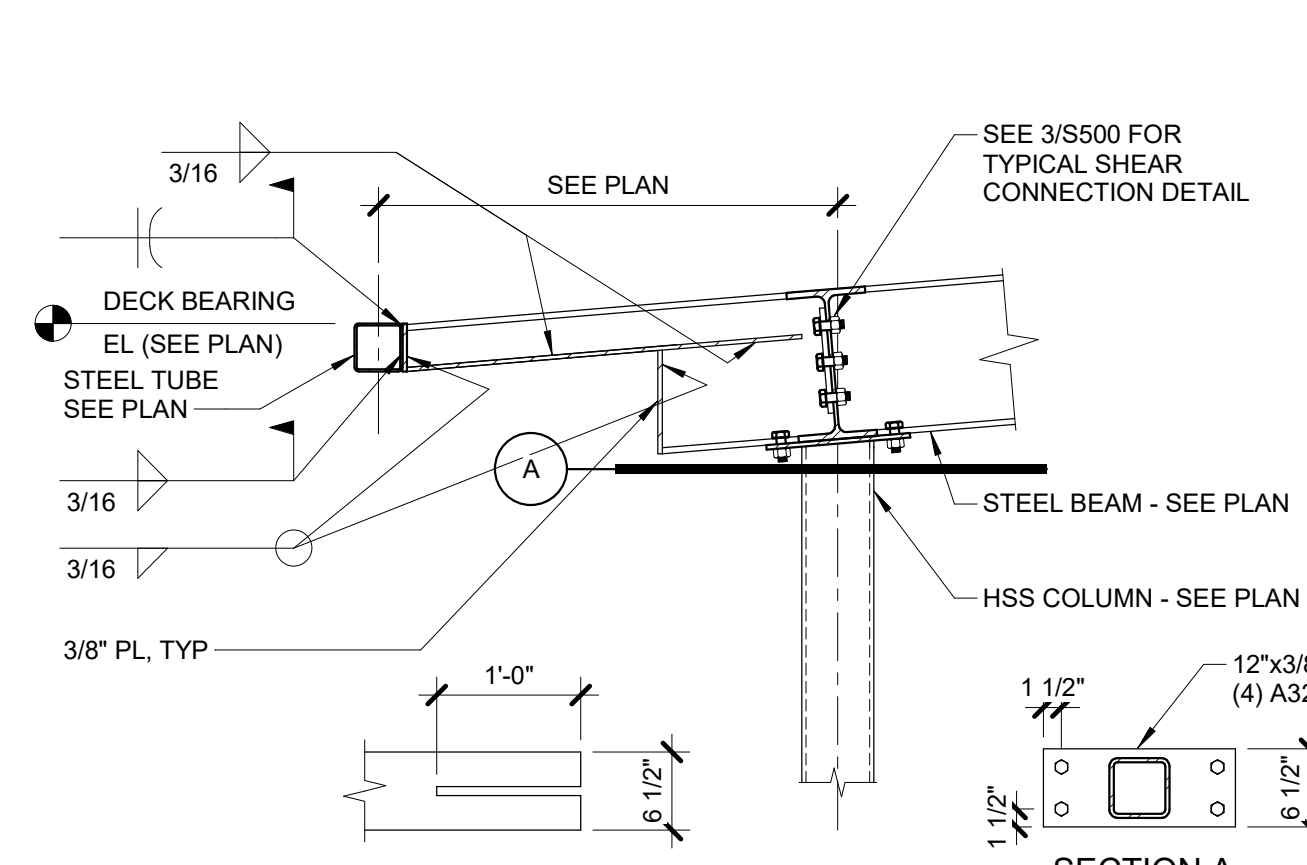
11 DECK OPENING DETAIL
3/4" = 1'-0"



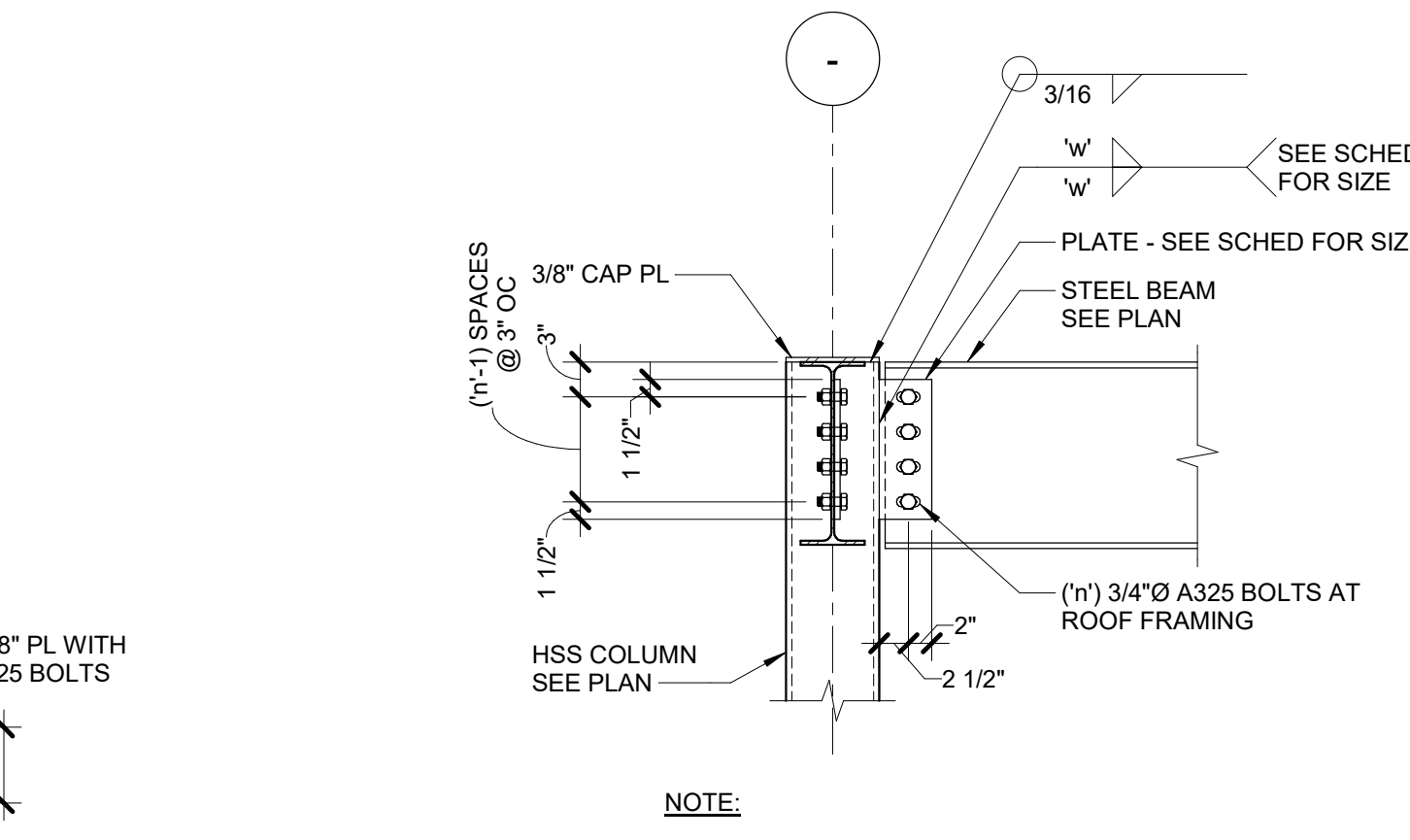
12 TYPICAL HSS WIND GIRT CONNECTION
3/4" = 1'-0"



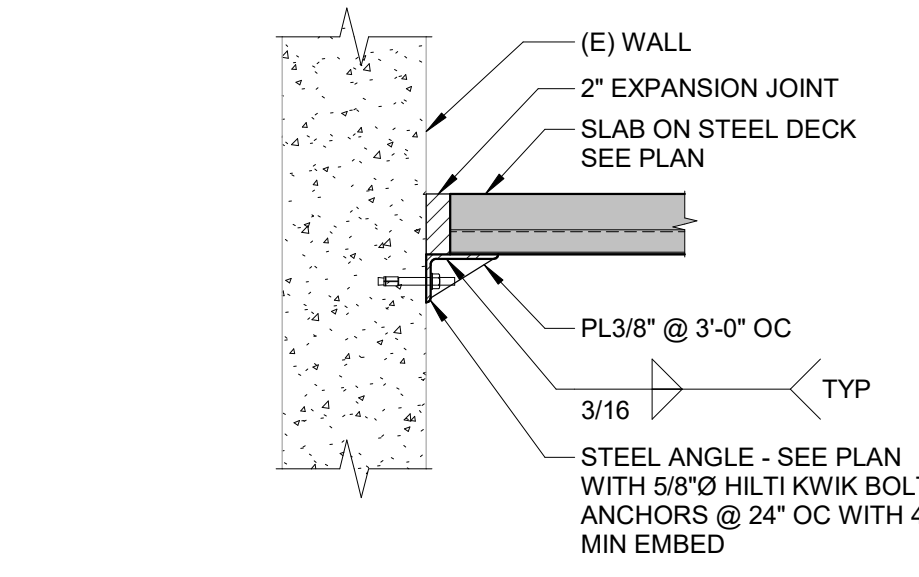
13 HANGER CONNECTION
3/4" = 1'-0"



14 COPED BEAM AT ROOF DETAIL
3/4" = 1'-0"



15 WIDE FLANGE TO HSS DETAIL
3/4" = 1'-0"



16 SLAB ON DECK AT (E) WALL DETAIL
3/4" = 1'-0"

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FRAMING DETAILS

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