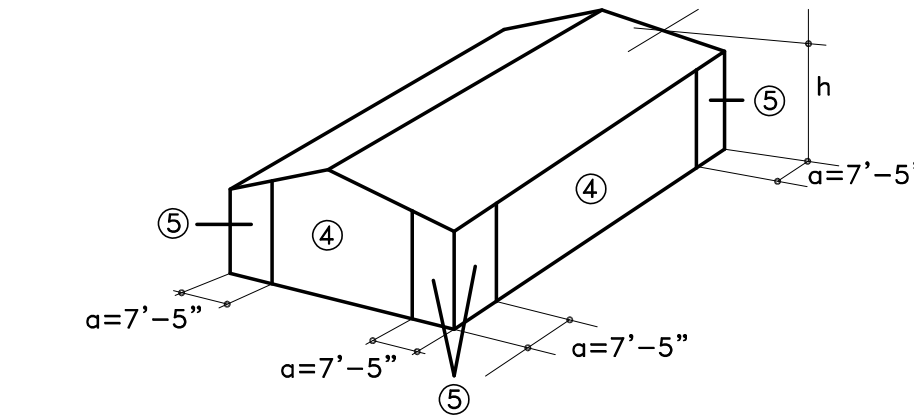


ASD WIND LOAD WALL PRESSURES Kd = 0.85						
TRIBUTARY AREA	ZONE 4 (PSF)		ZONE 5 (PSF)		PARAPET (PSF)	
	(+)	(-)	(+)	(-)	(4P)	(5P)
WINDOW	+39.1	-42.4	+39.1	-52.1		
DOOR	+37.4	-40.7	+37.4	-48.7		
0 sf to 19 sf	+39.1	-42.4	+39.1	-52.1	+116.5	+148.9
20 sf. to 29 sf	+37.4	-40.7	+37.4	-48.7	+108.7	+135.7
30 sf. to 49 sf	+36.4	-39.7	+36.4	-46.7		
50 sf to 99 sf	+35.1	-38.3	+35.1	-44.1		
100 sf to 199 sf	+33.4	-36.7	+33.4	-40.7		

NOTES:

1. REFER TO DIAGRAM FOR LOCATION OF ZONE ④ AND ⑤.
2. VALUES INDICATED CAN BE INTERPOLATED.
3. FOR Kd = 1.0, MULTIPLY VALUES BY 1.18.
4. FOR ULTIMATE VALUES, MULTIPLY VALUES IN TABLE BY 1.67.

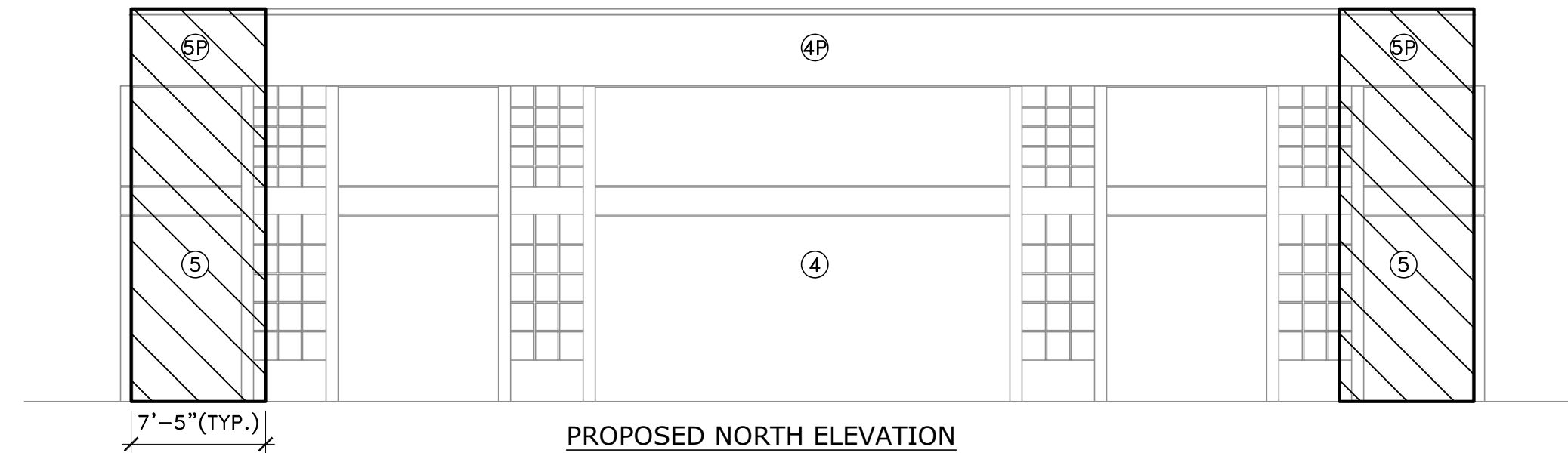


WIND PRESSURE DIAGRAM
WALLS

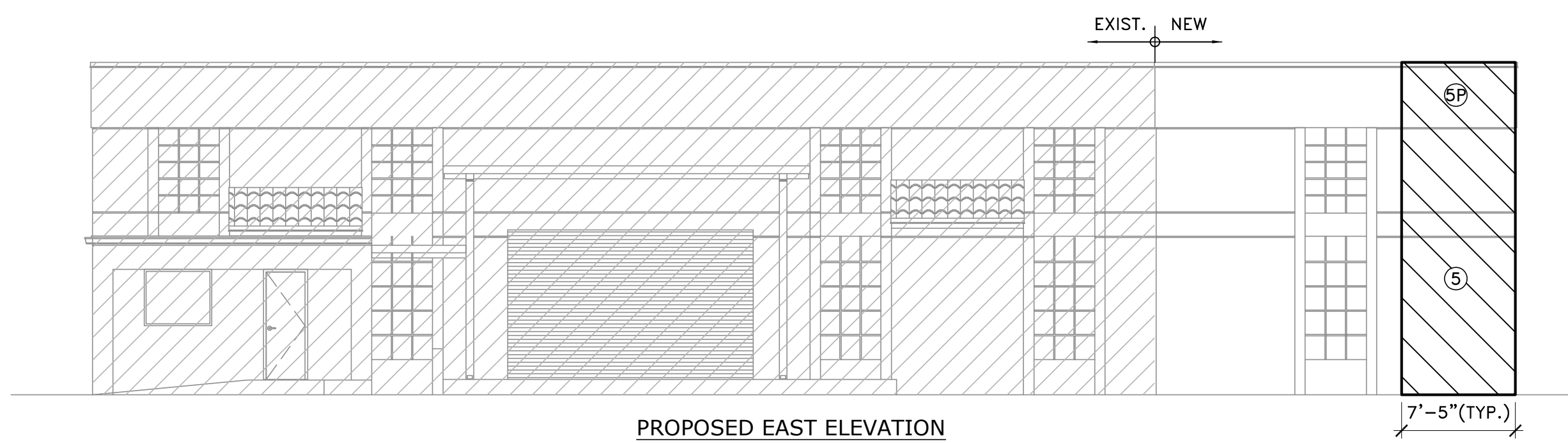
ASD WIND LOAD ROOF PRESSURES Kd=0.85					
ROOF ZONE	PRESSURE (PSF)				ROOFING
	< 19 sf	20 sf to 49 sf	50 sf to 79 sf	80 sf to 100 sf	
1	-68.4	-63.6	-57.7	-54.7	-61.8
2	-90.0	-84.0	-76.2	-72.6	-83.4
3	-122.4	-111.0	-95.4	-87.6	-115.8

NOTES:

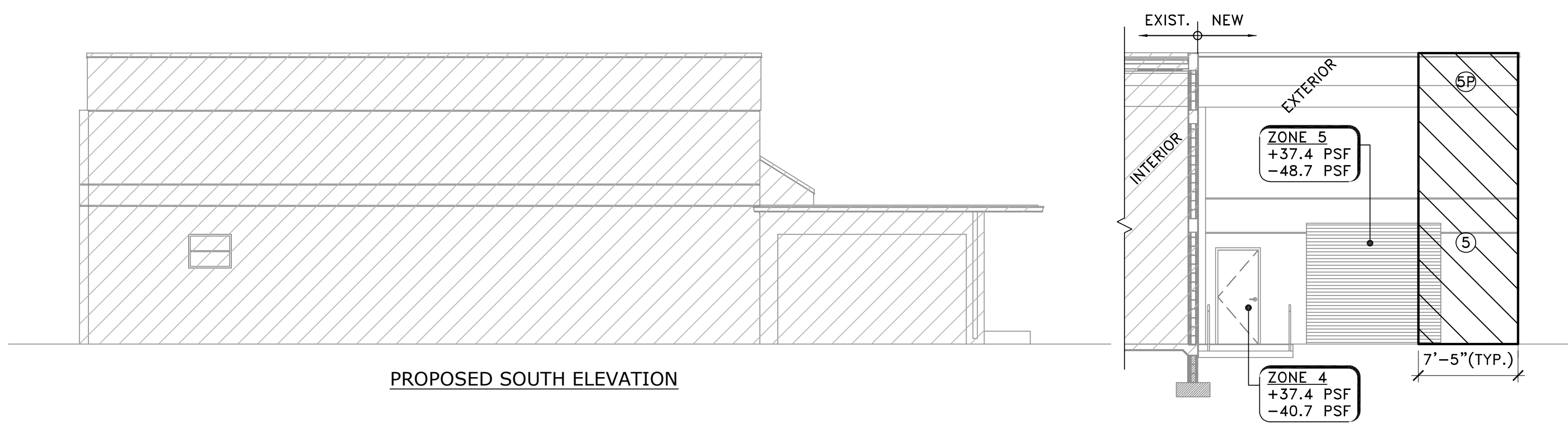
1. FOR Kd = 1.0, MULTIPLY VALUES BY 1.18.
2. THE FIGURES SHOWN REPRESENT GROSS VALUES. TO OBTAIN NET UPLIFT VALUES ONLY 10 PSF OF DEAD LOAD SHALL BE DEDUCTED FROM THEM.
3. FOR ULTIMATE VALUES, MULTIPLY VALUES IN TABLE BY 1.67.



PROPOSED NORTH ELEVATION



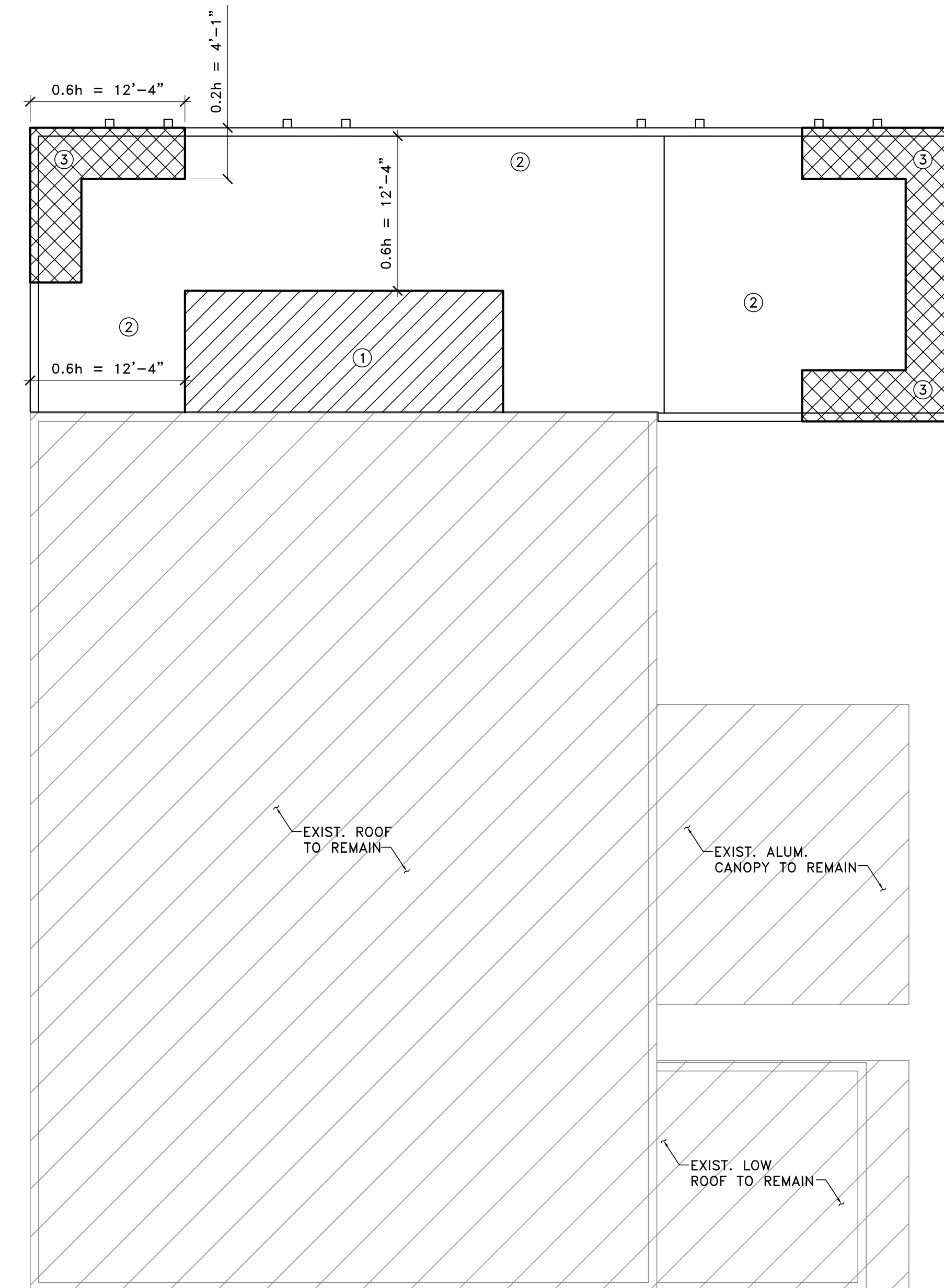
PROPOSED EAST ELEVATION



PROPOSED SOUTH ELEVATION



PROPOSED WEST ELEVATION



WIND PRESSURE DIAGRAM
ROOF

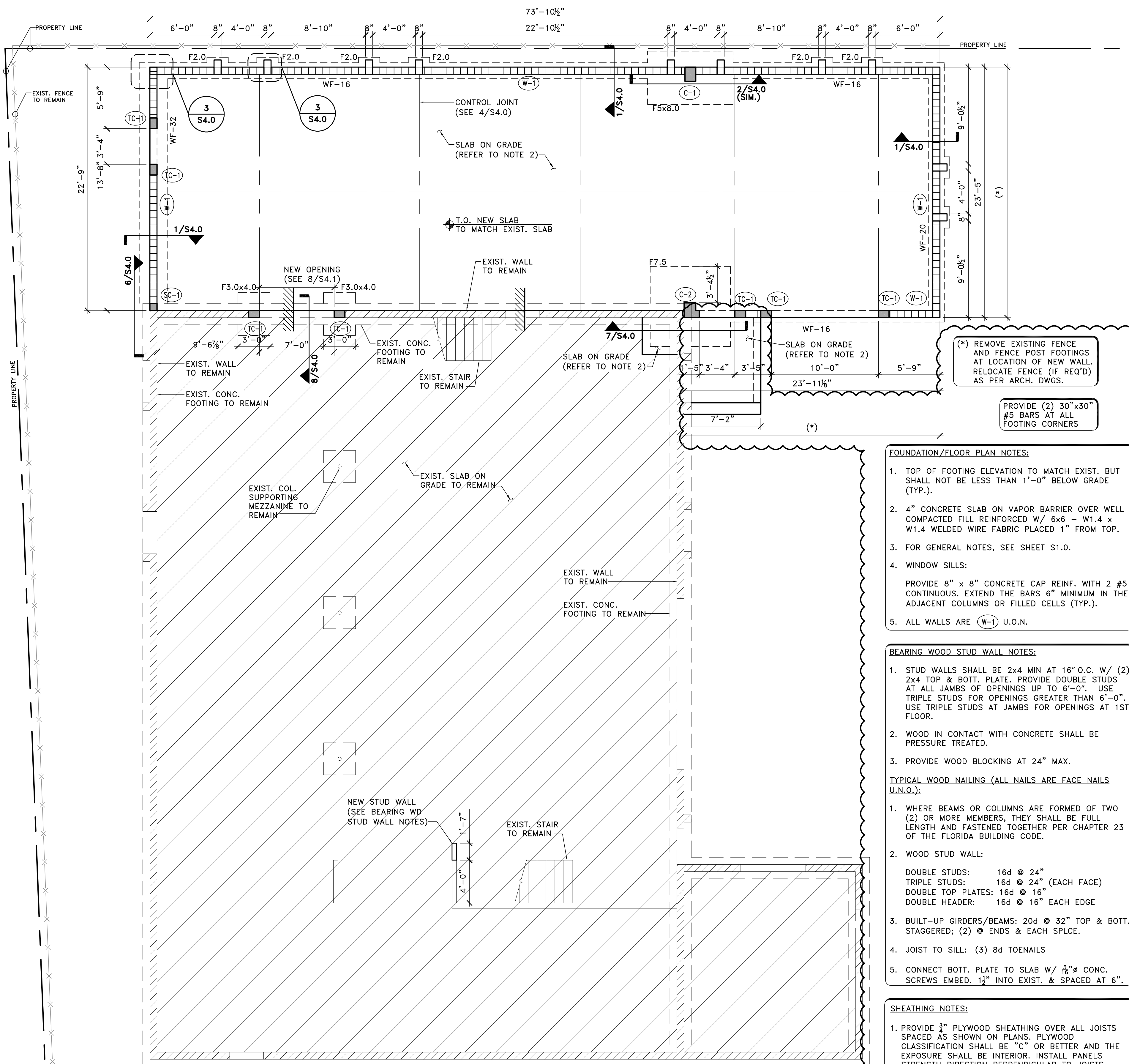
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DRAWN BY: HA
REVIEWED BY: CA
PROJECT NO. 1020241

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BLDG. DEPT. COMM: 03.10.21

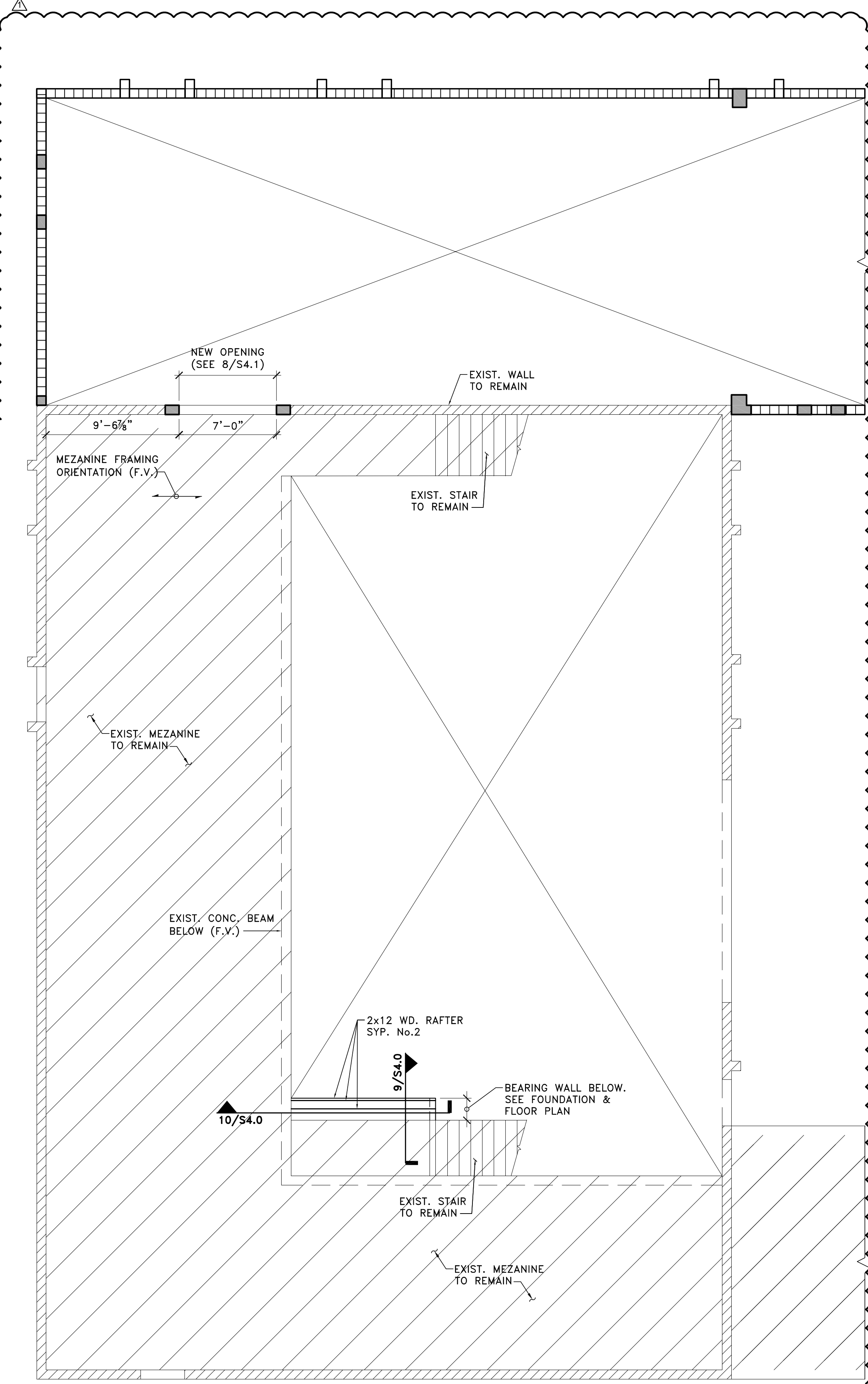
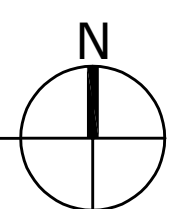
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WIND PRESSURE & ELEVATIONS

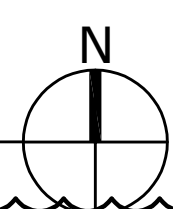
S1.1
CONSTRUCTION DOCUMENT



FOUNDATION & FLOOR PLAN
SCALE: 3/16"=1'-0"



INTERMEDIATE LEVEL PLAN
MEZANINE SCALE: 3/16"=1'-0"



- FOUNDATION/FLOOR PLAN NOTES:**
- TOP OF FOOTING ELEVATION TO MATCH EXIST. BUT SHALL NOT BE LESS THAN 1'-0" BELOW GRADE (TYP.).
 - 4" CONCRETE SLAB ON VAPOR BARRIER OVER WELL COMPACTED FILL REINFORCED W/ 6x6 - W1.4 x W1.4 WELDED WIRE FABRIC PLACED 1" FROM TOP.
 - FOR GENERAL NOTES, SEE SHEET S1.0.
 - WINDOW SILLS:**
PROVIDE 8" x 8" CONCRETE CAP REINF. WITH 2 #5 CONTINUOUS. EXTEND THE BARS 6" MINIMUM IN THE ADJACENT COLUMNS OR FILLED CELLS (TYP.).
 - ALL WALLS ARE (W-1) U.O.N.

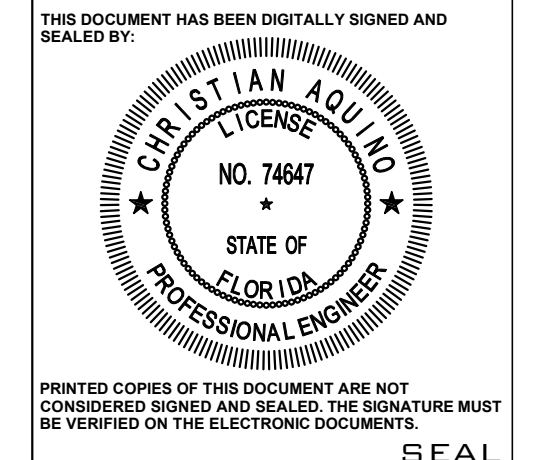
- BEARING WOOD STUD WALL NOTES:**
- STUD WALLS SHALL BE 2x4 MIN AT 16" O.C. W/ (2) 2x4 TOP & BOTT. PLATE. PROVIDE DOUBLE STUDS AT ALL JAMBS OF OPENINGS UP TO 6'-0". USE TRIPLE STUDS FOR OPENINGS GREATER THAN 6'-0". USE TRIPLE STUDS AT JAMBS FOR OPENINGS AT 1ST FLOOR.
 - WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.
 - PROVIDE WOOD BLOCKING AT 24" MAX.

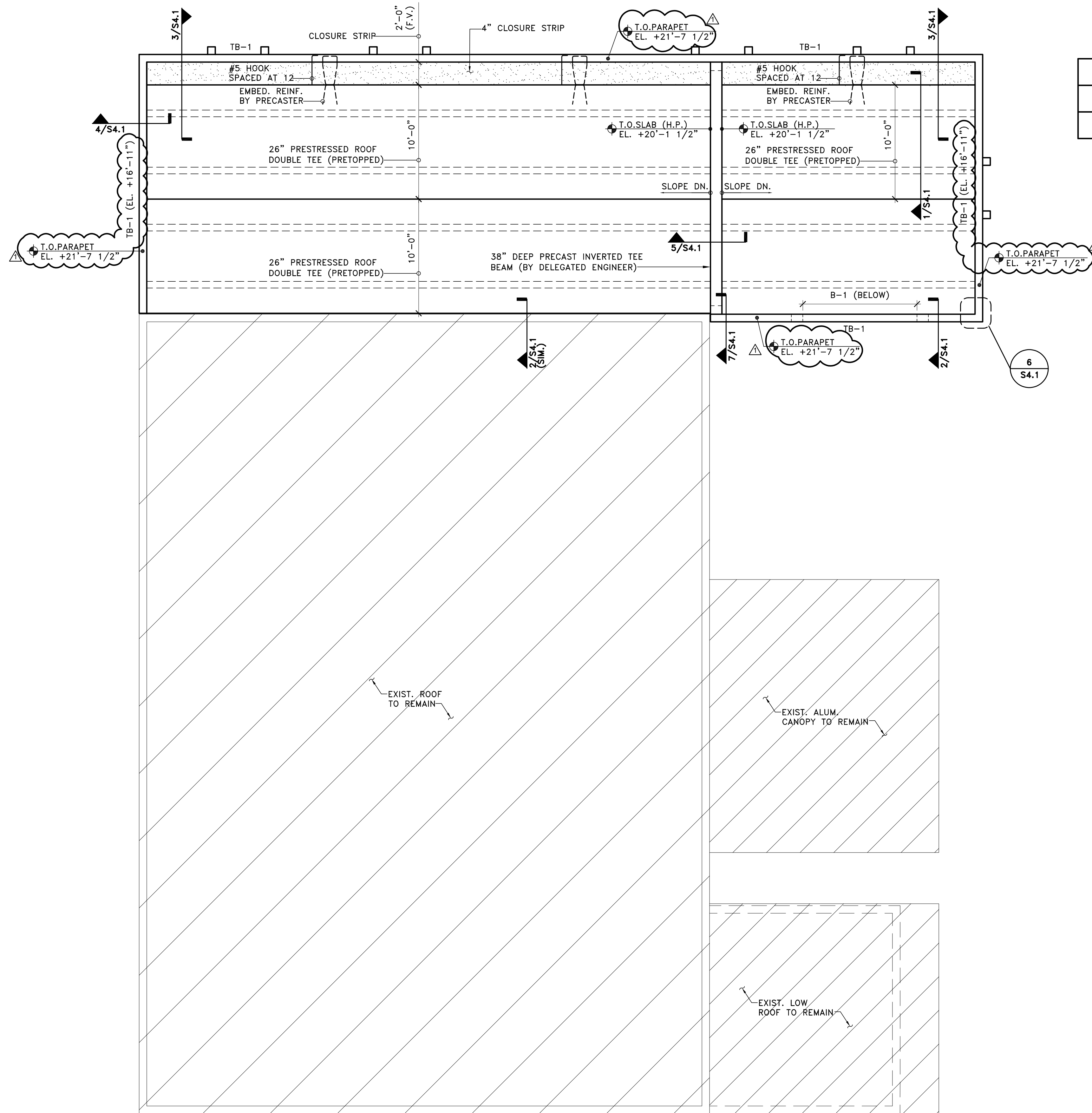
- TYPICAL WOOD NAILING (ALL NAILS ARE FACE NAILS U.N.O.):**
- WHERE BEAMS OR COLUMNS ARE FORMED OF TWO (2) OR MORE MEMBERS, THEY SHALL BE FULL LENGTH AND FASTENED TOGETHER PER CHAPTER 23 OF THE FLORIDA BUILDING CODE.
 - WOOD STUD WALL:**
DOUBLE STUDS: 16d @ 24"
TRIPLE STUDS: 16d @ 24" (EACH FACE)
DOUBLE TOP PLATES: 16d @ 16"
DOUBLE HEADER: 16d @ 16" EACH EDGE
 - BUILT-UP GIRDERS/BEAMS: 20d @ 32" TOP & BOTT. STAGGERED; (2) @ ENDS & EACH SPLCE.
 - JOIST TO SILL: (3) 8d TOENAILS
 - CONNECT BOTT. PLATE TO SLAB W/ 3/8" # CONC. SCREWS EMBED. 1 1/2" INTO EXIST. & SPACED AT 6".

- SHEATHING NOTES:**
- PROVIDE 5/8" PLYWOOD SHEATHING OVER ALL JOISTS SPACED AS SHOWN ON PLANS. PLYWOOD CLASSIFICATION SHALL BE "C" OR BETTER AND THE EXPOSURE SHALL BE INTERIOR. INSTALL PANELS STRENGTH DIRECTION PERPENDICULAR TO JOISTS.
 - NAILING REQUIREMENTS:**
NAIL TYPES: COMMON
NAIL SIZE: 10d NAILS
NAIL SPACING: 6"
 - (X) INDICATES WOOD CONNECTOR. REFER TO SCHEDULE.

(* REMOVE EXISTING FENCE AND FENCE POST FOOTINGS AT LOCATION OF NEW WALL. RELOCATE FENCE (IF REQ'D) AS PER ARCH. DWGS.
PROVIDE (2) 30"x30" #5 BARS AT ALL FOOTING CORNERS

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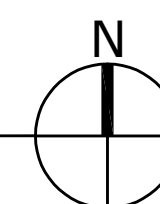


PROVIDE (2) 30"x30"
#5 CORNER BARS AT
OUTSIDE OF TEE BEAM
(TYP. AT EA. CORNER)

DOUBLE TEE & INVERTED TEE BEAM LOADING			
LOCATION	DL	LL	WL
ROOF	20 PSF	30 PSF	SEE S1.1

ROOF FRAMING PLAN

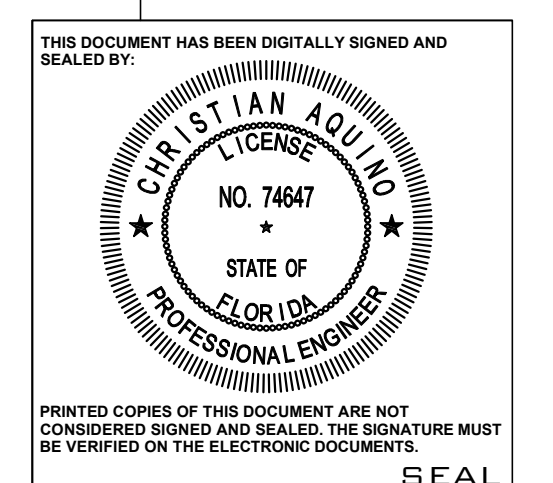
SCALE: 3/16"=1'-0"



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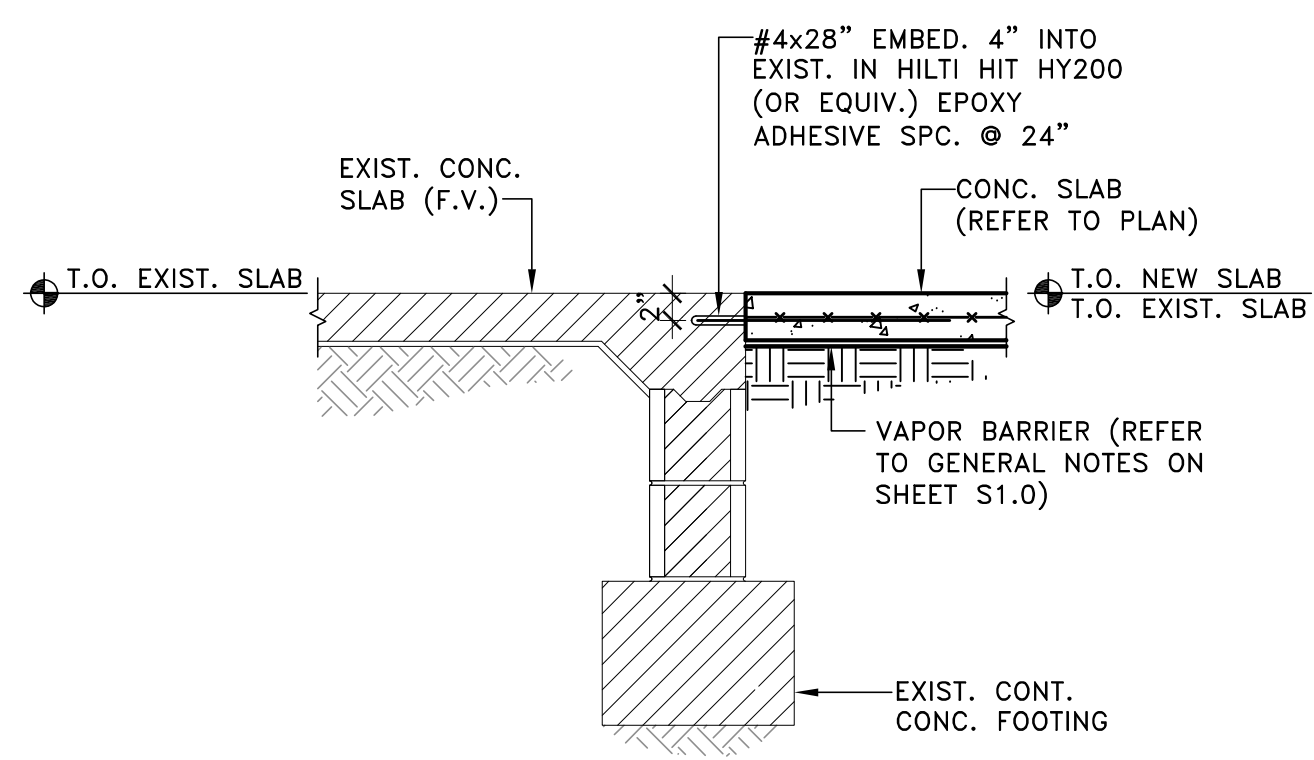
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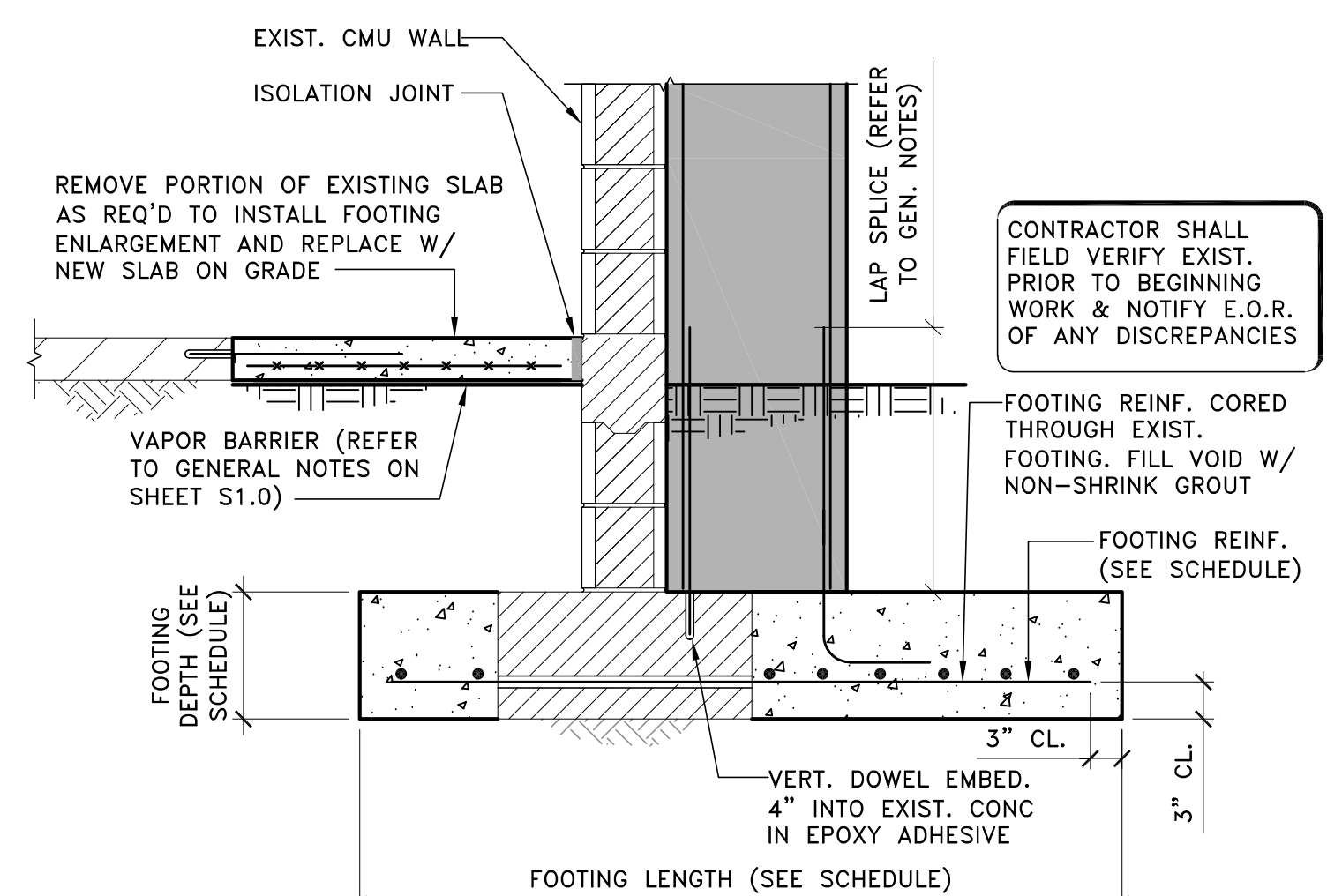


ROOF PLAN

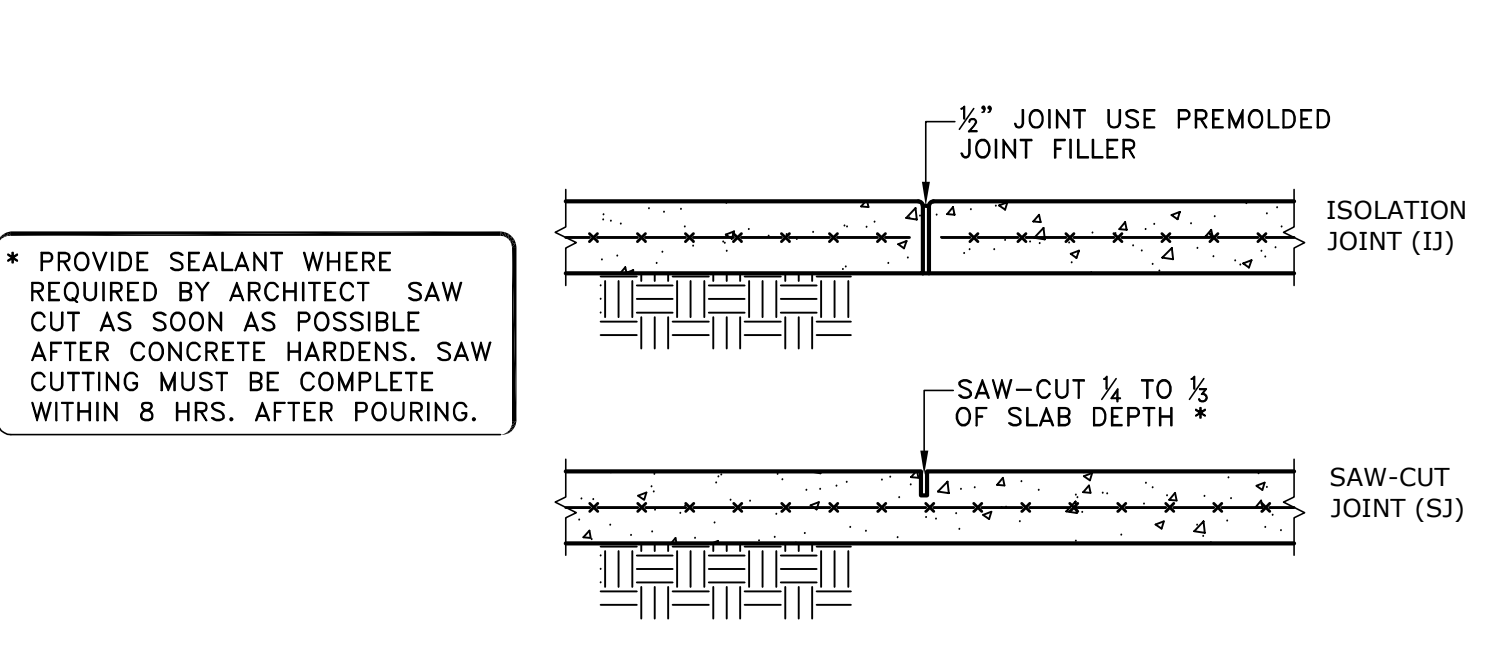
S2.1
CONSTRUCTION DOCUMENT



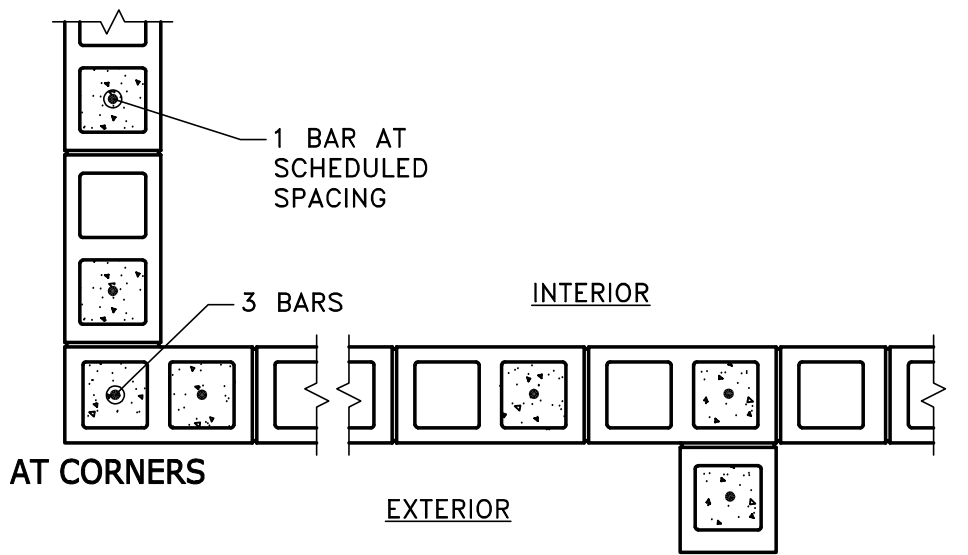
8 SLAB AT EXISTING
SCALE: 3/4" = 1'-0"



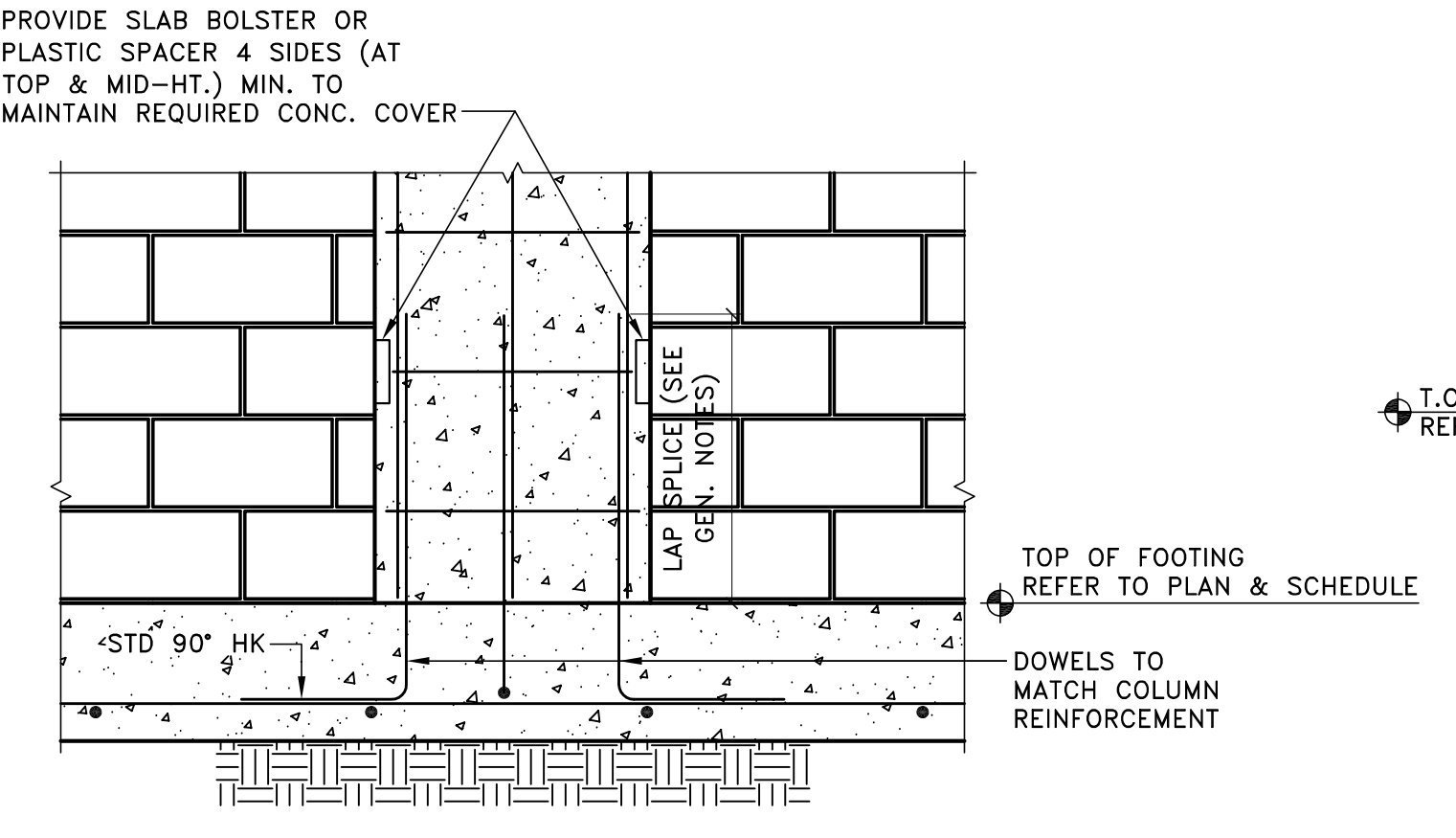
7 NEW COLUMN AT EXISTING FOOTING
SCALE: 3/4" = 1'-0"



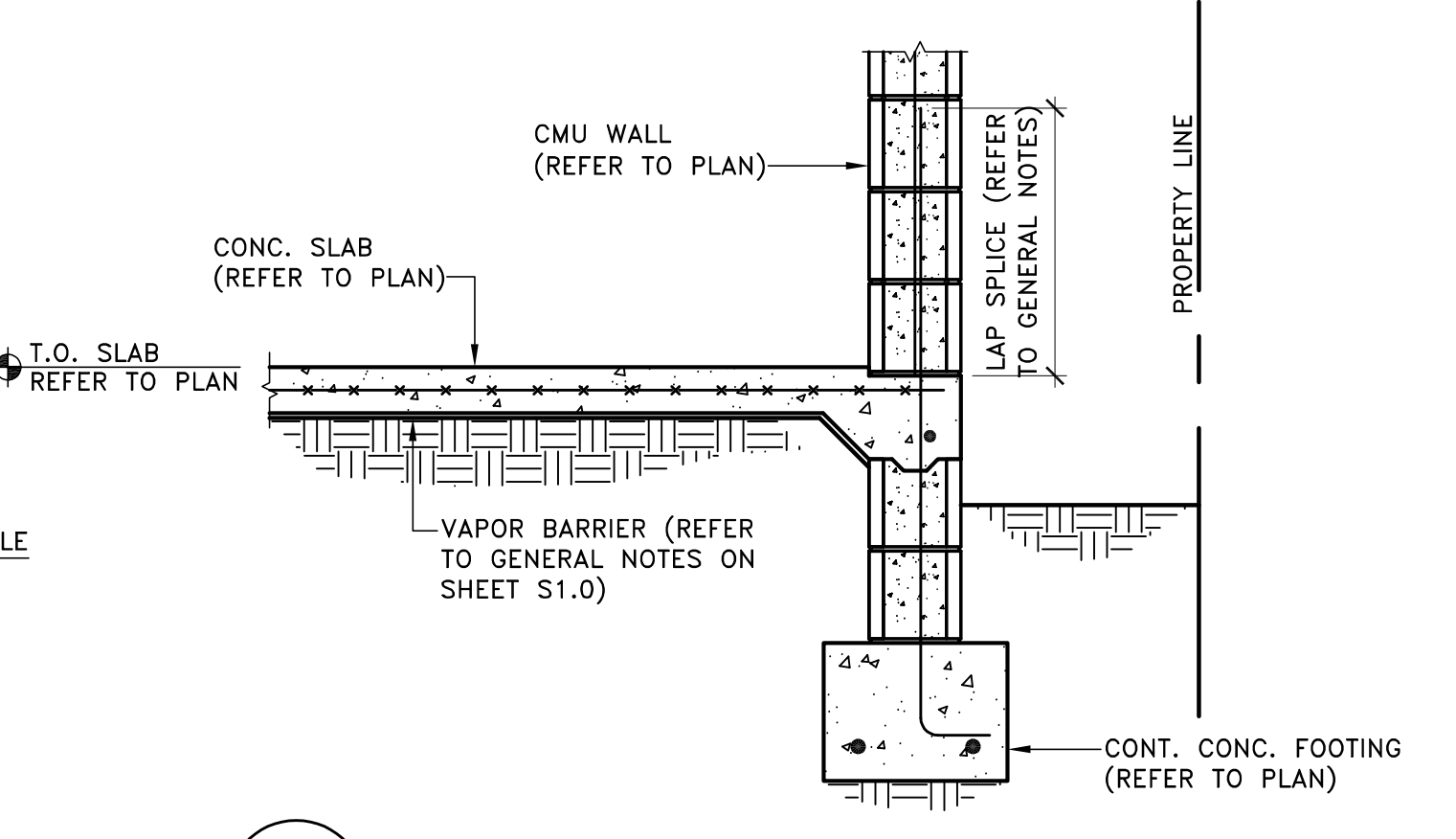
4 CONTROL JOINTS
N.T.S.



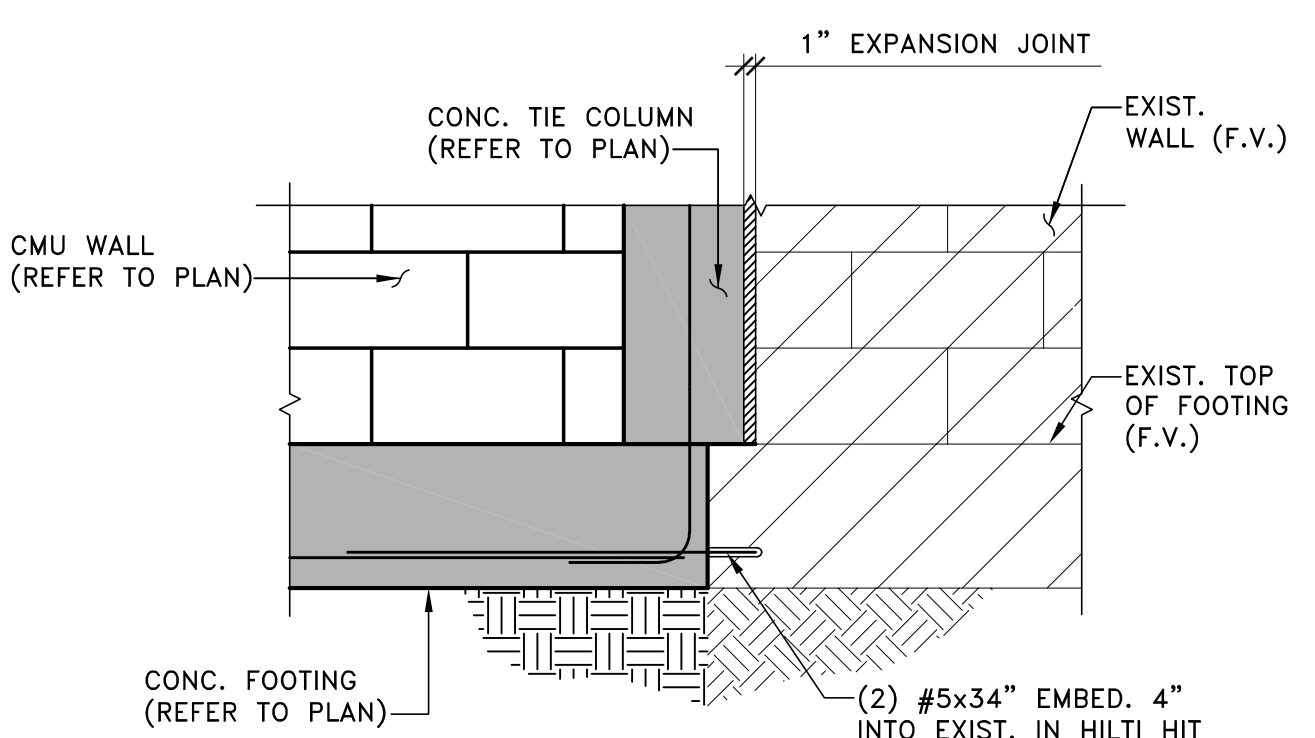
3 TYPICAL MASONRY WALL REINF.
N.T.S.



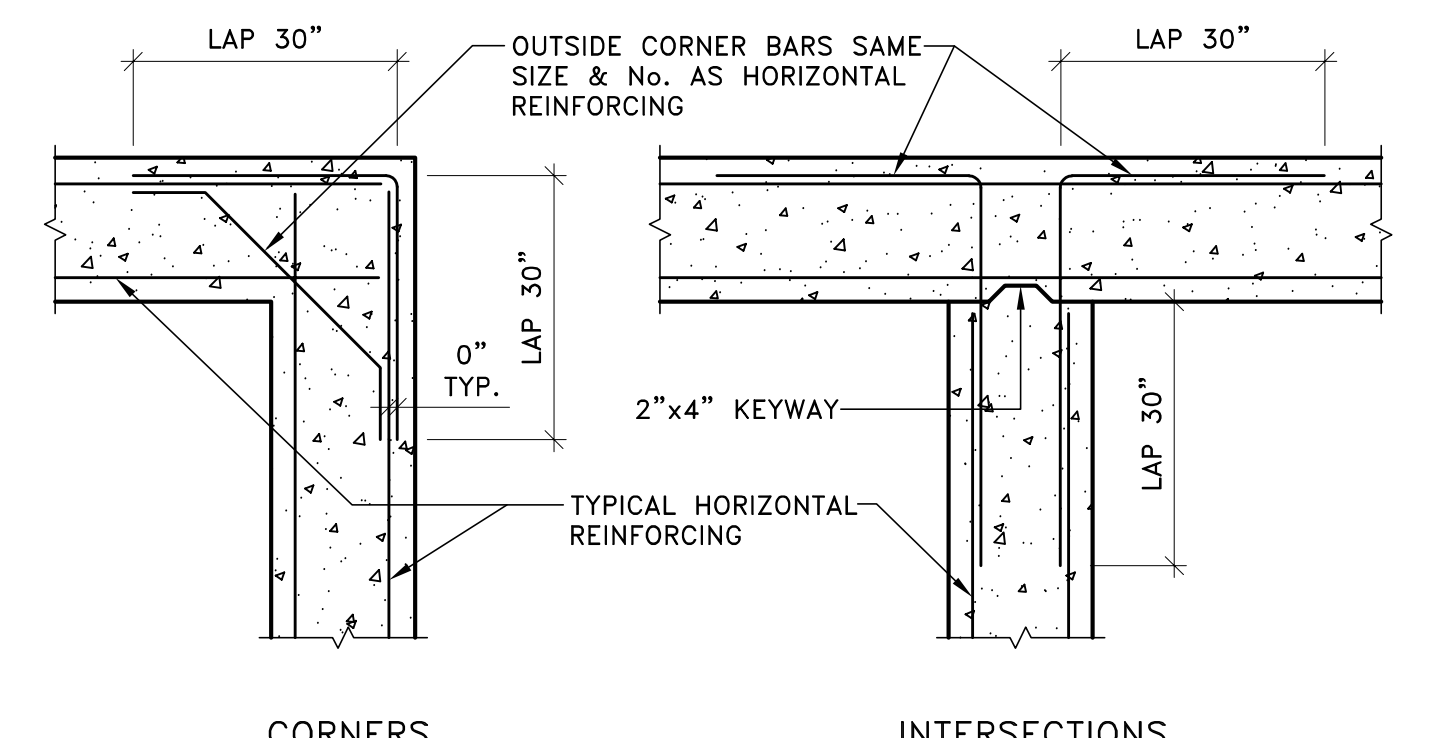
2 COLUMN TO FOOTING
N.T.S.



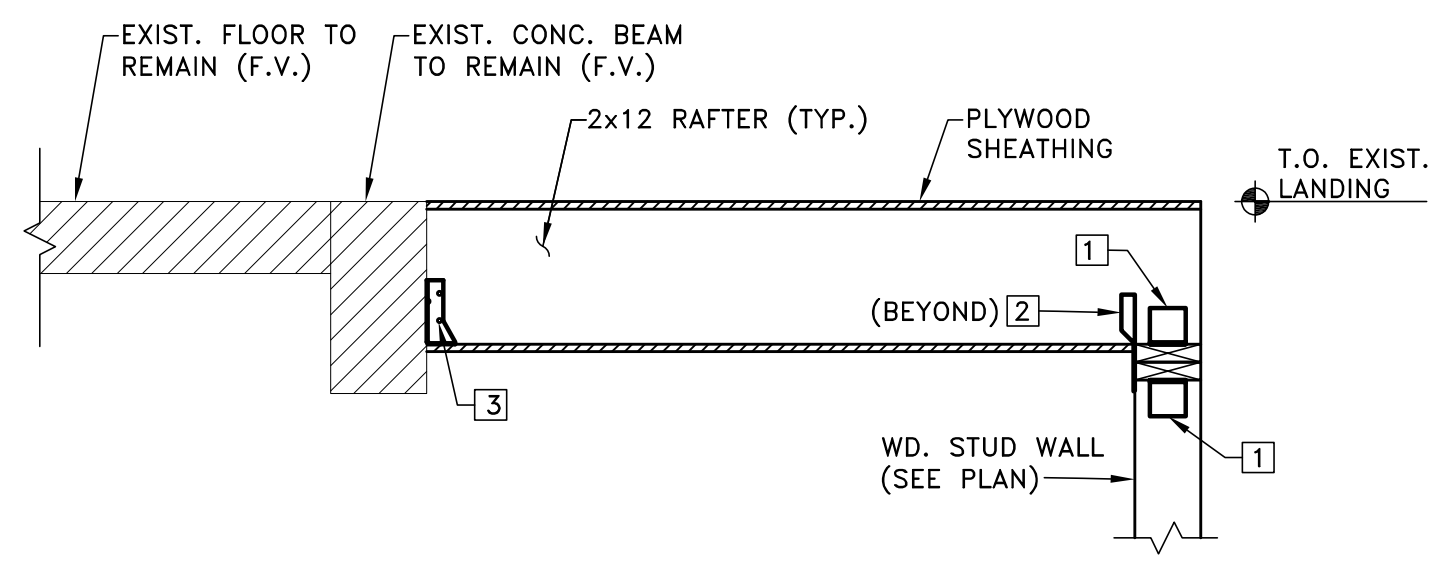
1 TYPICAL WALL SECTION
SCALE: 3/4" = 1'-0"



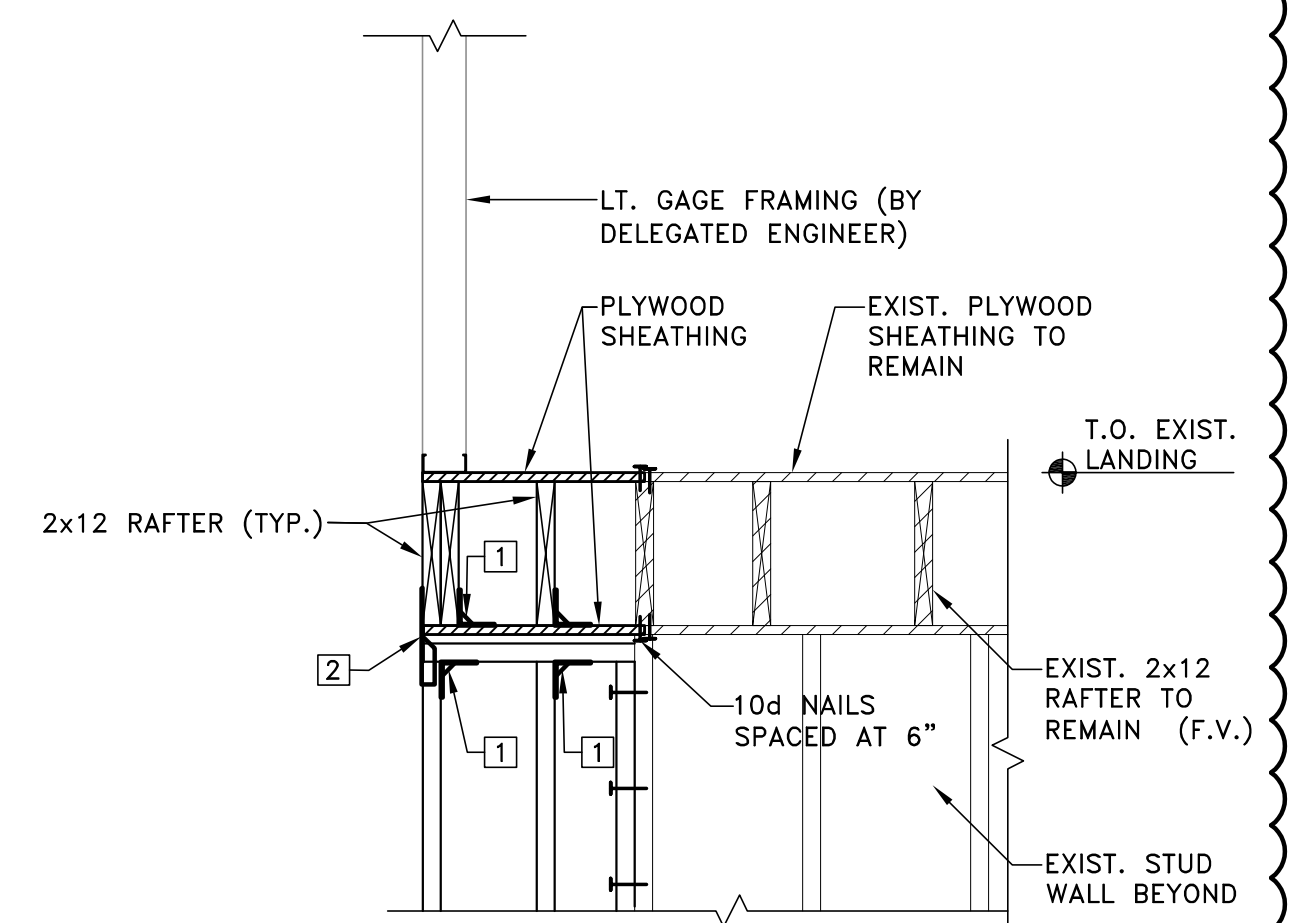
6 FOOTING AT EXISTING
SCALE: 3/4" = 1'-0"



5 TYPICAL HORIZONTAL REINFORCING
CONCRETE TIE BEAMS, WALLS, AND FOOTINGS



10 INTERMEDIATE FLOOR DETAIL
SCALE: 3/4" = 1'-0"



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

MARK	DESCRIPTION	NOA #/FL #	CONNECTOR ALLOWABLE LOAD VALUES (LBS)				NAIL SIZE & QUANTITY
			UPLIFT (LB.)	DOWN (LB.)	LATERAL LOAD PARALLEL (LB.)	LATERAL LOAD PERP. (LB.)	
1	HGAM10	10446.16	706	-	835	918	(4) 1/2"x1 1/2" SDS SCREWS (OR EQUIV.) INTO PLATE (4) 1/2"x1 1/2" SDS SCREWS (OR EQUIV.) INTO RAFTER
2	H2.5A	10446.16	706	-	835	918	(5) 8d x 2 1/2" SDS SCREWS (OR EQUIV.) INTO PLATE (5) 8d x 2 1/2" SDS SCREWS (OR EQUIV.) INTO RAFTER
3	HU212-2	10531.9	1,135	4,920	-	-	(16) 1/2"x1 1/2" TITEN SCREWS (OR EQUIV.) INTO PLATE (6) 10d x 3" SDS SCREWS (OR EQUIV.) INTO RAFTER

*CONNECTORS SPECIFIED ARE BY SIMPSON STRONG-TIE U.N.O.

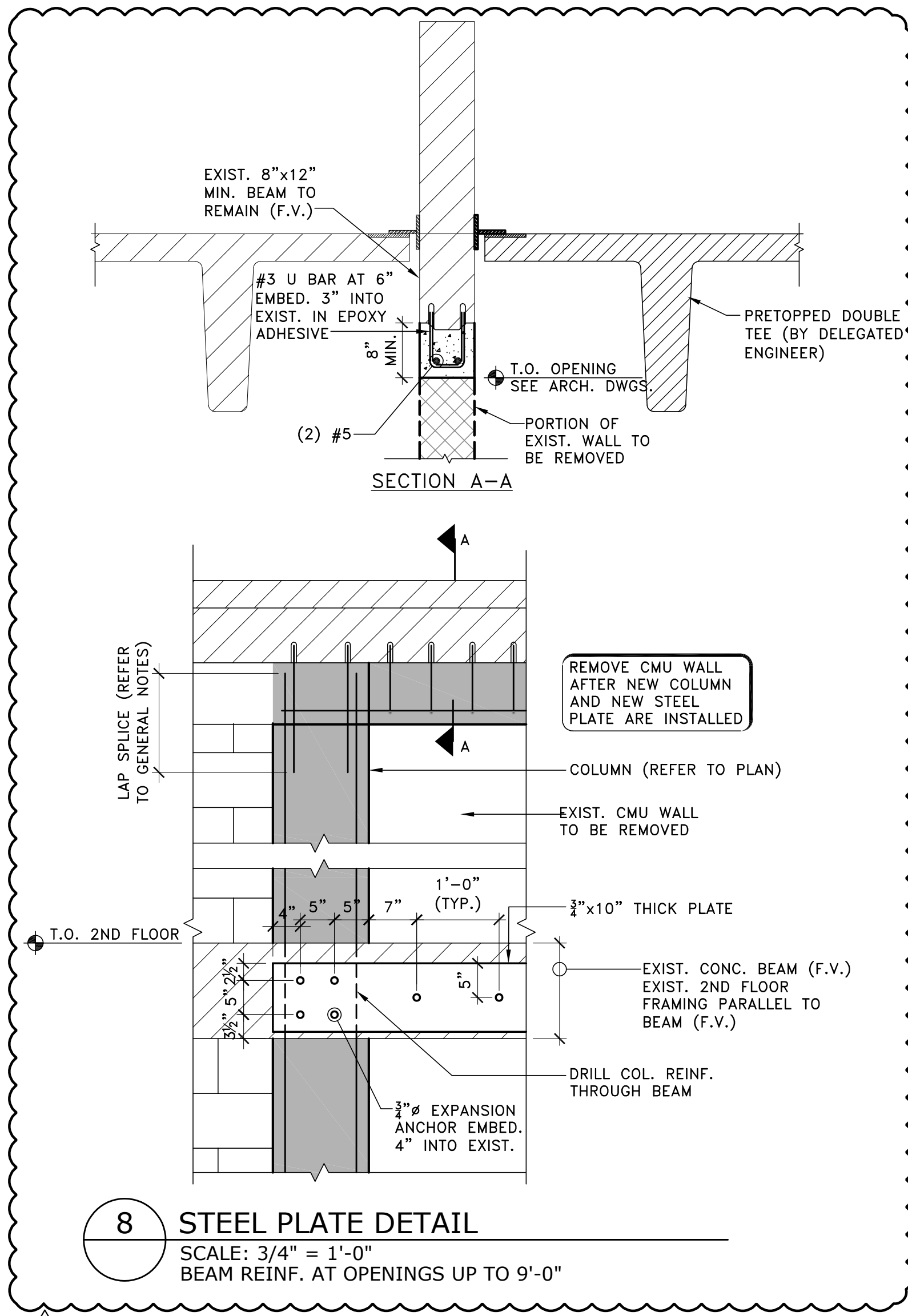
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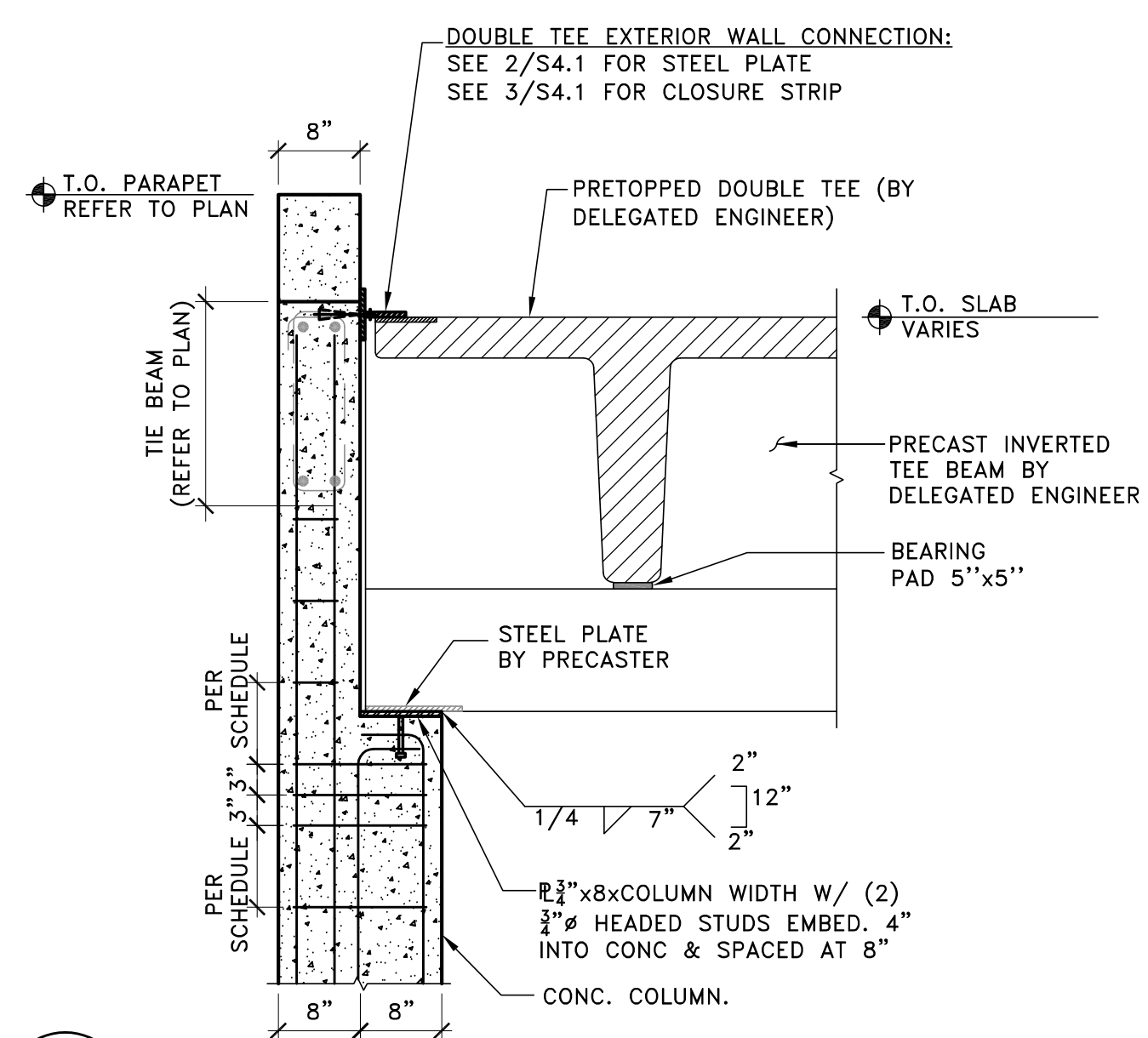
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PROFESSIONAL ENGINEER

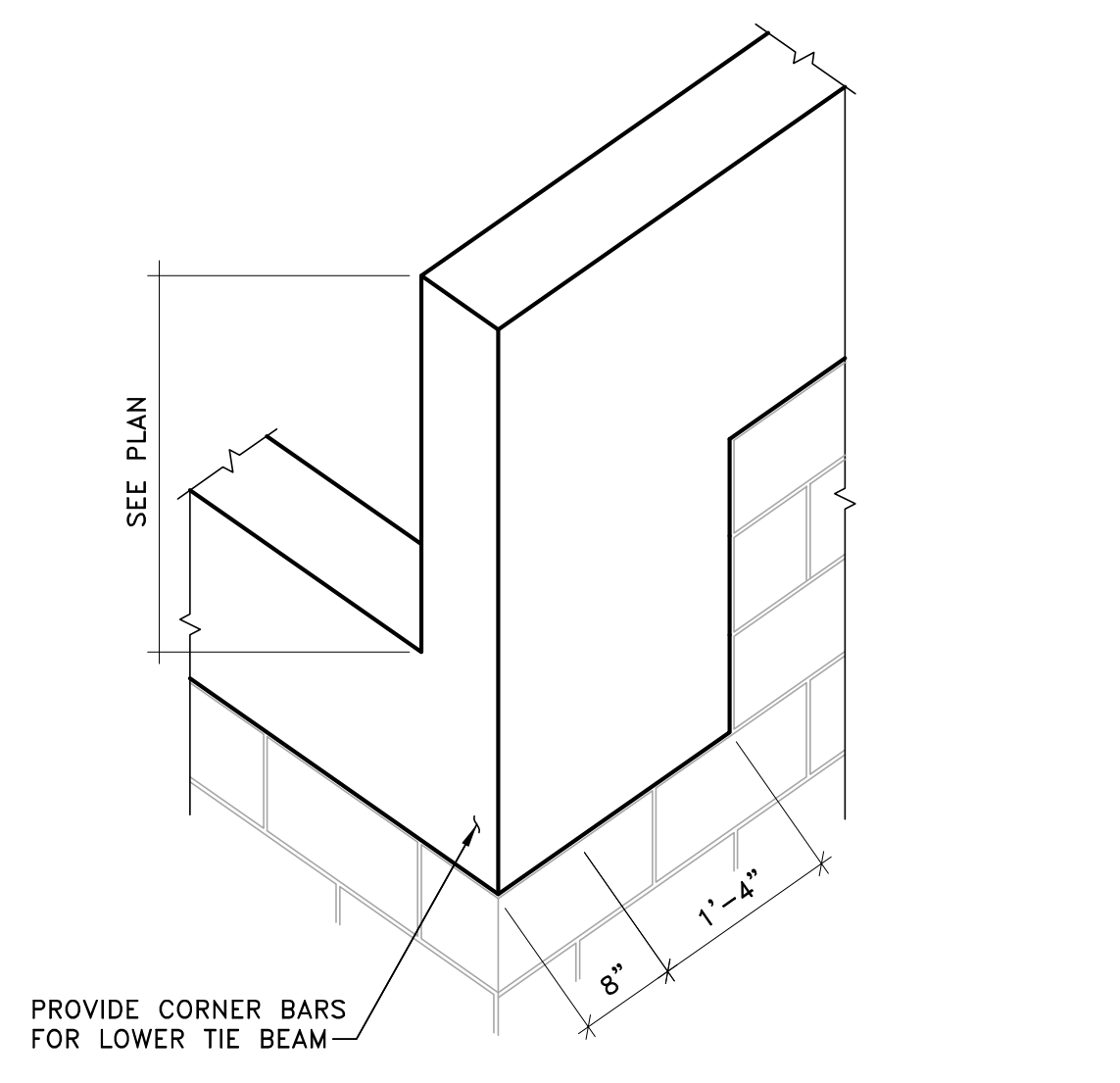
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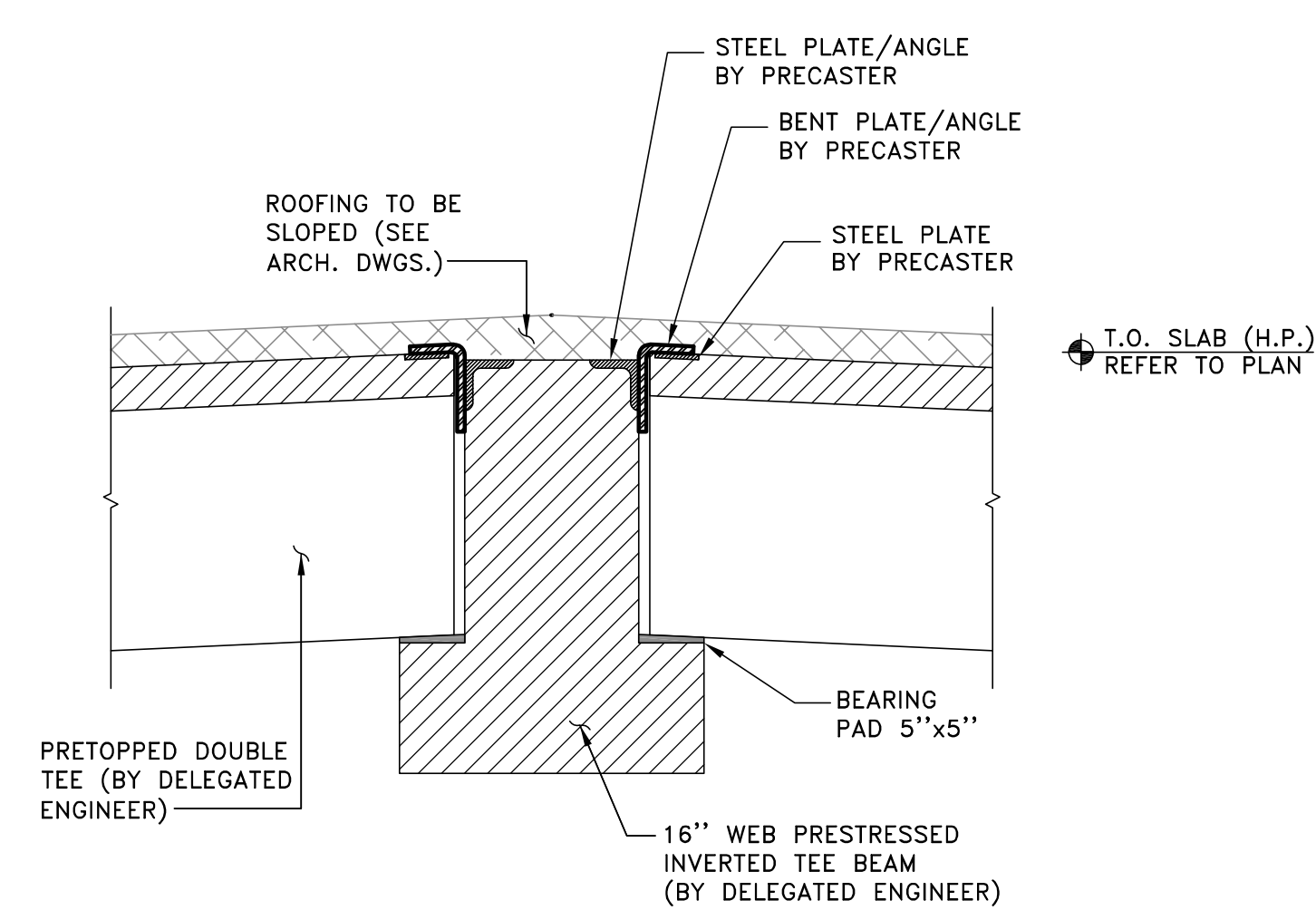
8 STEEL PLATE DETAIL
 SCALE: 3/4" = 1'-0"
 BEAM REINF. AT OPENINGS UP TO 9'-0"



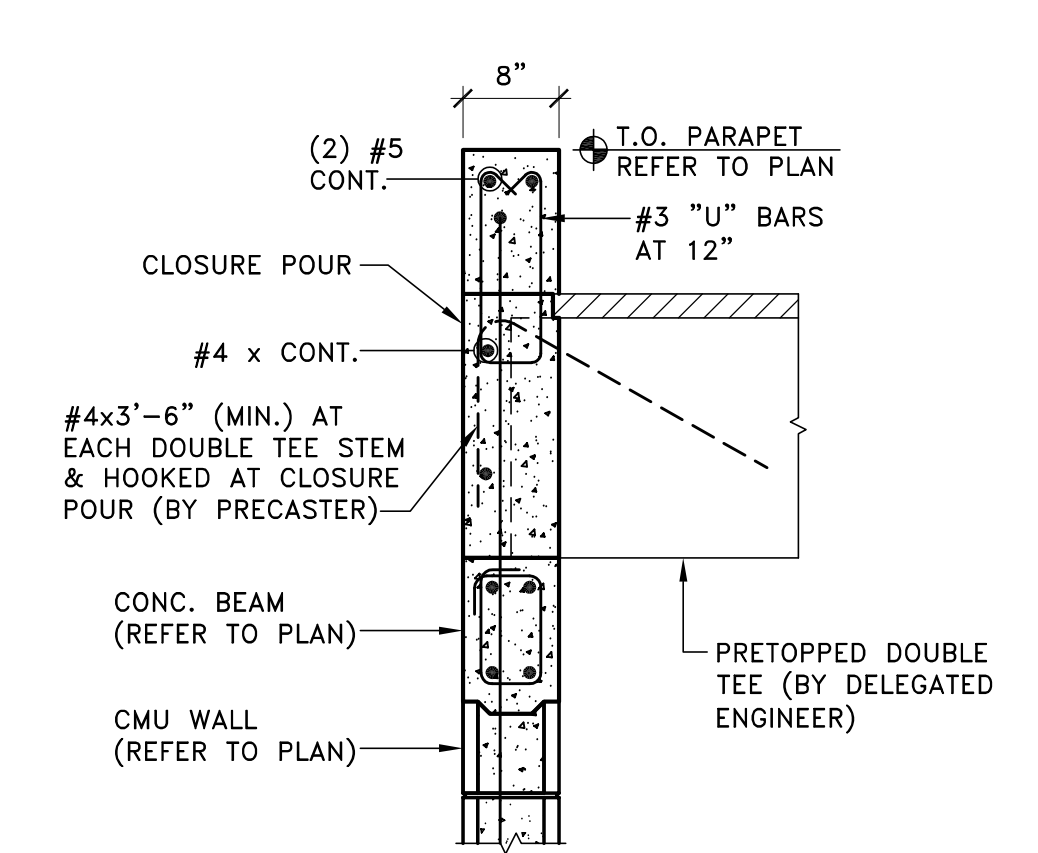
7 BEAM TO COLUMN AT ROOF
 SCALE: 3/4" = 1'-0"



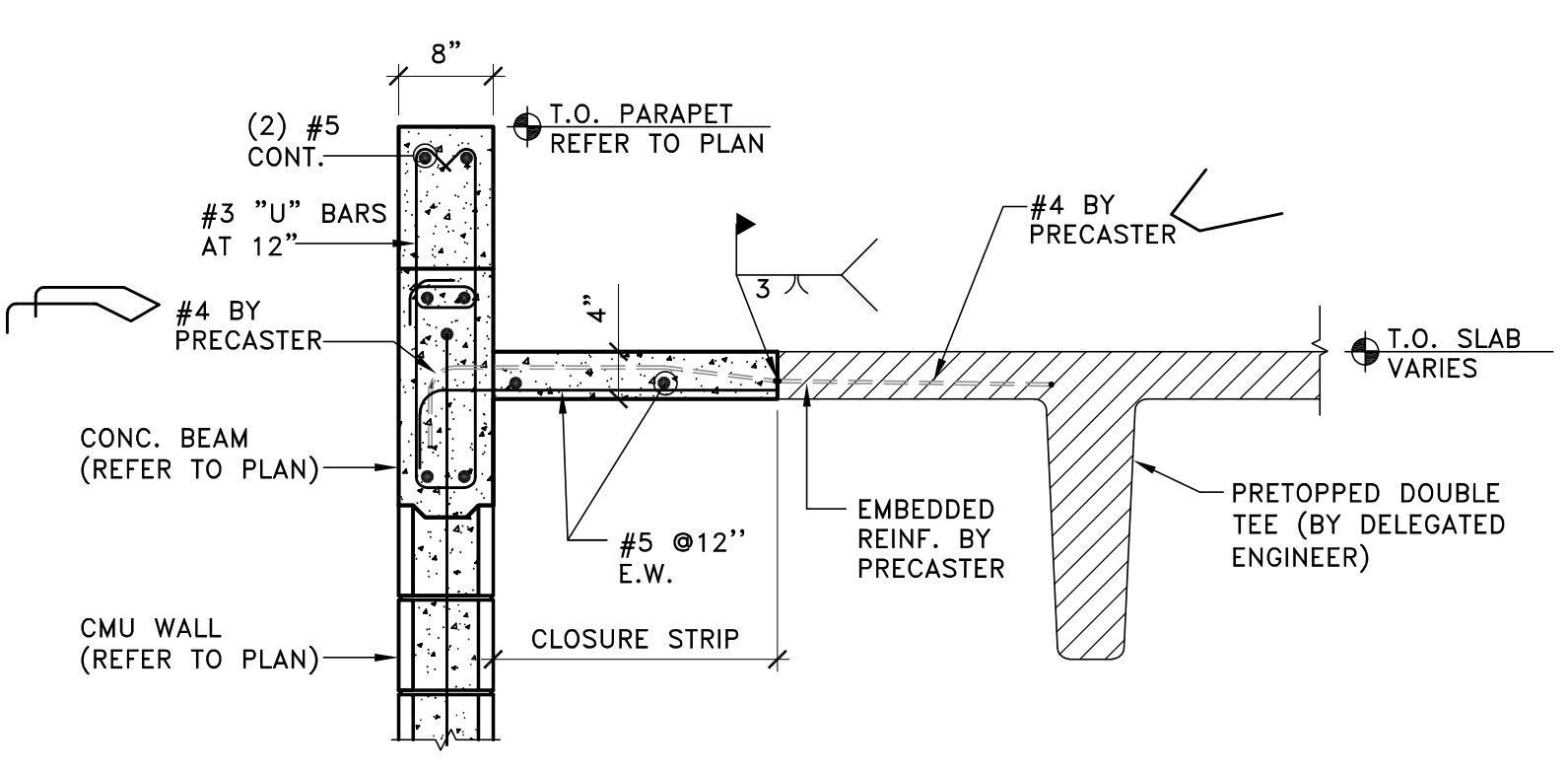
6 STEPPED TIE BEAM DETAIL
 SCALE: 3/4" = 1'-0"



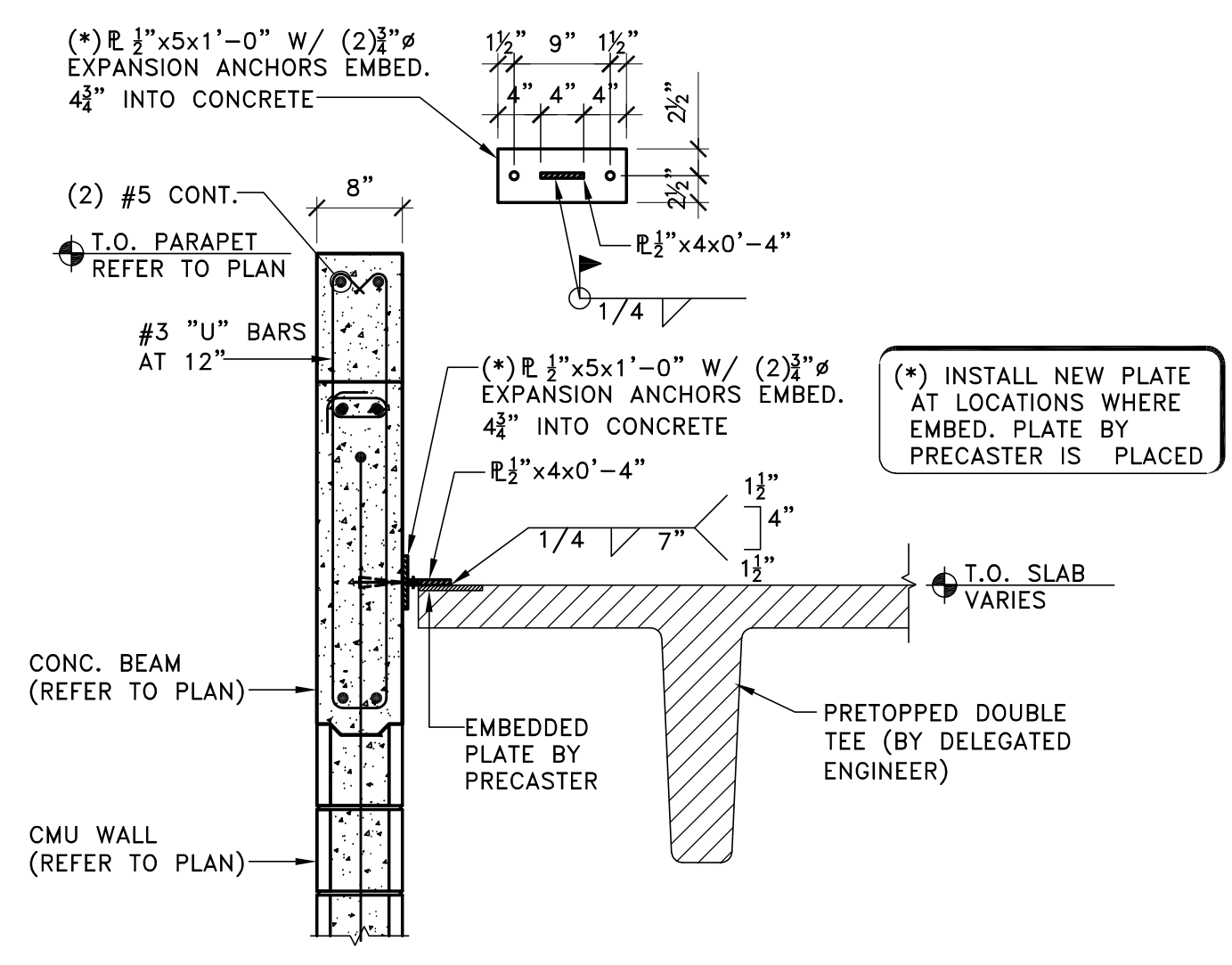
5 DOUBLE TEE TO BEAM AT ROOF
 SCALE: 3/4" = 1'-0"



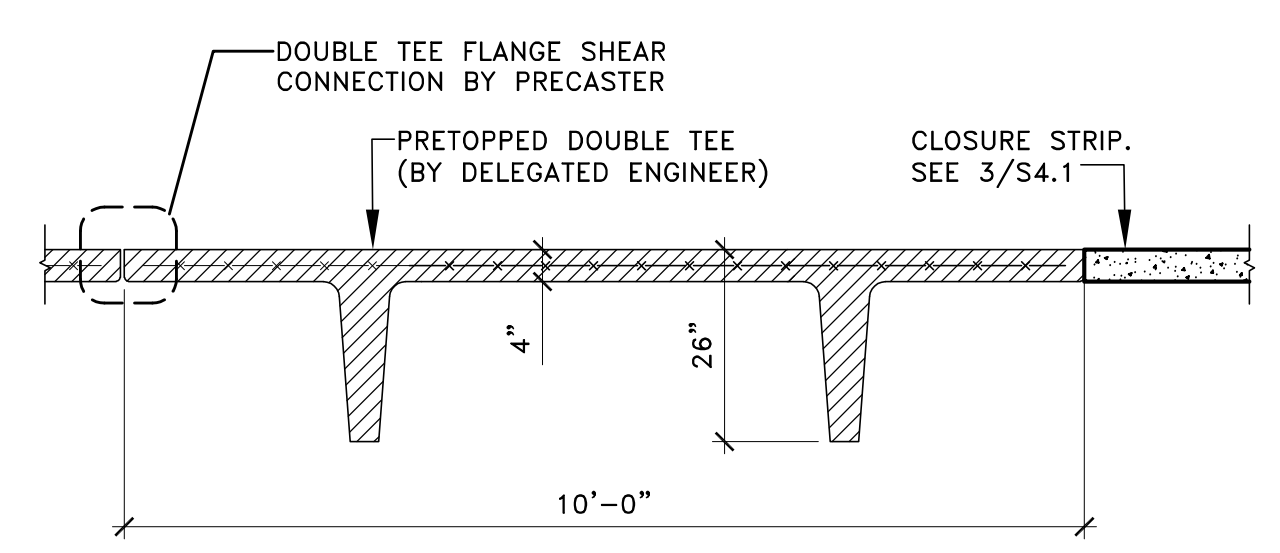
4 WALL SECTION
 SCALE: 3/4" = 1'-0"



3 DOUBLE TEE TO EXTERIOR WALL
 SCALE: 3/4" = 1'-0"



2 DOUBLE TEE TO EXTERIOR WALL
 SCALE: 3/4" = 1'-0"

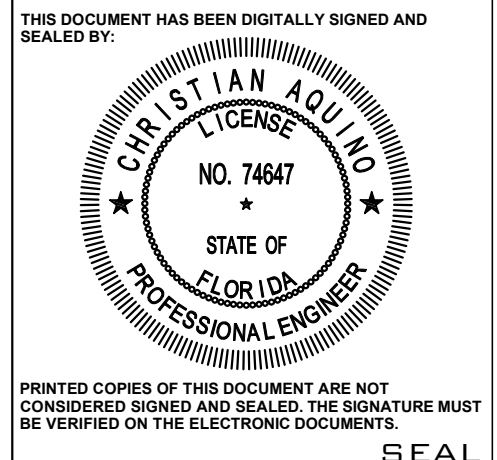


1 DOUBLE TEE DETAIL
 SCALE: 1/2" = 1'-0"

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DETAILS

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