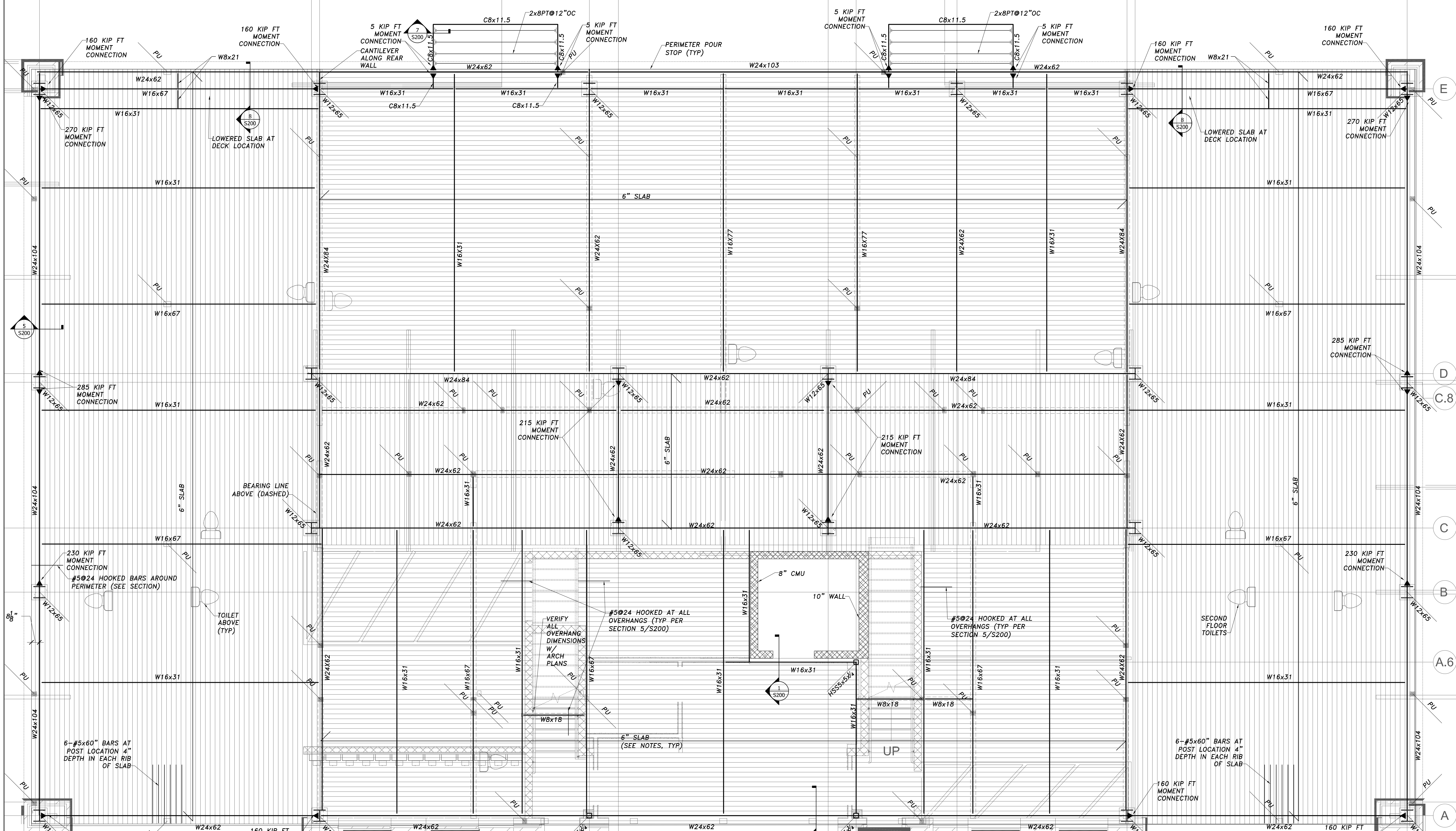


**FOUNDATION NOTES:**  
 1. ALL DIMENSIONS AND ELEVATIONS TO BE VERIFIED WITH SITE CONDITIONS AND ARCHITECTURAL DRAWINGS.

**FOUNDATION PLAN**  
 Scale: 1/4"=1'-0"

**LEGEND**

BW	= BEARING WALL
FVP	= FLAT VALLEY PLATE
(E)	= EXISTING
(N)	= NEW
TBR	= TO BE REMOVED
POST LOCATION	POST UP (ABOVE LINE)
	POST DOWN (BELOW LINE)
<b>DIM. LUMBER POST</b>	
NUMBER OF STUDS	
P3-26	= SIZE OF STUD
TYPE OF POST: P-POST, J-JACK,	
<b>ENGINEERED POST</b>	
LC 3 1/2"	= SIZE
TYPE OF POST: VC-VERSA COLUMN, LC-LALLY COLUMN, HSS-TUBE STEEL	



**2ND FLOOR FRAMING**  
Scale: 1/4"=1'-0"

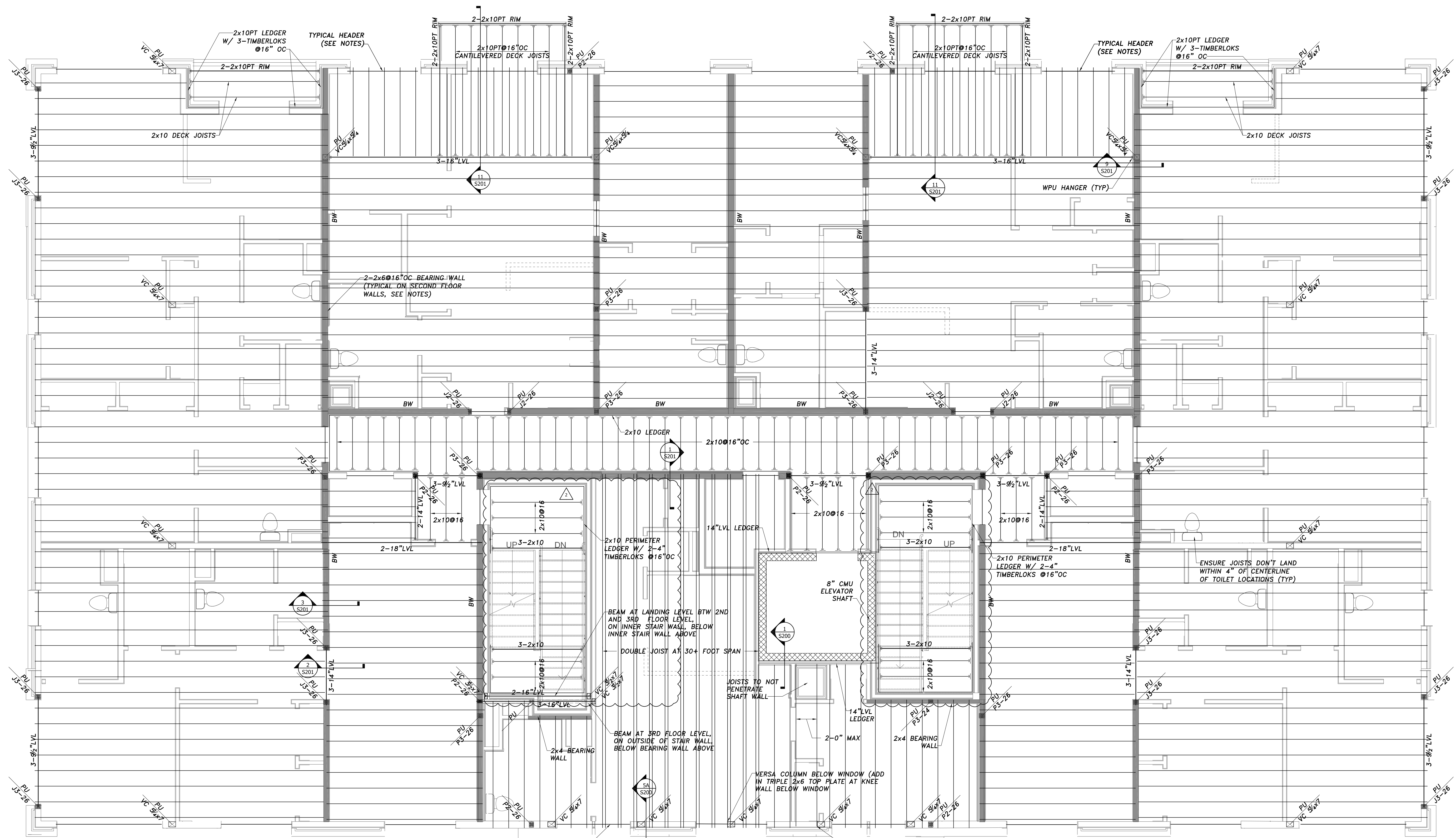
- NOTES:
1. CONTRACTOR TO SUBMIT STEEL SHOP DRAWINGS FOR ENGINEER'S REVIEW.
  2. SLAB COMPOSITE SLAB TO BE VULCRAFT 3VLJ 18 GAGE CONCRETE W/ 6" TOTAL THICKNESS.
  3. ALL STEEL DECKING TO BE INSTALLED AT A MINIMUM TWO-SPAN CONTINUOUS.
  4. PROVIDE 3/4" SHEAR STUD @ 24" OC AT W16 BEAMS AND 1/2" SHEAR STUD @ 12" OC AT W24 BEAMS.

**LEGEND**

BW	= BEARING WALL
FVP	= FLAT VALLEY PLATE
(E)	= EXISTING
(N)	= NEW
TBR	= TO BE REMOVED
POST LOCATION	POST UP (ABOVE LINE) POST DOWN (BELOW LINE)
DIM. LUMBER POST	NUMBER OF STUDS
P3-28	SIZE OF STUD
TYPE OF POST:	P-POST, J-JACK,
ENGINEERED POST	SIZE
LC 3/8"	SIZE
TYPE OF POST:	VC-VERSA COLUMN, LC-LALLY COLUMN, HSS-TUBE STEEL

1      2      2.1      3      4      5      5.3      6      6.9      7

A      B      C      C.8      D      E



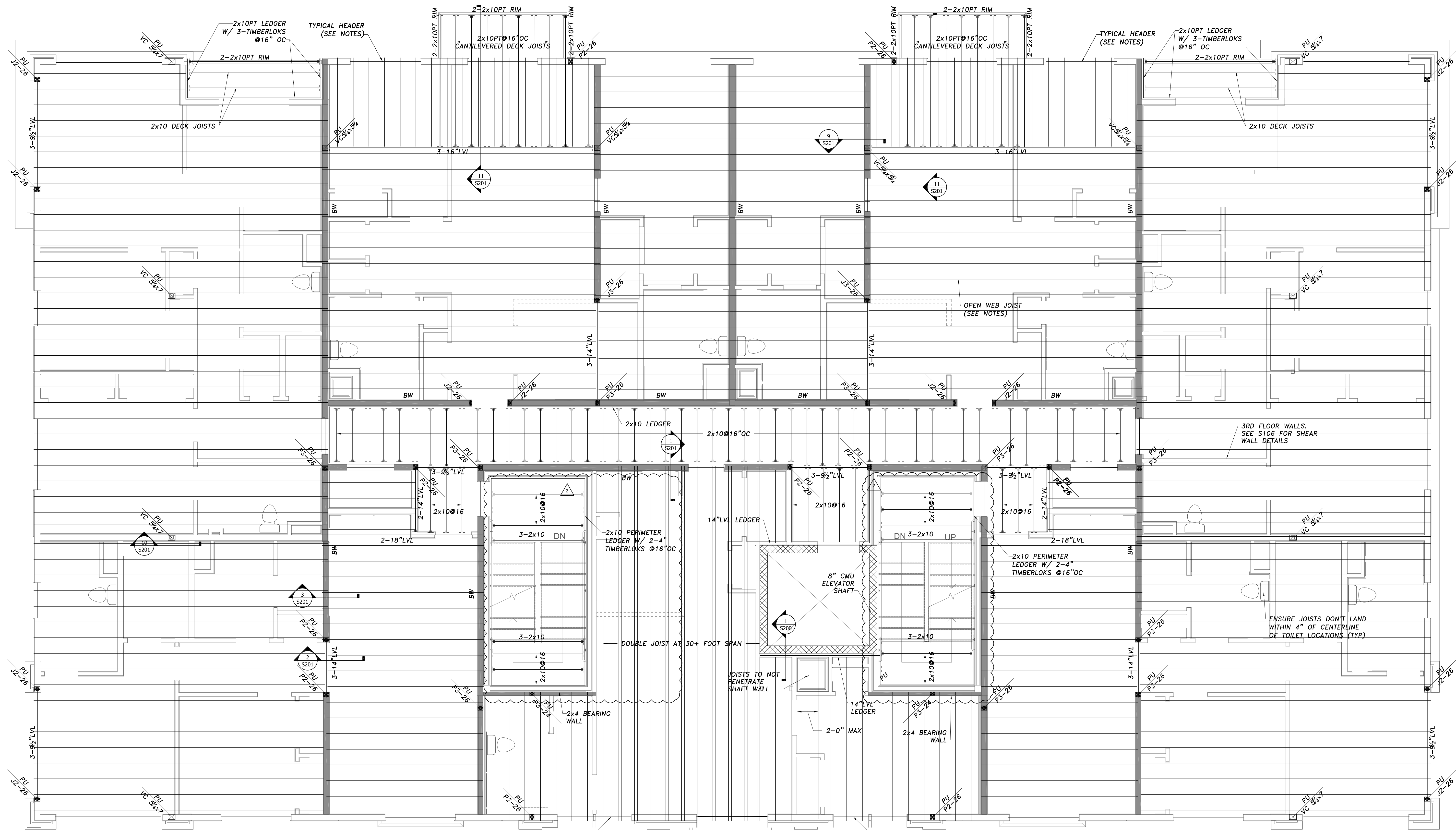
**3RD FLOOR FRAMING**  
Scale: 1/4"=1'-0"

**NOTES**

1. ALL JOISTS TO BE REDBUILT 18" RED-L OPEN WEB JOIST @16"OC UNLESS NOTED OTHERWISE. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL JOISTS, CONNECTIONS AND BRACING FROM TRUSS ENGINEER.
2. ALL LVL'S TO BE 1 1/4" WIDE, TRIPLE PLY BEAMS TO BE BOLTED TOGETHER WITH A MINIMUM OF 2-1/2" BOLTS AT 16" ON CENTER OR 3-1/4" DIAMETER SELF TAPPING LAG SCREWS AT 16" ON CENTER, ALTERNATING INSERTION SIDES, FOLLOW MANUF. SPECS
3. BW DENOTES BEARING WALLS CONSISTING OF 2-2x6@16"OC MINIMUM WITH BLOCKING AT QUARTER POINTS OF WALL. STUDS TO BE GANGED TOGETHER W/ CODE COMPLIANT NAILING. (2nd FLOOR WALLS)
4. TYPICAL HEADERS AT OUTSIDE WALLS AND ALONG BEARING WALLS TO BE AS FOLLOWS

**LEGEND**

BW	= BEARING WALL
FVP	= FLAT VALLEY PLATE
(E)	= EXISTING
(N)	= NEW
TBR	= TO BE REMOVED
POST LOCATION	POST UP (ARROW UP) POST DOWN (ARROW DOWN)
DIM. LUMBER POST	NUMBER OF STUDS
P3-26	SIZE OF STUD
P-POST, J-JACK,	TYPE OF POST:
ENGINEERED POST	
LC 3 1/2"	SIZE
VC-VERSA COLUMN,	TYPE OF POST:
LC-LALLY COLUMN,	
HSS-TUBE STEEL	



**4th FLOOR FRAMING**  
Scale: 1/4"=1'-0"

- NOTES**
1. ALL JOISTS TO BE REDBUILT 18" RED-L OPEN WEB JOIST @16"OC UNLESS NOTED OTHERWISE. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL JOISTS, CONNECTIONS AND BRACING FROM TRUSS ENGINEER.
  2. ALL LVL'S TO BE 1 1/2" WIDE. TRIPLE PLY BEAMS TO BE BOLTED TOGETHER WITH A MINIMUM OF 2-1/2" BOLTS AT 16" ON CENTER OR 3-3/4" DIAMETER SELF TAPPING LAG SCREWS AT 16" ON CENTER, ALTERNATING INSERTION SIDES. FOLLOW MANUF. SPECS
  3. BW DENOTES BEARING WALLS CONSISTING OF 2x6@16"OC MINIMUM WITH BLOCKING AT THIRD POINTS OF WALL.
  4. TYPICAL HEADERS AT OUTSIDE WALLS AND ALONG BEARING WALLS TO BE AS FOLLOWS

**LEGEND**

BW	= BEARING WALL
FVP	= FLAT VALLEY PLATE
(E)	= EXISTING
(N)	= NEW
TBR	= TO BE REMOVED
POST LOCATION	POST UP (ABOVE LINE) / POST DOWN (BELOW LINE)
DIM.	LUMBER POST NUMBER OF STUDS
P3-26	SIZE OF STUD
P-POST, J-JACK,	ENGINEERED POST
LC 3x3	SIZE
VC-VERSA COLUMN, LC-LALLY COLUMN, HSS-TUBE STEEL	TYPE OF POST

3RD FLOOR WALLS. SEE S106 FOR SHEAR WALL DETAILS

ENSURE JOISTS DON'T LAND WITHIN 4" OF CENTERLINE OF TOILET LOCATIONS (TYP)

OPEN WEB JOIST (SEE NOTES)

JOISTS TO NOT PENETRATE SHAFT WALL

DOUBLE JOIST AT 30+ FOOT SPAN

2x10 PERIMETER LEDGER W/ 2-4" TIMBERLOKS @16"OC

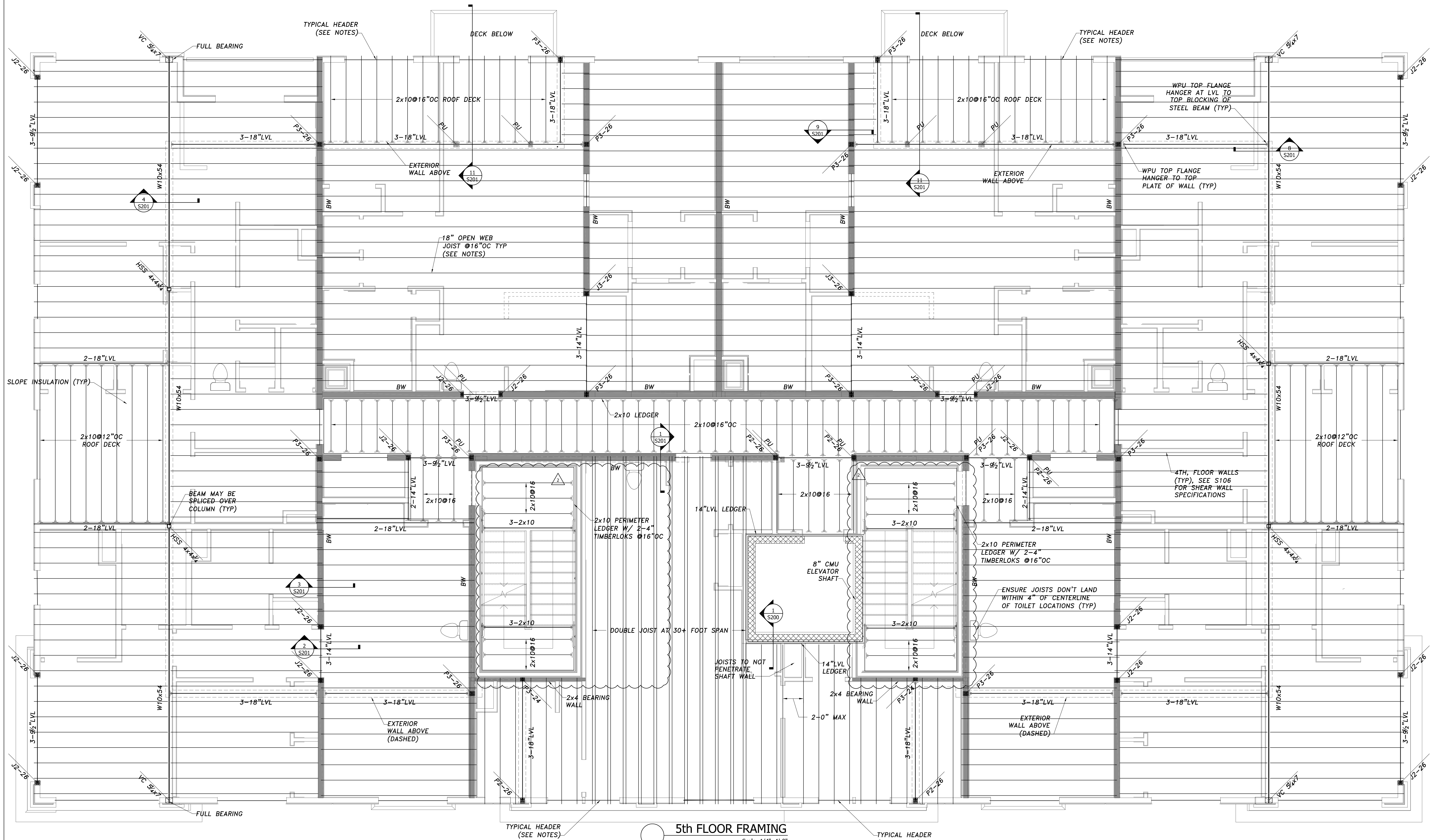
2x10 PERIMETER LEDGER W/ 2-4" TIMBERLOKS @16"OC

TYPICAL HEADER (SEE NOTES)

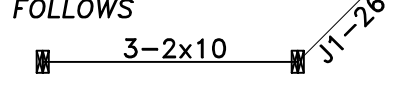
TYPICAL HEADER (SEE NOTES)

TYPICAL HEADER (SEE NOTES)

TYPICAL HEADER (SEE NOTES)

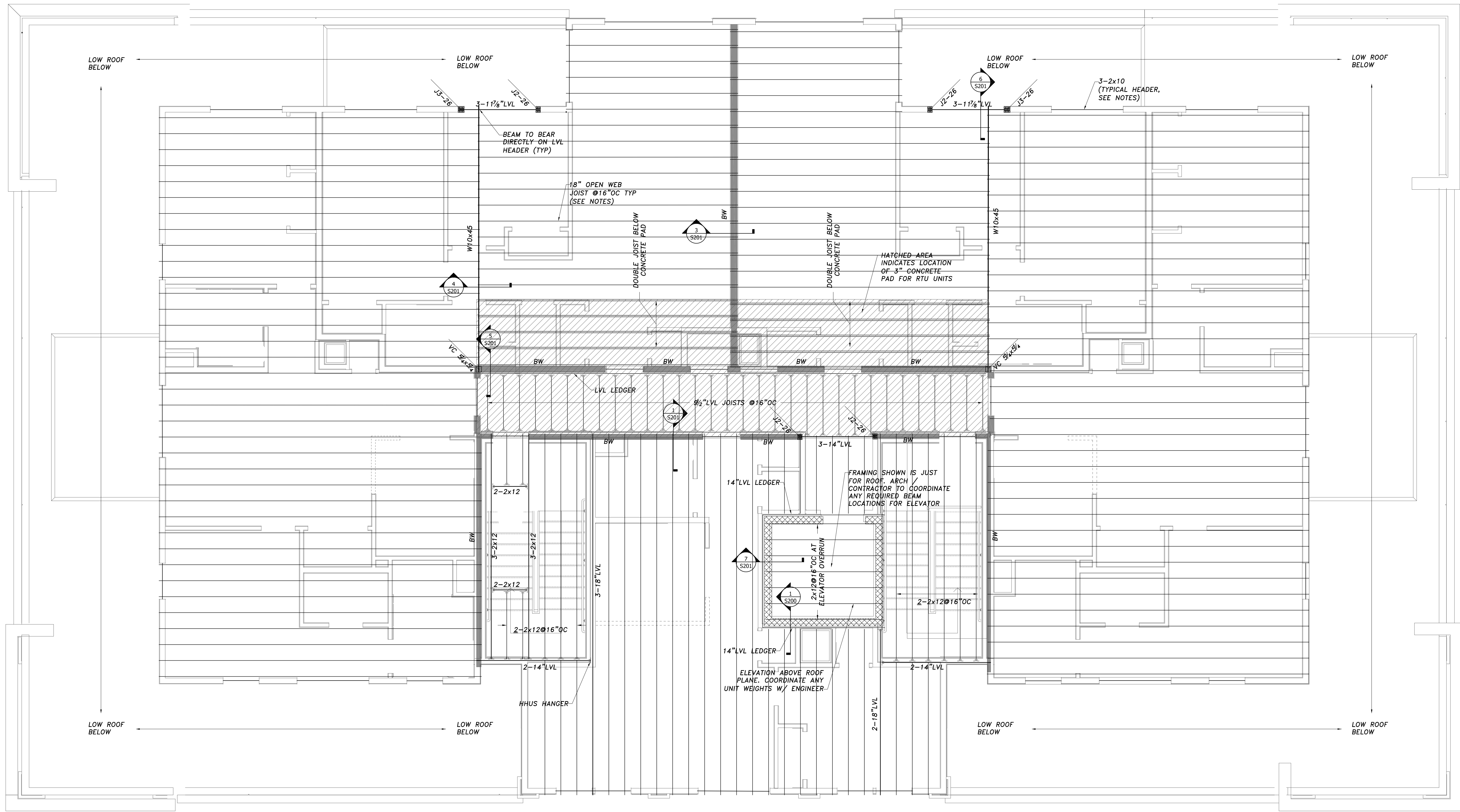


- NOTES
- ALL JOISTS TO BE REDBUILT 18" RED-L OPEN WEB JOIST @16"OC. UNLESS NOTED OTHERWISE, CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL JOISTS, CONNECTIONS AND BRACING FROM TRUSS ENGINEER.
  - ALL LVL'S TO BE 1 1/2" WIDE. TRIPLE PLY BEAMS TO BE BOLTED TOGETHER WITH A MINIMUM OF 2-1/2" BOLTS AT 16" ON CENTER OR 3-3/4" DIAMETER SELF TAPPING LAG SCREWS AT 16" ON CENTER, ALTERNATING INSERTION SIDES, FOLLOW MANUF. SPECS
  - BW DENOTES BEARING WALLS CONSISTING OF 2x6@16"OC MINIMUM WITH BLOCKING AT MIDHEIGHT OF WALL.
  - TYPICAL HEADERS AT OUTSIDE WALLS AND ALONG BEARING WALLS TO BE AS FOLLOWS



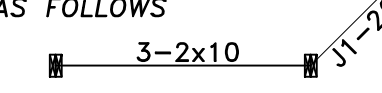
LEGEND

BW	= BEARING WALL
FVP	= FLAT VALLEY PLATE
(E)	= EXISTING
(N)	= NEW
TBR	= TO BE REMOVED
POST LOCATION	POST UP (ABOVE LINE) / POST DOWN (BELOW LINE)
DIM. LUMBER POST	NUMBER OF STUDS
P3-26	= SIZE OF STUD
	= TYPE OF POST: P-POST, J-JACK, ENGINEERED POST
LC 3 1/2	= SIZE
	= TYPE OF POST: VC-VERSA COLUMN, LC-LALLY COLUMN, HSS-TUBE STEEL



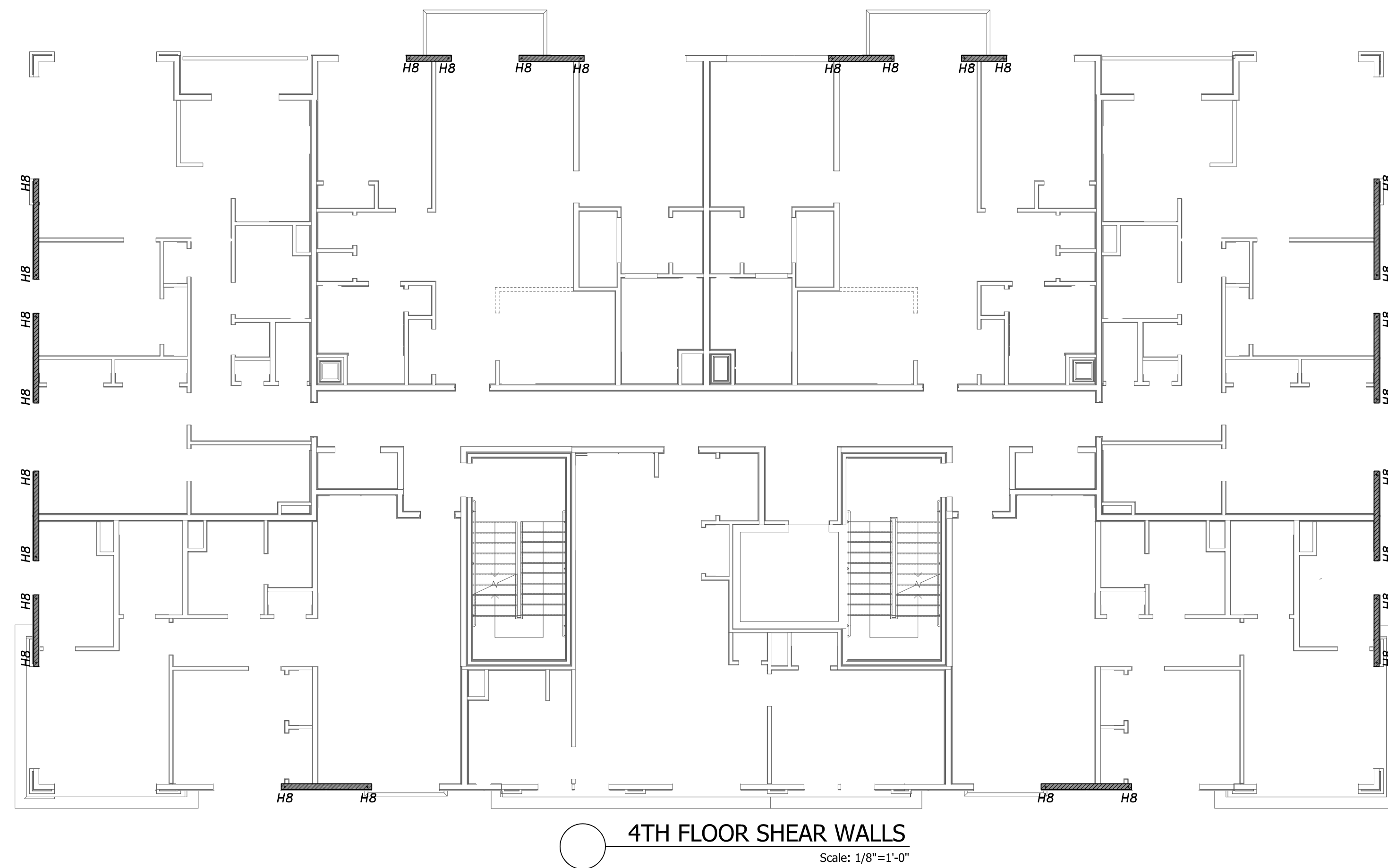
**ROOF FRAMING**  
Scale: 1/4"=1'-0"

- NOTES**
1. ALL JOISTS TO BE REDBUILT 18" RED-L OPEN WEB JOIST @16"OC, UNLESS NOTED OTHERWISE. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL JOISTS, CONNECTIONS AND BRACINGS FROM TRUSS ENGINEER.
  2. ALL LVL'S TO BE 1 1/2" WIDE. TRIPLE PLY BEAMS TO BE BOLTED TOGETHER WITH A MINIMUM OF 2-1/2"Ø BOLTS AT 16" ON CENTER OR 3-1/4"Ø DIAMETER SELF TAPPING LAG SCREWS AT 16" ON CENTER, ALTERNATING INSERTION SIDES, FOLLOW MANUF. SPECS
  3. HURRICANE TIE TO BE SPECIFIED ON SHOP DRAWINGS FOR ENGINEER'S REVIEW.
  9. BW DENOTES BEARING WALLS CONSISTING OF 2x4@16"OC MINIMUM WITH BLOCKING AT MIDHEIGHT OF WALL.
  10. TYPICAL HEADERS AT OUTSIDE WALLS AND ALONG BEARING WALLS TO BE AS FOLLOWS



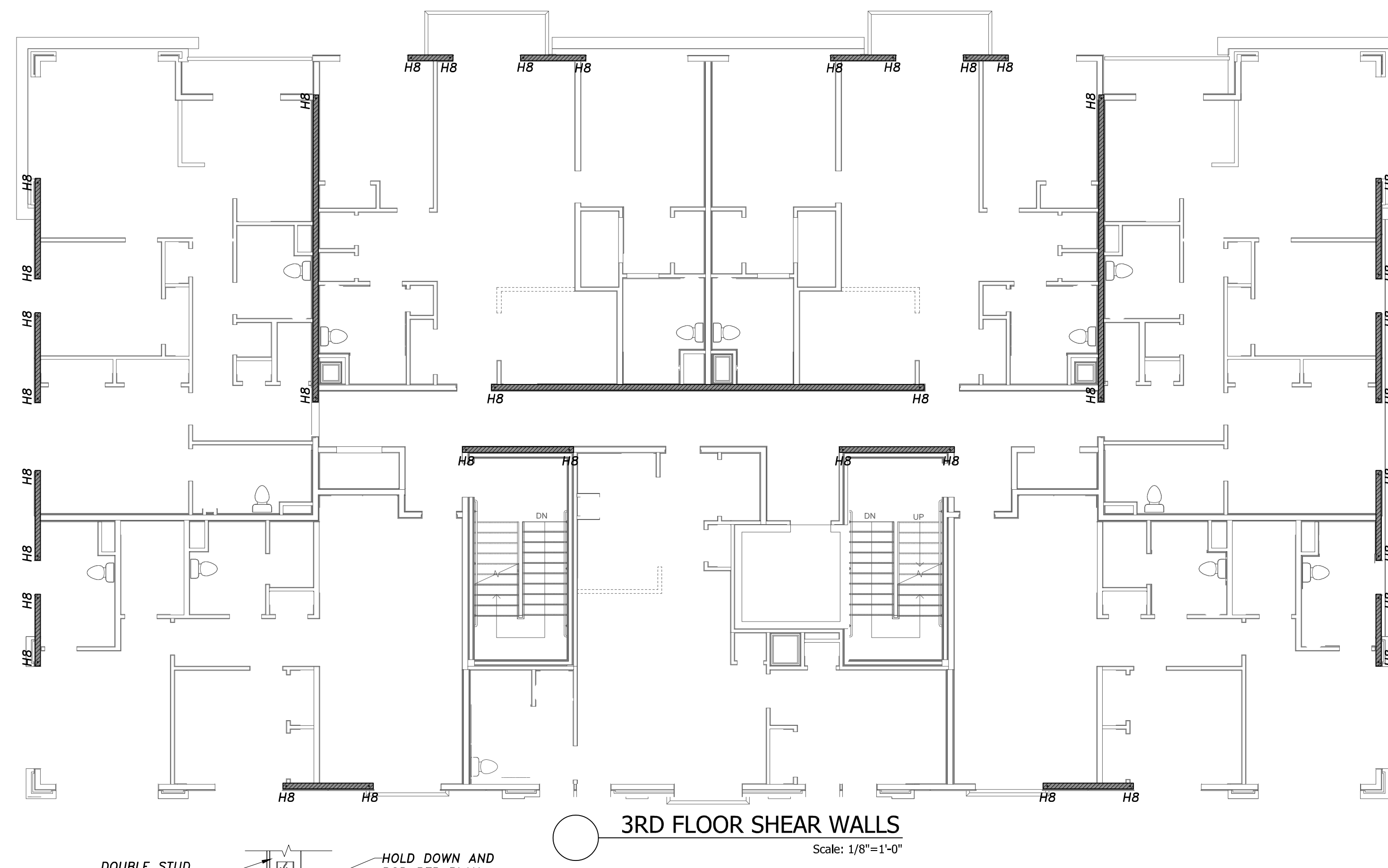
**LEGEND**

BW	= BEARING WALL
FVP	= FLAT VALLEY PLATE
(E)	= EXISTING
(N)	= NEW
TBR	= TO BE REMOVED
POST LOCATION	POST UP (ABOVE LINE)
	POST DOWN (BELOW LINE)
<b>DIM. LUMBER POST</b>	
	NUMBER OF STUDS
P3-26	SIZE OF STUD
	TYPE OF POST: P-POST, J-JACK,
<b>ENGINEERED POST</b>	
LC 3 3/8	SIZE
	TYPE OF POST: VC-VERSA COLUMN, LC-LALLY COLUMN, HSS-TUBE STEEL



4TH FLOOR SHEAR WALLS

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



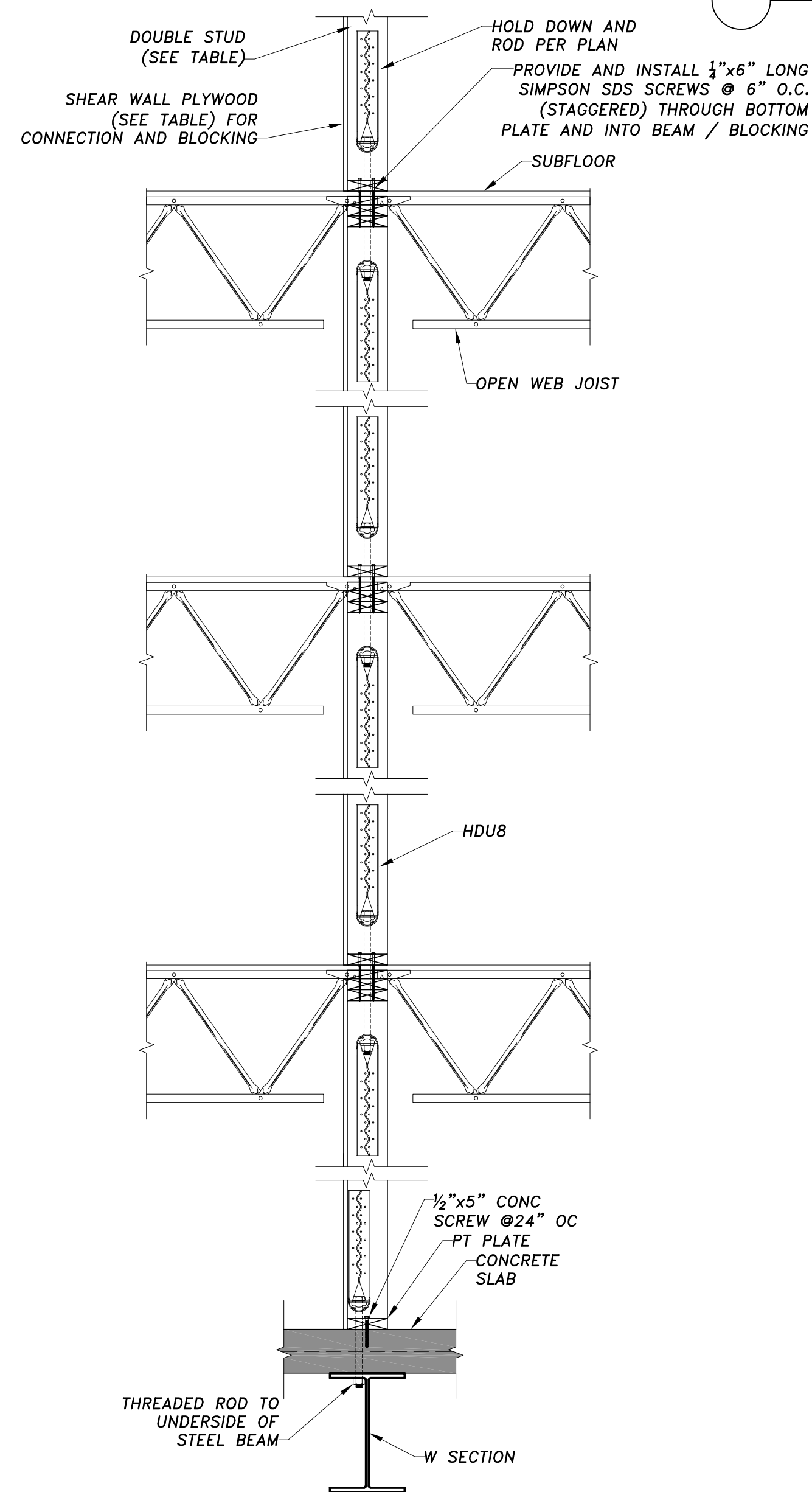
3RD FLOOR SHEAR WALLS

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



2ND FLOOR SHEAR WALLS

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



TYPICAL INTERIOR SHEAR WALL

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

SHEAR WALL CONSTRUCTION FOR ALL FLOORS

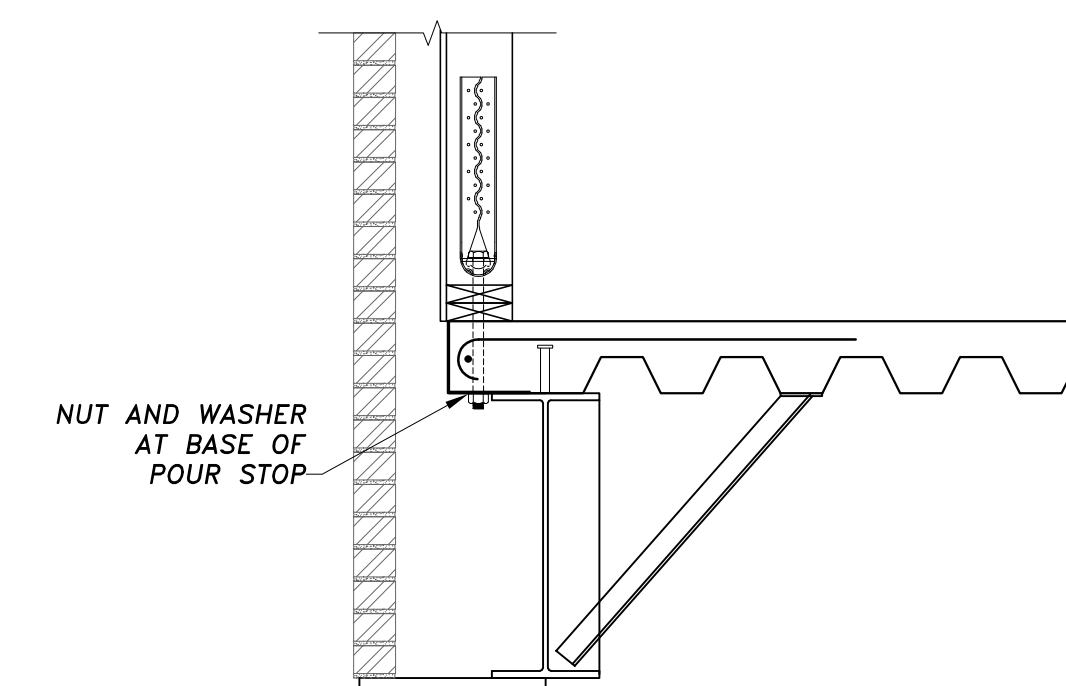
SHEARWALL HATCH	PLYWOOD FACE	SHEETROCK FACE	WALL STUDS @ PANEL EDGES	BLOCKING @ EDGES?	NAILING @ PANEL EDGES
	OUTER	INNER	SINGLE 2x6	BLOCKED	8d @ 4" O.C.

HOLDOWN SCHEDULE

HOLDOWN ID TAG ON PLAN	SIMPSON MODEL #	HOLDOWN FASTENED TO:	FASTENERS TO FRAMING	THREADED ROD DIAMETER
H8	HDU8-SDS2.5	DOUBLE LVL WALL STUD	SDS SCREWS	7/8" DIA.

HOLDOWN NOTES:

- ALL MULTI-PLY WALL STUDS FASTENED TO HOLDOWNS SHALL BE GANGED TOGETHER IN ACCORDANCE WITH BUILDING CODE AND GENERAL NOTES.

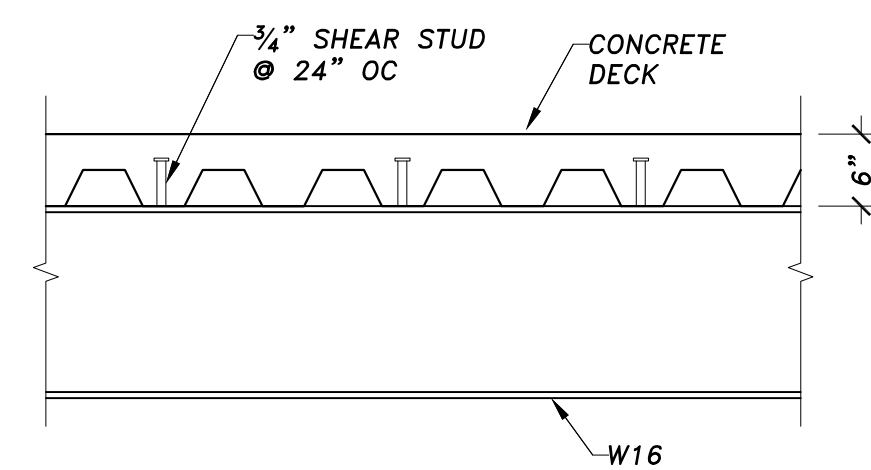


EXTERIOR SHEAR WALL

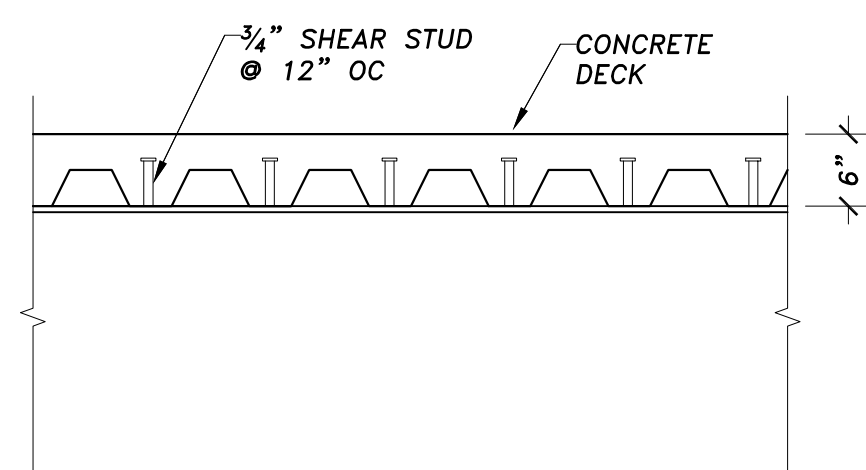
Scale: 3/4" = 1'-0"

LEGEND

- BW = BEARING WALL
  - FVP = FLAT VALLEY PLATE
  - (C) = EXISTING
  - (N) = NEW
  - TBR = TO BE REMOVED
- |                  |                      |                        |
|------------------|----------------------|------------------------|
| POST LOCATION    | POST UP (ABOVE LINE) | POST DOWN (BELOW LINE) |
| DIM. LUMBER POST | NUMBER OF STUDS      | SIZE OF STUD           |
| P3-26            | P-POST, J-JACK,      | ENGINEERED POST        |
| LC 3 1/2"        | SIZE                 | TYPE OF POST:          |
|                  | VC-VERSA COLUMN,     | LC-LALLY COLUMN,       |
|                  | HSS-TUBE STEEL       |                        |



SLAB AT W16 BEAM  
Scale: 3/4" = 1'-0"



SLAB AT W24 BEAM  
Scale: 3/4" = 1'-0"

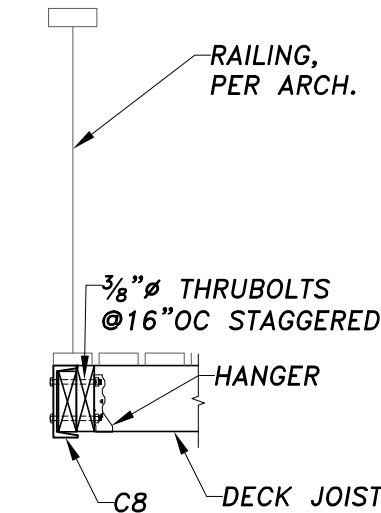
NOTES:

1. ALL CONNECTIONS TO BE MADE WITH BACK TO BACK 3/8" THICK ANGLES PER TABLE AISC TABLE 10-1
2. BOLTS ARE ASTM A325N U.N.O.
3. BOLTS TO HAVE 1/4" EDGE DISTANCE
4. ANGLES AND BOLT NUMBERS ARE BELOW

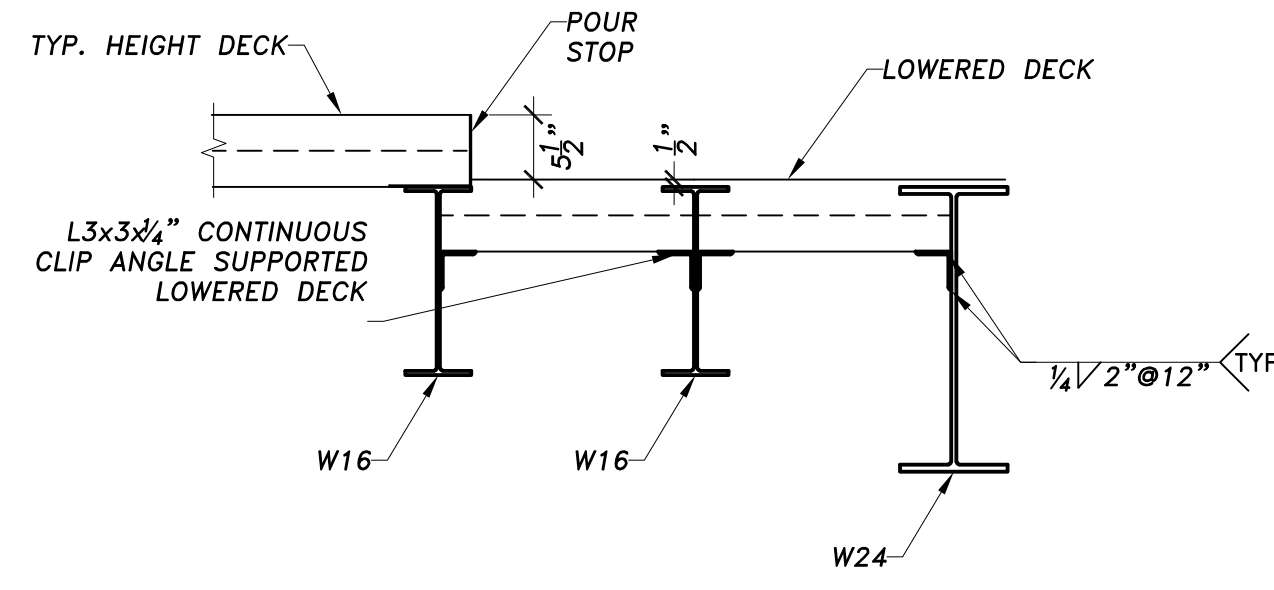
STANDARD		
BEAM SIZE	ANGLE LENGTH (L)	NO. OF ROWS OF BOLTS (N)
W16	8 1/2"	3
W24	11 1/2"	4

REFER TO AISC TABLE 10-1, BEARING TYPE CONNECTIONS

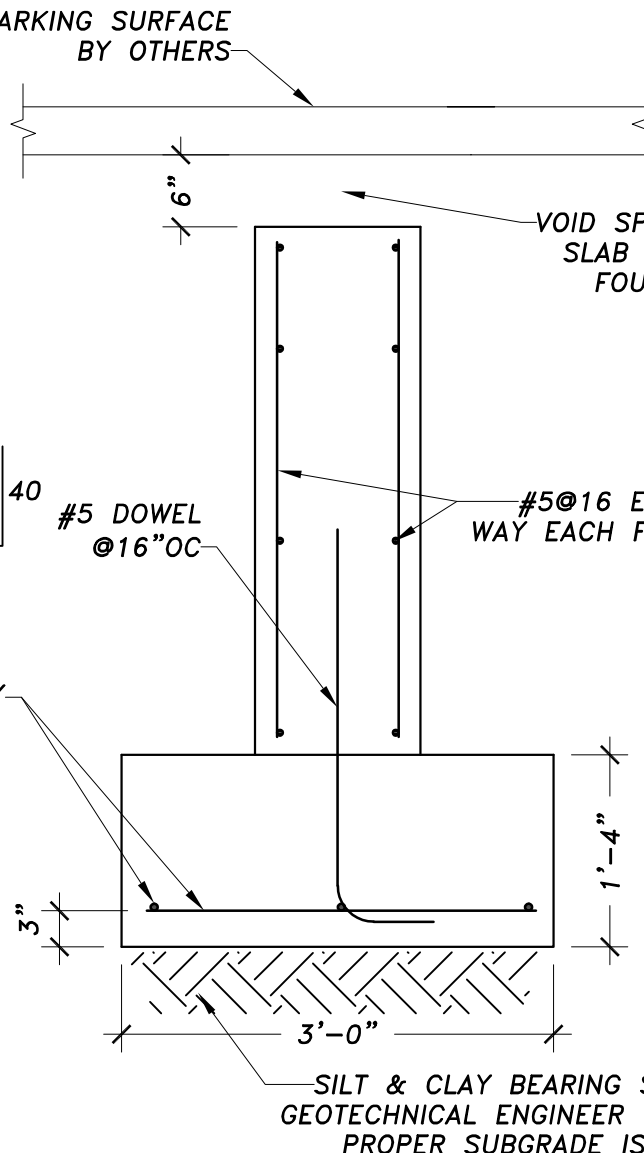
STEEL BEAM CONNECTION - DOUBLE ANGLE  
Scale: NOT TO SCALE



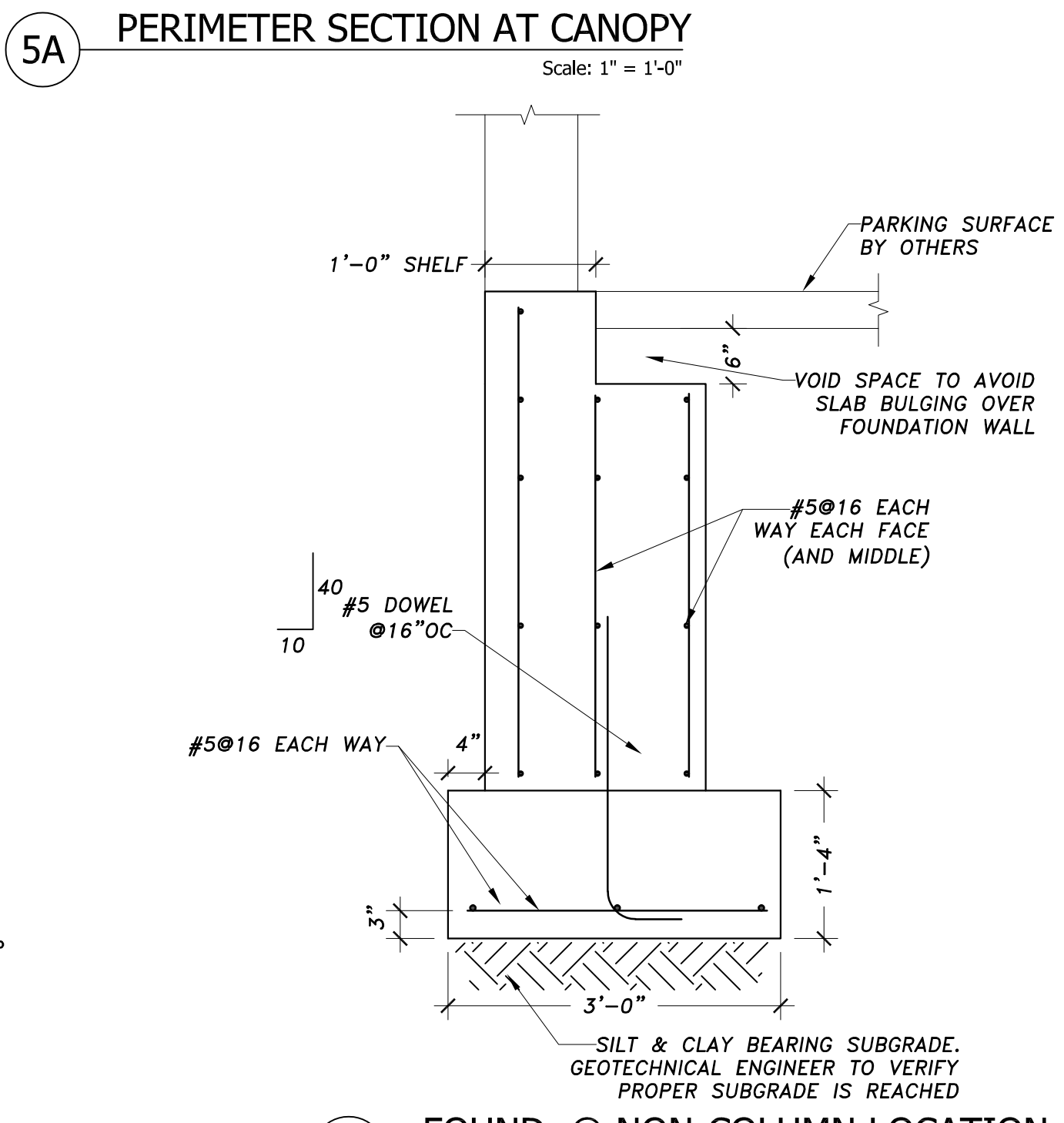
7 DECK DETAIL  
Scale: 3/4" = 1'-0"



8 LOWERED CONCRETE DECK  
Scale: 3/4" = 1'-0"

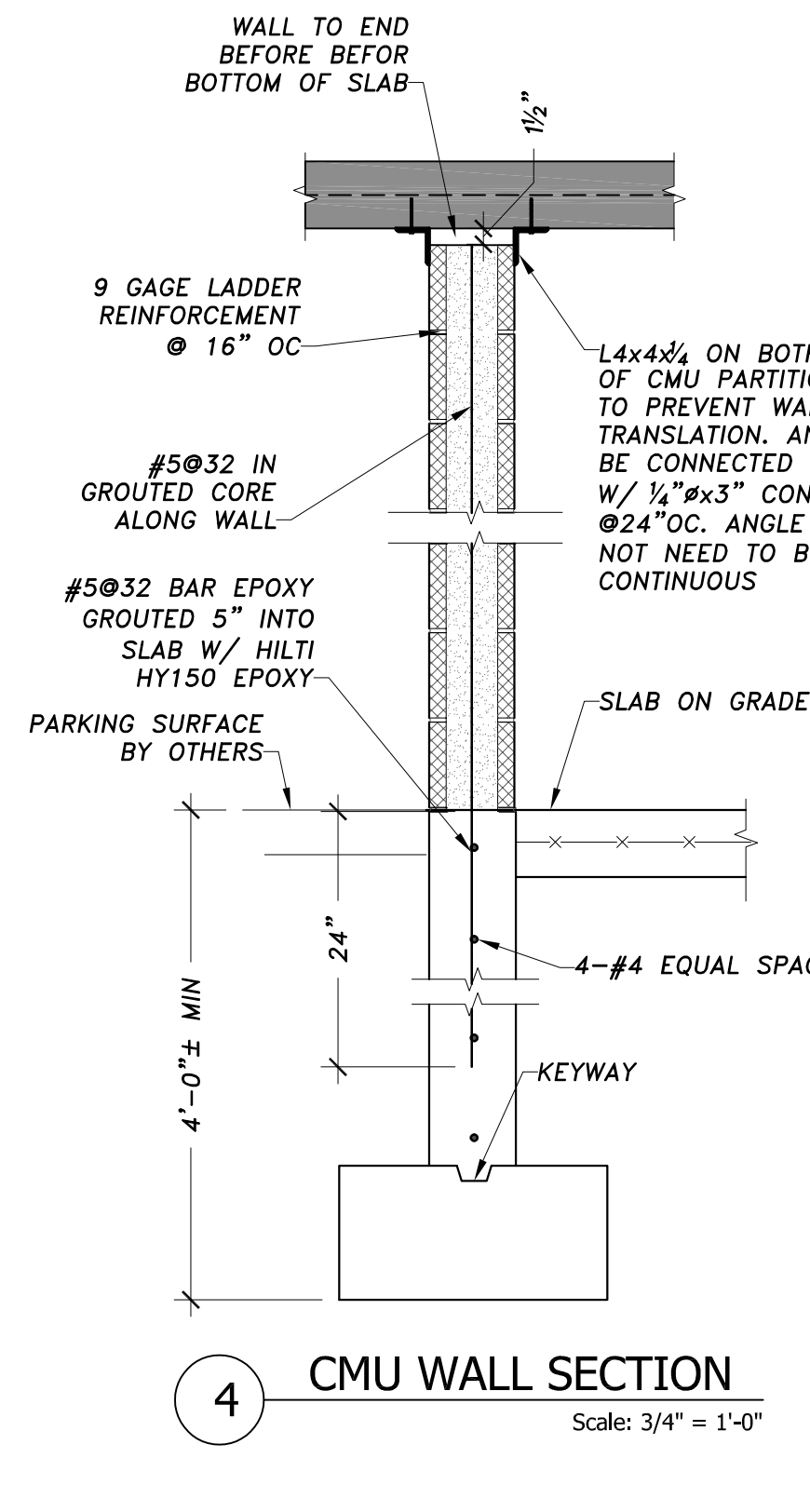


3 FOUND. @ NON-COLUMN LOCATION  
Scale: 3/4" = 1'-0"

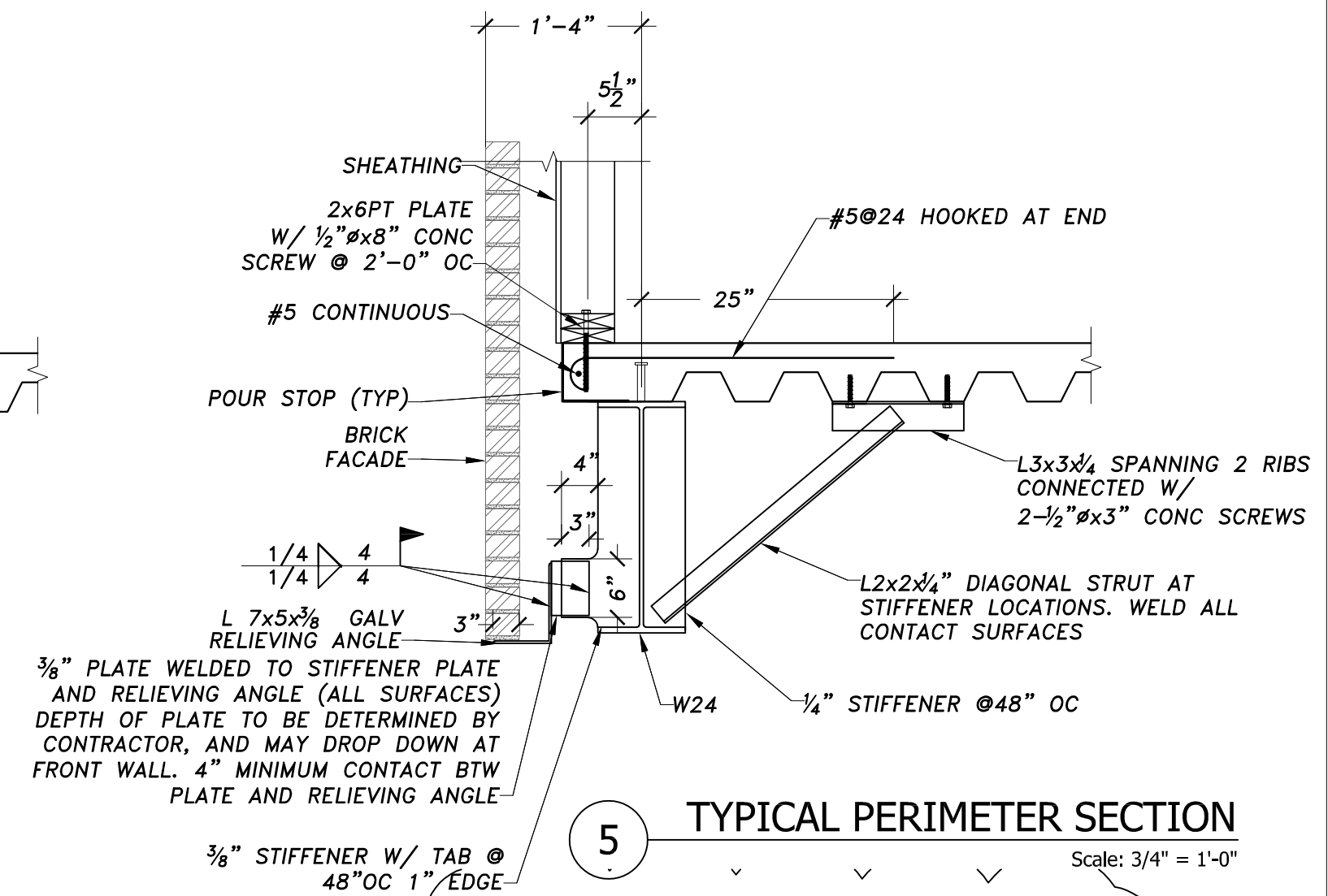


5A PERIMETER SECTION AT CANOPY  
Scale: 1" = 1'-0"

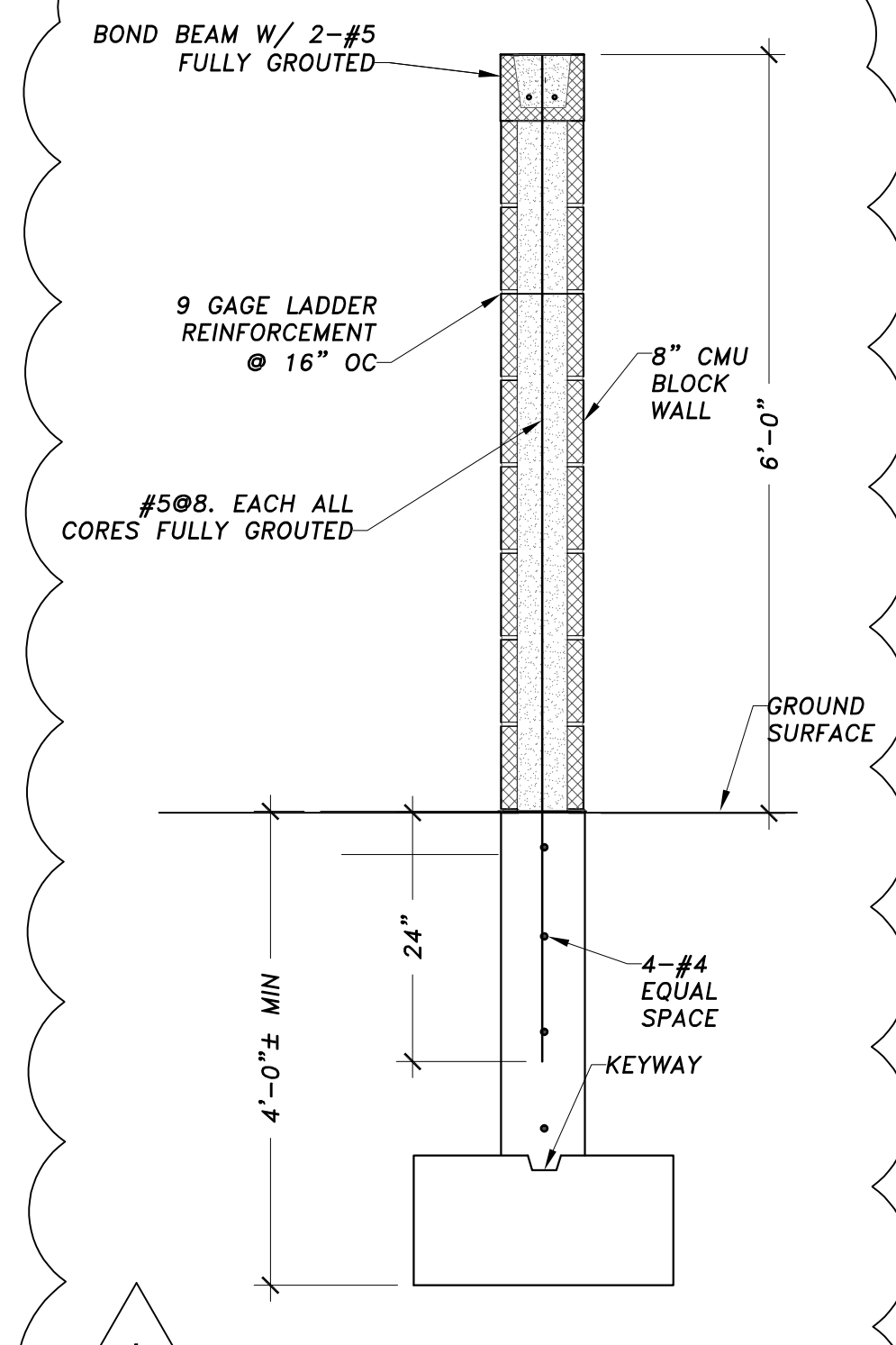
6 FOUND. @ NON-COLUMN LOCATION  
Scale: 3/4" = 1'-0"



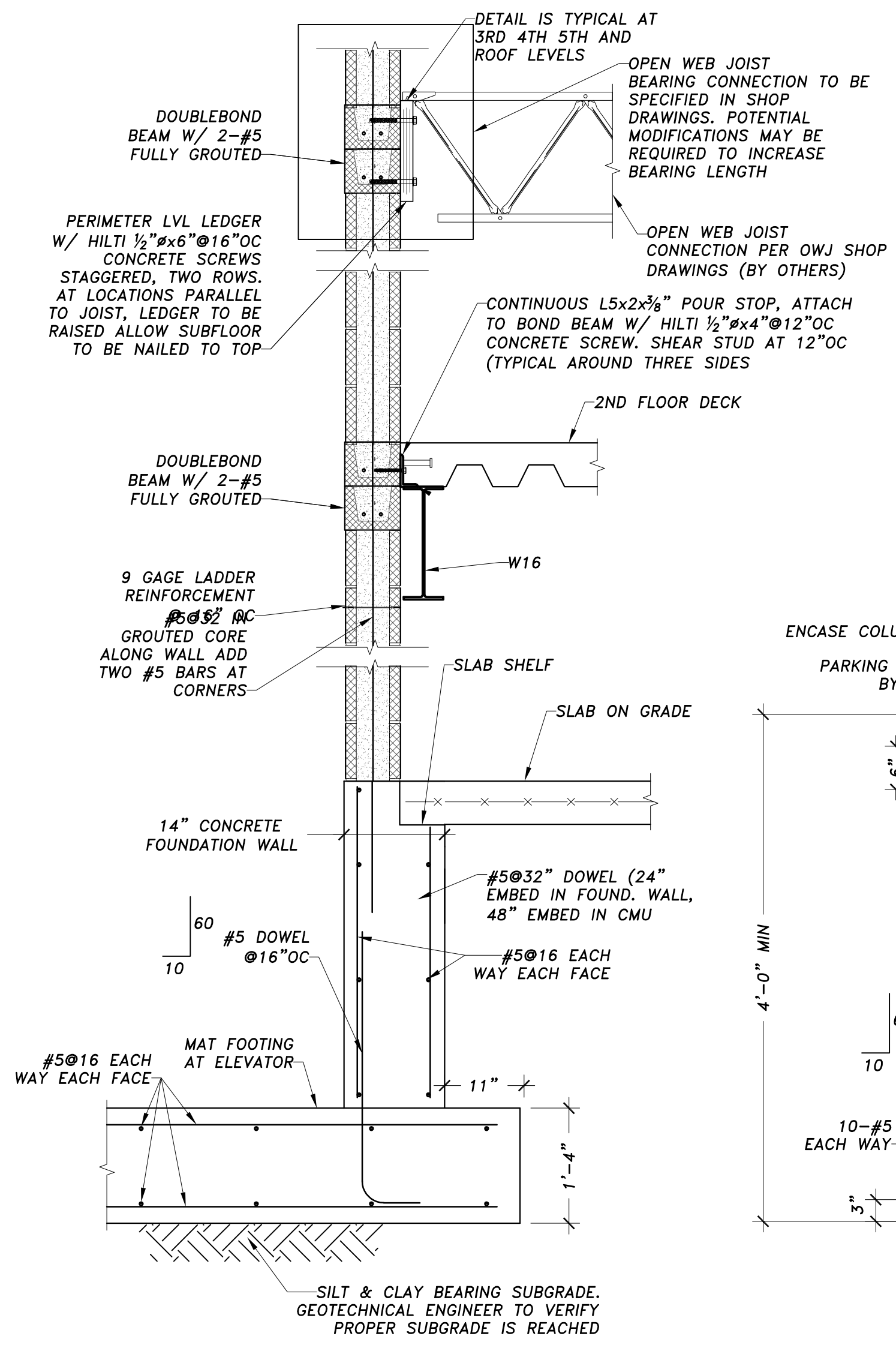
4 CMU WALL SECTION  
Scale: 3/4" = 1'-0"



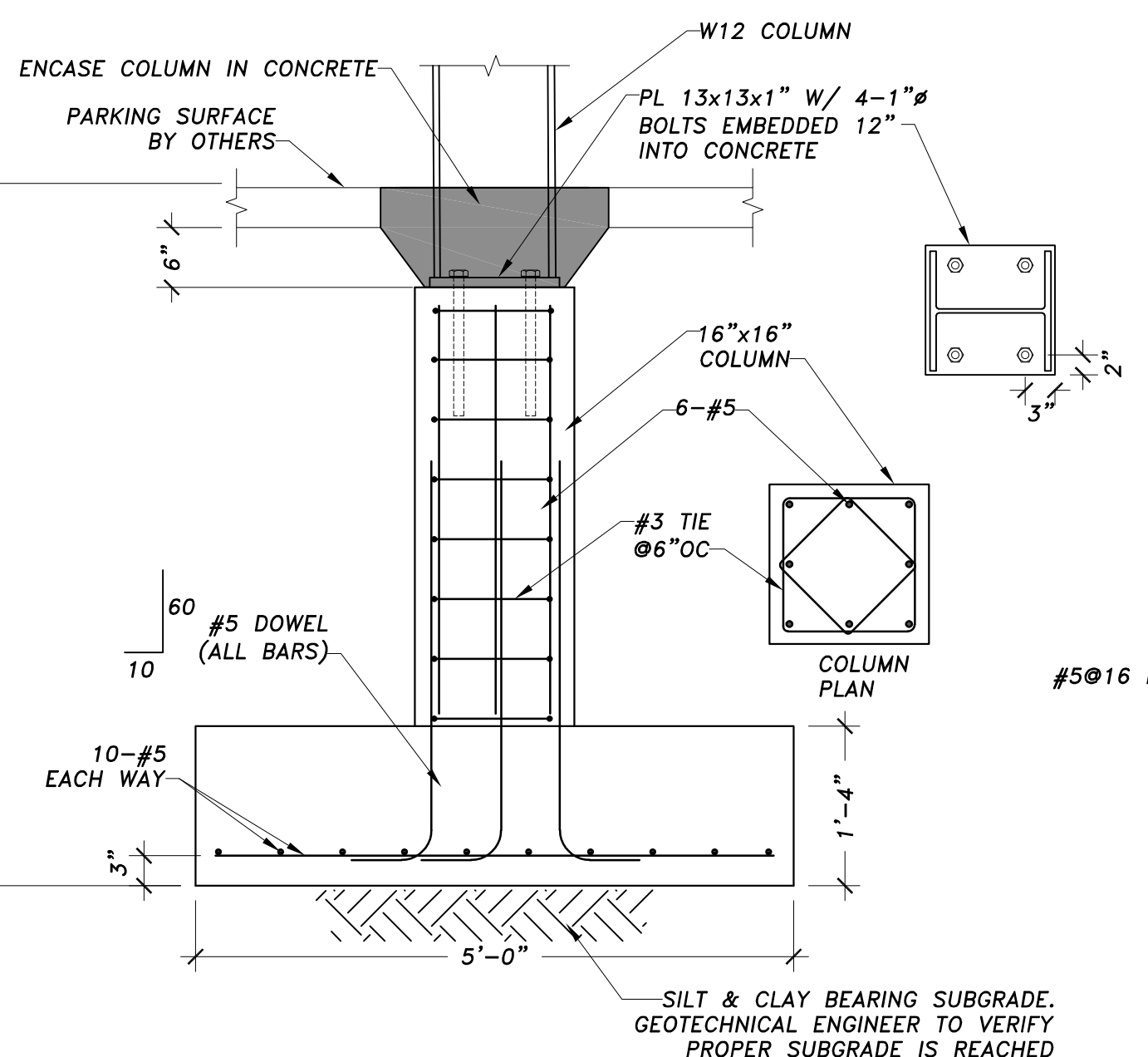
5 TYPICAL PERIMETER SECTION  
Scale: 3/4" = 1'-0"



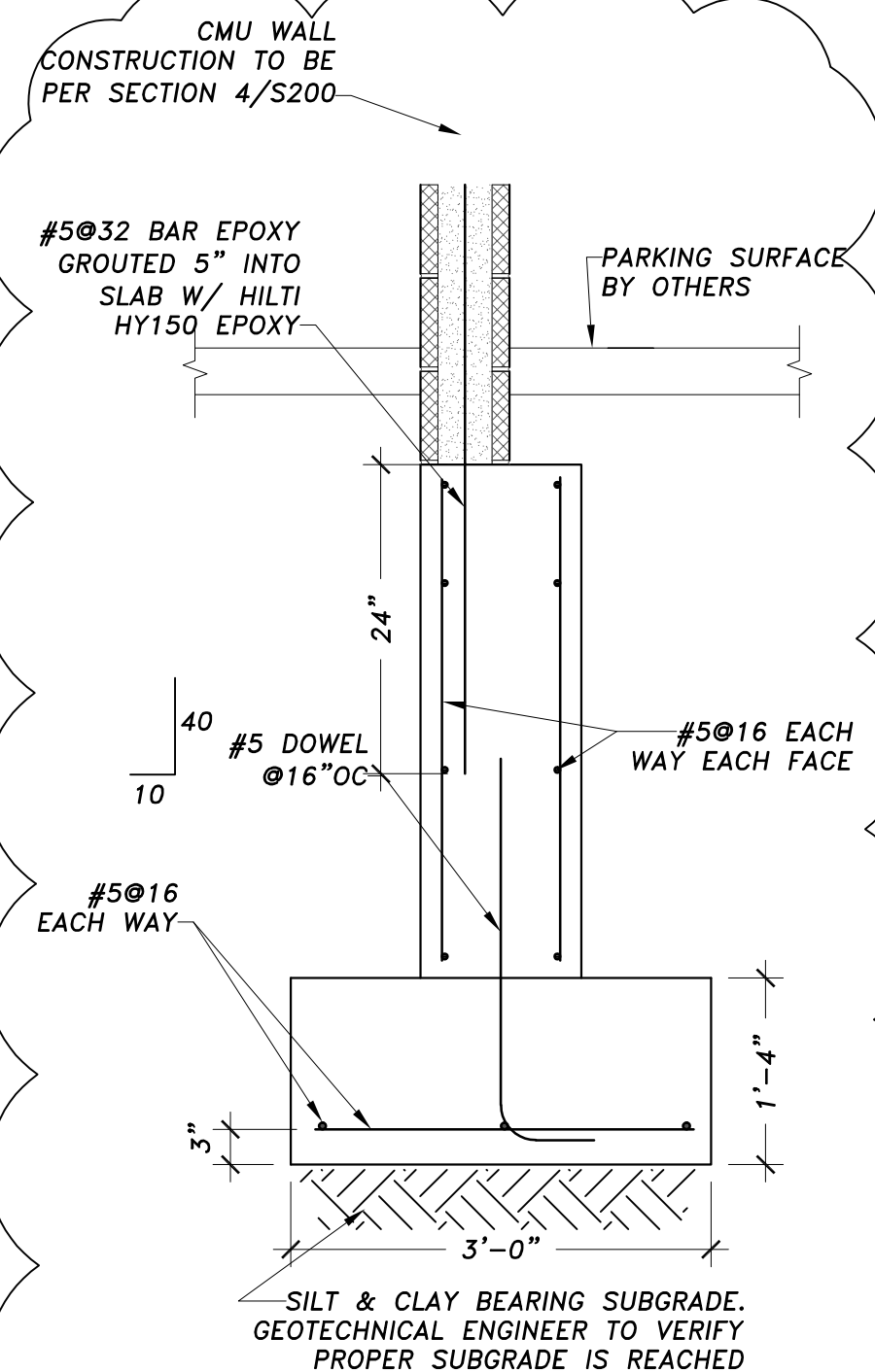
9 CMU WALL SECTION  
Scale: 3/4" = 1'-0"



1 ELEVATOR SECTION  
Scale: 3/4" = 1'-0"



2 FOUND. @ COLUMN LOCATION  
Scale: 3/4" = 1'-0"

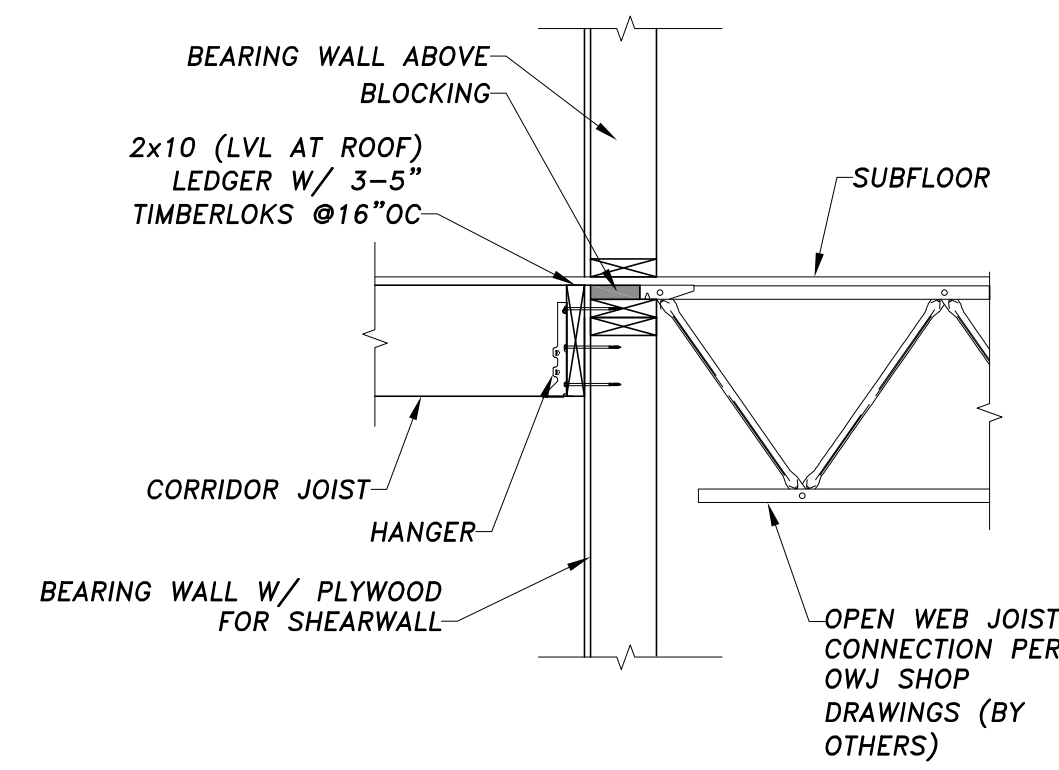


10 CMU WALL SECTION  
Scale: 3/4" = 1'-0"

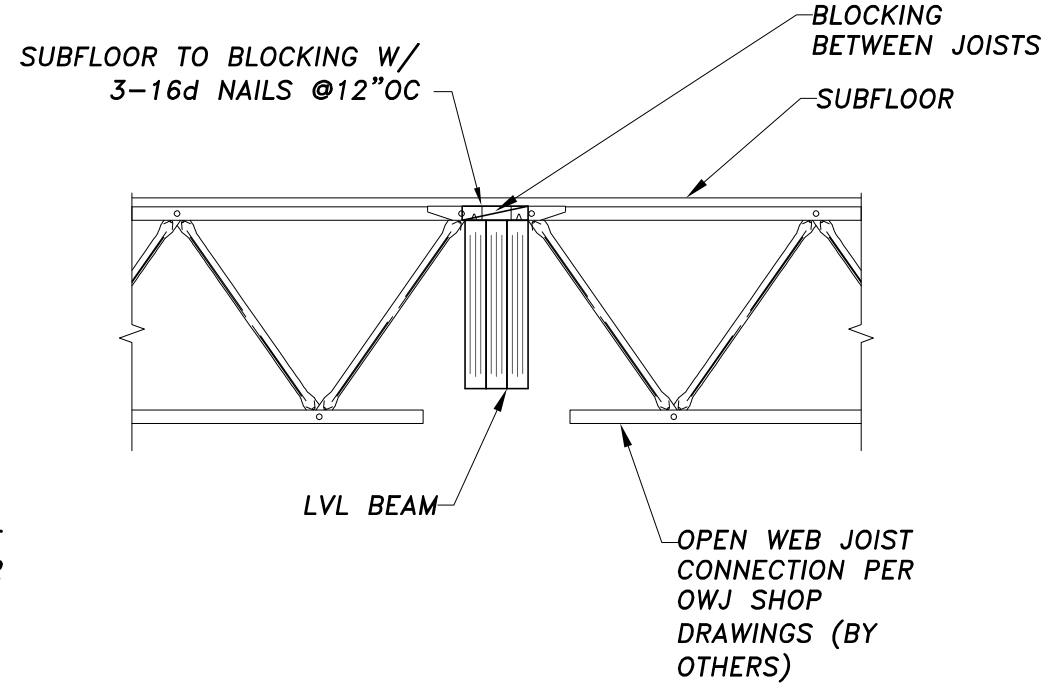
LEGEND

BW = BEARING WALL	FVP = FLAT VALLEY PLATE
(E) = EXISTING	(N) = NEW
TBR = TO BE REMOVED	POST LOCATION (POST UP, ABOVE LINE) (POST DOWN, BELOW LINE)
DIM. LUMBER POST NUMBER OF STUDS	
P3-26 - SIZE OF STUD	
TYPE OF POST: P-POST, J-JACK,	
ENGINEERED POST LC 3 1/2" - SIZE	
TYPE OF POST: VC-VERSA COLUMN, LC-LALLY COLUMN, HSS-TUBE STEEL	

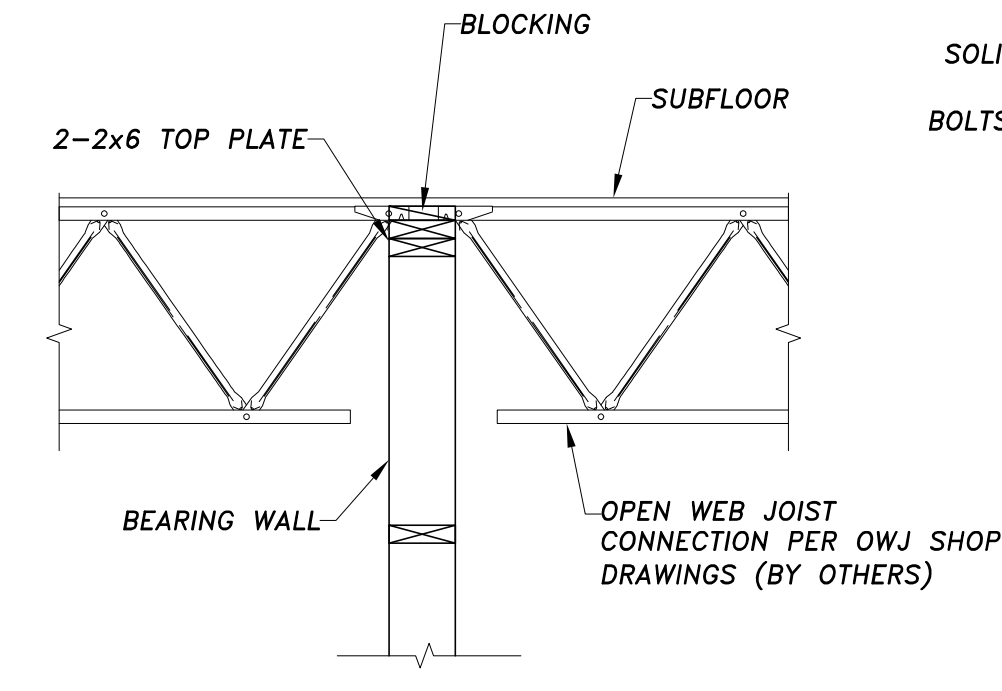




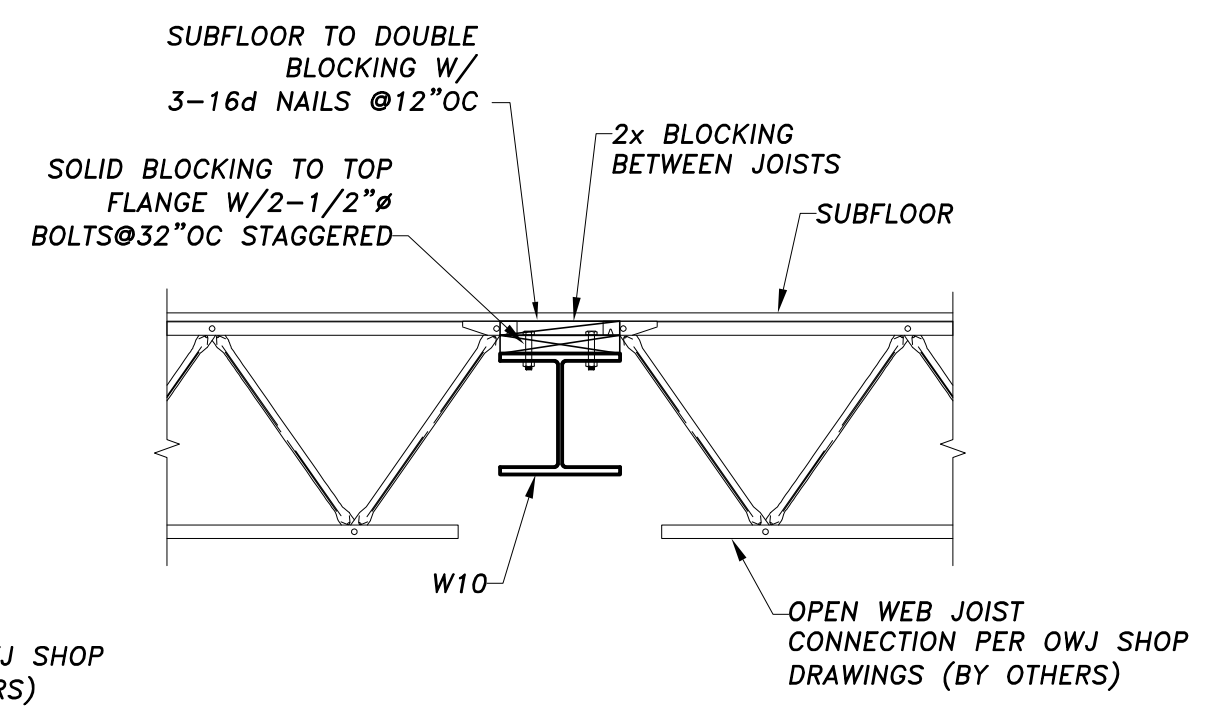
1 SECTION AT COORIDOR  
Scale: 3/4" = 1'-0"



2 SECTION AT LVL BEAM  
Scale: 3/4" = 1'-0"

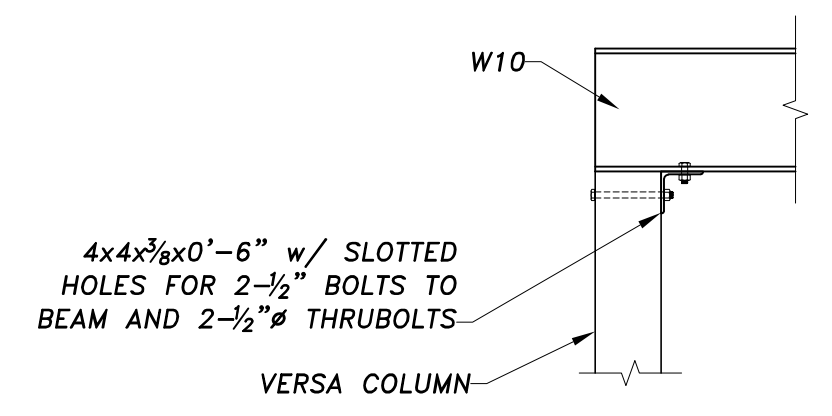


3 SECTION AT BEARING WALL  
Scale: 3/4" = 1'-0"

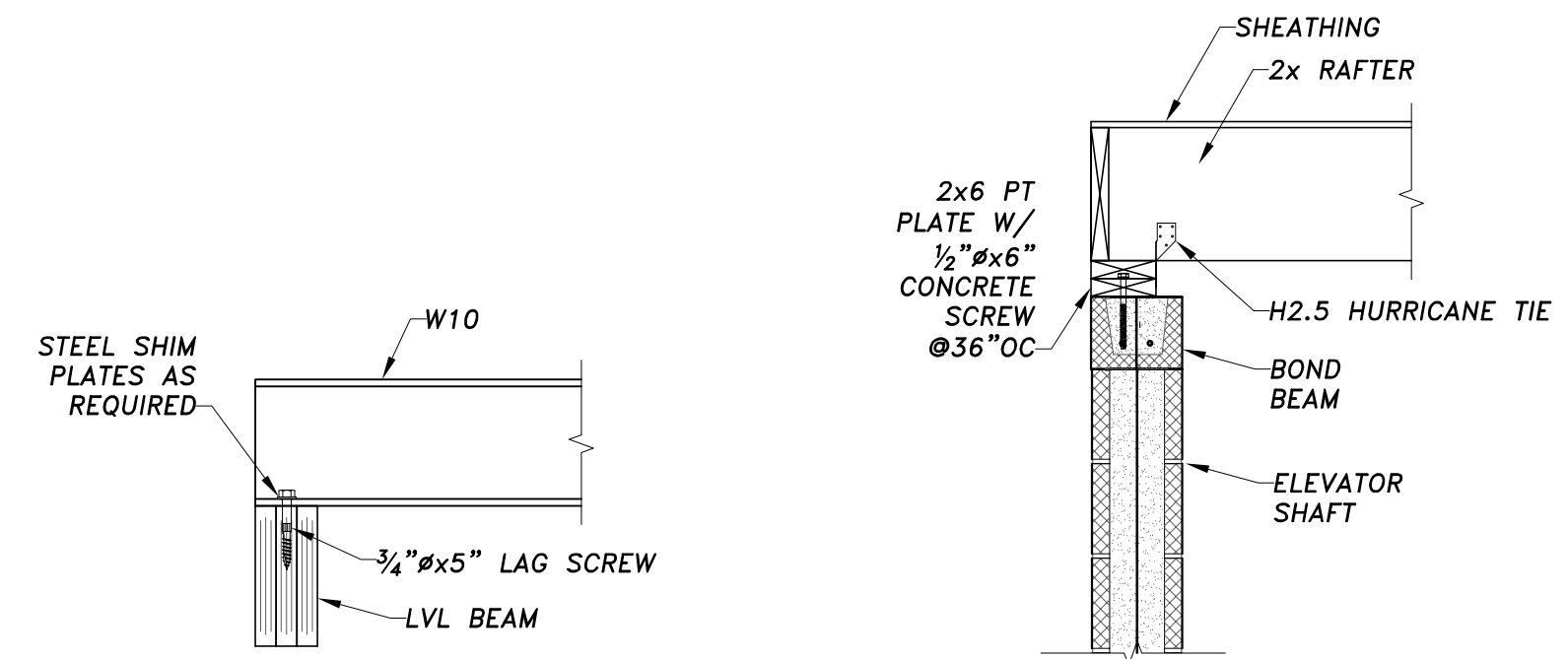


4 SECTION AT STEEL BEAM  
Scale: 3/4" = 1'-0"

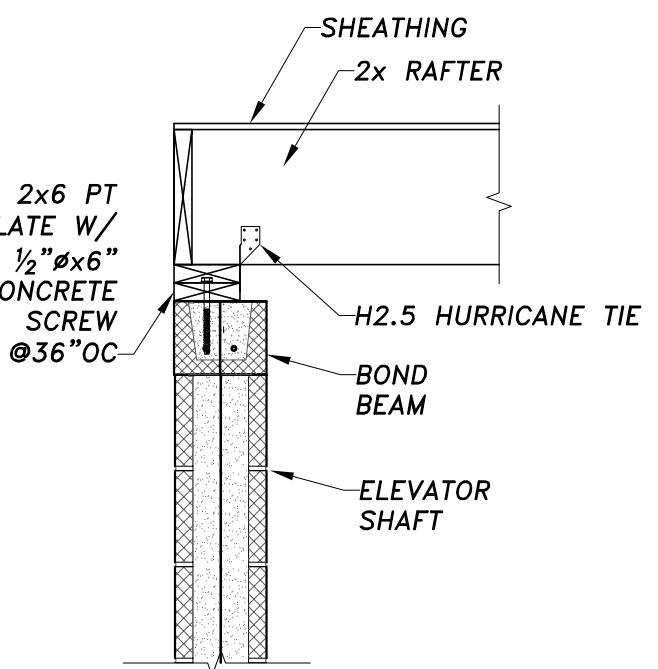
NOTE:  
ALL OPEN WEB DETAILS ARE SCHEMATIC. ALL  
DETAILS TO BE CONFIRMED WITH SHOP DRAWINGS.



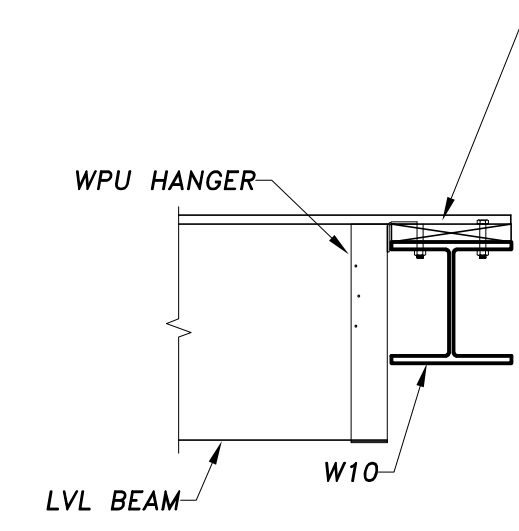
5 VERSACOLUMN TO BEAM  
Scale: 3/4" = 1'-0"



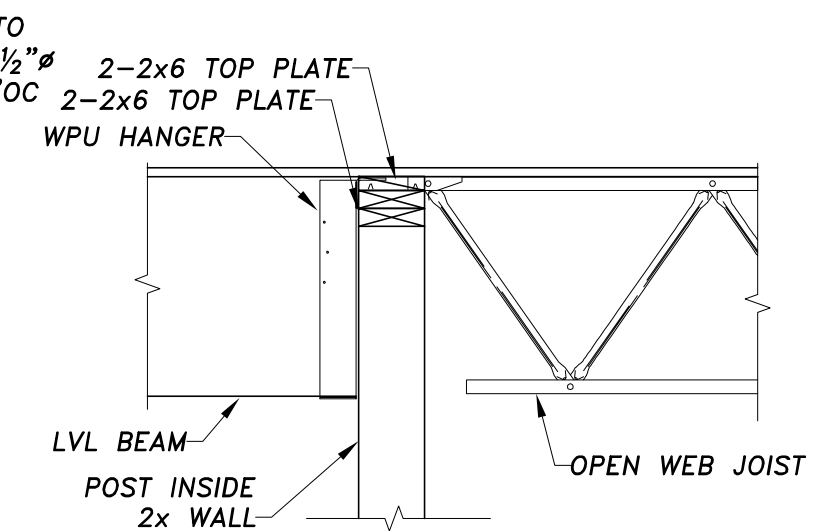
6 STEEL BEAM TO LVL BEAM  
Scale: 3/4" = 1'-0"



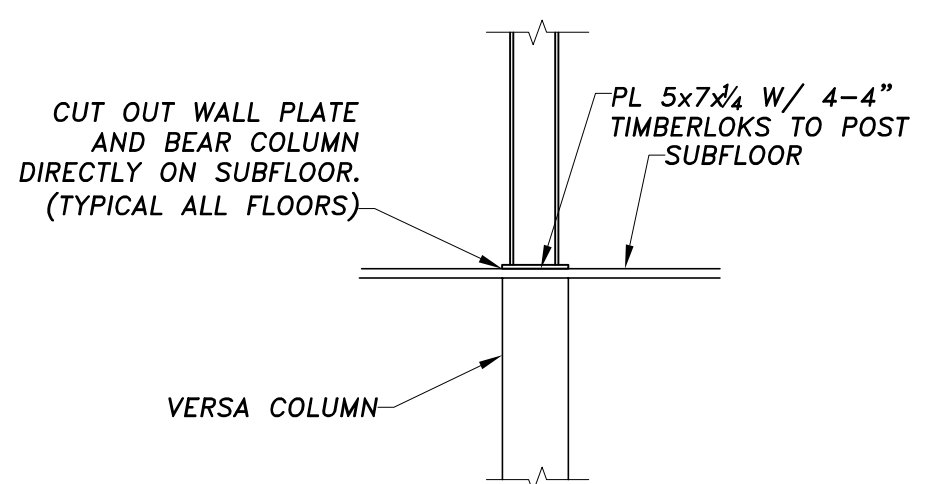
7 ROOF AT ELEVATOR  
Scale: 3/4" = 1'-0"



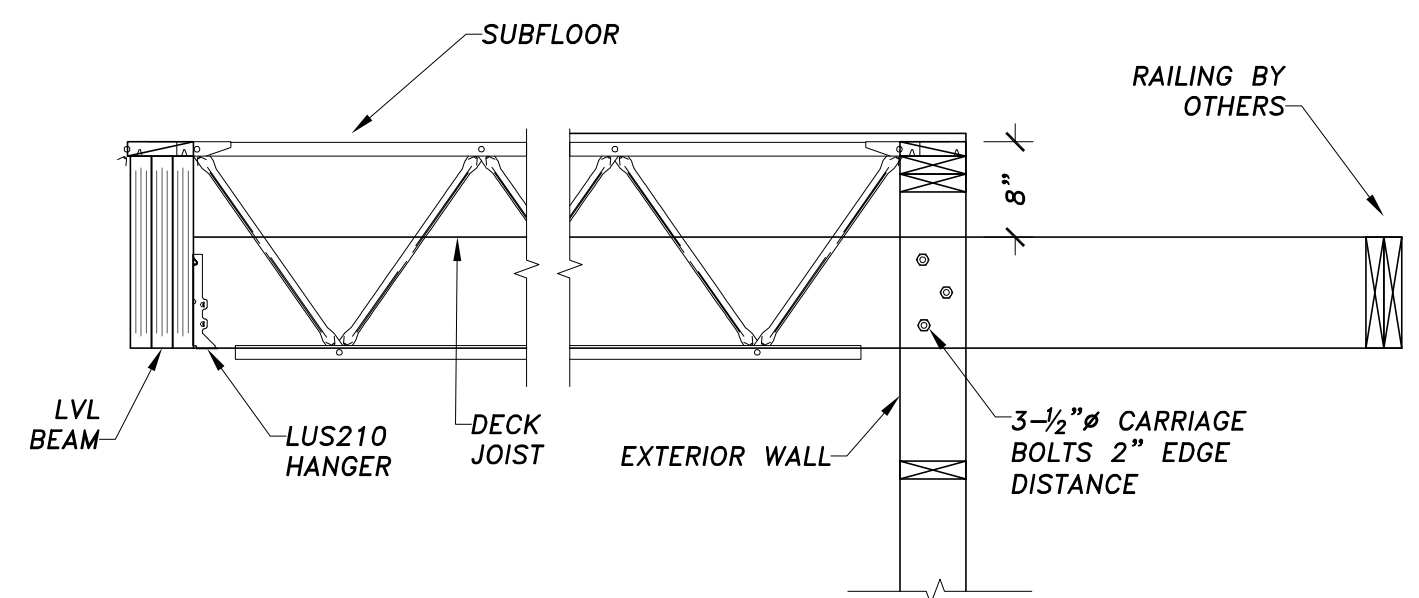
8 LVL TO STEEL  
Scale: 3/4" = 1'-0"



9 LVL TO BEARING WALL  
Scale: 3/4" = 1'-0"



10 VERSACOLUMN TO BEAM  
Scale: 3/4" = 1'-0"



11 BALCONY SECTION  
Scale: 3/4" = 1'-0"

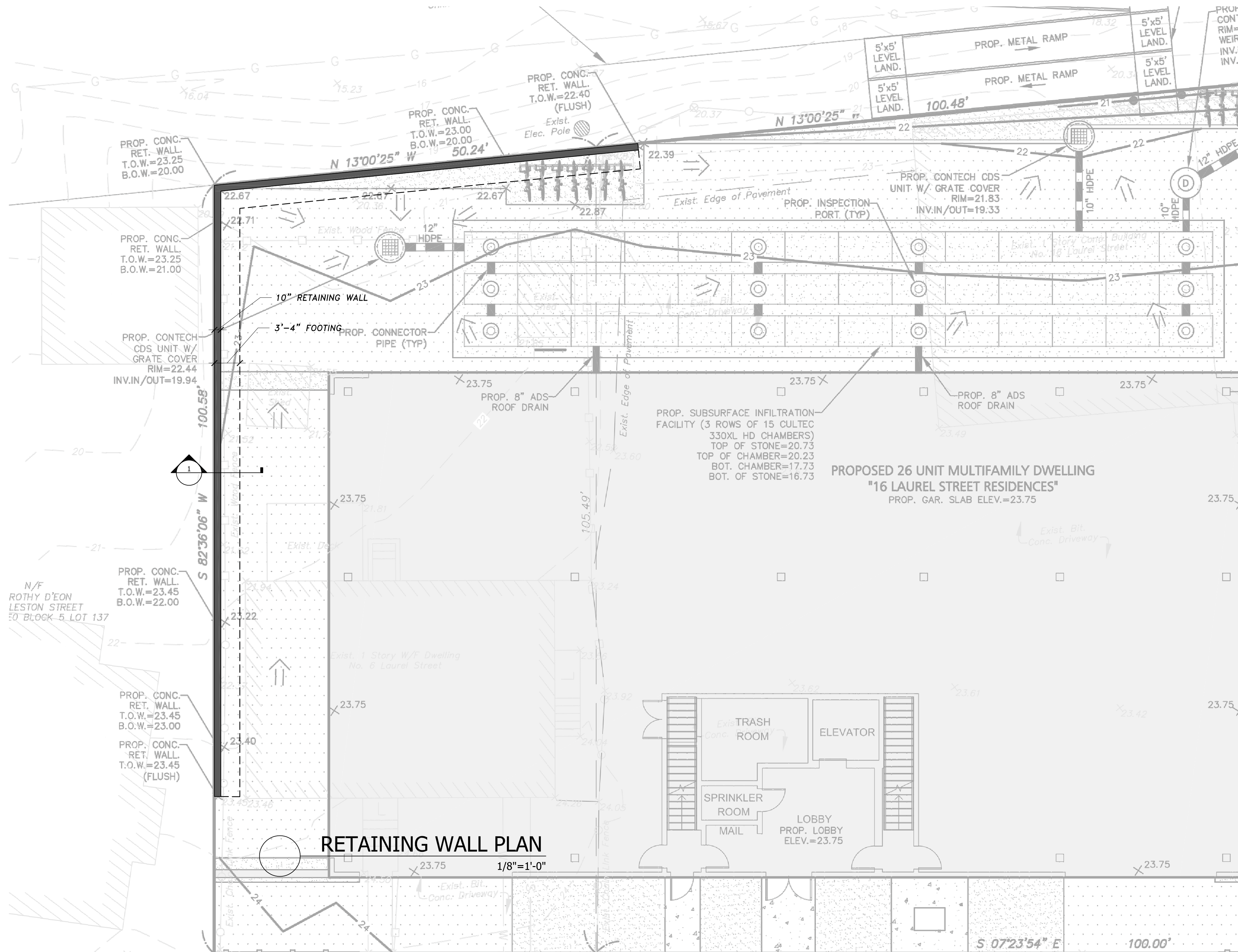
**LEGEND**

BW = BEARING WALL  
FVP = FLAT VALLEY PLATE  
(E) = EXISTING  
(N) = NEW  
TBR = TO BE REMOVED

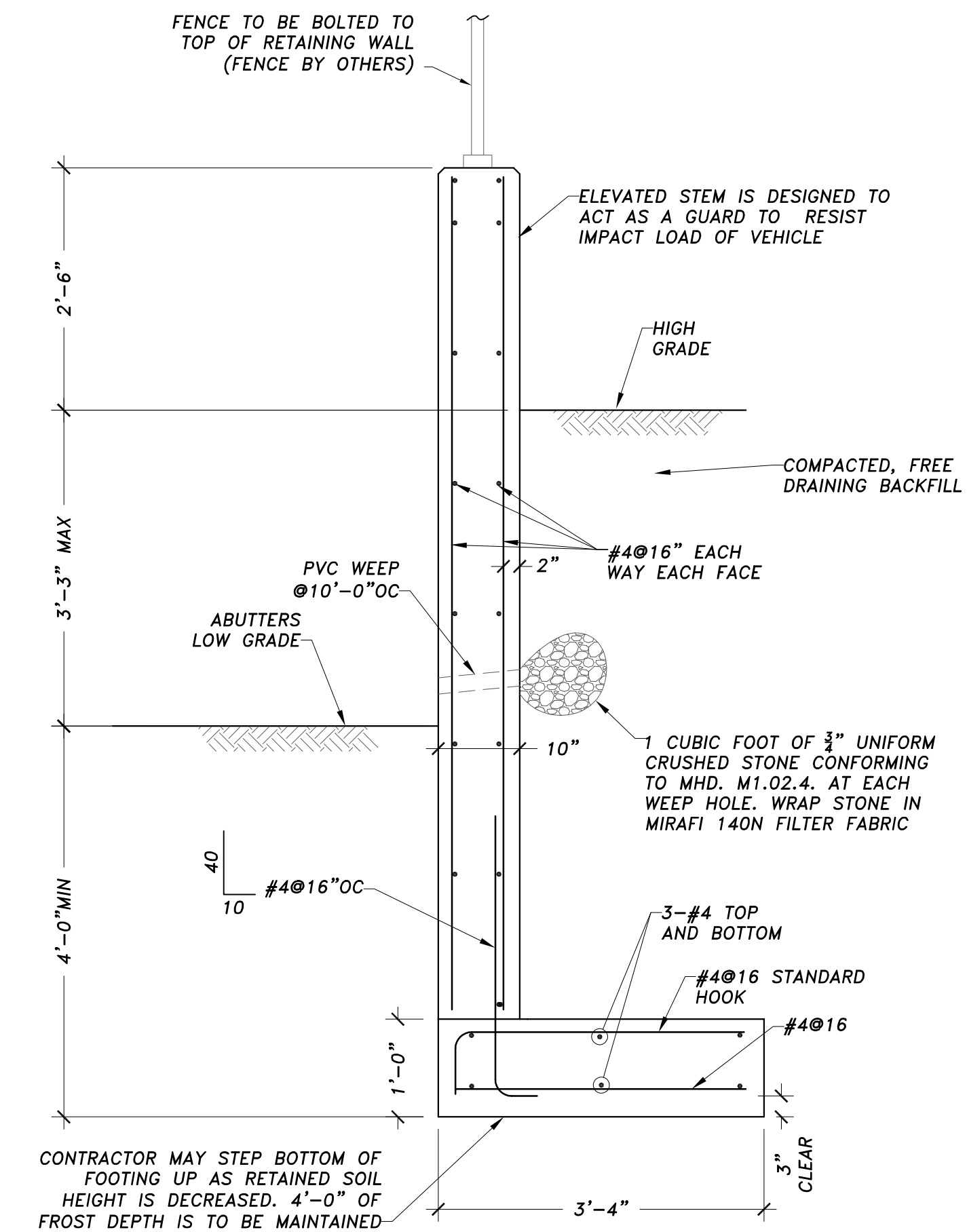
POST LOCATION  
POST UP (ABOVE LINE)  
POST DOWN (BELOW LINE)

DIM. LUMBER POST  
NUMBER OF STUDS  
P3-26 ~ SIZE OF STUD  
TYPE OF POST:  
P-POST, J-JACK,

ENGINEERED POST  
LC 3 1/2" ~ SIZE  
TYPE OF POST:  
VC-VERSA COLUMN,  
LC-LALLY COLUMN,  
HSS-TUBE STEEL



**RETAINING WALL PLAN**  
1/8"=1'-0"



CONTRACTOR MAY STEP BOTTOM OF FOOTING UP AS RETAINED SOIL HEIGHT IS DECREASED. 4'-0" OF FROST DEPTH IS TO BE MAINTAINED

**1 RETAINING WALL SECTION**  
3/4"=1'-0"