

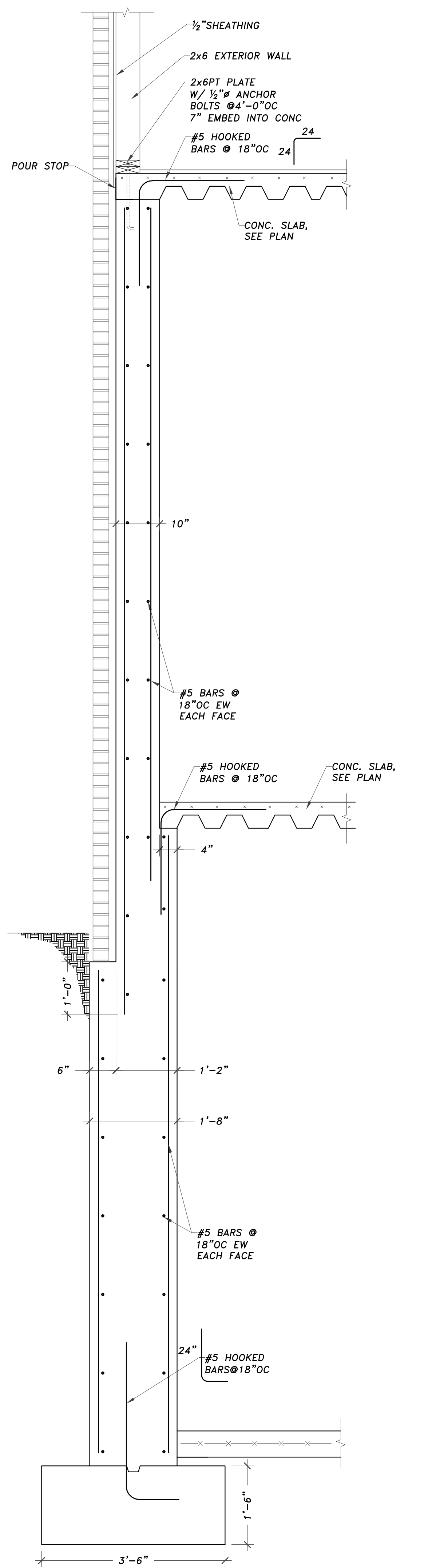
FOUNDATION  
1/4"=1'-0"

| FOOTING SCHEDULE |                         |                   |
|------------------|-------------------------|-------------------|
| FOOTING ID TAG   | FOOTING SIZE            | REINFORCING       |
| F4               | 4'-0"x4'-0"x12" THICK   | (5) #5 E.W. BOT.  |
| F7               | 7'-0"x7'-0"x18" THICK   | (8) #6 E.W. BOT.  |
| F8               | 8'-0"x8'-0"x24" THICK   | (8) #7 E.W. BOT.  |
| F10              | 10'-0"x10'-0"x30" THICK | (12) #7 E.W. BOT. |
| F12              | 12'-0"x12'-0"x36" THICK | (14) #7 E.W. BOT. |

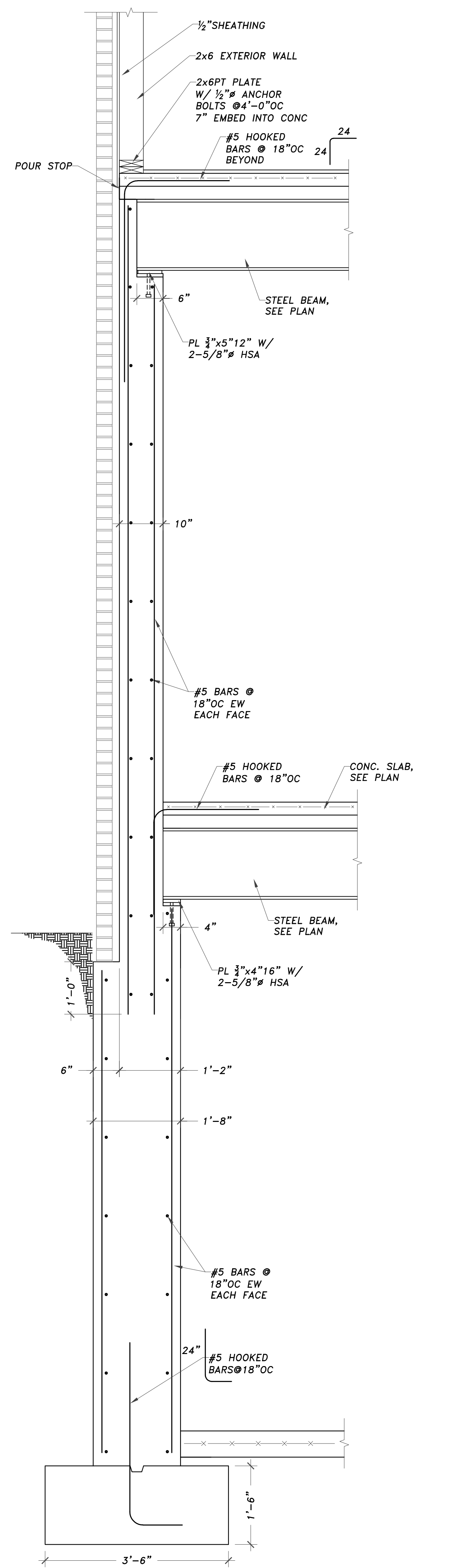
ALL DIMENSIONS, ELEVATIONS, SHELVES, BEAM POCKETS, CUT-OUTS, UNDERGROUND UTILITIES, PIERS, FOOTINGS, SLABS, AND ALL OTHER ITEMS SHALL BE FULLY COORDINATED WITH CIVIL, GEOTECHNICAL, MECHANICAL, ARCHITECTURAL AND ALL OTHER TRADES' DRAWINGS PRIOR TO CONSTRUCTION.

- COLUMN SCHEDULE**
- C1 = HSS5x5x $\frac{3}{8}$
  - C2 = HSS5x5x $\frac{3}{8}$
  - C3 = W10x54
  - C4 = W12x58
  - C5 = W12x72
  - C6 = W12x96

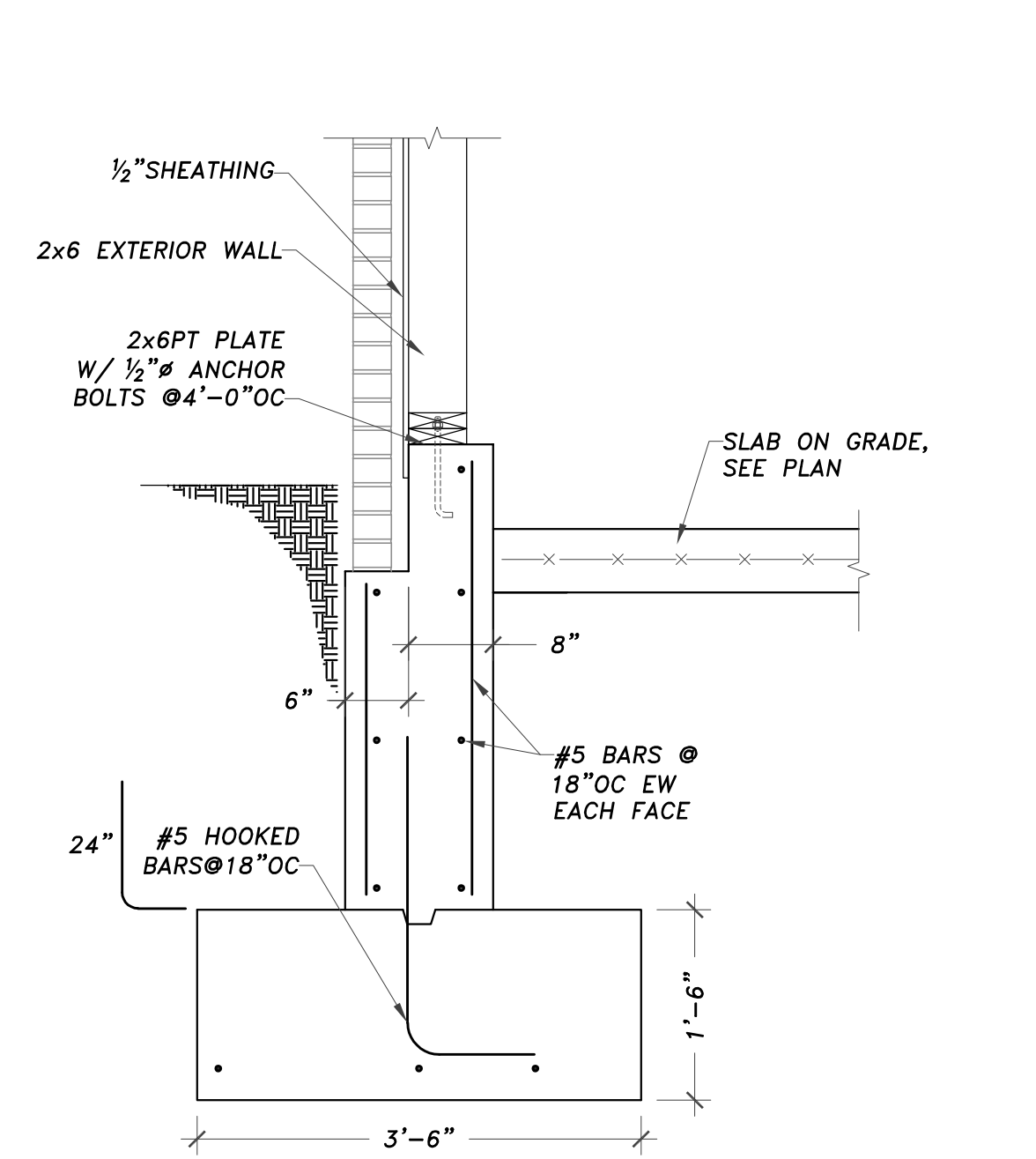
- BASE PLATE SCHEDULE**
- BP1 =  $\frac{3}{4}$ "x6"x12"
  - BP2 =  $\frac{3}{4}$ "x12"x12"
  - BP3 =  $1\frac{1}{2}$ "x16"x16"
  - BP4 =  $1\frac{1}{2}$ "x18"x18"
  - BP5 = 2"x24"x24"



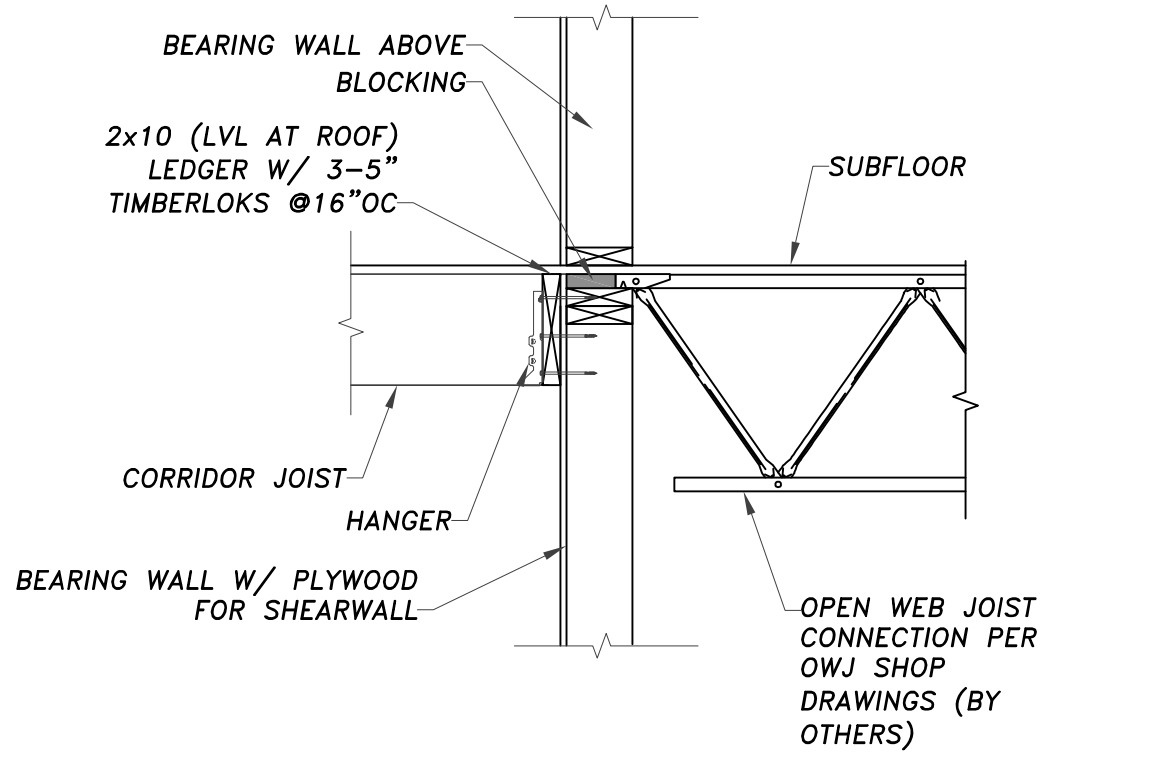
1 SECTION THROUGH FOUNDATION (PARALEL) Scale: 3/4" = 1'-0"



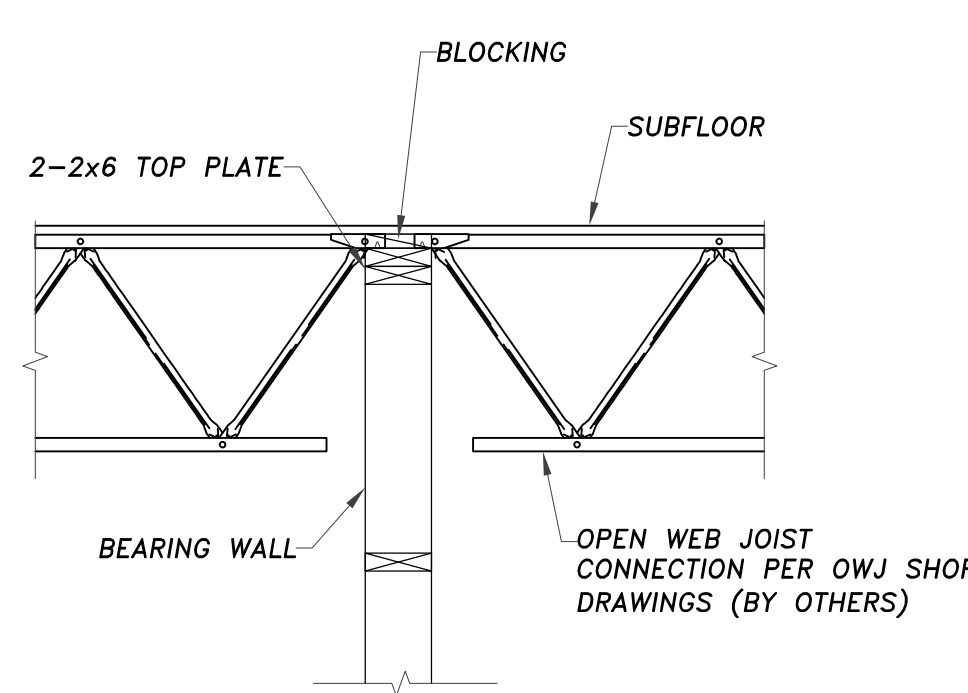
2 SECTION THROUGH FOUNDATION (PERP) Scale: 3/4" = 1'-0"



3 SECTION THROUGH SLAB ON GRADE Scale: 3/4" = 1'-0"

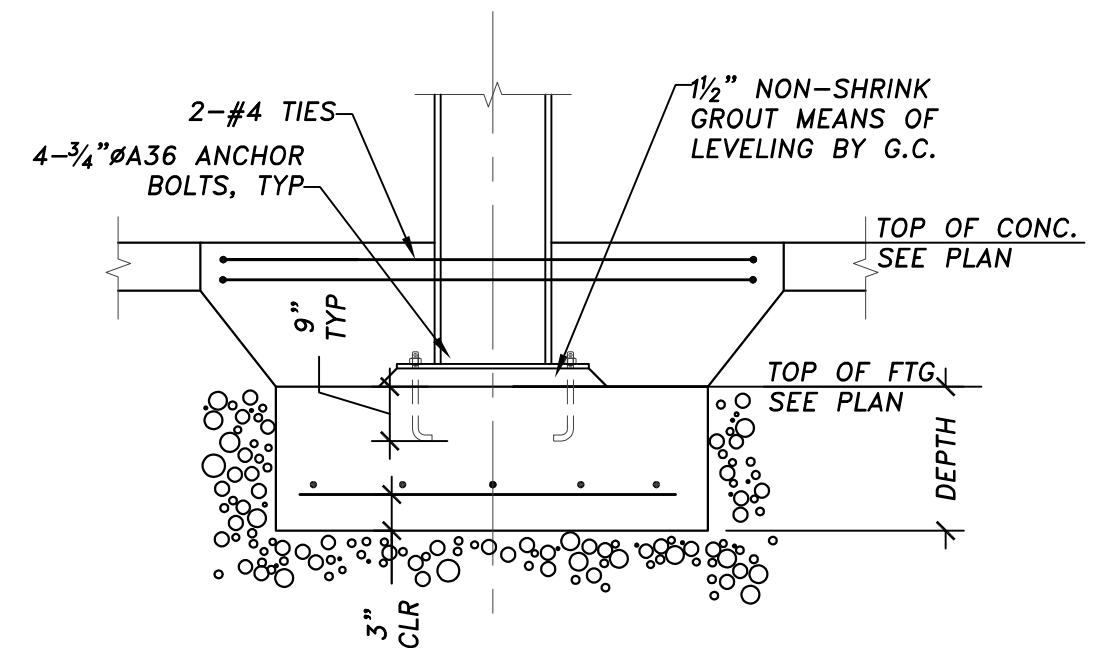


4 SECTION AT COORIDOR Scale: 3/4" = 1'-0"

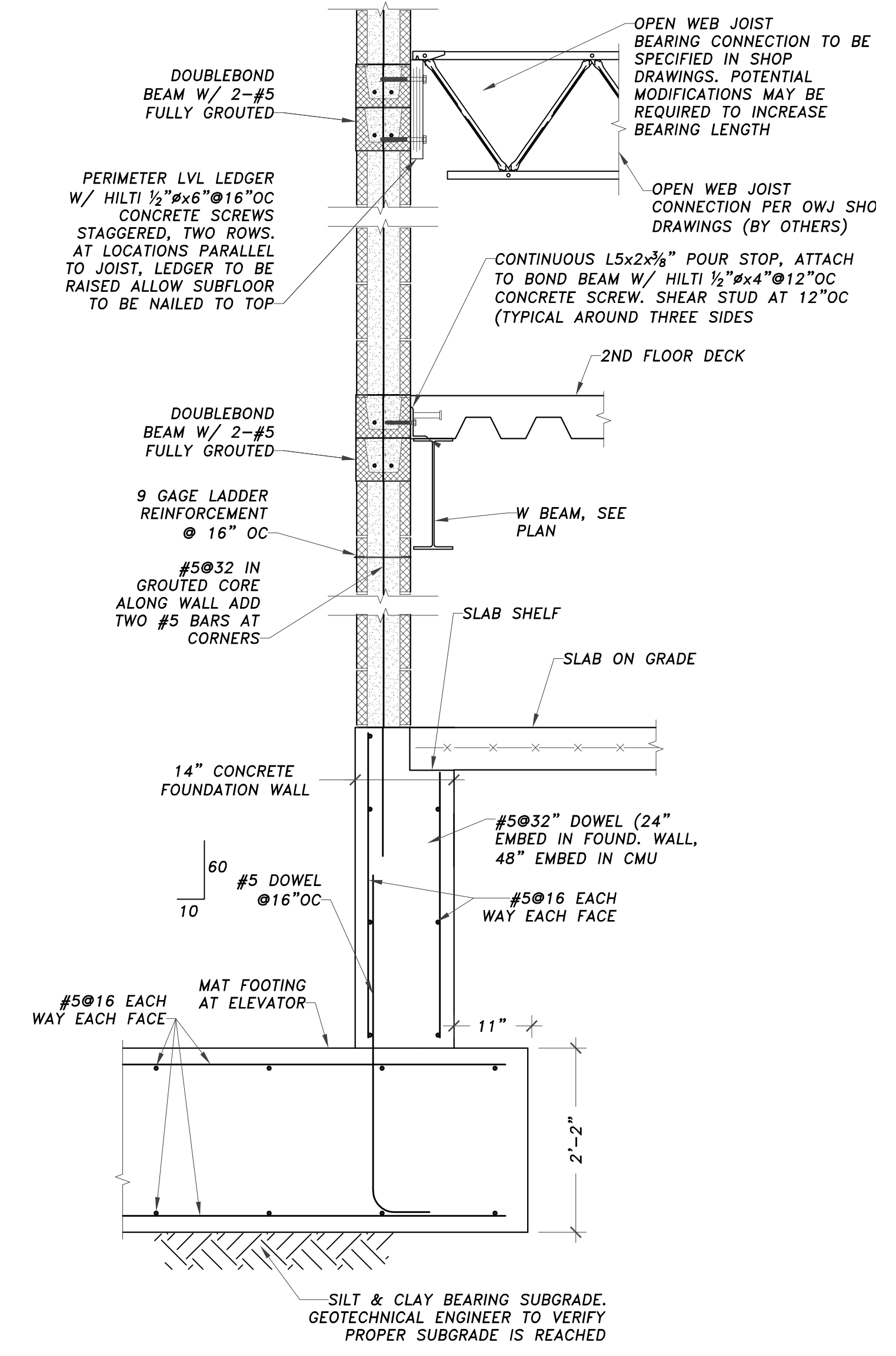


5 SECTION AT BEARING WALL Scale: 3/4" = 1'-0"

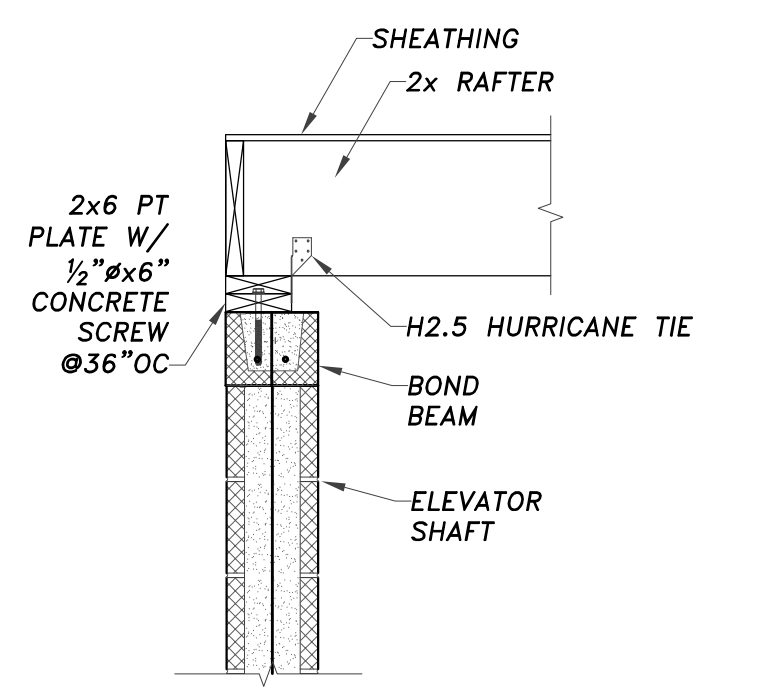
NOTE: ALL OPEN WEB DETAILS ARE SCHEMATIC. ALL DETAILS TO BE CONFIRMED WITH SHOP DRAWINGS.



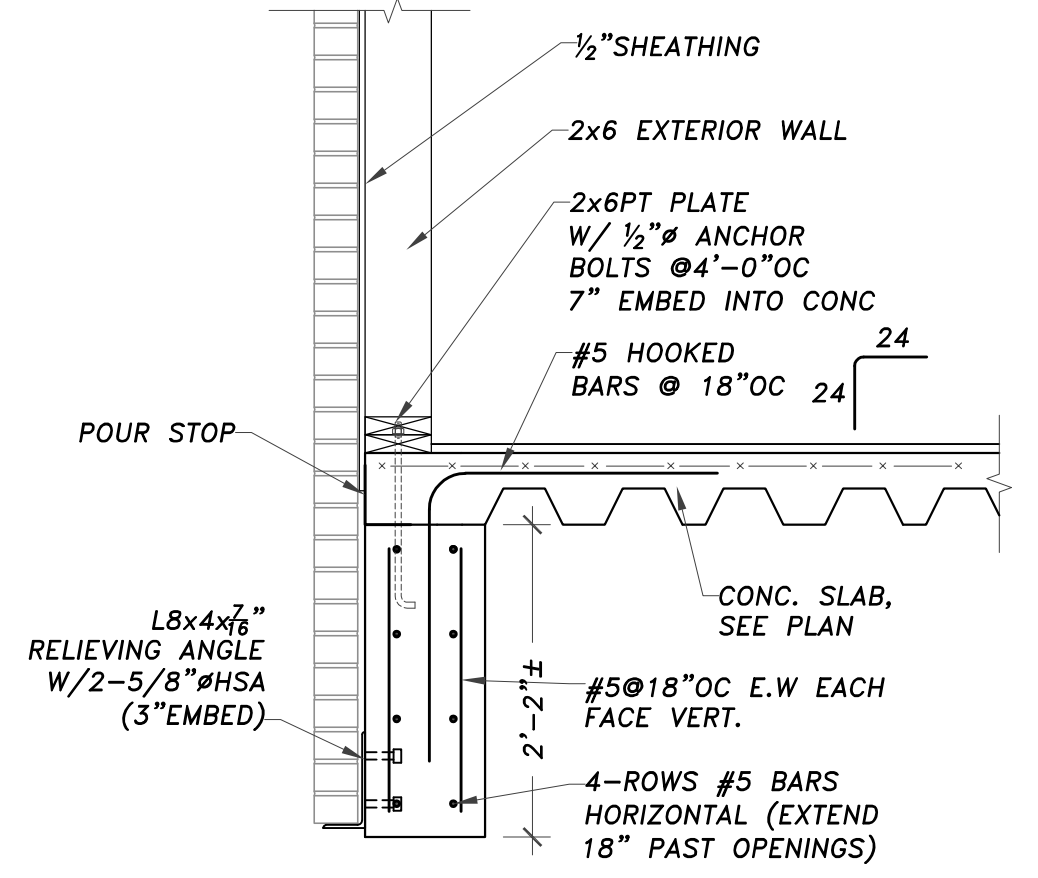
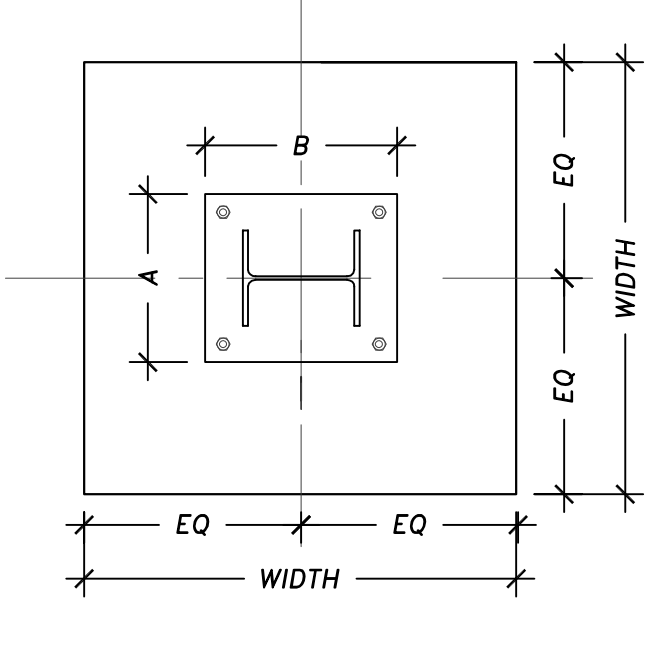
6 TYPICAL FOOTING DETAILS Scale: 3/4" = 1'-0"



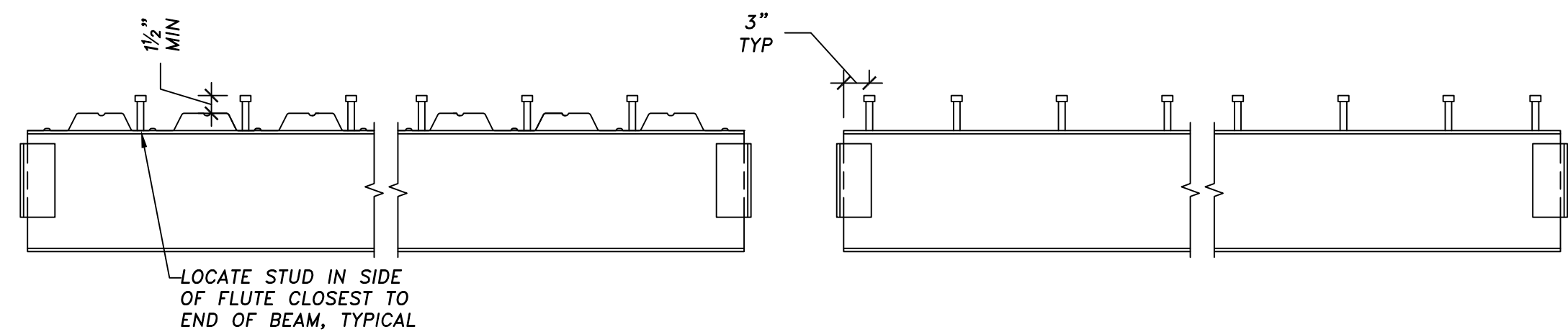
7 ELEVATOR SECTION Scale: 3/4" = 1'-0"



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



9 TYPICAL CONC. HEADER Scale: 3/4" = 1'-0"

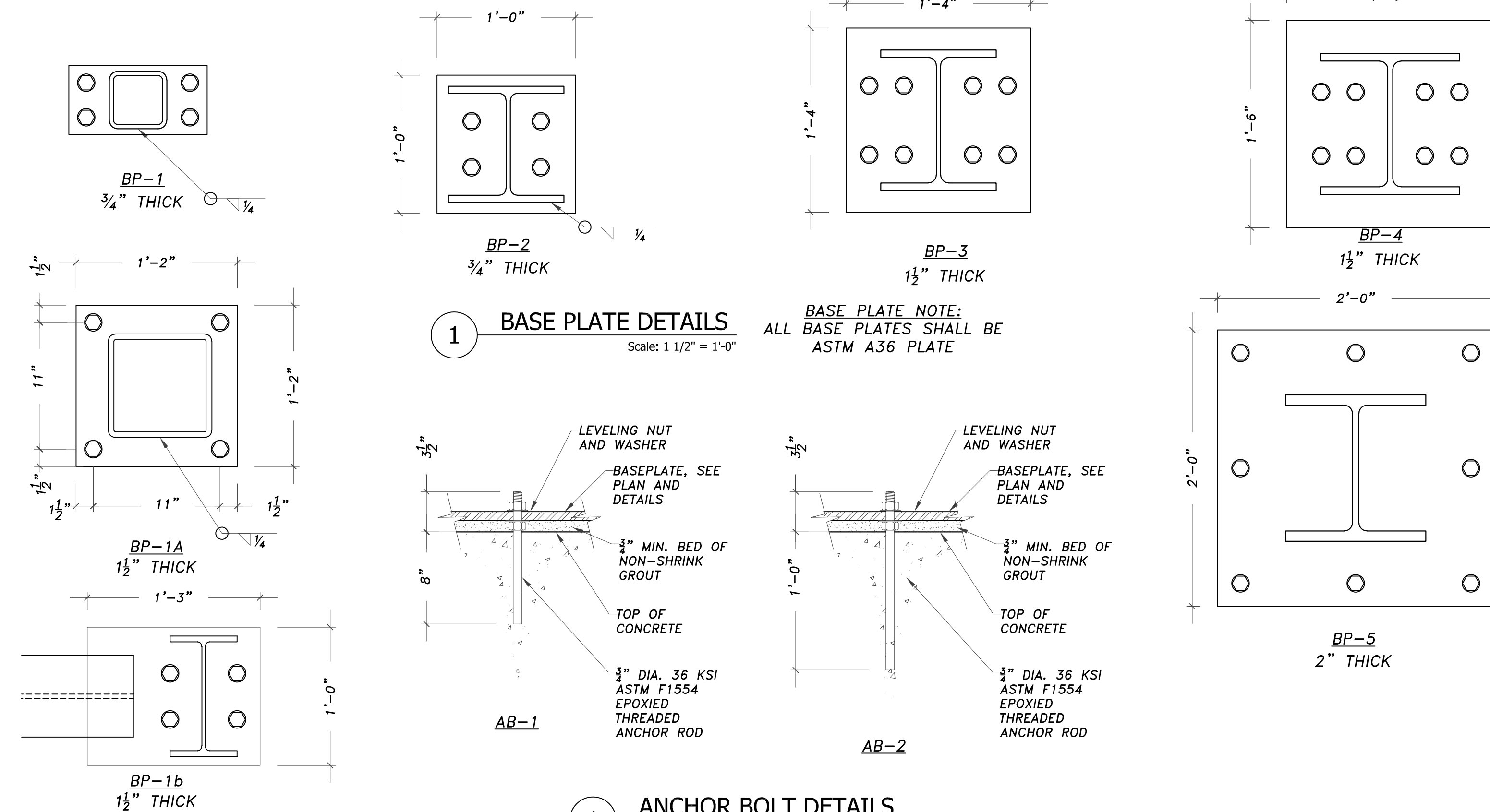


- SIMPLE BEAM**
1. PLACE STUDS EVENLY DISTRIBUTED ALONG LENGTH OF THE BEAM AT 2'-0" OC
  2. PLACE ADDITIONAL STUDS AT 1'-0" OC FROM EACH END OF THE BEAM. USE TANDEM OR TRIPLE ROWS AS REQ'D
  3. TOTAL NUMBER OF STUDS SHALL NOT BE LESS THAN SHOWN ON PLAN

- GIRDER**
1. PLACE STUDS EVENLY DISTRIBUTED ALONG LENGTH OF THE BEAM AT 1'-0" OC, STARTING 3" FROM EACH END OF BEAM
  2. PLACE ADDITIONAL STUDS AT 6" OC FROM EACH END OF THE BEAM. USE TANDEM OR TRIPLE ROWS AS REQ'D
  3. TOTAL NUMBER OF STUDS SHALL NOT BE LESS THAN SHOWN ON PLAN

**1 SHEAR STUD PLACEMENT TYPICAL DETAILS**

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



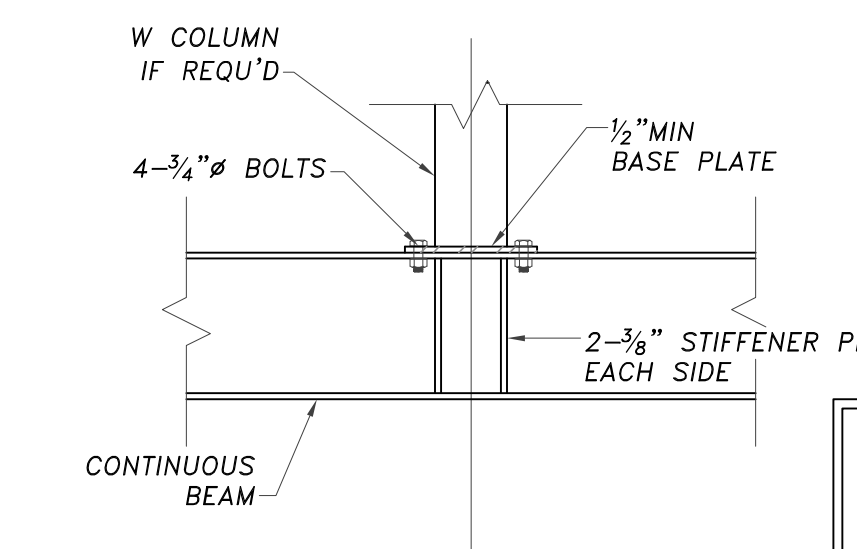
**1 BASE PLATE DETAILS**

Scale: 1 1/2" = 1'-0"

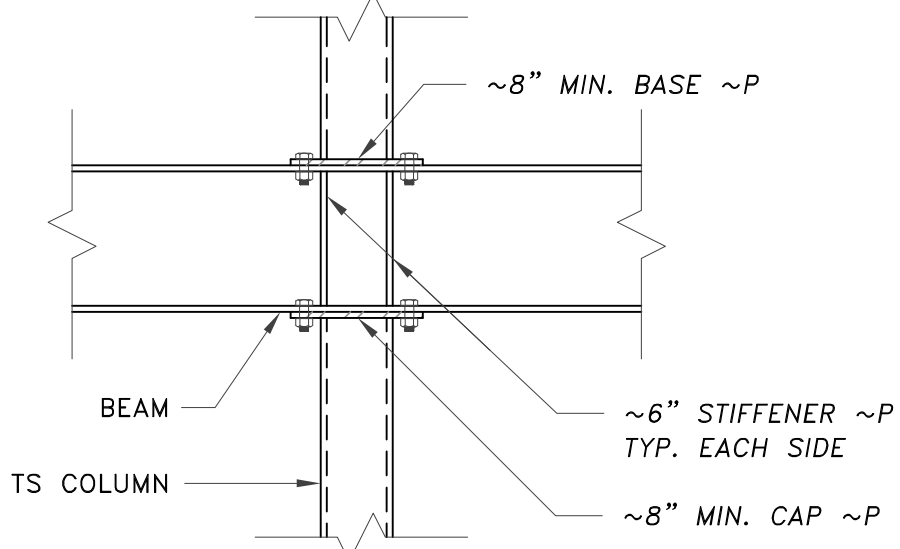
**BASE PLATE NOTE:**  
ALL BASE PLATES SHALL BE ASTM A36 PLATE

**1 ANCHOR BOLT DETAILS**

Scale: 1 1/2" = 1'-0"



ALL STEEL CONNECTIONS TO BE PROVIDED BY STEEL FABRICATOR. DAVIDSON ENGINEERING WILL PROVIDE DESIGN LOADS



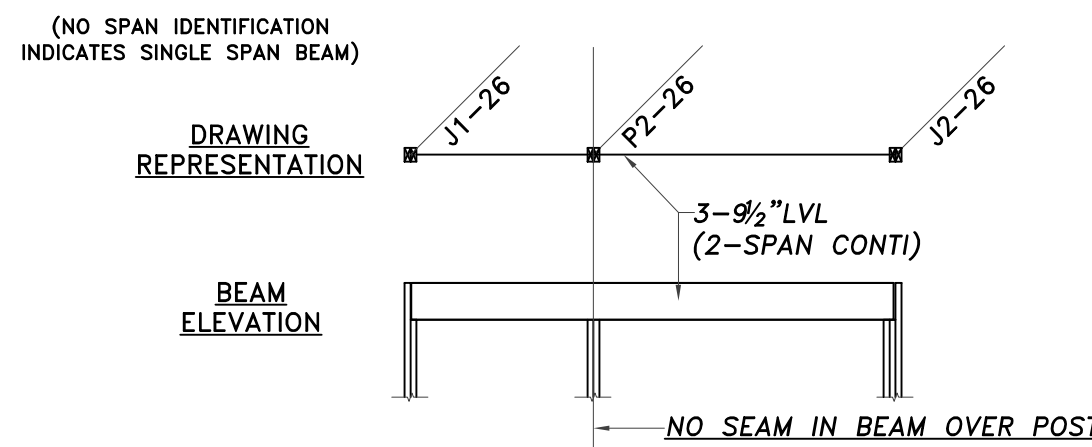
**2 TYP. COLUMN TO CONT. BEAM**

NTS

**3 TYP. BEAM TO COLUMN CONNECTIONS**

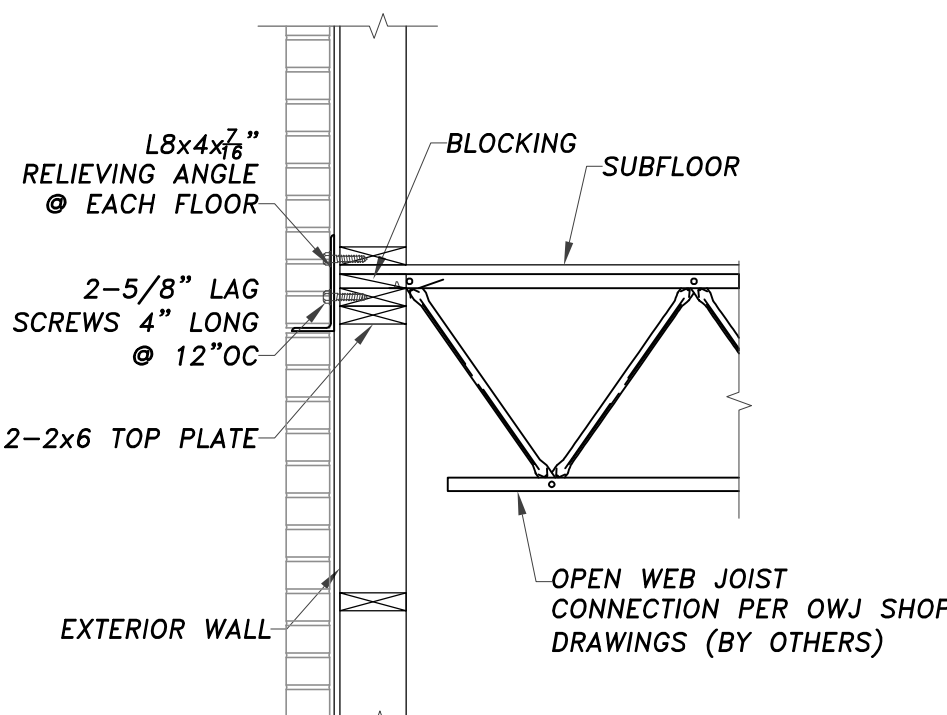
NTS

**BEAMS IDENTIFIED AS [(MULTI)-SPAN] CONTINUOUS**  
EXAMPLE: (2-SPAN), (3-SPAN), ETC.



**4 MULTIPLE SPAN BEAM LEGEND**

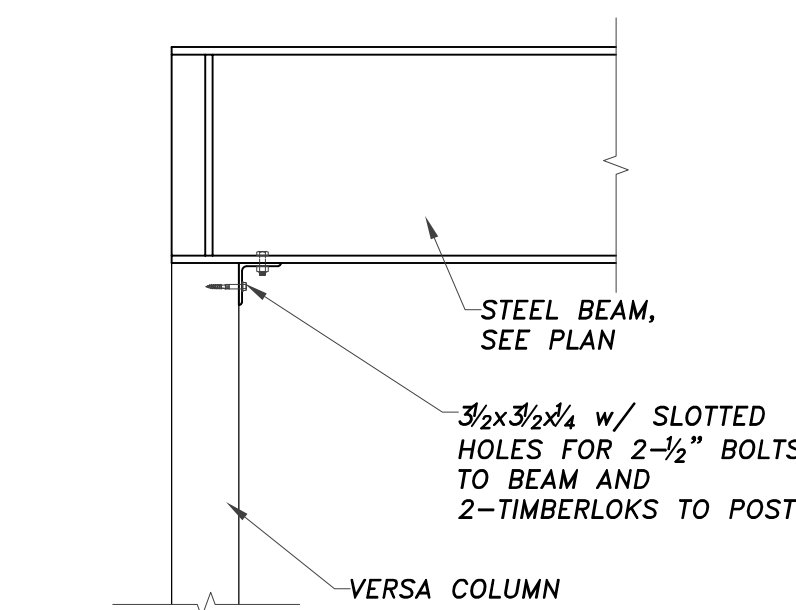
NTS



**5 SECTION THROUGH RELIEVING ANGLE**

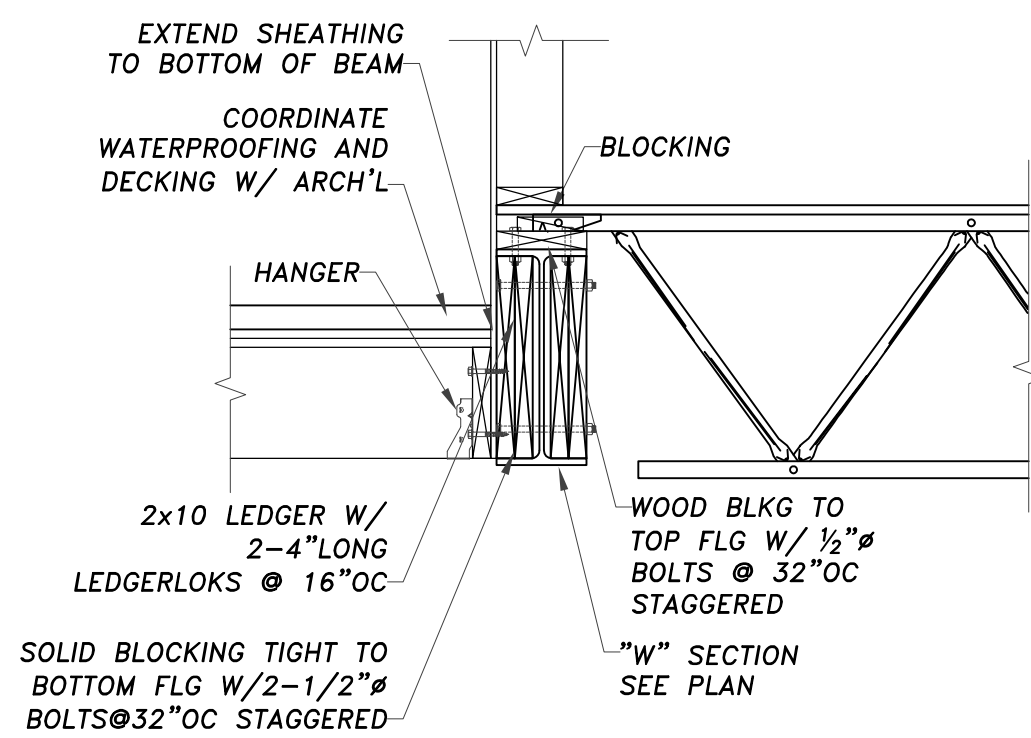
Scale: 3/4" = 1'-0"

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



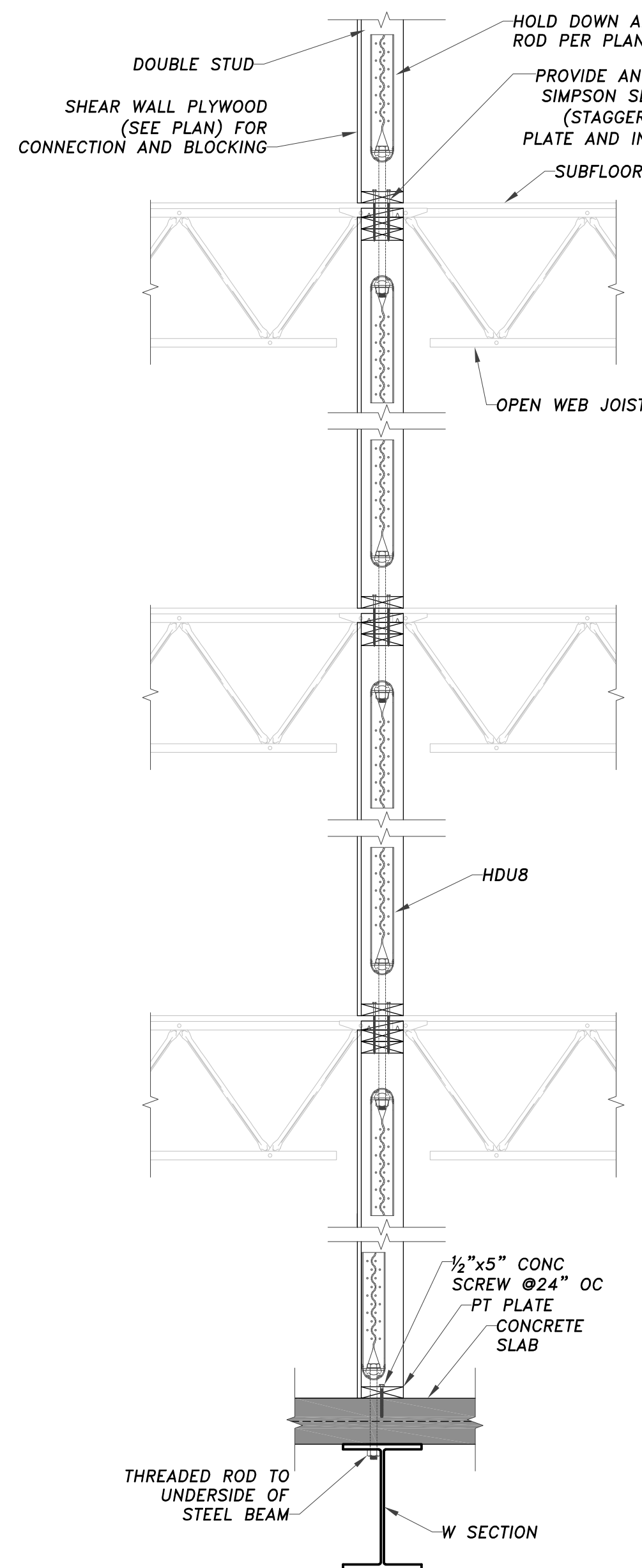
**6 TYP. BEAM TO COLUMN DETAIL**

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



**7 SECTION THROUGH DECK**

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



**8 TYPICAL INTERIOR SHEAR WALL**

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



**FIRST FLOOR FRAMING**

3/32"=1'-0"

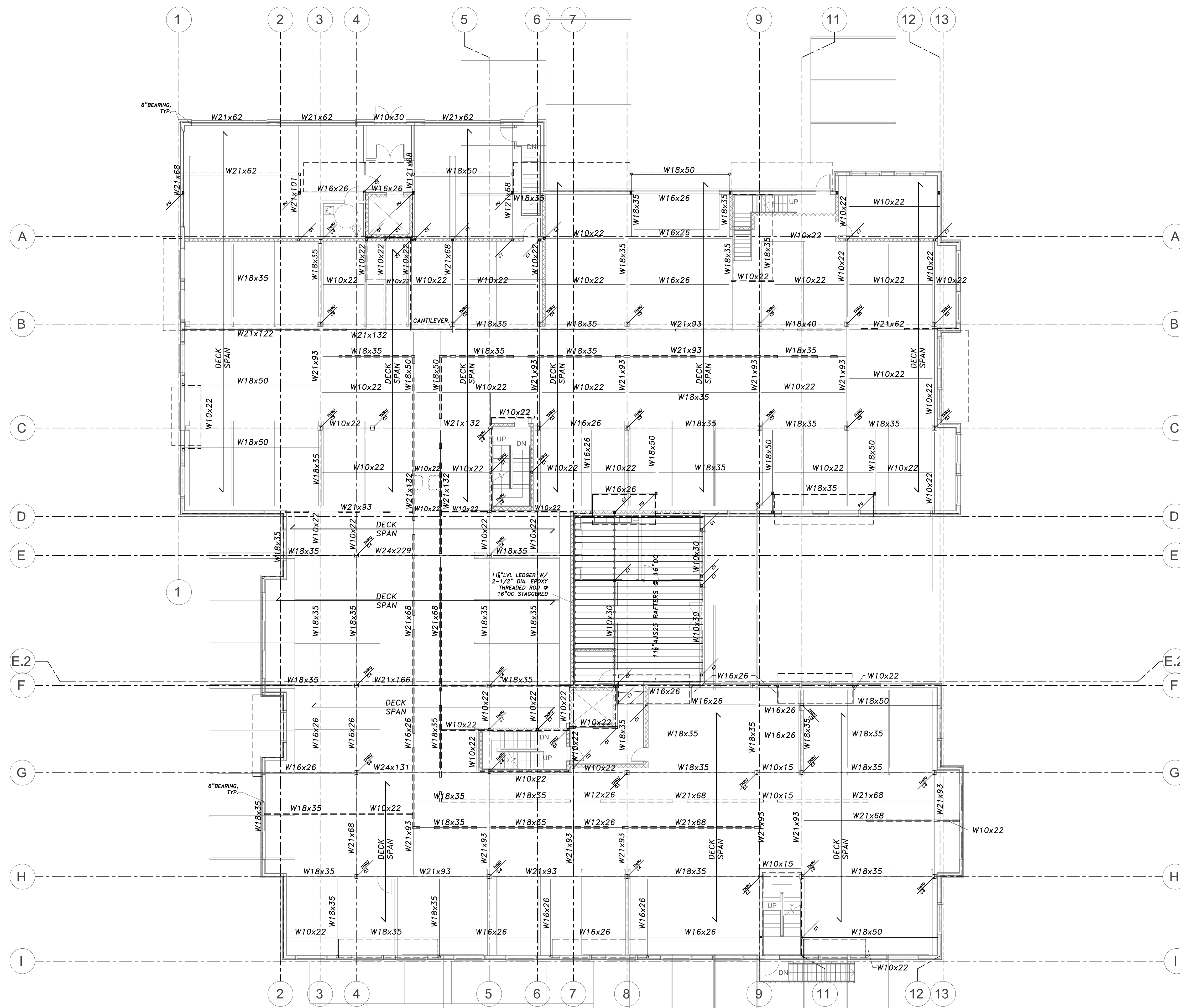
**COLUMN SCHEDULE**

|    |   |            |
|----|---|------------|
| C1 | = | HSS5x5x3/8 |
| C2 | = | HSS5x5x3/8 |
| C3 | = | W10x54     |
| C4 | = | W12x58     |
| C5 | = | W12x72     |
| C6 | = | W12x96     |

- GENERAL NOTES**
1. CONTRACTOR TO SUBMIT STEEL SHOP DRAWINGS FOR ENGINEERS REVIEW.
  2. COMPOSITE SLAB TO BE VULCRAFT 3VLI 18 GAUGE CONCRETE W/ 6" TOTAL THICKNESS.
  3. ALL STEEL DECKING TO BE INSTALLED AT A MINIMUM TWO-SPAN CONTINUOUS.
  4. PROVIDE 3/8" SHEAR STUD @ 12" OC STAGGERED @ ALL STEEL BEAMS

FULL PENETRATION  
MOMENT  
CONNECTION

CANTILEVER



SECOND FLOOR FRAMING

3/32"=1'-0"

COLUMN SCHEDULE

- C1 = HSS5x5x1/4
- C2 = HSS5x5x3/8
- C3 = W10x54
- C4 = W12x58
- C5 = W12x72
- C6 = W12x96

GENERAL NOTES

1. CONTRACTOR TO SUBMIT STEEL SHOP DRAWINGS FOR ENGINEER'S REVIEW.
  2. COMPOSITE SLAB TO BE VULCRAFT 3VL19 GAUGE CONCRETE W/ 6.5" TOTAL THICKNESS.
  3. ALL STEEL DECKING TO BE INSTALL AT A MINIMUM TWO-SPAN CONTINUOUS.
  4. PROVIDE 3/4" SHEAR STUD @ 12" OC FOR W18 BEAMS AND 24" OC FOR W16 BEAMS AND LOWER, STAGGERED
- ALL STEEL BEAMS



**THIRD FLOOR FRAMING**

3/32"=1'-0"

**SHEAR WALL NOTES**

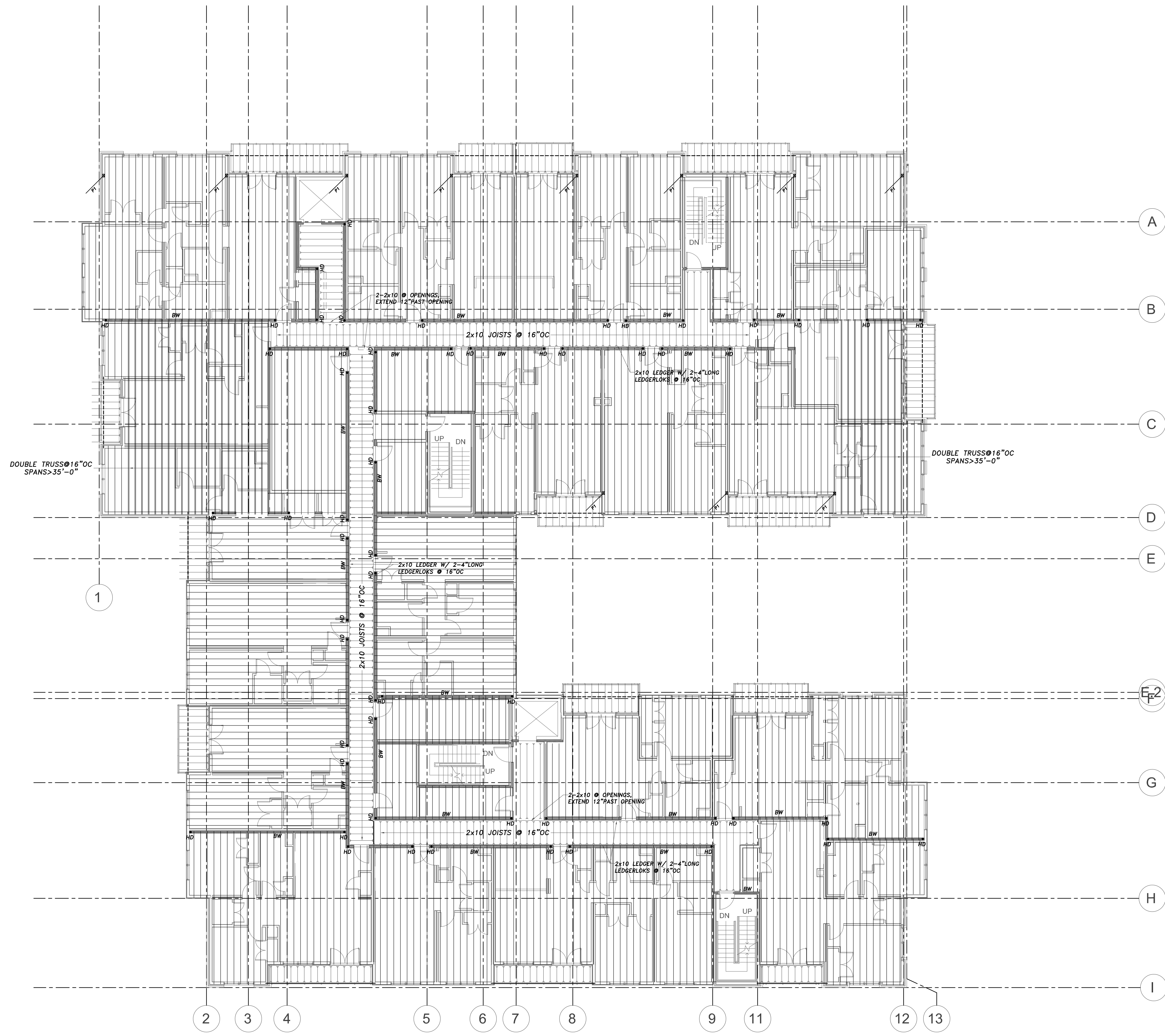
ALL INTERIOR CORRIDOR WALLS ARE SPECIFIED AS SHEAR WALLS. INSTALL 1/2" SHEATHING ON ONE SIDE OF CORRIDOR WALLS W/ 8d NAILS @ 4" OC AT PERIMETER AND 8d NAILS @ 8" OC IN THE FIELD.

SEE PLAN FOR HOLDOWN LOCATIONS (HD). ALL HOLDOWNS TO BE SIMPSON HDU8-SDS2.5.

**GENERAL NOTES**

1. ALL JOISTS TO BE 22" DEEP OPEN WEB JOISTS @ 16" OC, UNLESS NOTED OTHERWISE. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL JOISTS.
2. HURRICANE TIE TO BE SPECIFIED ON SHOP DRAWINGS FOR ENGINEER REVIEW.
3. BW DENOTES BEARING WALLS CONSISTING OF 2-2x6 @ 16" OC MINIMUM WITH BLOCKING AT MIDHEIGHT OF WALL.
4. TYPICAL HEADERS AT OUTSIDE WALLS AND ALONG BEARING WALL TO BE AS FOLLOWS

3-2x10 J1-26



**FOURTH FLOOR FRAMING**

3/32"=1'-0"

**SHEAR WALL NOTES**

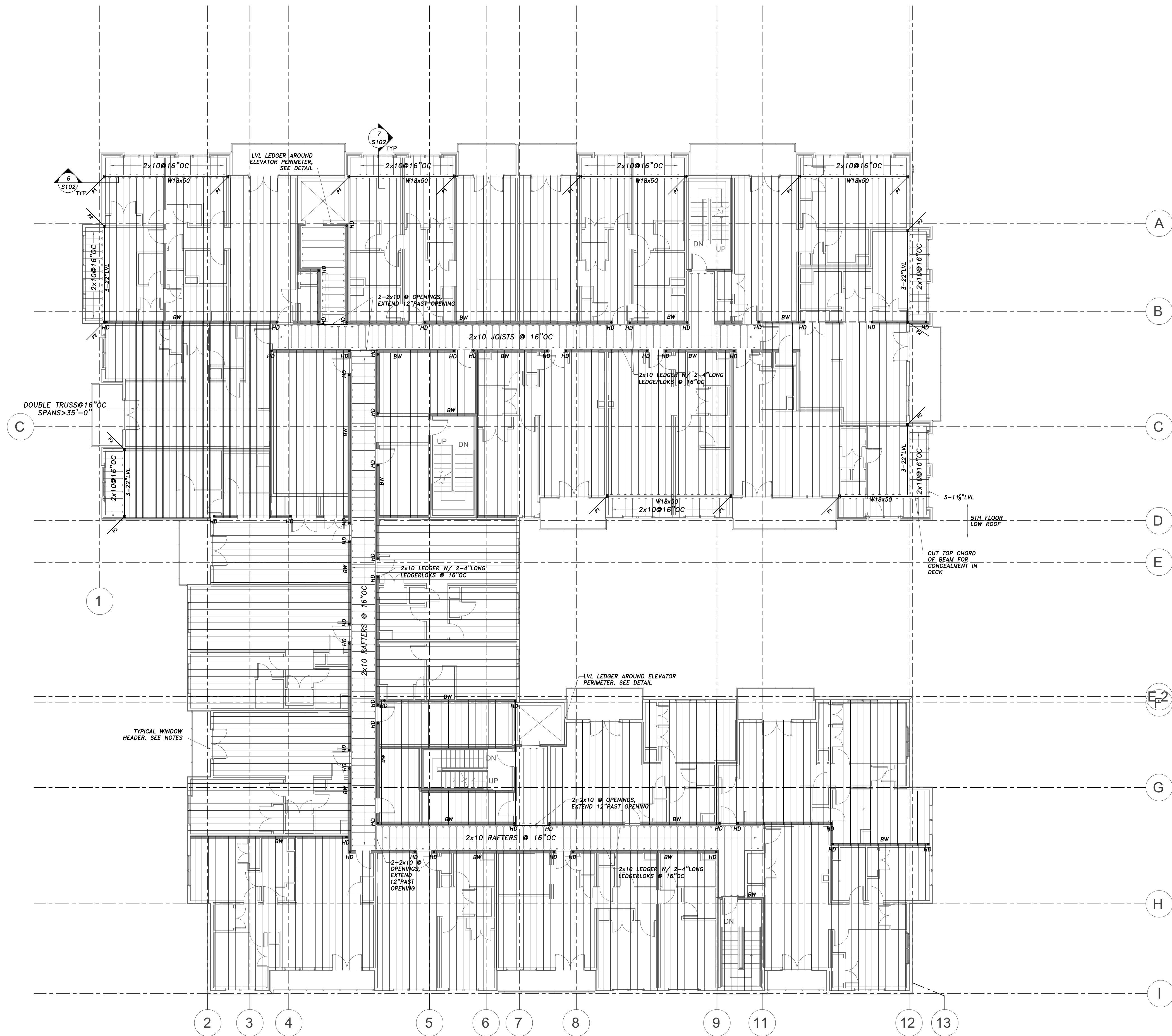
ALL INTERIOR CORRIDOR WALLS ARE SPECIFIED AS SHEAR WALLS. INSTALL 1/4" SHEATHING ON ONE SIDE OF CORRIDOR WALLS W/ 8d NAILS @ 4"OC AT PERIMETER AND 8d NAILS @ 8"OC IN THE FIELD.

SEE PLAN FOR HOLDOWN LOCATIONS (HD). ALL HOLDOWNS TO BE SIMPSON HDU8-SDS2.5.

**GENERAL NOTES**

1. ALL JOISTS TO BE 22" DEEP OPEN WEB JOISTS @ 16"OC, UNLESS NOTED OTHERWISE. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL JOISTS.
2. HURRICANE TIE TO BE SPECIFIED ON SHOP DRAWINGS FOR ENGINEER REVIEW.
3. BW DENOTES BEARING WALLS CONSISTING OF 2x6@16"OC MINIMUM WITH BLOCKING AT MIDHEIGHT OF WALL.
4. TYPICAL HEADERS AT OUTSIDE WALLS AND ALONG BEARING WALL TO BE AS FOLLOWS

3-2x10  
JT-26



**FIFTH FLOOR/ ROOF FRAMING**

3/32"=1'-0"

**SHEAR WALL NOTES**

ALL INTERIOR CORRIDOR WALLS ARE SPECIFIED AS SHEAR WALLS. INSTALL 1/2" SHEATHING ON ONE SIDE OF CORRIDOR WALLS W/ 8d NAILS @ 4" OC AT PERIMETER AND 8d NAILS @ 8" OC IN THE FIELD.

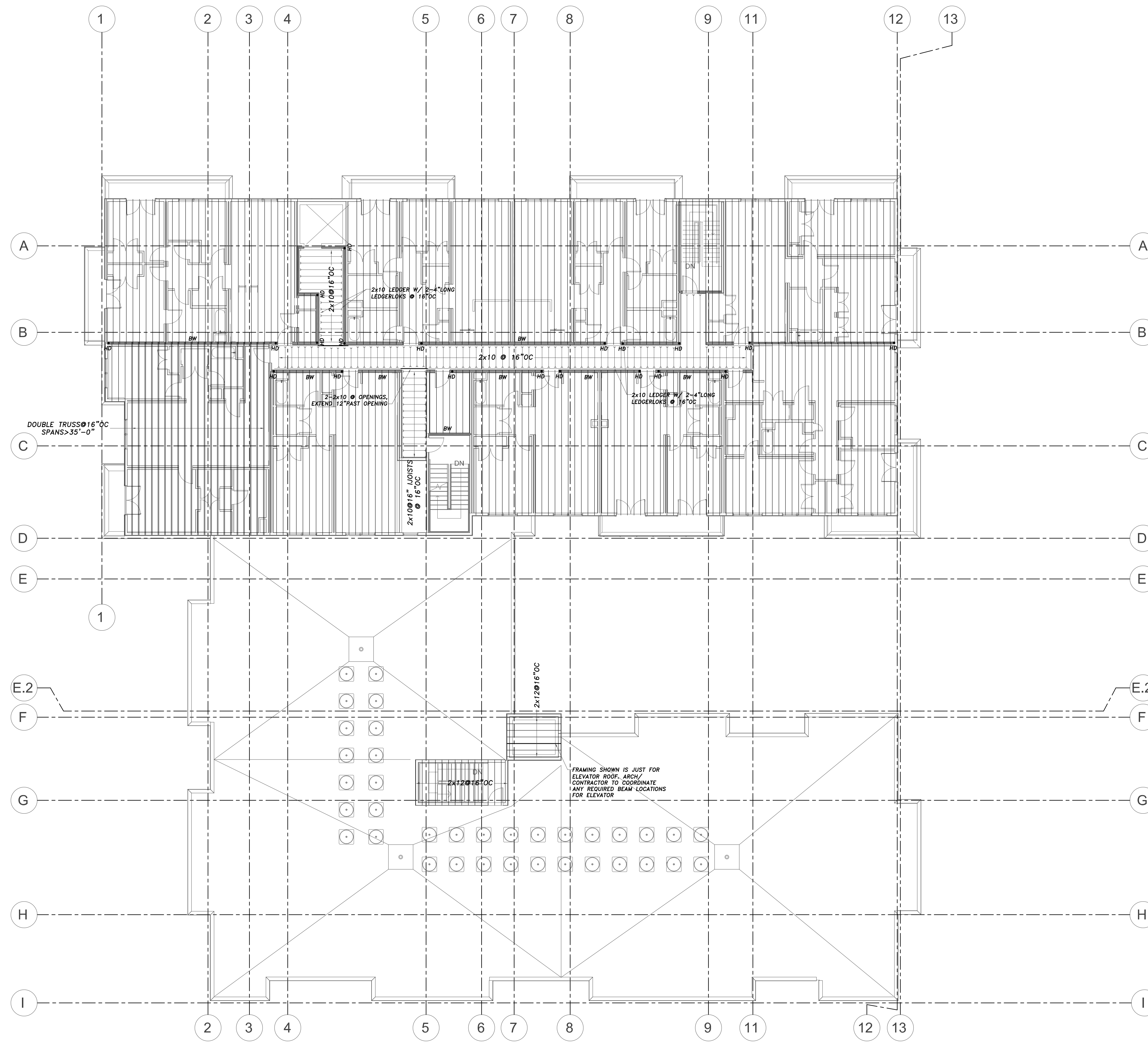
SEE PLAN FOR HOLDOWN LOCATIONS (HD). ALL HOLDOWNS TO BE SIMPSON HDU8-SDS2.5.

**GENERAL NOTES**

1. ALL JOISTS TO BE 22" DEEP OPEN WEB JOISTS @ 16" OC. UNLESS NOTED OTHERWISE. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL JOISTS.
2. HURRICANE TIE TO BE SPECIFIED ON SHOP DRAWINGS FOR ENGINEER REVIEW.
3. BW DENOTES BEARING WALLS CONSISTING OF 2x6 @ 16" OC MINIMUM WITH BLOCKING AT MIDHEIGHT OF WALL.
4. TYPICAL HEADERS AT OUTSIDE WALLS AND ALONG BEARING WALL TO BE AS FOLLOWS
5. P1 = 5 1/2" x 7" VC
6. P2 = 5 1/2" x 5 1/2" VC

3-2x10 11-26





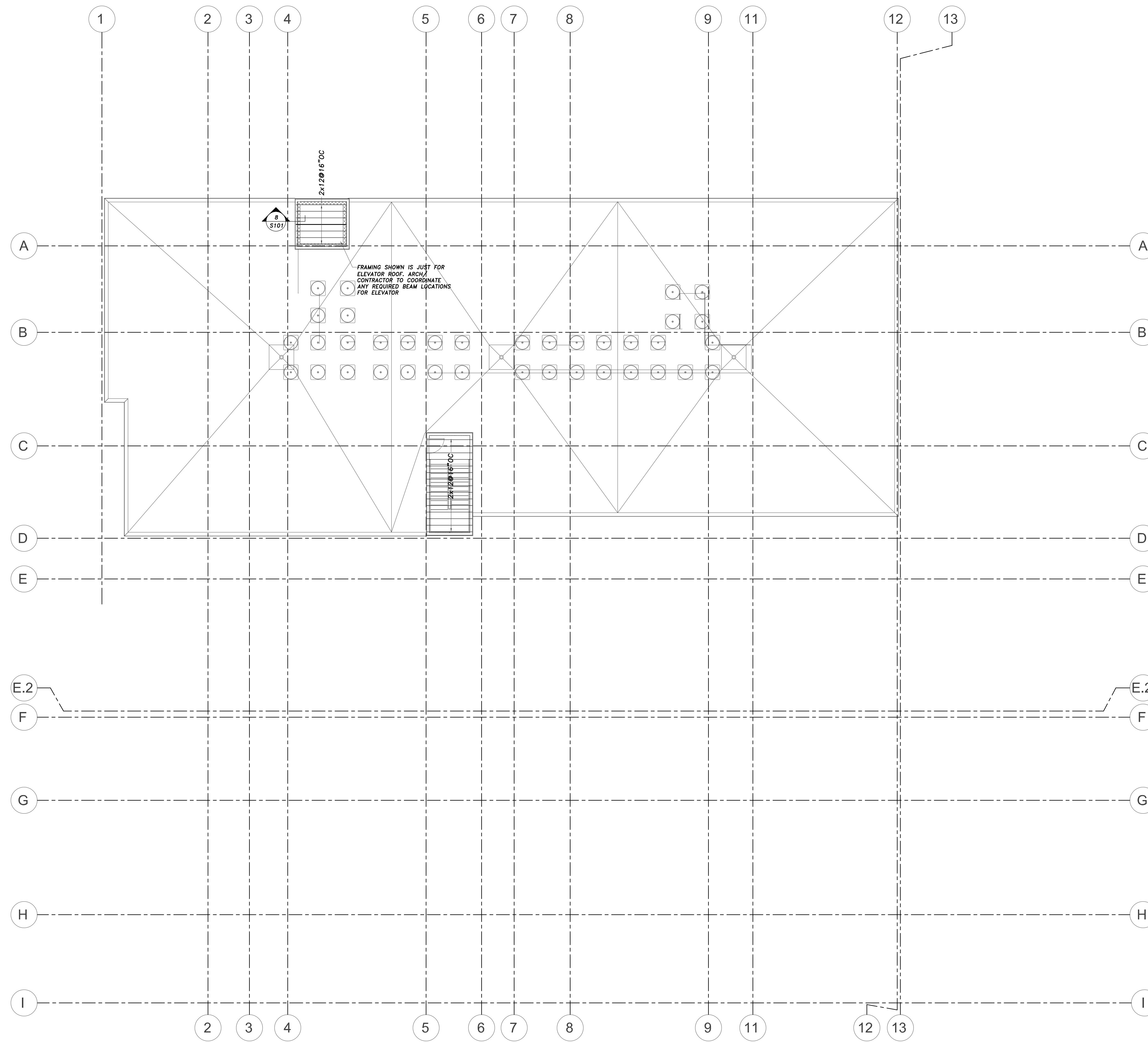
**HIGH ROOF FRAMING**  
3/32"=1'-0"

**SHEAR WALL NOTES**

ALL INTERIOR CORRIDOR WALLS ARE SPECIFIED AS SHEAR WALLS. INSTALL 1/2" SHEATHING ON ONE SIDE OF CORRIDOR WALLS W/ 8d NAILS @ 4" OC AT PERIMETER AND 8d NAILS @ 8" OC IN THE FIELD.  
SEE PLAN FOR HOLDOWN LOCATIONS (HD). ALL HOLDOWNS TO BE SIMPSON HDU8-SDS2.5.

**GENERAL NOTES**

1. ALL JOISTS TO BE 22" REDBUILT TYPE L DEEP OPEN WEB JOISTS @ 16" OC, UNLESS NOTED OTHERWISE. CONTRACTOR TO SUBMIT SHOP DRAWINGS OF ALL JOISTS.
2. HURRICANE TIE TO BE SPECIFIED ON SHOP DRAWINGS FOR ENGINEER REVIEW.
3. BW DENOTES BEARING WALLS CONSISTING OF 2x6 @ 16" OC MINIMUM WITH BLOCKING AT MIDHEIGHT OF WALL.
4. TYPICAL HEADERS AT OUTSIDE WALLS AND ALONG BEARING WALL TO BE AS FOLLOWS



○ HIGH ROOF FRAMING  
3/32"=1'-0"