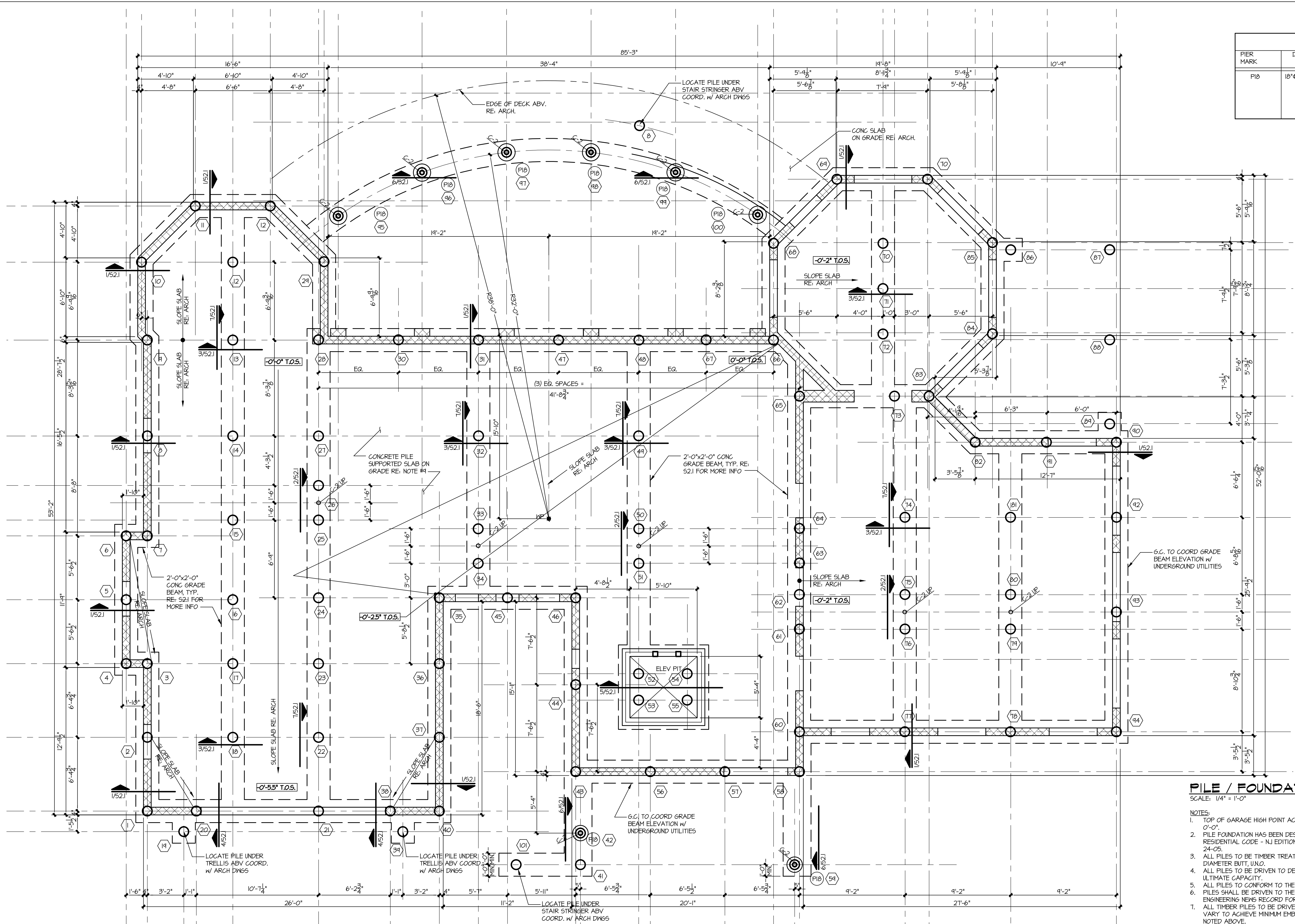


| PIER SCHEDULE | | |
|---------------|------------|--|
| PIER MARK | DIMENSIONS | REINFORCING |
| PIB | 18"Ø ROUND | (4) #5 BARS w/ #3 TIES AT 6" O.C. MAX. |

| COLUMN SCHEDULE | |
|-----------------|--------------------------|
| C-1 | 3" DIA. STND PIPE COLUMN |
| C-2 | 4" DIA. STND PIPE COLUMN |
| C-3 | 5" DIA. STND PIPE COLUMN |
| C-4 | HSS 8"x6"x3/8" RECTANGLE |



FILE / FOUNDATION PLAN
 SCALE: 1/4" = 1'-0"

- NOTES:
- TOP OF GARAGE HIGH POINT ACTUAL ELEVATION IS +1.46' AND IS SET AS DATUM 0'-0".
 - PILE FOUNDATION HAS BEEN DESIGNED IN ACCORDANCE WITH 2015 INTERNATIONAL RESIDENTIAL CODE - NJ EDITION INCLUDING THE PROVISIONS OF ASCE 1-10 AND ASCE 24-05.
 - ALL PILES TO BE TIMBER TREATED PILES W/ A MINIMUM 10" DIAMETER TIP AND 12" DIAMETER BUTT, UNO.
 - ALL PILES TO BE DRIVEN TO DEVELOP A 15 TON ALLOWABLE CAPACITY AND 30 TON ULTIMATE CAPACITY.
 - ALL PILES TO CONFORM TO THE ASTM SPECIFICATIONS.
 - PILES SHALL BE DRIVEN TO THE RESISTANCE DETERMINED BY THE MODIFIED ENGINEERING NEWS RECORD FORMULA FOR THE DESIRED CAPACITY.
 - ALL TIMBER PILES TO BE DRIVEN A MINIMUM OF 20" INTO SOIL. LENGTH OF PILE SHALL VARY TO ACHIEVE MINIMUM EMBEDMENT AND TO ACHIEVE ULTIMATE CAPACITY AS NOTED ABOVE.
 - TOP OF SLAB IS AT FINISHED FLOOR ELEVATION UNLESS NOTED THUS [L'x-X" T.O.S.] ON PLAN REFERENCED FROM THE BUILDING'S DATUM.
 - CONCRETE SLAB ON GRADE TO BE 8" NORMAL WEIGHT CONCRETE (f_c = 4,000 PSI AT 28 DAYS) REINFORCE WITH #5 BARS @18" O.C. EACH WAY TOP & BOTTOM.
 - PROVIDE (2) #5 x 4'-0" LONG REINFORCING BARS AT ALL RE-ENTRANT SLAB CORNERS.
 - TOP OF PIERS ARE SHOWN THUS [L'x-X" T.O.P.] ON PLAN AND ARE REFERENCED TO THE BUILDING'S DATUM.
 - ⊙ INDICATES PIER TYPE, SEE SCHEDULE FOR SIZE AND REINFORCING.
 - ALL COLUMN FOOTINGS SHALL BE CENTERED UNDER COLUMN CENTERLINES UNLESS NOTED OTHERWISE ON PLAN.
 - FOR TYPICAL DETAILS SEE DRAWING 541 FOR TYPICAL NOTES SEE DRAWINGS 501
 - PROVIDE THICKENED SLAB DETAIL AT INTERIOR PILE SUPPORTS, SEE TYPICAL DETAIL SHEET.
 - F.S. - DENOTES FOOTING STEP. SEE DETAIL SHEETS.
 - C.-J. DENOTES CONTROL JOINT, RE: TYPICAL DETAILS FOR CONSTRUCTION.
 - AT ALL LOCATIONS WHERE PLUMBING LINES EXIT THE BUILDING, DEEPEEN FOOTINGS AS REQUIRED TO ALLOW 6" (MIN) CLEARANCE BETWEEN PIPE AND FOOTING.

KEYPLAN

| REVISIONS: | NO. | DESCRIPTION: |
|------------|-----|--------------|
| DATE: | | |

PROJECT NUMBER
2507-00

PROJECT NAME
MEYER RESIDENCE
1 LOR ROAD
MONMOUTH BEACH, NJ 07750

PHASE
ZONING

SEAL
CERTIFICATE OF AUTHORIZATION NO.
246128128300

DRAWING TITLE
PILE FOUNDATION PLAN

DATE
05/11/16

SHEET NUMBER
S1.1

FOUNDATION REVISIONS 08/17/16

| HEADER SCHEDULE | |
|-----------------|------------|
| H-1 | (2) 2x8'S |
| H-2 | (2) 2x10'S |
| H-3 | (2) 2x12'S |
| H-4 | (3) 2x8'S |
| H-5 | (3) 2x10'S |
| H-6 | (3) 2x12'S |

| COLUMN SCHEDULE | |
|-----------------|--------------------------|
| C-1 | 3" DIA. STD PIPE COLUMN |
| C-2 | 4" DIA. STD PIPE COLUMN |
| C-3 | 5" DIA. STD PIPE COLUMN |
| C-4 | H55 8"x6"x3/8" RECTANGLE |

| POST SCHEDULE | |
|---------------|----------------------|
| P-1 | (2) 2x4'S |
| P-2 | (2) 2x6'S |
| P-3 | (3) 2x4'S |
| P-4 | (3) 2x6'S |
| P-5 | 4x4 |
| P-6 | 6x6 |
| P-7 | 3-1/2x3-1/2 PSL POST |
| P-8 | 3-1/2x5-1/4 PSL POST |
| P-9 | 5-1/4x5-1/4 PSL POST |

| BEAM SCHEDULE | |
|---------------|------------------|
| B-1 | 1-3/4x4-1/2 LVL |
| B-2 | 3-1/2x4-1/2 PSL |
| B-3 | 5-1/4x4-1/2 PSL |
| B-4 | 1x4-1/2 PSL |
| B-5 | 1-3/4x11-7/8 LVL |
| B-6 | 3-1/2x11-7/8 PSL |
| B-7 | 5-1/4x11-7/8 PSL |
| B-8 | 1x11-7/8 PSL |
| B-9 | 1-3/4x14 LVL |
| B-10 | 3-1/2x14 PSL |
| B-11 | 5-1/4x14 PSL |
| B-12 | 1x14 PSL |
| B-13 | 1-3/4x16 LVL |
| B-14 | 3-1/2x16 PSL |
| B-15 | 5-1/4x16 PSL |
| B-16 | 1x16 PSL |

| POST BASE SCHED. | |
|------------------|--------------------------|
| FB-44 | ABA44 SIMPSON - 4x4 POST |
| FB-66 | ABA66 SIMPSON - 6x6 POST |

| POST CAP SCHED. | |
|-----------------|-------------------------|
| PC-44 | CC44 SIMPSON - 4x4 POST |
| PC-66 | CC66 SIMPSON - 6x6 POST |

| FLITCH BEAM | |
|-------------|--|
| FB-1 | (2) 1-3/4x11-7/8 w/ 1/2"x11/16" STL PLATE BOLT w/ 1/2" DIA. BOLTS AT 12" O.C. STAGGERED. |
| FB-2 | (3) 1-3/4x11-7/8 w/ (2) 3/8"x11/16" STL PLATE BOLT w/ 1/2" DIA. BOLTS AT 12" O.C. STAGGERED. |

| HANGER SCHEDULE | |
|-----------------|----------|
| 2x8 | LU526 |
| (2) 2x8'S | LU526-2 |
| 2x10 | LU528 |
| (2) 2x10'S | LU528-2 |
| 2x12 | LU6210 |
| (2) 2x12'S | LU5210-2 |

| HANGER SCHEDULE | | |
|--------------------|------------------|---------------|
| WOOD I-JOISTS | | |
| JOIST | T/L FLANGE WIDTH | HANGER |
| (1) 4-1/2 110 | 1 3/4" | ITS1.81/9.5 |
| (1) 4-1/2 230 | 2 5/16" | ITS2.37/4.5 |
| (1) 11-7/8 110 | 1 3/4" | ITS1.81/11.88 |
| (1) 11-7/8 230/360 | 2 5/16" | ITS2.37/11.88 |
| (1) 11-7/8 560 | 3 1/2" | ITS3.56/11.88 |
| (1) 14 230/360 | 2 5/16" | ITS2.37/14 |
| (1) 14 560 | 3 1/2" | ITS3.56/14 |
| (2) 4-1/2 110 | 3 1/2" | MIT44.5 |
| (2) 4-1/2 230 | 4 5/8" | MIT354.5-2 |
| (2) 11-7/8 110 | 3 1/2" | MIT411.88 |
| (2) 11-7/8 230/360 | 4 5/8" | MIT3511.88-2 |
| (2) 11-7/8 560 | 7" | MP1411.88-2* |
| (2) 14 230/360 | 4 5/8" | MIT3514-2 |
| (2) 14 560 | 7" | MP1414.88-2* |

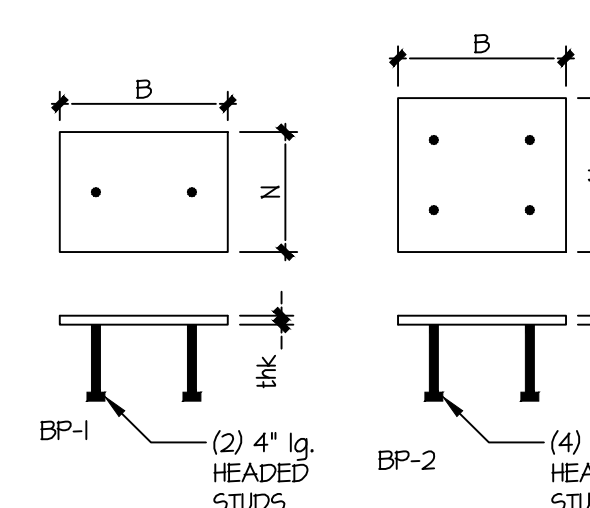
* REQUIRES WEB STIFFENERS

| HANGER SCHEDULE | | |
|----------------------|------------|--|
| PRE-ENGINEERED BEAMS | | |
| 1-3/4x4-1/2 LVL | MIT9.5 | |
| 3-1/2x4-1/2 PSL | GLTV3.54 | |
| 5-1/4x4-1/2 PSL | GLTV5.54 | |
| 1-3/4x11-7/8 LVL | MIT11.88 | |
| 3-1/2x11-7/8 PSL | GLTV3.511 | |
| 5-1/4x11-7/8 PSL | HGLTV5.511 | |
| 1-3/4x14 LVL | MIT14.14 | |
| 3-1/2x14 PSL | GLTV3.514 | |
| 5-1/4x14 PSL | HGLTV5.514 | |

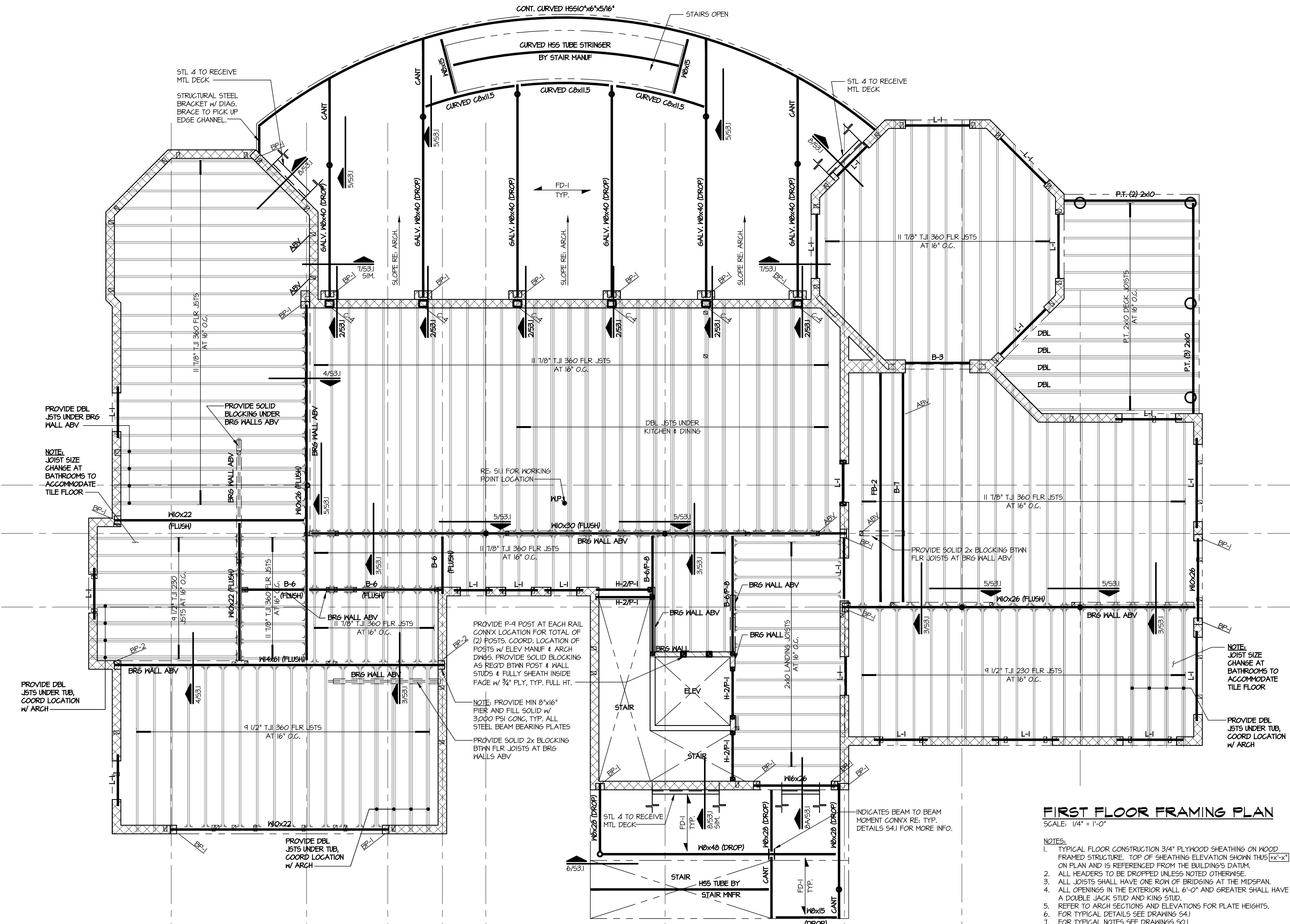
* LAST REVISED 05/19/15

- NOTES:
- SEE STRUCTURAL NOTES FOR REQUIRED WOOD SPECIES AND GRADE.
 - PROVIDE 1/2" FLYWOOD SHIM BETWEEN EACH PLY. MATCH DEPTH OF HEADER
 - FOR 2x8 MULTIPLE MEMBERS GLUE AND NAIL EACH PLY W/ (3) ROWS OF 16d NAILS AT 8" O.C.
 - FOR 2x10 AND 2x12 MULTIPLE MEMBERS GLUE AND NAIL EACH PLY W/ (4) ROWS OF 16d NAILS AT 8" O.C.
 - NAIL OR BOLT MULTIPLE LVL BEAMS AND HEADERS PER MANUFACTURERS REQUIREMENTS.
 - PRE-ENGINEERED WOOD HEADERS MAY BE SUBSTITUTED FOR THE 2x WOOD HEADERS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.

| PLATE MARK | B | N | T |
|------------|---|----|-----|
| BP-1 | 8 | 6 | 1/2 |
| BP-2 | 8 | 12 | 3/4 |



1 BEARING PLATE SCHEDULE



FIRST FLOOR FRAMING PLAN

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

- NOTES:
- TYPICAL FLOOR CONSTRUCTION 3/4" PLYWOOD SHEATHING ON WOOD FRAMED STRUCTURE. TOP OF SHEATHING ELEVATION SHOWN THIS [x'-x"] ON PLAN AND IS REFERENCED FROM THE BUILDING'S DATUM.
 - ALL HEADERS TO BE DROPPED UNLESS NOTED OTHERWISE.
 - ALL JOISTS SHALL HAVE ONE ROW OF BRIDGES AT THE MIDSPAN.
 - ALL OPENINGS IN THE EXTERIOR WALL 6'-0" AND GREATER SHALL HAVE A DOUBLE JACK STUD AND KING STUD.
 - REFER TO ARCH SECTIONS AND ELEVATIONS FOR PLATE HEIGHTS.
 - FOR TYPICAL DETAILS SEE DRAWING 541.
 - FOR TYPICAL NOTES SEE DRAWING 501.
 - GENERAL CONTRACTOR IS RESPONSIBLE TO INSTALL ALL PROPRIETARY FLOOR JOIST FRAMING IN ACCORDANCE WITH ALL MANUFACTURER'S REQUIREMENTS. TYPICAL FOR ALL FLOOR AND ROOF FRAMING THAT IS PRE-ENGINEERED LUMBER.
 - INSTALL PROPER JOIST HANGERS AT ALL JOIST MEMBERS. THE INSTALLATION OF THE JOIST HANGERS SHALL COMPLY WITH THE MANUFACTURER'S RECOMMENDED DETAILS.
 - PLACE DOUBLE JOISTS UNDER WALLS ABOVE OR PROVIDE SOLID BLOCKING AT 24" O.C. UNDER WALLS ABOVE WHERE NOT ALREADY INSTALLED.
 - H-X-P-X DENOTES HEADER/BEAM AND END POST DESIGNATION. RE: SCHEDULE FOR SIZE. POSTS SIZES INDICATED ON PLAN AT POST LOCATIONS ARE SPECIFIC TO HEADER/BEAM END ONLY.
 - STRUCTURAL STEEL SHALL BE ASTM A992 GRADE 50 (INO).
 - BEAMS SHOWN ON PLAN ARE EQUALLY SPACED BETWEEN COLUMN CENTERLINES UNO ON PLAN.
 - L-1 DENOTES (24"x8" 4000 PSI PRECAST CONG LINTELS REINF W/ (1) #4 TOP & BOTT.
 - FD-1 = FLOOR DECK SHALL BE 2 1/2" 4000PSI N/A CONCRETE TOPPING ON 3" 20GA GALVANIZED COMPOSITE METAL FLOOR DECK. TOTAL THICKNESS = 5 1/2". REINFORCE WITH MNF 6x6-W/4X11.4 AT 1" FROM TOP OF SLAB.
 - DIRECTION OF METAL DECK SHOWN THIS ← ON PLAN.

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 STRUCTURAL ENGINEER
KSI PROFESSIONAL
 ENGINEERS, LLC
 149 YELLOWROCK ROAD
 FARMINGDALE, NJ 07727
 T: 732.938.2661 F: 732.938.2661

KEY PLAN

REVISIONS:

| DATE | NO. | DESCRIPTION |
|------|-----|-------------|
| | | |
| | | |
| | | |

PROJECT NUMBER 2507-00

PROJECT NAME MEYER RESIDENCE

1 LOR ROAD
 MONMOUTH BEACH, NJ 07750

PHASE ZONING

SEAL CERTIFICATE OF AUTHORIZATION NO. 246124128300

DRAWING TITLE
FIRST FLOOR
FRAMING PLAN

DATE 05/11/16 SCALE

SHEET NUMBER

FOUNDATION REVISIONS 08/17/16

S1.2

| HEADER SCHEDULE | |
|-----------------|------------|
| H-1 | (2) 2x8'S |
| H-2 | (2) 2x10'S |
| H-3 | (2) 2x12'S |
| H-4 | (3) 2x8'S |
| H-5 | (3) 2x10'S |
| H-6 | (3) 2x12'S |

| FLITCH BEAM | |
|-------------|---|
| FB-1 | (2) 1-3/4"x11-7/8" w/ 1/2"x11.5" STL PLATE BOLT w/ 1/2" DIA. BOLTS AT 12" O.C. STAGGERED. |
| FB-2 | (3) 1-3/4"x11-7/8" w/ (2) 3/8"x11.5" STL PLATE BOLT w/ 1/2" DIA. BOLTS AT 12" O.C. STAGGERED. |

| COLUMN SCHEDULE | |
|-----------------|--------------------------|
| C-1 | 3" DIA. STD PIPE COLUMN |
| C-2 | 4" DIA. STD PIPE COLUMN |
| C-3 | 5" DIA. STD PIPE COLUMN |
| C-4 | H55 8"x6"x3/8" RECTANGLE |

| HANGER SCHEDULE | |
|-----------------|----------|
| 2x8 | LU526 |
| (2) 2x8'S | LU526-2 |
| 2x10 | LU528 |
| (2) 2x10'S | LU528-2 |
| 2x12 | LU6210 |
| (2) 2x12'S | LU5210-2 |

| POST SCHEDULE | |
|---------------|----------------------|
| P-1 | (2) 2x4'S |
| P-2 | (2) 2x6'S |
| P-3 | (3) 2x4'S |
| P-4 | (3) 2x6'S |
| P-5 | 4x4 |
| P-6 | 6x6 |
| P-7 | 3-1/2x3-1/2 PSL POST |
| P-8 | 3-1/2x5-1/4 PSL POST |
| P-4 | 5-1/4x5-1/4 PSL POST |

| HANGER SCHEDULE | | |
|--------------------|------------------|---------------|
| WOOD I-JOISTS | | |
| JOIST | TTL FLANGE WIDTH | HANGER |
| (1) 9-1/2 I10 | 1 3/4" | IT51.81/4.5 |
| (1) 9-1/2 230 | 2 5/16" | IT52.37/4.5 |
| (1) 11-7/8 I10 | 1 3/4" | IT51.81/11.88 |
| (1) 11-7/8 230/360 | 2 5/16" | IT52.37/11.88 |
| (1) 11-7/8 560 | 3 1/2" | IT53.56/11.88 |
| (1) 14 230/360 | 2 5/16" | IT52.37/14 |
| (1) 14 560 | 3 1/2" | IT53.56/14 |
| (2) 9-1/2 I10 | 3 1/2" | MIT44.5 |
| (2) 9-1/2 230 | 4 5/8" | MIT354.5-2 |
| (2) 11-7/8 I10 | 3 1/2" | MIT411.88 |
| (2) 11-7/8 230/360 | 4 5/8" | MIT3511.88-2 |
| (2) 11-7/8 560 | 7" | KPI411.88-2* |
| (2) 14 230/360 | 4 5/8" | MIT3514-2 |
| (2) 14 560 | 7" | KPI414.88-2* |

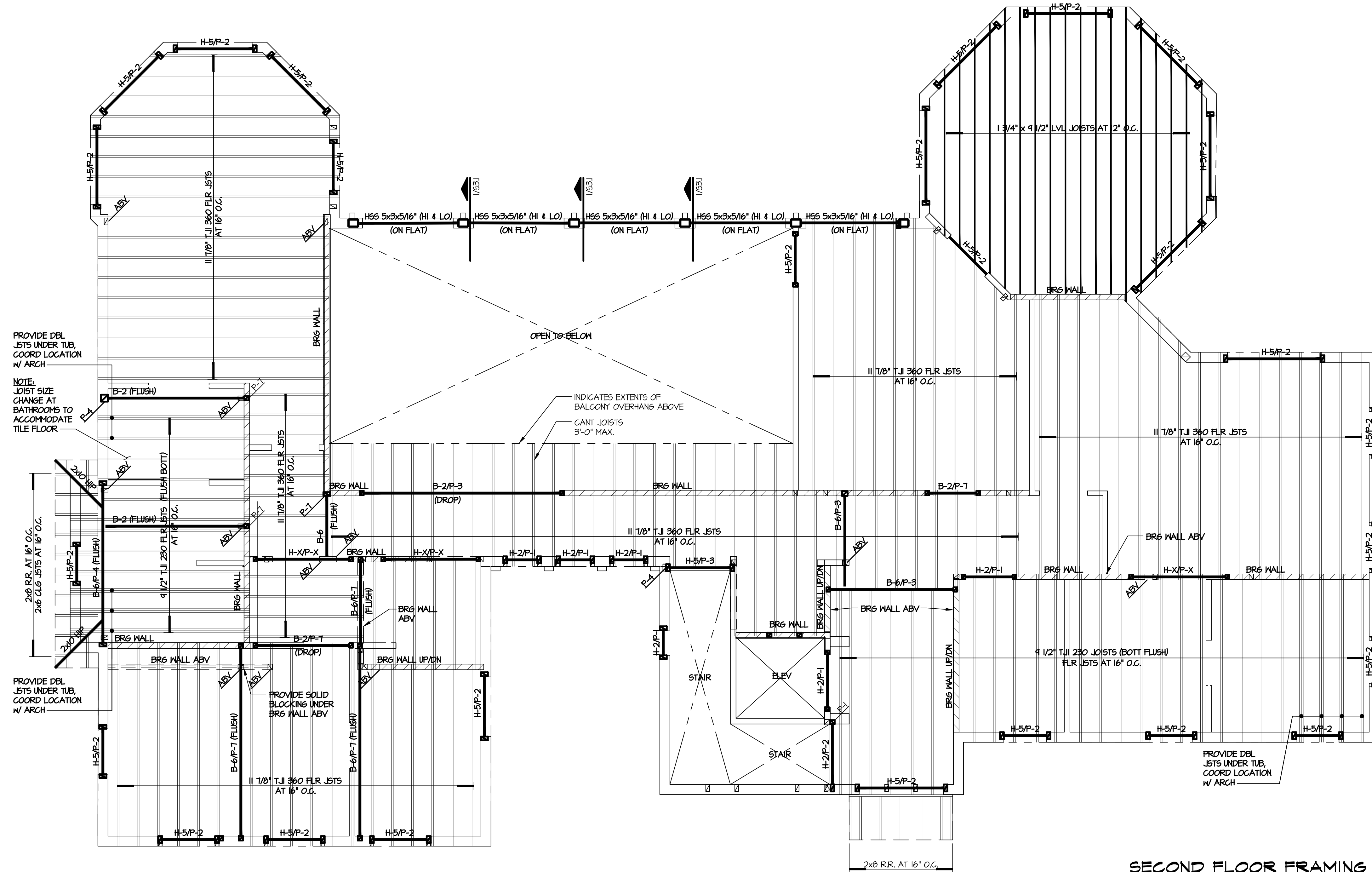
| BEAM SCHEDULE | |
|---------------|------------------|
| B-1 | 1-3/4x1-1/2 LVL |
| B-2 | 3-1/2x1-1/2 PSL |
| B-3 | 5-1/4x1-1/2 PSL |
| B-4 | 1x4-1/2 PSL |
| B-5 | 1-3/4x11-7/8 LVL |
| B-6 | 3-1/2x11-7/8 PSL |
| B-7 | 5-1/4x11-7/8 PSL |
| B-8 | 7x11-7/8 PSL |
| B-9 | 1-3/4x14 LVL |
| B-10 | 3-1/2x14 PSL |
| B-11 | 5-1/4x14 PSL |
| B-12 | 1x14 PSL |
| B-13 | 1-3/4x16 LVL |
| B-14 | 3-1/2x16 PSL |
| B-15 | 5-1/4x16 PSL |
| B-16 | 1x16 PSL |

| HANGER SCHEDULE | |
|------------------|------------|
| 1-3/4x1-1/2 LVL | MIT19.5 |
| 3-1/2x1-1/2 PSL | GLTV3.59 |
| 5-1/4x1-1/2 PSL | GLTV5.59 |
| 1-3/4x11-7/8 LVL | MIT11.88 |
| 3-1/2x11-7/8 PSL | GLTV3.511 |
| 5-1/4x11-7/8 PSL | HGLTV5.511 |
| 1-3/4x14 LVL | MIT1.81/14 |
| 3-1/2x14 PSL | GLTV3.514 |
| 5-1/4x14 PSL | HGLTV5.514 |

| POST BASE SCHED. | |
|------------------|--------------------------|
| PB-44 | ABA44 SIMPSON - 4x4 POST |
| PB-66 | ABA66 SIMPSON - 6x6 POST |

| POST CAP SCHED. | |
|-----------------|-------------------------|
| PC-44 | CC44 SIMPSON - 4x4 POST |
| PC-66 | CC66 SIMPSON - 6x6 POST |

- NOTES:
- SEE STRUCTURAL NOTES FOR REQUIRED WOOD SPECIES AND GRADE.
 - PROVIDE 1/2" PLYWOOD SHIM BETWEEN EACH PLY. MATCH DEPTH OF HEADER.
 - FOR 2x8 MULTIPLE MEMBERS GLUE AND NAIL EACH PLY w/ (3) ROWS OF 16d NAILS AT 8" O.C.
 - FOR 2x10 AND 2x12 MULTIPLE MEMBERS GLUE AND NAIL EACH PLY w/ (4) ROWS OF 16d NAILS AT 8" O.C.
 - NAIL OR BOLT MULTIPLE LVL BEAMS AND HEADERS PER MANUFACTURERS REQUIREMENTS.
 - PRE-ENGINEERED WOOD HEADERS MAY BE SUBSTITUTED FOR THE 2x WOOD HEADERS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.



SECOND FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

- NOTES:
- TYPICAL FLOOR CONSTRUCTION 3/4" PLYWOOD SHEATHING ON WOOD FRAMED STRUCTURE. TOP OF SHEATHING ELEVATION SHOWN THIS [x-x' TO 5] ON PLAN AND IS REFERENCED FROM THE BUILDING'S DATUM.
 - ALL HEADERS TO BE DROPPED UNLESS NOTED OTHERWISE.
 - ALL 2x STRUCTURAL FRAMING TO BE #2 DOUG FIR OR BETTER.
 - ALL JOISTS SHALL HAVE ONE ROW OF BRIDGING AT THE MIDSFAN.
 - ALL RIM JOIST SHALL BE 1-1/4" LSL RIM JOIST OR EQUAL TO SUPPORT A MINIMUM OF 3400 LB/FT TYPICAL ALL FLOORS.
 - ALL HEADERS TO BE MIN. (2) 2x10'S IN 2x4 EXTERIOR WALL AND (3)2x10'S IN 2x6 EXTERIOR WALL UNLESS NOTED OTHERWISE ON PLAN. ALL OPENINGS IN THE EXTERIOR WALL 6'-0" AND GREATER SHALL HAVE A DOUBLE JACK STUD AND KING STUD.
 - REFER TO ARCH SECTIONS AND ELEVATIONS FOR PLATE HEIGHTS.
 - FOR TYPICAL DETAILS SEE DRAWING S4.1
 - FOR TYPICAL NOTES SEE DRAWING S0.1
 - GENERAL CONTRACTOR IS RESPONSIBLE TO INSTALL ALL PROPRIETARY FLOOR JOIST FRAMING IN ACCORDANCE WITH ALL MANUFACTURER'S REQUIREMENTS. TYPICAL FOR ALL FLOOR AND ROOF FRAMING THAT IS PRE-ENGINEERED LUMBER.
 - INSTALL PROPER JOIST HANGERS AT ALL JOIST MEMBERS. THE INSTALLATION OF THE JOIST HANGERS SHALL COMPLY WITH THE MANUFACTURER'S RECOMMENDED DETAILS.
 - PLACE DOUBLE JOISTS UNDER WALLS ABOVE OR PROVIDE SOLID BLOCKING AT 24" O.C. UNDER WALLS ABOVE WHERE NOT ALREADY INSTALLED.
 - H-X/P-X DENOTES HEADER/BREAM AND END POST DESIGNATION. RE: SCHEDULE FOR SIZE. POSTS SIZES INDICATED ON PLAN AT POST LOCATIONS ARE SPECIFIC TO HEADER/BEAM END ONLY.

DESIGN ARCHITECT
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STRUCTURAL ENGINEER

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| REVISIONS: | |
|------------|------------------|
| DATE: | NO. DESCRIPTION: |

| | |
|----------------|---|
| PROJECT NUMBER | 2507-00 |
| PROJECT NAME | MEYER RESIDENCE |
| 1609 ROAD | MONMOUTH BEACH, NJ 07750 |
| PHASE | ZONING |
| SEAL | CERTIFICATE OF AUTHORIZATION NO. 2462A2128300 |

| | |
|---------------|---------------------------|
| DATE | 05/11/16 |
| SCALE | |
| DRAWING TITLE | SECOND FLOOR FRAMING PLAN |
| SHEET NUMBER | S1.3 |

FOUNDATION REVISIONS 08/17/16

| HEADER SCHEDULE | |
|-----------------|------------|
| H-1 | (2) 2x8's |
| H-2 | (2) 2x10's |
| H-3 | (2) 2x12's |
| H-4 | (3) 2x8's |
| H-5 | (3) 2x10's |
| H-6 | (3) 2x12's |

| FLITCH BEAM | |
|-------------|---|
| FB-1 | (2) 1-3/4"x11-7/8" w/ 1/2"x11.5" STL PLATE BOLT w/ 1/2" DIA. BOLTS AT 12" O.C. STAGGERED. |
| FB-2 | (3) 1-3/4"x11-7/8" w/ (2) 3/8"x11.5" STL PLATE BOLT w/ 1/2" DIA. BOLTS AT 12" O.C. STAGGERED. |

| COLUMN SCHEDULE | |
|-----------------|--------------------------|
| C-1 | 3" DIA. STND PIPE COLUMN |
| C-2 | 4" DIA. STND PIPE COLUMN |
| C-3 | 5" DIA. STND PIPE COLUMN |
| C-4 | H55 8"x6"x3/8" RECTANGLE |

| HANGER SCHEDULE | | DIMENSIONAL LUMBER | |
|-----------------|--|--------------------|----------|
| 2x8 | | | LU526 |
| (2) 2x8's | | | LU526-2 |
| 2x10 | | | LU528 |
| (2) 2x10's | | | LU5228-2 |
| 2x12 | | | LU8210 |
| (2) 2x12's | | | LU5210-2 |

| POST SCHEDULE | |
|---------------|------------------------|
| P-1 | (2) 2x4's |
| P-2 | (2) 2x6's |
| P-3 | (3) 2x4's |
| P-4 | (3) 2x6's |
| P-5 | 4x4 |
| P-6 | 6x6 |
| P-7 | 3-1/2"x3-1/2" PSL POST |
| P-8 | 3-1/2"x5-1/4" PSL POST |
| P-9 | 5-1/4"x5-1/4" PSL POST |

| HANGER SCHEDULE | | | WOOD I-JOISTS | |
|---------------------|------------------|---------------|---------------|--|
| JOIST | TTL FLANGE WIDTH | HANGER | | |
| (1) 4-1/2" I10 | 1 3/4" | ITS1.8/1.5 | | |
| (1) 4-1/2" 230 | 2 5/8" | ITS2.37/1.5 | | |
| (1) 11-7/8" I10 | 1 3/4" | ITS1.8/11.88 | | |
| (1) 11-7/8" 230/360 | 2 5/8" | ITS2.37/11.88 | | |
| (1) 11-7/8" 560 | 3 1/2" | ITS3.56/11.88 | | |
| (1) 14" 230/360 | 2 5/8" | ITS2.37/1.4 | | |
| (1) 14" 560 | 3 1/2" | ITS3.56/1.4 | | |
| (2) 4-1/2" I10 | 3 1/2" | MIT4.45 | | |
| (2) 4-1/2" 230 | 4 5/8" | MIT3.95-2 | | |
| (2) 11-7/8" I10 | 3 1/2" | MIT41.88 | | |
| (2) 11-7/8" 230/360 | 4 5/8" | MIT3511.88-2 | | |
| (2) 11-7/8" 560 | 7" | WPI411.88-2* | | |
| (2) 14" 230/360 | 4 5/8" | MIT3514-2 | | |
| (2) 14" 560 | 7" | WPI414.88-2* | | |

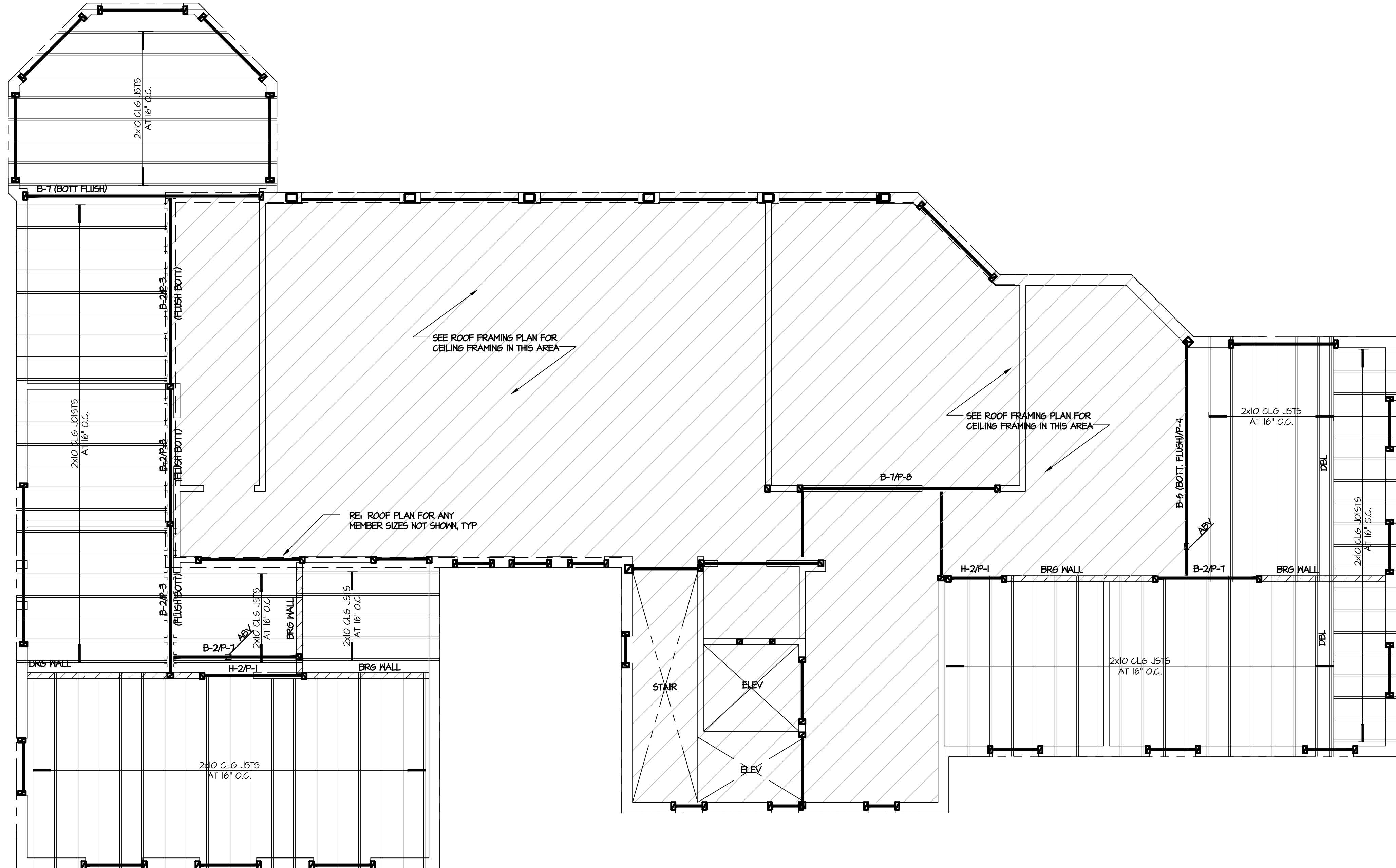
| BEAM SCHEDULE | |
|---------------|--------------------|
| B-1 | 1-3/4"x9-1/2" LVL |
| B-2 | 3-1/2"x9-1/2" PSL |
| B-3 | 5-1/4"x9-1/2" PSL |
| B-4 | 7x9-1/2" PSL |
| B-5 | 1-3/4"x11-7/8" LVL |
| B-6 | 3-1/2"x11-7/8" PSL |
| B-7 | 5-1/4"x11-7/8" PSL |
| B-8 | 7x11-7/8" PSL |
| B-9 | 1-3/4"x14" LVL |
| B-10 | 3-1/2"x14" PSL |
| B-11 | 5-1/4"x14" PSL |
| B-12 | 7x14" PSL |
| B-13 | 1-3/4"x16" LVL |
| B-14 | 3-1/2"x16" PSL |
| B-15 | 5-1/4"x16" PSL |
| B-16 | 7x16" PSL |

| HANGER SCHEDULE | | PRE-ENGINEERED BEAMS | |
|--------------------|------------|----------------------|--|
| 1-3/4"x9-1/2" LVL | MIT9.5 | | |
| 3-1/2"x9-1/2" PSL | 6LTV3.54 | | |
| 5-1/4"x9-1/2" PSL | 6LTV5.54 | | |
| 1-3/4"x11-7/8" LVL | MIT11.88 | | |
| 3-1/2"x11-7/8" PSL | 6LTV3.511 | | |
| 5-1/4"x11-7/8" PSL | HGLTV5.511 | | |
| 1-3/4"x14" LVL | MIT18.14 | | |
| 3-1/2"x14" PSL | 6LTV3.514 | | |
| 5-1/4"x14" PSL | HGLTV5.514 | | |

| POST BASE SCHED. | |
|------------------|--------------------------|
| FB-44 | ABA44 SIMPSON - 4x4 POST |
| FB-66 | ABA66 SIMPSON - 6x6 POST |

| POST CAP SCHED. | |
|-----------------|-------------------------|
| PC-44 | CC44 SIMPSON - 4x4 POST |
| PC-66 | CC66 SIMPSON - 6x6 POST |

- NOTES:
- SEE STRUCTURAL NOTES FOR REQUIRED WOOD SPECIES AND GRADE.
 - PROVIDE 1/2" PLYWOOD SHIM BETWEEN EACH PLY. MATCH DEPTH OF HEADER.
 - FOR 2x8 MULTIPLE MEMBERS GLUE AND NAIL EACH PLY w/ (3) ROWS OF 16d NAILS AT 8" O.C.
 - FOR 2x10 AND 2x12 MULTIPLE MEMBERS GLUE AND NAIL EACH PLY w/ (4) ROWS OF 16d NAILS AT 8" O.C.
 - NAIL OR BOLT MULTIPLE LVL BEAMS AND HEADERS PER MANUFACTURERS REQUIREMENTS.
 - PRE-ENGINEERED WOOD HEADERS MAY BE SUBSTITUTED FOR THE 2x WOOD HEADERS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.



CEILING FRAMING PLAN

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

- NOTES:
- TYPICAL FLOOR CONSTRUCTION 3/4" PLYWOOD SHEATHING ON WOOD FRAMED STRUCTURE. TOP OF SHEATHING ELEVATION SHOWN THIS EXCEPT TO SECTION PLAN AND IS REFERENCED FROM THE BUILDING'S DATUM.
 - ALL HEADERS TO BE DROPPED UNLESS NOTED OTHERWISE.
 - ALL 2x STRUCTURAL FRAMING TO BE #2 DOUG FIR OR BETTER.
 - ALL JOISTS SHALL HAVE ONE ROW OF BRIDGING AT THE MIDSPAN.
 - ALL RIM JOIST SHALL BE 1-1/4" LSL RIM JOIST OR EQUAL TO SUPPORT A MINIMUM OF 3400 LB/FT TYPICAL ALL FLOORS.
 - ALL HEADERS TO BE MIN. (2) 2x10'S IN 2x4 EXTERIOR WALL AND (3) 2x10'S IN 2x6 EXTERIOR WALL UNLESS NOTED OTHERWISE ON PLAN.
 - ALL OPENINGS IN THE EXTERIOR WALL 6'-0" AND GREATER SHALL HAVE A DOUBLE JACK STUD AND KING STUD.
 - REFER TO ARCH SECTIONS AND ELEVATIONS FOR PLATE HEIGHTS.
 - FOR TYPICAL DETAILS SEE DRAWING 541
 - FOR TYPICAL NOTES SEE DRAWING 501
 - GENERAL CONTRACTOR IS RESPONSIBLE TO INSTALL ALL PROPRIETARY FLOOR JOIST FRAMING IN ACCORDANCE WITH ALL MANUFACTURERS REQUIREMENTS. TYPICAL FOR ALL FLOOR AND ROOF FRAMING THAT IS PRE-ENGINEERED LUMBER.
 - INSTALL PROPER JOIST HANGERS AT ALL JOIST MEMBERS. THE INSTALLATION OF THE JOIST HANGERS SHALL COMPLY WITH THE MANUFACTURER'S RECOMMENDED DETAILS.
 - PLACE DOUBLE JOISTS UNDER WALLS ABOVE OR PROVIDE SOLID BLOCKING AT 24" O.C. UNDER WALLS ABOVE WHERE NOT ALREADY INSTALLED.
 - H-X-P-X DENOTES HEADER/BEAM AND END POST DESIGNATION. REF. SCHEDULE FOR SIZE. POSTS SIZES INDICATED ON PLAN AT POST LOCATIONS ARE SPECIFIC TO HEADER/BEAM END ONLY.
 - REFER TO ROOF PLAN FOR ANY MEMBER SIZES NOT INDICATED ON THIS PLAN.

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REVISIONS:
 DATE: NO. DESCRIPTION:

PROJECT NUMBER
 2507-00

PROJECT NAME
 MEYER RESIDENCE
 1 LOR ROAD
 MONMOUTH BEACH, NJ 07750

PHASE
 ZONING

SEAL
 CERTIFICATE OF AUTHORIZATION NO.
 24612812800
 PATRICK S. CORWIN
 NEW JERSEY PROFESSIONAL ENGINEER
 LICENSE NUMBER 041896

DRAWING TITLE
 CEILING FRAMING PLAN

DATE
 05/11/16

SHEET NUMBER
 S1.4

FOUNDATION REVISIONS 08/17/16

| HEADER SCHEDULE | |
|-----------------|------------|
| H-1 | (2) 2x8'S |
| H-2 | (2) 2x10'S |
| H-3 | (2) 2x12'S |
| H-4 | (3) 2x8'S |
| H-5 | (3) 2x10'S |
| H-6 | (3) 2x12'S |

| FLITCH BEAM | |
|-------------|---|
| FB-1 | (2) 1-3/4x11-7/8 w/ 1/2"x11.5" STL PLATE BOLT w/ 1/2" DIA. BOLTS AT 12" O.C. STAGGERED. |
| FB-2 | (3) 1-3/4x11-7/8 w/ (2) 3/8"x11.5" STL PLATE BOLT w/ 1/2" DIA. BOLTS AT 12" O.C. STAGGERED. |

| COLUMN SCHEDULE | |
|-----------------|--------------------------|
| C-1 | 3" DIA. STD PIPE COLUMN |
| C-2 | 4" DIA. STD PIPE COLUMN |
| C-3 | 5" DIA. STD PIPE COLUMN |
| C-4 | H55 8"x6"x3/8" RECTANGLE |

| HANGER SCHEDULE DIMENSIONAL LUMBER | | |
|------------------------------------|--|----------|
| 2x8 | | LU526 |
| (2) 2x8'S | | LU526-2 |
| 2x10 | | LU528 |
| (2) 2x10'S | | LU528-2 |
| 2x12 | | LU5210 |
| (2) 2x12'S | | LU5210-2 |

| POST SCHEDULE | |
|---------------|----------------------|
| P-1 | (2) 2x4'S |
| P-2 | (2) 2x6'S |
| P-3 | (3) 2x4'S |
| P-4 | (3) 2x6'S |
| P-5 | 4x4 |
| P-6 | 6x6 |
| P-7 | 3-1/2x3-1/2 PSL POST |
| P-8 | 3-1/2x5-1/4 PSL POST |
| P-9 | 5-1/4x5-1/4 PSL POST |

| HANGER SCHEDULE WOOD I-JOISTS | | |
|-------------------------------|------------------|----------------|
| JOIST | TTL FLANGE WIDTH | HANGER |
| (1) 4-1/2 I10 | 1 3/4" | ITS1.8/1.9.5 |
| (1) 4-1/2 230 | 2 5/16" | ITS2.3/1.9.5 |
| (1) 11-7/8 I10 | 1 3/4" | ITS1.8/11.8.8 |
| (1) 11-7/8 230/360 | 2 5/16" | ITS2.3/11.8.8 |
| (1) 11-7/8 560 | 3 1/2" | ITS3.56/11.8.8 |
| (1) 14 230/360 | 2 5/16" | ITS2.3/1.4 |
| (1) 14 560 | 3 1/2" | ITS3.56/1.4 |
| (2) 4-1/2 I10 | 3 1/2" | MIT4.4.5 |
| (2) 4-1/2 230 | 4 5/8" | MIT3.9.5-2 |
| (2) 11-7/8 I10 | 3 1/2" | MIT41.8.8 |
| (2) 11-7/8 230/360 | 4 5/8" | MIT3511.8.8-2 |
| (2) 11-7/8 560 | 7" | WPI411.8.8-2* |
| (2) 14 230/360 | 4 5/8" | MIT351.4-2 |
| (2) 14 560 | 7" | WPI414.8.8-2* |

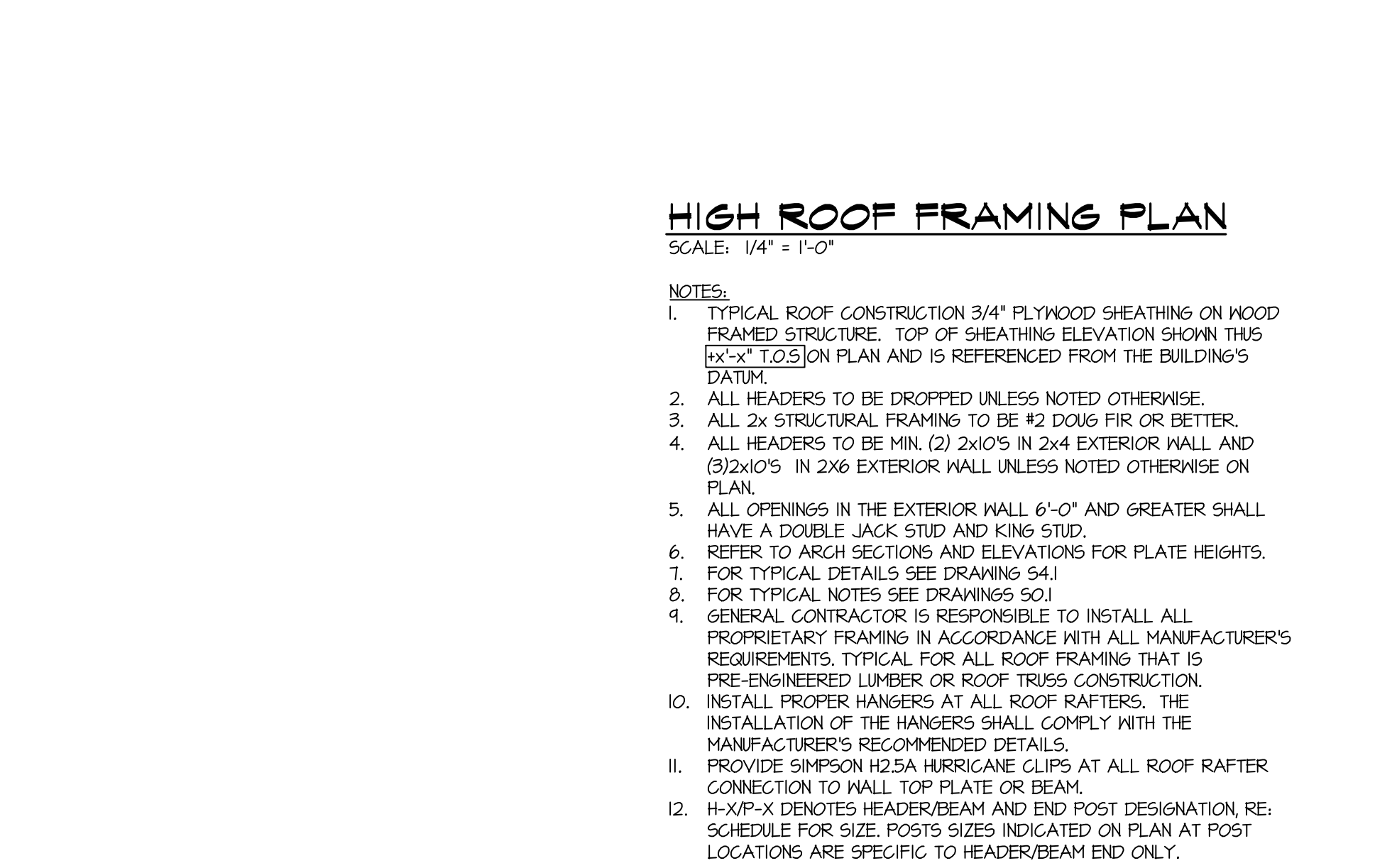
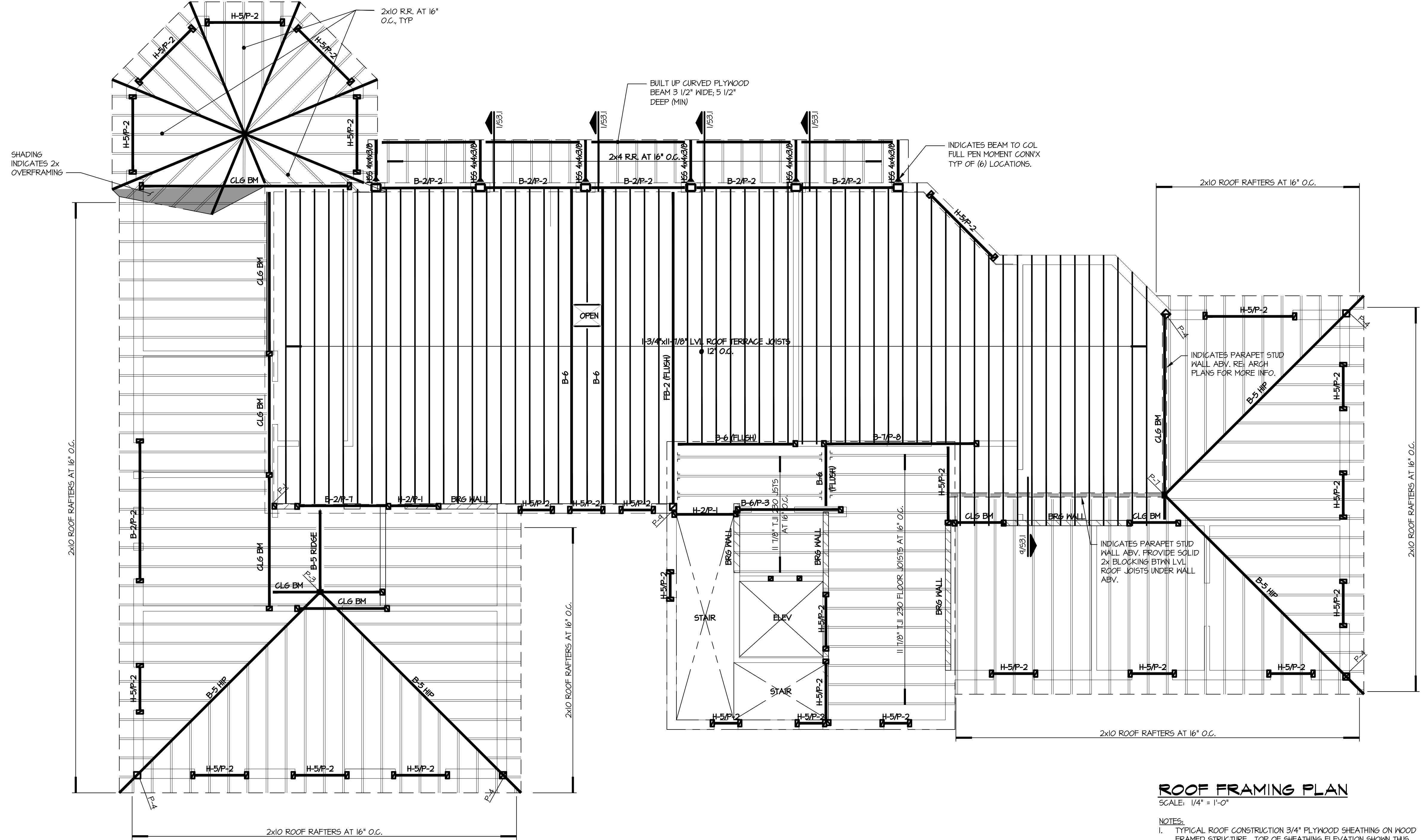
| BEAM SCHEDULE | |
|---------------|------------------|
| B-1 | 1-3/4x9-1/2 LVL |
| B-2 | 3-1/2x9-1/2 PSL |
| B-3 | 5-1/4x9-1/2 PSL |
| B-4 | 7x9-1/2 PSL |
| B-5 | 1-3/4x11-7/8 LVL |
| B-6 | 3-1/2x11-7/8 PSL |
| B-7 | 5-1/4x11-7/8 PSL |
| B-8 | 7x11-7/8 PSL |
| B-9 | 1-3/4x14 LVL |
| B-10 | 3-1/2x14 PSL |
| B-11 | 5-1/4x14 PSL |
| B-12 | 7x14 PSL |
| B-13 | 1-3/4x16 LVL |
| B-14 | 3-1/2x16 PSL |
| B-15 | 5-1/4x16 PSL |
| B-16 | 7x16 PSL |

| HANGER SCHEDULE PRE-ENGINEERED BEAMS | |
|--------------------------------------|------------|
| 1-3/4x9-1/2 LVL | MIT4.5 |
| 3-1/2x9-1/2 PSL | 6LTV3.54 |
| 5-1/4x9-1/2 PSL | 6LTV5.54 |
| 1-3/4x11-7/8 LVL | MIT11.8.8 |
| 3-1/2x11-7/8 PSL | 6LTV3.511 |
| 5-1/4x11-7/8 PSL | HGLTV5.511 |
| 1-3/4x14 LVL | MIT15.1/4 |
| 3-1/2x14 PSL | 6LTV3.514 |
| 5-1/4x14 PSL | HGLTV5.514 |

| POST BASE SCHED. | |
|------------------|--------------------------|
| FB-44 | ABA44 SIMPSON - 4x4 POST |
| FB-66 | ABA66 SIMPSON - 6x6 POST |

| POST CAP SCHED. | |
|-----------------|-------------------------|
| PC-44 | CC44 SIMPSON - 4x4 POST |
| PC-66 | CC66 SIMPSON - 6x6 POST |

- NOTES:
- SEE STRUCTURAL NOTES FOR REQUIRED WOOD SPECIES AND GRADE.
 - PROVIDE 1/2" PLYWOOD SHIM BETWEEN EACH PLY. MATCH DEPTH OF HEADER.
 - FOR 2x8 MULTIPLE MEMBERS GLUE AND NAIL EACH PLY w/ (3) ROWS OF 16d NAILS AT 8" O.C.
 - FOR 2x10 AND 2x12 MULTIPLE MEMBERS GLUE AND NAIL EACH PLY w/ (4) ROWS OF 16d NAILS AT 8" O.C.
 - NAIL OR BOLT MULTIPLE LVL BEAMS AND HEADERS PER MANUFACTURER'S REQUIREMENTS.
 - PRE-ENGINEERED WOOD HEADERS MAY BE SUBSTITUTED FOR THE 2x WOOD HEADERS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.

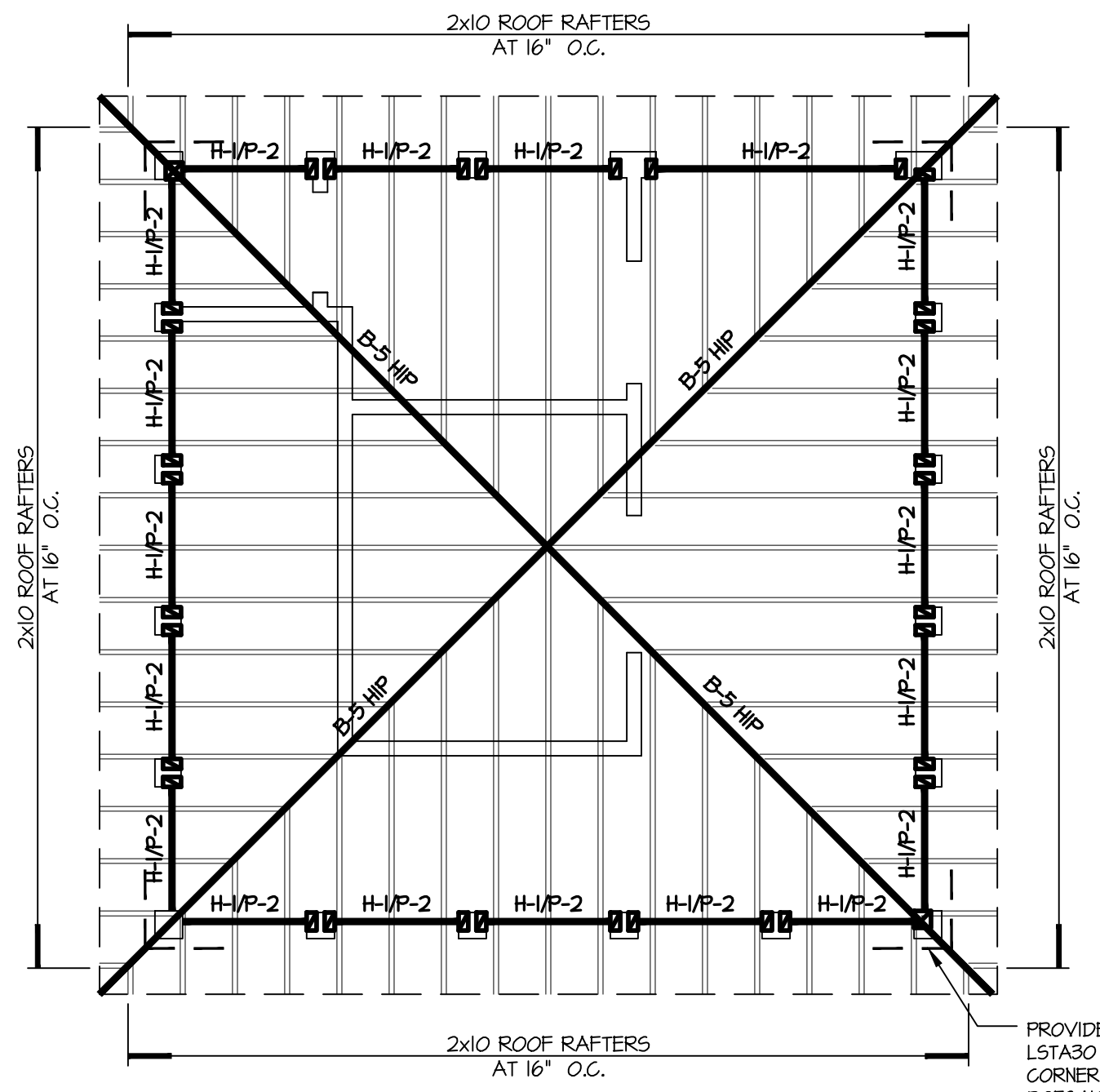


ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

- NOTES:
- TYPICAL ROOF CONSTRUCTION 3/4" PLYWOOD SHEATHING ON WOOD FRAMED STRUCTURE. TOP OF SHEATHING ELEVATION SHOWN THIS [X-X' T.O.S.] ON PLAN AND IS REFERENCED FROM THE BUILDING'S DATUM.
 - ALL HEADERS TO BE DROPPED UNLESS NOTED OTHERWISE.
 - ALL 2x STRUCTURAL FRAMING TO BE #2 DOUG FIR OR BETTER.
 - ALL HEADERS TO BE MIN. (2) 2x10'S IN 2x4 EXTERIOR WALL AND (3) 2x10'S IN 2x6 EXTERIOR WALL UNLESS NOTED OTHERWISE ON PLAN.
 - ALL OPENINGS IN THE EXTERIOR WALL 6'-0" AND GREATER SHALL HAVE A DOUBLE JACK STUD AND KING STUD.
 - REFER TO ARCH SECTIONS AND ELEVATIONS FOR PLATE HEIGHTS.
 - FOR TYPICAL DETAILS SEE DRAWING S4.1
 - FOR TYPICAL NOTES SEE DRAWINGS S0.1
 - GENERAL CONTRACTOR IS RESPONSIBLE TO INSTALL ALL PROPRIETARY FRAMING IN ACCORDANCE WITH ALL MANUFACTURER'S REQUIREMENTS TYPICAL FOR ALL ROOF FRAMING THAT IS PRE-ENGINEERED LUMBER OR ROOF TRUSS CONSTRUCTION.
 - INSTALL PROPER HANGERS AT ALL ROOF RAFTERS. THE INSTALLATION OF THE HANGERS SHALL COMPLY WITH THE MANUFACTURER'S RECOMMENDED DETAILS.
 - PROVIDE SIMPSON H2.5A HURRICANE CLIPS AT ALL ROOF RAFTER CONNECTION TO WALL TOP PLATE OR BEAM.
 - H-X/P-X DENOTES HEADER/BEAM AND END POST DESIGNATION. RE: SCHEDULE FOR SIZE. POSTS SIZES INDICATED ON PLAN AT POST LOCATIONS ARE SPECIFIC TO HEADER/BEAM END ONLY.

HIGH ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

- NOTES:
- TYPICAL ROOF CONSTRUCTION 3/4" PLYWOOD SHEATHING ON WOOD FRAMED STRUCTURE. TOP OF SHEATHING ELEVATION SHOWN THIS [X-X' T.O.S.] ON PLAN AND IS REFERENCED FROM THE BUILDING'S DATUM.
 - ALL HEADERS TO BE DROPPED UNLESS NOTED OTHERWISE.
 - ALL 2x STRUCTURAL FRAMING TO BE #2 DOUG FIR OR BETTER.
 - ALL HEADERS TO BE MIN. (2) 2x10'S IN 2x4 EXTERIOR WALL AND (3) 2x10'S IN 2x6 EXTERIOR WALL UNLESS NOTED OTHERWISE ON PLAN.
 - ALL OPENINGS IN THE EXTERIOR WALL 6'-0" AND GREATER SHALL HAVE A DOUBLE JACK STUD AND KING STUD.
 - REFER TO ARCH SECTIONS AND ELEVATIONS FOR PLATE HEIGHTS.
 - FOR TYPICAL DETAILS SEE DRAWING S4.1
 - FOR TYPICAL NOTES SEE DRAWINGS S0.1
 - GENERAL CONTRACTOR IS RESPONSIBLE TO INSTALL ALL PROPRIETARY FRAMING IN ACCORDANCE WITH ALL MANUFACTURER'S REQUIREMENTS TYPICAL FOR ALL ROOF FRAMING THAT IS PRE-ENGINEERED LUMBER OR ROOF TRUSS CONSTRUCTION.
 - INSTALL PROPER HANGERS AT ALL ROOF RAFTERS. THE INSTALLATION OF THE HANGERS SHALL COMPLY WITH THE MANUFACTURER'S RECOMMENDED DETAILS.
 - PROVIDE SIMPSON H2.5A HURRICANE CLIPS AT ALL ROOF RAFTER CONNECTION TO WALL TOP PLATE OR BEAM.
 - H-X/P-X DENOTES HEADER/BEAM AND END POST DESIGNATION. RE: SCHEDULE FOR SIZE. POSTS SIZES INDICATED ON PLAN AT POST LOCATIONS ARE SPECIFIC TO HEADER/BEAM END ONLY.



PROVIDE (2) SIMPSON LST30 STRAPS AT EA CORNER TOWER ROOF DOES NOT HAVE CEILING OR COLLAR TIES.

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| REVISIONS: | |
|------------|------------------|
| DATE: | NO. DESCRIPTION: |
| | |

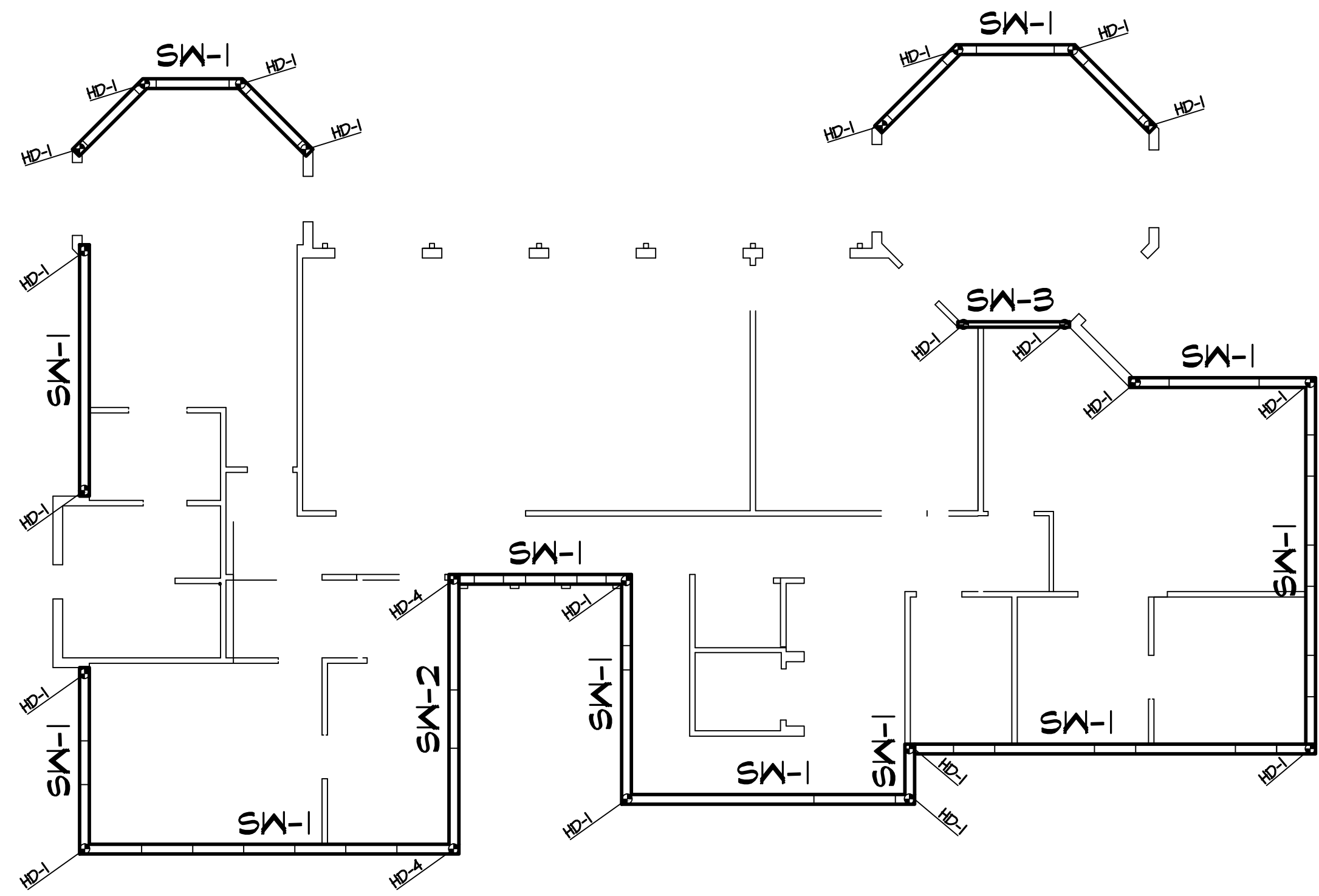
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| | |

| PROJECT NUMBER | |
|----------------|--|
| | 2507-00 |
| PROJECT NAME | |
| | MEYER RESIDENCE |
| ADDRESS | |
| | 1 LOU ROAD MONMOUTH BEACH, NJ 07750 |
| ZONING | |
| | |

| SEAL | |
|------|---|
| | CERTIFICATE OF AUTHORIZATION NO. 246128128000 |

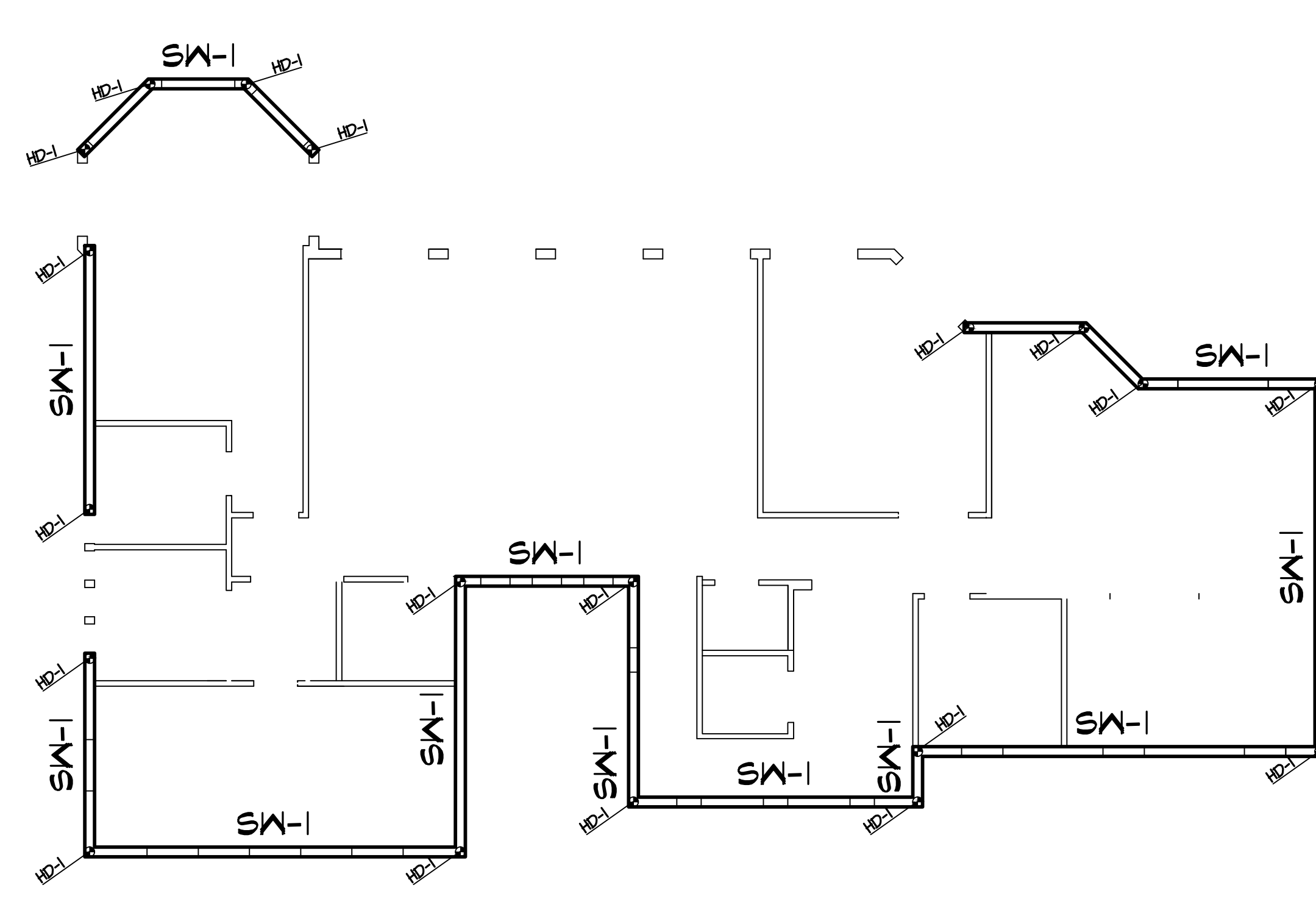
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|---------------|-------------------|
| | ROOF FRAMING PLAN |
| DATE | |
| | 05/11/16 |
| SCALE | |
| | |
| SHEET NUMBER | |
| | S1.5 |

FOUNDATION REVISIONS 08/17/16



FIRST FLOOR SHEAR WALL PLAN
SCALE: 1/8" = 1'-0"

- NOTES:
1. SW-X INDICATES WOOD SHEAR WALL, RE: SCHEDULE FOR INFO.
2. HD-X INDICATES HOLD DOWN, RE: SCHEDULE FOR INFO.



SECOND FLOOR SHEAR WALL PLAN
SCALE: 1/8" = 1'-0"

- NOTES:
1. SW-X INDICATES WOOD SHEAR WALL, RE: SCHEDULE FOR INFO.
2. HD-X INDICATES HOLD DOWN, RE: SCHEDULE FOR INFO.

| SHEAR WALL SCHEDULE | | | | | | | | | |
|---------------------|-------------------|---------|---------------------------------------|---------------------|-------------------|---------|--------------------------------------|---------------------|---------------------------|
| SHEAR WALL NUMBER | SIDE ONE | | | | SIDE TWO | | | | TOTAL SHEAR VALUE (LB/FT) |
| | SHEATHING TYPE | BLOCKED | FASTENERS | SHEAR VALUE (LB/FT) | SHEATHING TYPE | BLOCKED | FASTENERS | SHEAR VALUE (LB/FT) | |
| SW-1 | 7/16" OSB | YES | 8D COMMON NAILS AT 6" AT SHEET EDGES | 335 | | | | | 335 |
| SW-2 | 7/16" OSB | YES | 8D COMMON NAILS AT 4" AT SHEET EDGES | 645 | 1/2" GYPSUM BOARD | YES | 5D COOLER NAILS AT 1" O.C. | 125 | 770 |
| SW-3 | 1/2" GYPSUM BOARD | YES | 5D COOLER NAILS AT 4" O.C. | 125 | 1/2" GYPSUM BOARD | YES | 5D COOLER NAILS AT 1" O.C. | 125 | 250 |
| SW-4 | 1/2" GYPSUM BOARD | NO | 5D COOLER NAILS AT 1" O.C. | | 1/2" GYPSUM BOARD | NO | 5D COOLER NAILS AT 1" O.C. | 100 | 490 200 |
| SW-5 | 7/16" OSB | YES | 8D COMMON NAILS AT 4" AT SHEET EDGES | 490 | 7/16" OSB | YES | 8D COMMON NAILS AT 4" AT SHEET EDGES | 490 | 980 |
| SW-6 | 15/32" OSB | YES | 8D COMMON NAILS AT 4" AT SHEET EDGES | 532 | | | | | 532 |
| SW-7 | 15/32" OSB | YES | 10D COMMON NAILS AT 4" AT SHEET EDGES | 645 | | | | | 645 |

- NOTES:
1. ALL PLYWOOD OR OSB SHEAR WALLS TO HAVE 12" o.c. FIELD SPACINGS.
2. ALL PLYWOOD OR OSB SHEAR WALLS STUDS TO BE SPACED AT 16" o.c. MAX.
3. ALL PLYWOOD OR OSB SHEAR WALLS TO HAVE 1 1/2" MINIMUM NAIL PENETRATION IN FRAMING.
4. ALL WIND RESISTANT ANCHORS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF THE SHEATHING.
5. ALL SIZES AND LOADS BASED ON THE IRC 2009 NJ EDITION.
6. ALL PLYWOOD SHEATHING IS TO OVERLAP BAND JOIST/PLATE BETWEEN FLOORS.
7. ALL WOOD SHEATHING TO BE C-D OR C-C GRADE OR BETTER.
8. PLYWOOD MAY BE SUBSTITUTED FOR OSB TYPICALLY. THICKER SHEATHING MATERIALS MAY ALSO BE USED WITH NO REDUCTION IN LOAD CAPACITY INDICATED.

| HOLD DOWN SCHEDULE | | | |
|--------------------|--|--|--------------------------|
| HOLD DOWN NUMBER | HOLD DOWN DESCRIPTION | | HOLD DOWN CAPACITY (LBS) |
| HD-1 | SIMPSON M5TA24 STRAPPING | 18-10d NAILS | 1640 LB |
| HD-1A | SIMPSON HTT16 | 18-16d NAILS & 3/8" DIAMETER BOLT OR ALL THREAD ROD | 3400 LB |
| HD-2 | SIMPSON CS16 STRAP TIE 14" END LENGTH | 26-8d NAILS | 1105 LB |
| HD-2A | SIMPSON CS16 STRAP TIE 14" END LENGTH WRAP AROUND BM BELOW | 26-8d NAILS | 1705 LB |
| HD-3 | SIMPSON MSTC66 STRAP TIE 25" END LENGTH WRAP AROUND BM BELOW | 64-16d NAILS | 5660 LB |
| HD-4 | SIMPSON HDU4-SD525 | 10 SDS SCREWS 1/4"x2 1/2" & 3/8" DIAMETER ALL THREAD ROD | 4565 LB |

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KEYPLAN

| REVISIONS: | |
|------------|------------------|
| DATE: | NO. DESCRIPTION: |
| | |

PROJECT NUMBER
2507-00

PROJECT NAME
MEYER RESIDENCE
1 LORR ROAD
MONMOUTH BEACH, NJ 07750

PHASE
ZONING

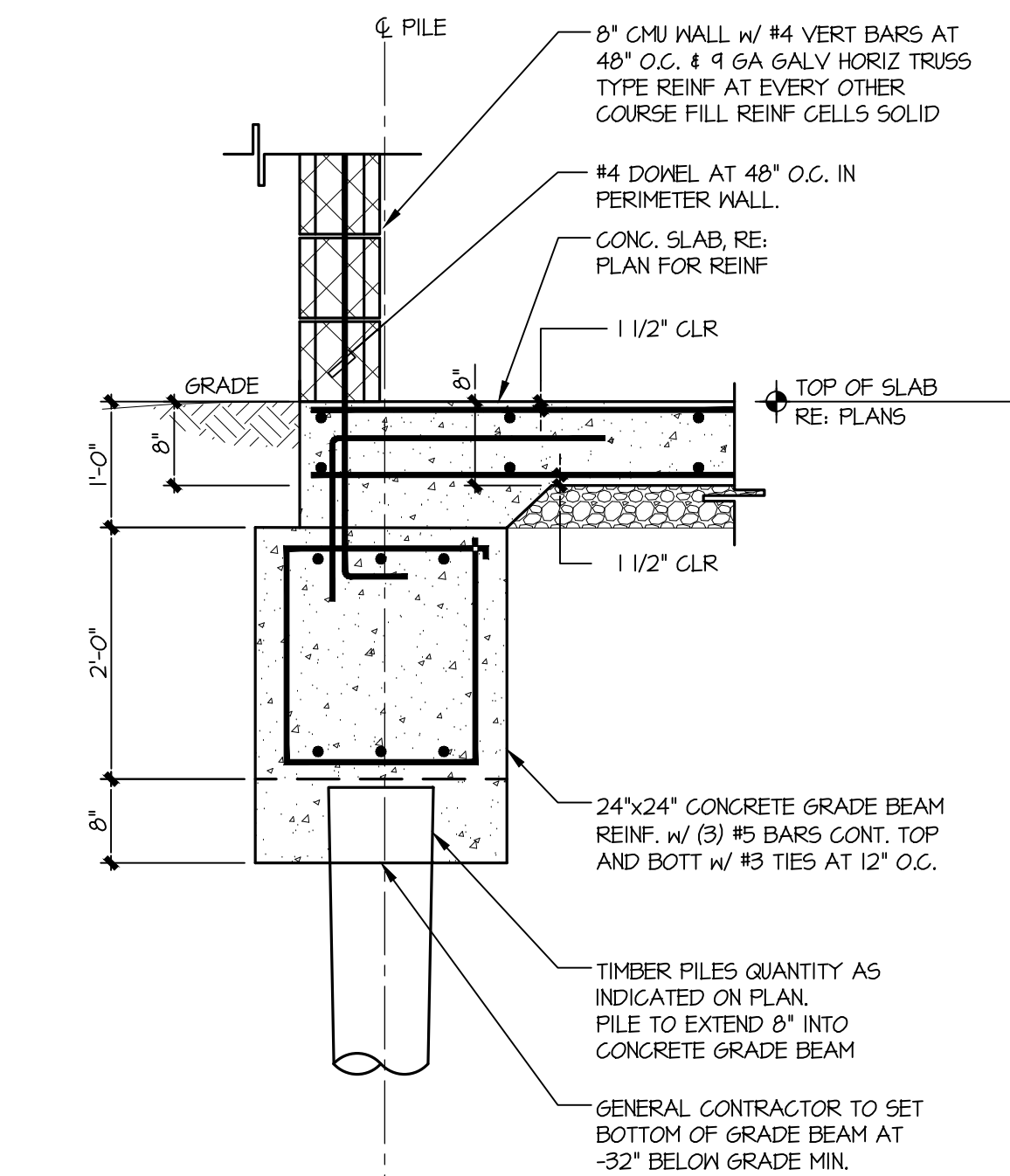
SEAL
CERTIFICATE OF AUTHORIZATION NO. 24612812800
PATRICK M. CORWIN
NEW JERSEY PROFESSIONAL ENGINEER
EXPIRES 12/31/2025

DRAWING TITLE
SHEAR WALL PLANS

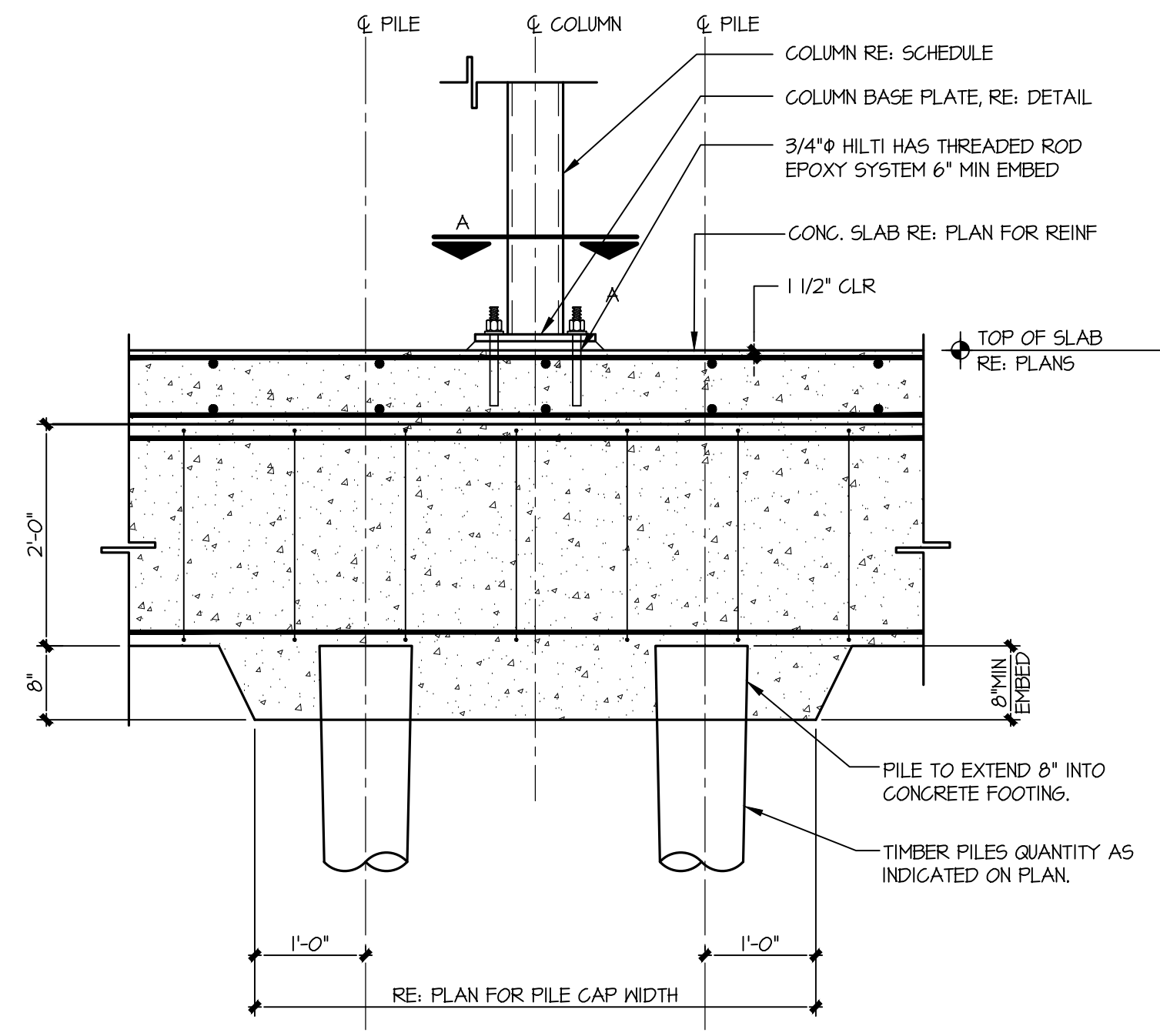
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S1.6

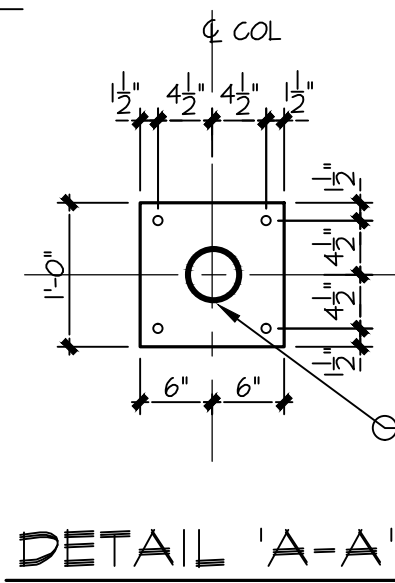
FOUNDATION REVISIONS 08/17/16



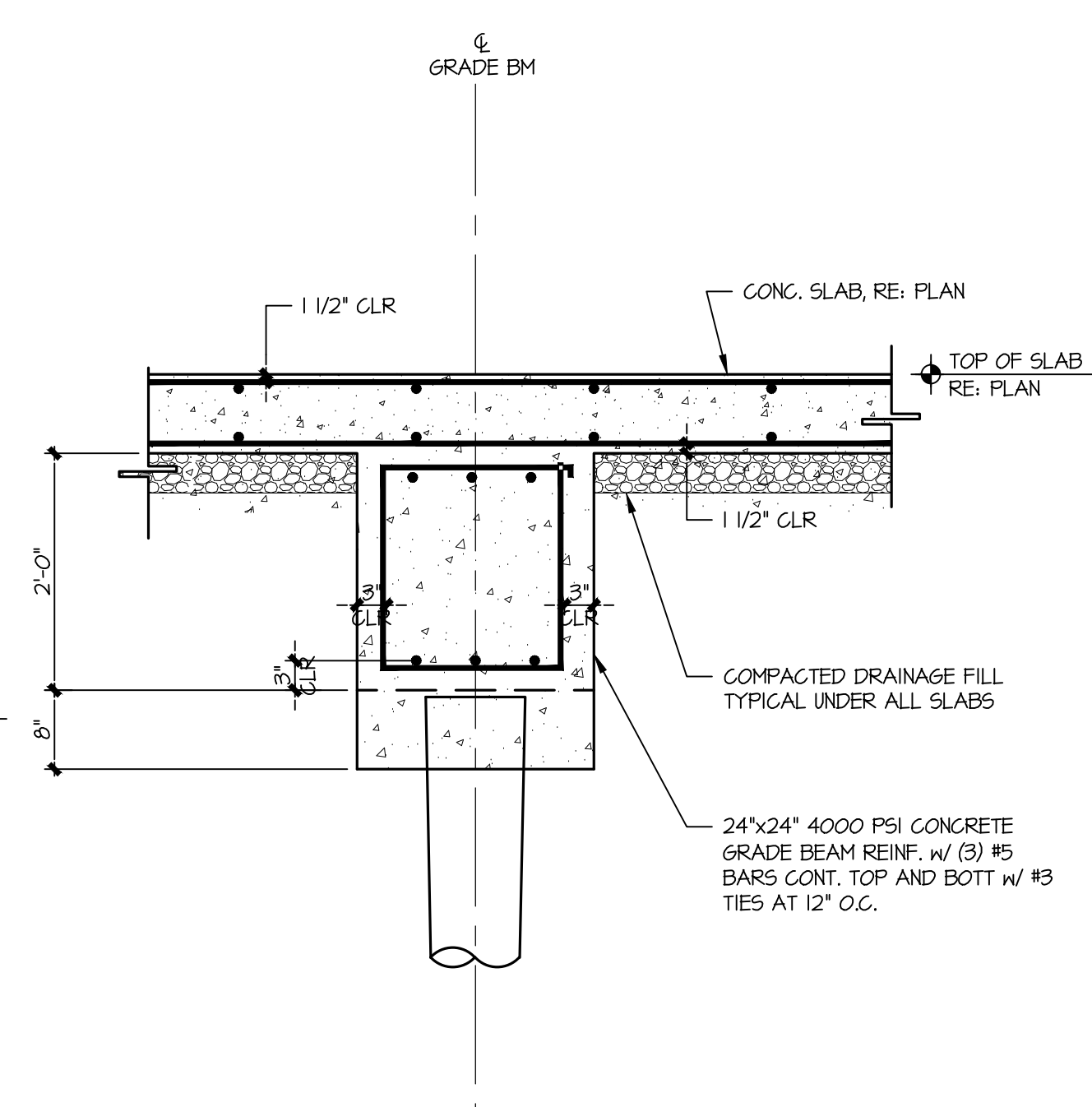
1 DETAIL AT GRADE BEAM
SCALE: 3/4" = 1'-0"



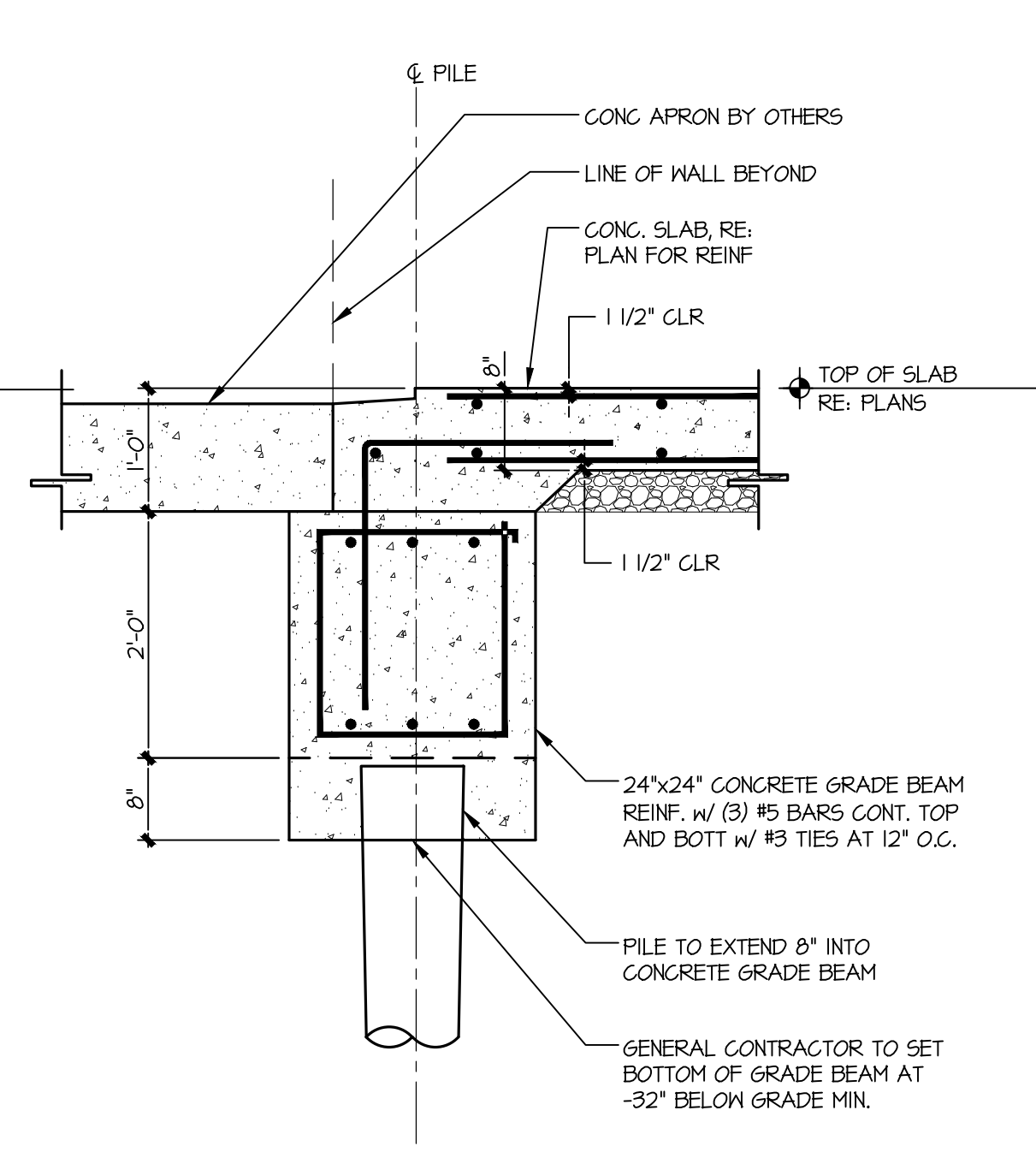
2 DETAIL AT INTERIOR PILE FOOTING
SCALE: 3/4" = 1'-0"



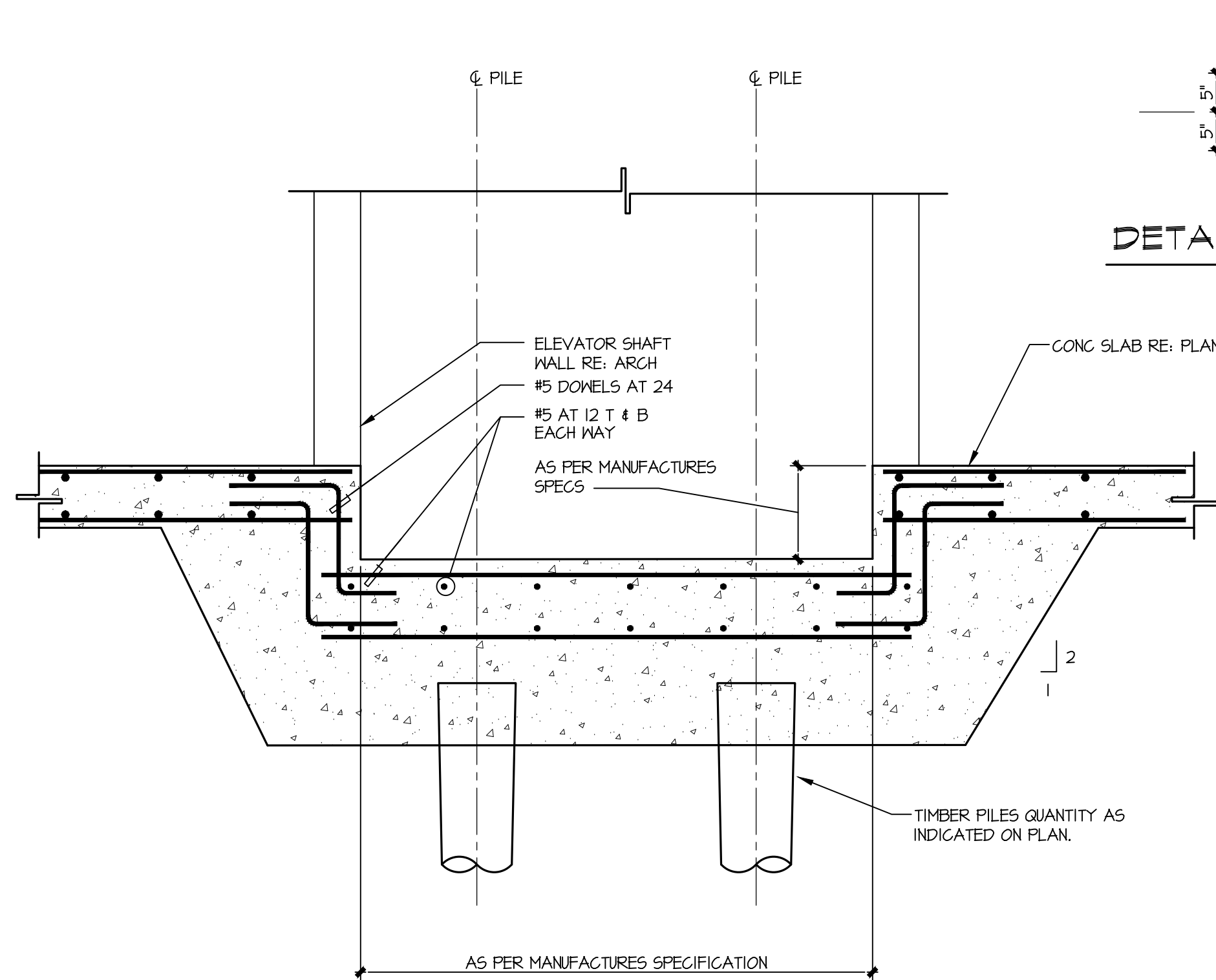
DETAIL 'A-A'



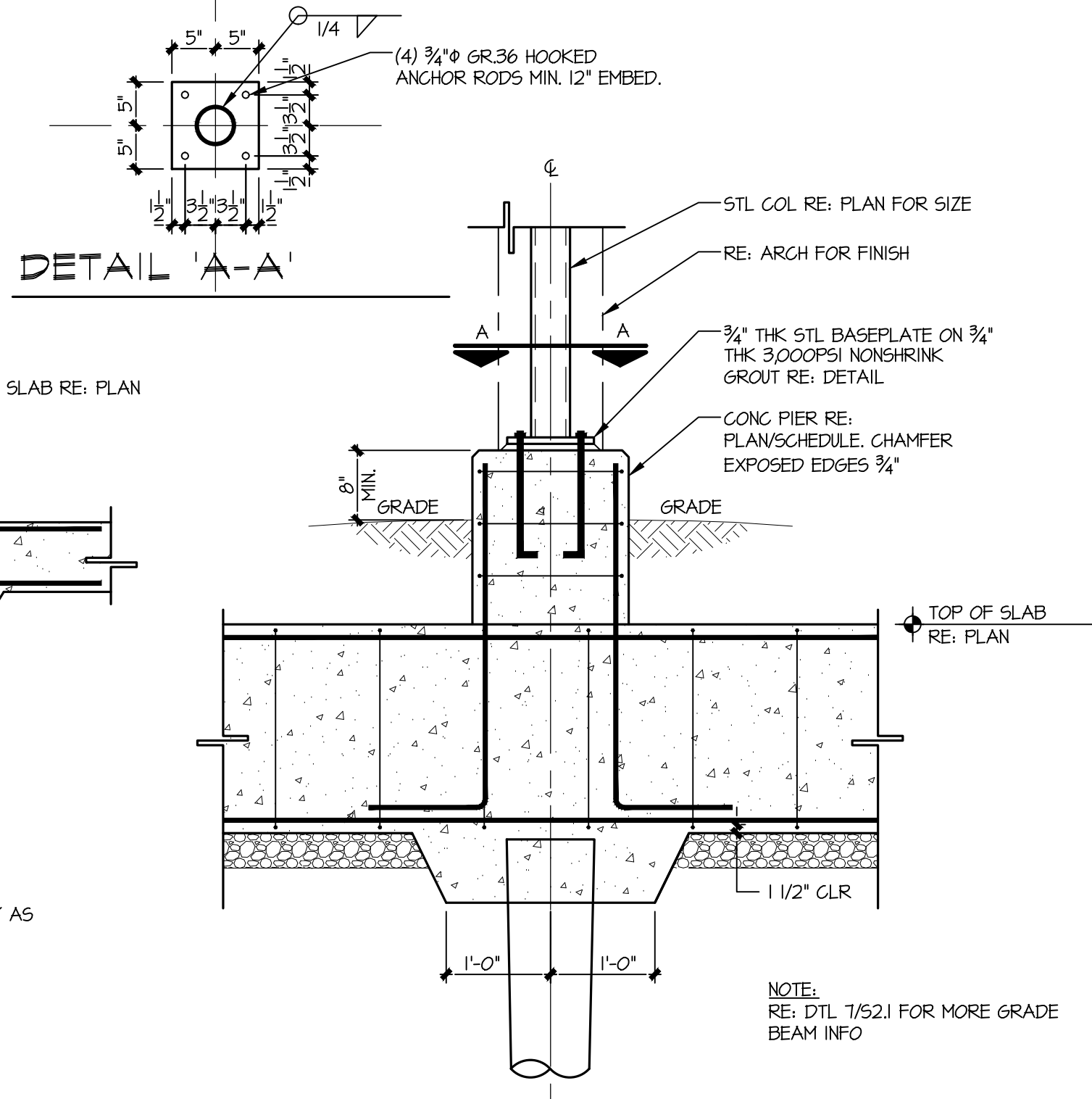
3 DETAIL AT INTERIOR GRADE BEAM
SCALE: 3/4" = 1'-0"



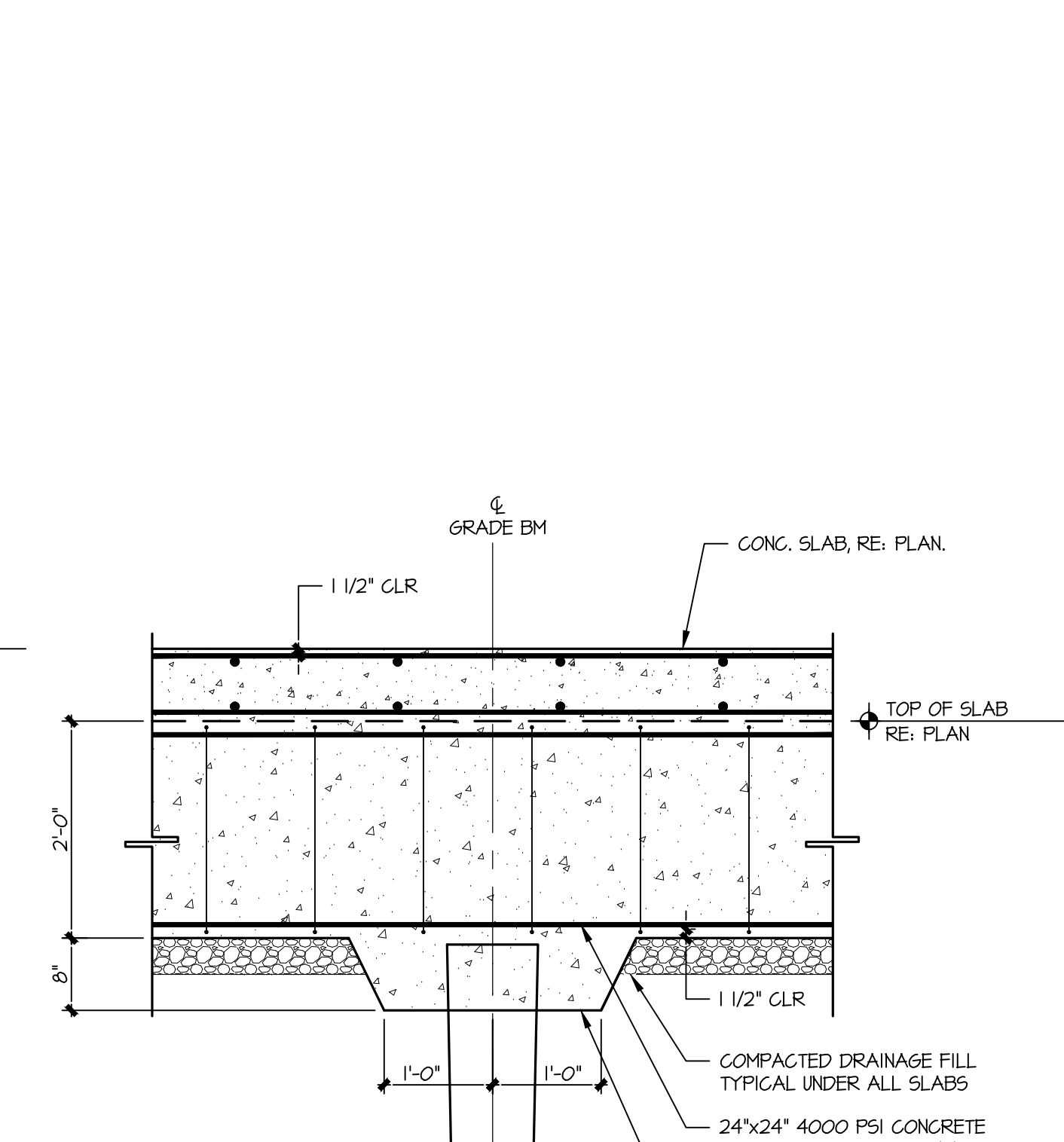
4 DETAIL AT GARAGE DOOR
SCALE: 3/4" = 1'-0"



5 DETAIL AT ELEVATOR PIT W/ GAUGE METAL SHAFT
SCALE: 3/4" = 1'-0"



6 DETAIL AT DECK COLUMN
SCALE: 3/4" = 1'-0"



7 ALT - DETAIL AT PILE
SCALE: 3/4" = 1'-0"

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149 YELLOWBROOK ROAD FARMINGDALE, NJ 07727
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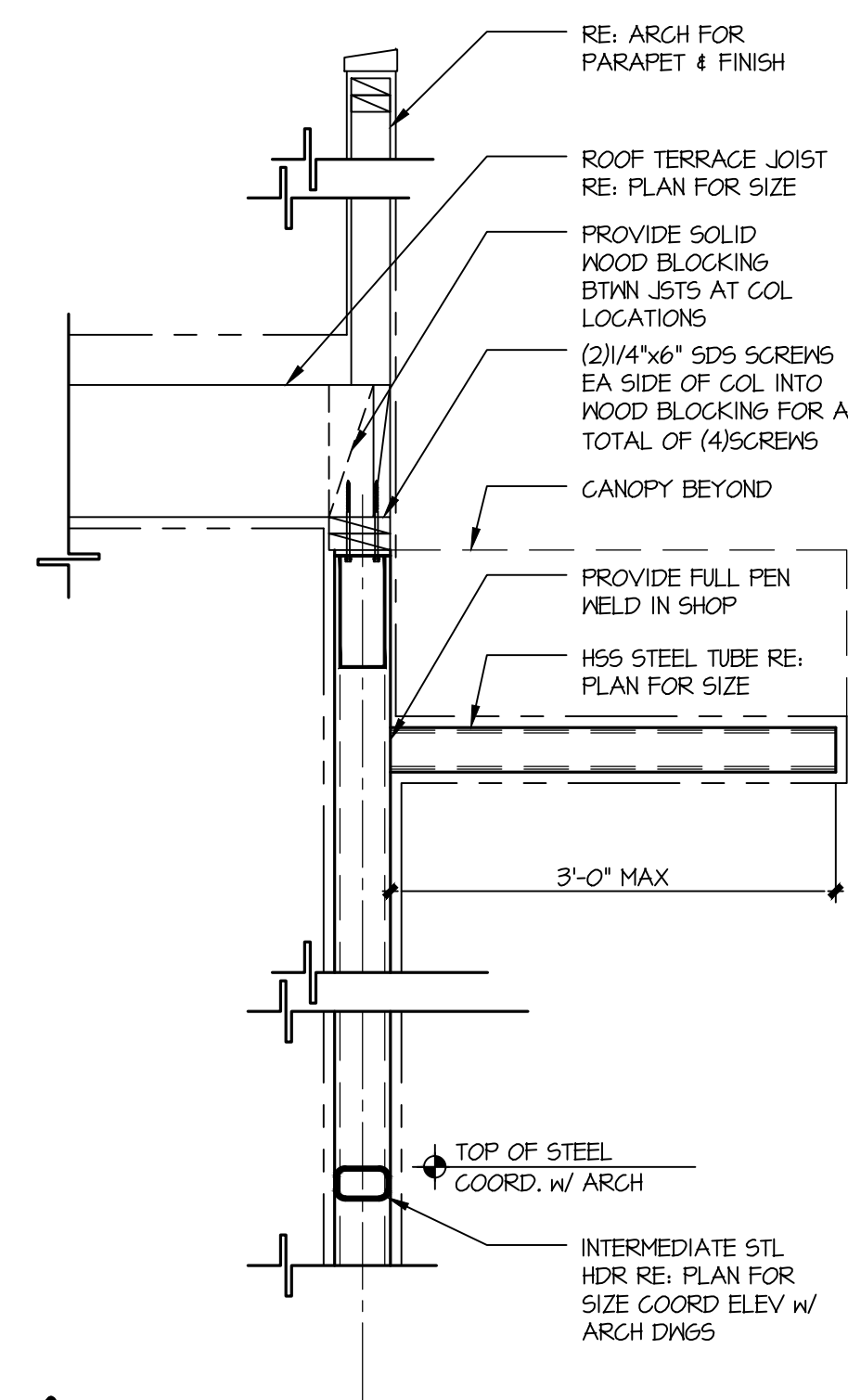
KEYPLAN

REVISIONS:

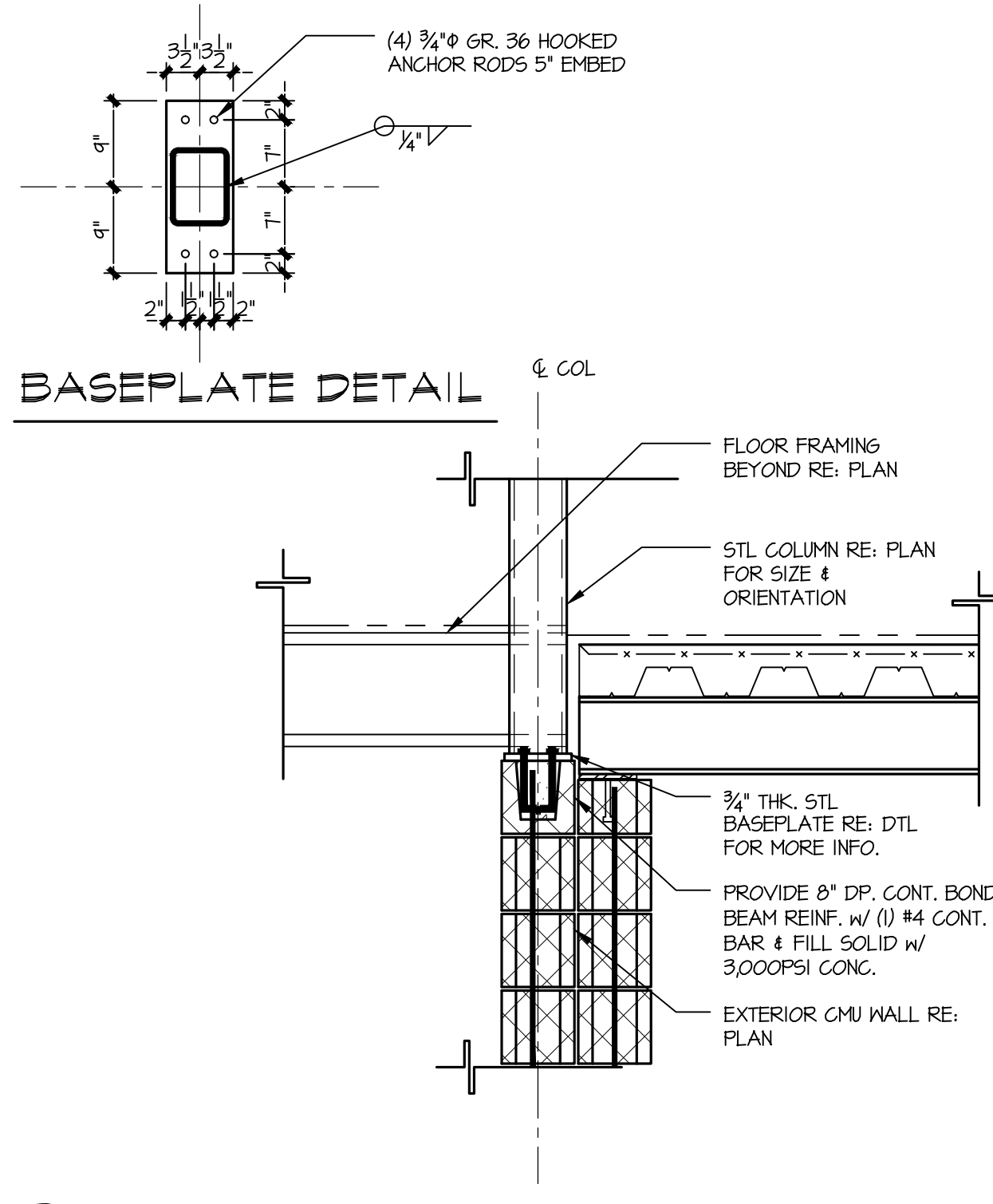
| DATE | NO. | DESCRIPTION |
|------|-----|-------------|
| | | |

PROJECT NUMBER: 2507-00
PROJECT NAME: MEYER RESIDENCE
1 LOR ROAD MONMOUTH BEACH, NJ 07750
PHASE: ZONING
SEAL: CERTIFICATE OF AUTHORIZATION NO. 2461A28128300
PATRICK S. CORWIN
NEW JERSEY PROFESSIONAL ENGINEER EXPIRES 12/31/2016
ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED EXCEPT WHERE SHOWN OTHERWISE AND IS NOT TO BE RELEASED TO THE PUBLIC WITHOUT THE WRITTEN AUTHORIZATION OF THE NATIONAL ARCHITECTURAL ARCHITECTS ASSOCIATION OF NEW JERSEY
DRAWING TITLE: FOUNDATIONS DETAILS
DATE: 05/11/16 SCALE:
SHEET NUMBER: S2.1

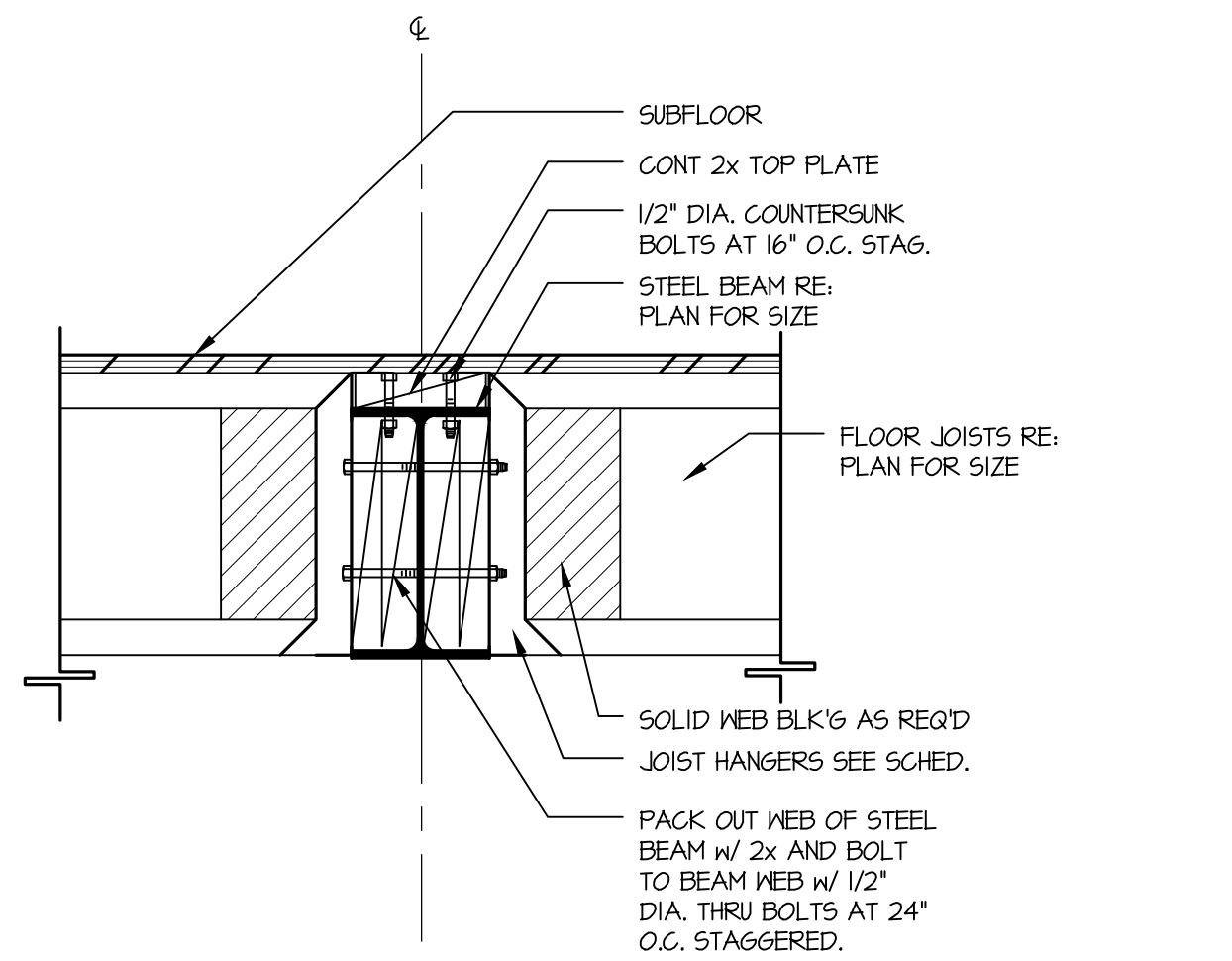
FOUNDATION REVISIONS 08/17/16



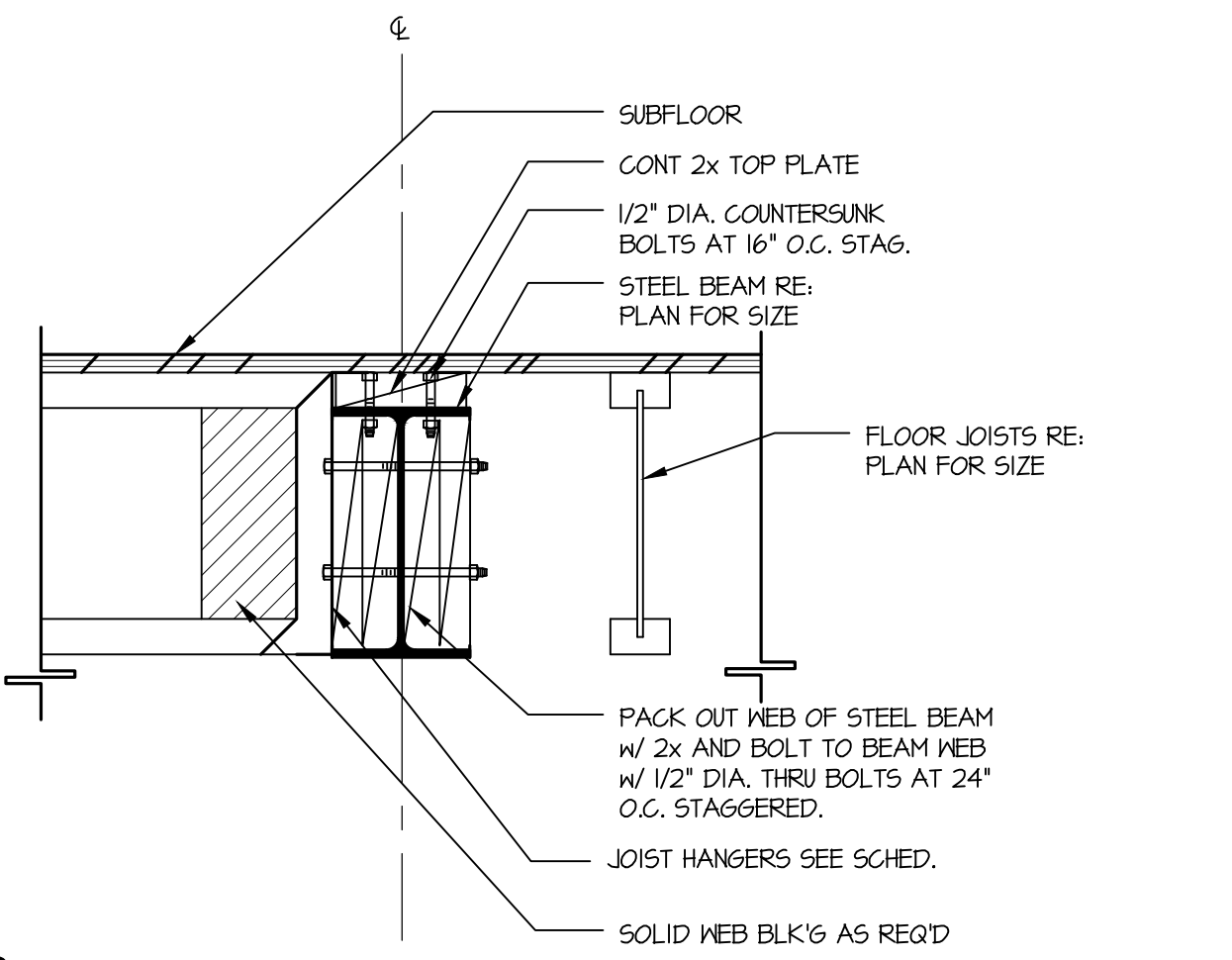
1 DETAIL AT CANOPY
SCALE: 3/4" = 1'-0"



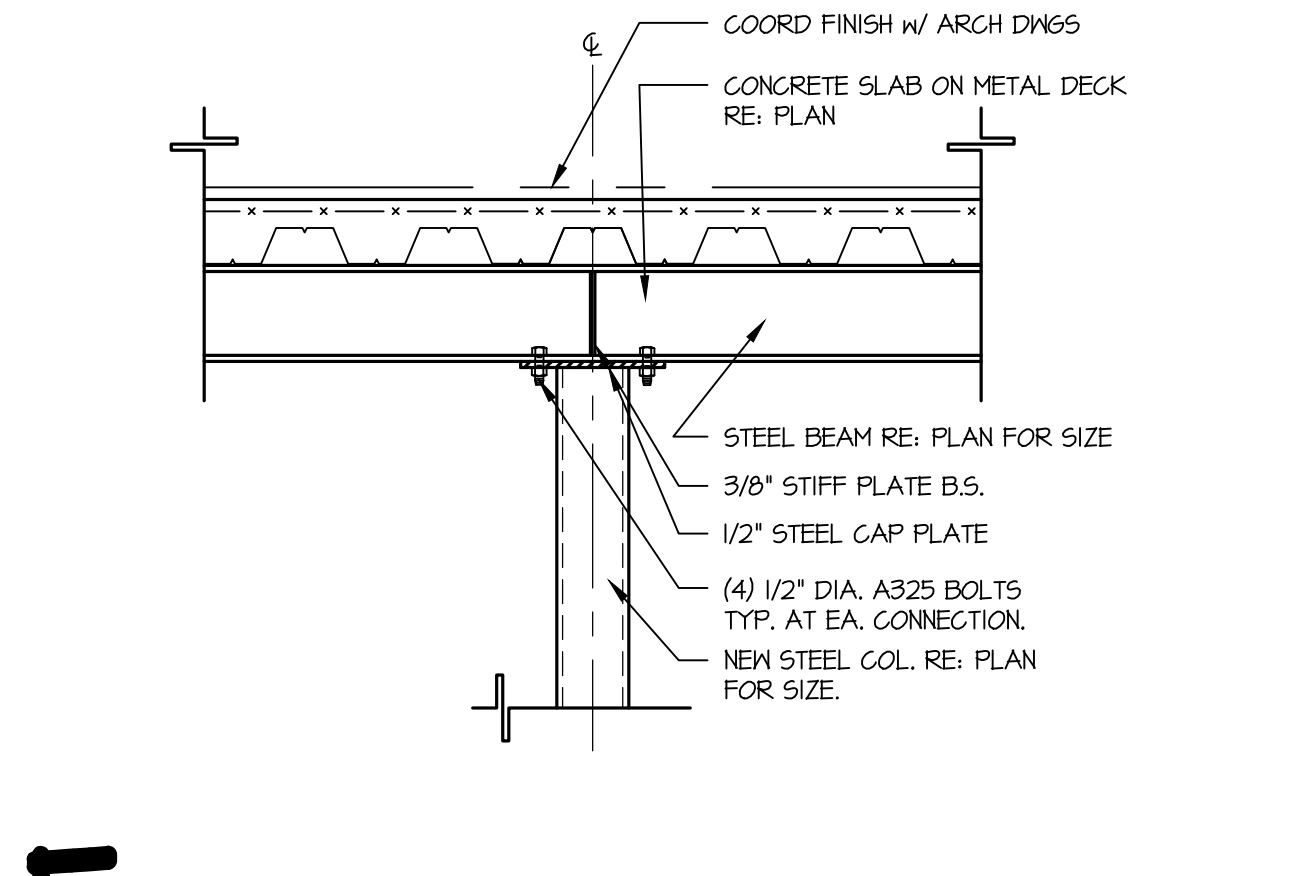
2 DETAIL AT CANOPY COLUMN
SCALE: 3/4" = 1'-0"



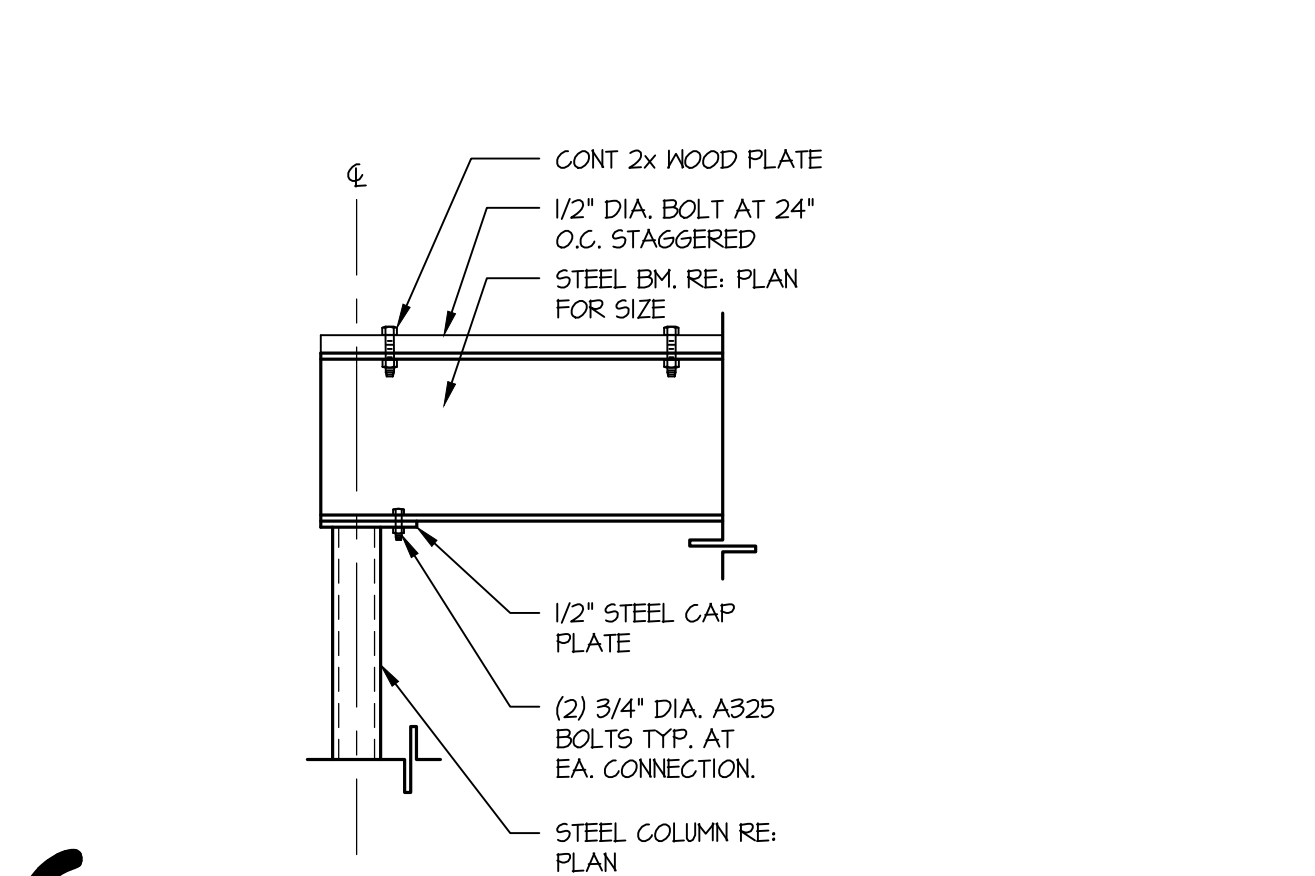
3 DETAIL AT STEEL BEAM FLUSH
SCALE: NTS



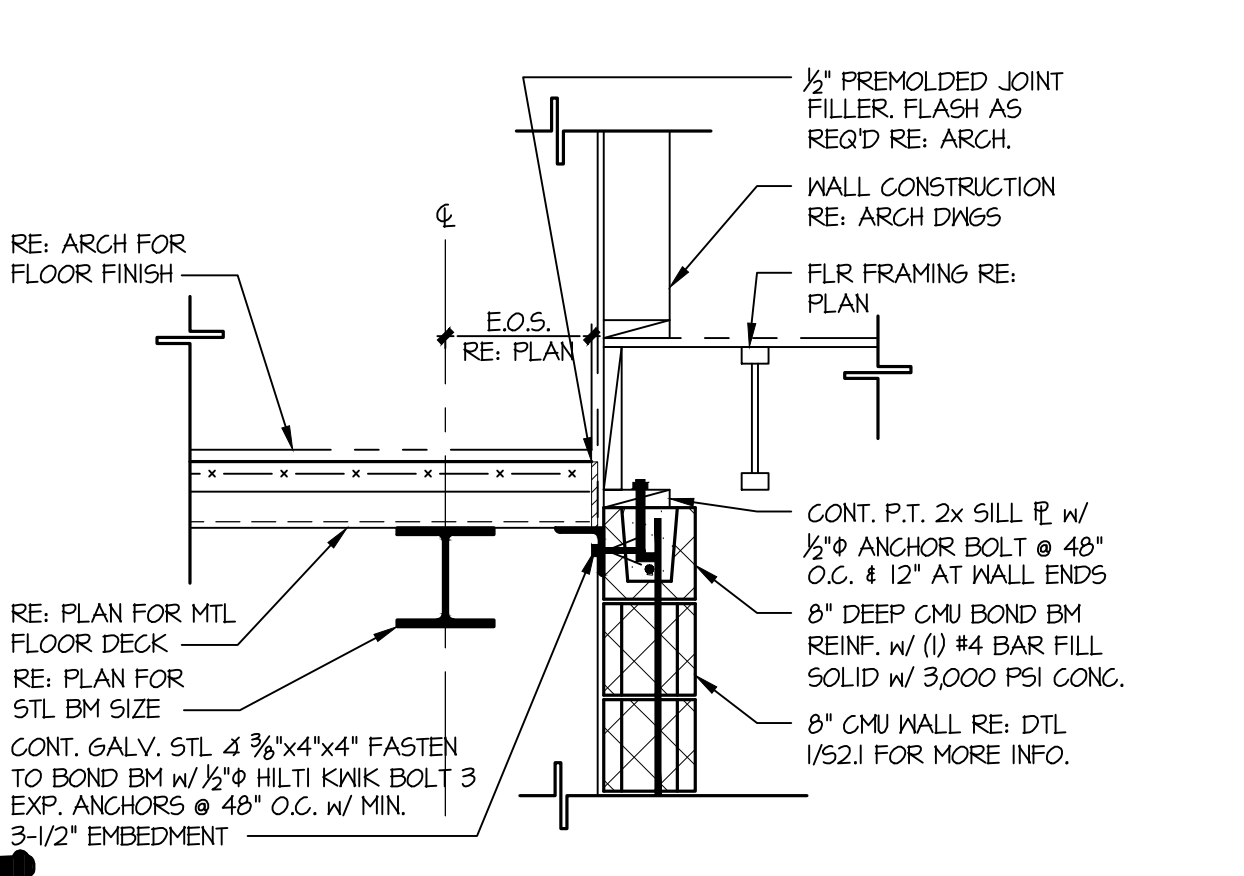
4 DETAIL AT STEEL BEAM FLUSH
SCALE: NTS



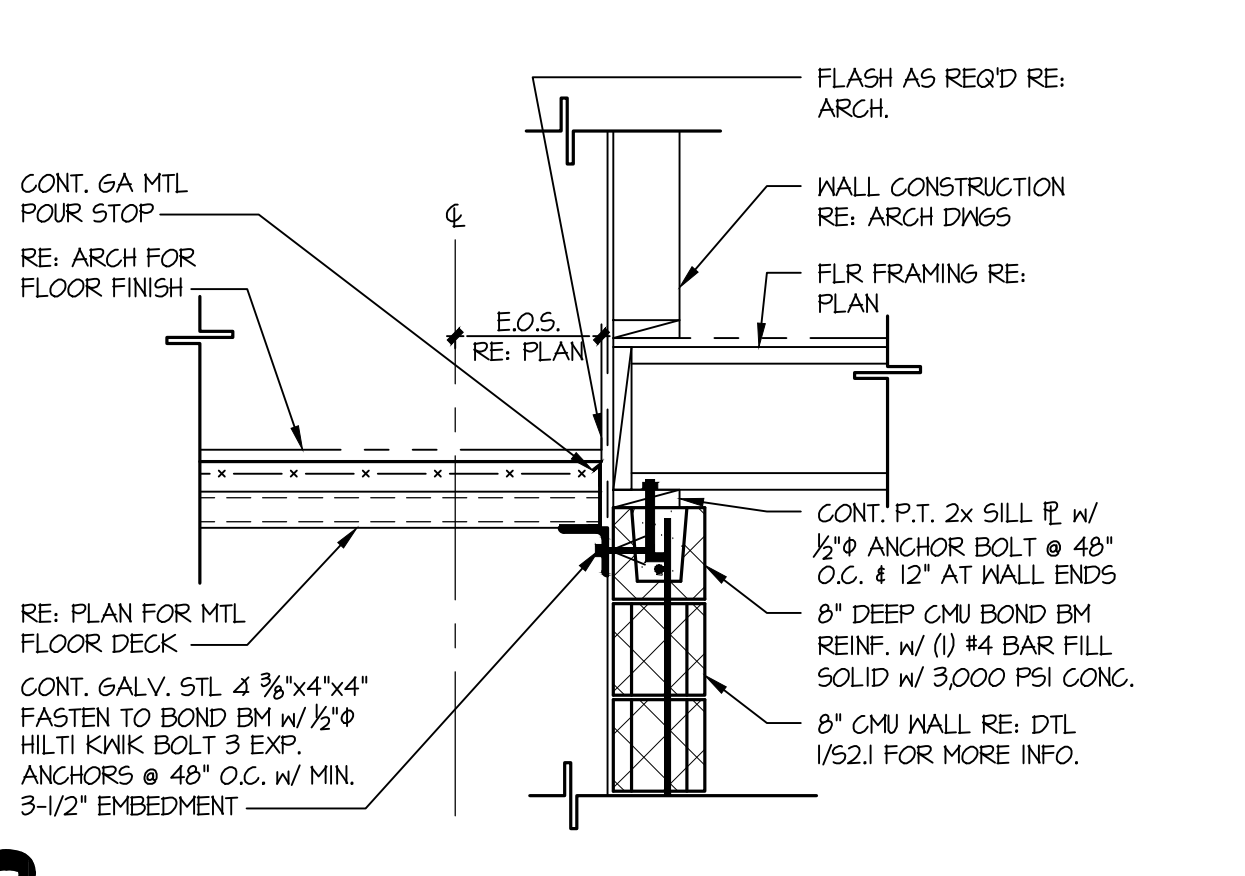
5 DETAIL AT BEAM TO COLUMN CONNX.
SCALE: 3/4" = 1'-0"



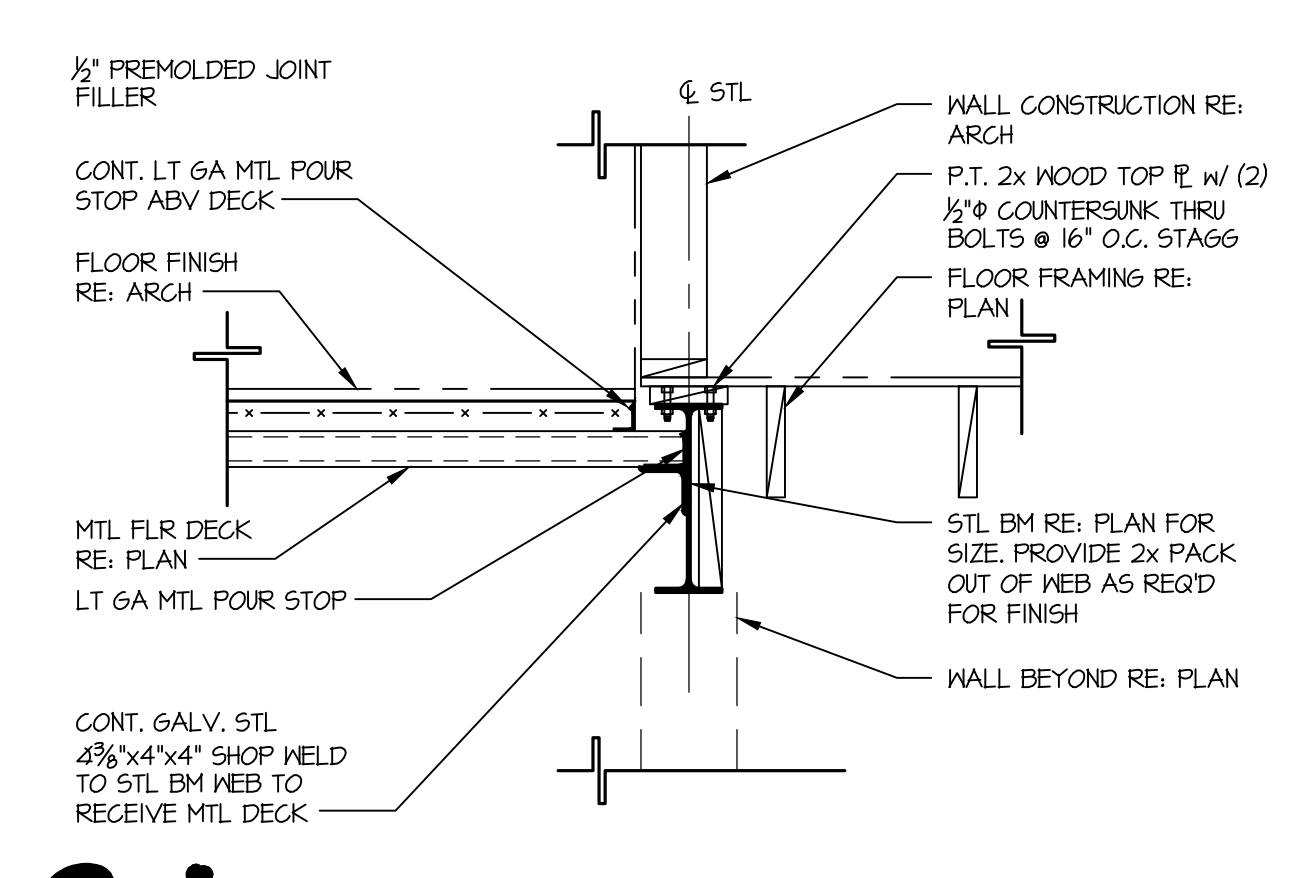
6 DETAIL AT BEAM TO COLUMN CONNX.
SCALE: 3/4" = 1'-0"



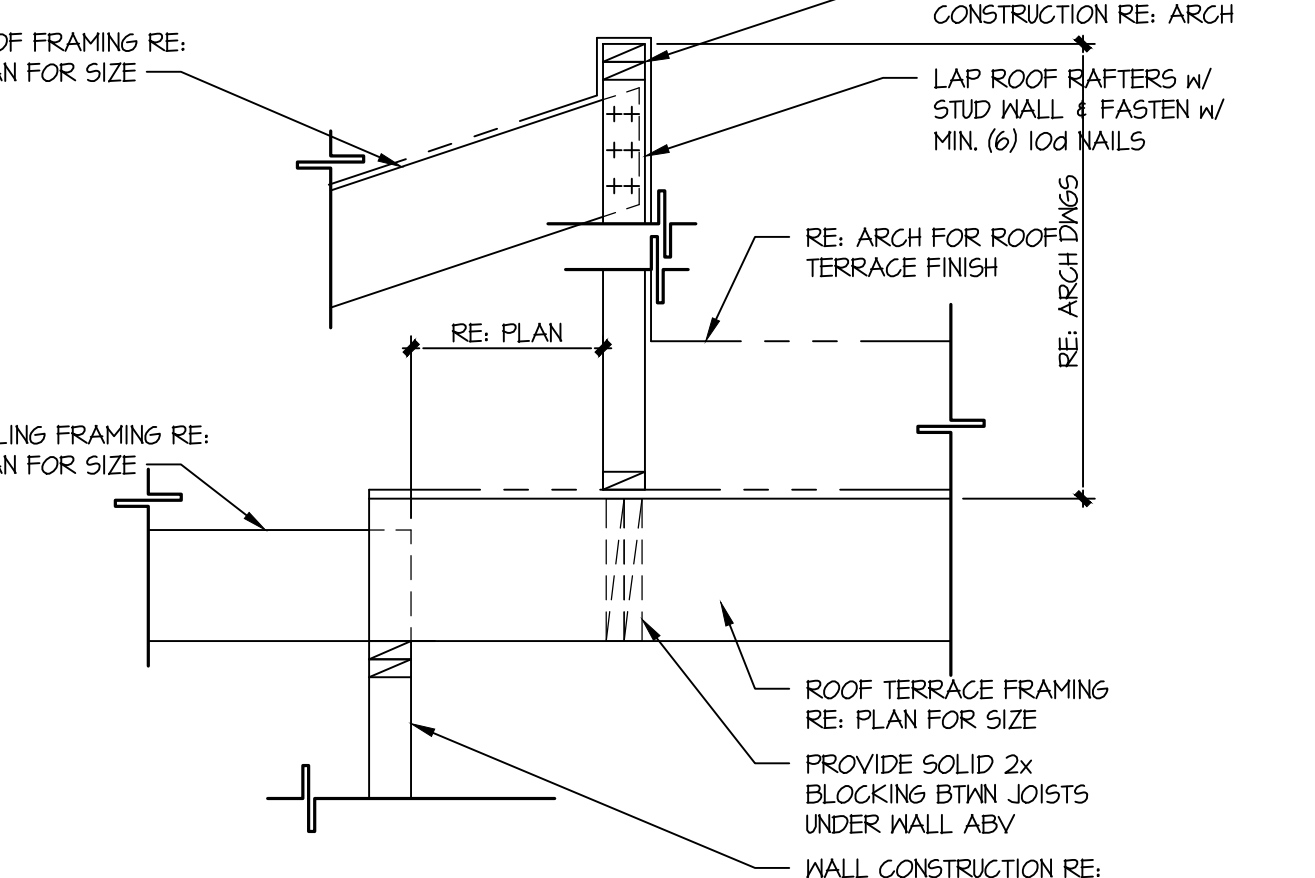
7 DETAIL AT EDGE OF SLAB
SCALE: 3/4" = 1'-0"



8 DETAIL AT EDGE OF SLAB
SCALE: 3/4" = 1'-0"



8A DETAIL AT EDGE OF SLAB
SCALE: 3/4" = 1'-0"



9 DETAIL AT ROOF TERRACE
SCALE: 3/4" = 1'-0"

KEYPLAN

REVISIONS:

| NO. | DESCRIPTION: |
|-----|--------------|
| | |
| | |
| | |

PROJECT NUMBER: 2507-00

PROJECT NAME: MEYER RESIDENCE

1 LOR ROAD
MONMOUTH BEACH, NJ 07750

PHASE: ZONING

SEAL: CERTIFICATE OF AUTHORIZATION NO. 2461A2128300

PROJECT NUMBER: 2507-00

PROJECT NAME: MEYER RESIDENCE

1 LOR ROAD
MONMOUTH BEACH, NJ 07750

PHASE: ZONING

SEAL: CERTIFICATE OF AUTHORIZATION NO. 2461A2128300

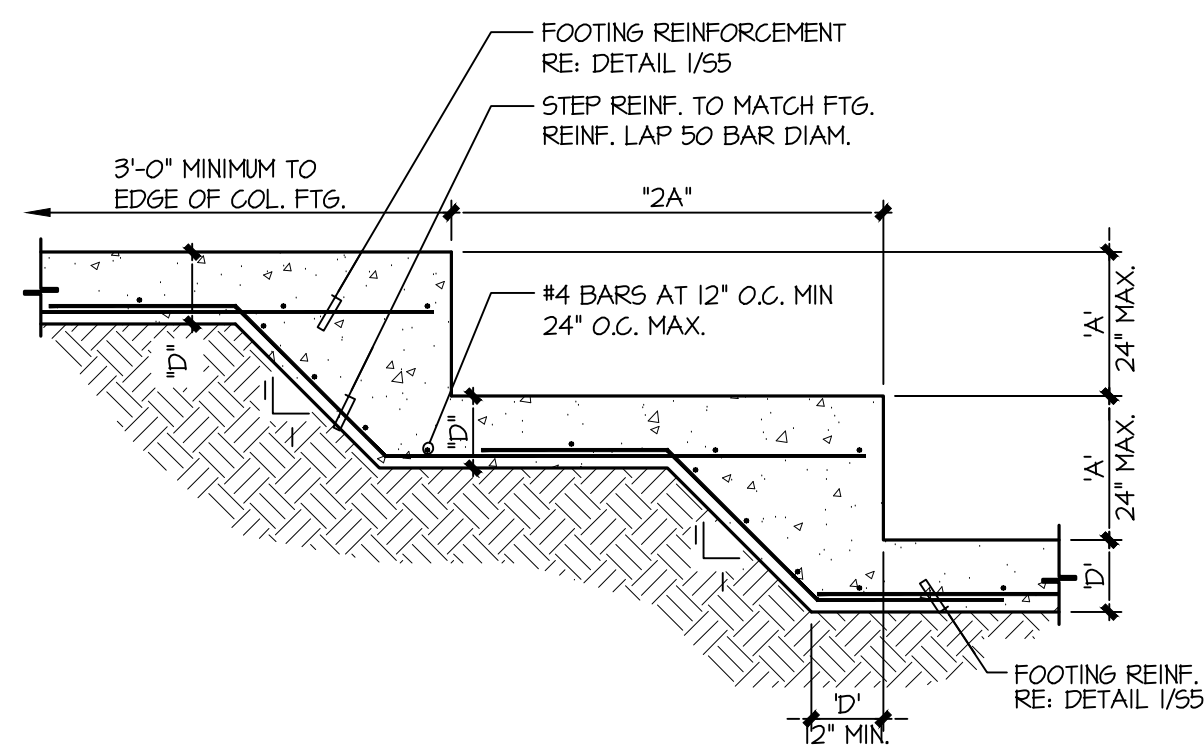
FOUNDATION REVISIONS 08/17/16

DRAWING TITLE: FRAMING DETAILS

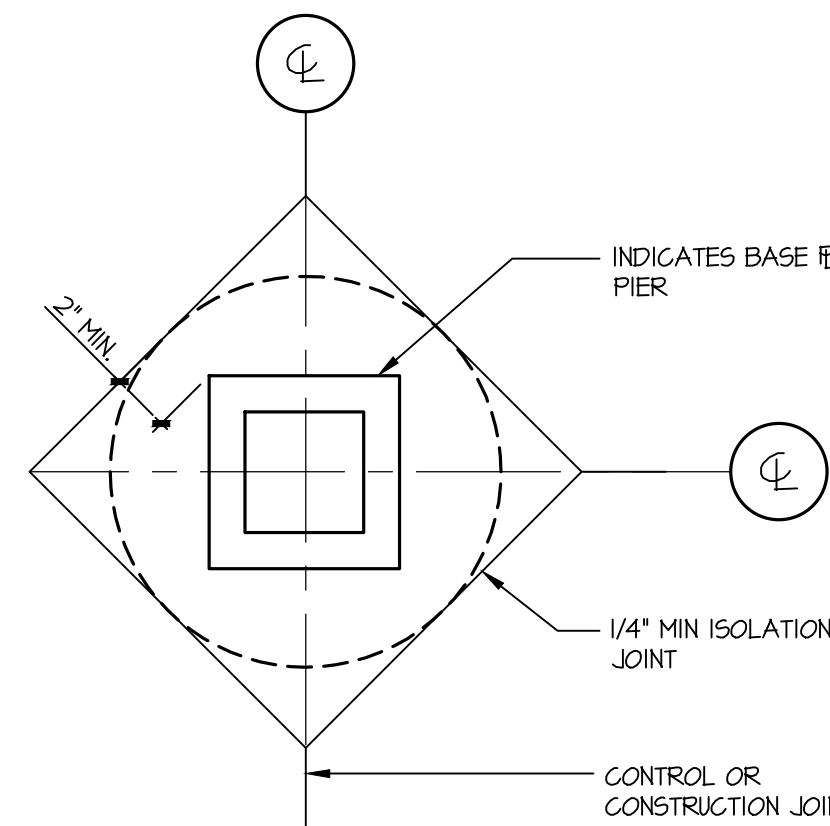
DATE: 05/11/16

SCALE:

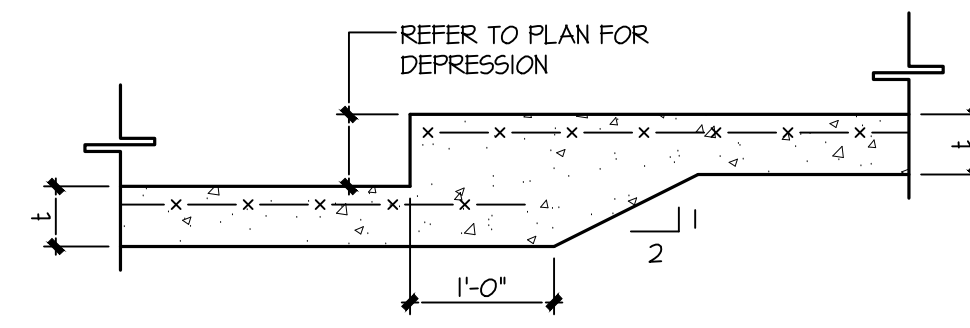
SHEET NUMBER: S3.1



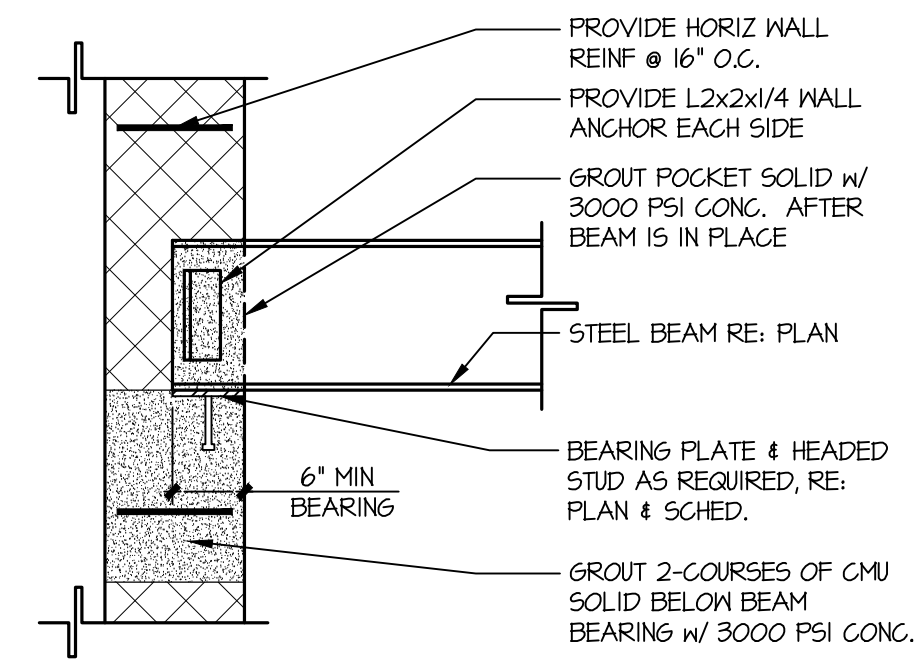
TYPICAL FOOTING STEP



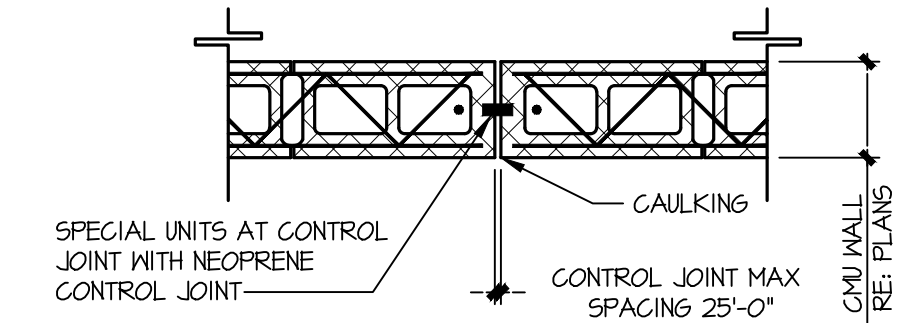
COLUMN ISOLATION JOINT DETAIL



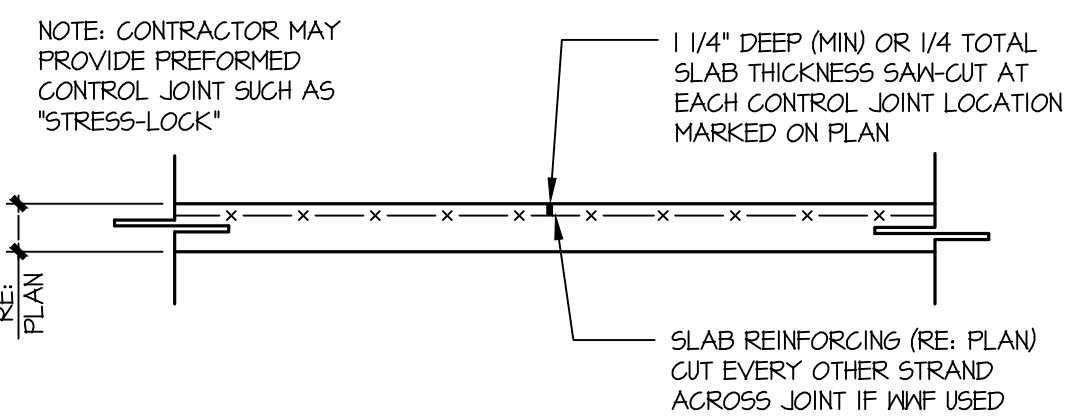
TYPICAL SLAB ON GRADE DEPRESSION DETAIL



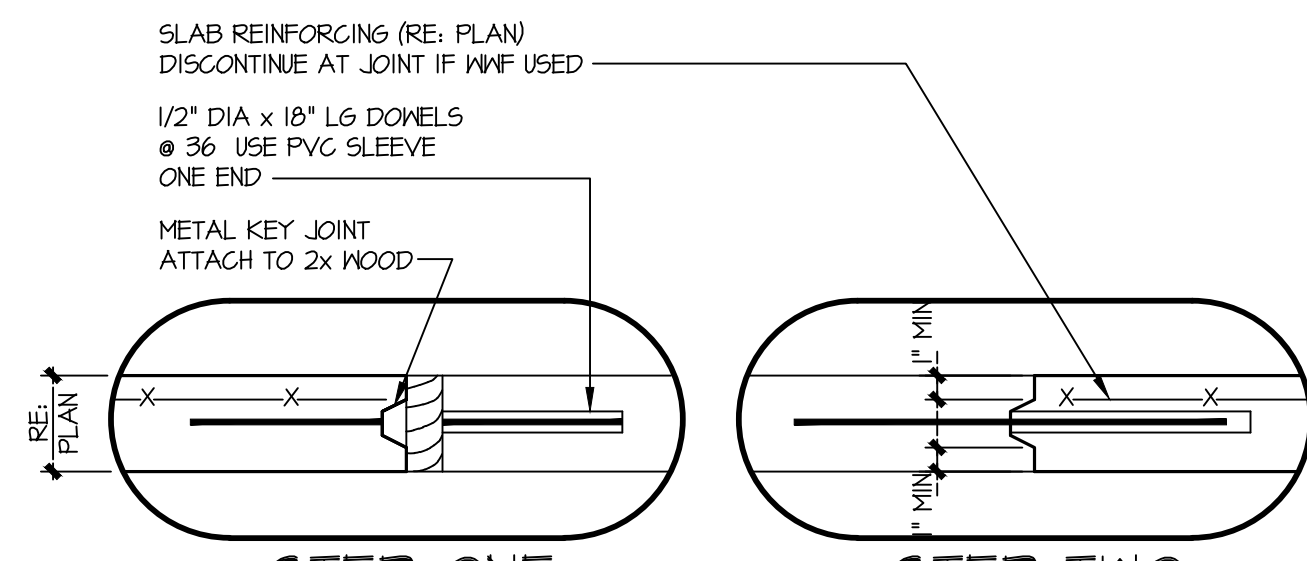
TYPICAL STEEL BEAM INTO CMU WALL DETAIL



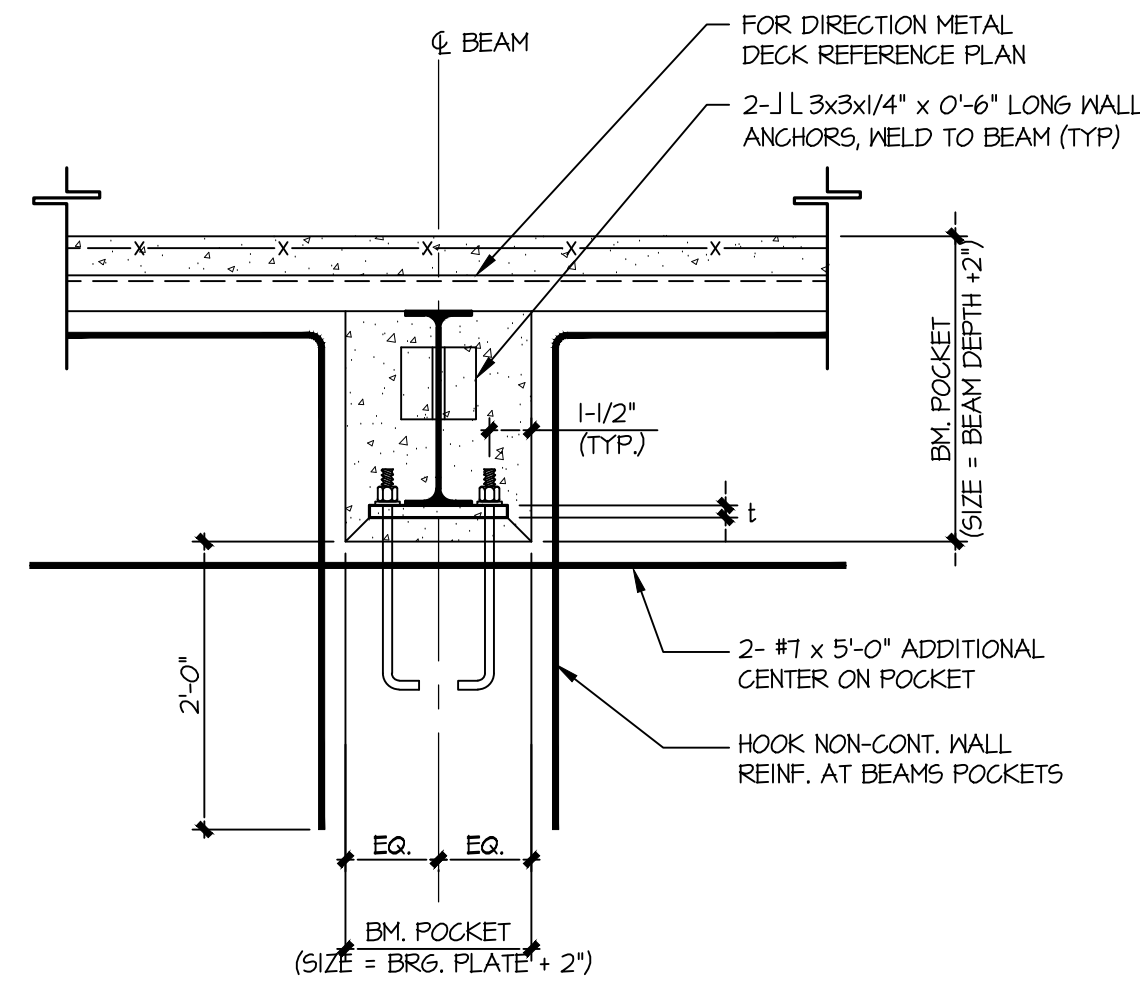
CONTROL JOINT DETAIL IN CMU WALL



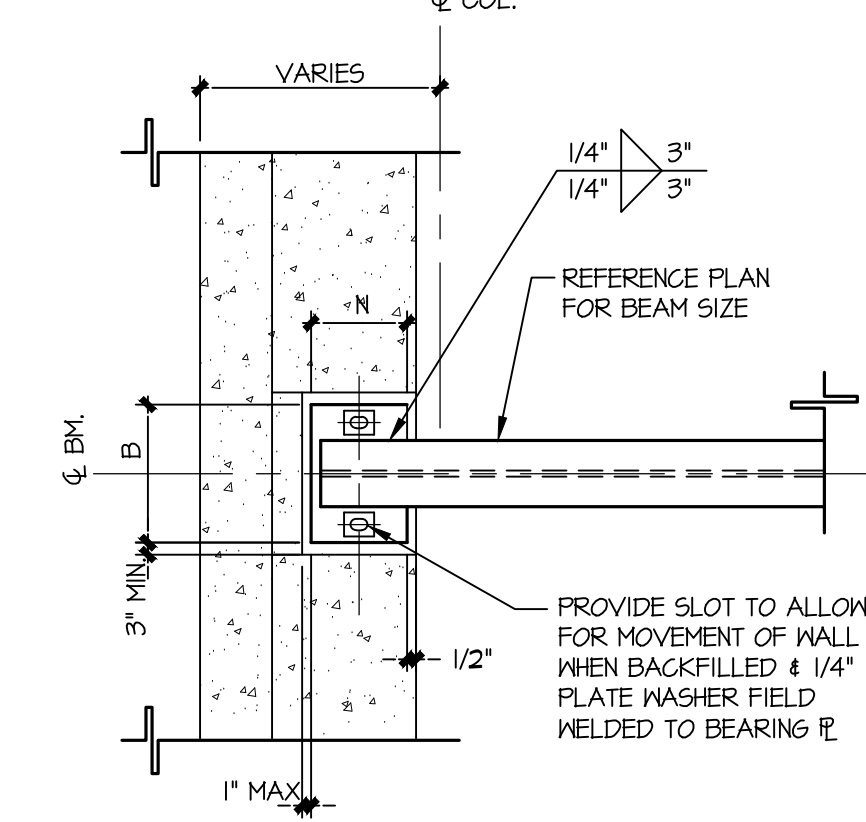
TYPICAL CONTROL JOINT



TYPICAL CONSTRUCTION JOINT

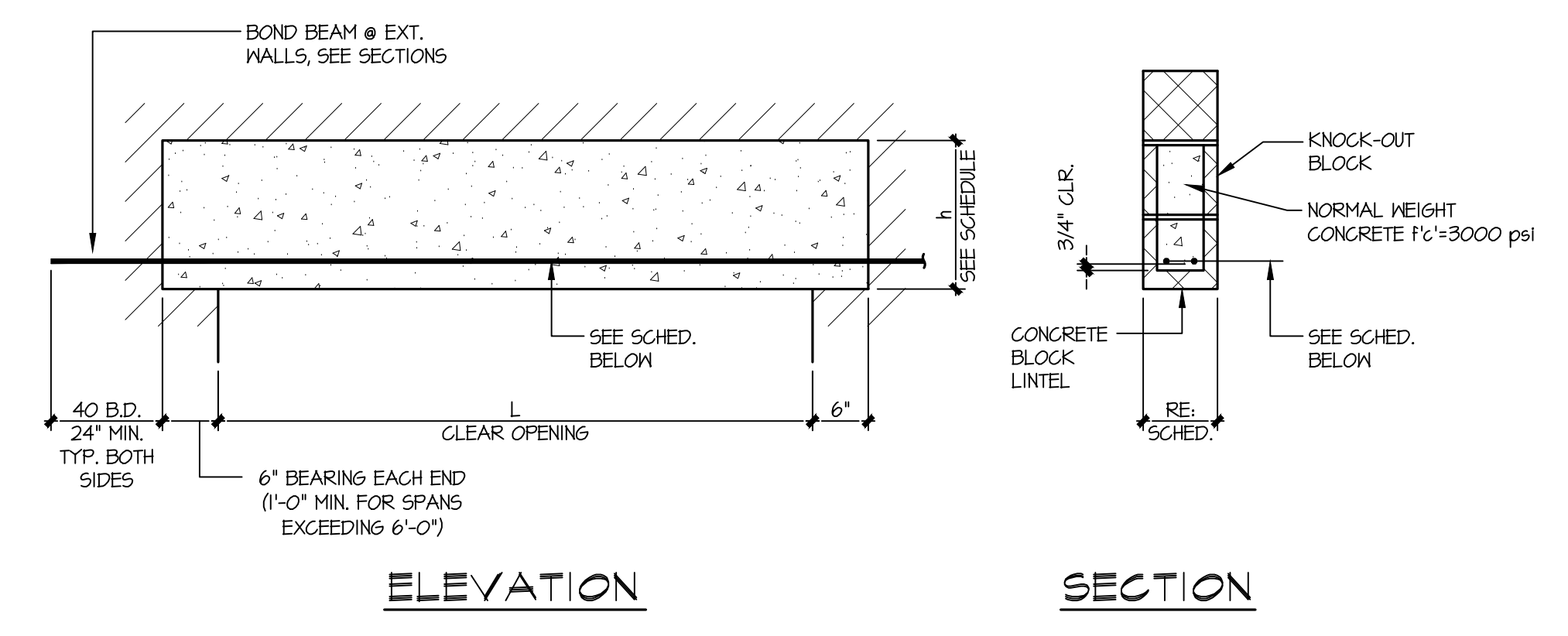


TYPICAL BEARING PLATE DETAIL



SECTION B

| BEARING PLATE SCHEDULE | | | | |
|------------------------|-----------|--------------|---------------------|--|
| BP | SIZE | MAX V (kips) | t x N x B | |
| BP1 | W12 / W14 | 17 | 1" x 5" x 12" | |
| BP2 | W16 / W18 | 28 | 1 1/4" x 5" x 1'-1" | |
| BP3 | W24 | 45 | 1 1/2" x 5" x 1'-2" | |

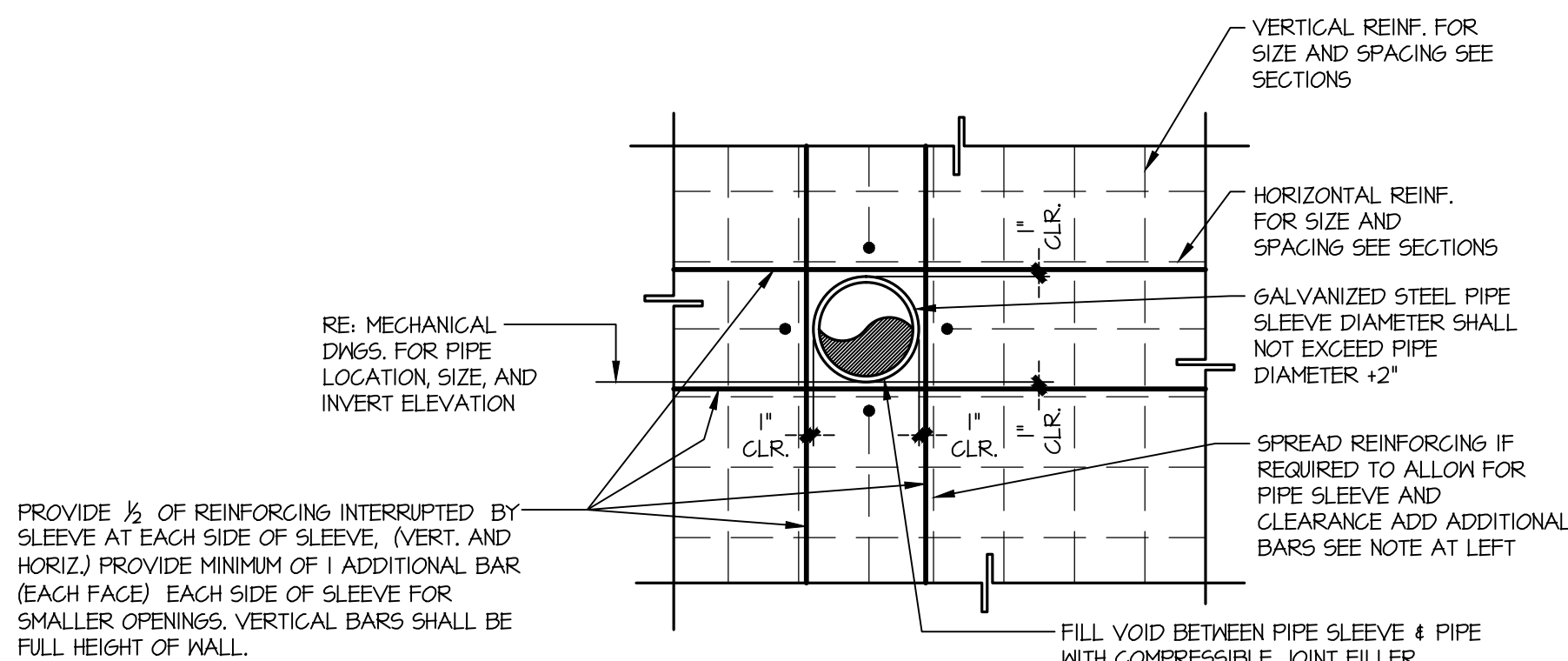


ELEVATION

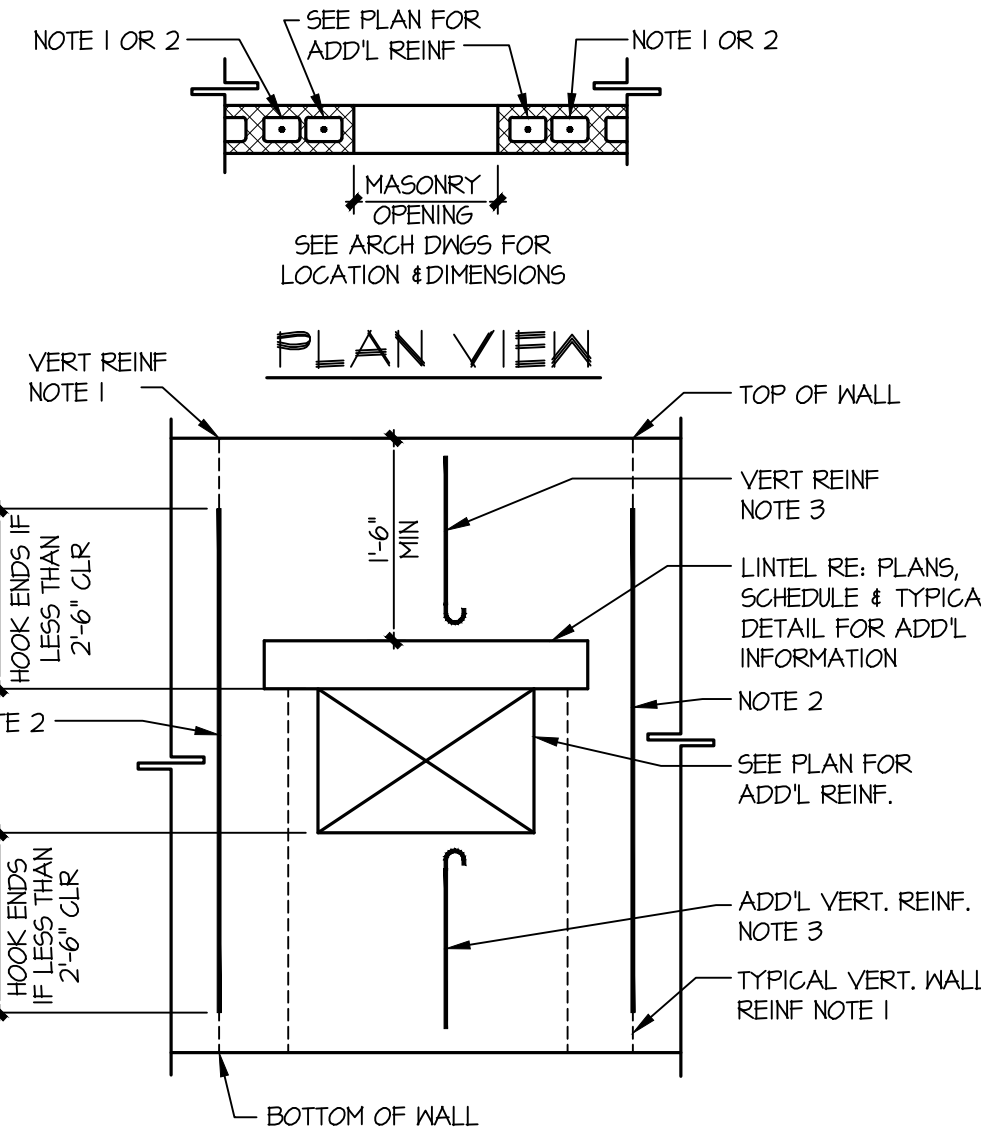
SECTION

| LINTEL MARK | 8" MASONRY UNITS | | 10" MASONRY UNITS | |
|-------------|------------------|-----|-------------------|-----|
| | REINFORCING | h | REINFORCING | h |
| L-1 | 2-#5 | 8" | 2-#5 | 8" |
| L-2 | 2-#5 | 16" | 2-#5 | 16" |
| L-3 | 2-#6 | 24" | 3-#5 | 24" |

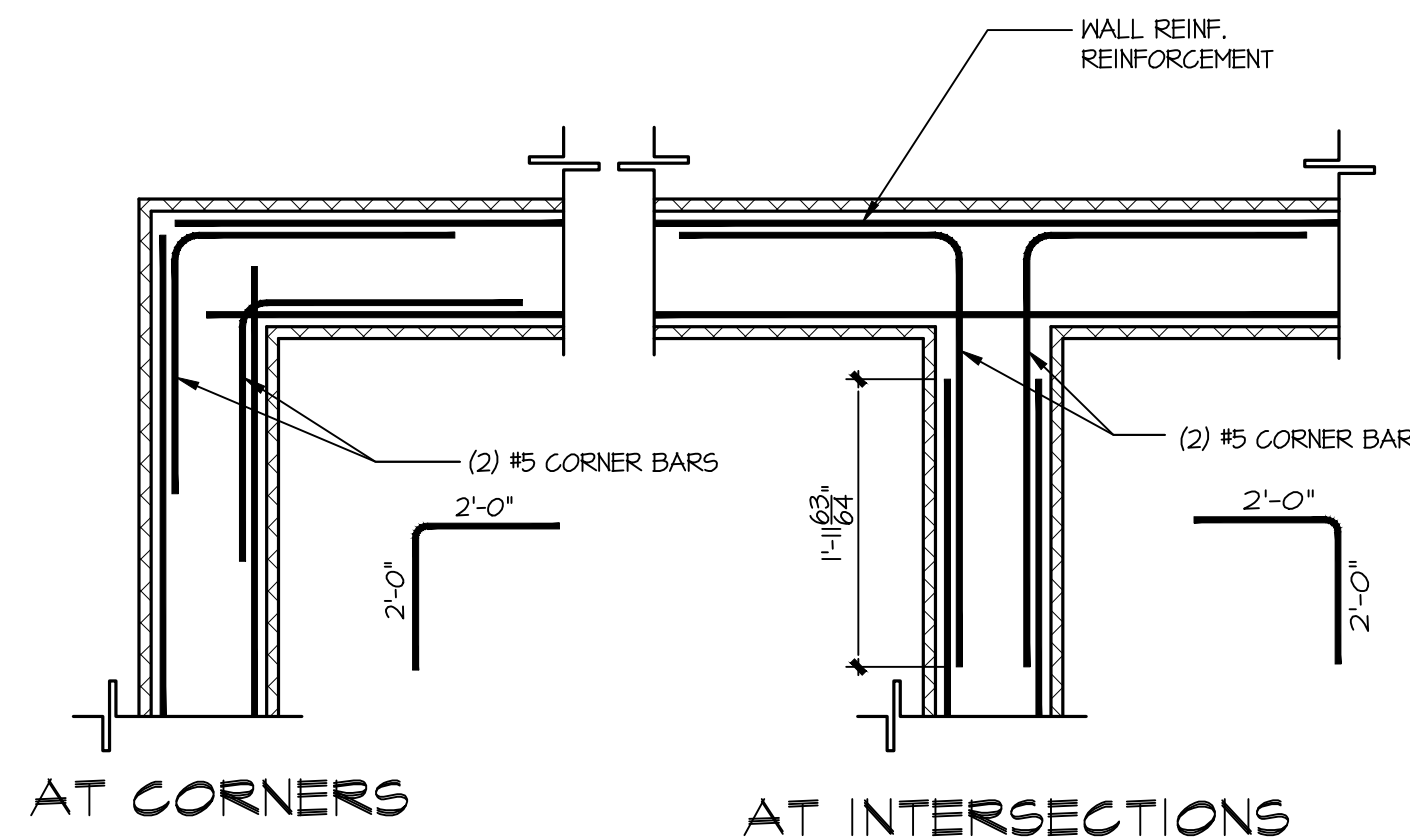
TYPICAL REINFORCED CONCRETE MASONRY LINTEL SCHEDULE AND DETAIL



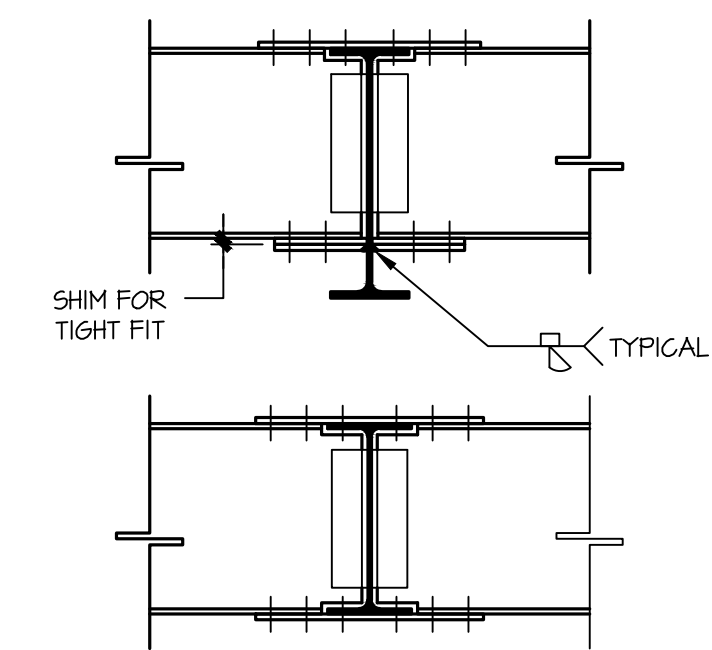
TYPICAL PIPE PENETRATION THROUGH FOUNDATION WALL



MASONRY WALL OPENING REINFORCING DETAIL



DETAIL AT HORIZ. REINF. IN BOND BEAMS



BEAM TO BEAM MOMENT CONNECTION DETAIL

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