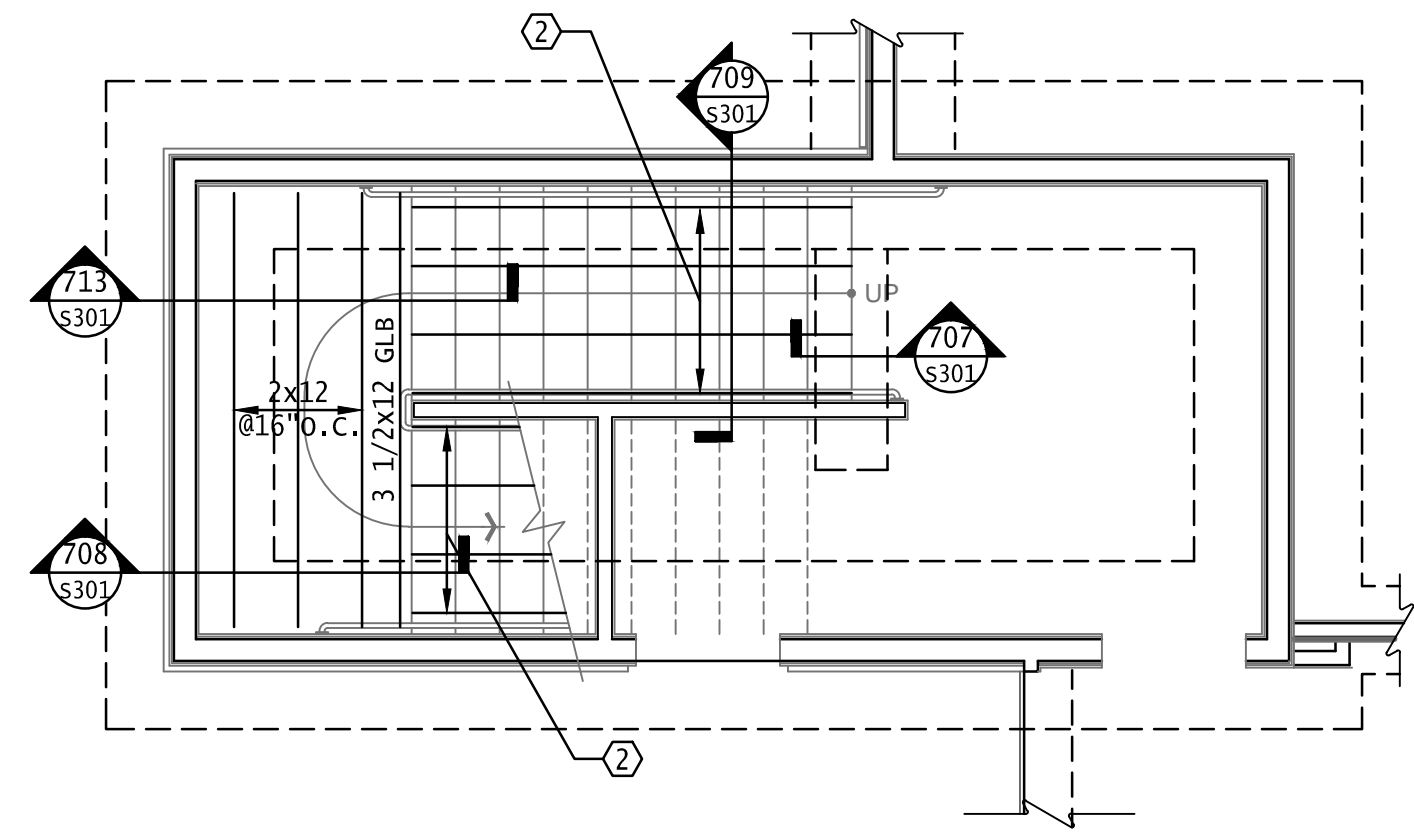
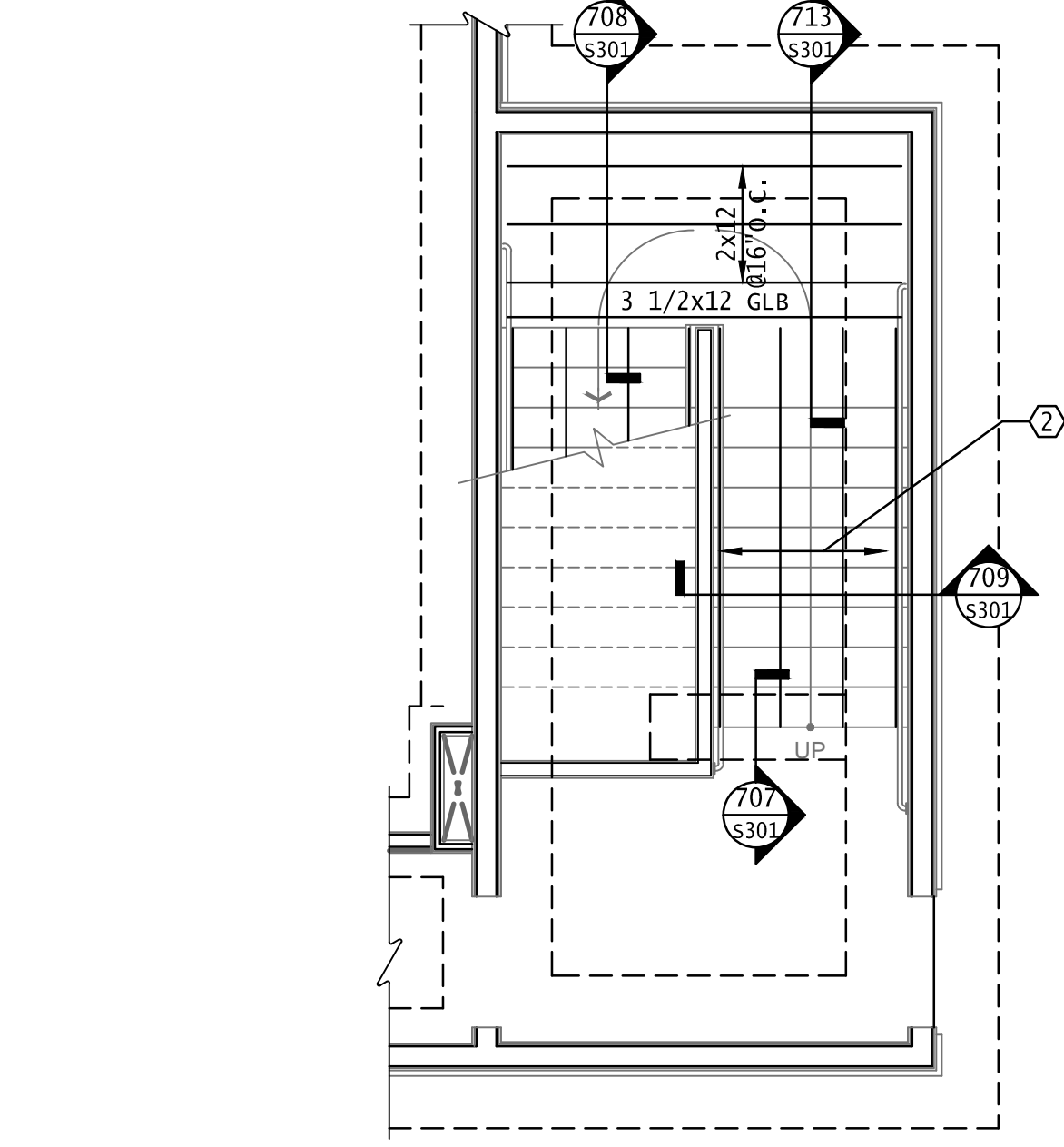


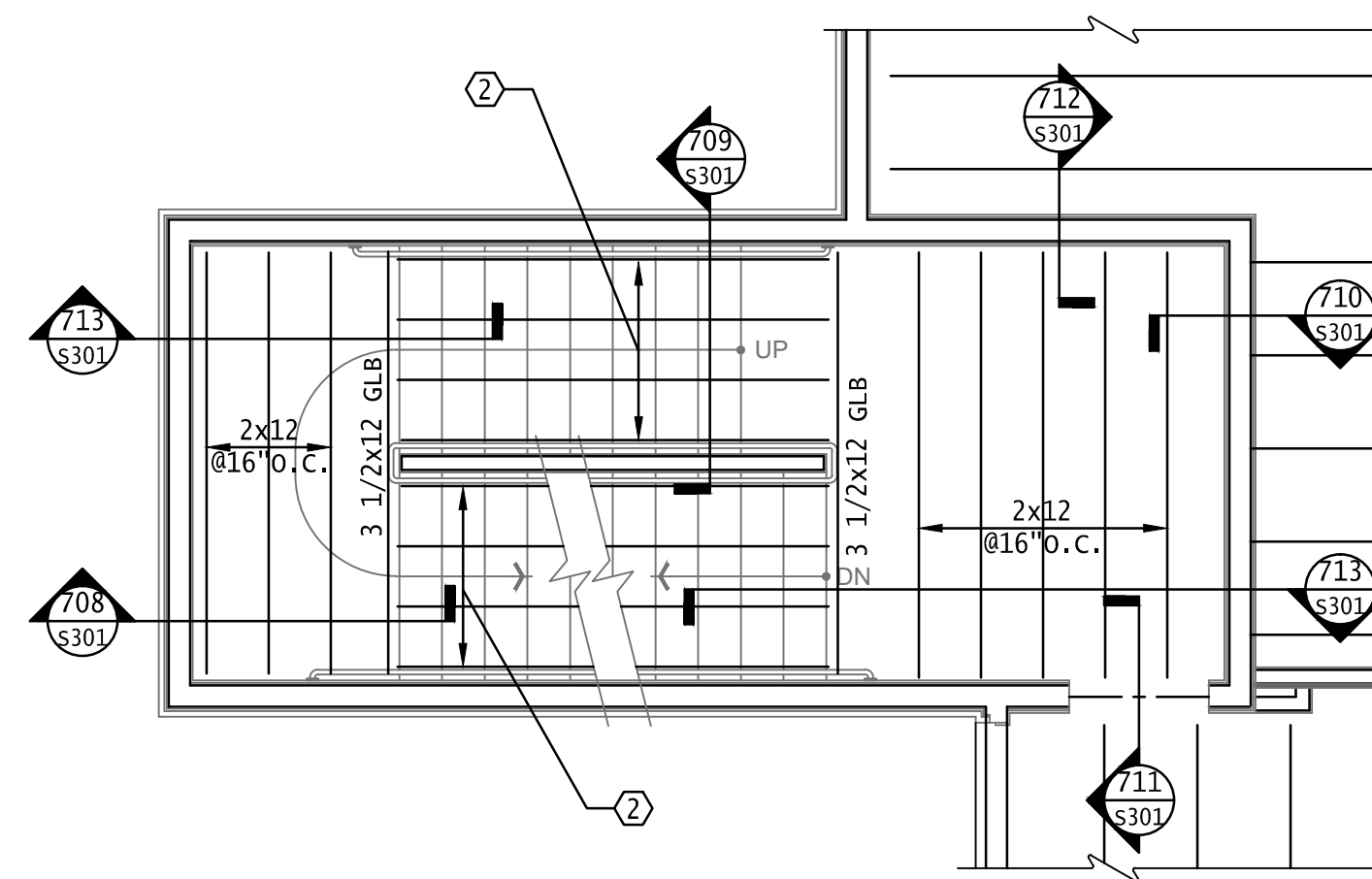
- STAIR FRAMING PLAN NOTES:**
- COORDINATE DIMENSIONS AND LOCATION WITH ARCHITECTURAL DRAWINGS.
 - 1 3/4x11 7/8 LVL STRINGERS AT 12" O.C., MAX NOTCH DEPTH = 5 1/2"



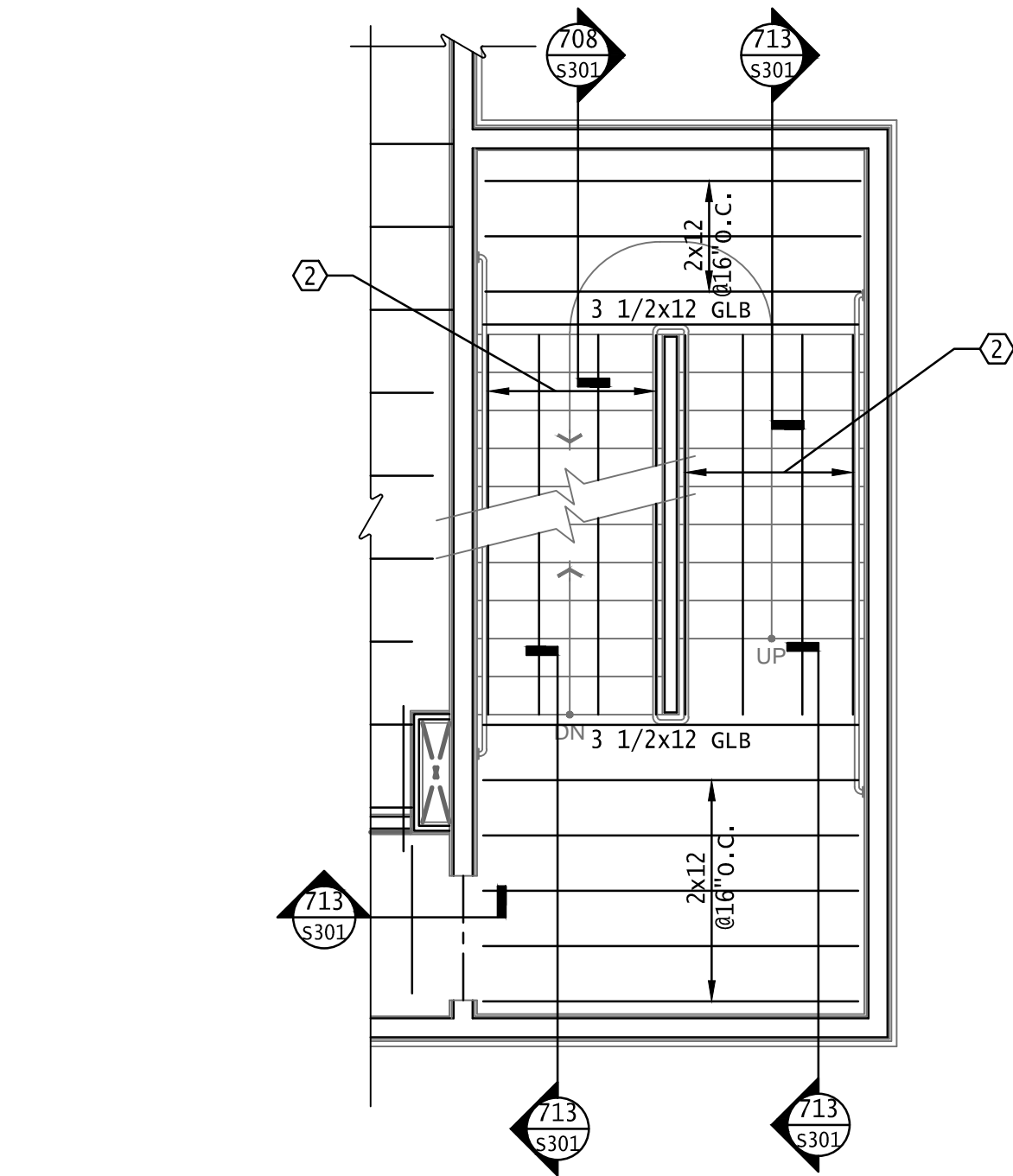
701 1ST LEVEL ENLARGED STAIR PLAN
1/4" = 1'-0"



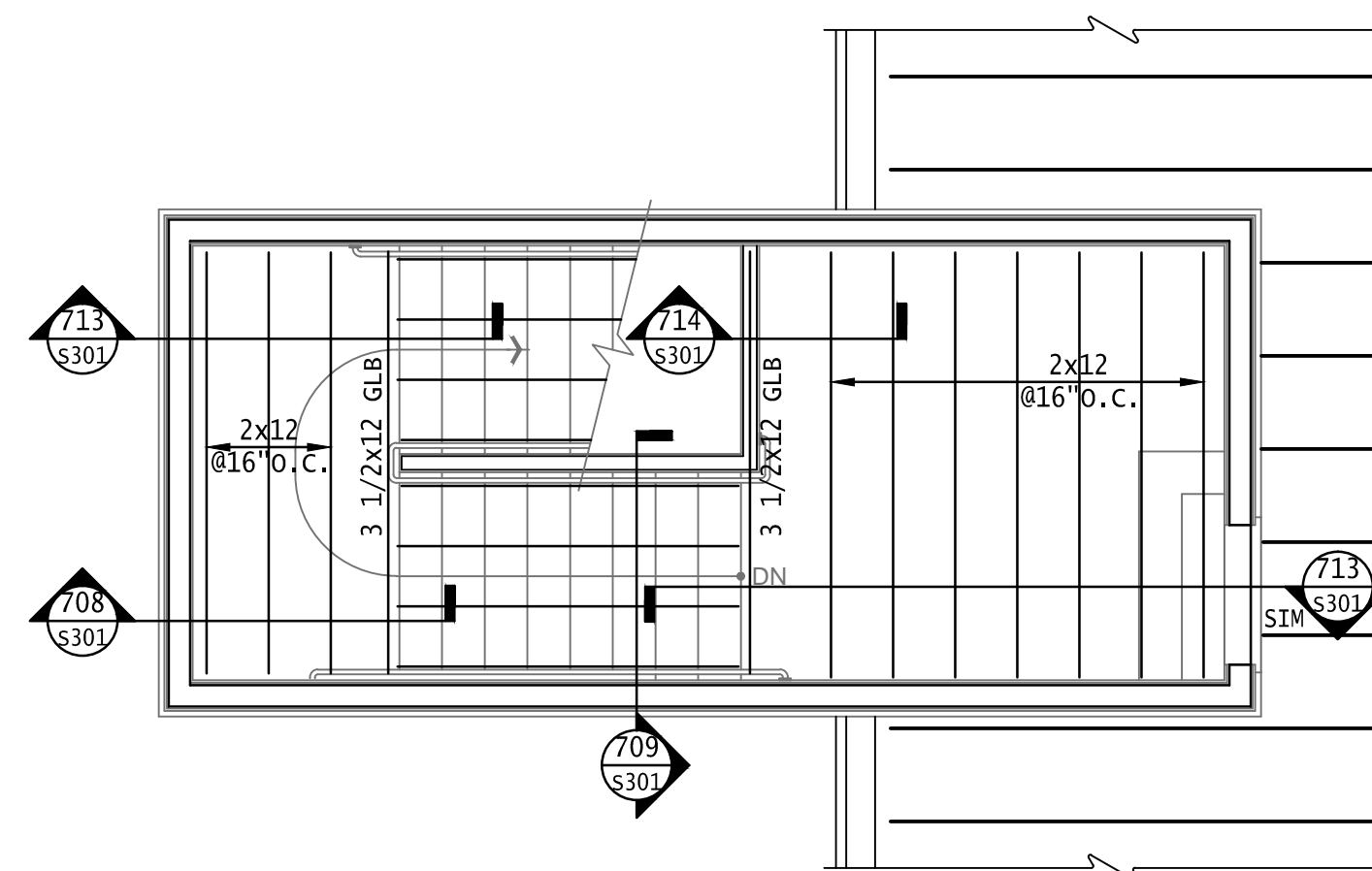
704 1ST LEVEL ENLARGED STAIR PLAN
1/4" = 1'-0"



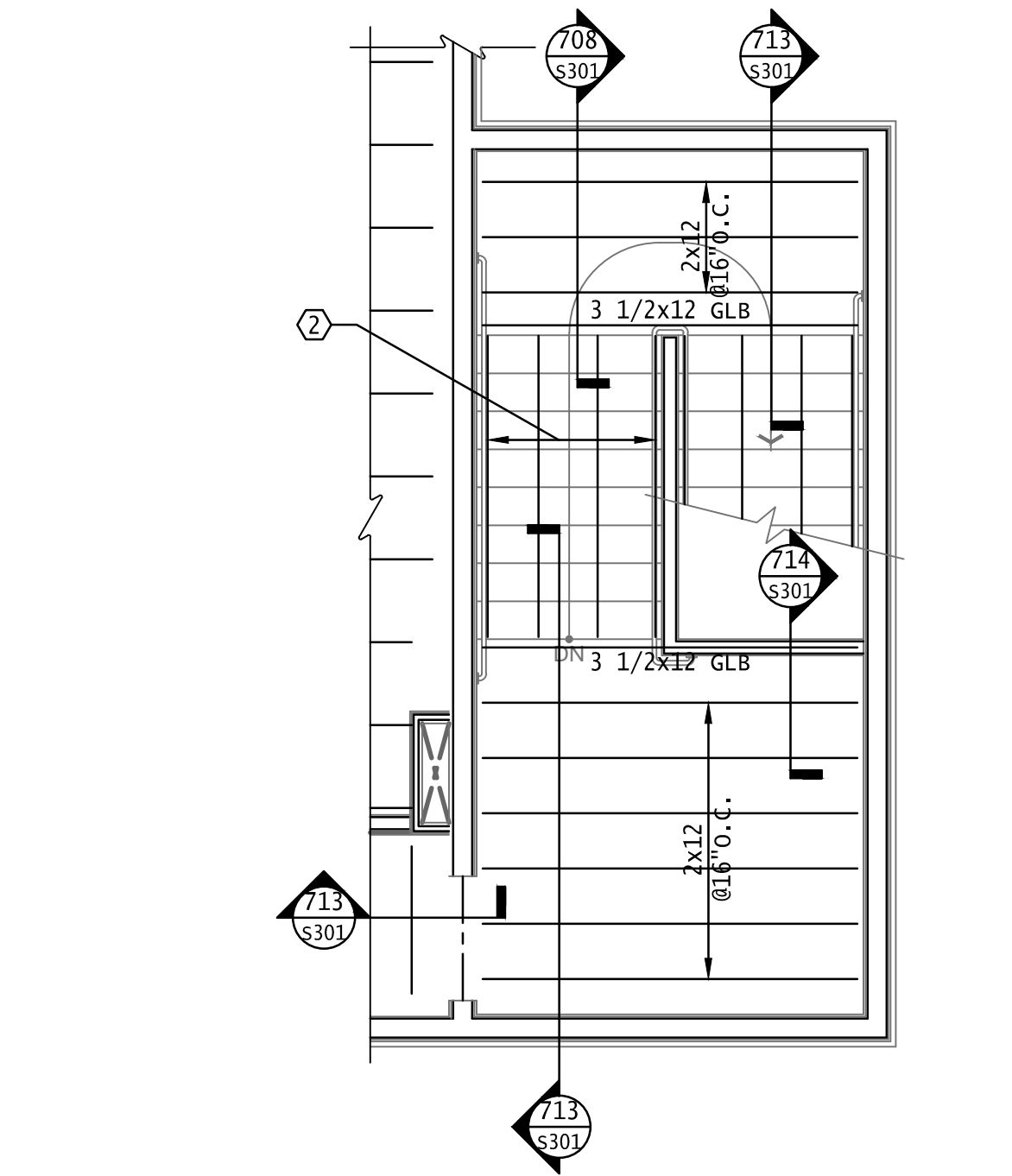
702 2ND THRU 4TH LEVEL ENLARGED STAIR PLAN
1/4" = 1'-0"



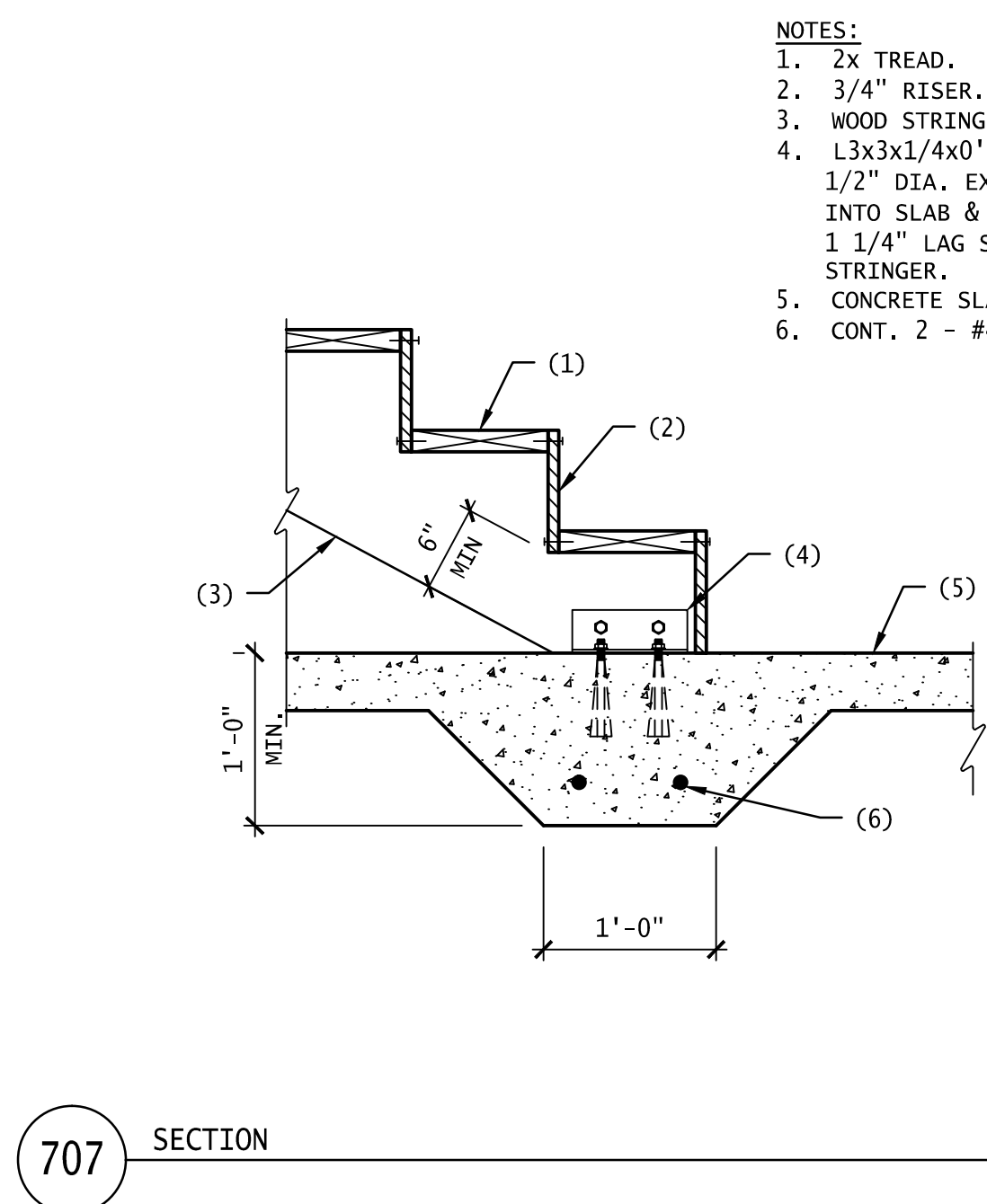
705 2ND THRU 3RD LEVEL ENLARGED STAIR PLAN
1/4" = 1'-0"



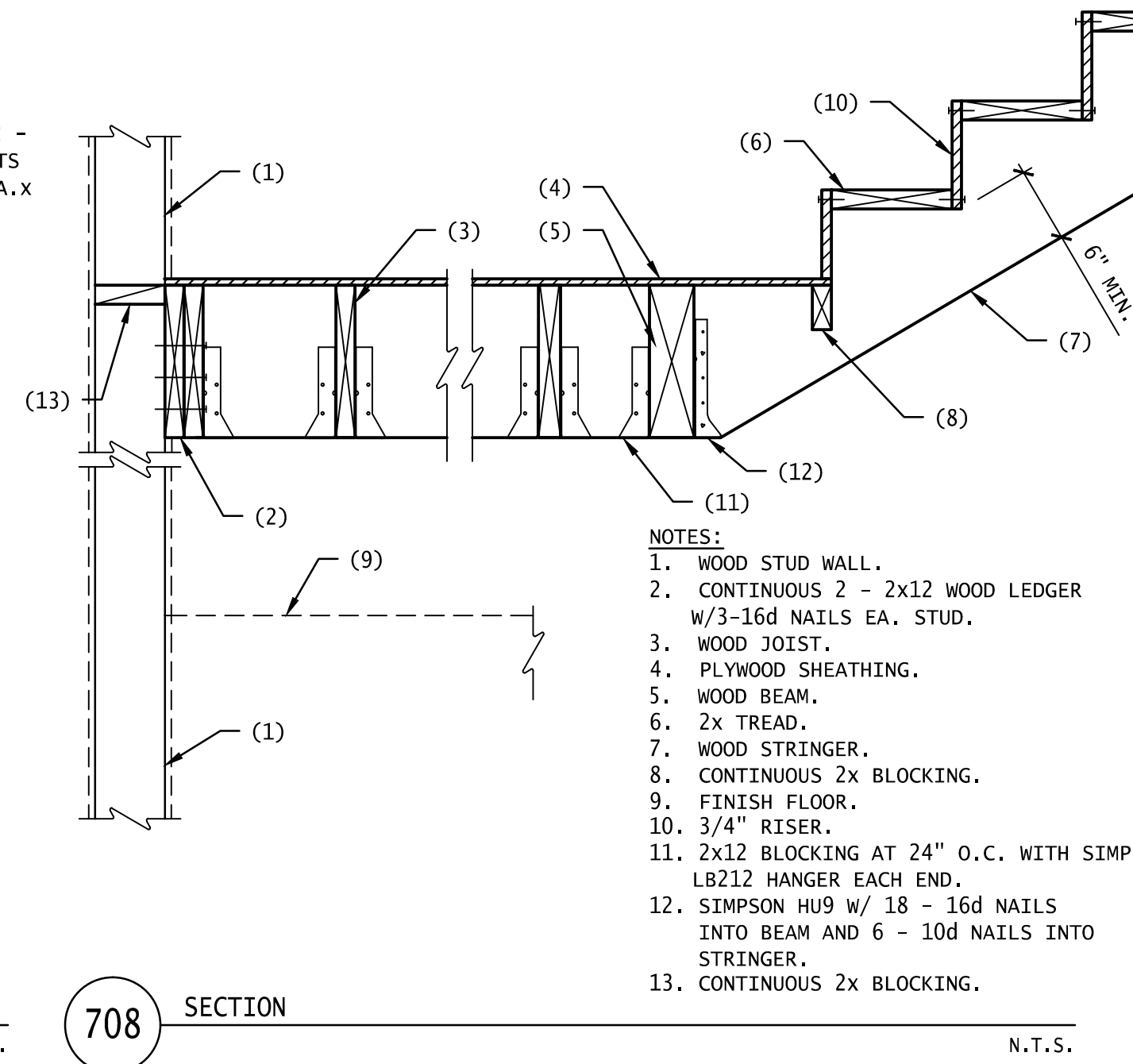
703 ROOF LEVEL ENLARGED STAIR PLAN
1/4" = 1'-0"



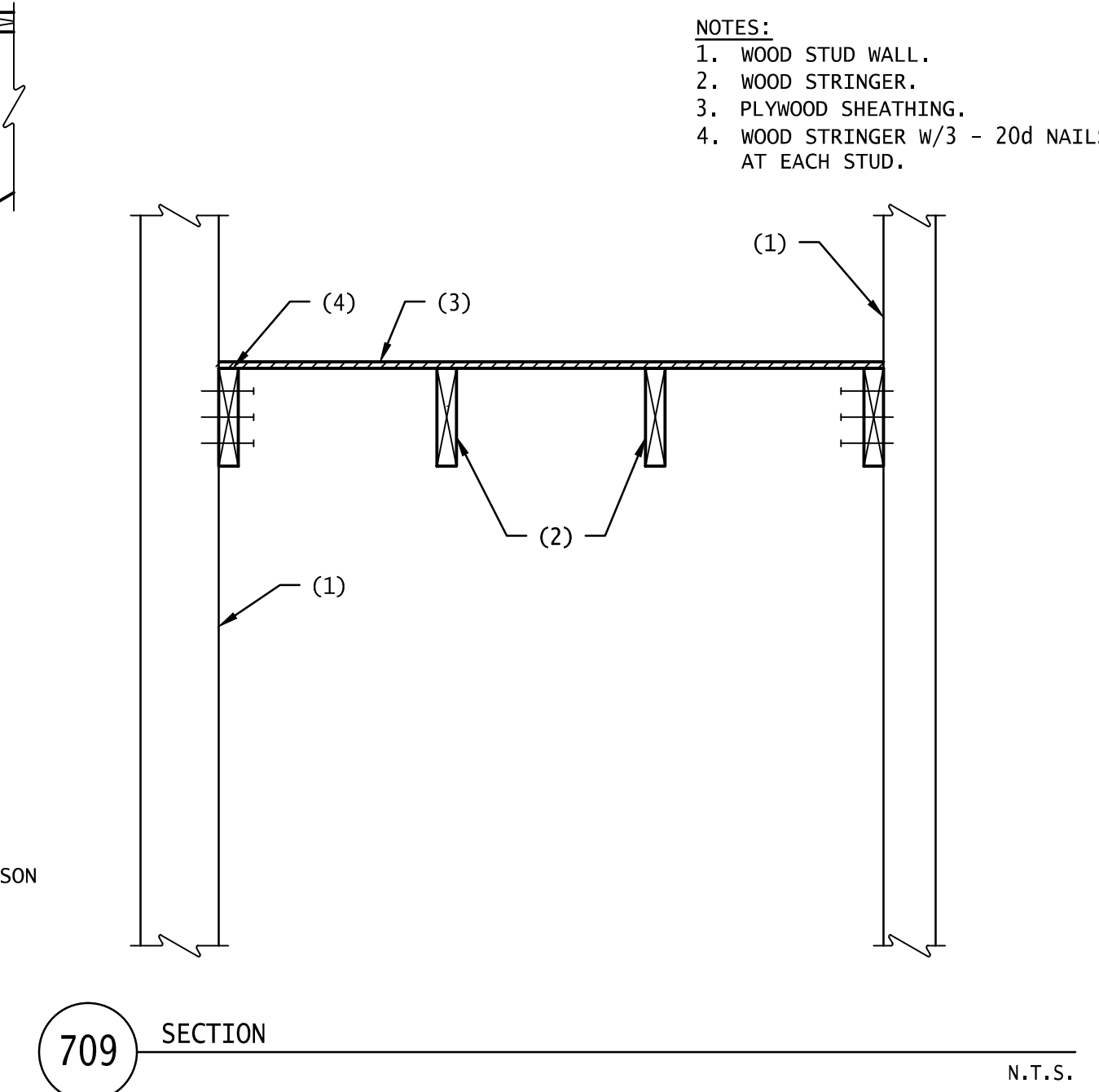
706 4TH LEVEL ENLARGED STAIR PLAN
1/4" = 1'-0"



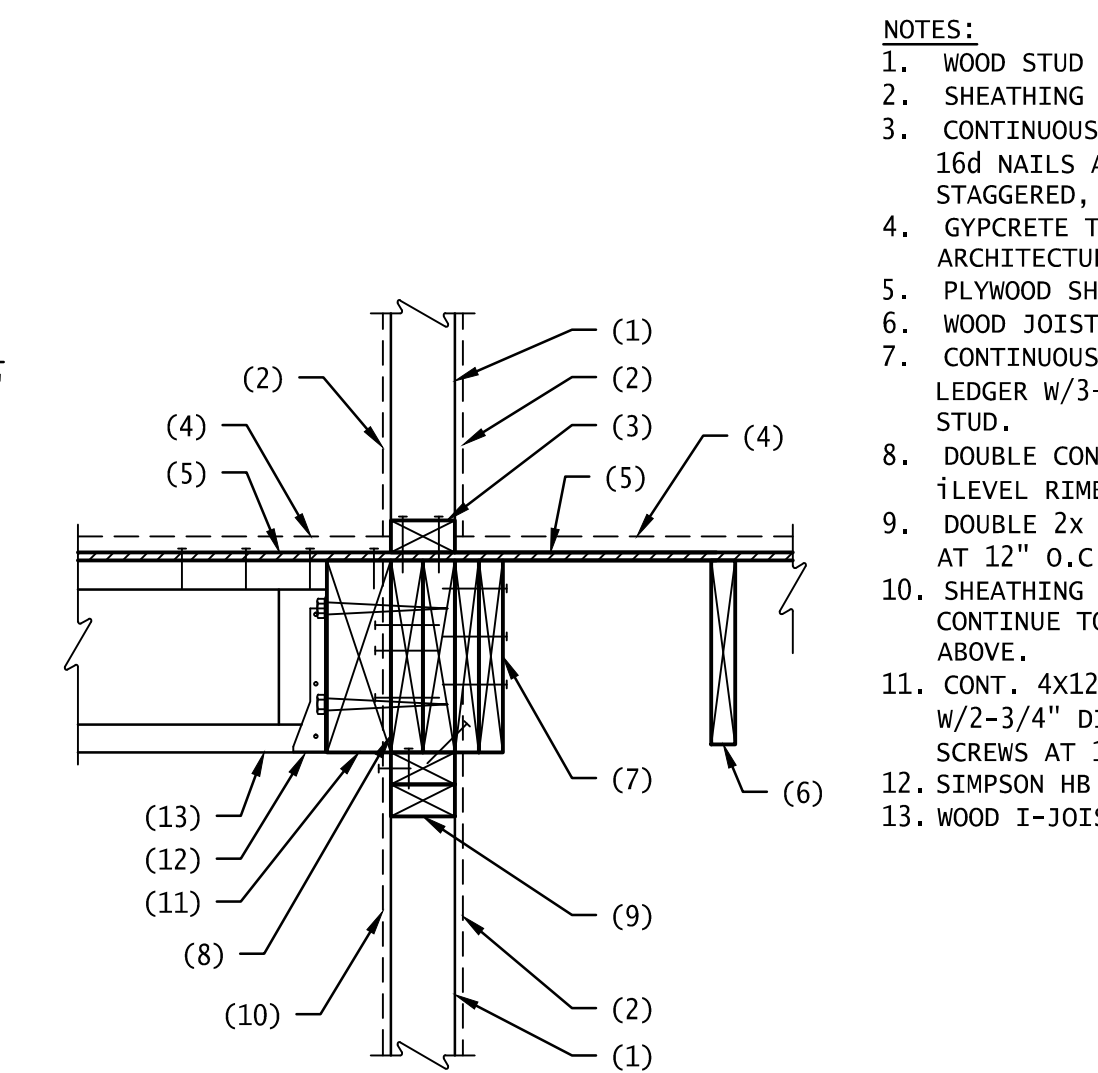
707 SECTION
N.T.S.



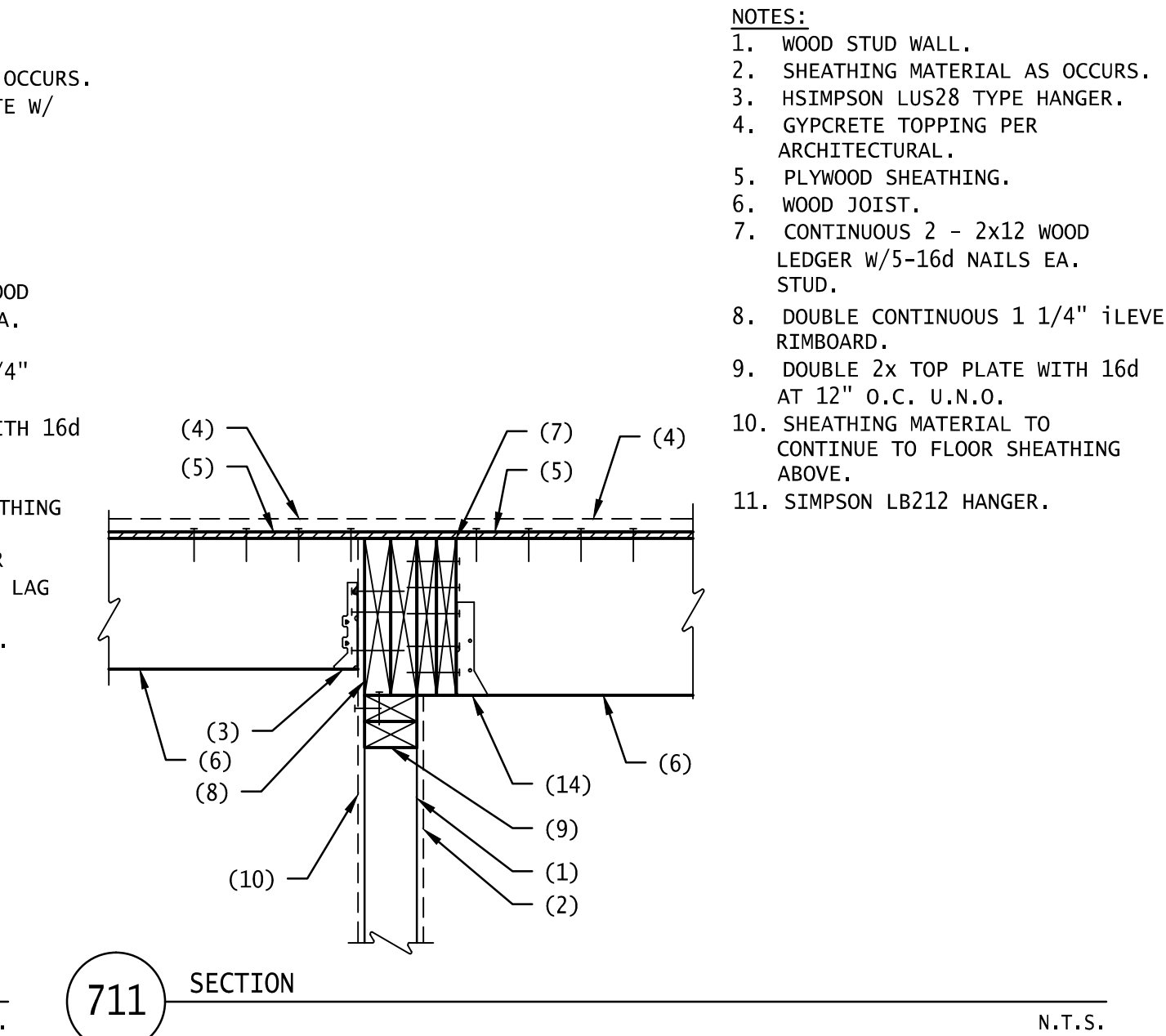
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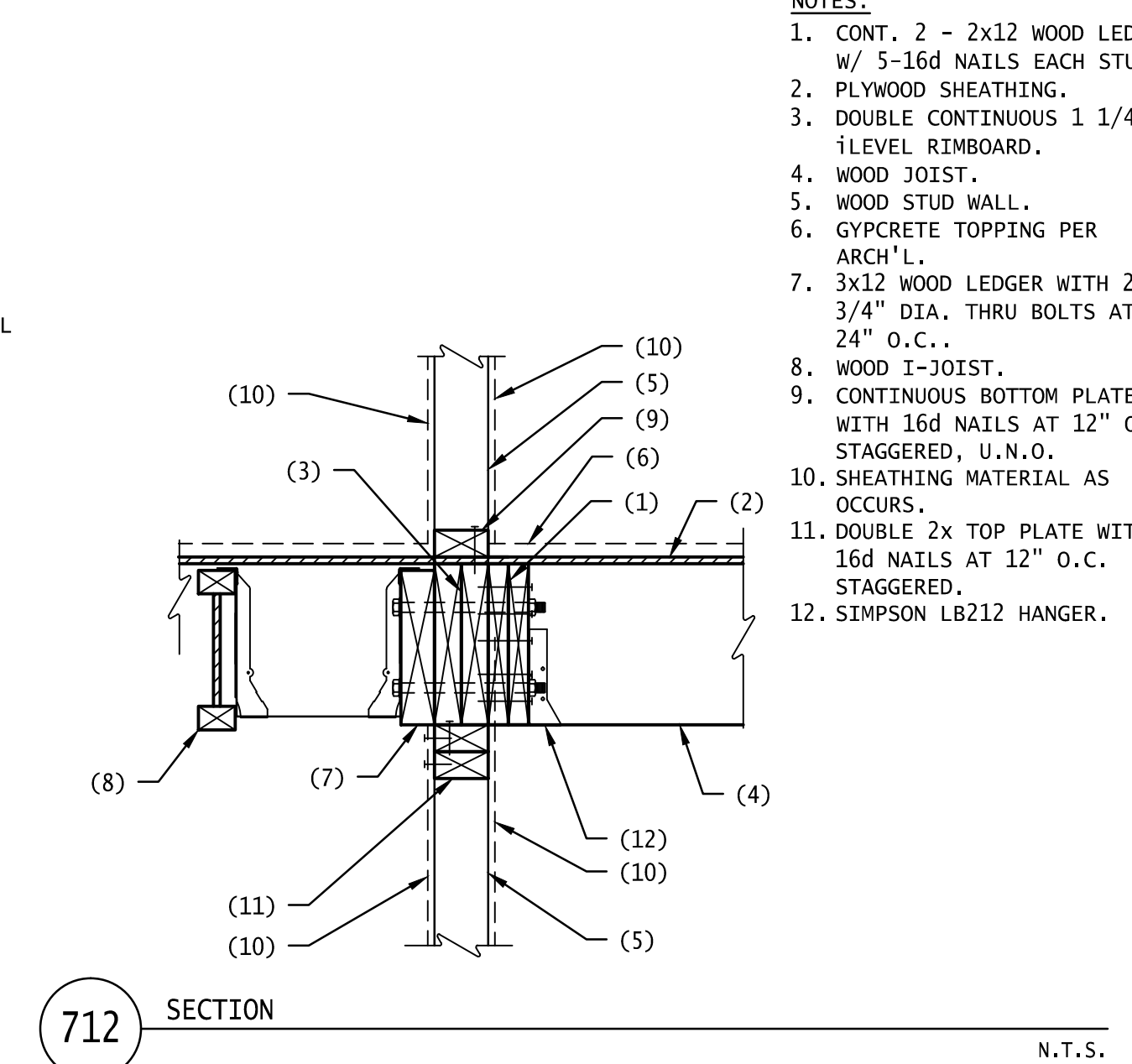
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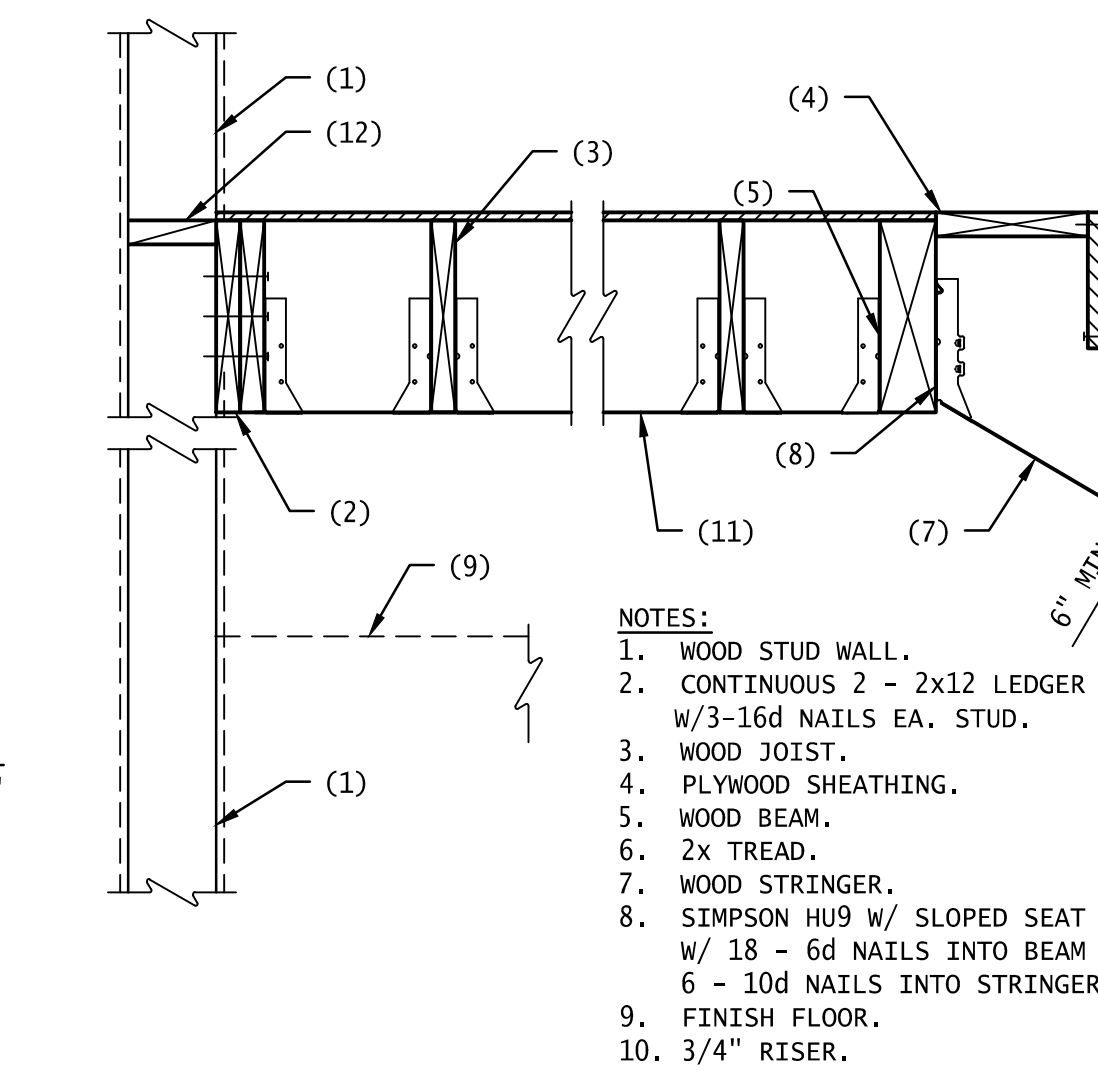
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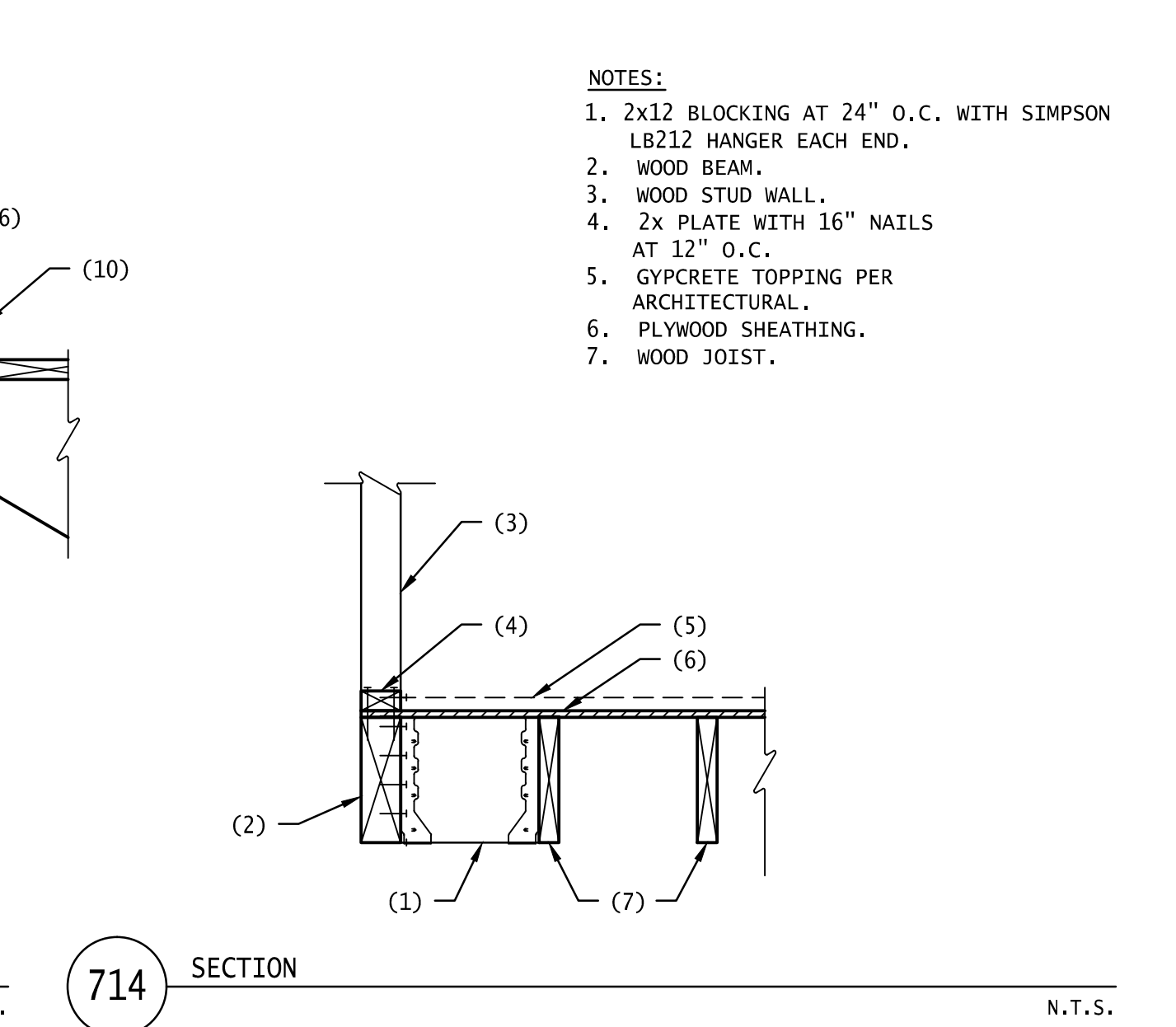
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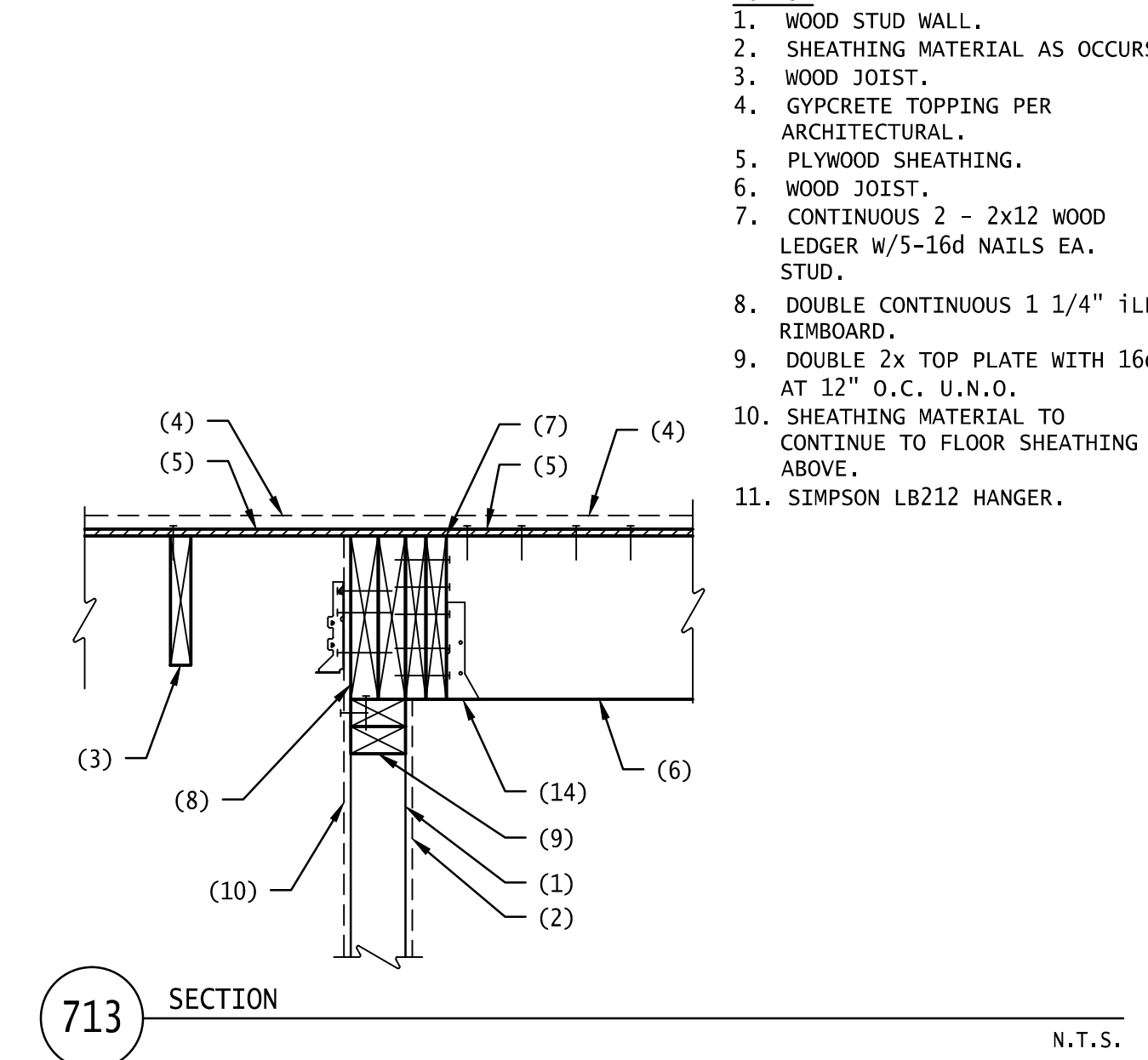
712 SECTION
N.T.S.



713 SECTION
N.T.S.



714 SECTION
N.T.S.



715 SECTION
N.T.S.

- NOTES:**
- 2x TREAD.
 - 3/4" RISER.
 - WOOD STRINGER.
 - L3x3x1/4x0'-8" LONG W/2 - 1/2" DIA. EXPANSION BOLTS INTO SLAB & 2 - 3/8" DIA. x 1 1/4" LAG SCREWS INTO STRINGER.
 - CONCRETE SLAB ON GRADE.
 - CONT. 2 - #4.

- NOTES:**
- WOOD STUD WALL.
 - CONTINUOUS 2 - 2x12 WOOD LEDGER W/3-16d NAILS EA. STUD.
 - WOOD JOIST.
 - PLYWOOD SHEATHING.
 - WOOD BEAM.
 - 2x TREAD.
 - WOOD STRINGER.
 - CONTINUOUS 2x BLOCKING.
 - FINISH FLOOR.
 - 3/4" RISER.
 - 2x12 BLOCKING AT 24" O.C. WITH SIMPSON LB212 HANGER EACH END.
 - SIMPSON HU9 W/ 18 - 16d NAILS INTO BEAM AND 6 - 10d NAILS INTO STRINGER.
 - CONTINUOUS 2x BLOCKING.

- NOTES:**
- WOOD STUD WALL.
 - WOOD STRINGER.
 - PLYWOOD SHEATHING.
 - WOOD STRINGER W/3 - 20d NAILS AT EACH STUD.

- NOTES:**
- WOOD STUD WALL.
 - SHEATHING MATERIAL AS OCCURS.
 - CONTINUOUS BOTTOM PLATE W/ 16d NAILS AT 12" O.C. STAGGERED, U.N.O.
 - GYPCRETE TOPPING PER ARCHITECTURAL.
 - PLYWOOD SHEATHING.
 - WOOD JOIST.
 - CONTINUOUS 2 - 2x12 WOOD LEDGER W/3-16d NAILS EA. STUD.
 - DOUBLE CONTINUOUS 1 1/4" I-LEVEL RIMBOARD.
 - DOUBLE 2x TOP PLATE WITH 16d AT 12" O.C. U.N.O.
 - SHEATHING MATERIAL TO CONTINUE TO FLOOR SHEATHING ABOVE.
 - CONT. 4x12 WOOD LEDGER W/2-3/4" DIA. x 6" EMBED LAG SCREWS AT 12" O.C.
 - SIMPSON HB TYPE HANGER.
 - WOOD I-JOIST.

- NOTES:**
- WOOD STUD WALL.
 - SHEATHING MATERIAL AS OCCURS.
 - SIMPSON LUS28 TYPE HANGER.
 - GYPCRETE TOPPING PER ARCHITECTURAL.
 - PLYWOOD SHEATHING.
 - WOOD JOIST.
 - CONTINUOUS 2 - 2x12 WOOD LEDGER W/5-16d NAILS EA. STUD.
 - DOUBLE CONTINUOUS 1 1/4" I-LEVEL RIMBOARD.
 - DOUBLE 2x TOP PLATE WITH 16d AT 12" O.C. U.N.O.
 - SHEATHING MATERIAL TO CONTINUE TO FLOOR SHEATHING ABOVE.
 - SIMPSON LB212 HANGER.

- NOTES:**
- CONT. 2 - 2x12 WOOD LEDGER W/ 5-16d NAILS EACH STUD.
 - PLYWOOD SHEATHING.
 - DOUBLE CONTINUOUS 1 1/4" I-LEVEL RIMBOARD.
 - WOOD JOIST.
 - WOOD STUD WALL.
 - GYPCRETE TOPPING PER ARCH'L.
 - 3x12 WOOD LEDGER WITH 2 - 3/4" DIA. THRU BOLTS AT 24" O.C..
 - WOOD I-JOIST.
 - CONTINUOUS BOTTOM PLATE WITH 16d NAILS AT 12" O.C. STAGGERED, U.N.O.
 - SHEATHING MATERIAL AS OCCURS.
 - DOUBLE 2x TOP PLATE WITH 16d NAILS AT 12" O.C. STAGGERED.
 - SIMPSON LB212 HANGER.

- NOTES:**
- WOOD STUD WALL.
 - SHEATHING MATERIAL AS OCCURS.
 - WOOD JOIST.
 - GYPCRETE TOPPING PER ARCHITECTURAL.
 - PLYWOOD SHEATHING.
 - WOOD JOIST.
 - CONTINUOUS 2 - 2x12 WOOD LEDGER W/5-16d NAILS EA. STUD.
 - DOUBLE CONTINUOUS 1 1/4" I-LEVEL RIMBOARD.
 - DOUBLE 2x TOP PLATE WITH 16d AT 12" O.C. U.N.O.
 - SHEATHING MATERIAL TO CONTINUE TO FLOOR SHEATHING ABOVE.
 - SIMPSON LB212 HANGER.

- NOTES:**
- WOOD STUD WALL.
 - CONTINUOUS 2 - 2x12 LEDGER W/3-16d NAILS EA. STUD.
 - PLYWOOD SHEATHING.
 - WOOD BEAM.
 - 2x TREAD.
 - WOOD STRINGER.
 - SIMPSON HU9 W/ SLOPED SEAT W/ 18 - 6d NAILS INTO BEAM AND 6 - 10d NAILS INTO STRINGER.
 - FINISH FLOOR.
 - 3/4" RISER.
 - 2x12 BLOCKING @ 24" O.C. W/ SIMPSON LB212 HANGERS.
 - CONTINUOUS 2x BLOCKING.

- NOTES:**
- 2x12 BLOCKING AT 24" O.C. WITH SIMPSON LB212 HANGER EACH END.
 - WOOD BEAM.
 - WOOD STUD WALL.
 - 2x PLATE WITH 16" NAILS AT 12" O.C.
 - GYPCRETE TOPPING PER ARCHITECTURAL.
 - PLYWOOD SHEATHING.
 - WOOD JOIST.

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DAVID BIXLER & ASSOCIATES Proj. No. 15-049

JOB NUMBER
1401
DATE
07-23-2015
1st City Comments
09-11-2015

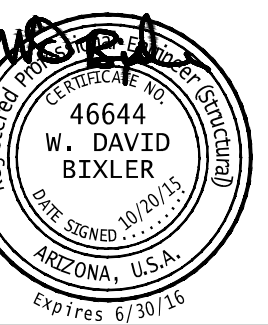
ENLARGED STAIR
PLANS & DETAILS

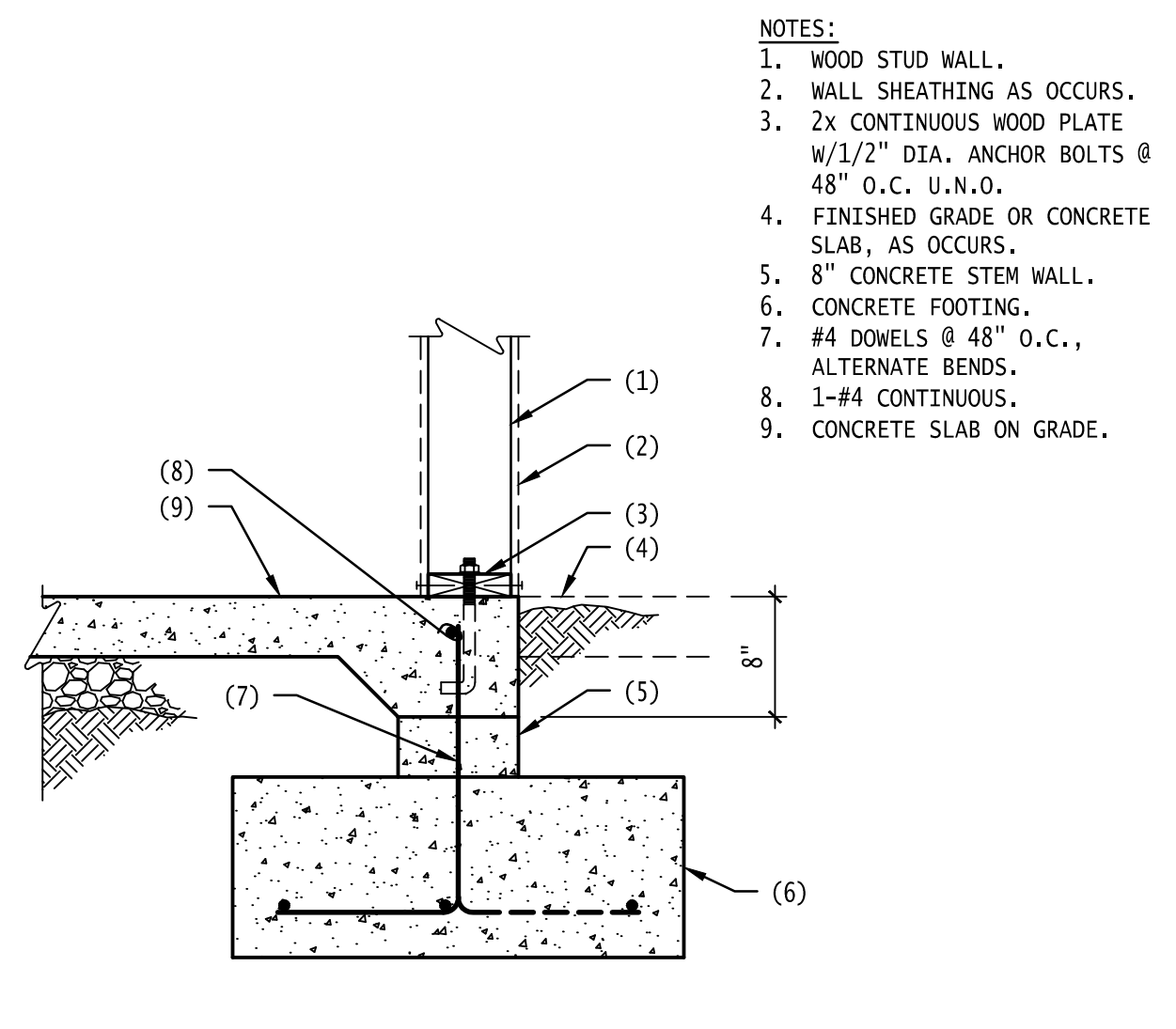
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INN CODE # 16T11-PHXCT
1110 S. Arizona Ave.
Chandler, Arizona, 85286

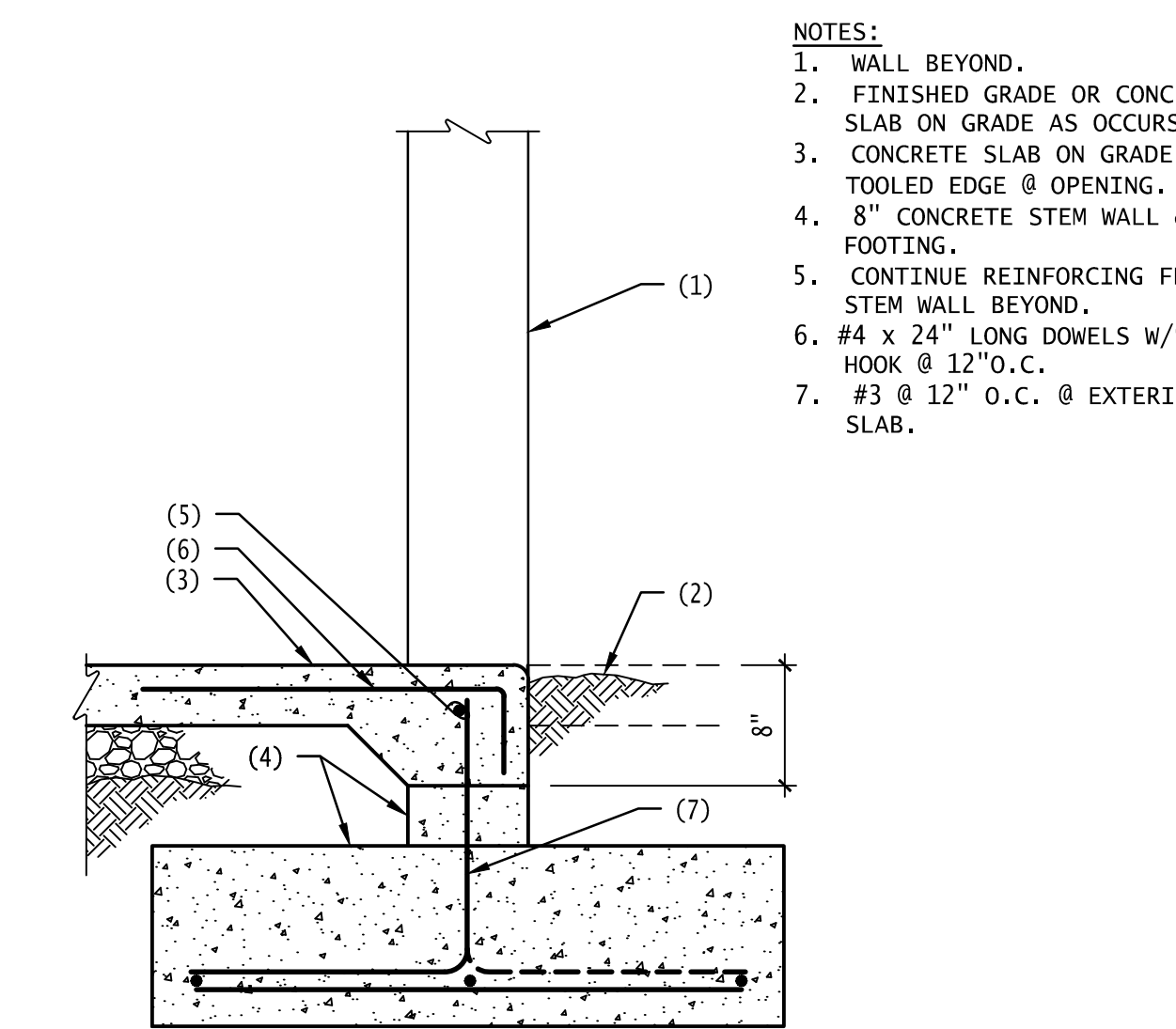
Holiday Inn Express & Suites

GERALD R. KESLER, INC.
ARCHITECTS
1828 E. Desert Lane
Phoenix, AZ 85084

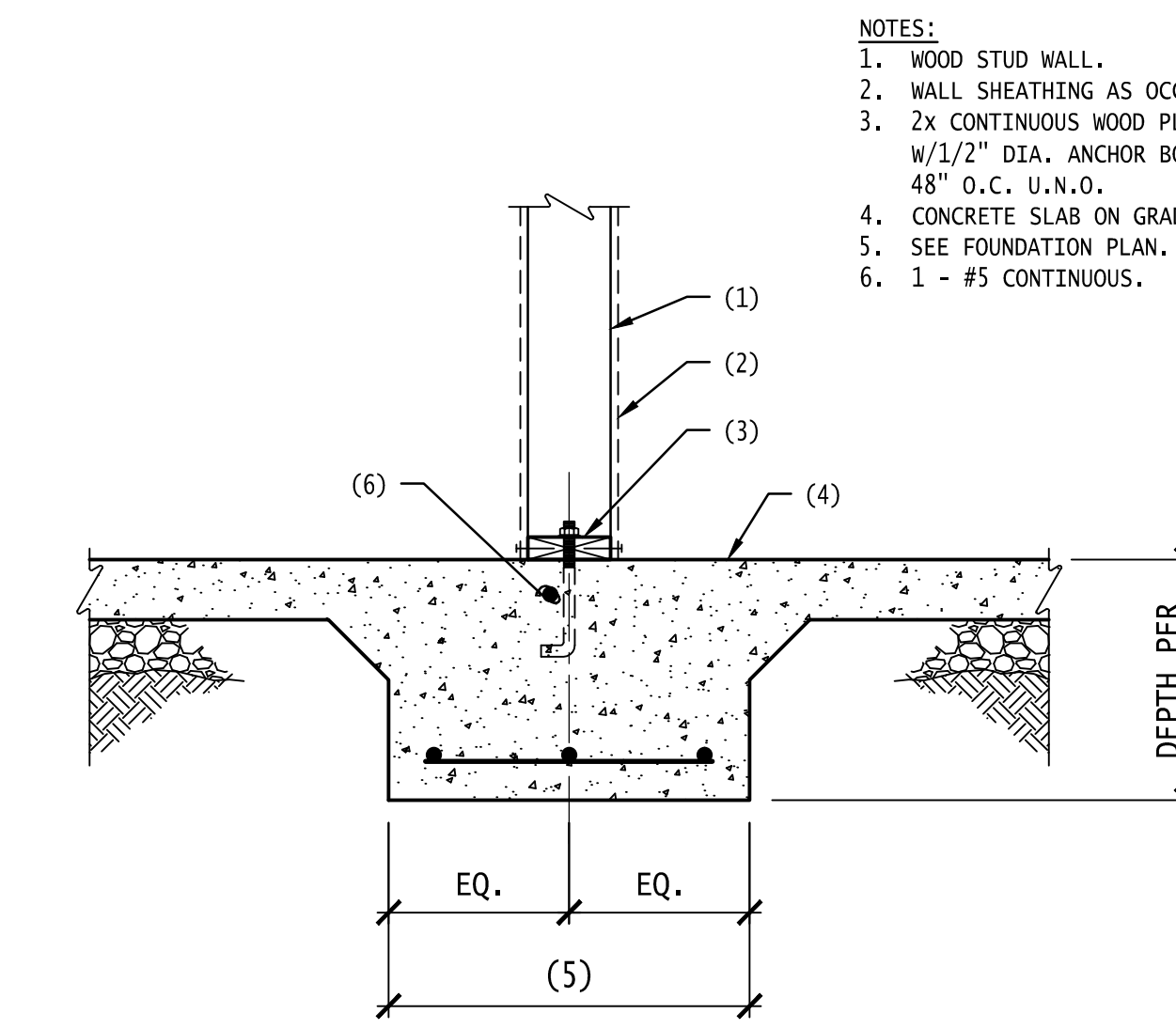




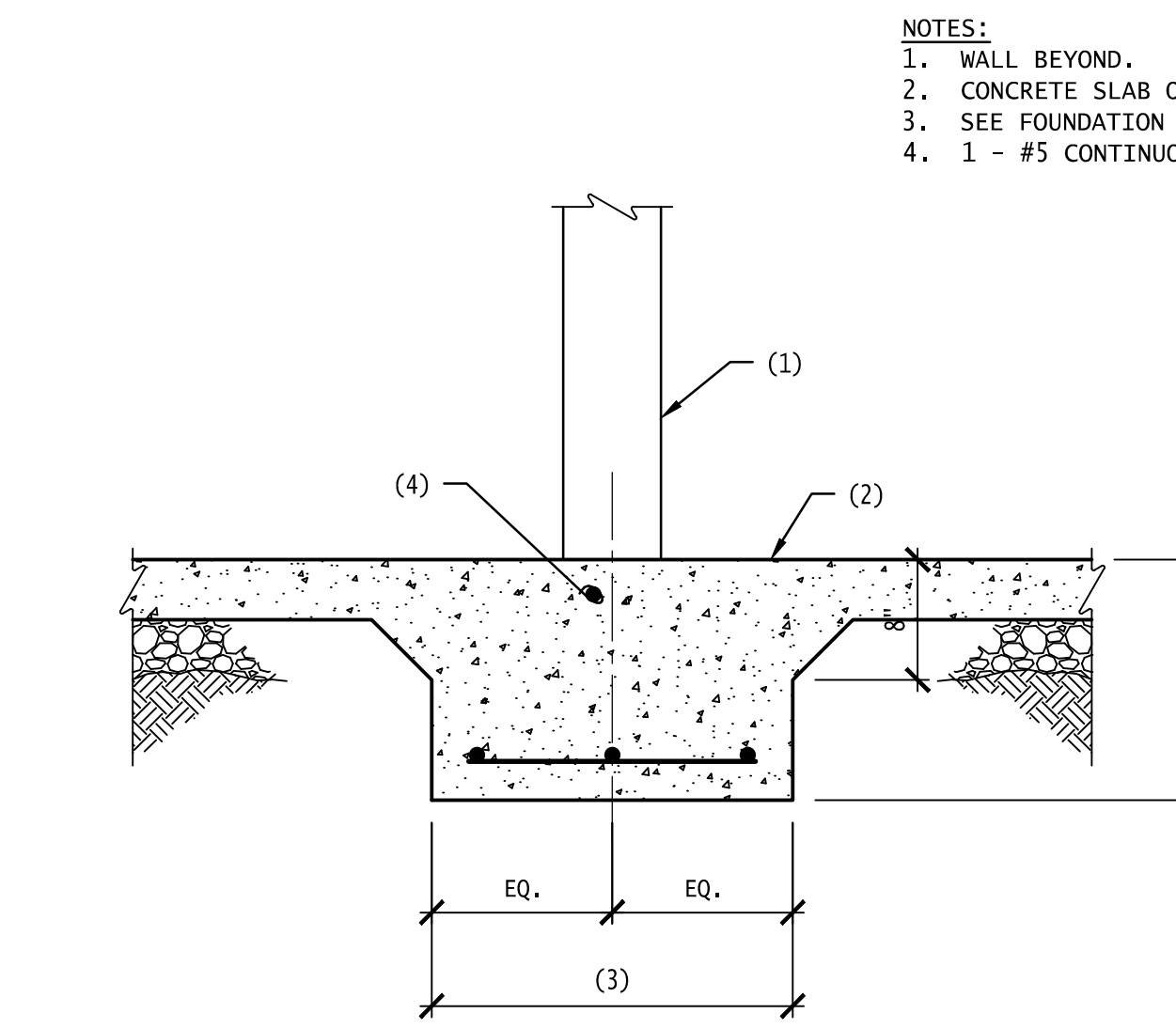
101 SECTION N.T.S.



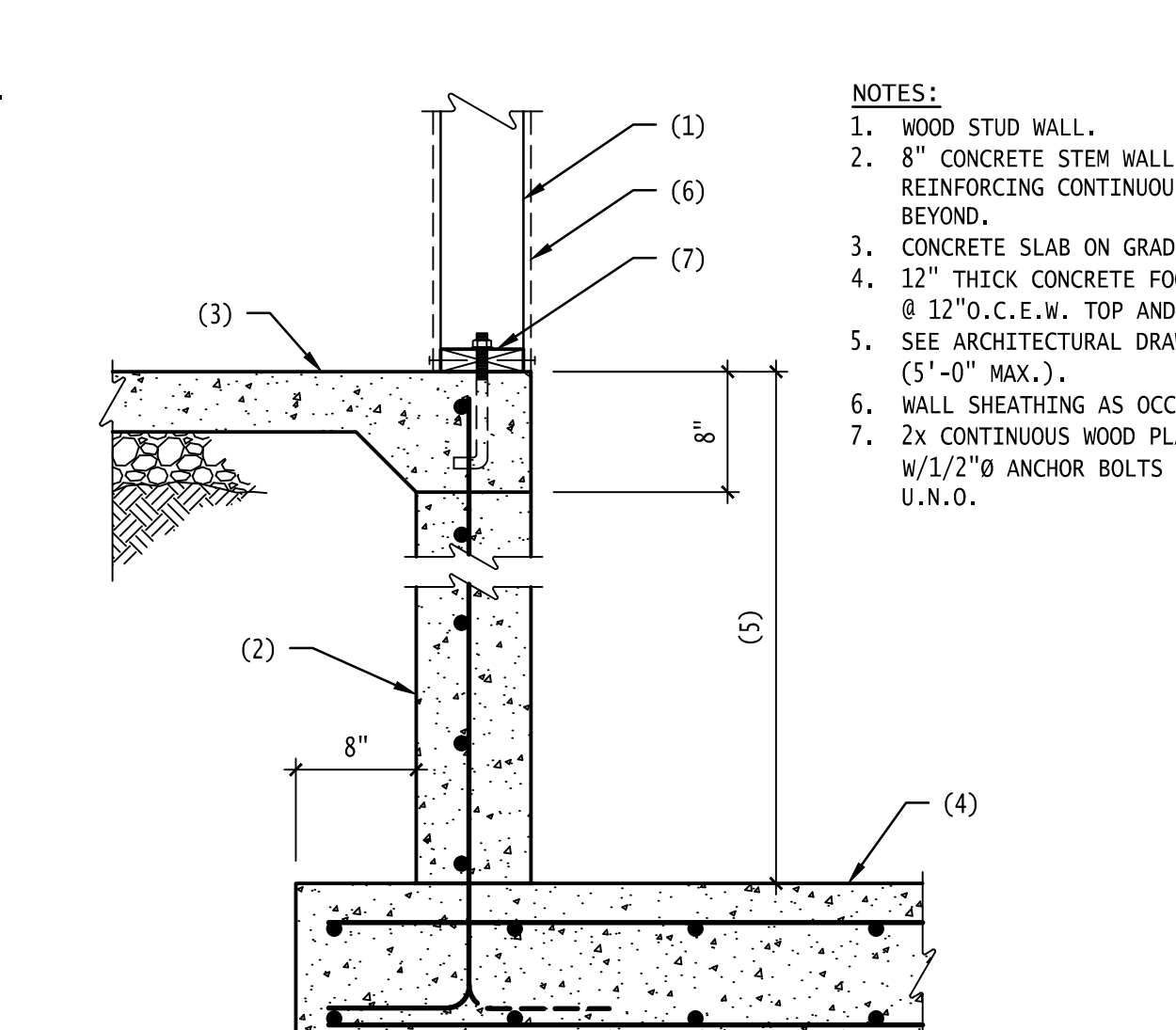
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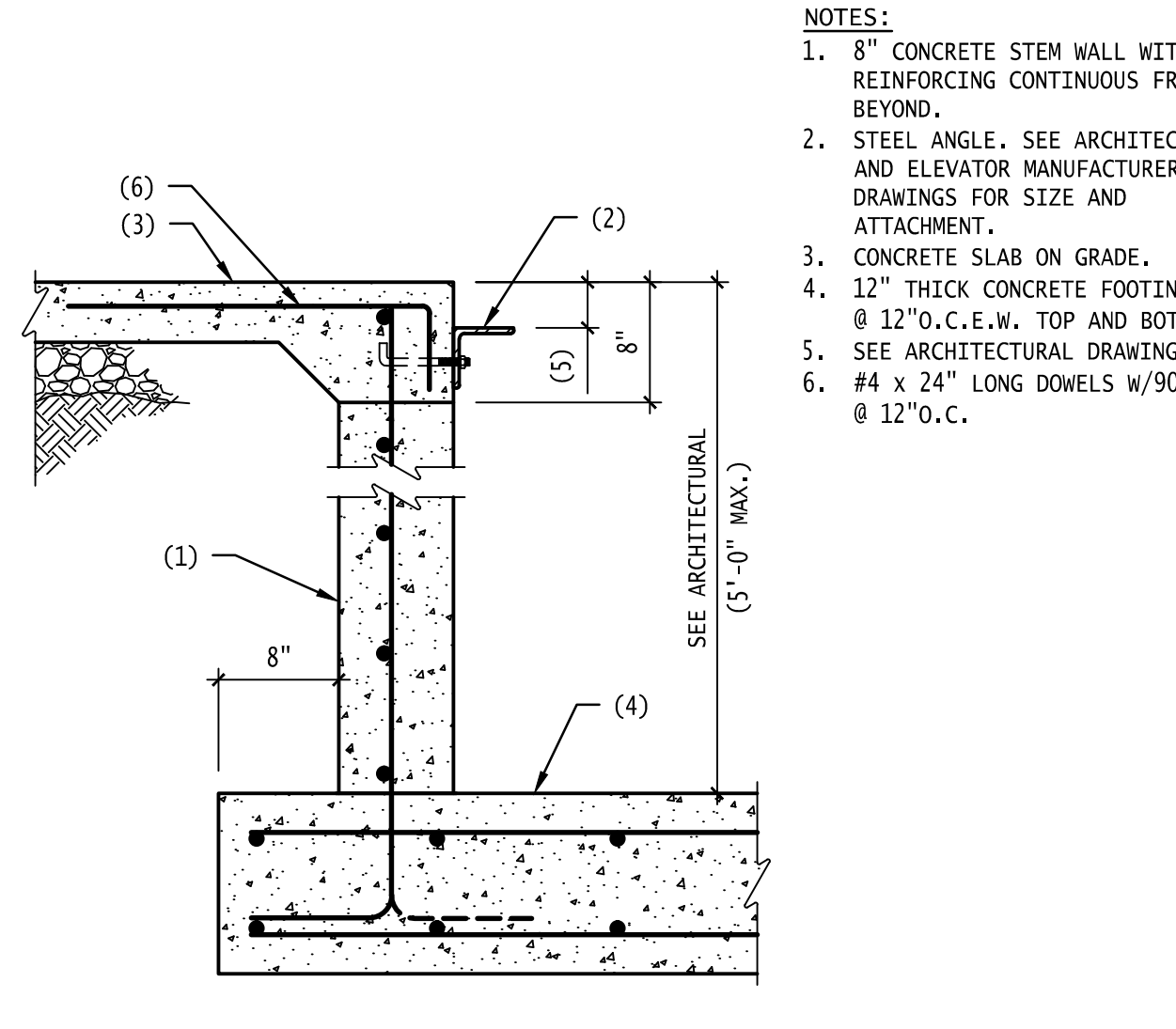
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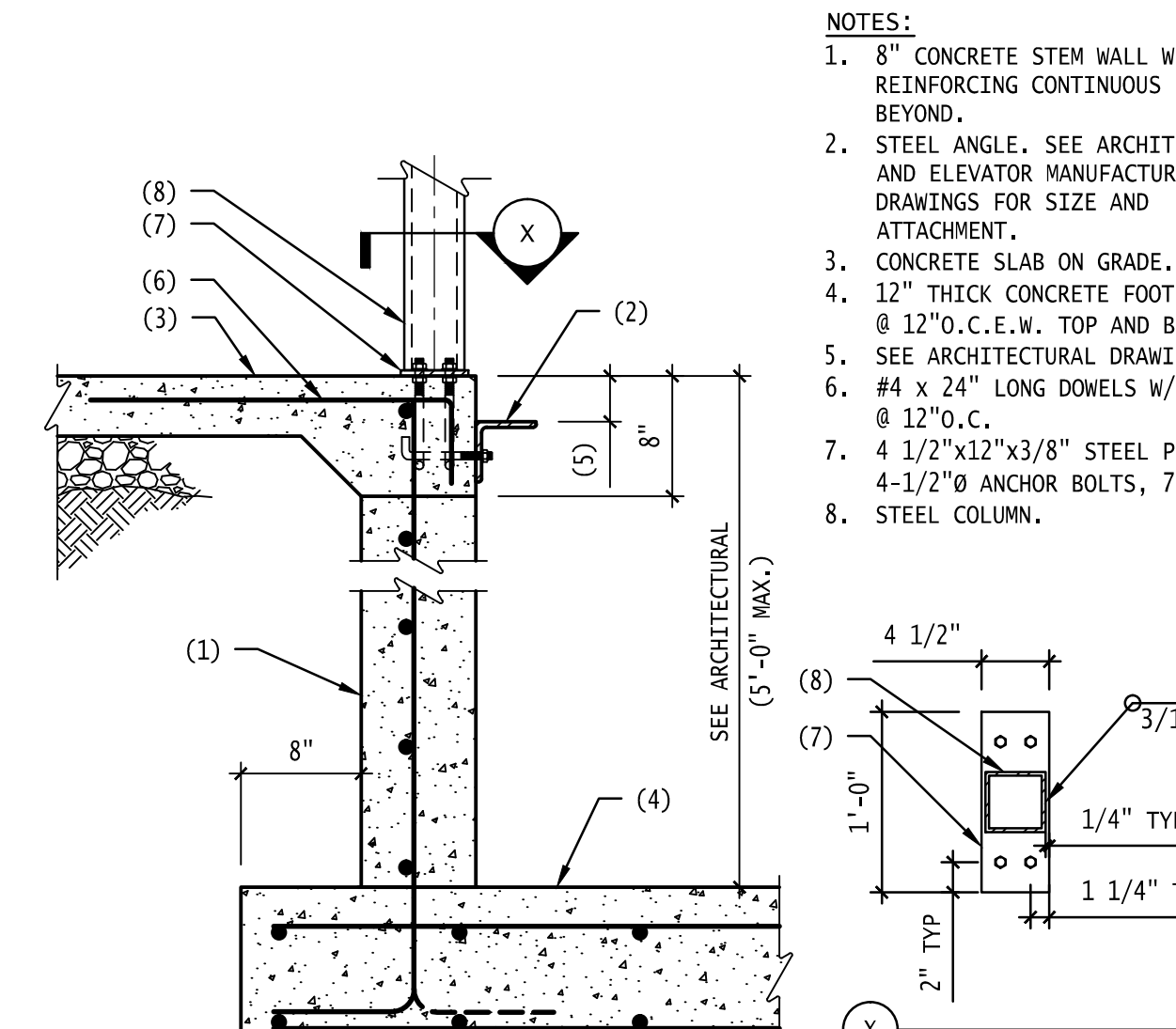
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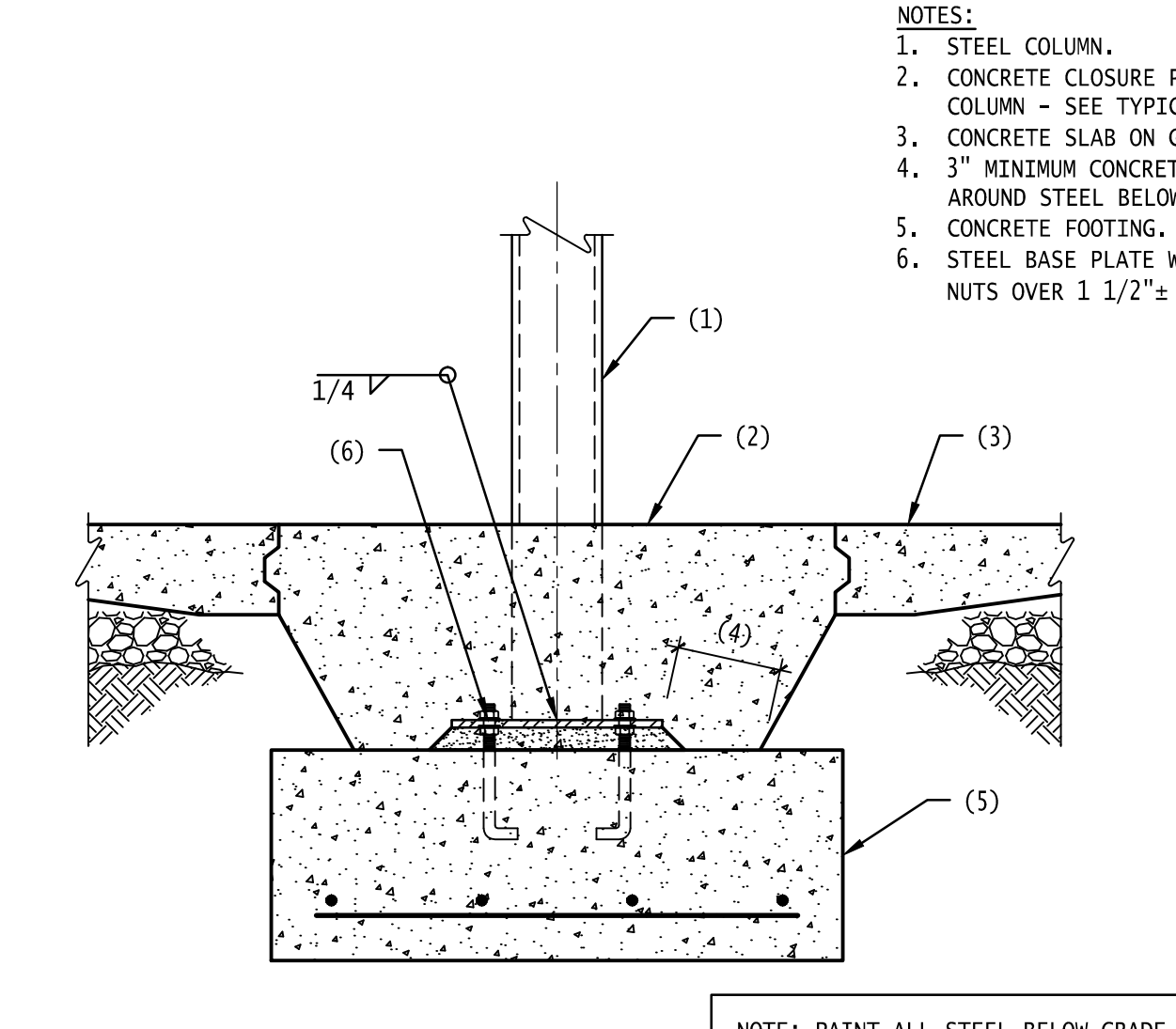
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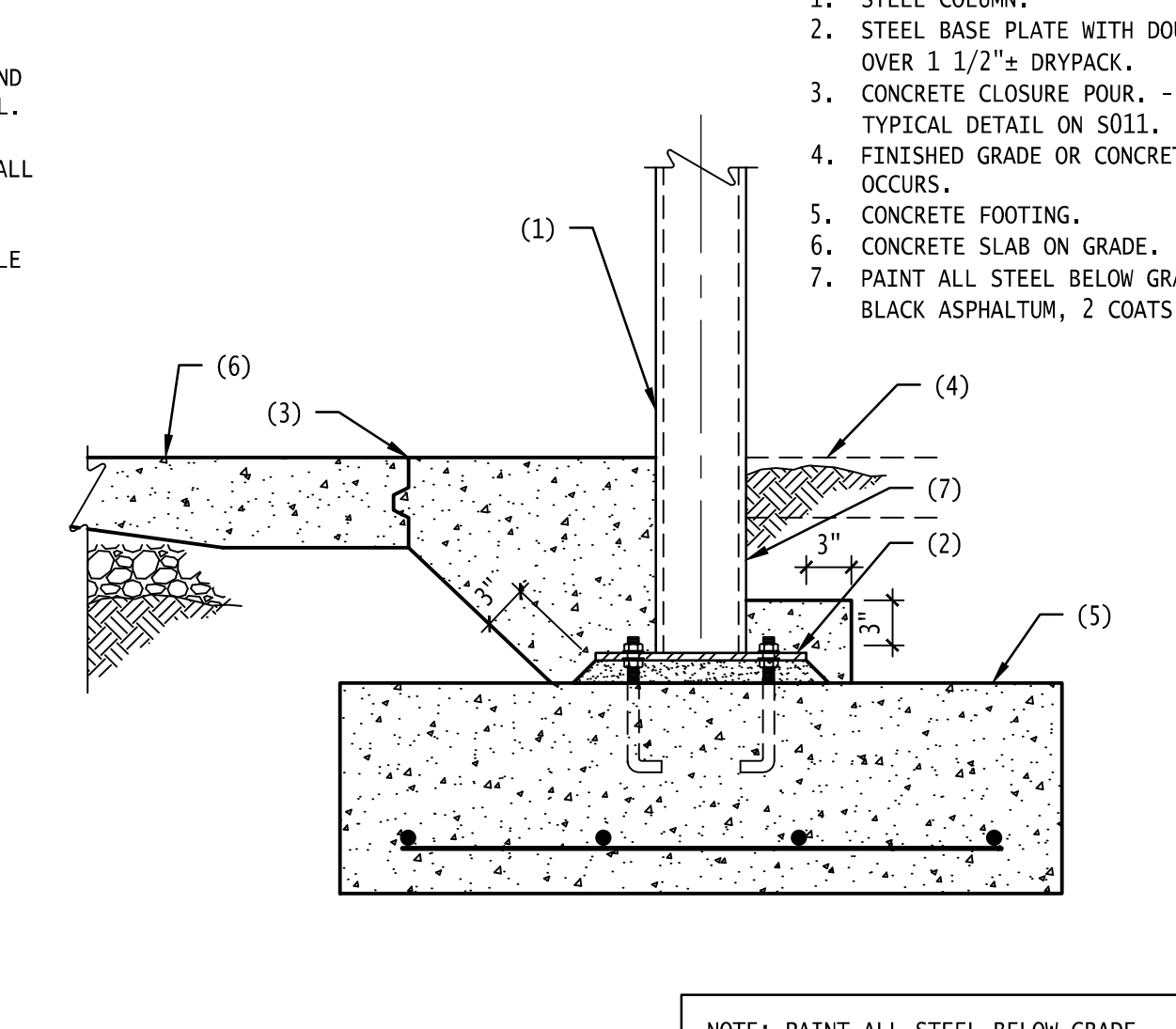
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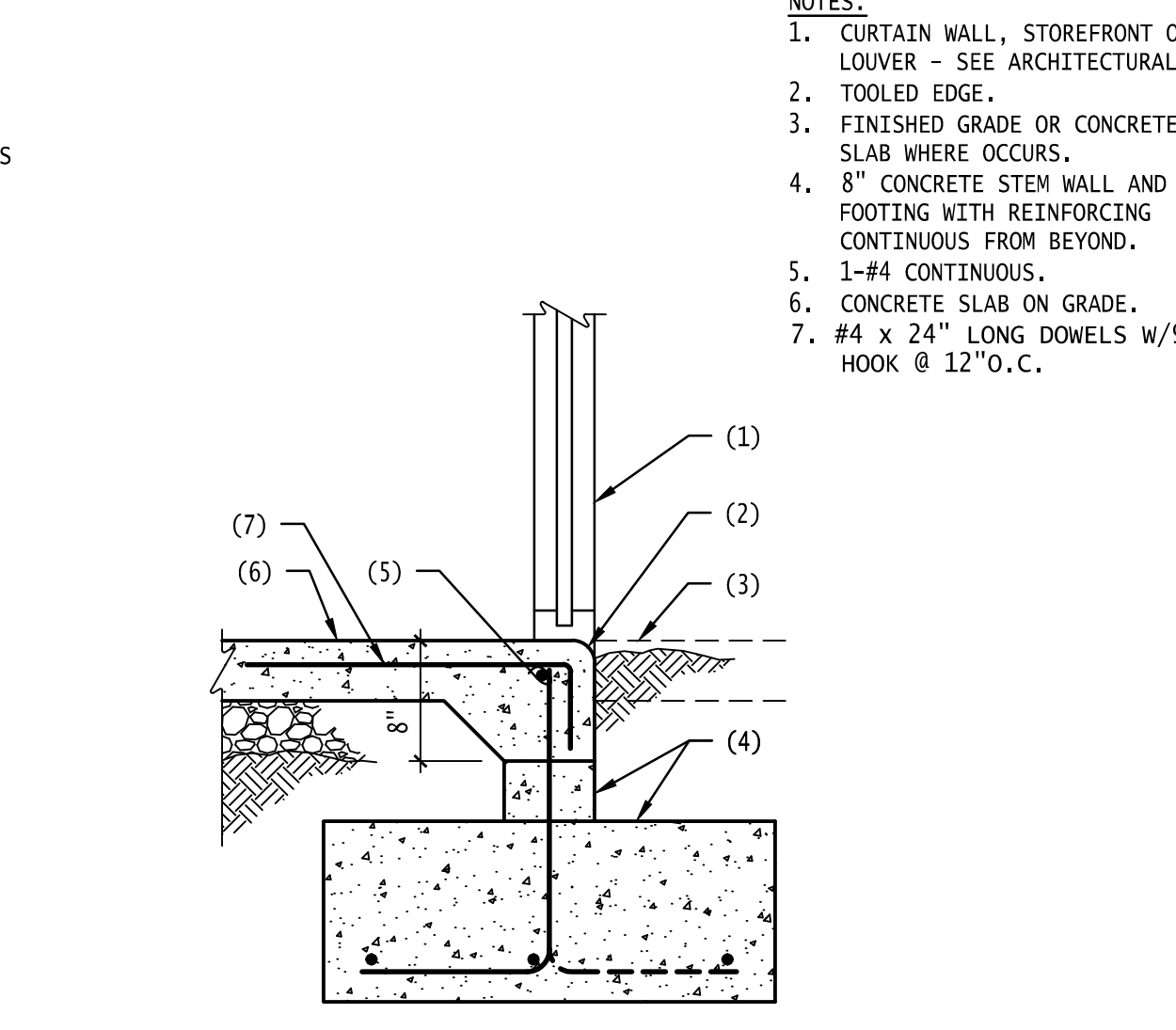
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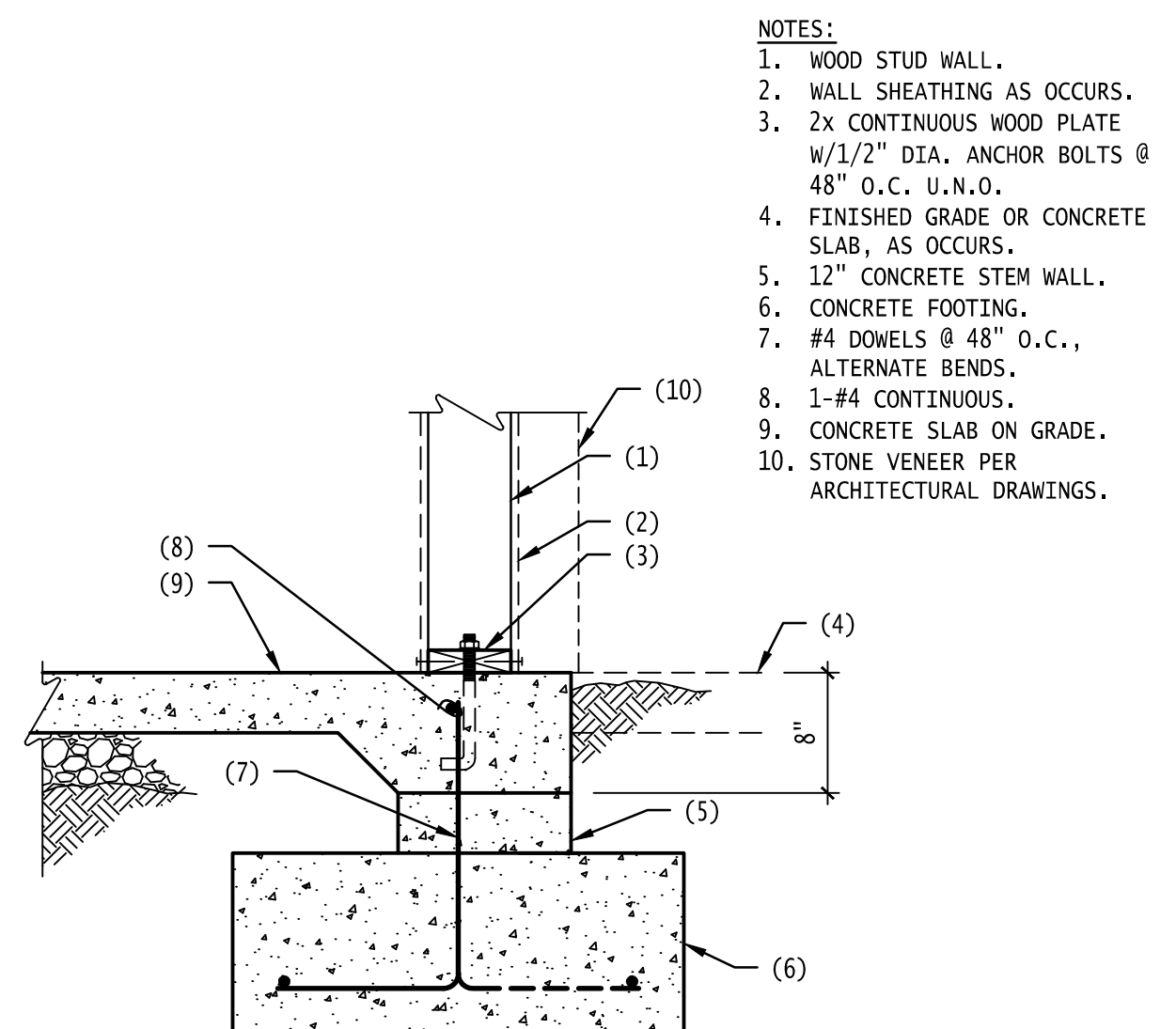
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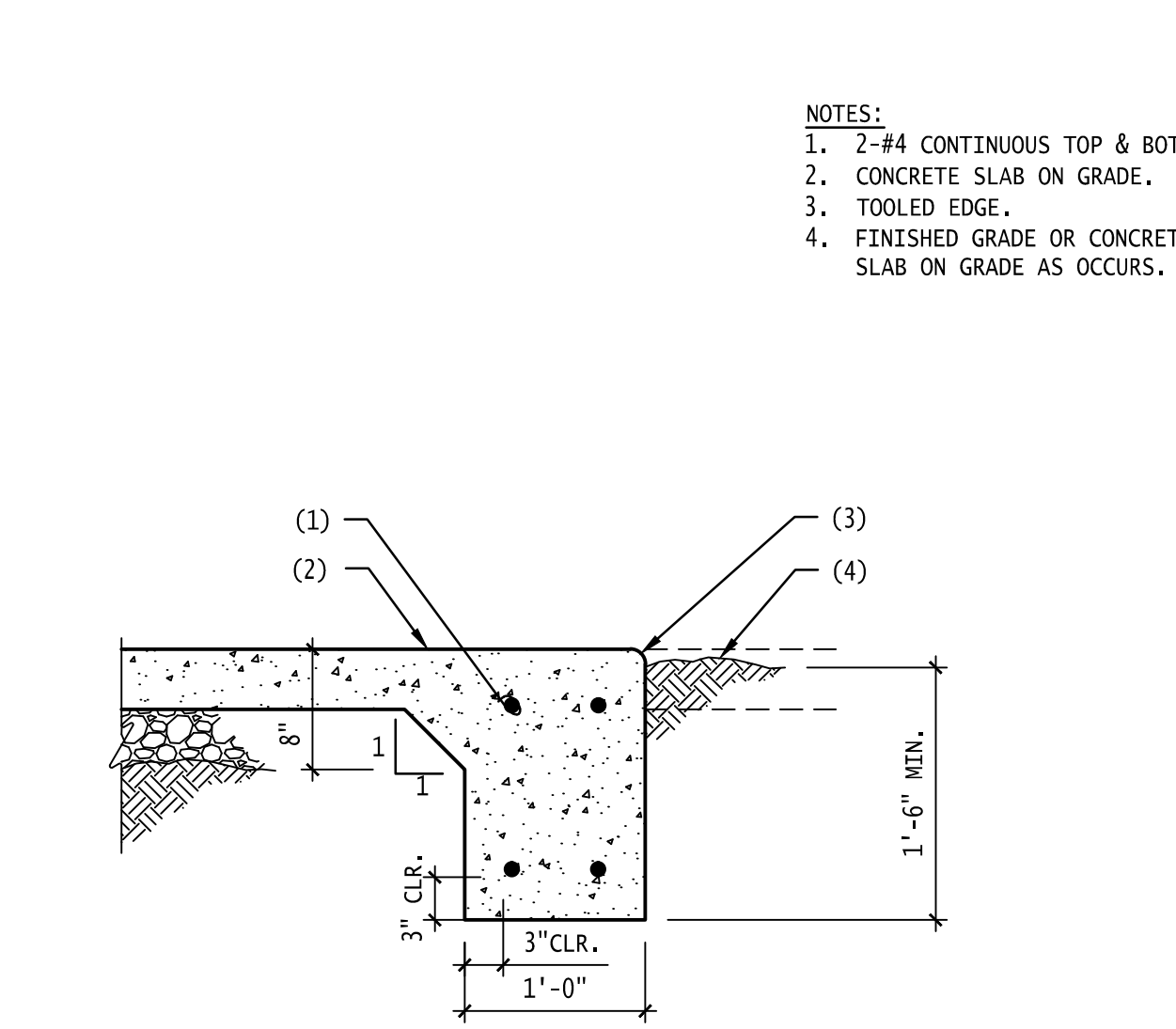
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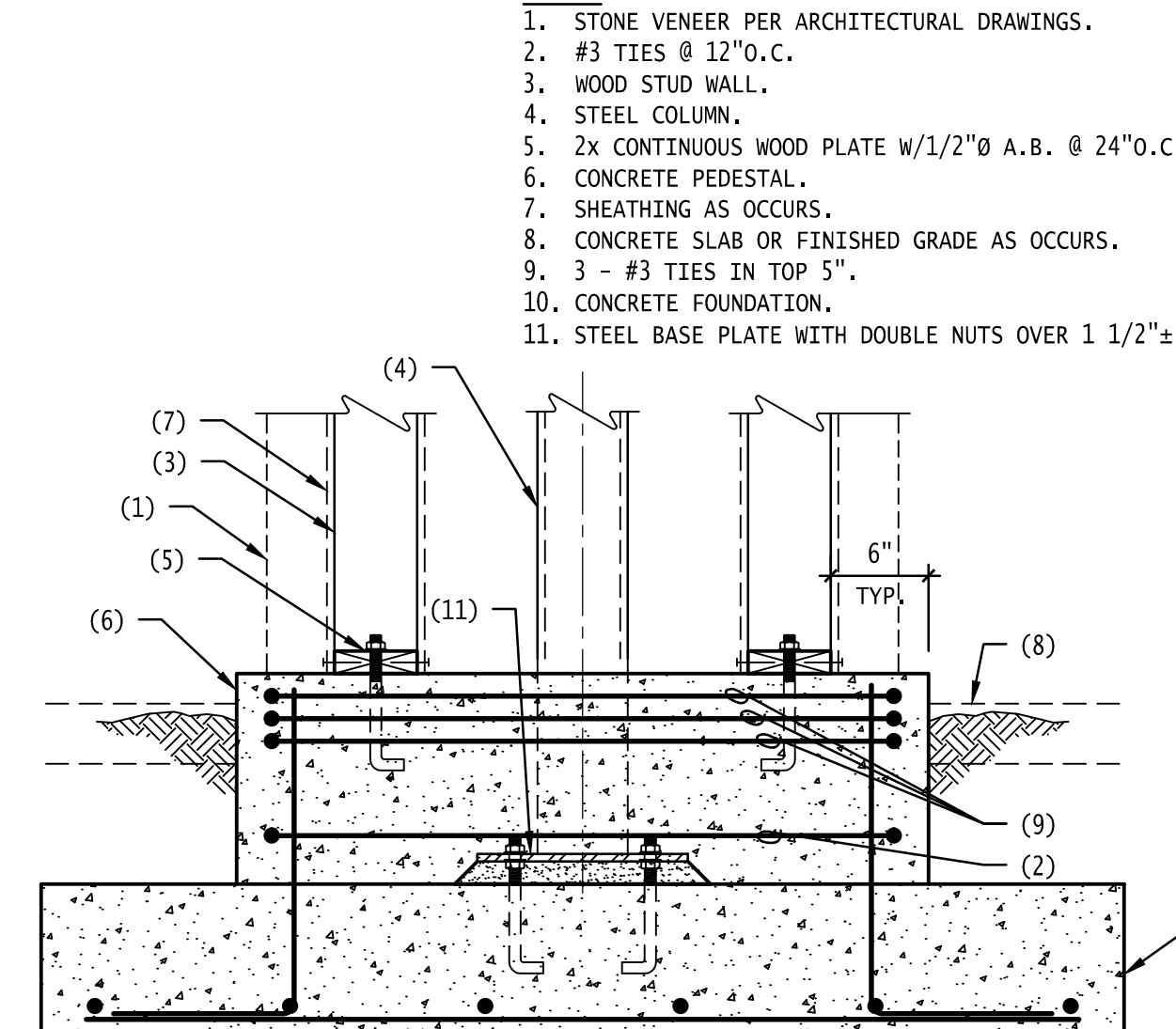
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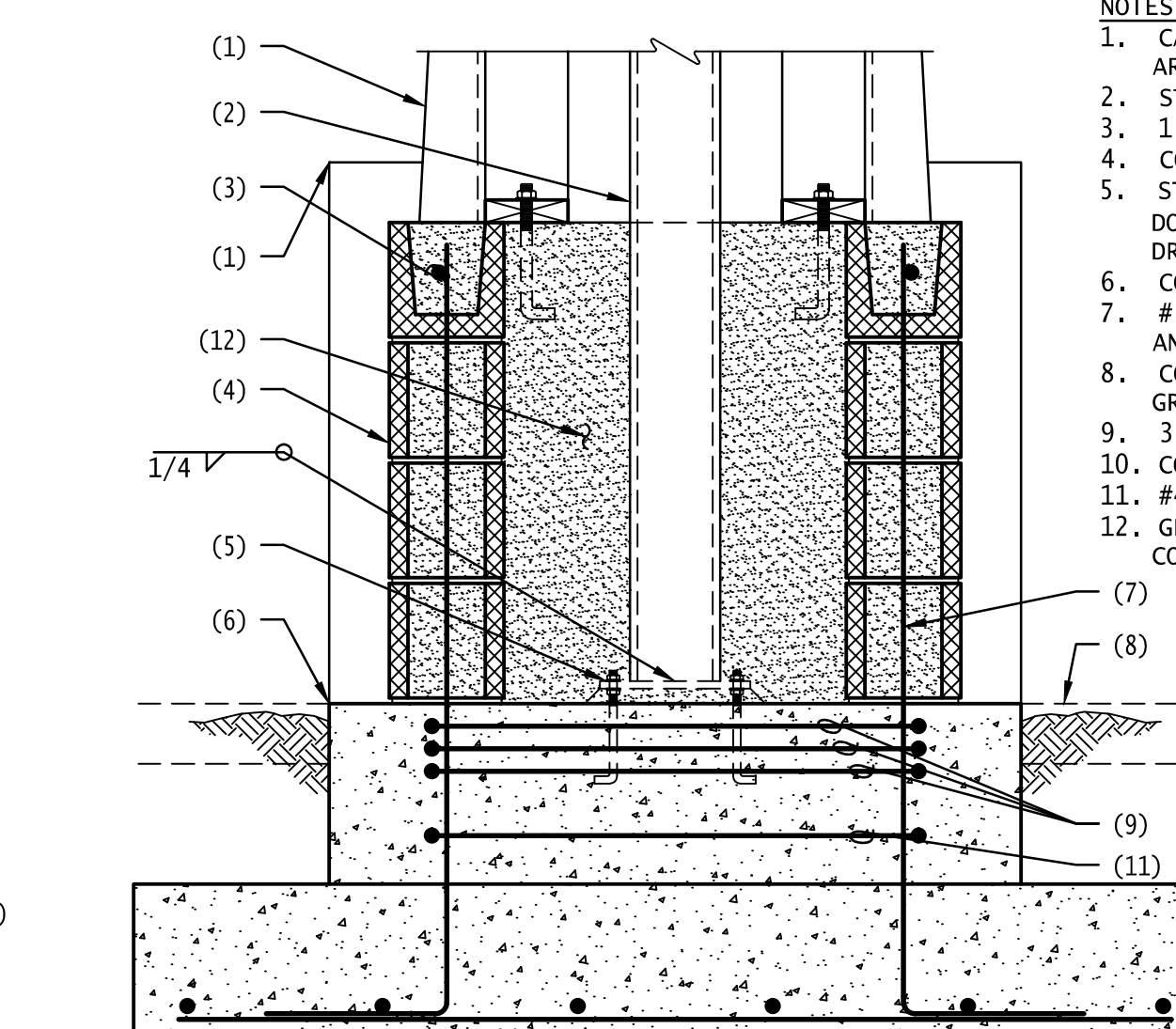
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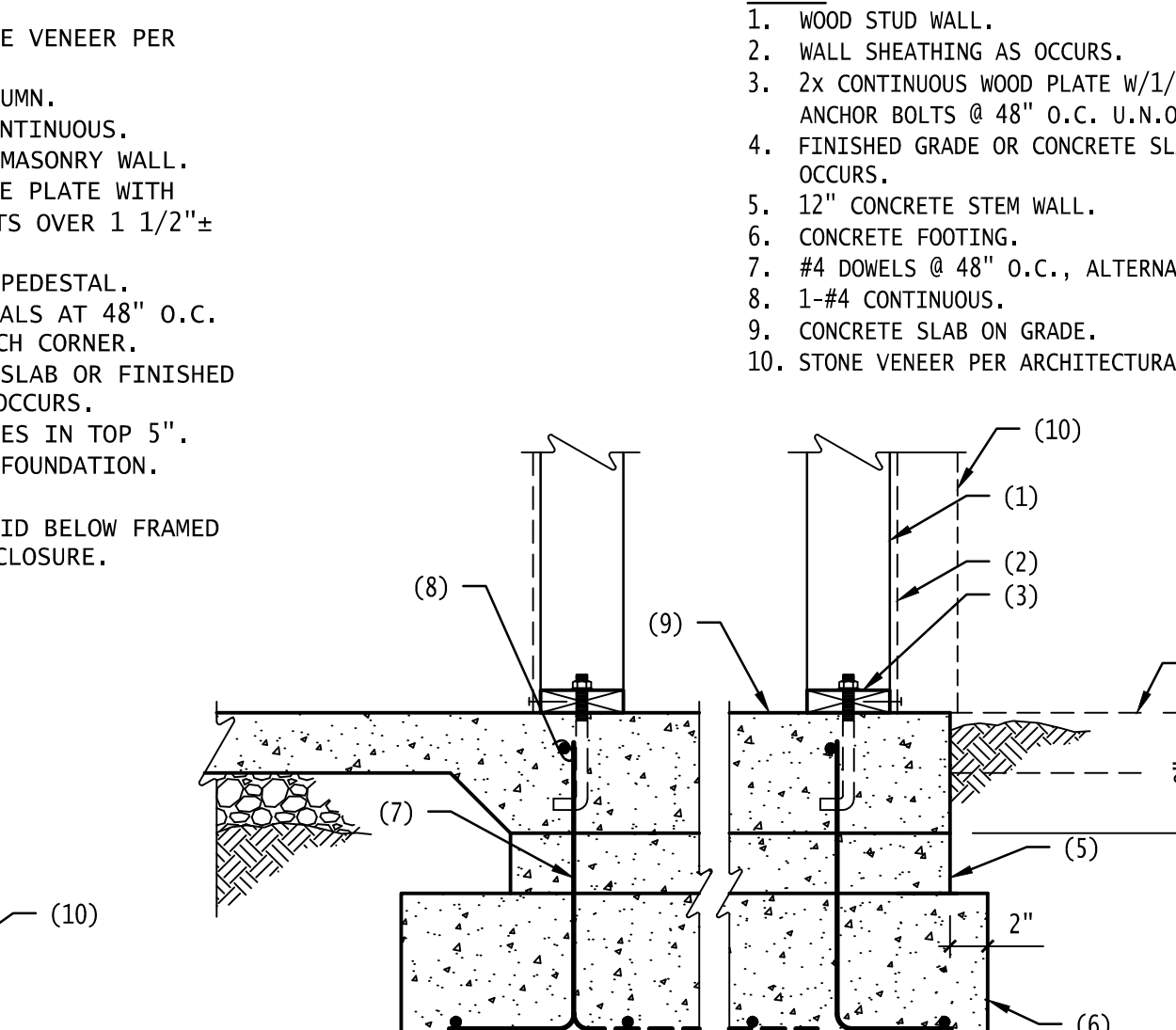
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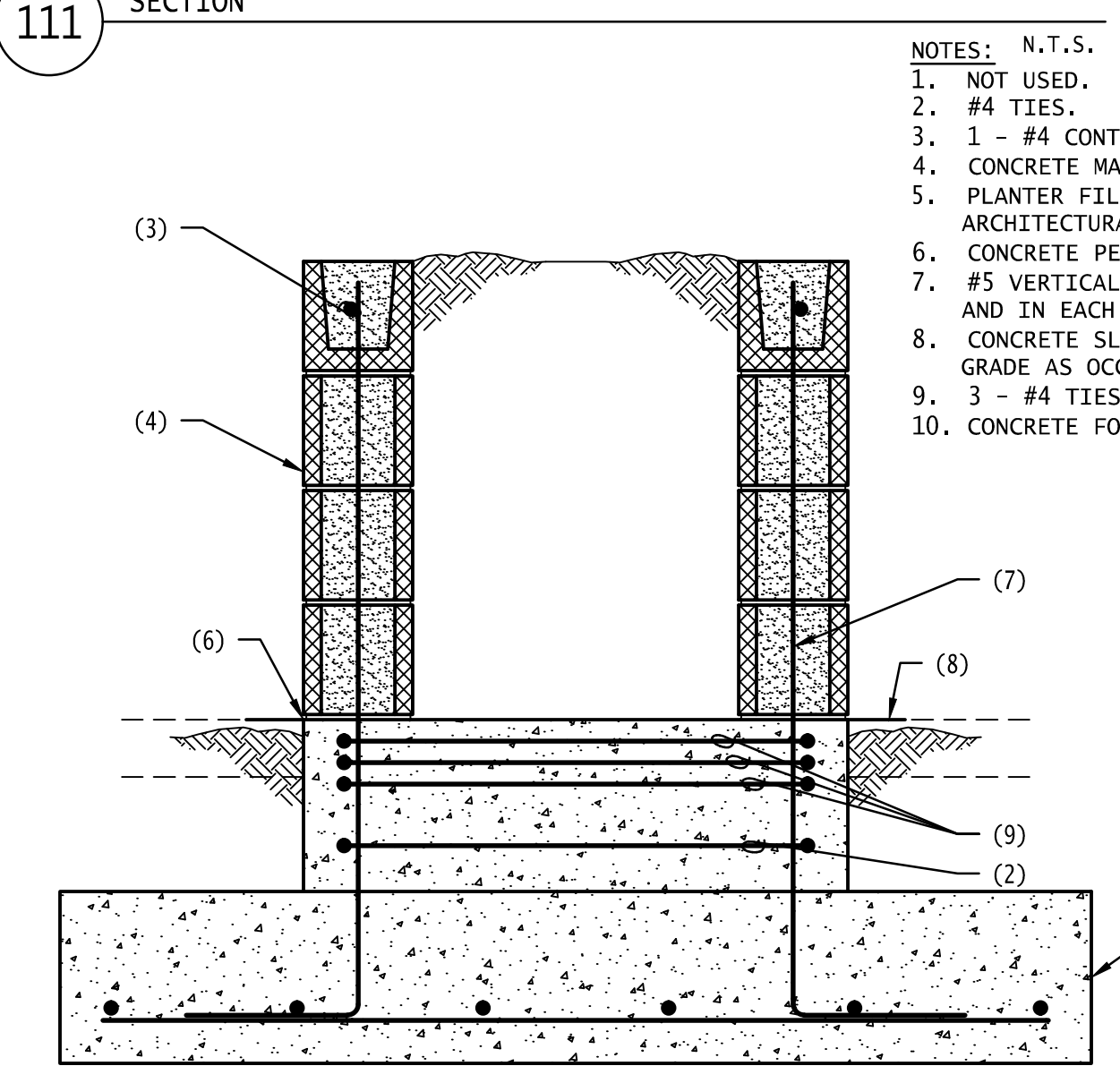
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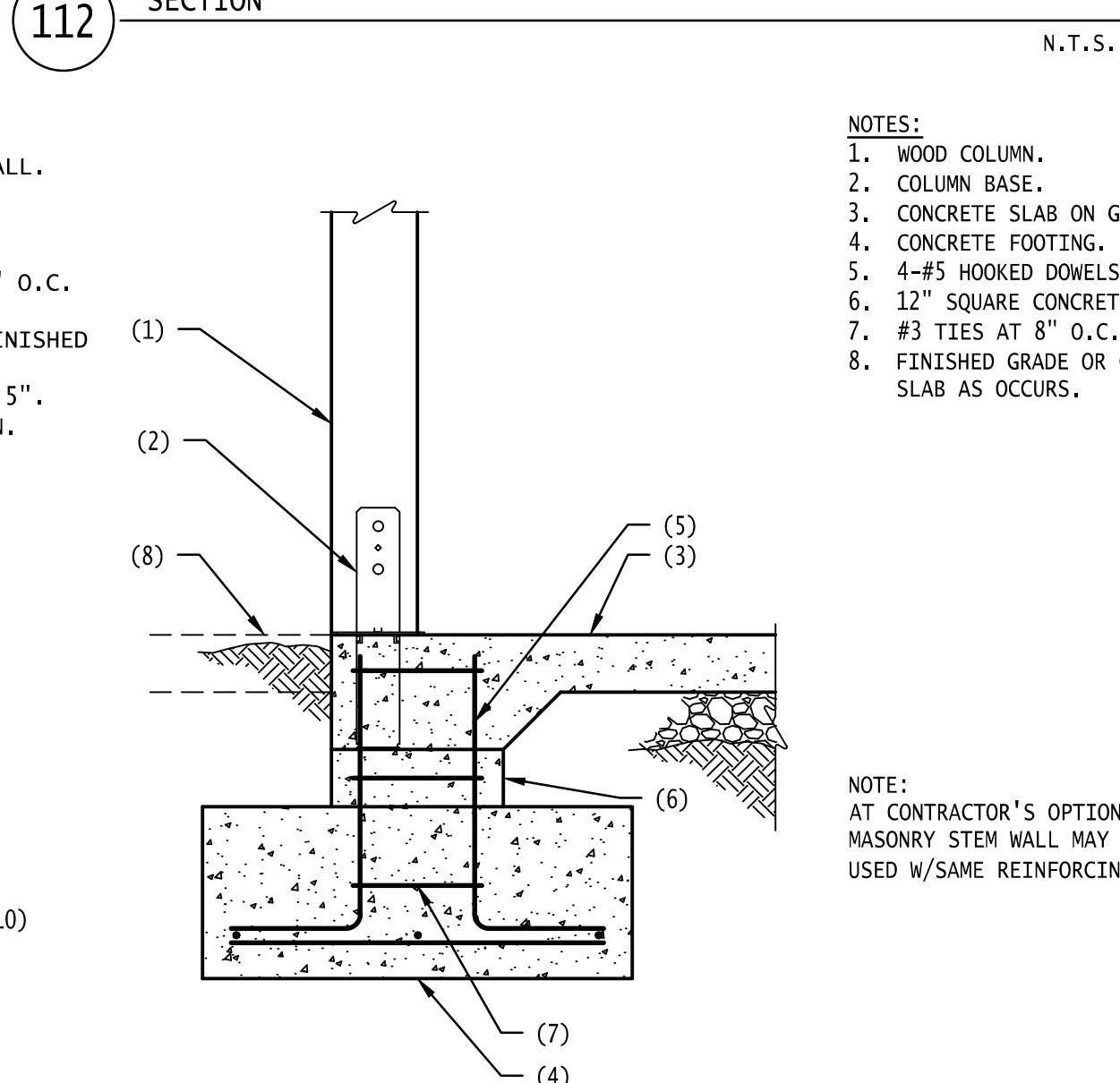
114 SECTION N.T.S.



115 SECTION N.T.S.

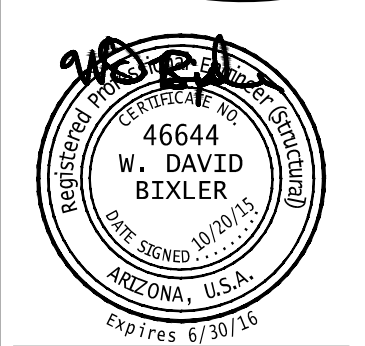


116 SECTION N.T.S.



117 SECTION N.T.S.

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1170 S. ARIZONA AVE.
Candler, Arizona, 85286

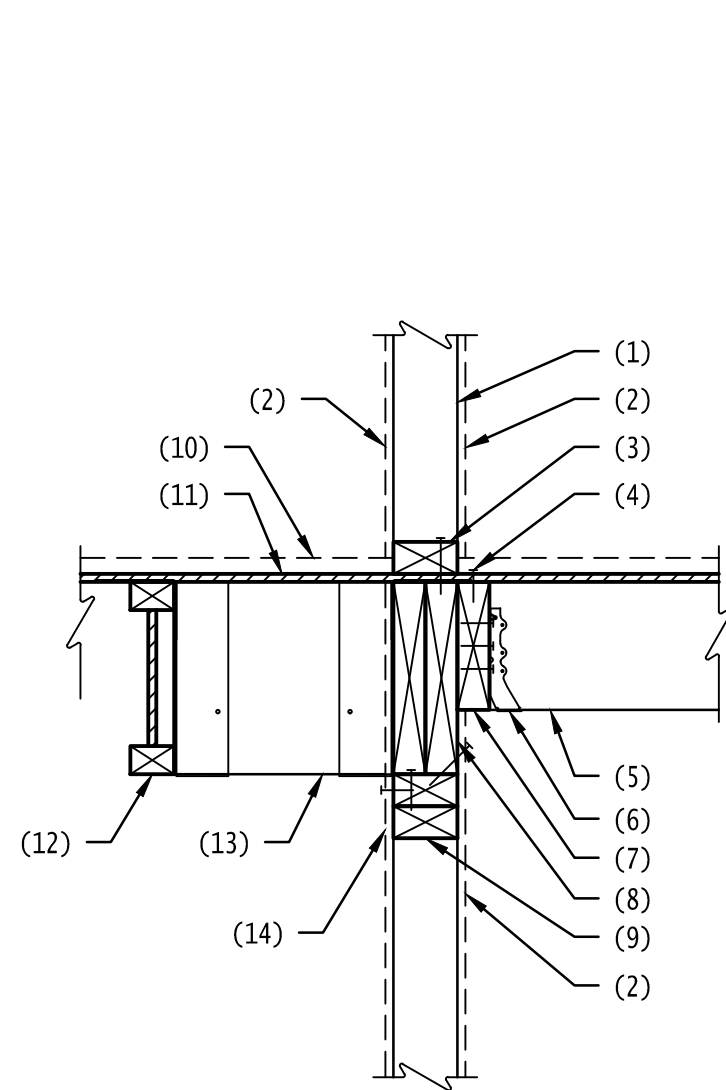


JOB NUMBER
1401
DATE
07-23-2015
1st City Comments
09-11-2015

FOUNDATION
SECTION &
DETAILS

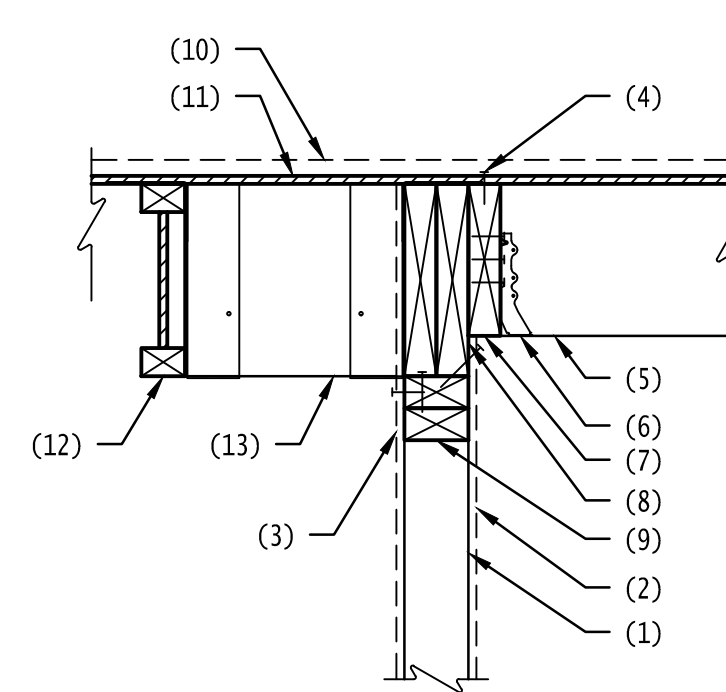
S401

8360 East Raintree Drive
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Fax: (480) 588-8584
david.bixler@dbaeng.com
DAVID BIXLER & ASSOCIATES
Proj. No. 15-049



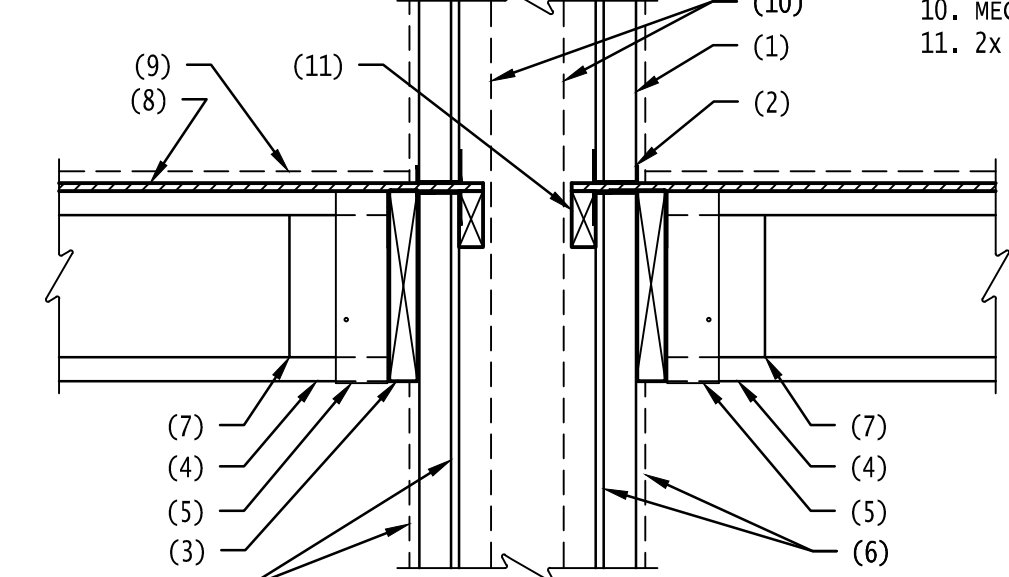
- NOTES:
- WOOD STUD WALL.
 - SHEATHING MATERIAL AS OCCURS.
 - CONTINUOUS BOTTOM PLATE W/ 16d NAILS AT 12" O.C. STAGGERED, U.N.O.
 - EDGE NAILING.
 - WOOD JOIST.
 - SIMPSON LUS28 HANGER.
 - 2x8 LEDGER WITH 3-16d NAILS AT 12" O.C.
 - DOUBLE CONTINUOUS 1 1/4" I-LEVEL RIMBOARD.
 - DOUBLE 2x TOP PLATE WITH 16d AT 12" O.C. U.N.O.
 - GYPCRETE TOPPING PER ARCHITECTURAL.
 - PLYWOOD SHEATHING.
 - WOOD I-JOIST.
 - 12" I-JOIST BLOCKING AT 24" O.C. WITH SIMPSON LB212 HANGERS.
 - SHEATHING MATERIAL TO CONTINUE TO FLOOR SHEATHING ABOVE.

201 SECTION N.T.S.



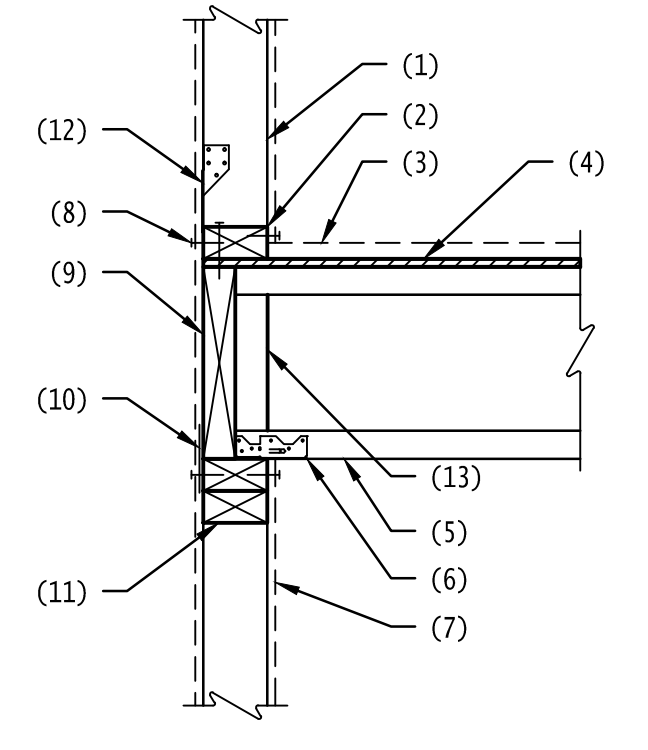
- NOTES:
- WOOD STUD WALL.
 - SHEATHING MATERIAL AS OCCURS.
 - SHEATHING MATERIAL TO CONTINUE TO FLOOR SHEATHING ABOVE.
 - EDGE NAILING.
 - WOOD JOIST.
 - SIMPSON LUS28 HANGER.
 - 2x8 LEDGER WITH 3-16d NAILS AT 12" O.C.
 - DOUBLE CONTINUOUS 1 1/4" I-LEVEL RIMBOARD.
 - DOUBLE 2x TOP PLATE WITH 16d AT 12" O.C.
 - GYPCRETE TOPPING PER ARCHITECTURAL.
 - PLYWOOD SHEATHING.
 - WOOD I-JOIST.
 - 12" I-JOIST BLOCKING AT 24" O.C. WITH SIMPSON LB212 HANGERS.

202 SECTION N.T.S.



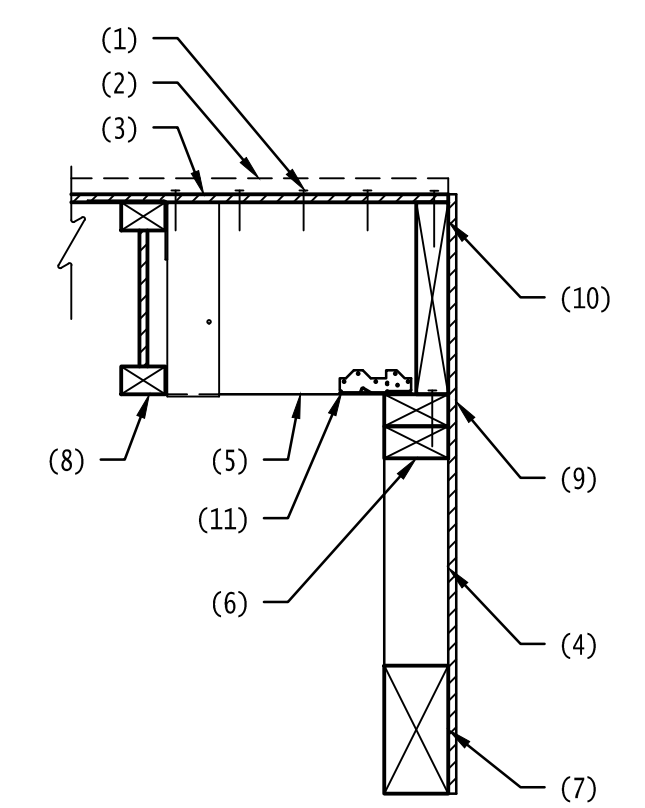
- NOTES:
- 2 1/2" DEEP C-H STUDS AT 24" O.C.
 - 2 1/2" I-SHAPED RUNNERS (TYPICAL TOP & BOTTOM @ C-H STUDS).
 - WOOD BEAM W/SIMPSON LB212 HANGERS EACH END.
 - WOOD I-JOIST.
 - SIMPSON HB TYPE HANGER.
 - SHEATHING AS OCCURS.
 - WEB STIFFENER.
 - PLYWOOD SHEATHING.
 - GYPCRETE TOPPING PER ARCHITECTURAL DRAWINGS.
 - MECHANICAL DUCT.
 - 2x BLOCKING.

203 SECTION N.T.S.



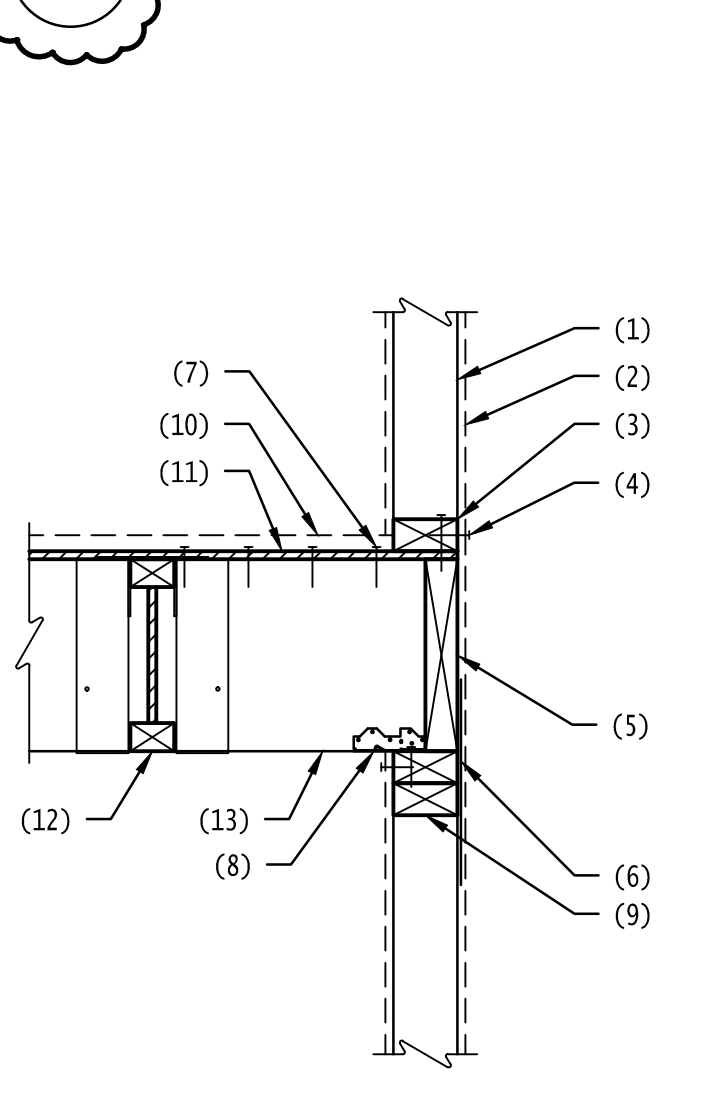
- NOTES:
- WOOD STUD WALL.
 - CONTINUOUS BOTTOM PLATE WITH 16d NAILS AT 12" O.C. U.N.O.
 - GYPCRETE TOPPING PER ARCHITECTURAL.
 - PLYWOOD SHEATHING.
 - WOOD I-JOIST.
 - SIMPSON A35 AT EVERY JOIST.
 - SHEATHING MATERIAL AS OCCURS.
 - EDGE NAILING.
 - CONTINUOUS 1 1/4" I-LEVEL RIMBOARD.
 - SIMPSON LTP4 AT 16" O.C. TO RIMBOARD.
 - DOUBLE 2x CONTINUOUS TOP PLATE WITH 16d AT 12" O.C.
 - SIMPSON H2.5 EACH STUD.
 - WEB STIFFENER.

204 SECTION N.T.S.



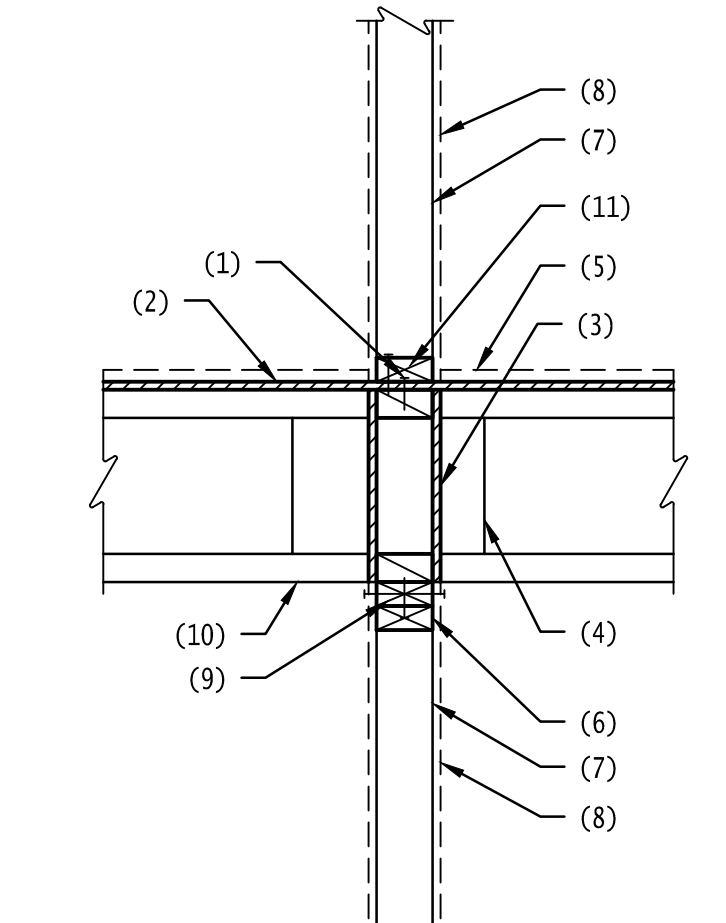
- NOTES:
- 8d NAILS AT 4" O.C. AT BLOCKING.
 - GYPCRETE TOPPING PER ARCHITECTURAL.
 - PLYWOOD SHEATHING.
 - WOOD STUD WALL.
 - 2x12 BLOCKING AT 48" O.C. WITH SIMPSON LB212 TYPE HANGER.
 - DOUBLE 2x CONTINUOUS TOP PLATE WITH 16d AT 12" O.C. STAGGERED.
 - WOOD LINTEL.
 - WOOD I-JOIST.
 - SHEATHING MATERIAL AS OCCURS.
 - CONTINUOUS 1 1/4" I-LEVEL RIMBOARD.
 - SIMPSON A35 AT 24" O.C.

205 SECTION N.T.S.



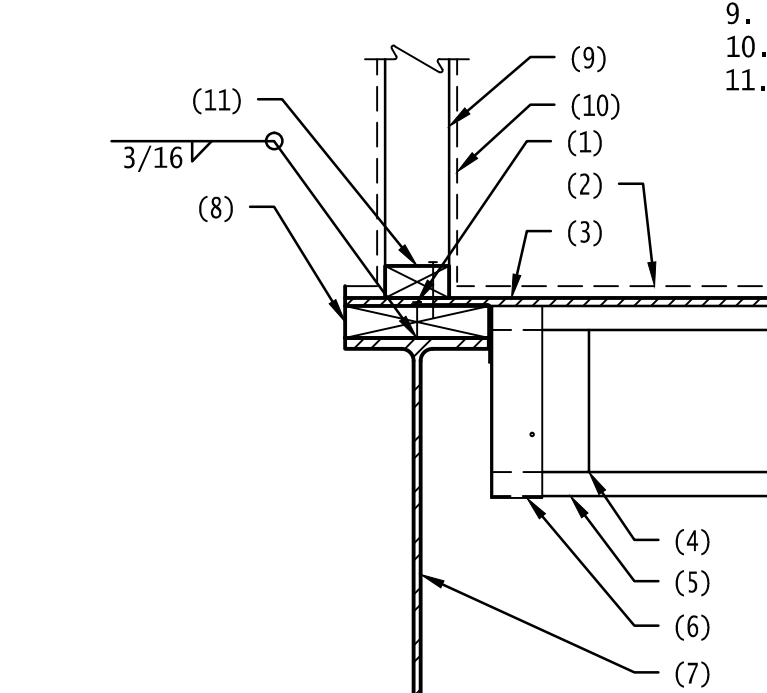
- NOTES:
- WOOD STUD WALL.
 - SHEATHING MATERIAL AS OCCURS.
 - CONTINUOUS BOTTOM PLATE WITH 16d NAILS AT 12" O.C. STAGGERED, U.N.O.
 - EDGE NAILING.
 - CONTINUOUS 1 1/4" I-LEVEL RIMBOARD.
 - SIMPSON LPT4 AT 16" O.C.
 - 8d NAILS AT 4" O.C. AT BLOCKING.
 - SIMPSON A35 AT 24" O.C.
 - DOUBLE 2x TOP PLATE WITH 16d AT 12" O.C.
 - GYPCRETE TOPPING PER ARCHITECTURAL.
 - PLYWOOD SHEATHING.
 - WOOD I-JOIST.
 - 2x12 BLOCKING AT 24" O.C. WITH SIMPSON LB212 HANGERS. CONTINUE BLOCKING FOR 2 BAYS.

206 SECTION N.T.S.



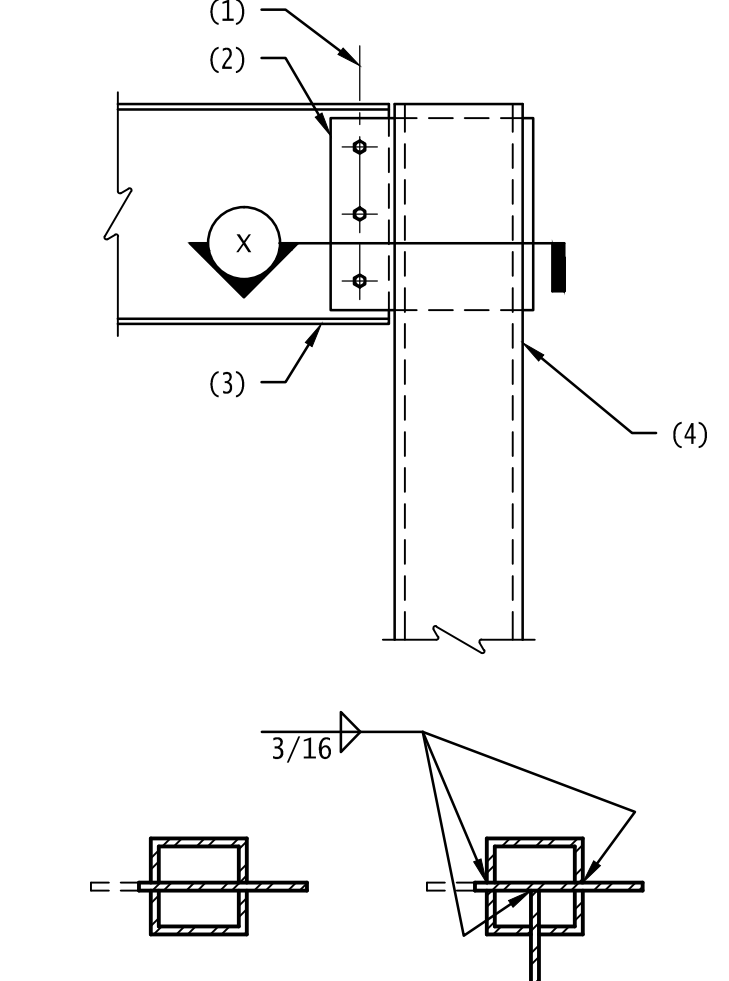
- NOTES:
- EDGE NAILING.
 - PLYWOOD SHEATHING.
 - REFER TO TYPICAL PLYWOOD SHEAR PANEL DETAIL ON SHEET S031.
 - WEB STIFFENER.
 - GYPCRETE TOPPING PER ARCHITECTURAL.
 - DOUBLE 2x CONTINUOUS TOP PLATE WITH 16d NAILS AT 12" O.C.
 - WOOD STUD WALL.
 - SHEATHING MATERIAL AND ATTACHMENT AS OCCURS.
 - 3 - 16d PER PANEL - STAGGERED TOP & BOTTOM.
 - WOOD I-JOIST (STAGGER OVER SUPPORTS).
 - 2x CONTINUOUS PLATE.

207 SECTION N.T.S.



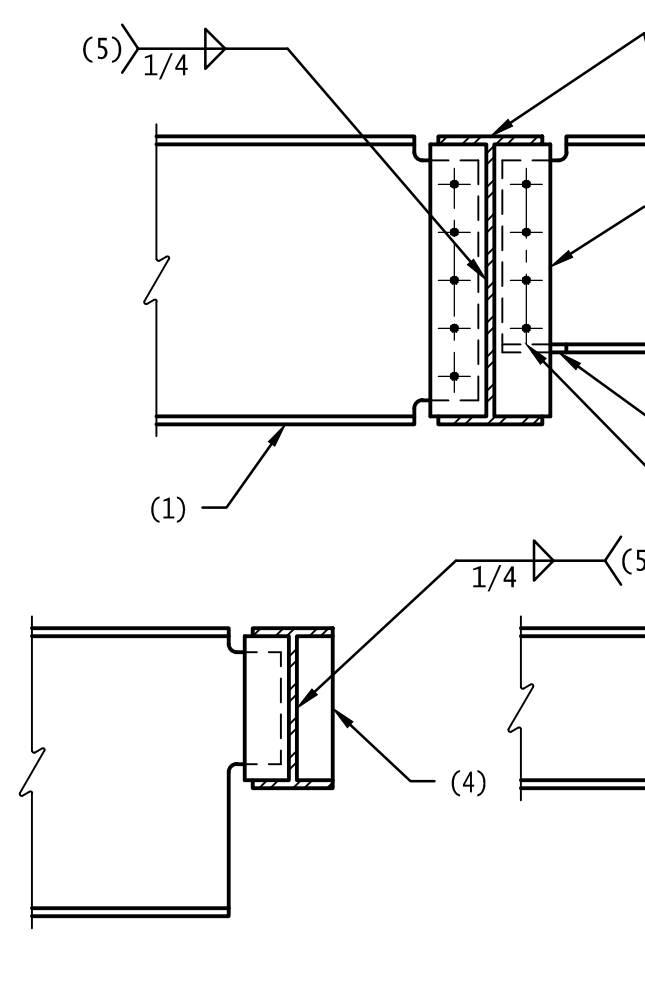
- NOTES:
- 1/2" STUDS WELDED TO STEEL BEAM AT 24" O.C. COUNTERSUNK.
 - GYPCRETE TOPPING PER ARCHITECTURAL.
 - PLYWOOD SHEATHING.
 - WEB STIFFENER.
 - WOOD I-JOIST.
 - SIMPSON HB TYPE HANGER.
 - STEEL BEAM.
 - 3x WOOD NAILER.
 - WOOD STUD WALL.
 - SHEATHING MATERIAL AS OCCURS.
 - CONTINUOUS BOTTOM PLATE WITH 16d NAILS AT 12" O.C. STAGGERED, U.N.O.

208 SECTION N.T.S.



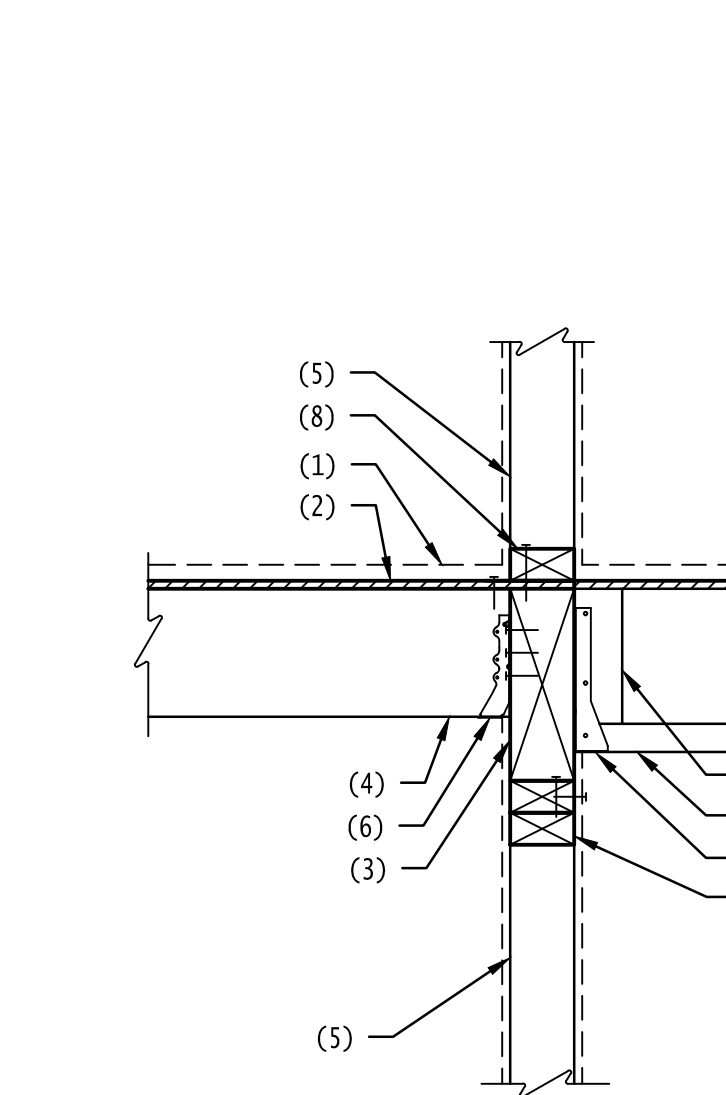
- NOTES:
- FOR SIZE, TYPE AND NUMBER OF BOLTS, SEE TYPICAL BOLT SCHEDULE.
 - 3/8" STEEL THRU PLATE - 5/8" STEEL THRU PLATE WHERE "D" = 27" OR GREATER.
 - STEEL BEAM.
 - STEEL COLUMN.

209 SECTION N.T.S.



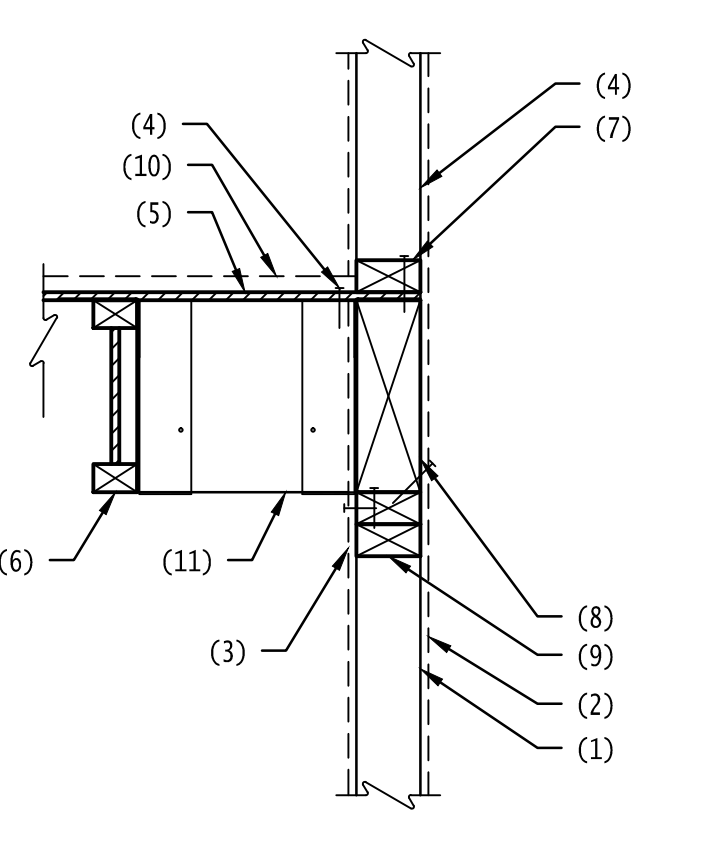
- NOTES:
- STEEL BEAM.
 - 3/8" STEEL SHEAR PLATE.
 - BOLTS, SEE TYPICAL BOLT SCHEDULE FOR ADDITIONAL DETAILS.
 - AT ONE SIDED CONNECTIONS, INSTALL 3/8" STIFFENER PLATE OPPOSITE SHEAR PLATE.
 - WELD 3 SIDES TYPICAL.
 - COPE NEAR SIDE OF BEAM FLANGE AS REQUIRED.

210 SECTION N.T.S.



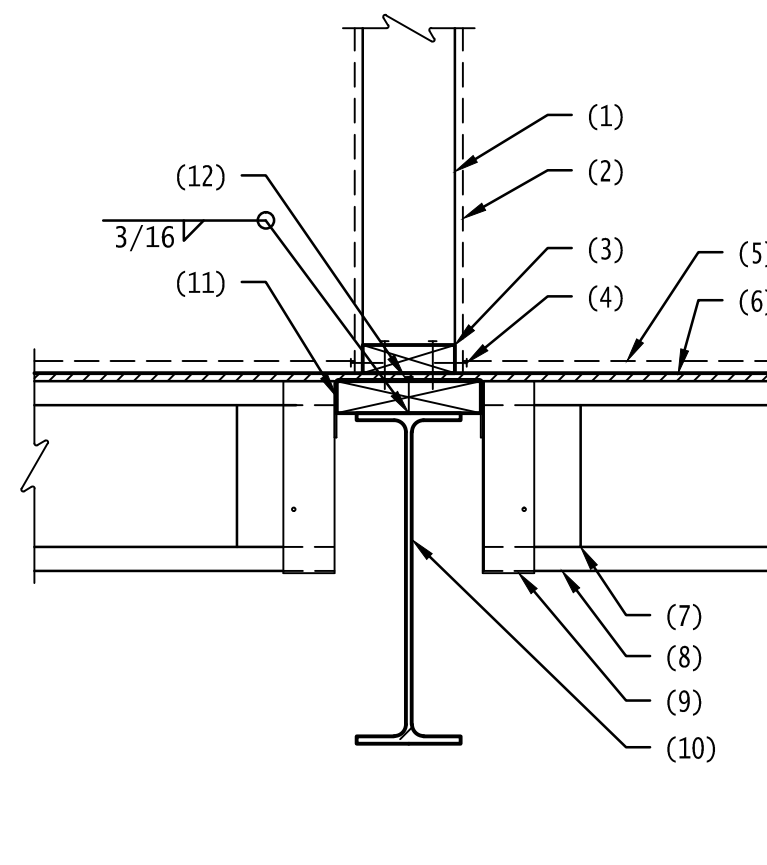
- NOTES:
- GYPCRETE TOPPING PER ARCHITECTURAL.
 - PLYWOOD SHEATHING.
 - 4x12 WOOD BEAM.
 - WOOD JOIST.
 - WOOD STUD WALL.
 - SIMPSON H210TF HANGER.
 - DOUBLE 2x TOP PLATE WITH 16d NAILS @ 12" O.C.
 - CONTINUOUS BOTTOM PLATE WITH 16d NAILS AT 12" O.C. STAGGERED, U.N.O.
 - SIMPSON HB TYPE HANGER.
 - WOOD I-JOIST.
 - WEB STIFFENER.

211 SECTION N.T.S.



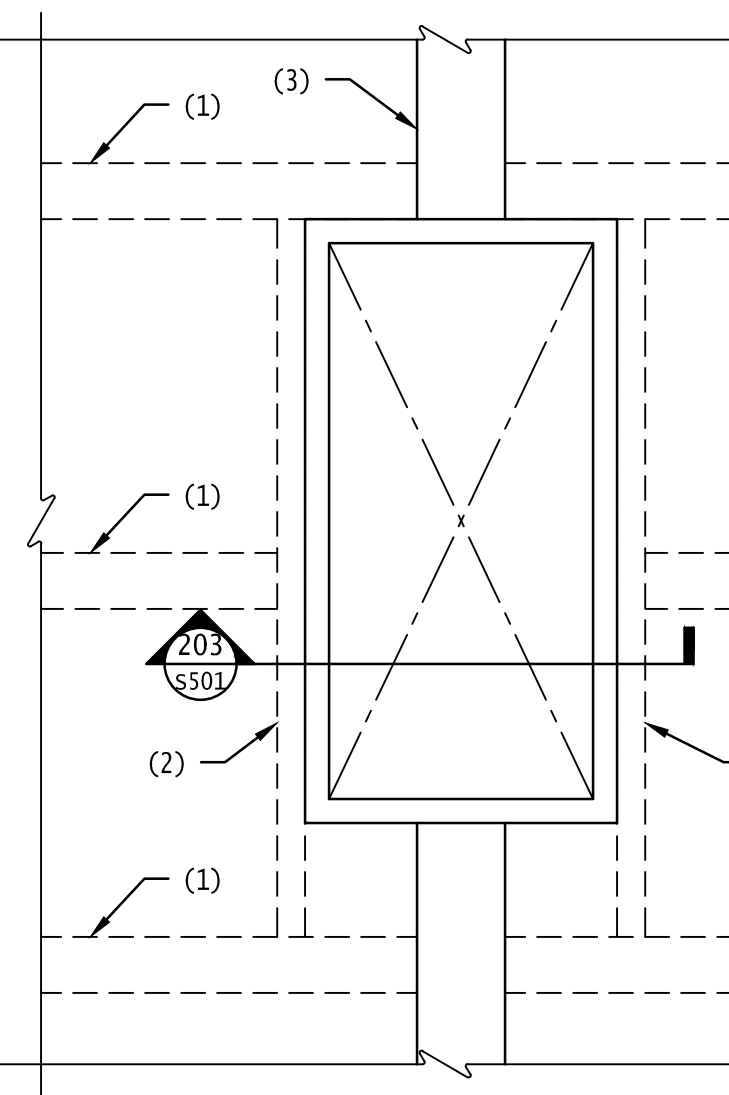
- NOTES:
- WOOD STUD WALL.
 - SHEATHING MATERIAL AS OCCURS.
 - SHEATHING MATERIAL TO CONTINUE TO FLOOR SHEATHING ABOVE.
 - EDGE NAILING.
 - PLYWOOD SHEATHING.
 - WOOD I-JOIST.
 - CONTINUOUS BOTTOM PLATE W/16d NAILS AT 12" O.C. STAGGERED, U.N.O.
 - 6x12 WOOD BEAM.
 - DOUBLE 2x TOP PLATE WITH 16d AT 12" O.C.
 - GYPCRETE TOPPING PER ARCHITECTURAL.
 - 2x12 BLOCKING AT 24" O.C. WITH SIMPSON LB212 HANGER EACH END.

212 SECTION N.T.S.



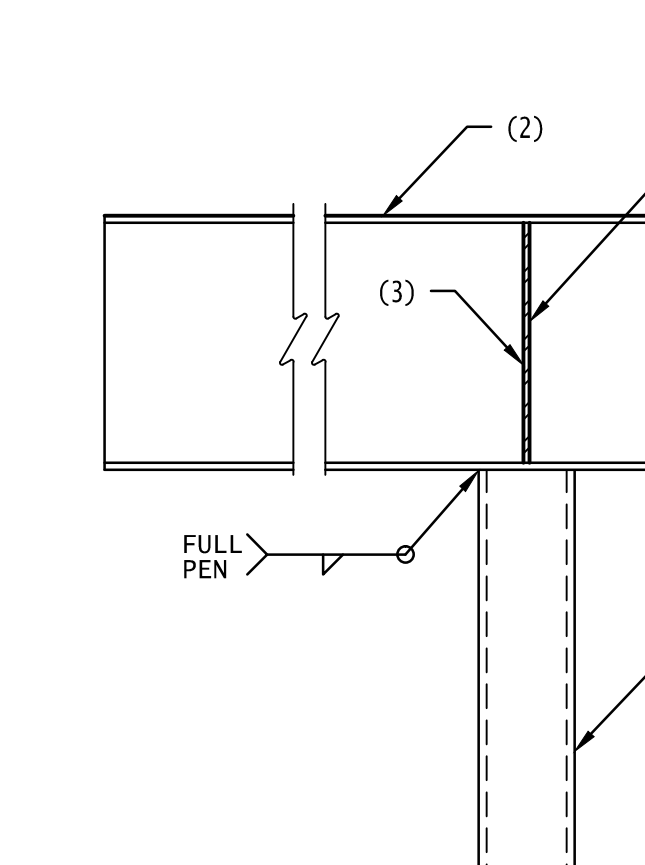
- NOTES:
- WOOD STUD WALL.
 - SHEATHING MATERIAL AS OCCURS.
 - CONTINUOUS 2x WOOD PLATE WITH 16d NAILS AT 12" O.C. STAGGERED.
 - EDGE ATTACHMENT.
 - GYPCRETE TOPPING PER ARCHITECTURAL.
 - PLYWOOD SHEATHING.
 - WEB STIFFENER.
 - WOOD I-JOIST.
 - SIMPSON HB TYPE HANGER.
 - STEEL BEAM.
 - 3x WOOD NAILER.
 - 1/2" STUDS WELDED TO STEEL BEAM AT 24" O.C. COUNTERSUNK.

213 SECTION N.T.S.



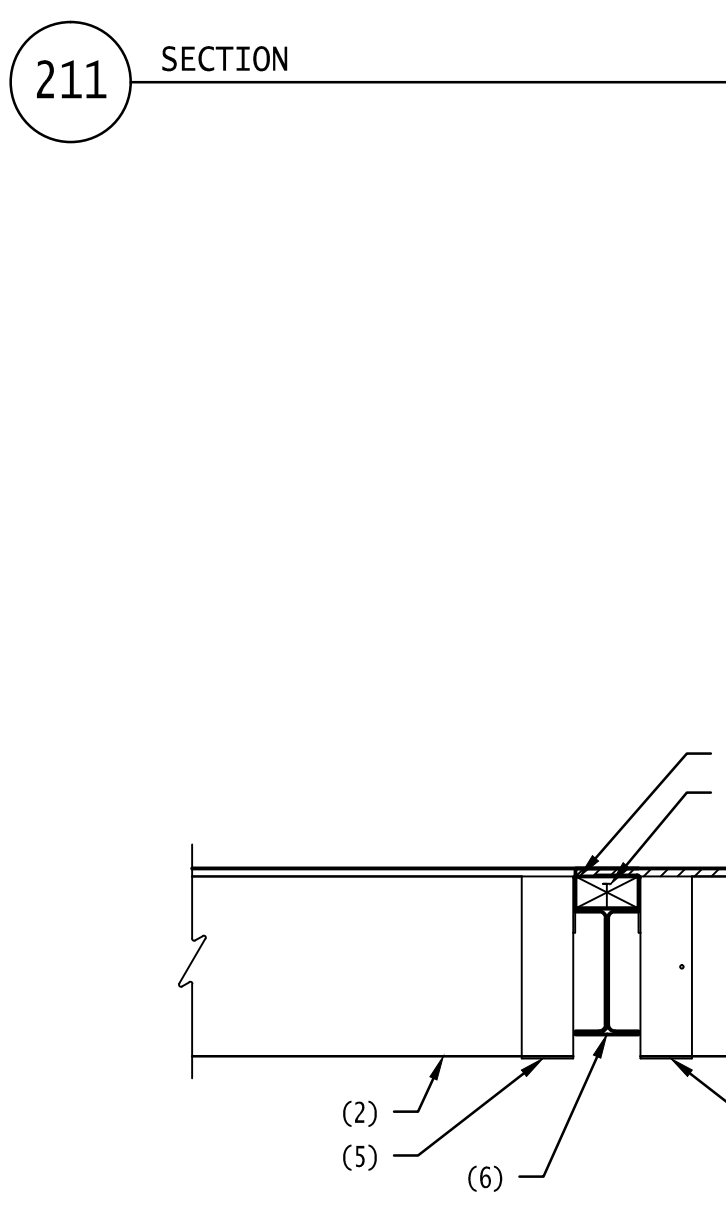
- NOTES:
- WOOD I JOIST.
 - 2x10 WOOD BEAM.
 - WOOD STUD WALL.

214 SECTION N.T.S.



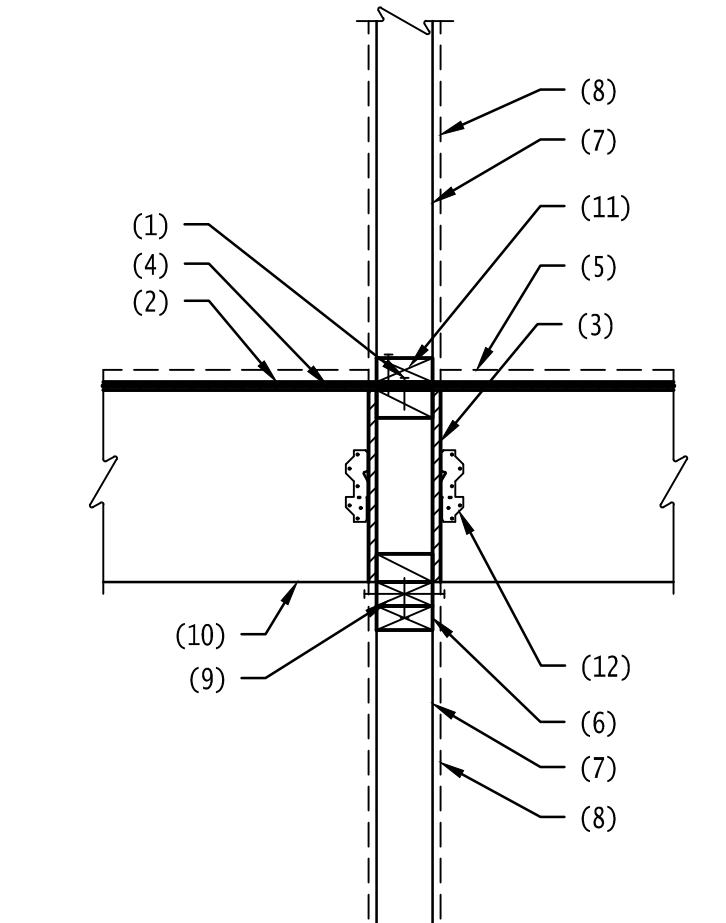
- NOTES:
- STEEL BEAM.
 - STEEL COLUMN.
 - 3/8" STIFFENER PLATE, EACH SIDE.
 - WELD 3 SIDES.

215 SECTION N.T.S.



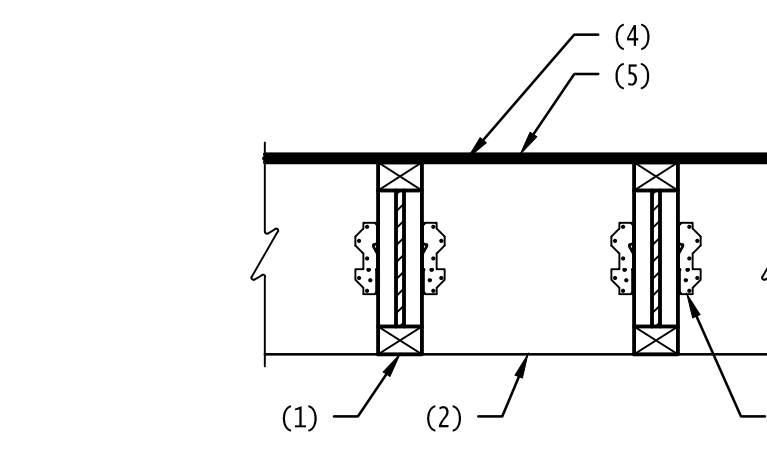
- NOTES:
- PLYWOOD SHEATHING.
 - WOOD JOIST.
 - 1/2" STUDS WELDED TO BEAM AT 24" O.C., COUNTERSUNK.
 - 3x WOOD NAILER.
 - SIMPSON LB TYPE HANGER.
 - STEEL BEAM.

216 SECTION N.T.S.



- NOTES:
- EDGE NAILING.
 - PLYWOOD SHEATHING.
 - REFER TO TYPICAL PLYWOOD SHEAR PANEL DETAIL ON SHEET S031.
 - SIMPSON CS16 STRAP.
 - GYPCRETE TOPPING PER ARCHITECTURAL.
 - DOUBLE 2x CONTINUOUS TOP PLATE WITH 16d NAILS AT 12" O.C.
 - WOOD STUD WALL.
 - SHEATHING MATERIAL AND ATTACHMENT AS OCCURS.
 - 3 - 16d PER PANEL - STAGGERED TOP & BOTTOM.
 - MICROLAM BLOCKING.
 - 2x CONTINUOUS PLATE.
 - SIMPSON A35 CLIP.

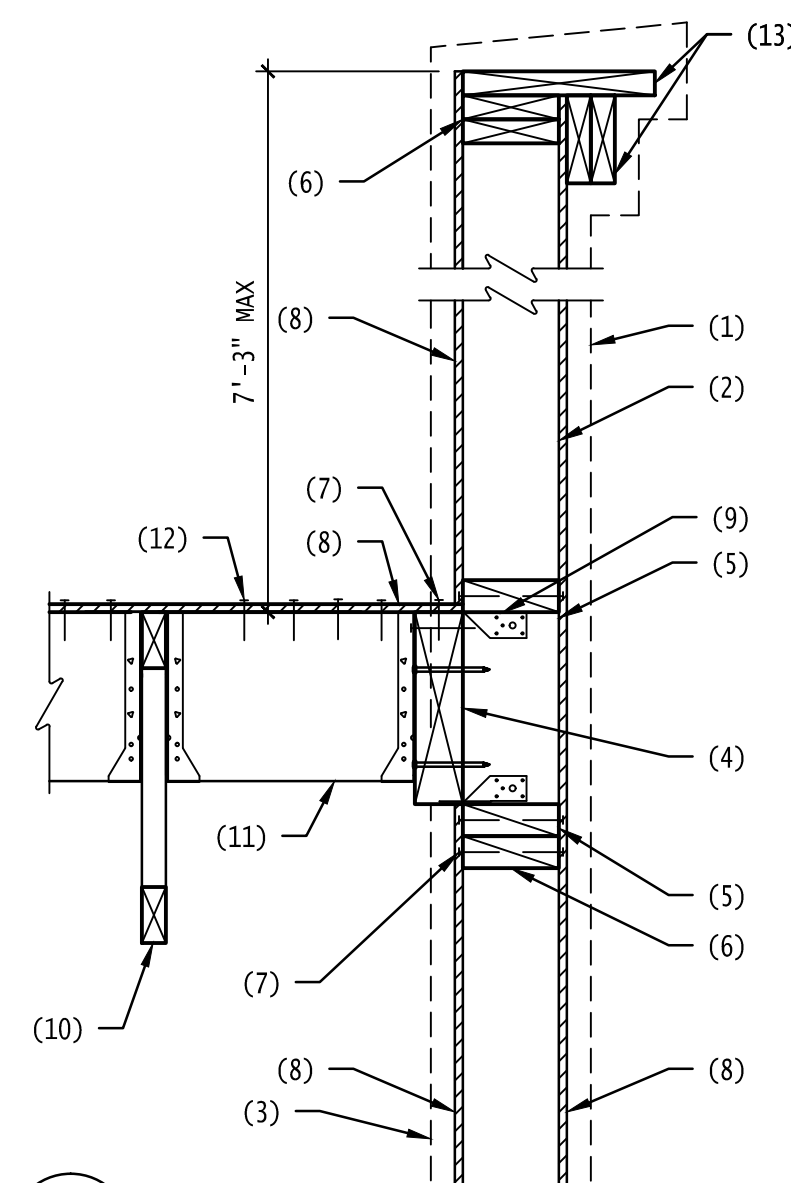
217 SECTION N.T.S.



- NOTES:
- WOOD I-JOIST.
 - WOOD BLOCKING.
 - SIMPSON A35 CLIP.
 - SIMPSON CS16 STRAP.
 - PLYWOOD SHEATHING.

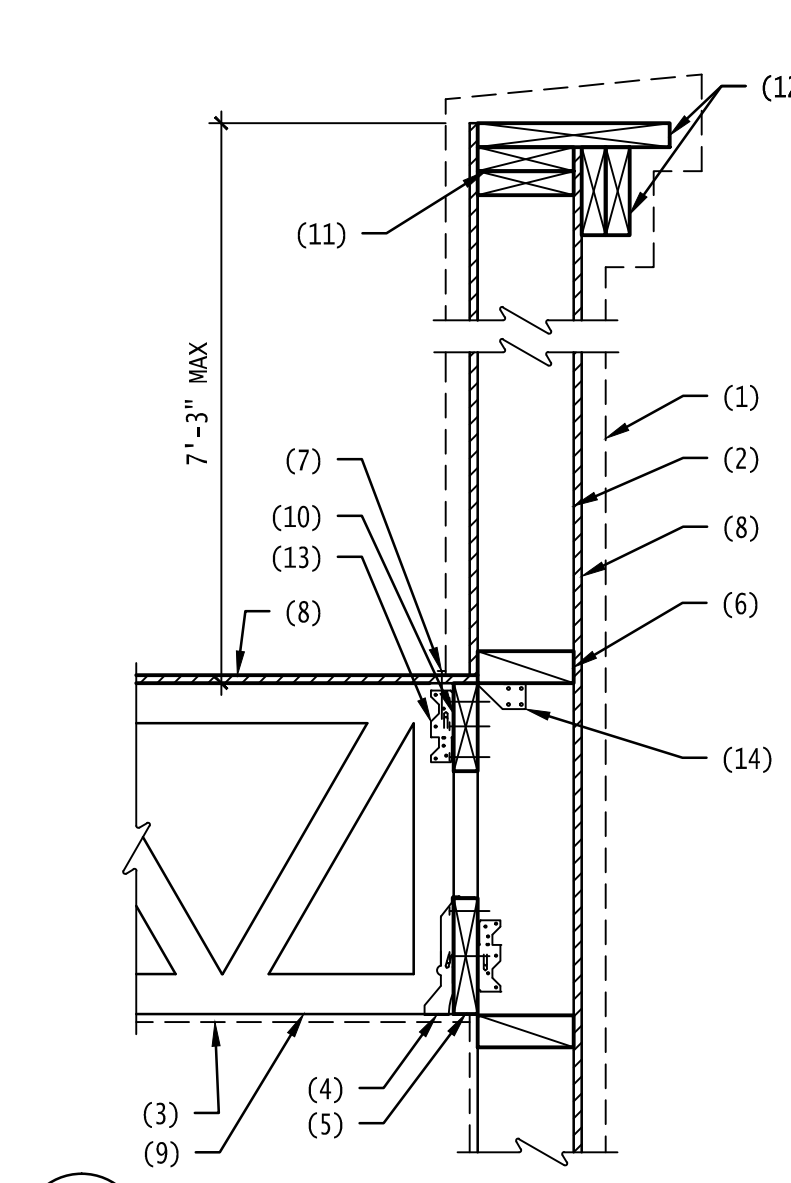
218 SECTION N.T.S.





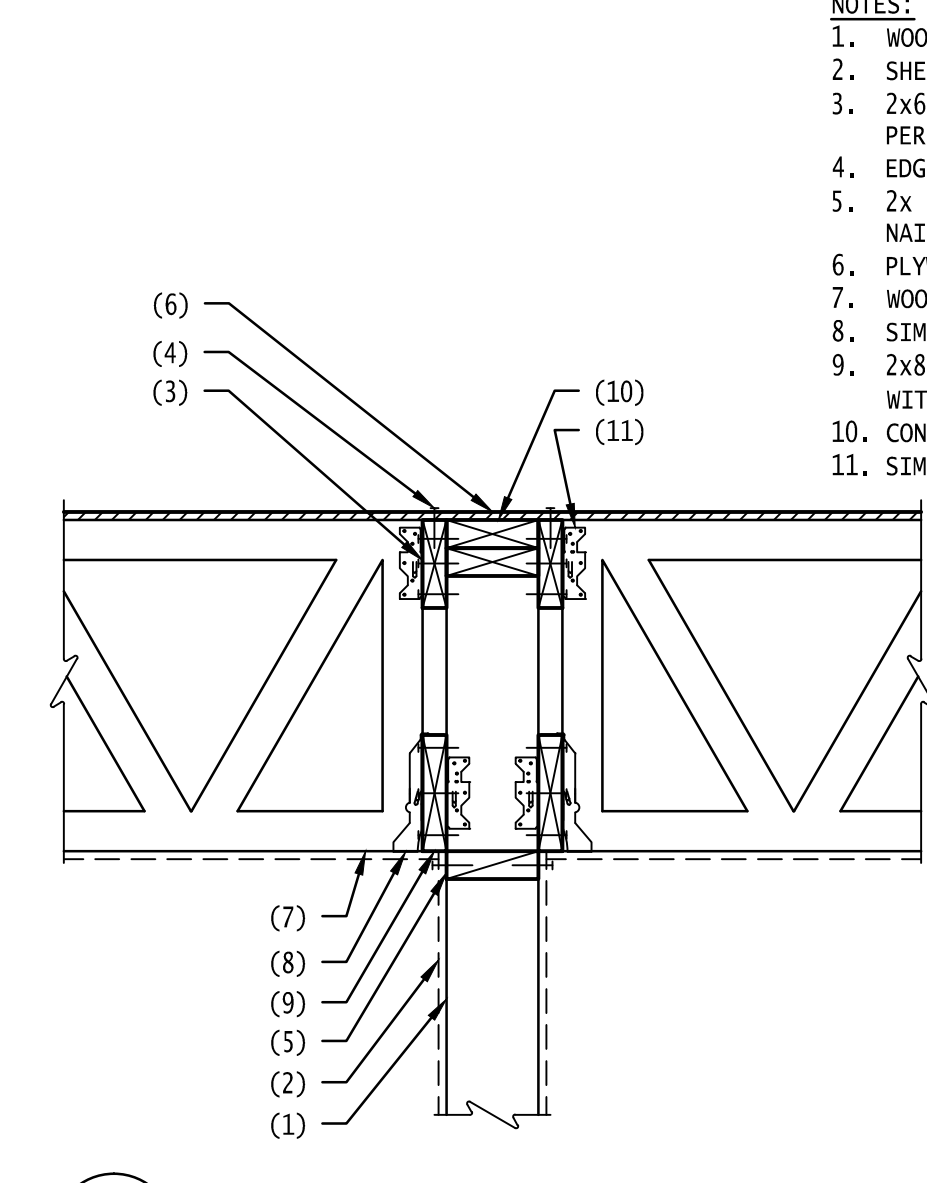
- NOTES:
1. ARCHITECTURAL FINISH.
 2. WOOD STUD WALL.
 3. SHEATHING MATERIAL AS OCCURS.
 4. CONT. 3x12 LEDGER W/ 2 - 1/4" x 3" EMBED LAG SCREWS AT EACH STUD.
 5. CONT. 2x BLOCKING.
 6. DOUBLE 2x TOP PLATE W/ 16d NAILS AT 12" O.C.
 7. EDGE NAILING.
 8. PLYWOOD SHEATHING.
 9. SIMPSON H3 CLIP TOP AND BOTTOM AT EACH STUD.
 10. WOOD TRUSS.
 11. 2x12 BLOCKING AT 24" O.C. W/ HU212 HANGER. CONTINUE BLOCKING FOR 2 BAYS.
 12. 8d NAILS AT 4" O.C. AT BLOCKING.
 13. 2x FRAMING PER ARCHITECTURAL.

301 SECTION N.T.S.



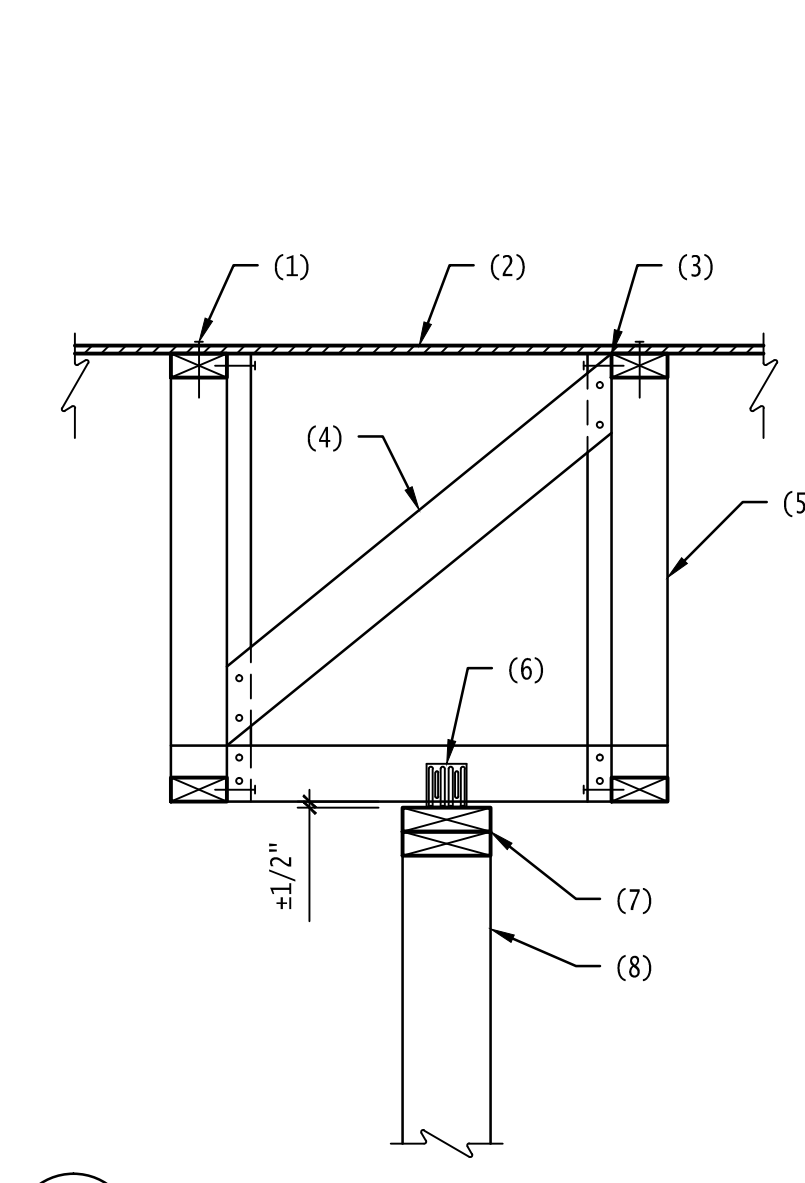
- NOTES:
1. ARCHITECTURAL FINISH.
 2. WOOD STUD WALL.
 3. SHEATHING MATERIAL AS OCCURS.
 4. SIMPSON J826 HANGER.
 5. 2x8 LEDGER WITH 3 - 16d NAILS WITH SIMPSON A35 PER STUD.
 6. CONT. 2x BLOCKING.
 7. EDGE NAILING.
 8. PLYWOOD SHEATHING.
 9. WOOD TRUSS.
 10. 2x6 NAILER WITH 2 - 16d NAILS PER STUD.
 11. DOUBLE 2x TOP PLATE W/ 16d NAILS AT 12" O.C.
 12. 2x FRAMING PER ARCHITECTURAL.
 13. SIMPSON A35 PER TRUSS.
 14. SIMPSON H2.5 PER STUD.

302 SECTION N.T.S.



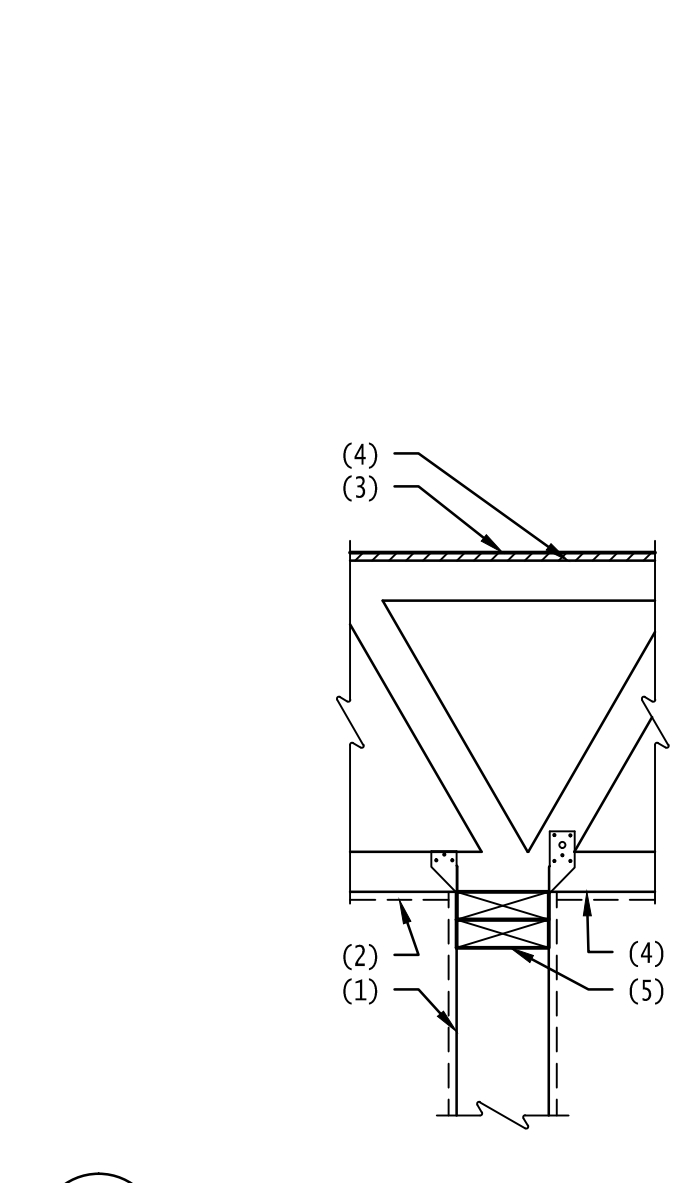
- NOTES:
1. WOOD STUD WALL.
 2. SHEATHING MATERIAL AS OCCURS.
 3. 2x6 NAILER WITH 2 - 16d NAILS PER STUD.
 4. EDGE NAILING.
 5. 2x BLOCKING WITH 3 - 16d NAILS PER BLOCK.
 6. PLYWOOD SHEATHING.
 7. WOOD TRUSS.
 8. SIMPSON J826 HANGER.
 9. 2x8 LEDGER WITH 3 - 16d NAILS WITH SIMPSON A35 PER STUD.
 10. CONTINUOUS DOUBLE TOP PLATE.
 11. SIMPSON A35 PER TRUSS.

303 SECTION N.T.S.



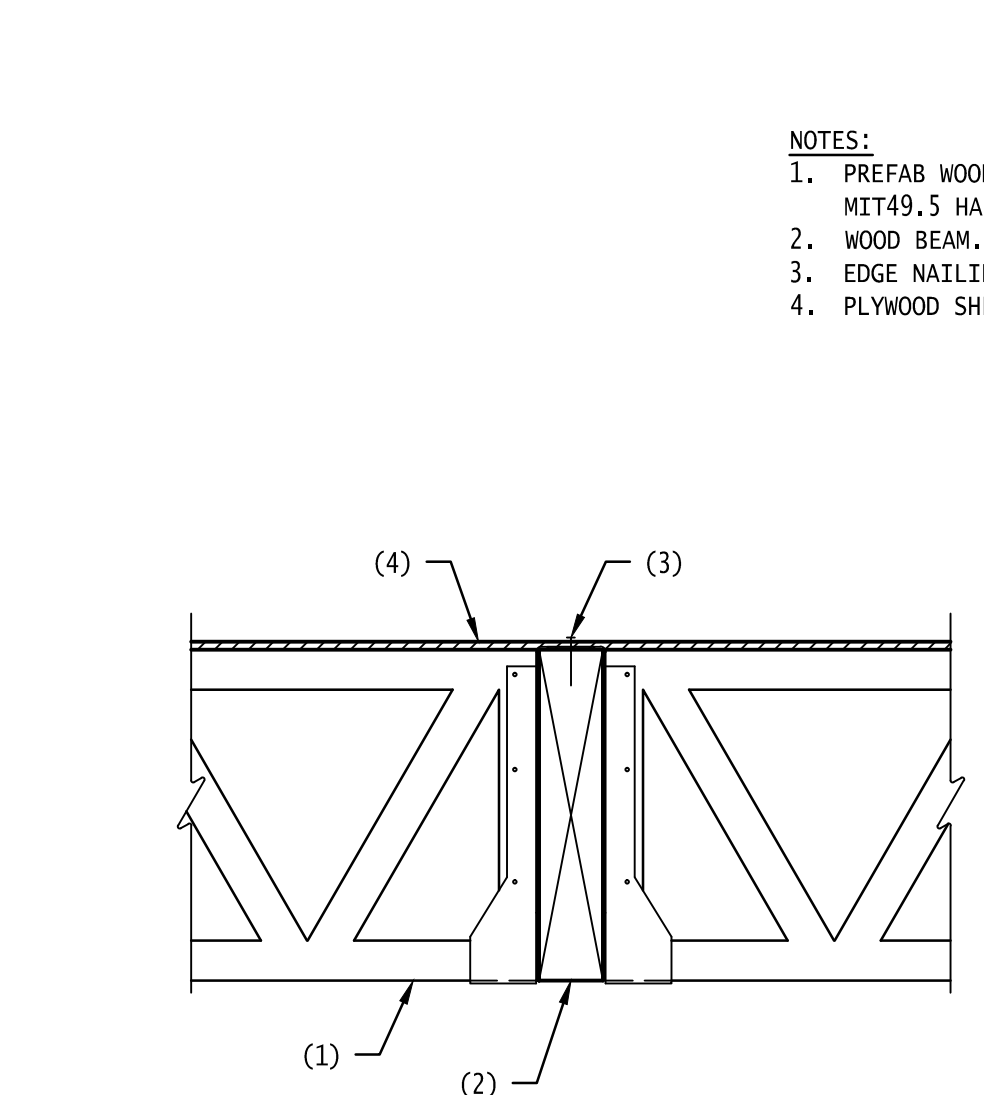
- NOTES:
1. ARCHITECTURAL FINISH.
 2. WOOD STUD WALL (DOUBLE STUDS AT BRACE ATTACHMENT LOCATIONS).
 3. SIMPSON H2.5A CLIP TOP & BOTTOM.
 4. 2x PLATE CONTINUOUS WITH 2-16d NAILS AT 12" O.C.
 5. EDGE NAILING.
 6. DOUBLE 2x TOP PLATE.
 7. PLYWOOD SHEATHING.
 8. WOOD TRUSS.

304 SECTION N.T.S.



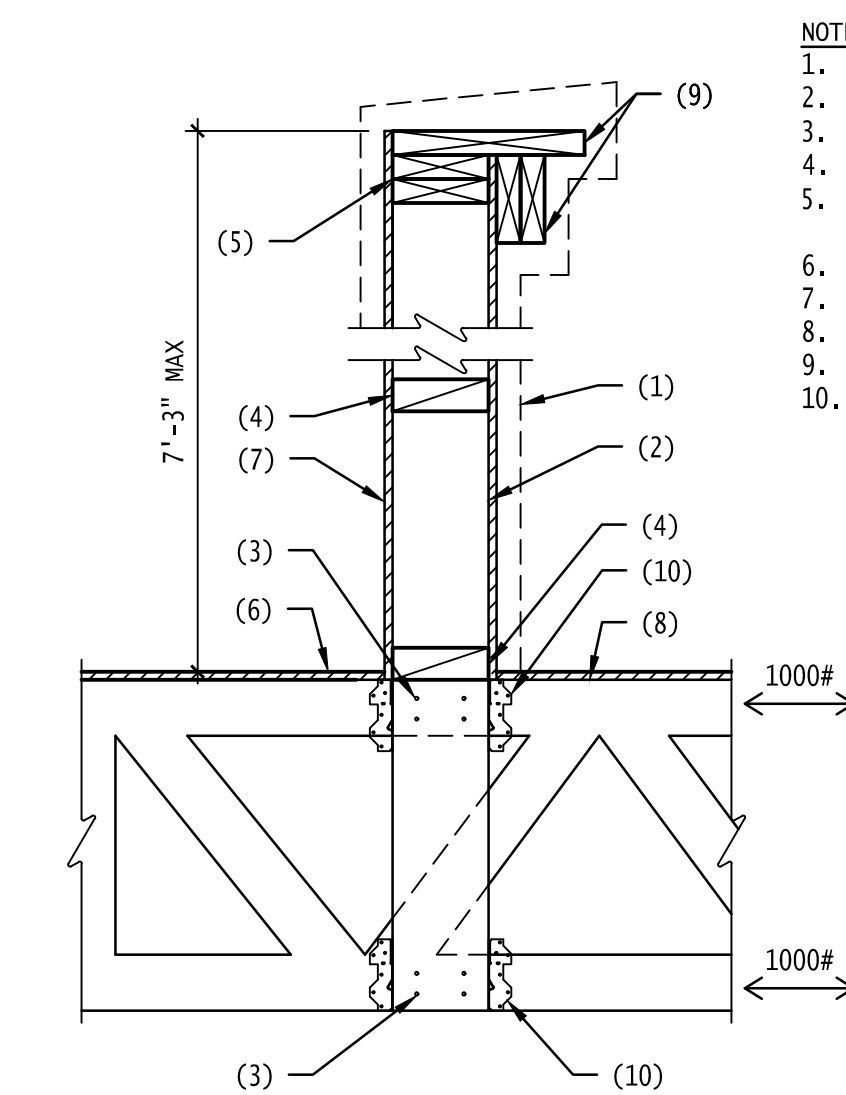
- NOTES:
1. WOOD STUD WALL.
 2. SHEATHING MATERIAL AS OCCURS.
 3. PLYWOOD SHEATHING.
 4. WOOD TRUSS.
 5. CONTINUOUS DOUBLE TOP PLATE W/ SIMPSON H2.5 CLIP EACH SIDE.

305 SECTION N.T.S.



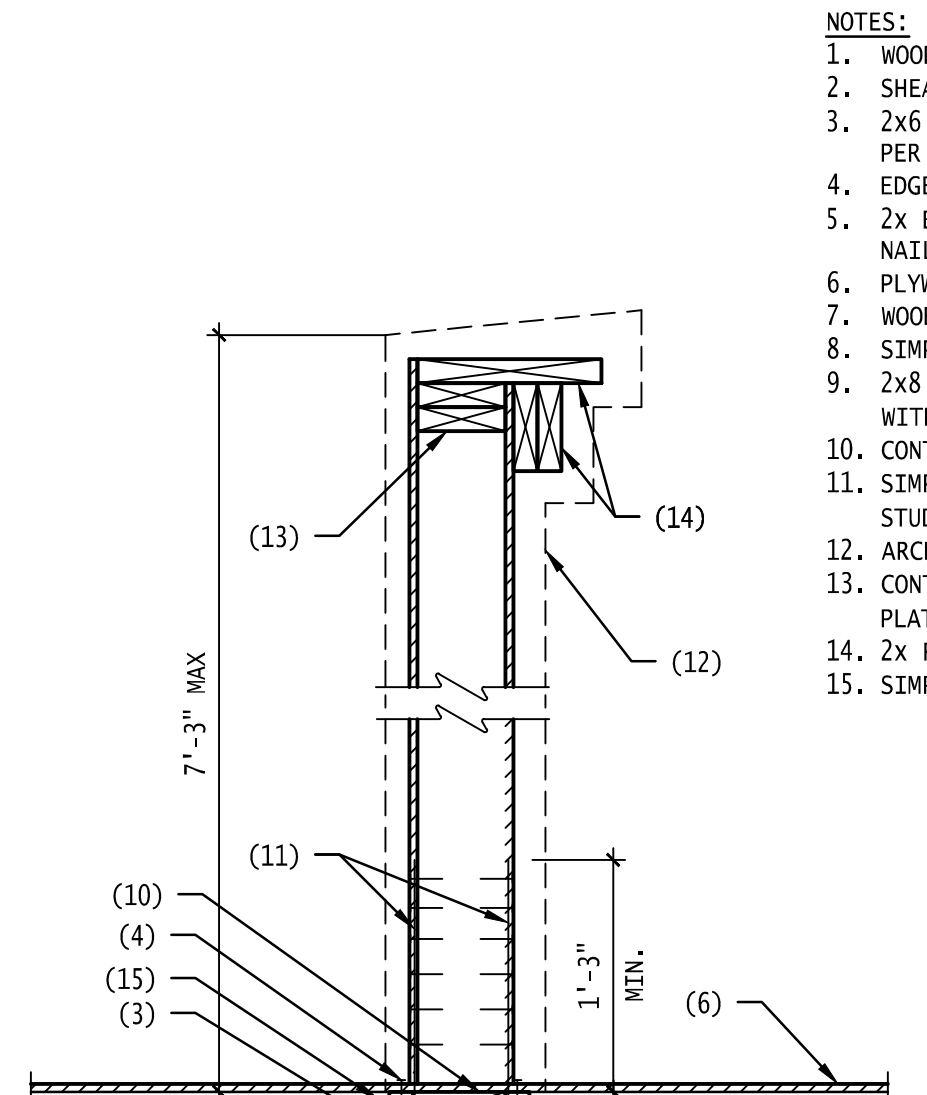
- NOTES:
1. PREFAB WOOD TRUSS WITH SIMPSON MIT49.5 HANGER.
 2. WOOD BEAM.
 3. EDGE NAILING.
 4. PLYWOOD SHEATHING.

306 SECTION N.T.S.



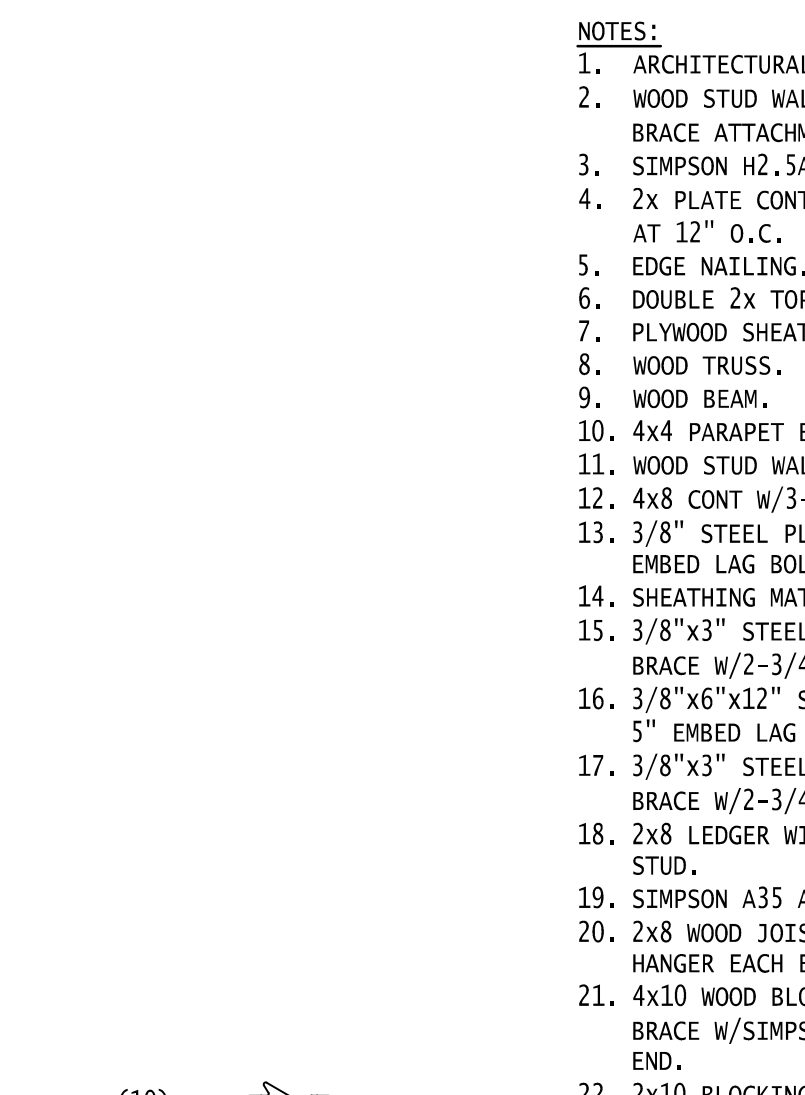
- NOTES:
1. ARCHITECTURAL FINISH.
 2. 2x6 WOOD STUD @ EACH TRUSS.
 3. 4-12d NAILS.
 4. CONT. 2x BLOCKING.
 5. DOUBLE 2x TOP PLATE W/ 16d NAILS AT 12" O.C.
 6. PLYWOOD SHEATHING.
 7. CONTINUOUS BOTTOM PLATE.
 8. WOOD TRUSS.
 9. 2x FRAMING PER ARCHITECTURAL.
 10. SIMPSON A35 CLIP EACH SIDE.

307 SECTION N.T.S.



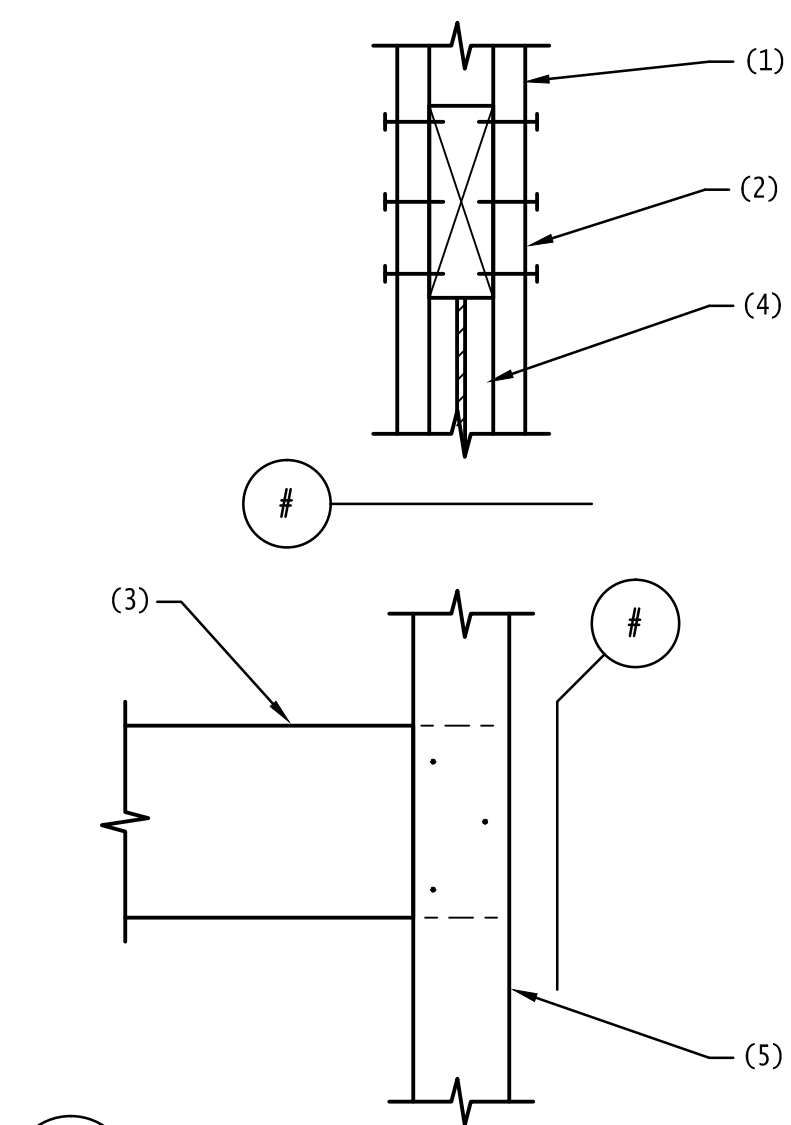
- NOTES:
1. WOOD STUD WALL.
 2. SHEATHING MATERIAL AS OCCURS.
 3. 2x6 NAILER WITH 2 - 16d NAILS PER STUD.
 4. EDGE NAILING.
 5. 2x BLOCKING WITH 3 - 16d NAILS PER BLOCK.
 6. PLYWOOD SHEATHING.
 7. WOOD TRUSS.
 8. SIMPSON J826 HANGER.
 9. 2x8 LEDGER WITH 3 - 16d NAILS WITH SIMPSON A35 PER STUD.
 10. CONTINUOUS DOUBLE BLOCKING.
 11. SIMPSON CS14 STRAP EACH SIDE STUD W/ 26-10d NAILS.
 12. ARCHITECTURAL FINISH.
 13. CONTINUOUS 2x DOUBLE TOP PLATE W/ 16d NAILS AT 12" O.C.
 14. 2x FRAMING PER ARCHITECTURAL.
 15. SIMPSON A35 PER TRUSS.

308 SECTION N.T.S.



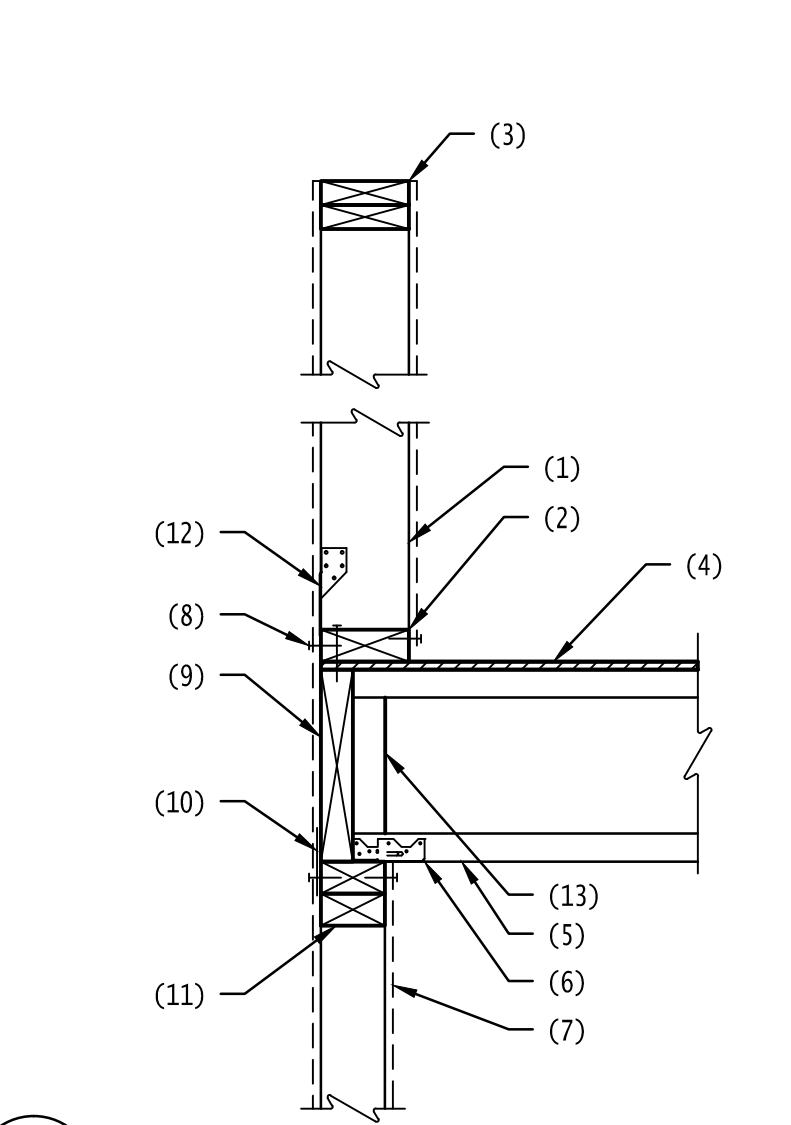
- NOTES:
1. ARCHITECTURAL FINISH.
 2. WOOD STUD WALL (DOUBLE STUDS AT BRACE ATTACHMENT LOCATIONS).
 3. SIMPSON H2.5A CLIP TOP & BOTTOM.
 4. 2x PLATE CONTINUOUS WITH 2-16d NAILS AT 12" O.C.
 5. EDGE NAILING.
 6. DOUBLE 2x TOP PLATE.
 7. PLYWOOD SHEATHING.
 8. WOOD TRUSS.
 9. WOOD BEAM.
 10. 4x4 PARAPET BRACE @ 48" O.C.
 11. WOOD STUD WALL.
 12. 4x8 CONT W/ 3-16d NAILS EACH STUD.
 13. 3/8" STEEL PLATE W/ 4-1/2" x 3" EMBED LAG BOLTS.
 14. SHEATHING MATERIAL AS OCCURS.
 15. 3/8" x 3" STEEL PLATE EACH SIDE OF BRACE W/ 2-3/4" THRU BOLTS.
 16. 3/8" x 6" x 12" STEEL PLATE W/ 2-1/2" x 5" EMBED LAG BOLTS.
 17. 3/8" x 3" STEEL PLATE EACH SIDE OF BRACE W/ 2-3/4" THRU BOLTS.
 18. 2x8 LEDGER WITH 3 - 16d NAILS PER STUD.
 19. SIMPSON A35 AT EACH STUD.
 20. 2x8 WOOD JOIST W/ SIMPSON LU TYPE HANGER EACH END.
 21. 4x10 WOOD BLOCKING AT EACH PARAPET BRACE W/ SIMPSON HU410 HANGER EACH END.
 22. 2x10 BLOCKING @ 16" O.C. W/ SIMPSON HU210 HANGER EACH END.
 23. SEE ARCHITECTURAL DRAWINGS (8'-0" MAX.).

309 SECTION N.T.S.



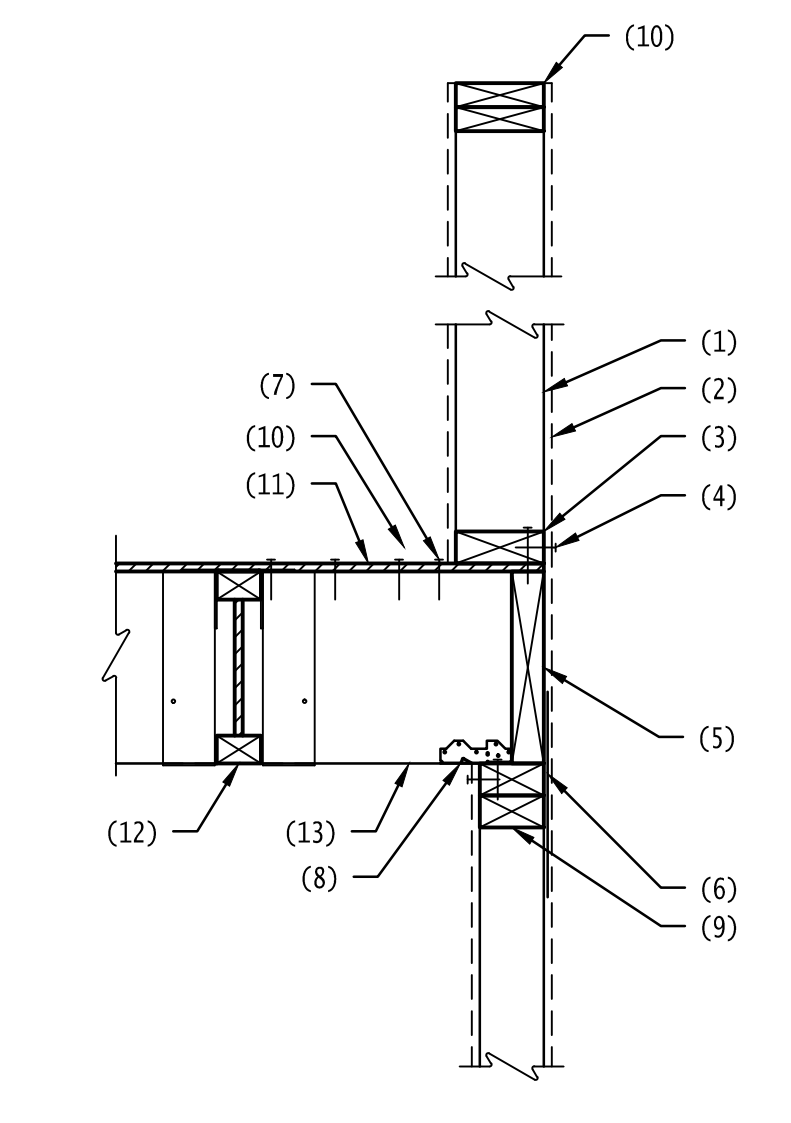
- NOTES:
1. FRAMING ABOVE NOT SHOWN FOR CLARITY.
 2. RUN STUD ALONG SIDE OF BEAM AND NAIL WITH (3) 16d MINIMUM.
 3. WOOD BEAM.
 4. MULTIPLE STUD BENEATH BEAM BEARING WITH PLYWOOD FILLER AS REQUIRED - NAIL TOGETHER WITH 16d AT 12" O.C.
 5. WOOD STUD.

310 SECTION N.T.S.



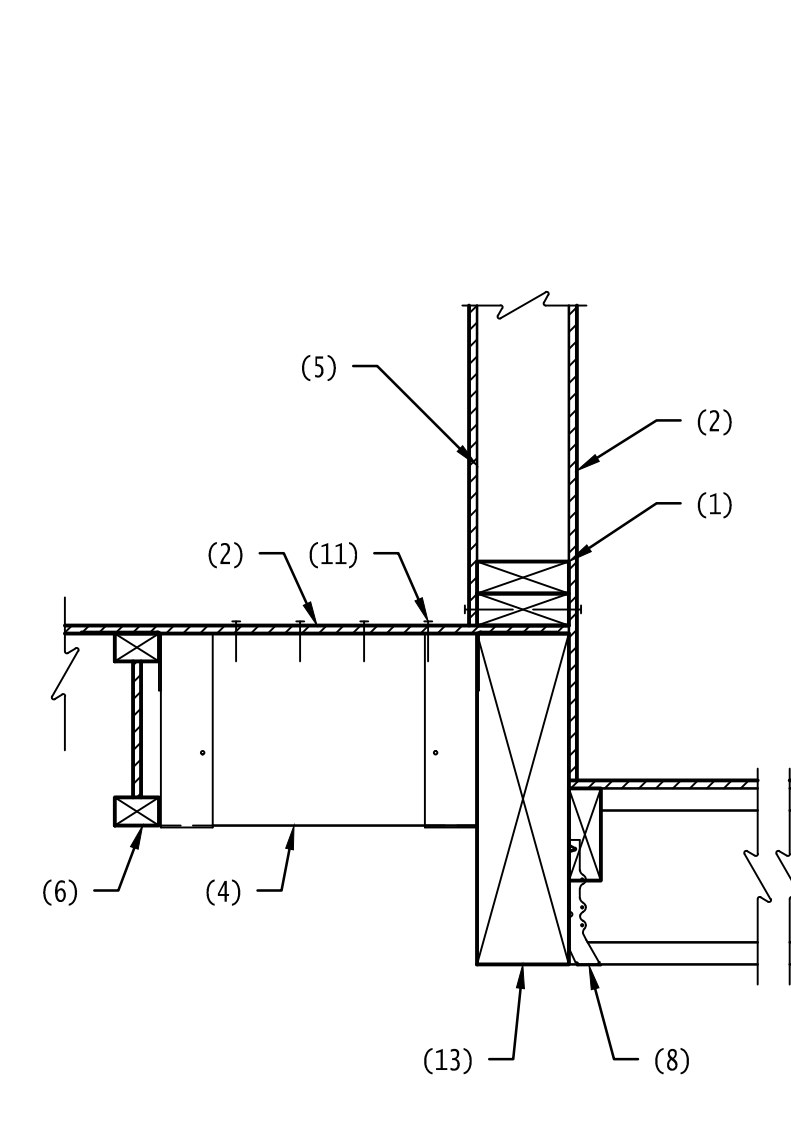
- NOTES:
1. WOOD STUD WALL.
 2. CONTINUOUS BOTTOM PLATE WITH 16d NAILS AT 12" O.C., U.N.D.
 3. DOUBLE 2x TOP PLATE.
 4. PLYWOOD SHEATHING.
 5. WOOD I-JOIST.
 6. SIMPSON A35 AT EVERY JOIST.
 7. SHEATHING MATERIAL AS OCCURS.
 8. EDGE NAILING.
 9. CONTINUOUS 1 1/4" I-LEVEL RIMBOARD.
 10. SIMPSON LTP4 AT 16" O.C. TO RIMBOARD.
 11. DOUBLE 2x CONTINUOUS TOP PLATE WITH 16d AT 12" O.C.
 12. SIMPSON H2.5 EACH STUD.
 13. WEB STIFFENER.

311 SECTION N.T.S.



- NOTES:
1. WOOD STUD WALL.
 2. SHEATHING MATERIAL AS OCCURS.
 3. CONTINUOUS BOTTOM PLATE WITH 16d NAILS AT 12" O.C. STAGGERED, U.N.D.
 4. EDGE NAILING.
 5. CONTINUOUS 1 1/4" I-LEVEL RIMBOARD.
 6. SIMPSON LPT4 AT 16" O.C.
 7. 8d NAILS AT 4" O.C. AT BLOCKING.
 8. SIMPSON A35 AT 24" O.C.
 9. DOUBLE 2x TOP PLATE WITH 16d AT 12" O.C.
 10. DOUBLE 2x TOP PLATE.
 11. PLYWOOD SHEATHING.
 12. WOOD I-JOIST.
 13. 2x12 BLOCKING AT 24" O.C. WITH SIMPSON LB212 HANGERS. CONTINUE BLOCKING FOR 2 BAYS.

312 SECTION N.T.S.

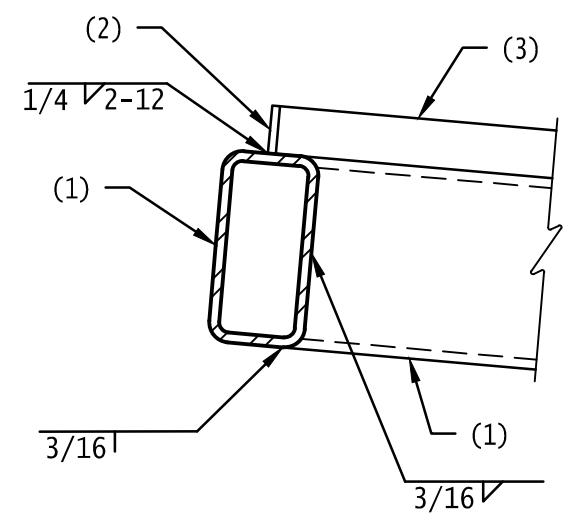


- NOTES:
1. DOUBLE 2x BOTTOM PLATE.
 2. PLYWOOD SHEATHING.
 3. DOUBLE 2x TOP PLATE.
 4. 2x12 BLOCKING AT 48" O.C. WITH SIMPSON LB212 TYPE HANGER.
 5. WOOD STUD WALL.
 6. WOOD I-JOIST.
 7. SIMPSON MIT49.5 HANGER.
 8. SIMPSON LU TYPE HANGER.
 9. ARCHITECTURAL FINISH.
 10. 2x FRAMING PER ARCHITECTURAL.
 11. 8d NAILS AT 4" O.C. AT BLOCKING.
 12. 2x BLOCKING.
 13. WOOD BEAM.

313 SECTION N.T.S.

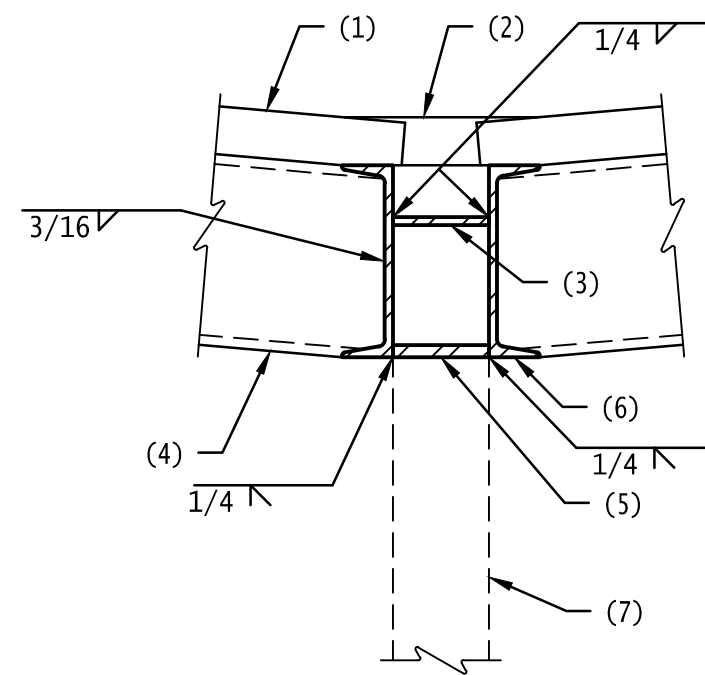


NOTES:
 1. HSS 12"x6"x5/8".
 2. 3"x3"x1/2" THK CONT. PLATE.
 3. STEEL DECK.



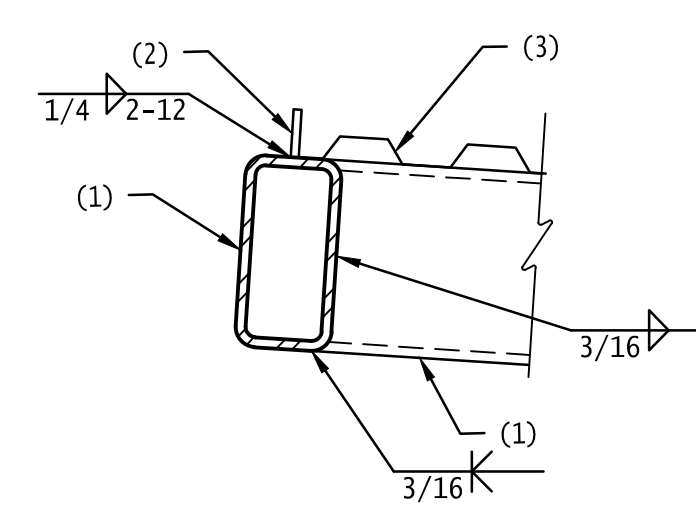
314 SECTION N.T.S.

NOTES:
 1. STEEL DECK.
 2. 3"x1/2" THICK STEEL PLATE.
 3. 6" WIDE X 1/2" THICK STEEL PLATE GUTTER.
 4. HSS 12"x6"x5/8".
 5. 6" WIDE X 3/4" THICK CONTINUOUS STEEL PLATE.
 6. STEEL BEAM.
 7. COLUMN AS OCCURS.



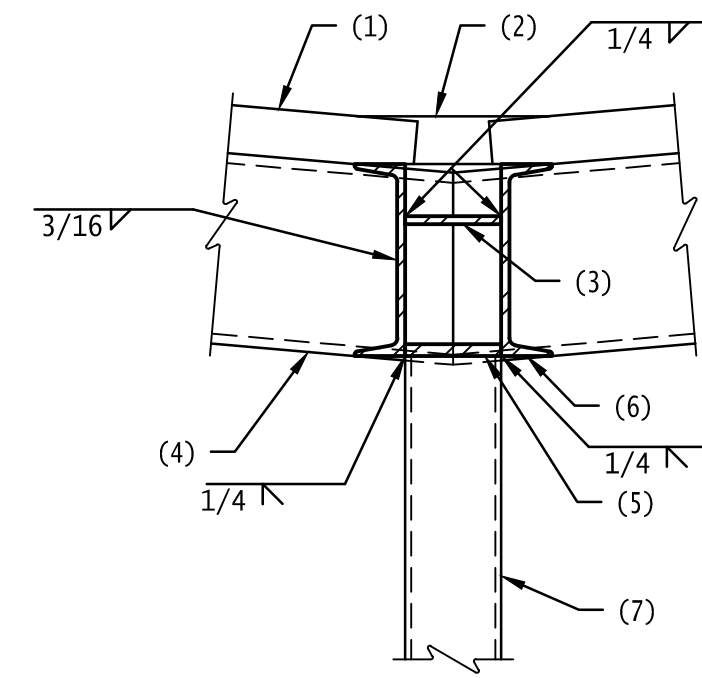
315 SECTION N.T.S.

NOTES:
 1. HSS 12"x6"x5/8".
 2. 3"x3"x1/2" THK CONT. PLATE.
 3. STEEL DECK.



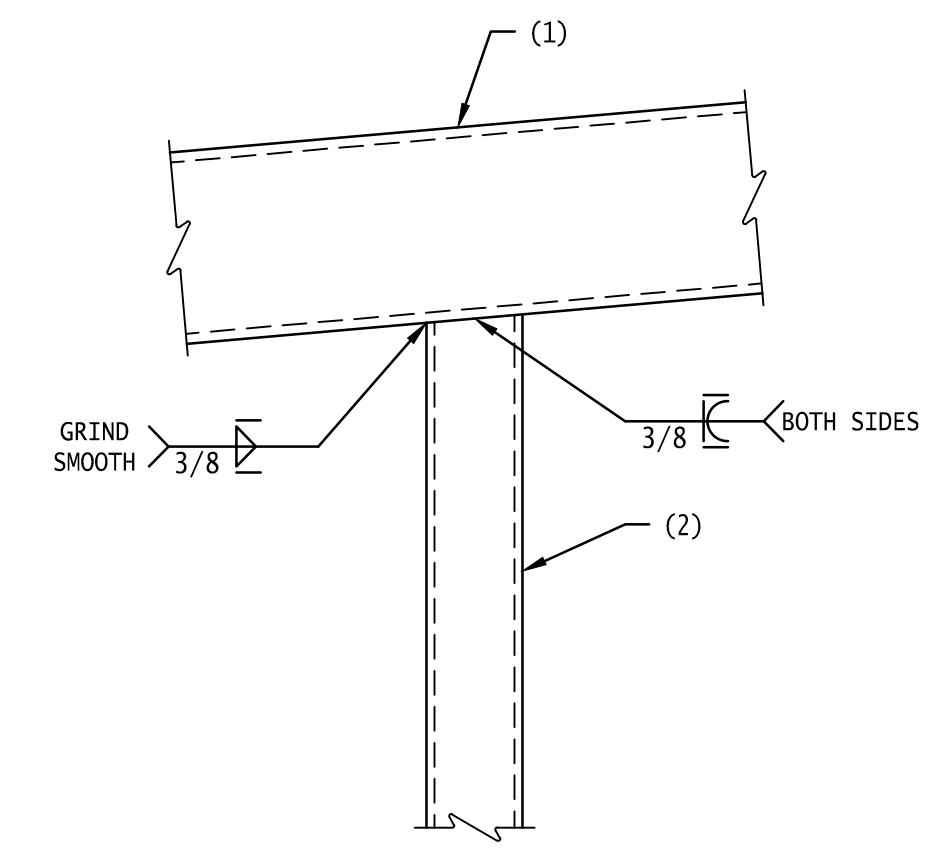
316 SECTION N.T.S.

NOTES:
 1. STEEL DECK.
 2. 3"x1/2" THICK STEEL PLATE.
 3. 6" WIDE X 1/2" THICK STEEL PLATE GUTTER.
 4. HSS 12"x6"x5/8" KNUCKLE BEAM.
 5. 6" WIDE X 3/4" THICK CONTINUOUS STEEL PLATE.
 6. STEEL BEAM.
 7. STEEL COLUMN.



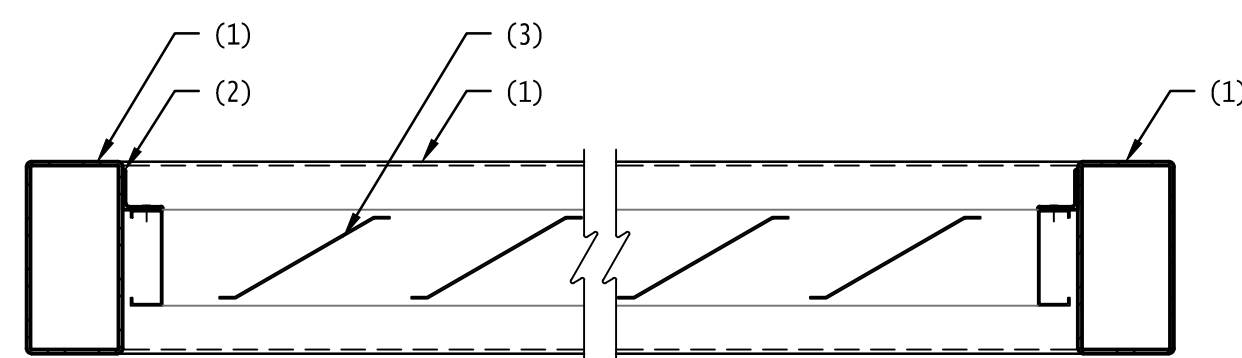
317 SECTION N.T.S.

NOTES:
 1. STEEL BEAM.
 2. STEEL COLUMN.



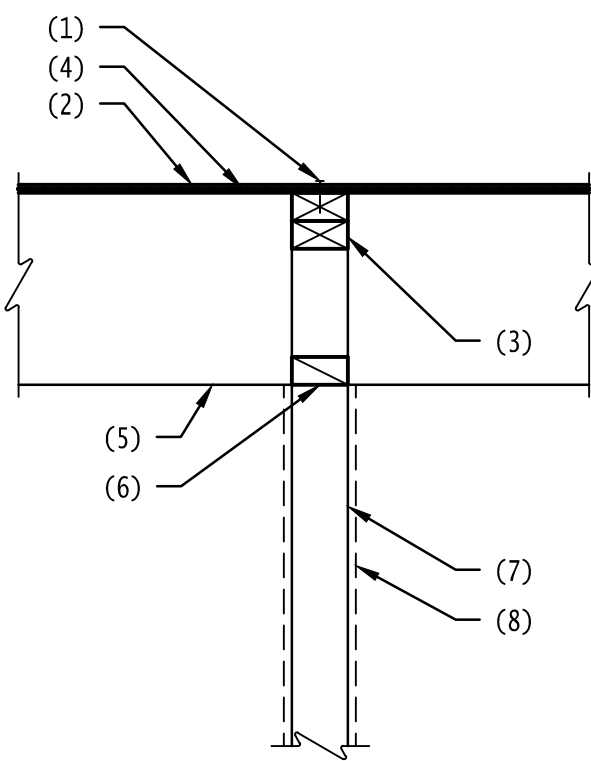
318 SECTION N.T.S.

NOTES:
 1. STEEL BEAM.
 2. CONT. 2 1/4x2 1/4x1/4.
 3. ALUMINUM GRILLE BY MANUFACTURER.



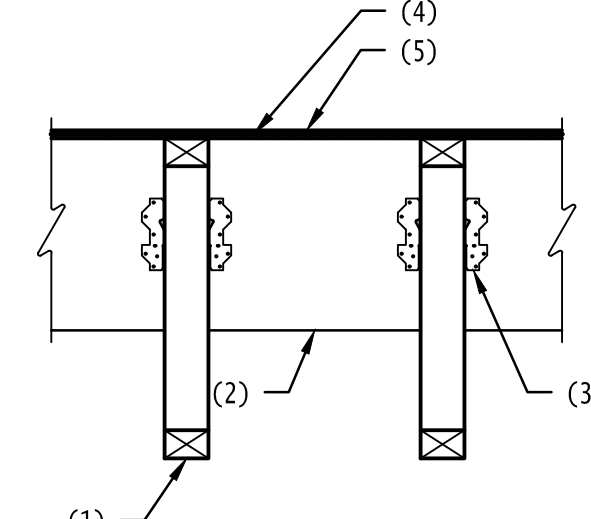
319 SECTION N.T.S.

NOTES:
 1. EDGE NAILING.
 2. PLYWOOD SHEATHING.
 3. DOUBLE 2x CONTINUOUS TOP PLATE WITH 16d NAILS AT 12" O.C.
 4. SIMPSON CS16 STRAP.
 5. MICROLAM BLOCKING.
 6. 2x CONTINUOUS BLOCKING.
 7. WOOD STUD WALL.
 8. SHEATHING MATERIAL AND ATTACHMENT AS OCCURS.



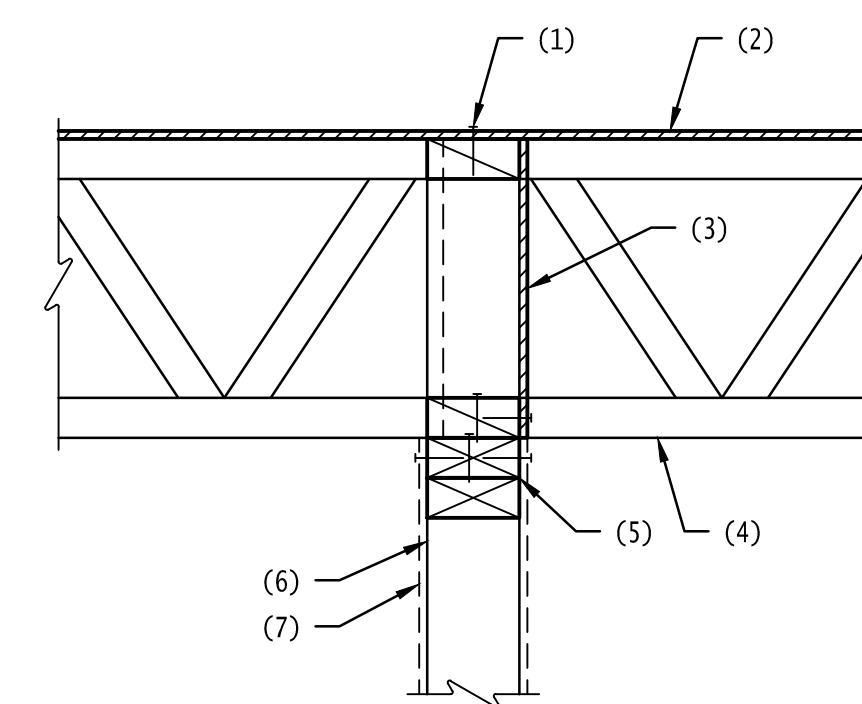
320 SECTION N.T.S.

NOTES:
 1. WOOD TRUSS.
 2. WOOD BLOCKING.
 3. SIMPSON A35 CLIP.
 4. SIMPSON CS16 STRAP.
 5. PLYWOOD SHEATHING.



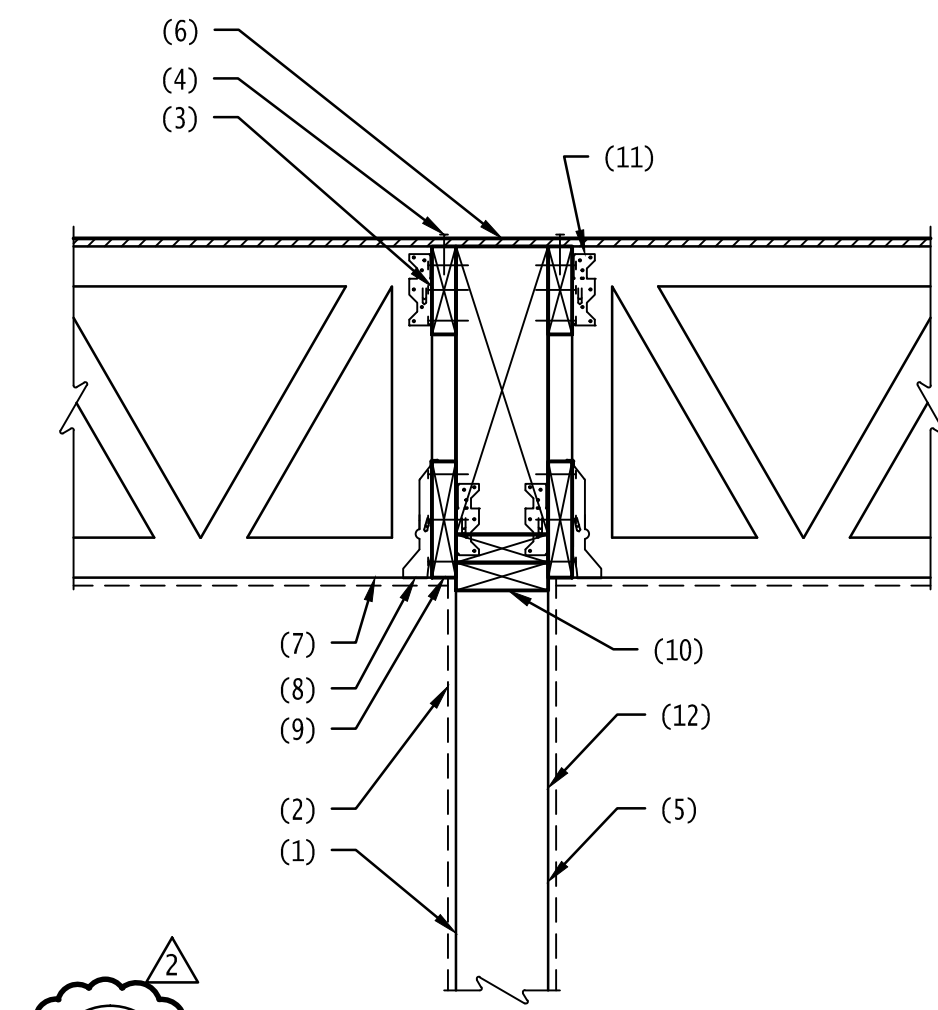
321 SECTION N.T.S.

NOTES:
 1. EDGE NAILING.
 2. PLYWOOD SHEATHING.
 3. SHEAR PANEL PER TYPICAL DETAIL.
 4. PREFAB WOOD TRUSS.
 5. CONTINUOUS DOUBLE 2x TOP PLATE WITH 16d NAILS AT 12" O.C.
 6. WOOD STUD WALL.
 7. SHEATHING MATERIAL AS OCCURS.



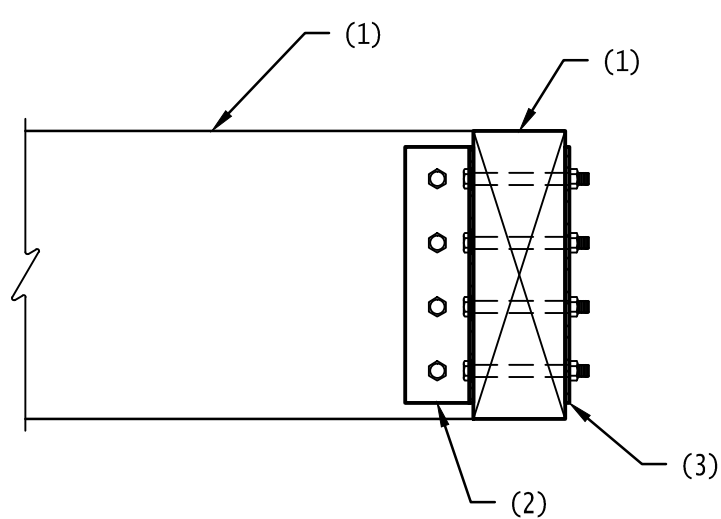
322 SECTION N.T.S.

NOTES:
 1. WOOD STUD WALL.
 2. SHEATHING MATERIAL AS OCCURS.
 3. 2x6 NAILER WITH 2 - 16d NAILS PER STUD.
 4. EDGE NAILING.
 5. 2x BLOCKING WITH 3 - 16d NAILS PER BLOCK.
 6. PLYWOOD SHEATHING.
 7. WOOD TRUSS.
 8. SIMPSON JB26 HANGER.
 9. 2x8 LEDGER WITH 3 - 16d NAILS WITH SIMPSON A35 PER STUD.
 10. CONTINUOUS DOUBLE TOP PLATE.
 11. SIMPSON A35 PER TRUSS.
 12. 5 1/8x18 GLB.



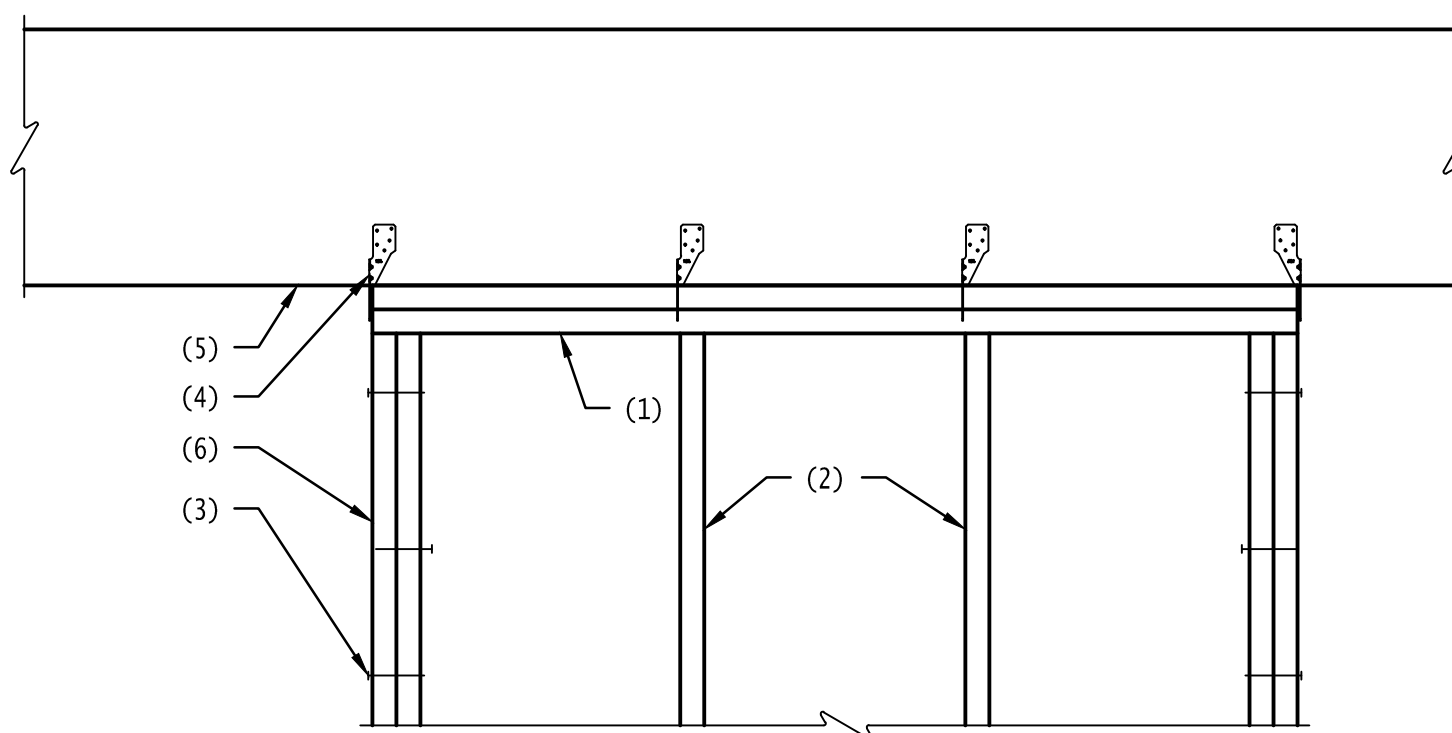
323 SECTION N.T.S.

NOTES:
 1. WOOD BEAM.
 2. L4x4x1/4 EACH SIDE WITH 4-3/4" THRU BOLTS.
 3. 1/4"x16"x14" PLATE.



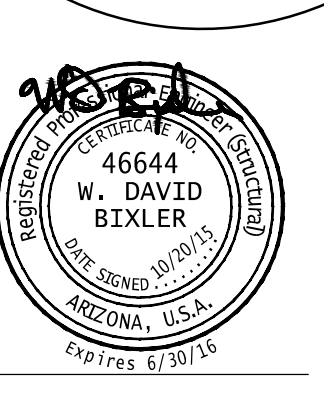
324 SECTION N.T.S.

NOTES:
 1. DOUBLE 2x TOP PLATE.
 2. WOOD STUDS.
 3. 16d AT 12" O.C. STAGGERED.
 4. SIMPSON H2.5 EACH STUD.
 5. SIDE OF BEAM, WOOD BEAM.
 6. 2 STUDS UNDER BEAM BEARING.



325 SECTION N.T.S.

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 PHOENIX, AZ 85024
 Phone: 602.752.1083
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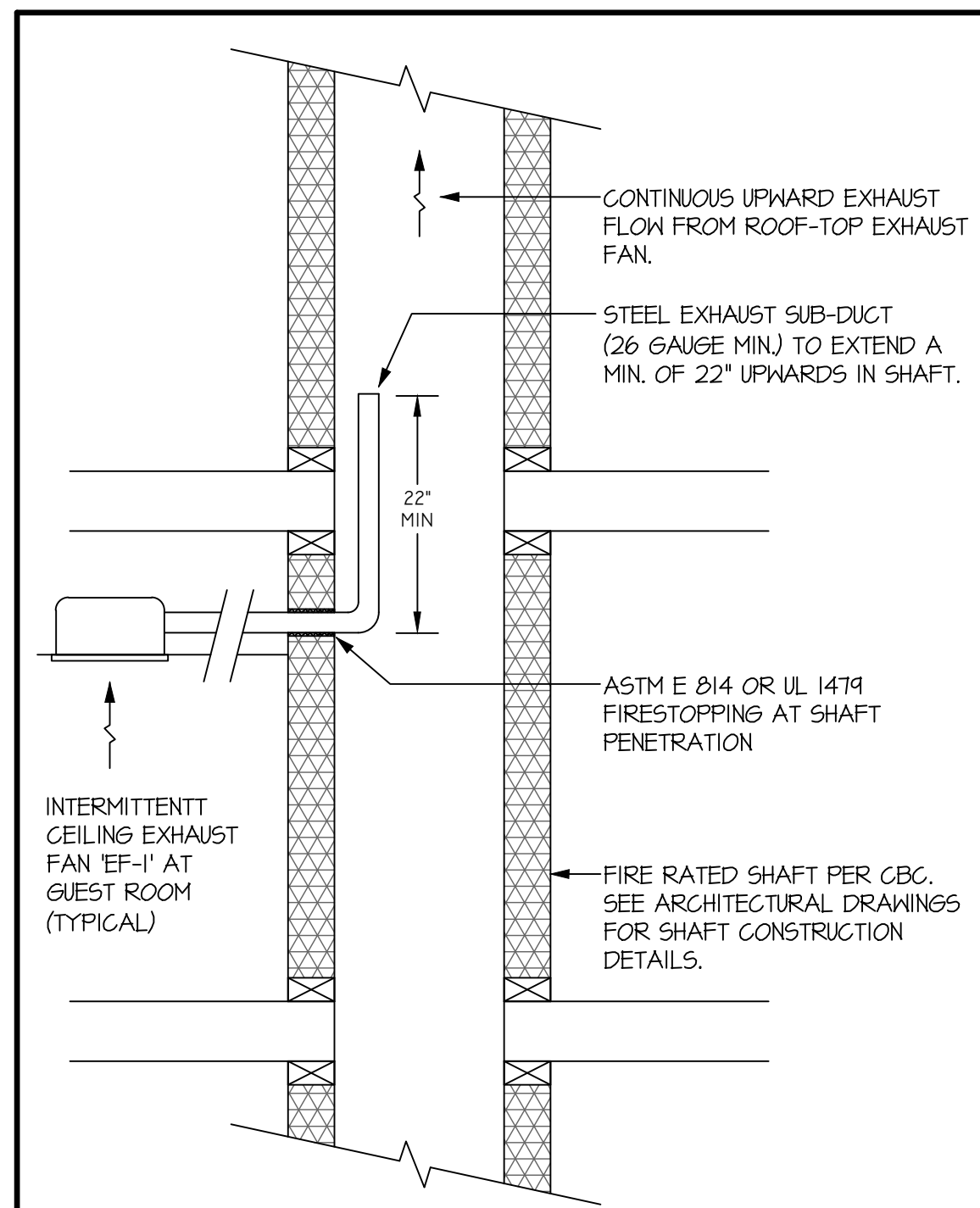
JOB NUMBER
 1401
 DATE
 07-23-2015
 1st City Comments
 09-11-2015
 RFI #
 01-19-2016

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DAVID BIXLER & ASSOCIATES
 Proj. No. 15-049

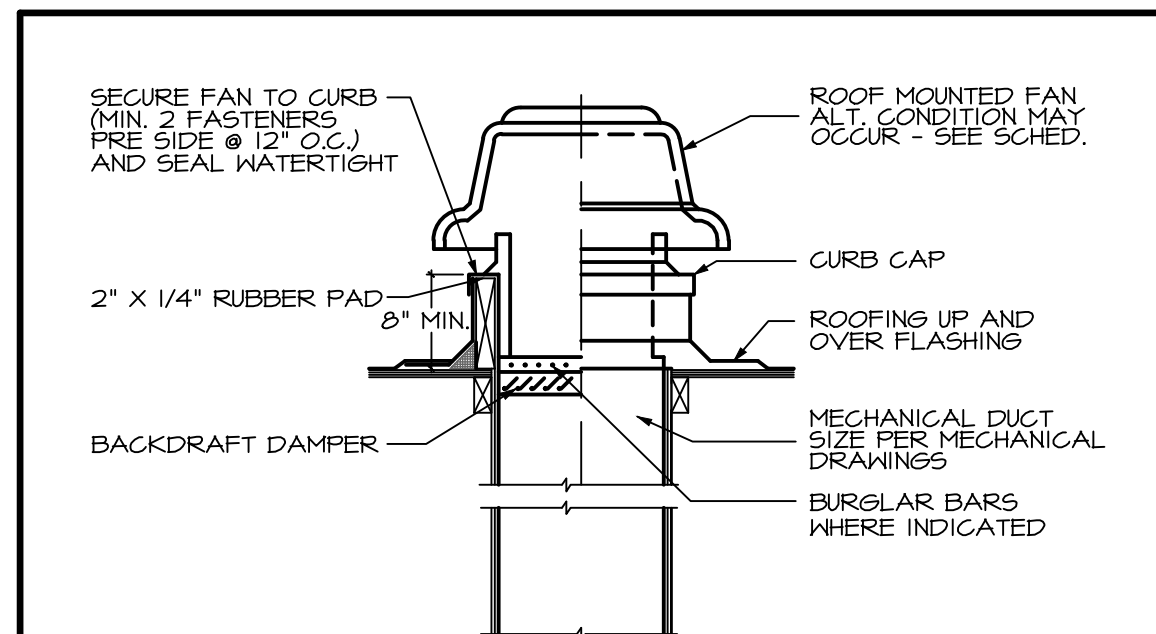
ROOF FRAMING SECTIONS & DETAILS

S602

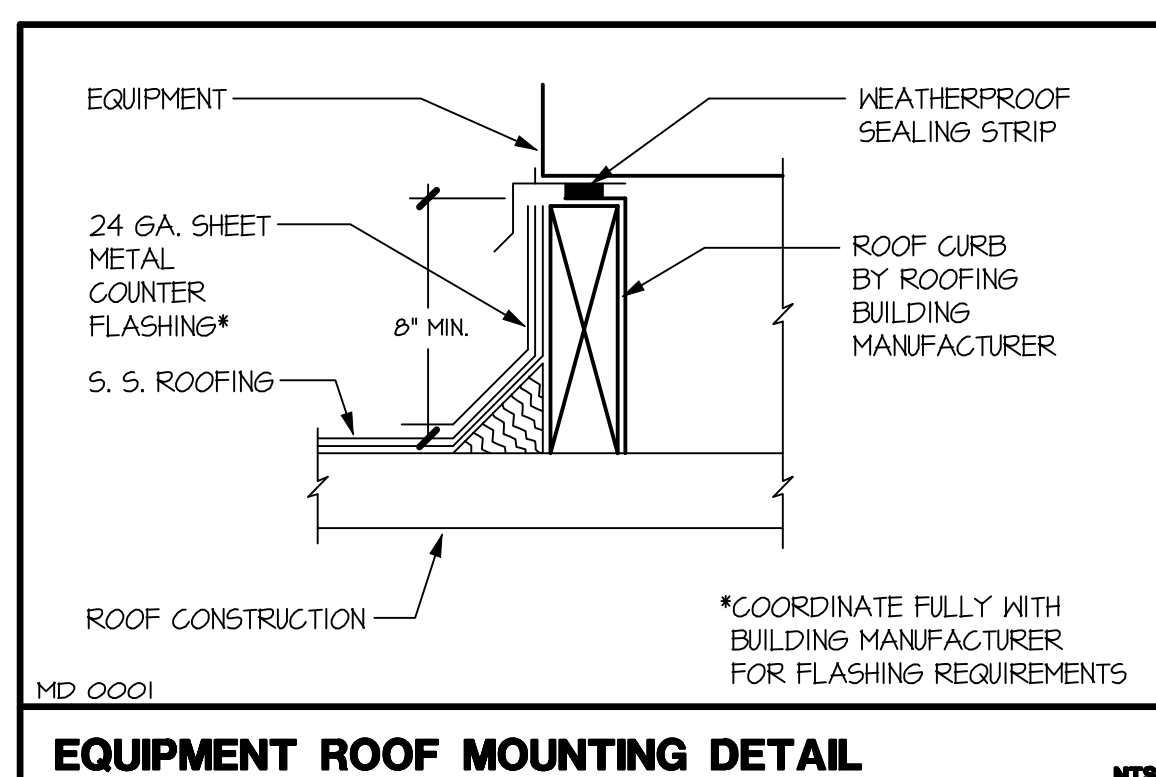


NOTE:
 PER IMC 716.5.3 (EXCEPTION 1: 1.) FIRE DAMPERS ARE NOT REQUIRED AT PENETRATIONS OF SHAFTS.
 PER IMC 909.1 SMOKE DAMPERS ARE NOT REQUIRED AT PENETRATIONS OF SHAFTS IF 22" OF DUCTWORK IS MINIMUM 26 GAUGE AND ROOF-TOP FANS RUN CONTINUOUSLY.

EXHAUST SHAFT DETAIL: GUEST ROOMS



ROOF MTD. EXHAUST FAN DETAIL



EQUIPMENT ROOF MOUNTING DETAIL

MECHANICAL GENERAL NOTES:

SEE ARCHITECTURAL DRAWINGS FOR ANY NECESSARY SCREENING OF EQUIPMENT.
 SEE ELECTRICAL DRAWINGS FOR WIRING.
 CONTRACTOR SHALL MAKE AVAILABLE FOR CITY INSPECTORS REVIEW THE AIR BALANCE REPORT.

MECHANICAL EQUIPMENT LIST:

- CD-1 TITUS SERIES OMNI CEILING DIFFUSER WITH OBD, STEEL CONSTRUCTION, LAY-IN, ROUND NECK ADAPTOR, OFF-WHITE, 24"x24" MODULE SIZE.
- CD-2 TITUS SERIES OMNI CEILING DIFFUSER WITH OBD, ALUMINUM CONSTRUCTION, 6YP. BOARD, ROUND NECK ADAPTOR, OFF-WHITE, 12"x12" MODULE SIZE.
- SH6 TITUS SERIES 212 FS SIDENALL SUPPLY, SURFACE, STEEL CONSTRUCTION, OBD.
- LD-1 TITUS SERIES ML-34 LINEAR SLOT DIFFUSER, (4) 1" SLOTS, PROVIDE PLENUM AND SURFACE MOUNT.
- LR-1 TITUS SERIES ML-34 LINEAR SLOT RETURN, (6) 1" SLOTS, PROVIDE PLENUM AND SURFACE MOUNT.
- RG-1 TITUS SERIES 350 RL RETURN GRILLE, 3/4" SPACING, LAY-IN, STEEL CONSTRUCTION.
- RG-2 TITUS SERIES 350 RL RETURN GRILLE, 3/4" SPACING, 6YP. BOARD, STEEL CONSTRUCTION.
- TG-1 TITUS SERIES 350 RL TRANSFER GRILLE, 3/4" SPACING, LAY-IN, STEEL CONSTRUCTION.
- L-1 RUSKIN ELF375 WALL LOUVER WITH BIRD SCREEN, COORDINATE WITH ARCHITECT FOR COLORS, AND LOCATIONS.

EXHAUST FAN SCHEDULE:

| TAG | MAKE | MODEL | FLOW (CFM) | ESP (IN. WC) | STYLE | MOTOR (WATTS/HP) | ELECTRICAL (VOLTAGE) | WEIGHT (LBS) | SONES | NOTES: |
|------|-----------|---------|------------|--------------|-------------------------|------------------|----------------------|--------------|-------|--------|
| EF-1 | BRONAN | QTR10 | 50 | 0.25" | CEILING FAN | FRAC. HP | 120V - 1Ø | 12 | 0.8 | 1,4,6 |
| EF-2 | GREENHECK | G-090-D | 300-400 | 0.5" | CENT. ROOF DIRECT DRIVE | 1/15 HP | 120V - 1Ø | 50 | 7.4 | 1,2,3 |
| EF-3 | GREENHECK | G-080-D | 150-200 | 0.5" | CENT. ROOF DIRECT DRIVE | 1/20 HP | 120V - 1Ø | 50 | 7.6 | 1,2,3 |
| EF-4 | GREENHECK | SP-A125 | 100 | 0.125" | CEILING FAN | 53 W | 120V - 1Ø | 12 | 1.8 | 1,4,6 |
| EF-5 | GREENHECK | SP-A390 | 350 | 0.25" | CEILING FAN | 135 W | 120V - 1Ø | 24 | 5.7 | 1,5,6 |

NOTES:
 1. INSTALL UNIT PER MANUFACTURER'S RECOMMENDATIONS
 2. ACCESSORIES: FACTORY ROOF CURB, STD. DISC. PREWIRED, BACKDRAFT DAMPER, SOLID-STATE SPEED CONTROLLER.
 3. FAN TO RUN CONTINUOUSLY.
 4. PROVIDE MANUAL WALL SWITCH
 5. PROVIDE THERMOSTATIC CONTROLS
 6. ACCESSORIES: BACKDRAFT DAMPER, VIBRATION ISOLATORS, SOLID-STATE SPEED CONTROLLER.

100% OSA MAKE-UP AIR UNIT SCHEDULE:

| TAG | MANUF. | MODEL NUMBER | SUPPLY FAN | | | COOLING CAPACITY | | | | HEATING CAPACITY (NATURAL GAS) | | | | ELECTRICAL (208V-3PH) | | | WEIGHT (LBS) | NOTES: |
|-------|--------|---------------------|------------|------|----------|------------------|---------|----------|---------|--------------------------------|---------|-----|-----|-----------------------|-----|------|--------------|--------|
| | | | CFM | ESP | FAN (HP) | TOT. | SEN. | EAT | LAT | INPUT | OUTPUT | EAT | LAT | FLA | MCA | MOCP | | |
| MUA-1 | AAON | RN-020-B-0-EB09-384 | 5600 | 1.5" | 5.0 | 251 MBH | 251 MBH | 115F/71F | 70F/55F | 405 MBH | 328 MBH | 32F | 85F | 88 | 95 | 125 | 2900 | 1,2 |

NOTES:
 1. INSTALL UNIT PER MANUFACTURER'S RECOMMENDATIONS
 2. PROVIDE: FACTORY ASSEMBLED 30" HIGH INSULATED ADAPTOR CURB/PLENUM, INTEGRAL NON-FUSED DISCONNECT SWITCH, STAINLESS STEEL DRAIN PAN, MERV-7 PRE-FILTER, MERV-12 FINAL FILTER, DUCT MOUNTED SMOKE DETECTOR.
 3. CONTRACTOR TO PROVIDE COMPLETE CONTROLS SYSTEM FOR CONSTANT SUPPLY AIR TEMPERATURE CONTROL. PROVIDE ORION WATTMASTER CONTROLLER, DUCT AND SPACE TEMPERATURE SENSORS AS REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM.

SPLIT-SYSTEM HEAT PUMP SCHEDULE:

| TAG | MANUF. | MODEL NUMBER | | TOT. COOLING CAPACITY (MBH) | SEN. COOLING CAPACITY (MBH) | HEATING CAPACITY (MBH) | AIR-FLOW @ 0.5" ESP (CFM) | AIR-HANDLER ELEC. (208V-1PH) (FLA/MA/MOCP) | COND. UNIT ELEC. (208V-1PH) (FLA/MA/MOCP) | EFFICIENCY (SEER/EER/HSFP) | AIR-HANDLER WEIGHT (LBS) | COND. UNIT WEIGHT (LBS) | NOTES: |
|-----------|---------|--------------|--------------|-----------------------------|-----------------------------|------------------------|---------------------------|--|---|----------------------------|--------------------------|-------------------------|-----------|
| | | AIR HANDLER | COND. UNIT | | | | | | | | | | |
| AH/HP-2 | CARRIER | FV4CNF003L00 | 25HBC524A003 | 19.6 | 18.79 | 18.67 | 800 | 4.3 / 5.4 / 15 | 13.3 / 16.5 / 25 | 16.0 / 12.5 / 9.0 | 150 | 233 | 1,2,3,4,5 |
| AH/HP-3 | CARRIER | FV4CNB005L00 | 25HBC536A003 | 29.49 | 28.44 | 26.72 | 1200 | 4.3 / 5.4 / 15 | 17.9 / 22.1 / 35 | 15.5 / 12.5 / 8.5 | 172 | 257 | 1,2,3,4,5 |
| AH/HP-3.5 | CARRIER | FV4CNB005L00 | 25HBC542A003 | 35.15 | 33.62 | 33.38 | 1400 | 4.3 / 5.4 / 15 | 22.3 / 27.6 / 40 | 15.5 / 13.0 / 8.5 | 172 | 290 | 1,2,3,4,5 |
| AH/HP-5 | CARRIER | FV4CNB006L00 | 25HBC560A003 | 47.93 | 46.19 | 45.25 | 2000 | 6.8 / 8.5 / 15 | 27.6 / 34.2 / 50 | 14.5 / 12.0 / 8.5 | 207 | 345 | 1,2,3,4,5 |

NOTES:
 1. DESIGN CONDITIONS: SUMMER = 80F/67F EAT (DB/WB), 115F AMBIENT WINTER = 70F EAT (DB), 32F (DB) AMBIENT
 2. INSTALL UNIT PER MANUFACTURER'S RECOMMENDATIONS
 3. CONDENSING UNITS: PROVIDE VIBRATION ISOLATORS, ANTI-SHORT CYCLE TIMER, TIME DELAY RELAY KIT.
 4. AIR-HANDLERS: PROVIDE PROGRAMMABLE THERMOSTAT, SPRING TYPE VIBRATION ISOLATORS, FILTER AND FILTER RACK.

PTAC SCHEDULE:

| MARK | MANUF. | MODEL NUMBER | COOLING (MBH) | HEATING (MBH) | EFFICIENCY EER/COP | AIR-FLOW (HI/LO) | ELECTRICAL (208V-1PH) (MCA/MOCP) | SOUND (DBA) | WEIGHT (LBS) | NOTES: |
|--------|--------|--------------|---------------|---------------|--------------------|------------------|----------------------------------|-------------|--------------|--------|
| PTAC-1 | LG | LP123H03B | 12.0 | 10.6 | 11.9 / 3.5 | 420 / 353 | 19.5 / 20 | 50 | 106 | 1,2 |

NOTES:
 1. INSTALL UNIT PER MANUFACTURER'S RECOMMENDATIONS.
 2. PROVIDE WALL SLEEVE, ARCHITECTURAL GRILLE, LEVELING LEG KIT, SUB-BASE, REMOTE T-STAT WITH 2-SPEED FAN CONTROL. VERIFY ACCESSORY AND CONTROL OPTIONS WITH OWNER PRIOR TO CONSTRUCTION.

MINI-SPLIT SCHEDULE:

| TAG | MANUF. | MODEL NUMBER | | NOMINAL CAPACITY (MBH) | AIR-FLOW (LOW/MED/HIGH) | COND. UNIT ELEC. (208V-1PH) (FLA/MA/MOCP) | EFFICIENCY (SEER/EER/HSFP) | AIR-HANDLER WEIGHT (LBS) | COND. UNIT WEIGHT (LBS) | NOTES: |
|----------------|--------|--------------|------------|------------------------|-------------------------|---|----------------------------|--------------------------|-------------------------|--------|
| | | AIR HANDLER | COND. UNIT | | | | | | | |
| DAH-1/CU-1 | LG | LSN12HSV3 | LSU12HSV3 | 12.0 | 212/272/353 | 8.7 / 10 / 15 | 21.5 / 12.5 / 11.0 | 23 | 75 | 1,2 |
| DAH-1.5/CU-1.5 | LG | LCN187HV | LUU187HV | 18.0 | 565/494/424 | 14.7 / 18.1 / 30 | 20.0 / 15.0 / 10.1 | 46 | 133 | 1,2,3 |

NOTES:
 1. INSTALL UNIT PER MANUFACTURER'S RECOMMENDATIONS
 2. PROVIDE PROGRAMMABLE THERMOSTAT, SPRING-TYPE VIBRATION ISOLATORS (AH), VIBRATION ISOLATION PAD (CU).
 3. PROVIDE CASSETTE GRILLE (PT-UMC1).

ROOF TOP PACKAGED AIR CONDITIONER SCHEDULE:

| MARK | MANUF. | MODEL NUMBER | TOT. COOLING CAPACITY (MBH) | SEN. COOLING CAPACITY (MBH) | AIR-FLOW (CFM) | OUTSIDE AIR (CFM) | ELECTRIC HEAT STRIP (KW) | ELECTRICAL: 208V-3PH | | WEIGHT (LBS) |
|------|---------|--------------|-----------------------------|-----------------------------|----------------|-------------------|--------------------------|----------------------|------|--------------|
| | | | | | | | | MCA | MOCP | |
| AC-2 | CARRIER | 50ES-A30 | 23.4 | 19.5 | 1000 | - | - | 15.8 | 20 | 347 |

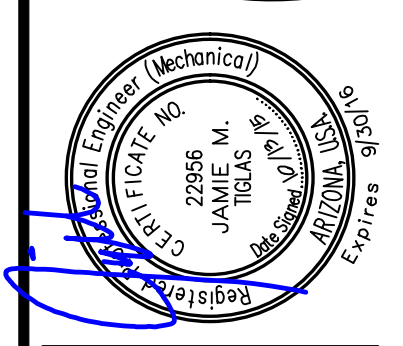
NOTES:
 1. INSTALL UNIT PER MANUFACTURER'S RECOMMENDATIONS
 2. PROVIDE PROGRAMMABLE THERMOSTAT AND SUBBASE (PER IECC REQUIREMENTS), VIBRATION ISOLATORS, ANTI-SHORT-CYCLE TIMER, TIME DELAY RELAY KIT, 8" ROOF CURB. PLACE TEMPERATURE SENSOR IN RETURN DUCT AND LOCATE THERMOSTAT IN MECHANICAL ROOM.
 3. PROVIDE DUCT SMOKE DETECTOR IN RETURN DUCT, INTERLOCK WITH AIR MOVING EQUIPMENT TO SHUT UNIT DOWN ON ACTIVATION.
 4. DESIGN CONDITIONS: SUMMER = 80F/67F EAT (DB/WB), 115F/71F (DB/WB) AMBIENT

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DATE
 07-24-2015
CITY COMMENTS
 10-16-2015

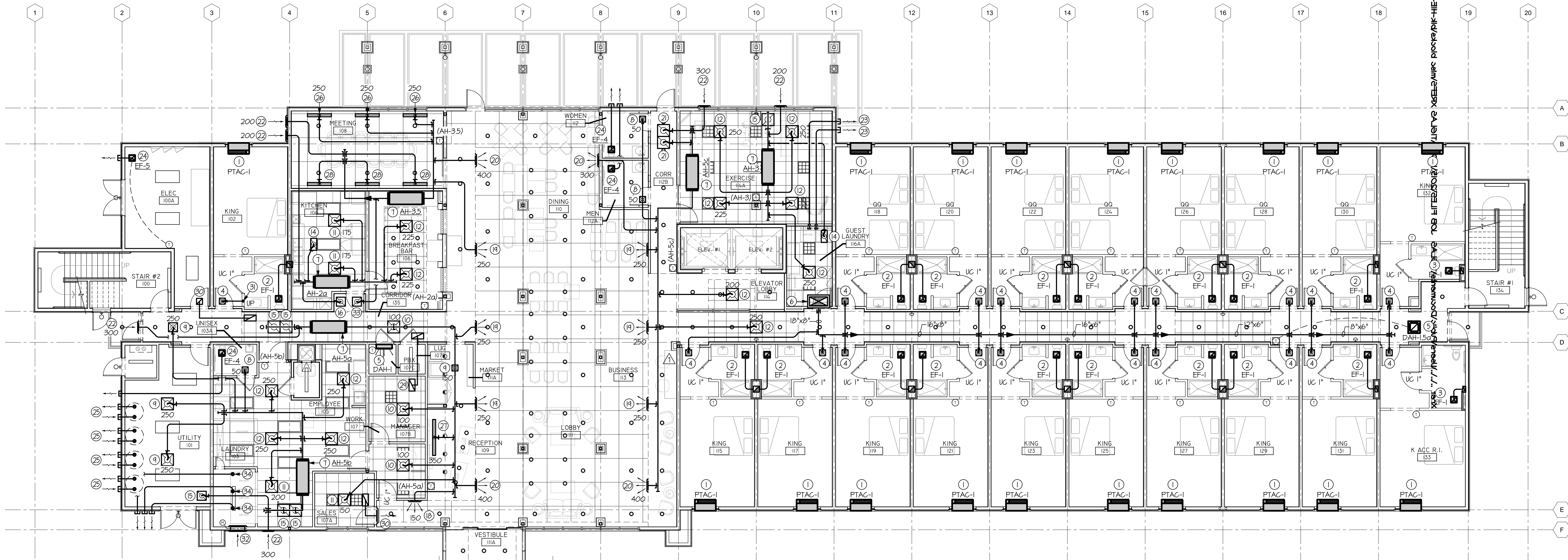
MECHANICAL SCHEDULES
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JOB NUMBER
 TEA#15026
DATE
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CITY COMMENTS
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 M-0



MECHANICAL 1st FLOOR PLAN
SCALE: 1/8" = 1'-0" (APPROX)

KEYNOTES

- 1 AIR CONDITIONING UNIT (PTAC-1) (WINDOW TYPE) INSTALL IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, PROVIDE REMOTE MOUNTED THERMOSTAT IN ACCORDANCE WITH HOLIDAY INN REQUIREMENTS.
- 2 EXHAUST FAN (EF-1), IN CEILING WITH MANUAL WALL SWITCH, FIELD ROUTE 4" ROUND STEEL EXHAUST SUB-DUCT TO RATED 12"x12" (INSIDE CLEAR) EXHAUST SHAFT. SEE 'EXHAUST SHAFT DETAIL' ON SHEET 'M-0' FOR SHAFT PENETRATION DETAIL. SEE ARCHITECTURAL PLANS FOR EXACT SHAFT LOCATION AND CONSTRUCTION DETAILS.
- 3 EXHAUST FAN (EF-2), IN CEILING WITH MANUAL WALL SWITCH, FIELD ROUTE 4" ROUND STEEL EXHAUST SUB-DUCT TO RATED 12"x6" (INSIDE CLEAR) EXHAUST SHAFT. SEE 'EXHAUST SHAFT DETAIL' ON SHEET 'M-0' FOR SHAFT PENETRATION DETAIL. SEE ARCHITECTURAL PLANS FOR EXACT SHAFT LOCATION AND CONSTRUCTION DETAILS.
- 4 ROUTE 4" OSA SUPPLY DUCT WITH VOLUME DAMPER TO 6"x6" CD-2 AND BALANCE TO 40 CFM. DUCT TO BE CONSTRUCTED OF GALVANIZED SHEET METAL (STEEL), MINIMUM 24 GAUGE. PENETRATION OF RATED ASSEMBLY TO BE PROTECTED AS A 'THROUGH PENETRATION' IN ACCORDANCE WITH IMC SECTION 712. FIRESTOPPING MATERIAL TO BE TESTED IN ACCORDANCE WITH ASTM E 119, ASTM E 814 OR UL 1478. VERIFY REQUIREMENTS WITH ARCHITECT PRIOR TO CONSTRUCTION.
- 5 DUCTLESS AIR HANDLER (DAH-#), INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE LIQUID/ SUCTION PIPING, SIZED AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS, FIELD ROUTE TO CORRESPONDING CONDENSING UNIT ON ROOF.
- 6 36"x18" (INSIDE CLEAR) OUTSIDE AIR SUPPLY SHAFT. SEE ARCHITECTURAL PLANS FOR EXACT SHAFT LOCATION/CONSTRUCTION DETAILS. PROVIDE AN ACCESSIBLE COMBINATION FIRE/SMOKE DAMPER AT ALL PENETRATIONS OF THE RATED SHAFT ASSEMBLY.
- 7 AIR HANDLING UNIT (AH-#) MOUNTED WITH SPRING TYPE VIBRATION ISOLATORS ON/ WITH RETURN AIR FLENUM WITH FULL SIZE DUCTS AND FLEX CONNECTORS. PROVIDE FULL-SIZE ACCESS PANEL WHERE LOCATED ABOVE HARD-LID CEILING. PROVIDE LIQUID/ SUCTION PIPING, SIZED AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS, FIELD ROUTE TO CORRESPONDING CONDENSING UNIT ON ROOF. DUCT SMOKE DETECTOR IN RETURN DUCT, INTERLOCK WITH AIR MOVING EQUIPMENT TO SHUT UNIT DOWN ON ACTIVATION.
- 8 6" X 6" CD-2, 6" ROUND NECK, 4-WAY THROW.
- 9 12" X 12" CD-2, 10" ROUND NECK, 4-WAY THROW.
- 10 24" X 24" CD-1, 6" ROUND NECK.
- 11 24" X 24" CD-1, 8" ROUND NECK.
- 12 24" X 24" CD-1, 10" ROUND NECK.
- 13 24" X 24" CD-1, 12" ROUND NECK.
- 14 24" X 12" RS-1, 12" ROUND NECK.
- 15 24" X 24" RS-1, 18" ROUND NECK.
- 16 14" X 14" RS-2, 12" ROUND NECK.
- 17 12" X 12" OUTSIDE AIR INTAKE LOUVER (L-1) WITH BIRD SCREEN, FIELD ROUTE 6" ROUND DUCT TO RETURN DUCT WITH VOLUME DAMPER AND BALANCE TO CFM RATE INDICATED ON PLANS.
- 18 14" X 6" SWS, 8" ROUND BRANCH DUCT WITH FULL SIZE DUCT CONNECTION TO DIFFUSER.
- 19 18" X 6" SWS, 10" ROUND BRANCH DUCT WITH FULL SIZE DUCT CONNECTION TO DIFFUSER.
- 20 18" X 6" SWS, 12" ROUND BRANCH DUCT WITH FULL SIZE DUCT CONNECTION TO DIFFUSER.
- 21 24" X 24" RG-2, 18" ROUND NECK.
- 22 18" X 12" OUTSIDE AIR INTAKE LOUVER (L-1) WITH BIRD SCREEN, FIELD ROUTE TO RETURN DUCT WITH VOLUME DAMPER AND BALANCE TO CFM RATE INDICATED ON PLANS.
- 23 4" ROUND DRYER VENT FROM DRYER VENT BOX TO WALL GAP WITH BACKDRAFT DAMPER. NOT TO EXCEED 25' IN LENGTH WITH 5' PER 180° ELBOW. FIELD COORDINATE INSTALLATION WITH EQUIPMENT MANUFACTURER REQUIREMENTS.
- 24 EXHAUST FAN (EF-#), IN CEILING WITH FULL SIZE DUCT THRU ROOF TO CAP. MINIMUM OF 10' FROM OUTSIDE AIR INTAKE. FAN TO RUN CONTINUOUSLY UNLO.
- 25 CONCENTRIC INTAKE/EXHAUST AT GAS WATER HEATER. INSTALL PER MANUFACTURER'S REQUIREMENTS. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 26 4'-0" LD-1, 10" ROUND BRANCH DUCT TO PLENUM BOX.
- 27 6'-0" LD-1, 12" ROUND BRANCH DUCT TO PLENUM BOX.
- 28 4'-0" LR-1, 10" ROUND BRANCH DUCT TO PLENUM BOX.
- 29 12" X 24" T6-1 WITH 12" X 12" TRANSFER DUCT WITH 1/2" DUCT INSULATION TO 12" X 24" T6-1 WITH MINIMUM OF 1 ELBOW.
- 30 12" X 24" T6-1 WITH 12" X 12" TRANSFER DUCT WITH 1/2" DUCT INSULATION TO 12" X 12" T6-1 WITH MINIMUM OF 1 ELBOW.
- 31 4" ROUND OSA SUPPLY DUCT UP/DOWN TO/ FROM ADJACENT LEVEL. SEE SHEET M-1-M-2 FOR CONTINUATION.
- 32 24" X 24" WALL LOUVER (L-1) WITH MOTORIZED DAMPER. DAMPER TO BE NORMALLY CLOSED AND TO OPEN UPON ACTIVATION OF ANY DRYER.
- 33 16" X 16" RS-2, 14" ROUND NECK.
- 34 6" ROUND DRYER VENT TO WALL GAP WITH BACKDRAFT DAMPER. FIELD VERIFY REQUIREMENTS WITH ACTUAL DRYER UNITS BEING SUPPLIED.

NOTE: ALL KEYNOTES MAY NOT BE USED ON THIS SHEET.

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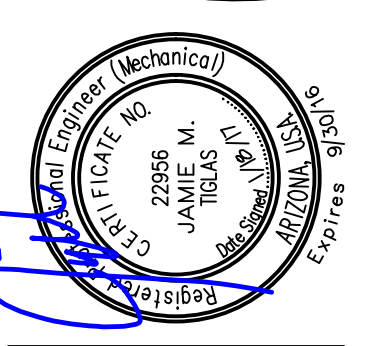
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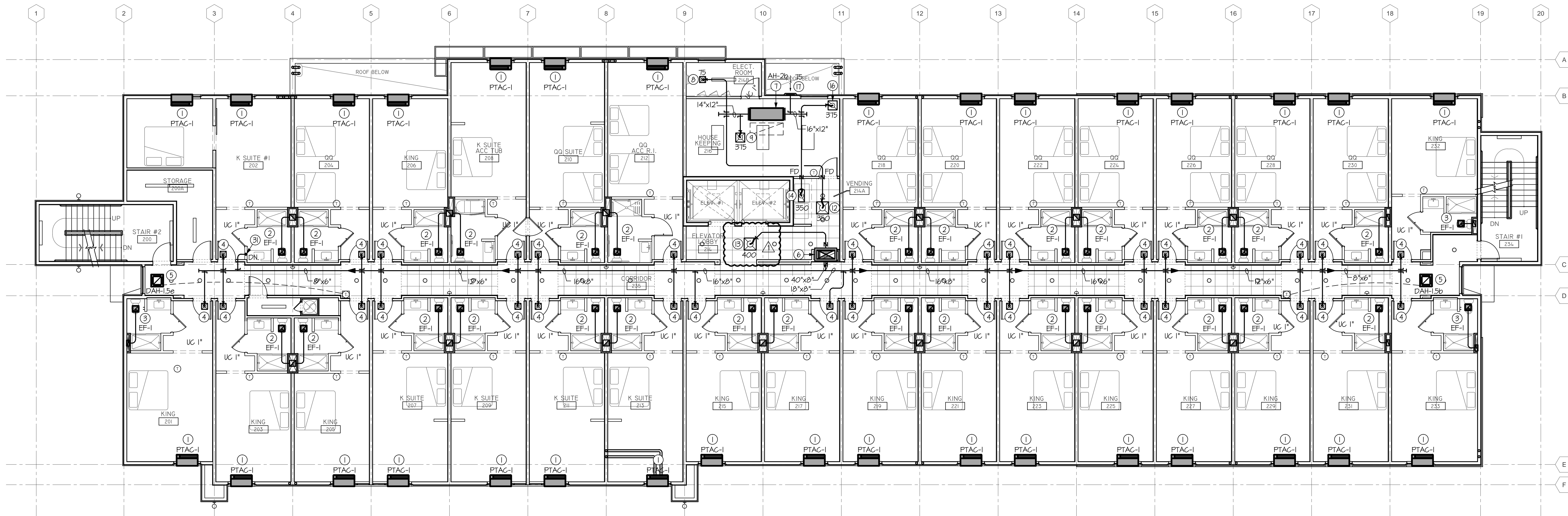
MECHANICAL
1ST FLOOR PLAN

M-I

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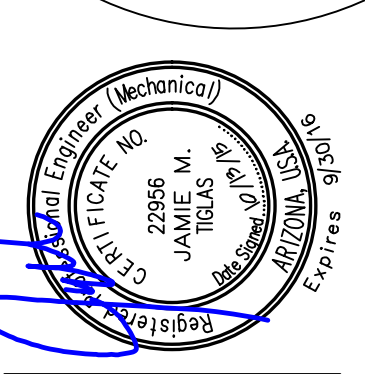
MECHANICAL 2nd FLOOR PLAN
SCALE: 1/8" = 1'-0" (APPROX)

KEYNOTES

- 1 AIR CONDITIONING UNIT (PTAC-1) (WINDOW TYPE) INSTALL IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, PROVIDE REMOTE MOUNTED THERMOSTAT IN ACCORDANCE WITH HOLIDAY INN REQUIREMENTS.
- 2 EXHAUST FAN (EF-1), IN CEILING WITH MANUAL WALL SWITCH, FIELD ROUTE 4" ROUND STEEL EXHAUST SUB-DUCT TO RATED 12"x12" (INSIDE CLEAR) EXHAUST SHAFT. SEE 'EXHAUST SHAFT DETAIL' ON SHEET 'M-0' FOR SHAFT PENETRATION DETAIL. SEE ARCHITECTURAL PLANS FOR EXACT SHAFT LOCATION AND CONSTRUCTION DETAILS.
- 3 EXHAUST FAN (EF-1), IN CEILING WITH MANUAL WALL SWITCH, FIELD ROUTE 4" ROUND STEEL EXHAUST SUB-DUCT TO RATED 12"x6" (INSIDE CLEAR) EXHAUST SHAFT. SEE 'EXHAUST SHAFT DETAIL' ON SHEET 'M-0' FOR SHAFT PENETRATION DETAIL. SEE ARCHITECTURAL PLANS FOR EXACT SHAFT LOCATION AND CONSTRUCTION DETAILS.
- 4 ROUTE 4" OSA SUPPLY DUCT WITH VOLUME DAMPER TO 6"x6" CD-2 AND BALANCE TO 40 CFM. DUCT TO BE CONSTRUCTED OF GALVANIZED SHEET METAL (STEEL), MINIMUM 24 GAUGE. PENETRATION OF RATED ASSEMBLY TO BE PROTECTED AS A THROUGH PENETRATION IN ACCORDANCE WITH IMC SECTION 712. FIRESTOPPING MATERIAL TO BE TESTED IN ACCORDANCE WITH ASTM E 194, ASTM E 214 OR UL 1479. VERIFY REQUIREMENTS WITH ARCHITECT PRIOR TO CONSTRUCTION.
- 5 DUCTLESS AIR HANDLER (DAH-1), INSTALL PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE LIQUID/ SUCTION PIPING, SIZED AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS, FIELD ROUTE TO CORRESPONDING CONDENSING UNIT ON ROOF.
- 6 36"x16" (INSIDE CLEAR) OUTSIDE AIR SUPPLY SHAFT. SEE ARCHITECTURAL PLANS FOR EXACT SHAFT LOCATION/CONSTRUCTION DETAILS. PROVIDE AN ACCESSIBLE COMBINATION FIRE/SMOKE DAMPER AT ALL PENETRATIONS OF THE RATED SHAFT ASSEMBLY.
- 7 AIR HANDLING UNIT (AH-1) MOUNTED WITH SPRING TYPE VIBRATION ISOLATORS ON VIBRATION ISOLATORS WITH RETURN AIR FLENUM WITH FULL SIZE DUCTS AND FLEX CONNECTORS. PROVIDE FULL-SIZE ACCESS PANEL WHERE LOCATED ABOVE HARD-LID CEILING. PROVIDE LIQUID/ SUCTION PIPING, SIZED AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS, FIELD ROUTE TO CORRESPONDING CONDENSING UNIT ON ROOF. DUCT SMOKE DETECTOR IN RETURN DUCT, INTERLOCK WITH AIR MOVING EQUIPMENT TO SHUT UNIT DOWN ON ACTIVATION.
- 8 6" X 6" CD-2, 6" ROUND NECK, 4-WAY THROU.
- 9 12" X 12" CD-2, 10" ROUND NECK, 4-WAY THROU.
- 10 24" X 24" CD-1, 6" ROUND NECK.
- 11 24" X 24" CD-1, 8" ROUND NECK.
- 12 24" X 24" CD-1, 10" ROUND NECK.
- 13 24" X 24" CD-1, 12" ROUND NECK.
- 14 24" X 12" RG-1, 12" ROUND NECK.
- 15 24" X 24" RG-1, 18" ROUND NECK.
- 16 14" X 14" RG-2, 12" ROUND NECK.
- 17 12" X 12" OUTSIDE AIR INTAKE LOUVER (L-1) WITH BIRD SCREEN, FIELD ROUTE 6" ROUND DUCT TO RETURN DUCT WITH VOLUME DAMPER AND BALANCE TO CFM RATE INDICATED ON PLANS.
- 18 14" X 6" SWS, 8" ROUND BRANCH DUCT WITH FULL SIZE DUCT CONNECTION TO DIFFUSER.
- 19 18" X 6" SWS, 10" ROUND BRANCH DUCT WITH FULL SIZE DUCT CONNECTION TO DIFFUSER.
- 20 18" X 6" SWS, 12" ROUND BRANCH DUCT WITH FULL SIZE DUCT CONNECTION TO DIFFUSER.
- 21 24" X 24" RG-2, 18" ROUND NECK.
- 22 18" X 12" OUTSIDE AIR INTAKE LOUVER (L-1) WITH BIRD SCREEN, FIELD ROUTE TO RETURN DUCT WITH VOLUME DAMPER AND BALANCE TO CFM RATE INDICATED ON PLANS.
- 23 4" ROUND DRYER VENT FROM DRYER VENT BOX TO HALL CAP WITH BACKDRAFT DAMPER. NOT TO EXCEED 25' IN LENGTH WITH 90° ELBOW. FIELD COORDINATE INSTALLATION WITH EQUIPMENT MANUFACTURER REQUIREMENTS.
- 24 EXHAUST FAN (EF-1), IN CEILING WITH FULL SIZE DUCT THRU ROOF TO CAP. MINIMUM OF 10' FROM OUTSIDE AIR INTAKE. FAN TO RUN CONTINUOUSLY UNO.
- 25 CONCENTRIC INTAKE/EXHAUST AT GAS WATER HEATER. INSTALL PER MANUFACTURERS REQUIREMENTS. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 26 4'-0" LD-1, 10" ROUND BRANCH DUCT TO FLENUM BOX.
- 27 6'-0" LD-1, 12" ROUND BRANCH DUCT TO FLENUM BOX.
- 28 4'-0" LR-1, 10" ROUND BRANCH DUCT TO FLENUM BOX.
- 29 12" X 24" T6-1 WITH 12" X 12" TRANSFER DUCT WITH 1/2" DUCT INSULATION TO 12" X 24" T6-1 WITH MINIMUM OF 1 ELBOW.
- 30 12" X 24" T6-1 WITH 12" X 12" TRANSFER DUCT WITH 1/2" DUCT INSULATION TO 12" X 12" T6-1 WITH MINIMUM OF 1 ELBOW.
- 31 4" ROUND OSA SUPPLY DUCT UP/DOWN TO/FROM ADJACENT LEVEL. SEE SHEET 'M-1M-2' FOR CONTINUATION.
- 32 24" X 24" HALL LOUVER (L-1) WITH MOTORIZED DAMPER. DAMPER TO BE NORMALLY CLOSED AND TO OPEN UPON ACTIVATION OF ANY DRYER.
- 33 16" X 16" RG-2, 14" ROUND NECK.
- 34 6" ROUND DRYER VENT TO HALL CAP WITH BACKDRAFT DAMPER. FIELD VERIFY REQUIREMENTS WITH ACTUAL DRYER UNITS BEING SUPPLIED.

NOTE: ALL KEYNOTES MAY NOT BE USED ON THIS SHEET.

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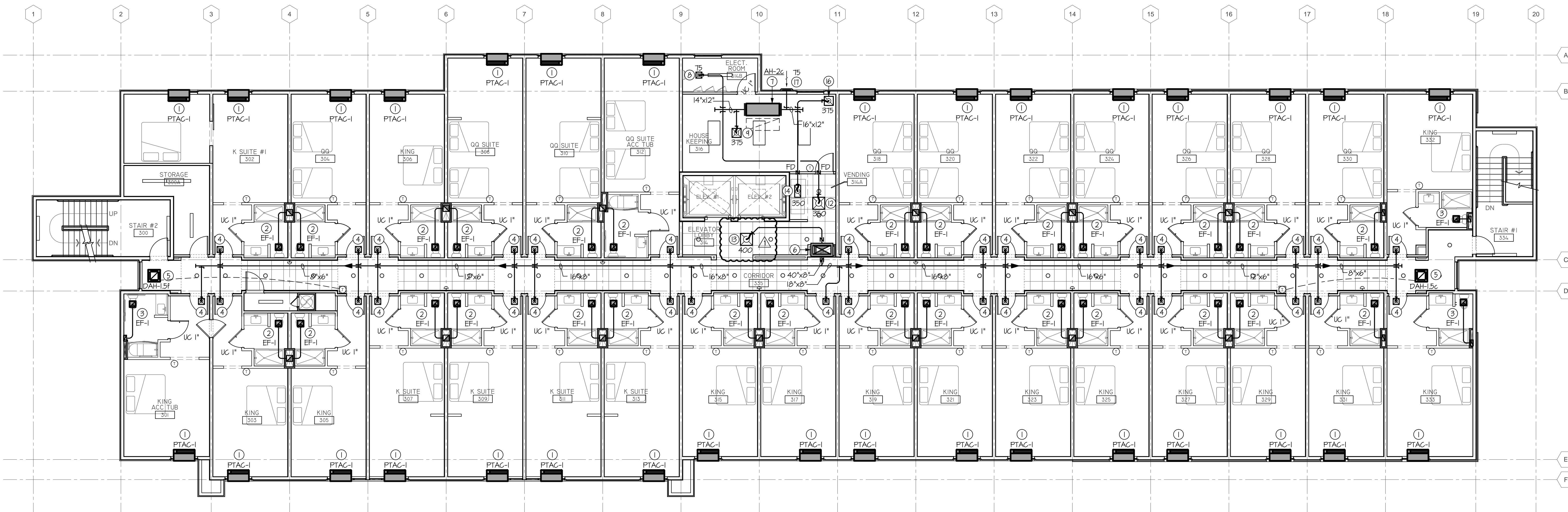
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MECHANICAL
2ND FLOOR PLAN
M-2

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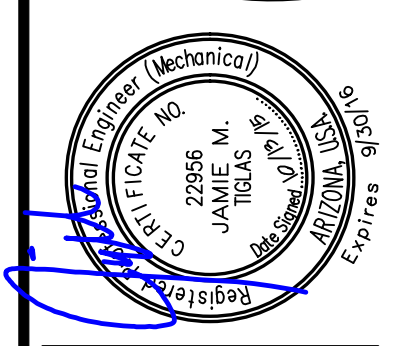
MECHANICAL 3rd FLOOR PLAN
SCALE: 1/8" = 1'-0" (APPROX)

KEYNOTES

- 1 AIR CONDITIONING UNIT (PTAC-1) (WINDOW TYPE) INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, PROVIDE REMOTE MOUNTED THERMOSTAT IN ACCORDANCE WITH HOLIDAY INN REQUIREMENTS.
- 2 EXHAUST FAN (EF-1), IN CEILING WITH MANUAL WALL SWITCH, FIELD ROUTE 4" ROUND STEEL EXHAUST SUB-DUCT TO RATED 12"x12" (INSIDE CLEAR) EXHAUST SHAFT. SEE 'EXHAUST SHAFT DETAIL' ON SHEET 'M-0' FOR SHAFT PENETRATION DETAIL. SEE ARCHITECTURAL PLANS FOR EXACT SHAFT LOCATION AND CONSTRUCTION DETAILS.
- 3 EXHAUST FAN (EF-1), IN CEILING WITH MANUAL WALL SWITCH, FIELD ROUTE 4" ROUND STEEL EXHAUST SUB-DUCT TO RATED 12"x6" (INSIDE CLEAR) EXHAUST SHAFT. SEE 'EXHAUST SHAFT DETAIL' ON SHEET 'M-0' FOR SHAFT PENETRATION DETAIL. SEE ARCHITECTURAL PLANS FOR EXACT SHAFT LOCATION AND CONSTRUCTION DETAILS.
- 4 ROUTE 4" OSA SUPPLY DUCT WITH VOLUME DAMPER TO 6"x6" CD-2 AND BALANCE TO 40 CFM. DUCT TO BE CONSTRUCTED OF GALVANIZED SHEET METAL (STEEL), MINIMUM 24 GAUGE. PENETRATION OF RATED ASSEMBLY TO BE PROTECTED AS A 'THROUGH PENETRATION' IN ACCORDANCE WITH IMC SECTION 712. FIRESTOPPING MATERIAL TO BE TESTED IN ACCORDANCE WITH ASTM E 114, ASTM E 814 OR UL 1474. VERIFY REQUIREMENTS WITH ARCHITECT PRIOR TO CONSTRUCTION.
- 5 DUCTLESS AIR HANDLER (DAH-1), INSTALL PER MANUFACTURER'S RECOMMENDATIONS, PROVIDE LIQUID/ SUCTION PIPING, SIZED AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS, FIELD ROUTE TO CORRESPONDING CONDENSING UNIT ON ROOF.
- 6 36"x18" (INSIDE CLEAR) OUTSIDE AIR SUPPLY SHAFT. SEE ARCHITECTURAL PLANS FOR EXACT SHAFT LOCATION/CONSTRUCTION DETAILS. PROVIDE AN ACCESSIBLE COMBINATION FIRE/SMOKE DAMPER AT ALL PENETRATIONS OF THE RATED SHAFT ASSEMBLY.
- 7 AIR HANDLING UNIT (AH-1) MOUNTED WITH SPRING TYPE VIBRATION ISOLATORS ON/ WITH RETURN AIR PLENUM WITH FULL SIZE DUCTS AND FLEX CONNECTORS. PROVIDE FULL-SIZE ACCESS PANEL WHERE LOCATED ABOVE HARD-LID CEILING. PROVIDE LIQUID/ SUCTION PIPING, SIZED AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS, FIELD ROUTE TO CORRESPONDING CONDENSING UNIT ON ROOF. DUCT SMOKE DETECTOR IN RETURN DUCT, INTERLOCK WITH AIR MOVING EQUIPMENT TO SHUT UNIT DOWN ON ACTIVATION.
- 8 6" X 6" CD-2, 6" ROUND NECK, 4-WAY THROW.
- 9 12" X 12" CD-2, 10" ROUND NECK, 4-WAY THROW.
- 10 24" X 24" CD-1, 6" ROUND NECK.
- 11 24" X 24" CD-1, 8" ROUND NECK.
- 12 24" X 24" CD-1, 10" ROUND NECK.
- 13 24" X 24" CD-1, 12" ROUND NECK.
- 14 24" X 12" RG-1, 12" ROUND NECK.
- 15 24" X 24" RG-1, 18" ROUND NECK.
- 16 14" X 14" RG-2, 12" ROUND NECK.
- 17 12" X 12" OUTSIDE AIR INTAKE LOUVER (L-1) WITH BIRD SCREEN, FIELD ROUTE 6" ROUND DUCT TO RETURN DUCT WITH VOLUME DAMPER AND BALANCE TO CFM RATE INDICATED ON PLANS.
- 18 14" X 6" SHS, 8" ROUND BRANCH DUCT WITH FULL SIZE DUCT CONNECTION TO DIFFUSER.
- 19 18" X 6" SHS, 10" ROUND BRANCH DUCT WITH FULL SIZE DUCT CONNECTION TO DIFFUSER.
- 20 18" X 6" SHS, 12" ROUND BRANCH DUCT WITH FULL SIZE DUCT CONNECTION TO DIFFUSER.
- 21 24" X 24" RG-2, 18" ROUND NECK.
- 22 18" X 12" OUTSIDE AIR INTAKE LOUVER (L-1) WITH BIRD SCREEN, FIELD ROUTE TO RETURN DUCT WITH VOLUME DAMPER AND BALANCE TO CFM RATE INDICATED ON PLANS.
- 23 4" ROUND DRYER VENT FROM DRYER VENT BOX TO WALL CAP WITH BACKDRAFT DAMPER (NOT TO EXCEED 25' IN LENGTH WITH 5' PER 90° ELBOW). FIELD COORDINATE INSTALLATION WITH EQUIPMENT MANUFACTURER REQUIREMENTS.
- 24 EXHAUST FAN (EF-1), IN CEILING WITH FULL SIZE DUCT THRU ROOF TO CAP, MINIMUM OF 10' FROM OUTSIDE AIR INTAKE. FAN TO RUN CONTINUOUSLY UNO.
- 25 CONCENTRIC INTAKE/EXHAUST AT GAS WATER HEATER. INSTALL PER MANUFACTURER'S REQUIREMENTS. SEE PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- 26 4'-0" LD-1, 10" ROUND BRANCH DUCT TO PLENUM BOX.
- 27 6'-0" LD-1, 12" ROUND BRANCH DUCT TO PLENUM BOX.
- 28 4'-0" LR-1, 10" ROUND BRANCH DUCT TO PLENUM BOX.
- 29 12" X 24" TG-1 WITH 12" X 12" TRANSFER DUCT WITH 1/2" DUCT INSULATION TO 12" X 24" TG-1 WITH MINIMUM OF 1 ELBOW.
- 30 12" X 24" TG-1 WITH 12" X 12" TRANSFER DUCT WITH 1/2" DUCT INSULATION TO 12" X 12" TG-1 WITH MINIMUM OF 1 ELBOW.
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