



TIMBER RIDGE COTTAGES OFFICE BUILDING

SECTION 8, TOWNSHIP 18, RANGE 15
BROKEN ARROW, WAGONER COUNTY, OK



STARK WILSON DUNCAN ARCHITECTS INC
315 NICHOLS RD, STE 228 - KANSAS CITY, MO 64112 - T 816.531.1698 F 816.531.1978

SHEET SCHEDULE

COVER SHEET

ALTA SURVEY
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SP1.2 SITE DETAILS

ARCHITECTURAL DRAWINGS

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- O A1.1 OFFICE FLOOR PLANS, ROOF PLAN & INTERIOR ELEVATIONS
- O A2.1 OFFICE BUILDING ELEVATIONS
- O A3.1 OFFICE WALL SECTIONS
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- O E5.1 OFFICE BUILDING ELECTRICAL SCHEDULES

GENERAL PROJECT NOTES

- ALL WORK TO MEET ALL APPLICABLE BUILDING, PLUMBING, MECHANICAL, ELECTRICAL, ADA/HANDICAP ACCESSIBILITY & LIFE SAFETY CODES & REQUIREMENTS.
- THE GENERAL CONTRACTOR & ALL SUBCONTRACTORS SHALL THOROUGHLY FAMILIARIZE THEMSELVES TO ALL BUILDING SPECIFIC REQUIREMENTS & EXTENTS OF THE WORK PRIOR TO BIDDING. NO CHANGES IN THE CONTRACT WILL BE CONSIDERED FOR INFORMATION DISCERNIBLE FROM THE DRAWINGS.
- DO NOT SCALE DRAWINGS. FIELD VERIFY ALL EX. CONDITIONS, DIMENSIONS, ELEVATIONS, ETC. PRIOR TO ORDERING, FABRICATION, ETC..
- NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN THE PROJECT DOCUMENTS & EX. CONDITIONS.
- REFERENCE ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING PLANS FOR ADDITIONAL INFORMATION.
- INSTALL NON-EXPANDING SPRAY FOAM INSULATION AT WINDOW & EXTERIOR DOOR BLOCKING. SEAL ALL CRACKS, GAPS & HOLES (FLOOR / WALL JOINT, WALL TOP PLATE, ELEC. OUTLET BOXES, MEP PENETRATING ITEMS, HVAC SUPPLY & RETURN BOOTS, ETC.) IN THE GYP. BD. BUILDING ENVELOPE (WALLS & CEILING) WITH CAULK OR EXPANDING FOAM; ALL UNITS WILL BE REQUIRED TO MEET A MAX. BLOWER DOOR SCORE OF 4ACH50.
- PARTICLE BOARD & MDF TO BE CERTIFIED COMPLIANT WITH ANSI A208.1 & A208.2, UREA FORMALDEHYDE-FREE COMPOSITE WOOD.
- CAULK ALL JOINTS BETWEEN DISSIMILAR MATERIALS FOR WEATHERPROOF, WATERPROOF, AIRTIGHT, ETC. PERFORMANCE.
- ALL COLOR SELECTIONS BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
- REFER TO DOOR SCHEDULE FOR DOOR & HARDWARE REQUIREMENTS. THE HINGE SIDE OF THE DOOR JAMB SHALL BE 4" FROM THE ADJACENT WALL, UNLESS SHOWN OTHERWISE.
- REFER TO SHEET A0.1 FOR TYPICAL FIRESTOPPING DETAILS. 078413.
- TERMITE TREATMENT SHALL BE INSTALLED PRIOR TO INSTALLING BUILDING SLAB.

PROJECT TEAM

ARCHITECT

STARK WILSON DUNCAN
ARCHITECTS INC.
315 NICHOLS ROAD, SUITE 228
KANSAS CITY, MISSOURI 64112
TEL 816 531 1698
FAX 816 531 1978

STRUCTURAL

BOB D. CAMPBELL
4338 BELLEVUE
KANSAS CITY, MO 64111
TEL 816 531 4144
FAX 816 531 8512

MECHANICAL, ELECTRICAL & PLUMBING ENGINEER

HOSS & BROWN ENGINEERS INC.
11205 WEST 14TH STREET
LENEXA, KANSAS 66214
TEL 913 362 9090
FAX 913 362 4646

CIVIL

CROCKETT ENGINEERING CONSULTANTS, LLC
1000 N NIFONG BLVD, BLDG 1
COLUMBIA, MO 65202
TEL 573 441 0242

DEVELOPER

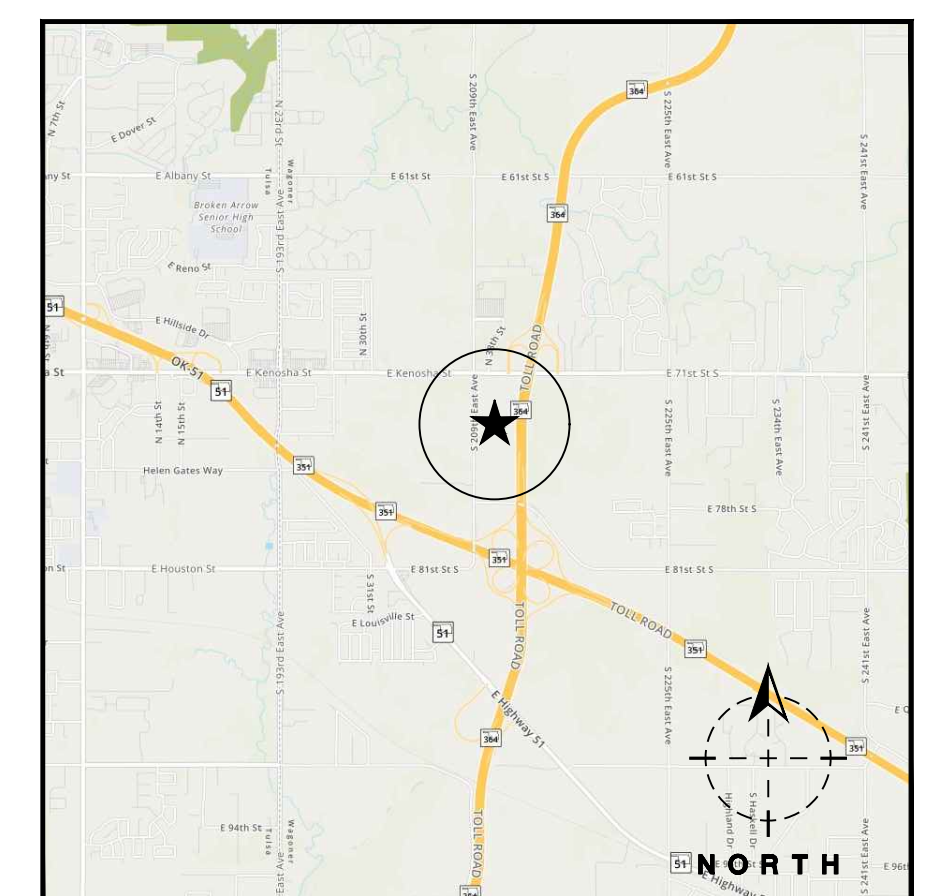
DHTG DEVELOPMENT, LLC
1900 E LARK LANE
NIXA, MISSOURI 65114
TEL 417 224 5035

GENERAL CONTRACTOR

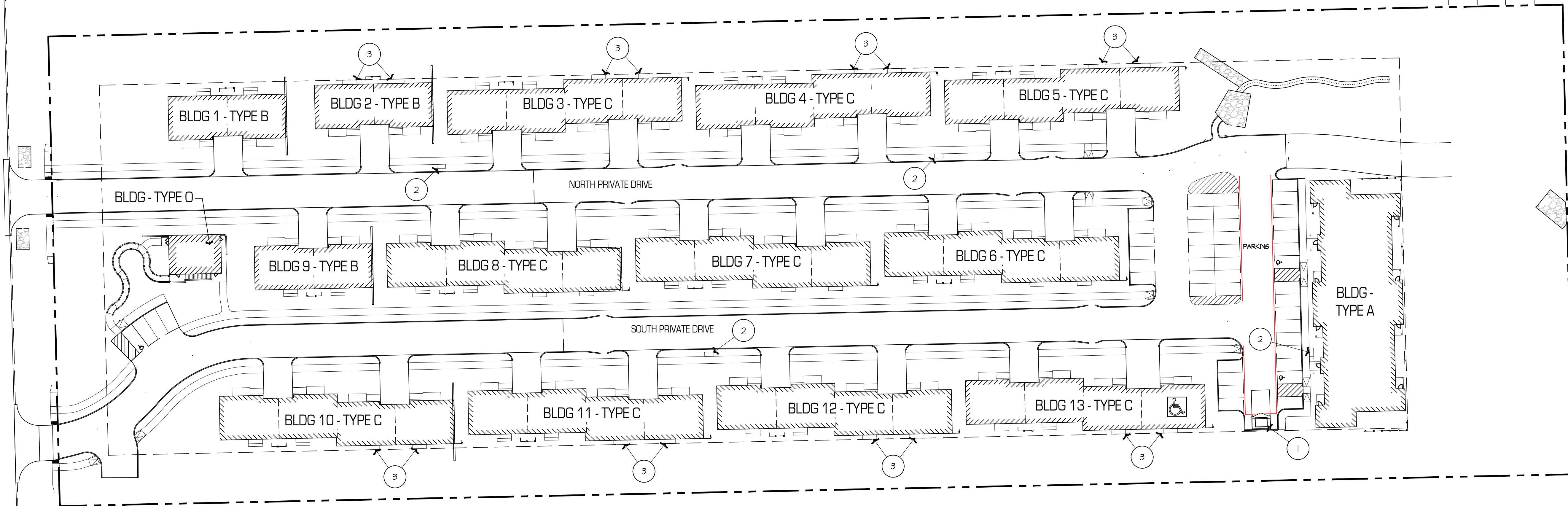
OLYMPUS CONSTRUCTION, INC.
2506 W. WASHINGTON
JONESBORO, ARKANSAS 72401
TEL 870 432 6610
FAX 870 432 0856

ISSUE DATE:

OCTOBER 18, 2019



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KEYNOTES

1. TRASH ENCLOSURE. RE: TO A5/SP1.2.
2. MAILBOX(S). RE: A7/SP1.2. PROVIDE CONCRETE PAD AT EACH LOCATION. RE: CIVIL. 105900.15
3. REDUCE DEPTH OF CONCRETE PATIO THIS LOCATION. REFER TO A6/A11 FOR ADDITIONAL INFORMATION.

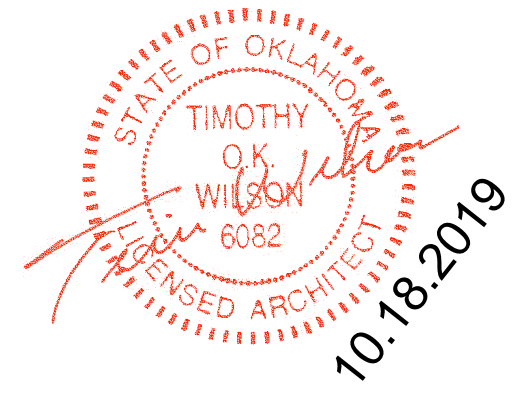


ARCHITECTURAL CORPORATION
OKLAHOMA CERTIFICATE
OF AUTHORITY NO. CA 02479

TIMBER RIDGE COTTAGES
SECTION 8, TOWNSHIP 18, RANGE 15
BROKEN ARROW, WAGONER COUNTY, OK

STARK WILSON DUNCAN ARCHITECTS INC.
315 NICHOLS RD, STE 228 - KANSAS CITY, MO 64112 - T 816.531.1996 F 816.531.1978

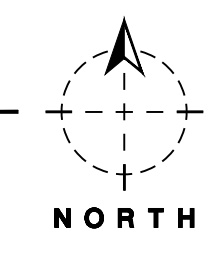
SEAL
ARCHITECT - TIMOTHY O.K. WILSON
LICENSE NO. 6082



SITE PLAN

ISSUE DATE:
OCTOBER 18, 2019
REVISIONS:

A2 SITE PLAN
SCALE: 1" = 40' - 0"

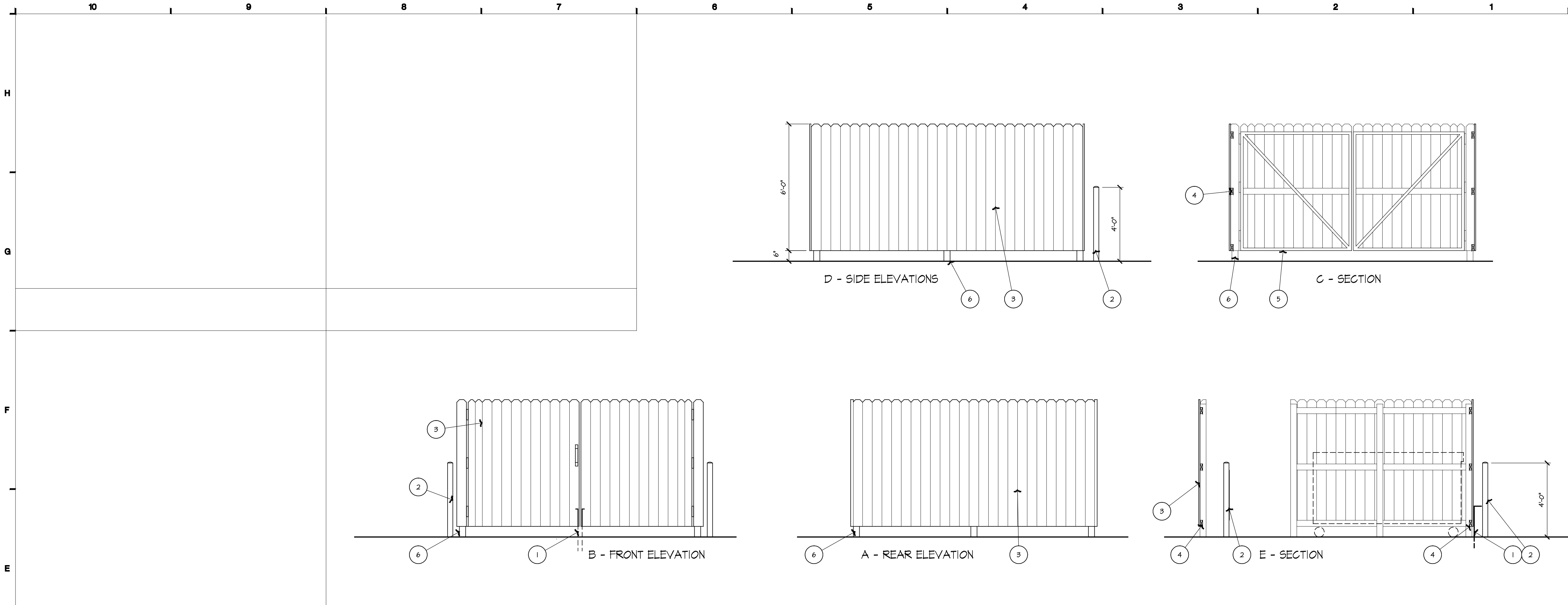


PROJECT NO.: 1902

SP1.1

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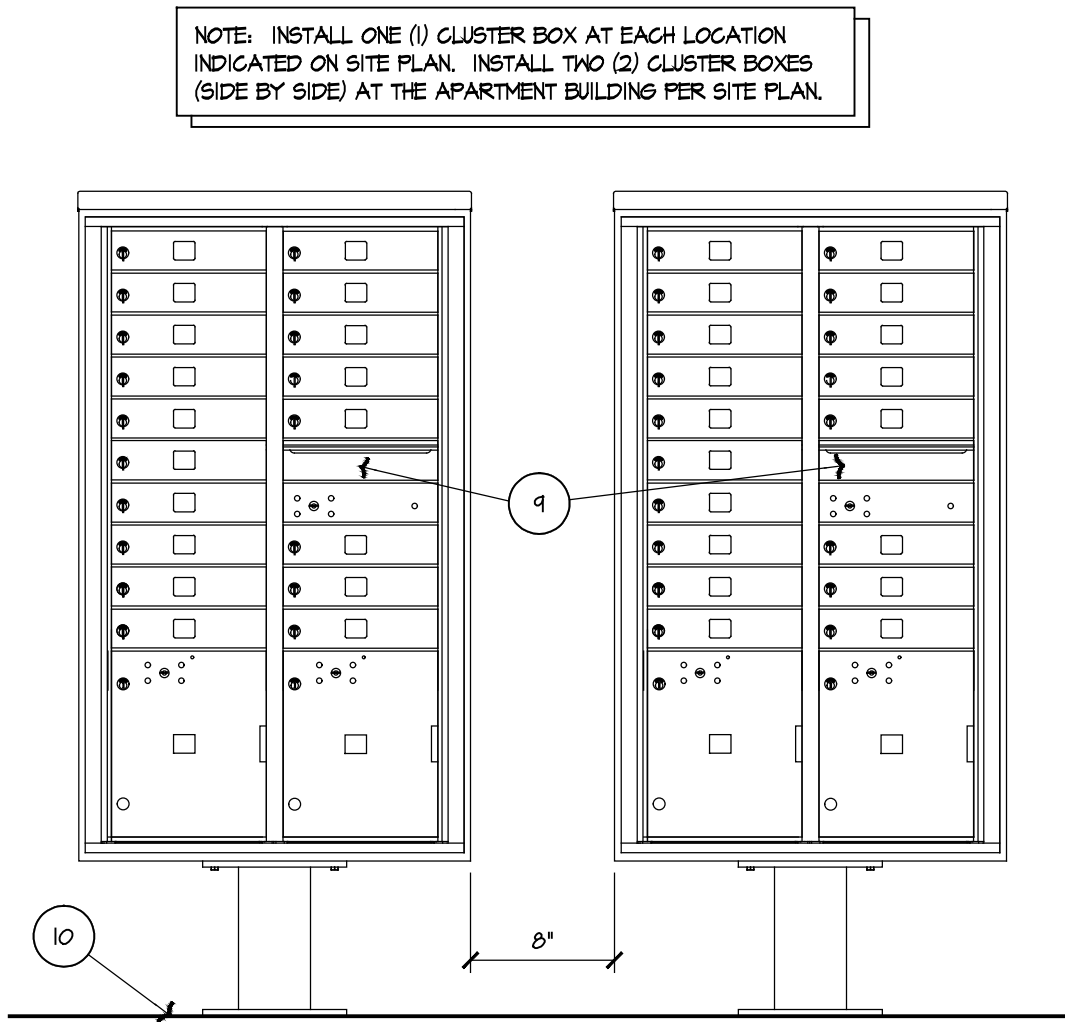


KEY NOTES

1. 16" TALL GANE BOLT, PROVIDE HOLE IN CONCRETE. PROVIDE 1 FOR EACH GATE. PAINT.
2. 6" DIA. CONCRETE FILLED STEEL BOLLARD AT 4'-0" TALL. PAINT. EMBED 3'-0" MIN. INTO CONCRETE.
3. 6'-0" TALL VINYL FENCING BY 'VERANDA'. COLOR BY ARCHITECT. INSTALL TO WOOD FRAMING FOR ENHANCED STRENGTH & DURABILITY. FASTEN WITH EXTERIOR GRADE SCREWS.
4. 2X4 TREATED WOOD FENCE FRAMING.
5. H66 1/2" X 1 1/2" X 3/16" STEEL TUBE GATE FRAMING. ALL CONNECTIONS FULLY WELDED. GRIND WELDS SMOOTH. PAINT. SCREW FENCING TO STEEL TUBING WITH 2" SELF DRILLING TEK #5 SCREWS. PROVIDE AND INSTALL 3 HEAVY DUTY HINGES ON EACH GATE.
6. H66 3 1/2" X 3 1/2" X 5/16" TUBE STEEL POSTS SET IN MIN. 3'-0" DEEP CONCRETE. CAP POSTS WITH STEEL PLATE. PAINT. SCREW FRAMING TO STEEL POSTS WITH 3" SELF DRILLING TEK #5 SCREWS. PAINT.
7. BACK OF CURB, REFER TO CIVIL PLANS.
8. REINFORCED CONCRETE SLAB, REFER TO CIVIL PLANS.
9. FLORENCE CORPORATION CLUSTER MAIL BOX - VITAL. BTO-18. COLOR POSTAL GREY. NUMBERING OF MAILBOX PER THE REQUIREMENTS OF THE LOCAL POSTAL SERVICE.
10. CONCRETE PAD PER CLUSTER MAIL BOX MFG SPECIFICATIONS.

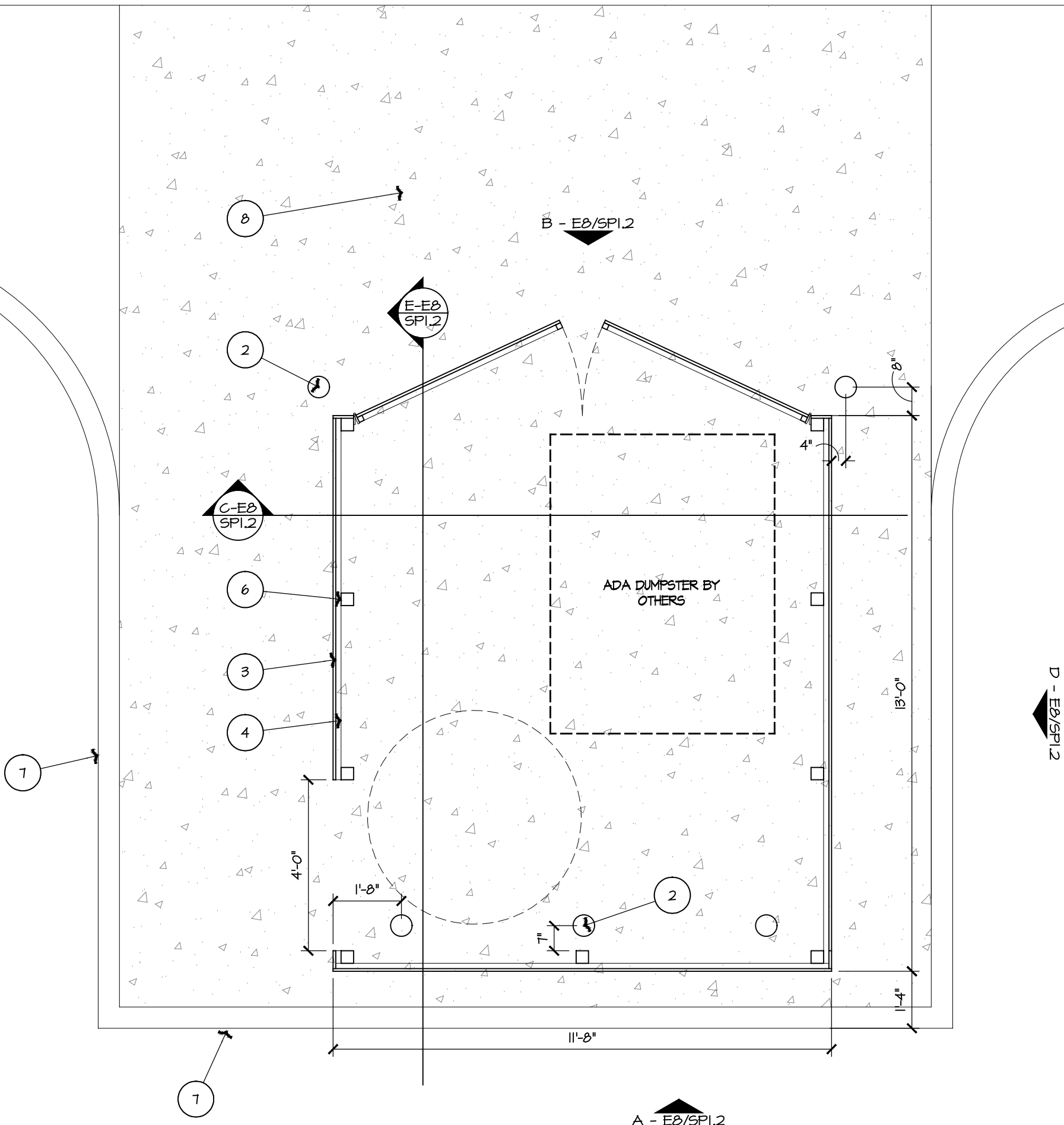
E8 TRASH ENCLOSURE ELEVATIONS

SCALE: 3/8" = 1'-0"



A7 MAIL BOX ELEVATION

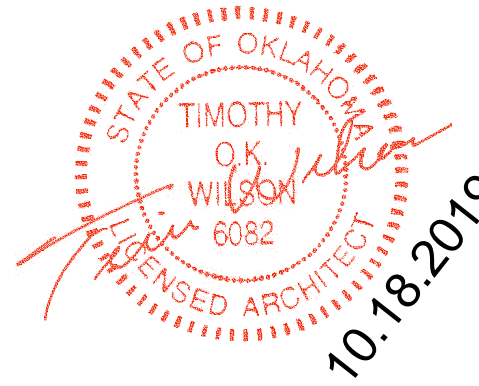
SCALE: NO SCALE



A5 TRASH ENCLOSURE PLAN

SCALE: 3/8" = 1'-0"

SEAL
ARCHITECT - TIMOTHY O.K. WILSON
LICENSE NO. 6082



SITE DETAILS

ISSUE DATE:
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SP1.2

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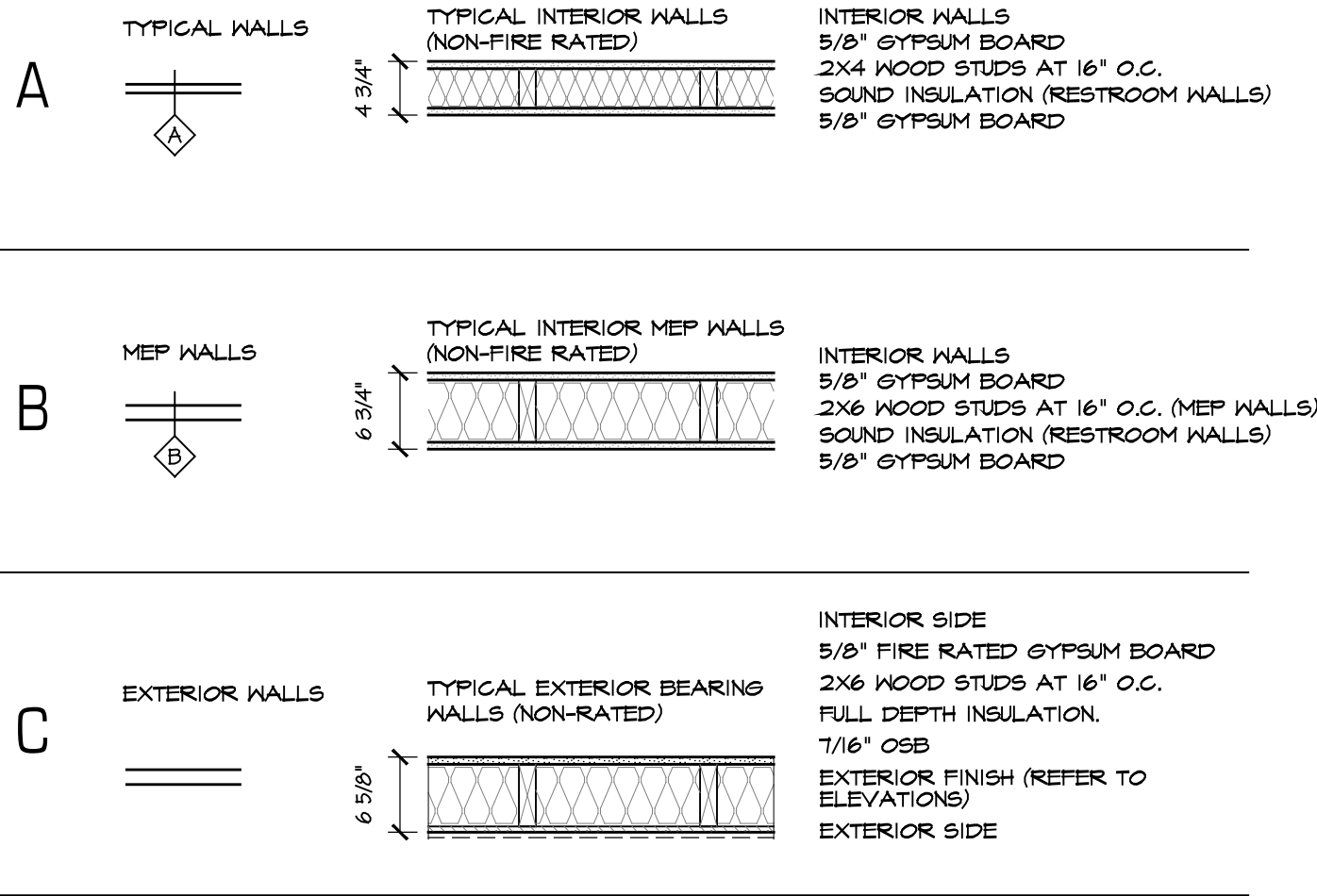
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WALL TYPES

- ALL GYP. BD. TO BE FIRE RATED.
- ALL GYP. BD. TO BE ATTACHED TO WALLS & CEILINGS WITH DRYWALL SCREWS EQUIVALENT LENGTH OF NAIL.
- GYP. BD. CEILINGS TO BE SCREENED TO TRUSS @ 6" O.C.

WALL TYPES



CODE INFORMATION

LOCAL ADOPTED CODES:

BUILDING: IBC 2015 INTERNATIONAL BUILDING CODE
ENERGY: IECC 2015 INTERNATIONAL ENERGY CONSERVATION CODE
MECHANICAL: IMC 2015 INTERNATIONAL MECHANICAL CODE
PLUMBING: IPC 2015 INTERNATIONAL PLUMBING CODE
FIRE: IFG 2015 INTERNATIONAL FIRE CODE
ELECTRICAL: NEC 2015 NATIONAL ELECTRICAL CODE

ZONING: FUD

PARKING: 3 PLUS 1 ACCESSIBLE VAN PARKING PROVIDED (4 TOTAL)

OCCUPANCY CLASSIFICATION: B # A3

BUILDING HEIGHT: 60' ALLOWABLE (IBC TABLE 504.3) 26'-7" ACTUAL

BUILDING AREA: 18,000 SF ALLOWABLE (IBC TABLE 506.2) 1819 ACTUAL

TYPE OF CONSTRUCTION: TYPE VB

THE BUILDING IS NOT SPRINKLERED

BUILDING AREA:

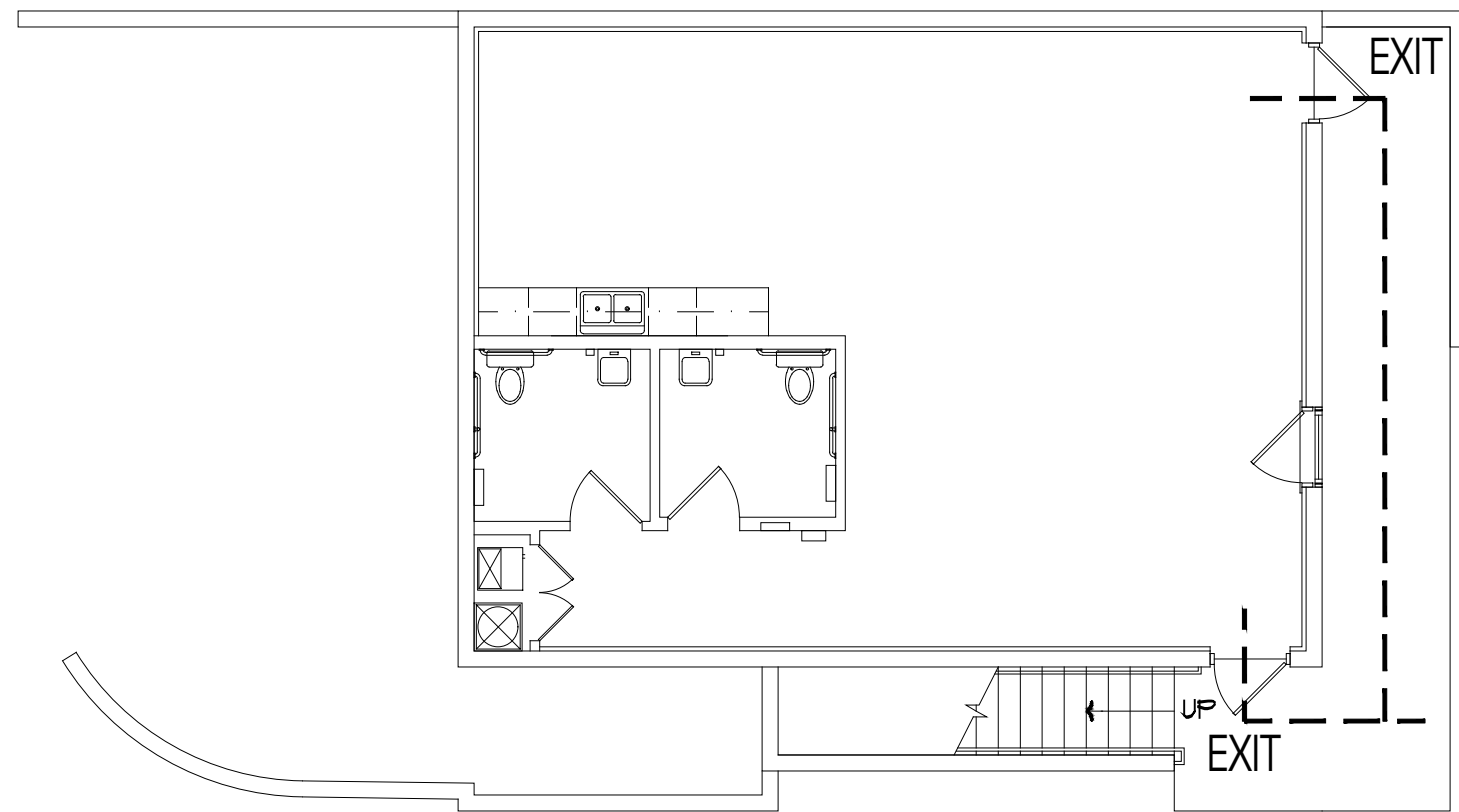
1ST FLOOR - 918 NSF
2ND FLOOR - 901 NSF
= 1819 NSF

OCCUPANT LOAD:

1ST FLOOR - 918 SF / 15(A3) = 60 OCCUPANTS
2ND FLOOR - 901 SF / 100(B) = 9 OCCUPANTS
TOTAL = 69 OCCUPANTS

FIRE RESISTIVE REQUIREMENTS (MINIMUMS) PER IBC TABLE 601

STRUCTURAL FRAME O
EXTERIOR BEARING WALLS O
INTERIOR BEARING WALLS O
INTERIOR NONBEARING WALLS O
ROOF O

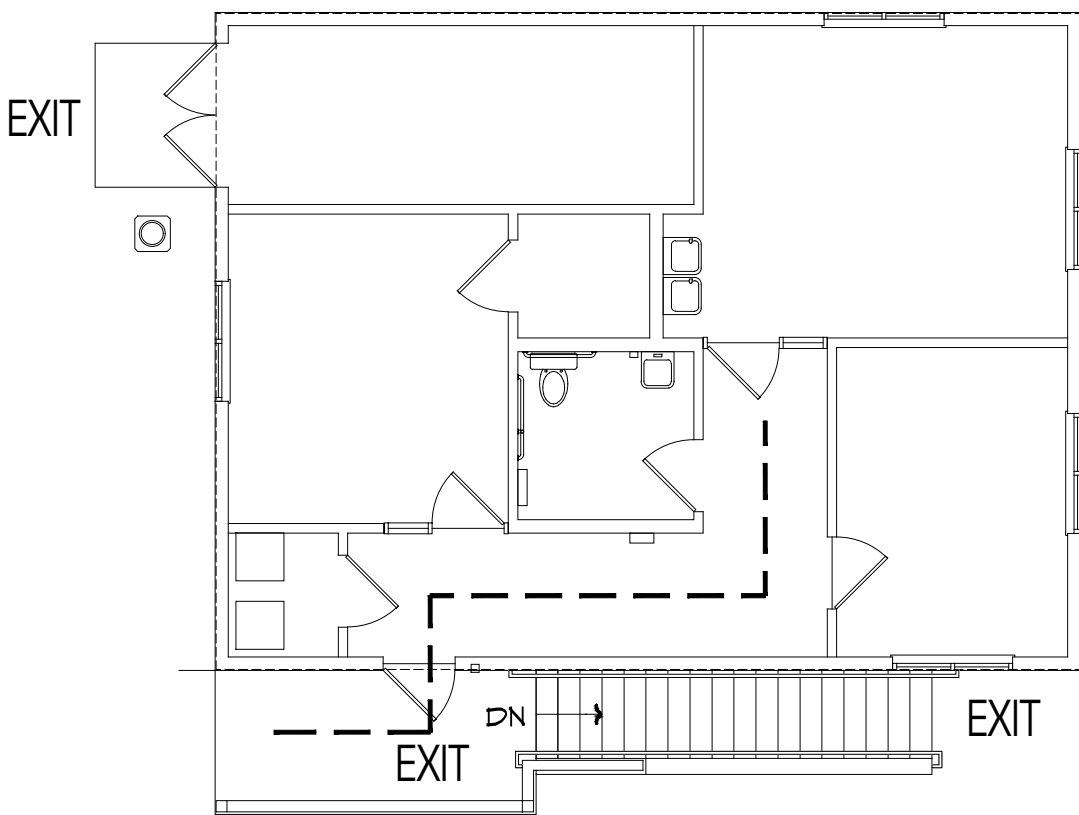
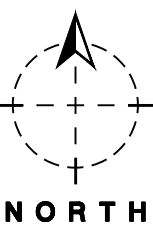


D3

FIRST FLOOR PLAN

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

901 NSF

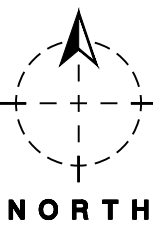


A3

SECOND FLOOR PLAN

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

918 NSF



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ARCHITECTS

EST 1935

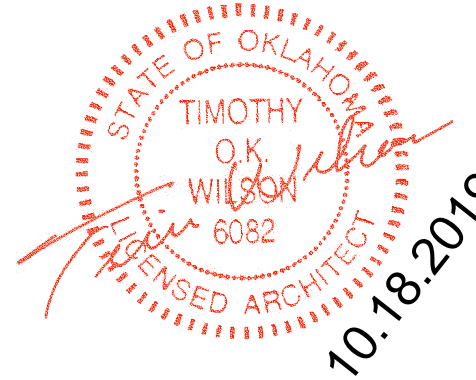
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OFFICE
CODE ANALYSIS

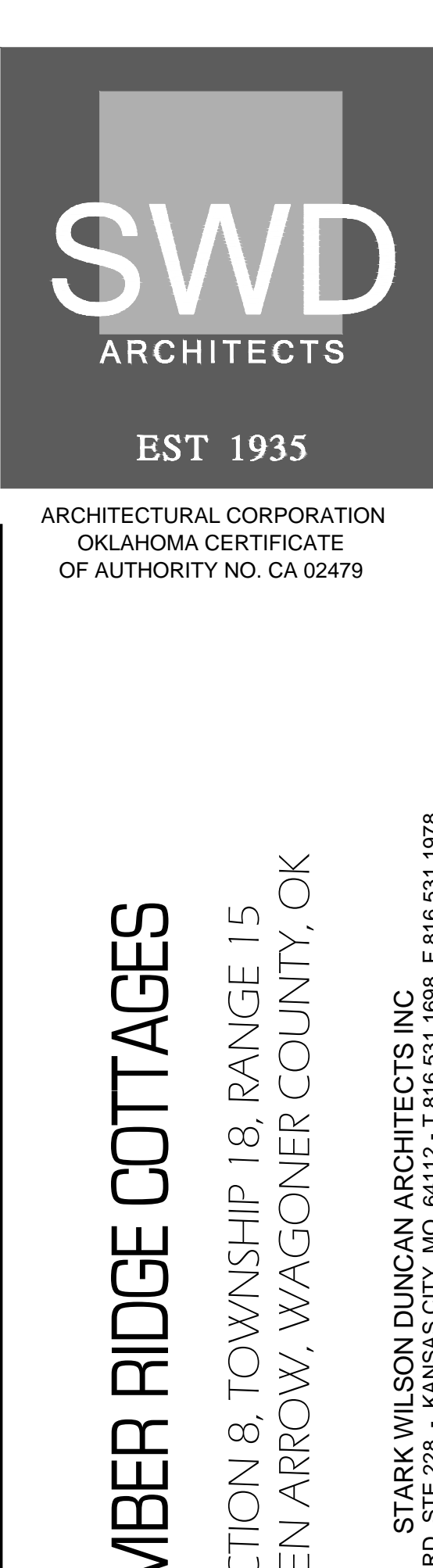
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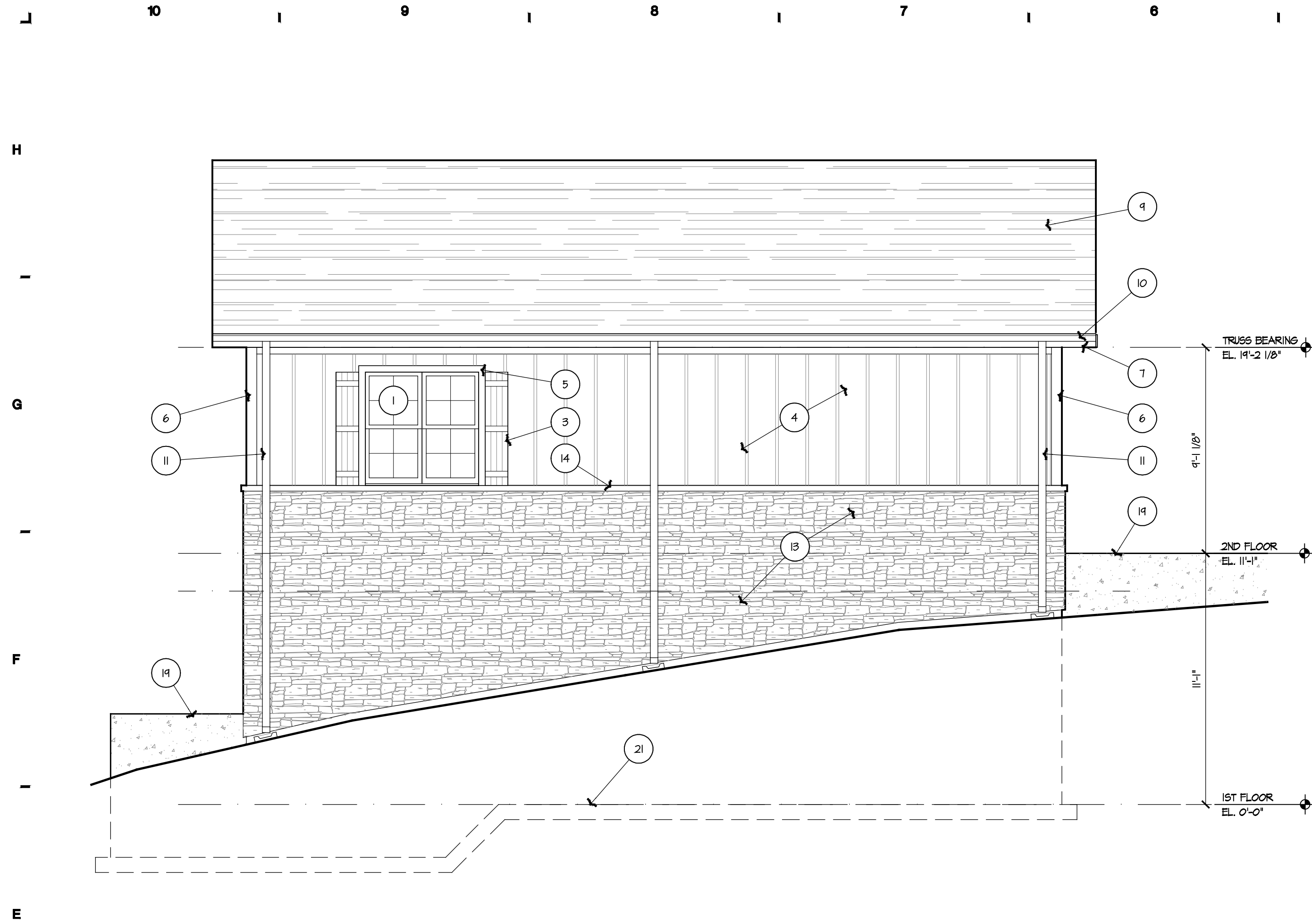
PROJECT NO.: 1902

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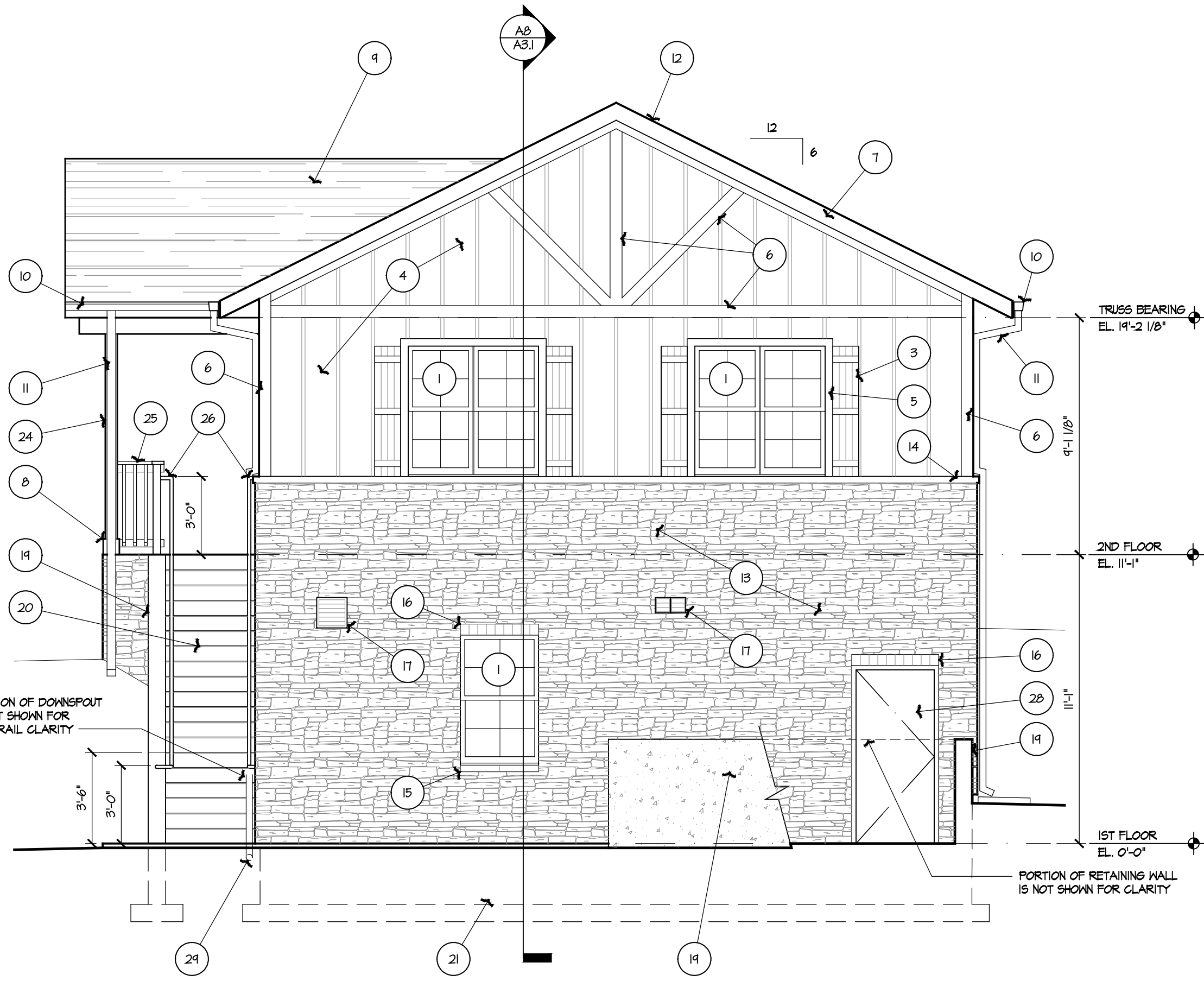
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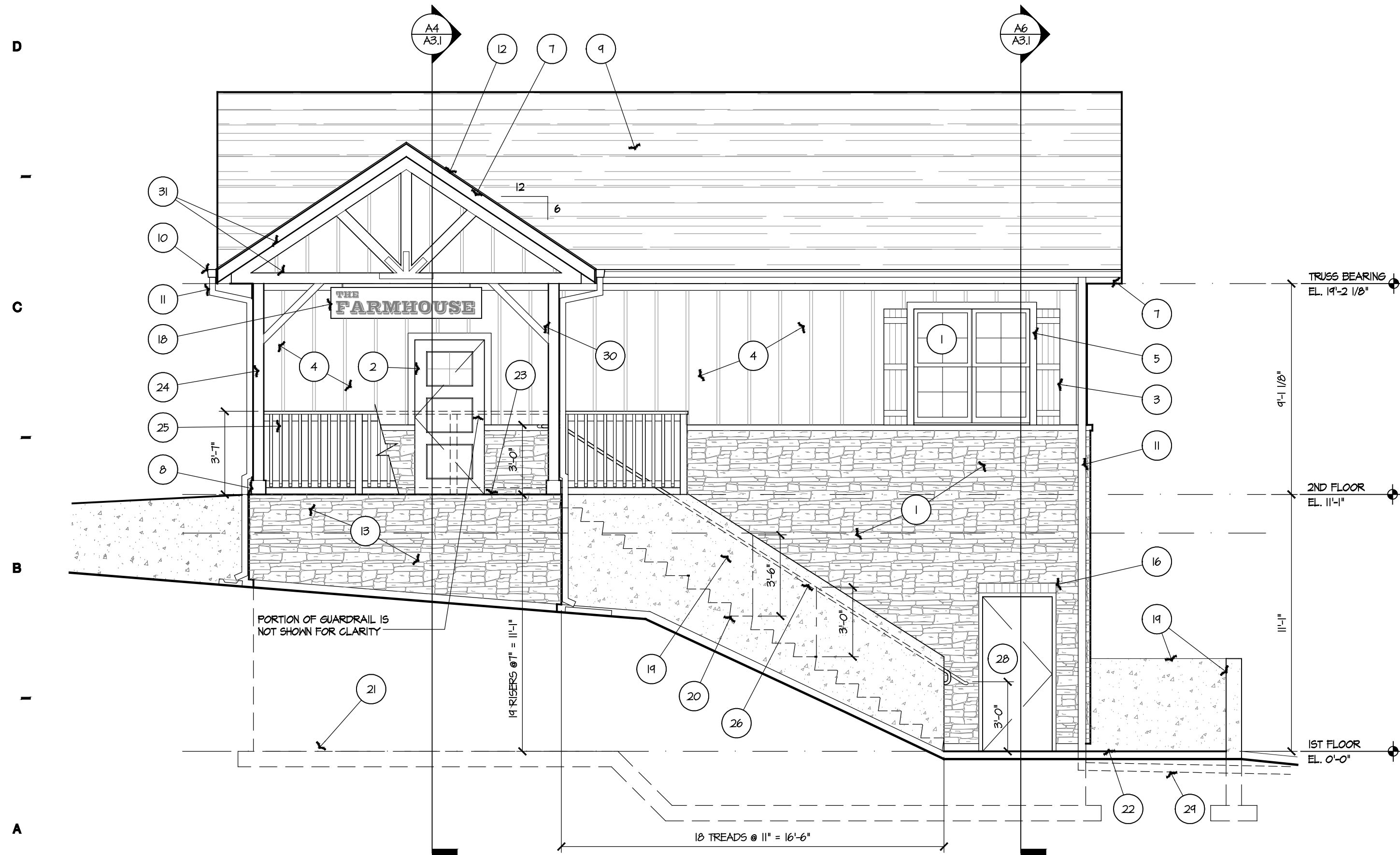
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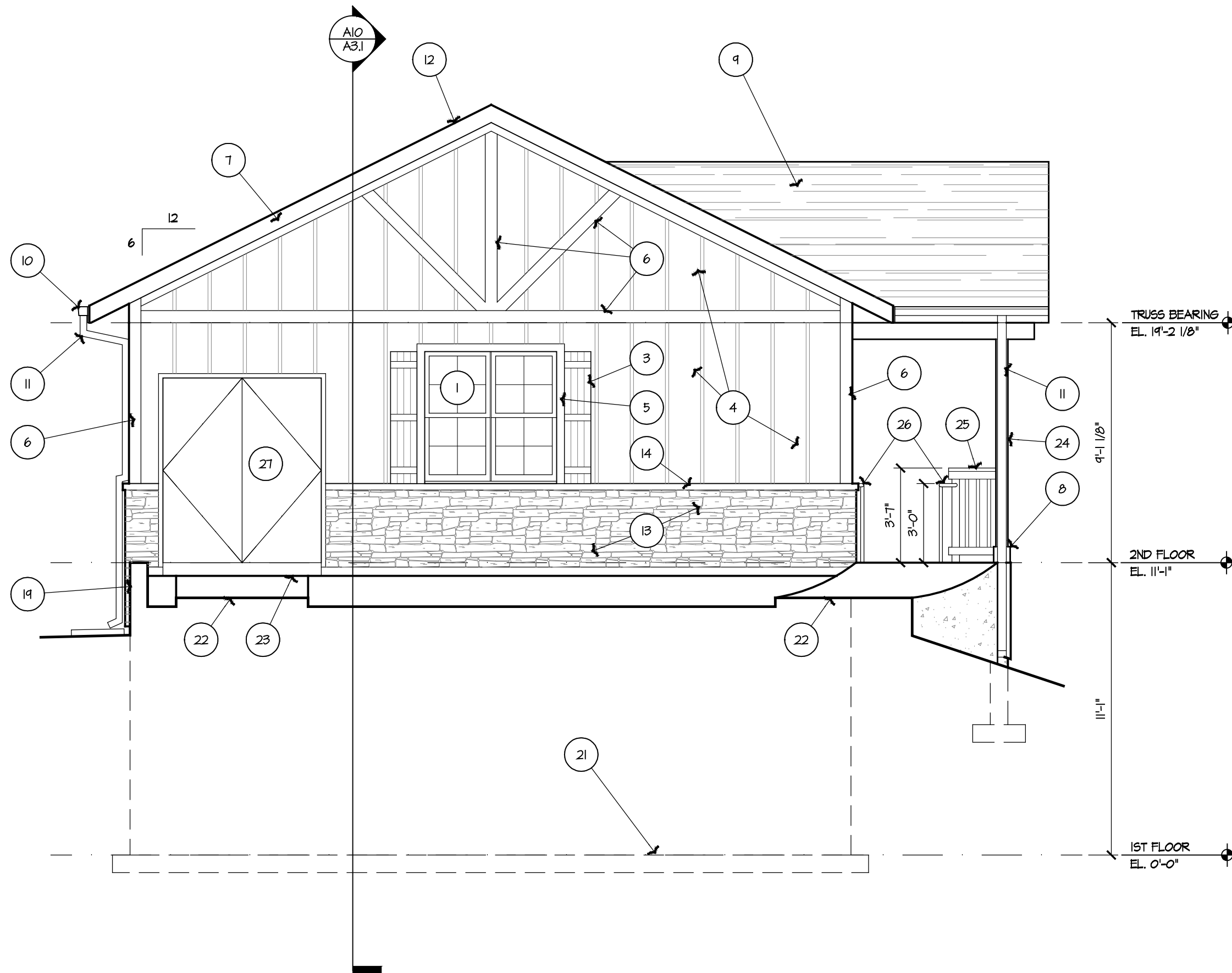
F8 NORTH ELEVATION
SCALE: 1/4" = 1'-0"



F3 EAST ELEVATION
SCALE: 1/4" = 1'-0"



A8 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



A3 WEST ELEVATION
SCALE: 1/4" = 1'-0"

KEY NOTES

1. VINYL WINDOW PER SCHEDULE, QUAKER MANCHESTER SERIES BASIS OF DESIGN, INTEGRAL WHITE COLOR, 025513
2. ENTRY DOOR W/ LITES, PAINT, RE: DOOR SCHEDULE
3. INTEGRAL COLOR VINYL SHUTTERS, BOARD 1 BATTEN STYLE, COLOR TO BE SELECTED FROM MFR'S FULL RANGE
4. CEMENT FIBER VERTICAL SIDING W/ BATTENS AT 16" O.C. CENTER BATTENS ON GABLES WHERE SHOWN, SMOOTH PANEL TEXTURE & WOOD GRAIN BATTEN TEXTURE, COLOR AS INDICATED, 074646
5. 3 1/2" CEMENT FIBER BOARD WINDOW TRIM, WOOD GRAIN TEXTURE, PAINT, FLASH PER MFR'S RECOMMENDATIONS, 074646
6. 5 1/2" CEMENT FIBER BOARD TRIM, WOOD GRAIN TEXTURE, PAINT, 074646
7. 1 1/4" CEMENT FIBER FASCIA, WOOD GRAIN TEXTURE, PAINT, 074646
8. COMPOSITE WOOD FASCIA TO BE USED AS COLUMN BASE TRIM, 068555
9. ARCHITECTURAL ASPHALT SHINGLE ROOFING SYSTEM, COLOR TO BE "CHARCOAL," RE: ROOF PLAN, 073113
10. PRE-FINISHED 6" COMMERCIAL METAL GUTTER, 076200
11. PRE-FINISHED METAL DOWNSPOUT, TERMINATE AT GRADE, PROVIDE CONCRETE SPLASH BLOCK, 076200
12. PRE-FINISHED SHEET METAL ROOF Drip EDGE FLASHING, COLOR TO MATCH ROOFING, 076200
13. MANUFACTURED STONE VENEER, 042113
14. MANUFACTURED STONE WATER TABLE SILL CAP, ALIGN GAP W/ WINDOW SILL OR FLOOR LINE AS SHOWN ON ELEVATION, 042113
15. MANUFACTURED STONE WINDOW SILL, 042113
16. MANUFACTURED STONE ROWLOCK HEADER, 042113
17. MECHANICAL THROUGH WALL VENT, COLOR TO BE WHITE, PROVIDE FIBER CEMENT "TRIM BLOCK," RE: MEP
18. BUILDING SIGNAGE, FONT TO BE SELECTED BY OWNER, 010400
19. CONCRETE RETAINING WALL, RE: STRUCTURAL
20. CONCRETE STAIR ON GRADE, RE: STRUCTURAL
21. CONCRETE FOUNDATION WALL SHOWN AS DASHED, TYP. RE: STRUCTURAL
22. CONCRETE SIDEWALK, SIDEWALK TO HAVE 1:40 MAX. SLOPE AWAY FROM FOUNDATION WALL, RE: CIVIL
23. CONCRETE PORCH, PORCH TO HAVE 1:40 MAX. SLOPE AWAY FROM FOUNDATION WALL, RE: STRUCTURAL
24. TREATED TIMBER COLUMN, KDAT, STAIN, RE: STRUCTURAL
25. TREATED WOOD GUARDRAIL, 42" TALL MIN. KDAT, 2X6 TOP RAIL W/ 1X4 PICKETS @ 4" O.C., 2X4 BOTTOM RAIL @ 3 3/4" ABOVE CONCRETE, 4X4 POSTS MAX. 4' O.C., STAIN
26. 1 1/2" DIA. CONTINUOUS STEEL HANDRAIL, MOUNT 2" OFF WALL, EXTEND 1/2" PAST TOP & BOTTOM RISER, TOP OF HANDRAIL TO BE 36" ABOVE STAIR NOSING & LANDINGS, RETURN HANDRAIL TO WALL / GUARDRAIL, PAINT
27. HOLLOW METAL DOORS, PAINT, RE: DOOR SCHEDULE
28. STORM SHELTER DOOR, PAINT, RE: DOOR SCHEDULE
29. PROVIDE 12"X12" DRAIN BOX INSTALLED AT GRADE FOR DOWNSPOUT, CONNECT DRAIN BOX TO BURIED SCHEDULE 40 SMOOTH WALL P.V.C. DRAIN PIPE, RUNNING UNDERNEATH SIDEWALK, SLOPE PIPE FOR POSITIVE DRAINAGE TO A MIN. OF 2 FT. AWAY FROM BUILDING, DAYLIGHT IF POSSIBLE, IF NOT PROVIDE POP-UP STYLE TERMINATION
30. TREATED TIMBER BRACE, KDAT, STAIN TO MATCH COMPOSITE TRIM, RE: STRUCTURAL
31. TREATED TIMBER FRAMING, KDAT, STAIN TO MATCH COMPOSITE TRIM, RE: STRUCTURAL

ELEV. GENERAL NOTES

- A. INSTALL COMPLETE SIDING SYSTEM ON SHEATHING, SIDING SYSTEM MANUFACTURED BY JAMES HARDIE BUILDING PRODUCTS, INSTALL SIDING, TRIM, CAULK & FLASHING PER MANUFACTURER'S INSTRUCTIONS, FINISH AS INDICATED UNDER "EXTERIOR FINISHES," ALL DETAILS SHALL BE AS READ BY THE MANUFACTURER
- B. CAULK ALL WINDOW FRAMES, DOOR FRAMES, DOOR SILLS, TRIM & EXTERIOR WALL PENETRATIONS AS REQUIRED FOR WATERPROOF PERFORMANCE, COLOR TO MATCH ADJACENT TRIM / WALL SURFACE COLOR, USE CAULK TYPE RECOMMENDED BY MANUFACTURER FOR SPECIFIC JOINT MATERIAL & CONDITION
- C. ALL COLOR SELECTIONS BY ARCHITECT FROM MANUFACTURER'S FULL RANGE
- D. ALL OPERABLE WINDOWS AT DWELLING UNITS ABOVE THE FIRST FLOOR TO HAVE OPENING CONTROL DEVICES

EXTERIOR FINISHES

- | | |
|--|---|
| | A. ARCHITECTURAL TAB SHINGLE, 6AF TIMBERLINE NATURAL SHADOW BASIS OF DESIGN, COLOR: "CHARCOAL" |
| | B. MANUFACTURED STONE VENEER, DUTCH QUALITY STONE BASIS OF DESIGN, COLOR: "LEDGESTONE GRAY GREY" |
| | C. CEMENT FIBER VERTICAL SIDING W/ BATTEN BOARDS AT 16" O.C., JAMES HARDIE, PANEL TEXTURE, SMOOTH, BATTEN BOARD TEXTURE, RUSTIC GRAIN COLOR, ARCTIC WHITE FOR PREFINISHED OR EXT-PI (TBD) FOR PAINT |



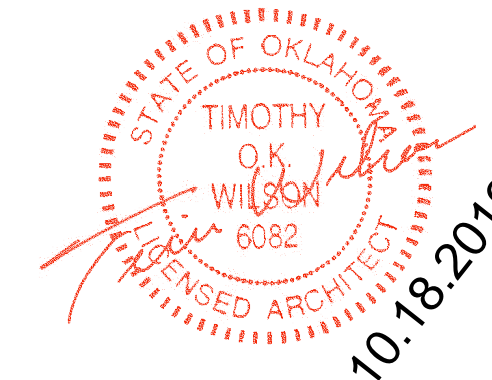
ARCHITECTURAL CORPORATION
OKLAHOMA CERTIFICATE
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SEAL
ARCHITECT - TIMOTHY O.K. WILSON
LICENSE NO. 6082



OFFICE
BUILDING ELEVATIONS

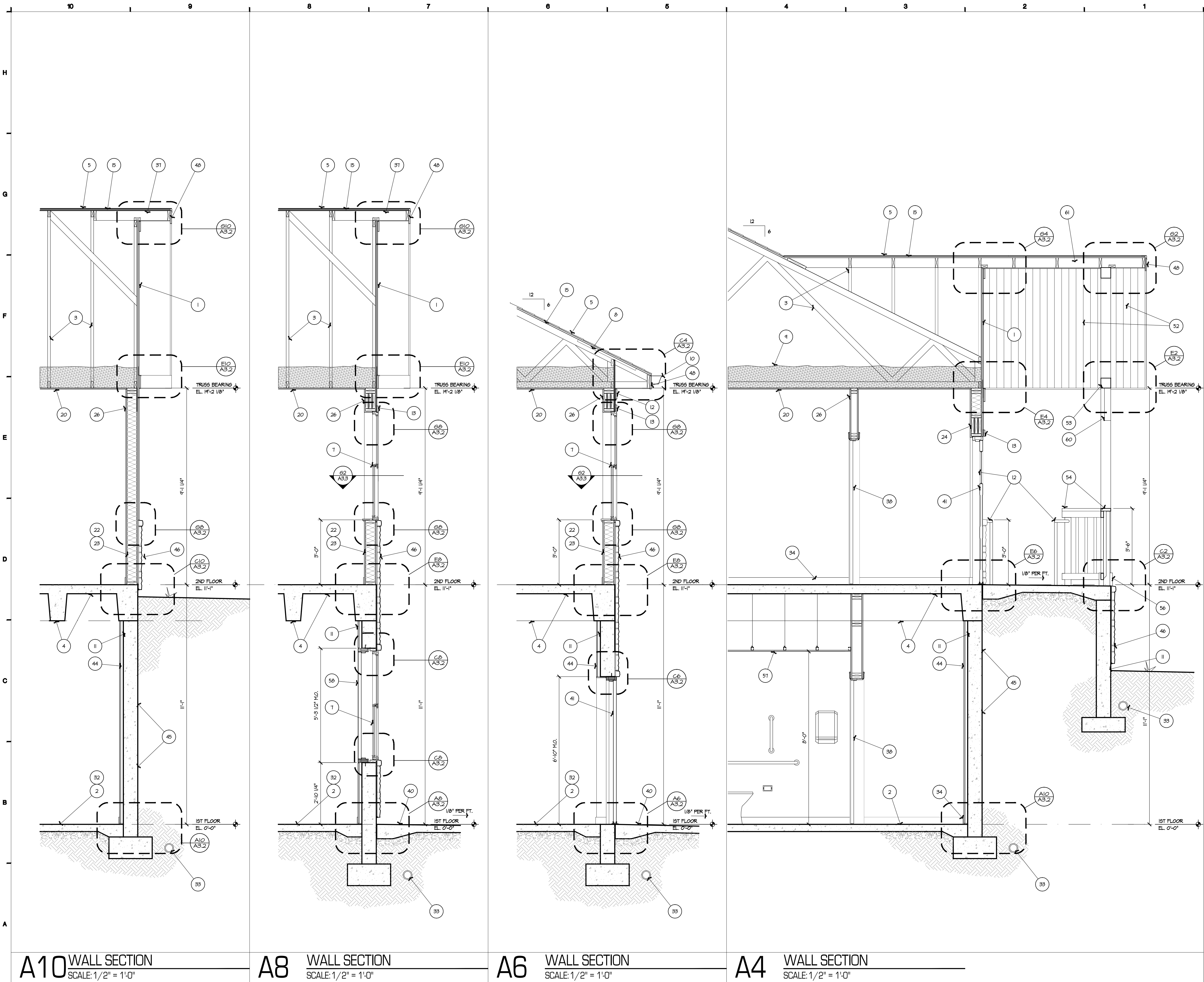
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KEYNOTES

- CEMENT FIBER VERTICAL SIDING W/ 1 1/2" BATTENS AT 16" O.C. CENTER BATTENS ON GABLES WHERE SHOWN. SMOOTH PANEL TEXTURE & WOOD GRAIN BATTEN TEXTURE. INSTALL ON APPROVED BUILDING WRAP. CAULK ALL VERTICAL JOINTS. PAINT. 074646
- CONCRETE FOOTING AND SLAB ON GRADE. RE: STRUCTURAL.
- WOOD TRUSS. RE: STRUCTURAL.
- CONCRETE PAN JOIST & DECK CONSTRUCTION. RE: STRUCTURAL.
- ASPHALT SHINGLE ROOFING SYSTEM. 075113.
- WOOD BASE PER FINISH SCHEDULE. PAINT. TYPICAL.
- VINYL WINDOW PER SCHEDULE. QUAKER MANCHESTER SERIES BASIS OF DESIGN. INTEGRAL WHITE COLOR. 085313.
- RAFTER Baffle @ EACH TRUSS BAY. 072100.
- R-40 BLOWN IN INSULATION. 072100.
- PREFINISHED ALUMINUM GUTTER (4" K-STYLE) & DOWNSPOUT (2X3). INCLUDE VALLEY CORNER SPLASH GUARDS AND CONCRETE SPLASH BLOCKS. 076200.
- CONCRETE FOUNDATION WALL. RE: STRUCTURAL.
- JAMES HARDIE BOARD 3/4" X 5 1/2" TRIM BOARD CEDARMILL FINISH. COLOR BY ARCHITECT.
- JAMES HARDIE BOARD 3/4" X 5 1/2" TRIM BOARD CEDARMILL FINISH. COLOR BY ARCHITECT.
- PREFINISHED SHEETMETAL DRIP EDGE FLASHING. COLOR BY ARCHITECT. 076200.
- 1/2" ROOF SHEATHING. RE: STRUCTURAL.
- EXTERIOR PLYWOOD WALL SHEATHING WITH BUILDING WRAP. RE: STRUCTURAL. 072500.
- FIBER CEMENT SOFFIT PANELS. COLOR BY ARCHITECT. 074600.
- FIBER CEMENT VENTED SOFFIT PANELS BELOW W/ 5/8" IN. 1/4" SMOOTH TEXTURE. PLACE VENTED SECTION OF PANEL TOWARD THE OUTSIDE OF THE BAY. COLOR SELECTED BY ARCHITECT. 074600.
- CAULK. PROVIDE REQUIRED GAP PER SIDING MANUFACTURER.
- 5/8" GYP. BD. ON CEILING. PAINT.
- PREFINISHED SHEETMETAL 1/2" FLASHING. EMBED FLASHING IN A BED OF CAULK PRIOR TO INSTALLATION.
- 2 X 6 WOOD STUDS @ 16" O.C. RE: STRUCTURAL.
- R 14 KRAFT FACED BATT INSULATION. 072100.
- 2 X 4 WOOD HEADER. RE: STRUCTURAL.
- 2 X 4 WOOD STUD @ 16" O.C.
- 5/8" GYP. BD. PAINT.
- CAULK. CONTINUOUS.
- 2 X 6 TREATED BOTTOM PLATE W/ FOAM SILL SEALER AND ANCHOR BOLT. RE: STRUCTURAL.
- THRU WALL SHEET METAL FLASHING CONT. UP 6" HIGH OVER EXTERIOR SHEATHING W/ KEEP CORDS @ 24" O.C. AT WINDOW SILL. RE: WINDOW FLASHING SEQUENCE. 06/A3.2 FOR FLASHING REQUIREMENTS.
- 3" X 3" PREFINISHED SHEET METAL FLASHING OVER CAST STONE. EMBED IN A BED OF CAULK.
- 1/2" X WOOD SILL W/ 1/2" X 2 1/2" SKIRT.
- FLOOR FINISH. RE: FINISH SCHEDULE.
- 4" DIA. PERFORATED PERIMETER FOUNDATION DRAIN PIPE WRAPPED IN FILTER FABRIC & GRAVEL DRAINAGE BED.
- BASE PER FINISH SCHEDULE.
- JAMES HARDIE STARTER STRIP. 074600.
- 1/4" GAP DO NOT CAULK.
- 2 X 6 OUTRIGGERS. RE: STRUCTURAL PLANS.
- DOOR FRAME & INTERIOR TRIM. PAINT. RE: DOOR SCHEDULE.
- METAL THRESHOLD. SET IN A BED OF SEALANT.
- CONCRETE PATIO. SLOPE. RE: STRUCTURAL.
- DOOR PER SCHEDULE.
- SET METAL FLASHING IN A BED OF CAULK.
- PREFINISHED ROOF EDGE FLASHING.
- 5/8" GYPSUM BOARD ON 1 1/2" FURRING. PAINT.
- INSTALL COLD FLUID-APPLIED WATERPROOFING PRIOR TO FINISH GRADING. 071416.
- MFG. STONE VENEER. RE: ELEVATIONS FOR TYPE. 044313.16.
- MFG. STONE VENEER WITH SLOPED TOP. 044313.16.
- JAMES HARDIE BOARD 3/4" X 1 1/2" TRIM BOARD CEDARMILL FINISH. COLOR BY ARCHITECT.
- WOOD BLOCKING / NAILER AS REQUIRED.
- DOUBLE STUD AT JAMB LOCATION. TYP.
- SOUND INSULATION AT RESTROOM WALLS.
- FIBER CEMENT BEAD BOARD SOFFIT. PAINT. 074646.
- TREATED TIMBER FRAMING. KDAT. STAIN TO MATCH COMPOSITE DECKING. RE: STRUCTURAL.
- TREATED WOOD GUARDRAIL. 4X4 TALL. KDAT. 2X6 TOP RAIL W/ X1 PICKETS @ 4" O.C. 2X4 BOTTOM RAIL @ 3 3/4" ABOVE CONCRETE. 4X4 POSTS MAX. 4" O.C. STAIN. PAINT.
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- CAULK AT ALL INTERSECTIONS OF TRIM BOARD TO SIDING, SOFFIT PANELS & VINYL WINDOWS, UNLESS SHOWN OTHERWISE. SEE GENERAL NOTE 6.
- INSTALL SIDING, WEATHER BARRIER, FLASHING, TRIM, SEAM TAPING, ETC. PER SIDING MANUFACTURER'S REQUIREMENTS FOR WEATHERPROOF PERFORMANCE. COORDINATE INSTALLATION WITH WINDOW MANUFACTURER'S REQUIREMENTS. REFER TO F4/A3.3 FOR WINDOW FLASHING SEQUENCE.

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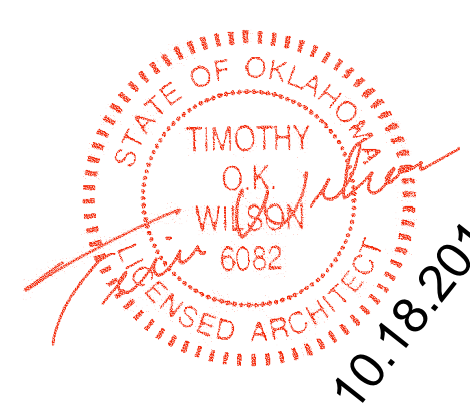
ARCHITECTURAL CORPORATION
OKLAHOMA CERTIFICATE
OF AUTHORITY NO. CA 02479

TIMBER RIDGE COTTAGES

SECTION 8, TOWNSHIP 18, RANGE 15
BROKEN ARROW, WAGONER COUNTY, OK

STARK WILSON DUNCAN ARCHITECTS INC.
315 NICHOLS RD. STE 228 - KANSAS CITY, MO 64112 - 1-816-531-1896 F 816-531-1978

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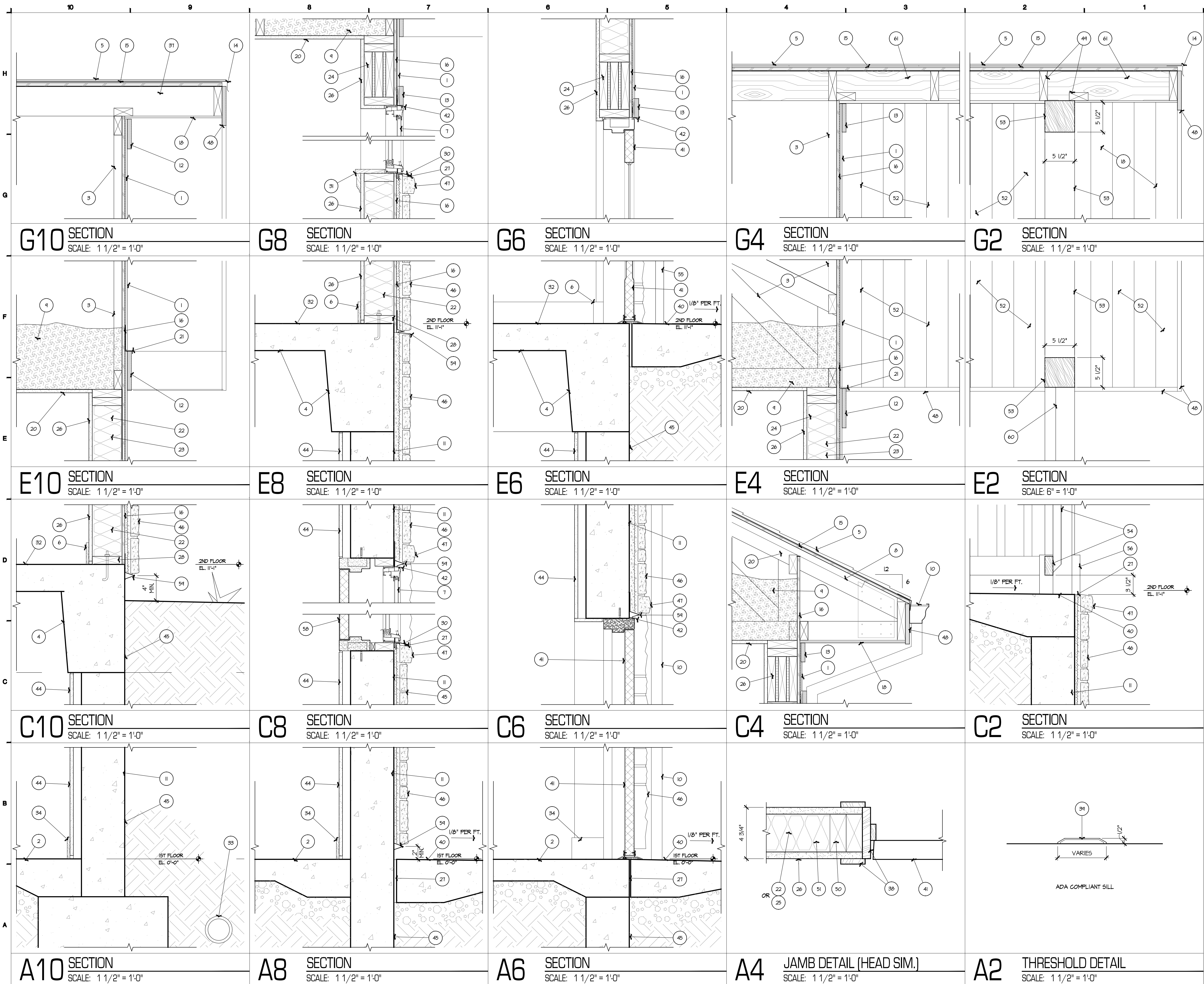
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KEYNOTES

- CEMENT FIBER VERTICAL SIDING W/ 1/2" BATTENS AT 16" O.C. CENTER BATTENS ON GABLES WHERE SHOWN SMOOTH PANEL TEXTURE & WOOD GRAIN BATTEN TEXTURE. INSTALL ON APPROVED BUILDING WRAP. CAULK ALL VERTICAL JOINTS. PAINT. 074646
- CONCRETE FOOTING AND SLAB ON GRADE. RE: STRUCTURAL.
- WOOD TRUSS. RE: STRUCTURAL.
- CONCRETE PAN JOIST & DECK CONSTRUCTION. RE: STRUCTURAL.
- ASPHALT SHINGLE ROOFING SYSTEM. 078113.
- WOOD BASE PER FINISH SCHEDULE. PAINT. TYPICAL.
- VINYL WINDOW PER SCHEDULE. QUAKER MANCHESTER SERIES BASIS OF DESIGN. INTEGRAL WHITE COLOR. 085513.
- RAFTER Baffle @ EACH TRUSS BAY. 072100.
- R-40 BLOWN IN INSULATION. 072100.
- PREFINISHED ALUMINUM GUTTER (4" K-STYLE) & DOWNSPOUT (2X3). INCLUDE VALLEY CORNER SPLASH GUARDS AND CONCRETE SPLASH BLOCKS. 076200.
- CONCRETE FOUNDATION WALL. RE: STRUCTURAL.
- JAMES HARDIE BOARD 3/4" X 5 1/2" TRIM BOARD CEDARMILL FINISH. COLOR BY ARCHITECT.
- JAMES HARDIE BOARD 3/4" X 5 1/2" TRIM BOARD CEDARMILL FINISH. COLOR BY ARCHITECT.
- PREFINISHED SHEETMETAL DRIP EDGE FLASHING. COLOR BY ARCHITECT. 076200.
- 1/4"32" ROOF SHEATHING. RE: STRUCTURAL.
- EXTERIOR PLYWOOD WALL SHEATHING WITH BUILDING WRAP. RE: STRUCTURAL. 072300
- FIBER CEMENT SOFFIT PANELS. COLOR BY ARCHITECT. 074600.
- FIBER CEMENT VENTED SOFFIT PANELS BELOW W/ 5 SQ. IN. / LF. SMOOTH TEXTURE. PLACE VENTED SECTION OF PANEL TOWARD THE OUTSIDE OF THE EAVE. COLOR. SELECTED BY ARCHITECT. 074600.
- CAULK. PROVIDE REQUIRED GAP PER SIDING MANUFACTURER.
- 5/8" GYP. BD. ON CEILING. PAINT.
- PREFINISHED SHEETMETAL "Z" FLASHING. E-BEED FLASHING IN A BED OF CAULK PRIOR TO INSTALLATION.
- 2 X 6 WOOD STUDS @ 16" O.C.. RE: STRUCTURAL.
- R 14 KRAFT FACED BATT INSULATION. 072100.
- 2 X 4 WOOD HEADER. RE: STRUCTURAL.
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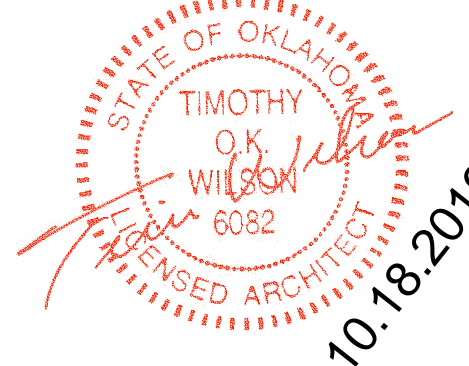
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KEYNOTES

- CEMENT FIBER VERTICAL SIDING W/ 1 1/2" BATTENS AT 16" O.C. CENTER BATTENS ON GABLES WHERE SHOWN. SMOOTH PANEL TEXTURE & WOOD GRAIN BATTEN TEXTURE. INSTALL ON APPROVED BUILDING WRAP. CAULK ALL VERTICAL JOINTS. PAINT. 074646.
- CONCRETE FOOTING AND SLAB ON GRADE. RE: STRUCTURAL.
- WOOD TRUSS. RE: STRUCTURAL.
- CONCRETE PAN JOIST & DECK CONSTRUCTION. RE: STRUCTURAL.
- ASPHALT SHINGLE ROOFING SYSTEM. 075113.
- WOOD BASE PER FINISH SCHEDULE. PAINT. TYPICAL.
- VINYL WINDOW PER SCHEDULE. QUAKER MANCHESTER SERIES BASIS OF DESIGN. INTEGRAL WHITE COLOR. 085513.
- RAFTER Baffle @ EACH TRUSS BAY. 072100.
- R-40 BLOWN IN INSULATION. 072100.
- PREFINISHED ALUMINUM GUTTER (4" K-STYLE) & DOWNSPOUT (2X8). INCLUDE VALLEY CORNER SPLASH GUARDS AND CONCRETE SPLASH BLOCKS. 076200.
- CONCRETE FOUNDATION WALL. RE: STRUCTURAL.
- JAMES HARDIE BOARD 3/4" X 5 1/2" TRIM BOARD CEDARMILL FINISH. COLOR BY ARCHITECT.
- JAMES HARDIE BOARD 3/4" X 3 1/2" TRIM BOARD CEDARMILL FINISH. COLOR BY ARCHITECT.
- PREFINISHED SHEETMETAL DRIP EDGE FLASHING. COLOR BY ARCHITECT. 076200.
- 1/4" GYP. BD. ON CEILING. PAINT.
- EXTERIOR PLYWOOD WALL SHEATHING WITH BUILDING WRAP. RE: STRUCTURAL. 072500.
- FIBER CEMENT SOFFIT PANELS. COLOR BY ARCHITECT. 074600.
- FIBER CEMENT VENTED SOFFIT PANELS BELOW W/ 5 SQ. IN. / LF. SMOOTH TEXTURE. PLACE VENTED SECTION OF PANEL TOWARD THE OUTSIDE OF THE EAVE. COLOR. SELECTED BY ARCHITECT. 074600.
- CAULK. PROVIDE REQUIRED GAP PER SIDING MANUFACTURER.
- 5/8" GYP. BD. ON CEILING. PAINT.
- PREFINISHED SHEETMETAL T FLASHING. EMBED FLASHING IN A BED OF CAULK PRIOR TO INSTALLATION.
- 2 X 6 WOOD STUDS @ 16" O.C. RE: STRUCTURAL.
- R 19 KRAFT FACED BATT INSULATION. 072100.
- 2 X 4 WOOD HEADER. RE: STRUCTURAL.
- 2 X 4 WOOD STUD @ 16" O.C.
- 5/8" GYP. BD. PAINT.
- CAULK. CONTINUOUS.
- 2 X 6 TREATED BOTTOM PLATE W/ FOAM SILL SEALER AND ANCHOR BOLT. RE: STRUCTURAL.
- THRU WALL SHEET METAL FLASHING CONT. UP 6" HIGH OVER EXTERIOR SHEATHING W/ KEEP CORDS @ 24" O.C. AT WINDOW SILL. RE: WINDOW FLASHING SEQUENCE. 06/AS.2 FOR FLASHING REQUIREMENTS.
- 3" X 5" PREFINISHED SHEET METAL FLASHING OVER CAST STONE. EMBED IN A BED OF CAULK.
- 1/2" X WOOD SILL W/ 1/2" X 2 1/2" SKIRT.
- FLOOR FINISH. RE: FINISH SCHEDULE.
- 4" DIA. PERFORATED PERIMETER FOUNDATION DRAIN PIPE W/ RAPED IN FILTER FABRIC & GRAVEL DRAINAGE BED.
- BASE PER FINISH SCHEDULE.
- JAMES HARDIE STARTER STRIP. 074600.
- 1/4" GAP DO NOT CAULK.
- 2 X 6 OUTRIGGERS. RE: STRUCTURAL PLANS.
- DOOR FRAME & INTERIOR TRIM. PAINT. RE: DOOR SCHEDULE.
- METAL THRESHOLD. SET IN A BED OF SEALANT.
- CONCRETE PATIO. SLOPE. RE: STRUCTURAL.
- DOOR PER SCHEDULE.
- SET METAL FLASHING IN A BED OF CAULK.
- PREFINISHED ROOF EDGE FLASHING.
- 5/8" GYPSUM BOARD ON 1 1/2" FURRING. PAINT.
- INSTALL COLD FLUID-APPLIED WATERPROOFING PRIOR TO FINISH GRADING. 071416.
- MFG. STONE VENEER. RE: ELEVATIONS FOR TYPE. 044313.16.
- MFG. STONE VENEER WITH SLOPED TOP. 044313.16.
- JAMES HARDIE BOARD 3/4" X 1 1/2" TRIM BOARD CEDARMILL FINISH. COLOR BY ARCHITECT.
- WOOD BLOCKING / NAILER AS REQUIRED.
- DOUBLE STUD AT JAMB LOCATION. TYP.
- SOUND INSULATION AT RESTROOM WALLS.
- FIBER CEMENT BEAD BOARD SOFFIT. PAINT. 074646.
- TREATED TIMBER FRAMING. KDAT. STAIN TO MATCH COMPOSITE DECKING. RE: STRUCTURAL.
- TREATED WOOD GUARDRAIL. 42" TALL MIN. KDAT. 2X6 TOP RAIL W/ 1X1 PICKETS @ 4" O.C. 2X4 BOTTOM RAIL @ 3 5/4" ABOVE CONCRETE. 4X4 POSTS MAX. 4" O.C. STAIN.
- 1 1/2" DIA. CONTINUOUS STEEL HANDRAIL. MOUNT 2" OFF WALL. EXTEND 1 1/2" PAST TOP & BOTTOM RISER. TOP OF HANDRAIL TO BE 36" ABOVE STAIR NOSING & LANDINGS. RETURN HANDRAIL TO WALL / GUARDRAIL. PAINT.
- COMPOSITE WOOD FASCIA TO BE USED AS COLUMN BASE TRIM. 06552.
- 5/8" GYP. BD. ATTACHED TO DRYWALL SUSPENSION SYSTEM BELOW CONCRETE PAN JOINT & DECK CONSTRUCTION. CEILING HEIGHT @ 8'-0" A.F.F. PAINT.
- H.M. STORM SHUTTER SIZED FOR WINDOW MASONRY OPENING. SHUTTER TO MEET ICC 500 REQUIREMENTS FOR COMMUNITY SHELTERS.
- FOUNDATION KEEP SCREED / TRANSITION. RE: MFR REQUIREMENTS FOR HEIGHT ABOVE GRADE & CONC. WALK.
- TREATED TIMBER BRACE. KDAT. STAIN TO MATCH COMPOSITE DECKING. RE: STRUCTURAL.
- CONTINUOUS 2 X PURLIN. RE: STRUCTURAL.

GENERAL NOTES

- ALL WORK TO MEET ALL APPLICABLE BUILDING, PLUMBING, MECHANICAL, ELECTRICAL, ADA/HANDICAP ACCESSIBILITY & LIFE SAFETY CODES & REQUIREMENTS.
- THE GENERAL CONTRACTOR & ALL SUBCONTRACTORS SHALL THOROUGHLY FAMILIARIZE THEMSELVES TO ALL BUILDING SPECIFIC REQUIREMENTS & EXTENTS OF THE WORK PRIOR TO BIDDING. NO CHANGES IN THE CONTRACT WILL BE CONSIDERED FOR INFORMATION DISCOVERABLE FROM THE DRAWINGS.
- DO NOT SCALE DRAWINGS. FIELD VERIFY ALL EX. CONDITIONS, DIMENSIONS, ELEVATIONS, ETC. PRIOR TO ORDERING, FABRICATION, ETC.
- NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN THE PROJECT DOCUMENTS & EX. CONDITIONS.
- REFERENCE ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL, & PLUMBING PLANS FOR ADDITIONAL INFORMATION.
- CAULK AT ALL INTERSECTIONS OF TRIM BOARD TO SIDING, SOFFIT PANELS & VINYL WINDOWS, UNLESS SHOWN OTHERWISE. SEE GENERAL NOTE G.
- INSTALL SIDING, WEATHER BARRIER, FLASHING, TRIM, SEAM TAPING, ETC. PER SIDING MANUFACTURER'S REQUIREMENTS FOR WEATHERPROOF PERFORMANCE. COORDINATE INSTALLATION WITH WINDOW MANUFACTURER'S REQUIREMENTS. REFER TO F4/AS.3 FOR WINDOW FLASHING SEQUENCE.

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TIMBER RIDGE COTTAGES

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BROKEN ARROW, WAGONER COUNTY, OK

SEAL
ARCHITECT - TIMOTHY O.K. WILSON
LICENSE NO. 6082

STATE OF OKLAHOMA
TIMOTHY O.K. WILSON
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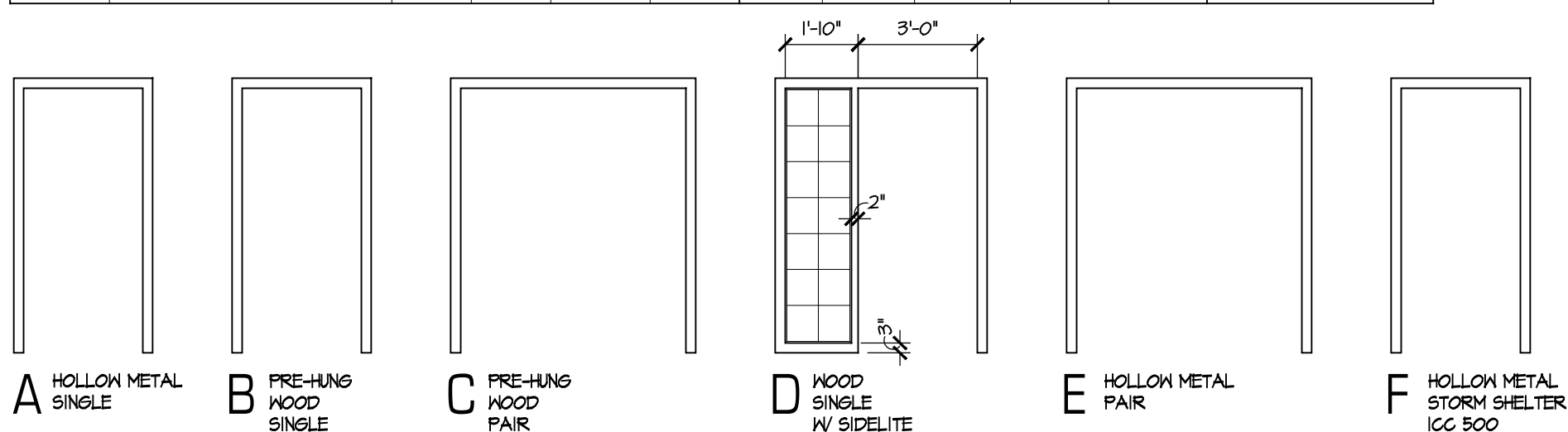
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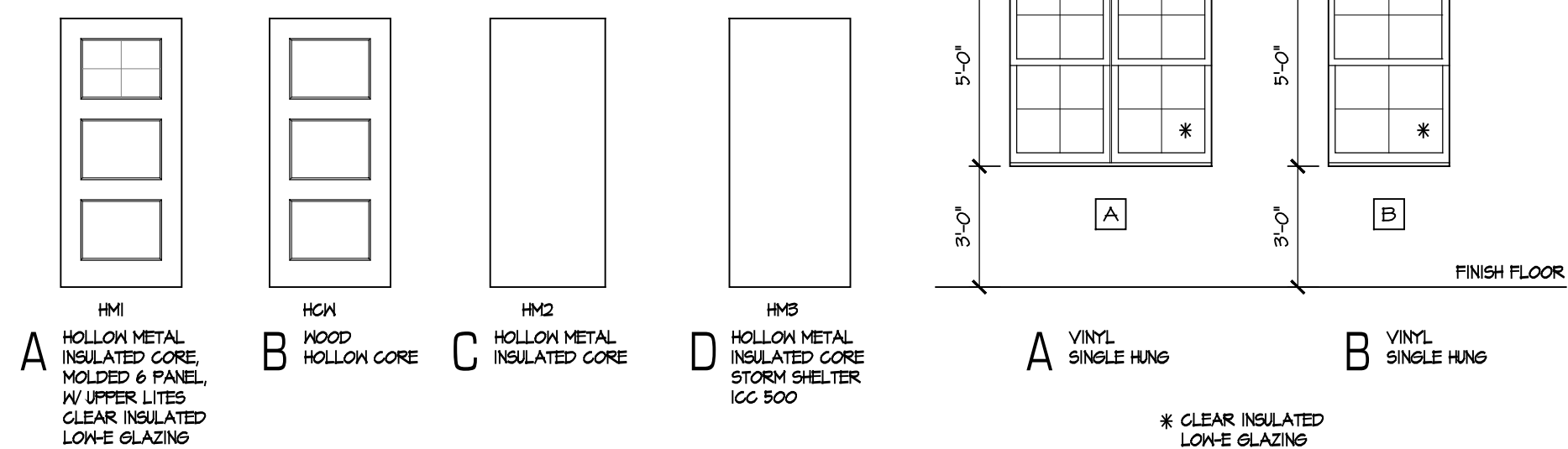
DOOR SCHEDULE

DOOR INFORMATION						FRAME INFORMATION					
NO.	SIZE	MAT. TYPE	DOOR TYPE	UL RATING	HDYR SET	MAT. TYPE	FRAME TYPE	HEAD	JAMB	SILL	REMARKS
101-H	3'-0" X 6'-8" X 1 3/4"	HMB	D	-	F	HM	F	E6/A3.2	E6/A3.2	A6/A3.2	1, 3, 5, 6
101-2	3'-0" X 6'-8" X 1 3/4"	HMB	D	-	F	HM	F	E6/A3.2	E6/A3.2	A6/A3.2	1, 3, 5, 6
101-3	2'-0" X 6'-8" X 1 3/8" PAIR	HGM	B	-	D	HD	C	A4/A3.2	A4/A3.2	-	1
102-1	3'-0" X 6'-8" X 1 3/8"	HGM	B	-	C	HD	B	A4/A3.2	A4/A3.2	-	1
103-1	3'-0" X 6'-8" X 1 3/8"	HGM	B	-	C	HD	B	A4/A3.2	A4/A3.2	-	1
201-H	3'-0" X 6'-8" X 1 3/8"	HGM	B	-	B	HD	B	A4/A3.2	A4/A3.2	-	1
202-1	3'-0" X 6'-8" X 1 3/4"	HMI	A	-	A	HM	A	G6/A3.2	G6/A3.2	A6/A3.2	1, 3, 5
203-H	3'-0" X 6'-8" X 1 3/8"	HGM	B	-	B	HD	B	A4/A3.2	A4/A3.2	-	1
204-H	3'-0" X 6'-8" X 1 3/8"	HGM	B	-	C	HD	B	A4/A3.2	A4/A3.2	-	1
205-H	3'-0" X 6'-8" X 1 3/8"	HGM	B	-	B	HD	D	A4/A3.2	A4/A3.2	-	1
206-H	3'-0" X 6'-8" X 1 3/8"	HGM	B	-	B	HD	B	A4/A3.2	A4/A3.2	-	1
207-H	3'-0" X 6'-8" X 1 3/4" PAIR	HM2	A	-	E	HM	E	G6/A3.2	G6/A3.2	A6/A3.2	1, 3, 5
208-H	3'-0" X 6'-8" X 1 3/8"	HGM	B	-	B	HD	D	A4/A3.2	A4/A3.2	-	1



F10 FRAME TYPES

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



E10 DOOR TYPES

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

E10 WINDOW TYPES

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

DOOR REMARKS

- PAINT DOOR, FRAME, & TRIM
- USE 3" SCREWS TO INSTALL DOOR, HINGES & JAMB BRACE & STRIKE PLATE
- INCLUDE 2" FLASHING AT DOOR HEAD TRIM, PREFINISHED SHEETMETAL, COLOR WHITE
- INSULATED DOOR ENERGY STAR RATED, 0.32 U-VALUE MAX.
- INSULATED DOOR ENERGY STAR RATED, 32 U-VALUE MAX, 0.30 SHGC.
- INSTALL IIC-500 2014 & FEMA P-361 COMPLIANT COMMERCIAL STORM SHELTER DOOR & FRAME ASSEMBLY WITHIN CONCRETE OPENING PER MANUFACTURER'S TESTED & APPROVED LISTING, INCLUDE ASSOCIATED HARDWARE.

GENERAL DOOR NOTES

- ALL EXTERIOR UNIT ENTRY HARDWARE TO COMMERCIAL GRADE UNO. RESIDENTIAL BE GRADE HARDWARE IS ACCEPTABLE WITHIN INTERIOR.
- ENTRY DOOR NON-TURNING HANDLESETS TO BE SCHLAGE CENTURY STYLE W/ BOVERY KNOB, OR APPROVED EQUAL, UNO. ALL INTERIOR LOCKSETS TO BE SCHLAGE PLYMOUTH STYLE W/ 'BOVERY' KNOB, OR APPROVED EQUAL, UNO.
- ALL HARDWARE FINISHES TO BE US35 (64H) SATIN NICKEL, OR COMPARABLE FINISH, UNO.
- KEY ALL EXTERIOR & GARAGE DOORS SAME.
- FIELD VERIFY ALL DOORS PRIOR TO ORDERING & FABRICATION.
- WOOD TRIM AT INTERIOR DOORS SHALL BE 3/4"x8" (ACTUAL) MDF.
- WITHIN THE INTERIOR, UTILIZE BASE STOPS TO FULLEST EXTENT, PRACTICAL, USING HINGE STOPS (1 HIGH & LOW) ONLY WHERE BASE STOPS ARE NOT 1 APPLICABLE.

HARDWARE SETS

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

- 3 (4) HINGES
1 HANDLESET
1 CLOSER
1 DEAD BOLT
1 ALUMINUM ADA THRESHOLD
1 DOOR SWEEP W/ DRIP CAP
1 WEATHERSTRIPPING PACKAGE
- 5 HINGES
1 LOCKSET
1 DOOR STOP
1 PRIVACY SET
1 DOOR STOP
- 5 HINGES EACH DOOR
1 STORM SHELTER LOCKSET
1 SET FLUSH BOLTS ON INACTIVE LEAF
1 DOOR STOP EACH DOOR
- 5 HINGES EACH DOOR
1 STORM SHELTER LOCKSET
1 SET FLUSH BOLTS ON INACTIVE LEAF
1 DOOR STOP EACH DOOR

ROOM SCHEDULE

ROOM	ROOM NAME	FLOOR FINISH	BASE			WALLS			CEILING		REMARKS
			N	E	S	N	E	S	FINISH	HEIGHT	
101	COMM. RM / SHELTER	VPP	BI	BI	BI	BI	PI	PI	CGBI	RE: RCP	
102	RESTROOM	VPP	RB	RB	RB	RB	PI	PI	CGBI	RE: RCP	
103	RESTROOM	VPP	RB	RB	RB	RB	PI	PI	CGBI	RE: RCP	
201	STORAGE	VPP	RB	RB	RB	RB	PI	PI	CGBI	RE: RCP	
202	HALLWAY	VPP	BI	BI	BI	BI	PI	PI	CGBI	RE: RCP	
203	LIBRARY/COMPUTER	CT	BI	BI	BI	BI	PI	PI	CGBI	RE: RCP	
204	RESTROOM	VPP	RB	RB	RB	RB	PI	PI	CGBI	RE: RCP	
205	OFFICE	CT	BI	BI	BI	BI	PI	PI	CGBI	RE: RCP	
206	RECORD STORAGE	CT	RB	RB	RB	RB	PI	PI	CGBI	RE: RCP	
207	FITNESS	CT	RB	RB	RB	RB	PI	PI	CGBI	RE: RCP	
208	MAINTENANCE	CONC.	RB	RB	RB	RB	PI	PI	CGBI	RE: RCP	

MATERIAL SCHEDULE

KEY	MATERIAL	MANUFACTURER	PATTERN NO./COLOR	REMARKS	RE. SPEC. SECTION
FLOORING					
VPP	VINYL PLANK FLOORING	PATGRAFT	TIMBER GROVE / TED		046516
CT	CARPET TILE	PATGRAFT	EASY ON EYES, COLOR: TED		
BASE					
MB	WOOD BASE	PMD	1/2" X 4" WITH 3/4" QUARTER ROUND SHOE	PAINT P4	
RB	4" RUBBER COVE BASE	ROPPE	TO BE DETERMINED		
WALLS					
P1	PAINT - WALLS	SHERWIN WILLIAMS	TO BE DETERMINED		044123
P2	PAINT - TRIM AND DOORS	SHERWIN WILLIAMS	TO BE DETERMINED		044123
P3	PAINT - CEILINGS	SHERWIN WILLIAMS	TO BE DETERMINED		044123
P4	PAINT - ACCENT PAINT	SHERWIN WILLIAMS	TO BE DETERMINED		044123
CEILINGS					
CGBI	CEILING - GYPSUM BOARD PAINT		PAINT P3		
CASEWORK					
HC1	CABINETS	GRANDVIEW INDUST.	OAKDALE / FINISH TO BE DETERMINED	1	123930
PLC1	PLASTIC LAMINATE COUNTERTOPS	FORMICA OR EQUIVALENT	TO BE DETERMINED	2, 3	123623.13

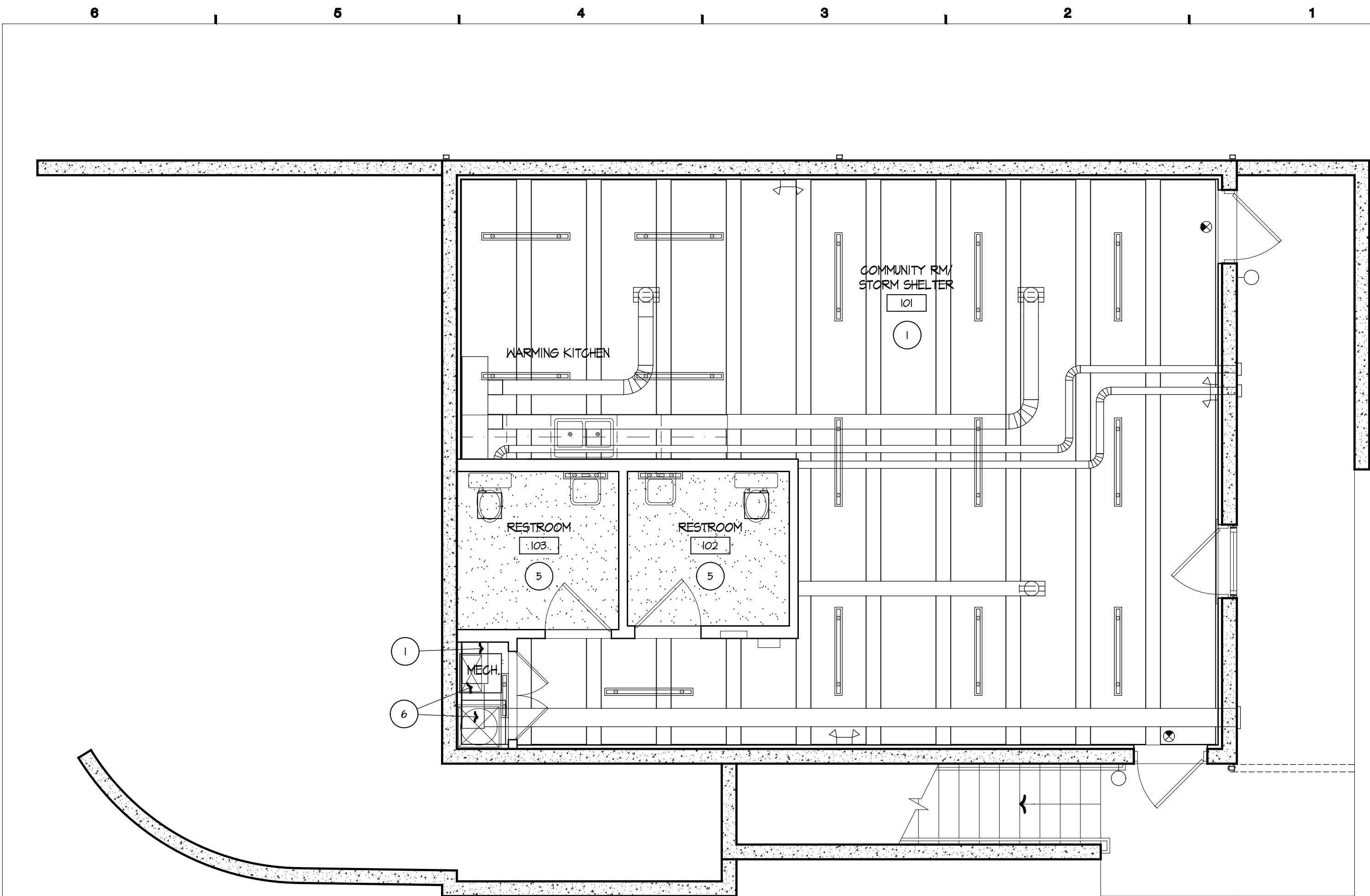
REMARKS -

MATERIAL SCHEDULE / ROOM FINISH SCHEDULE

- CABINET PULLS - AMEROCK CORP, STYLE EP524561010 OR APPROVED EQUAL.
- POST FORMED EDGE. CAULK JOINTS W/ CLEAR SEALANT.
- INCLUDE 4" MATCHING BACKSPLASH & SIDESPLASH AT WALLS.

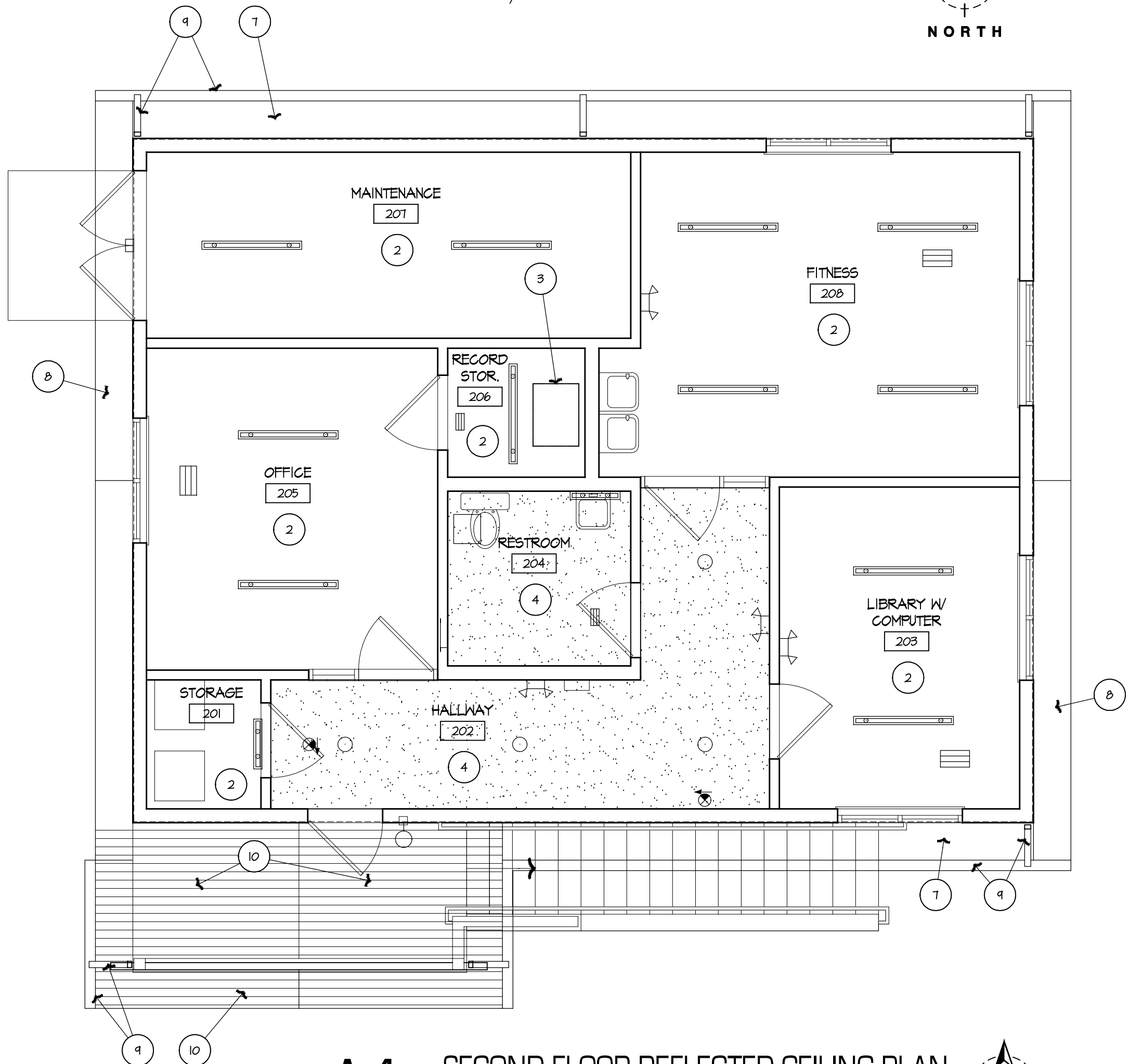
GENERAL MATERIAL SCHEDULE NOTES

- REFER TO FLOOR PLANS FOR FLOOR PATTERNS, LAYOUTS, & LIMITS OF FLOORING.
- REFER TO FINISH SCHEDULE FOR ACCENT COLOR & WALL TREATMENT LOCATIONS.
- FLOOR FINISH TRANSITIONS: ALL ADA COMPLIANT, ALL METAL TRANSITIONS TO HAVE SATIN NICKEL FINISH.
- VINYL PLANK TO CARPET: METAL TYPE
- PAINTED WALLS & CEILINGS ARE GYPSUM BOARD, UNO.
- SHERWIN WILLIAMS PAINTS ARE SELECTED AS BASIS FOR DESIGN. COLOR MATCHING THESE SELECTIONS W/ APPROVED PAINT VENDORS IS ALLOWABLE.
- FLOORING MATERIALS WITHIN STAIR SHAFTS, EXIT PASSAGEWAYS & CORRIDORS SHALL COMPLY WITH DOC FF-1 "FILL TEST" (CPSC & CFR PART 1650).
- PAINTED & STAINED SURFACES TO HAVE THE FOLLOWING FINISH UNO.
CEILINGS: FLAT
WALLS: EGGSHELL
WOOD DOORS & TRIM: SEMI-GLOSS
METAL DOORS & FRAMES: SEMI-GLOSS
METAL: SEMI-GLOSS
- WARMING KITCHEN TO INCLUDE THE FOLLOWING: CABINETS, WCI COUNTERTOPS & BACKSPLASHES, PLC1



E4 FIRST FLOOR REFLECTED CEILING PLAN

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



A4 SECOND FLOOR REFLECTED CEILING PLAN

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

CEILING PLAN KEYNOTES

- OPEN CONCRETE PAN JOIST & DECK CONSTRUCTION. RE: STRUCTURAL. PAINT.
- 5/8" FIRE RATED GYPSUM BOARD ON BOTTOM OF WOOD TRUSS FRAMING. PAINT.
- ATTIC ACCESS, 22X30, INSULATED, 1 HOUR RATED, NYSTROM IN OR APPROVED EQUAL. PAINT ALL TO MATCH CEILING.
- 5/8" GYP. BD. ATTACHED TO DRYHALL SUSPENSION SYSTEM BELOW ROOF JOISTS & GYP. BD. CEILING, CEILING HEIGHT @ 8'-0" AFF. PAINT.
- 5/8" GYP. BD. ATTACHED TO DRYHALL SUSPENSION SYSTEM BELOW CONCRETE PAN JOIST & DECK CONSTRUCTION. CEILING HEIGHT @ 8'-0" AFF. PAINT.
- PROVIDE 2" OPENINGS IN CONCRETE SLAB ABOVE FOR MECHANICAL DUCTS TO FIRST FLOOR. COORDINATE SIZE & LOCATION WITH MECHANICAL & STRUCTURAL.
- FIBER CEMENT VENTED SOFFIT PANELS W/ 14.3 SQ. IN. / LF. COLOR BY ARCHITECT. 074600.
- FIBER CEMENT SOLID SOFFIT PANELS. COLOR BY ARCHITECT. 074600.
- PRE-FINISHED METAL GUTTER & DOWNSPOUT. 076200.
- FIBER CEMENT BEAD BOARD SOFFIT PANEL. PAINT. 074646.

CEILING PLAN GENERAL NOTES

- ALL WORK TO MEET ALL APPLICABLE BUILDING, PLUMBING, MECHANICAL, ELECTRICAL, ADA/HANDICAP ACCESSIBILITY AND LIFE SAFETY CODES AND REQUIREMENTS.
- DO NOT SCALE DRAWINGS. FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO ORDERING, FABRICATION, ETC.
- REFERENCE ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- ALL FLOOR/CEILING, ROOF/CEILING AND WALL PENETRATIONS ARE TO BE PROPERLY FIRECAULKED, FIRESTOPPED, SMOKE/FIRE DAMPERED, ETC. AS REQUIRED TO MAINTAIN THE FIRE RESISTIVE RATING OF THE RESPECTIVE ASSEMBLIES, AS REQUIRED BY THE APPLICABLE BUILDING CODE.
- CAULK ALL JOINTS BETWEEN DISSIMILAR MATERIALS FOR WEATHERTIGHT, WATERTIGHT, AIRTIGHT, ETC. PERFORMANCE.
- ALL PLUMBING PIPING AND ELECTRICAL CONDUIT IS TO BE CONCEALED WITHIN NSN CONSTRUCTION UNLESS NOTED OTHERWISE. IF PIPING OR DUCTWORK IS SHOWN TO BE EXPOSED REMOVE ALL LABELS AND MARKINGS. RE: MEP DRAWINGS.
- ALL AIR CONDITIONING REFRIGERANT LINES SHALL BE ROUTED AND CONCEALED IN WALLS AND CEILINGS. TYPICAL.
- REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE AND FIRE ALARM INFORMATION AND DEVICE LOCATIONS.

GENERAL FINISH NOTES (GFN)

- SEE REFLECTED CEILING PLANS FOR FINISHES OF CEILINGS, BEAMS, ETC.
- PREPARE ALL FLOORS AS REQUIRED FOR FLOOR FINISHES PER MANUFACTURER'S RECOMMENDATIONS.
- GYPSUM BOARD FINISH TO BE AN ORANGE PEEL FINISH ON ALL WALLS & CEILINGS.
- WOOD TRIM & BASE: NEW PAINTED WOOD BASE & TRIM SHALL BE PINE, UNO.
- PAINT ALL EXPOSED GYPSUM BOARD, METAL HANDRAILS, ETC. UTILIZE PAINT TYPE PER MANUFACTURER'S RECOMMENDATION. DO NOT PAINT PREFINISHED METALS & OTHER ITEMS NOTED TO BE WITHOUT APPLIED FINISH. RE: DOOR SCHEDULE FOR DOOR & TRIM FINISHES.
- ALL FIXTURES, TOILET ACCESSORIES, HARDWARE, ETC. TO BE US260 (226) SATIN BRUSHED) CHROME (OR COMPARABLE) FINISH, UNO.
- ACCESS PANEL FRAMES & DOORS TO BE METAL TYPE, PAINTED FINISH. FIRE RATED TYPE WHERE REQUIRED IN RATED WALLS & CEILINGS.

LOW VOC / FORMALDEHYDE

- INTERIOR PAINTS, PRIMERS, SEALERS & COATINGS TO COMPLY W/ GREEN SEAL STANDARDS FOR LOW VOC LIMITS.
- INTERIOR ADHESIVES TO COMPLY W/ RULE 1160 OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. CAULKS & SEALANTS TO COMPLY W/ REGULATION 8, RULE 51 OF THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT.
- INTERIOR COMPOSITE WOOD (PLYWOOD, OSB, MDF, CABINETRY, ETC.) TO BE CERTIFIED COMPLIANT W/ CALIFORNIA 131320, OR BE CERTIFIED FORMALDEHYDE-FREE COMPOSITE WOOD.
- UTILIZE CURRENT STANDARDS LISTED ABOVE. LOW VOC REQUIREMENTS FOR ITEMS A, B & C ABOVE DO NOT APPLY TO SHOP FABRICATED ITEMS THAT ARE ALSO FINISHED IN THE SHOP.

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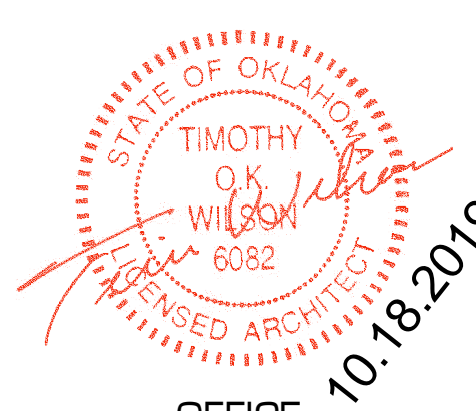
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OKLAHOMA CERTIFICATE
OF AUTHORITY NO. CA 02479

TIMBER RIDGE COTTAGES

SECTION 8, TOWNSHIP 18, RANGE 15
BROKEN ARROW, WAGONER COUNTY, OK

STARK WILSON DUNCAN ARCHITECTS INC.
315 NICHOLS RD. STE 228 - KANSAS CITY, MO 64112 - 1-816-531-1998 F 816-531-1978

SEAL
ARCHITECT - TIMOTHY O.K. WILSON
LICENSE NO. 6082



OFFICE
REFLECTED CEILING PLANS,
DOOR, WINDOW & ROOM
FINISH SCHEDULES

ISSUE DATE:

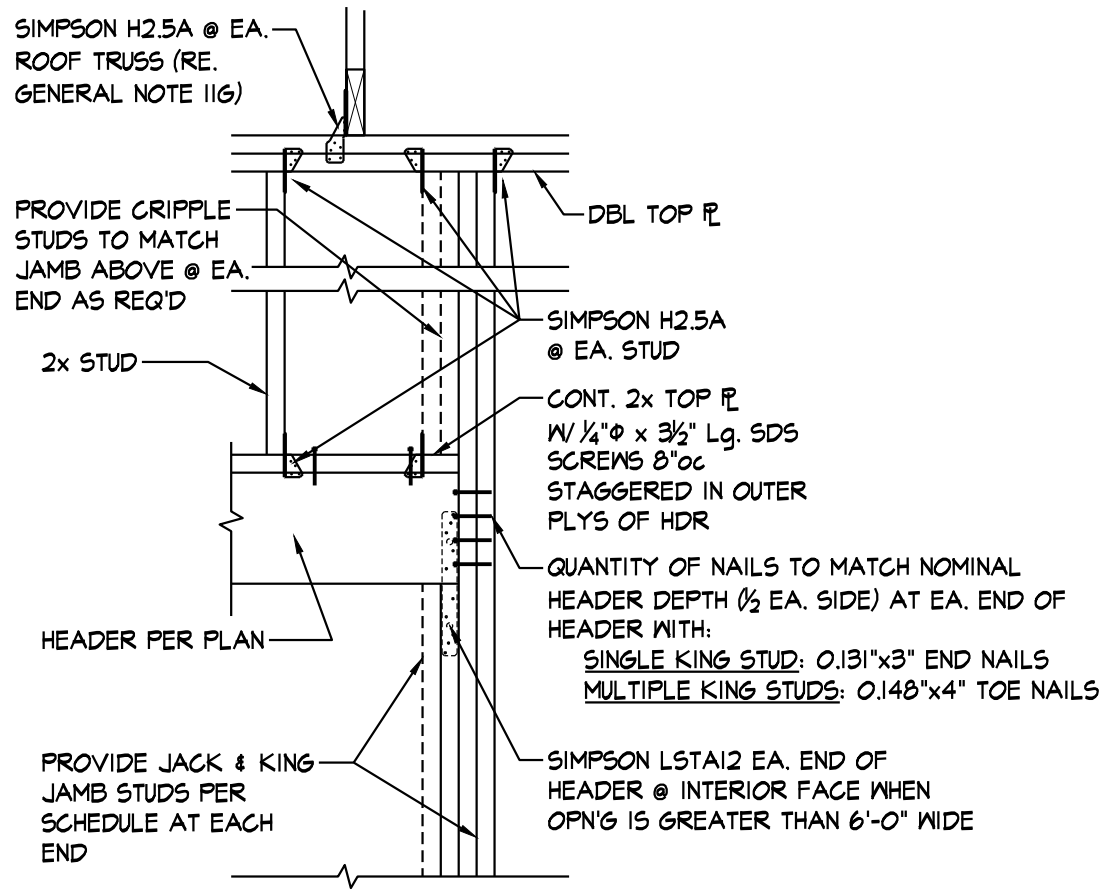
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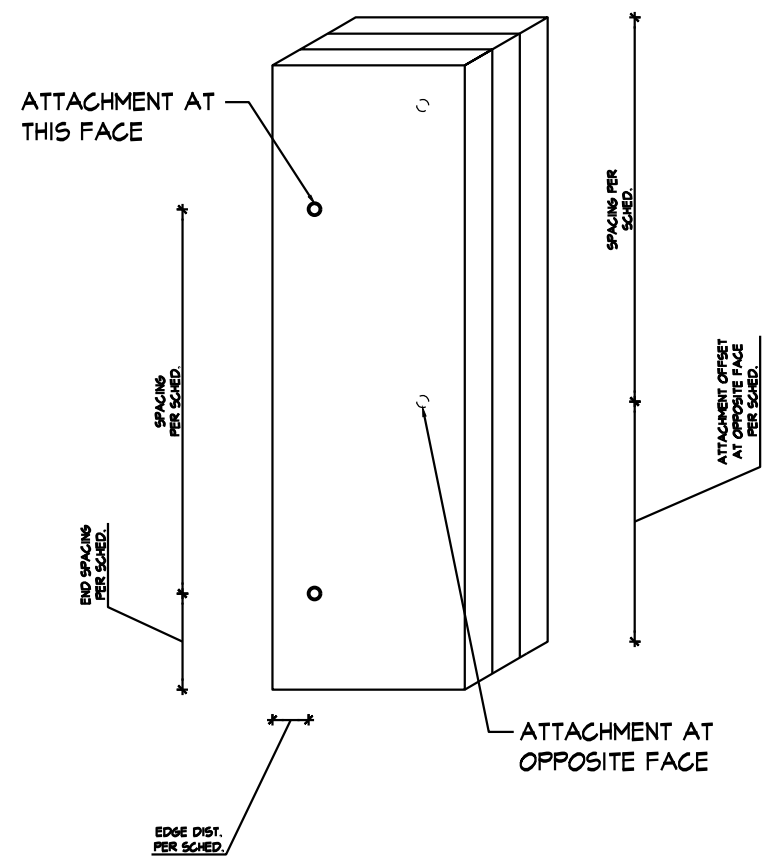
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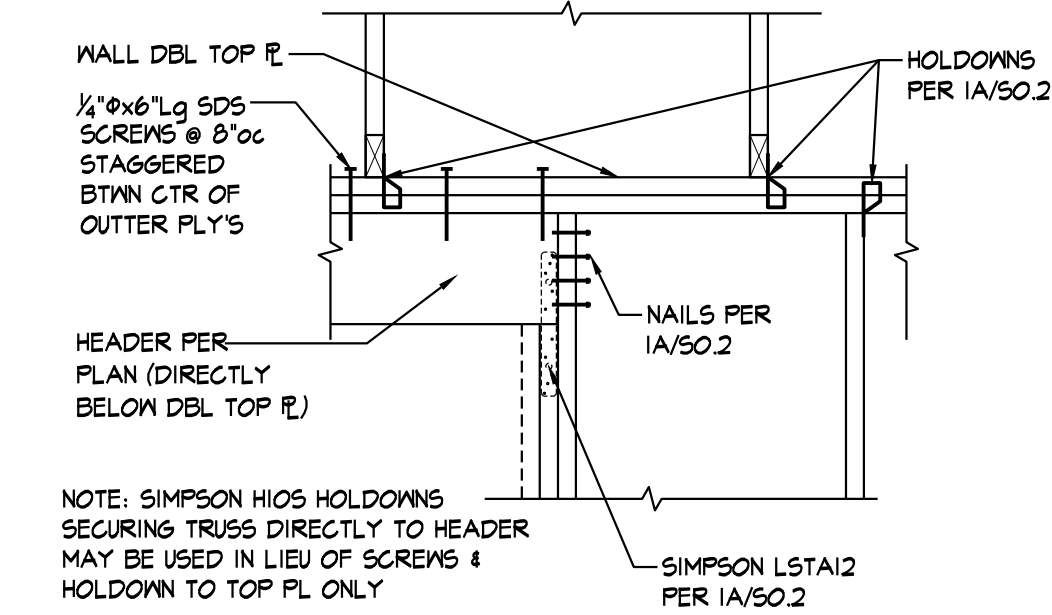
TYPICAL HEADER DETAIL AT ROOF TRUSS BEARING LOCATIONS

SECTION 1
3/4" = 1'-0" SO.2



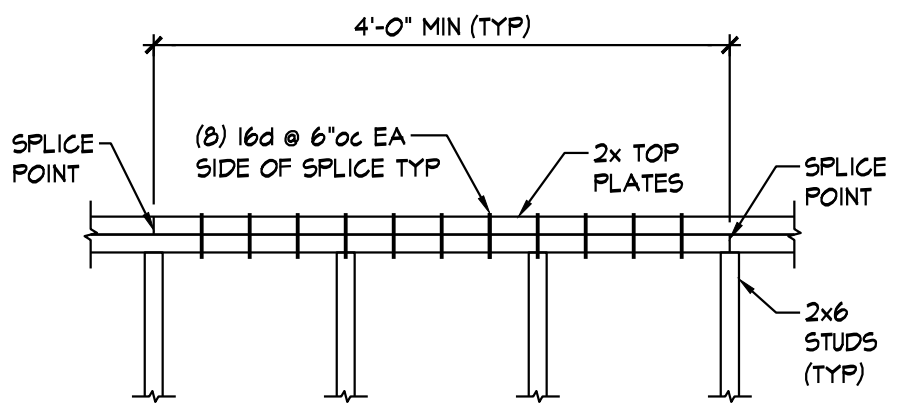
BUILT-UP STUD PACK COLUMN ATTACHMENT SCHEDULE	
2-PLY MEMBERS	10d NAILS AT 12"oc, 1" FROM EDGE, W/ OPPOSITE EDGE NAILED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc W/ FIRST NAIL 2" FROM EA. END
3-PLY MEMBERS	20d NAILS AT 16"oc, 1 1/2" FROM EDGE W/ OPPOSITE EDGE NAILED FROM OPPOSITE SIDE OFFSET 6", @ 16"oc W/ FIRST NAIL 3" FROM EA. END
4-PLY MEMBERS	1/4"x5" SIMPSON SDS SCREWS AT 16"oc, 1 1/2" FROM EDGE W/ OPPOSITE EDGE SCREWED FROM OPPOSITE SIDE OFFSET 6", @ 16"oc W/ FIRST SCREW 4" FROM EA. END
5-PLY MEMBERS	1/4"x6" SIMPSON SDS SCREWS AT 12"oc, 1 1/2" FROM EDGE W/ OPPOSITE EDGE SCREWED FROM OPPOSITE SIDE OFFSET 6", @ 12"oc W/ FIRST SCREW 4" FROM EA. END

SECTION 5
3/4" = 1'-0" SO.2

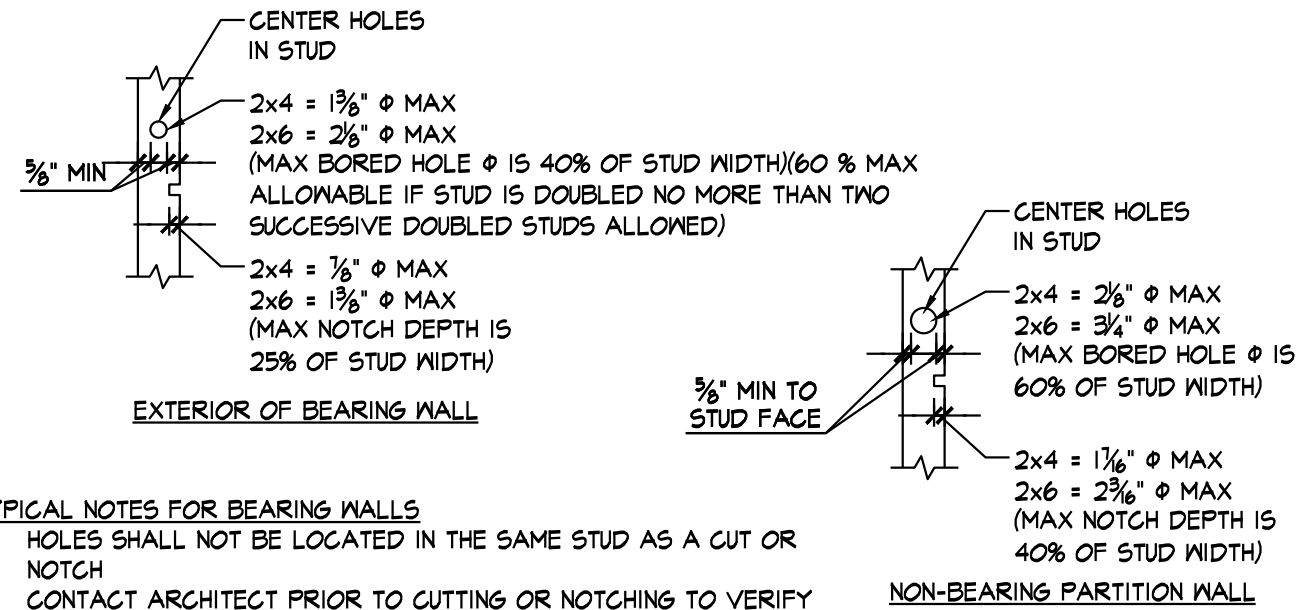


TYPICAL HEADER DETAIL AT ROOF TRUSS BEARING LOCATIONS W/ HEADER DIRECTLY BELOW DOUBLE TOP PLATE

SECTION 1A
3/4" = 1'-0" SO.2

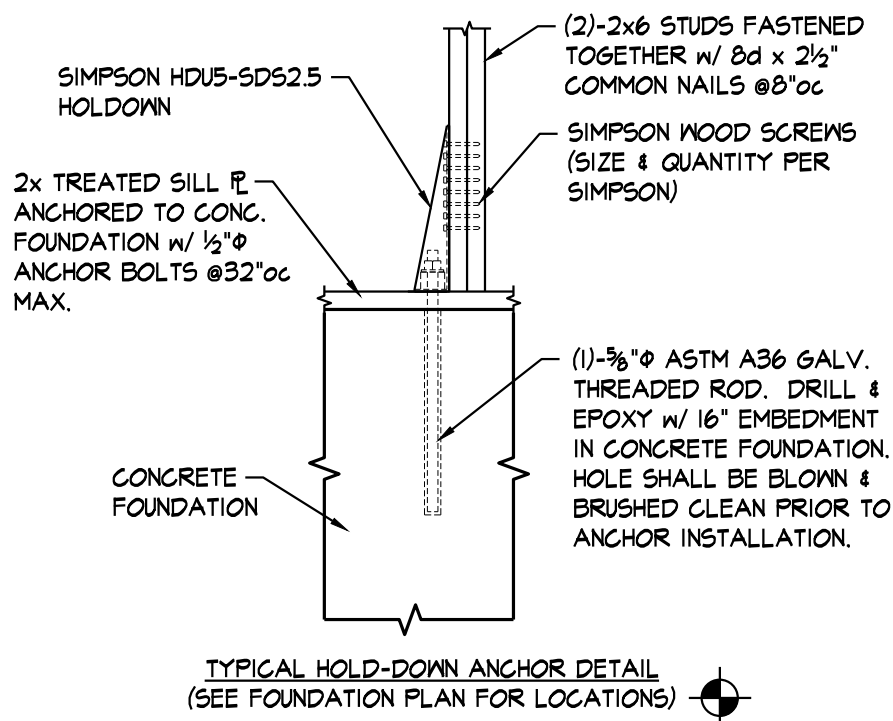


TYPICAL TOP PLATE SPLICE
SECTION 2
3/4" = 1'-0" SO.2

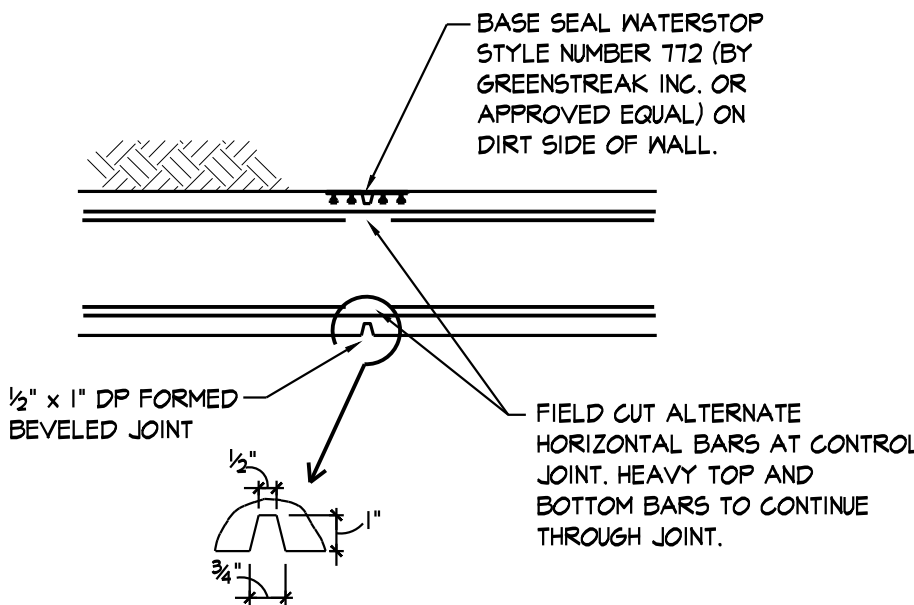


- TYPICAL NOTES FOR BEARING WALLS
- HOLES SHALL NOT BE LOCATED IN THE SAME STUD AS A CUT OR NOTCH
 - CONTACT ARCHITECT PRIOR TO CUTTING OR NOTCHING TO VERIFY SIZE AND LOCATION IF HOLES GREATER THAN 20% STUD WIDTH OR NOTCHES GREATER THAN 10% STUD WIDTH ARE REQUIRED IN TWO OR MORE CONSECUTIVE STUDS
 - NOTCHES OR HOLES NOT PERMITTED IN JAMBS, STUD PACKS AND AT ENDS OF SHEARWALLS

SECTION 3
3/4" = 1'-0" SO.2

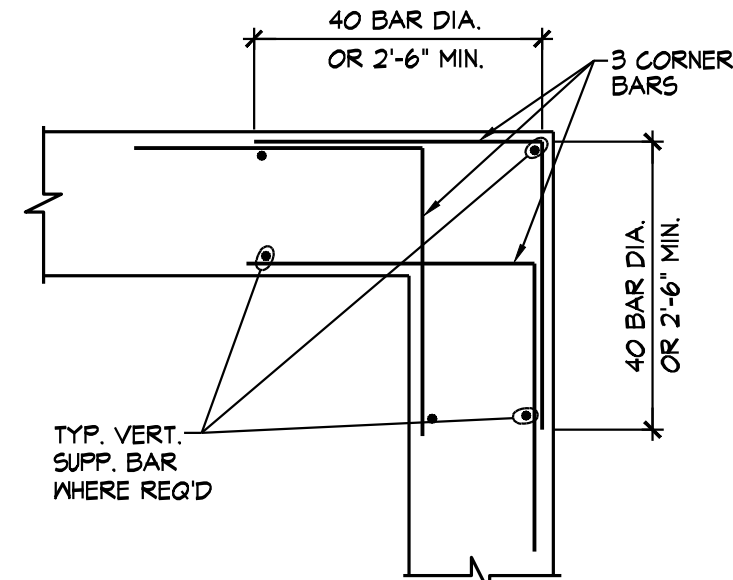
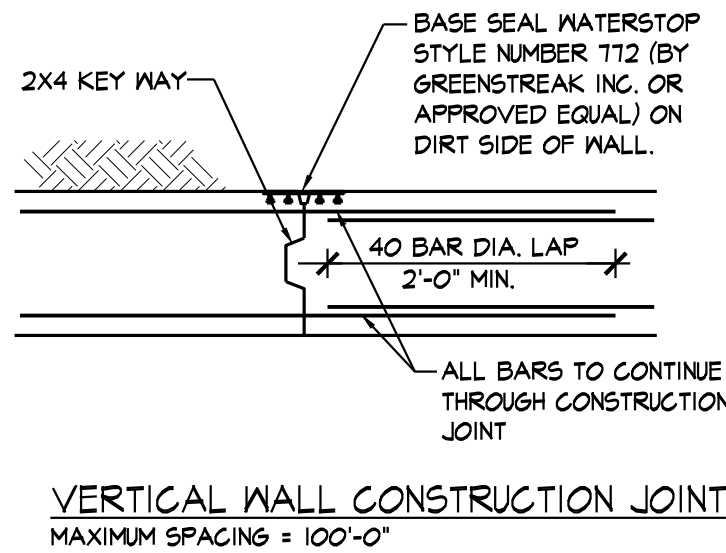


TYPICAL HOLD-DOWN ANCHOR DETAIL (SEE FOUNDATION PLAN FOR LOCATIONS)
SECTION 4
3/4" = 1'-0" SO.2



VERTICAL WALL CONTROL JOINT
MAXIMUM SPACING = 25'-0"
(COORDINATE LOCATIONS WITH ARCHITECT/ ALIGN WITH MASONRY CONTROL/EXPANSION JOINTS ABOVE)

VERTICAL WALL CONTROL/CONSTRUCTION JOINT
NO SCALE SO.2



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STARK WILSON DUNCAN ARCHITECTS INC.
315 NICHOLS RD, STE 228 - KANSAS CITY, MO 64112 - T 816.531.1698 F 816.531.1978

SEAL
ENGINEER - MICHAEL J. FALBE
LICENSE NO. 20065



TYPICAL SECTIONS

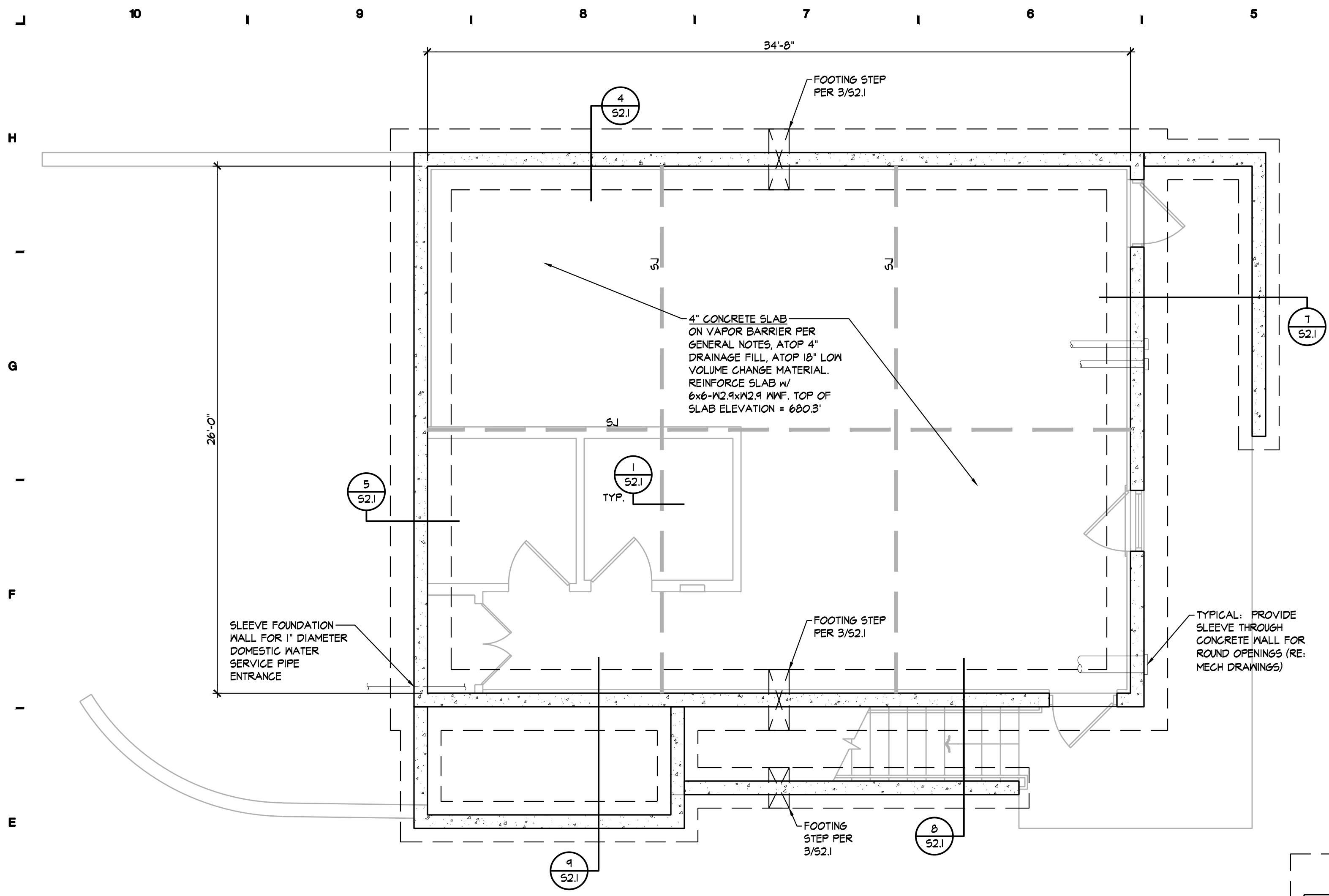
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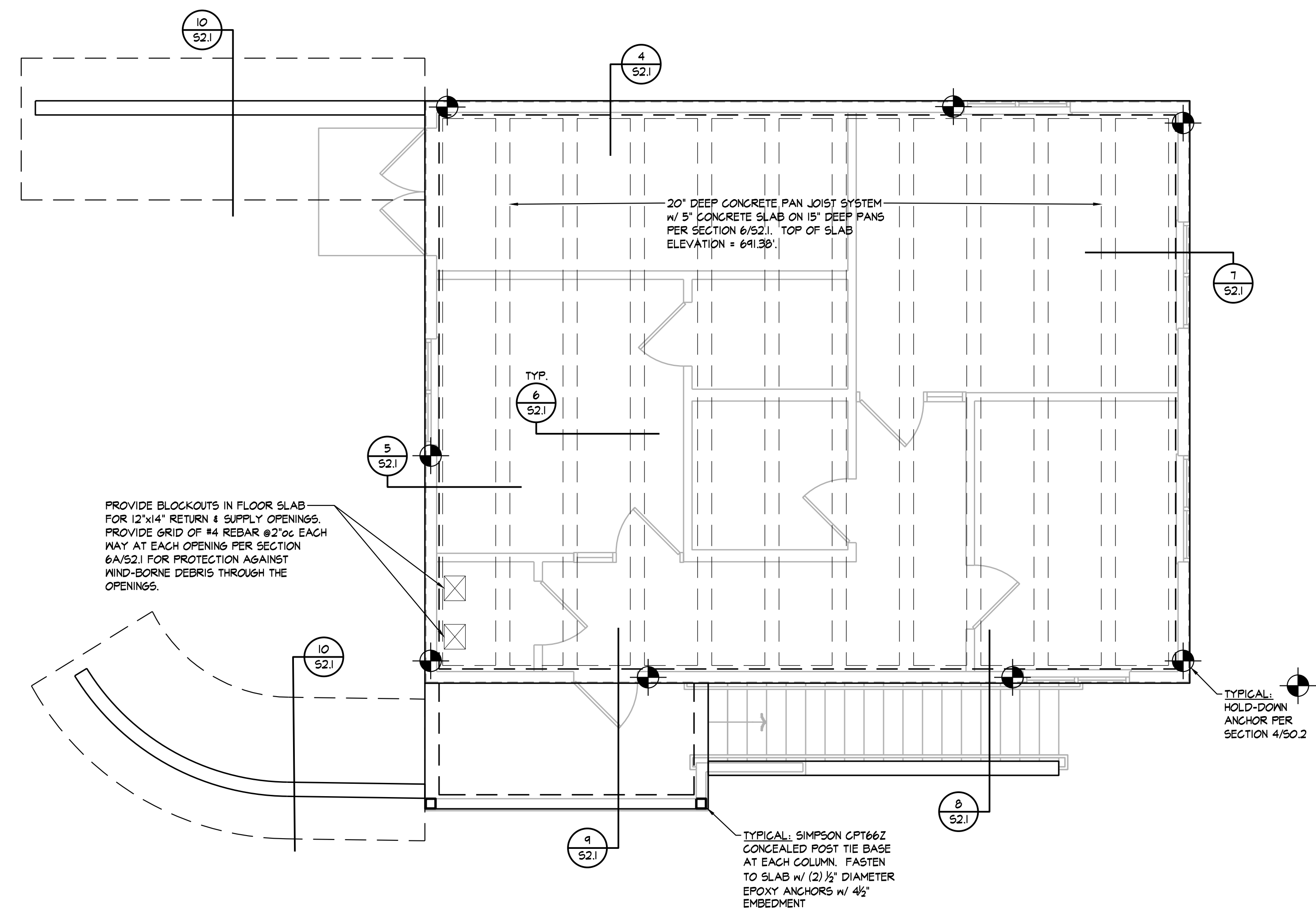
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LOWER LEVEL / FOUNDATION PLAN - OFFICE
1/4" = 1'-0"

- NOTES:
1. REFER TO GENERAL NOTES ON SHEET 50.1.
 2. VERIFY ALL DIMENSIONS & ELEVATIONS W/ ARCHITECTURAL DRAWINGS.
 3. ALL MECHANICAL PENETRATIONS THROUGH CONCRETE WALLS OR SLABS SHALL BE SCREENED WITH A GRID OF #4 REBAR @2'OC TO PROTECT AGAINST WIND-BORNE DEBRIS. REFER TO SECTION 6A/52.1.



MAIN LEVEL / FLOOR FRAMING PLAN - OFFICE
1/4" = 1'-0"

- NOTES:
1. REFER TO GENERAL NOTES ON SHEET 50.1.
 2. VERIFY ALL DIMENSIONS & ELEVATIONS W/ ARCHITECTURAL DRAWINGS.
 3. INDICATES SIMPSON HOLD-DOWN ANCHOR PER SECTION 4/50.2.
 4. ALL MECHANICAL PENETRATIONS THROUGH CONCRETE WALLS OR SLABS SHALL BE SCREENED WITH A GRID OF #4 REBAR @2'OC TO PROTECT AGAINST WIND-BORNE DEBRIS. REFER TO SECTION 6A/52.1.



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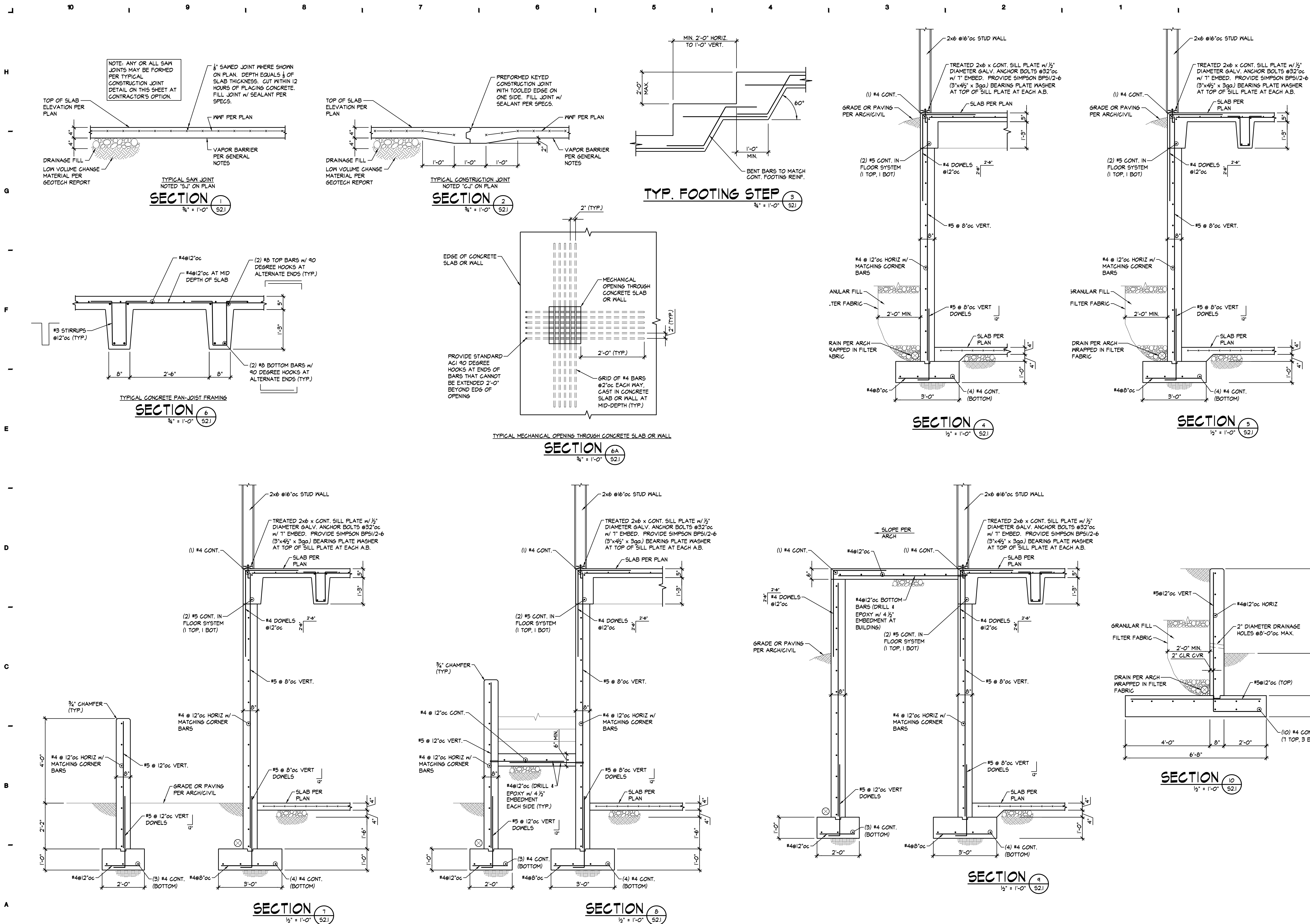
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SEAL
ENGINEER - MICHAEL J. FALBE
LICENSE NO. 20065

REGISTERED PROFESSIONAL
ENGINEER
MICHAEL J. FALBE
20065
OKLAHOMA
10-18-19

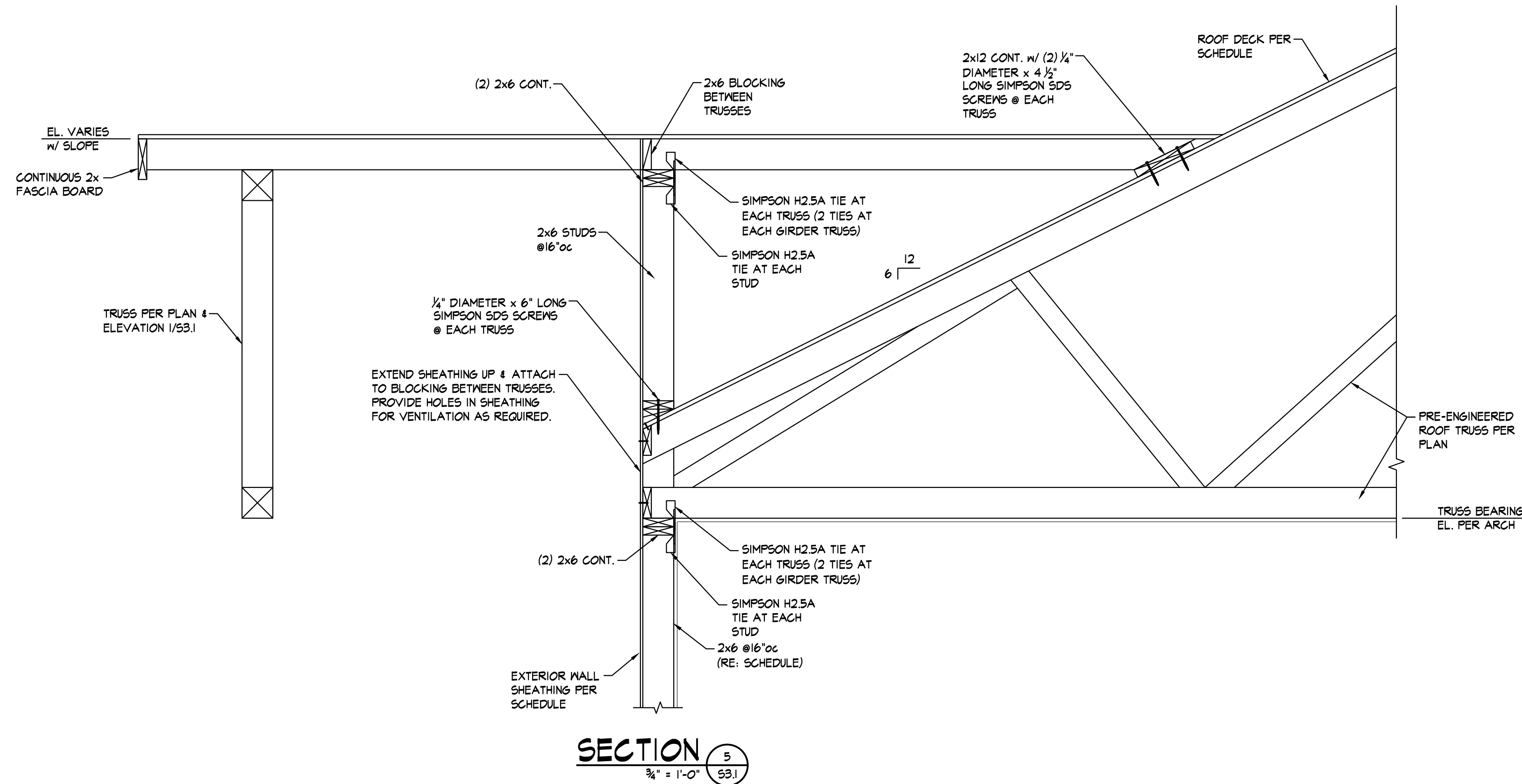
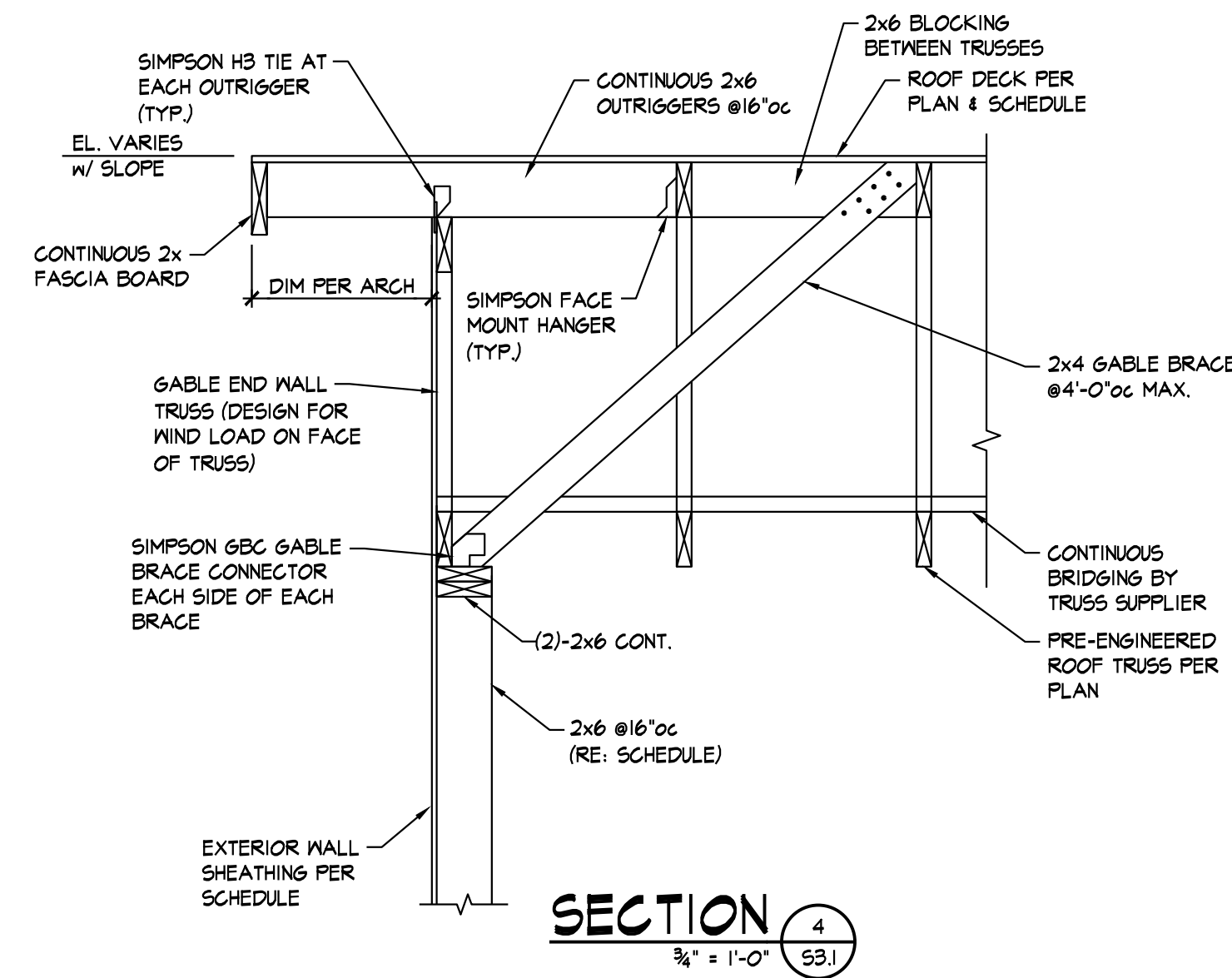
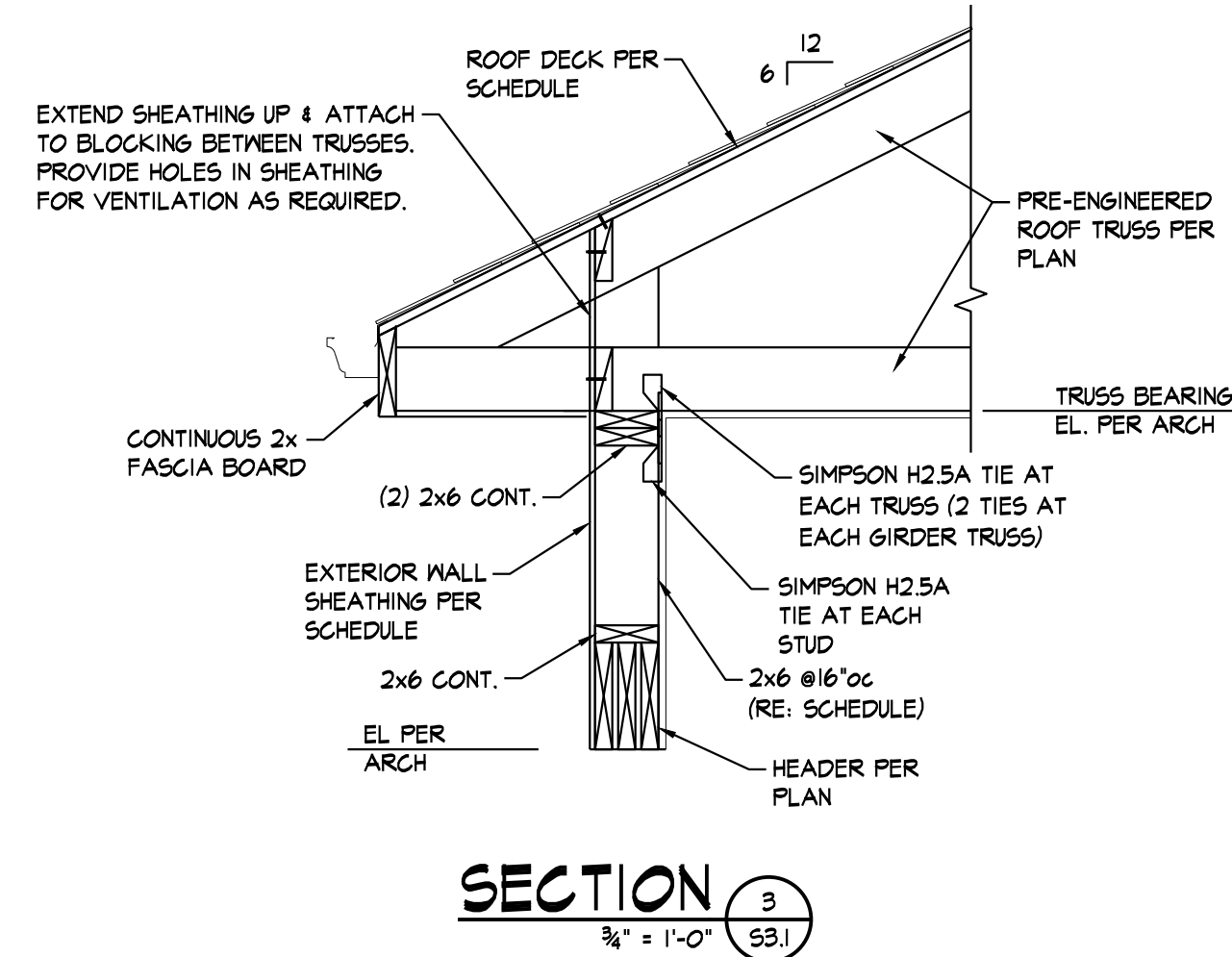
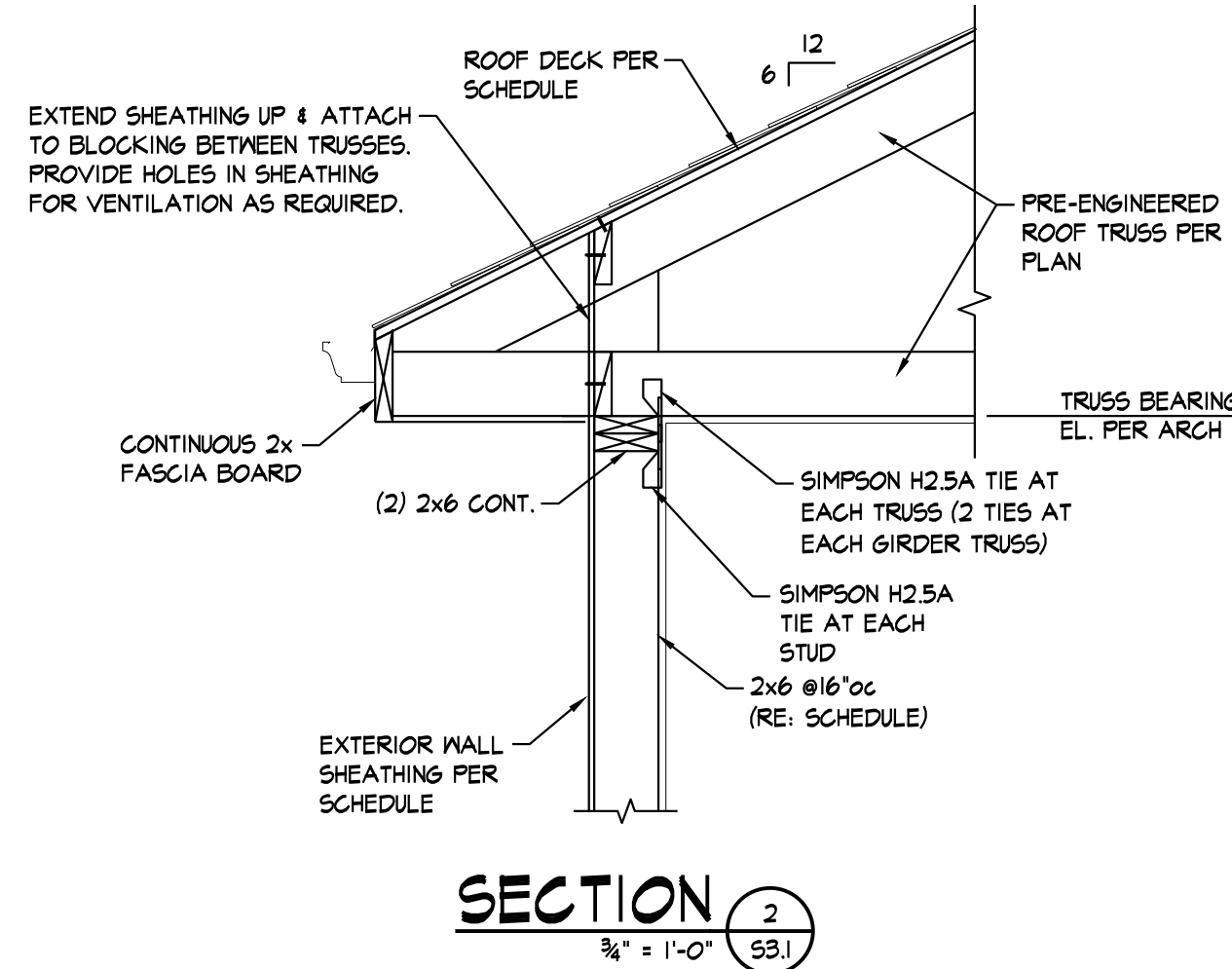
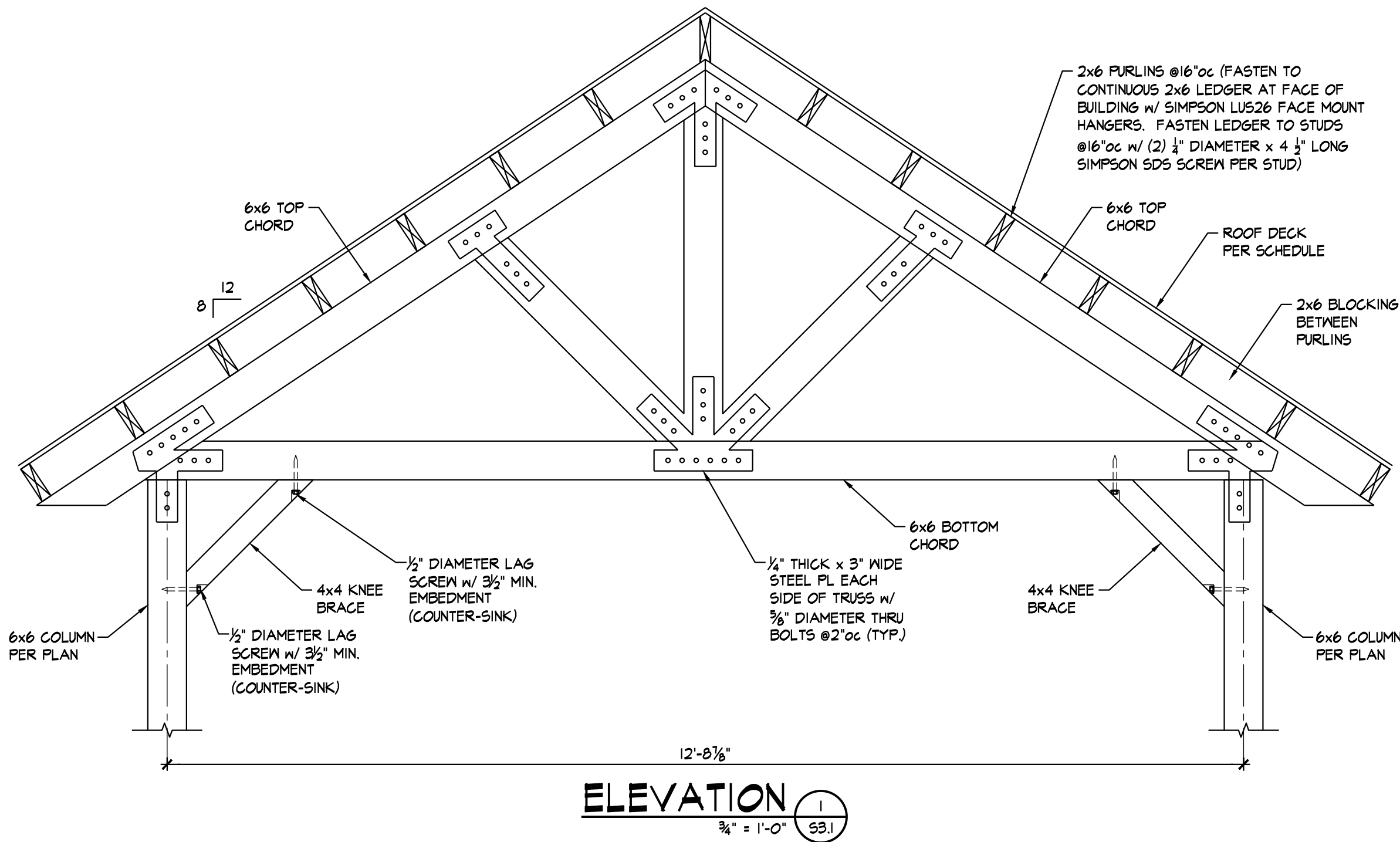
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SYMBOLS

PIPING

	DIRECTION OF FLOW
	UNION
	FLANGE CONNECTION
	CAP
	ELBOW UP
	ELBOW DOWN
	TEE UP
	TEE DOWN
	PIPE REDUCER
	PIPE GUIDE
	PIPE ANCHOR
	EXPANSION JOINT
	SHUT-OFF VALVE
	CHECK VALVE
	BALANCING VALVE WITH PRESSURE PORTS
	TRIPLE DUTY VALVE
	STRAINER
	STRAINER WITH BLOWOFF
	RELIEF/SAFETY VALVE
	MANUAL AIR VENT
	SOLENOID VALVE
	THREE-WAY CONTROL VALVE
	TWO-WAY CONTROL VALVE
	PRESSURE REDUCING VALVE
	PRESSURE GAUGE
	THERMOMETER
	GAS REGULATOR
	BACKFLOW PREVENTER
	AIR OUTLET
	OXYGEN OUTLET
	VACUUM OUTLET
	NITROGEN OUTLET
	NITROUS OXIDE OUTLET
	FLOOR SINK
	FLOOR DRAIN
	ROOF DRAIN
	HOSE BIBB
	FLOOR/GRADE CLEANOUT
	WALL CLEANOUT
	END OF LINE CLEANOUT

PLUMBING

	WASTE LINE-ABOVE GRADE
	GREASE WASTE LINE-ABOVE GRADE
	WASTE LINE-BELOW GRADE
	VENT LINE
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC TEMPERED HOT WATER
	DOMESTIC HOT WATER RECIRC.
	140 DEGREE DOMESTIC HOT WATER
	VENT THROUGH ROOF NOTE

FIRE PROTECTION

	SPRINKLER HEAD (PENDANT)
	SPRINKLER HEAD (SIDEWALL)
	SPRINKLER HEAD (UPRIGHT)
	FIRE PROTECTION PIPING
	SIAMESE CONNECTION

DUCTWORK

	EQUIPMENT TYPE AND NUMBER
	PUMP
	LINEAR SLOT DIFFUSER
	FLEXIBLE DUCT
	NEGATIVE PRESSURE AIR DUCT UP
	NEGATIVE PRESSURE AIR DUCT DOWN
	POSITIVE PRESSURE AIR DUCT UP
	POSITIVE PRESSURE AIR DUCT DOWN
	DUCT RISE OR DROP IN THE DIRECTION OF AIRFLOW
	SQUARE TO ROUND TRANSITION
	ROUND DUCT UP, DOWN
	ELBOW WITH TURNING VANES
	FLEXIBLE CONNECTION
	MANUAL BALANCE DAMPER
	MOTORIZED CONTROL DAMPER
	FIRE DAMPER
	SMOKE DAMPER
	FIRE/SMOKE DAMPER
	SPIN-IN BRANCH DUCT CONNECTOR-WITH DAMPER IF SHOWN
	HIGH EFFICIENCY BRANCH DUCT CONNECTOR-WITH DAMPER IF SHOWN
	SUPPLY AIR DIFFUSER
	DUCT MOUNTED GRILLE/WALL GRILLE
	RETURN GRILLE
	NOISE REDUCING RETURN AIR TRANSFER SUPPLY DIFFUSER - THREE-WAY THROW
	DIFFUSER, GRILLE, OR REGISTER TYPE
	CFM
	CONNECTION SIZE

TEMPERATURE CONTROLS

	TEMPERATURE SENSOR/THERMOSTAT
	HUMIDITY SENSOR/HUMIDISTAT
	REMOTE TEMPERATURE SENSOR
	REMOTE HUMIDITY SENSOR
	CARBON DIOXIDE SENSOR
	OCCUPANCY SENSOR
	CARBON MONOXIDE SENSOR
	STATIC PRESSURE SENSOR
	DIFFERENTIAL PRESSURE TRANSMITTER
	FLOW METER

LIGHTING

	LIGHT TRACK WITH LIGHT TYPES AS INDICATED
	WALL WASHER LIGHTING FIXTURE, ARROW INDICATES DIRECTION
	FLUORESCENT FIXTURE AND TYPE
	EMERGENCY LIGHT FIXTURE
	NIGHT LIGHT FIXTURE
	LIGHT FIXTURE AND TYPE
	EMERGENCY LIGHT FIXTURE
	WALL MOUNTED FIXTURE
	WALL SCONCE
	POLE MOUNTED LIGHT (NUMBER OF HEADS AS SHOWN)
	TENON MOUNTED POLE LIGHT
	IN-GROUND LIGHT FIXTURE
	BOLLARD LIGHT FIXTURE
	EXIT LIGHT C.L.G. MNTD. (S.G.L. FACE)
	EXIT LIGHT C.L.G. MNTD. (DBL. FACE)
	EXIT LIGHT WALL MNTD. (S.G.L. FACE)
	EXIT/EMERGENCY LIGHT
	EMERGENCY LIGHT
	CEILING FAN

POWER EQUIPMENT

	ELECTRICAL DISTRIBUTION PANEL, SWITCHBOARD, OR MOTOR CONTROL
	PANEL BOARD
	LOAD CENTER
	METER
	J-BOX
	MOTOR
	DISCONNECT SWITCH
	COMBINATION DISCONNECT SWITCH AND MOTOR STARTER
	MAGNETIC MOTOR STARTER, NEMA SIZE AS NOTED
	BELL
	HOME RUN
	CONCEALED CONDUIT
	CONDUIT BELOW SLAB
	ONE HOT, ONE NEUTRAL, AND ONE GROUND IN CONCEALED CONDUIT (#12 in 1/2" C. UNO.)
	#14'S (WIRE NUMBER INDICATED)
	#16'S (WIRE NUMBER INDICATED)
	EXPOSED CONDUIT
	CONDUIT TURNING DOWN
	CONDUIT TURNING UP

WIRING DEVICES & OUTLETS

	SIMPLEX RECEPTACLE
	DUPLEX RECEPTACLE
	GROUND FAULT INTERRUPTER
	WEATHERPROOF DUPLEX RECEPTACLE
	QUAD RECEPTACLE
	HEAVY DUTY RECEPTACLE-NEMA TYPE AS NOTED
	FLOOR MOUNTED DEVICE
	CEILING MOUNTED DEVICE
	ISOLATED GROUND DUPLEX RECEPTACLE
	ISOLATED GROUND QUAD RECEPTACLE
	WALL MOUNTED PHONE
	CENTER OF DEVICE AT 48" A.F.F.
	DEVICE ON EMERGENCY POWER
	DATA OUTLET
	TELEPHONE/DATA OUTLET
	CABLE T.V. OUTLET
	CABLE TRAY
	SURFACE RACEWAY
	SWITCH, SPST UNO.
	SWITCH, DPST
	FUSESTAT
	3-WAY SWITCH
	4-WAY SWITCH
	DIMMER SWITCH
	JAMB SWITCH
	MOTOR RATED SWITCH
	SWITCH WITH WEATHERPROOF COVER
	KEYED SWITCH
	TIME SWITCH
	PUSH BUTTON
	PHOTOCELL SWITCH
	CEILING OCCUPANCY SENSOR
	ROOM CONTROLLER
	EMERGENCY CONTROL UNIT

FIRE ALARM

	FIRE ALARM CONTROL PANEL
	ANNUNCIATOR PANEL
	FIRE ALARM POWER EXTENDER
	FULL STATION
	KNOX BOX
	CONTROL RELAY
	SIGNAL ZONE ADDRESSABLE MODULE
	CONTROL ZONE ADDRESSABLE MODULE
	MONITOR ZONE ADDRESSABLE MODULE
	SINGLE STATION SMOKE DETECTOR
	SMOKE DETECTOR (SUP. RELAY BASE)
	SYSTEM SMOKE DETECTOR
	BEAM DETECTOR
	HEAT/THERMAL DETECTOR
	DUCT SMOKE DETECTOR
	INDIVIDUAL ADDRESSABLE MONITOR
	MAGNETIC DOOR HOLD
	HORN/STROBE
	STROBE
	SPEAKER/STROBE
	SPEAKER
	HORN
	VALVE TAMPER SWITCH
	FLOW SWITCH
	END OF LINE RESISTOR
	POST INDICATING VALVE
	FIRE ALARM BELL
	FIREMAN'S PHONE JACK
	SECURITY GUARD FOR DEVICE SHOWN
	COMBINATION SMOKE DETECTOR/CARBON MONOXIDE DETECTOR

NURSE CALL

	NURSE CALL MASTER STATION
	NURSE CALL BEDSIDE STATION-SINGLE PATIENT
	NURSE CALL BEDSIDE STATION-DOUBLE PATIENT
	PATIENT EMERGENCY PULL CORD STATION
	PATIENT BED INTERFACE-37 PIN CONNECTOR
	STAFF STATION
	DOME LIGHT
	ZONE DOME LIGHT
	CODE BLUE PUSHBUTTON STATION
	EMERGENCY STAFF STATION

COMMUNICATIONS

	SPEAKER HORN-PROJECTION TYPE
	SPEAKER
	VOLUME CONTROL
	MICROPHONE JACK
	COMBINATION SPEAKER/CLOCK
	SYSTEM CLOCK
	ELAPSED TIME CLOCK
	INTERCOM
	POWER SUPPLY
	AMPLIFIER

SECURITY

	CLOSED CIRCUIT TELEVISION CAMERA
	ELECTRIC DOOR LOCK
	DOOR MONITOR
	CARD READER
	GLASS BREAK
	REQUEST TO EXIT BUTTON
	SECURITY MONITOR
	PANIC BUTTON (D=DESK, W=WALL, F=FLOOR)
	KEY PAD

ABBREVIATIONS

A	AMPS, AIR (COMPRESSED)	O	OXYGEN
A/C	AIR CONDITIONING	OA	OUTSIDE AIR
AF	AMPERE FUSE	OC	ON CENTER
AFG	AREA FOR EVACUATION ASSISTANCE	OD	OUTSIDE DIAMETER
AFF	ABOVE FINISHED FLOOR	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
AFS	ABOVE FINISHED GRADE	ORD	OVERFLOW ROOF DRAIN
AHU	AIR HANDLING UNIT	PA	PIPE ANCHOR
AIG	AMPERE INTERRUPTING CURRENT	PCNR	PRIMARY CHILLED WATER RETURN
AL	ALUMINUM	PCAS	PRIMARY CHILLED WATER SUPPLY
APD	AIR PRESSURE DROP	PCR	PUMPED CONDENSATE RETURN
ATS	AUTOMATIC TRANSFER SWITCH	PD	PRESSURE DROP (FEET OF WATER)
AV	ACID VENT	PHAGE	PHAGE
AW	ACID WASTE	PHWR	PRIMARY HEATING WATER RETURN
AWG	AMERICAN WIRE GAUGE	PHWG	PRIMARY HEATING WATER SUPPLY
BCU	BLOWER COIL UNIT	PNL	PANEL
BFP	BACKFLOW PREVENTER	PRV	PRESSURE REDUCING VALVE
BHP	BRAKE HORSEPOWER	PS	RULGE START
BIF	BELOW FINISHED FLOOR	PSI	POUNDS PER SQUARE INCH
BOD	BOTTOM OF DUCT	PSIA	POUNDS PER SQUARE INCH-ABSOLUTE
BOP	BOTTOM OF PIPE	PSIG	POUNDS PER SQUARE INCH-GAUGE
BOS	BOTTOM OF STRUCTURE	PT	POTENTIAL TRANSFORMER
BTUH	BRITISH THERMAL UNITS PER HOUR	QTY	QUANTITY
C	CONDUIT	R	REFRIGERANT
CT	CURRENT TRANSFORMER	RA	RETURN AIR
CTV	CABLE TELEVISION SYSTEM	RCP	REINFORCED CONCRETE PIPE
CAV	CONSTANT AIR VOLUME	RD	ROOF DRAIN
CCTV	CLOSED CIRCUIT TELEVISION	REV	REVISION
CP	CONDUIT DRAIN	RFN	RETURN FAN
CCF1	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	RH	RELATIVE HUMIDITY
CFH	CUBIC FEET PER HOUR	RLA	RUNNING LOAD AMPS
CFM	CUBIC FEET PER MINUTE	RLM	REVOLUTIONS PER MINUTE
CH	CHILLER	RTU	ROOF TOP UNIT
CO	CLEANOUT, CARBON MONOXIDE	S	SINK, STEAM
CO2	CARBON DIOXIDE	SA	SUPPLY AIR
CTR	COOLING TOWER	SAN	SANITARY SEWER
CTS	COOLING TOWER RETURN	SCAR	SECONDARY CHILLED WATER RETURN
CU	COPPER, CONDENSING UNIT	SCAS	SECONDARY CHILLED WATER SUPPLY
CAH	CABINET UNIT HEATER	SD	SMOKE DAMPER, STORM DRAIN
CW	COLD WATER	SFF	SURFACE FAN
CNR	CHILLED WATER RETURN	SHWR	SECONDARY HEATING WATER RETURN
CMS	CHILLED WATER SUPPLY	SHWG	SECONDARY HEATING WATER SUPPLY
D	DRAIN	SP	STATIC PRESSURE
DDG	DIRECT DIGITAL CONTROL	SOFT	SQUARE FOOT/SQUARE FEET
DFU	DRAINAGE FIXTURE UNITS	STARYTOR	STARTY/TOR
DN	DOWN	SS	SERVICE SINK, STAINLESS STEEL
DPDT	DOUBLE-POLE, DOUBLE-THROW	STD	STORM DRAIN, SOUND TRAP, STEAM TRAP
DPSST	DOUBLE-POLE, SINGLE-THROW	STM	SOUND TRANSMISSION CLASS
DX	DIRECT EXPANSION	ST	STEAM
E	EMERGENCY	SN	SOFT WATER
EAT	EXHAUST AIR	SHBD	SHUTBOARD
EAT	ENTERING AIR TEMPERATURE	T	TEMPERED WATER
ET/C	ELECTRICAL CONTRACTOR	TG	TEMPERATURE GAUGE
EDB	ENTERING DRY BULB	TDH	TOTAL DYNAMIC HEAD
EF	EXHAUST FAN	TSP	TOTAL STATIC PRESSURE
EJ	EXPANSION JOINT	TESTAT	TEST
ESFR	EARLY SUPPRESSION FAST RESPONSE	TU	TERMINAL UNIT
ESP	EXTERNAL STATIC PRESSURE	UF	UNDER FLOOR
ETR	EXISTING TO REMAIN	UG	UNDER GROUND
EMB	ENTERING WET BULB	UH	UNIT HEATER
EMC	ELECTRIC WATER COOLER	UL	UNDERWRITERS LABORATORIES, INC.
FAA	FIRE ALARM ANNUNCIATOR	UNO	UNLESS NOTED OTHERWISE
FACP	FIRE ALARM CONTROL PANEL	UPS	UNINTERRUPTIBLE POWER SUPPLY
FBO	FURNISHED BY OTHERS	V	VACUUM
FCO	FLOOR CLEANOUT	VAC	VOLTS ALTERNATING CURRENT
FAU	FAN COOL UNIT	VAV	VARIABLE AIR VOLUME
FD	FIRE DAMPER, FLOOR DRAIN	VCP	VITRIFIED CLAY PIPE
FF	FINISHED FLOOR	VD	VOLUME DAMPER
FGCO	FINISHED GRADE CLEANOUT	VFD	VARIABLE FREQUENCY DRIVE
FL	FLOW LINE	VTR	VENT THROUGH ROOF
FLA	FULL LOAD AMPS	W	MATER SERVICE, WATTS
FG	FIRE PROTECTION CONTRACTOR	WB	WET BULB
FTU	FAN TERMINAL UNIT	WCO	WALL CLEANOUT
FVNR	FULL VOLTAGE, NON-REVERSING	WC	WATER COLUMN, WATER CLOSET
G	NATURAL GAS	WH	WALL HYDRANT
G/C	GENERAL CONTRACTOR	WPD	WATER PRESSURE DROP
GFI	GROUND FAULT INTERRUPTER	WP	WEATHERPROOF
GND	GROUND	WT	WATERTIGHT, WEIGHT
GN	GALLONS PER HOUR	XFMR	TRANSFORMER
GPM	GALLONS PER MINUTE	XP	EXPLOSION-PROOF
GW	GREASE WASTE		
HB	HOSE BIBB		
HCR	HOT/CHILLED WATER RETURN		
HCS	HOT/CHILLED WATER SUPPLY		
HD	HEAD, HUB DRAIN		
HOA	HAND-OFF-AUTOMATIC		
HPC	HEAT PUMP		
HPR	HIGH PRESSURE CONDENSATE		
HPS	HEAT PUMP RETURN		
HSTAT	HEAT PUMP SUPPLY, HIGH PRESSURE STEAM		
HTG	HUMIDISTAT		
HTR	HEATING		
HWR	HOT WATER RETURN		
HWS	HOT WATER SUPPLY		
ID	INSIDE DIAMETER		
IE	INVERT ELEVATION		
IG	ISOLATED GROUND		
IN, WC	INCHES OF WATER COLUMN		
INC.	INCANDESCENT		
kcmil	1000 CIRCULAR MILS		
KV	KILOVOLT		
KVA	KILOVOLT-AMPS		
KVAR	KILOVOLT-AMPS REACTIVE		
KN	KILOWATT		
KWH	KILOWATT-HOUR		
L	LAVATORY		
LBD	LEAVING AIR TEMPERATURE		
LP	LEAVING DRY BULB		
LP	LINEAR FEET		
LPC	LOW PRESSURE		
LPG	LOW PRESSURE STEAM CONDENSATE		
LPS	LIQUIFIED PETROLEUM GAS (PROPANE)		
LRA	LOCKED ROTOR AMPS		
LMB	LEAVING MET BULB		
LNT	LEAVING WATER TEMPERATURE		
MH	1000 BTU PER HOUR		
M/C	MECHANICAL CONTRACTOR		
MCA	MINIMUM CIRCUIT AMPACITY		
MCC	MOTOR CONTROL CENTER		
MCM	1000 CIRCULAR MILS		
MD	MOTORIZED DAMPER		
MDP	MAIN DISTRIBUTION PANEL		
MAFR	MANUFACTURER		
MH	MANHOLE/METAL HALIDE		
MLO	MAIN LUGS ONLY		
MPC	MEDIUM PRESSURE CONDENSATE		
MPS	MEDIUM PRESSURE STEAM		
MS	MOTOR STARTER		
MSB	MAIN SWITCHBOARD		
MTD	MOUNTED		
MAU	MAKE-UP AIR UNIT		
N	NITROGEN		
N/A	NOT APPLICABLE		
NC	NOISE CRITERIA		
NFVH	NON-FREEZE WALL HYDRANT		
NO	NOT IN CONTRACT		
N/O	NITROUS OXIDE		
N/C	NORMALLY OPEN, NORMALLY CLOSED		

GENERAL

	HEAVY LINEWEIGHT INDICATES NEW WORK
	CONNECT NEW TO EXISTING
	LIGHT AND SCREENED LINEWEIGHT INDICATES EXISTING-TO-REMAIN
	INDICATES DEMOLITION WHEN SHOWN ON DEMOLITION PLAN OR NOTED
	POINT OF DISCONNECT FROM EXISTING
	CONSTRUCTION NOTE
	REVISION NUMBER
	SECTION CUT THROUGH DRAWING
	AREA OF ENLARGEMENT
	PLAN NUMBER
	SHEET WHERE ENLARGED PLAN IS DRAWN

THIS IS A MASTER LEGEND.
NOT ALL SYMBOLS, ABBREVIATIONS,
ETC., ARE USED ON THE DRAWINGS.

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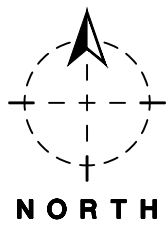
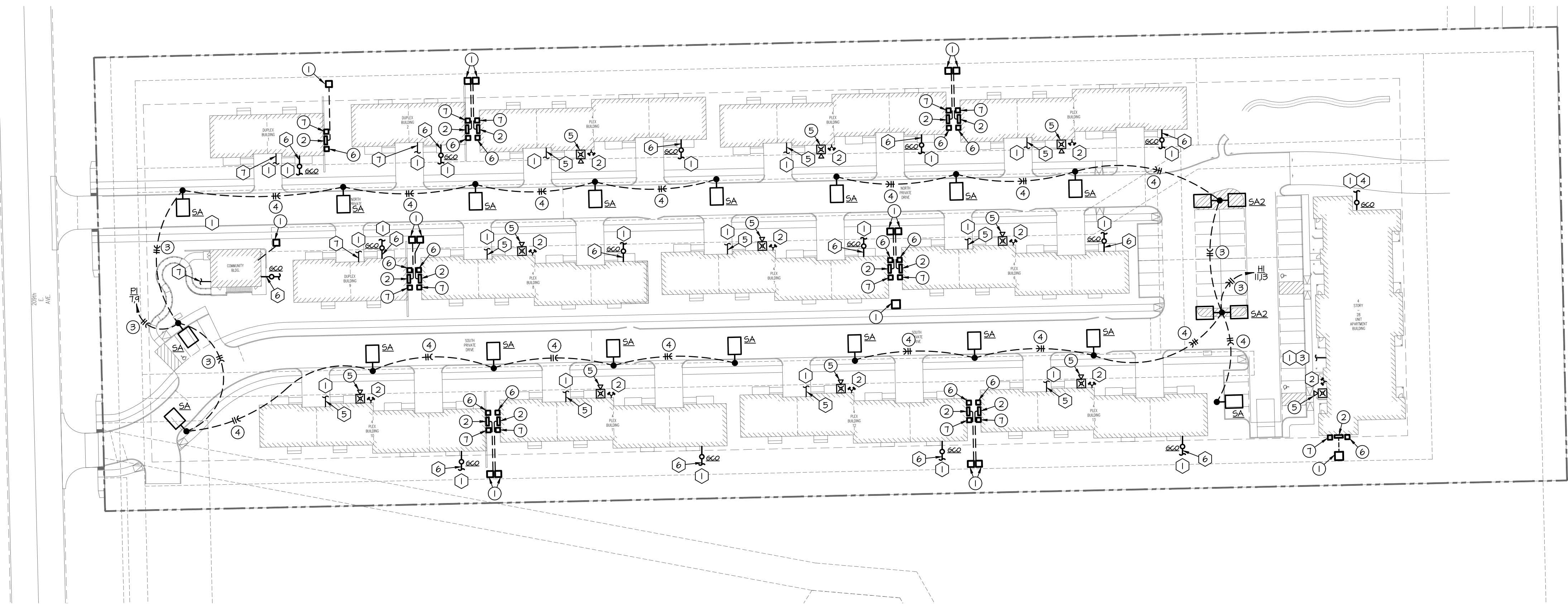
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01

SITE PLAN
SCALE: 1" = 50'

LIGHT FIXTURE SCHEDULE

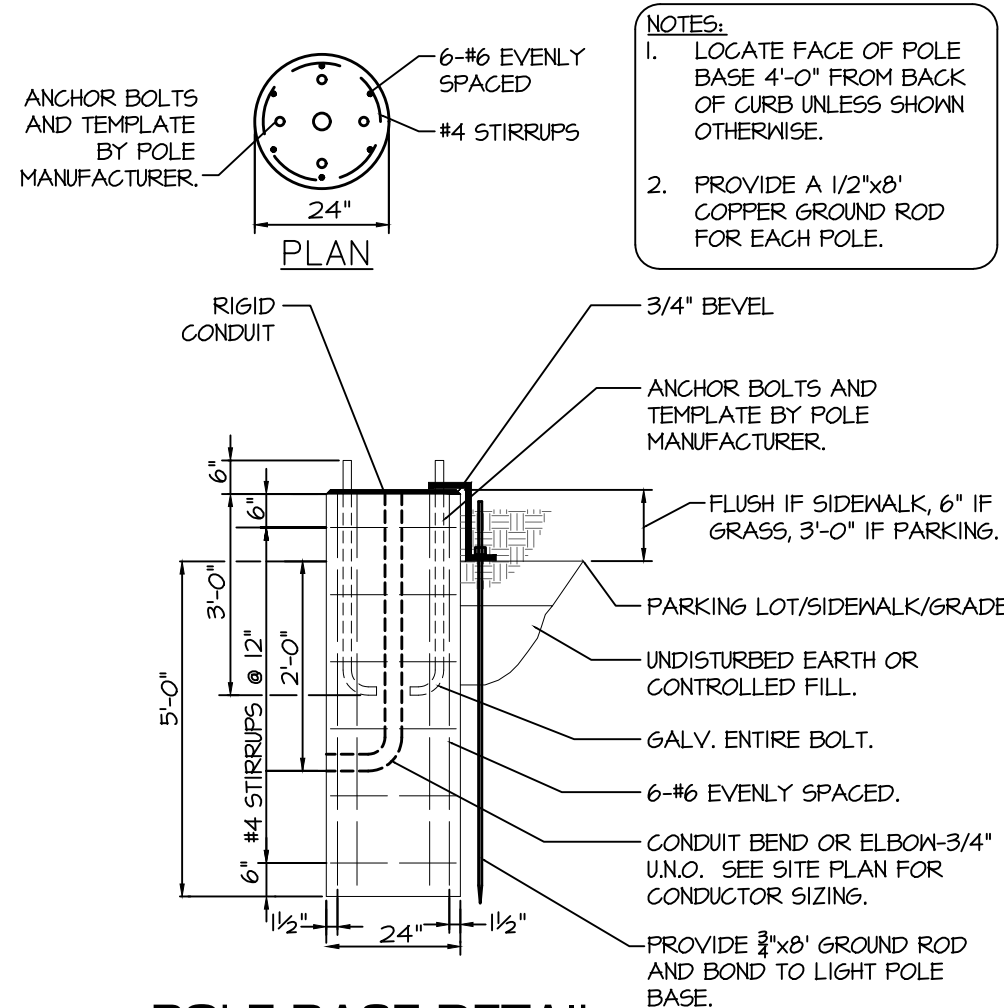
MARK	MANUFACTURER	MODEL	LAMP DATA		VOLTS	MOUNTING	TOTAL WATTS	DESCRIPTION	NOTES
			QUAN.	TYPE					
SA	WILLIAMS	VAI-L83/T40-T3-S-DIM-208-PCR	1	LED	208	POLE	83	EXTERIOR FIXTURE WITH TYPE 3 DISTRIBUTION	1,2,3
SA2	WILLIAMS	VAI-L83/T40-T4-S-DIM-208-PCR	2	LED	208	POLE	166	EXTERIOR FIXTURE WITH TYPE 4 DISTRIBUTION	1,2,3

NOTES:

- FURNISH 22' TALL LIGHT POLE AND BASE COVER, WILLIAMS-SSA-200-0400-188 / A356-T6, COLOR AS SPECIFIED BY ARCHITECT.
- COLOR SPECIFIED BY ARCHITECT.
- PROVIDE FIXTURE WITH INTEGRAL PHOTOCELL.

GENERAL NOTES:

- PROVIDE ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION.



02

POLE BASE DETAIL
SCALE: NOT TO SCALE

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H&B PROJECT NUMBER: 1920580
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GENERAL NOTES:

- REFERENCE MECHANICAL SHEETS FOR MECHANICAL GENERAL NOTES.
- REFERENCE PLUMBING SHEETS FOR PLUMBING GENERAL NOTES.
- REFERENCE ELECTRICAL SHEETS FOR ELECTRICAL GENERAL NOTES.
- ALL ELECTRICAL WORK SHALL COMPLY WITH UTILITY COMPANY STANDARDS, AND BE APPROVED BY UTILITY COMPANY AND CITY PRIOR TO INSTALLATION.
- REFERENCE ARCHITECTURAL DRAWINGS FOR LOCATION OF BUILDING TYPES.

ELECTRICAL PLAN NOTES:

- PROPOSED ELECTRIC UTILITY TRANSFORMER. PROVIDE TRANSFORMER PAD PER LOCAL UTILITY REQUIREMENTS, REFER TO ELECTRICAL RISER DIAGRAM FOR EACH RESPECTIVE BUILDING FOR MORE INFORMATION. IMMEDIATELY AFTER BEING AWARDED CONTRACT, NOTIFY ELECTRIC UTILITY OF WORK ON SITE TO BE PERFORMED BY ELECTRIC UTILITY. ROUTING OF ELECTRIC UTILITY WORK IS DIAGRAMMATIC AND FOR COORDINATION PURPOSES ONLY.
- PROVIDE METER BANK AND MAIN CIRCUIT BREAKERS FOR ELECTRICAL SERVICE ON THE EXTERIOR OF THE BUILDING AT THIS LOCATION. REFER TO ELECTRICAL RISER DIAGRAM #1.
- PROVIDE (2) #8'S, AND A #10 GROUND IN 3/4" CONDUIT.
- PROVIDE (2) #10'S, AND A #10 GROUND IN 3/4" CONDUIT.
- PROVIDE WEATHERPROOF HORNSTROBE ON EXTERIOR OF BUILDING. CIRCUIT TO FIRE PROTECTION FLOW AND TAMPER SWITCHES, ROUTE TO ADDRESSABLE FIRE ALARM CONTROL PANEL LOCATED IN APARTMENT BUILDING.
- BUILDING CABLE TELEVISION CONNECTION BOX.
- BUILDING TELEPHONE CONNECTION BOX.

PLUMBING PLAN NOTES:

- REFER TO CIVIL SITE PLAN FOR CONTINUATION.
- FIRE DEPARTMENT SIAMESE CONNECTION.
- 6" COMBINED DOMESTIC WATER AND FIRE PROTECTION SERVICE LINE.
- 6" SANITARY DRAIN LINE.
- 4" COMBINED DOMESTIC WATER AND FIRE PROTECTION SERVICE LINE.
- 4" SANITARY DRAIN LINE.
- 1" DOMESTIC WATER SERVICE LINE.



ARCHITECTURAL CORPORATION
OKLAHOMA CERTIFICATE
OF AUTHORITY NO. CA 02479

TIMBER RIDGE COTTAGES

SECTION 8, TOWNSHIP 18, RANGE 15
BROKEN ARROW, WAGONER COUNTY, OKLAHOMA

STARK WILSON DUNCAN ARCHITECTS INC.
315 NICHOLS RD, STE 228 - KANSAS CITY, MO 64112 - T 816.631.1698 F 816.531.1978



MPE SITE PLAN

ISSUE DATE:
OCTOBER 18, 2019

REVISIONS:

PROJECT NO.: 1902

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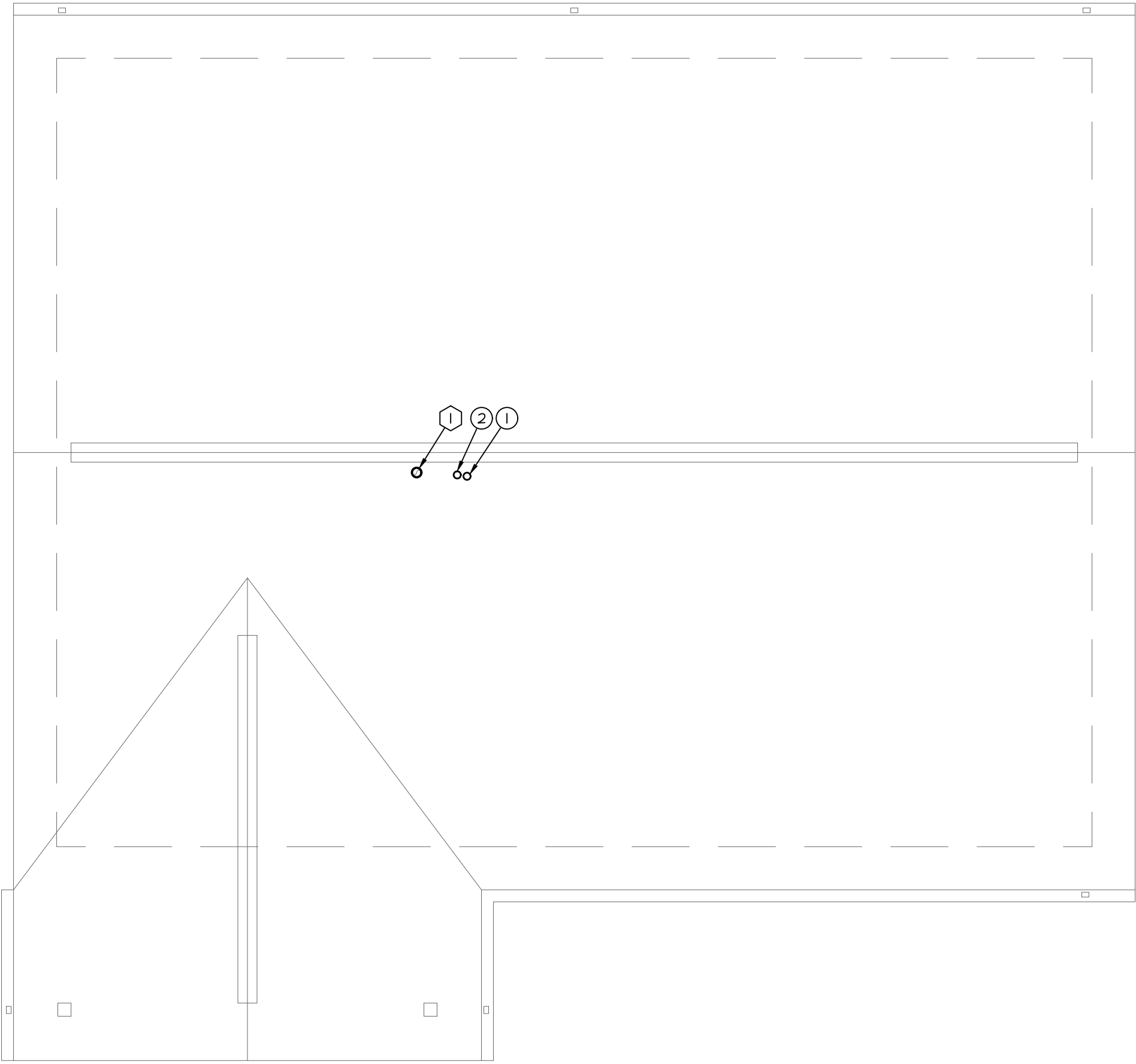
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01 MPE ROOF PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- A. REFERENCE SHEET M1.1 FOR MECHANICAL GENERAL NOTES.
- B. REFERENCE SHEET P0.1 FOR PLUMBING GENERAL NOTES.
- C. REFERENCE SHEET E2.1 FOR POWER GENERAL NOTES.
- D. ALL ROOF JACKS TO BE PAINTED TO MATCH ADJACENT ROOF COLOR.

MECHANICAL PLAN NOTES:

- 1. BATHROOM EXHAUST VENT, REFER TO DETAIL ON M5.1. ROUTE VENT IN ATTIC SPACE AS SHOWN.

PLUMBING AND RADON CONTROL SYSTEM PLAN NOTES:

- 1. 3" VENT THRU ROOF.
- 2. 3" P/VG RADON VENT.

RADON CONTROL SYSTEM NOTES:

- 1. INSTALL RADON CONTROL SYSTEM IN ACCORDANCE WITH ANSI/AARST CG-1000-2011 "SOIL GAS CONTROLS SYSTEMS IN NEW CONSTRUCTION BUILDINGS."
- 2. OPENINGS AROUND BATHTUBS, SHOWERS, WATER CLOSETS, PIPES, WIRES OR OTHER OBJECTS THAT PENETRATE CONCRETE SLABS OR OTHER FLOOR ASSEMBLIES SHALL BE FILLED WITH A POLYURETHANE CAULK OR EQUIVALENT SEALANT APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.



EST 1935

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STARK WILSON DUNCAN ARCHITECTS INC.
315 NICHOLS RD, STE 228 - KANSAS CITY, MO 64112 - T 816.531.1988 F 816.531.1978



OFFICE BUILDING
MPE ROOF PLAN

ISSUE DATE:
OCTOBER 18, 2019

REVISIONS:



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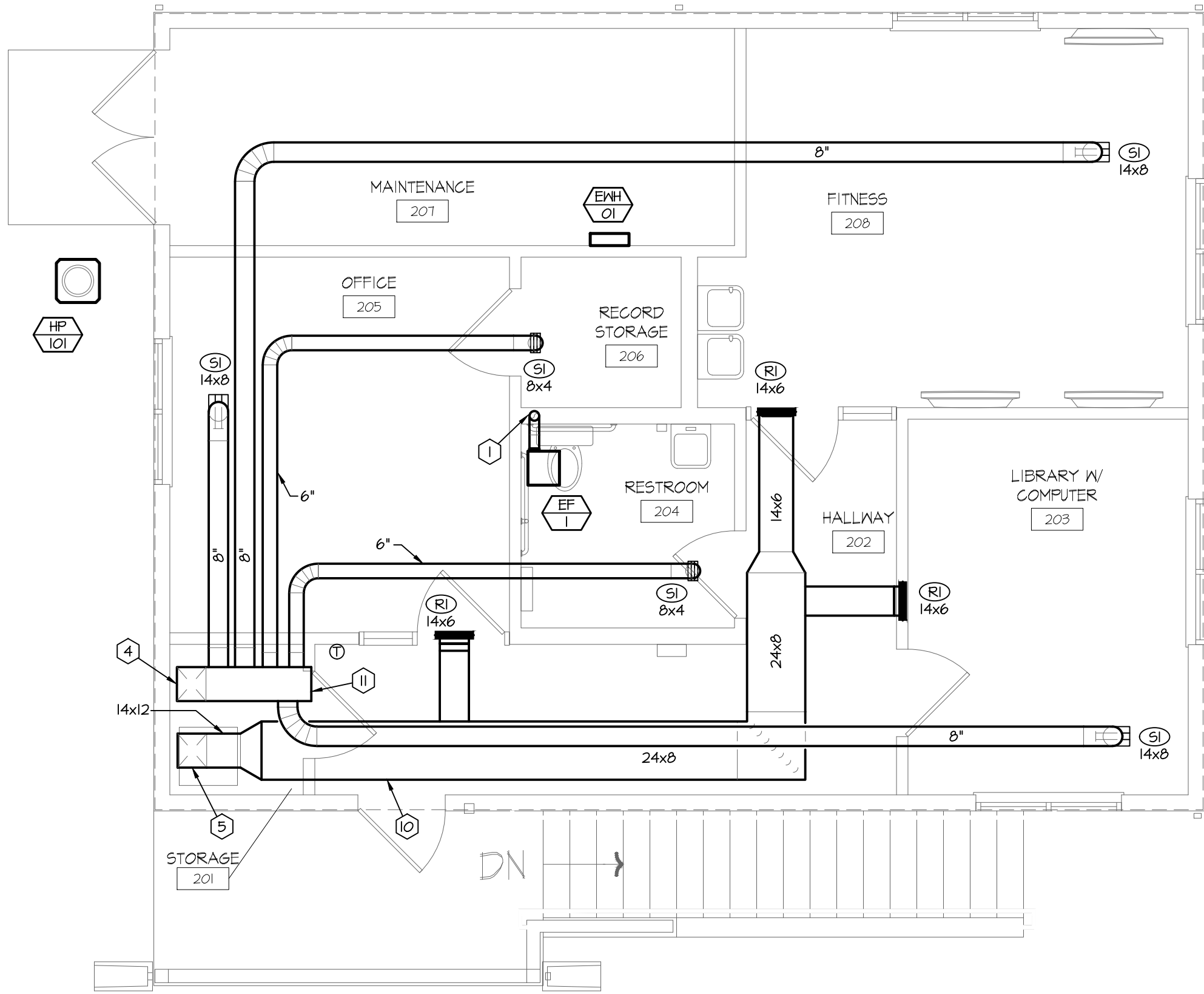
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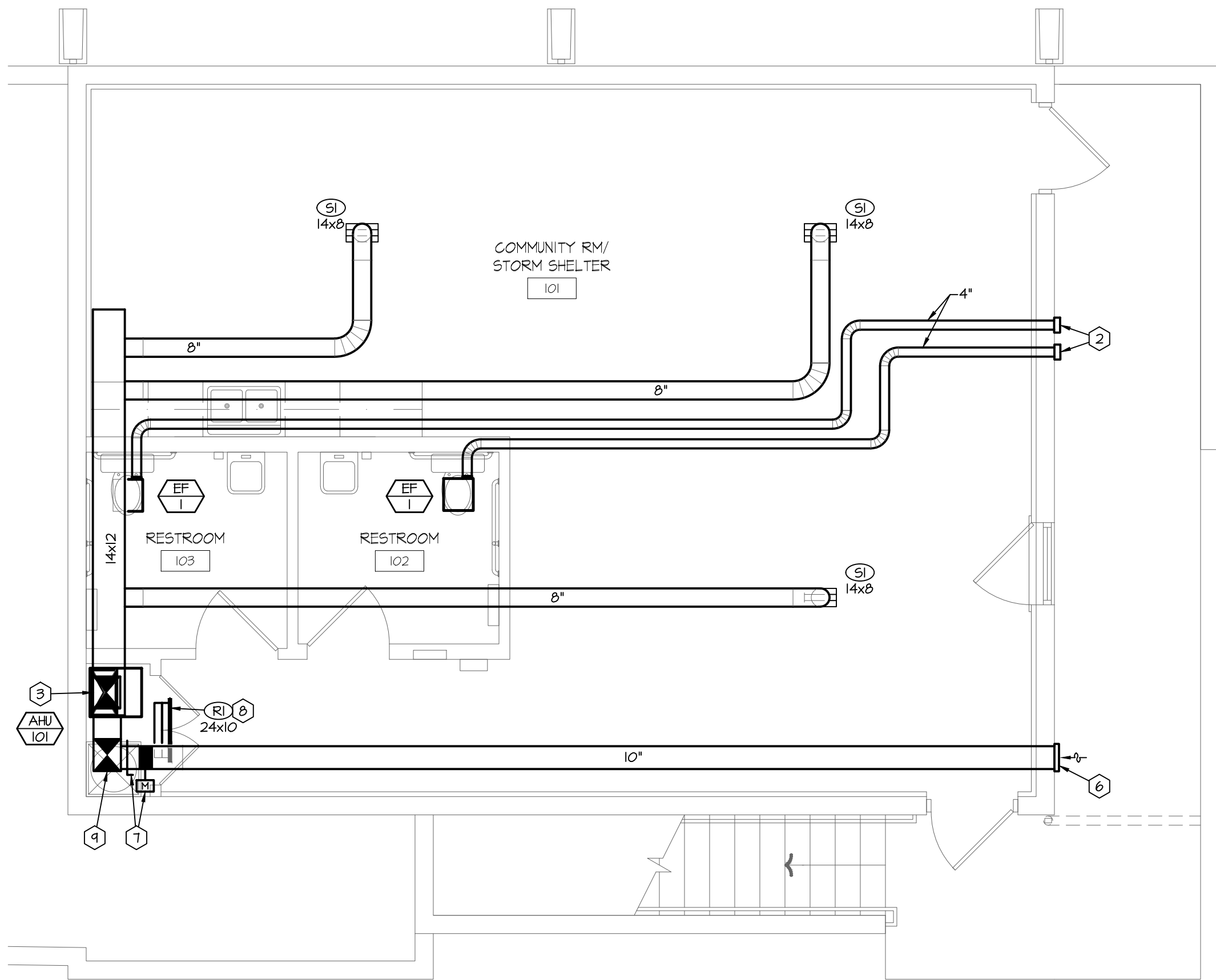
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02 OFFICE BUILDING MECHANICAL PLAN - FIRST FLOOR
SCALE: 1/4" = 1'-0"



01 OFFICE BUILDING MECHANICAL PLAN - BASEMENT
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL EXTENT OF THE WORK. PROVIDE SHEET METAL SYSTEMS COMPLETE AND PER APPLICABLE CODES INCLUDING ALL NECESSARY OFFSETS, FITTINGS AND SPECIAL RADIUS OR MITRED ELBOWS WHICH ARE REQUIRED DUE TO SPACE CONSTRAINTS OR OTHER CONDITIONS.
- COORDINATE THE INSTALLATION OF THE DUCTWORK AND EQUIPMENT WITH THE WORK OF ALL OTHER TRADES. VERIFY ALL CLEARANCES PRIOR TO THE FABRICATION OF ANY SYSTEM COMPONENTS.
- DUCTWORK SHALL NOT BE LOCATED OVER ELECTRICAL EQUIPMENT OR PANELS. PROVIDE THE CODE REQUIRED WORKING CLEARANCE AROUND ALL ELECTRICAL EQUIPMENT AND PANELS.
- PROVIDE ALL MISCELLANEOUS SUPPORTING STEEL, ETC., FOR THE PROPER INSTALLATION OF ALL MECHANICAL SYSTEMS.
- COORDINATE FLOOR, WALL, ROOF PENETRATIONS, LOUVER SIZES, PAD LOCATIONS, ETC. WITH THE ARCHITECTURAL TRADES.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND WALL ELEVATIONS FOR EXACT LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.
- DUCTWORK UPSTREAM OF SUPPLY TERMINAL UNITS SHALL BE BOX INLET SIZE UNLESS NOTED OTHERWISE. PROVIDE STRAIGHT DUCT AT TERMINAL INLET. STRAIGHT DUCT LENGTH SHALL BE A MINIMUM OF 1 1/2 TIMES THE DIAMETER OF THE INLET DUCT, OR GREATER AS RECOMMENDED BY MANUFACTURER.
- DUCTWORK DOWNSTREAM OF SUPPLY TERMINAL UNITS SHALL BE BOX OUTLET SIZE UNLESS NOTED OTHERWISE.
- BRANCH DUCTWORK TO DIFFUSERS, REGISTERS OR GRILLES SHALL BE NECK SIZE UNLESS NOTED OTHERWISE.
- ALL DUCTWORK DIMENSIONS INDICATE THE INSIDE CLEAR DIMENSION.
- PROVIDE ACCESS DOORS IN HARD CEILING AREAS FOR ACCESS TO TERMINAL UNITS, BALANCING DAMPERS, TERMINAL UNIT HEATING COIL PIPING, ETC. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES. COORDINATE WITH THE ARCHITECTURAL TRADES.

PLAN NOTES:

- 4" EXHAUST UP THRU ROOF.
- 4" BATHROOM EXHAUST VENT. ROUTE TO EXTERIOR WALL AND PROVIDE WALL CAP (TYP.). TERMINATION SHALL BE EQUIPPED WITH BACKDRAFT DAMPER. MAINTAIN 3 FOOT CLEARANCE ABOVE OPERABLE WINDOWS. REFER TO DETAIL ON SHEET 0 M4.I.
- 14x12 SUPPLY DUCT UP TO SERVE FIRST FLOOR. SEE STRUCTURAL DRAWINGS FOR PENETRATION REQUIREMENTS.
- 14x12 SUPPLY DUCT DOWN. SEE STRUCTURAL DRAWINGS FOR PENETRATION REQUIREMENTS.
- 14x12 RETURN DUCT DOWN. SEE STRUCTURAL DRAWINGS FOR PENETRATION REQUIREMENTS.
- PROVIDE 10" WALL CAP FOR OUTSIDE AIR INTAKE. PROVIDE WITH BIRDSGREEN.
- PROVIDE MOTORIZED DAMPER AND BALANCE OUTSIDE AIR DAMPER TO 300 CFM. OUTSIDE AIR MOTORIZED DAMPER TO BE INTERLOCKED WITH AIR HANDLING UNIT. DAMPER SHALL OPEN WHEN UNIT IS ENERGIZED AND CLOSE WHEN UNIT IS OFF.
- INSTALL RETURN GRILLE CENTERED ABOVE CLOSET DOOR.
- 14x12 RETURN DUCT UP TO FIRST FLOOR.
- RETURN DUCT LOCATED ABOVE CORRIDOR CEILING AND BELOW ATTIC SPACE.
- SUPPLY DUCT LOCATED ABOVE CEILING IN ATTIC SPACE.

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OFFICE BUILDING
MECHANICAL PLAN

ISSUE DATE:
OCTOBER 18, 2019

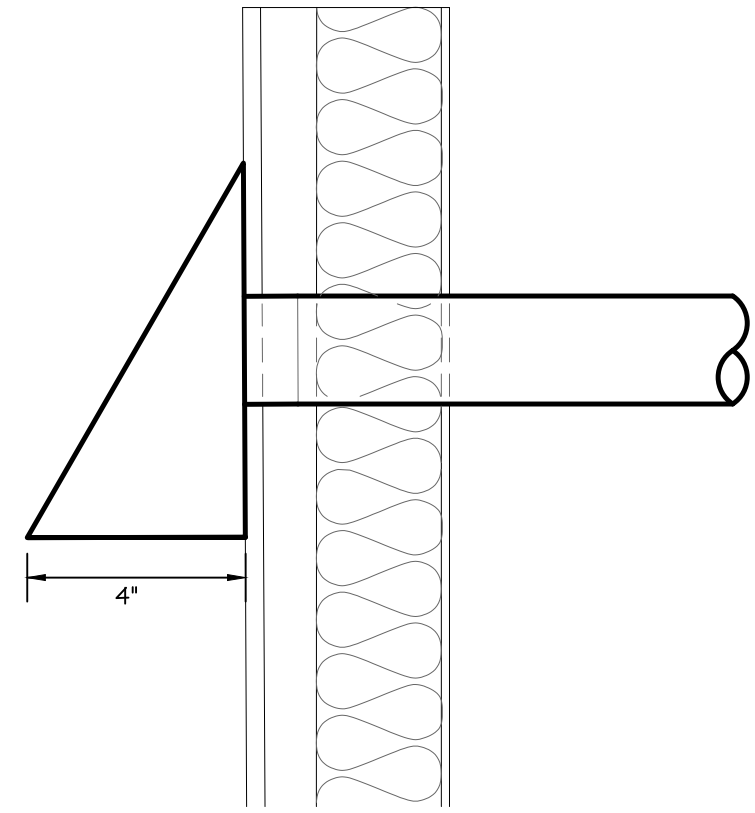
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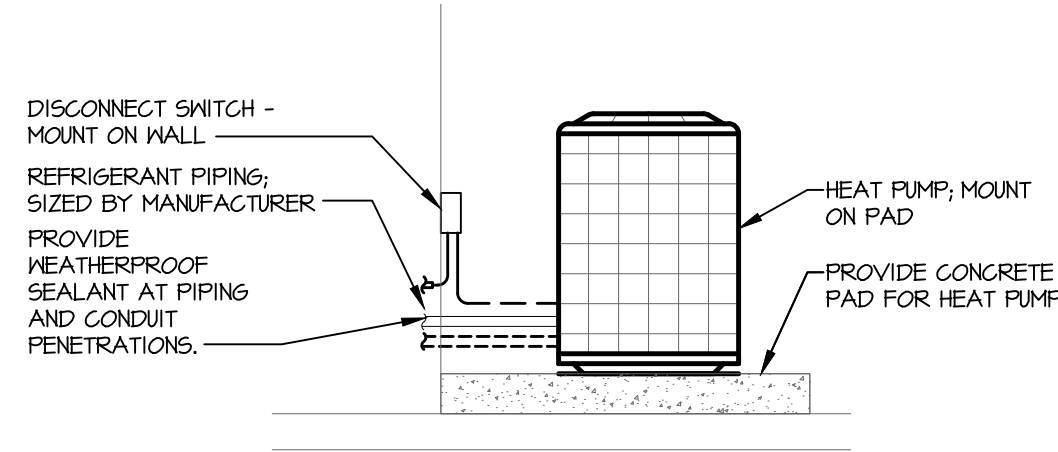
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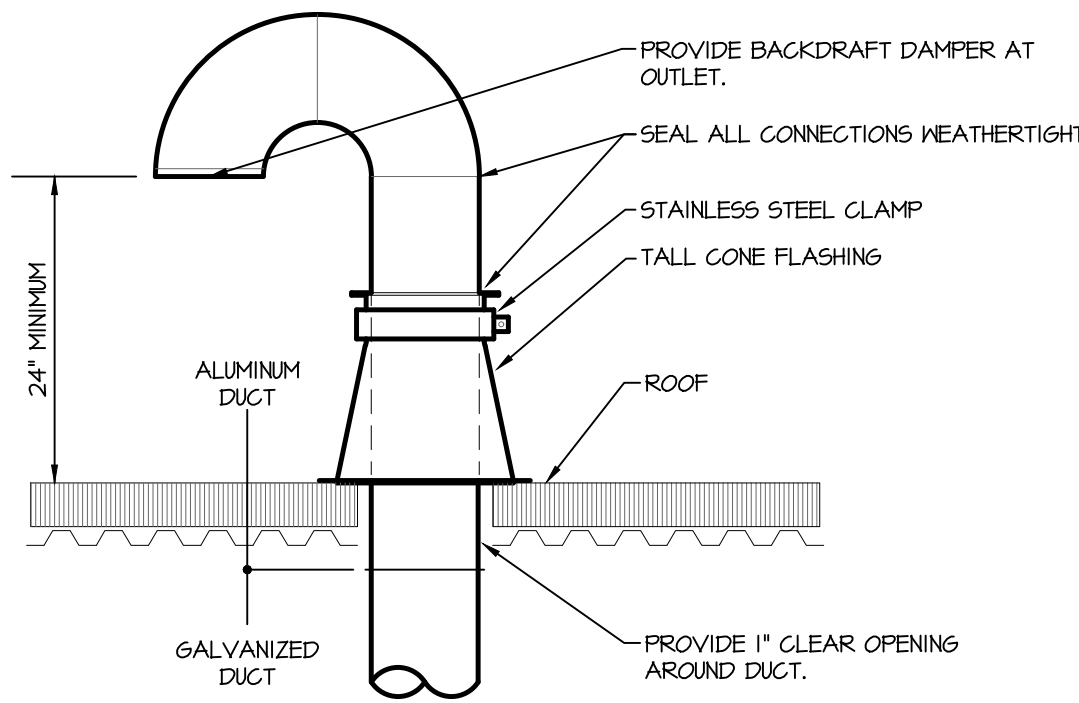


- NOTES:
1. DUCT SIZES SHALL BE AS INDICATED ON THE PLANS.
 2. PROVIDE SIDING AND FLASHING PER ARCHITECTURAL AND/OR SIDING MANUFACTURER'S REQUIREMENTS.
 3. USE POP RIVETS ON ALL DRYER VENT. SHEETMETAL SCREWS ARE NOT ACCEPTABLE.
 4. THE MALE END OF THE DUCT AT OVERLAPPED DUCT JOINTS SHALL EXTEND IN THE DIRECTION OF AIRFLOW.
 5. ALL WALL CAPS TO BE PAINTABLE.
 6. PROVIDE BUG SCREENS FOR BATHROOM EXHAUST.
 7. PROVIDE BACKDRAFT DAMPERS FOR BATHROOM EXHAUST AND DRYER EXHAUST.

6 Exterior Wall Bathroom Exhaust Detail
Scale: Not to Scale

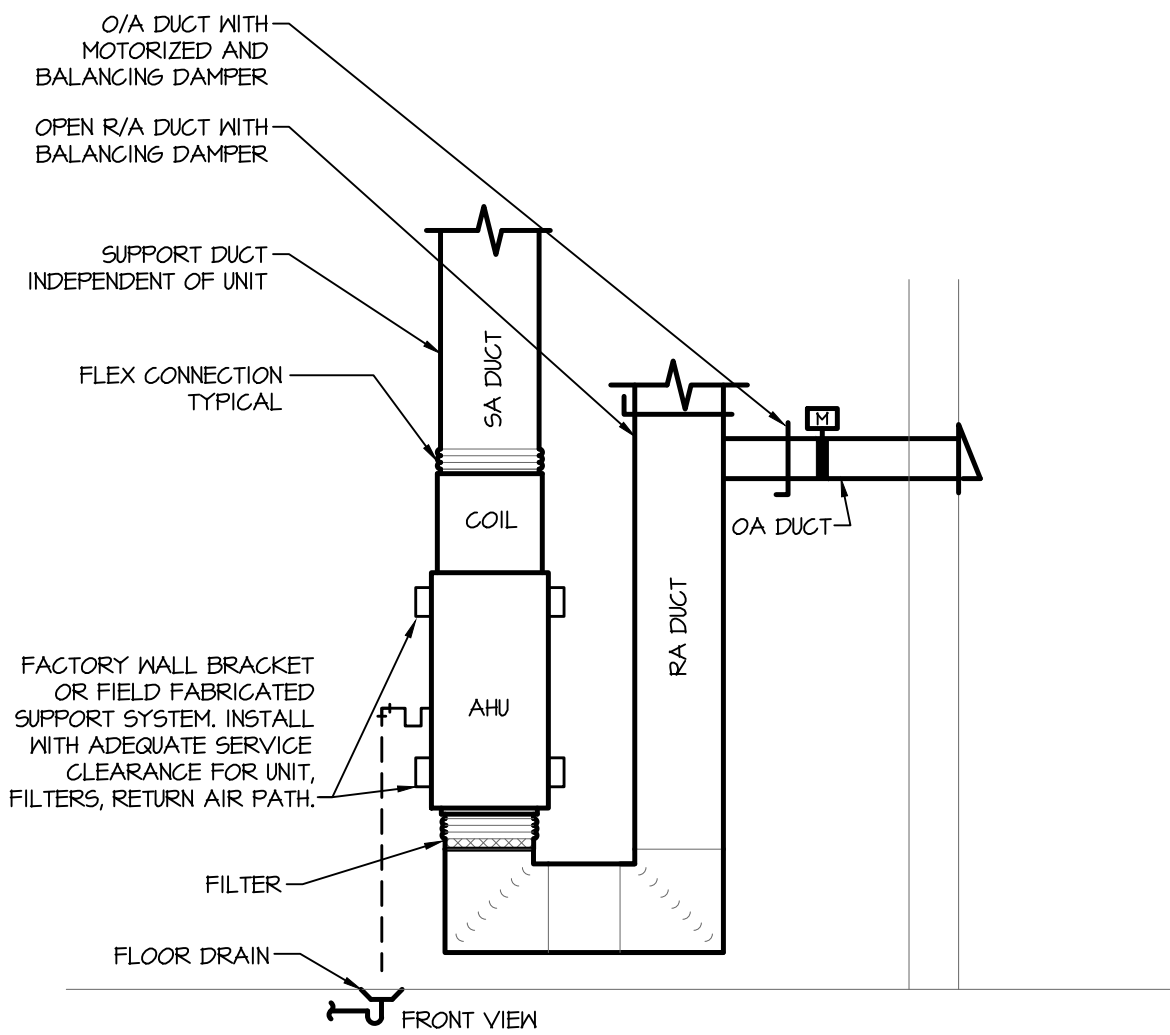


3 Heat Pump Mounting Detail
Scale: Not to Scale

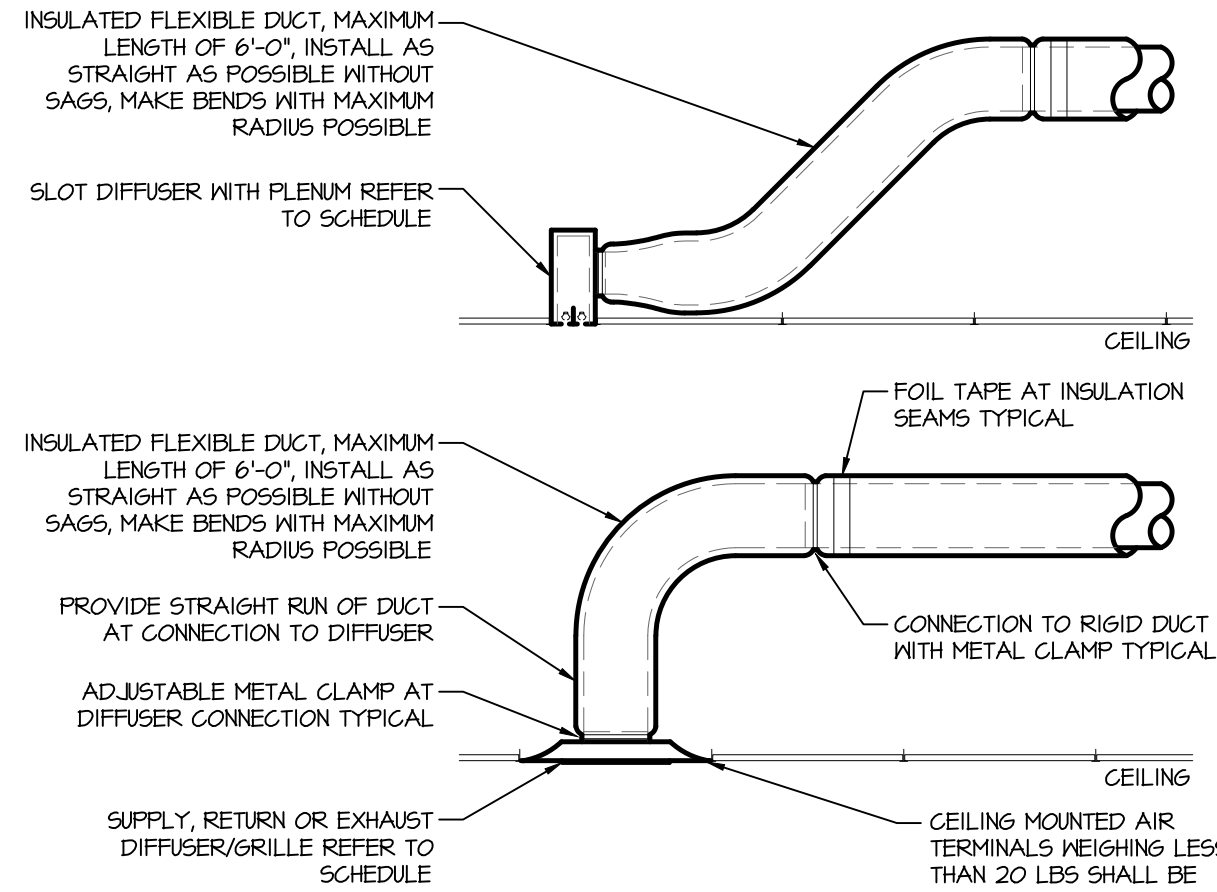


- NOTES:
1. DUCT SIZES SHALL BE AS INDICATED ON THE PLANS.
 2. PROVIDE ROOFING AND FLASHING PER ARCHITECTURAL AND/OR ROOF MANUFACTURER'S REQUIREMENTS.

5 Round Intake or Exhaust Gooseneck
Scale: Not to Scale

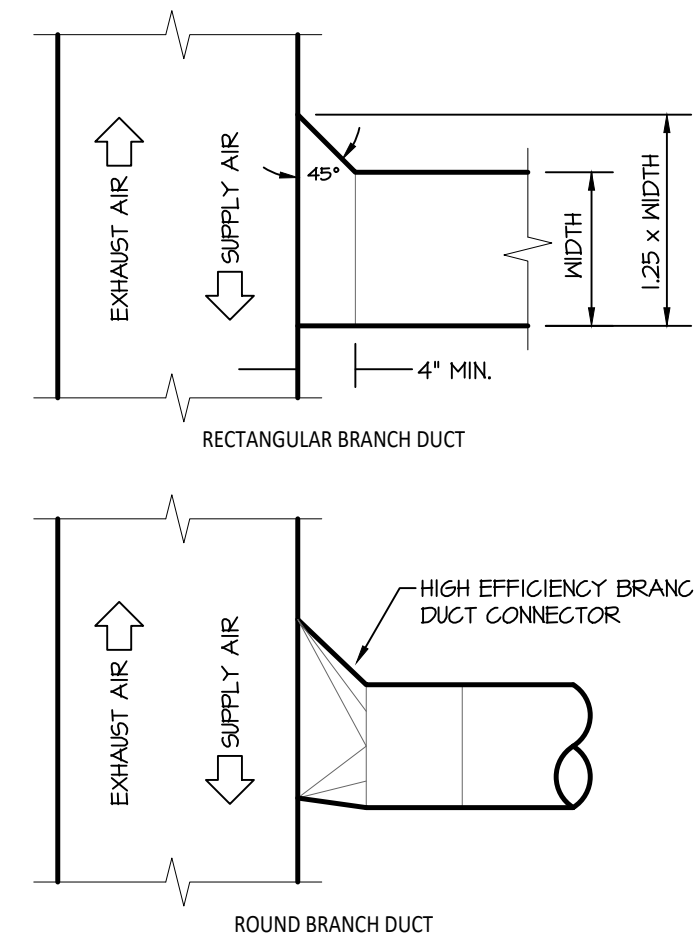


4 Office Space AHU Detail
Scale: Not to Scale



- NOTES:
1. DUCT AND DIFFUSER SIZES SHALL BE AS INDICATED ON THE PLANS.
 2. SUPPORT DUCTWORK PER SPECIFICATIONS.
 3. COORDINATE CEILING TYPES WITH ARCHITECTURAL PLANS.

2 Diffuser Connection Detail
Scale: Not to Scale



- NOTES:
1. SUPPLY, RETURN AND EXHAUST FITTINGS ARE SIMILAR, ONLY DIRECTION OF AIRFLOW CHANGES.
 2. REFER TO FLOOR PLANS FOR BRANCH LOCATIONS REQUIRING BALANCING DAMPERS.

1 Branch Duct Detail
Scale: Not to Scale

AIR HANDLING UNIT AND HEAT PUMP SCHEDULE

AIR HANDLING UNIT														HEAT PUMP						
MARK	MANUFACTURER	MODEL	MIN OA CFM	COOL MBH	COOLING FAN CFM	ESP	HEATING COIL MODEL	NOM.	OUT	MCA	MOCP	V/PH	MARK	MODEL	SEER	MCA	MOCP	V/PH	NOTES	
AHU-101	GOODMAN	MBR1600		48.0	1,600	0.50	HKR-15	15.0	13.0	53	60	208/1	HP-101	65Z14-048	14.0	24.4	40	208/1	1,2,3,4	
NOTES: 1. PROVIDE 3/4" CONDENSATE DRAIN LINE WITH 2" DEEP TRAP. ROUTE TO ADJACENT FLOOR DRAIN. 2. PROVIDE AHU WITH WALL HANGING BRACKET BY UNIT MANUFACTURER OR FIELD FABRICATE. 3. PROVIDE AHU WITH INTEGRAL DISCONNECT SWITCH. 4. PROVIDE PROGRAMMABLE THERMOSTAT TYPICAL OF HONEYWELL VISION PRO 8000.																				
GENERAL NOTES: A. CHANGE FILTER AFTER UNIT START-UP, DURING FINISH WORK AND FINAL PUNCH. DO NOT OPERATE UNITS DURING DRYWALL SANDING. B. PROVIDE A SECONDARY DRAIN PAN FOR ALL COOLING COILS AND ROUTE 3/4" CONDENSATE LINE TO ADJACENT FLOOR DRAIN, INDEPENDENT OF PRIMARY CONDENSATE DRAIN. C. UNIT MANUFACTURER SHALL MAKE COOLING COIL SELECTION. UNIT MANUFACTURER AND INSTALLING CONTRACTOR SHALL SIZE REFRIGERANT PIPING FOR THE FINAL FIELD ROUTING, ELEVATION CHANGES AND CONDENSER LOCATIONS. PROVIDE TRAPS INCLUDING INVERTED LIQUID OIL TRAP AT INDOOR EVAPORATOR COIL, TXV, ADDITIONAL REFRIGERANT, LOW VOLTAGE STARTER KIT, OFF CYCLE TIMER, CRANKCASE HEATER AND ACCUMULATOR AS REQUIRED FOR PROPER OPERATION OF THE SYSTEM. D. PROVIDE A MINIMUM 3/8" LIQUID REFRIGERANT LINES ON ALL SYSTEMS. E. COOLING LOADS BASED ON 105 DEGREES F AMBIENT TEMPERATURE. F. COOLING MBH INDICATES THE MINIMUM NET COOLING MBH REQUIRED FROM UNIT AT CFM LISTED IN SCHEDULE. G. KW OUT INDICATES THE MINIMUM NET HEATING KW REQUIRED FROM UNIT. H. MAXIMUM LINE LENGTH PER MANUFACTURERS REQUIREMENTS. I. AIR HANDLER COILS SHALL BE ALUMINUM.																				

GRILLE, REGISTER, & DIFFUSER SCHEDULE

MARK	MANUFACTURER	MODEL	SERVICE	FACE SIZE	NECK SIZE	DAMPER	NOTES
SI	US AIRE	102M	SUPPLY	"SEE PLAN"	"SEE PLAN"	YES	
RI	US AIRE	1400	RETURN	"SEE PLAN"	-	YES	
NOTES: GENERAL NOTES (APPLY TO ALL ABOVE): A. PROVIDE MOUNTING FRAME TO MATCH CEILING TYPE. VERIFY WITH ARCHITECT'S PLANS PRIOR TO ORDERING. B. MAXIMUM NG OF 30 FOR ALL GRILLES, REGISTERS, AND DIFFUSERS. C. WHERE NOT NOTED, DIFFUSER NECK SIZE SHALL BE THE SAME AS THE BRANCH DUCT SIZE. D. UNLESS NOTED OTHERWISE, COLOR SHALL BE STANDARD WHITE. E. FOUR-WAY THROW PATTERN FOR SQUARE DIFFUSERS UNLESS NOTED OTHERWISE.							

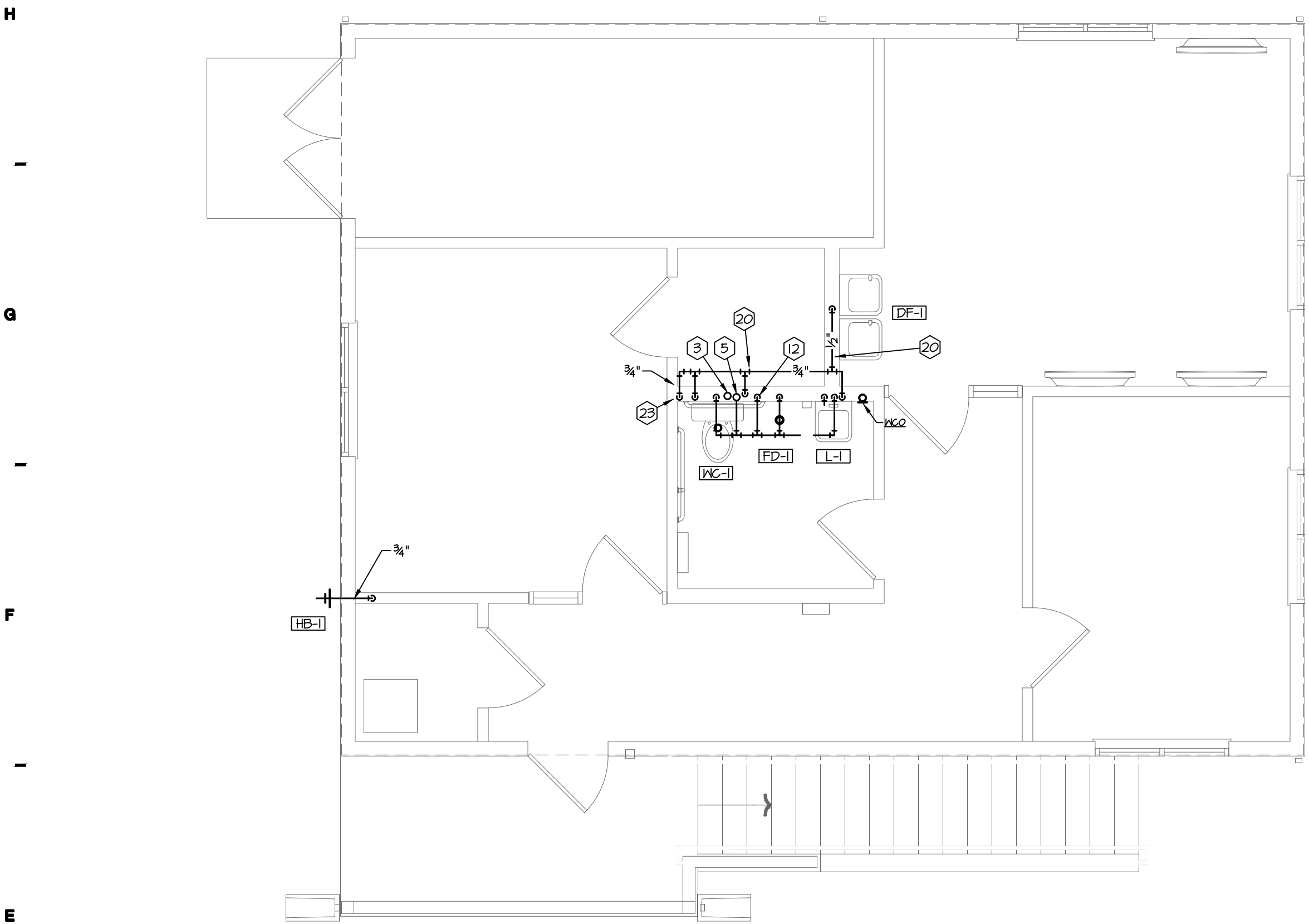
FAN SCHEDULE

MARK	MANUFACTURER	MODEL	CFM	S.P.	DRIVE	BHP	HP	RPM	dBA	V/PH	NOTES
EF-1	BROAN	AEB0L	50	0.25	DIRECT	26.9 W	--	-	28	120/1	1, 2
NOTES: 1. PROVIDE WITH FACTORY INSTALLED AND WIRED DISCONNECT. 2. PROVIDE WITH BROAN RDM1 RADIATION DAMPER.											

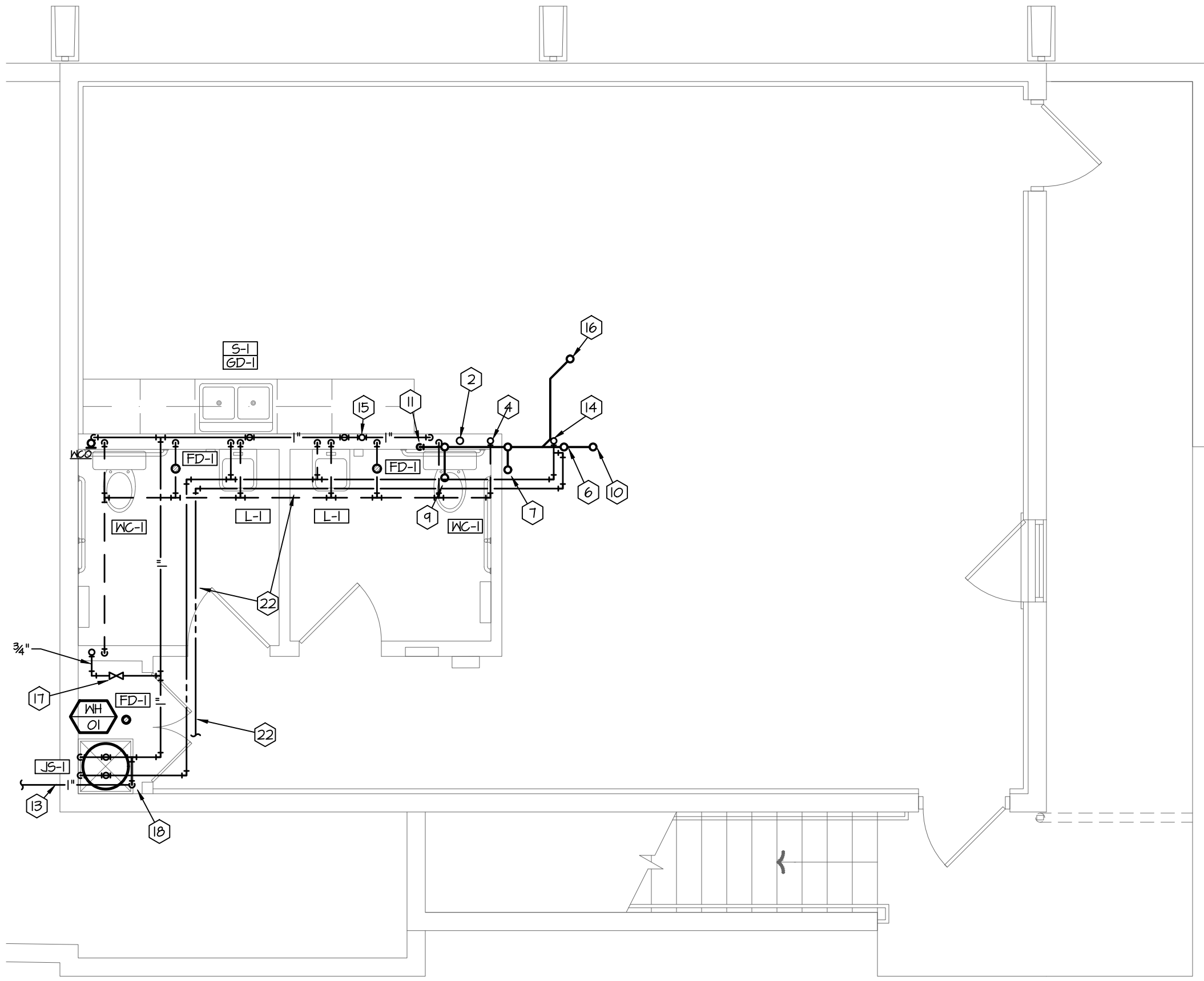
ELECTRIC WALL HEATER SCHEDULE

MARK	MANUFACTURER	MODEL	KW	V/PH	MCA	MOCP	NOTES
EW-01	Q-MARK	QNH350BF	4.8	208/1	28.8	30	1
NOTES: 1. PROVIDE WITH MANUFACTURER'S SURFACE MOUNTING FRAME. GENERAL NOTES (APPLY TO ALL ABOVE): A. PROVIDE WITH INTEGRAL THERMOSTAT AND DISCONNECTING MEANS							

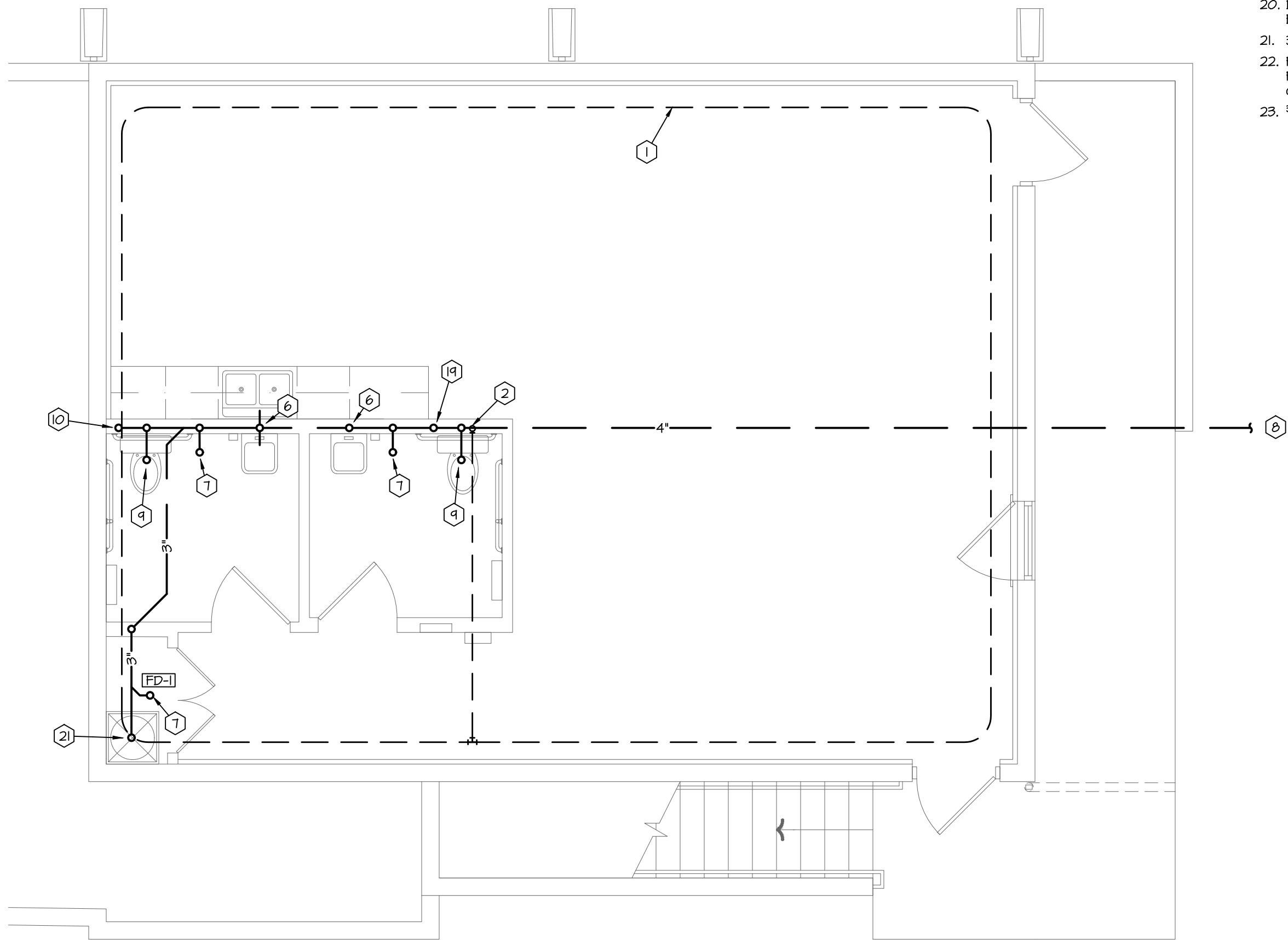
10 9 8 7 6 5 4 3 2 1



02 OFFICE BUILDING PLUMBING PLAN - FIRST FLOOR
SCALE: 1/4" = 1'-0"



01 OFFICE BUILDING PLUMBING PLAN - BASEMENT ABOVE GRADE
SCALE: 1/4" = 1'-0"



03 OFFICE BUILDING PLUMBING PLAN - BASEMENT BELOW GRADE
SCALE: 1/4" = 1'-0"

- GENERAL NOTES:**
- A. THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL EXTENT OF THE WORK. PROVIDE PLUMBING SYSTEMS COMPLETE AND PER APPLICABLE CODES INCLUDING ALL NECESSARY COMPONENTS AND OFFSETS WHICH ARE REQUIRED DUE TO SPACE CONSTRAINTS OR OTHER CONDITIONS.
 - B. REFER TO THE ARCHITECTURAL PLANS FOR THE EXACT LOCATIONS OF PLUMBING FIXTURES.
 - C. COORDINATE THE INSTALLATION OF PLUMBING AND PIPING WITH THE WORK OF ALL OTHER TRADES.
 - D. WHERE WALL MOUNTED FLUSH VALVE SENSORS ARE USED, THE PLUMBING CONTRACTOR SHALL COORDINATE THE LOCATION OF THE SENSORS WITH THE ELECTRICAL AND ARCHITECTURAL TRADES TO AVOID CONFLICTS WITH GRAB BARS OR ANY OTHER ACCESSORIES.
 - E. PIPING SHALL NOT BE LOCATED OVER ELECTRICAL EQUIPMENT OR PANELS. PROVIDE THE CODE REQUIRED WORKING CLEARANCE AROUND ALL ELECTRICAL EQUIPMENT AND PANELS.
 - F. THE CONTRACTOR SHALL NOT LOCATE PIPING BELOW DUCT MOUNTED AIR TERMINAL UNITS, TERMINAL HEATING COILS, OR OTHER EQUIPMENT.
 - G. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL PLUMBING SYSTEMS.
 - H. COORDINATE THE SHUT DOWN OF ANY EXISTING SERVICES AND/OR EQUIPMENT WITH THE OWNER'S REPRESENTATIVE.
 - I. PLUMBING VENT PIPING THROUGH THE ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" AWAY FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 10' CLEAR FROM THE INSIDE FACE OF THE PARAPET.
 - J. PROVIDE THE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
 - K. MINIMUM UNDERGROUND PIPE SIZE SHALL BE 2".
 - L. ***FOR JOHNSON COUNTY PROJECTS ONLY*** ALL EXTERIOR SANITARY SEWER PLUMBING FROM THE BUILDING FOUNDATION TO THE CONNECTION POINT SHALL MEET JOHNSON COUNTY WASTEWATER (JCW) STANDARDS AND REQUIREMENTS AND ALSO, SHALL BE INSPECTED BY A JCW INSPECTOR.

- PLAN NOTES:**
- 1. 4" PERFORATED PVC PIPING INSTALLED IN CENTER OF GRAVEL LAYER FOR RADON CONTROL SYSTEM. INSTALL RADON CONTROL SYSTEM IN ACCORDANCE WITH ICC IRC 2015 APPENDIX F.
 - 2. 3" PVC PIPE UP FOR PASSIVE RADON CONTROL SYSTEM.
 - 3. 3" PVC RISER UP THRU ROOF FOR PASSIVE RADON SUPPRESSION SYSTEM.
 - 4. 2-1/2" VENT UP TO FIRST FLOOR.
 - 5. 3" VENT THRU ROOF.
 - 6. 2" WASTE UP TO LAVATORY/SINK.
 - 7. 2" TRAPPED WASTE UP TO FLOOR DRAIN.
 - 8. REFER TO MPE SITE PLAN FOR CONTINUATION.
 - 9. 3" WASTE UP TO WATER CLOSET.
 - 10. 3" WASTE UP TO WALL CLEANOUT.
 - 11. 3" WASTE PIPE DOWN TO BASEMENT.
 - 12. 2-1/2" VENT UP FROM BASEMENT.
 - 13. 1" DOMESTIC WATER SERVICE ENTRANCE. SEE MPE SITE PLAN FOR CONTINUATION.
 - 14. 1/2" HOT WATER UP TO SERVE FIRST FLOOR LAVATORY.
 - 15. 3/4" COLD WATER UP TO SERVE FIXTURES ON THE FIRST FLOOR.
 - 16. 2" WASTE UP TO DF-1.
 - 17. 3/4" COLD WATER TO HOSE BIBB. PROVIDE ACCESSIBLE SHUTOFF VALVE OR ACCESS PANEL.
 - 18. INSTALL 1" VERTICAL BACKFLOW PREVENTER MEETING WATER DEPARTMENT REQUIREMENTS IN ACCESSIBLE LOCATION.
 - 19. 3" WASTE DOWN FROM FIRST FLOOR FIXTURES.
 - 20. DOMESTIC WATER SERVING FIXTURES ON FIRST FLOOR SHALL BE ROUTED HORIZONTALLY IN WALL.
 - 21. 3" TRAPPED WASTE UP TO HOP SINK.
 - 22. PIPE ROUTING SHOWN FOR CLARIFICATION. CONCEAL ALL PIPING WHERE POSSIBLE IN CLOSET AND ABOVE BATHROOM CEILINGSS.
 - 23. 3/4" COLD WATER UP FROM BASEMENT.



ARCHITECTURAL CORPORATION
OKLAHOMA CERTIFICATE
OF AUTHORITY NO. CA 02479

TIMBER RIDGE COTTAGES
SECTION 8, TOWNSHIP 18, RANGE 15
BROKEN ARROW, WAGONER COUNTY, OKLAHOMA

STARK WILSON DUNCAN ARCHITECTS INC.
315 NICHOLS RD, STE 228 - KANSAS CITY, MO 64112 - T 816.531.1698 F 816.531.1978



OFFICE BUILDING
PLUMBING PLAN

ISSUE DATE:
OCTOBER 18, 2019

REVISIONS:



PROJECT NO.: 1902

OP1.1

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MARK	DESCRIPTION	MANUFACTURER	MODEL	TRIM	CW	HW	W	V	NOTES
WC-1	ADA FLOOR MOUNTED FLUSH TANK WATER CLOSET	AMERICAN STANDARD	215BA10#	ROUND BOWL CLOSED FRONT SEAT AND SOLID COVER, 120 GPF	1/2"	--	3"	2"	8
L-1	ADA WALL HUNG LAVATORY	AMERICAN STANDARD	356.041	WHITE MIXING VALVE MV-1 FAUCET: F-2	--	--	1-1/4"	1-1/2"	1, 2
S-1	DOUBLE BOWL 20 GAUGE DROP-IN	DAYTON	D5E23319	STAINLESS STEEL FAUCET: F-1	--	--	2"	1-1/2"	2
F-1	ADA SINGLE HANDLE HIGH ARC PULL DOWN KITCHEN FAUCET	KRAUS	KPF-2620	1.0 GPM AERATOR, SINGLE HOLE PULL-DOWN SPRAY, CHROME FINISH CUP STRAINER DRAIN	1/2"	1/2"	--	--	2, 8
F-2	ADA SINGLE HANDLE LAVATORY FAUCET	KOHLER	K-41282-4	0.5 GPM AERATOR SINGLE LEVER POLISHED CHROME	1/2"	1/2"	--	--	2, 8
HB-1	NON-FREEZE WALL HYDRANT	WOODFORD	MODEL 65	VACUUM BREAKER LOOSE CONTROL KEY WALL CLAMP-WITH HYDRANT BOX	1/2"	--	--	--	6
DF-1	WALL HUNG BI-LEVEL WATER COOLER	ELKAY	EZSTL8C	--	1/2"	--	2"	1-1/2"	8, 10
FD-1	7" ROUND FLOOR DRAIN	WADE	1100STD	NICKEL BRONZE STRAINER DEEP SEAL TRAP	--	--	--	--	4, 9
		ZURN	Z-415						
		SMITH	2005						
J5-1	MOLDED STONE JANITOR'S SINK	FIAT	M5B-2424	FAUCET F-3 5/5 BUMPERGUARDS 5/5 WALL GUARDS	--	--	3"	1-1/2"	
MV-1	MIXING VALVE THERMOSTATIC POINT-OF-USE	LEONARD	210-LF	0.25-12 GPM FLOW ASSE 1017 CERTIFIED LOW FLOW	1/2"	1/2"	--	--	4
		SYMONS							
		POYERS							
ET-1	EXPANSION TANK	AMTROL	THERM-X-TROL ST-5	WATER HEATER	--	3/4"	--	--	
RP-1	RECIRCULATION PUMP	TACO	2420	0167 HP, 120V STRAP-ON AQUASTAT 2 GPM, 40' HEAD	--	--	--	--	4
GD-1	GARBAGE DISPOSAL	INSINKERATOR	BADGER 5	1/3HP, 120V	--	--	--	--	

1. PROVIDE TAILPIECE DRAIN CONNECTION ON LAVATORIES OR SINKS WHERE NEEDED FOR HVAC CONDENSATE DRAINS.
2. FAUCET HOLES TO MATCH FAUCET SPECIFIED.
3. WHERE BOX IS TO BE INSTALLED IN FIRE RATED WALL, CONTRACTOR SHALL SUPPLY FIRE RATED BOXES.
4. PIPE SIZE AS SHOWN ON DRAWING.
5. PROVIDE WASHING MACHINE DRAIN PAN UNDERNEATH WASHING MACHINE AT ALL WASHING MACHINE BOX LOCATIONS.
6. PROVIDE OPERATING ROD ASSEMBLY PER MANUFACTURER'S RECOMMENDATIONS BASED ON WALL THICKNESS.
7. PIPE FOR SHOWER HEAD SHALL BE LOCATED AT 6'-8" A.F.F. ABOVE SURROUND
8. FIXTURE ASSEMBLY MUST BE APPROVED BY AND INSTALLED PER ADA.
9. PROVIDE SURESEAL 56X000V INLINE FLOOR DRAIN TRAP SEAL WITH ASSE 1072 RATING.
10. MOUNT WITH HANDIGAPPED RECEPTOR RIM 34" ABOVE FLOOR.

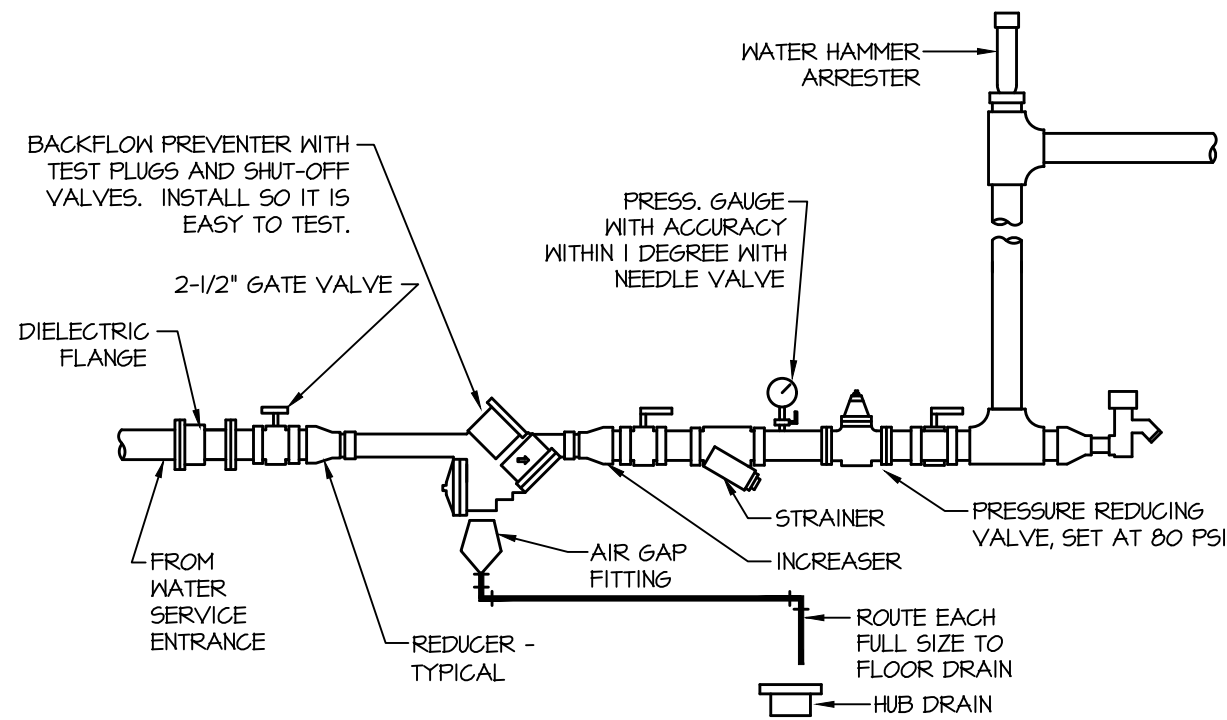
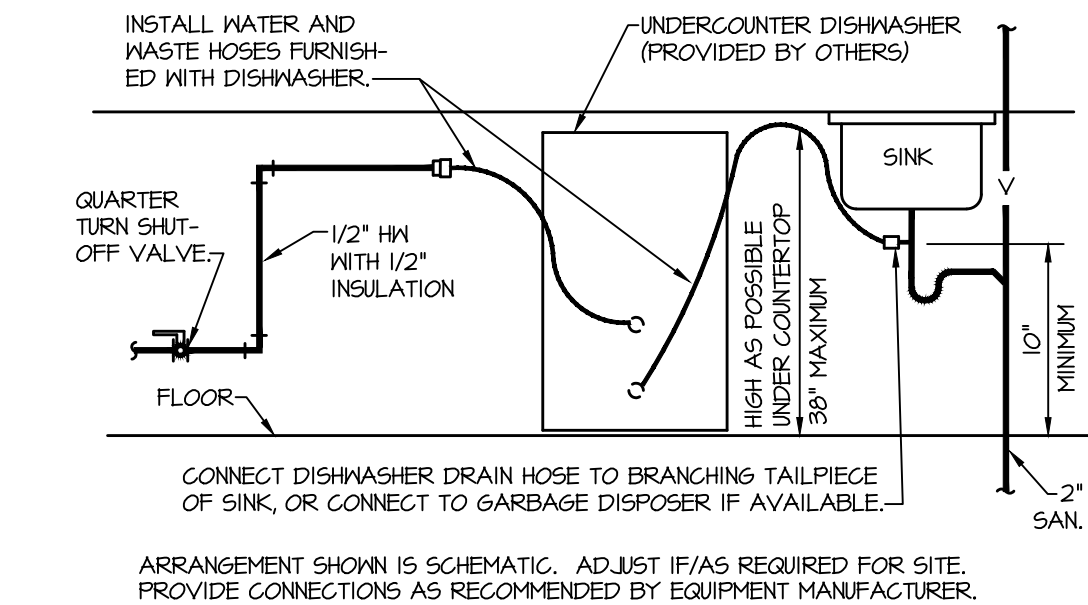
A. PROVIDE INSULATION KIT ON ALL ADA FIXTURES WITH EXPOSED TRAP AND SUPPLIES.

B. PROVIDE TAILPIECE DRAIN CONNECTION ON LAVATORIES OR SINKS WHERE NEEDED FOR HVAC CONDENSATE DRAINS.

MARK	MANUFACTURER	MODEL	CAPACITY (GAL)	INPUT (kW)	OUTPUT (kW)	RECOVERY (GPH)	V/PH	NOTES
WH-1	BRADFORD WHITE	RE240L6	38	4.5	-	21.0	208/1	RESIDENCE

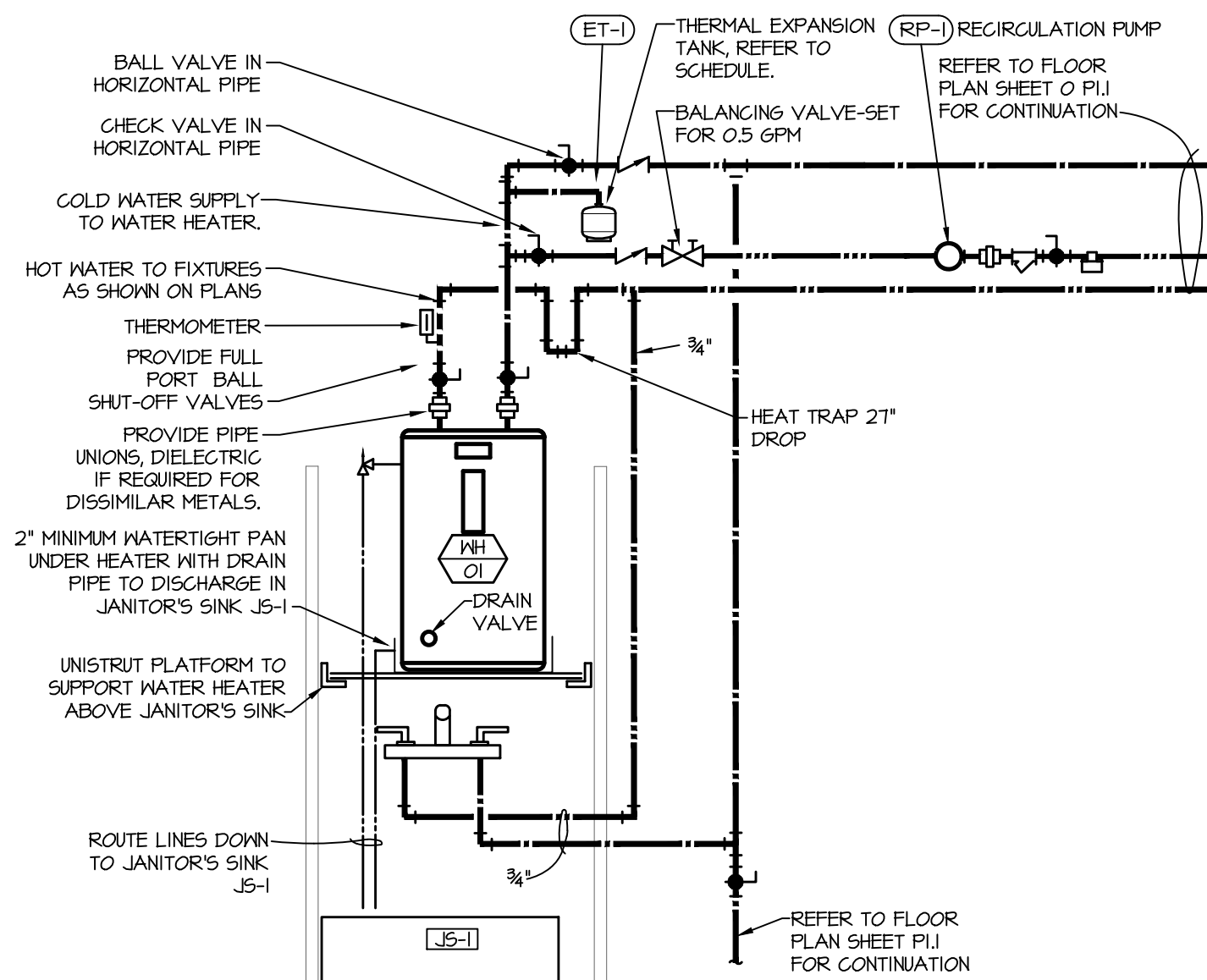
- A. PROVIDE ASME PRESSURE AND TEMPERATURE RELIEF VALVE.
- B. PROVIDE DIELECTRIC CONNECTIONS AT WATER HEATER.
- C. RECOVERY BASED ON 90 DEGREE TEMPERATURE RISE.

Scale: Not to Scale



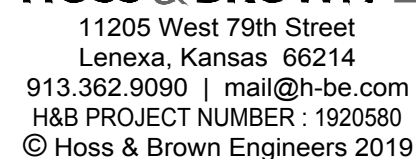
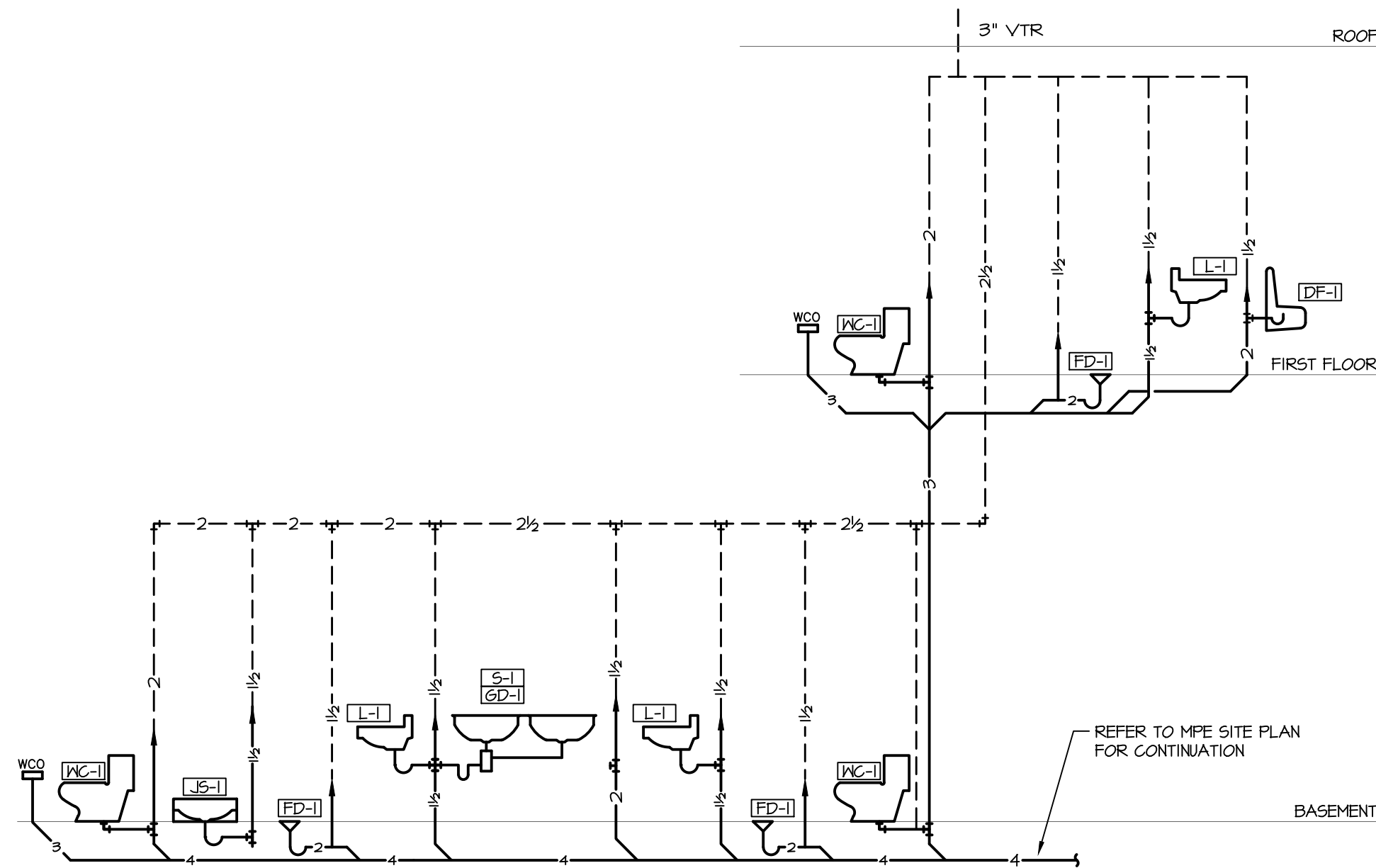
PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER OF TYPE AND MANUFACTURER AS APPROVED BY LOCAL AUTHORITIES. INSTALL BPF IN HORIZONTAL UPRIGHT POSITION, UNLESS NOTED OTHERWISE. STRAINER AND REDUCING VALVES MAY BE INSTALLED IN VERTICAL PIPE IF SPACE LIMITATIONS REQUIRE. CLEAN STRAINER BEFORE TURNING BUILDING OVER TO OWNER. PROVIDE ANY REQUIRED CERTIFICATION TEST OF BPF TO LOCAL AUTHORITIES. ALL ITEMS SHALL BE APPROVED FOR DOMESTIC WATER SERVICE. ARRANGEMENT SHOWN IS SCHEMATIC. MODIFY TO SUIT CONDITIONS. INSTALL BPF SO IT CAN BE EASILY SERVICED AND TESTED. SUPPORT ASSEMBLY FROM HALL BRACKET OR FLOOR STAND.

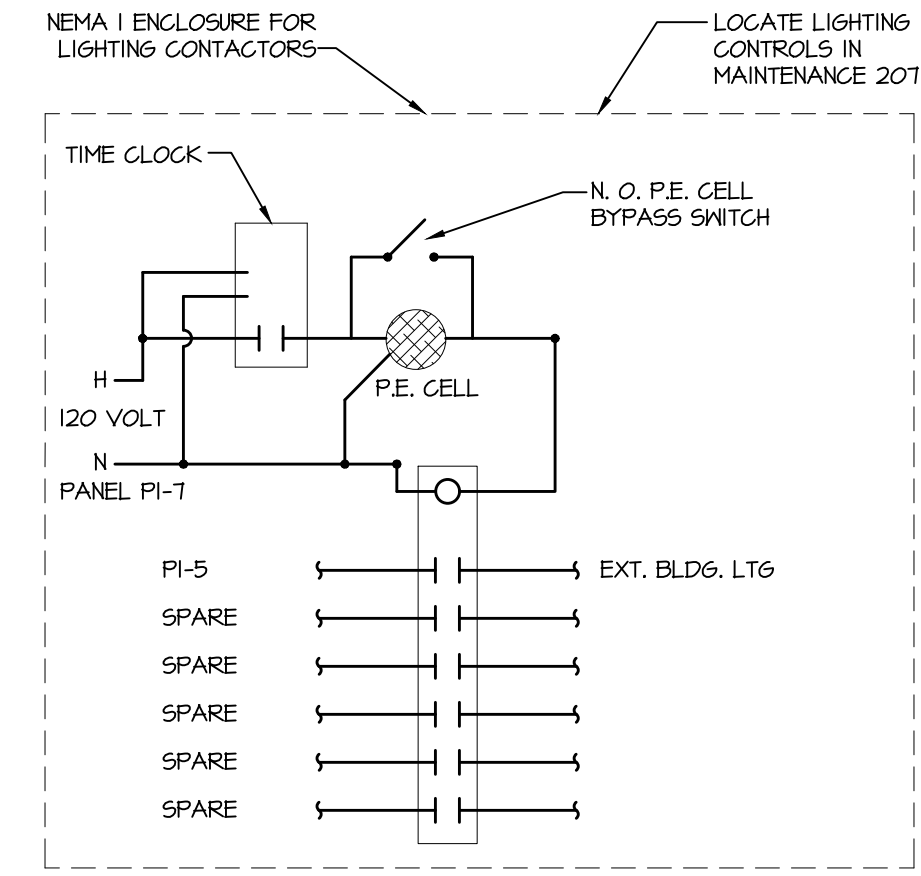
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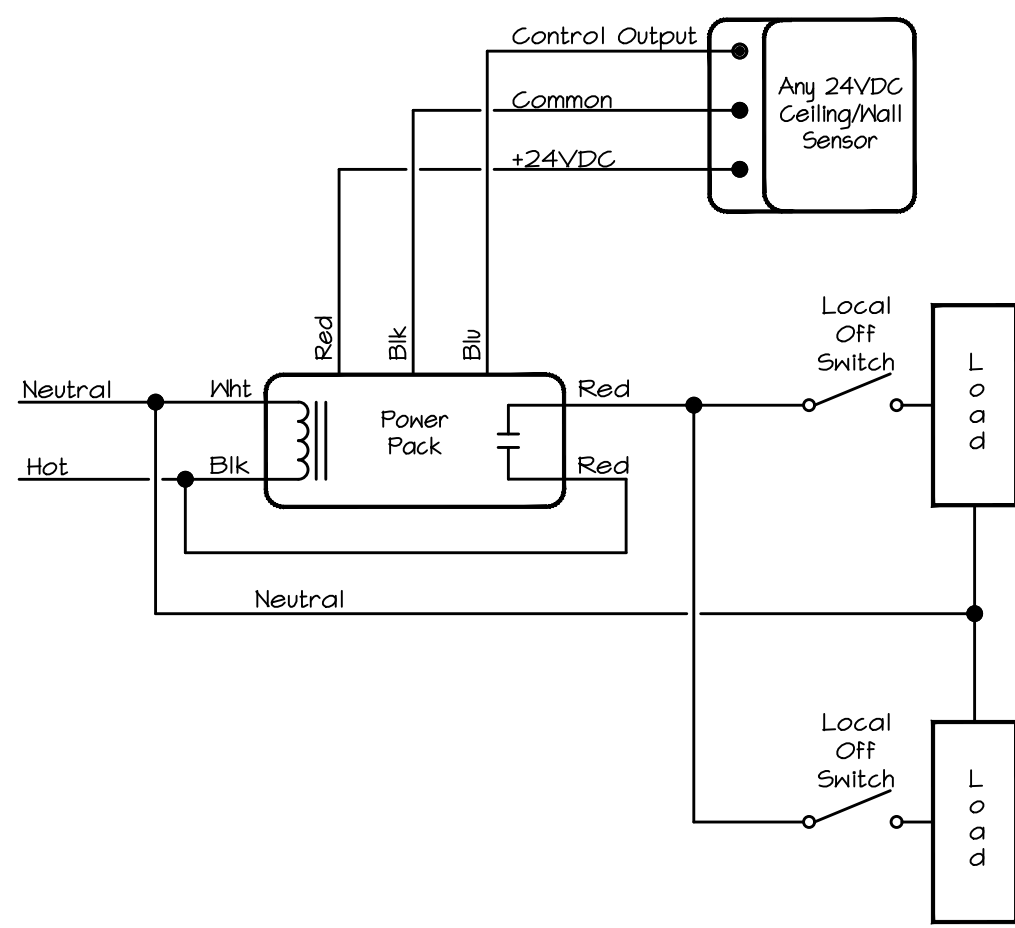
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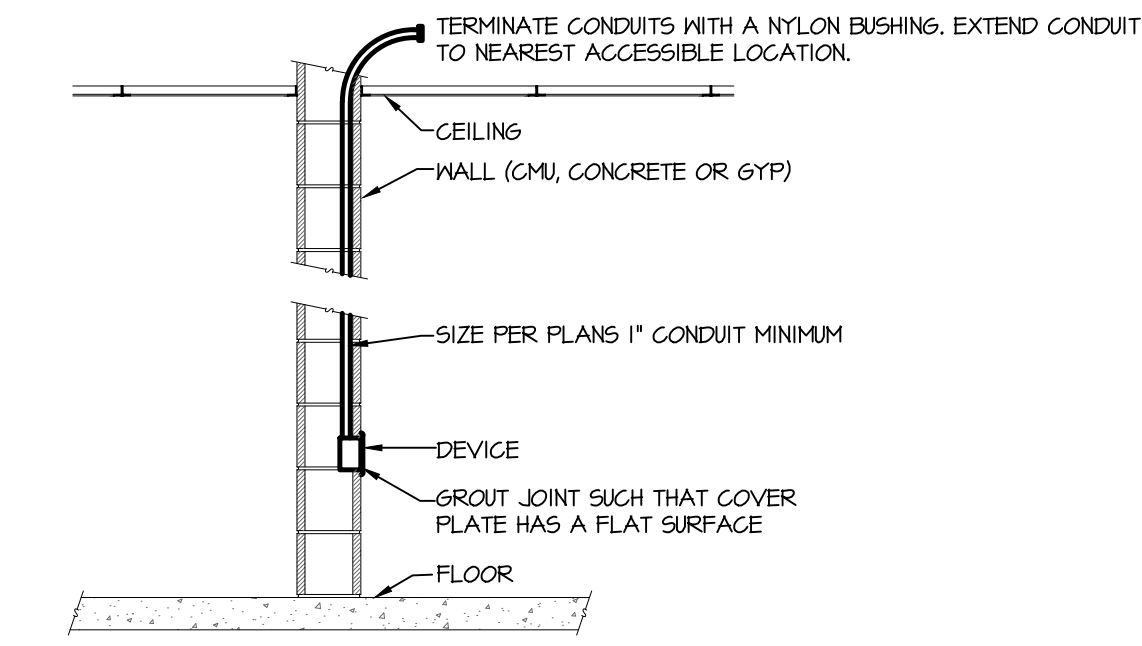




011 Exterior Building Mounted Lighting Control Schematic
Scale: Not to Scale

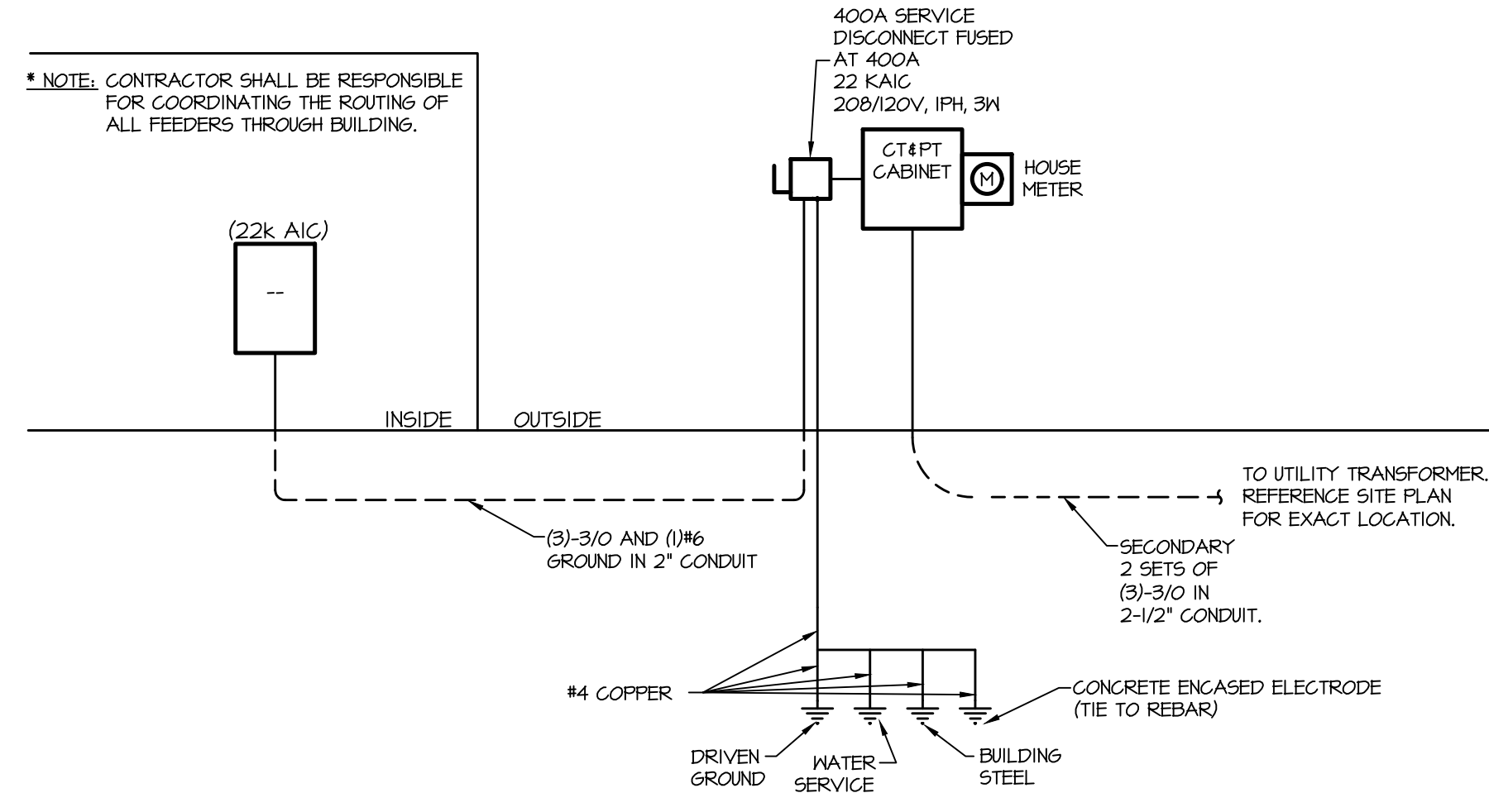


008 Ceiling Mounted Occupancy Sensor 24v Dual Level Switched Wiring Diagram
Scale: Not to Scale

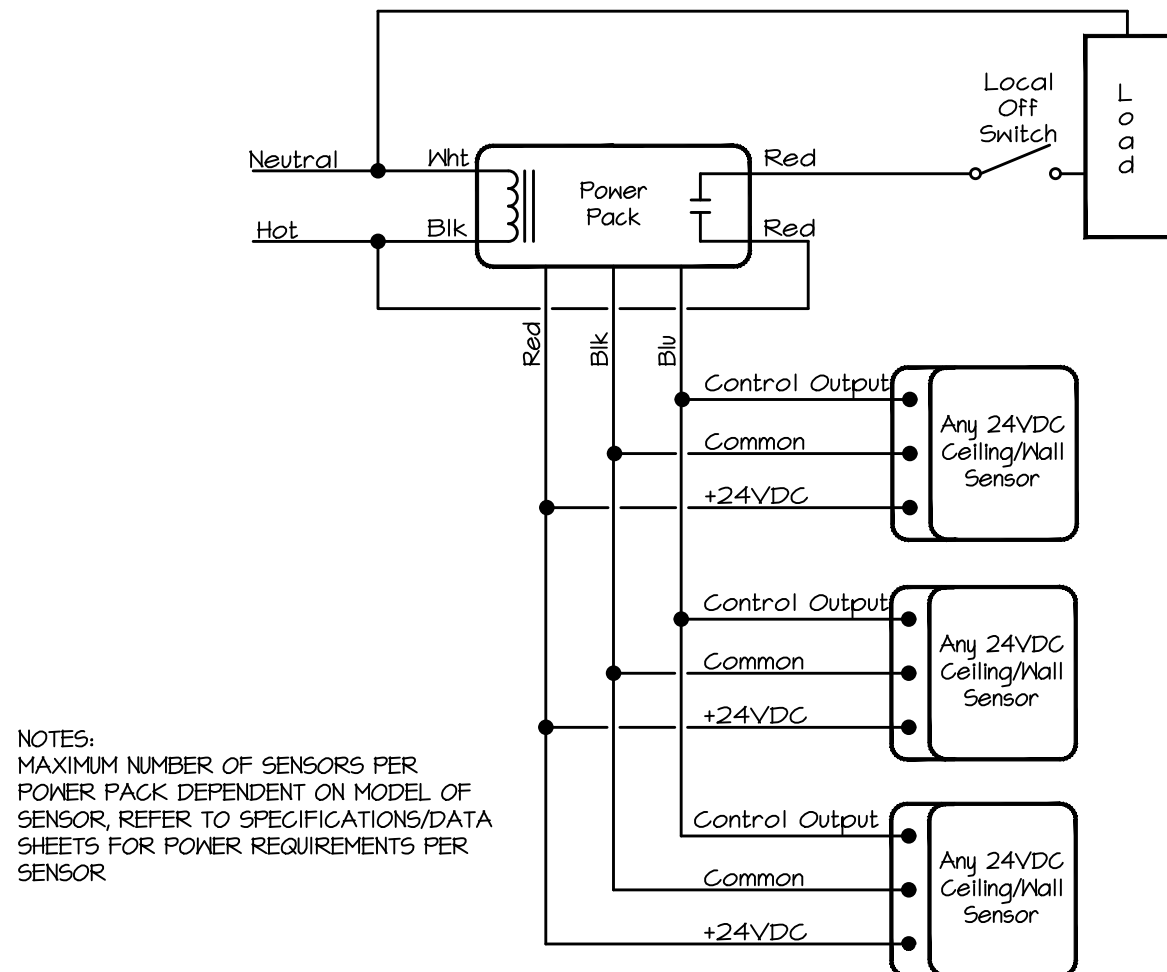


- NOTES:
1. DEVICE MOUNTED AT NORMAL RECEPTACLE HEIGHT UNLESS NOTED OTHERWISE. REFER TO PLANS FOR MOUNTING HEIGHTS.
 2. REFER TO SPECS FOR OTHER INSTALLATION REQUIREMENTS.

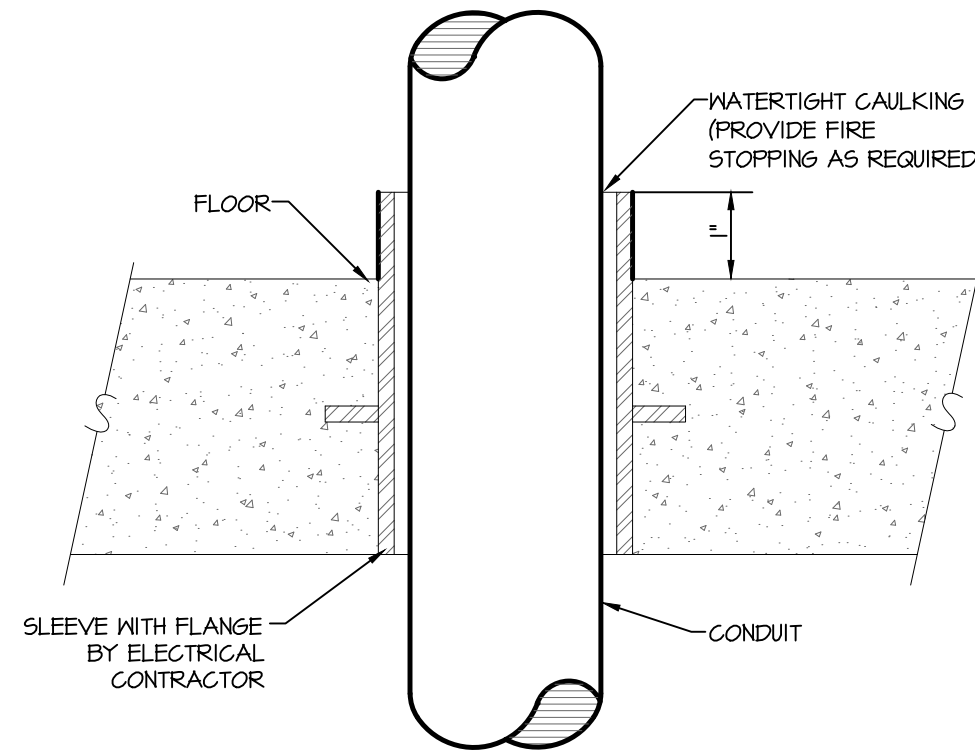
005 Data Conduit and Back Box
Scale: Not to Scale



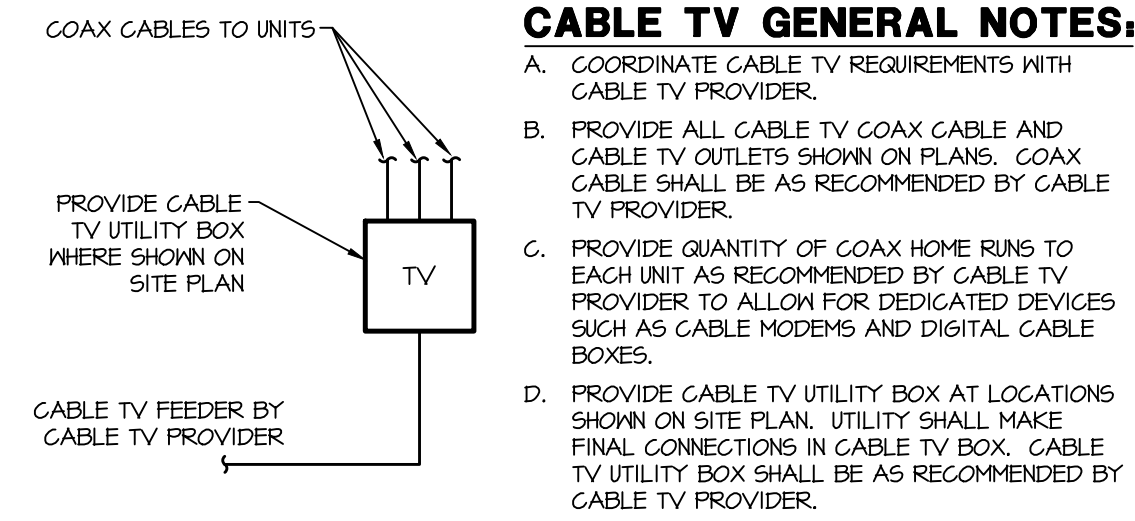
01 Community Building Electrical Riser Diagram
SCALE: NTS



009 Ceiling Mounted Occupancy Sensor 24v Mutiple Sensors Wiring Diagram
Scale: Not to Scale



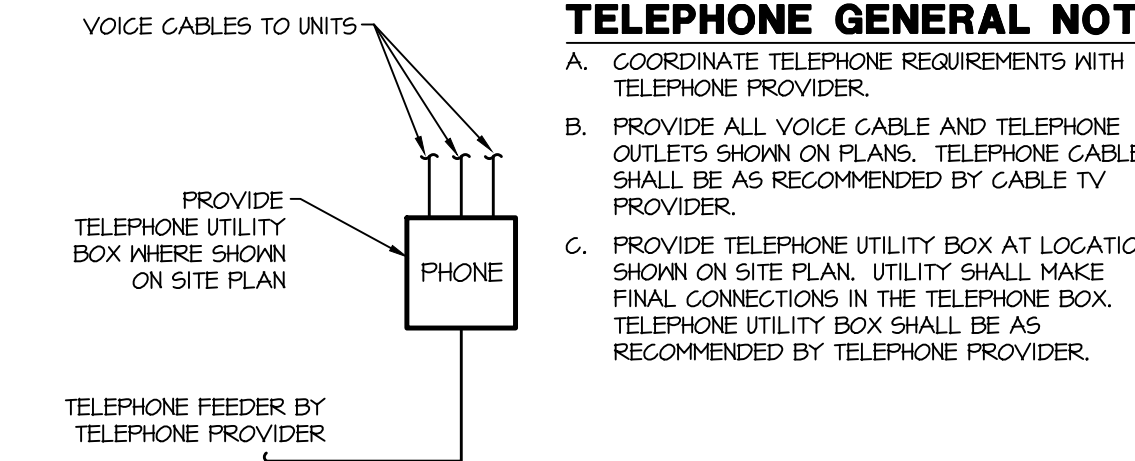
006 Conduit Penetration Through Floor
Scale: Not to Scale



CABLE TV GENERAL NOTES:

- COORDINATE CABLE TV REQUIREMENTS WITH CABLE TV PROVIDER.
- PROVIDE ALL CABLE TV COAX CABLE AND CABLE TV OUTLETS SHOWN ON PLANS. COAX CABLE SHALL BE AS RECOMMENDED BY CABLE TV PROVIDER.
- PROVIDE QUANTITY OF COAX HOME RUNS TO EACH UNIT AS RECOMMENDED BY CABLE TV PROVIDER TO ALLOW FOR DEDICATED DEVICES SUCH AS CABLE MODEMS AND DIGITAL CABLE BOXES.
- PROVIDE CABLE TV UTILITY BOX AT LOCATIONS SHOWN ON SITE PLAN. UTILITY SHALL MAKE FINAL CONNECTIONS IN CABLE TV BOX. CABLE TV UTILITY BOX SHALL BE AS RECOMMENDED BY CABLE TV PROVIDER.

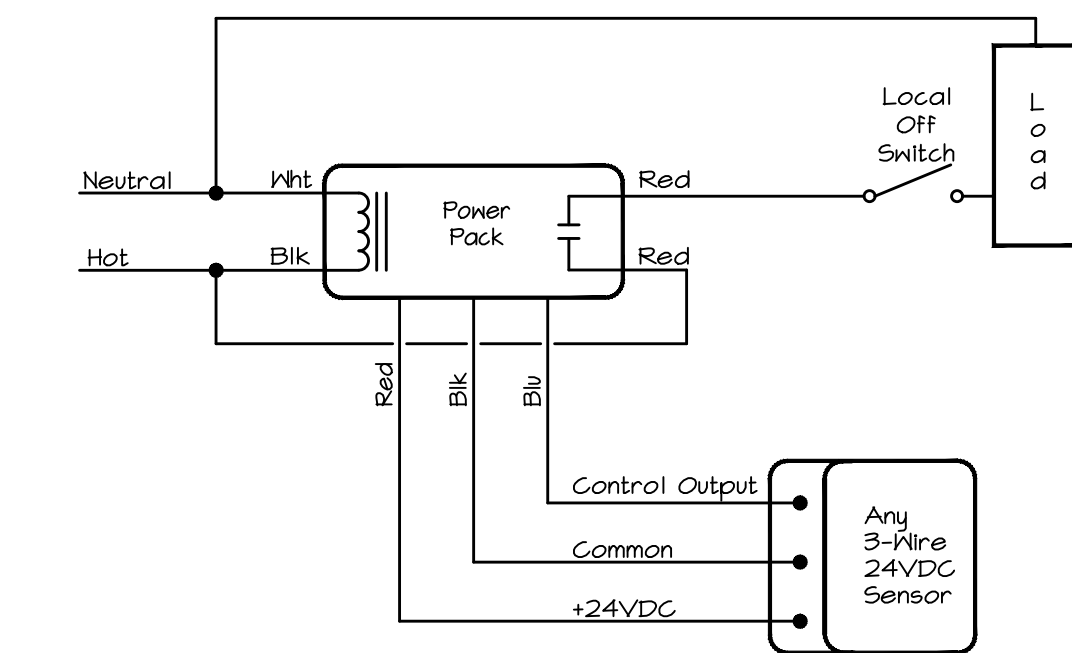
02 Cable TV Detail & Notes
SCALE: NTS



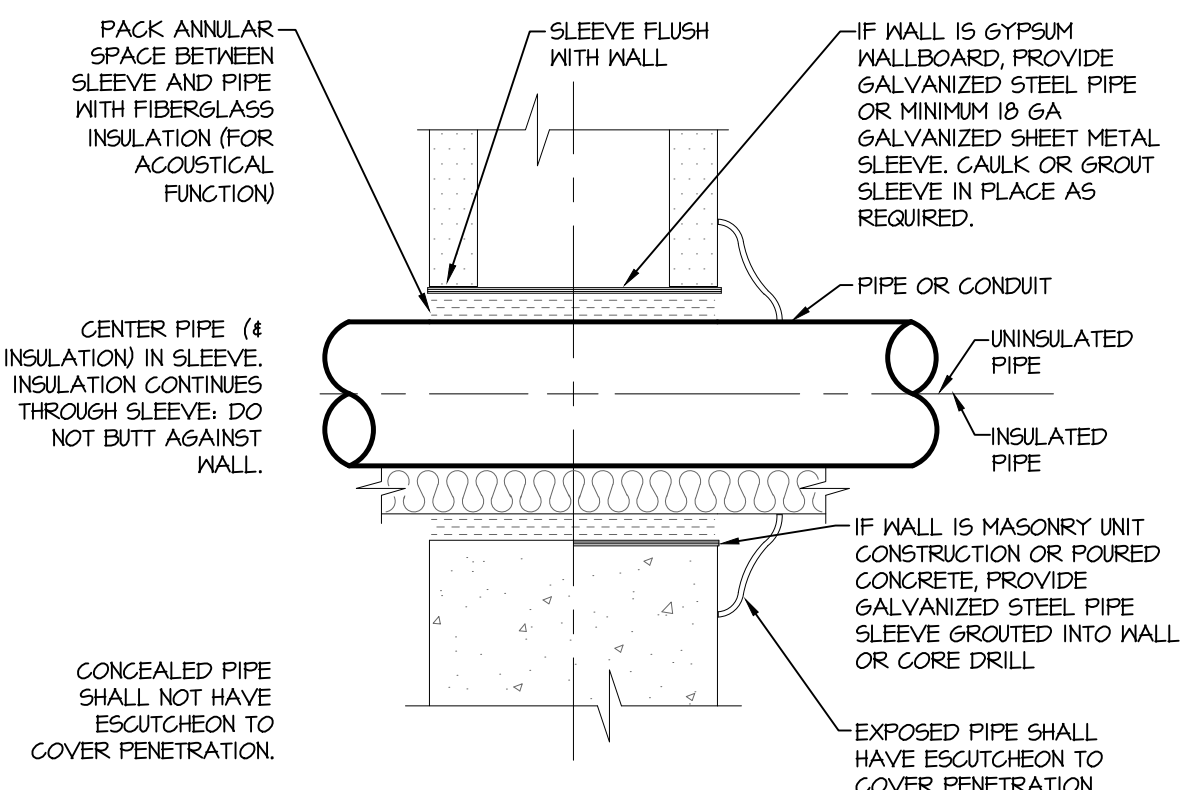
TELEPHONE GENERAL NOTES:

- COORDINATE TELEPHONE REQUIREMENTS WITH TELEPHONE PROVIDER.
- PROVIDE ALL VOICE CABLE AND TELEPHONE OUTLETS SHOWN ON PLANS. TELEPHONE CABLE SHALL BE AS RECOMMENDED BY CABLE TV PROVIDER.
- PROVIDE TELEPHONE UTILITY BOX AT LOCATIONS SHOWN ON SITE PLAN. UTILITY SHALL MAKE FINAL CONNECTIONS IN THE TELEPHONE BOX. TELEPHONE UTILITY BOX SHALL BE AS RECOMMENDED BY TELEPHONE PROVIDER.

03 Telephone Detail & Notes
SCALE: NTS

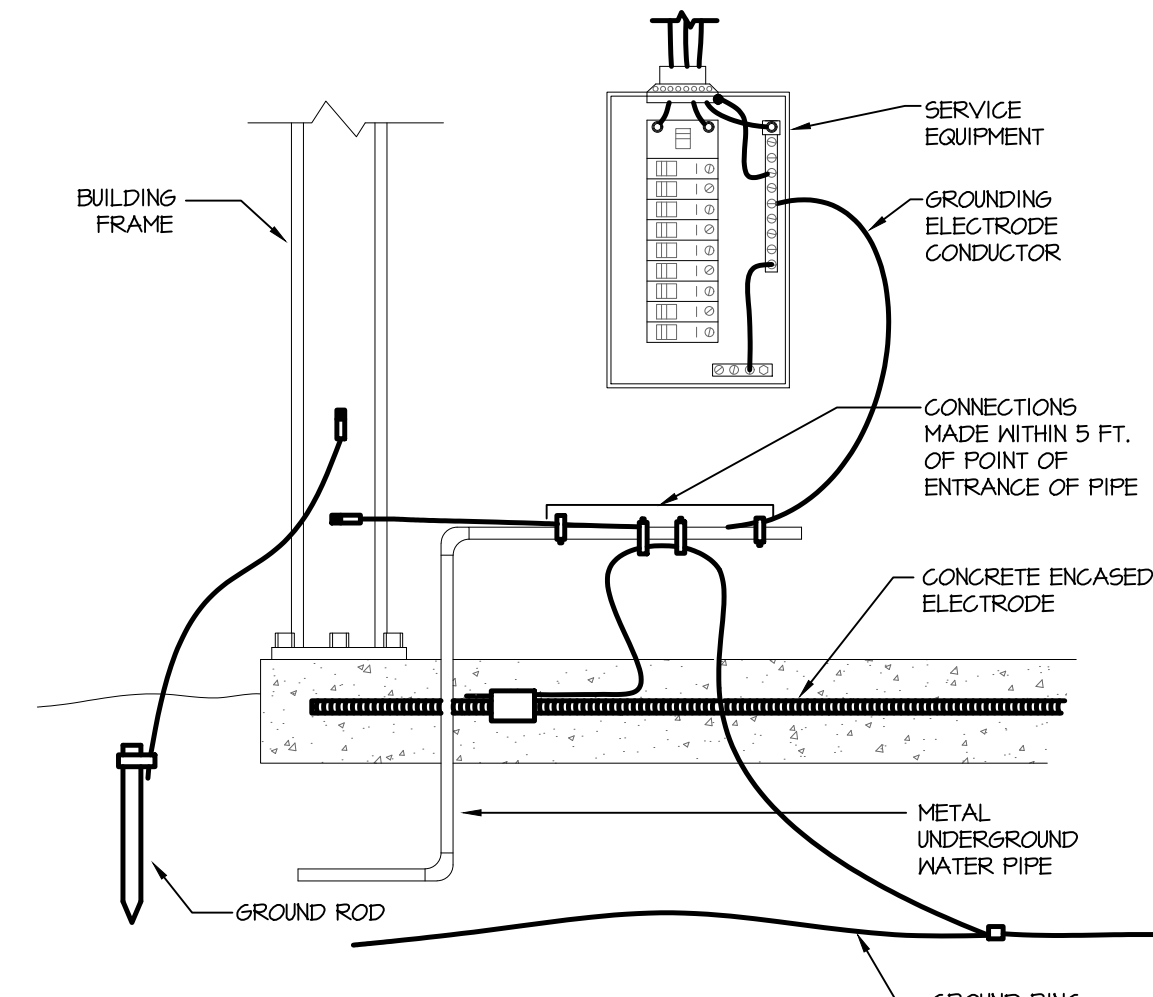


010 Ceiling Mounted Occupancy Sensor 24v Wiring Diagram
Scale: Not to Scale



- NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR WALL LOCATIONS. REFER TO SPECIFICATIONS FOR ALTERNATIVE INSTALLATIONS. COORDINATE REQUIREMENTS WITH GENERAL CONTRACTOR.

007 Conduit Penetration Through Non-Firewall
Scale: Not to Scale



04 Grounding Electrode System
SCALE: NTS

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H&B PROJECT NUMBER: 1920580
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OKLAHOMA CERTIFICATE
OF AUTHORITY NO. CA 02479

TIMBER RIDGE COTTAGES
SECTION 8, TOWNSHIP 18, RANGE 15
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OFFICE BUILDING
ELECTRICAL DETAILS

ISSUE DATE:
OCTOBER 18, 2019

REVISIONS:

PROJECT NO.: 1902

0 E4.1

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PANEL P1									
DESCRIPTION, 400A MCB					100% Neutral Bus				
					VOLTAGE, 120/208V, 1PH, 3 WIRE				
22 kAIC RATING					TOTAL CONNECTED LOAD, 43kW= 209A DEMANDED LOAD CONTINUOUS, 48kW= 234A				
NO	LOAD (W)	LOAD DESCRIPTION	AMP P	AMP S	LOAD DESCRIPTION	LOAD (W)	NO		
1	404	LTS - BASEMENT	1	20	HTG - AHU-101	4410	2		
3	530	LTS - FIRST FLOOR	1	20		4410	4		
5	110	LTS - EXTERIOR	1	20	YR - HP-101	2030	6		
7	180	LTS - TIMECLOCK	1	20		2030	8		
9	460	LTS - EXTERIOR POLES	2	20	HTG - ENH-01	2495	10		
11	460					2495	12		
13		SPARE	1	20	MISC - WH-01	2250	14		
15		SPARE	1	20		2250	16		
17	900	RCPT - FITNESS GENERAL	1	20	MTR - RP-1		18		
19	1000	MISC - FITNESS EGP 1	1	20	SPARE		20		
21	1000	MISC - FITNESS EGP 2	1	20	SPARE		22		
23	1000	MISC - FITNESS EGP 3	1	20	MTR - 6D-1	1200	24		
25	150	RCPT - FITNESS TVS	1	20	MISC - DW-1	1500	26		
27	250	RCPT - DF-1	1	20	KITCH - MW	1000	28		
29	1180	RCPT - COMPUTER RM	1	20	RCPT - REF	360	30		
31	1180	RCPT - COMPUTER RM	1	20	RCPT - KITCHEN COUNTER 1	360	32		
33	1220	RCPT - OFFICE	1	20	RCPT - KITCHEN COUNTER 2	360	34		
35	180	RCPT - OFFICE RESTROOM	1	20	RCPT - QUAD 1	360	36		
37	540	RCPT - OFFICE HALLWAY	1	20	RCPT - QUAD 2	360	38		
39	540	RCPT - STORAGE	1	20	RCPT - COMMUNITY NORTH	900	40		
41		SPARE	1	20	RCPT - COMMUNITY SOUTH	900	42		
43		SPARE	1	20	RCPT - COMMUNITY RESTROOM	360	44		
45		SPARE	1	20	SPARE		46		
47		SPARE	1	20	SPARE		48		

LIGHTING CONTROLS SCHEDULE

MARK	MANUFACTURER	MODEL	DEVICE	MOUNTING	RELAYS	DIMMING	PIR	ULTRA SONIC	TIME DELAY SETTINGS	AMBIENT LIGHT CONTROL	MANUAL ON	AUTO ON	MAXIMUM LOAD	VOLTS	NOTES	CONTROL NOTES
RC1	WATTSTOPPER	LMRC-101	ROOM CONTROLLER	PLENUM	1	-	-	-	-	-	-	-	20A	120/277		
RC2	WATTSTOPPER	LMRC-102	ROOM CONTROLLER	PLENUM	2	-	-	-	-	-	-	-	20A	120/277		
RC3	WATTSTOPPER	LMRC-211	ROOM CONTROLLER - SINGLE RELAY LV DIMMING	PLENUM	1	0-10V	-	-	-	-	-	-	20A	120/277		
RC4	WATTSTOPPER	LMRC-212	ROOM CONTROLLER - DUAL RELAY LV DIMMING	PLENUM	2	0-10V	-	-	-	-	-	-	20A	120/277		
RC5	WATTSTOPPER	LMRC-213	ROOM CONTROLLER - TRIPLE RELAY LV DIMMING	PLENUM	3	0-10V	-	-	-	-	-	-	20A	120/277		
O2	WATTSTOPPER	LMUC-100	OCCUPANCY SENSOR - ULTRASONIC	CEILING	-	-	-	YES	15 MINUTES	-	YES	RR/CORR	-	24VDC		
O2	WATTSTOPPER	LMUC-100	OCCUPANCY SENSOR - DUAL	CEILING	-	-	YES	YES	-	-	YES	RR/CORR	-	24VDC		
W1	WATTSTOPPER	LMSW-101	PERSONAL CONTROL - 1 BUTTON	WALL	-	-	-	-	-	-	-	-	-	24VDC	I	
W2	WATTSTOPPER	LMSW-102	PERSONAL CONTROL - 2 BUTTON	WALL	-	-	-	-	-	-	-	-	-	24VDC	I	
W3	WATTSTOPPER	LMSW-103	PERSONAL CONTROL - 3 BUTTON	WALL	-	-	-	-	-	-	-	-	-	24VDC	I	
W4	WATTSTOPPER	LMSW-104	PERSONAL CONTROL - 4 BUTTON	WALL	-	-	-	-	-	-	-	-	-	24VDC	I	
W5	WATTSTOPPER	LMSW-105	PERSONAL CONTROL - 4 BUTTON + PADDLE	WALL	-	YES	-	-	-	-	-	-	-	24VDC	I	
WD	WATTSTOPPER	LMDM-101	PERSONAL CONTROL - DIMMING	WALL	-	YES	-	-	-	-	-	-	-	24VDC	I	
W0	WATTSTOPPER	DSW-301	PERSONAL CONTROL - OCC. SENSOR	WALL	1	-	YES	YES	15 MINUTES	-	YES	NO	20A	120/277	I	
WDO	WATTSTOPPER	DW-311	PERSONAL CONTROL - DIMMING/OCC. SENSOR	WALL	1	YES	YES	YES	15 MINUTES	-	YES	NO	20A	120/277	I	

NOTES:

1. ARCHITECT SHALL SELECT COLOR FROM MANUFACTURER'S COLOR PALATE DURING THE SUBMITTAL PROCESS.

CONTROL NOTES:

1. AUTO ON (OCCUPANCY MODE): LOAD TURNS ON AND OFF AUTOMATICALLY BASED ON OCCUPANCY. IF LOAD IS TURNED OFF MANUALLY, LOAD REMAINS OFF UNTIL 5 MINUTES AFTER OCCUPANT DETECTION. IT THEN REVERTS TO AUTO ON MODE.
2. MANUAL ON (VACANCY MODE): OCCUPANT MUST MANUALLY PRESS ON/OFF BUTTON TO ENERGIZE THE LOAD. LOAD REMAINS ENERGIZED UNTIL NO MOTION IS DETECTED FOR THE SELECTED TIME DELAY.
3. 30 SECOND RE-TRIGGER DELAY - IF SENSOR DETECTS MOTION DURING DELAY SENSOR SHALL RE-ENERGIZE LOAD. SENSOR SHALL ENERGIZE LOAD UPON DETECTION OF MOTION. LOAD IS DE-ENERGIZED ONCE SPACE IS VACANT AND THE ADJUSTABLE TIME DELAY ELAPSES.
5. MANUAL OVERRIDE SWITCH SHALL DE-ENERGIZE LOAD DURING OCCUPANCY FOR THE DURATION OF THE SET TIME DELAY. MANUAL ON SWITCH SHALL ENERGIZE LOAD FOR THE DURATION OF OCCUPANCY.
6. FOR DUAL SWITCH SENSORS DEFAULT IN AUTO-ON TO 50% OPERATION.

GENERAL NOTES (APPLIES TO ALL ABOVE):

- A. PROVIDE POWER PACKS FOR ALL LOW VOLTAGE OCCUPANCY SENSORS.
- B. PROVIDE POWER PACK TYPE AND QUANTITY RECOMMENDED BY MANUFACTURER FOR DEVICES SCHEDULED.
- C. PROVIDE ALL REQUIRED WIRING FOR A COMPLETE INSTALLATION. REFERENCE MANUFACTURER'S WIRING DIAGRAMS FOR ALL REQUIRED WIRINGS.
- E. DUAL TECHNOLOGY SENSORS OCCUPANCY LOGIC SHALL BE SELECTED FOR DETECTION BY EITHER TECHNOLOGY AND SHOULD ONLY REQUIRE ONE FOR INITIAL AND MAINTAINED OCCUPANCY AND RETRIGGER WHEN OPTION IS AVAILABLE.
- F. ALL WALL SWITCHES WITH MORE THAN TWO BUTTONS OR BUTTONS FOR DIMMING SHALL BE ENGRAVED WITH THE SCENE FUNCTION. TEXT SHALL BE SELECTED DURING THE SUBMITTAL PROCESS.
6. PROVIDE TWO DIGITAL WIRELESS CONFIGURATION TOOLS, WATTSTOPPER MODEL LMCT-100.

LIGHT FIXTURE SCHEDULE

MARK	MANUFACTURER	MODEL	LAMP DATA			VOLTS	MOUNTING	TOTAL WATTS	DESCRIPTION	NOTES
			LUMENS	TYPE	COLOR (K)					
A1	ALCON	I2122-4-R28W2800-35K	2800	LED	3500	UNV	PENDANT	28	DIMMABLE 4' DOMED LINEAR PENDANT	6.9
A2	ALCON	I2122-4-R40W4000-35K	4000	LED	3500	UNV	PENDANT	40	DIMMABLE 4' DOMED LINEAR PENDANT	6.9
B1	HE WILLIAMS	T5R-4-L30/B30-DRV-120	3200	LED	3000	120	SURFACE	23	4' LED STRIP W/ SQUARE LENS	
B2	HE WILLIAMS	T5R-2-L15/B30-DRV-120	1500	LED	3000	120	SURFACE	12	2' LED STRIP W/ SQUARE LENS	
C	WAC LIGHTING	BRINK WS-T1636-30	2445	LED	3000	120	WALL	30	36" VANITY FIXTURE	2.5
D	SIGNIFY	51R830K10	1000	LED	3000	120	SURFACE	14.2	1" SLIM SURFACE LED	5
X	DUAL-LITE	EVEJ-R-N-E-1	-	LED	-	120	SEE PLANS	2	INDOOR LED EXIT SIGN W/ BATTERY	1.4
XB	DUAL LITE	LZ2-03L	-	LED	-	120	WALL	4	DUAL HEAD LED BUGEYE	
AA	MCGRAW-EDISON	1ST-B02-LED-EI-GZN-AP-CWB	4244	LED	4000	120	WALL	42	LED EXTERIOR WALL MOUNT	3.7
BB	KICHLER	ASHLAND BAY 16" 445TIWZC	1600	LED 150W EQ.	3000	120	SURFACE	15	16" I LIGHT EXTERIOR WALL SCONCE	5.0/0

NOTES:

1. PROVIDE NUMBER OF FACES AND DIRECTIONAL ARROWS TO MATCH WHAT IS SHOWN ON DRAWINGS.
2. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
3. PROVIDE WITH INTEGRAL BATTERY BACK-UP DRIVER.
4. PROVIDE WITH SELF-TESTING / SELF-DIAGNOSTICS.
5. VERIFY FINISH WITH ARCHITECT PRIOR TO ORDERING.
6. PROVIDE FIXTURE WITH DIMMABLE DRIVER.
7. MOUNT FIXTURE AT 8'-6" AFF TO CENTER OF FIXTURE. COORDINATE WITH ARCHITECTURAL ELEVATIONS.
8. MOUNT FIXTURE AT 5'-2" AFF ADJACENT TO DOOR UNLESS OTHERWISE NOTED. COORDINATE WITH ARCHITECTURAL ELEVATIONS.
9. SUSPEND FIXTURE AT 8'-6" AFF.
10. PROVIDE EQUIVALENT LED BUILD FOR FIXTURE.

GENERAL NOTES:

- A. PROVIDE ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION.
- B. REFERENCE PLANS FOR FIXTURES REQUIRING EMERGENCY DRIVERS.
- C. CONTRACTOR SHALL VERIFY CEILING TYPE PRIOR TO ORDERING ALL FIXTURES.
- D. MANUFACTURER EQUALS ACCEPTED UPON ENGINEERS APPROVAL.



ARCHITECTURAL CORPORATION
OKLAHOMA CERTIFICATE
OF AUTHORITY NO. CA 02479

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OFFICE BUILDING
ELECTRICAL
SCHEDULES

ISSUE DATE:
OCTOBER 18, 2019

REVISIONS:

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