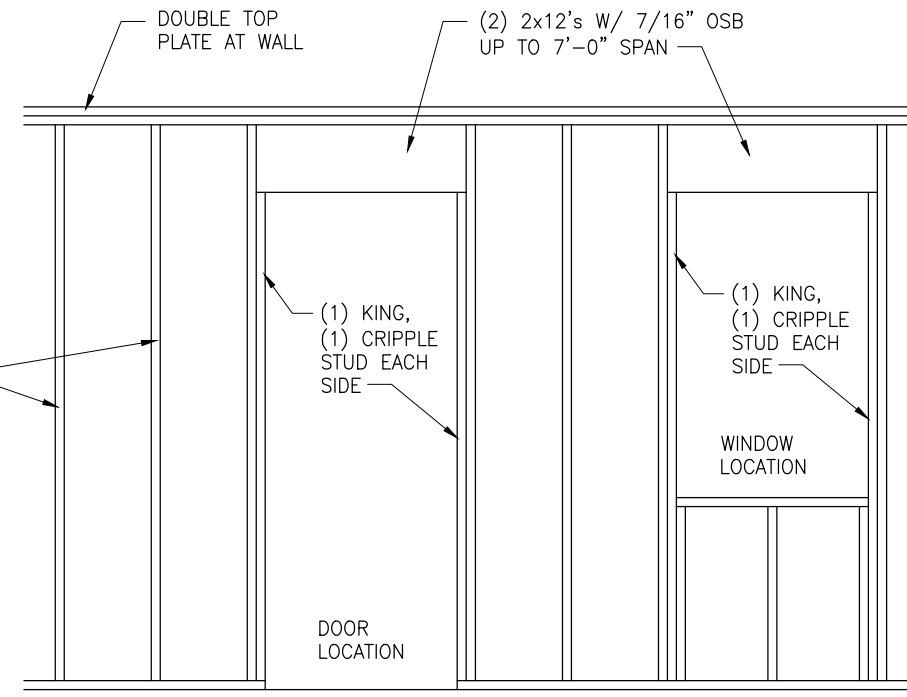
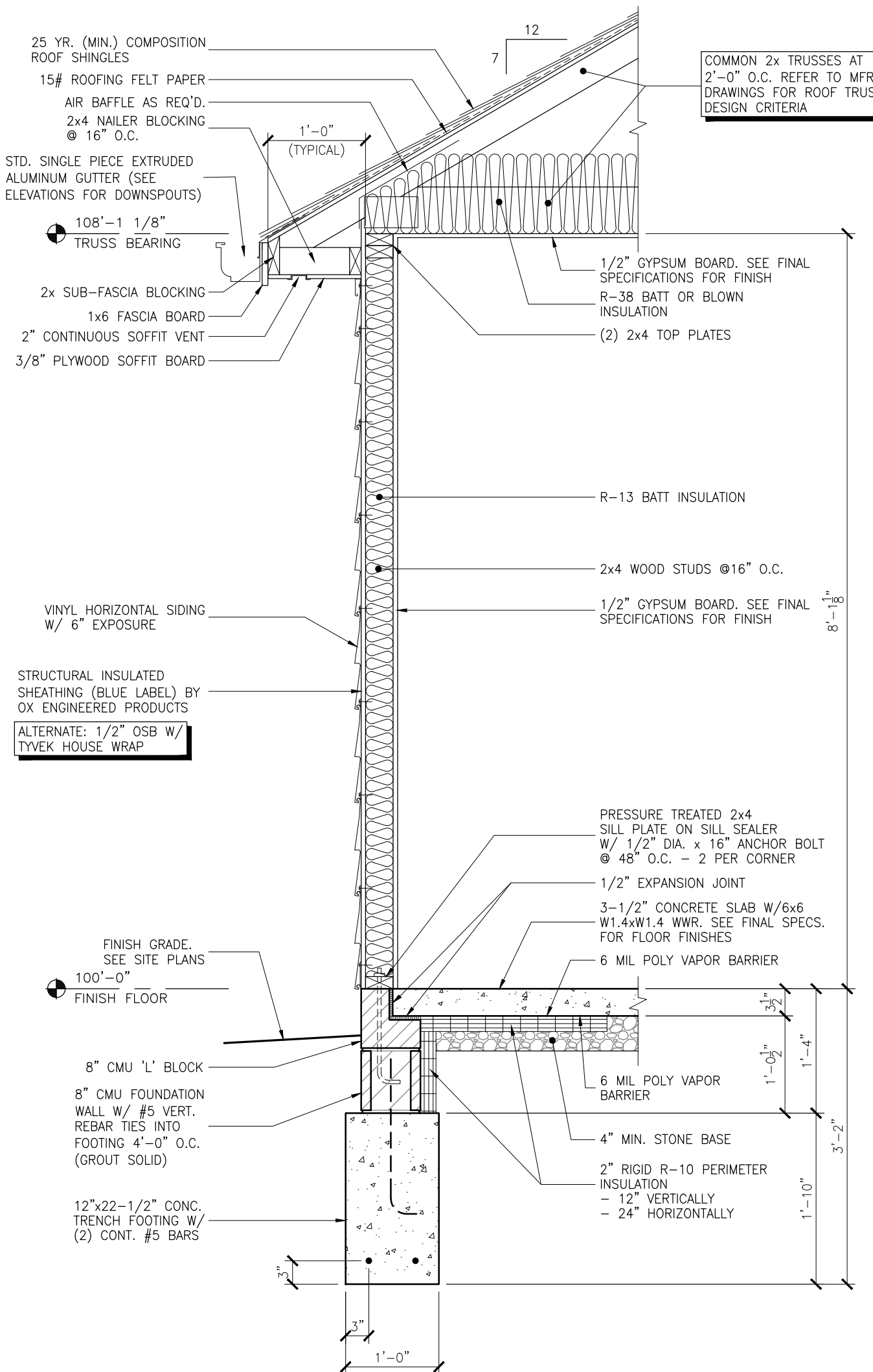


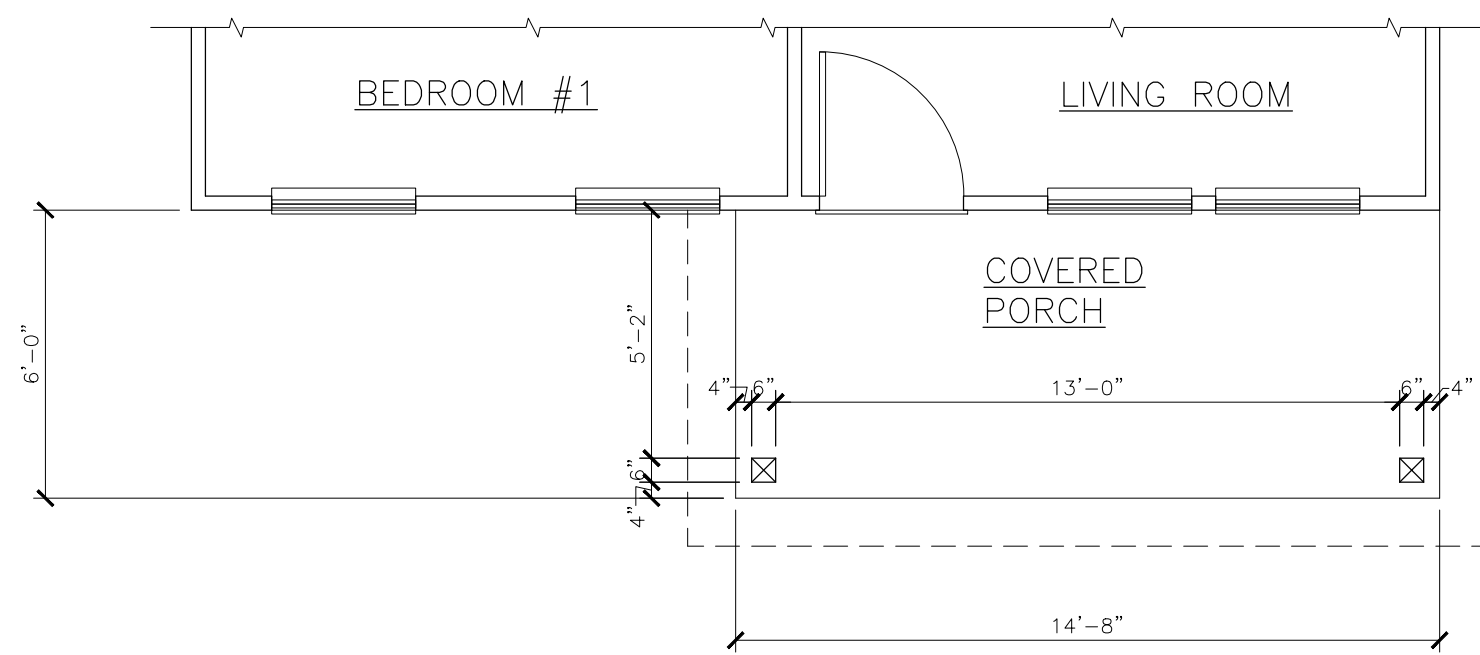
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DRAWING NUMBER	DRAWING TITLE	
A1	FLOOR PLAN, PORCH ALTERNATES & TYPICAL WALL/FOOTING SECTION	05/03/2022
A2	FOUNDATION/SLAB PLAN, & ROOF PLAN & ALTERNATES	
A3	EXTERIOR BUILDING ELEVATIONS	
A4	ALTERNATE EXTERIOR BUILDING ELEVATIONS	
P1	PLUMBING PLANS & ISOMETRICS	
ME1	HVAC & ELECTRICAL PLANS	



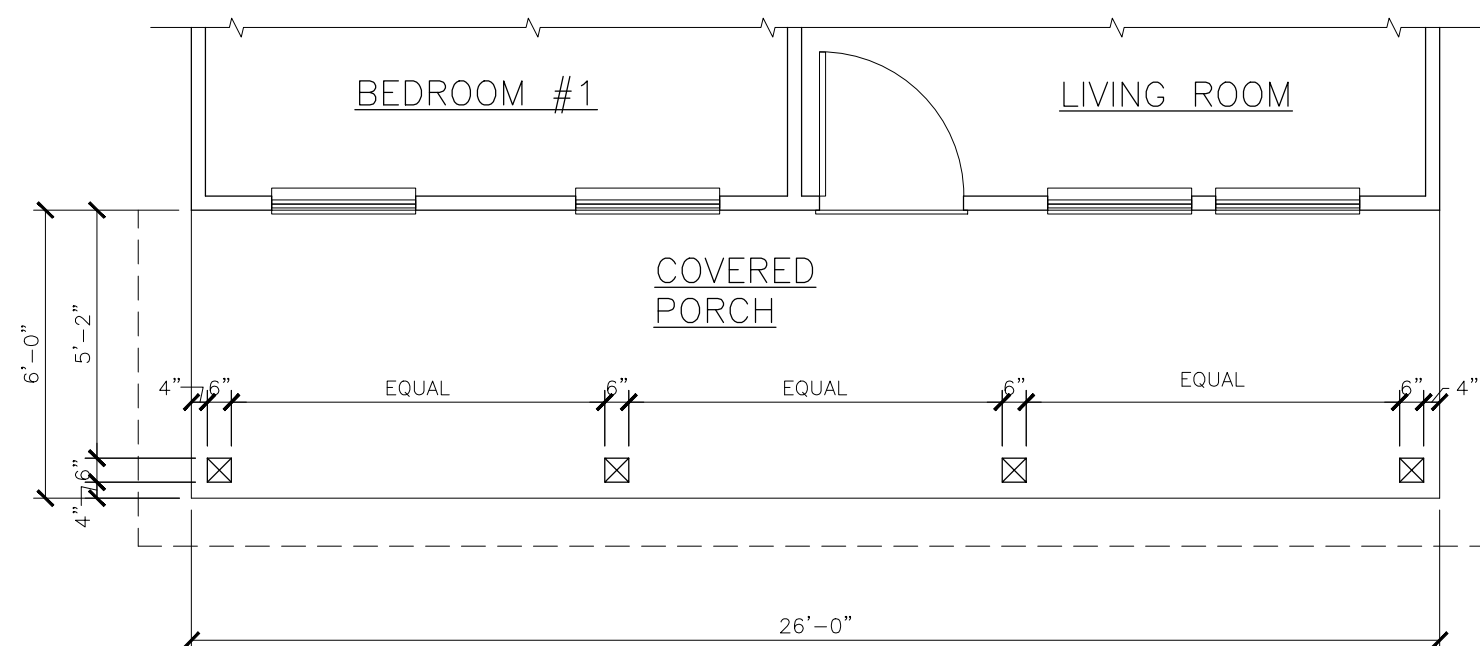
TYP. WALL/DOOR/WINDOW DETAIL
SCALE: 3/8"=1'-0"



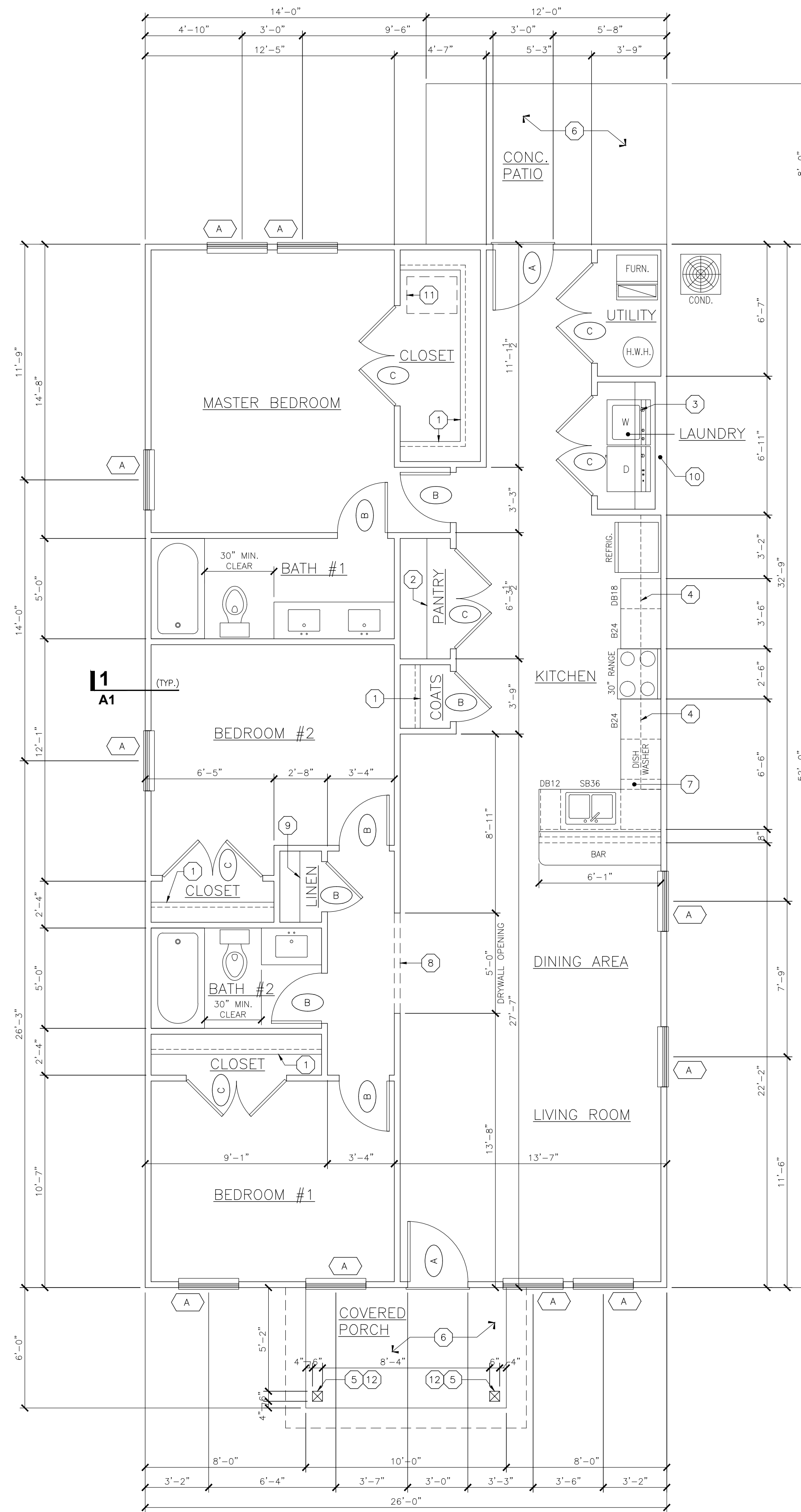
TYPICAL WALL/FOOTING SECTION 1
SCALE: 3/4"=1'-0"



ALTERNATE 'A' FRONT PORCH PLAN
SCALE: 1/4"=1'-0"



ALTERNATE 'B' FRONT PORCH PLAN
SCALE: 1/4"=1'-0"



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

GENERAL NOTES:

- ALL DIMENSIONS OF INTERIOR WALLS ARE TO FACE OF STUDS UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS OF EXTERIOR WALLS ARE TO OUTSIDE FACE OF FOUNDATION UNLESS OTHERWISE NOTED.
- USE 3 1/2" WOOD STUDS AT 16" O.C. WITH 1/2" GYPSUM BOARD BOTH SIDES FOR ALL INTERIOR STUD WALLS UNLESS OTHERWISE NOTED OR OTHER REQUIREMENT PER CODE.
- EXTEND STUD WALLS AND GYPSUM BOARD TO UNDERSIDE OF ROOF TRUSS UNLESS OTHERWISE NOTED.
- ALL ROOF TRUSSES & FLOOR TRUSSES TO BE DESIGNED AND STAMPED BY A PROFESSIONAL ENGINEER. ALL TRUSSES TO BE PRE-MANUFACTURED OFF SITE AND DELIVERED TO THE PROJECT WITH A FULL SET OF STAMPED DESIGN AND ERECTION DRAWINGS.

DOOR SCHEDULE

- (A) 3'-0" W. x 6'-8" H. CLASS 'C' HOLLOW METAL 6 PANEL DOOR UNIT W/ ALUMINUM THRESHOLD
- (B) 2'-6" W. x 6'-8" H. HOLLOW CORE DOOR
- (C) PAIR OF 2'-6" W. x 6'-8" H. HOLLOW CORE DOORS W/ DUMMY TRIM & BALL CATCH

WINDOW SCHEDULE

- (A) 36"x60" VINYL CLAD SINGLE HUNG WINDOW W/ INSULATED TEMPERED LOW-E GLASS TO MEET EMERGENCY ESCAPE AND RESCUE OPENING

KEY NOTES:

- (1) 12" SHELF & HANGAR ROD
- (2) 12" WIRE SHELVING
- (3) 12" LAUNDRY SHELF @ 48" A.F.F.
- (4) 12" UPPER CABINETS AS REQUIRED
- (5) 6x6 SUPPORT POST FOR PORCH ROOF
- (6) SLAB ON GRADE CONC. PORCH & PATIO (COORDINATE HEIGHT W/ DEVELOPER FOR SITE SPECIFICS FOR GRADE/DEPTH)
- (7) 6" SPACER UNDER COUNTER
- (8) BOTTOM OF DRYWALL OPENING IS 6'-8" A.F.F.
- (9) EQUALLY SPACED 12" SHELVES
- (10) DOUBLE WALL AT LAUNDRY
- (11) ATTIC ACCESS
- (12) THICKEN SLAB AT PORCH POSTS

ROOF TRUSS NOTES

- ALL TRUSS DESIGN CRITERIA SHALL BE SUBMITTED BY THE TRUSS MANUFACTURER SELECTED BY THE CONTRACTOR. THIS INFORMATION SHALL BE SIGNED & SEALED BY A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF INDIANA. TRUSSES ARE NOT TO BE MANUFACTURED UNTIL THIS INFORMATION HAS BEEN SUBMITTED AND APPROVED BY THE ARCHITECT.
- ROOF TRUSS LOADING CRITERIA:
TOP CHORD LIVE LOAD = 30 P.S.F.
TOP CHORD DEAD LOAD = 10 P.S.F.
BOTTOM CHORD DEAD LOAD = 10 P.S.F.
TOTAL LOAD = 50 P.S.F.
- PROVIDE 2x4 'X' BRACING ACROSS TRUSSES AT EACH SIDE OF TRUSS. ALTERNATE DIRECTION OF EACH SIDE.
- CUTTING & NOTCHING OF STRUCTURAL WOOD MEMBERS SHALL BE ALLOWED ONLY AS ALLOWED IN THE INDIANA STATE BUILDING CODE.
- ALL MEMBERS CARRYING CONCENTRATED LOADS SHALL BE DESIGNED IN ACCORDANCE WITH THE INDIANA STATE BUILDING CODE.

INDIANAPOLIS, INDIANA

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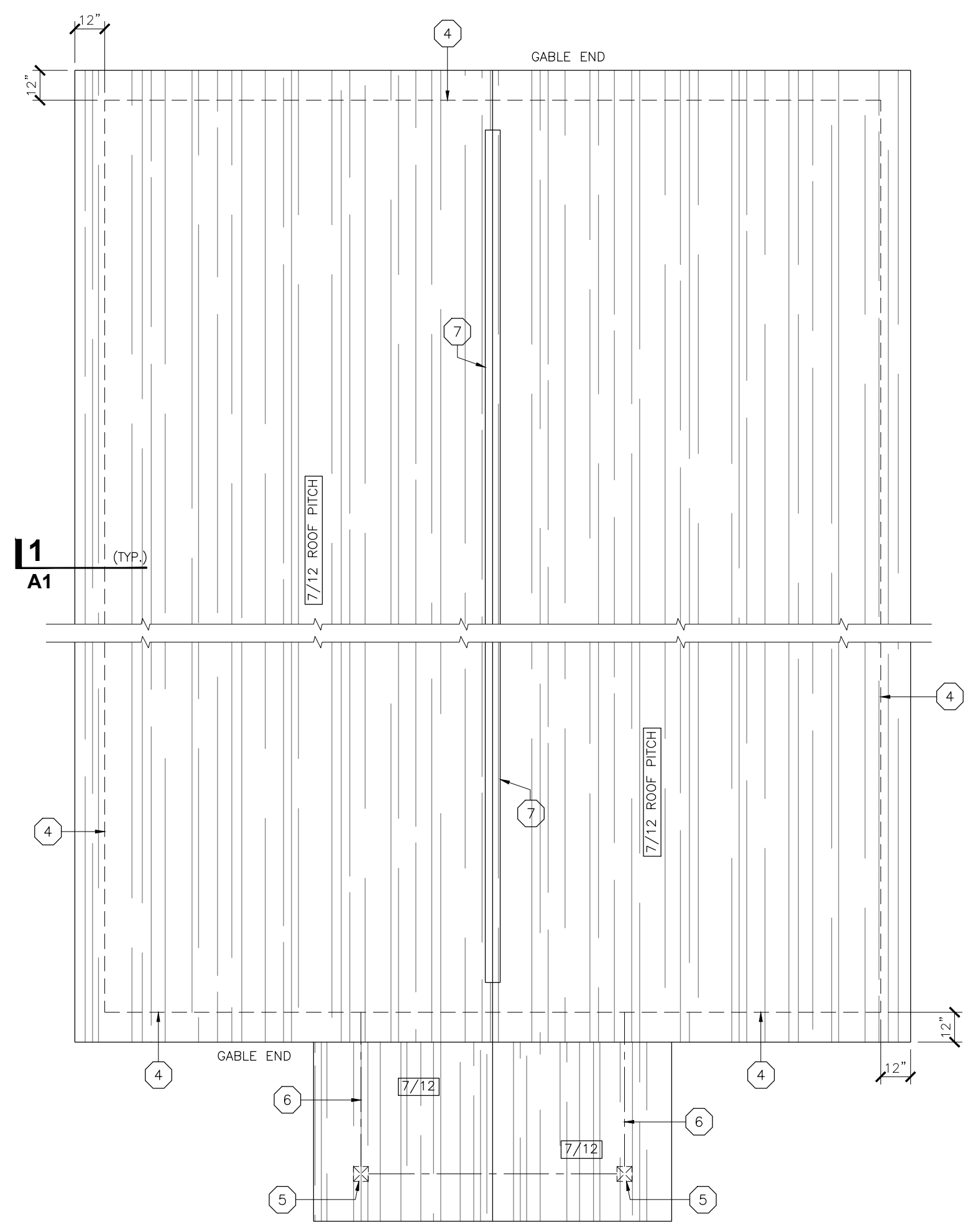
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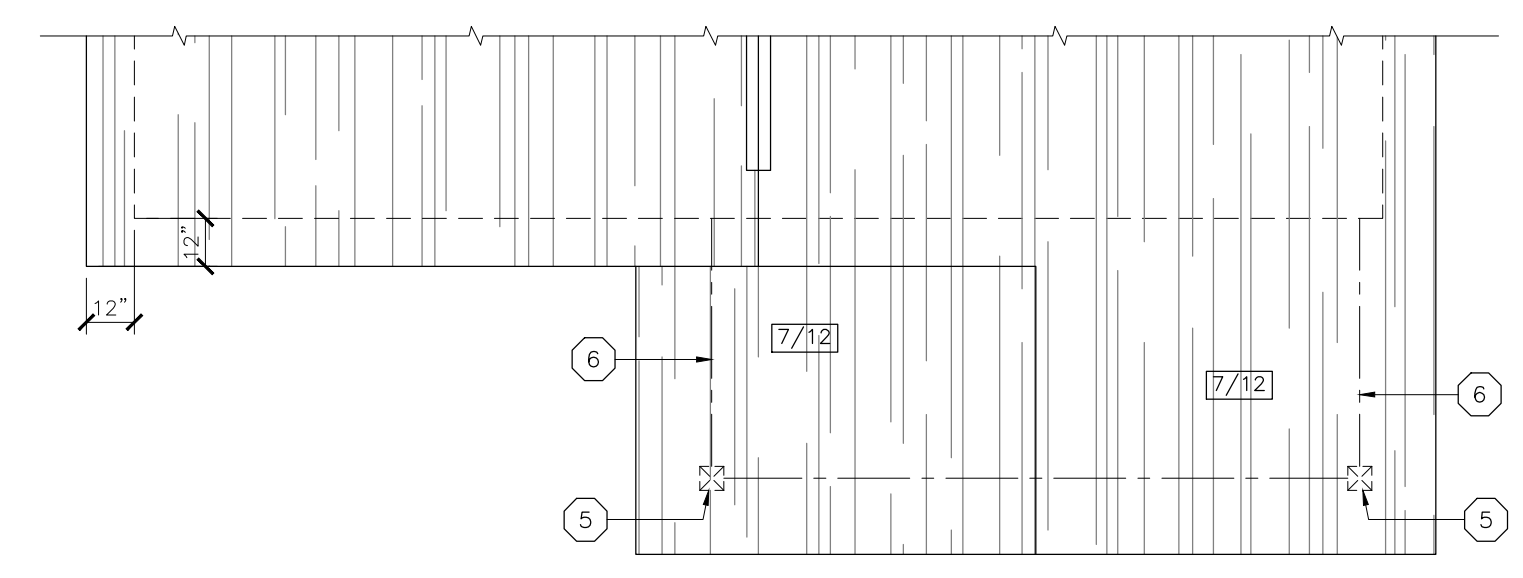
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FLOOR PLAN, PORCH ALTS & TYP. WALL & FOOTING SECTION
A1

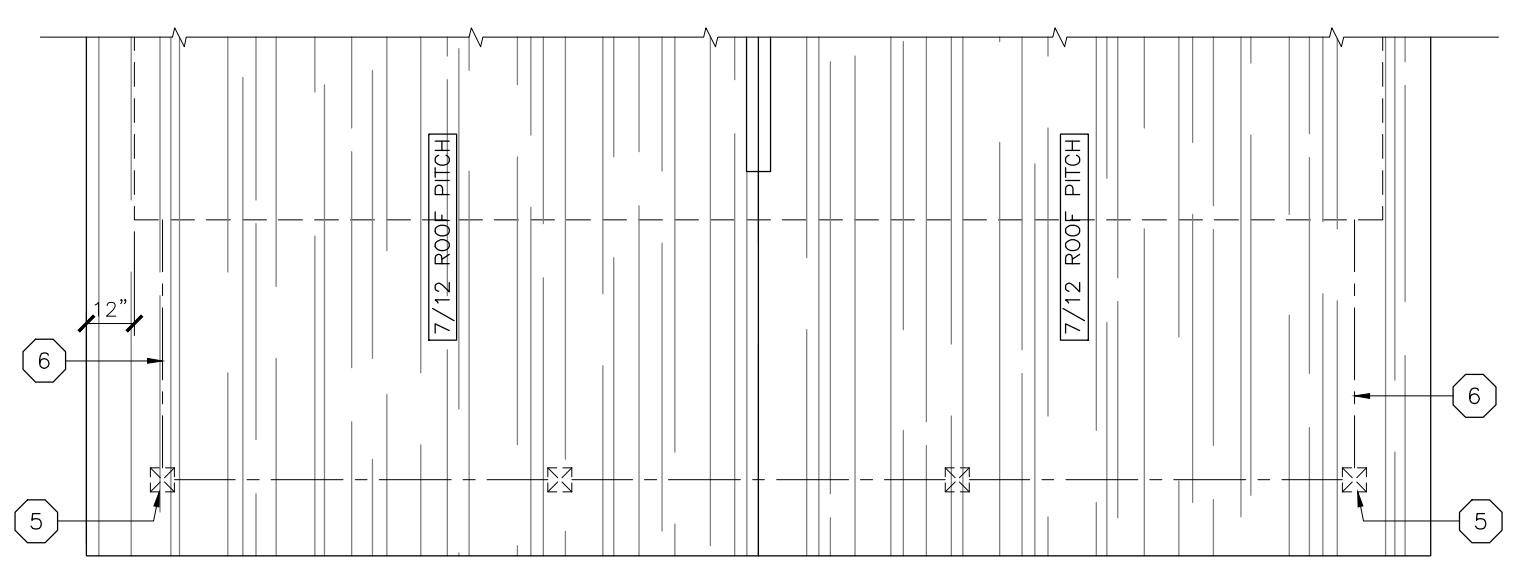


ROOF PLAN
SCALE: 1/4"=1'-0"



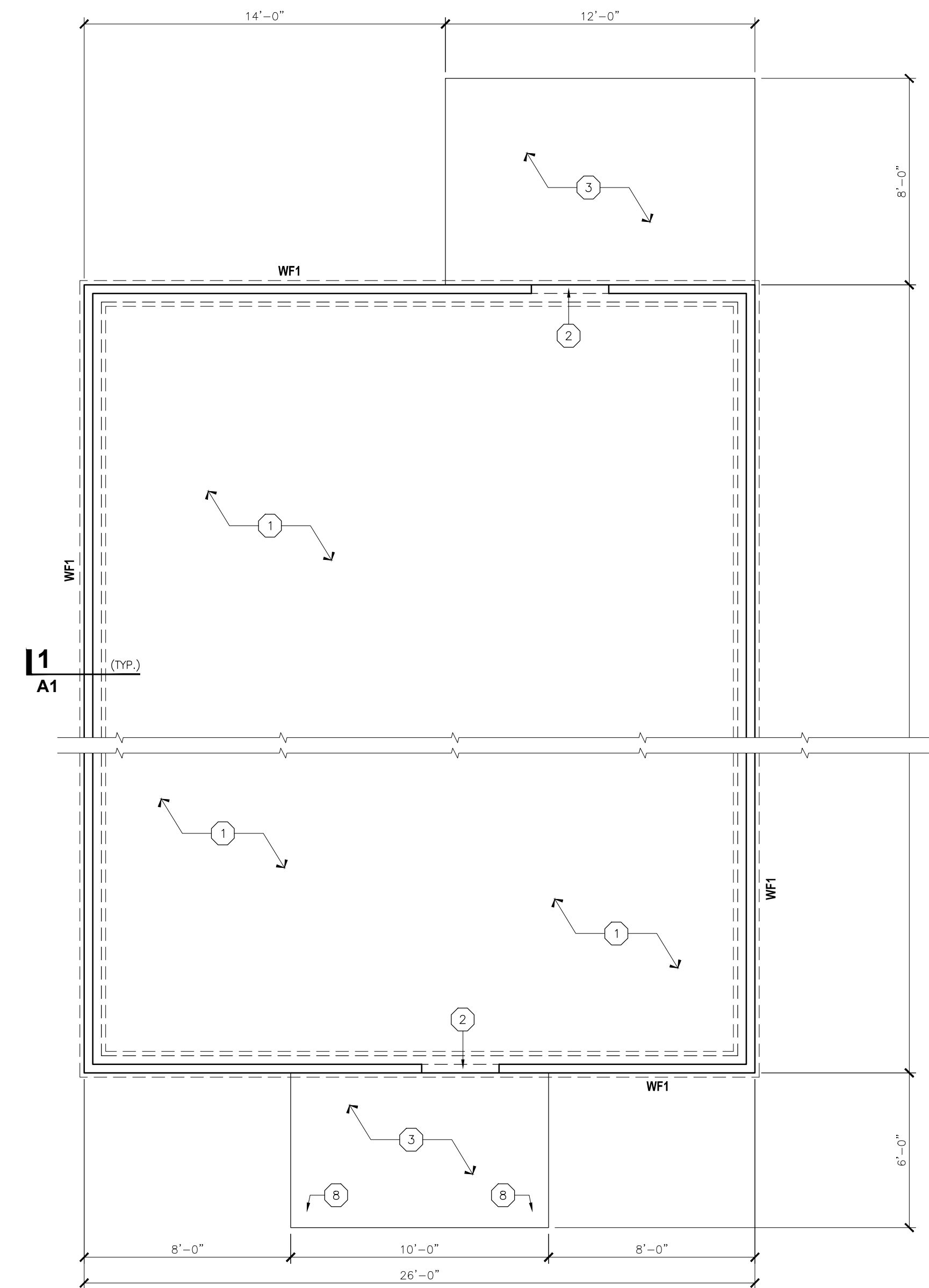
ALTERNATE PORCH 'A' ROOF PLAN
SCALE: 1/4"=1'-0"

SEE ROOF PLAN FOR NOTES & CONTINUATION

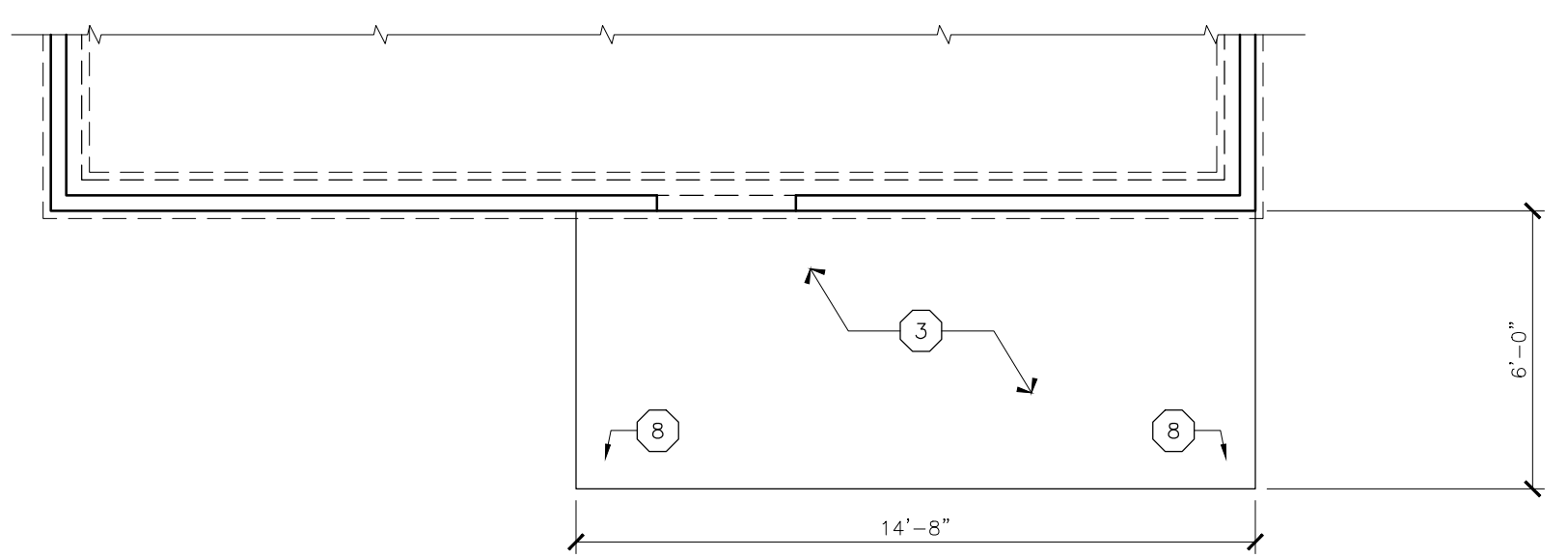


ALTERNATE PORCH 'B' ROOF PLAN
SCALE: 1/4"=1'-0"

SEE ROOF PLAN FOR NOTES & CONTINUATION

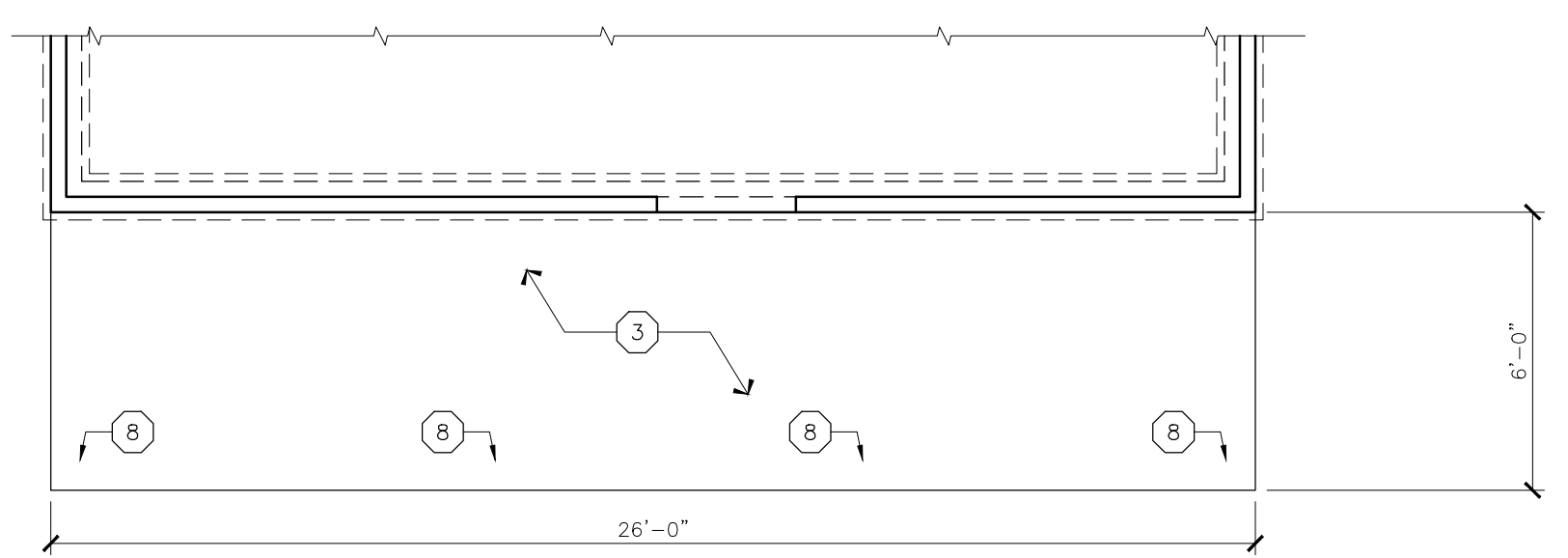


FOUNDATION & SLAB PLAN
SCALE: 1/4"=1'-0"



ALTERNATE PORCH 'A' FOUNDATION & SLAB PLAN
SCALE: 1/4"=1'-0"

SEE FOUNDATION & SLAB PLAN FOR NOTES & CONTINUATION



ALTERNATE PORCH 'B' FOUNDATION & SLAB PLAN
SCALE: 1/4"=1'-0"

SEE FOUNDATION & SLAB PLAN FOR NOTES & CONTINUATION

GENERAL NOTES:

- CONCRETE SLAB ON GRADE TO HAVE SMOOTH FINISH IN PREPARATION FOR INSTALLATION OF FLOOR FINISHES
- SITE WORK - ALL FOOTINGS SHALL BEAR ON FIRM, UNDISTURBED SOIL OR APPROVED COMPACTED FILL, WITH A MINIMUM BEARING CAPACITY OF 3000 PSF
- CONCRETE FOR FOOTINGS & FOUNDATIONS SHALL BE STANDARD WEIGHT 3000 PSI COMPRESSIVE STRENGTH AT 28 DAYS. CONC. FOR SLAB SHALL BE MIN. 3000 PSI
- CONCRETE WORK SHALL COMPLY WITH ACI 318 & 318.1
- SET 1/2" DIA. ANCHOR BOLTS AT 4'-0" O.C. AT PERIMETER & NO MORE THAN 12" FROM CORNERS & OPENINGS

KEY NOTES:

- 3-1/2" CONC. SLAB REINF. W/ 6x6-W1.4xW1.4 W/ 6 MIL POLY W/WR BARRIER & 4" MIN. COMPACTED STONE BASE
- HOLD OUT L-BLOCK AT FRONT AND BACK DOORS, OVER-FOUR AND TURN DOWN SLAB TO 8" CMU BLOCK BELOW
- 4" CONC. SLAB REINF. W/ 6x6-W1.4xW1.4 W/ 6 MIL POLY W/WR BARRIER & 4" MIN. COMPACTED STONE BASE. (1 STEP DOWN FROM BUILDING SLAB) (COORDINATE HEIGHT W/ DEVELOPER FOR SITE SPECIFICS FOR GRADE/DEPTH)
- LINE OF EXTERIOR STUD FACE BELOW. SEE FLOOR PLAN
- 6x6 COLUMN BELOW
- BEAM BELOW
- SEM-CONCEALED ATTIC RIDGE VENT, INSTALLED PER MANUFACTURER'S SPECIFICATIONS
- THICKEN SLAB AT PORCH POSTS

WALL FOOTING SCHEDULE

MARK	SIZE (W x D)	REINFORCING
WF1	1'-0" x 1'-10"	(2) #5

1. REINFORCING INDICATED SHALL BE BOTTOM U.N.O.

HOUSE PLANS FOR:
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B A L A Y
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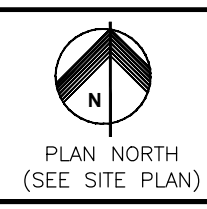
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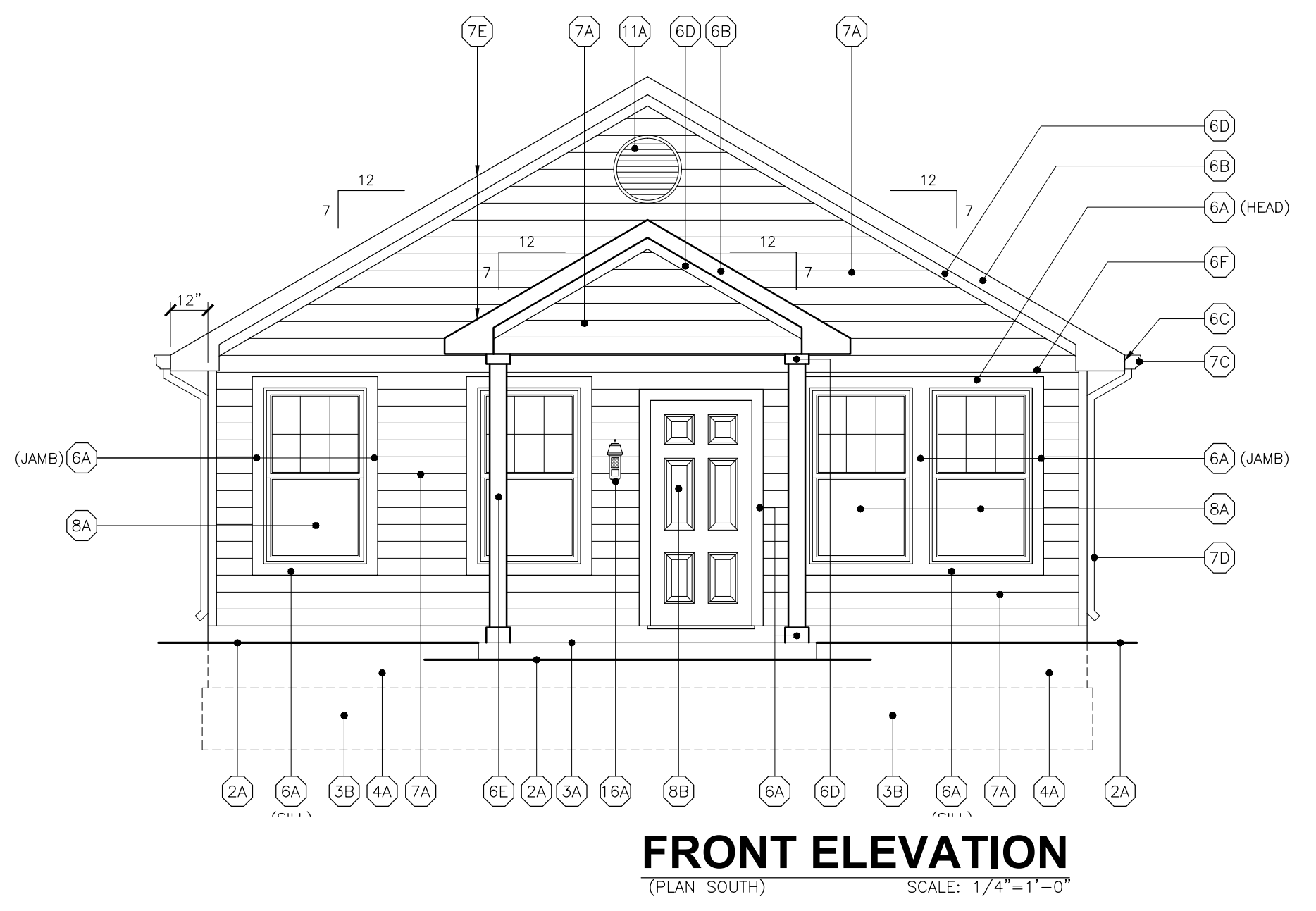
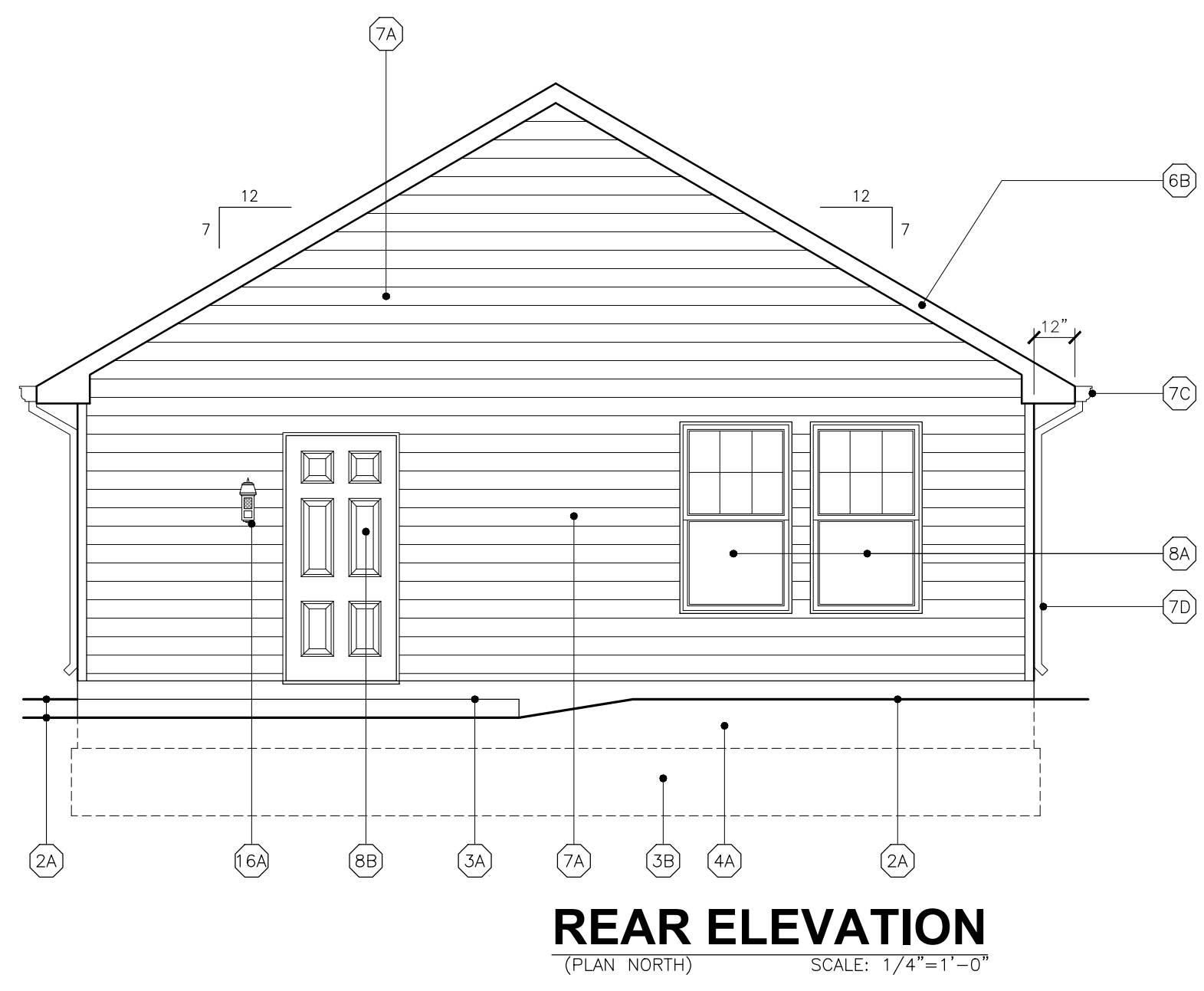
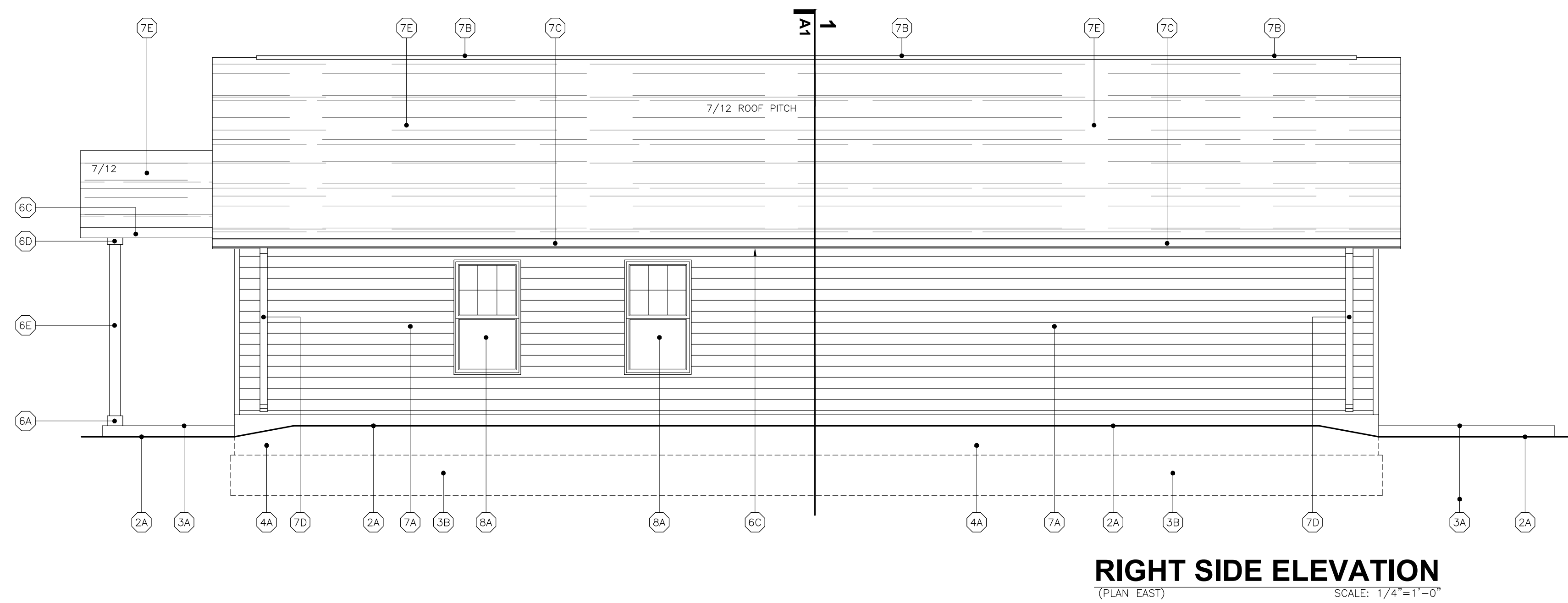
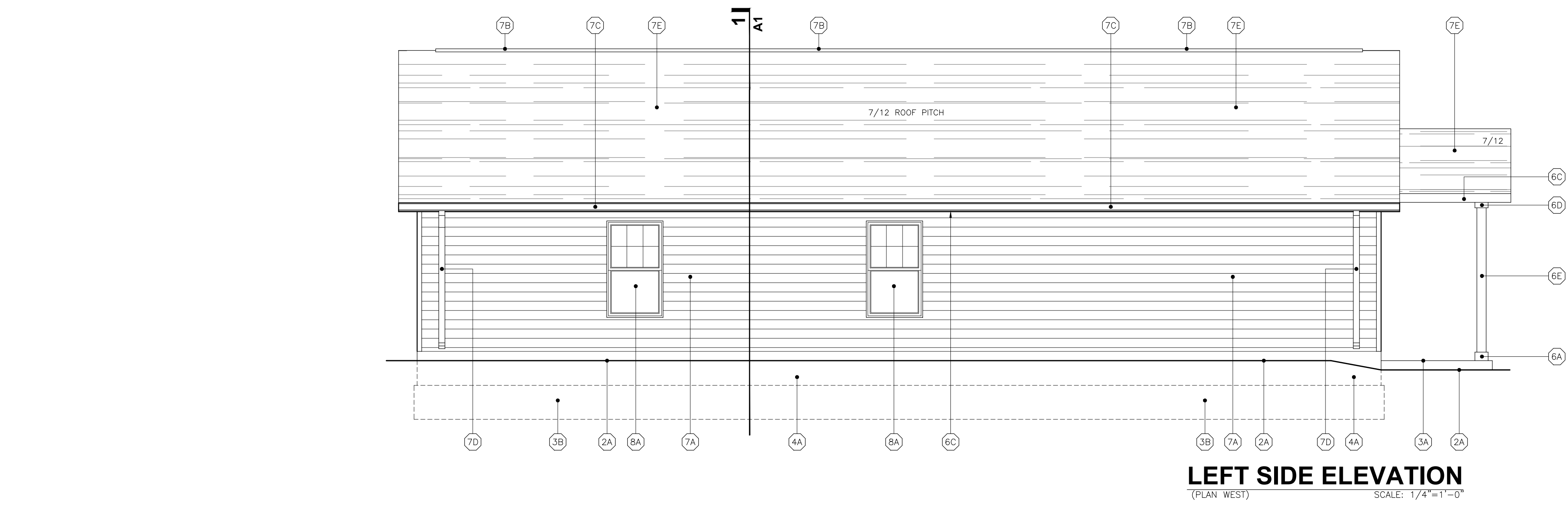
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FOUNDATION & SLAB PLAN, ROOF PLAN & ALTERNATES

A2





GENERAL NOTES:

- COORDINATE ALL PAINT & MATERIAL COLORS WITH OWNER PRIOR TO INSTALLATION AND/OR APPLICATION
- INSTALL ALL VINYL SIDING ACCESSORIES AS REQUIRED INCLUDING LIGHT BLOCKS, VENTS, J CHANNELS, STARTER STRIPS, ETC.
- ELEVATIONS SHOWN ARE TYPICAL AND REPRESENT THE GENERAL SCOPE FOR THE BUILDING
- ALL FINISH MATERIALS MUST COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE AS ADOPTED BY THE STATE OF INDIANA

KEY NOTES:

- (2A) FINISH GRADE. SEE SITE PLANS
- (3A) CONCRETE PORCH OR PATIO
- (3B) CONCRETE GRADE-BEAM FOUNDATION. SEE WALL SECTION ON SHEET A1 & SLAB/FOUNDATION PLAN ON SHEET A2
- (4A) 8" CMU FOUNDATION WALL. SEE WALL SECTION ON SHEET A1
- (6A) 1x4 PAINTED TRIM BOARD, TYPICAL
- (6B) 1x6 PAINTED RAKE END BOARD, TYPICAL
- (6C) 1x6 PAINTED FASCIA BOARD, TYPICAL
- (6D) 1x4 PAINTED TRIM BOARD, TYPICAL
- (6E) 6x6 TREATED POST, PAINTED, TYPICAL
- (6F) SLOPED CUT 2x TRIM BOARD, FLASH AS REQUIRED
- (7A) VINYL HORIZONTAL SIDING W/ 6" EXPOSURE
- (7B) SEMI-CONCEALED ATTIC RIDGE VENT, INSTALLED PER MANUFACTURER'S SPECIFICATIONS
- (7C) STD. SINGLE PIECE EXTRUDED ALUMINUM GUTTER
- (7D) STD. DOWNSPOUT W/ SPLASH BLOCK
- (7E) 25 YR. (MIN.) COMPOSITION ROOF SHINGLES OVER 15# FELT ROOFING PAPER
- (8A) WINDOW, PER PLAN
- (8B) 3'-0" W. x 6'-0" H. CLASS "C" HOLLOW METAL 6 PANEL DOOR UNIT W/ ALUMINUM THRESHOLD
- (11A) DECORATIVE FAUX VENT
- (16A) LIGHT FIXTURE TO BE SELECTED

INDIANAPOLIS, INDIANA

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EXTERIOR BUILDING ELEVATIONS

A4



SEE RIGHT SIDE ELEVATION ON SHEET A3 FOR TYPICAL NOTES

**ALTERNATE 'A'
RIGHT SIDE ELEVATION**
(PLAN EAST) SCALE: 1/4"=1'-0"



SEE RIGHT SIDE ELEVATION ON SHEET A3 FOR TYPICAL NOTES

**ALTERNATE 'B'
RIGHT SIDE ELEVATION**
(PLAN EAST) SCALE: 1/4"=1'-0"



SEE FRONT ELEVATION ON SHEET A3 FOR TYPICAL NOTES

**ALTERNATE 'A'
FRONT ELEVATION**
(PLAN SOUTH) SCALE: 1/4"=1'-0"



SEE FRONT ELEVATION ON SHEET A3 FOR TYPICAL NOTES

**ALTERNATE 'B'
FRONT ELEVATION**
(PLAN SOUTH) SCALE: 1/4"=1'-0"

GENERAL NOTES:

- G1. COORDINATE ALL PAINT & MATERIAL COLORS WITH OWNER PRIOR TO INSTALLATION AND/OR APPLICATION
- G2. INSTALL ALL VINYL SIDING ACCESSORIES AS REQUIRED INCLUDING LIGHT BLOCKS, VENTS, J CHANNELS, STARTER STRIPS, ETC.
- G3. ELEVATIONS SHOWN ARE TYPICAL AND REPRESENT THE GENERAL SCOPE FOR THE BUILDING
- G4. ALL FINISH MATERIALS MUST COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE AS ADOPTED BY THE STATE OF INDIANA

KEY NOTES:

- (2A) FINISH GRADE. SEE SITE PLANS
- (3A) CONCRETE PORCH OR PATIO
- (3B) CONCRETE GRADE-BEAM FOUNDATION. SEE WALL SECTION ON SHEET A1 & SLAB/FOUNDATION PLAN ON SHEET A2
- (4A) 8" CMU FOUNDATION WALL. SEE WALL SECTION ON SHEET A1
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- (6D) 1x4 PAINTED TRIM BOARD, TYPICAL
- (6E) 6x6 TREATED POST, PAINTED, TYPICAL
- (6F) SLOPED CUT 2x TRIM BOARD, FLASH AS REQUIRED
- (7A) VINYL HORIZONTAL SIDING W/ 6" EXPOSURE
- (7B) SEMI-CONCEALED ATTIC RIDGE VENT, INSTALLED PER MANUFACTURER'S SPECIFICATIONS
- (7C) STD. SINGLE PIECE EXTRUDED ALUMINUM GUTTER
- (7D) STD. DOWNSPOUT W/ SPLASH BLOCK
- (7E) 25 YR. (MIN.) COMPOSITION ROOF SHINGLES OVER 15# FELT ROOFING PAPER
- (7F) WINDOW, PER PLAN
- (8A) 3'-0" W. x 6'-0" H. CLASS "C" HOLLOW METAL 6 PANEL DOOR UNIT W/ ALUMINUM THRESHOLD
- (8B) DECORATIVE FAUX VENT
- (11A) LIGHT FIXTURE TO BE SELECTED

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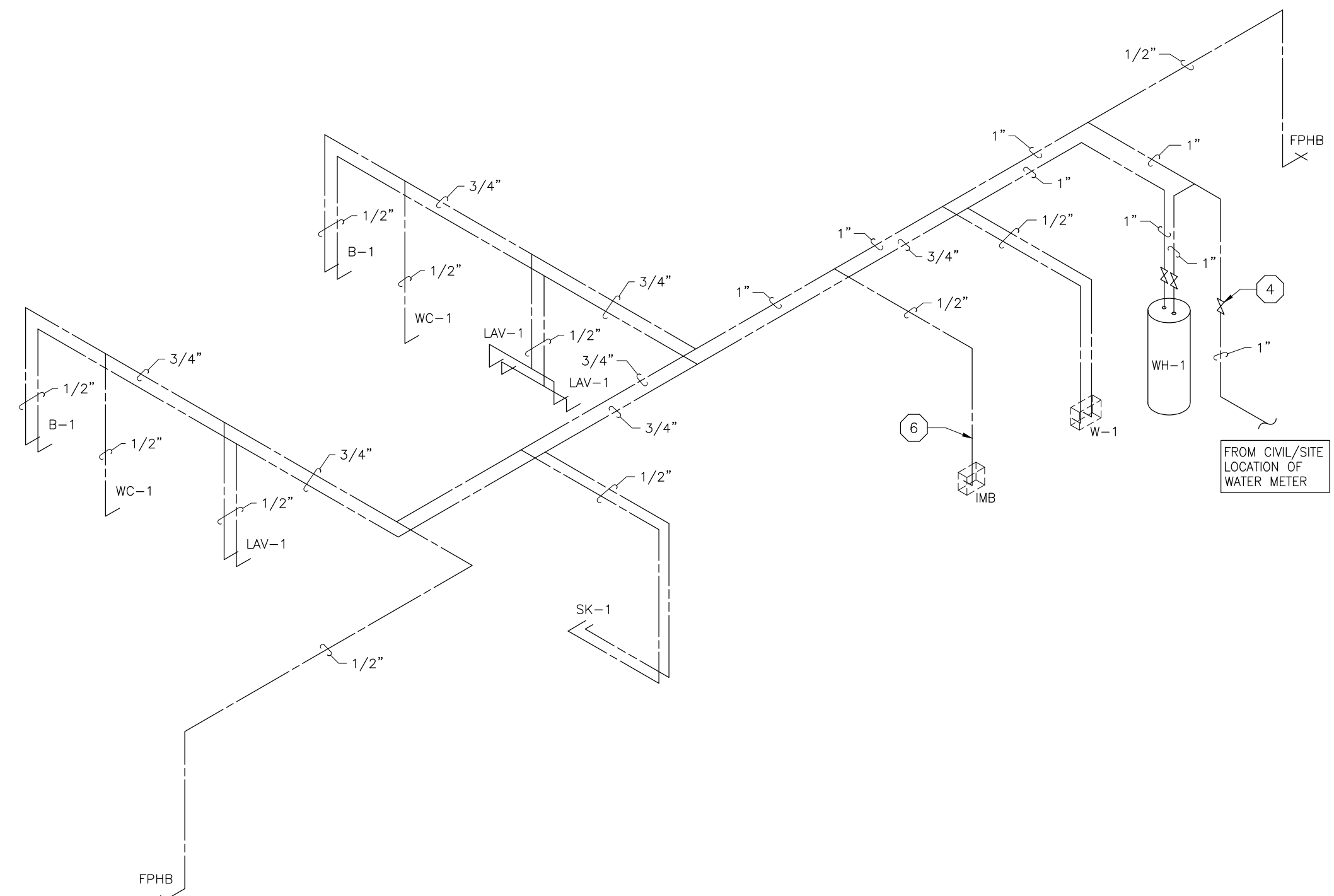
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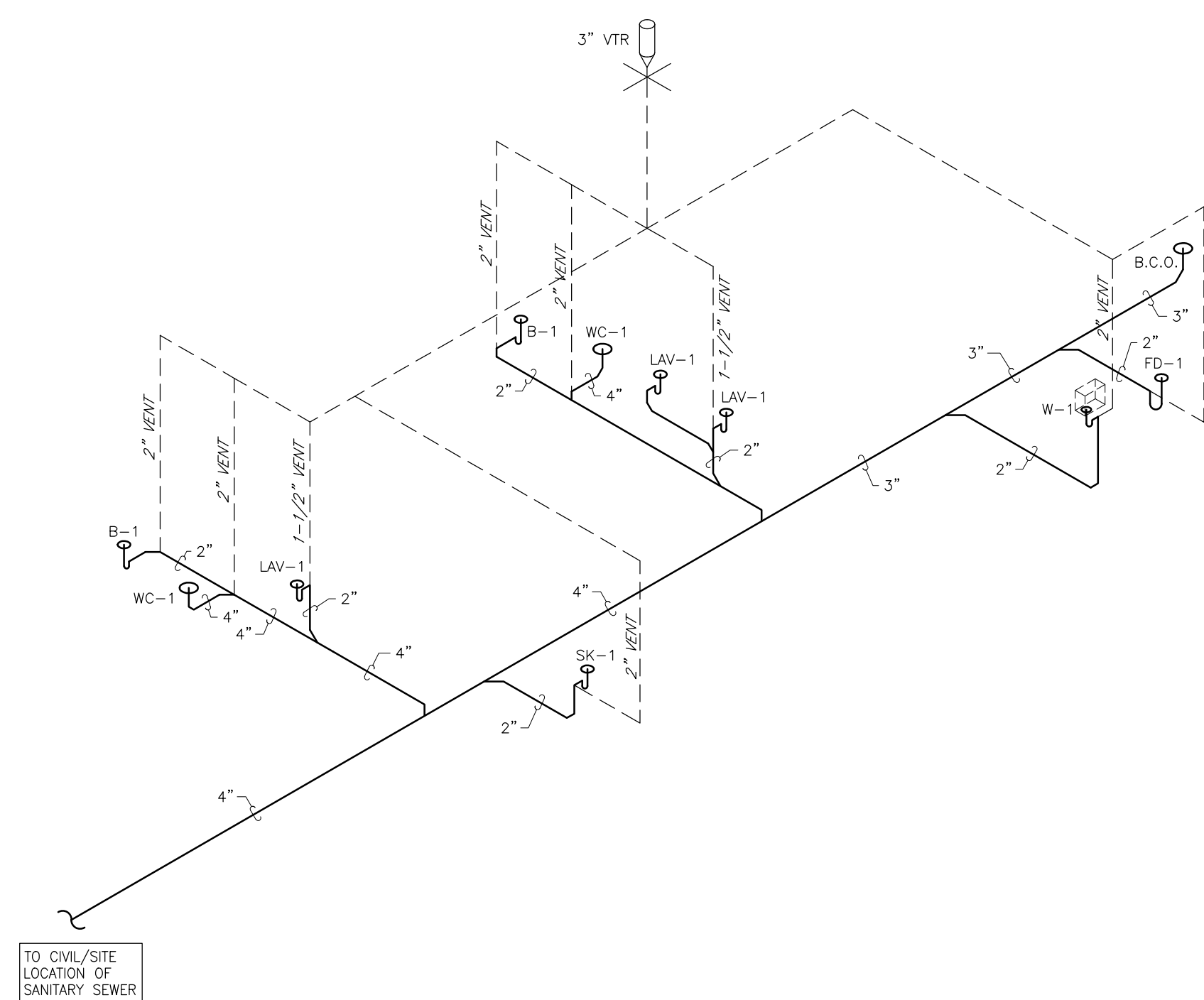
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ALTERNATE EXTERIOR BUILDING ELEVATIONS



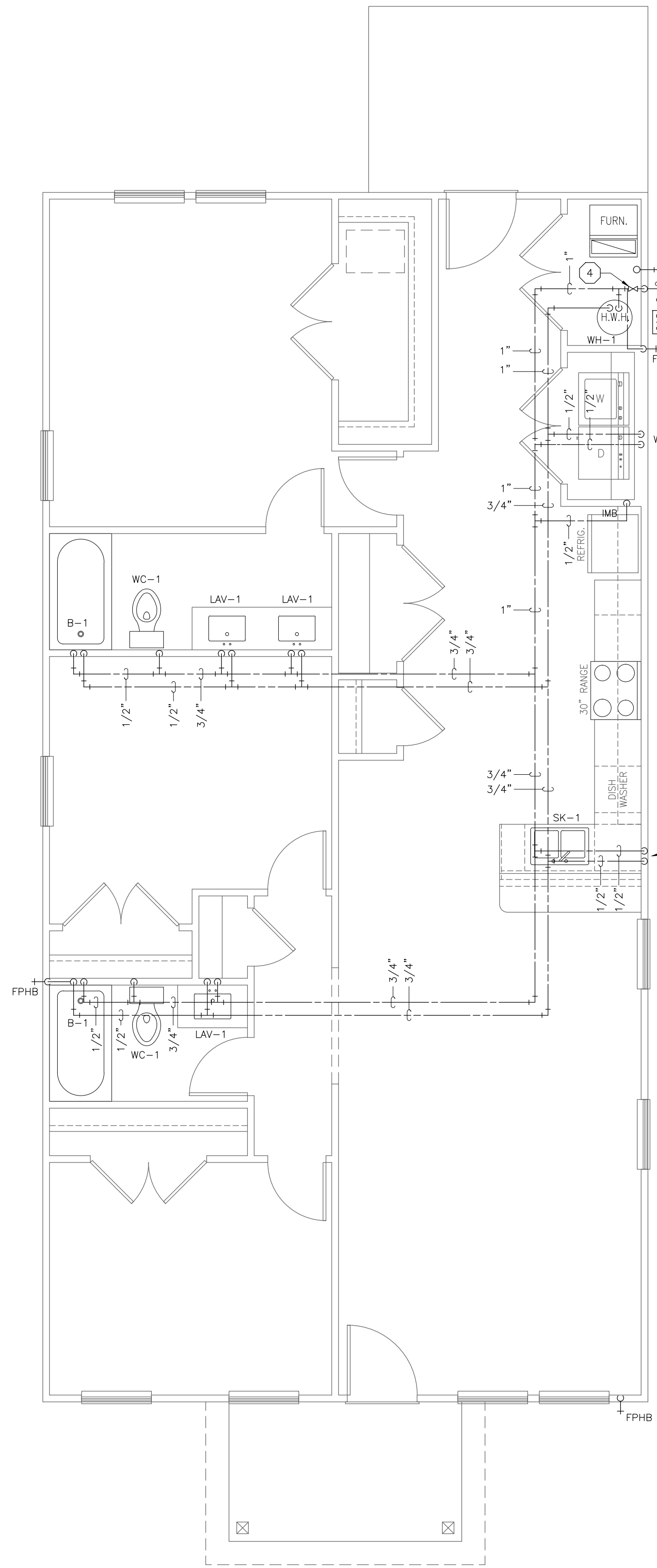
PLUMBING ISOMETRIC

SCALE: N.T.S.



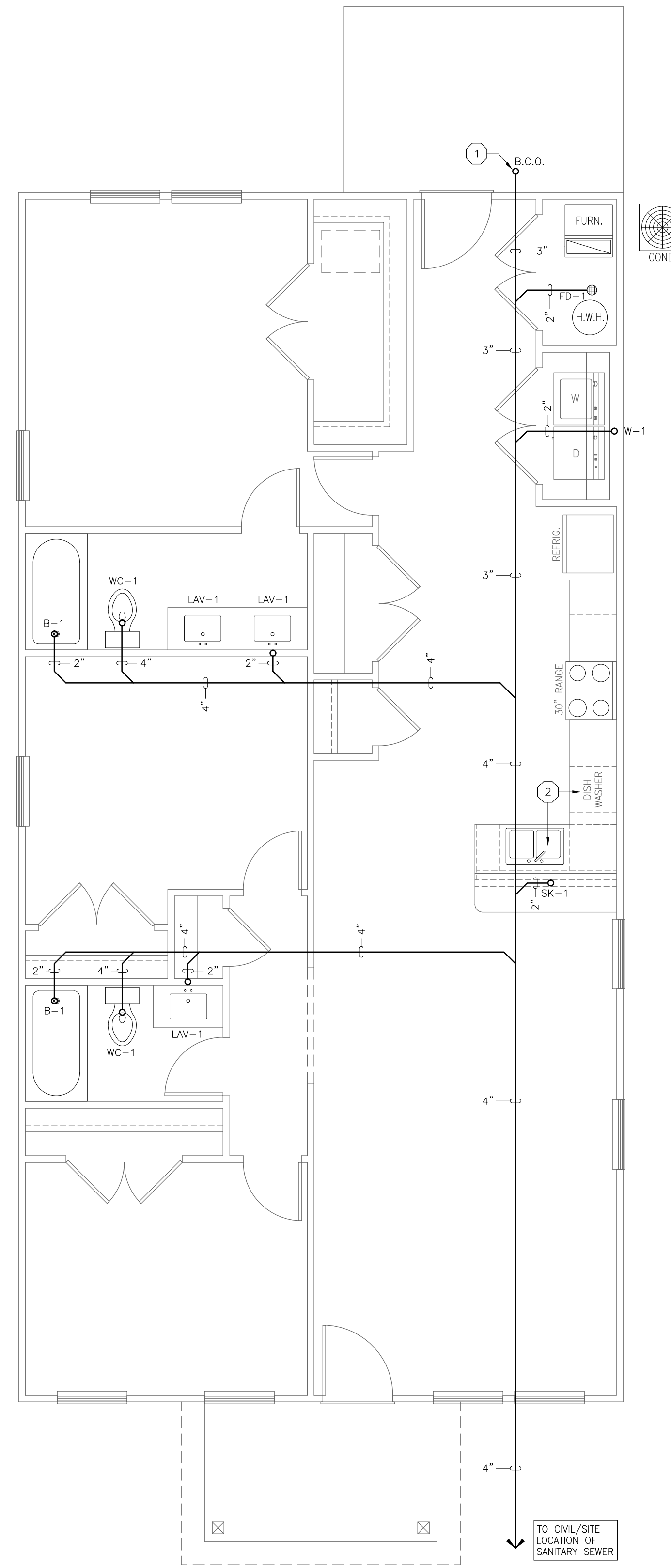
SANITARY ISOMETRIC

SCALE: N.T.S.



PLUMBING FLOOR PLAN

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



SANITARY FLOOR PLAN

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

GENERAL NOTES:

- G1. ALL WASTE AND VENT PIPING SHALL BE SCHEDULE 40 PVC
- G2. ALL WORK SHALL BE IN FULL ACCORDANCE WITH 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006)
- G3. VENTS BELOW THE FLOOR & BELOW THE FLOOD LEVEL OF THE FIXTURE ARE NOT PERMITTED. THE MAXIMUM DISTANCE FROM FLOOR DRAIN TO VENT IS 5'-0" AND MAXIMUM DISTANCE FROM WATER CLOSET TO VENT IS 6'-0"
- G4. VENTS SHALL TERMINATE A MINIMUM DISTANCE ABOVE THE ROOF AS PER 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006) AND SHALL BE 10'-0" MINIMUM FROM ALL AIR INTAKES. WHERE POSSIBLE, THE VENTS TOGETHER TO AVOID EXCESSIVE ROOF PENETRATIONS
- G5. ALL HORIZONTAL WASTE AND DRAIN PIPING OF 3" IN DIAMETER OR LESS MUST BE INSTALLED WITH A GRADE OF AT LEAST 1/4" PER FOOT AND PIPING LARGER THAN 3" IN DIAMETER OR LESS MUST BE INSTALLED WITH A GRADE OF AT LEAST 1/8" PER FOOT
- G6. ALL UNDERGROUND WATER SUPPLY PIPING TO BE TYPE "C" BELOW CONCRETE SLAB. ALL HOT AND COLD WATER PIPING SHALL BE TYPE "L" HARD COPPER WITH COPPER OR WROUGHT BRASS FITTINGS OR CPVC PER 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006)
- G7. FLUX AND SOLDER FOR THE USE OF JOINING POTABLE WATER PIPING MUST BE LEAD FREE
- G8. ALL HOT AND COLD WATER PIPING SHALL BE COVERED WITH 1/2" ARMAFLEX PIPE INSULATION
- G9. BACKFLOW PREVENTERS MUST BE IN ACCORDANCE WITH 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006)
- G10. PLUMBING CONTRACTOR SHALL PROVIDE SHUT-OFF VALVES AT EACH FIXTURE
- G11. ALL TRADE CONTRACTORS SHALL COORDINATE WITH EACH OTHER THE LOCATIONS OF ALL PLUMBING LINES, DUCTWORK, AND ELECTRICAL SERVICES TO AVOID CONFLICTS WITH EACH OTHER
- G12. ALL INSTALLATIONS SHALL BE COMPLETE, TESTED AND TOTALLY FUNCTIONAL, EVEN THOUGH EACH AND EVERY ITEM MAY NOT BE SHOWN OR SPECIFICALLY CALLED OUT
- G13. ALL PLUMBING NOT SPECIFICALLY REFERENCED ABOVE SHALL BE ACCORDING TO THE 2012 INDIANA PLUMBING CODE (INTERNATIONAL PLUMBING CODE 2006)
- G18. CONTRACTORS SHALL NOT CUT OPENINGS IN STRUCTURAL MEMBERS
- G19. PLUMBING CONTRACTOR SHALL INSTALL DIELECTRIC UNIONS AT ALL CONNECTIONS OF DISSIMILAR METALS
- G20. PLUMBING CONTRACTOR SHALL ROUGH-IN ALL WASTE AND SUPPLY LINES TO FIXTURES / EQUIPMENT ACCORDING TO MANUFACTURER'S SHOP DRAWINGS AND MAKE FINAL CONNECTIONS. ALL SUPPLIES SHALL BE VALVED
- G21. INSTALL ALL WATER HEATING EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE WATER HEATER ISOLATION VALVES

KEY NOTES:

- 1 BUILDING CLEANOUT W/ WEATHERPROOF ACCESS COVER
- 2 DSH WASHER DRAINS INTO DISPOSAL
- 3 WATER METER PIT BY OTHERS. SEE CIVIL/SITE PLAN FOR LOCATION
- 4 INTERIOR WATER SHUTOFF BALL VALVE
- 5 HW & CW DN IN WALL FOR SK-1 & DSHWASHER
- 6 GAS METER BY OTHERS. SEE CIVIL/SITE PLAN FOR LOCATION
- 7 SIZE GAS LINE TO SUPPORT 100,000 BTU FURNACE AND 40 GALLON GAS HOT WATER HEATER

PLUMBING FIXTURE SCHEDULE

WC-1	RESIDENTIAL GRADE WATER CLOSET, TANK TYPE
LAV-1	23"x18" NOM. OVAL SELF RIMMING LAVATORY AND TWO HANDLE FAUCET (WRIST-BLADE STYLE HANDLES)
SK-1	S.S. TWO BASIN KITCHEN SINK WITH TWO HANDLE GOOSENECK STYLE FAUCET (WRIST-BLADE STYLE HANDLES), AND UNDERSINK GARBAGE DISPOSAL
FD-1	2" FLOOR DRAIN - CAST IRON BODY WITH INTEGRAL TRAP AND FLOOR CLEANOUT, FLASHING COLLAR; AND NICKLE BRONZE ROUND ADJUSTABLE STRAINER WITH SECURED SQUARE HOLE GRATE
FPHB	FREEZE-PROOF HOSE BIBB
B-1	32"x60" SINGLE PIECE FIBERGLASS TUB/SHOWER COMBO UNIT W/ SINGLE KNOB SAFETY CONTROL
WH-1	40 GALLON RESIDENTIAL GRADE GAS HOT WATER HEATER
W-1	WASHING MACHINE HOT/COLD/RAIN HOOKUP BOX
IMB	ICE MAKER SUPPLY BOX WITH 3/8" SUPPLY VALVE AND LINE TO REFRIGERATOR

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STRUCTURE MIDWEST

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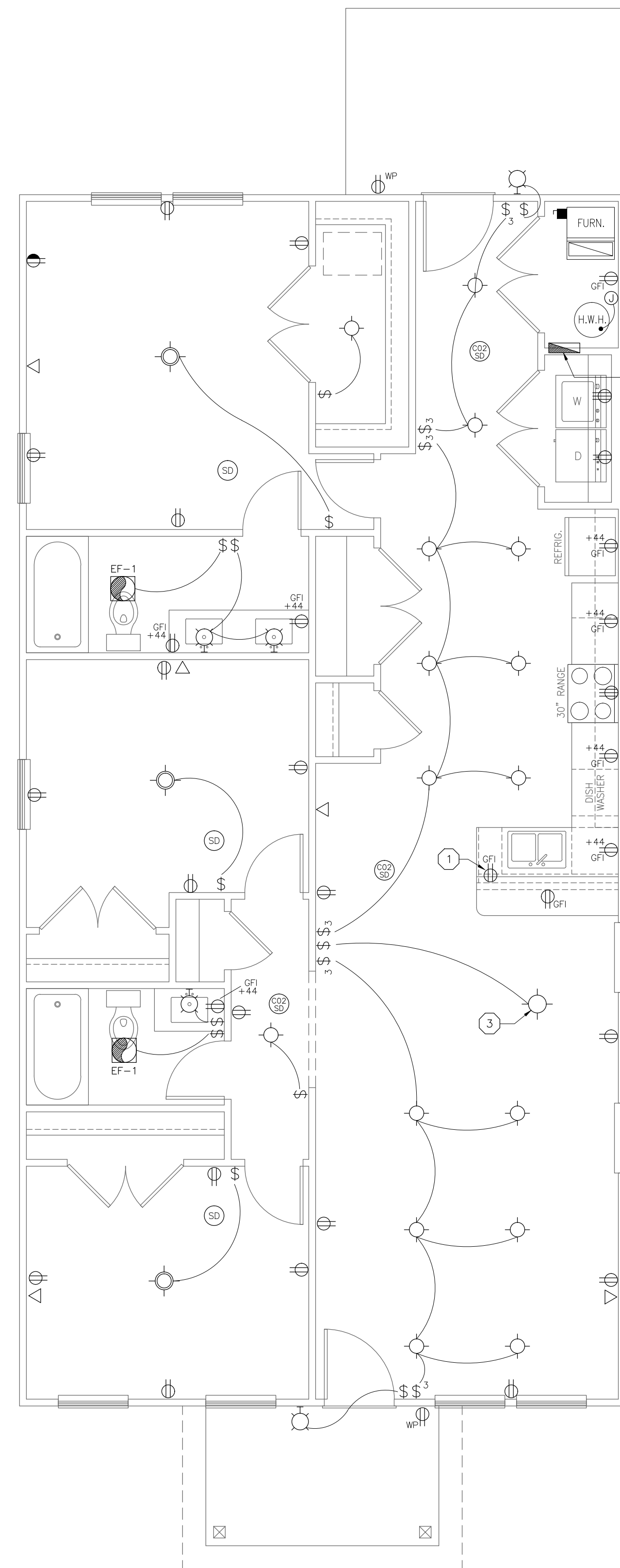
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PLUMBING PLANS & ISOMETRICS

P1

PLAN NORTH
(SEE SITE PLAN)



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

GENERAL NOTES:

- ELECTRICAL**
- THE ELECTRICAL CONTRACTOR SHALL CONSULT WITH THE LOCAL POWER COMPANY AND PROVIDE ALL MATERIALS AND LABOR AND PAY ALL COSTS AND FEES NOT BORNE BY THE LOCAL POWER COMPANY TO PROVIDE A COMPLETE ELECTRICAL SERVICE.
 - ALL ELECTRICAL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE - N.E.C., LATEST EDITION, WITH ADOPTED STATE AMENDMENTS, AND SHALL BE PERFORMED IN A GOOD WORKMANLIKE MANNER. WORK SHALL BE IN ACCORDANCE WITH ALL LOCAL CODES AND INSPECTIONS.
 - NO CIRCUIT OR FEEDER SHALL EXCEED 3% VOLTAGE DROP.
 - ANY CONDUCTORS RUNNING UNDERGROUND (SERVICE, FEEDERS, BRANCH CIRCUITS, ETC.) TO HAVE "WET LOCATOR" RATING IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEC, SECTION 310-8.
 - ALL WIRING SHALL BE SIZED ACCORDING TO THE NEC ARTICLE 310-15.
 - SPLICES SHALL BE MADE ONLY AT ACCESSIBLE LOCATIONS, OUTLET BOXES, PANELBOARDS, JUNCTION BOXES, ETC. TERMINAL CONNECTIONS AND SPLICES IN ALL WIRE #6 AND LARGER SHALL BE MADE WITH APPROVED SOLDERLESS CONNECTORS, PROPERLY INSULATED AND TAPED WHERE NECESSARY. IN SMALLER WIRES ALL SPLICES SHALL BE MADE EITHER WITH APPROVED SOLDERLESS CONNECTORS OR SHALL BE SOLDERED AND TAPED AS REQUIRED TO INSURE PROPER INSULATION.
 - ELECTRICAL BOXES AND FITTINGS SHALL COMPLY WITH UL STANDARD #50, 514-SERIES AND 886 AND NEMA STANDARDS PUBLICATIONS #051, 052 AND PUBLICATION 250.
 - WIRING DEVICES SHALL COMPLY WITH NEC, UL 20, 486A, 498 AND 943, IEEE STANDARD 241 AND NEMA STANDARDS PUBLICATION NO. W01, W02 AND W03.
 - RECEPTACLES SHALL BE GENERAL DUTY TYPE, 2-POLE, 3-WIRE, GROUNDING, 20 AMPS, 125 VOLTS. RECEPTACLES SHALL BE INSTALLED 18" ABOVE FINISH FLOOR, UNLESS OTHERWISE NOTED.
 - SWITCHES SHALL BE GENERAL DUTY, 20 AMPS, 120-277 VOLTS, MOUNTED 42" ABOVE FINISH FLOOR, UNLESS OTHERWISE NOTED.
 - FIXTURE SUPPORTS SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEC, ARTICLE 700.
 - ALL EQUIPMENT SHALL BEAR THE UL LABEL AND BE INSTALLED ACCORDING TO THE LATEST EDITION OF THE NEC.
 - SERVICE EQUIPMENT SHALL BE SUITABLE FOR SHORT-CIRCUIT CURRENT AVAILABLE AT ITS SUPPLY TERMINALS AS PER NEC ARTICLE 230-65.
 - LIGHTING FIXTURES SHALL COMPLY WITH NEC, NEMA, UL AND IES (APPLICABLE ARTICLES).
 - PROVIDE MANUFACTURER'S RECOMMENDED LAMPS FOR ALL FIXTURES AND CLEAN AND REPLACE BURNED OUT LAMPS AT SUBSTANTIAL COMPLETION.
 - ALL DISCONNECTS AND CIRCUIT BREAKERS SHALL BE MARKED FOR IDENTIFICATION.

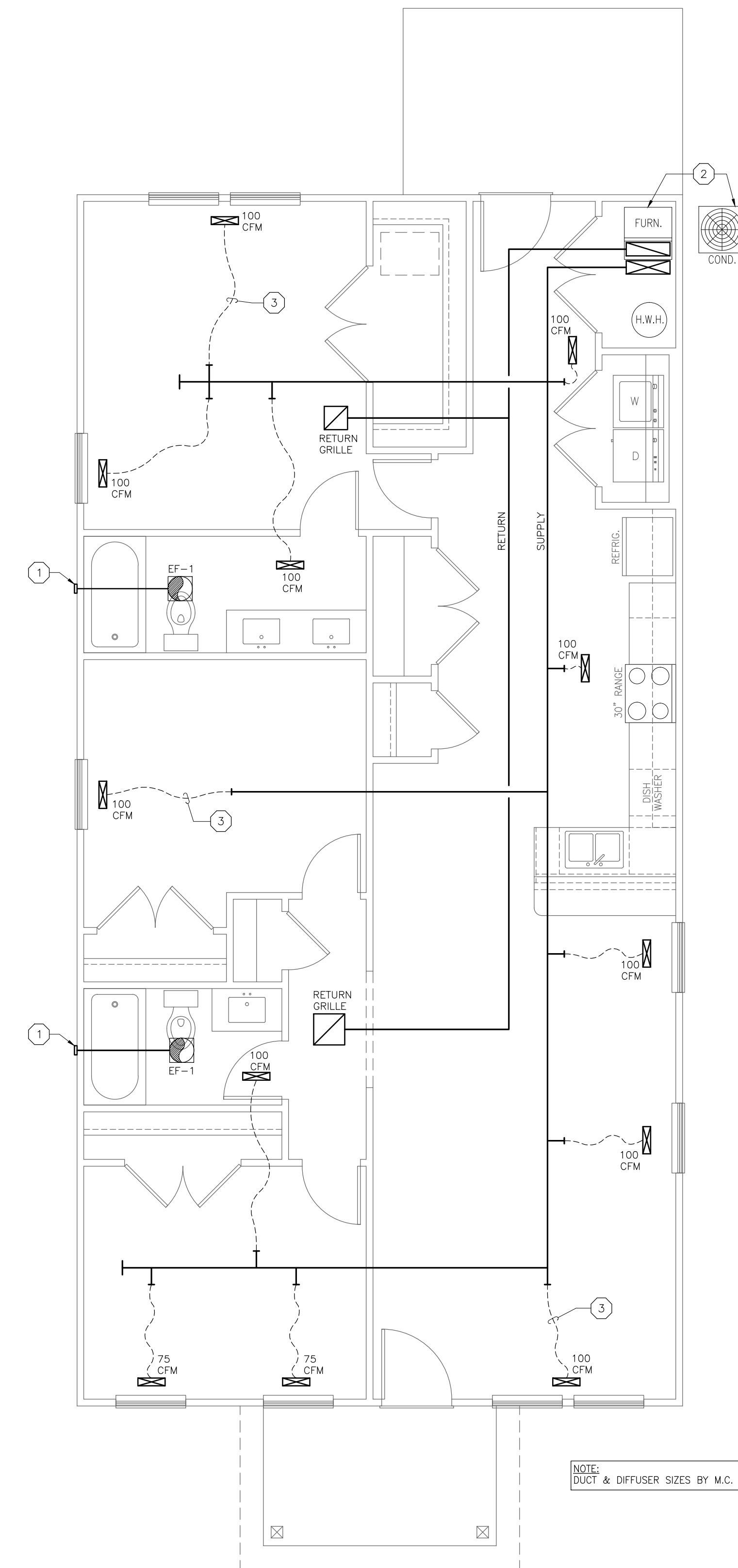
KEY NOTES:

- MOUNT RECEPTACLE ABOVE COUNTER & BELOW BAR SURFACE.
- PROVIDE WEATHERPROOF DISCONNECT ON EXTERIOR OF BUILDING WALL FOR CONDENSING UNIT.
- DINING LIGHT FIXTURE, ROUGH-IN W/ COVER PLATE. FINAL FIXTURE TO BE DECIDED BY HOME OWNER.
- ELECTRIC METER & SERVICE RISER TO BE LOCATED PER SITE CONDITIONS. SEE CIVIL/SITE PLAN.

ELECTICAL & LIGHTING LEGEND

- ⊖ 120V DUPLEX RECEPTACLE
- ⊖ 120V DUPLEX RECEPTACLE, ONE SIDE SWITCHED
- ⊖ 120V QUAD RECEPTACLE
- ⊖ 120V DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER
- ⊖ 240V APPLIANCE RECEPTACLE
- ⊖ JUNCTION BOX
- DISCONNECT
- \$ SINGLE POLE SWITCH
- \$ \$ THREE WAY SWITCH
- +++ DEVICE MOUNTING HEIGHT
- WP DEVICE IN WEATHERPROOF ENCLOSURE OR BOX
- ⚡ ELECTRICAL PANEL, SIZE & TYPE AS NOTED
- ▽ TELEPHONE OUTLET
- ⊙ RECESSED CAN LIGHT, AS SELECTED BY CONTRACTOR
- ⊙ 2 BULB SURFACE MOUNTED LIGHT FIXTURE, AS SELECTED BY CONTRACTOR
- ⊙ 75 CFM EXHAUST FAN/LIGHT. SEE HVAC PLANS FOR DUCTING
- ⊙ COMBINATION CO2/SMOKE DETECTOR, WALL MOUNTED, POWERED FROM HOUSE CURRENT W/ BATTERY BACKUP. WHERE ALLOWED BY INSPECTING AUTHORITIES - DETECTORS WILL BE MOUNTED ON WALL - 6" DOWN FROM CEILING. DETECTORS WILL BE INSTALLED IN AREA SHOWN - MAY BE MOVED WITHIN AREA OR AS ALLOWED. DETECTORS WILL BE MOUNTED 3' AWAY FROM ANY RETURN AIR GRILLE. TYPICAL.
- ⊙ SMOKE DETECTOR, WALL MOUNTED, POWERED FROM HOUSE CURRENT W/ BATTERY BACKUP.

NOTE:
FIELD LOCATE YARD LIGHT FIXTURE AS REQUIRED ON-SITE. PROVIDE UNDERGROUND CURRENT LINE AS REQ'D.



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

GENERAL NOTES:

- HVAC**
- MECHANICAL CONTRACTOR TO FURNISH ALL LABOR, MATERIAL & EQUIPMENT REQUIRED FOR THE COMPLETION & OPERATION ON ALL SYSTEMS IN THIS SECTION OF WORK. ALL WORK SHALL BE IN FULL ACCORDANCE WITH 2014 INDIANA MECHANICAL CODE (2012 INTERNATIONAL MECHANICAL CODE), INDIANA ENERGY CODE (ASHRAE 90.1-2007) PER IRRVIENT STATE, COUNTY, CITY CODES AND ORDINANCES AND INDIANA AMENDMENTS, AND SHALL BE PERFORMED IN A GOOD WORKMANLIKE MANNER.
 - INSTALL ALL GAS FIRED FURNACES IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS & NFPA 54.
 - GAS PIPING SHALL BE OF BLACK STEEL PIPE, ASTM 53, A105 OR A120, AND SCHEDULE 40. GAS PIPING IN CONTACT WITH THE GROUND SHALL BE COATED WITH FACTORY INSTALLED POLYETHYLENE TAPE, 20 MILS. GAS COCKS, 2" & SMALLER, SHALL BE 150 PSI W.O.G., BRONZE BODY. USE THREADED JOINTS & FITTING FOR 2" & SMALLER PIPE. WELDED JOINTS FOR LARGER PIPE. INSTALL GAS PIPING IN STRICT ACCORDANCE WITH NFPA 54, NATIONAL FUEL GAS CODE. DO NOT INSTALL GAS PIPING IN CONCEALED SPACES, WITHOUT APPROVAL OF GOVERNING AUTHORITY. INSTALL SHUT-OFF COCKS, SEDIMENT TRAPS, & UNIONS AT ALL EQUIPMENT ITEMS. BOND SYSTEM TO A GROUNDING ELECTRODE IN ACCORDANCE WITH NFPA 70.
 - ALL PIPING, DUCTS, VENTS, ETC. EXTENDING THROUGH WALLS & ROOF SHALL BE FLASHED, COUNTER FLASHED IN A WATERPROOF MANNER WITH LEAD ROOF JACK.
 - ALL DUCTWORK INSULATION SHALL BE RUN CONTINUOUSLY THROUGH FLOORS, PARTITIONS.
 - ALL PIPING & DUCTWORK LOCATIONS SHALL BE COORDINATED WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS, TO AVOID INTERFERENCE. COORDINATE WITH ALL OTHER TRADES PRIOR TO PURCHASING OR INSTALLING EQUIPMENT & MATERIALS.
 - METAL DUCTWORK SHALL COMPLY WITH SMACNA " HVAC DUCT CONSTRUCTION STANDARDS, METAL & FLEXIBLE." COMPLY WITH ASHRAE HANDBOOK FOR INSTALLATION OF METAL DUCTWORK. ALSO COMPLY WITH NFPA 90A. ALL TRUNK METAL DUCTWORK SHALL BE WRAPPED WITH 1-1/2" FOIL BACK INSULATION OR PROVIDE 1" FIBERGLASS DUCT BOARD WITH PROPER SUPPORTS OR INTERNAL LINING WITH 1" FIBERGLASS DUCT INSULATION. ALL SQUARE ELBOWS SHALL HAVE ARBOL TYPE TURNING VANES. PROVIDE VOLUME CONTROL DAMPERS AT ALL BRANCH DUCTS TO DIFFUSERS & A MAXIMUM OF 5 FEET ABOVE THE CEILING. ALL DUCTWORK SHALL BE GALV. SHEET METAL & SHALL BE CONSTRUCTED & INSTALLED IN ACCORDANCE WITH SMACNA STANDARDS. INDICATED DUCT SIZES ARE NET FREE AREA. FOR INTERNALLY LINED DUCTS, INCREASE RECTANGULAR SHEET METAL DUCT SIZE BY TWO TIMES THE THICKNESS OF THE INSULATION.
 - MAXIMUM FLEXIBLE DUCT LENGTH SHALL BE 10'-0". ALL FLEXIBLE DUCT SHALL CONFORM TO THE REQUIREMENTS OF U.L. 181 FOR CLASS 1 FLEXIBLE AIR DUCTS. SUPPORT TO ELIMINATE SAGGING & KINKING.
 - SUPPORT DUCTS RIGIDLY WITH SUITABLE GALVANIZED TEES & FASTENERS & RUN IN NEAT STRAIGHT LINES, TIGHT TO STRUCTURES OR WALLS. DO NOT OBSTRUCT USABLE SPACE. WHERE DUCTS PASS THROUGH WALLS, FLOORS, CEILING, ETC., PROVIDE FLANGES & APPROPRIATE SEALING METHODS TO APPEARANCE. PROVIDE FIRE STOPPING AS REQUIRED FOR FIRE RATED PENETRATIONS.
 - ALL HVAC EQUIPMENT TO BE INSTALLED PER MFG. REQUIREMENTS AS SHOWN. UTILIZE FACTORY FILTERS DURING CONSTRUCTION & REPLACE WITH REPLACEABLE MEDIA IN METAL FILTER FRAME JUST PRIOR TO TEST & BALANCE AT TIME BUILDING IS TURNED OVER. COORDINATE WITH OWNER.
 - PROVIDE FLEXIBLE CONNECTIONS AT ALL EQUIPMENT FOR SOUND & VIBRATION ISOLATION.
 - INSTALL METAL/STOS DOUBLE LINED FLEX, SIZE AS RECOMMENDED BY MANUFACTURER. UP THROUGH ROOF. UNLESS A 90% EFFICIENT FURNACE IS USED, THEN PVC PIPING WILL BE RUN AS RECOMMENDED BY THE MANUFACTURER.
 - MAINTAIN MINIMUM 1'-0" BETWEEN OUTDOOR AIR INTAKES & EXHAUST FAN DISCHARGE, PLUMBING VENT, ETC.
 - INSTALL ACCESSORY ITEMS, SUCH AS THROUGH THE WALL UNITS, AIR CLEANERS, HUMIDIFIERS, ETC. IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.
 - PROVIDE & INSTALL ALL CONDENSATE DRAIN LINES OVER FLOOR DRAINS.
 - THERMOSTAT WIRING AND LOCATION: THERMOSTAT MUST BE MOUNTED ON A VERTICAL, VIBRATION-FREE SURFACE FREE FROM AIR CURRENTS AND IN ACCORDANCE WITH THE FURNISHED INSTRUCTION. MOUNT THE THERMOSTAT APPROXIMATELY 5 FEET (1.5M) ABOVE THE FLOOR AREA WHERE IT WILL BE EXPOSED TO A FREE CIRCULATION OF AVERAGE TEMPERATURE. ALWAYS REFER TO THE THERMOSTAT INSTRUCTIONS AS WELL AS UNIT WIRING DIAGRAM AND WIRE ACCORDINGLY.
 - MECHANICAL CONTRACTOR SHALL BALANCE SYSTEM TO WITHIN 10% OF AIR QUANTITIES INDICATED ON PLANS.
 - ALL CONTROL WIRING & CONDUIT SHALL COMPLY WITH NEC.
 - PIPE & DUCT ROUTING SHOWN IS SCHEMATIC. HVAC CONTRACTOR SHALL PROVIDE ANY ADDITIONAL OFFSETS AND FITTINGS, INCLUDING DIVIDED DUCTS, REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES AS ENCOUNTERED IN THE FIELD.
 - LIGHT FIXTURE LOCATIONS TAKE PRECEDENCE OVER DIFFUSER AND GRILLE LOCATIONS. LOCATE DIFFUSERS AND GRILLES TO ACCOMMODATE LIGHTING LAYOUT.

KEY NOTES:

- PROVIDE WALL JACK W/ BRD SCREEN FOR BATHROOM EXHAUST FAN.
- 3 TON ELECTRIC/100,000 BTU GAS FURNACE & CONDENSER UNIT, 1200 CFM MAX.
- FLEX DUCT, TYPICAL.

NOTE:
DUCT & DIFFUSER SIZES BY M.C.

INDIANA

ANYTOWN

STRUCTURE MIDWEST

INDIANAPOLIS, INDIANA

HOUSE PLANS FOR:

"THE NEST"

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HVAC & ELECTRICAL PLANS

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