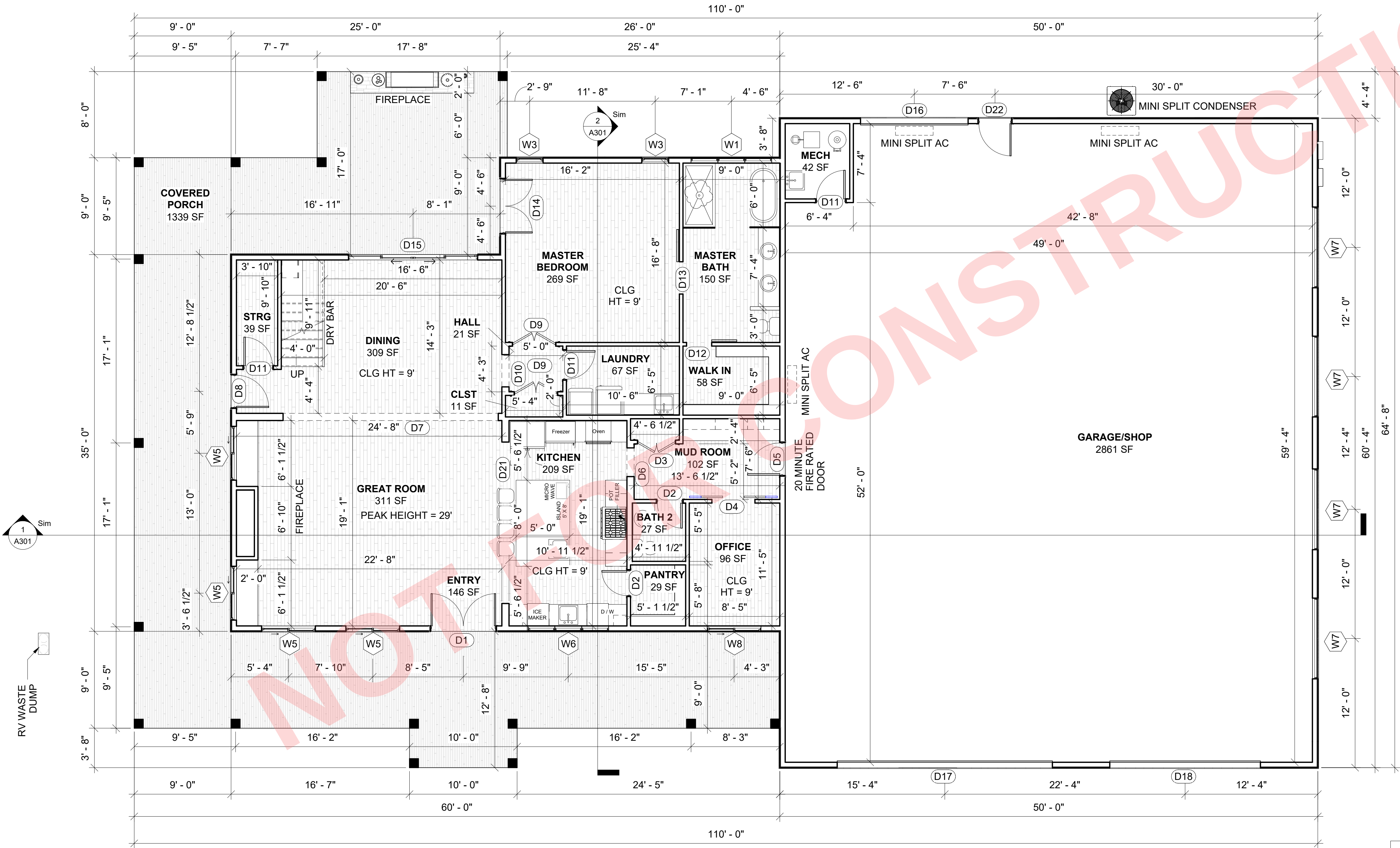


EXTERIOR COMBUSTION AIR DUCTS FOR FACTORY-BUILT FIREPLACES SHALL BE A LISTED COMPONENT OF THE FIREPLACE AND SHALL BE INSTALLED IN ACCORDANCE WITH THE FIREPLACE MANUFACTURER'S INSTRUCTIONS.



1 MAIN LEVEL PLAN
3/16" = 1'-0"

DOOR SCHEDULE				
Type Mark	Type	Count	Width	Height
D1	6080 EXTERIOR DD	1	6' - 0"	8' - 0"
D2	2480	5	2' - 4"	8' - 0"
D3	3680 DD	1	3' - 6"	8' - 0"
D4	4080 BARN DOOR	1	4' - 0"	8' - 0"
D5	3080 FR	1	3' - 0"	8' - 0"
D6	2880 C.O.	1	2' - 8"	8' - 0"
D7	20080 C.O.	2	20' - 0"	8' - 0"
D8	3080 EXTERIOR FULL-LITE	1	3' - 0"	8' - 0"
D9	4080 DD	2	4' - 0"	8' - 0"
D10	3080 C.O.	1	3' - 0"	8' - 0"
D11	2880	7	2' - 8"	8' - 0"
D12	2480 BARN DOOR	4	2' - 4"	8' - 0"
D13	3080 BARN DOOR	1	3' - 0"	8' - 0"
D14	5080 EXTERIOR	1	5' - 0"	8' - 0"
D15	12080 4-PANEL SD	1	12' - 0"	8' - 0"
D16	1010 GARAGE	1	10' - 0"	10' - 0"
D17	2010 GARAGE	1	20' - 0"	10' - 0"
D18	1414 GARAGE	1	14' - 0"	14' - 0"
D19	6080 DD	1	6' - 0"	8' - 0"
D20	3680 C.O.	2	3' - 6"	8' - 0"
D21	15080 C.O.	1	15' - 0"	8' - 0"
D22	3080 EXTERIOR HALF-LITE	1	3' - 0"	8' - 0"
Grand total: 38		38		

WINDOW SCHEDULE					
Type Mark	Type	Count	Width	Height	Sill Height
W1	7620 SLIDING	2	7' - 6"	2' - 0"	6' - 0"
W2	5046 SLIDING	4	5' - 0"	4' - 6"	3' - 6"
W3	2660 SINGLE HUNG	2	2' - 6"	6' - 0"	2' - 0"
W4	3046 FIXED	1	3' - 0"	4' - 6"	3' - 6"
W5	5060 SLIDING	4	5' - 0"	6' - 0"	2' - 0"
W6	7640 SLIDING	1	7' - 6"	4' - 0"	4' - 0"
W7	7620 FIXED	4	7' - 6"	2' - 0"	10' - 0"
W8	5040 SLIDING	1	5' - 0"	4' - 0"	4' - 0"
W9	5046 FIXED	4	5' - 0"	4' - 6"	3' - 6"
Grand total: 23		23			

AREA SCHEDULE	
NAME	AREA
COVERED DECK	1339 SF
GARAGE	2995 SF
MAIN LEVEL	2041 SF
UPPER LEVEL	1310 SF
Grand total: 4	7685 SF

R308.4.2 PROVIDE SAFETY GLAZING FOR WINDOWS ADJACENT TO DOORS AS REQUIRED IN THIS SECTION

IECC BUILDING ENVELOPE REQUIREMENTS FOR ARIZONA 2006	
CLIMATE ZONE 4	YAVAPAI AND GILA COUNT
WINDOW U-FACTOR.....	0.32
SKYLIGHT U-FACTOR.....	0.60
WINDOW AND SKYLIGHT SHGC	=NO REQUIREMENTS
CEILING R-VALUE.....	R38
WOOD FRAMED WALLS R-VALUE.....	R-13
MASS WALL R-VALUE.....	R-5
FLOOR R-VALUE.....	R-19
BASEMENT WALL R-VALUE.....	R-10/13
SLAB R-VALUE AND DEPTH.....	R-10/, 2 FT.
CRAUL SPACE WALL R-VALUE.....	R-10/13

General Notes



No.	Revision / Issue	Date

Firm Name and Address:

Client Name and Address:

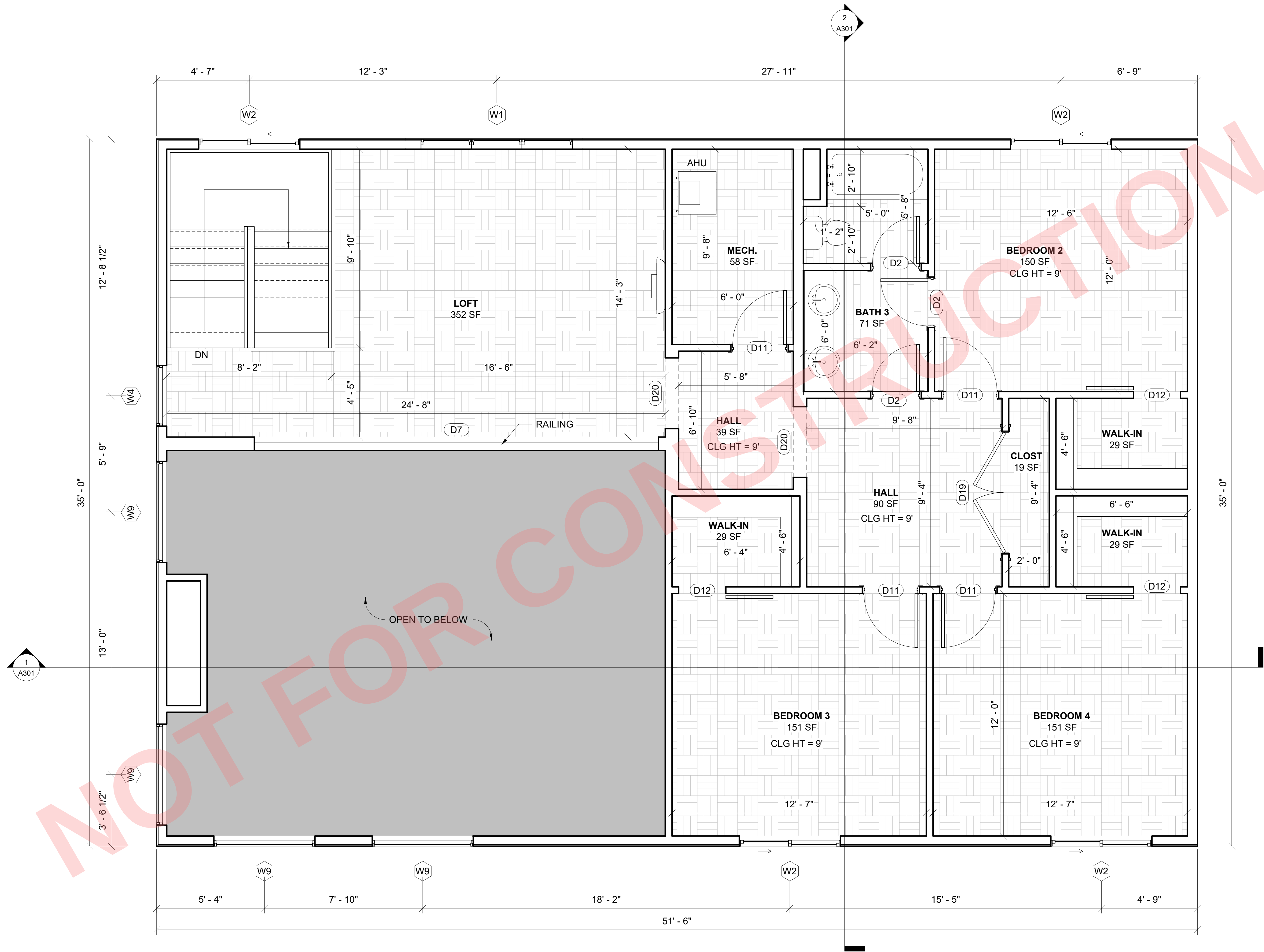
Project25010

Date10/18/2025

Scale3/16" = 1'-0"

SheetA101

EXTERIOR COMBUSTION AIR DUCTS FOR FACTORY-BUILT FIREPLACES SHALL BE A LISTED COMPONENT OF THE FIREPLACE AND SHALL BE INSTALLED IN ACCORDANCE WITH THE FIREPLACE MANUFACTURER'S INSTRUCTIONS.



1 UPPER LEVEL
3/8" = 1'-0"

General Notes



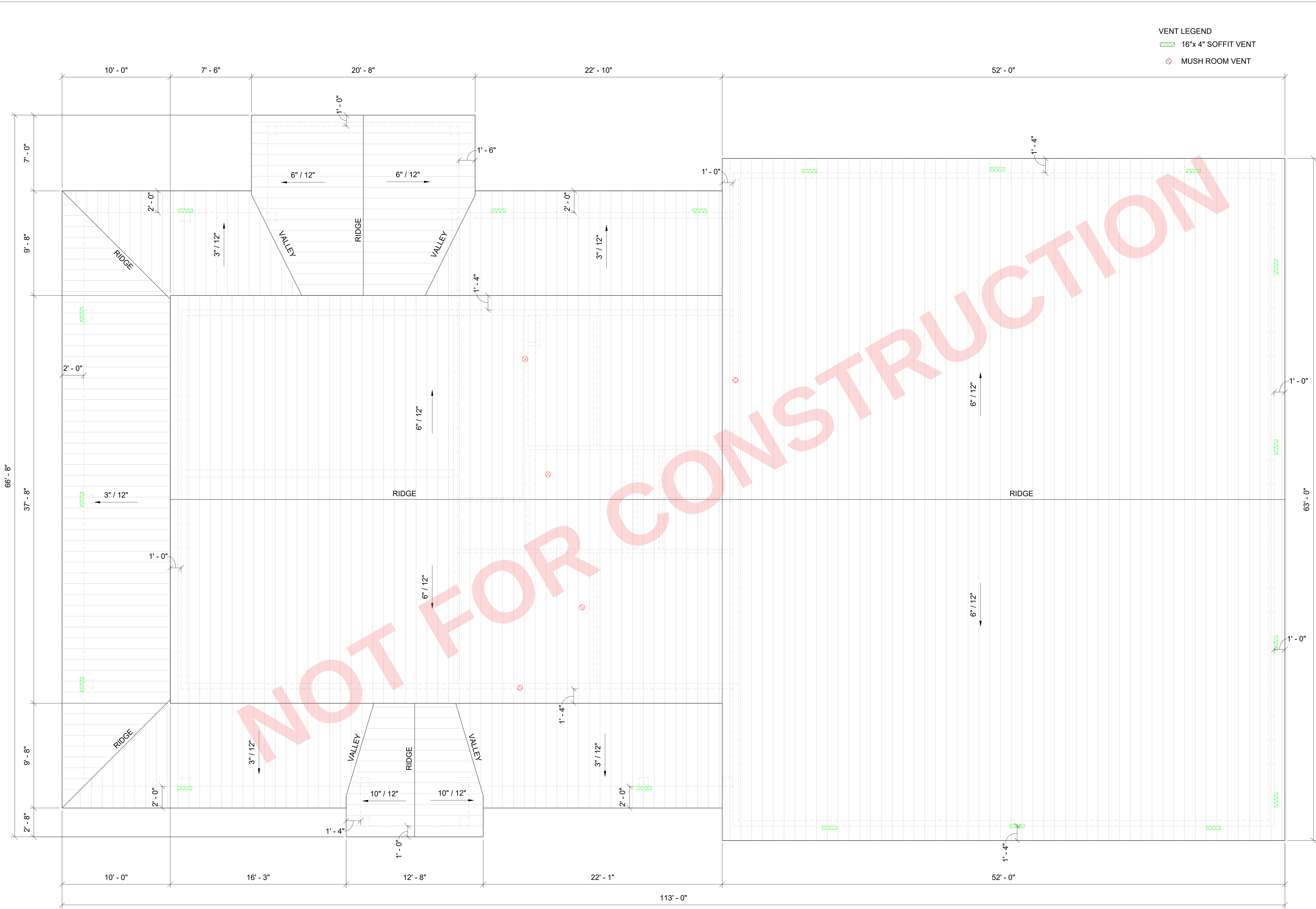
No.	Revision / Issue	Date
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Firm Name and Address:

Client Name and Address:

Project	25010	Sheet
Date	10/18/2025	
Scale	3/8" = 1'-0"	

A102



VENT LEGEND
16"x 4" SOFFIT VENT
MUSH ROOM VENT

General Notes

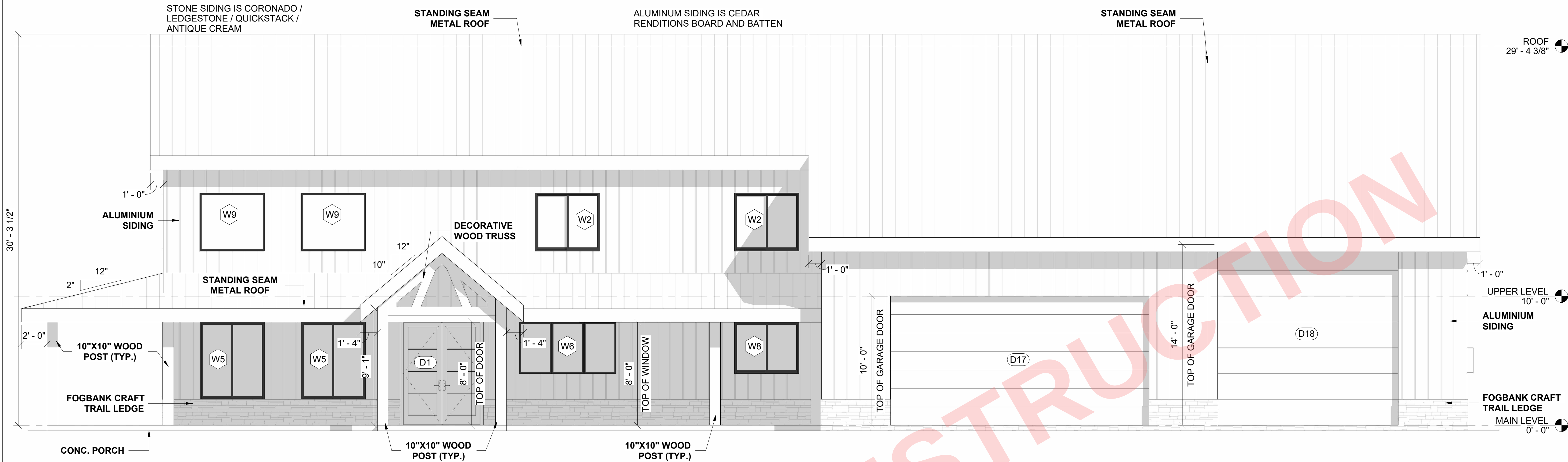


No.	Revision / Issue	Date

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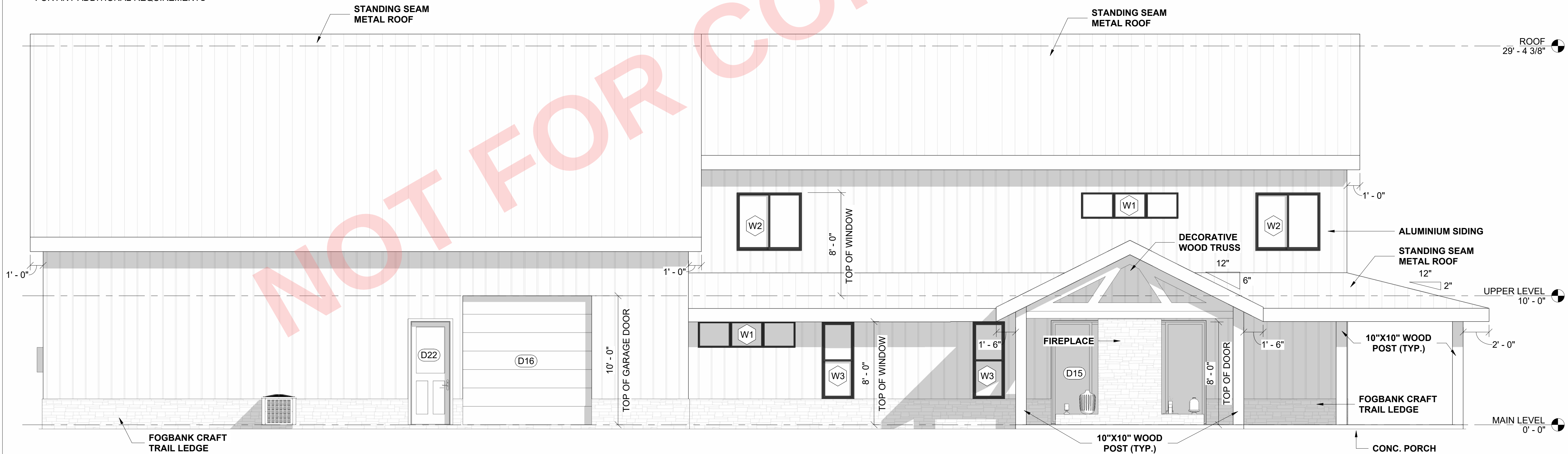
Client Name and Address:

Project 25010	Sheet
Date 10/18/2025	A103
Scale 1/4" = 1'-0"	



1 FRONT ELEVATION
A201 1/4" = 1'-0"

RAIN GUTTERS AND DOWNSPOUTS ARE REQUIRED. POSITIVE DRAINAGE AWAY FROM THE STRUCTURE IS REQUIRED. REFER TO THE GEOTECHNICAL REPORT FOR ANY ADDITIONAL REQUIREMENTS



2 REAR ELEVATION
A201 1/4" = 1'-0"

R310.1 EMERGENCY ESCAPE AND RESCUE OPENING REQUIRED. BASEMENTS, HABITABLE ATTICS AND EVERY SLEEPING ROOM SHALL HAVE NOT LESS THAN ONE OPERABLE EMERGENCY ESCAPE AND RESCUE OPENING. WHERE BASEMENTS CONTAIN ONE OR MORE SLEEPING ROOMS, AN EMERGENCY ESCAPE AND RESCUE OPENING SHALL BE REQUIRED IN EACH SLEEPING ROOM. EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL OPEN DIRECTLY INTO A PUBLIC WAY, OR TO A YARD OR COURT THAT OPENS TO A PUBLIC WAY.

General Notes



No.	Revision / Issue	Date

Firm Name and Address:

Client Name and Address:

Project	25010	Sheet
Date	10/18/2025	A201
Scale	1/4" = 1'-0"	

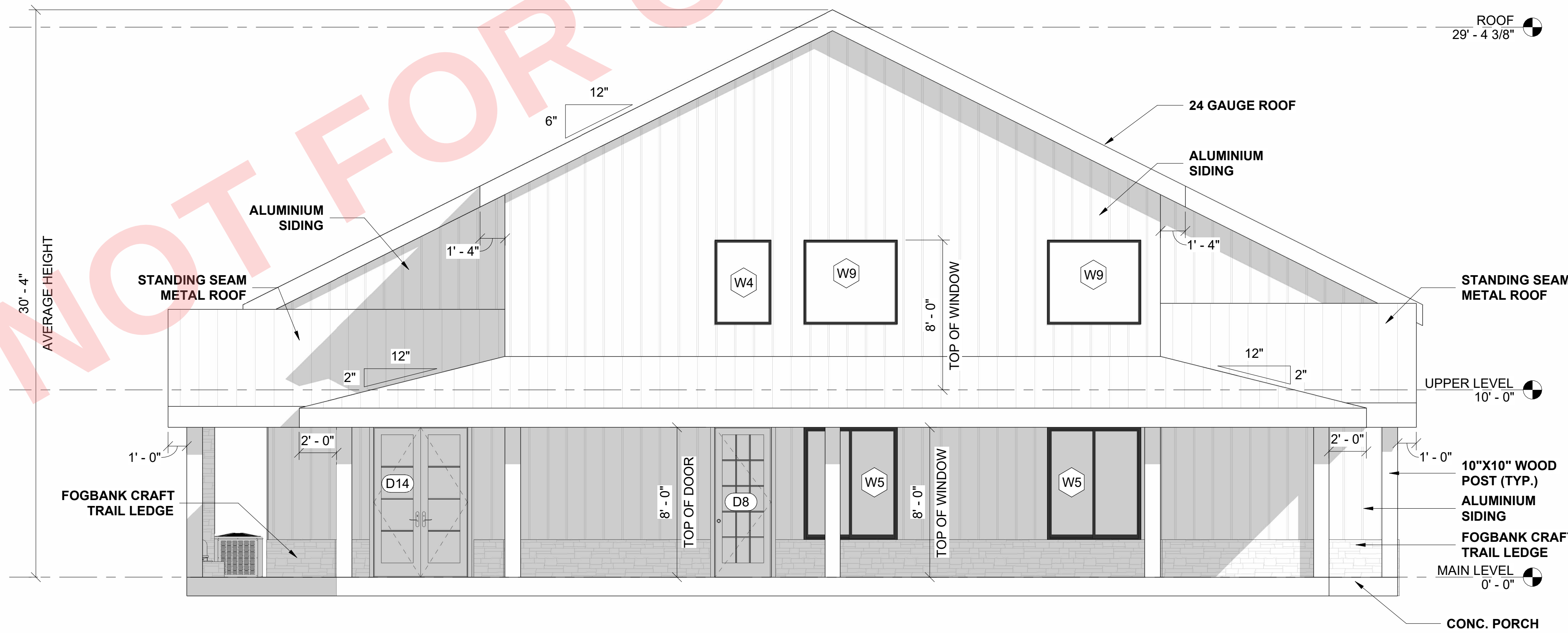
MINIMUM OF 6" IN 10' DRAINAGE AWAY FROM THE BUILDING ON ALL SIDES

ELEVATIONS AND FILL SHOULD BE CHECKED BY CONTRACTOR BEFORE THE BEGINNING OF BUILD

INSTALL WEEP SCREED AROUND ALL PERIMETER



1 RIGHT ELEVATION
A202 1/4" = 1'-0"



2 LEFT ELEVATION
A202 1/4" = 1'-0"

General Notes



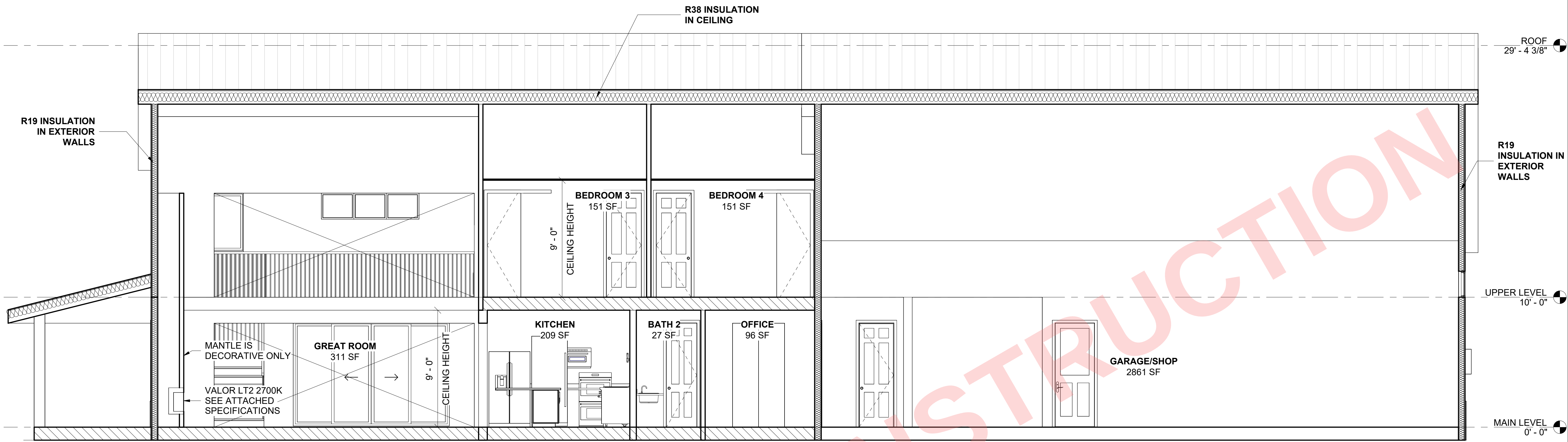
No.	Revision / Issue	Date
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Firm Name and Address:

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Scale	1/4" = 1'-0"	

A202



1 Section 1
A301 1/4" = 1'-0"

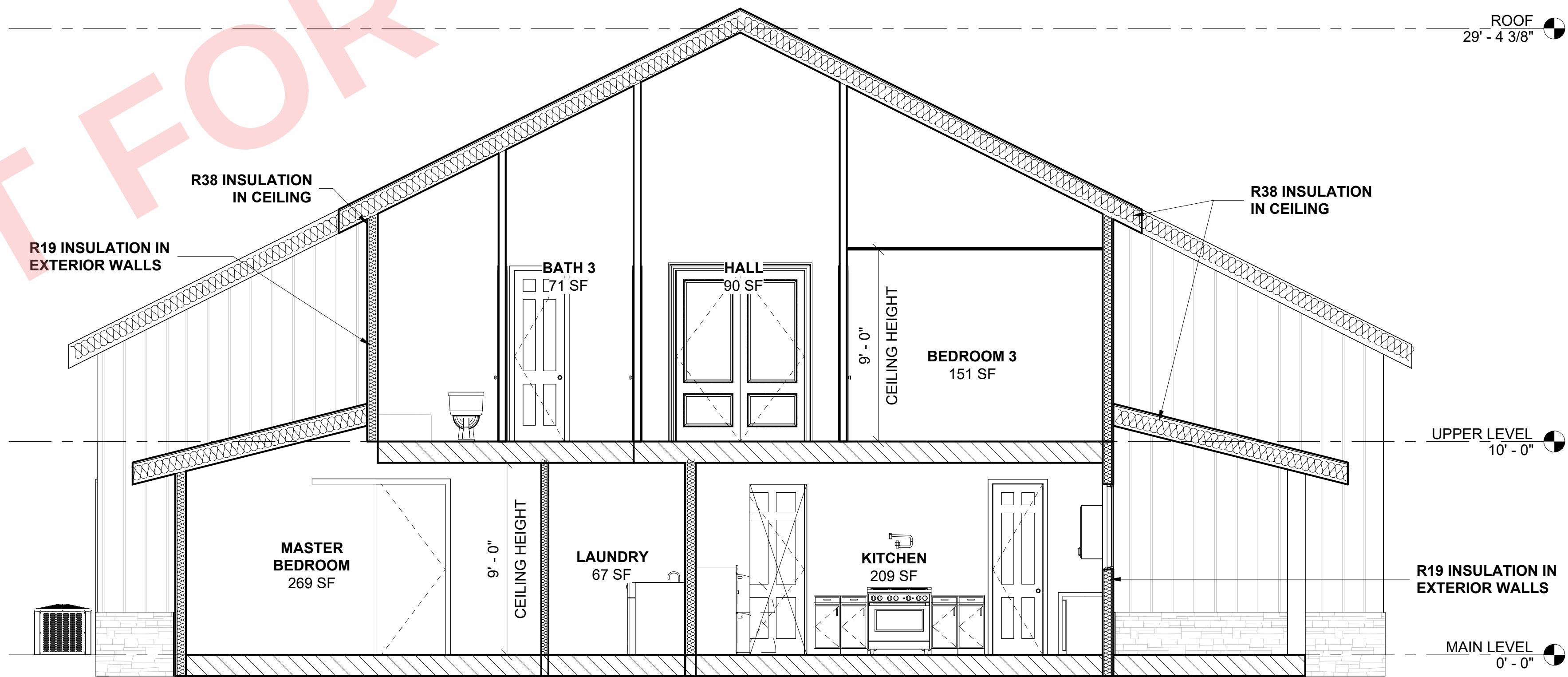
FIREPLACE MANUFACTURER
SPECIFICATIONS AND INSTALLATION
MANUAL TO BE ON SITE AT TIME OF
INSPECTION

VENTILATION NOTE:

R806.1 VENTILATION REQUIRED.
ENCLOSED ATTICS AND ENCLOSED RAFTER SPACES FORMED
WHERE
CEILINGS ARE APPLIED DIRECTLY TO THE UNDERSIDE OF ROOF
RAFTERS SHALL HAVE CROSS VENTILATION FOR EACH SEPARATE
SPACE BY VENTILATING OPENINGS PROTECTED AGAINST THE
ENTRANCE OF RAIN OR SNOW. VENTILATION OPENINGS SHALL HAVE
A
LEAST DIMENSION OF 1/16 INCH (1.6 MM) MINIMUM AND 1/4 INCH (6.4
MM) MAXIMUM. VENTILATION OPENINGS HAVING A LEAST DIMENSION
LARGER THAN 1/4 INCH (6.4 MM) SHALL BE PROVIDED WITH
CORROSION-RESISTANT WIRE CLOTH SCREENING, HARDWARE
CLOTH,
OR SIMILAR MATERIAL WITH OPENINGS HAVING A LEAST DIMENSION
OF 1/16 INCH (1.6 MM) MINIMUM AND 1/4 INCH (6.4 MM) MAXIMUM.
OPENINGS IN ROOF FRAMING MEMBERS SHALL CONFORM TO THE
REQUIREMENTS OF SECTION R802. T. REQUIRED VENTILATION
OPENINGS SHALL OPEN DIRECTLY TO THE OUTSIDE AIR.
EXCEPTION: ATTIC VENTILATION SHALL NOT BE REQUIRED WHEN
DETERMINED NOT NECESSARY BY THE CODE OFFICIAL DUE TO
ATMOSPHERIC OR CLIMATIC CONDITIONS.
R806.2 MINIMUM VENT AREA.
THE MINIMUM NET FREE VENTILATING AREA SHALL BE 1/150 OF THE
AREA OF THE VENTED SPACE.
EXCEPTION: THE MINIMUM NET FREE VENTILATING AREA SHALL BE
1/300 OF TH VENTED SPACE PROVIDED ONE OR MORE OF THE
FOLLOWING CONDITIONS ARE MET

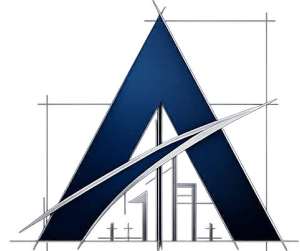
1. IN CLIMATE ZONES 6, 7 AND 8, A CLASS | OR IL VAPOR RETARDER
IS
INSTALLED ON THE WARM-IN-WINTER SIDE OF THE CEILING.

2. AT LEAST 40 PERCENT AND NOT MORE THAN 50 PERCENT OF THE
REQUIRE VENTILATING AREA IS PROVIDED BY VENTILATORS
LOCATED
IN THE UPPER PORTION OF THE ATTIC OR RAFTER SPACE. UPPER
VENTILATORS SHALL BE LOCATED NO MORE THAN 3 FEET (914 MM)
BELOW THE RIDGE OR HIGHEST POINT OF THE SPACE, MEASURED
VERTICALLY, WITH THE BALANCE OF THE REQUIRED VENTILATION
PROVIDED BY EAVE OR CORNICE VENTS, WHERE THE LOCATION OF
WALL OR ROOF FRAMING MEMBERS CONFLICTS WITH THE
INSTALLATION OF UPPER VENTILATORS, INSTALLATION MORE THAN
3 FEET (914 MM) BELOW THE RIDGE OR HIGHEST POINT OF THE
SPACE SHALL BE PERMITTED



2 Section 2
A301 1/4" = 1'-0"

General Notes



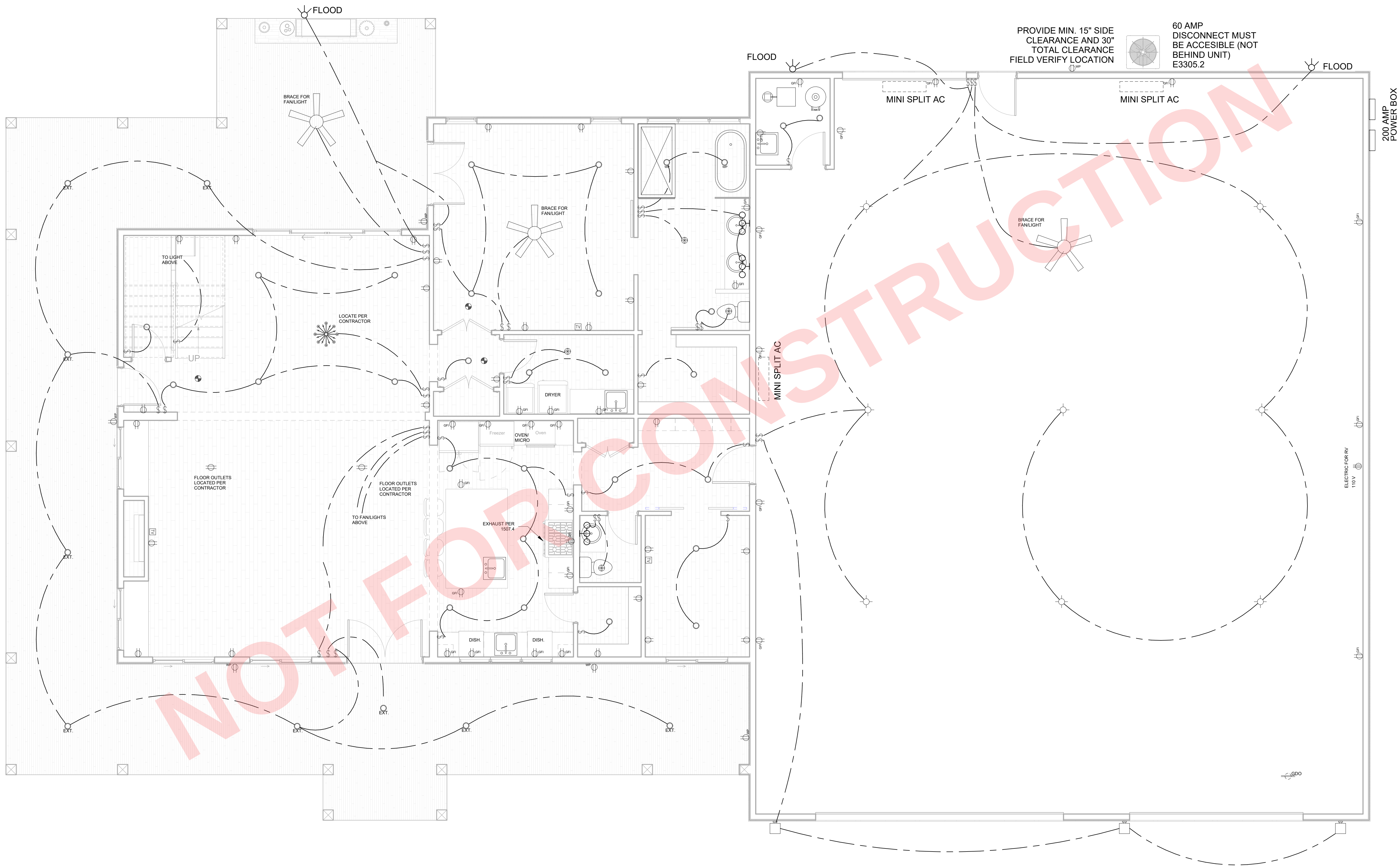
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No.	Revision / Issue	Date

Firm Name and Address:

Client Name and Address:

Project	25010	Sheet
Date	10/18/2025	A301
Scale	1/4" = 1'-0"	



E3901.12 HVAC OUTLET.
A 125-VOLT, SINGLE-PHASE, 15-OR 20-AMPERE-RATED RECEPTACLE OUTLET SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION FOR THE SERVICING OF HEATING, AIR-CONDITIONING AND REFRIGERATION EQUIPEMENT. THE RECEPTACLE SHALL BE LOCATED ON THE SAME LEVEL AND WITHIN 25 FEET (7620MM) OF THE HEATING, AIR CONDITIONING AND REFRIGERATION EQUIPEMENT. THE RECEPTACLE OUTLET SHALL NOT BE CONNECTED TO THE LOAD SIDE OF HVAC EQUIPMENT DISCONNECTING MEANS.

2 MAIN LEVEL ELECTRICAL PLAN
E101 1/4" = 1'-0"

General Notes



No.	Revision / Issue	Date
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Firm Name and Address:

Client Name and Address:

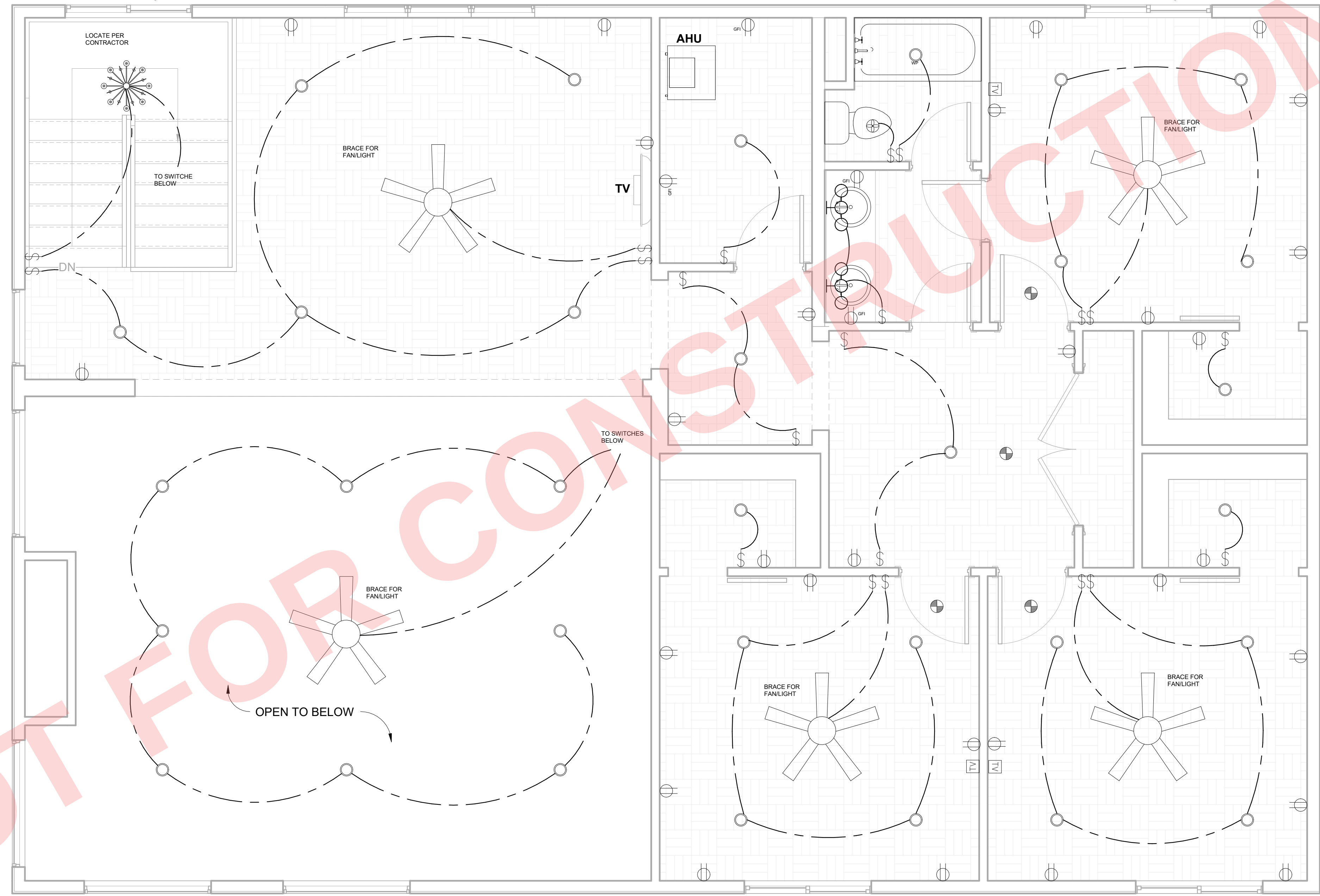
Project	25010	Sheet
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Scale	1/4" = 1'-0"	

ELECTRICAL LEGEND	
ELECTRICAL	SYMBOL
ceiling fan 5 bladed 04	
CAN LIGHT WATERPROOF 6INCH	
can light 6inch	
ceiling classic	
pendant globe	
EXTERIOR CAN LIGHT	
exterior light 04	
GARAGE DOOR OUTLET	
GARBAGE DISPOSAL	
PLUNGER SWITCH	
cable tv outlet	
fan	
floor receptacle duplex	
light	
outlet	
outlet 220v	
outlet gfi	
outlet wp	
smoke detector	
switch	
wall mounted 03 3 lights	
countertop receptacle GFI (1)	

ELECTRICAL NOTES

- RECESSED LIGHT FIXTURES SHALL BE KEPT 2" AWAY FROM INSULATION OR SHALL BE U.I. LABELED FOR DIRECT CONTACT.
- CEILING J-BOXES SHALL BE ANCHORED FOR SUPPORT OF CEILING FANS AND LIGHTS.
- SMOKE DETECTORS SHALL BE 120 VOLT WITH ARC FAULT AND BACK UP POWER SUPPLY AND BE INTERCONNECTED.
- CARBON MONOXIDE DETECTORS SHALL BE 120 VOLT WITH ARC FAULT AND BACK UP POWER SUPPLY AND BE INTERCONNECTED.
- LICENSED ELECTRICAL CONTRACTOR TO DESIGN ALL CIRCUITS AND INSTALL OF METER
- ALL BRANCH CIRCUITS THAT SUPPLY 120 VOLT. SINGLE PHASE. 15 AND 20 AMP OUTLETS INSTALLED IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, AND SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A COMBINATION TYPED ARC-FAULT CIRCUIT INTERRUPTER INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT.
- WIRE FOR 220 V WHERE NEEDED.
- ALL BRANCH CIRCUITS THAT SUPPLY 120-V, SINGLE PHASE. 15 AND 20 AMP OUTLETS INSTALLED IN THE FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS AND SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A COMBINATION TYPED ARC-FAULT CIRCUIT INTERRUPTER INSTALLED TO PROVIDE PROTECTION OF THE BRANC CIRCUIT.
- WIRING RAN IN UNDERGROUND CONDUIT MUST BE RATED FOR WET LOCATIONS (NO ROMEX)

E3902.12 ARC-FAULT CIRCUIT-INTERRUPTER PROTECTION. ALL BRANCH CIRCUITS THAT SUPPLY 120-VOLT, SINGLE PHASE, 15-AND 20-AMPERE OUTLETS INSTALLED IN FAMILY ROOMS, DINING ROOM, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS AND SIMILAR ROOM OR AREAS SHALL BE PROTECTED BY A COMBINATION TYPE ARC-FAULT CIRCUIT INTERRUPTER INSTALLED TO PROBIDE PROTECTION OF THE BRANCH CIRCUIT.



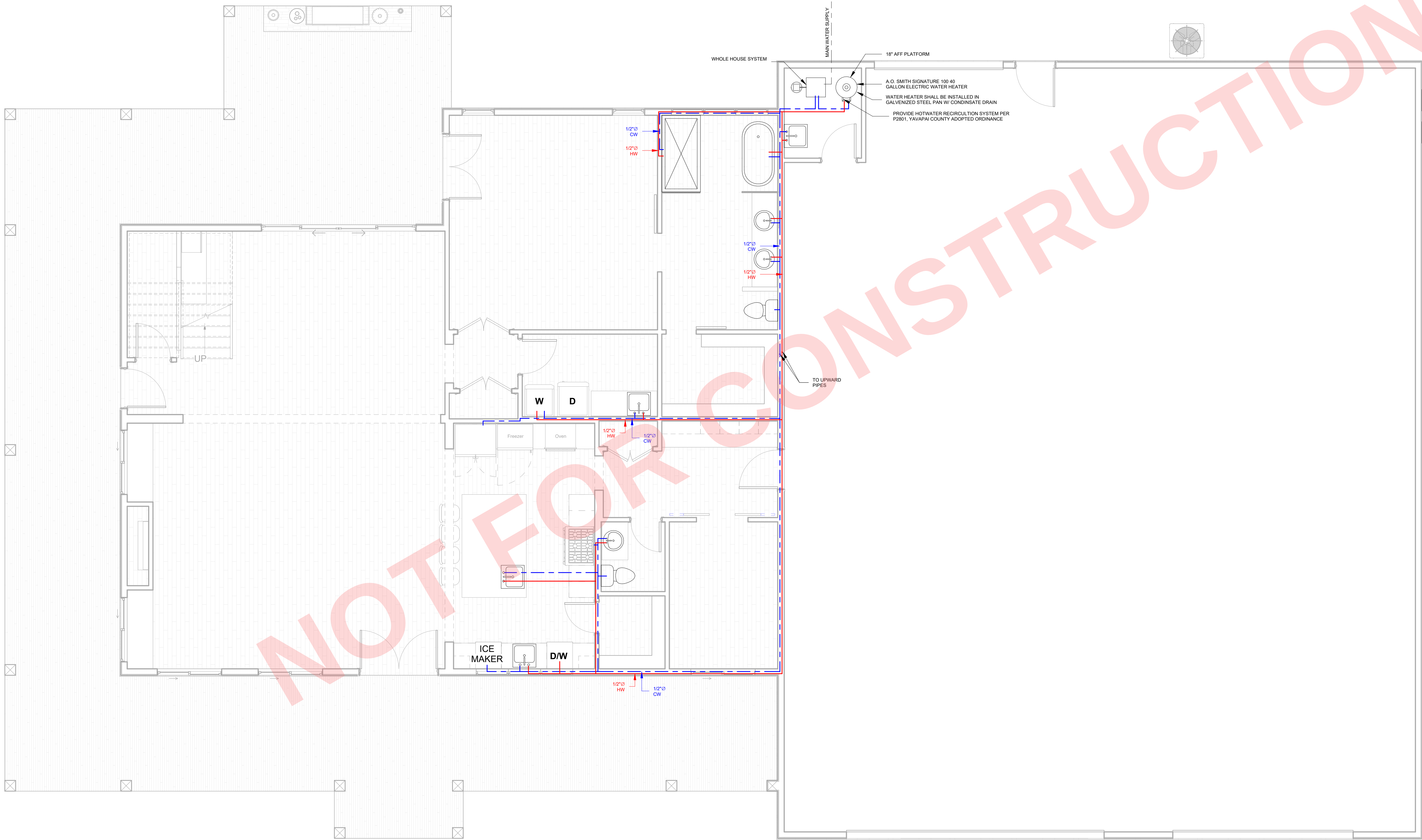
1 UPPER LEVEL ELECTRICAL
E102 PLAN
3/8" = 1'-0"

E3901.12 HVAC OUTLET.
A 125-VOLT, SINGLE-PHASE, 15-OR 20-AMPERE-RATED RECEPTACLE OUTLET SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION FOR THE SERVICING OF HEATING, AIR-CONDITIONING AND REFRIGERATION EQUIPEMENT. THE RECEPTACLE SHALL BE LOCATED ON THE SAME LEVEL AND WITHIN 25 FEET (7620MM) OF THE HEATING, AIR CONDITIONING AND REFRIGERATION EQUIPEMENT. THE RECEPTACLE OUTLET SHALL NOT BE CONNECTED TO THE LOAD SIDE OF HVAC EQUIPMENT DISCONNECTING MEANS.

General Notes

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Scale	3/8" = 1'-0"	



1 MAIN LEVEL PLUMBING PLAN
P101 1/4" = 1'-0"

General Notes



No.	Revision / Issue	Date
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Firm Name and Address:

Client Name and Address:

Project	25010	Sheet
Date	10/18/2025	P101
Scale	1/4" = 1'-0"	

NOTES

1. P2801.1 Required. INSIGHTS Hot water shall be supplied to plumbing fixtures and plumbing appliances intended for bathing, washing or culinary purposes.
2. P2801.2 Drain valves.Drain valves for emptying shall be installed at the bottom of each tank-type water heater and hot water storage tank. The drain valve inlet shall be not less than 3/4-inch (19.1 mm) nominal iron pipe size and the outlet shall be provided with a male hose thread.
3. P2801.3 Installation.Water heaters shall be installed in accordance with this chapter and Chapters 20 and 24.
4. P2801.4 Location.Water heaters and storage tanks shall be installed in accordance with Section M1305 and shall be located and connected to provide access for observation, maintenance, servicing and replacement.
5. P2801.5 Prohibited locations.Water heaters shall be located in accordance with Chapter 20.
6. P2801.6 Required pan. INSIGHTS Where a storage tank-type water heater or a hot water storage tank is installed in a location where water leakage from the tank will cause damage, the tank shall be installed in a pan constructed of one of the following: 1.Galvanized steel or aluminum of not less than 0.0236 inch (0.6010 mm) in thickness.2.Plastic not less than 0.036 inch (0.9 mm) in thickness.3.Other approved materials. A plastic pan beneath a gas-fired water heater shall be constructed of material having a flame spread index of 25 or less and a smoke-developed index of 450 or less when tested in accordance with ASTM E84 or UL 723.
7. P2801.6.1 Pan size and drain.The pan shall be not less than 11/2 inches (38 mm) deep and shall be of sufficient size and shape to receive dripping or condensate from the tank or water heater. The pan shall be drained by an indirect waste pipe of not less than 3/4 inch (19 mm) diameter. Piping for safety pan drains shall be of those materials indicated in Table P2906.5.Where a pan drain was not previously installed, a pan drain shall not be required for a replacement water heater installation.
8. P2801.6.2 Pan drain termination.The pan drain shall extend full-size and terminate over a suitably located indirect waste receptor or shall extend to the exterior of the building and terminate not less than 6 inches (152 mm) and not more than 24 inches (610 mm) above the adjacent ground surface.
9. P2801.7 Water heaters installed in garages.Water heaters having an ignition source shall be elevated such that the source of ignition is not less than 18 inches (457 mm) above the garage floor.Exception: Elevation of the ignition source is not required for appliances that are listed as flammable vapor ignition-resistant.
10. P2801.8 Water heater seismic bracing.In Seismic Design Categories D0, D1 and D2 and townhouses in Seismic Design Category C, water heaters shall be anchored or strapped in the upper one-third and in the lower one-third of the appliance to resist a horizontal force equal to one-third of the operating weight of the water heater, acting in any horizontal direction, or in accordance with the appliance manufacturer's recommendations.

ALL PLUMBING MATERIAL SHALL COMPLY AS FOLLOWS,
WATER-PER CHAPTER 6 'WATER SUPPLY AND DISTRIBUTION' .

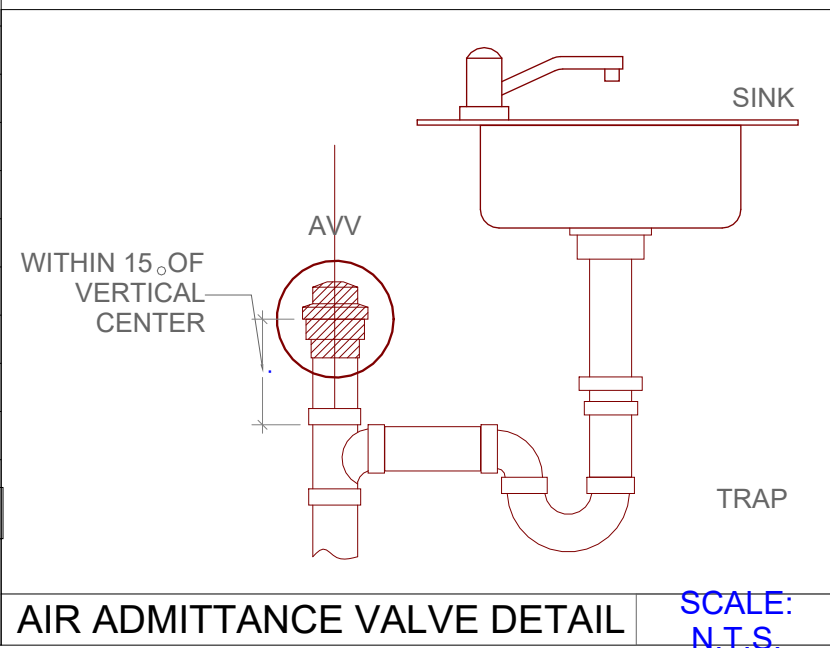
TABLE P2903.2MAXIMUM FLOW RATES AND CONSUMPTION FOR PLUMBING
FIXTURES AND FIXTURE FITTINGSb
PLUMBING FIXTURE
OR FIXTURE FITTING

MAXIMUM FLOW RATE OR QUANTITY

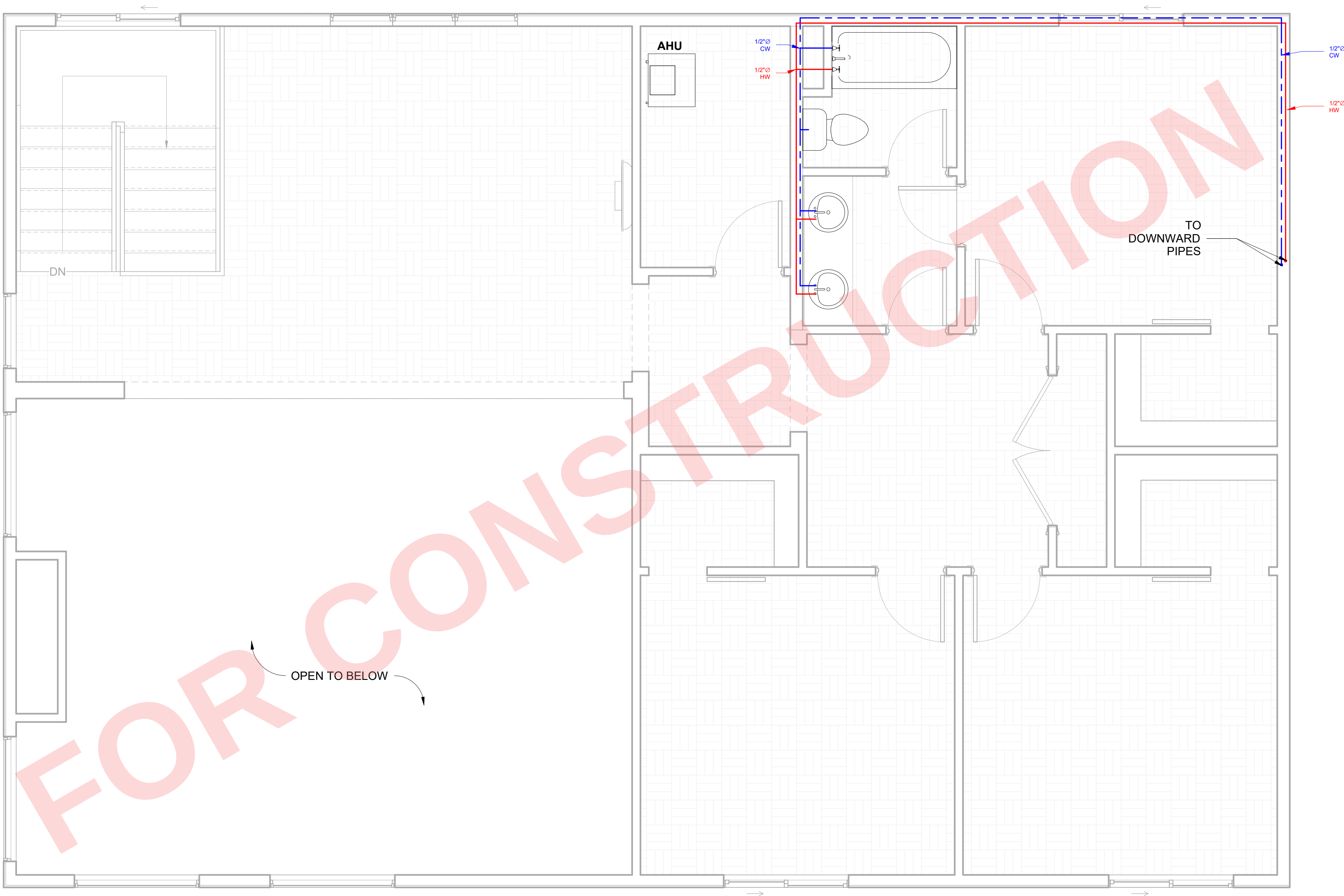
Lavatory faucet 2.2 gpm at 60 psi
Shower heada 2.5 gpm at 80 psi
Sink faucet 2.2 gpm at 60 psi
Water closet 1.6 gallons per flushing cycle
For SI: 1 gallon per minute = 3.785 L/m, 1 pound per square inch = 6.895 kPa.

- a. A handheld shower spray shall be considered to be a shower head.
- b. Consumption tolerances shall be determined from referenced standards.

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
	COLD WATER (C.W.) LINE.
	HOT WATER (H.W.) LINE.
	SANITARY SEWER LINE.
	GATE VALVE.
	FLOOR CLEAN-OUT.
	CLEAN-OUT TO GRADE.
	COLD WATER.
	HOT WATER.
	VENT THRU ROOF.
	VENT THRU WALL.
PLUMBING NOTE	
1- ALL SANITARY LINES SHALL BE SLOPED AS FOLLOWS: 2" OR SMALLER SHALL BE SLOPED AT 1/4" PER FT. 3" OR LARGER SHALL BE SLOPED AT 1/8" PER FT.	



1 UPPER LEVEL PLUMBING PLAN
P102/ 3/8" = 1'-0"



General Notes



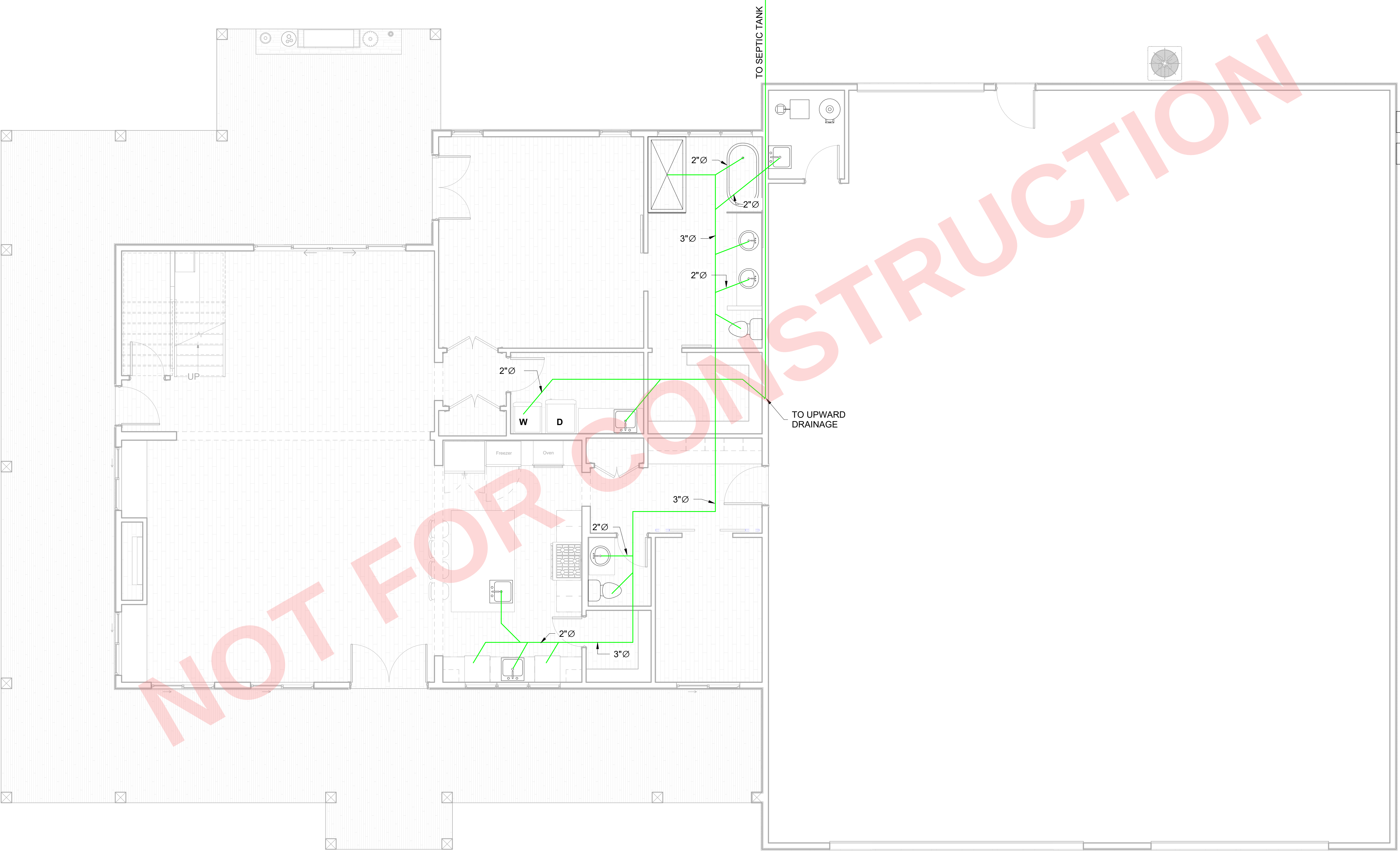
No.	Revision / Issue	Date
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Firm Name and Address:

Client Name and Address:

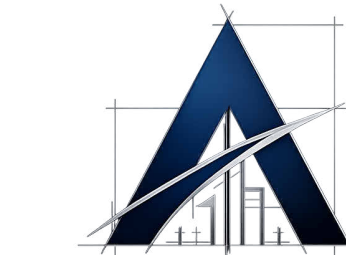
Project	25010	Sheet
Date	10/18/2025	P102
Scale	3/8" = 1'-0"	

G2413.4(5) CORRUGATED STAINLESS STEEL
SEWER-PER CHAPTER 30 'SANITARY DRAINAGE'
TABLE P3002.3
P2903.2
P2903.1
P2902.3.1
P2902.3
SEPTIC (SEE 2018 IPSDC)
ATTACHED SEWER PLAN



1 MAIN LEVEL SEWER PLAN
P103 1/4" = 1'-0"

General Notes



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No.	Revision / Issue	Date
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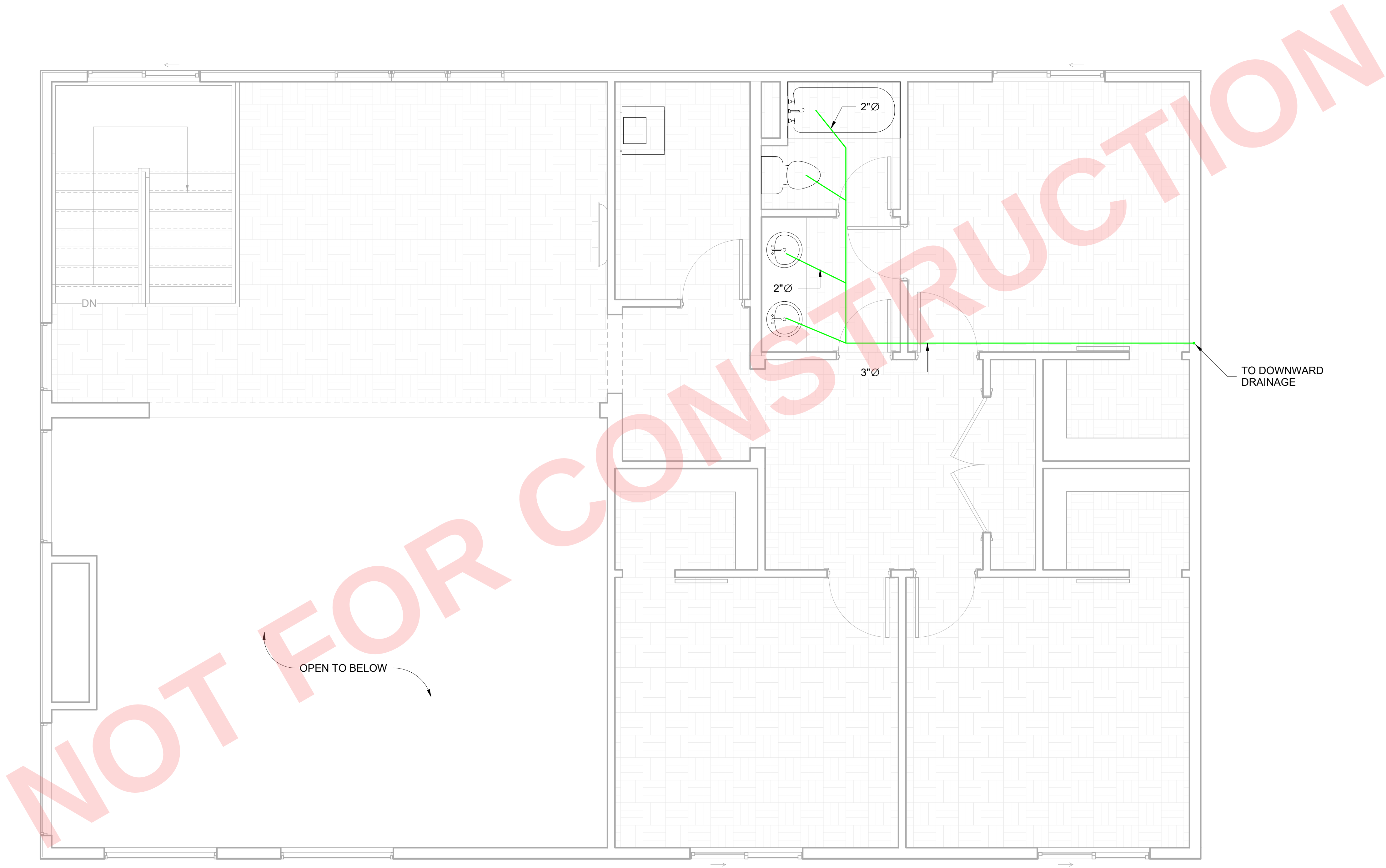
Firm Name and Address:

Client Name and Address:

Project	25010	Sheet
Date	10/18/2025	
Scale	1/4" = 1'-0"	

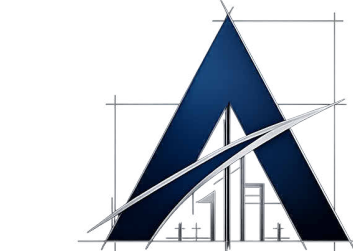
P103

G2413.4(5) CORRUGATED STAINLESS STEEL
SEWER-PER CHAPTER 30 'SANITARY DRAINAGE'
TABLE P3002.3
P2903.2
P2903.1
P2902.3.1
P2902.3
SEPTIC (SEE 2018 IPSDC)
ATTACHED SEWER PLAN



1 UPPER LEVEL SEWER PLAN
P104 3/8" = 1'-0"

General Notes



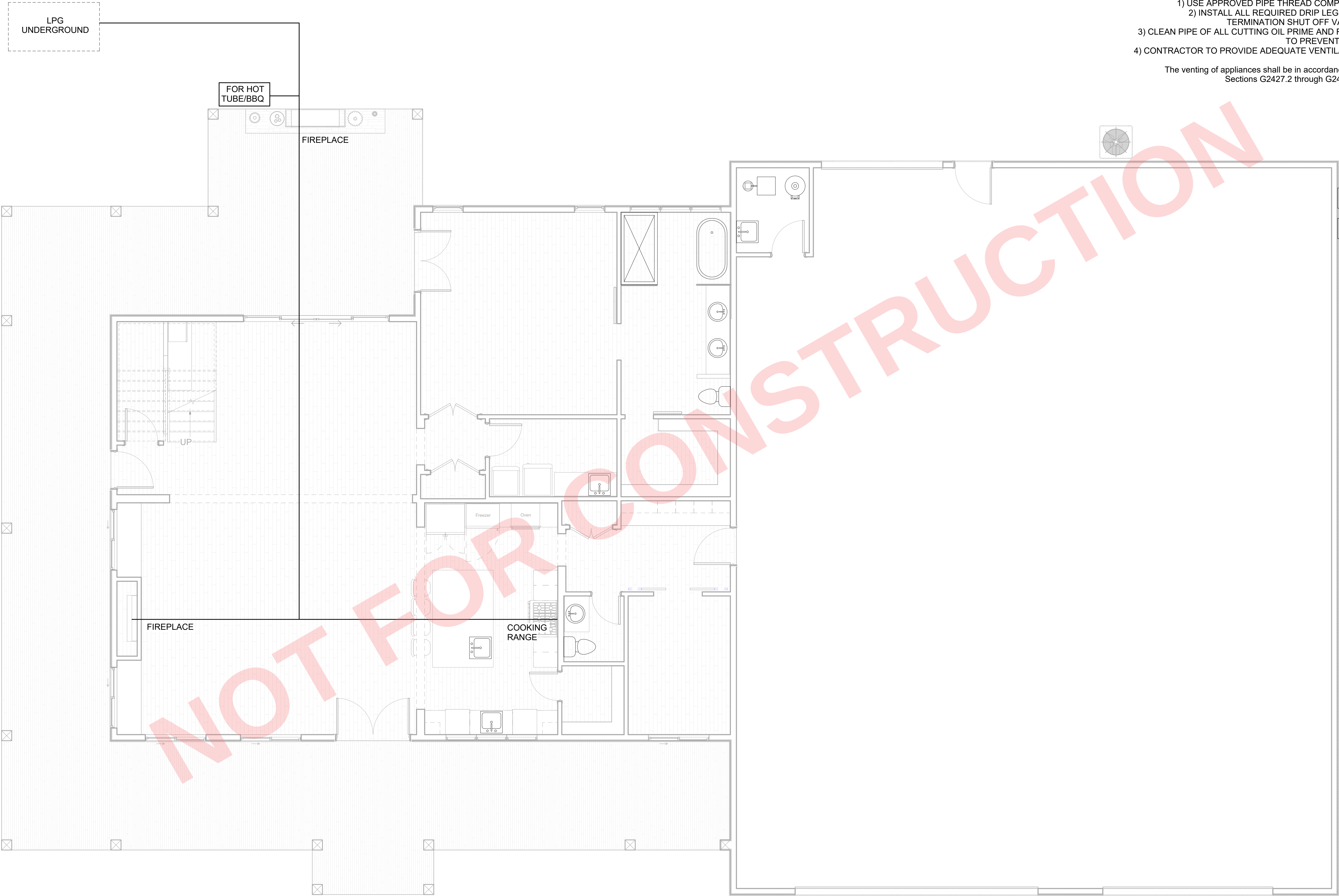
AXIOM
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No.	Revision / Issue	Date
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Firm Name and Address:

Client Name and Address:

Project	25010	Sheet
Date	10/18/2025	P104
Scale	3/8" = 1'-0"	



- NOTES
- 1) USE APPROVED PIPE THREAD COMPOUND
 - 2) INSTALL ALL REQUIRED DRIP LEGS AND TERMINATION SHUT OFF VALVES
 - 3) CLEAN PIPE OF ALL CUTTING OIL PRIME AND FINISH TO PREVENT RUST
 - 4) CONTRACTOR TO PROVIDE ADEQUATE VENTILATION
- The venting of appliances shall be in accordance with Sections G2427.2 through G2427.16.

General Notes



No.	Revision / Issue	Date
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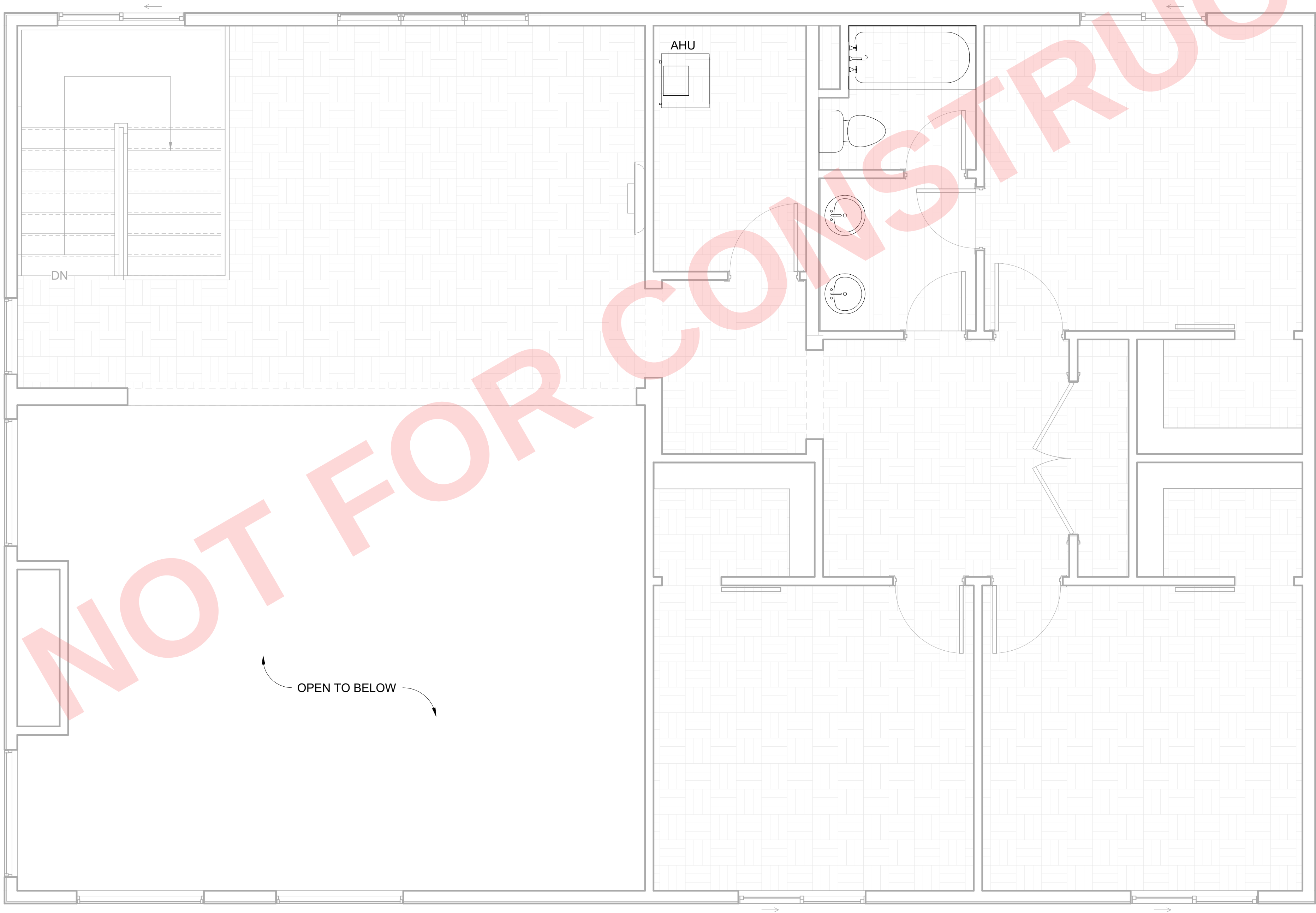
Firm Name and Address:

Client Name and Address:

Project	25010	Sheet
Date	10/18/2025	P105
Scale	1/4" = 1'-0"	

NOTES
1) USE APPROVED PIPE THREAD COMPOUND
2) INSTALL ALL REQUIRED DRIP LEGS AND
TERMINATION SHUT OFF VALVES
3) CLEAN PIPE OF ALL CUTTING OIL PRIME AND FINISH
TO PREVENT RUST
4) CONTRACTOR TO PROVIDE ADEQUATE VENTILATION

The venting of appliances shall be in accordance with
Sections G2427.2 through G2427.16.



1 UPPER LEVEL GAS PLAN
P106 3/8" = 1'-0"

General Notes



No.	Revision / Issue	Date
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Firm Name and Address:

Client Name and Address:

Project	25010	Sheet
Date	10/18/2025	P106
Scale	3/8" = 1'-0"	