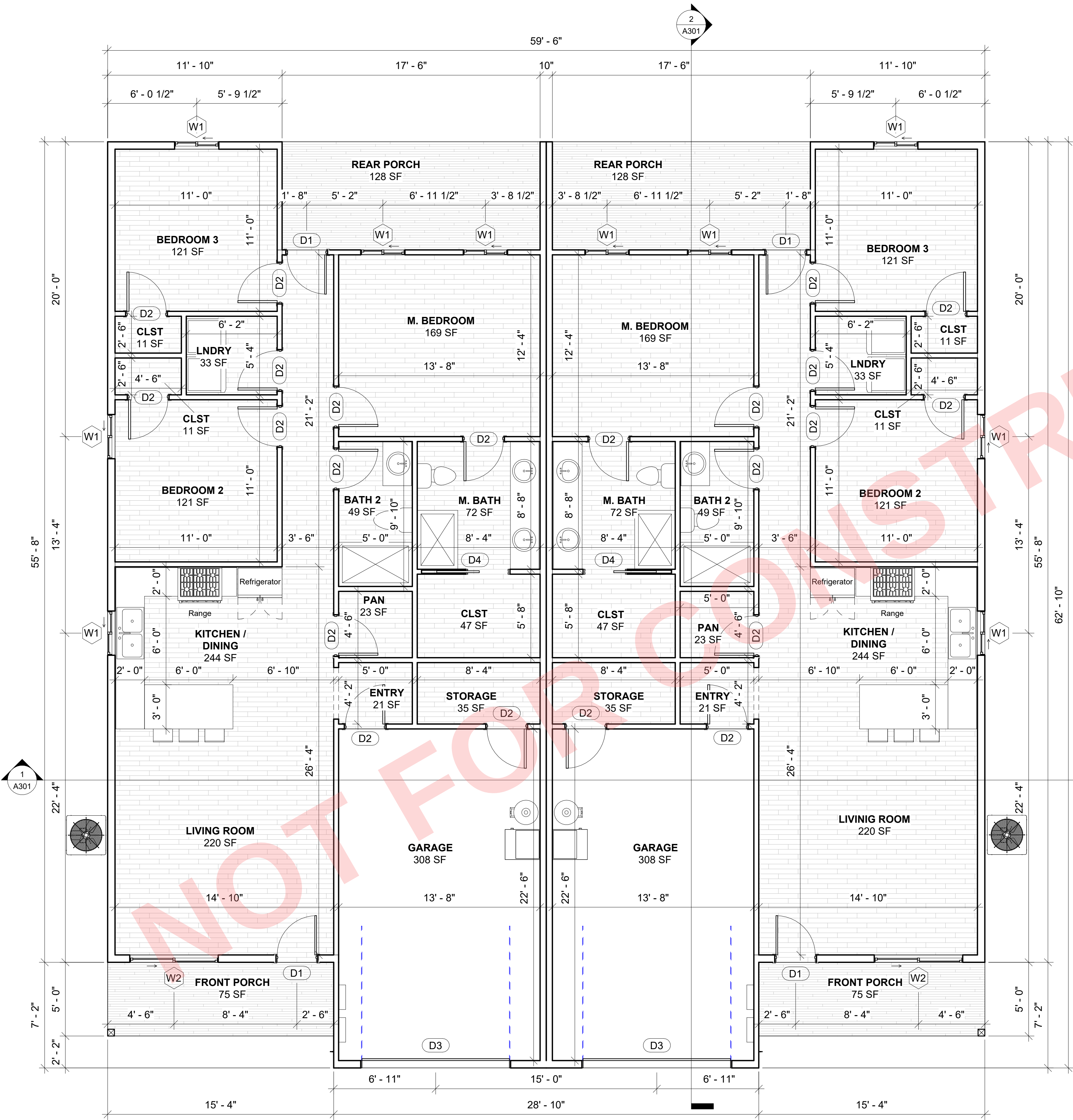




1 MAIN LEVEL PLAN
1/4" = 1'-0"

DOOR SCHEDULE					
Type Mark	Type	Count	Width	Height	Comments
D1	2868 ELEVATION	4	2' - 8"	6' - 8"	1
D2	2868	22	2' - 8"	6' - 8"	1
D3	10080 GARAGE	2	10' - 0"	8' - 0"	1
D4	3068 POCKET	2	3' - 0"	6' - 8"	1
Grand total: 30					

WINDOW SCHEDULE				
Type Mark	Type	Count	Width	Height
W1	3050 SLIDING	10	3' - 0"	5' - 0"
W2	6050 SLIDING	2	6' - 0"	5' - 0"
Grand total: 12				

Area Schedule	
Name	Area
GARAGE	673 SF
MAIN HOUSE	2583 SF
PATIO	77 SF
PATIO	77 SF
PORCH	263 SF
Grand total: 5	3672 SF

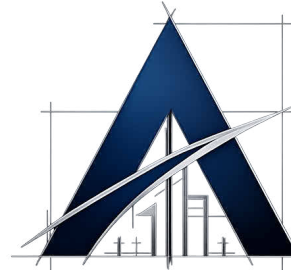
R308.4.2
PROVIDE SAFETY GLAZING FOR
WINDOWS ADJACENT TO DOORS AS
REQUIRED IN THIS SECTION

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
SLAB R-VALUE AND DEPTH.....R-10/, 2 FT.
CRAUL SPACE WALL R-VALUE.....R-10/13

General Notes



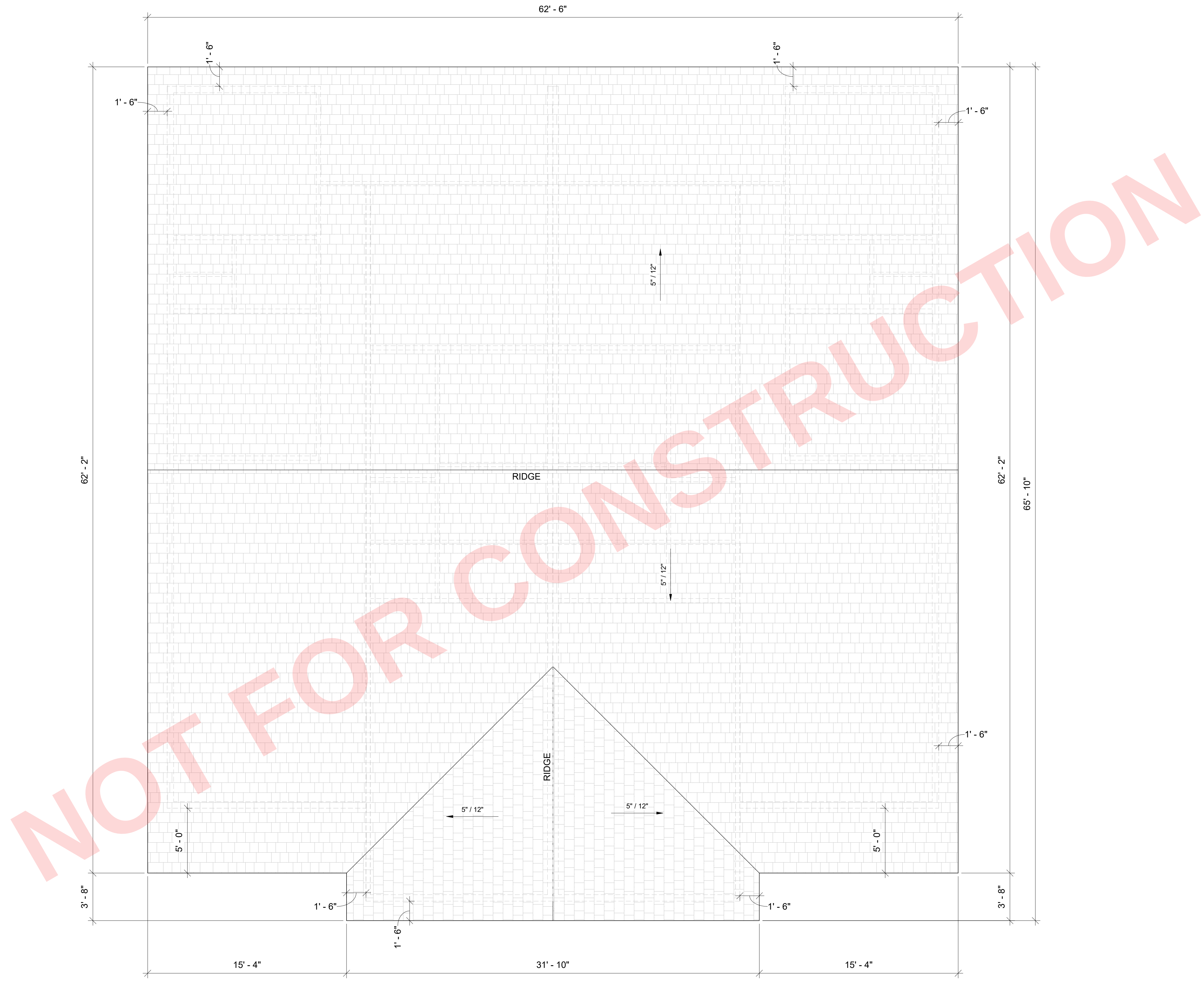
AXIOM
LLC

No.	Revision / Issue	Date
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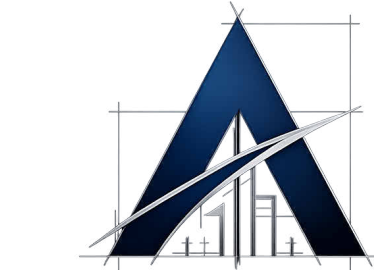
Firm Name and Address:

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Scale	As indicated	



General Notes



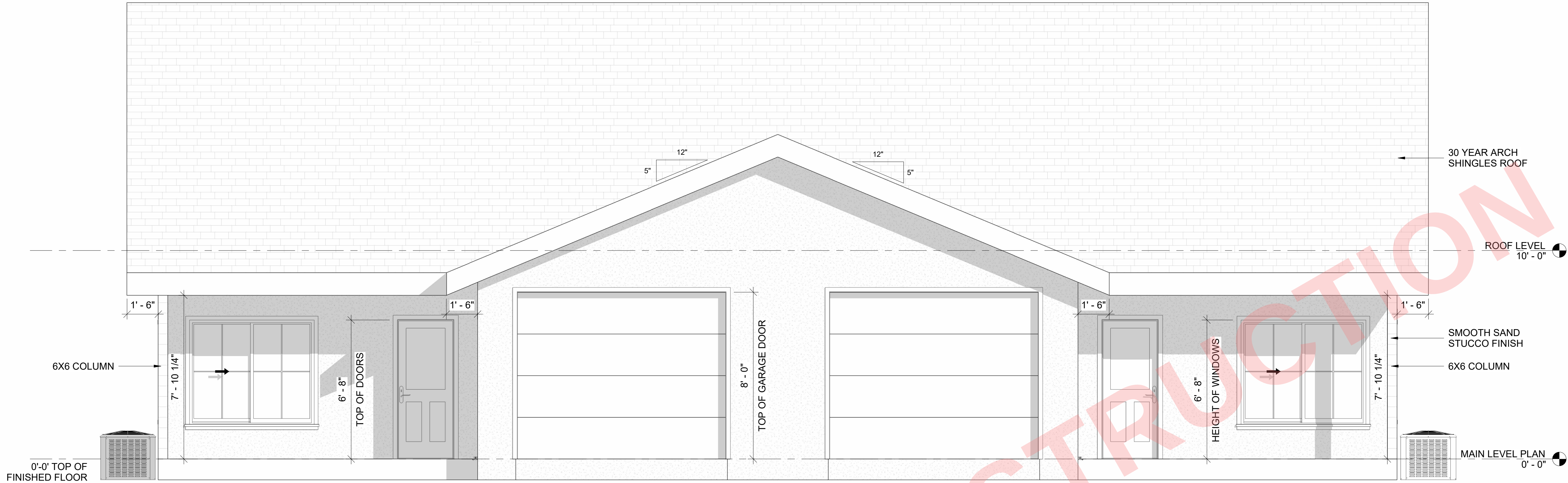
AXIOM
LLC

No.	Revision / Issue	Date
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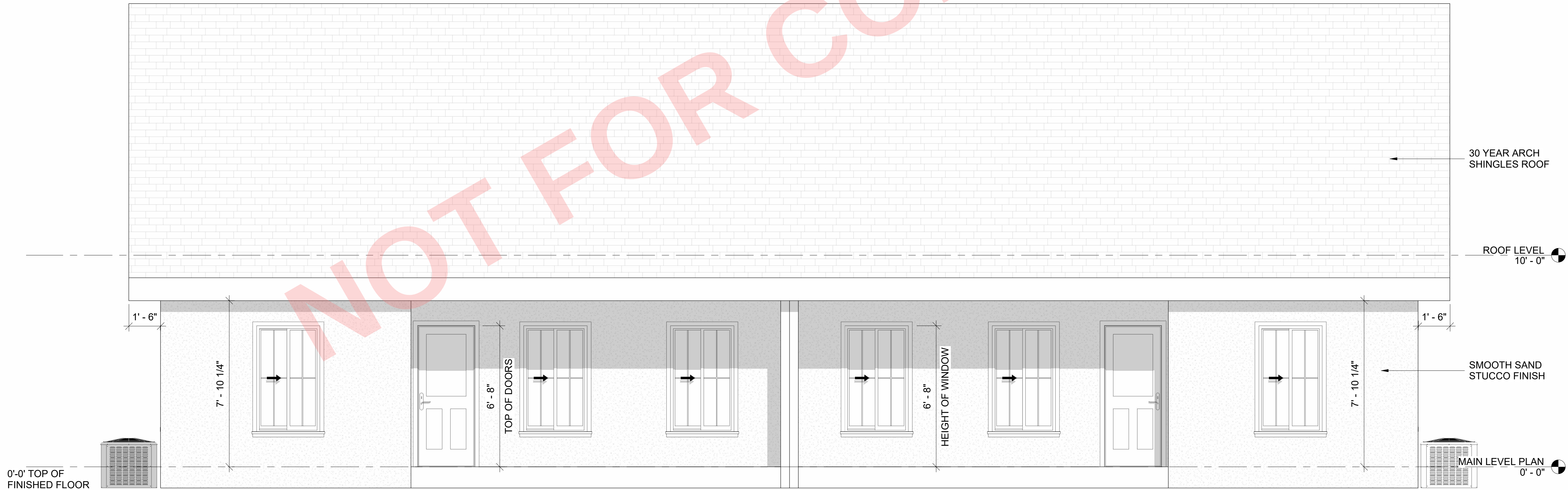
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Scale	1/4" = 1'-0"	



1 FRONT ELEVATION
3/8" = 1'-0"



2 REAR ELEVATION
3/8" = 1'-0"

General Notes

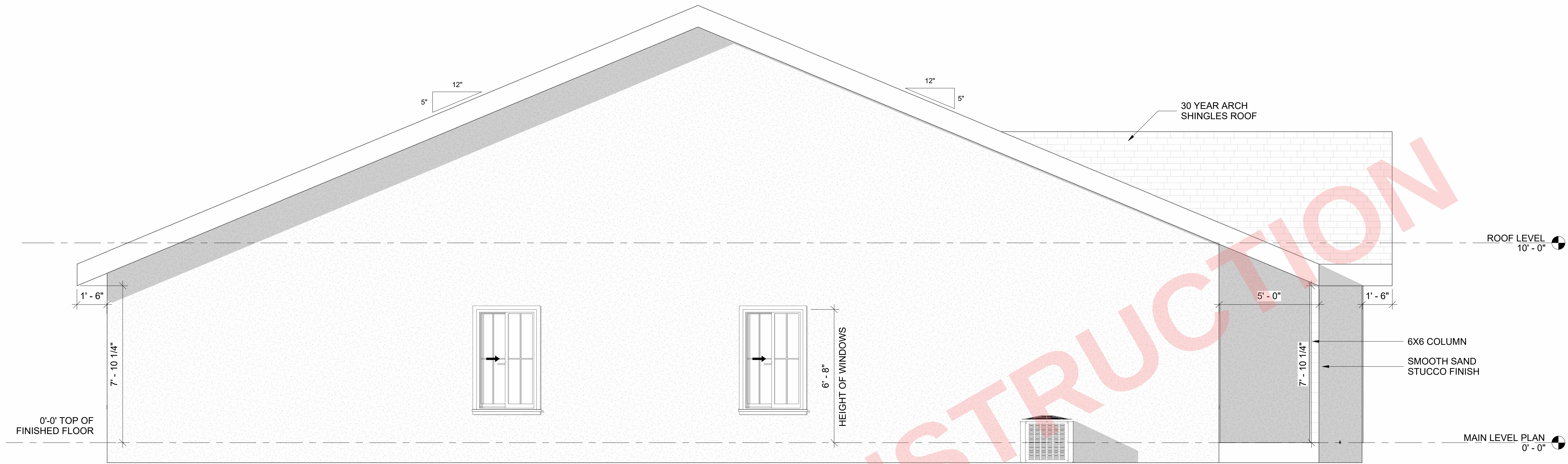


No.	Revision / Issue	Date
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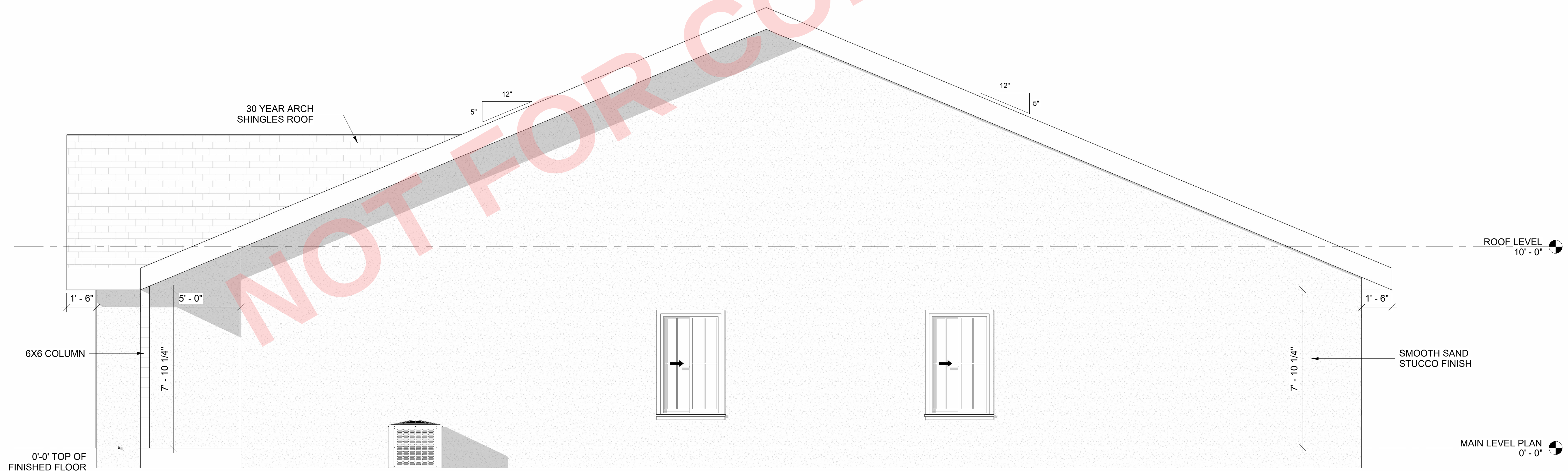
Firm Name and Address:

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Scale	3/8" = 1'-0"	



1 LEFT ELEVATION
3/8" = 1'-0"



2 RIGHT ELEVATION
3/8" = 1'-0"

General Notes

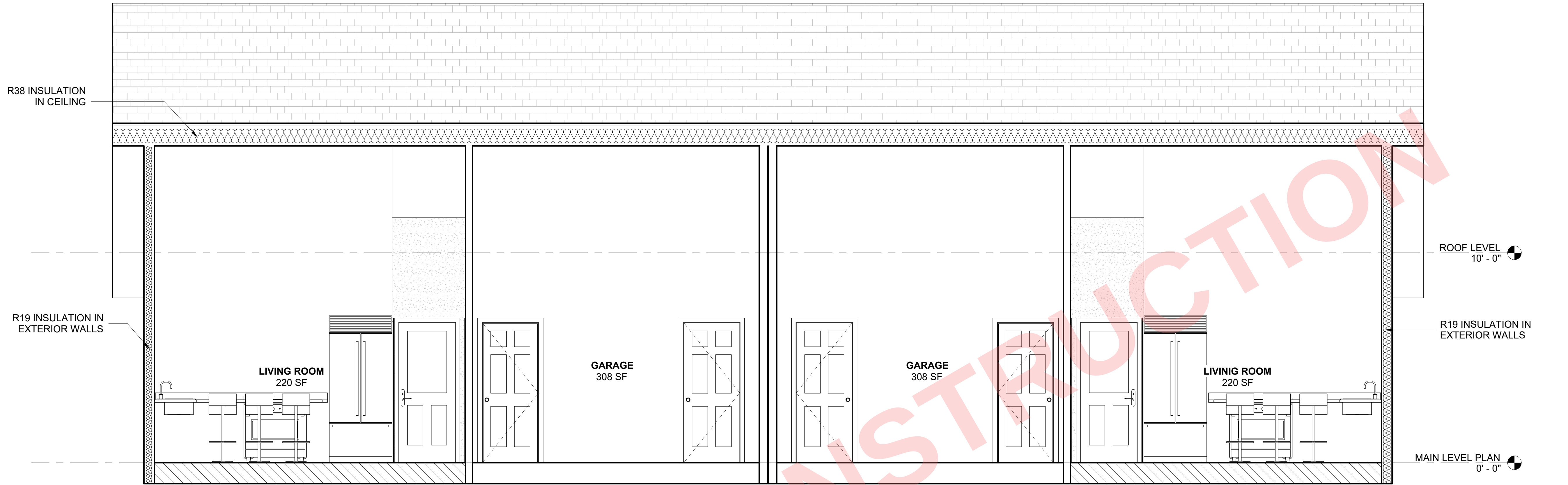


No.	Revision / Issue	Date
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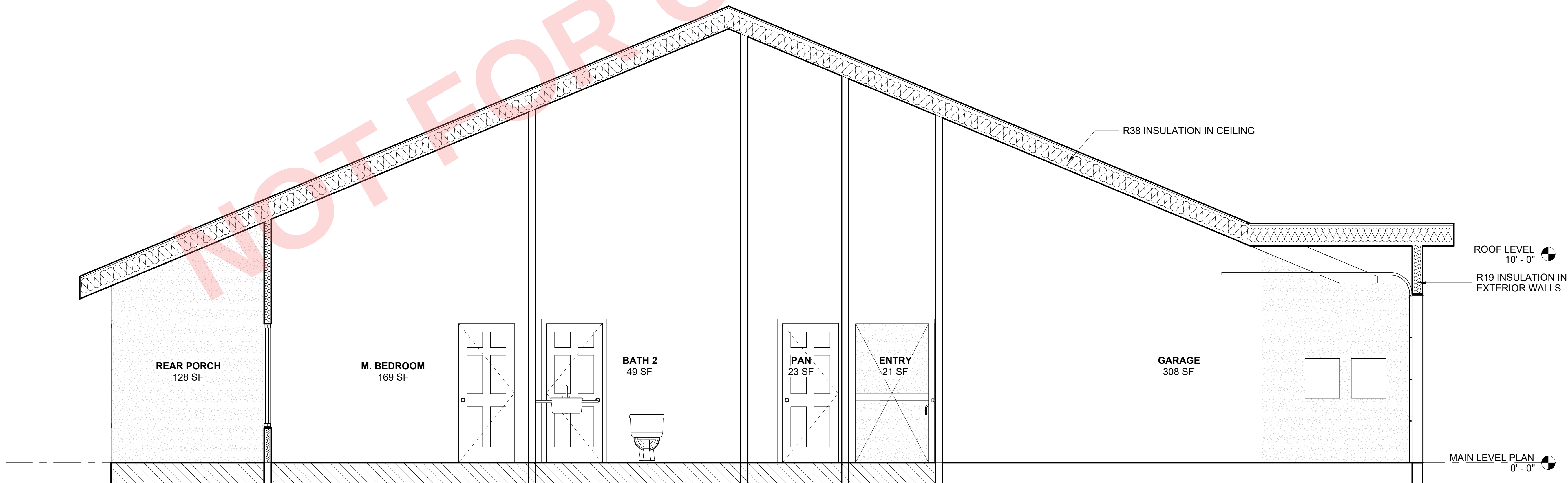
Firm Name and Address:

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Scale	3/8" = 1'-0"	



1 SECTION A
A301 3/8" = 1'-0"



2 SECTION B
A301 3/8" = 1'-0"

General Notes



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Scale	3/8" = 1'-0"	

- ELECTRICAL SYMBOLS**
- Ⓢ WEATHER PROOF AND GFI PROTECTED OUTLET
- △ TELEVISION JACK
- Ⓢ EXHAUST FAN AT THE CEILING (MUST VENT TO THE EXTERIOR OF BUILDING)
- RECESSED CEILING LIGHT FIXTURE
- CEILING OR WALL MOUNTED LIGHT FIXTURE
- ⊙ CEILING FAN. (APPROVED OUTLETS PER IRC)
- Ⓢ SMOKE DETECTOR
- Ⓒ CARBON MONOXIDE DETECTOR
- Ⓓ DIMMER SWITCH (RHEOSTAT)
- Ⓢ RECESSED CEILING LIGHT FIXTURE SUITABLE FOR DAMP LOCATIONS
- Ⓢ SECURITY LIGHT (DARK SKY COMPLIANT)
- OUTLET
- Ⓢ SWITCH
- LED LED STRIP LIGHT
- FLOOR OUTLET
- VANITY LIGHT
- 50 50 AMP SERVICE
- 20 20 AMP SERVICE
- ⑧ CAT 8 ETHERNET
- Ⓒ COAXIAL CABLE

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

General Notes



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NOTES

- P2801.1 Required. INSIGHTS Hot water shall be supplied to plumbing fixtures and plumbing appliances intended for bathing, washing or culinary purposes.
- 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.
- P2801.3 Installation.Water heaters shall be installed in accordance with this chapter and Chapters 20 and 24.
- 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.
- P2801.5 Prohibited locations.Water heaters shall be located in accordance with Chapter 20.
- 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.
- 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.
- 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.
- 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.
- 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"

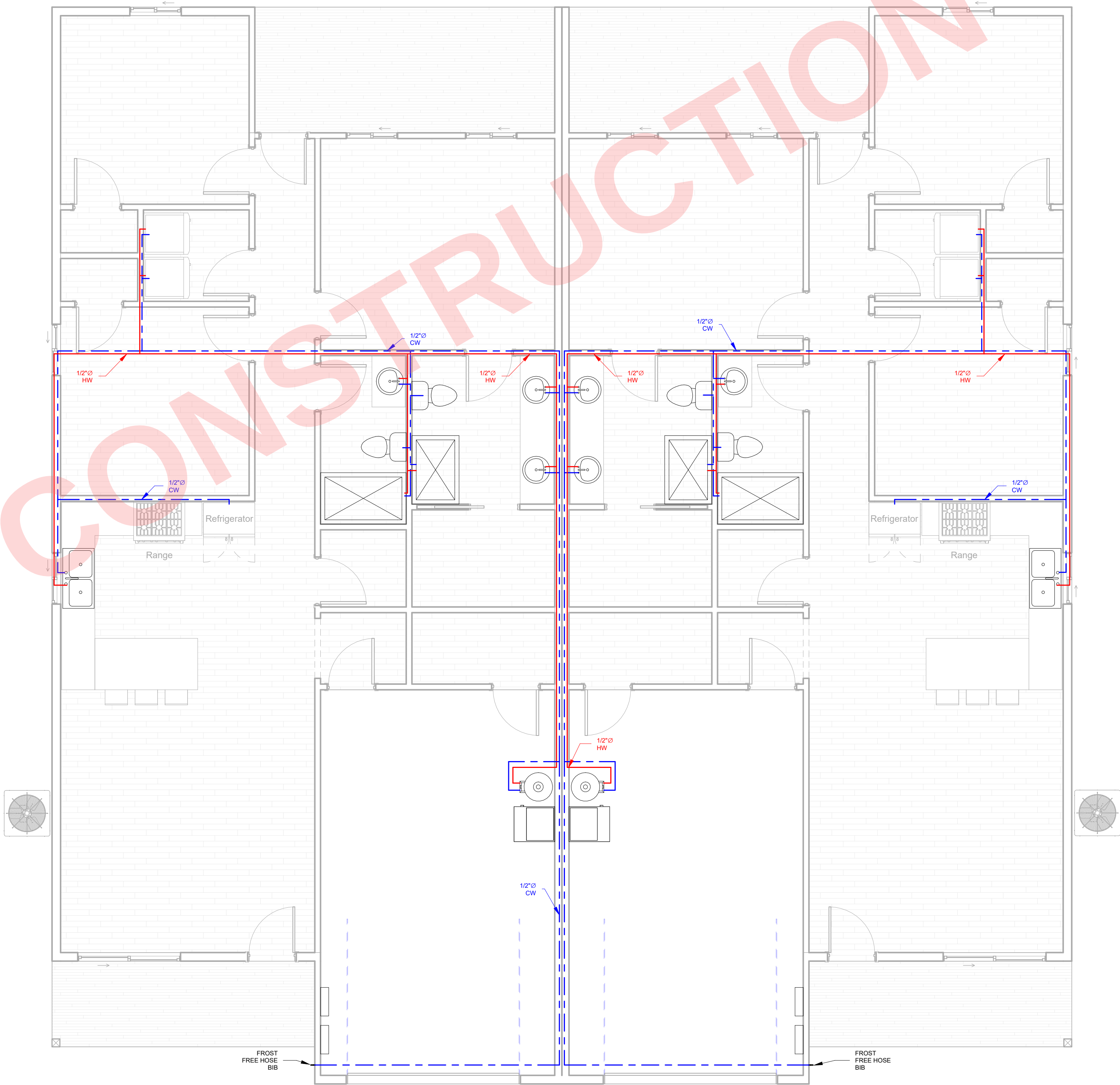
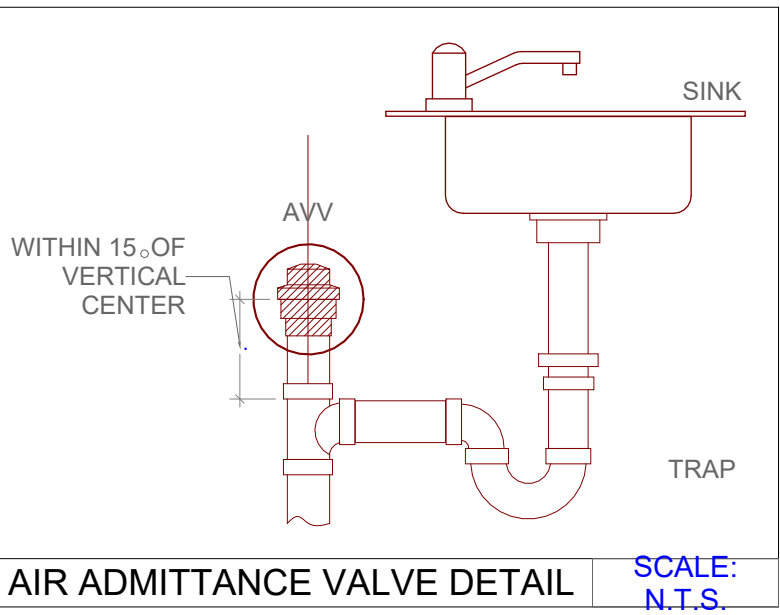
TABLE P2903.2MAXIMUM FLOW RATES AND CONSUMPTION FOR PLUMBING
FIXTURES AND FIXTURE FITTINGSb
PLUMBING FIXTURE
OR FIXTURE FITTING

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 handheld shower spray shall be considered to be a shower head.
- 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.
CW	COLD WATER.
HW	HOT WATER.
VTR	VENT THRU ROOF.
VTW	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 MAIN LEVEL PLUMBING PLAN
P101 1/4" = 1'-0"

General Notes

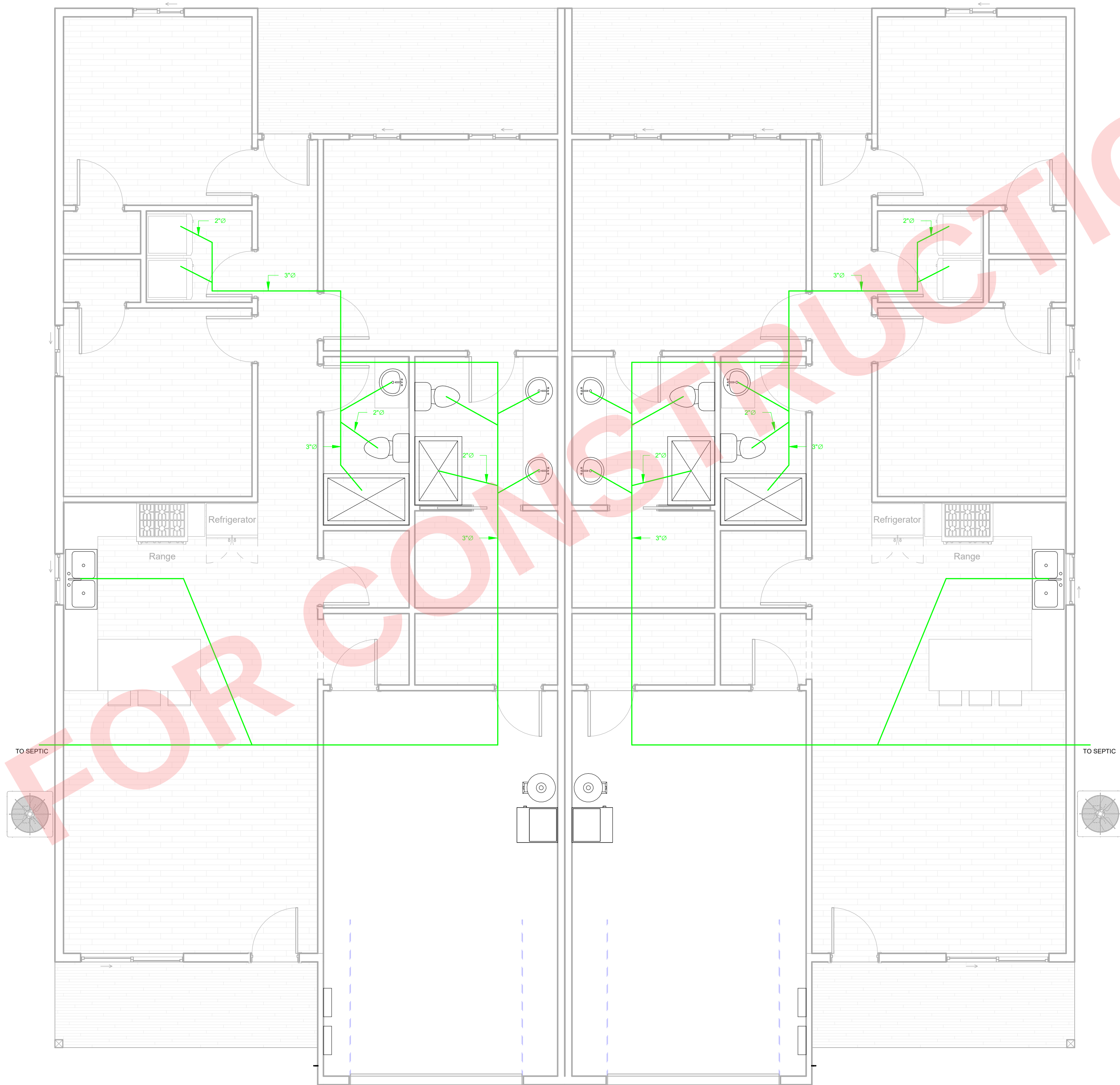


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1 MAIN LEVEL SEWER PLAN
P102 1/4" = 1'-0"

General Notes

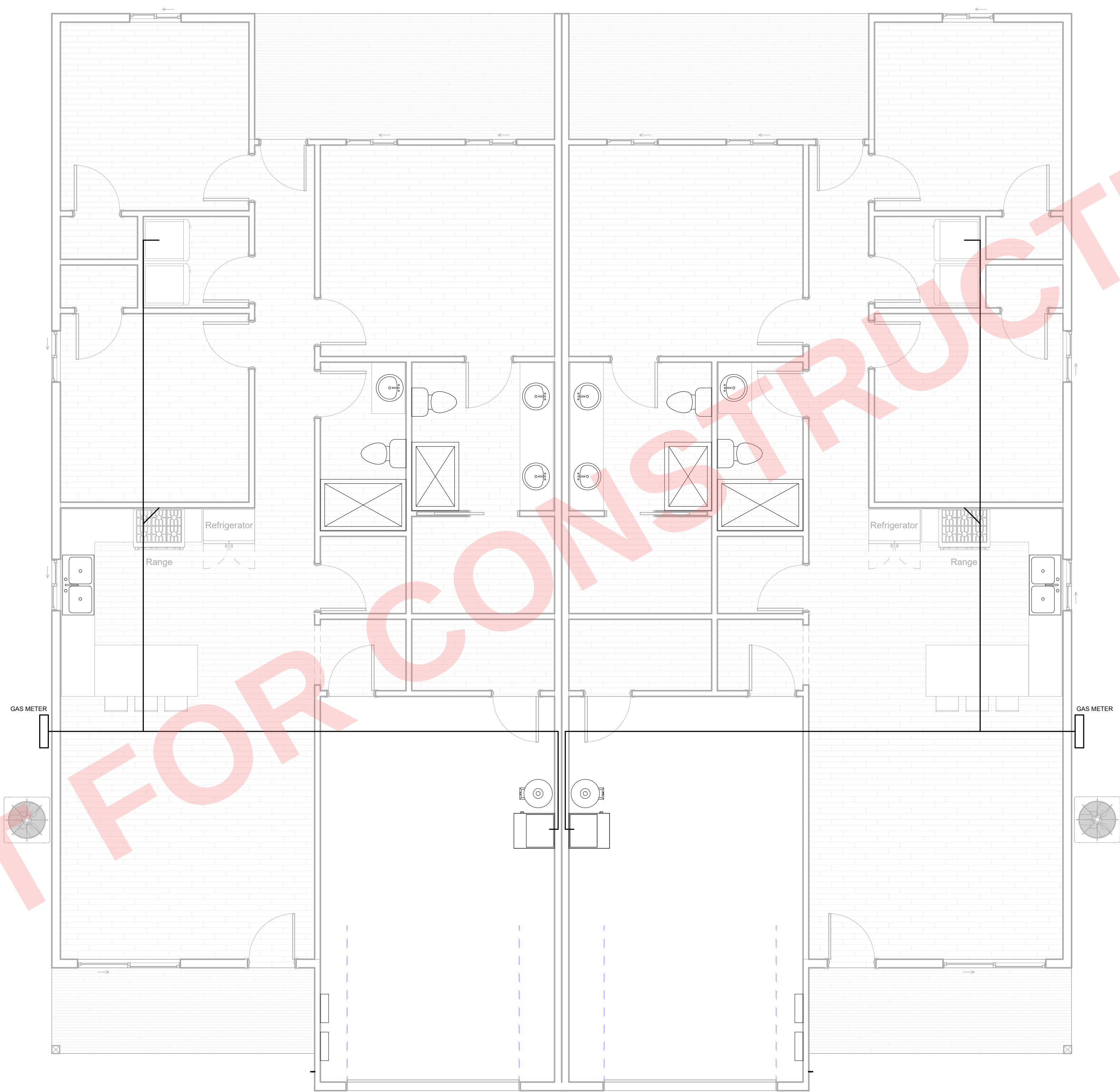


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1 MAIN LEVEL GAS PLAN
P103 1/4" = 1'-0"

General Notes



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