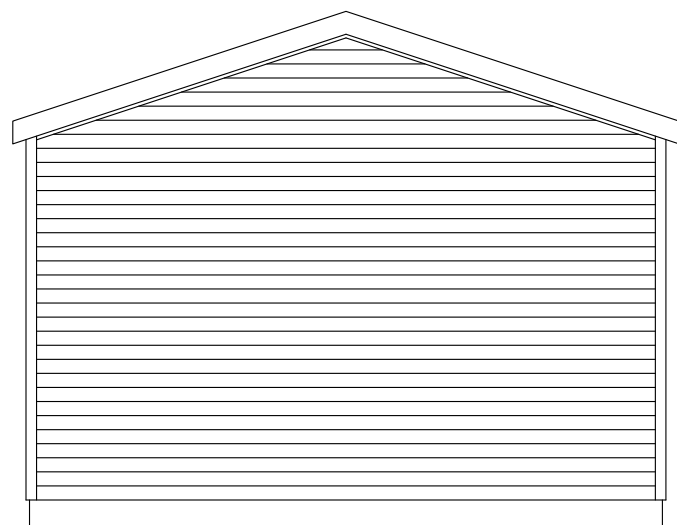
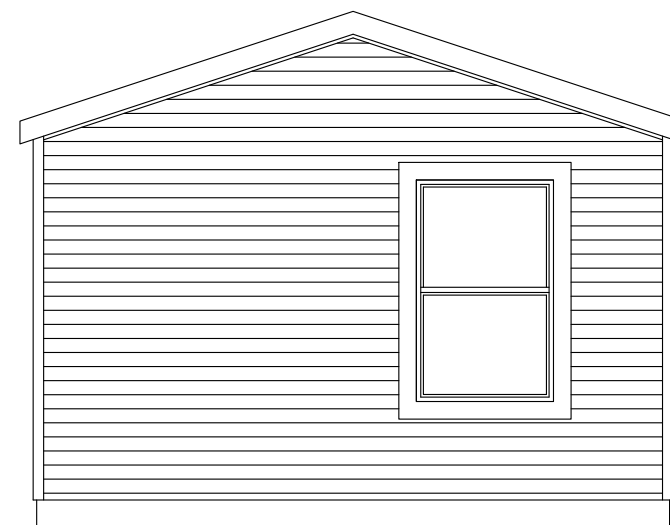


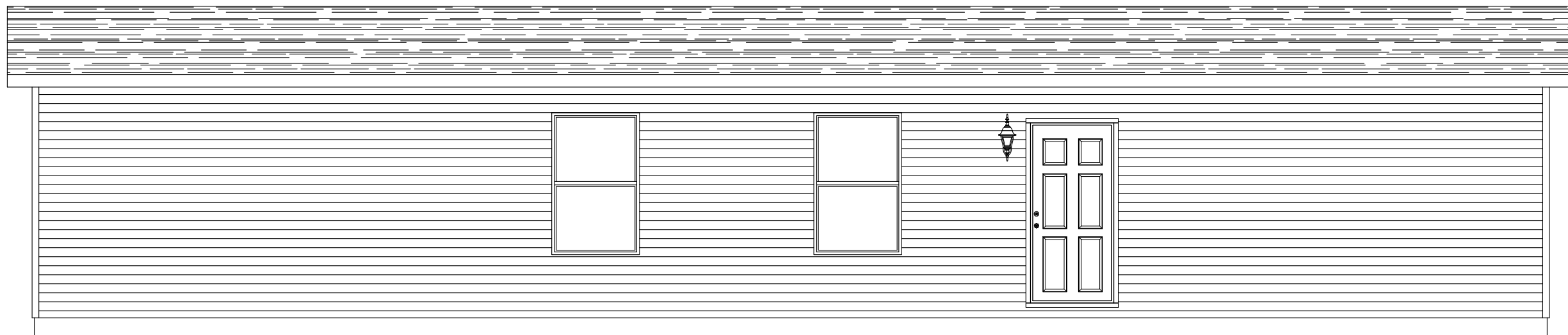
FRONT ELEVATION



LEFT ELEVATION



RIGHT ELEVATION



REAR ELEVATION

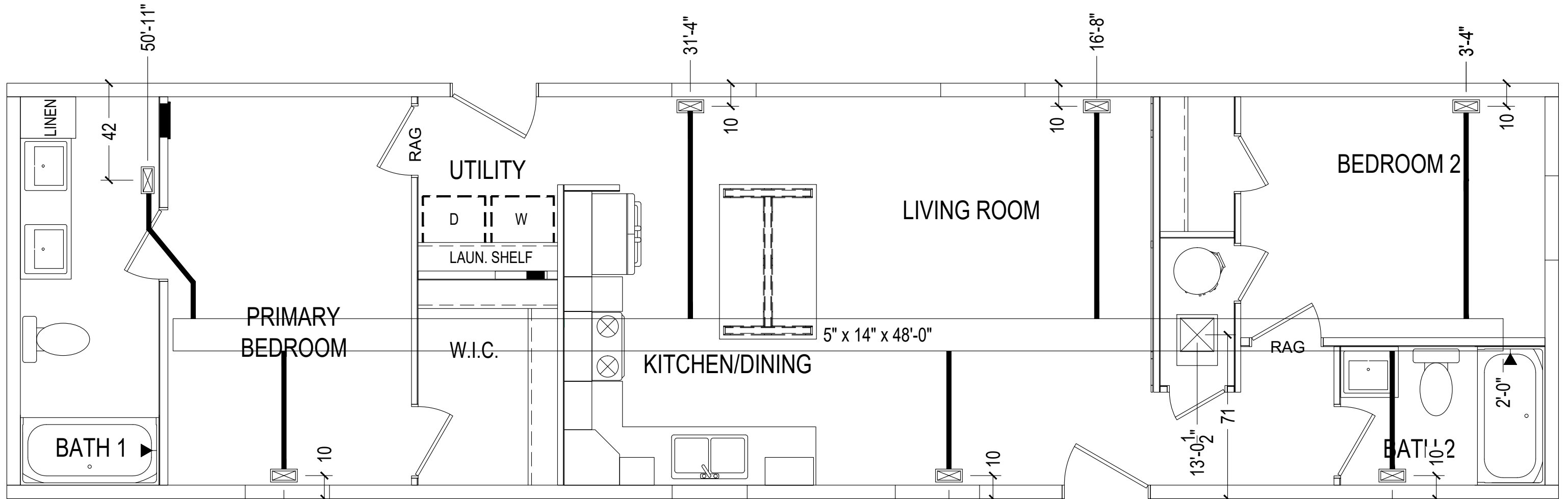
CLAYTON WAKARUSA
Div. of CMH Manufacturing West Inc.
66700 STATE ROAD 19 P.O. BOX 406
WAKARUSA, INDIANA 46573

PULSE PRODUCT
ELEVATIONS

REVISION BOX

DRAWN BY: DCS
DATE: 2/2/2024

2026 MODEL:
5616-4779



- NOTES:
1. ALUMINUM HEAT DUCTS
 2. 4X10 REGISTERS
 3. INLINE REGISTERS STANDARD
 4. 6" BRANCH DUCTS

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PULSE PRODUCT
 HVAC LAYOUT

REVISION BOX

DRAWN BY: DCS
 DATE: 2/2/2024

2026 MODEL:
 5616-4779

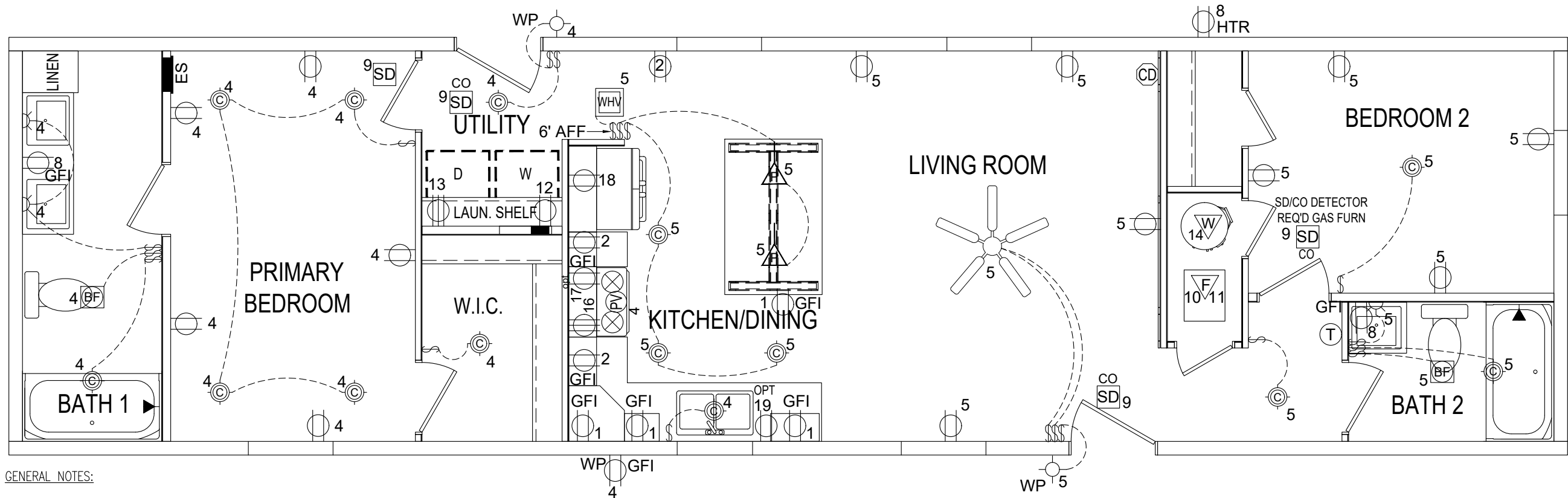
SYMBOL SCHEDULE

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	LIGHT FIXTURE		SMOKE DETECTOR
	LIGHT FIXTURE		COMBINATION SMOKE/CO DETECTOR
	RECESSED CAN LIGHT "IC" LISTED AND SUITABLE FOR WET LOCATIONS		SERVICE PANEL
	PENDANT LIGHT FIXTURE		WEATHER PROOF FIXTURE
	DUPLEX RECEPTACLE		GROUND FAULT PROTECTED
	DRYER RECEPTACLE (30A/230V)		POWER BATH VENT
	WALL SWITCH		POWER VENT
	THREE WAY WALL SWITCH		WHOLE HOUSE VENT FAN
	THERMOSTAT		PHONE JACK
	FURNACE		CABLE JACK
	WATER HEATER		COMM. DROP/DATA JACK

ELECTRICAL SCHEDULE

CIR. NO.	CIRCUIT DESCRIPTION	BREAKER	WIRE SIZE	CIR. NO.	CIRCUIT DESCRIPTION	BREAKER	WIRE SIZE
1	PORTABLE APPLIANCE	20	12-2 W/G	12	WASHER	20	12-2 W/G
2	PORTABLE APPLIANCE	20	12-2 W/G	13	CLOTHES DRYER	30	10-3 W/G
3	PORTABLE APPLIANCE	20	12-2 W/G	* 14	WATER HEATER (4500 WATTS)	25	10-2 W/G
4	GENERAL LIGHTING	15	14-2 W/G		HEAT PUMP WATER HEATER (4500 WATTS)	30	10-2 W/G
5	GENERAL LIGHTING	15	14-2 W/G	16	RANGE (12.5 KW MAX) (OPTIONAL)	40	8-3 W/G
6	GENERAL LIGHTING	15	14-2 W/G	17	GAS RANGE	15	14-2 W/G
7	GENERAL LIGHTING	15	14-2 W/G	18	REFRIGERATOR	20	12-2 W/G
8	BATH GFCI CIRCUIT	20	12-2 W/G	19	DISHWASHER / GARBAGE DISPOSAL (OPT)	20	12-2 W/G
9	SMOKE DETECTORS	15	14-3 W/G	20	MICROWAVE OVEN (OPTIONAL)	15	14-2 W/G
* 10	ELECTRIC FURNACE			21	RANGE POWER VENT W/CORD	15	14-2 W/G
	1. ALTERNATE CIRCUIT	60	6-6-8 W/G	22	FREEZER (OPTIONAL)	20	12-2 W/G
	2. ALTERNATE CIRCUIT (WIRE #1)	50	6-6-8 W/G	** 23	WHIRLPOOL TYPE TUB	20	12-2 W/G
	(WIRE #2)	20	12-2 W/G				
11	FURNACE - GAS (OPTIONAL)	15	14-2 W/G				

* LOCK-OUT BREAKER PROVIDED WHEN NOT WITHIN SITE OF PANEL
** INDICATES CIRCUIT IS GROUND FAULT PROTECTED (GFCI)



GENERAL NOTES:

1. ALL ELECTRICAL REQUIREMENTS, WIRING METHODS, AND REFERENCES MADE ARE IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE 2014 NATIONAL ELECTRICAL CODE.
2. ALL 15-AMP AND 20-AMP GENERAL LIGHTING CIRCUITS THAT ARE NOT SPECIFICALLY DEDICATED TO AN APPLIANCE OR SMOKE ALARMS SHALL BE AFCI PROTECTED.
3. ALL 15-AMP AND 20-AMP RECEPTACLES MUST BE LISTED TAMPER RESISTANT.
4. HEAT TAPE RECEPTACLES MUST BE INSTALLED ON A GFCI PROTECTED CIRCUIT AND LOCATED WITHIN 24" OF WATER INLET.
5. WIRE IS NM CABLE WITH GROUND.
6. LAVATORY RECEPS ARE GFI PROTECTED.
7. ALL KITCHEN RECEPTACLES OVER COUNTER TOPS ARE GFCI PROTECTED.
8. OUTDOOR FIXTURES SHALL BE LISTED OR APPROVED FOR OUTDOOR USE.
9. OUTSIDE RECEPTACLES ARE GFI PROTECTED WITH WEATHER-PROOF COVERS.
10. ALL CLOSET LIGHTS TO BE A MIN. 12" FROM SHELF AND CLOSED TYPE.
11. ALL SMOKE ALARMS ARE ON A DEDICATED CIRCUIT, WITH BATTERY BACK UP AND INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. ANY SMOKE ALARM LOCATED WITHIN 20 FEET OF A KITCHEN MUST HAVE A TEMPORARY SILENCING FEATURE.

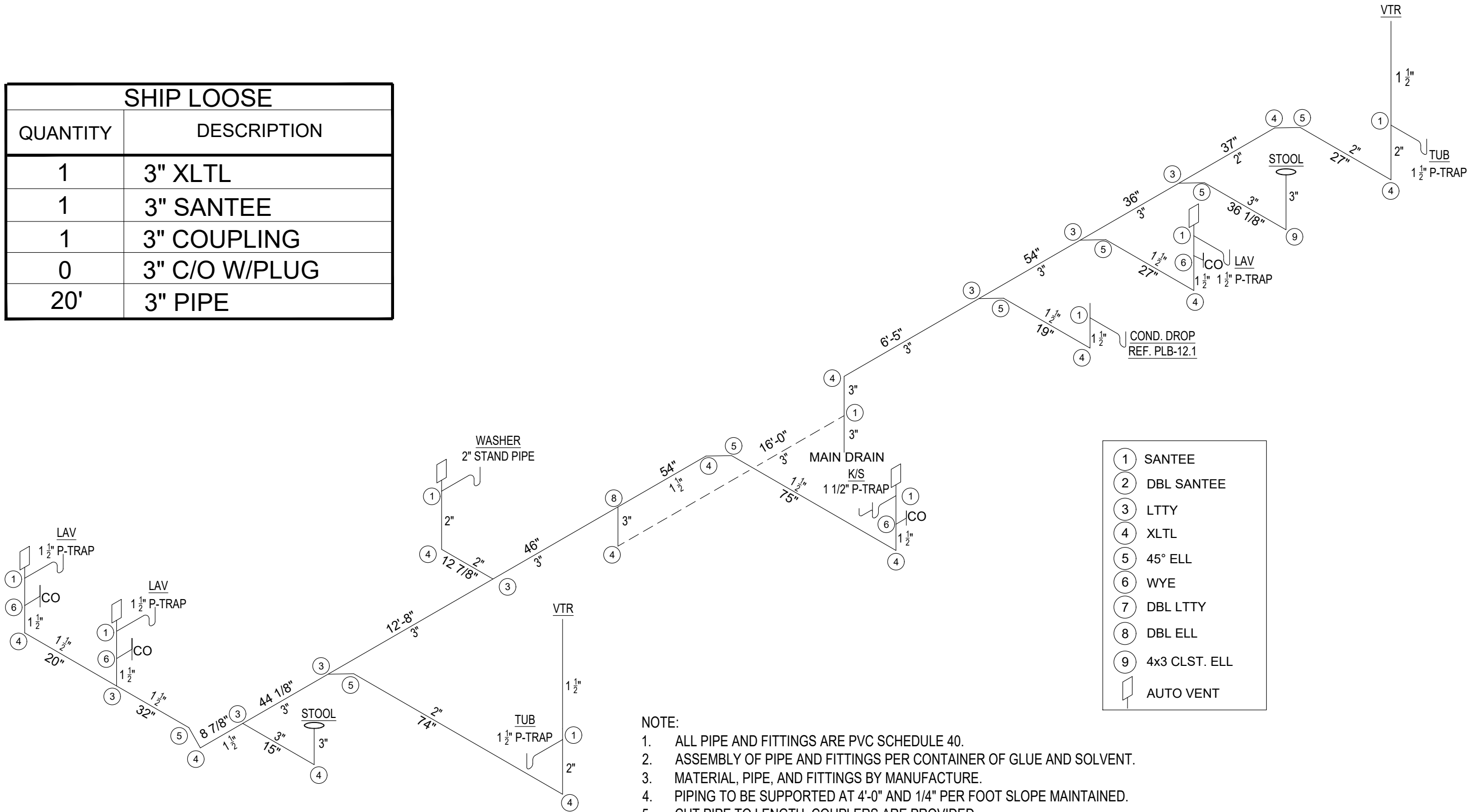
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PULSE PRODUCT
ELECTRICAL LAYOUT

REVISION BOX

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SHIP LOOSE	
QUANTITY	DESCRIPTION
1	3" XLTL
1	3" SANTEE
1	3" COUPLING
0	3" C/O W/PLUG
20'	3" PIPE



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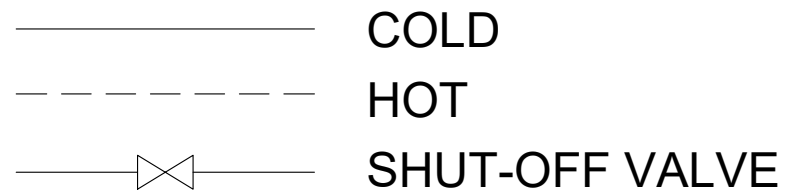
PULSE PRODUCT
PLUMBING DWV LAYOUT

REVISION BOX

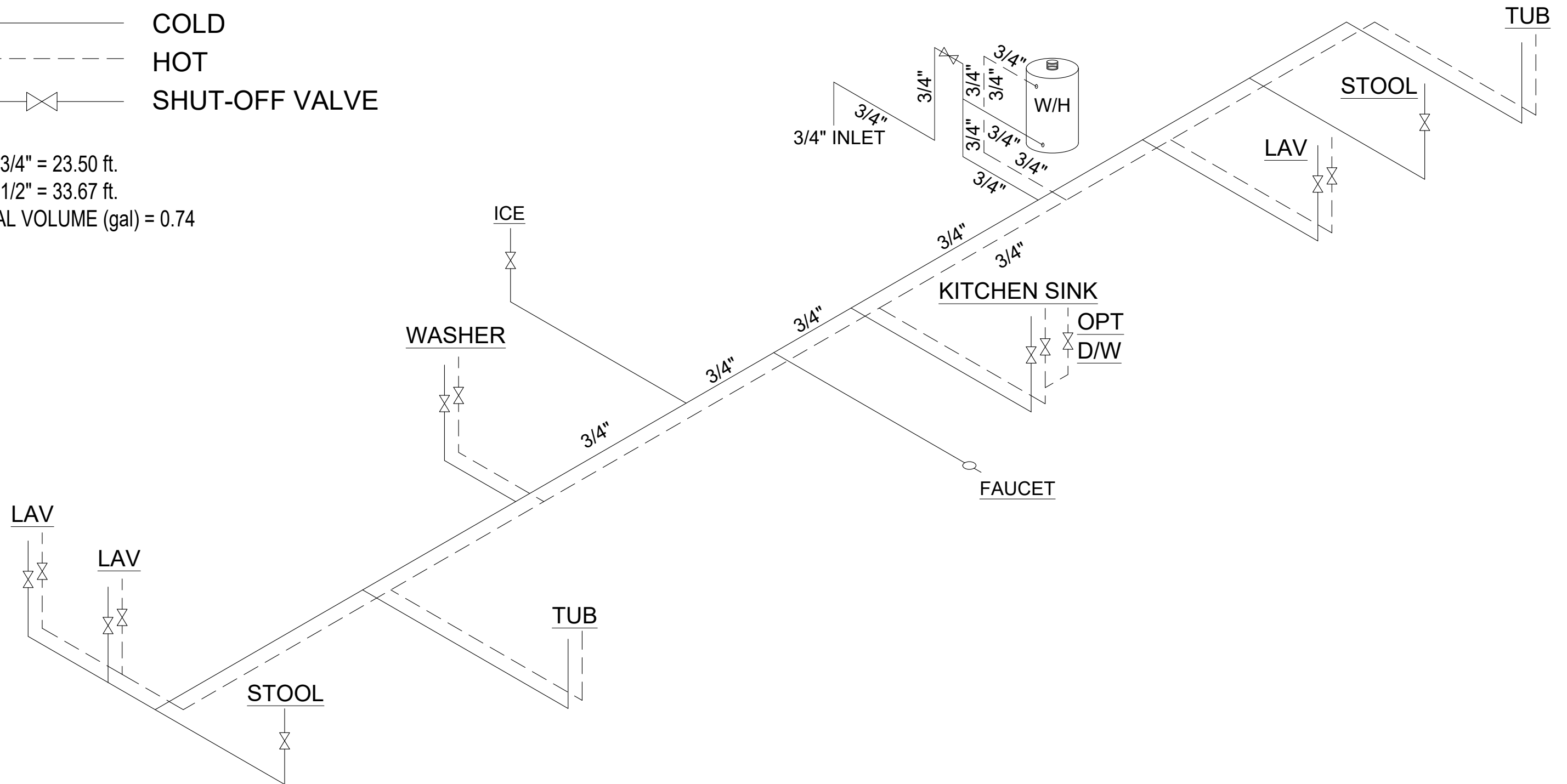
DRAWN BY: DCS
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 2026 MODEL:
5616-4779

NOTES:

1. ALL PIPING IS TUFF-PEX
2. ALL FITTINGS ARE LISTED FOR USE WITH TUFF-PEX
3. ALL LINES 1/2" UNLESS OTHERWISE SPECIFIED
4. MAIN SHUT-OFF INSTALLED AT INLET. ALL OTHER SHUT-OFFS ARE OPTIONAL.
5. WATER HEATER TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS.



MDL 3/4" = 23.50 ft.
 MDL 1/2" = 33.67 ft.
 TOTAL VOLUME (gal) = 0.74



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PULSE PRODUCT
PLUMBING SUPPLY LAYOUT


REVISION BOX

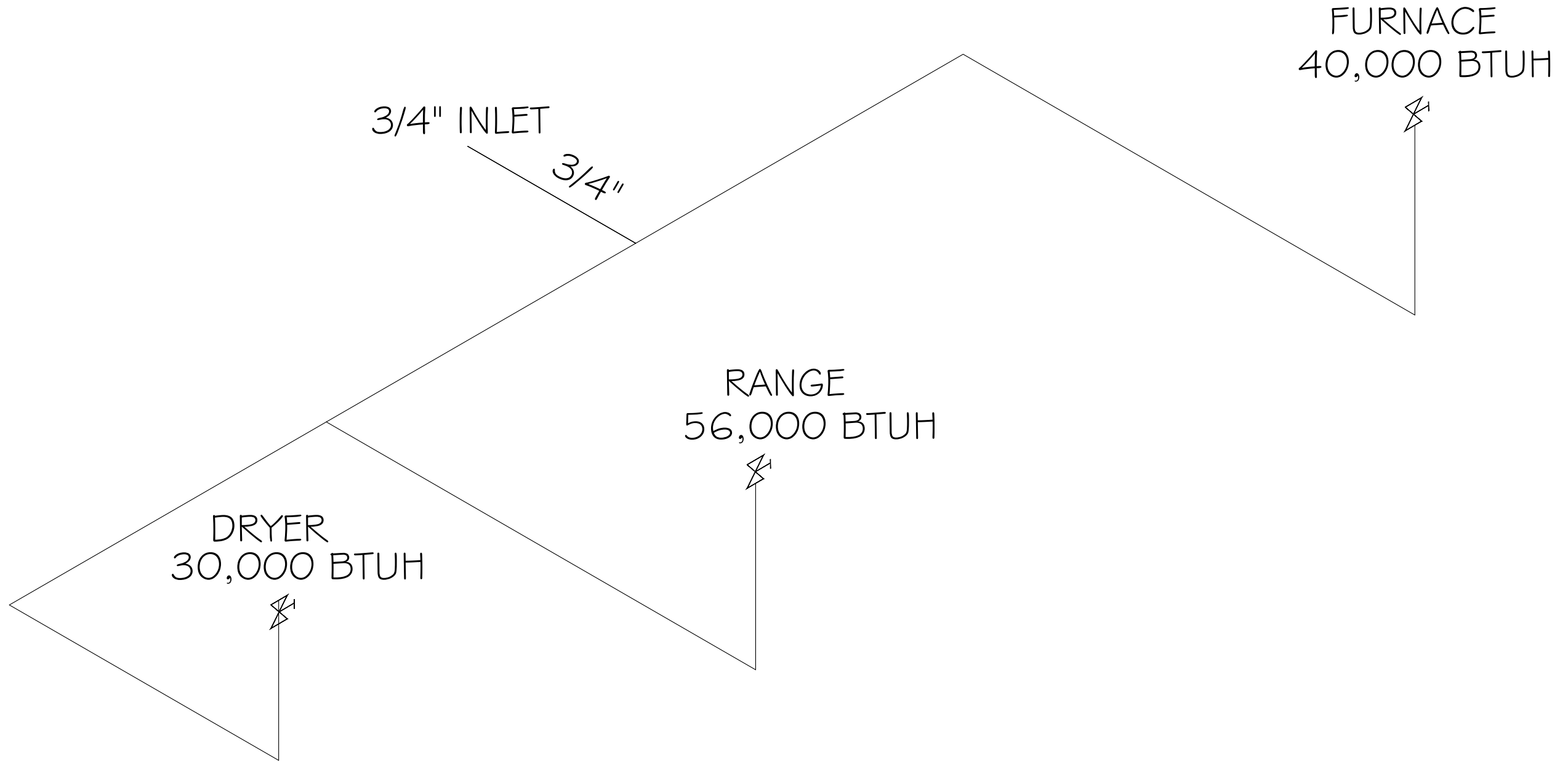
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NOTE:

- 1: ALL PIPE AND FITTINGS ARE B.I.
- 2: TOTAL DESIGN LENGTH IS 30 FEET.
- 3: TOTAL MAXIMUM DESIGN IS 126,000 BTUH.
- 4:  DENOTES SHUT OFF VALVE.
- 5: ALL PIPE 1/2" UNLESS OTHERWISE STATED.



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PULSE PRODUCT
PLUMBING GAS LINE LAYOUT

REVISION BOX

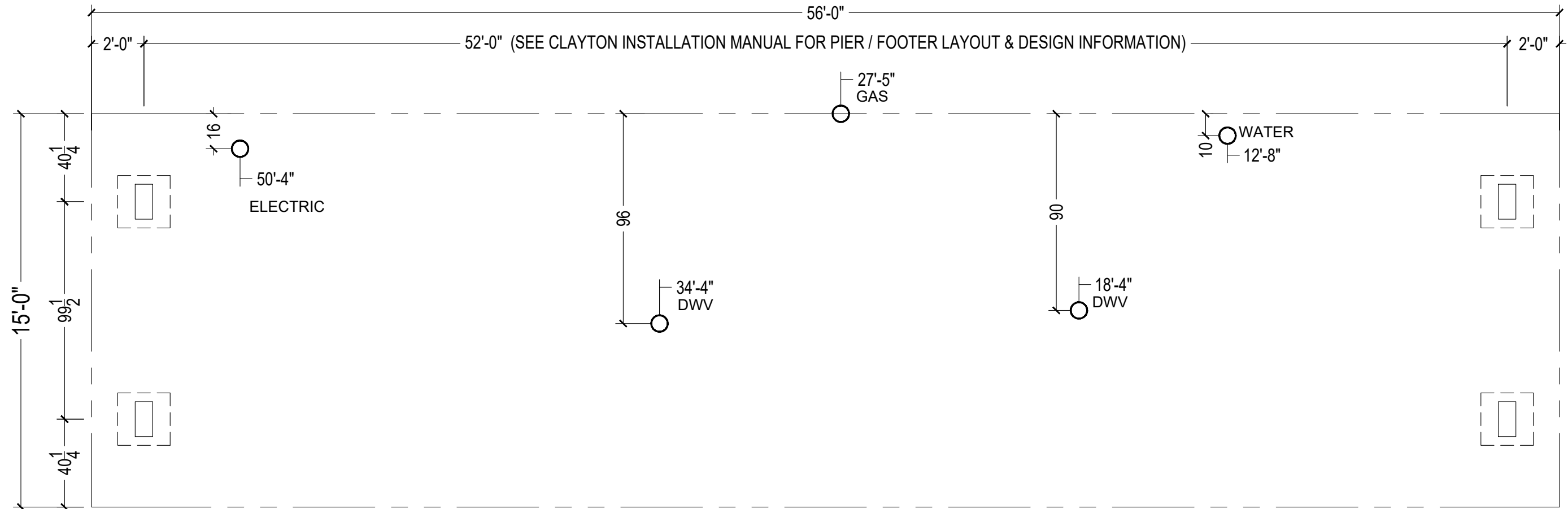
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2026 MODEL:

5616-4779

GENERAL NOTES

1. THIS PRINT IS PROVIDED TO SHOW THE REQUIRED PIER LOCATION THAT ARE NOT MODIFIED BY THE SITE SOIL CLASSIFICATIONS
2. REFERENCE THE CLAYTON HOMES HUD INSTALLATION MANUAL FOR ALL LAYOUT AND DESIGN INFORMATION
3. THIS STRUCTURE HAS NOT BEEN DESIGNED TO BE LOCATED WITHIN FLOOD HAZARD LOCATIONS, WHEN SITE IS LOCATED, AUTHORITY HAVING JURISDICTION OR FLOOD HAZARD MAPS, THE UNIT SHALL HAVE LOWEST FLOOR ELEVATED ABOVE THE DESIGNED FLOOD ELEVATION
4. THE DESIGN WIDTH IS NOMINAL AND DOES NOT TAKE INTO ACCOUNT THE OSB, SIDING, OR GAPS IN THE MATELINE AREA. A SITE INSTALLER SHOULD CONFIRM ALL MEASUREMENTS WITH THE FINISHED STRUCTURE.
5. PERMITER BLOCKING SHOWN MAY BE OMITTED DUE TO ADDITIONAL FLOOR JOISTS PER THE SET UP MANUAL ADDENDUM SU-ADD-177.0.



1. DESIGNED FOR _____ PSF ALLOWABLE SOIL IN ACCORDANCE WITH (PAGE 17 & 18) [3285.202]
2. FROST DEPTH IS _____ INCHES PER (FIGURE 5A) OR FROM LAHJ.
3. FROST PROTECTION WILL BE PROVIDED BY (Check one): NA ; PLACING FOOTERS BELOW GRADE ; FROST PROTECTED DESIGN PAGE _____ ; FROST FREE DESIGN PAGE _____ [3285.312(b)]
4. SPACE FRAME PIERS AT 2' FROM EACH END AND _____ FT.-_____ INCHES ON CENTER BETWEEN.
5. LOAD AT EACH FRAME PIER WILL BE _____ LBS. PER (TABLE 6) without perimeter blocking OR (TABLE 7) with perimeter blocking AT SPACING ABOVE.
6. SINGLE or DOUBLE (circle one) DRY or MORTARED(circle one) STACK CONCRETE BLOCKS WILL BE USED FOR ALL FRAME PIERS WHICH HAS CAPACITY OF _____ LBS PER MAX. & PIER HEIGHT IS _____ INCHES OR LESS (TABLE 9) (PAGE 31) [3285.306]
7. FRAME PIER FOOTING AREA WILL BE _____ SQ. INCHES WHICH WILL BE _____ INCHES (SQUARE OR DIAMETER) (circle one) (TABLE 10)
8. FOOTERS WILL BE POURED/ PRECAST/ OTHER: _____ (circle one or fill in) WITH MINIMUM DEPTH OF _____ INCHES (TABLE 10A)
9. LOAD AT SIDEWALL OPENINGS IS _____ LBS. (TABLE 6d). FOOTING AREA WILL BE _____ SQ. INCHES WHICH WILL BE _____ INCHES (SQUARE OR DIAMETER) (circle one) (TABLE 10)
10. MATING WALL COLUMN PIERS: SPAN: _____ FT.; LOAD: _____ LBS.; FOOTER SIZE: _____ INCHES (SQUARE OR DIAMETER) (circle one); PIER CONF: _____ STACKED; (PER TABLE 5; TABLE 10;TABLE 9)

(Reference to Clayton Homes DAPIA approved Installation manual)
 [Reference to Federal Statutes 24 CFR Part 3280, 3285 or 3286]

FOUNDATION DESIGN INFO.

1. Wind Speed: Wind Zone 1
2. Maximum Roof Load: 30psf
3. Seismic Design Category: C
4. Max Sidewall Overhang: 3"

Perimeter blocking not Required

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PULSE PRODUCT
FOUNDATION LAYOUT 20#, 30#

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