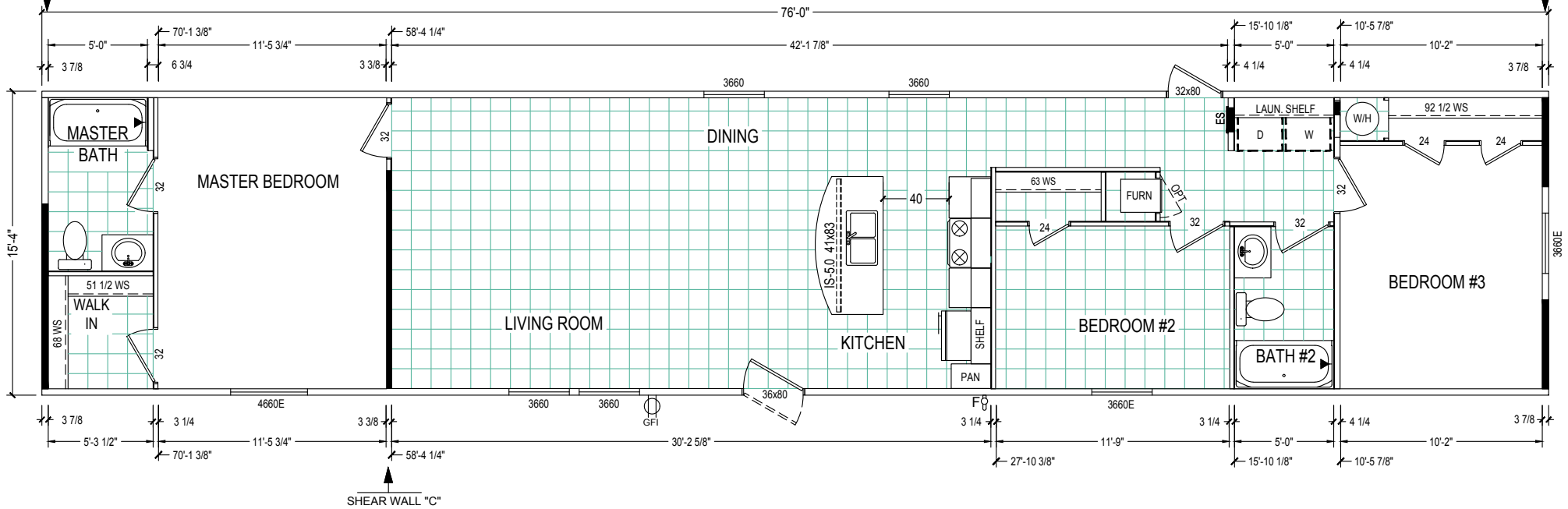


SHEAR WALL "B"

SHEAR WALL "A"

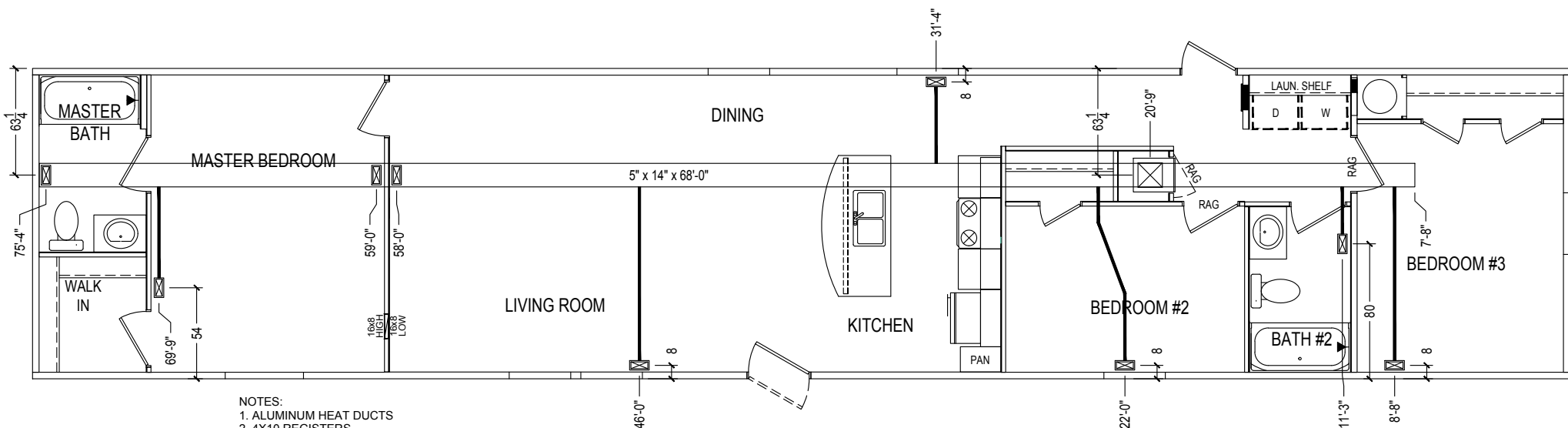


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**THE STEAL**  
**FLOOR PLAN**

REVISION BOX

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 2017 MODEL  
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- NOTES:  
 1. ALUMINUM HEAT DUCTS  
 2. 4X10 REGISTERS  
 3. INLINE REGISTERS STANDARD  
 4. 6" BRANCH DUCTS

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
**THE STEAL**  
**HVAC LAYOUT**

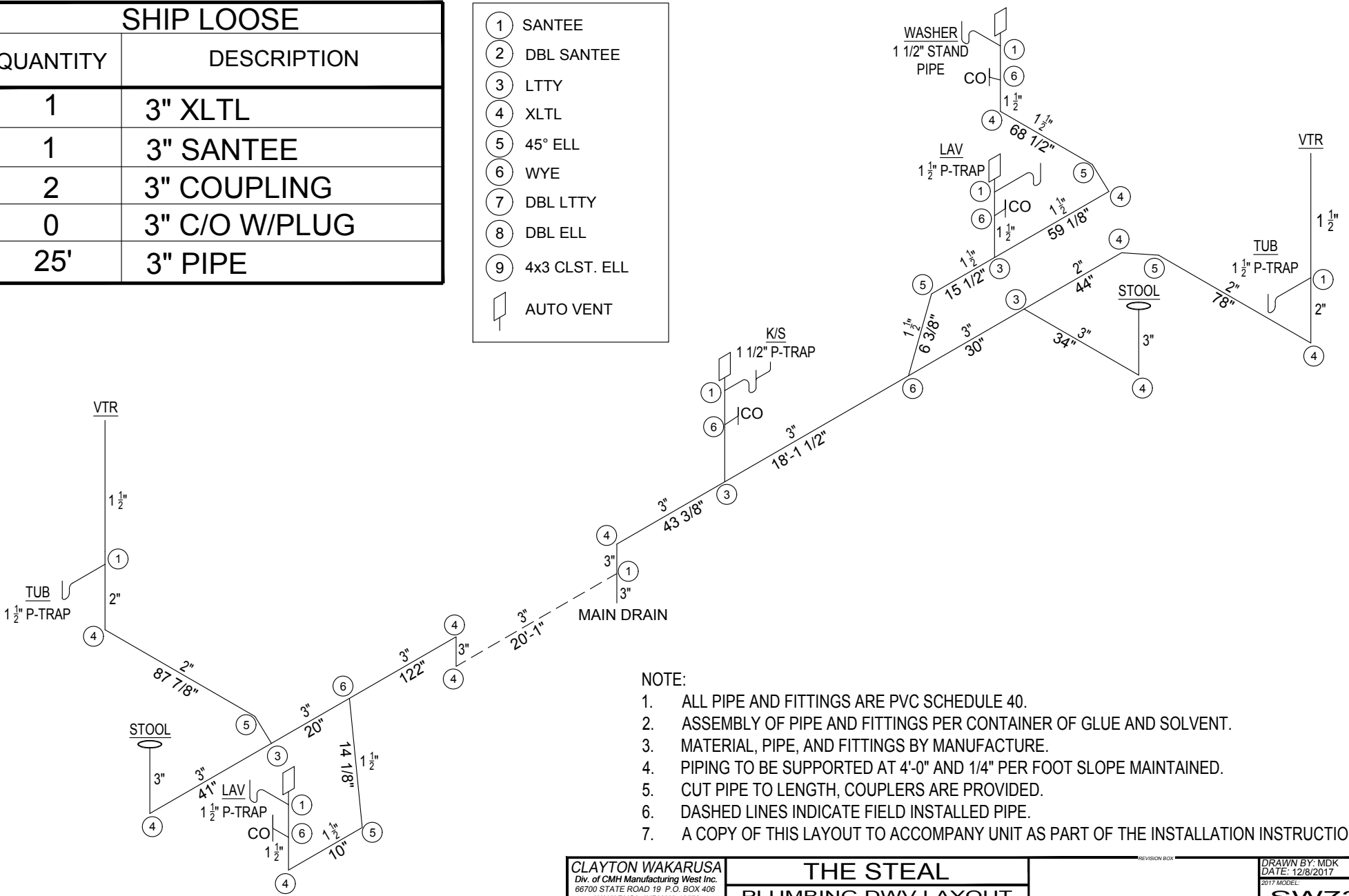
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# SHIP LOOSE

QUANTITY	DESCRIPTION
1	3" XLTL
1	3" SANTEE
2	3" COUPLING
0	3" C/O W/PLUG
25'	3" PIPE

- ① SANTEE
  - ② DBL SANTEE
  - ③ LTTY
  - ④ XLTL
  - ⑤ 45° ELL
  - ⑥ WYE
  - ⑦ DBL LTTY
  - ⑧ DBL ELL
  - ⑨ 4x3 CLST. ELL
-  AUTO VENT



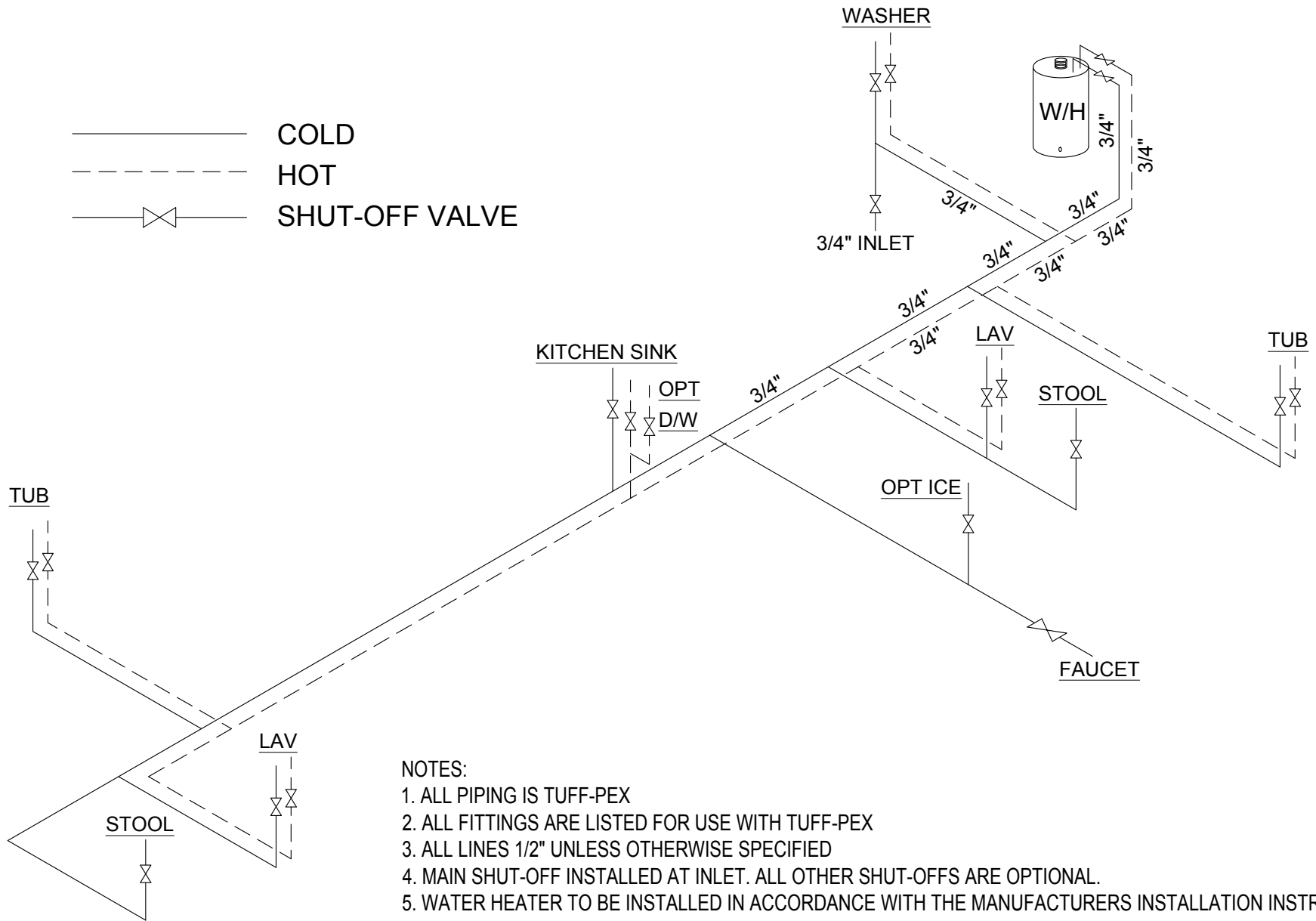
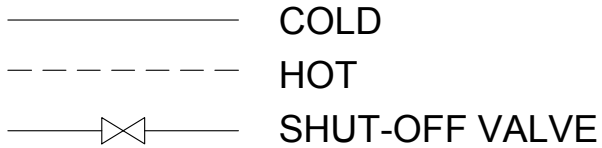
- NOTE:
1. ALL PIPE AND FITTINGS ARE PVC SCHEDULE 40.
  2. ASSEMBLY OF PIPE AND FITTINGS PER CONTAINER OF GLUE AND SOLVENT.
  3. MATERIAL, PIPE, AND FITTINGS BY MANUFACTURE.
  4. PIPING TO BE SUPPORTED AT 4'-0" AND 1/4" PER FOOT SLOPE MAINTAINED.
  5. CUT PIPE TO LENGTH, COUPLERS ARE PROVIDED.
  6. DASHED LINES INDICATE FIELD INSTALLED PIPE.
  7. A COPY OF THIS LAYOUT TO ACCOMPANY UNIT AS PART OF THE INSTALLATION INSTRUCTIONS.

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**THE STEAL**  
**PLUMBING DWV LAYOUT**

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**NOTES:**

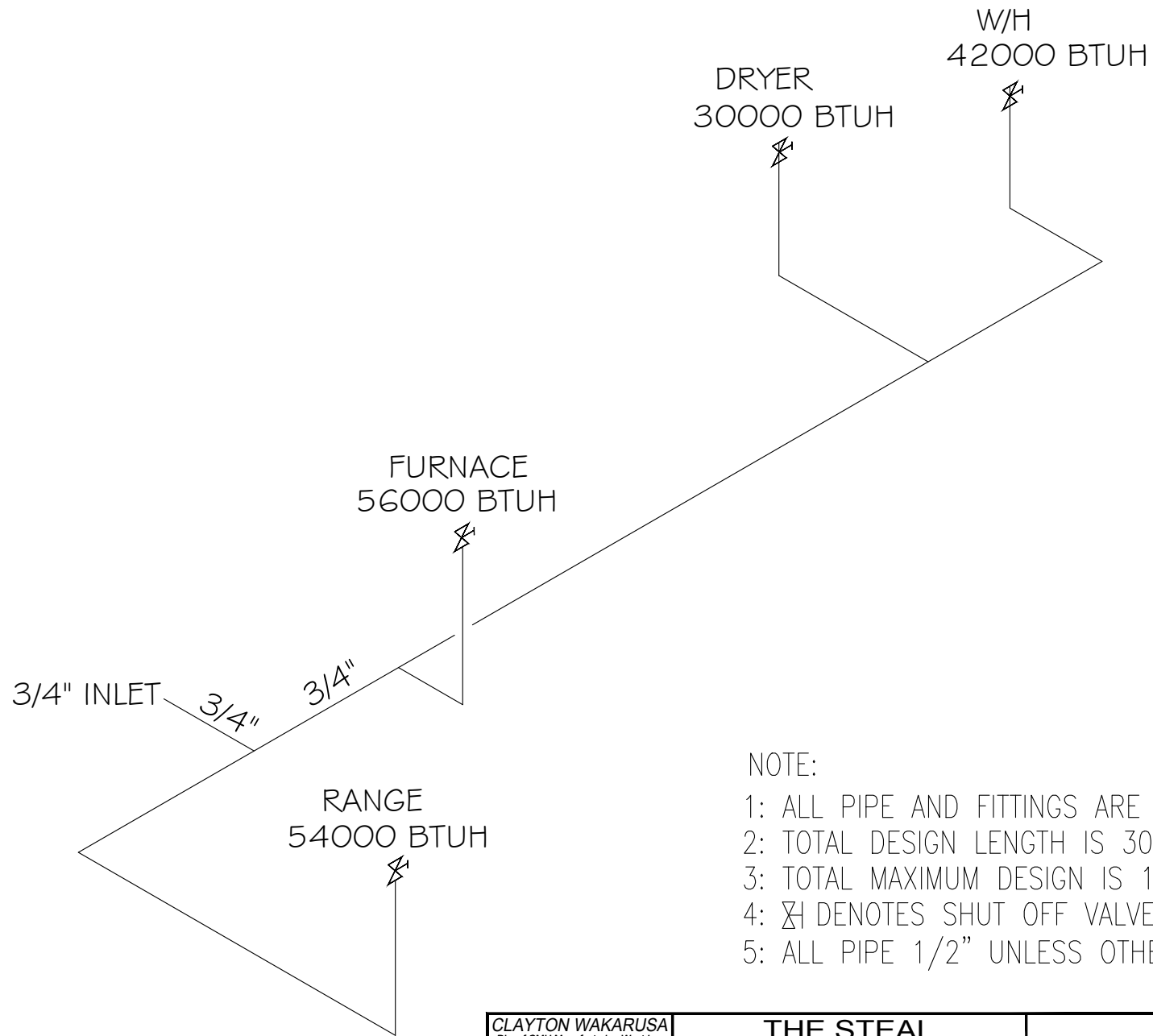
1. ALL PIPING IS TUFF-PEX
2. ALL FITTINGS ARE LISTED FOR USE WITH TUFF-PEX
3. ALL LINES 1/2" UNLESS OTHERWISE SPECIFIED
4. MAIN SHUT-OFF INSTALLED AT INLET. ALL OTHER SHUT-OFFS ARE OPTIONAL.
5. WATER HEATER TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS.

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**THE STEAL**  
 PLUMBING SUPPLY LAYOUT

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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 182000 BTUH.
- 4: ⌘ DENOTES SHUT OFF VALVE.
- 5: ALL PIPE 1/2" UNLESS OTHERWISE STATED.

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**THE STEAL**  
 PLUMBING GAS LINE LAYOUT

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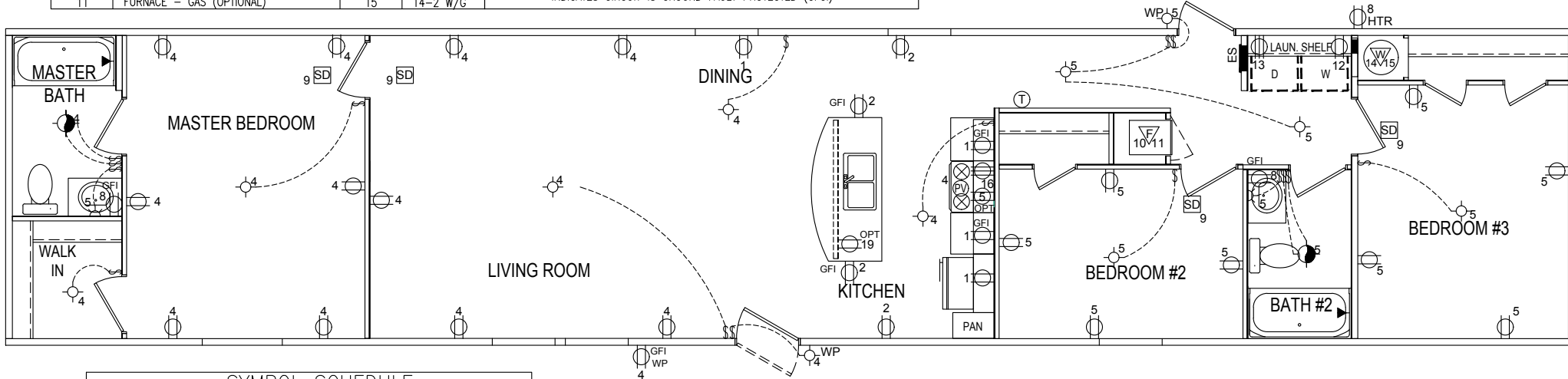
## ELECTRICAL SCHEDULE

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 (1650 WATTS) (OPTIONAL)	20	12-2 W/G
4	GENERAL LIGHTING	15	14-2 W/G	* 15	WATER HEATER (4500 WATTS) (OPTIONAL)	25	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	WALL OVEN / COOKTOP	30	10-2 W/G
7	GENERAL LIGHTING	15	14-2 W/G	18	FREEZER (OPTIONAL)	20	12-2 W/G
8	BATH GFCI CIRCUIT	20	12-2 W/G	19	DISHWASHER / CARBAGE DISPOSAL (OPT)	20	12-2 W/G
9	SMOKE DETECTORS	15	14-3 W/G	20	MICROWAVE OVEN (OPTIONAL)	20	12-2 W/G
10	ELECTRIC FURNACE			21	TRASH COMPACTOR (OPTIONAL)	15	14-2 W/G
	1. ALTERNATE CIRCUIT	60	4-4-2 W/G	** 22	WHIRLPOOL TYPE TUB	20	12-2 W/G
	2. ALTERNATE CIRCUIT (WIRE #1)	30	10-2 W/G				
	(WIRE #2)	60	4-4-2 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. CLOSET LIGHTS TO BE A MIN. 12" FROM SHELF AND CLOSED TYPE.
2. HEAT TAPE RECEPT LOCATED WITHIN 24" OF WATER INLET.
3. WIRE IS NM CABLE WITH GROUND.
4. LAVATORY RECEPTS ARE GFI PROTECTED.
5. ALL KITCHEN RECEPTACLES OVER COUNTER TOPS ARE GFCI PROTECTED.
6. OUTSIDE RECEPT IS GFI PROTECTED.
7. ALL RECEPTS LOCATED OUTSIDE ARE PROTECTED WITH WEATHER-PROOF COVERS
8. EXTERIOR FIXTURES ARE LISTED FOR OUTSIDE USE.
9. ALL SMOKE ALARMS ARE CEILING MOUNTED. THEY ARE ON A DEDICATED CIRCUIT WITH ONE OR MORE FIXTURES INCLUDED. THEY ARE MULTIPLE STATION ALARMS WITH BATTERY BACK UP. ANY SMOKE ALARM LOCATED WITHIN 20 FEET OF A KITCHEN MUST HAVE A TEMPORARY SILENCING FEATURE.



## SYMBOL SCHEDULE

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
⊙	LIGHT FIXTURE	⊠	COAX/PHONE/DATA JACK
⊙	RECESSED CAN LIGHT "IC" LISTED	SD	SMOKE DETECTOR
⊕	DUPLEX RECEPTACLE	ES	SERVICE PANEL
⊕	DRYER RECEPTACLE (30A/230V)	WP	WEATHER PROOF FIXTURE
⊞	WALL SWITCH	⊙	POWER VENT W/LIGHT
⊞	THREE WAY WALL SWITCH	GFI	GROUND FAULT PROTECTED
⊞	THERMOSTAT	PV	POWER VENT
F/10/11	FURNACE	J	JUNCTION BOX
PJ	PHONE JACK	W/14/15	WATER HEATER
CJ	CABLE JACK	⊠	PENDANT LIGHT FIXTURE

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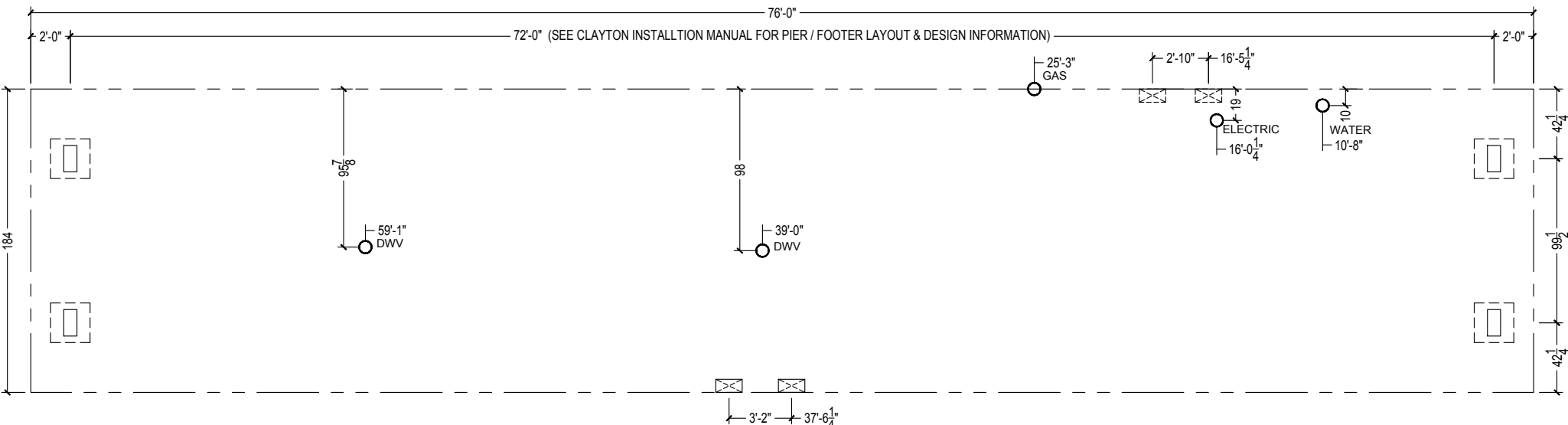
**THE STEAL**  
**ELECTRICAL LAYOUT**

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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

**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.

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**THE STEAL**  
 FOUNDATION LAYOUT 20#, 30#

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