

20 lb ROOF LOAD		SIDEWALL OPENING (FT)					
REQUIRED PIER LOAD (LBS)		3	4	5	6	8	10
28' BOX WIDTH		1175	1330	1485	1640	1950	2260

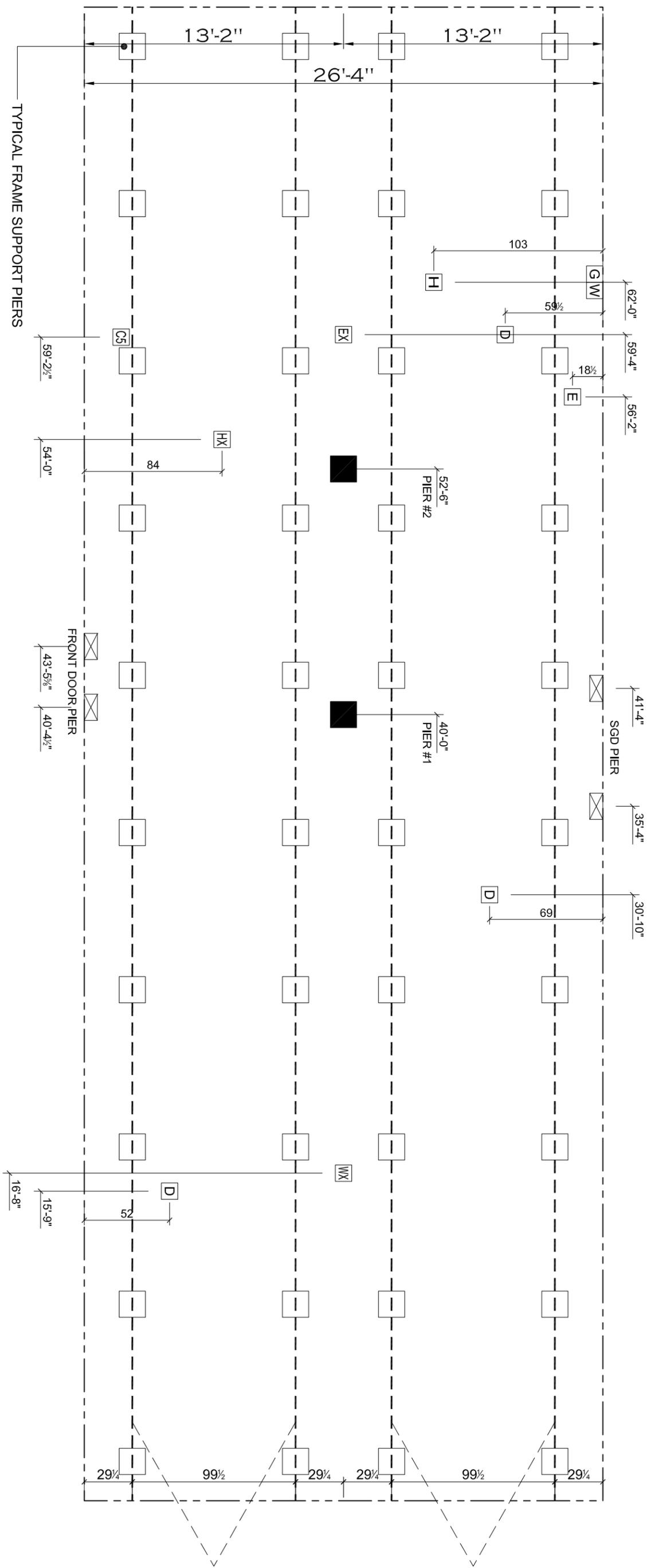
\*FOR 30 lb & 40 lb ROOF LOAD REFER TO TABLES 7b & 7c IN THE INSTALLATION MANUAL.

20 psf Roof Live Load		30 psf Roof Live Load			
Column Pier #	Distance from Hitch	Pier Load (lbs)	Column Pier #	Distance from Hitch	Pier Load (lbs)
1	40	2869	1	40	4745
2	52.5	2869	2	52.5	4745

SERVICE DROP LEGEND	
	= ELECTRICAL DROP
	= WATER INLET
	= DWV PLUMBING DROP
	= GAS INLET
	= HVAC DROP
	= COMMUNICATIONS DROP
	= ELECTRICAL CROSSOVER
	= WATER CROSSOVER
	= HVAC CROSSOVER

PIER LEGEND	
	= SUPPORT UNDER MANTLE OPENING
	= SUPPORT AT MANTLE COLUMN
	= SUPPORT UNDER MANTLE WALL
	= PIER PORCH/ACCESSED ENTRY
	= PIER MAIN BEAM
	= PIER PERIMETER
	= TIE-DOWN SUPPORT (QTY PER TBL. M. SEE DETAIL DRAIN FOUND. FIG.)

- GENERAL NOTES:
- PIER LOADS SHOWN ARE TO BE USED TO SIZE THE FOOTINGS BELOW THE MARRIAGEWALL FOR COLUMN SUPPORT PIERS. REFER TO TABLES 6b AND 6c IN THE INSTALLATION MANUAL FOR LOAD ON FRAME PIER FOOTINGS FOR HOMES THAT DO NOT REQUIRE PERIMETER BLOCKING. REFER TO TABLES 7b AND 7c IN THE INSTALLATION MANUAL FOR LOAD ON FRAME PIER FOOTINGS THAT REQUIRE PERIMETER BLOCKING. REFER TO TABLES 10 AND 10a TO DETERMINE FOOTING SIZE FOR ALL PIERS.
  - REFER TO TABLE 9 FOR PIER CONFIGURATION AND MAXIMUM ALLOWABLE HEIGHTS. CROSS REFERENCE THE PIER HEIGHT WITH THE MAXIMUM ALLOWABLE FLOOR HEIGHT LISTED IN THE FRAME TIEDOWN CHARTS (TABLE 18, 19, AND 20).
  - THE MFG WIDTH SHOWN IS FOR STANDARD PRODUCT ONLY. CONTACT SERVICE DROP LOCATIONS IDENTIFIED ARE APPROXIMATE.
  - THE MAXIMUM SPACING FOR FRAME SUPPORT PIERS FOR 8" I-BEAMS IS 8 FEET, 10" & 12" I-BEAMS ARE 10 FEET.



SHEET NO. <b>SU-1.</b>	SHEET NAME <b>PIERS</b>	PLAN NO. <b>TRU-2876-53-1</b>	SCALE <b>3/16"=1'</b>	DATE PRINTED <b>11/18/2025</b>	DATE DRAWN <b>1/19/2024</b>	DRAWN BY <b>Jeremy Huiting</b>	MODEL NAME <b>Redwood</b>	REVISION	DATE
			MODEL NO. <b>TRT28765R</b>	BOX SIZE <b>28' x 76'</b>	MODEL SQ. FT. <b>2,001</b>				

