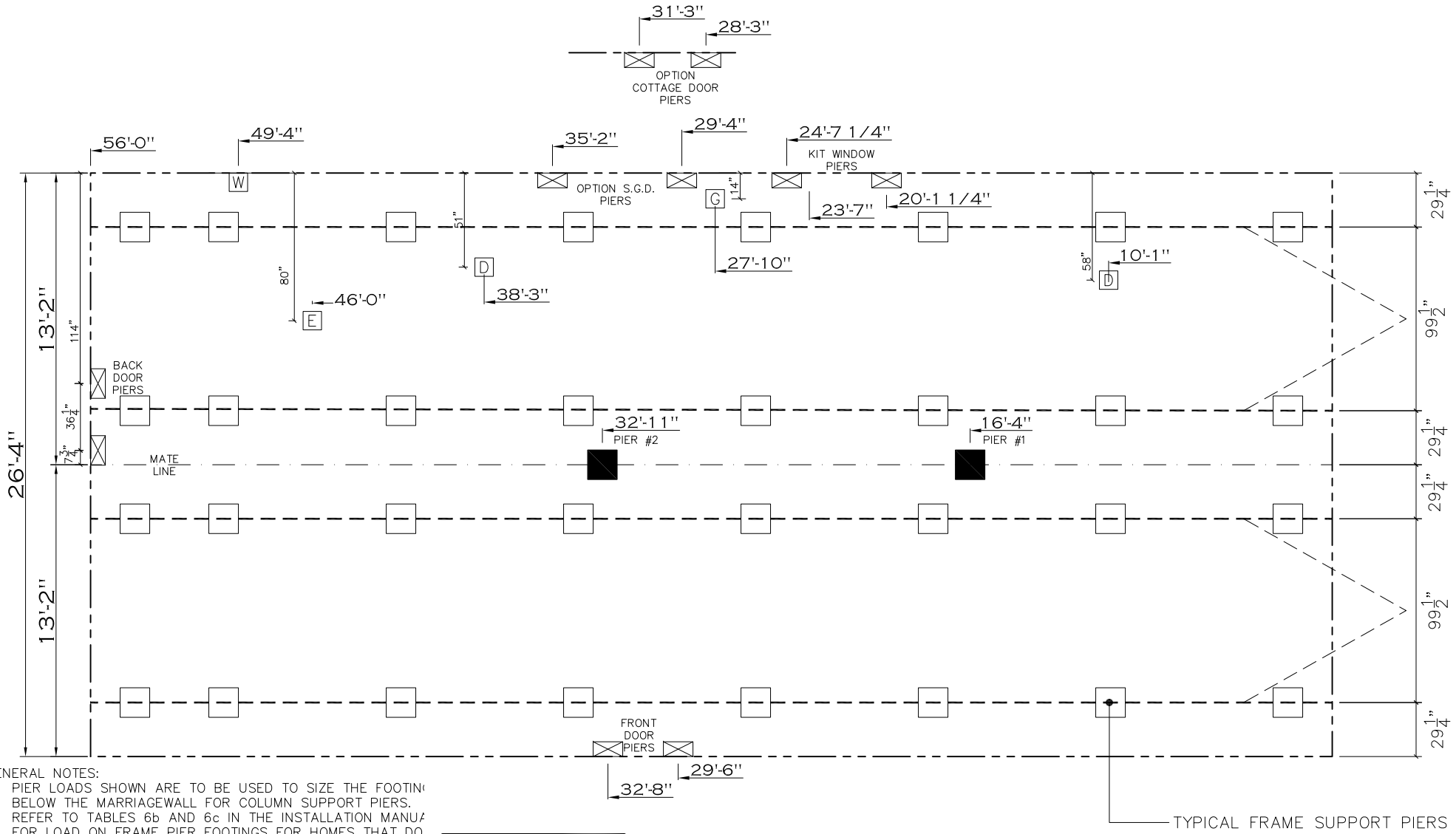
20 lb ROOF LOAD SIDEWALL OPENING PIER LOAD 14' BOX WIDTH	SIDEWALL OPENING (FT) REQUIRED PIER LOAD (LBS)					
	3	4	5	6	8	10
	1175	1330	1485	1640	1950	2260

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

20 psf Roof Live Load		
Column Pier #	Distance from Hitch	Pier Load (lbs)
1	16.333	3675
2	32.917	3675

30 psf Roof Live Load		
Column Pier #	Distance from Hitch	Pier Load (lbs)
1	16.333	5820
2	32.917	5820

40 psf Roof Live Load		
Column Pier #	Distance from Hitch	Pier Load (lbs)
1	16.333	7176
2	32.917	7176



GENERAL NOTES:

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

PIER LEGEND

- ☐ = SUPPORT UNDER MATING OPENING
- ■ = SUPPORT AT MATING COLUMN
- ▨ = SUPPORT UNDER MATING WALL
- ● = PIER PORCH/RECESSED ENTRY
- ☐ = PIER MAIN BEAM
- ⊠ = PIER PERIMETER
- ● = TIE-DOWN SUPPORT (QTY PER TBL M, SEE DETAIL D-6 IN FOUND. PKG.)

SERVICE DROP LEGEND

- [E] = ELECTRICAL DROP
- [W] = WATER INLET
- [D] = DWV PLUMBING DROP
- [G] = GAS INLET

Product Designer: BOWERS, J | Drawing #: 38M151
Model #: SLT28563D | 28' x 56' PT 78 | Scale: NTS | Sq. Ft.: 1475
Date: 10/23/2023 | REVISION REV:7/15/2024 11:31 AM

M-PIER.

CMH MANUFACTURING