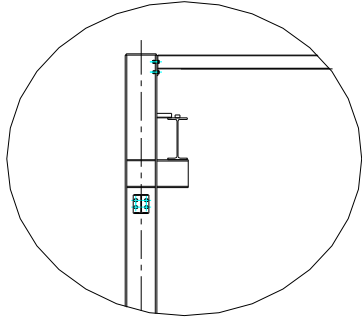
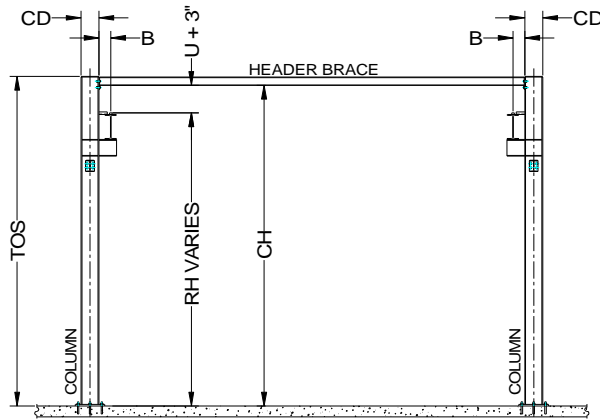


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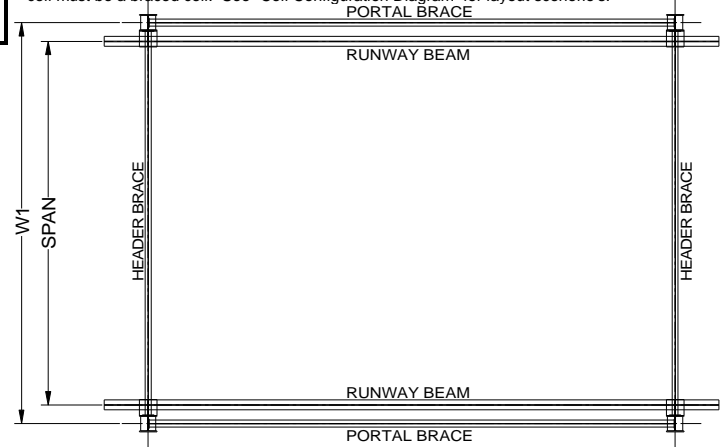
DIMENSIONS & WEIGHTS - TYPE FSTM-2000 1-TON CAPACITY FREE STANDING RUNWAY STRUCTURE FOR MOTORIZED CRANE - 20FT TOS



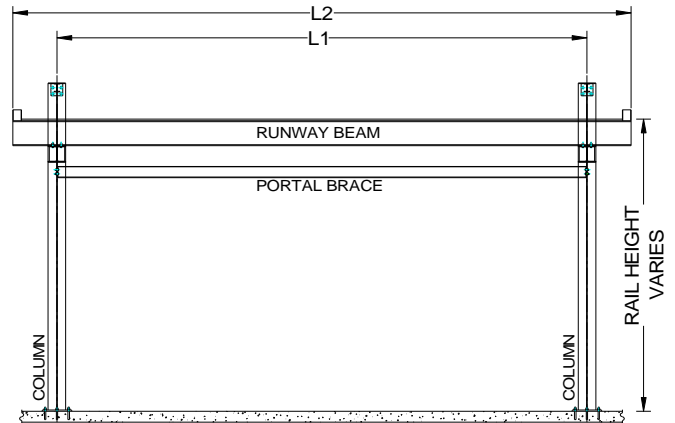
BEAM/COL. DETAIL



END VIEW



PLAN VIEW



LONGITUDINAL VIEW

GENERAL NOTES:

- Runway rail is rectangular square bar welded to runway beam.
Additional field welding is required at splice joints that overlap beam splices.
- Capacities shown are for One (1) Crane at rated capacity.
- Runway designed for MCC standard crane types: TRSGCH, TRSGWR, TRSGWD, or TRSGWS.
Special or customer supplied cranes require review of structure for specific crane design
- For non-standard lengths, widths, or heights; use next larger structure and order with exact dimensions required.
- Structure kit includes: ACAD system installation drawing specific for order, all structural steel work per attached concept drawing, bolting hardware, anchoring hardware for 6" minimum floor thickness, and gray primer paint finish.
- Structure deflection is approximately 1/2" maximum in all directions. Please contact MCC if additional deflection control is required.
- Runway rail height "RH" is calculated for each structure for specific crane to be used.
Formula: Rail Height RH = Clear Height (CH) - Crane Height (U)-3" clearance
- Minimum 6" reinforced concrete (min.4000psi) floor required for all structures.
- Base runway cell is a braced cell. Additional cells can be unbraced cell. Every other cell must be a braced cell. See "Cell Configuration Diagram" for layout scenarios.

1-TON CAPACITY / 20 FT (TOS) SYSTEM HEIGHT

ITEM #	SYSTEM I.D. NUMBER	LENGTH L1 (FT)	WIDTH W1 (FT)	HEIGHT TOS (FT)	HEIGHT CH (FT)	SPAN (FT)	LENGTH L2 (FT)	HEIGHT RH (FT)	WIDTH CD (IN)	WIDTH B (IN)	SYSTEM WT. (LBS)	# COL'S. TOTAL
1	FSTM-2000-20-20-20	20.00	20.00	20.00	19.50	18.17	25.00	CH-U-3"	8.00	7.00	5,685	4
2	FSTM-2000-25-20-20	25.00	20.00	20.00	19.50	18.17	30.00	CH-U-3"	8.00	7.00	6,578	4
3	FSTM-2000-30-20-20	30.00	20.00	20.00	19.50	18.17	35.00	CH-U-3"	8.00	7.00	7,755	4
4	FSTM-2000-20-25-20	20.00	25.00	20.00	19.33	23.17	25.00	CH-U-3"	8.00	7.00	5,969	4
5	FSTM-2000-25-25-20	25.00	25.00	20.00	19.33	23.17	30.00	CH-U-3"	8.00	7.00	6,862	4
6	FSTM-2000-30-25-20	30.00	25.00	20.00	19.33	23.17	35.00	CH-U-3"	8.00	7.00	8,332	4
7	FSTM-2000-20-30-20	20.00	30.00	20.00	19.33	28.17	25.00	CH-U-3"	8.00	7.00	6,504	4
8	FSTM-2000-25-30-20	25.00	30.00	20.00	19.33	28.17	30.00	CH-U-3"	8.00	7.00	7,397	4
9	FSTM-2000-30-30-20	30.00	30.00	20.00	19.33	28.17	35.00	CH-U-3"	8.00	7.00	8,868	4
10	FSTM-2000-20-35-20	20.00	35.00	20.00	19.17	33.17	25.00	CH-U-3"	8.00	7.00	6,851	4
11	FSTM-2000-25-35-20	25.00	35.00	20.00	19.17	33.17	30.00	CH-U-3"	8.00	7.00	7,943	4
12	FSTM-2000-30-35-20	30.00	35.00	20.00	19.17	33.17	35.00	CH-U-3"	8.00	7.00	9,162	4
13	FSTM-2000-20-40-20	20.00	40.00	20.00	19.00	38.17	25.00	CH-U-3"	8.00	7.00	7,418	4
14	FSTM-2000-25-40-20	25.00	40.00	20.00	19.00	38.17	30.00	CH-U-3"	8.00	7.00	8,510	4
15	FSTM-2000-30-40-20	30.00	40.00	20.00	19.00	38.17	35.00	CH-U-3"	8.00	7.00	9,729	4
16	FSTM-2000-20-45-20	20.00	45.00	20.00	18.83	43.17	25.00	CH-U-3"	8.00	7.00	8,426	4
17	FSTM-2000-25-45-20	25.00	45.00	20.00	18.83	43.17	30.00	CH-U-3"	8.00	7.00	9,518	4
18	FSTM-2000-30-45-20	30.00	45.00	20.00	18.83	43.17	35.00	CH-U-3"	8.00	7.00	10,810	4
19	FSTM-2000-20-50-20	20.00	50.00	20.00	18.67	48.17	25.00	CH-U-3"	8.00	7.00	9,371	4
20	FSTM-2000-25-50-20	25.00	50.00	20.00	18.67	48.17	30.00	CH-U-3"	8.00	7.00	10,463	4
21	FSTM-2000-30-50-20	30.00	50.00	20.00	18.67	48.17	35.00	CH-U-3"	8.00	7.00	11,755	4

ADDTL. CELL LENGTH

ADDTL. LGTH (FT)	ADDTL. WT. (LBS)	ADDTL. COL'S. (EA)
20.00	2,537	2
25.00	3,094	2
30.00	3,693	2
20.00	2,678	2
25.00	3,235	2
30.00	4,086	2
20.00	2,946	2
25.00	3,503	2
30.00	4,354	2
20.00	3,135	2
25.00	3,860	2
30.00	4,501	2
20.00	3,419	2
25.00	4,144	2
30.00	4,785	2
20.00	3,744	2
25.00	4,469	2
30.00	5,173	2
20.00	4,217	2
25.00	4,942	2
30.00	5,646	2