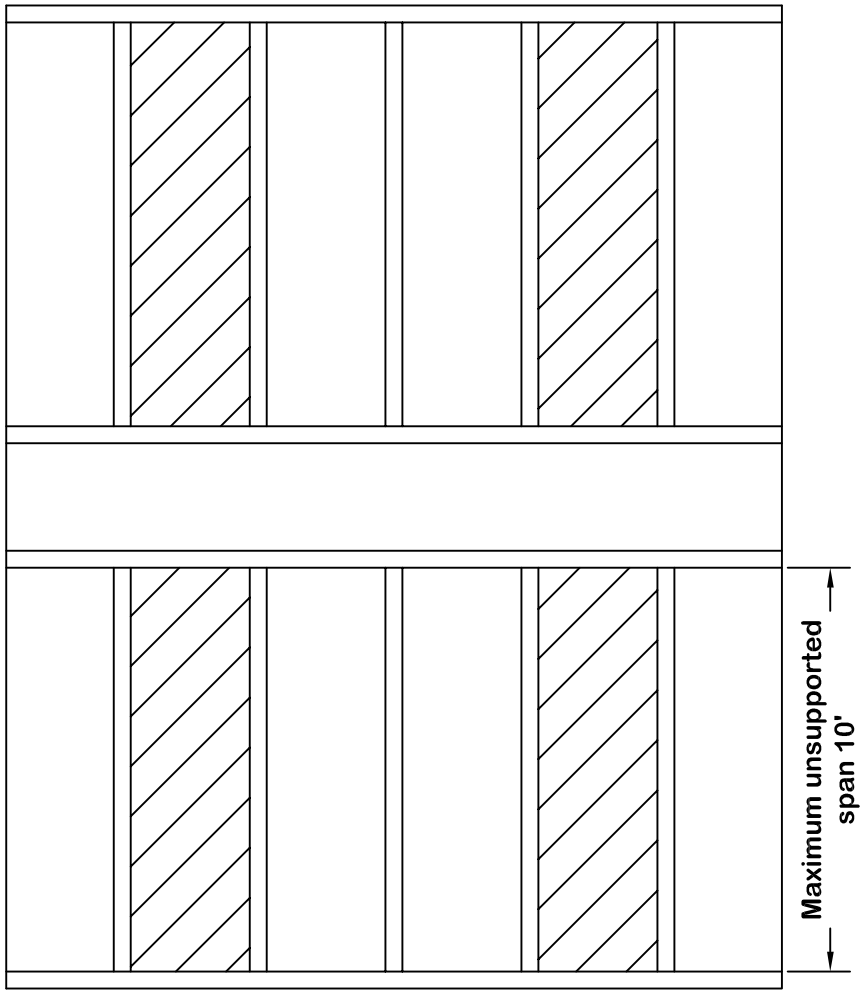
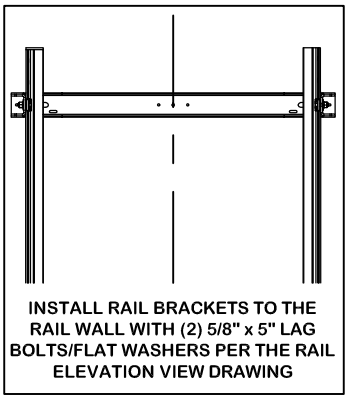
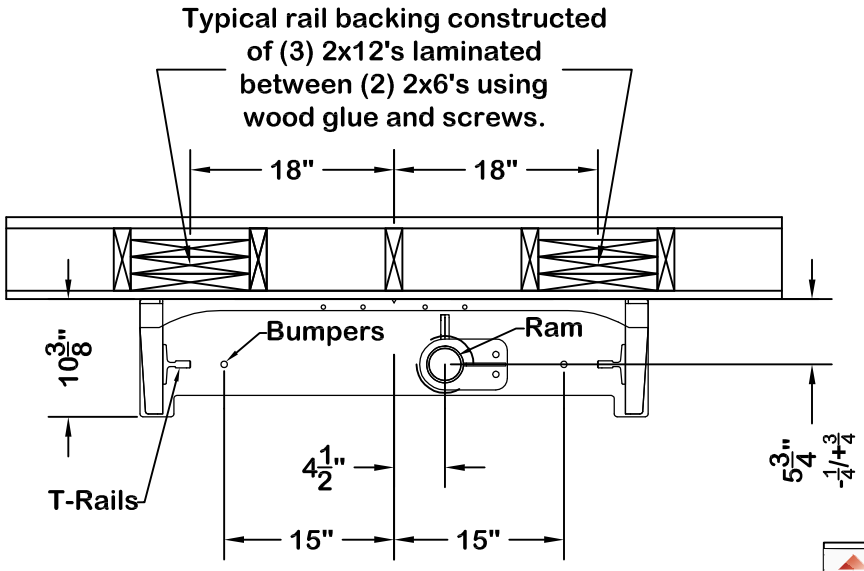
THIS DRAWING IS FOR PLANNING PURPOSES ONLY DO NOT USE FOR CONSTRUCTION

Notes:

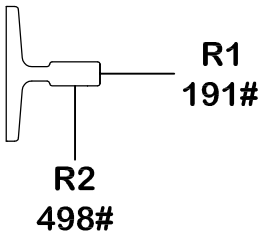
1. The maximum rail bracket spacing is 6'.
2. The maximum vertical force imposed on each guide rail on application of the safety is approximately 4,800 lbs. for a total floor impact load of 9600 lbs. This load is applied at the respective T-rail locations on the base plate.
3. The impact load imposed on each buffer or bumper assembly is approximately 3300 lbs. for a total floor impact load of 6600 lbs. This load is applied at the respective buffer or bumper floor plate locations.
4. The approximate overall static net vertical load from the elevator system is 3760 lbs. This value includes the capacity, cab, sling, ram, ram's header, and fluid weights and is applied at the ram location on the base plate.
5. The maximum working pressure of the hydraulic system is 750 psi.
6. The hydraulic line shall be $\frac{3}{4}$" hydraulic tubing with a .065 wall thickness or $\frac{3}{4}$" schedule 80 seamless pipe.
7. The rated speed in the down direction is 30 fpm.
8. Hoistway to be constructed plumb and vertical within $\frac{1}{4}$" from top to bottom.

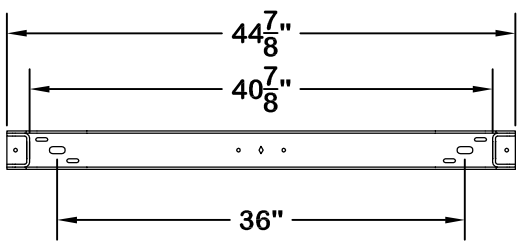






Rail Forces (each rail) 8# T-Rail





SYMMETRY ELEVATING SOLUTIONS

TITLE			SCALE
ELEVATION - TYPICAL RAIL BACKING			NONE
DRAWN BY	ORIGINAL DATE	DRAWING NO.	REV
TKG	2/19/19	LULA23	R0

JOB INFORMATION