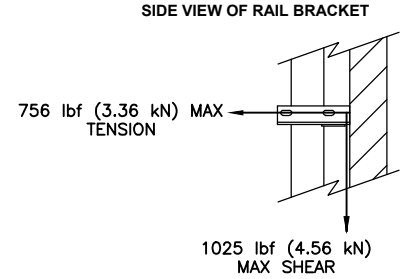
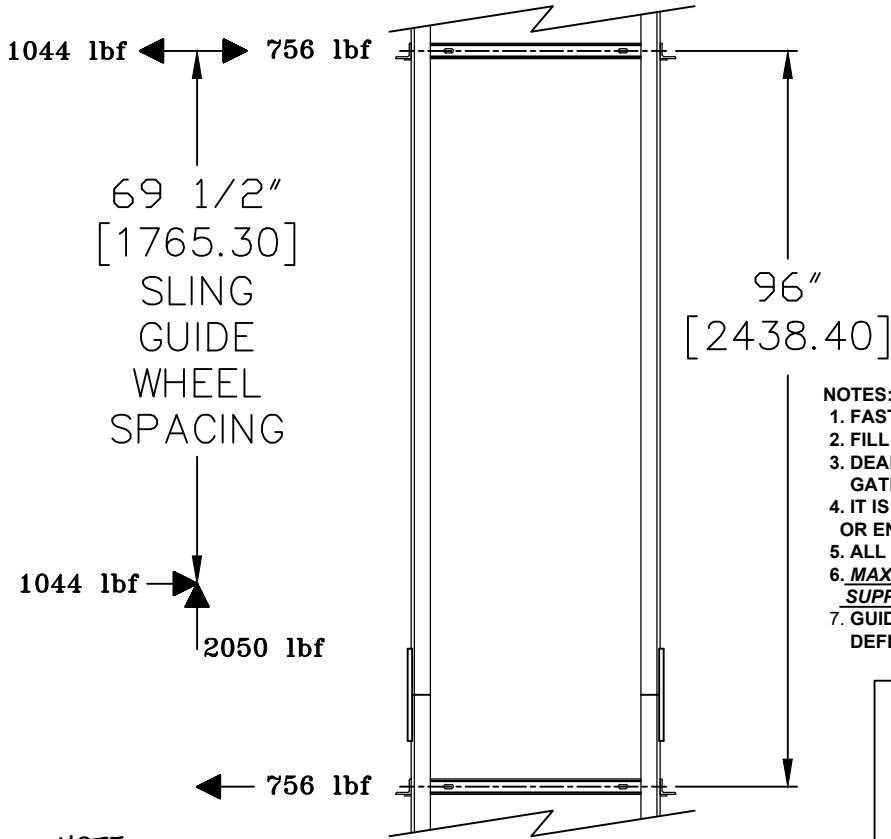
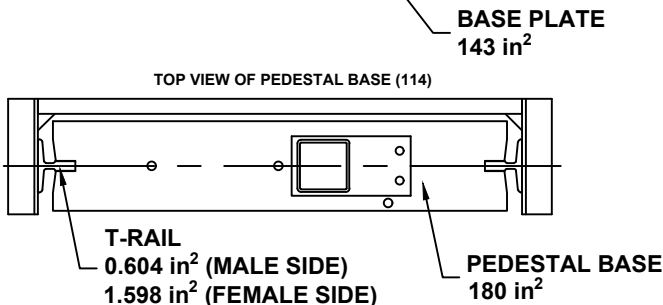
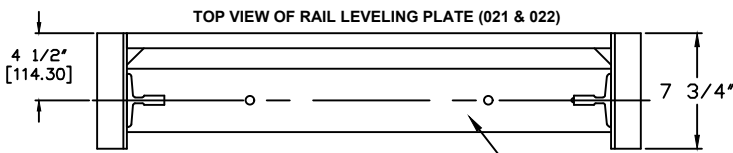
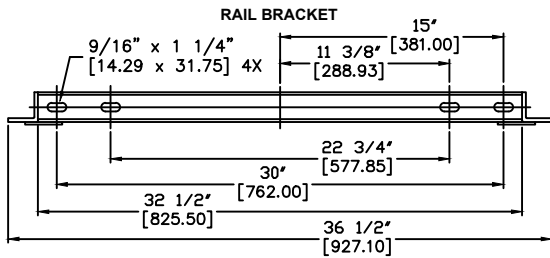


MAXIMUM LIVE (STATIC) LOAD = 1000 lbf
MAXIMUM DEAD (STATIC) LOAD = 1050 lbf (SEE NOTE #3)
MAXIMUM TOTAL (STATIC) LOAD = 2050 lbf
MAXIMUM SHEAR (STATIC) PER BRACKET = 1025 lbf (257 lbf PER FASTENER)
MAXIMUM TENSION (STATIC) PER BRACKET = 756 lbf (189 lbf PER FASTENER)



- NOTES:**
1. FASTENERS BY OTHERS.
 2. FILL ALL ANCHOR POINTS.
 3. DEAD LOAD OF ELEVATOR INCLUDES SLING, CAB, FLOORING GATE(S), ETC. AND ALL PERMANENT FIXTURES.
 4. IT IS THE RESPONSIBILITY OF THE INSTALLER/CONTRACTOR OR ENGINEER TO DESIGN AND SPECIFY STRUCTURAL SUPPORTS.
 5. ALL CONSTRUCTION TO BE IN COMPLIANCE WITH LOCAL CODES.
 6. MAXIMUM RAIL BRACKET TENSION/SHEAR MOVES UP AND DOWN SUPPORT WALL AT 40 FEET PER MINUTE.
 7. GUIDE RAIL SUPPORT WALL CANNOT EXCEED 1/8" OF TOTAL DEFLECTION AT POINT OF SUPPORT. (PER ASME A17.1 2.23.5.2)

NOTE:
 ALL DIMENSIONS ARE IN INCHES.
 DIMENSIONS IN [] ARE MM.



(BUFFER SPRINGS ARE PROVIDED WHEN PIT DEPTH IS 17" OR GREATER)

BUFFER SPRING LOCATION EXCELEVATOR

Impact Load Per Spring (Per ASME A17.1 8.2.3.2)	
1/2 Weight of Dead and Live Load	1025 lbs
Maximum Stroke of Buffer Spring	2.71 in
	0.226 ft
Impact	2148 lbs

FOX VALLEY ELEVATOR TM

1726 North Ballard Road
Appleton, WI 54911
Phone: 800-238-8739

ELEVATOR CONTRACTOR:

JOB NAME: _____ **ORDER NUMBER:** _____

EXCELEVATOR-SERIES RAIL AND PIT FLOOR REACTIONS

DRAWN BY:	DATE:	SIGNATURE OF APPROVAL	DWG. NO.
			C-003071