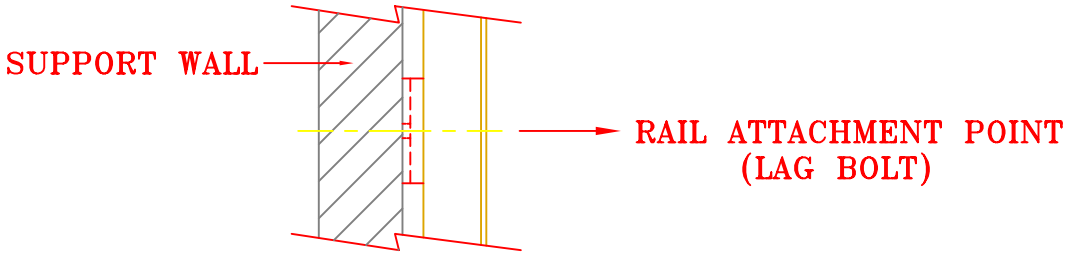
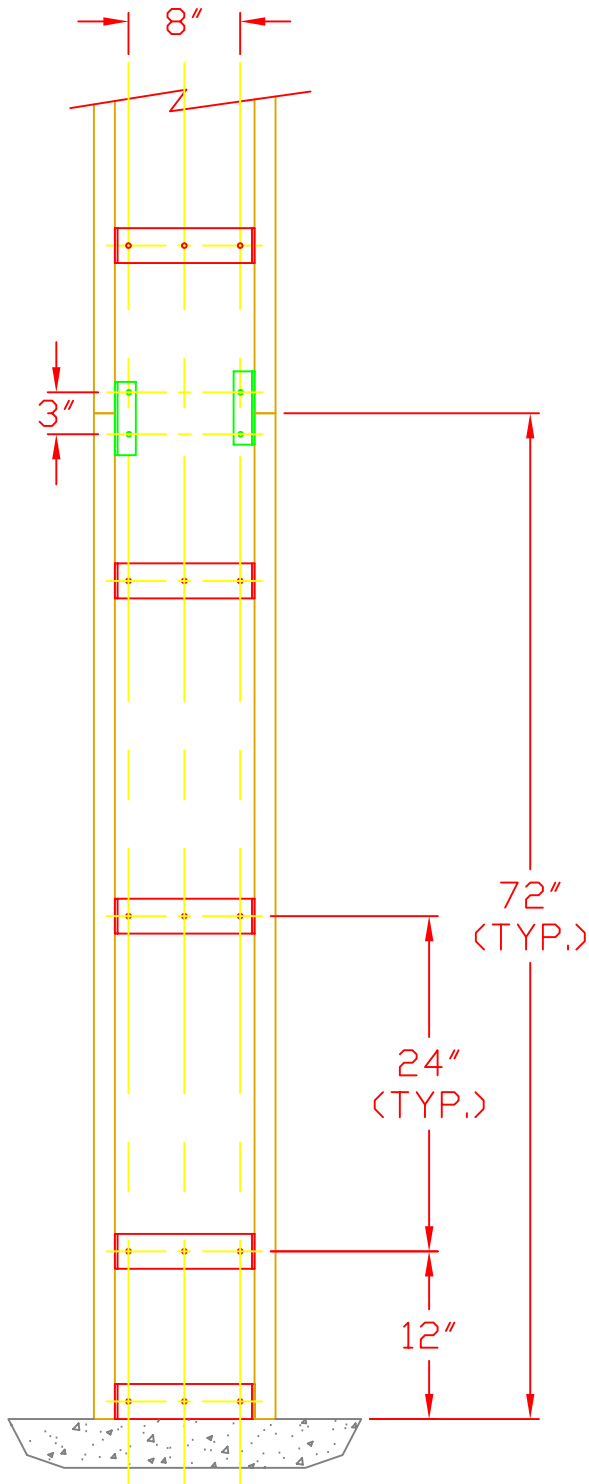


**HORIZONTAL REACTIONS AT  
DUMBWAITER ATTACHMENT  
POINTS**



REVISIONS			
LETTER:	DESCRIPTION:	DATE:	BY:



**HORIZONTAL  
PULLOUT FORCES**

CW 50	27#
CW100	56#

NOTE: THESE CALCULATIONS ARE  
BASED ON THE RAIL & DRIVE  
MACHINERY BEING SUPPORTED BY  
THE HOISTWAY FLOOR & NOT  
FROM A RAIL THAT IS SUPPORTED  
IN SHEAR FROM ITS' ATTACHMENT  
POINTS.

**NOTE:**

1. IT IS THE RESPONSIBILITY OF THE INSTALLER/CONTRACTOR OR ENGINEER TO DESIGN AND SPECIFY STRUCTURAL SUPPORTS.
2. ALL CONSTRUCTION TO BE IN COMPLIANCE WITH LOCAL CODES.

		1726 North Ballard Road Appleton, WI 54911 Phone: 800-238-8739	
		Residential Elevators * Wheelchair-Compatible Elevators RESIDENTIAL AND COMMERCIAL DUMBWAITERS	
CUSTOMER:			
CONTRACTOR:			
TITLE:		CABLEWAITER RAIL ATTACHMENT LAYOUT & PULLOUT FORCES	
QUOTE NUMBER:			
DRAWN BY:	SCALE:	DWG. NO.	
APPD:	DATE:	C-001165	