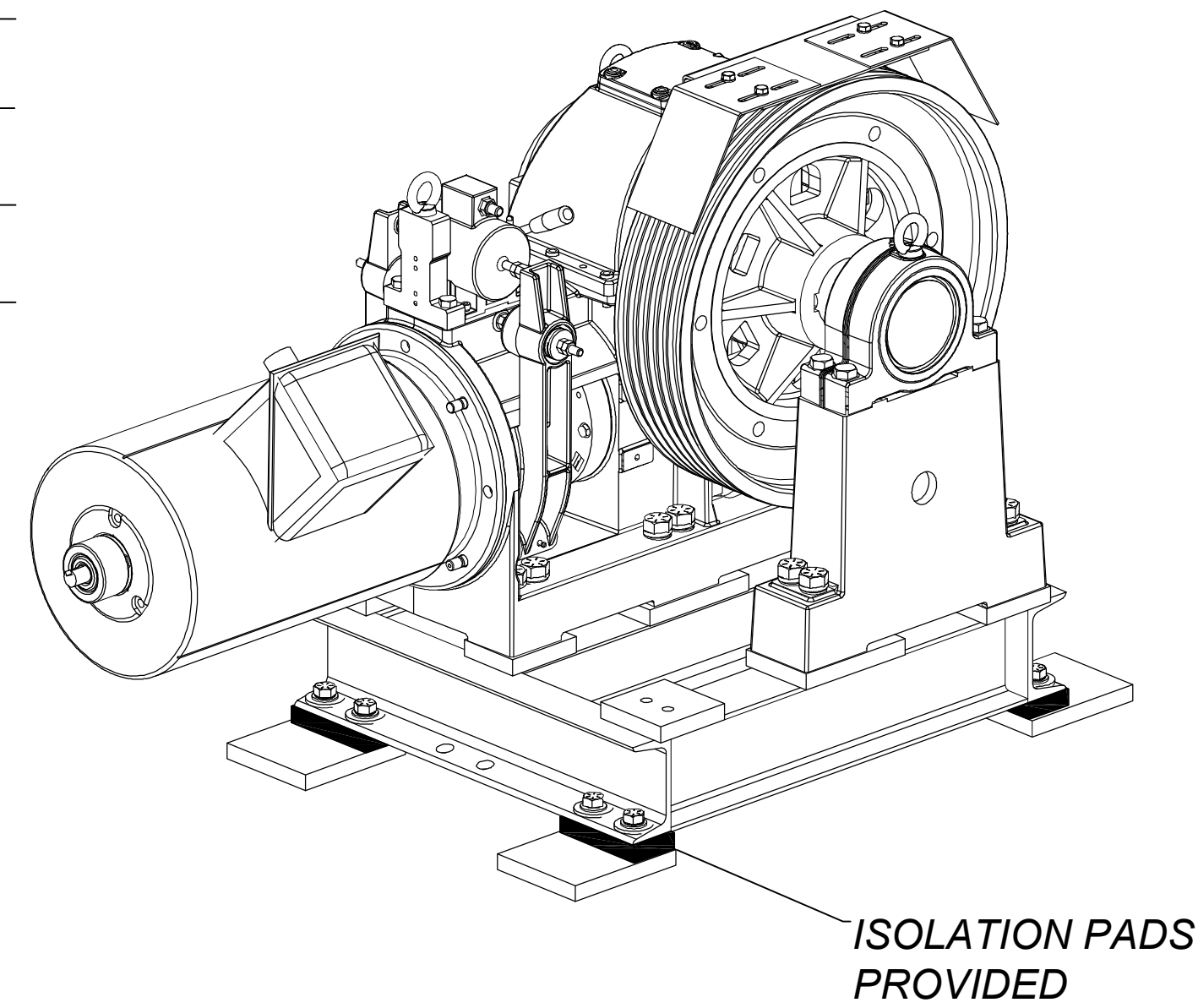
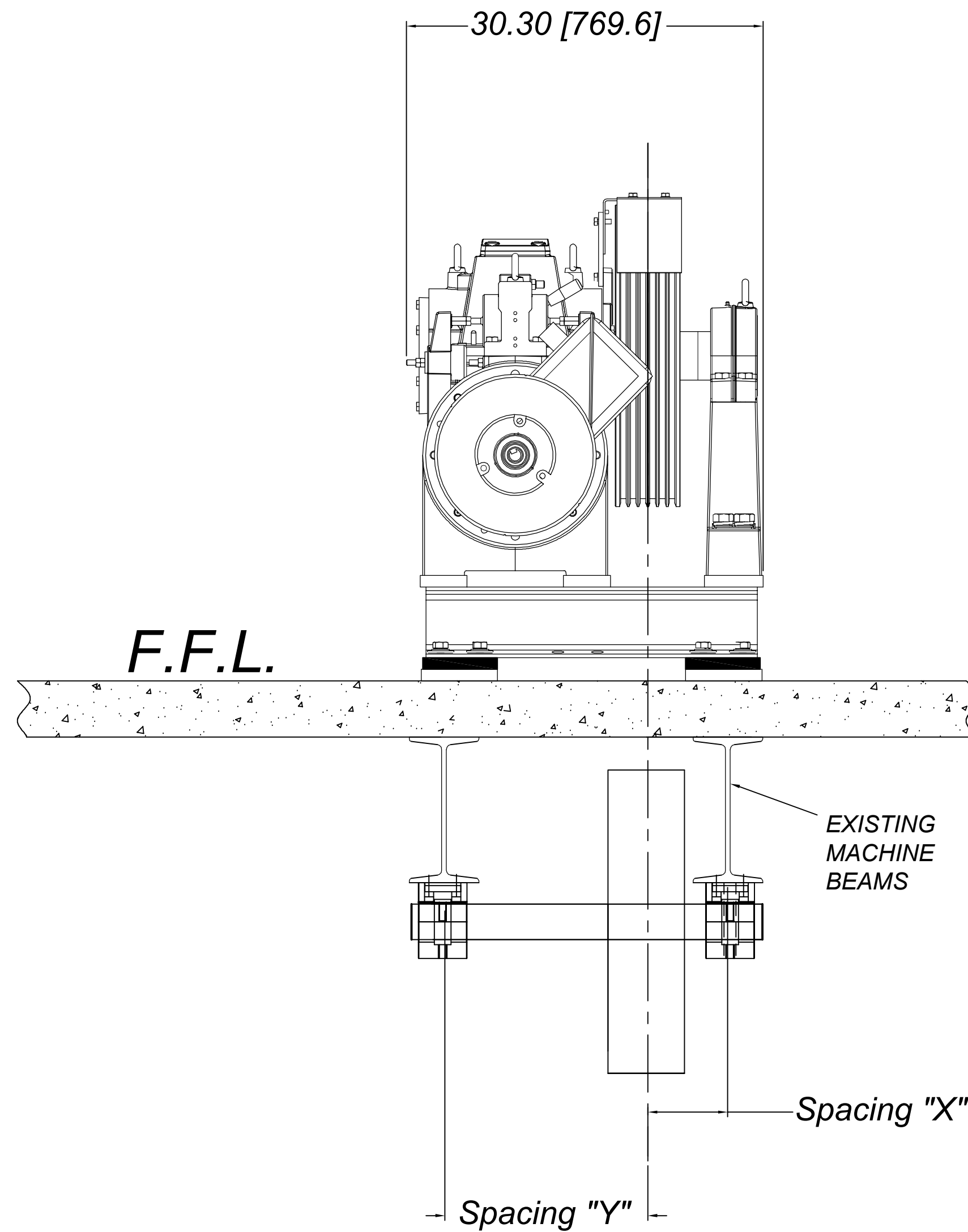


Name : \_\_\_\_\_  
 Company Name : \_\_\_\_\_  
 Location : \_\_\_\_\_  
 Machine Number : \_\_\_\_\_  
 Project Number : \_\_\_\_\_  
 Project Name : \_\_\_\_\_

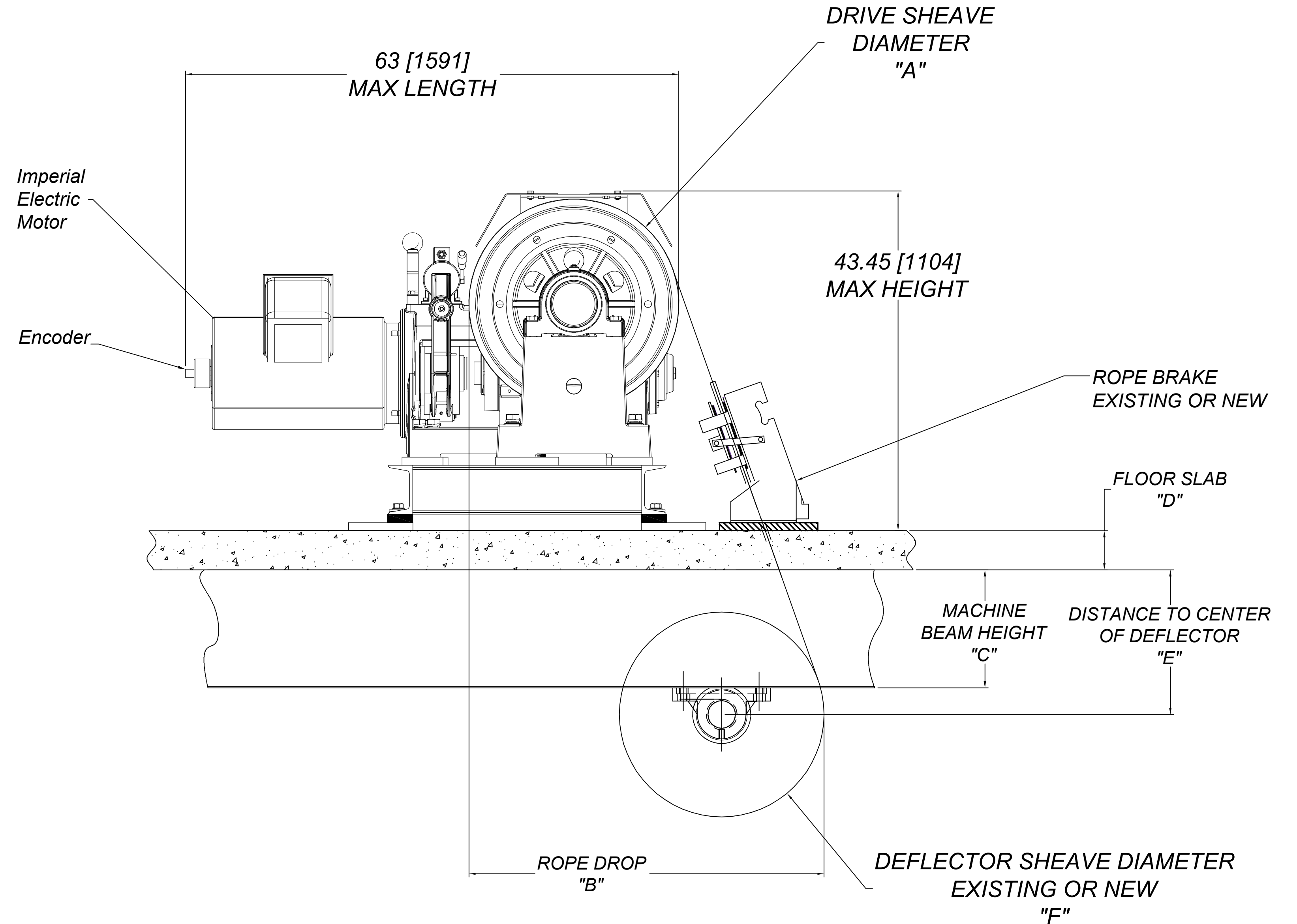
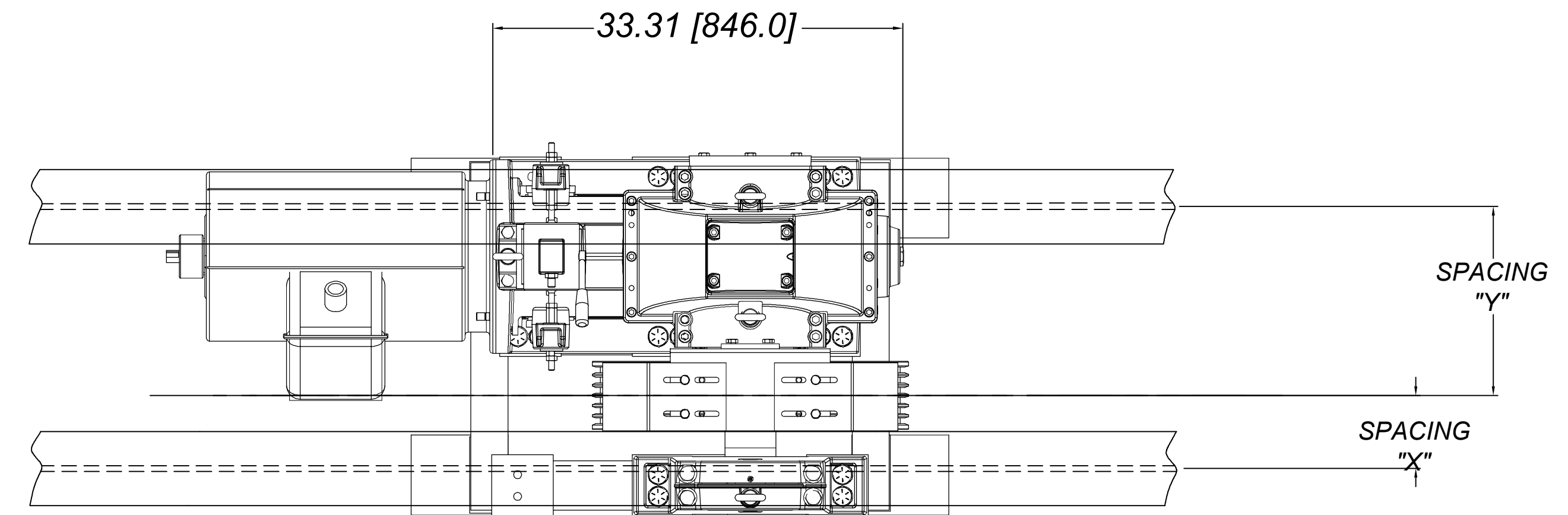
<b>MACHINE # =</b>	
Car Capacity =	
Car Speed =	
Counterweight (%) =	
Empty Car Wt. =	
Travel [ft] =	
Roping (1:1 or 2:1) =	
Hand (Right or Left) =	
Drive Sheave Diam.(A) =	
Seismic (Zone) =	
Existing Rope Pitch =	
Rope Drop (B) =	
Hoist Ropes (Size) =	
Hoist Ropes (QTY) =	
Compensation (Size) =	
Compensation (QTY) =	
Machine Beam Size =	
Mach. Beam Spacing (X) =	
Mach. Beam Spacing (Y) =	
Beam Height (C) =	
Beam Flange Width =	
Floor Slab Thickness (D) =	
Deflector Distance (E) =	
Defl. Sheave Diam. (F) =	
IE Supplied Defl Shv (Y / N) =	
IE Supplied Rope Brake (Y / N) =	
Use of Isolation Transformer (Y / N) =	
Retaining Existing Control (Y / N) =	
Main Line Voltage =	



ISOLATION PADS PROVIDED

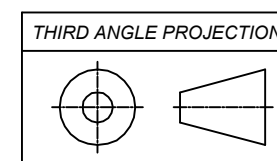


**TMA21 GEARED TRACTION MACHINES**



- NOTES:  
 1.) Drive sheave rope pitch is 0.827"  
 2.) Machines requiring less ropes than maximum number of grooves will use the grooves closer to gearbox  
 3.) Gearbox Weight : 1250 Lbs,  
 Subbase Weight : 350 Lbs

**BRAKE DATA**  
 Pick and Hold Voltage: 200 VDC  
 Coil Resistance: 455 Ohms/Coil  
 Coil Connection: 2 Coils in parallel



**TM21 TRACTION MACHINE**  
 This print is the property of The Imperial Electric Company, and is loaned to the vendor, customer, or lender for inspection and/or approval. It is subject to return upon request.

<b>IMPERIAL ELECTRIC</b> The Driving Force in Motion		THE IMPERIAL ELECTRIC COMPANY Akron, Ohio 44306		DRWG. SIZE <b>D</b>
DESCRIPTION: TM21-SURVEY DRAWING (RIGHT HAND DISPLAYED)		REV. F		
DRWN. BY: MRT	SCALE: NONE	DATE: 3-3-15	CHK. BY: VM	REV. F
REV.	ECN NO.	DATE	APPR.	

F	25589	8-9-16	MRT
G	25474	4-7-16	MRT
D	25472	4-7-16	MRT
C	25264	6-25-15	MRT
B	25226	5-27-15	MRT