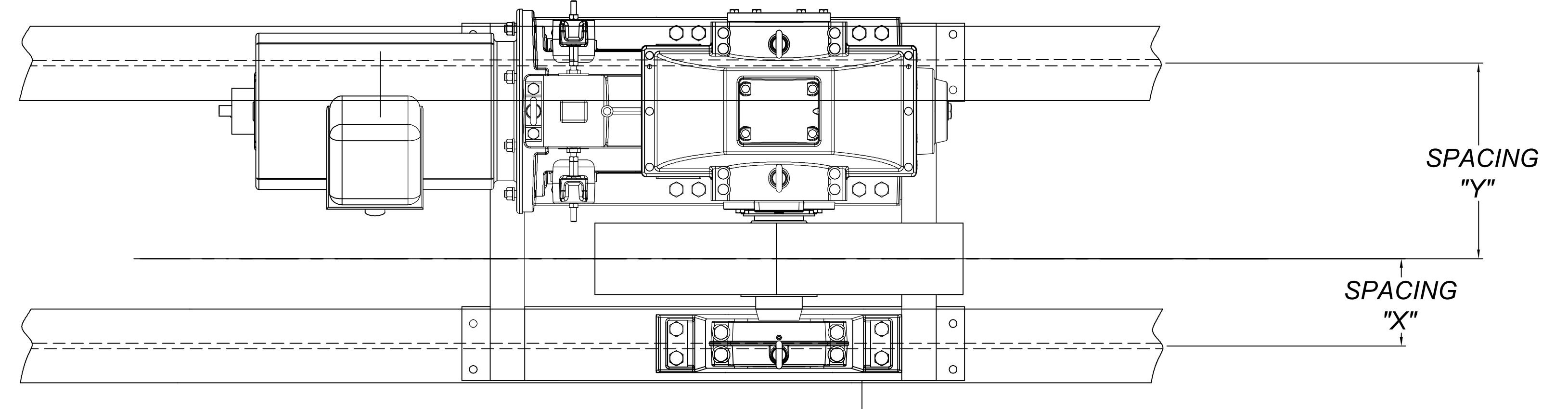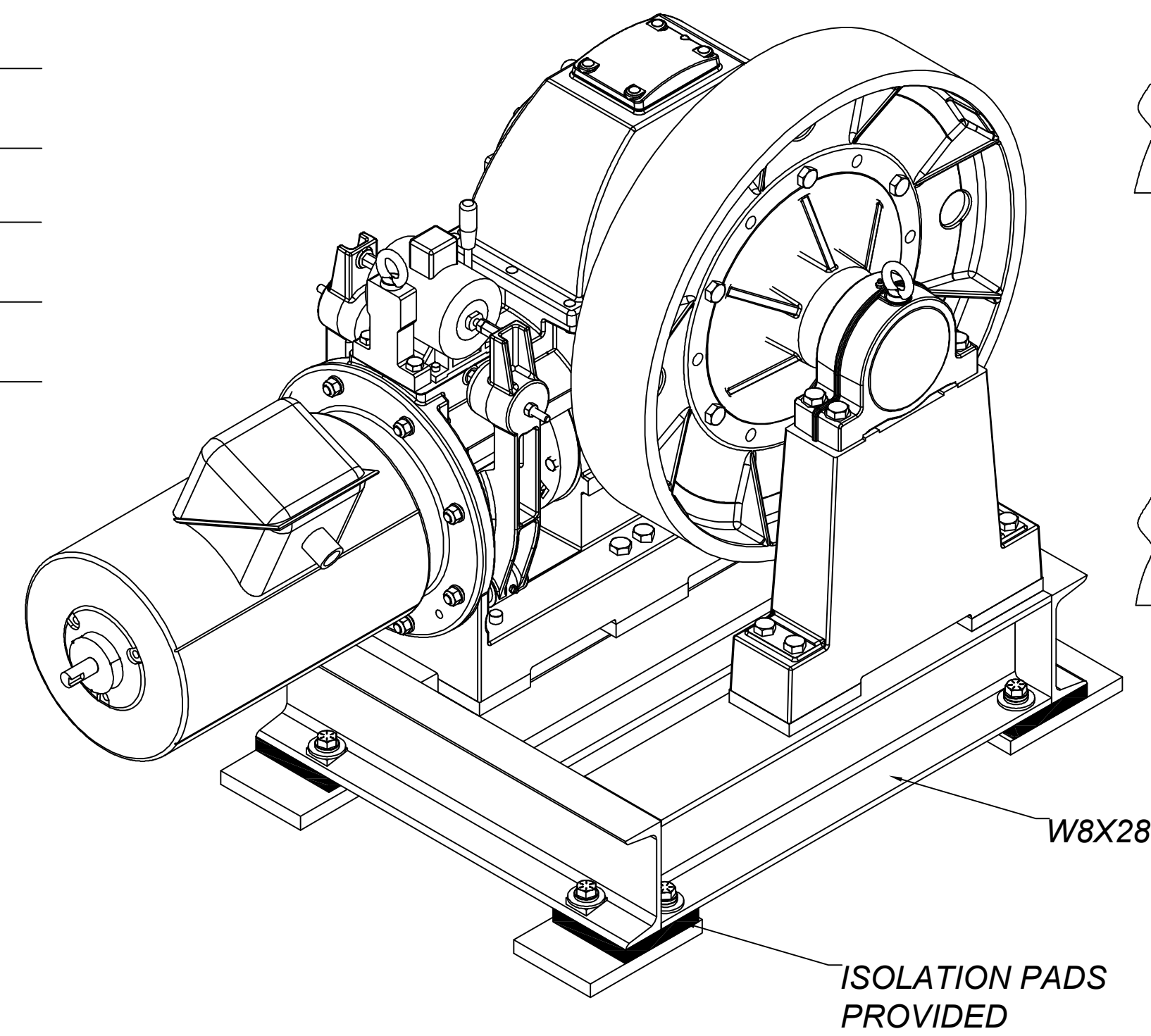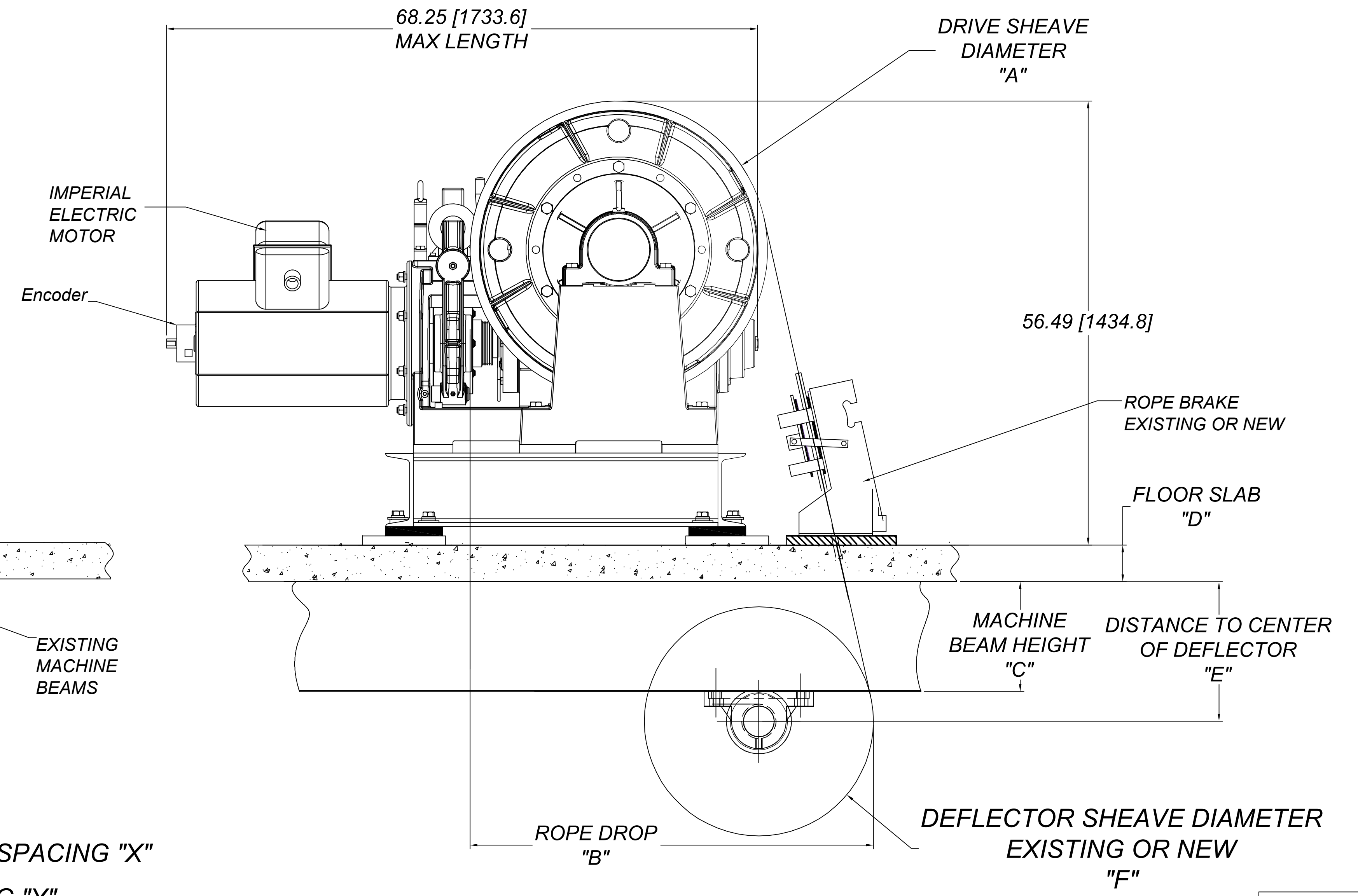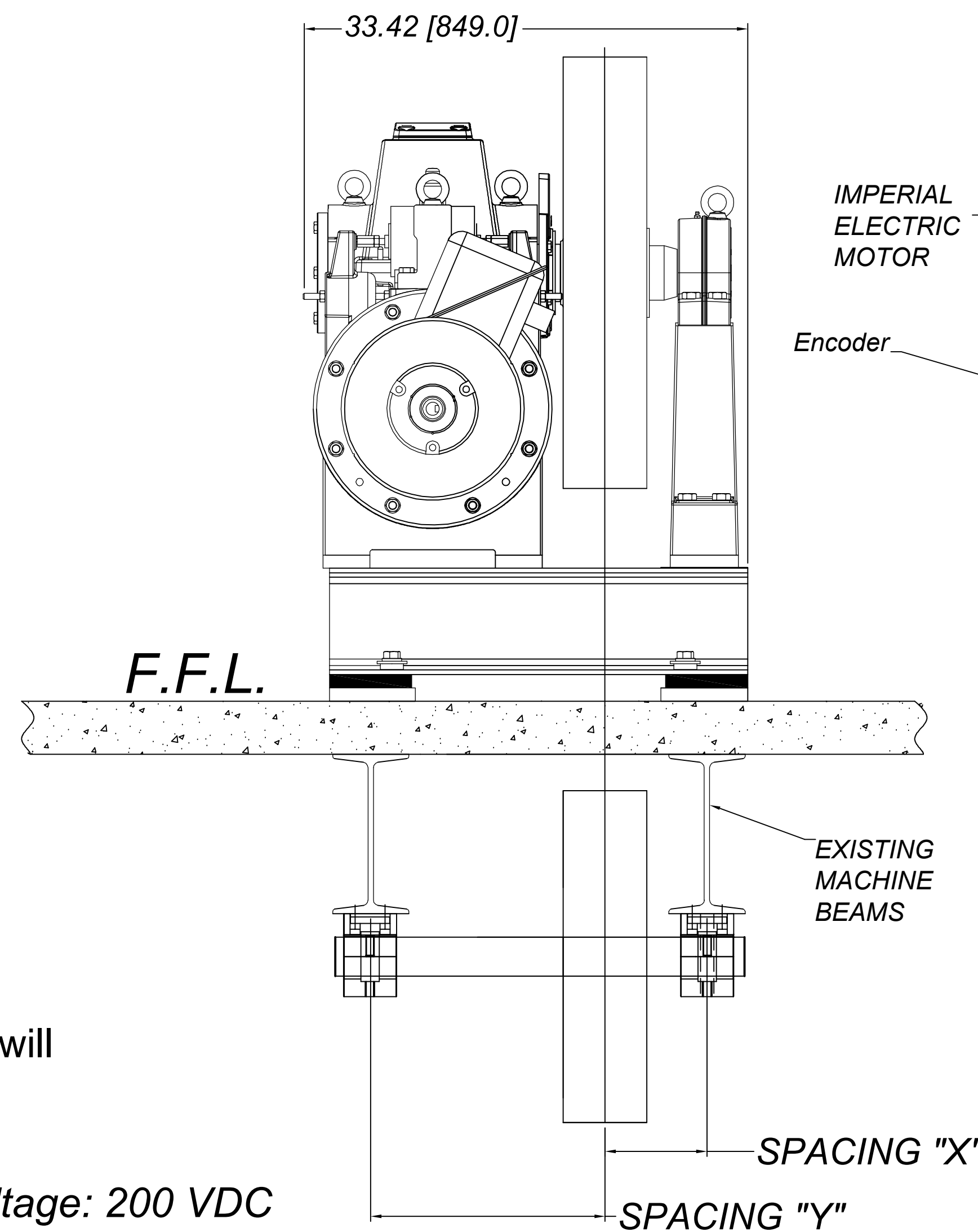# TMA26 GEARED TRACTION MACHINES

TMA26—XXX2

Name : _____

Company Name : _____

Location : _____

Machine Number : _____

Project Number : _____

Project Name : _____

MACHINE # =	
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 =	

W8X28

ISOLATION PADS PROVIDED

SPACING "Y"

SPACING "X"

DRIVE SHEAVE DIAMETER "A"

68.25 [1733.6] MAX LENGTH

33.42 [849.0]

IMPERIAL ELECTRIC MOTOR

Encoder

56.49 [1434.8]

ROPE BRAKE EXISTING OR NEW

FLOOR SLAB "D"

F.F.L.

EXISTING MACHINE BEAMS

SPACING "X"

SPACING "Y"

ROPE DROP "B"

MACHINE BEAM HEIGHT "C"

DISTANCE TO CENTER OF DEFLECTOR "E"

DEFLECTOR SHEAVE DIAMETER EXISTING OR NEW "F"

NOTES:

1.) Drive sheave rope pitch is 0.827"

2.) Machines requiring less ropes than the max available will use the grooves closer to gearbox

3.) Gearbox Weight : 1995 Lbs,
    Subbase Weight : 440 Lbs

BRAKE DATA
Pick and Hold Voltage: 200 VDC
Coil Resistance: 324 Ohms/Coil
Coil Connection: 2 Coils in parallel

TM26 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.

ALL DIMENSIONS MUST BE HELD WITHIN:
X.XXX ±.005 [0.127]
X.X ±.010 [0.254]
X.X ±.015 [0.381]
X ±1
UNLESS OTHERWISE NOTED.

IMPERIAL ELECTRIC
The Driving Force In Motion

THE IMPERIAL ELECTRIC COMPANY
Akron, Ohio 44306

DRWG. SIZE D

REV.	ECN NO.	DATE	APPR.
E	25589	8-9-16	MRT
D	25472	4-7-16	MRT
C	25264	6-25-15	MRT
B	25226	5-27-15	MRT

DESCRIPTION: TM26—SURVEY DRAWING (RIGHT HAND DISPLAYED)

DRWN. BY: MRT
SCALE: NONE
DRWG. # TMA26—XXX2
REV. E

DATE: 3-3-15
CHK. BY: VM

THIRD ANGLE PROJECTION