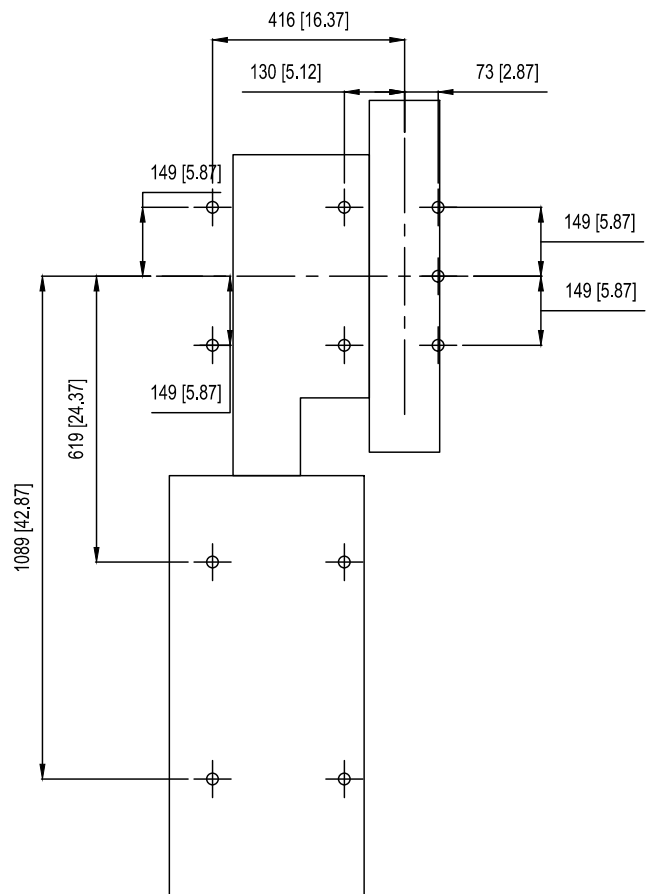


Right Hand

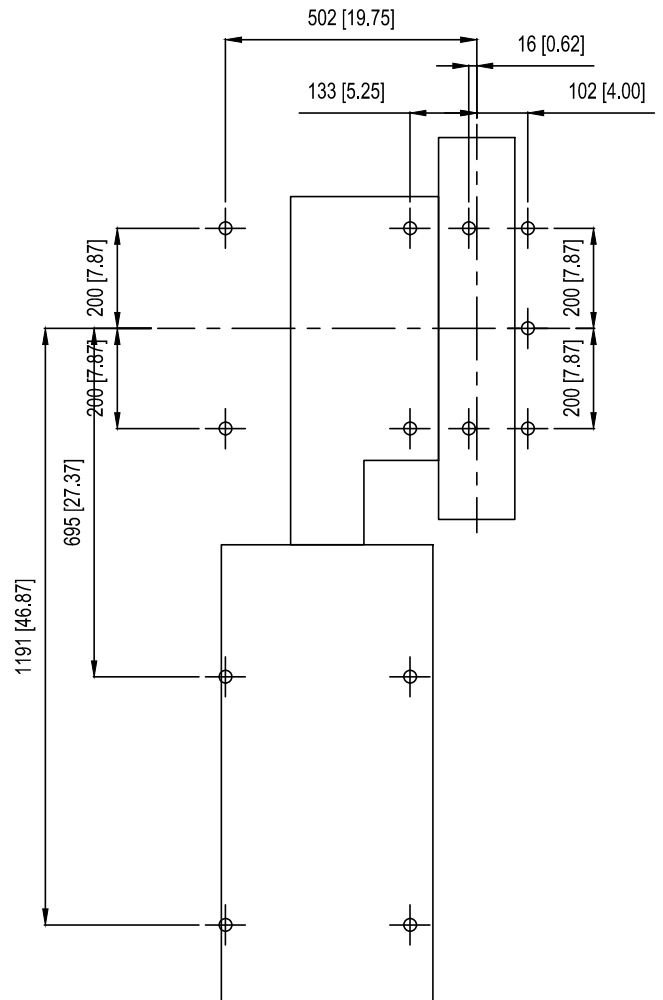
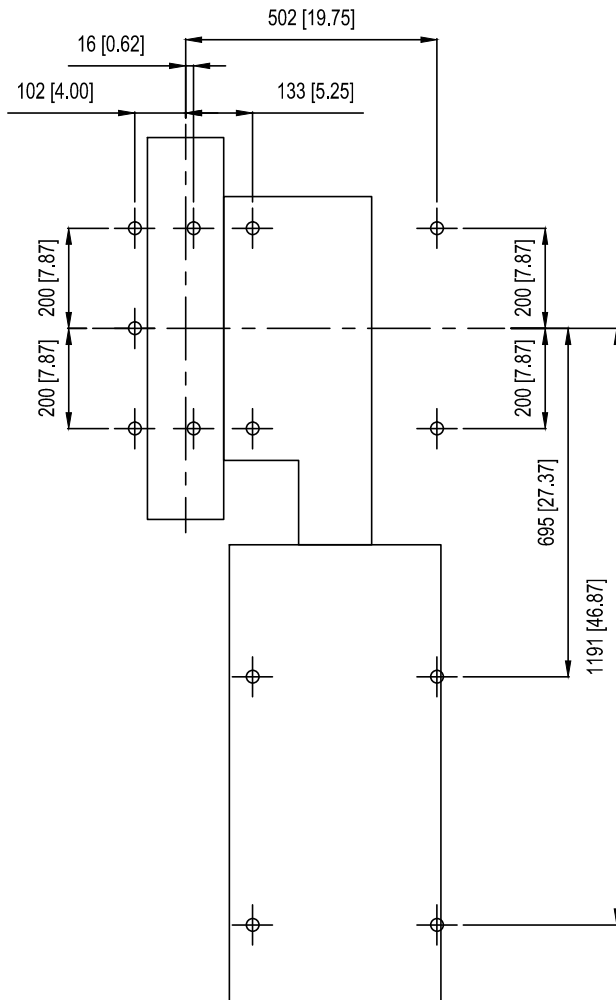


1

HW #53/54 (13) 1.00" Anchors

Left Hand

Right Hand



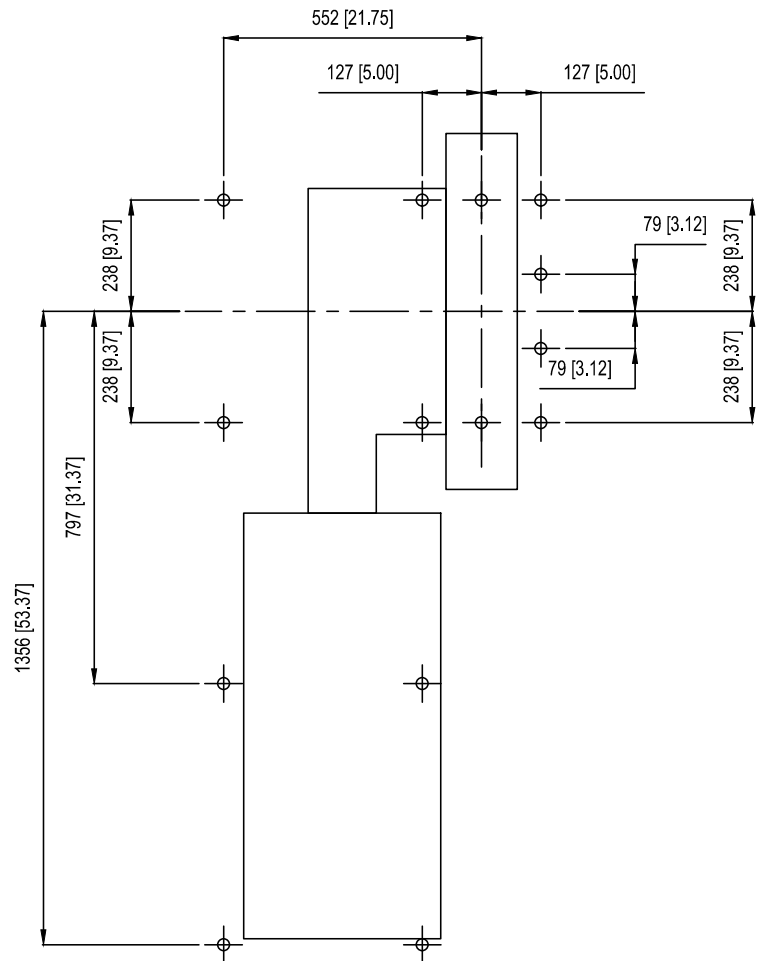
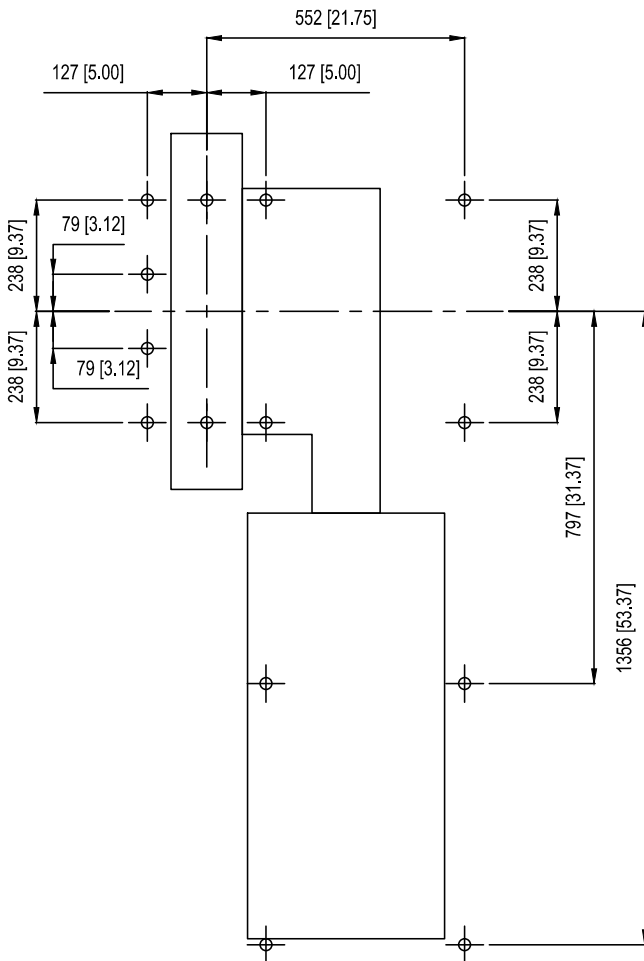
Please confirm all dimensions above are accurate.

All measurements are taken from the sheave centerline and sheave shaft centerline.
TDNA cannot be held responsible if on-site conditions differ from drawing above unless revised anchor drawing is approved.

HW #63/64 (14) 1.00" Anchors

Left Hand

Right Hand



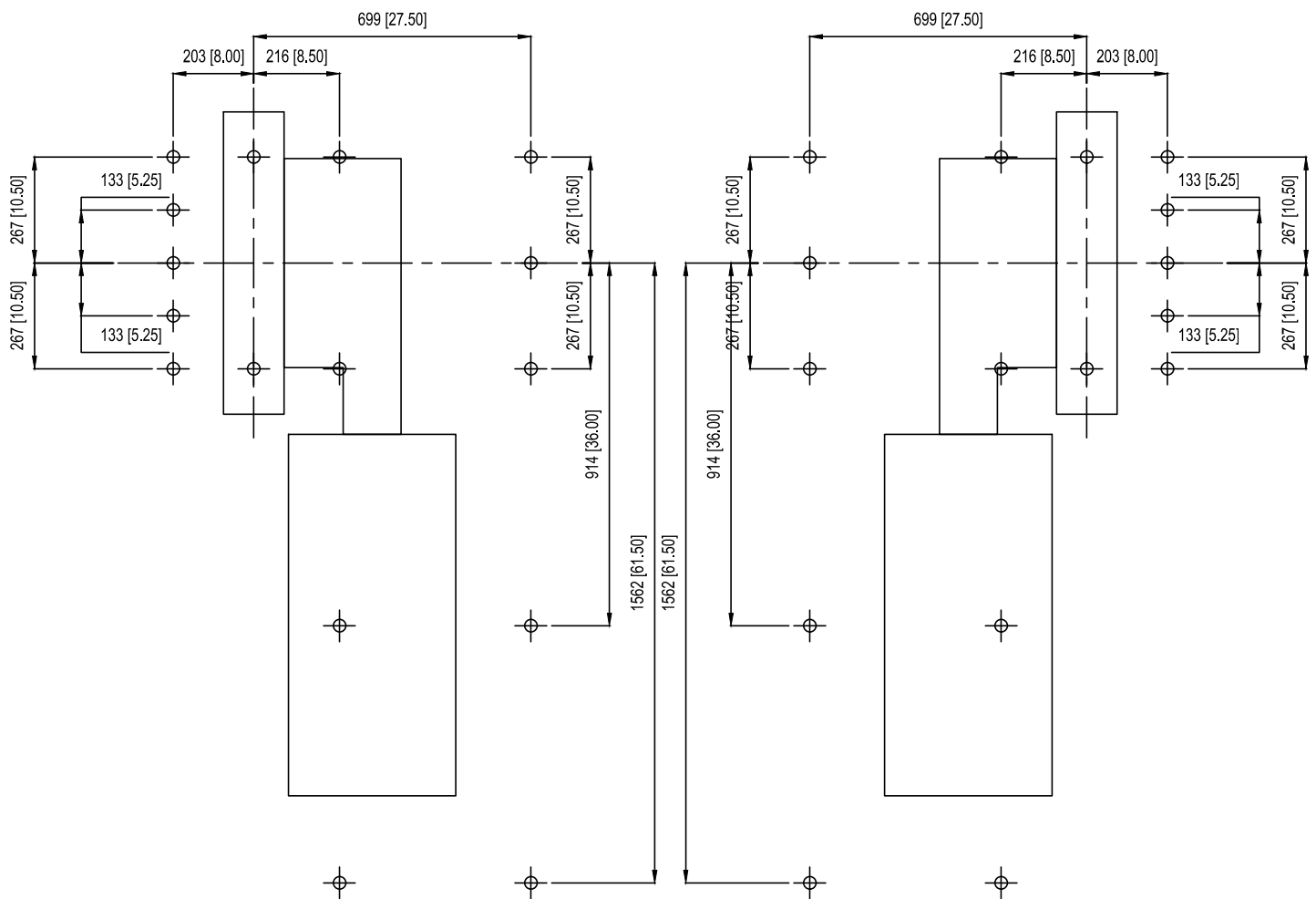
Please confirm all dimensions above are accurate.

All measurements are taken from the sheave centerline and sheave shaft centerline.
TDNA cannot be held responsible if on-site conditions differ from drawing above unless revised anchor drawing is approved.

HW #74 (16) 1.25" Anchors

Left Hand

Right Hand



Please confirm all dimensions above are accurate.

All measurements are taken from the sheave centerline and sheave shaft centerline.
TDNA cannot be held responsible if on-site conditions differ from drawing above unless revised anchor drawing is approved.

TORINDRIVE

NORTH AMERICA

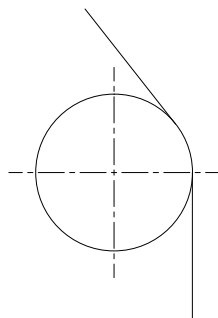
A Brand of HYPERION

Questions? Call 901-730-5480 or
Email torindrive@hyperion-solutions.com

Traction Machine Survey									
Project Name									
Contract Number									
Seismic Provisions Required? (Yes, No)									
Project Address									
Consultant									
SECTION #1 - For Bidding									
Car ID Numbers									
Required	Geared or Gearless								
	Machine Location (MRL, Overhead, for basement refer to basement survey)								
	Roping Ratio (1:1, 2:1)								
	Elevator Capacity (lbs)								
	Elevator Speed (fpm)								
	Travel (ft) (If not available, 12' per floor can be assumed)								
	Machine Shape (MRL Only) (Pancake, Sausage)								
Existing Rope Diameter Size (8mm, 10mm, 1/2", 5/8", 3/4")									
Will New Rope Diameter Need to Match Existing? (Yes, No)									
Drive Output Voltage (208-230V, 460-480V)									
Drive Manufacturer (KEB, Magnetek, Yaskawa, Other)									
Encoder Cable Length (30', 50' for geared) (10m, 20m, 37m, 50m, 60m for gearless)									
System Options (leave blank if no preference)									
Empty Car Weight (lbs) (Will assume 1.5x capacity if blank)									
Preferred Counterweight (%) (range: 40-50)									
Emergency Brake Option (Check One, list preferred HW model if selected)				TDNA Standard (Default)					
				HW Rope Gripper (620, 622, 624, 626, etc.)					
Existing Compensation Density (if re-using)									
Weight of Existing Compensation Sheave (lbs)									
Double Wrap Roping Required? (Yes, No)									
Specified Acceleration Rate (ft/s ²)									
Items to Quote: (Check All Required)				Machine					
				Bedplate					
				Rope Guard					
				Deflector					
				Encoder Cable					

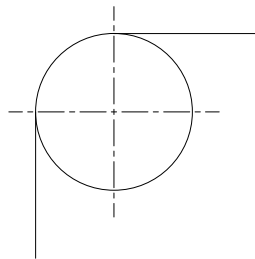
Basement Inputs (required for all configurations)	
Basement Configuration (see pages 21-23)	
Machine Hand	
Existing Machine / Anchor Pattern	
Existing Anchor Bolt Height	
Existing Anchors Fully Threaded	
Existing Sheave Diameter	
Existing Rope Diameter	
Existing Rope Number	
Existing Pitch	
A Configuration Inputs	
MR1	
MR2	
MR3	
MR4	
B Configuration Inputs	
MR1	
MR2	
MR3	
DF1	
DF2	
RD	
C Configuration Inputs	
MR1	
MR2	
MR3	
DF1	
DF2	
DF3	
DF4	

Overhead / Deflector / Compounding Sheave					
Location					
Sheave Type					
Quantity					
Sheave Diameter, D					
Max Allowable Width, W (in)					
Required Shaft Diameter, d (in) (if any)					
Shaft Type					
L1					
L2					
L3					
L4					
L5					
L6					

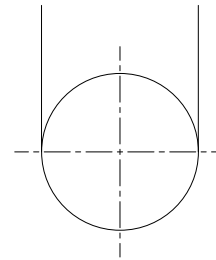


A
Deflector (<90° Wrap)

Shaft Type A

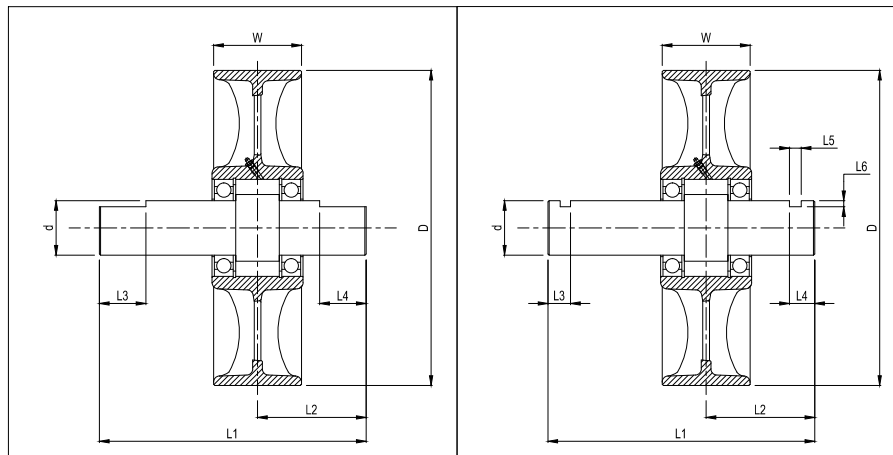


B
90° Wrap

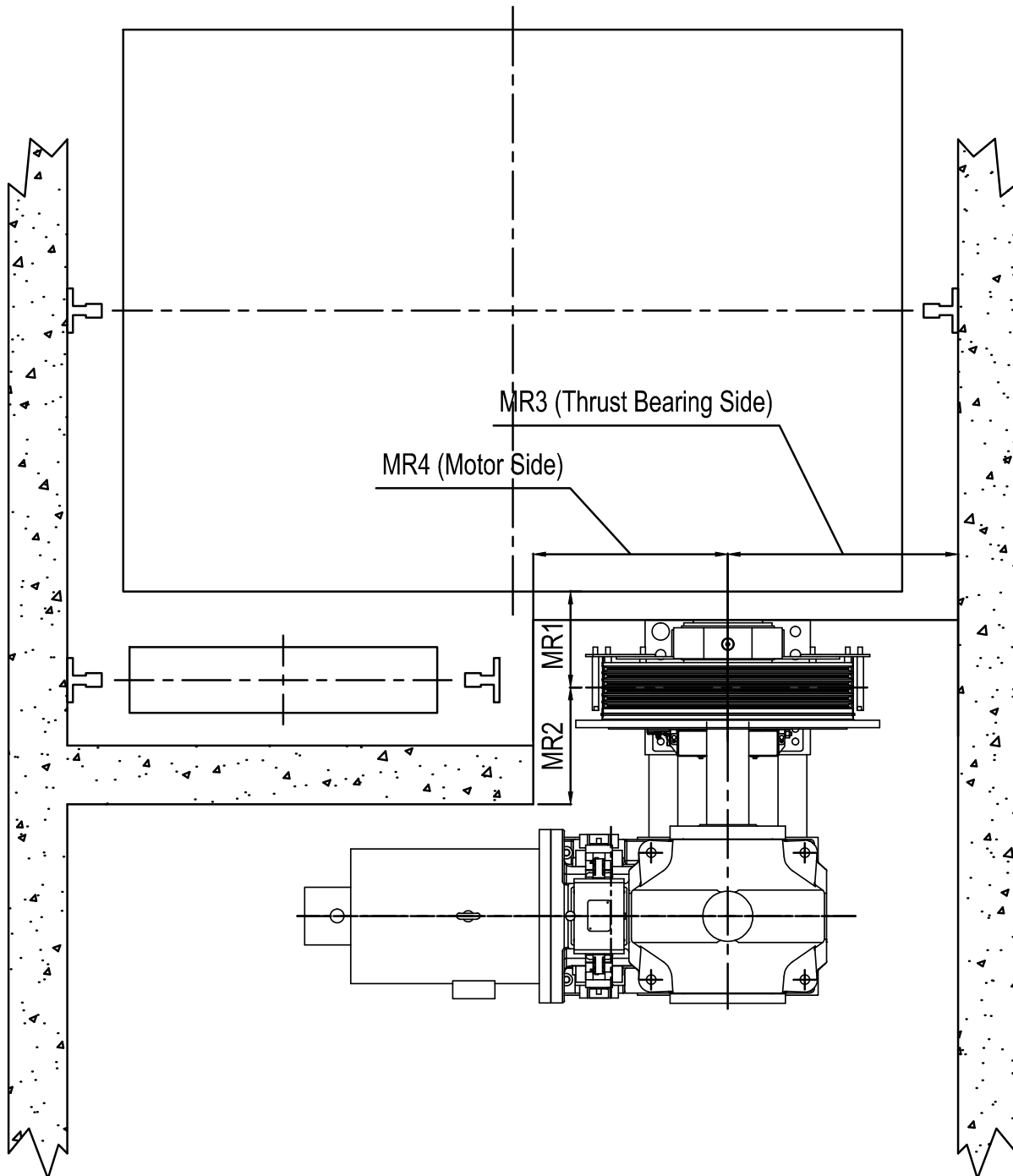


C
180° Wrap

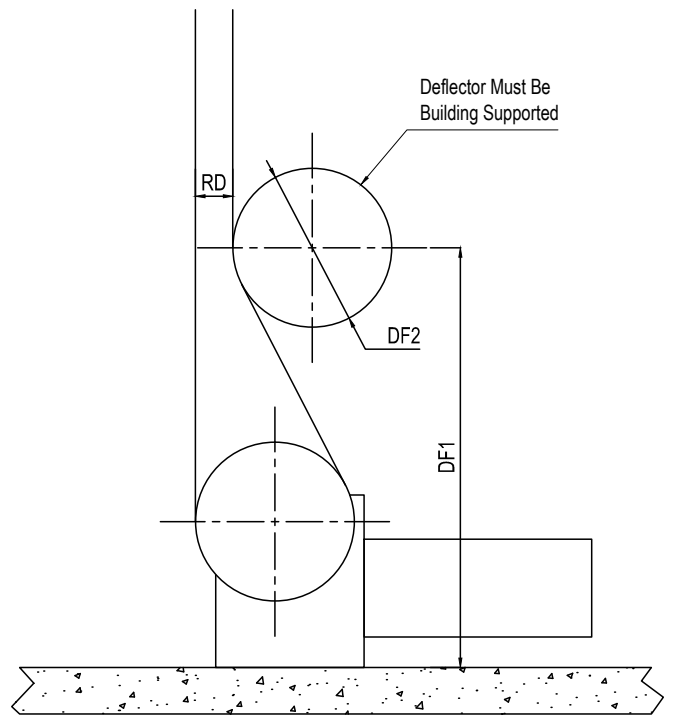
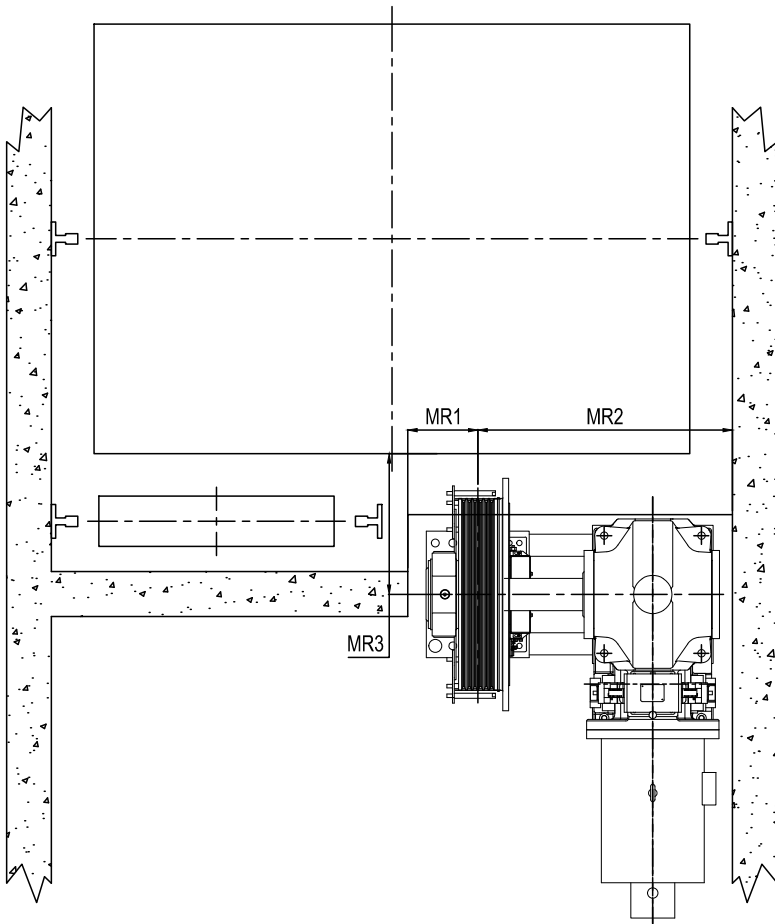
Shaft Type B



Basement Configuration A



Basement Configuration B



Basement Configuration C

