

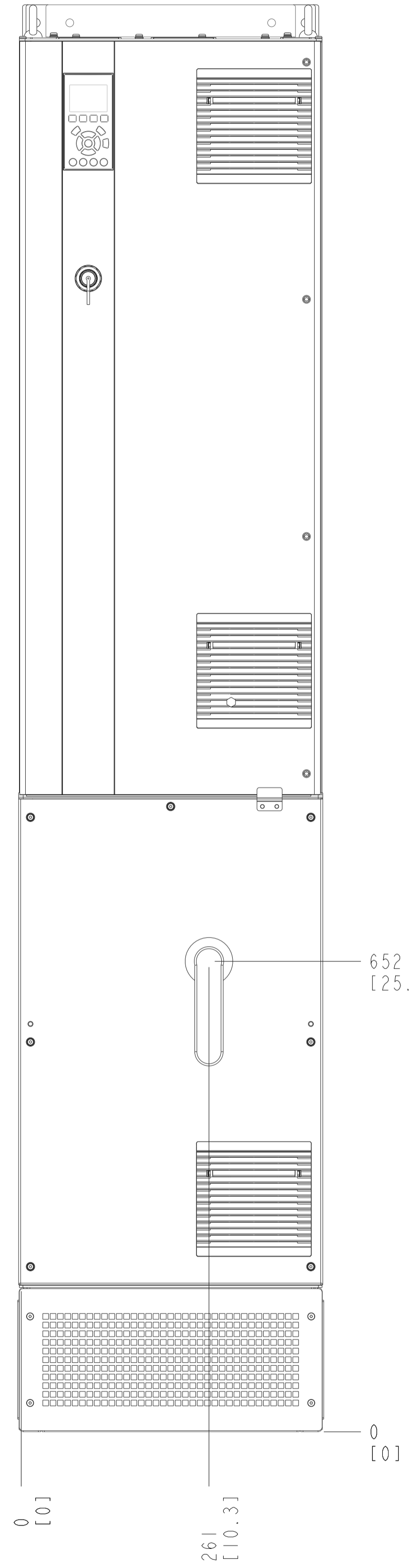
1. MAX AIRFLOW (BACKCHANNEL) - 14 M³ / MIN (500 CFM)
2. MAX AIRFLOW (CABINET) - 3.4 M³ / MIN (120 CFM)
3. MAX WEIGHT = 185 KG (407 LBS)
4. CENTER OF GRAVITY:
APPROXIMATE LOCATION ONLY, LOCATION MAY VARY BASED ON POWER RATING AND OPTIONS ORDERED.

NOTE:
REFER SHEET 2 & 3 FOR EXTENDED OPTION CABINET BUSBAR CONNECTION POINT.
REFER SHEET 4 FOR WIRING KIT OPTION BUSBAR CONNECTION POINT.

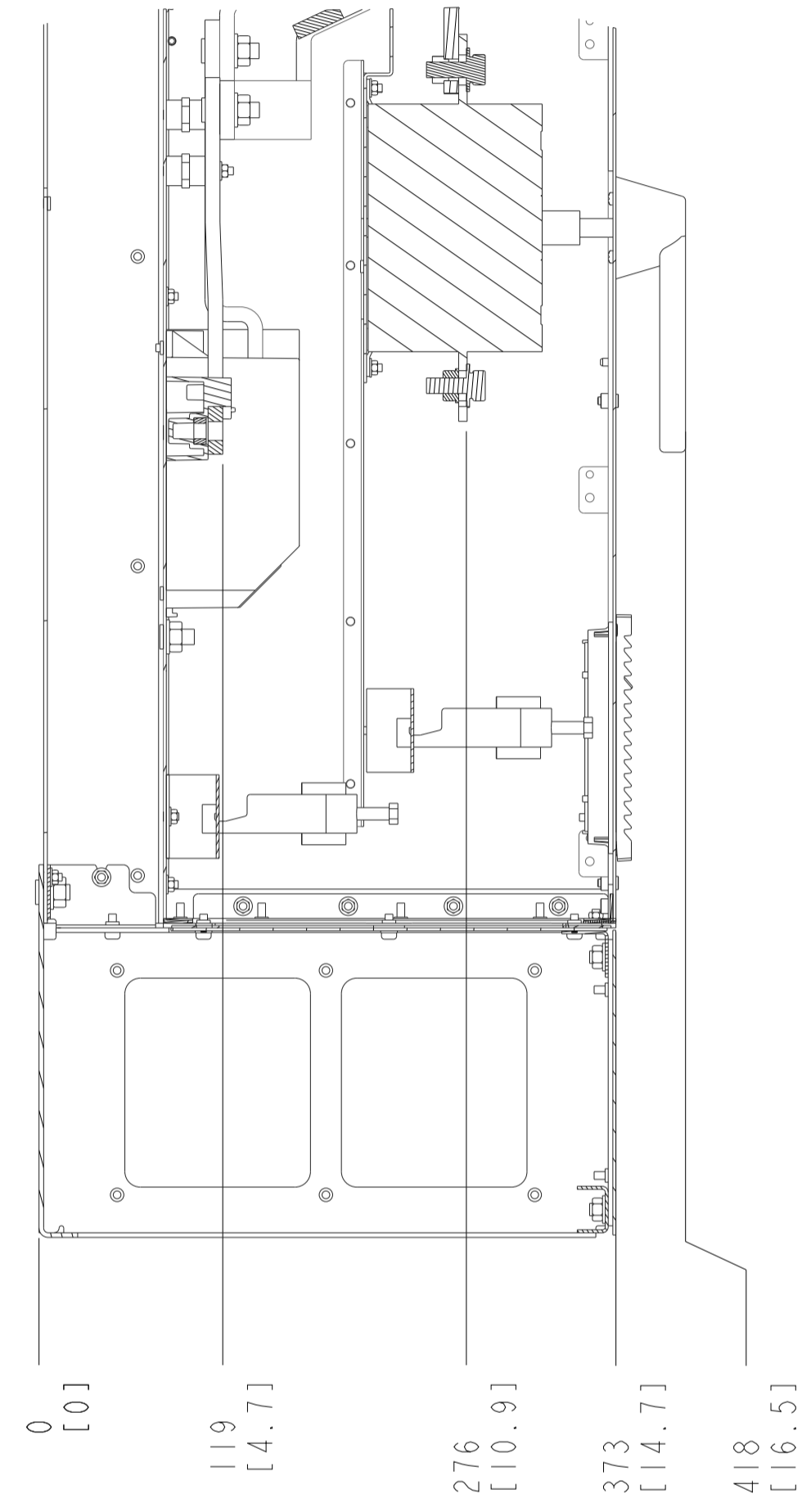
INTERPRET DIM. & TOL. PER ASME Y14.5M-1994		THIRD ANGLE PROJECTION	SCALE	SIZE	MATERIAL	N/A
ALL DIMENSIONS ARE IN MILLIMETERS			0.150	A1	FINISH	N/A
TOLERANCES UNLESS OTHERWISE SPECIFIED					DESCRIPTION	
±0.10 ±0.50 ±1.0				INSTALLATION DRAWING, DTH, 1P21/54		
CONFIDENTIAL - PROPERTY OF DANFOSS A/S NORBORG, DENMARK. NOT TO BE HANDED OVER TO BE COPIED OR BE USED BY A THIRD PARTY. TWO OR THREE DIMENSIONAL REPRODUCTION OF CONTENTS TO BE AUTHORIZED BY DANFOSS A/S.						
DESIGNED	NO	04/02/12	DRAWING NUMBER 177R0492		REV 006 SHEET 1 OF 6	
CHECKED			WORK P454-1087			

⚠ CRITICAL CHARACTERISTICS
 ▽ KEY CHARACTERISTICS
 ○ INSPECTION
 MUST COMPLY TO ROHS DIRECTIVE 2011/65/EU

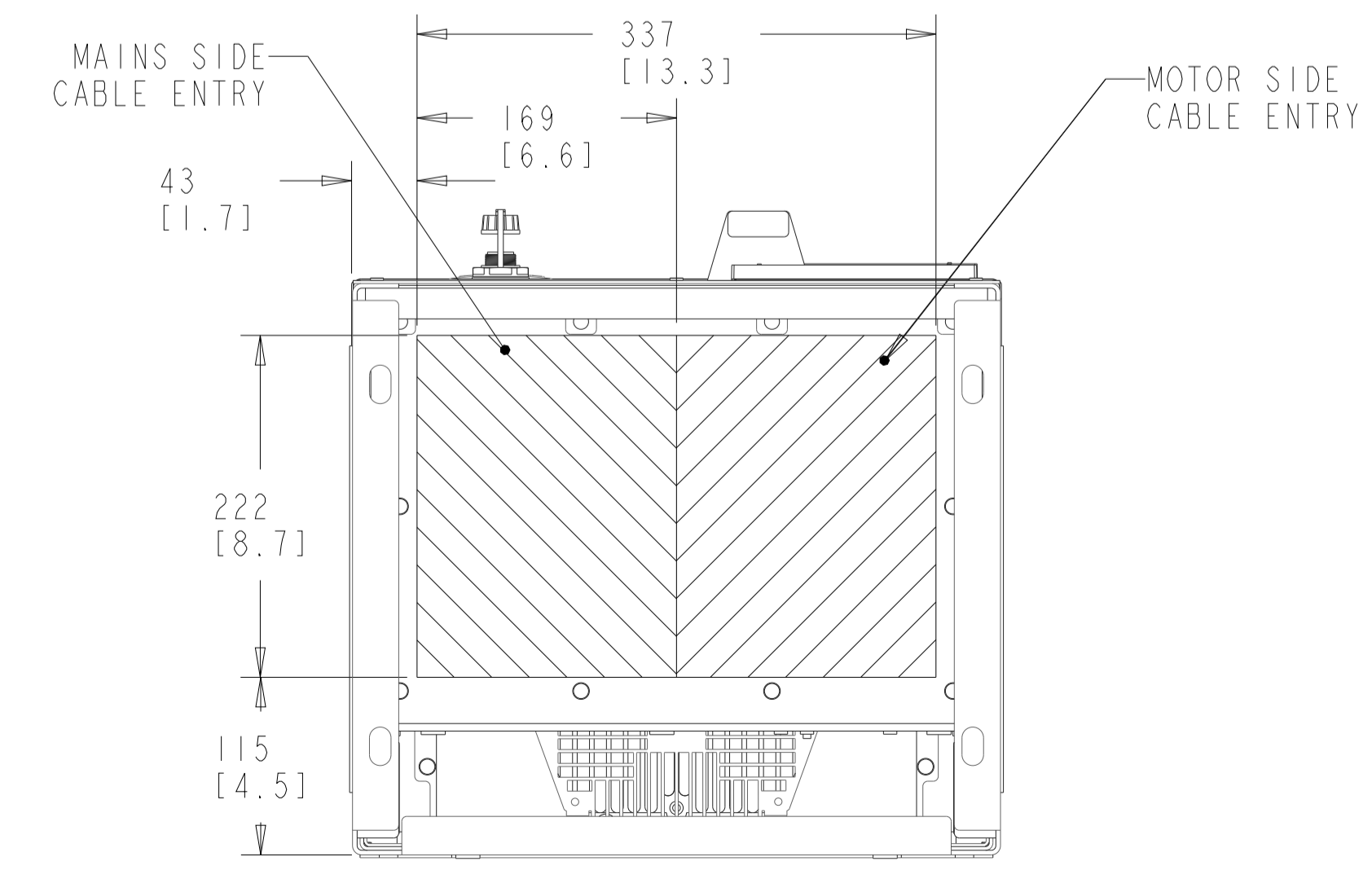
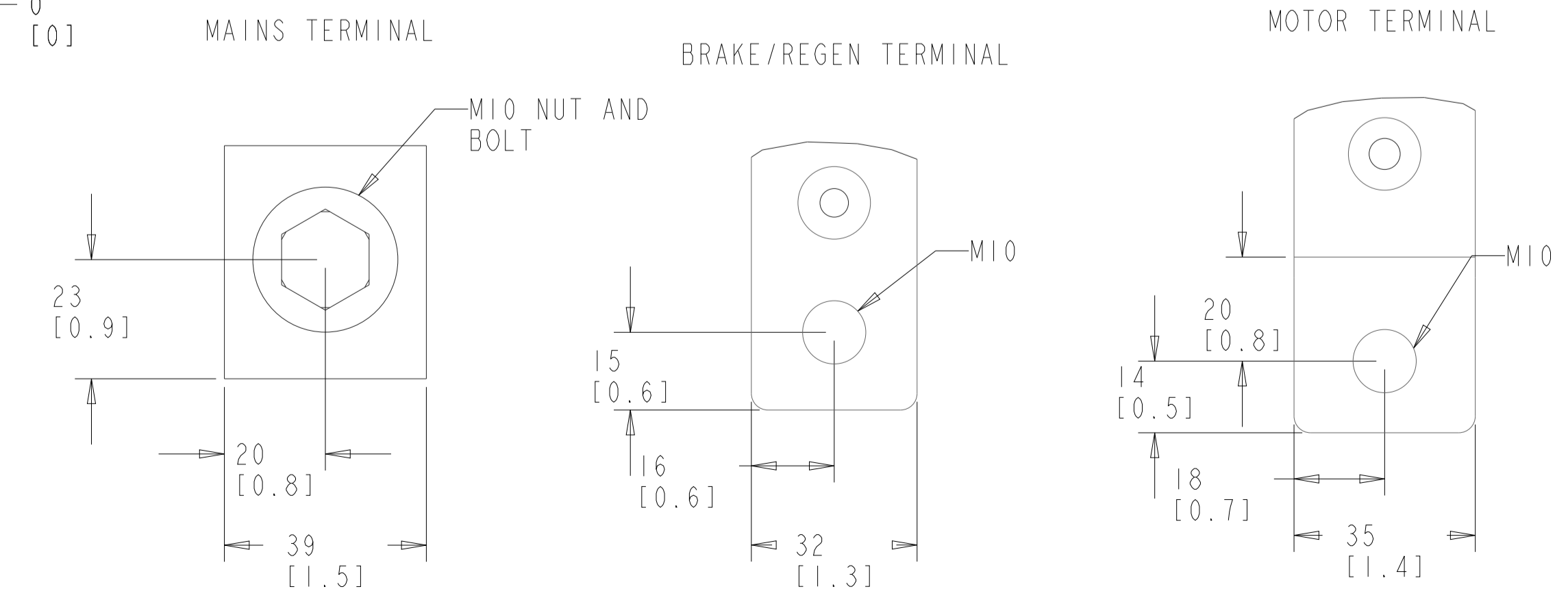
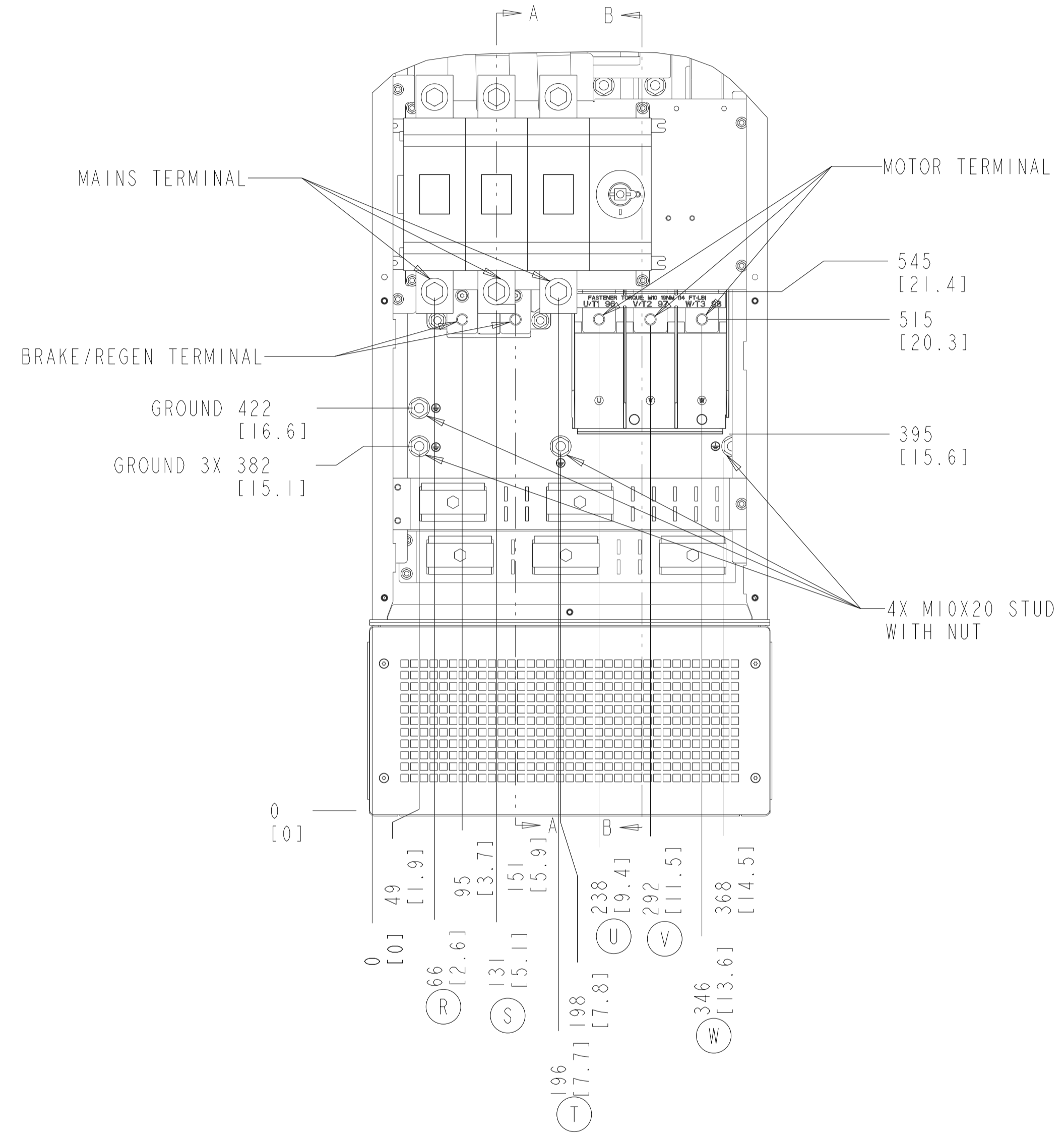
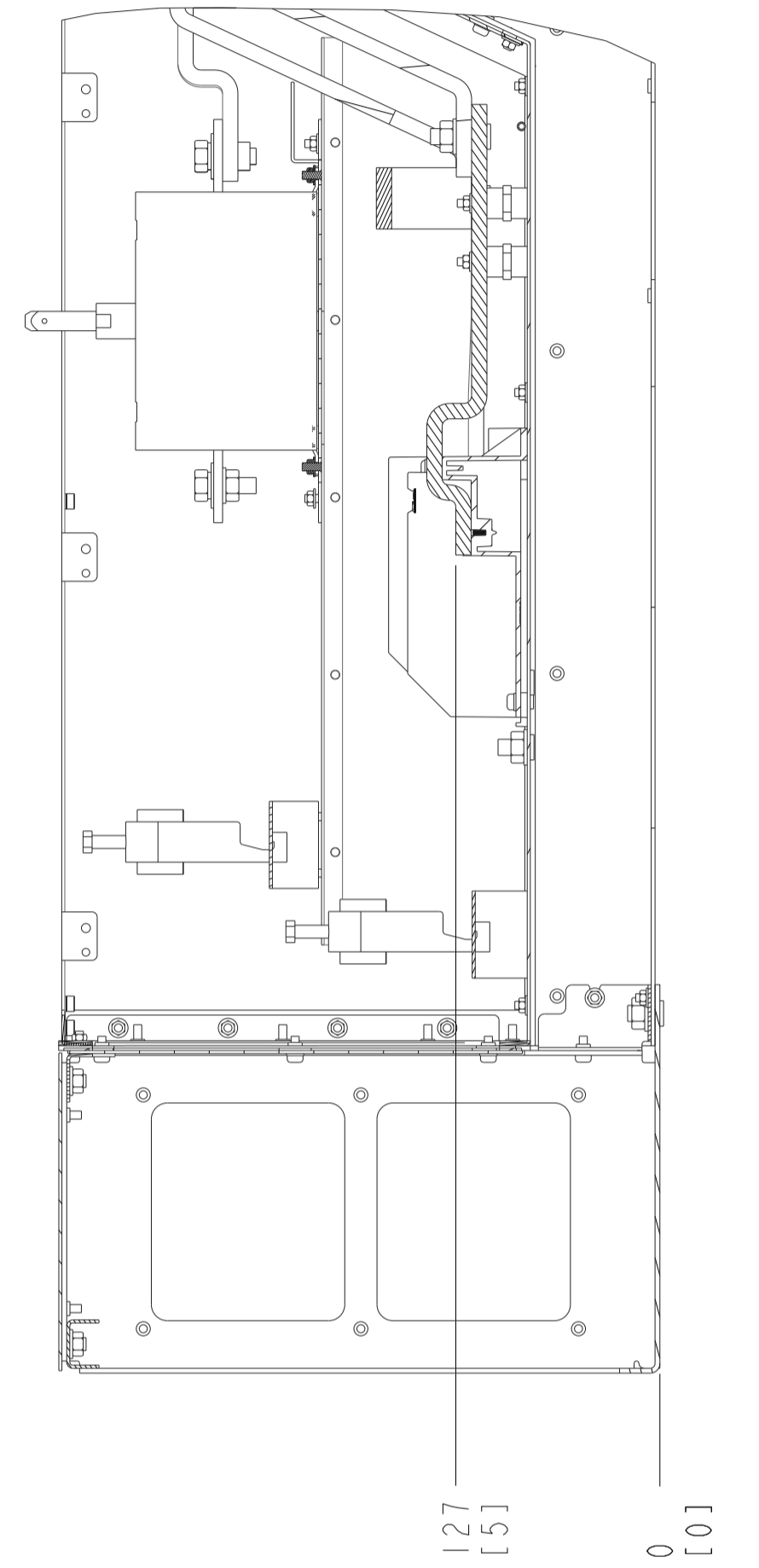
DISCONNECT ONLY



SECTION A-A
MAINS TERMINALS
BRAKE/REGEN TERMINALS



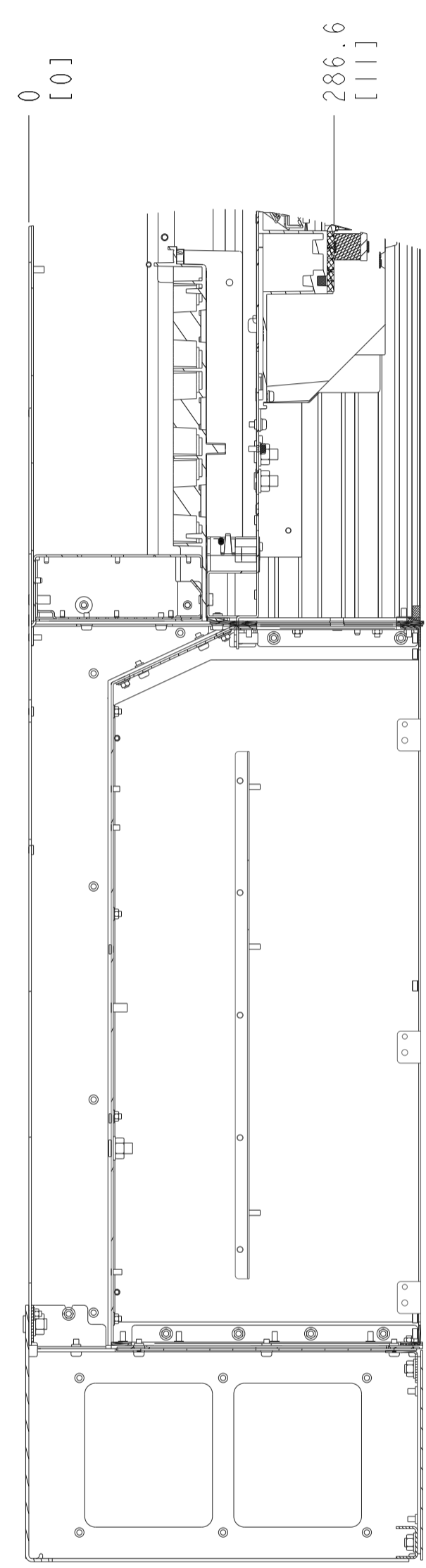
SECTION B-B
MOTOR TERMINALS



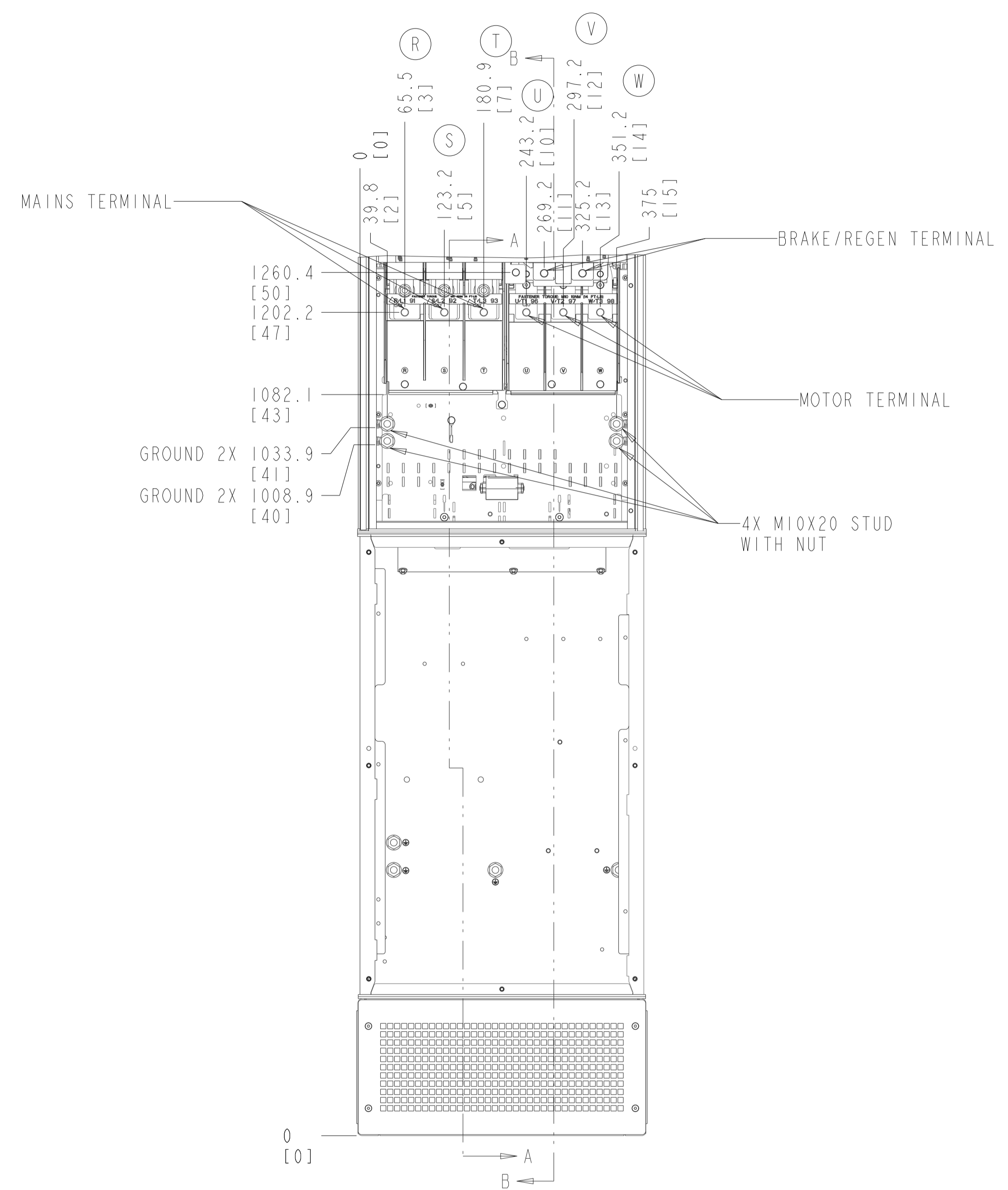
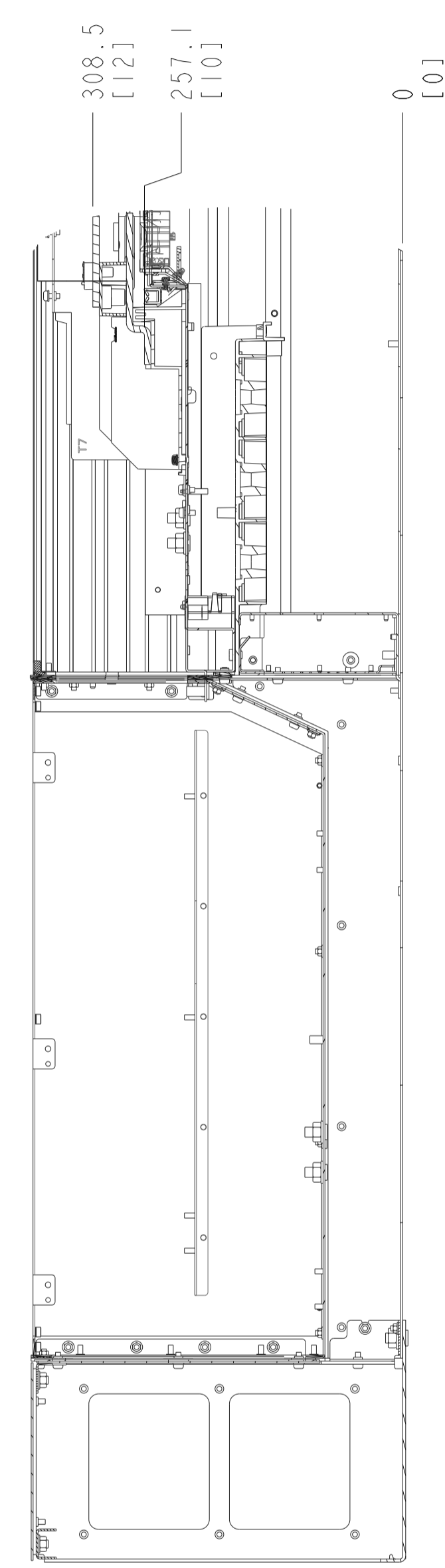
NOTES:
1. PLACE CABLES THROUGH MARKED AREAS
2. 185MM² (400 MCM) MAX WIRE SIZE

BRAKE ONLY

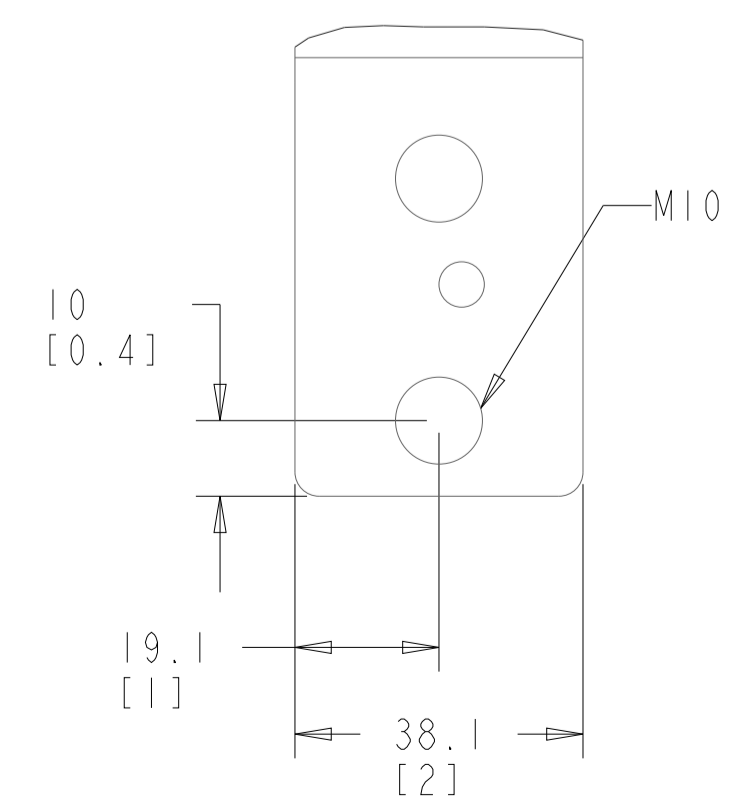
SECTION A-A MAINS TERMINALS



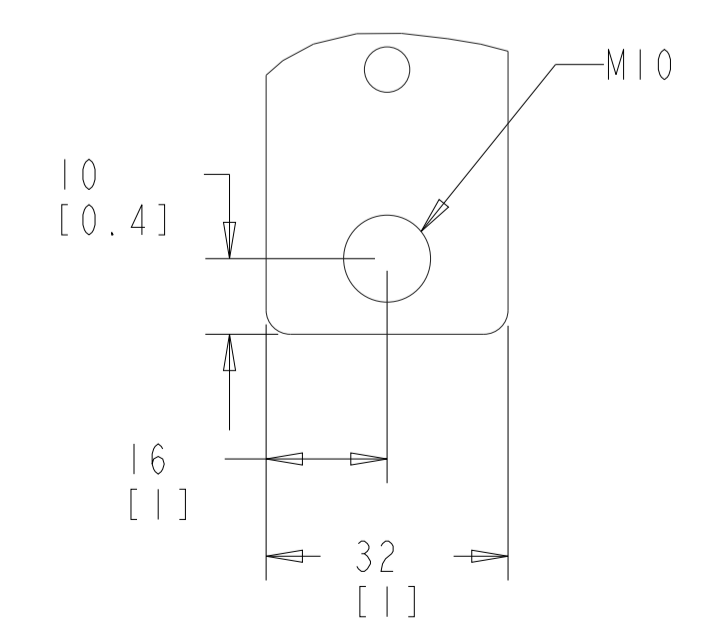
SECTION B-B MOTOR TERMINALS BRAKE/REGEN TERMINALS



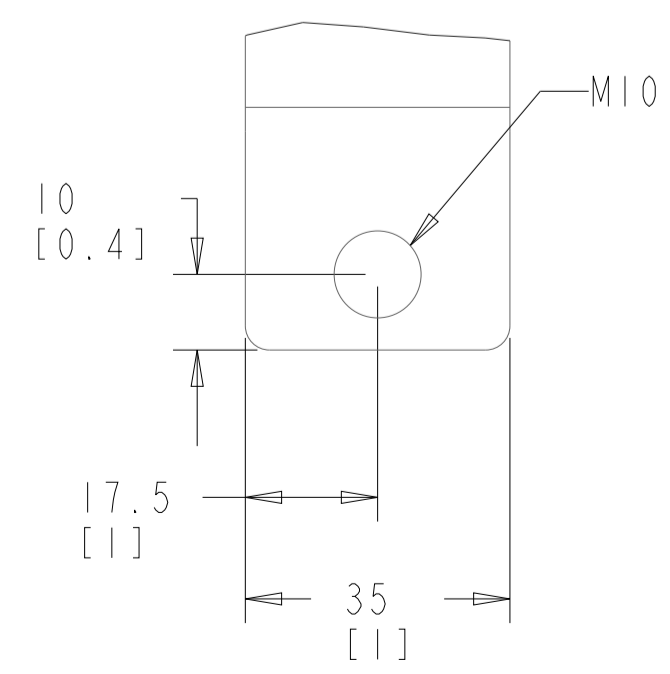
MAINS TERMINAL



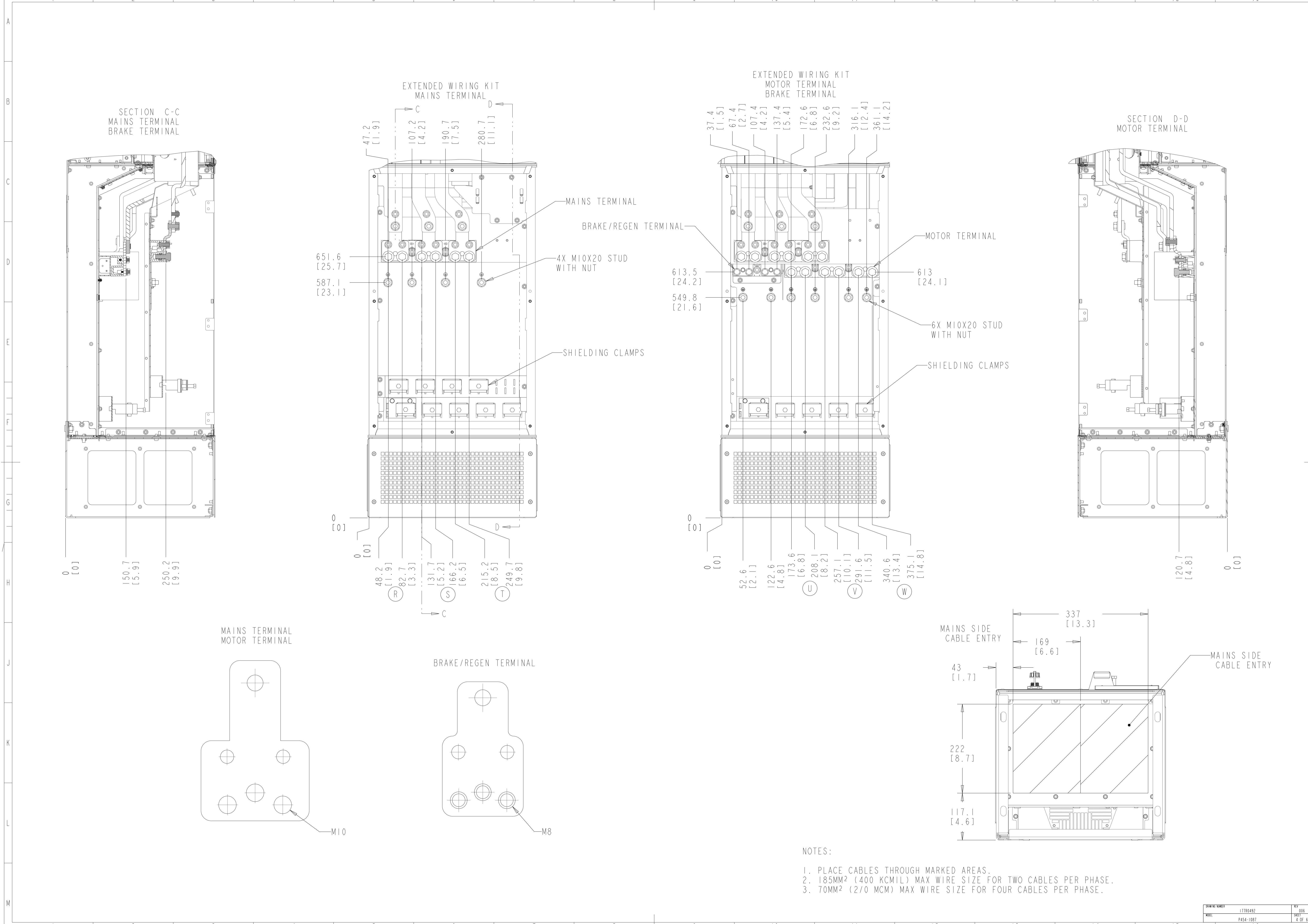
BRAKE/REGEN TERMINAL



MOTOR TERMINAL



NOTES:
1. 185MM² (400 MCM) MAX WIRE SIZE

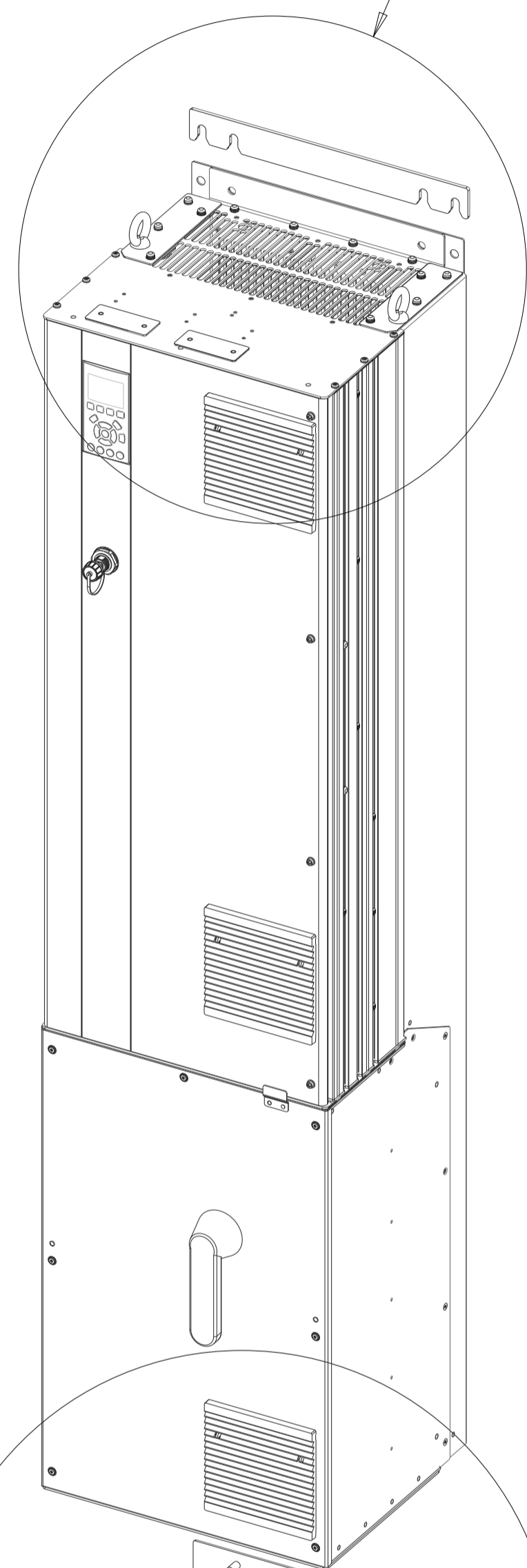


NOTES:

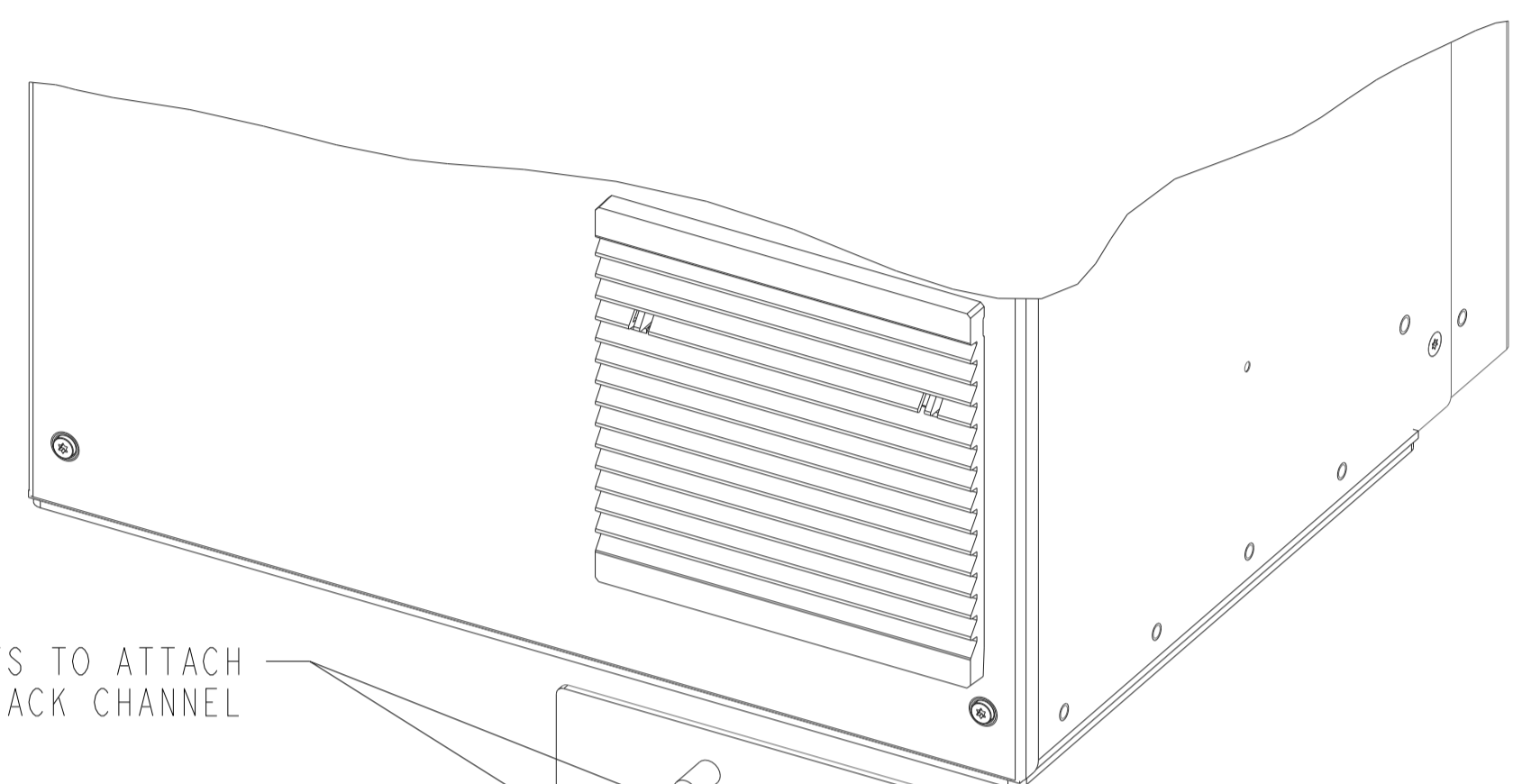
1. PLACE CABLES THROUGH MARKED AREAS.
2. 185MM² (400 KCMIL) MAX WIRE SIZE FOR TWO CABLES PER PHASE.
3. 70MM² (2/0 MCM) MAX WIRE SIZE FOR FOUR CABLES PER PHASE.

PEDESTAL INSTALLATION

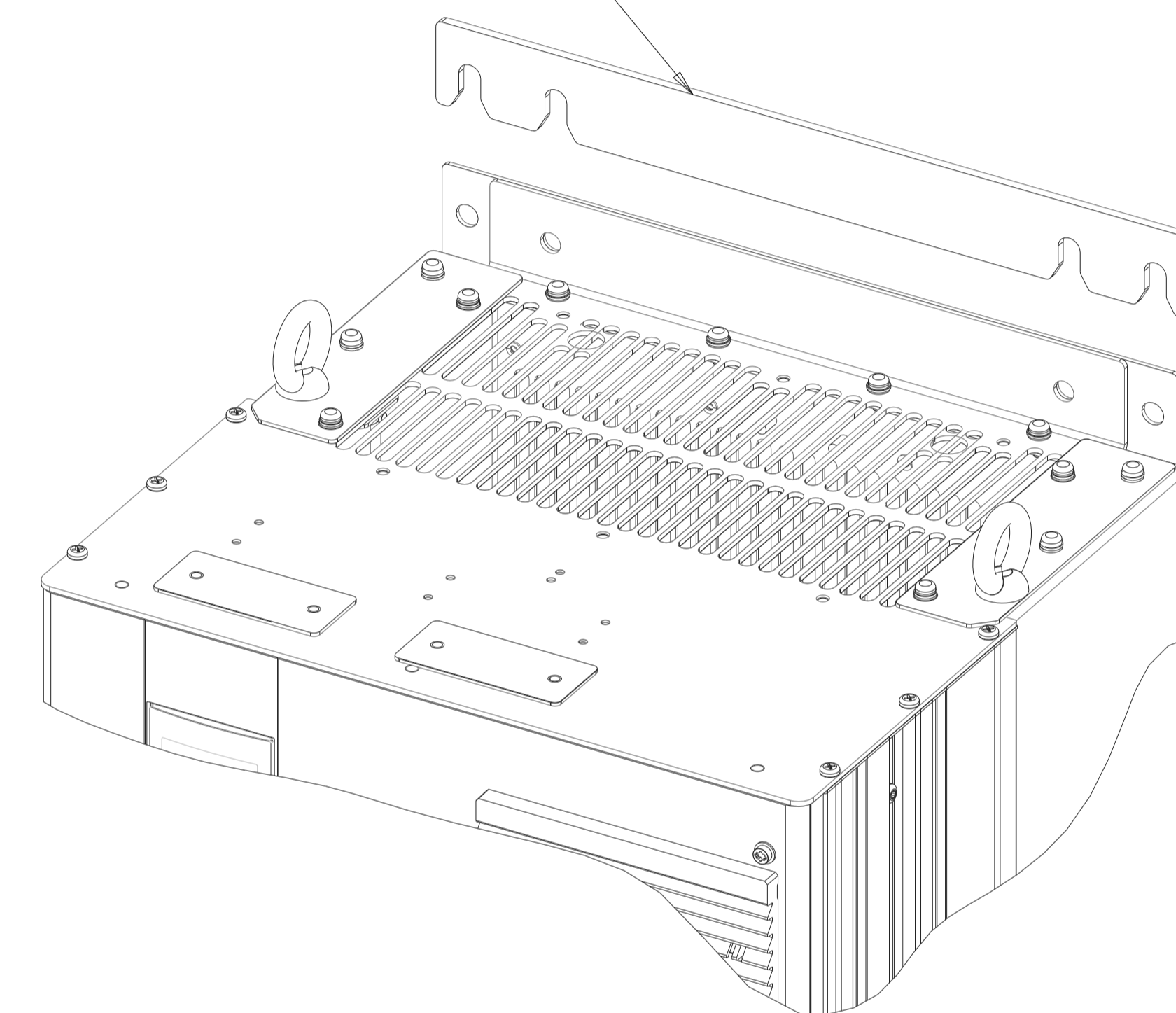
SEE DETAIL C



USE (2) 26516 M10 NUTS TO ATTACH
PEDESTAL TO DRIVE BACK CHANNEL

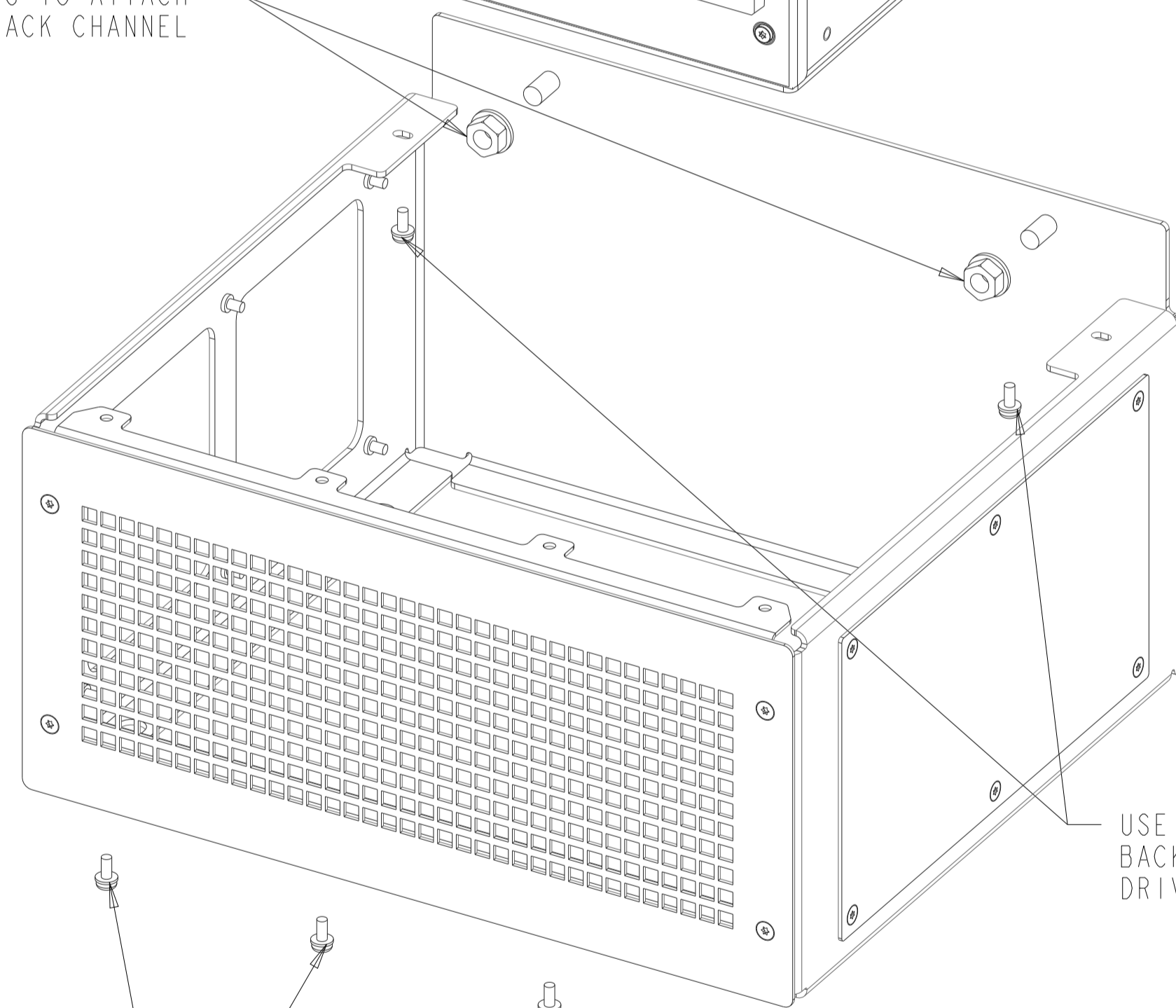


SLIDE PEDESTAL WALL SPACER BEHIND
TOP DRIVE MOUNTING FLANGE BEFORE
ATTACHING ENCLOSURE TO WALL



DETAIL C
SCALE 0.400

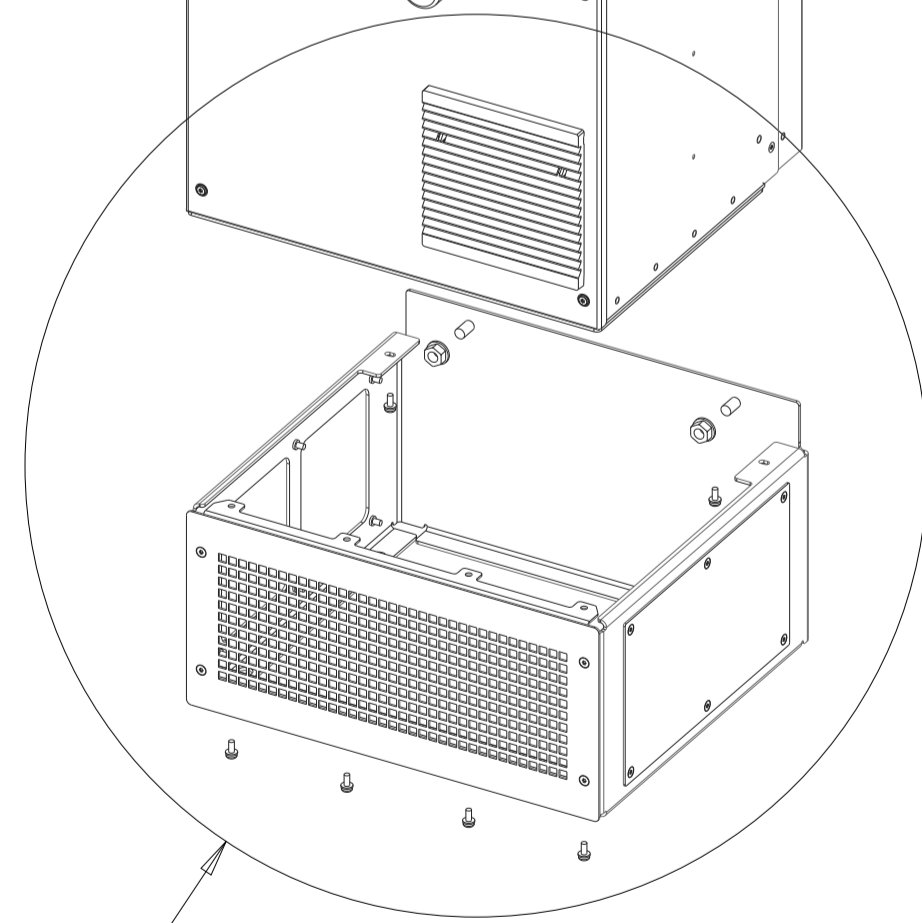
USE (2) 681X9143 M5 SCREWS THROUGH
BACK PEDESTAL FLANGE INTO PEDESTAL
DRIVE MOUNTING BRACKET



USE (4) 681X9143 M5 SCREWS THROUGH
FRONT PEDESTAL FLANGE INTO FRONT
GLAND PLATE MOUNTING HOLES

DETAIL B
SCALE 0.400

SEE DETAIL B



NOTES:

- 1) GLAND PLATE MUST BE INSTALLED BEFORE PEDESTAL
- 2) SEE PAGE 1 FOR FLOOR MOUNTING DIMENSIONS

THE TABLES BELOW ARE USED TO DETERMINE THE FRAME SIZE FOR A GIVEN POWER AND VOLTAGE RATING, WITH A BREAK CHOPPER AND/OR DISCONNECT.

- 1) IDENTIFY THE POWER IN NORMAL OVERLOAD (N.O.) OR HIGH OVERLOAD (H.O.), KILOWATTS (KW) OR HORSEPOWER (HP).
 - 2) READ DOWN THE COLUMN TO THE ROW WITH THE CORRECT VOLTAGE TO IDENTIFY THE FRAME SIZE.
- THIS DRAWING IS FOR D7H FRAMES,

THE TABLE BELOW CAN BE USED TO DETERMINE THE FRAME SIZE IF THE SPECIFIC MODEL/TYPE CODE WITH A BREAK CHOPPER AND/OR DISCONNECT IS KNOWN.

KW RATED DRIVES						
KW HIGH OVERLOAD	132	160	200	250	315	315
KW NORMAL OVERLOAD	160	200	250	315	355	400
400V		D7H	D7H	D7H		
500V			D7H	D7H	D7H	
525V	D7H	D7H	D7H	D7H		
690V		D7H	D7H	D7H		D7H

HORSEPOWER RATED DRIVES					
HP HIGH OVERLOAD	200	250	300	350	350
HP NORMAL OVERLOAD	250	300	350	400	450
460V		D7H	D7H		D7H
575V	D7H	D7H	D7H	D7H	

PLATFORM	VOLTAGE	MODEL/TYPECODE	FRAME(IP21/IP54)
HVAC	T4	FC-102N200T4	D7H
		FC-102N250T4	
		FC-102N315T4	
	T7	FC-102N200T7	
		FC-102N250T7	
		FC-102N315T7	
AQUA	T4	FC-102N400T7	
		FC-202N200T4	
		FC-202N250T4	
	T7	FC-202N315T4	
		FC-202N200T7	
		FC-202N250T7	
AUTOMATION	T5	FC-202N315T7	
		FC-202N400T7	
		FC-302N160T5	
	T7	FC-302N200T5	
		FC-302N250T5	
		FC-302N160T7	
		FC-302N200T7	
		FC-302N250T7	
		FC-302N315T7	