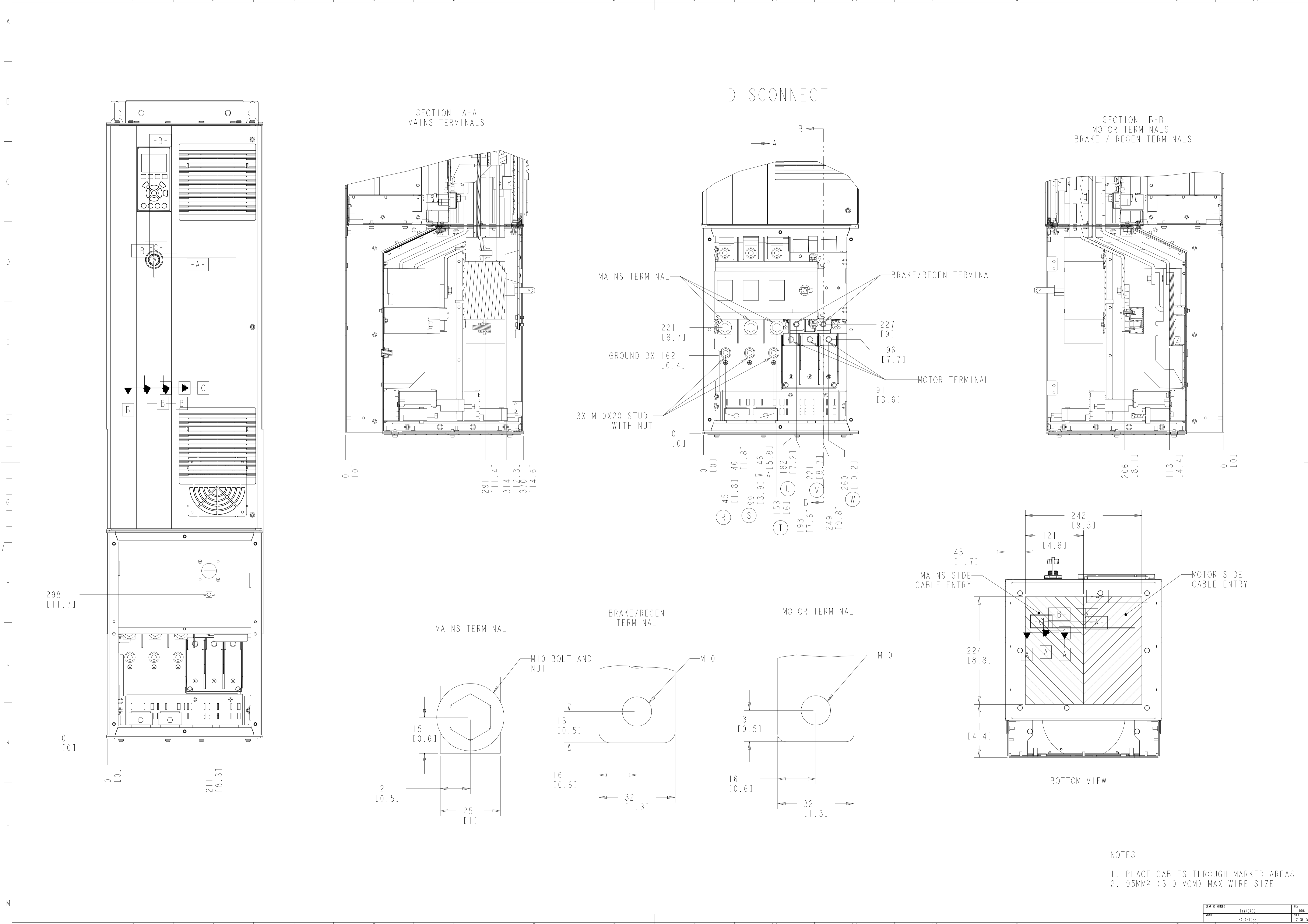


1. MAX AIRFLOW (BACKCHANNEL) - 7 M<sup>3</sup> / MIN (250 CFM)
2. MAX AIRFLOW (CABINET) - 1.7 M<sup>3</sup> / MIN (60 CFM)
3. MAX WEIGHT = 99 KG (219 LBS)
4. CENTER OF GRAVITY:  
APPROXIMATE LOCATION ONLY, LOCATION MAY VARY BASED ON POWER RATING AND OPTIONS ORDERED.

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

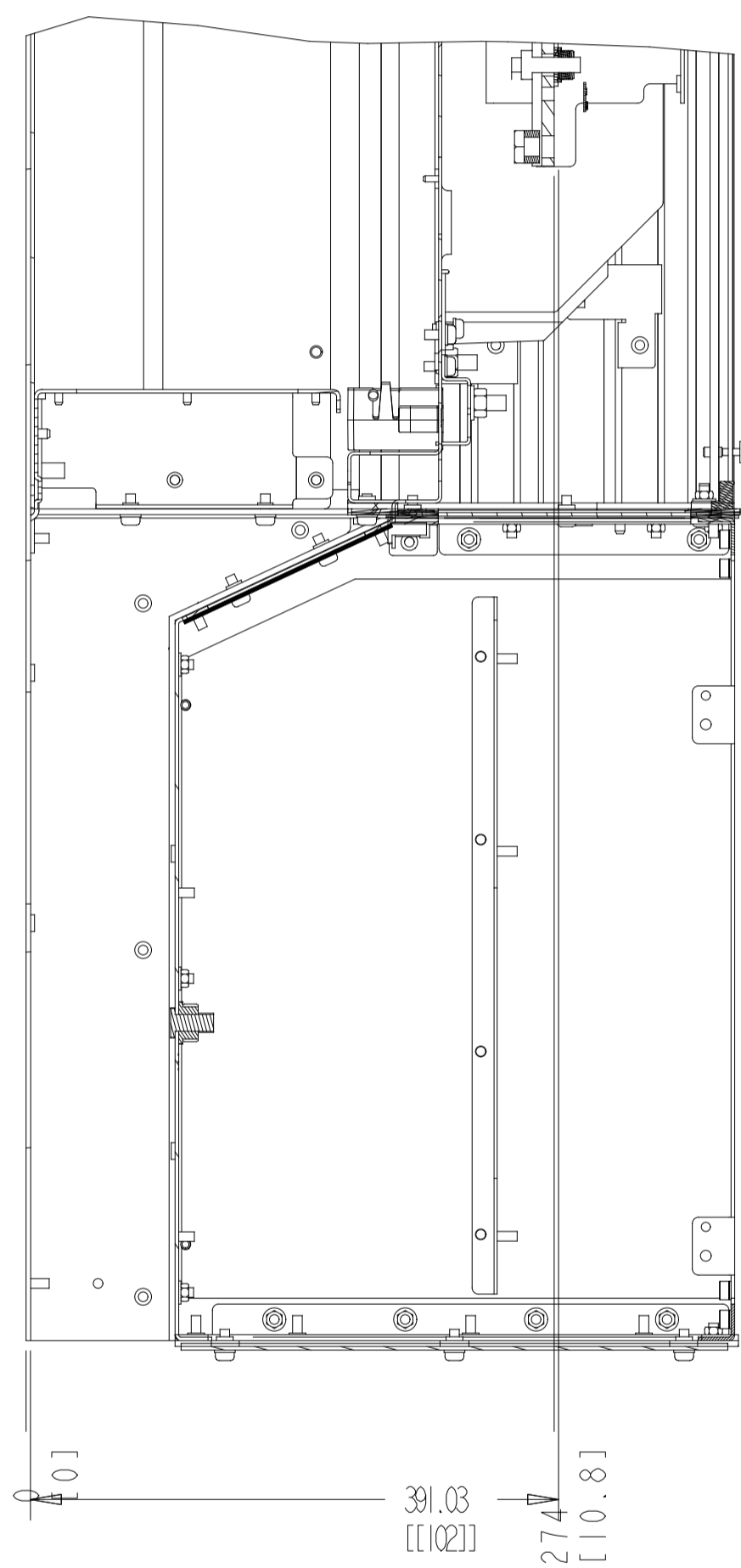
⚠ CRITICAL CHARACTERISTICS  
▽ KEY CHARACTERISTICS  
⊙ INSPECTION  
MUST COMPLY TO ROHS DIRECTIVE 2011/65/EU

INTERPRET DIM. & TOL. PER ASME Y14.5M-1994 ALL DIMENSIONS ARE IN MILLIMETERS TOLERANCES UNLESS OTHERWISE SPECIFIED ±0.1, 0.2, 0.5, 1.0		THIRD ANGLE PROJECTION	SCALE 0.200	SIZE A1	MATERIAL N/A
— PDM CONTROLLED DRAWING — NOT VALID WITHOUT FROZEN DATE IN 1D STAMP				FINISH N/A	
CHANGED	BBB			12/19/20	DESCRIPTION INSTALLATION DRAWING, DSH, IP21/54
DESIGNED	ND	04/09/12	DRAWING NUMBER 177R0490		REV 006
CHECKED			WORK NUMBER P454-1036		SHEET 1 OF 5

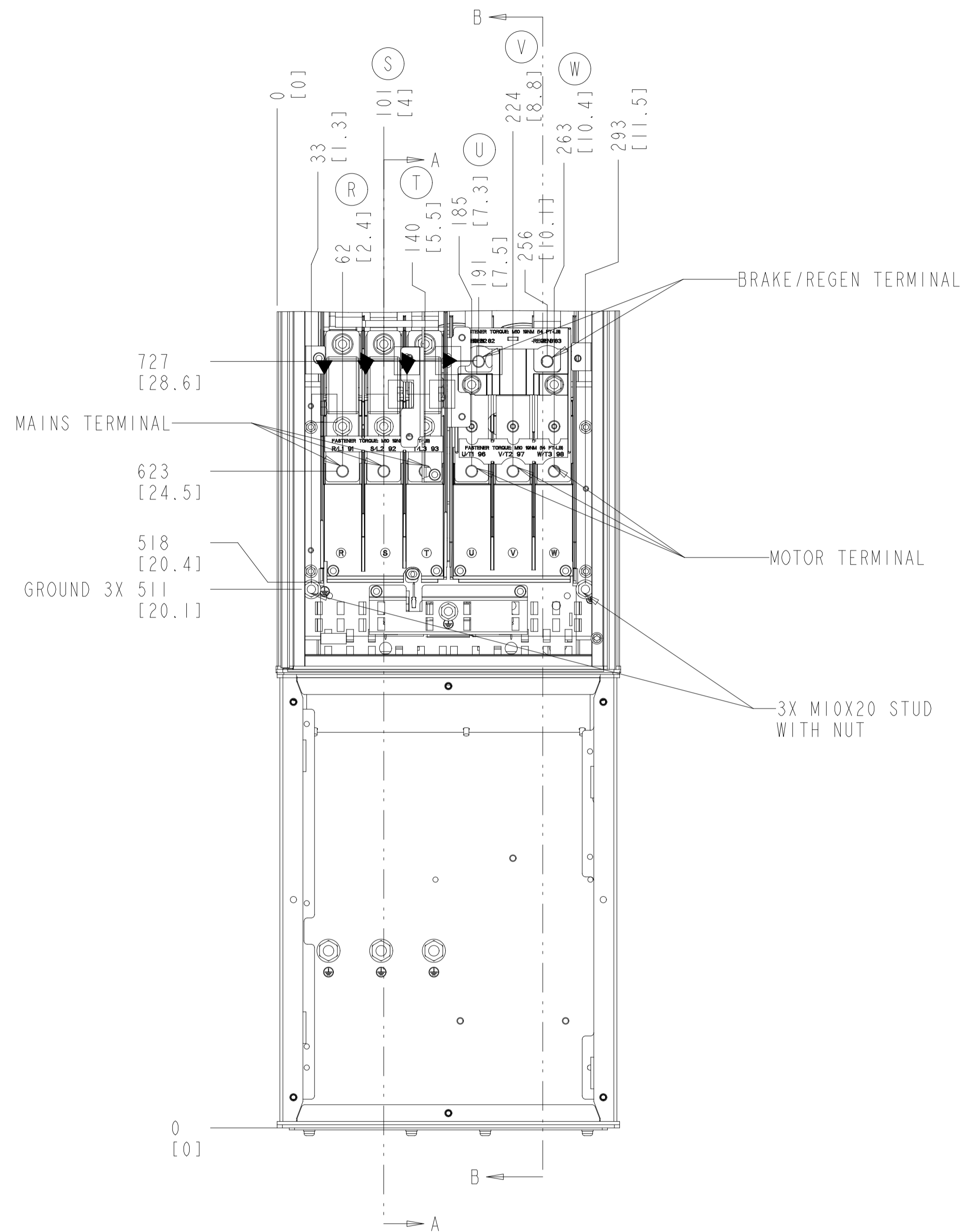


NOTES:  
 1. PLACE CABLES THROUGH MARKED AREAS  
 2. 95MM<sup>2</sup> (310 MCM) MAX WIRE SIZE

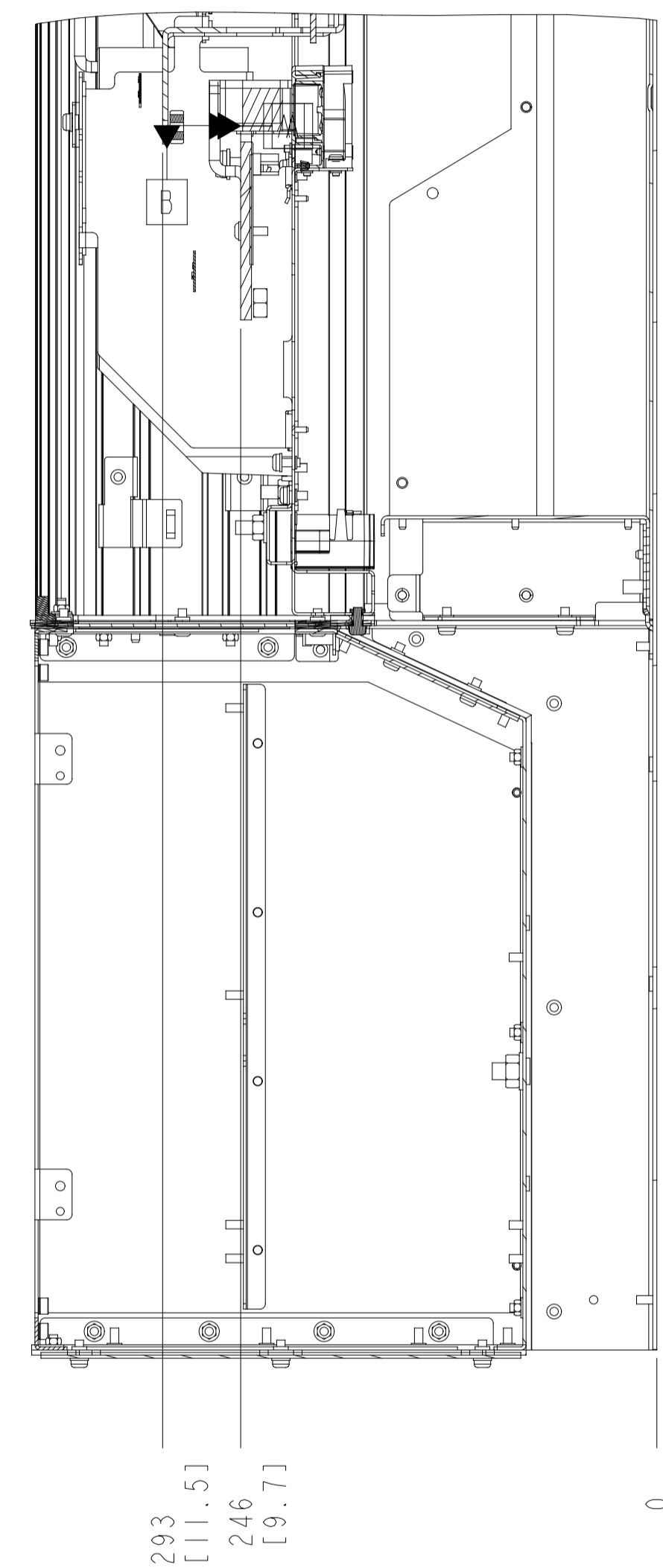
SECTION A-A  
MAINS TERMINALS



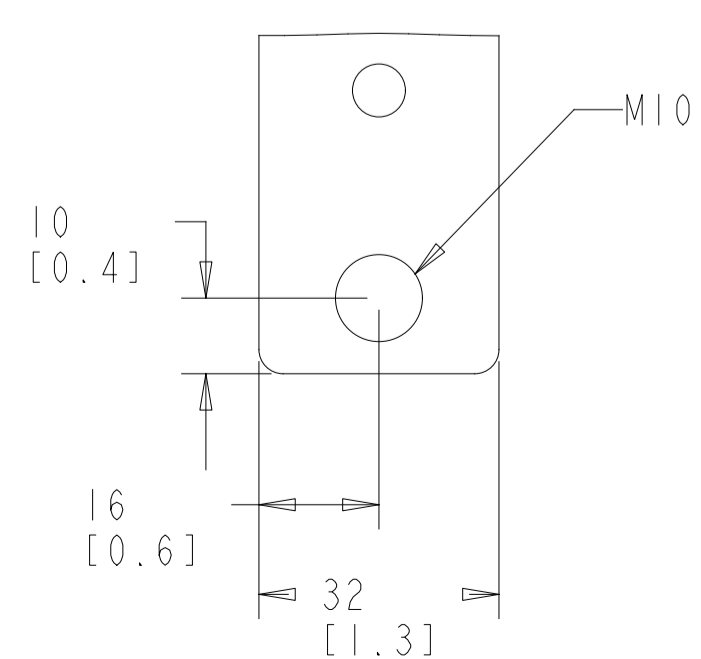
BRAKE ONLY



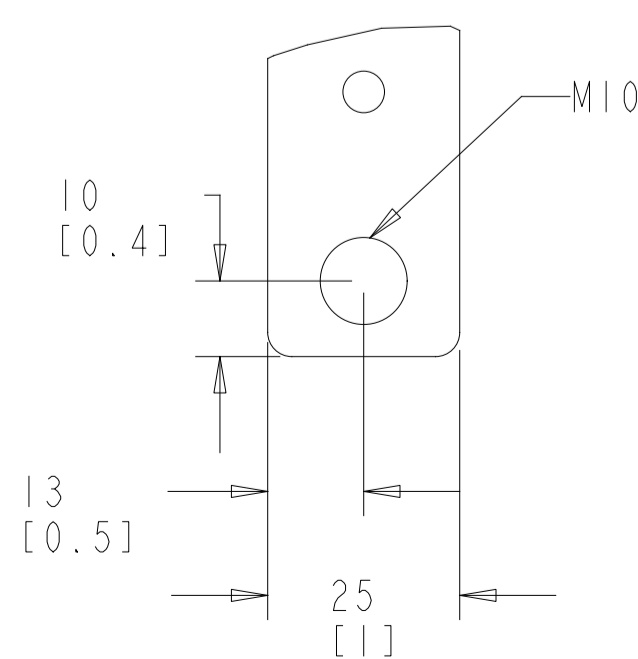
SECTION B-B  
MOTOR TERMINALS  
BRAKE / REGEN TERMINALS



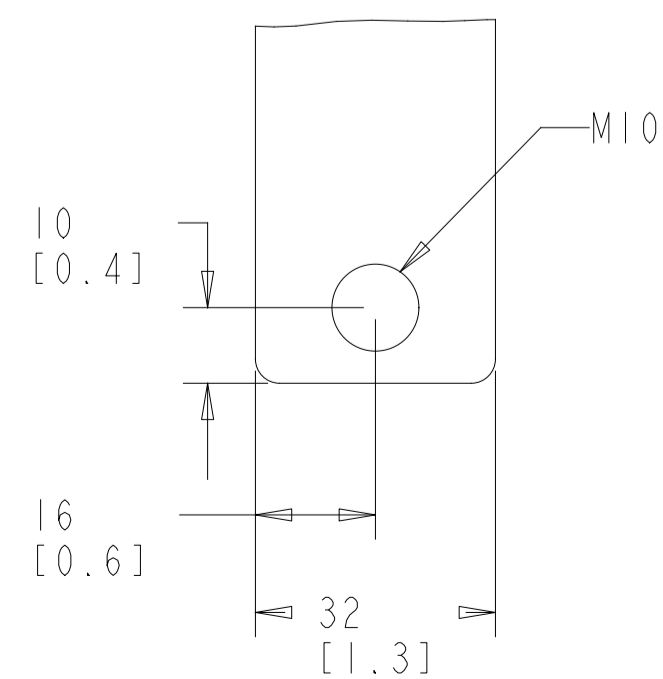
MAINS TERMINAL



BRAKE/REGEN TERMINAL

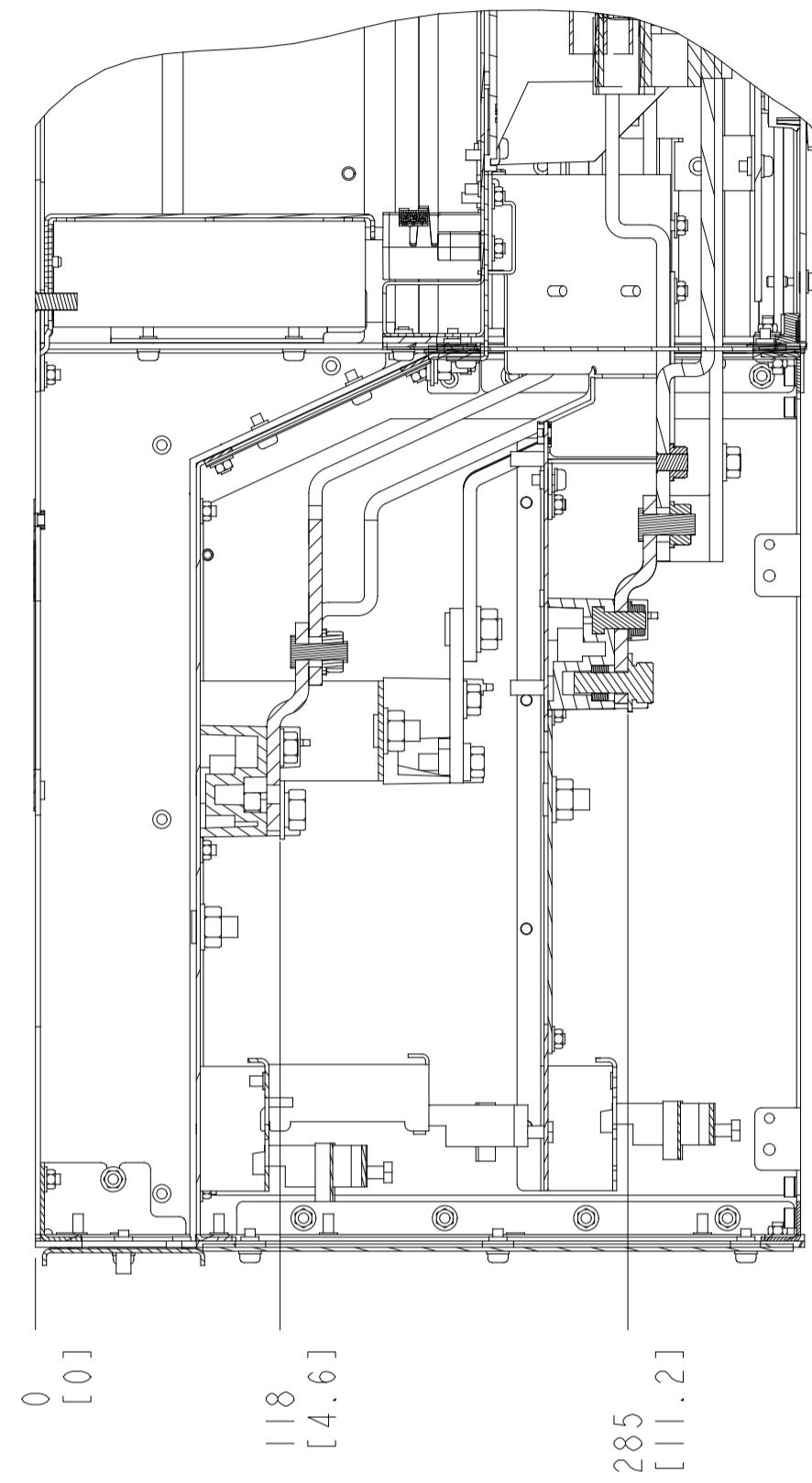


MOTOR TERMINAL

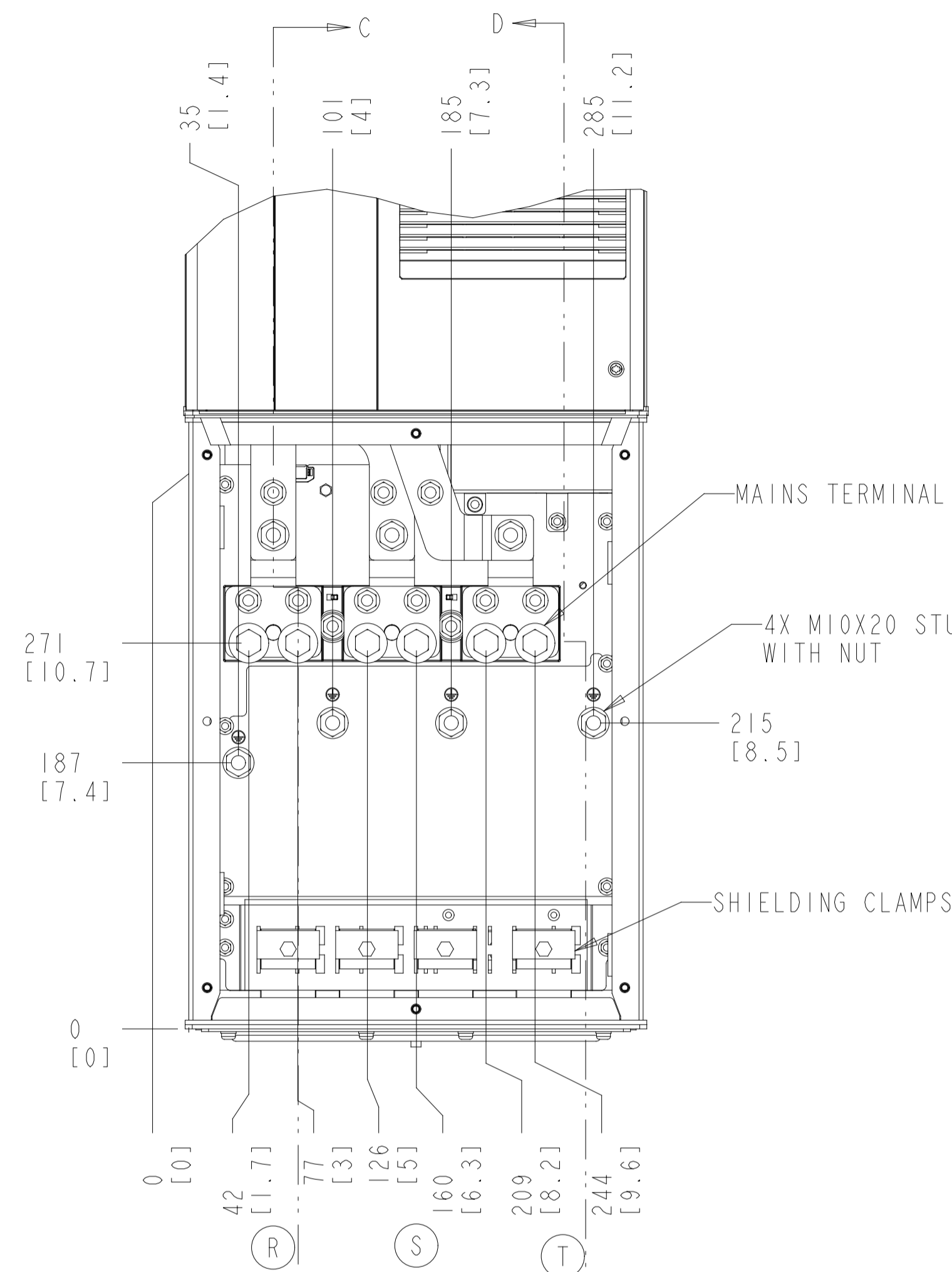


NOTES:  
1. 95MM<sup>2</sup> (310 MCM) MAX WIRE SIZE

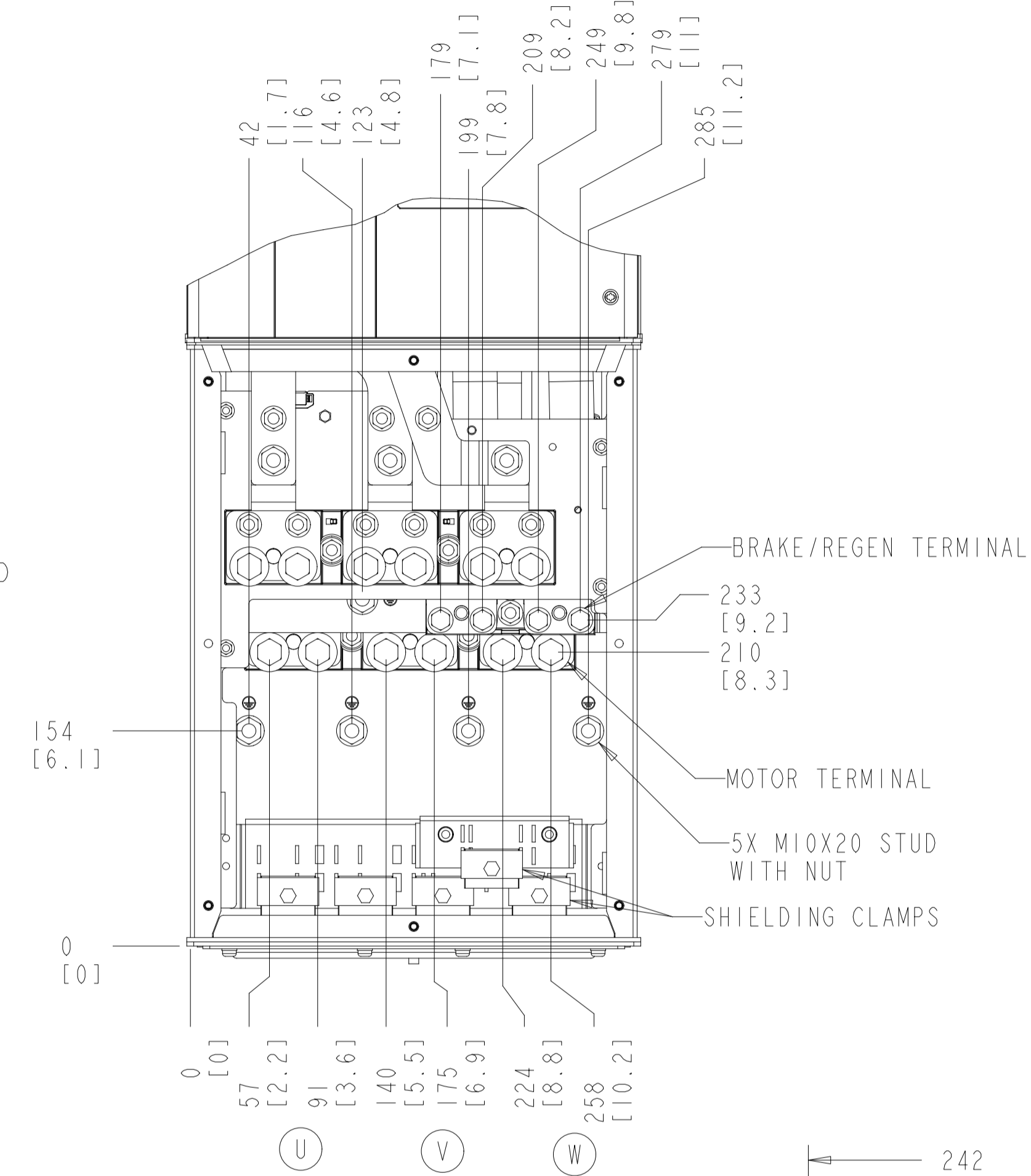
SECTION C-C  
MAINS TERMINAL  
MOTOR TERMINAL



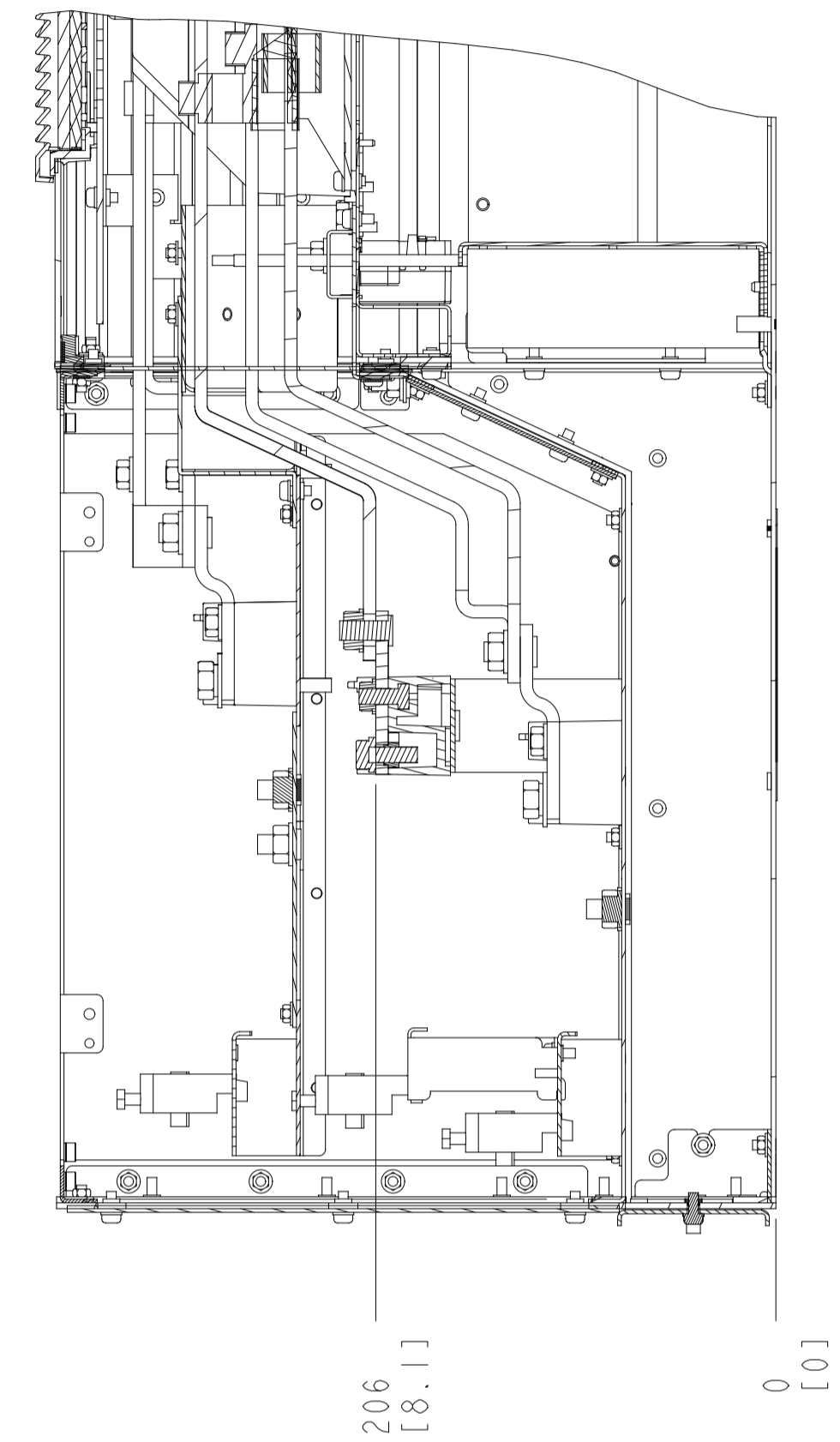
EXTENDED WIRING KIT  
MAINS TERMINAL



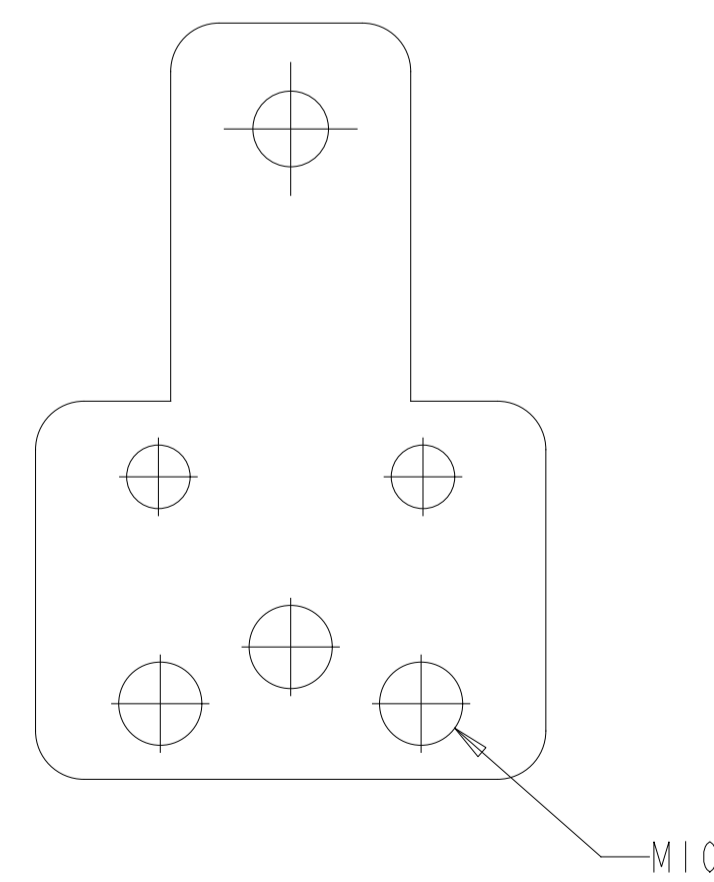
EXTENDED WIRING KIT  
MOTOR TERMINAL  
BRAKE TERMINAL



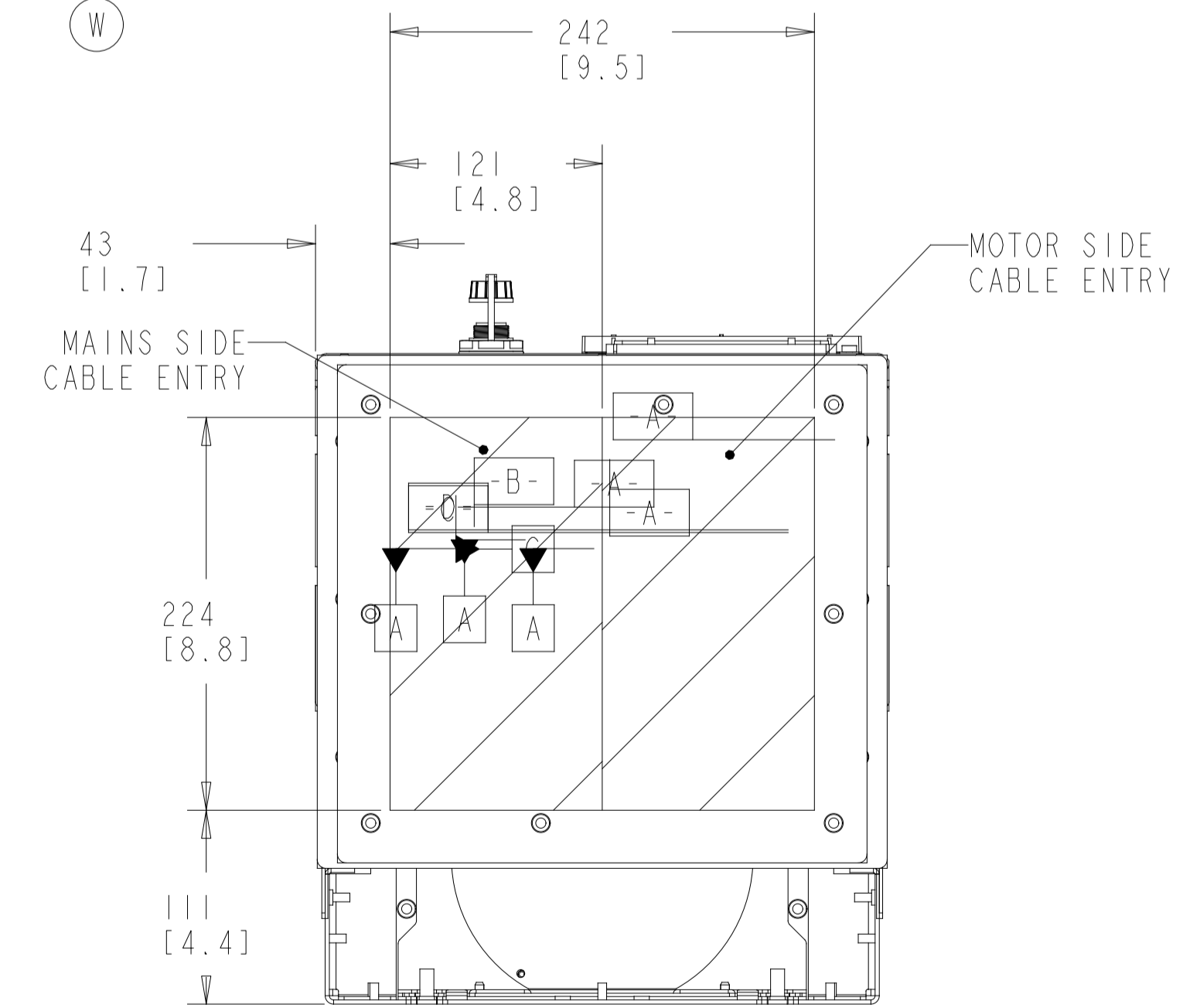
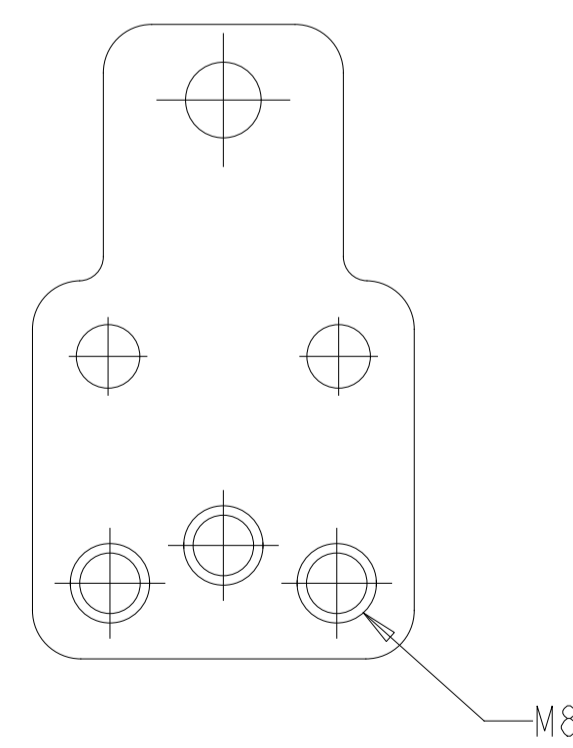
SECTION D-D  
BRAKE TERMINAL



MAINS TERMINAL  
MOTOR TERMINAL



BRAKE/REGEN TERMINAL



BOTTOM VIEW

NOTES:

1. PLACE CABLES THROUGH MARKED AREAS.
2. 95MM<sup>2</sup> (3/0 MCM) MAX WIRE SIZE FOR TWO CABLES PER PHASE.
3. 50MM<sup>2</sup> (1/0 MCM) MAX WIRE SIZE FOR FOUR CABLES PER PHASE.

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

- 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 D5H FRAMES,

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

KW RATED DRIVES							
KW HIGH OVERLOAD	45	55	75	90	110	132	160
KW NORMAL OVERLOAD	55	75	90	110	132	160	200
208V / 230V	D5H	D5H					
400V				D5H	D5H	D5H	
500V					D5H	D5H	D5H
525V			D5H	D5H	D5H	D5H	
690V				D5H	D5H	D5H	

HORSEPOWER RATED DRIVES							
HP HIGH OVERLOAD	50	60	75	100	125	150	200
HP NORMAL OVERLOAD	60	75	100	125	150	200	250
208V	D5H	D5H					
460V					D5H	D5H	D5H
575V				D5H	D5H	D5H	

PLATFORM	VOLTAGE	MODEL/TYPECODE	FRAME(IP21/IP54)
HVAC	T2	FC-102N55KT2	D5H
		FC-102N75KT2	
	T4	FC-102N110T4	
		FC-102N132T4	
		FC-102N160T4	
	T7	FC-102N110T7	
FC-102N132T7			
FC-102N160T7			
AQUA	T2	FC-202N55KT2	
		FC-202N75KT2	
	T4	FC-202N110T4	
		FC-202N132T4	
		FC-202N160T4	
	T7	FC-202N110T7	
FC-202N132T7			
FC-202N160T7			
AUTOMATION	T2	FC-302N45KT2	
		FC-302N55KT2	
	T5	FC-302N90KT5	
		FC-302N110T5	
		FC-302N132T5	
	T7	FC-302N90KT7	
FC-302N110T7			
FC-302N132T7			