

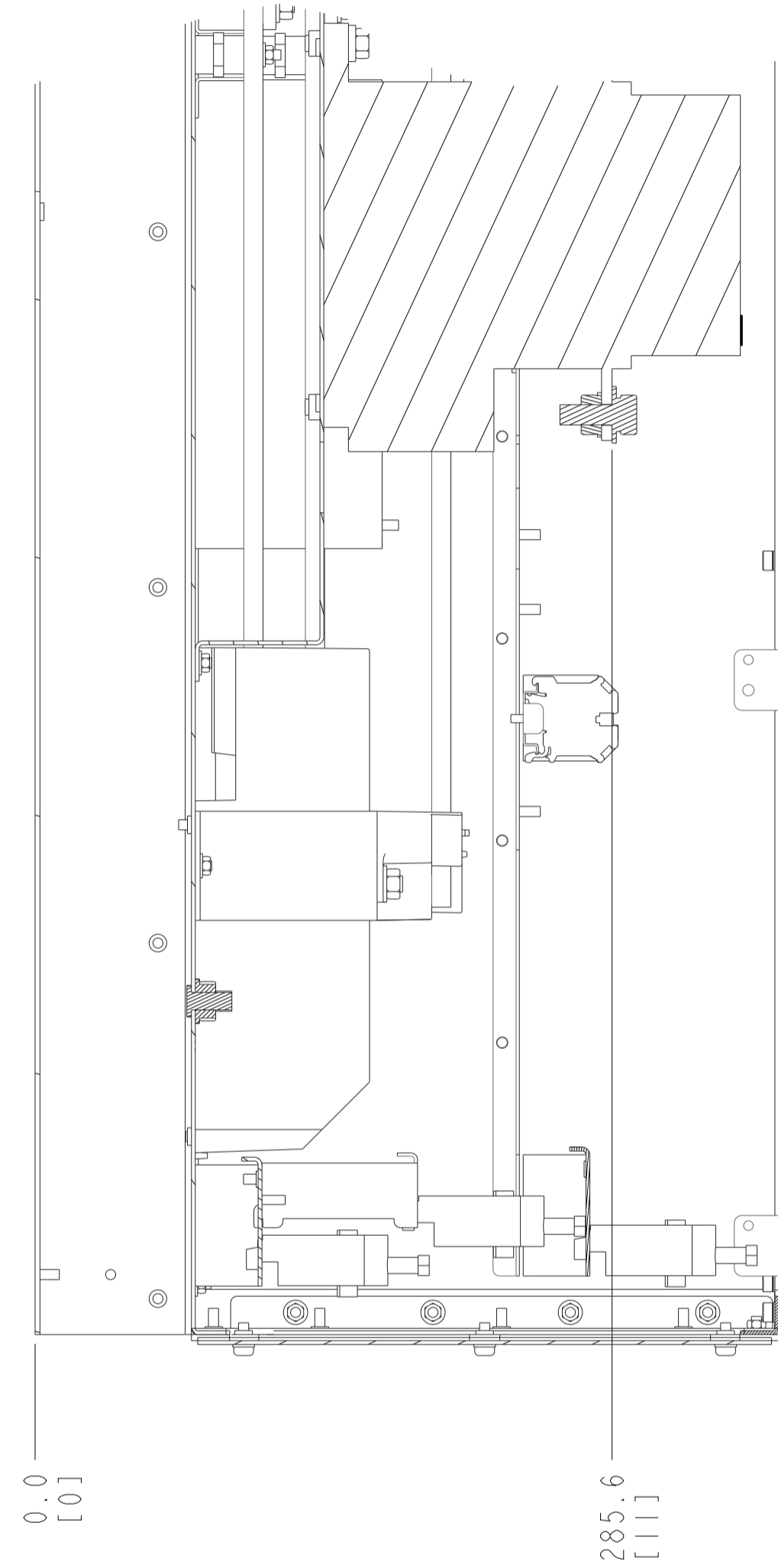
1. MAX AIRFLOW (BACKCHANNEL) - 7 M<sup>3</sup> / MIN (250 CFM)
2. MAX AIRFLOW (CABINET) - 1.7 M<sup>3</sup> / MIN (60 CFM)
3. MAX WEIGHT = 128 KG (283 LBS)
4. CENTER OF GRAVITY:  
 APPROXIMATE LOCATION ONLY, LOCATION MAY VARY BASED ON POWER RATING AND OPTIONS ORDERED.

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

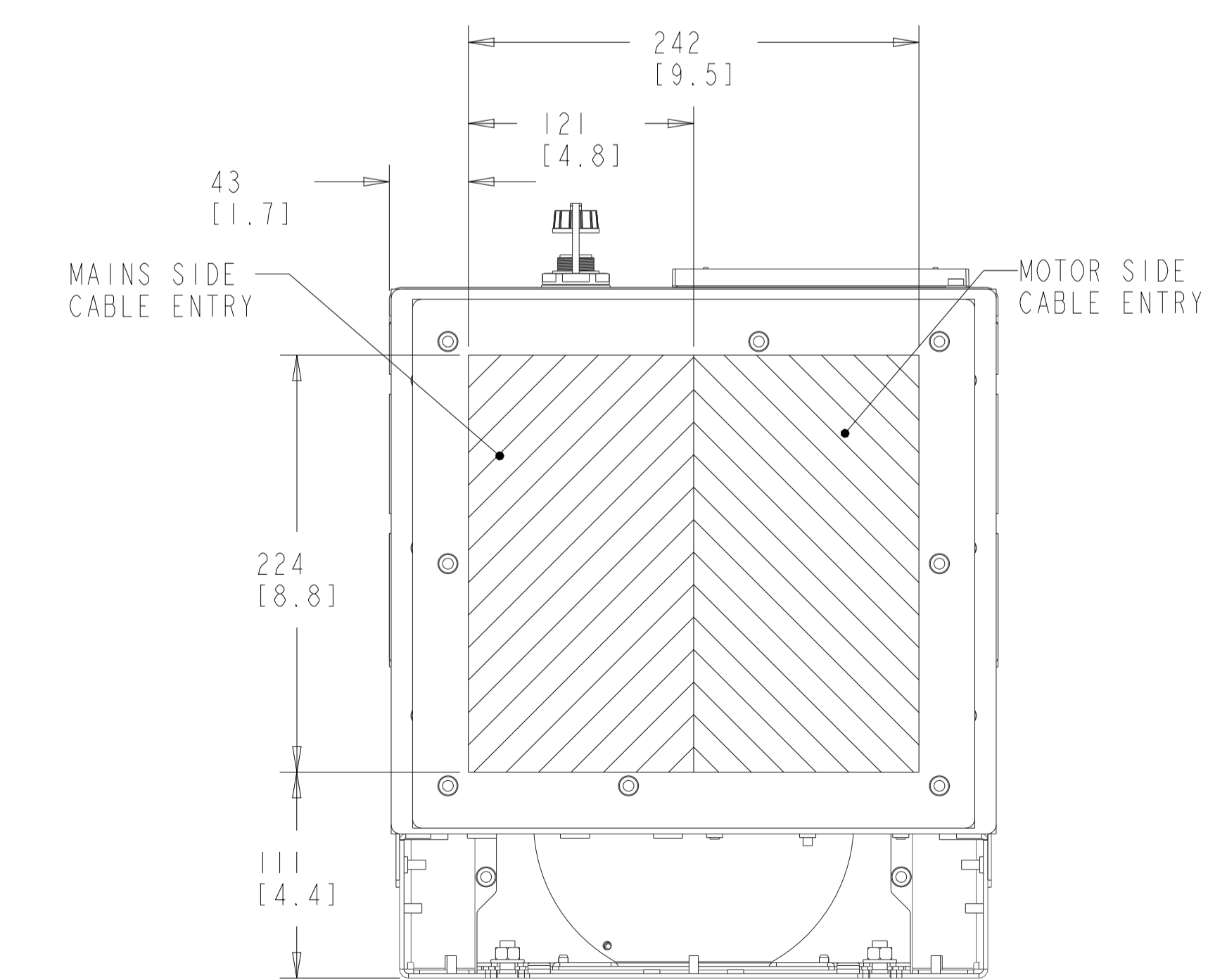
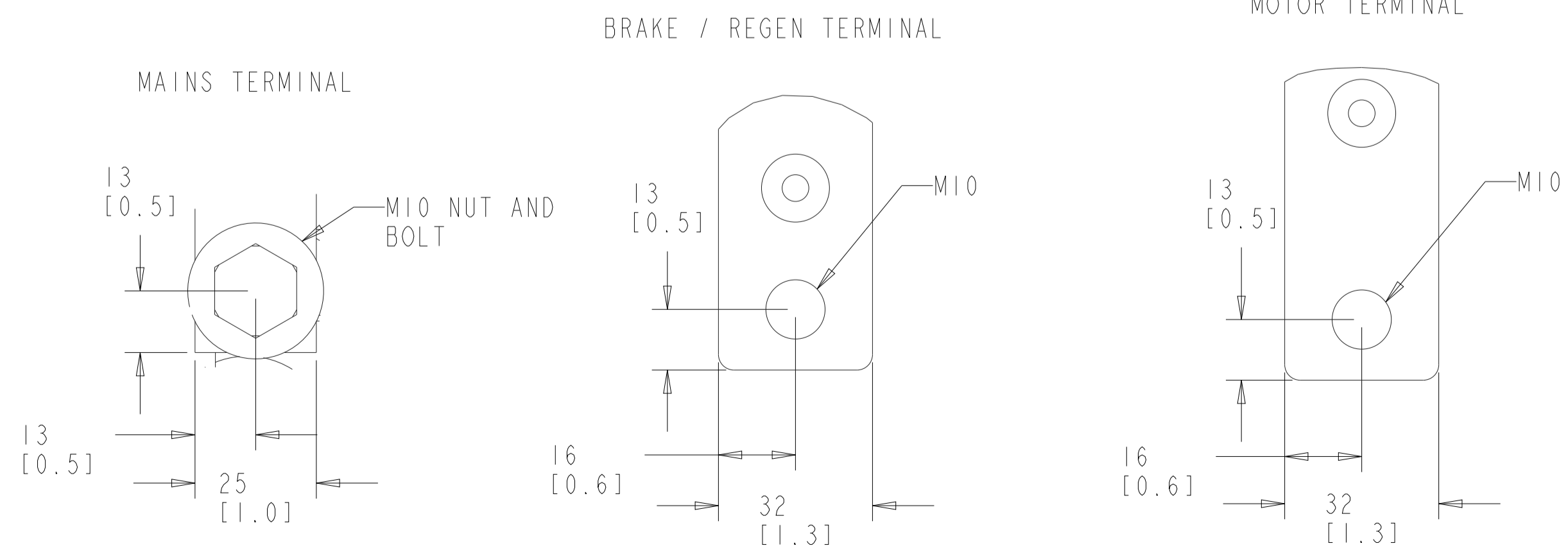
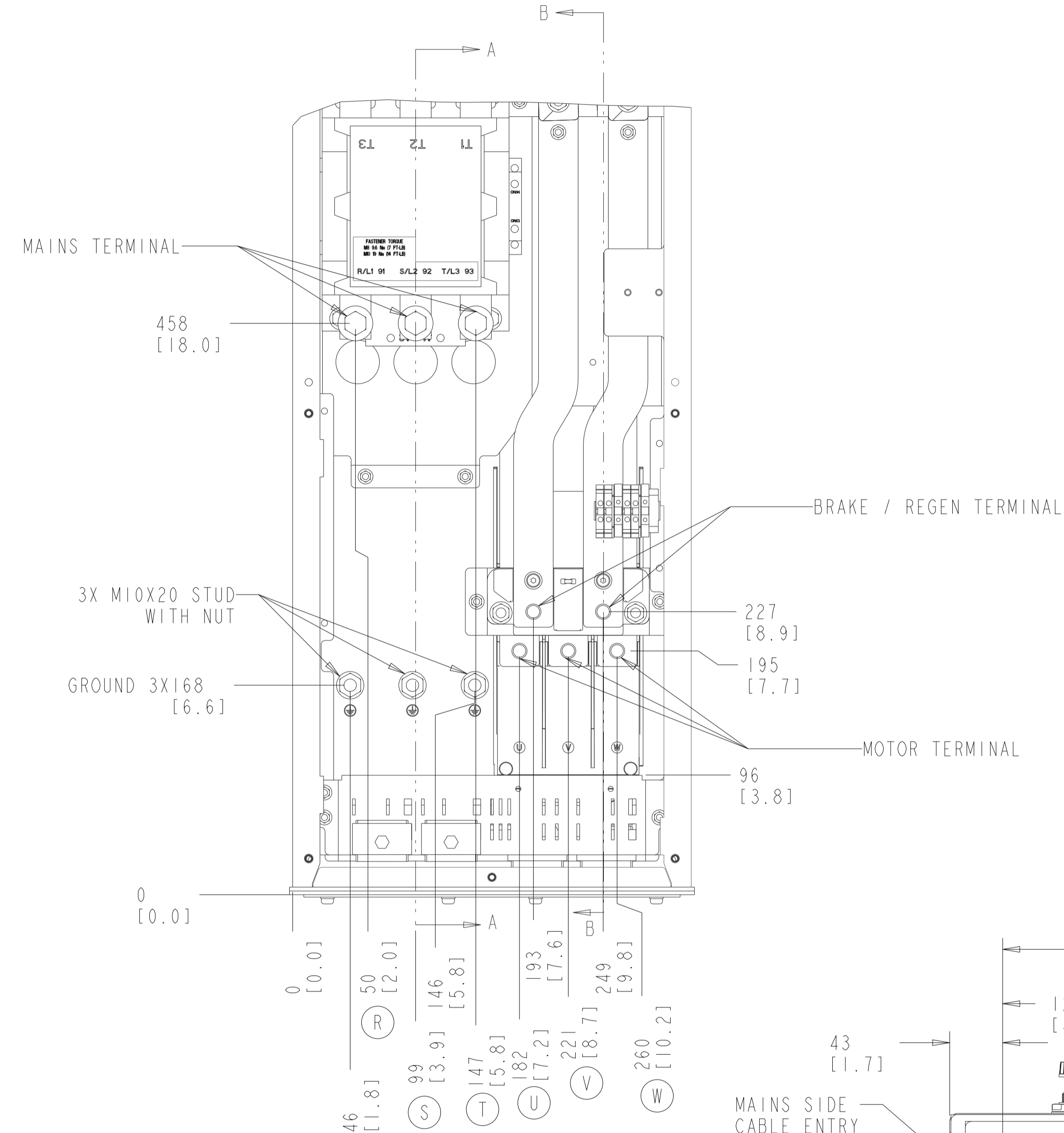
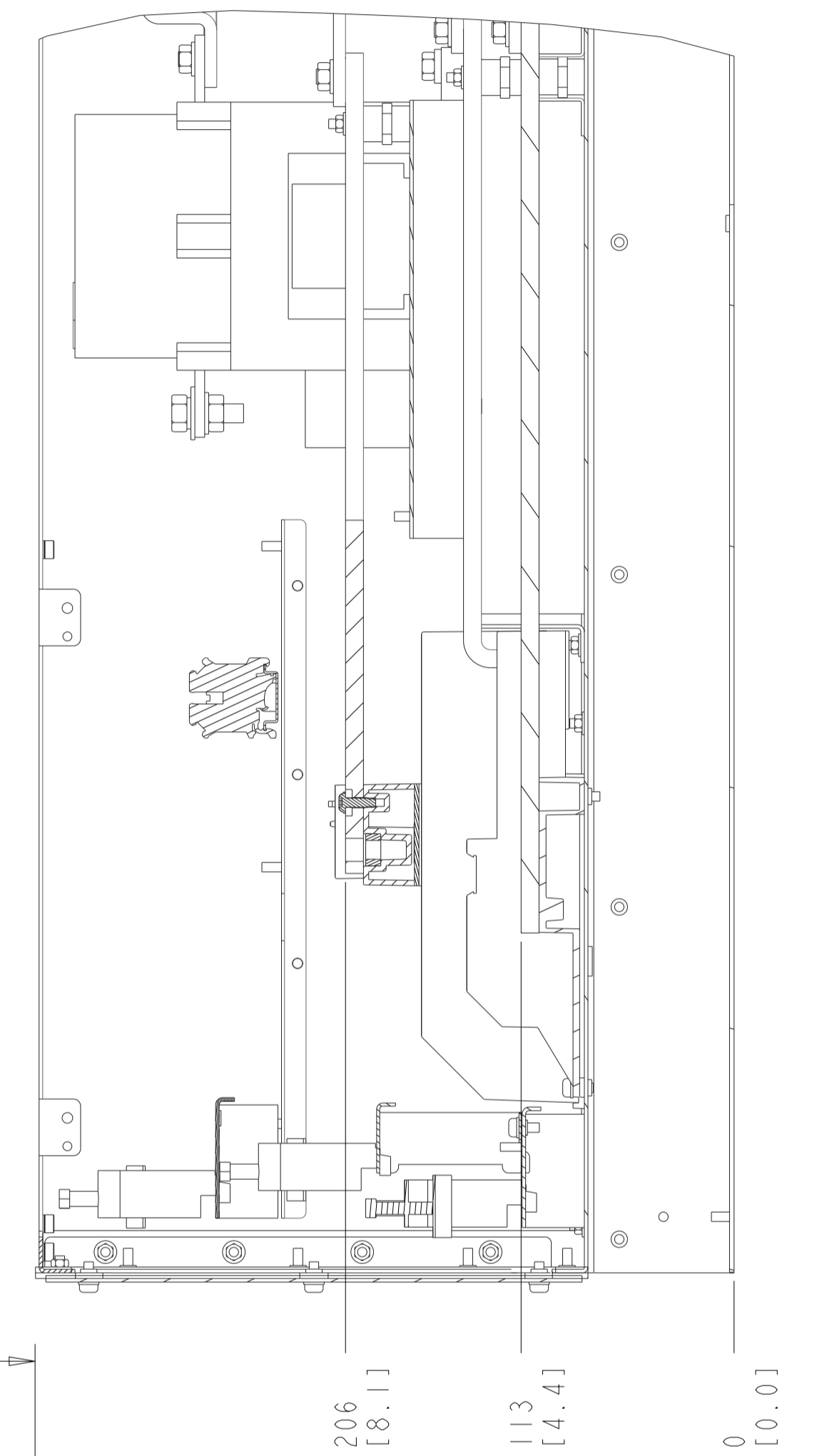
INTERPRET DIM. & TOL. PER ASME Y14.5M-1994		THIRD ANGLE PROJECTION	SCALE	SIZE	MATERIAL	N/A
ALL DIMENSIONS ARE IN MILLIMETERS			0.175	A1	FINISH	N/A
TOLERANCES UNLESS OTHERWISE SPECIFIED					DESCRIPTION	
±0.10 ±0.50 ±1.0						
<p>— PDM CONTROLLED DRAWING —          NOT VALID WITHOUT FROZEN DATE IN ID STAMP</p>						
CHANGED	BC	08/24/16	INSTALLATION DRAWING, DGH, IP21/54			
DESIGNED	ND	04/05/12				
CHECKED						
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.						DRAWING NUMBER: 177R0491 SHEET: 1 OF 3

# CONTACTOR ONLY

SECTION A-A  
MAINS TERMINALS



SECTION B-B  
MOTOR TERMINALS  
BRAKE / REGEN TERMINALS

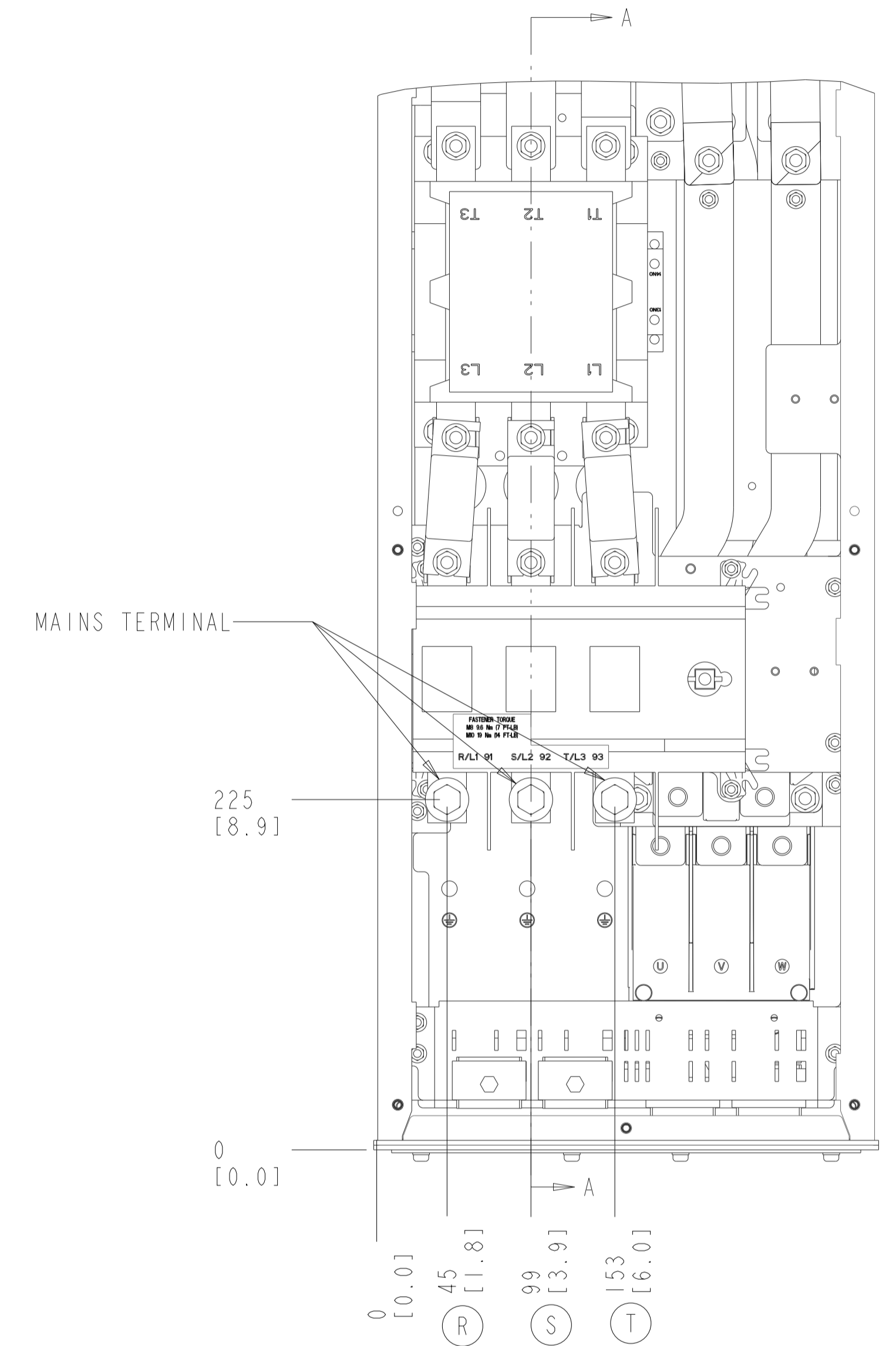
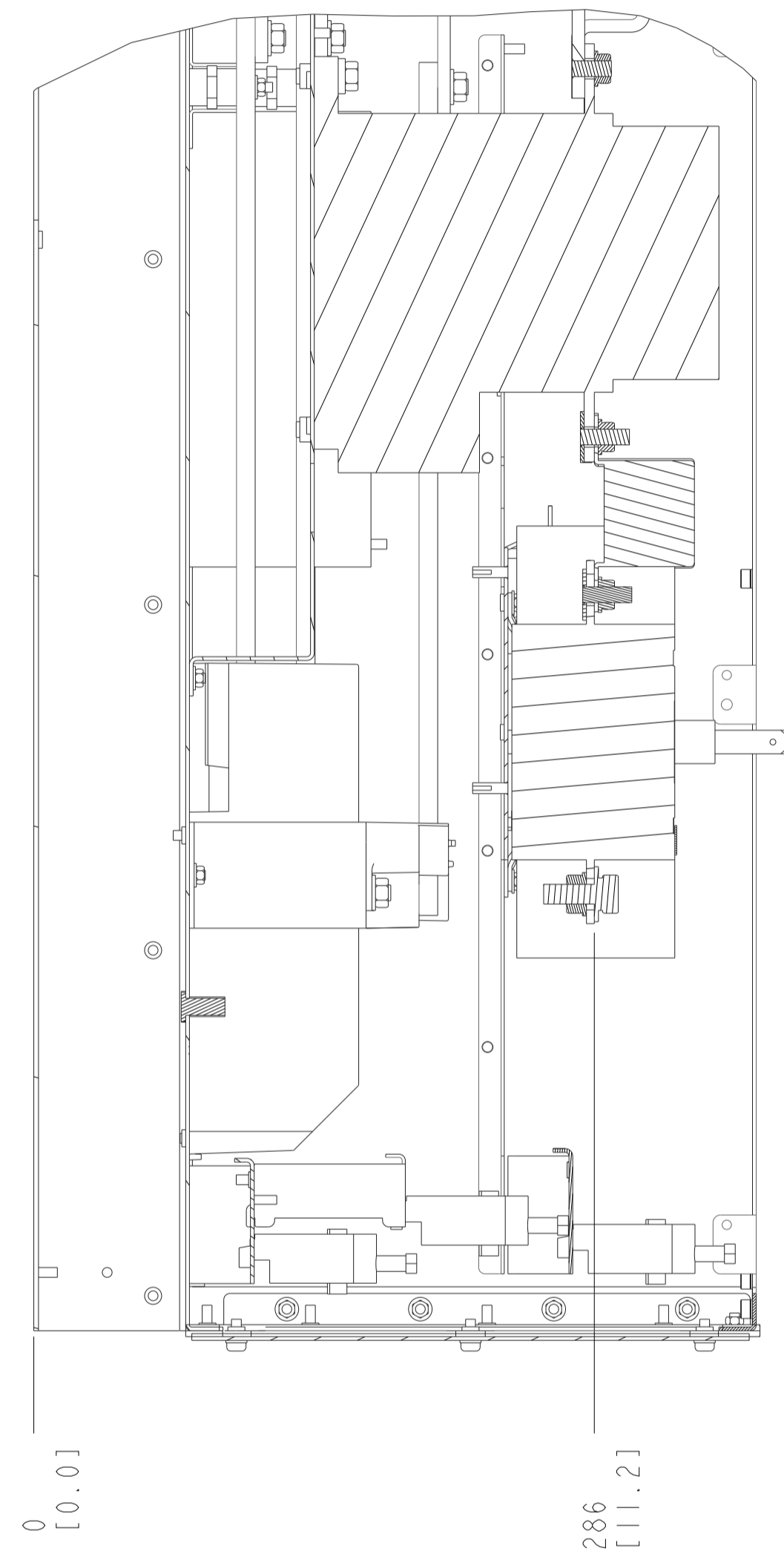
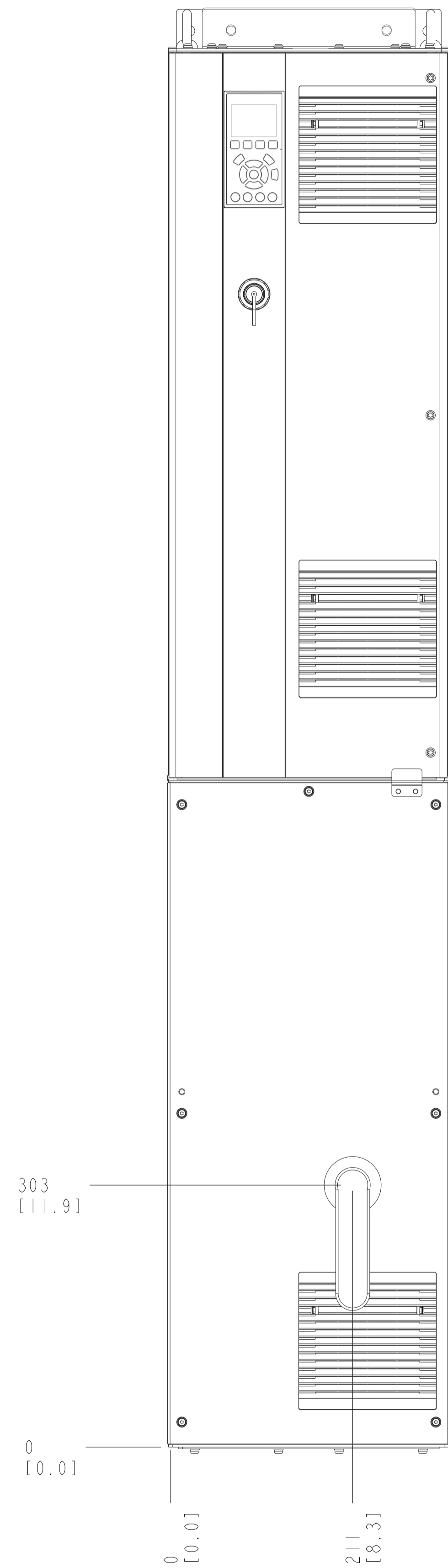


BOTTOM VIEW

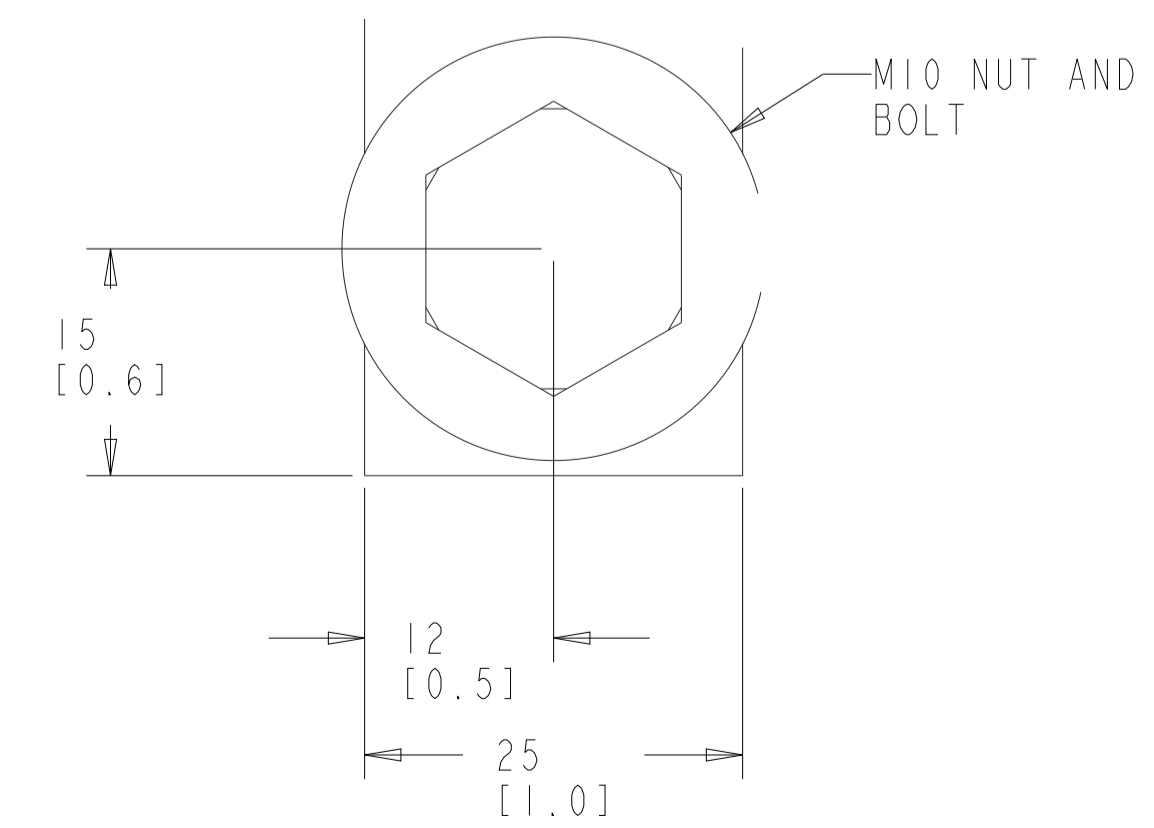
- NOTES:
1. PLACE CABLES THROUGH MARKED AREAS
  2. 95MM<sup>2</sup> (310 MCM) MAX WIRE SIZE

# CONTACTOR AND DISCONNECT

SECTION A-A  
MAINS TERMINALS



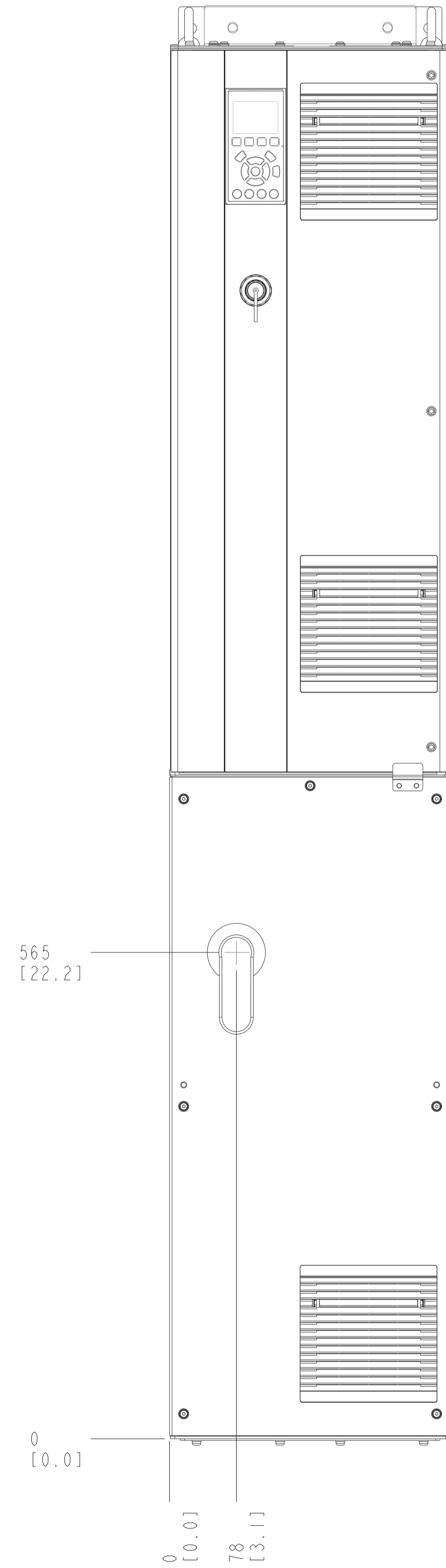
MAINS TERMINAL



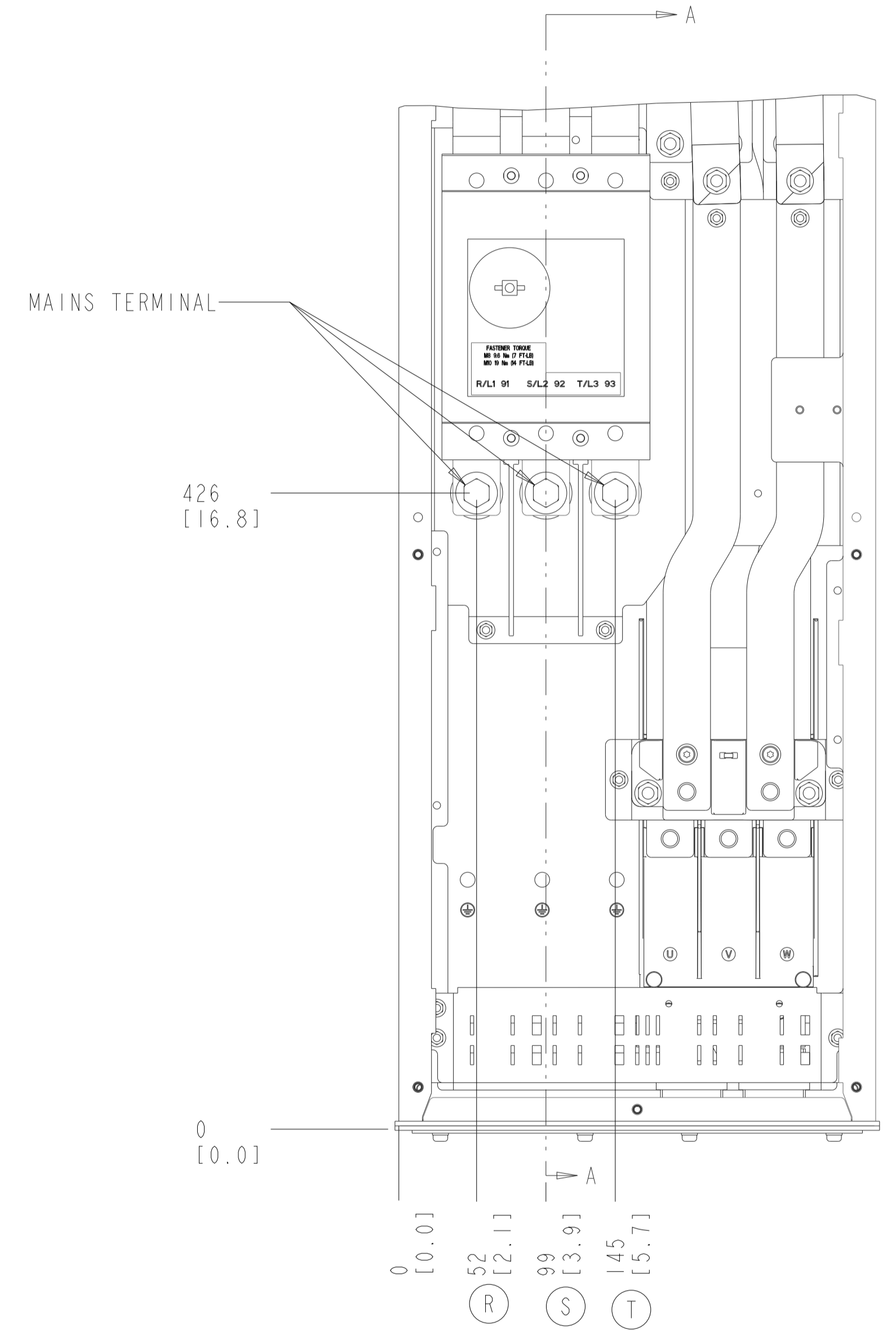
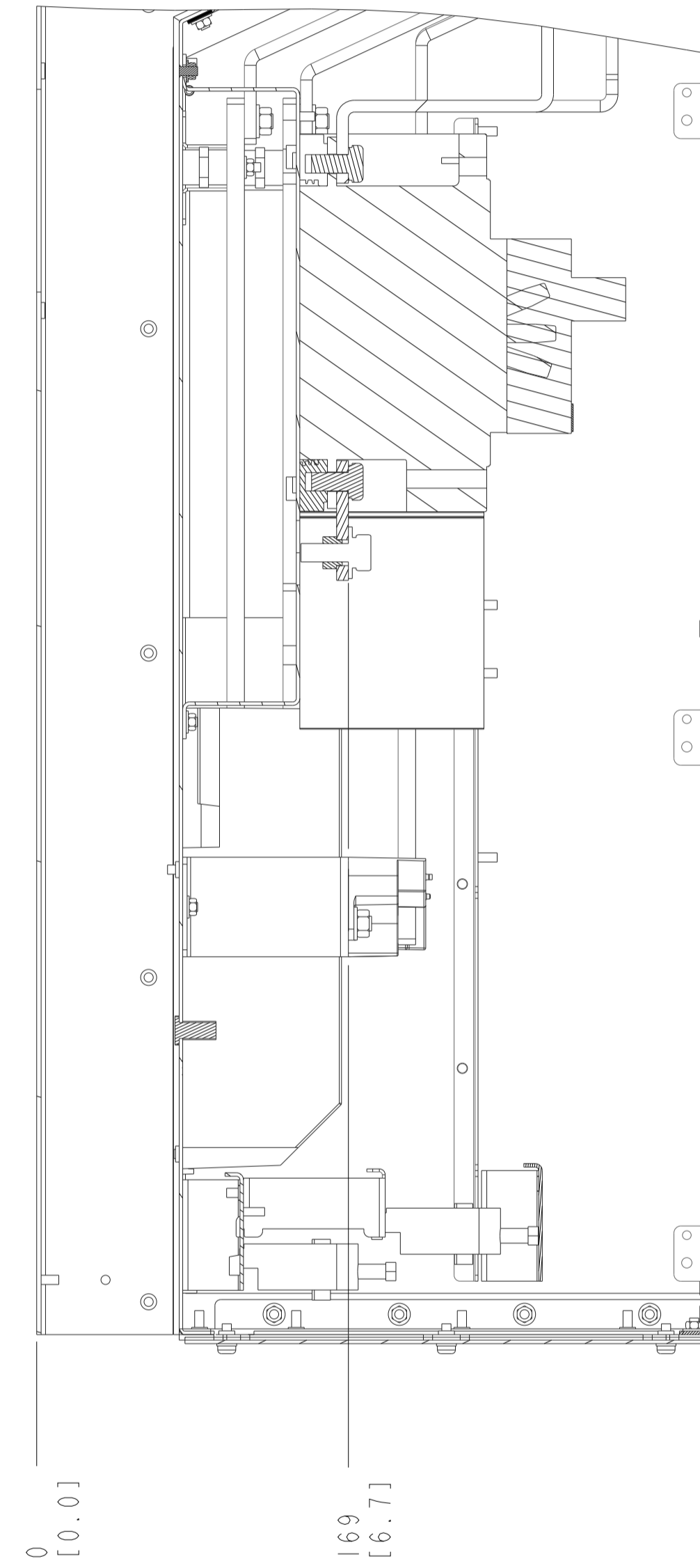
NOTES:

1. REFER TO SHEET 2 FOR BRAKE AND MOTOR TERMINAL DETAILS

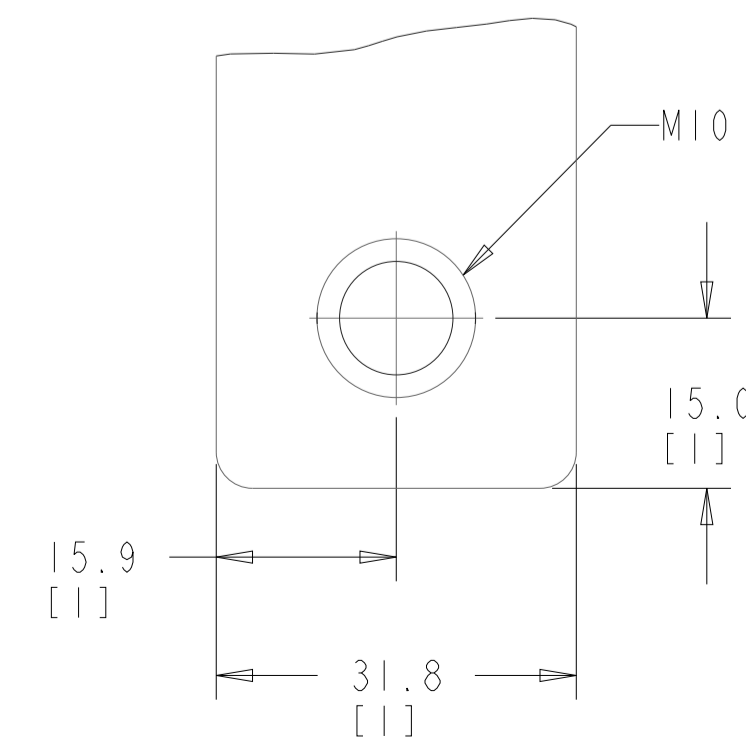
# CIRCUIT BREAKER



## SECTION A-A MAINS TERMINALS



## MAINS TERMINAL SCALE 1.500



NOTES:  
1. REFER SHEET 2 FOR BRAKE AND MOTOR  
TERMINAL DETAILS

THE TABLES BELOW ARE USED TO DETERMINE THE FRAME SIZE FOR A GIVEN POWER AND VOLTAGE RATING, WITH A CIRCUIT BREAKER, CONTACTOR OR CONTACTOR+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 D6H FRAMES,

THE TABLE BELOW CAN BE USED TO DETERMINE THE FRAME SIZE IF THE SPECIFIC MODEL/TYPE CODE WITH A CIRCUIT BREAKER, CONTACTOR OR CONTACTOR+DISCONNECT.

KW RATED DRIVES					
<b>KW HIGH OVERLOAD</b>	75	90	110	132	160
<b>KW NORMAL OVERLOAD</b>	90	110	132	160	200
400V		D6H	D6H	D6H	
500V			D6H	D6H	D6H
525V	D6H	D6H	D6H	D6H	
690V		D6H	D6H	D6H	

HORSEPOWER RATED DRIVES				
<b>HP HIGH OVERLOAD</b>	100	125	150	200
<b>HP NORMAL OVERLOAD</b>	125	150	200	250
460V		D6H	D6H	D6H
575V	D6H	D6H	D6H	

PLATFORM	VOLTAGE	MODEL/TYPECODE	FRAME(IP21/IP54)
HVAC	T4	FC-102N110T4	D6H
		FC-102N132T4	
		FC-102N160T4	
	T7	FC-102N110T7	
		FC-102N132T7	
		FC-102N160T7	
AQUA	T4	FC-202N110T4	
		FC-202N132T4	
		FC-202N160T4	
	T7	FC-202N110T7	
		FC-202N132T7	
		FC-202N160T7	
AUTOMATION	T5	FC-302N90KT5	
		FC-302N110T5	
		FC-302N132T5	
	T7	FC-302N90KT7	
		FC-302N110T7	
		FC-302N132T7	