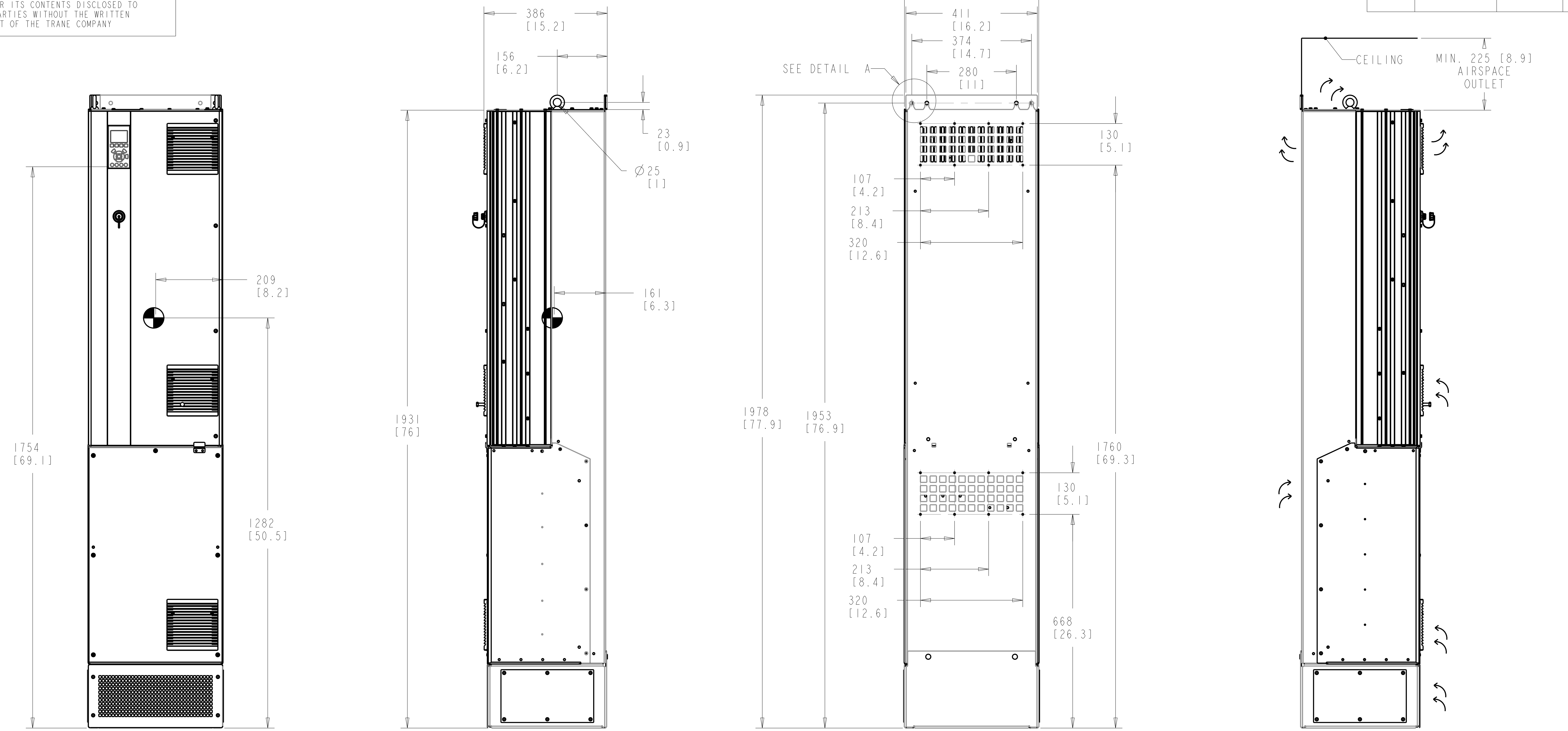
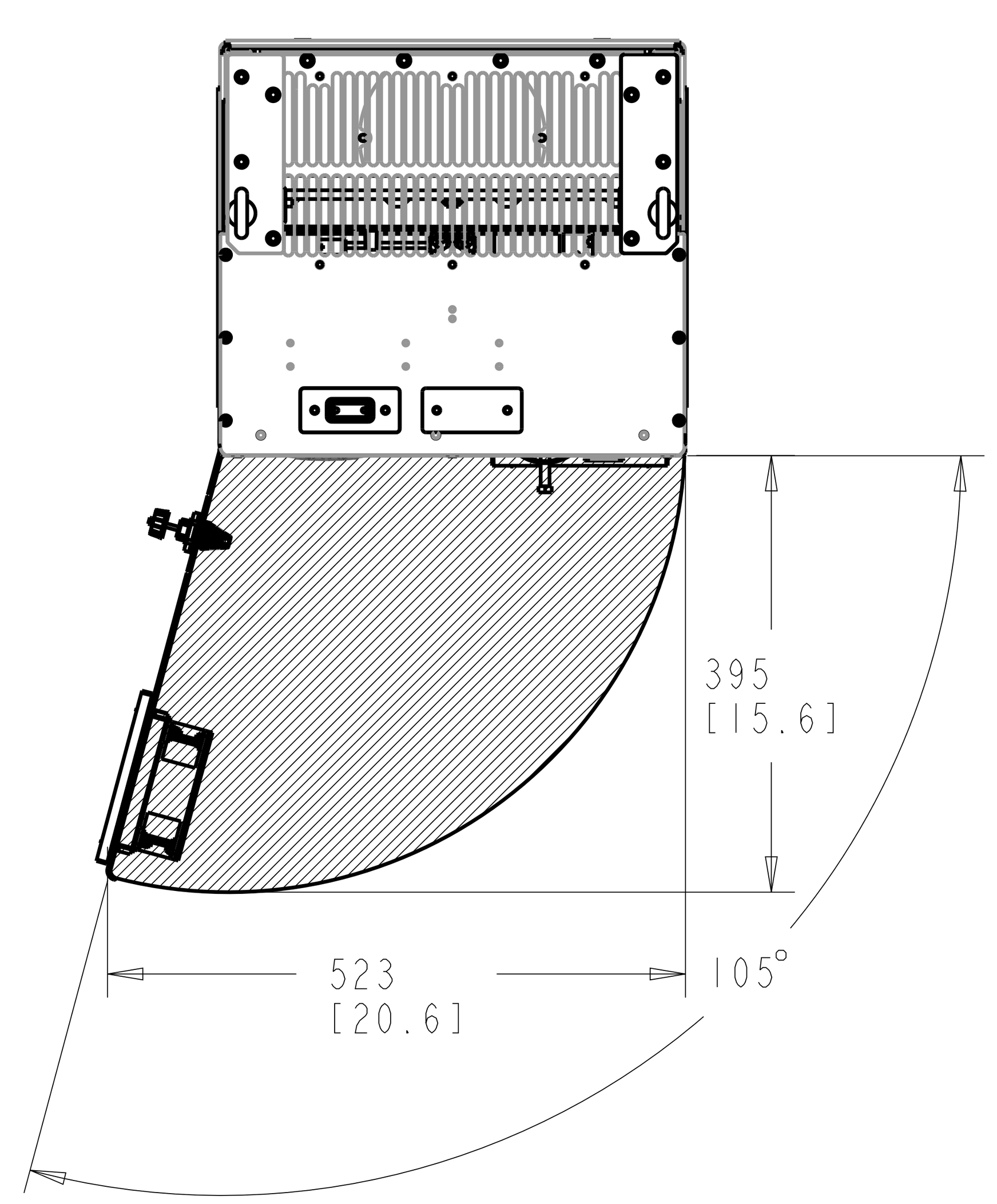
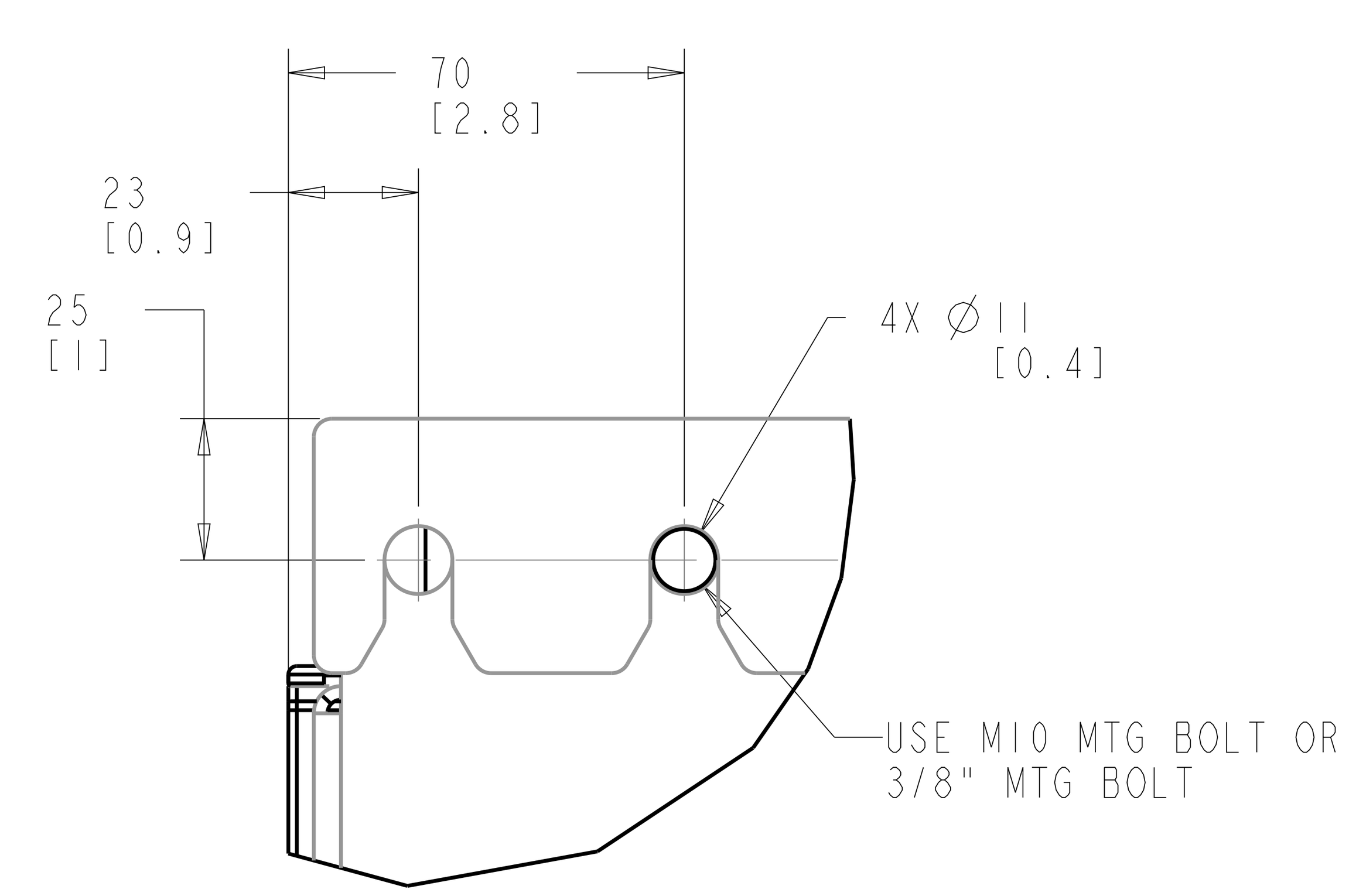
- NOTICE -

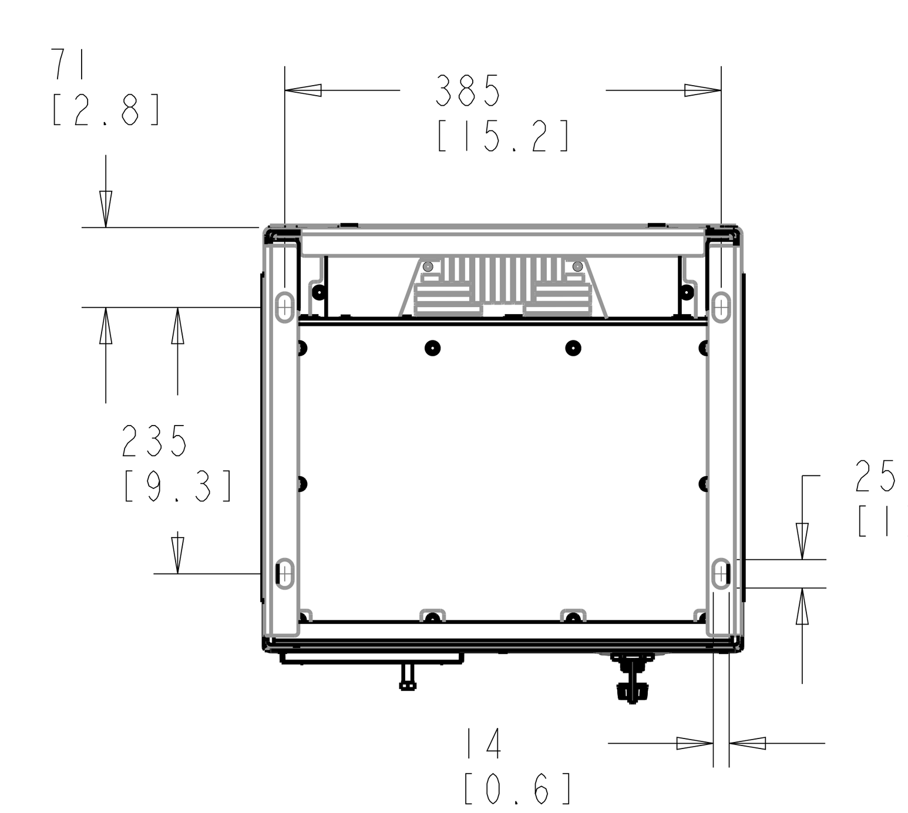
THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF THE TRANE COMPANY







DETAIL A
TOP MOUNTING HOLES



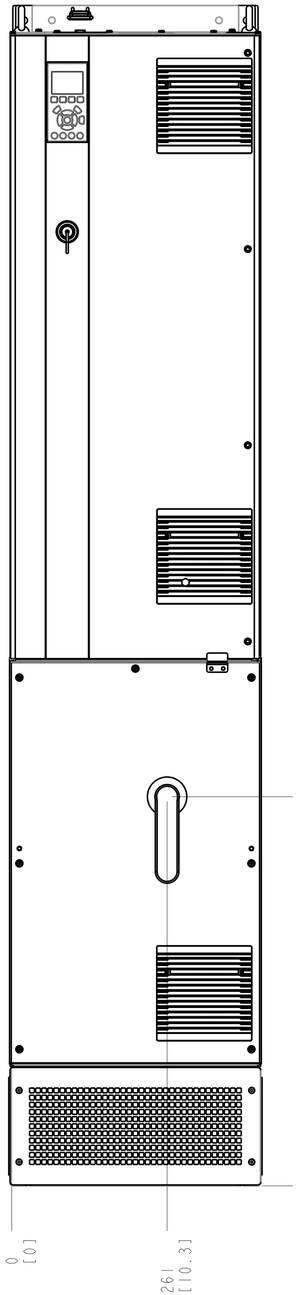
BOTTOM MOUNTING HOLES

1. MAX AIRFLOW (BACKCHANNEL) - 14 M^3 / MIN (500 CFM)
2. MAX AIRFLOW (CABINET) - 3.4 M^3 / 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.

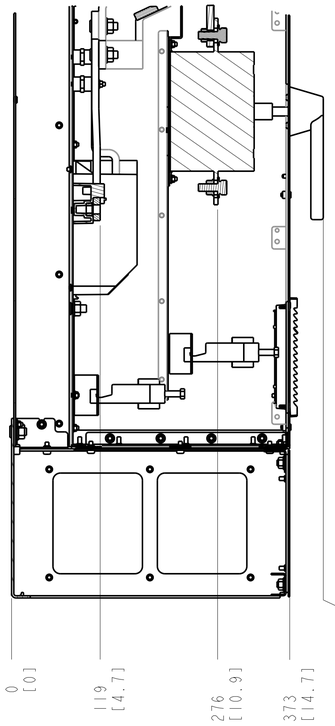
NOTE:
REFER SHEET 2 & 3 FOR EXTENDED OPTION CABINET BUSBAR CONNECTION POINT.
REFER SHEET 4 FOR WIRING KIT OPTION BUSBAR CONNECTION POINT.

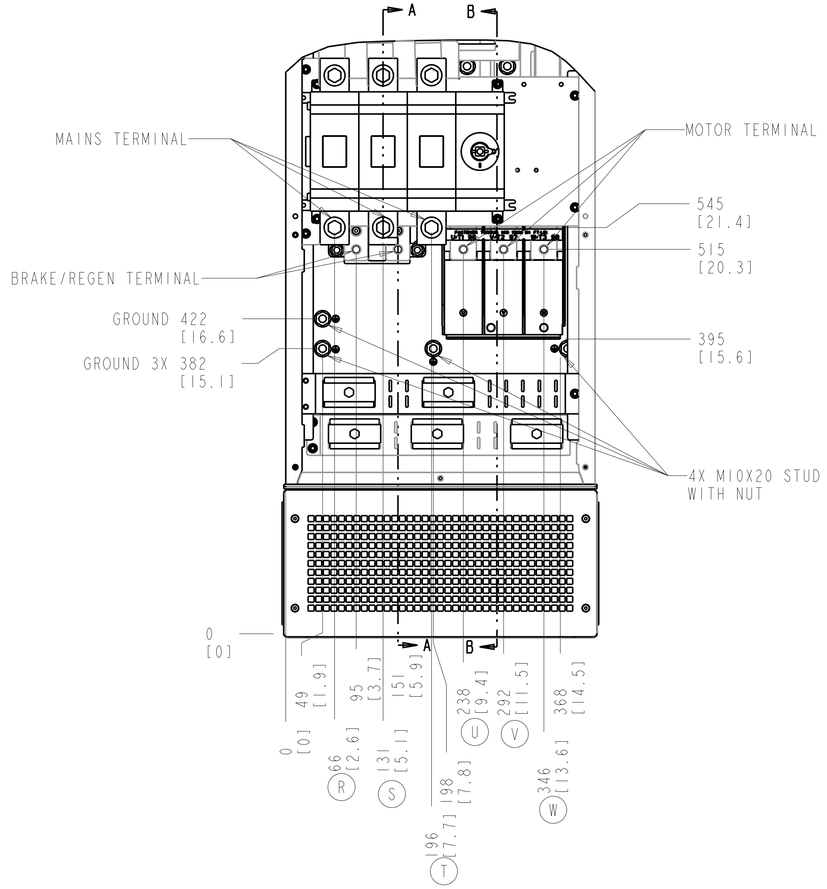
UNLESS OTHERWISE SPECIFIED	PROPERTIES			THE TRANE COMPANY
INTERPRET DIM.AND TOL.PER ASME Y14.5M-1994	MATERIAL			
.X±0.4 .XX±0.20 ∠±0.5	FINISH			
DIM.ARE IN MILLIMETERS	THICKNESS			
WEIGHTS ARE IN KILOGRAMS	EST.WEIGHT	185.00		
THIRD ANGLE PROJECTION	APPROVALS	INITIALS	DATE	TITLE: INSTALLATION DRAWING, D7H, TRANE
	DRAWN	KD	11/04/13	
	CHECKED	Craig Netemeyer	Digitally signed by Craig Netemeyer DN: cn=Craig Netemeyer, o=R&D-Mechanics, ou=PE-RDM/US, email=craig.netemeyer@danfoss.com, c=US Date: 2013.11.05 14:53:25 -06'00'	SIZE: D; MODEL: P454-1087; REV: 001
	ENGR	Jeff Zintl	Digitally signed by Jeff Zintl DN: cn=Jeff Zintl, o=R&D Project Office North America, ou=PE-RDP/US, email=jzintl@danfoss.com, c=US Date: 2013.11.06 11:54:44 -06'00'	SCALE: 0.150; DRAWING NO.: 177R0569; SHEET: 1 OF 6

DISCONNECT ONLY

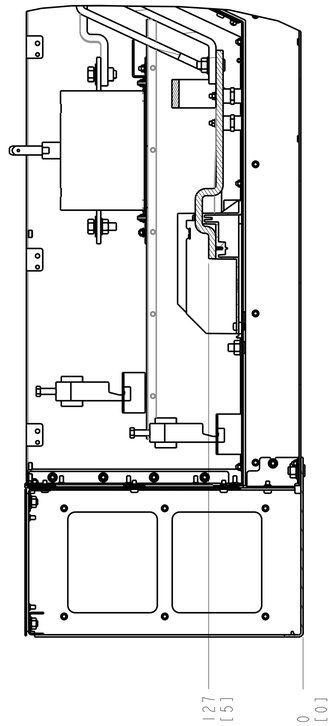


SECTION A-A
MAINS TERMINALS
BRAKE/REGEN TEMINALS

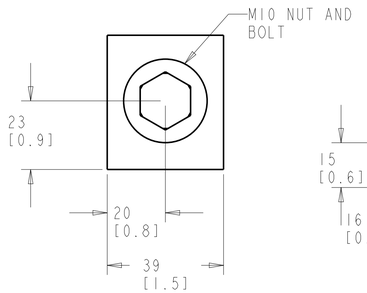




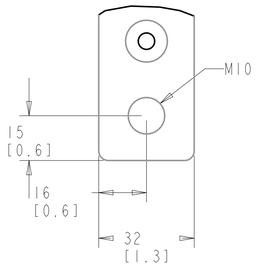
SECTION B-B
MOTOR TERMINALS



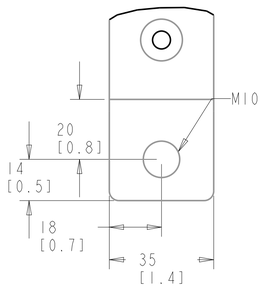
MAINS TERMINAL

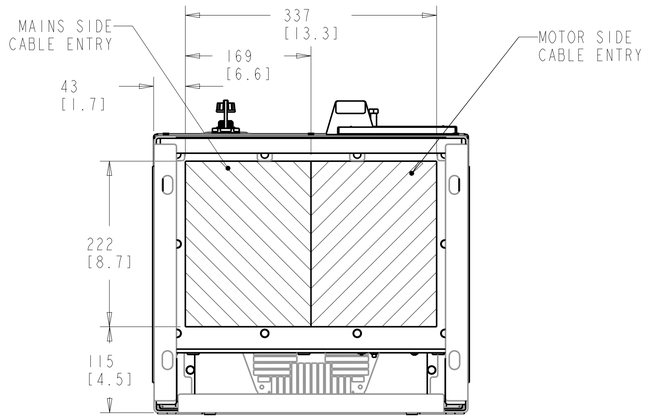


BRAKE/REGEN TERMINAL



MOTOR TERMINAL





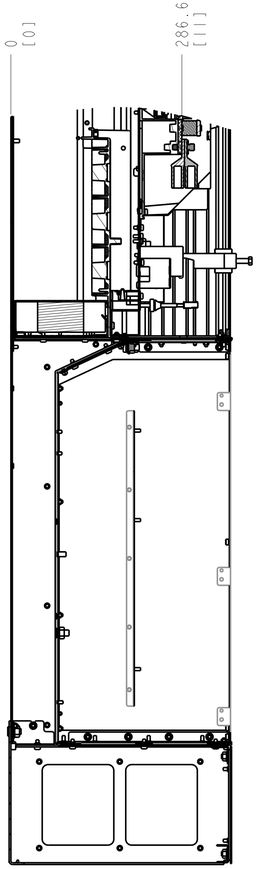
NOTES:

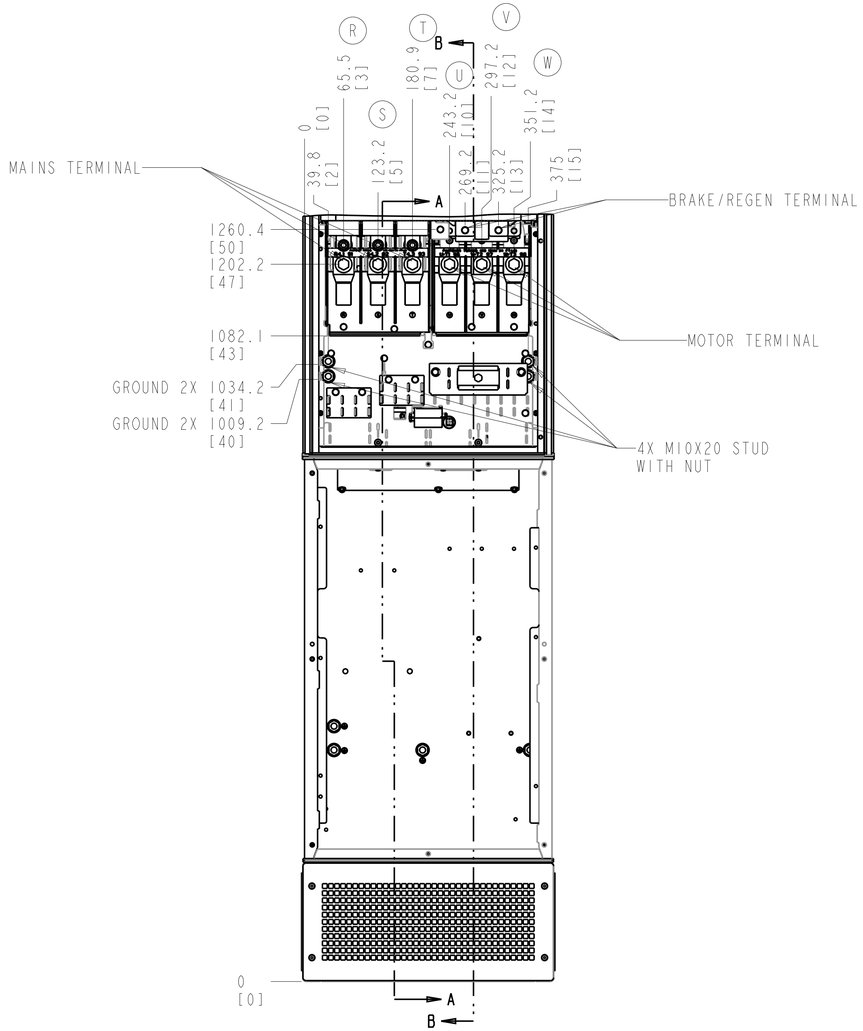
1. PLACE CABLES THROUGH MARKED AREAS
2. 185MM² (400 MCM) MAX WIRE SIZE

TITLE: INSTALLATION DRAWING, D7H, TRANE		
SIZE: D	MODEL: P454-1087	REV: 001
SCALE: 0.250	DRAWING NO.: 177R0569	SHEET: 2 OF 6

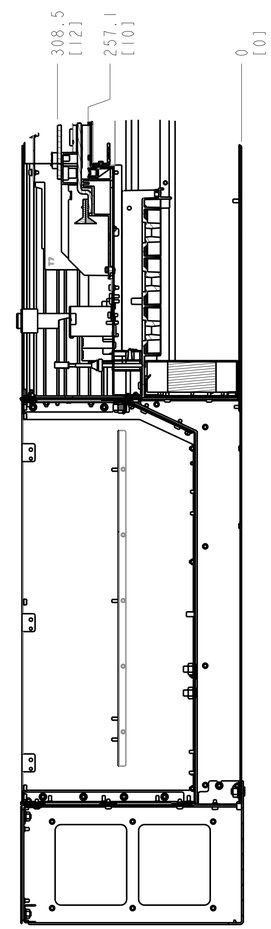
BRAKE ONLY

SECTION A-A
MAINS TERMINALS

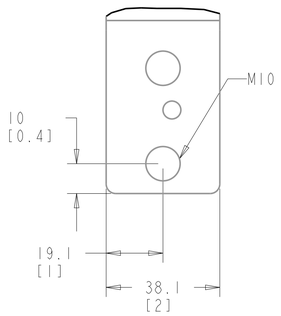




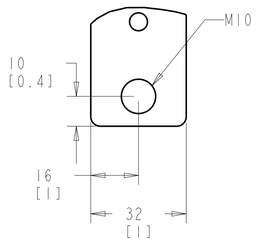
SECTION B-B
MOTOR TERMINALS
BRAKE/REGEN TERMINALS



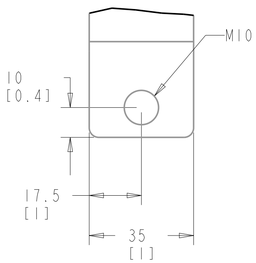
MAINS TERMINAL



BRAKE/REGEN TERMINAL



MOTOR TERMINAL

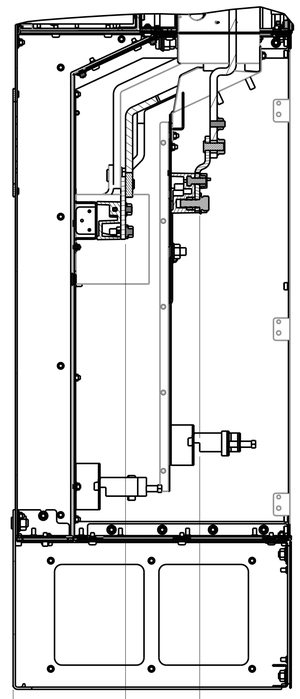


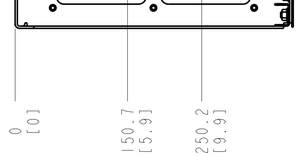
NOTES:

1. 185MM² (400 MCM) MAX WIRE SIZE

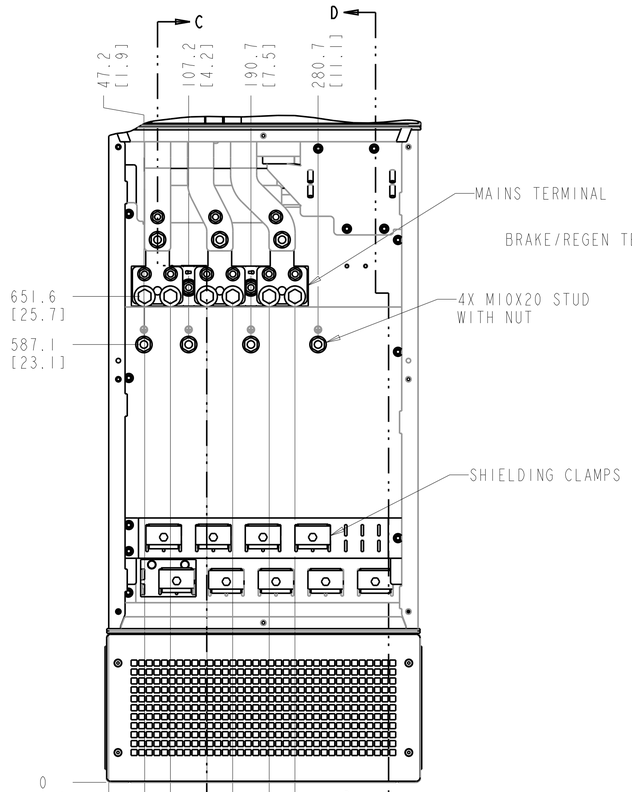
TITLE: INSTALLATION DRAWING, D7H, TRANE		
SIZE: D	MODEL: P454-1087	REV: 001
SCALE: 0.200	DRAWING NO.: 177R0569	SHEET: 3 OF 6

SECTION C-C
MAINS TERMINAL
BRAKE TERMINAL

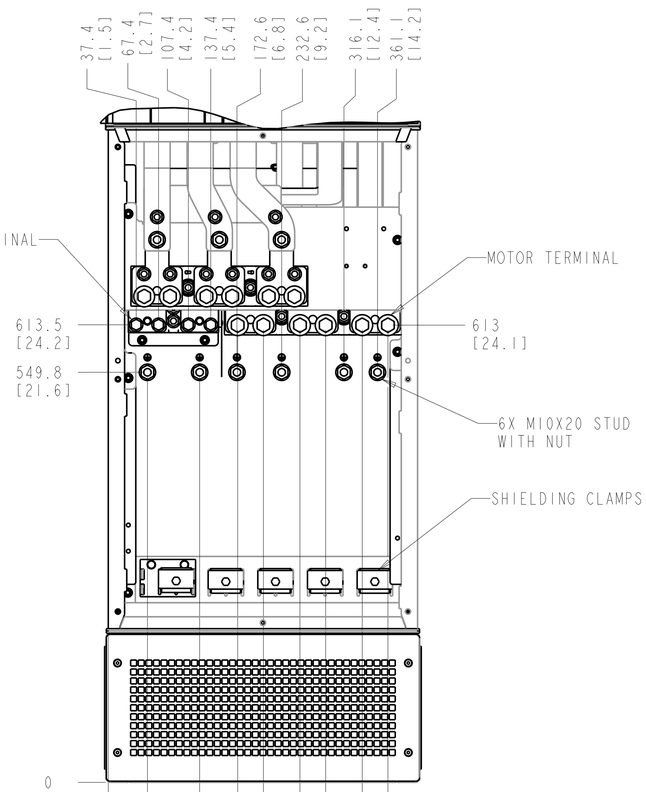




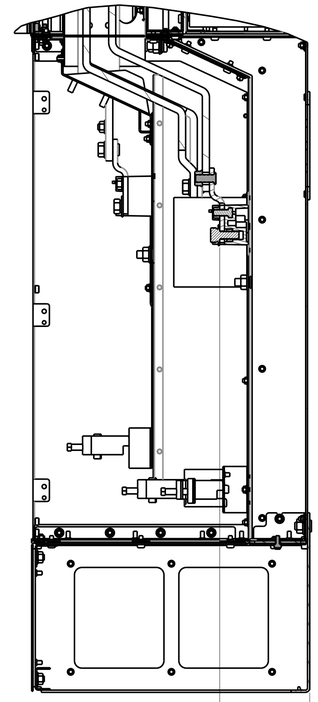
MAINS TERMINAL



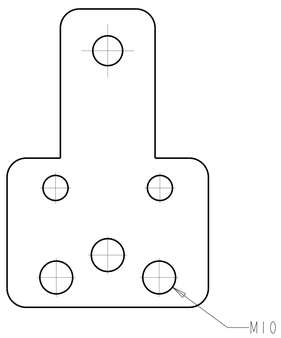
MOTOR TERMINAL
BRAKE TERMINAL



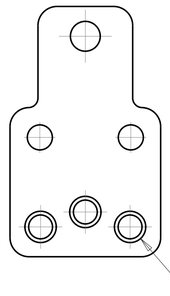
SECTION D-D
MOTOR TERMINAL

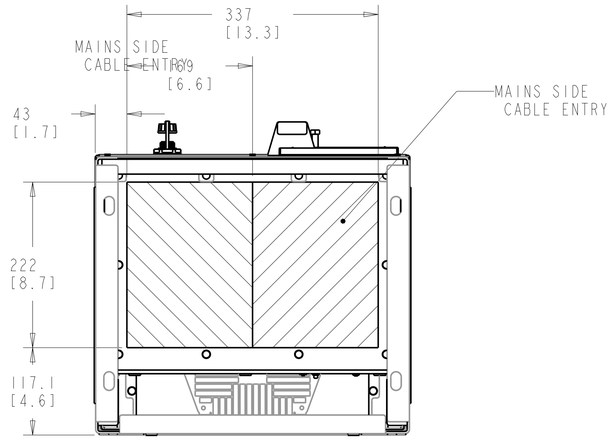


MAINS TERMINAL
MOTOR TERMINAL



BRAKE/REGEN TERMINAL



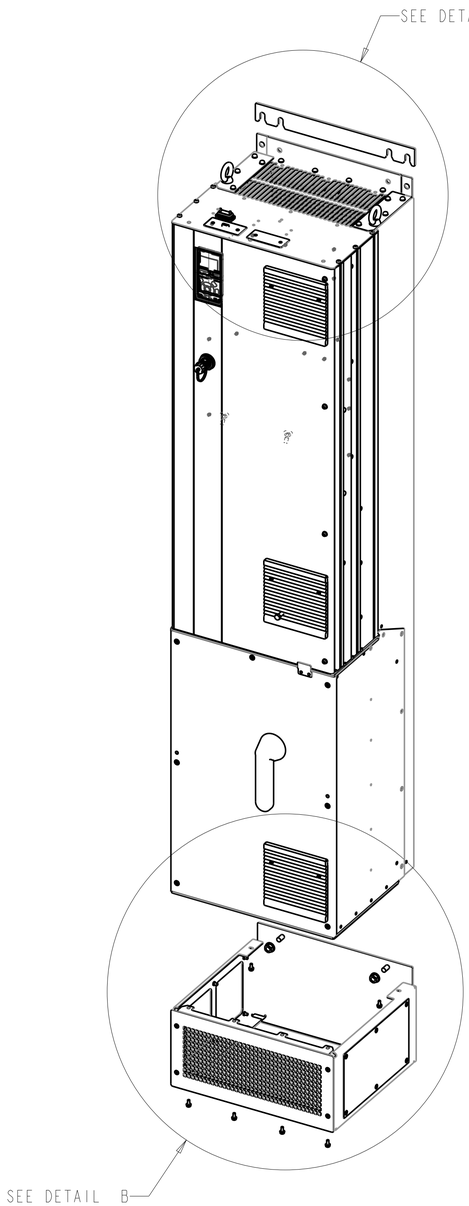


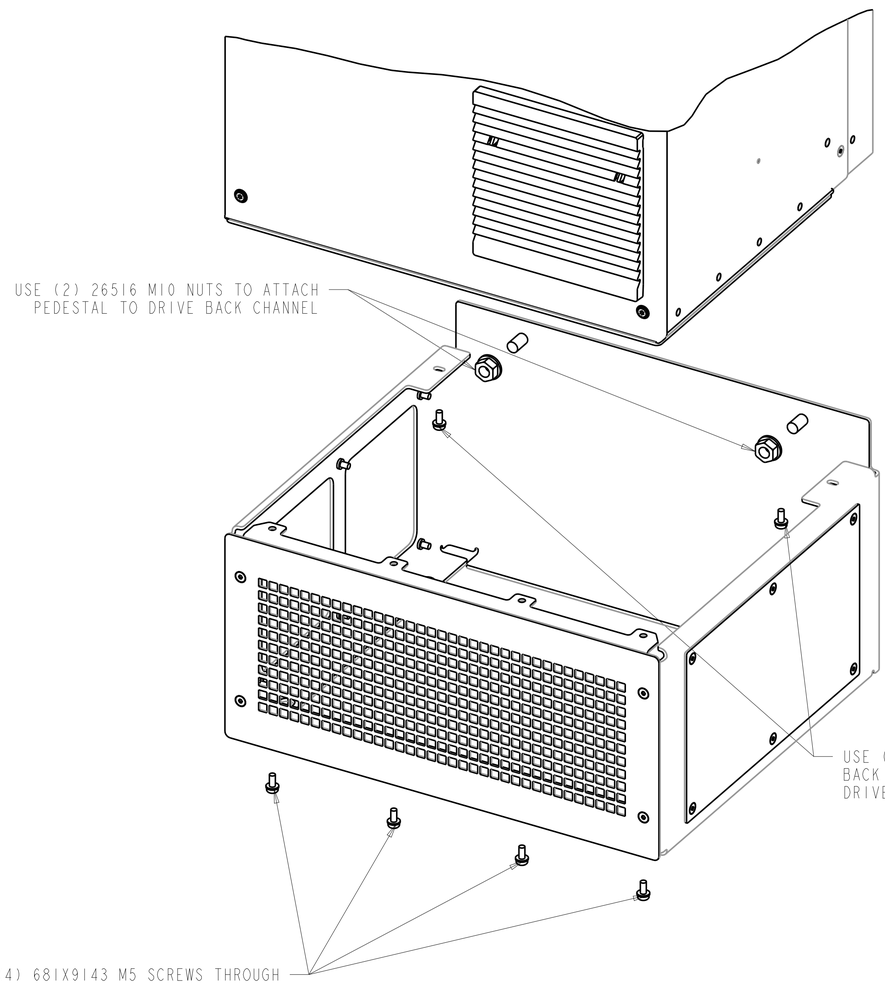
NOTES:

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.

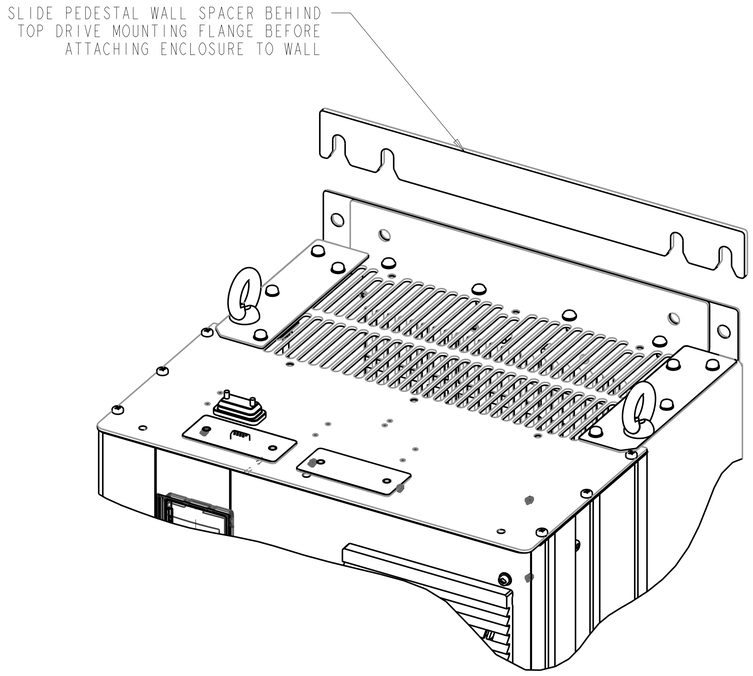
TITLE: INSTALLATION DRAWING, D7H, TRANE		
SIZE: D	MODEL: P454-1087	REV: 001
SCALE: 0.250	DRAWING NO.: 177R0569	SHEET: 4 OF 6

PEDESTAL INSTALLATION





DETAIL B
SCALE 0.400



DETAIL C
SCALE 0.400

NOTES:

1) GLAND PLATE MUST BE INSTALLED BEFORE PEDESTAL

2) SEE PAGE 1 FOR FLOOR MOUNTING DIMENSIONS

TITLE: INSTALLATION DRAWING, D7H, TRANE		
SIZE: D	MODEL: P454-1087	REV: 001
SCALE: 0.150	DRAWING NO.: 177R0569	SHEET: 5 OF 6

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,

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

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

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.

PLATFORM	VOLTAGE	MODEL/TYPECODE	FRAME(IP21/IP54)
HVAC	T4	TR-200N200T4	D7H
		TR-200N250T4	
		TR-200N315T4	
	T7	TR-200N200T7	
		TR-200N250T7	
		TR-200N315T7	
		TR-200N400T7	

TITLE: INSTALLATION DRAWING, D7H, TRANE

SIZE	MODEL	REV
D	P454-1087	001
SCALE	DRAWING NO.	SHEET
0.150	177R0569	6 OF 6