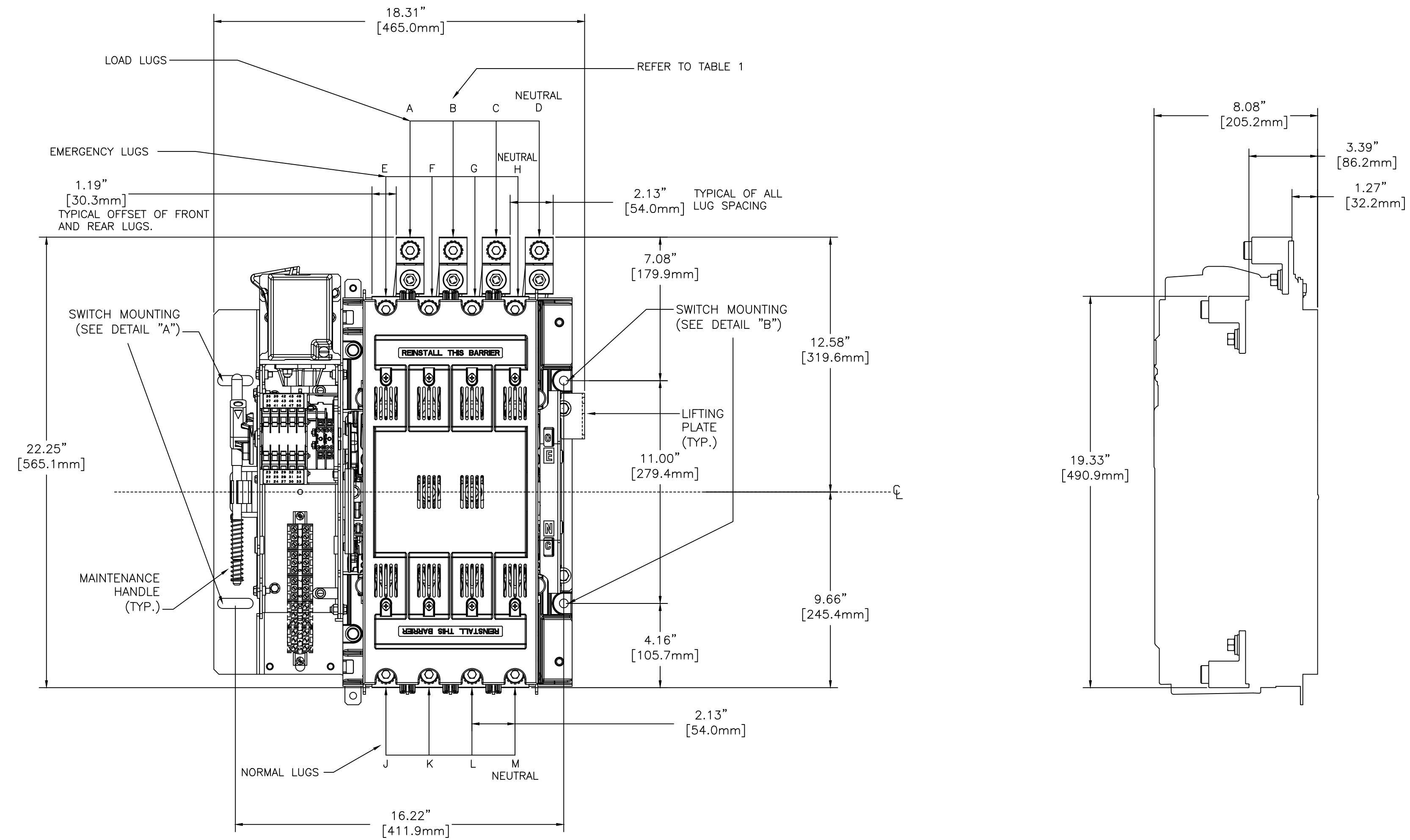


OUTLINE FOR ASCO® 300 SERIES 260-400 AMPERE "J" FRAME (J3ATS,J3NTS) FRONT CONNECTED TRANSFER SWITCHES OPEN TYPE

FRONT VIEW

SIDE VIEW



260-400 AMP ATS/NTS

SWITCH MOUNTING DETAIL

DETAIL "A"

DETAIL "B"

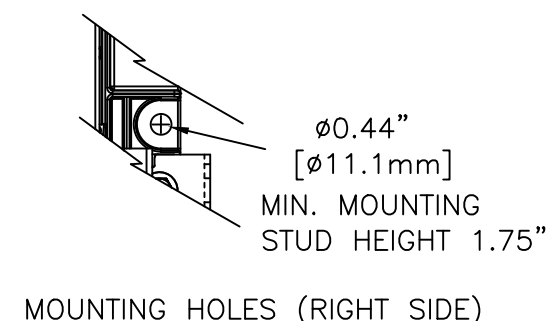
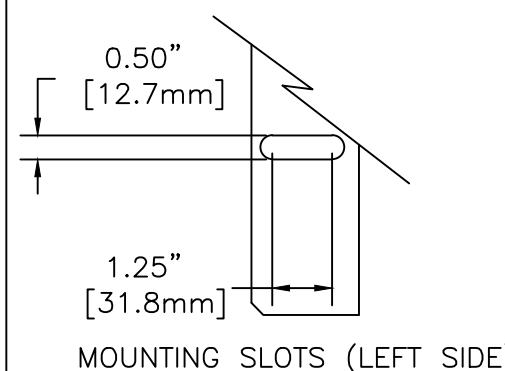


TABLE 1: POLE LOCATIONS

POLES	A	B	C	D	E	F	G	H	J	K	L	M
2	LL1		LL2		EL1		EL2		NL1		NL2	
B2	LL1	LL0	LL2		EL1	ELO	EL2		NL1	NL0	NL2	
3	LA	LB	LC		EA	EB	EC		NA	NB	NC	
B3	LA	LB	LC	LN	EA	EB	EC	EN	NA	NB	NC	NN
4	LA	LB	LC	LN	EA	EB	EC	EN	NA	NB	NC	NN

150-400A UNITS APPROX. SHIPPING WEIGHT, LBS (KG)

SWITCH TYPE	POLES	WEIGHTS LB (KG)
ATS / NTS	2	68 (31)
ATS / NTS	3 OR B2	74 (31)
ATS / NTS	4 OR B3	80 (36)

B	269555	TR	BK	11/29/17
	SEE ECN			
A	265710	TR	BK	03/22/17
	SEE ECN			
	264826	JPB	JPB	12/23/16
	ISSUE			

PROJECT NAME: COMPOSITE OUTLINE  
 300 SERIES ATS/NTS "J" FRAME  
 260-400A OPEN TYPE

MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055.

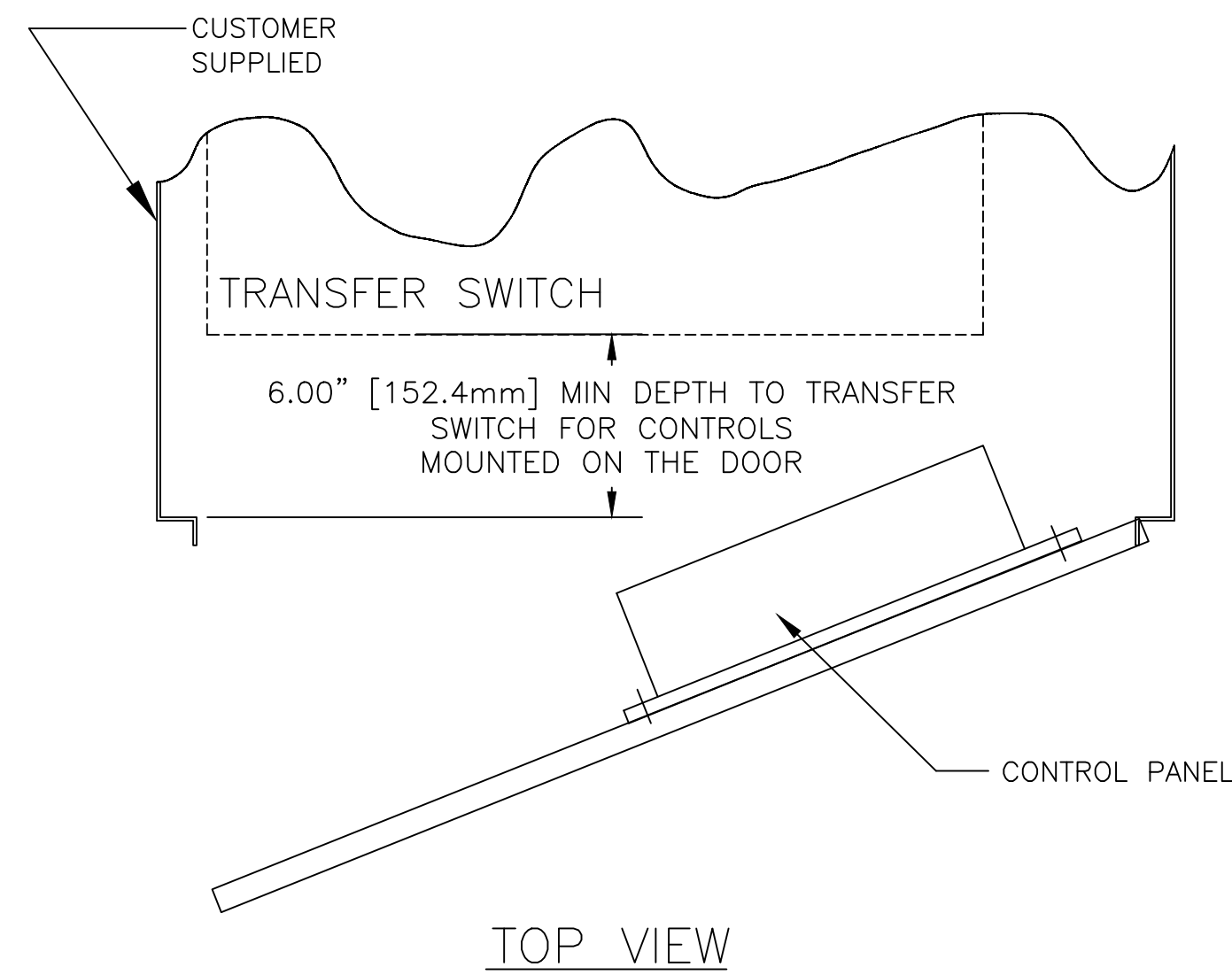
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ASCO® ASCO POWER TECHNOLOGIES, L.P.  
 FLORHAM PARK, NEW JERSEY 07932 U.S.A.

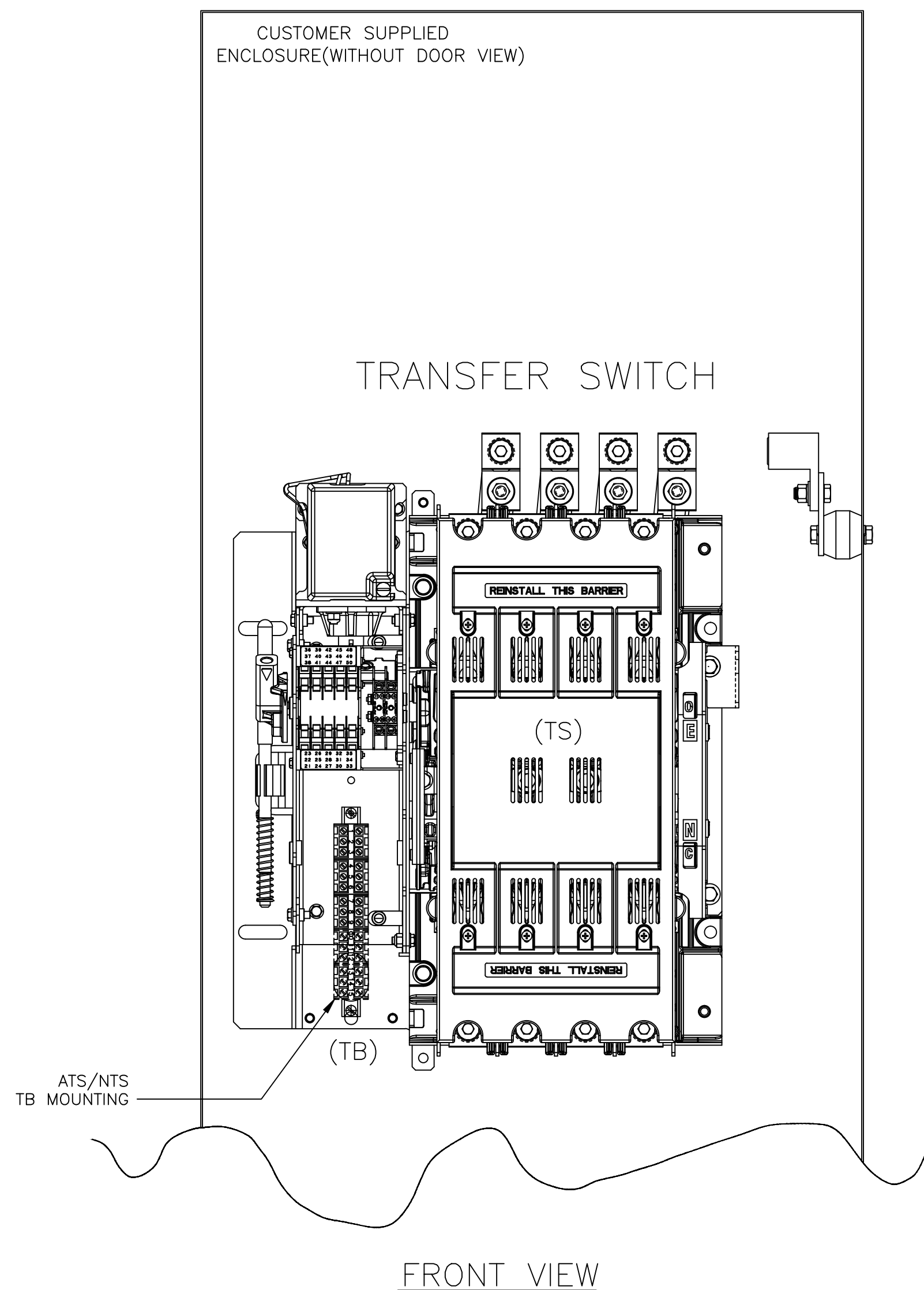
SCALE: NONE SIZE DS  
 COMPUTER GENERATED DRAWING  
 DWG. NO. 1001393-012  
 DRAWING B REV. ECN NO. 269555 SHEET 1 OF 3

# OUTLINE FOR ASCO® 300 SERIES 260-400 AMPERE "J" FRAME (J3ATS,J3NTS) FRONT CONNECTED TRANSFER SWITCHES OPEN TYPE

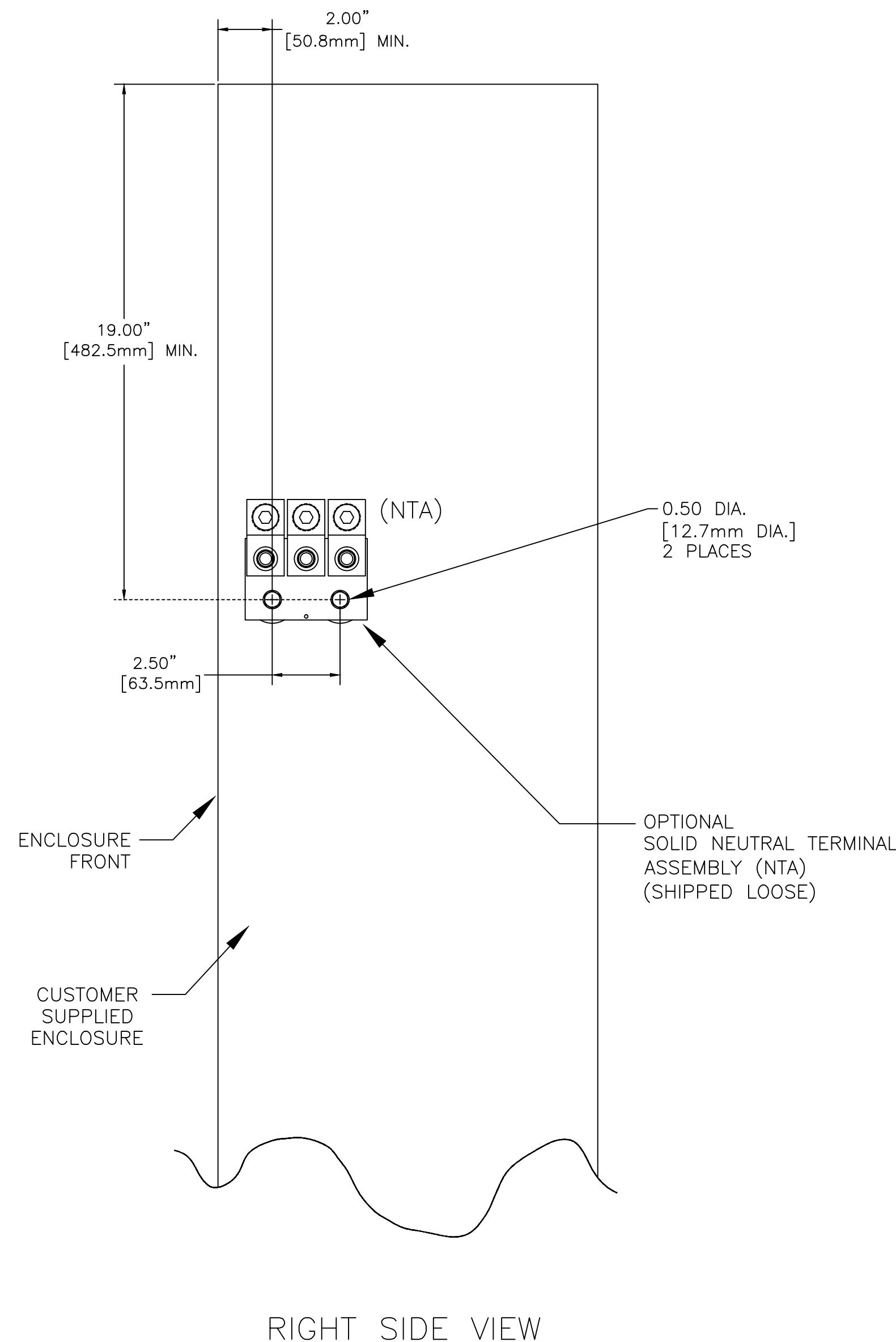
## MOUNTING OF FIELD TERMINAL BLOCK ASSEMBLY (TB) AND SOLID NEUTRAL TERMINAL ASSEMBLY (NTA) (REFER TO NOTE 10)



TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW

### GENERAL NOTES

1. THE STANDARD SWITCH CONFIGURATION IS FOR TOP (LOAD & EMERGENCY) AND BOTTOM (NORMAL).
2. NEUTRAL CONFIGURATIONS:  
AN OPTIONAL FULL RATED NEUTRAL CONFIGURATION FOR EACH SOURCE AND THE LOAD MAY BE PROVIDED. WHEN EQUIPPED IT IS IN ONE OF THE FOLLOWING FORMATS AS SPECIFIED BY THE CATALOG NUMBER NO. NEUTRAL TYPE:  
(A) SOLID NEUTRAL TERMINAL ASSEMBLY (NTA)  
(B) SWITCHED NEUTRAL POLE
3. THE STANDARD MECHANICAL (SCREW TYPE) AL/CU TERMINAL LUGS ARE SHOWN FOR REFERENCE.
4. WHEN INSTALLING CONDUCTORS, CONNECT TO SIMILARLY MARKED PHASES OF NORMAL, EMERGENCY & LOAD.
5. ALL INTERNAL CONNECTIONS ARE MADE AT FACTORY.
6. MAINTAIN ELECTRICAL CLEARANCE OF 1.00" [25.4mm] BETWEEN LIVE METAL PARTS AND GROUNDED METAL.
7. WHEN MOUNTING THE TRANSFER SWITCH IN THE ENCLOSURE, THE CONTROL PANEL(S) AND OPERATOR CONTROLS SHOULD BE MOUNTED ON THE INSIDE, REAR SURFACE OF THE DOOR. 6.00" [152.4mm] MIN. DEPTH TO TRANSFER SWITCH FOR CONTROLS IS REQUIRED.
8. THE CONTROL PANEL(S) IS CONNECTED TO THE TRANSFER SWITCH BY A HARNESS WITH A QUICK DISCONNECT PLUG(S). THE HARNESS EXITS THE TRANSFER SWITCH ON THE RIGHT SIDE. CONSULT FACTORY FOR EXTENSION HARNESSES.
9. FOR TYPE 1 ENCLOSURE SEE DETAIL A -1 AND DETAIL B -1 FOR CUTOUT DATA. FOR TYPE 3R, 4, & 12 ENCLOSURE SEE DETAIL A -2 & DETAIL B -2 FOR CUTOUT DATA. GASKETS AND BEZELS ARE PROVIDED FOR TYPE 3R, 4, & 12 ENCLOSURE.
10. CUSTOMER TERMINAL BLOCKS: FOR ATS AND NTS THE TB WILL BE MOUNTED ON THE TRANSFER SWITCH FRAME AS INDICATED ON THIS PAGE.

SIZE	CABLE ACCOMMODATIONS (PER PHASE & NEUTRAL)
260-400	SCREW TYPE (STANDARD)- (2) 1/0 - 250 MCM AL/CU OR (1) #4 - 600 MCM AL/CU

### CABLING NOTES

1. ALL SIZES SUPPLIED STANDARD WITH MECHANICAL (SCREW TYPE) LUGS. (SEE AMP SIZE BELOW)  
A. LUG MATERIAL: ALUMINUM ALLOY 6061-T6 WITH ELECTRO TIN PLATED FINISH.  
B. SCREW MATERIAL: ALUMINUM ALLOY 6262-T9 WITH ELECTRO TIN PLATED FINISH.  
C. UL LISTED, CSA CERTIFIED.  
D. LUG SCREW TIGHTENING TORQUE PER UL 486B: 19 FT-LBS.

### NOTES 260-400 AMP SWITCHES

1. SUPPLIED WITH STANDARD MECHANICAL (SCREW TYPE) LUGS ON THE NORMAL, EMERGENCY & LOAD BUS STABS. ONE (1) LUG PER PHASE AND SWITCHING NEUTRAL WHEN SUPPLIED, EACH SUITABLE FOR CONNECTION OF TWO (2) 1/0 -250MCM CU/AL CABLES OR ONE (1) #4 -600MCM CU/AL CABLE.
2. OPTIONAL SOLID NEUTRAL TERMINAL ASSEMBLY. (NTA)  
EACH TERMINAL SUITABLE FOR CONNECTION OF TWO (2) 1/0 -250MCM CU/AL CABLES OR ONE (1) #4 -600MCM CU/AL CABLE.

### MINIMUM REQUIRED ENCLOSURE SIZE INCH (mm)

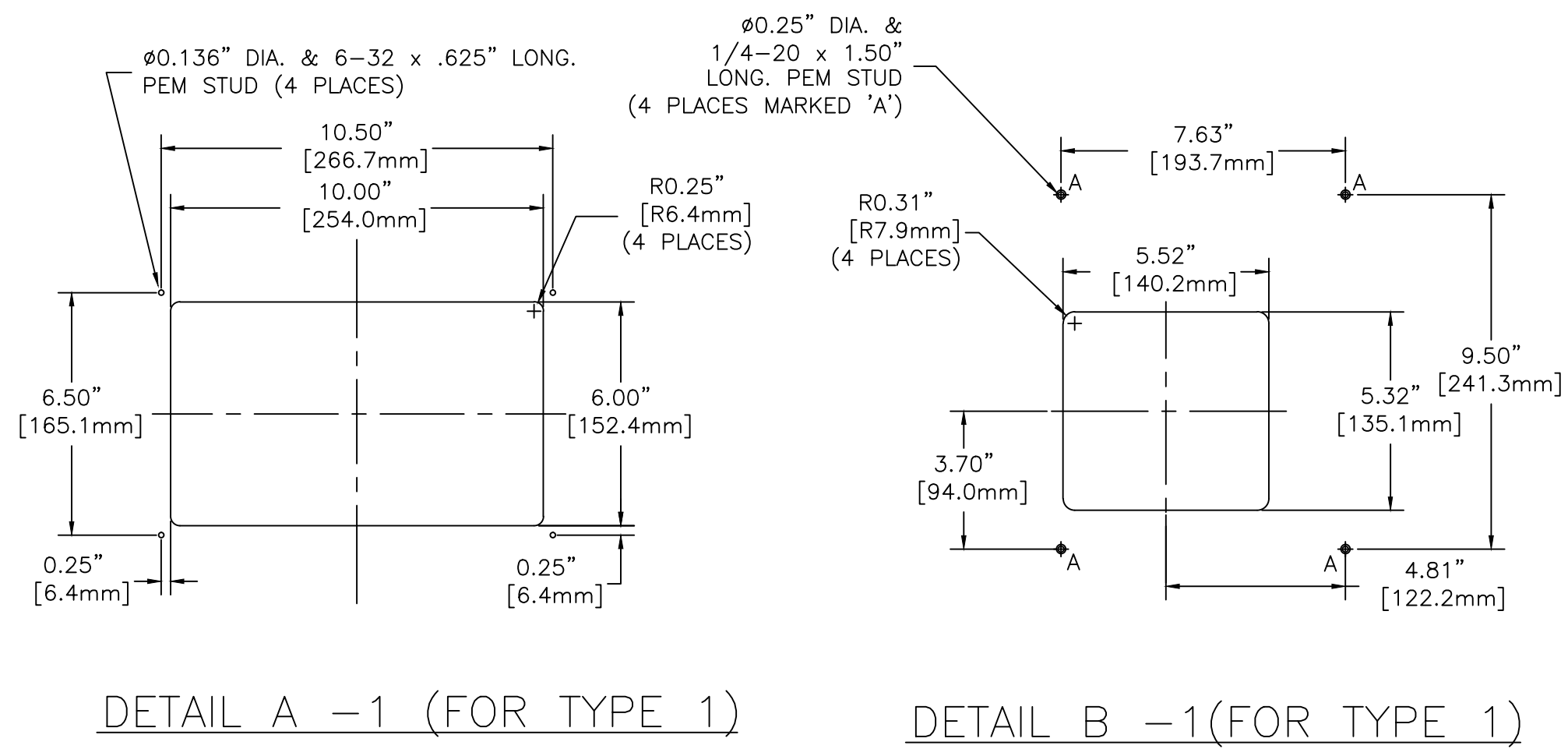
SWITCH RATING (AMPS)	HEIGHT	WIDTH	DEPTH
260-400	56.00" (1422)	24.00" (610mm)	14.00" (356mm)

B	269555	TR	BK	11/29/17
	SEE ECN			
A	265710	TR	BK	03/22/17
	SEE ECN			
-	264826	JPB	JPB	12/23/16
	ISSUE			

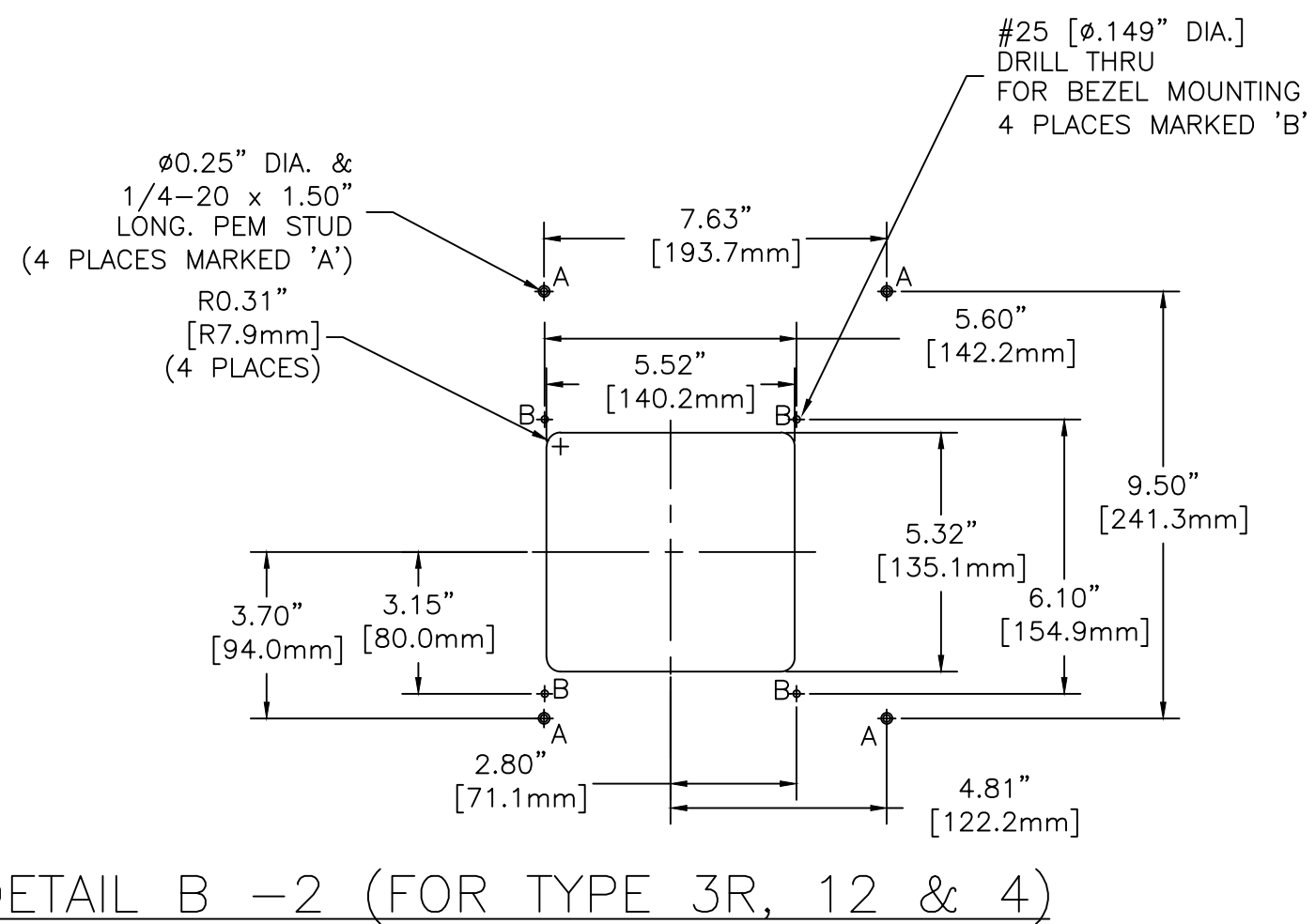
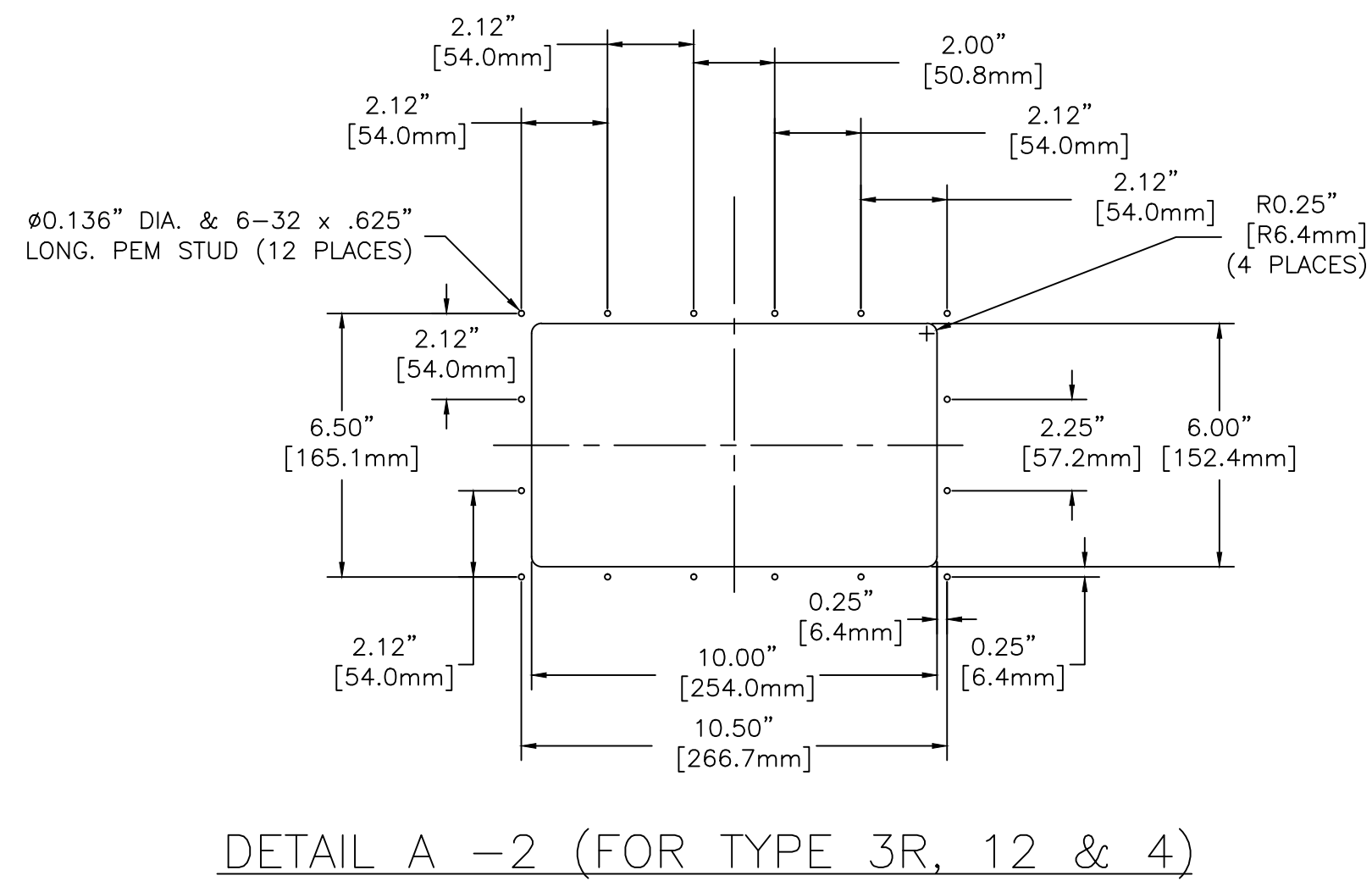
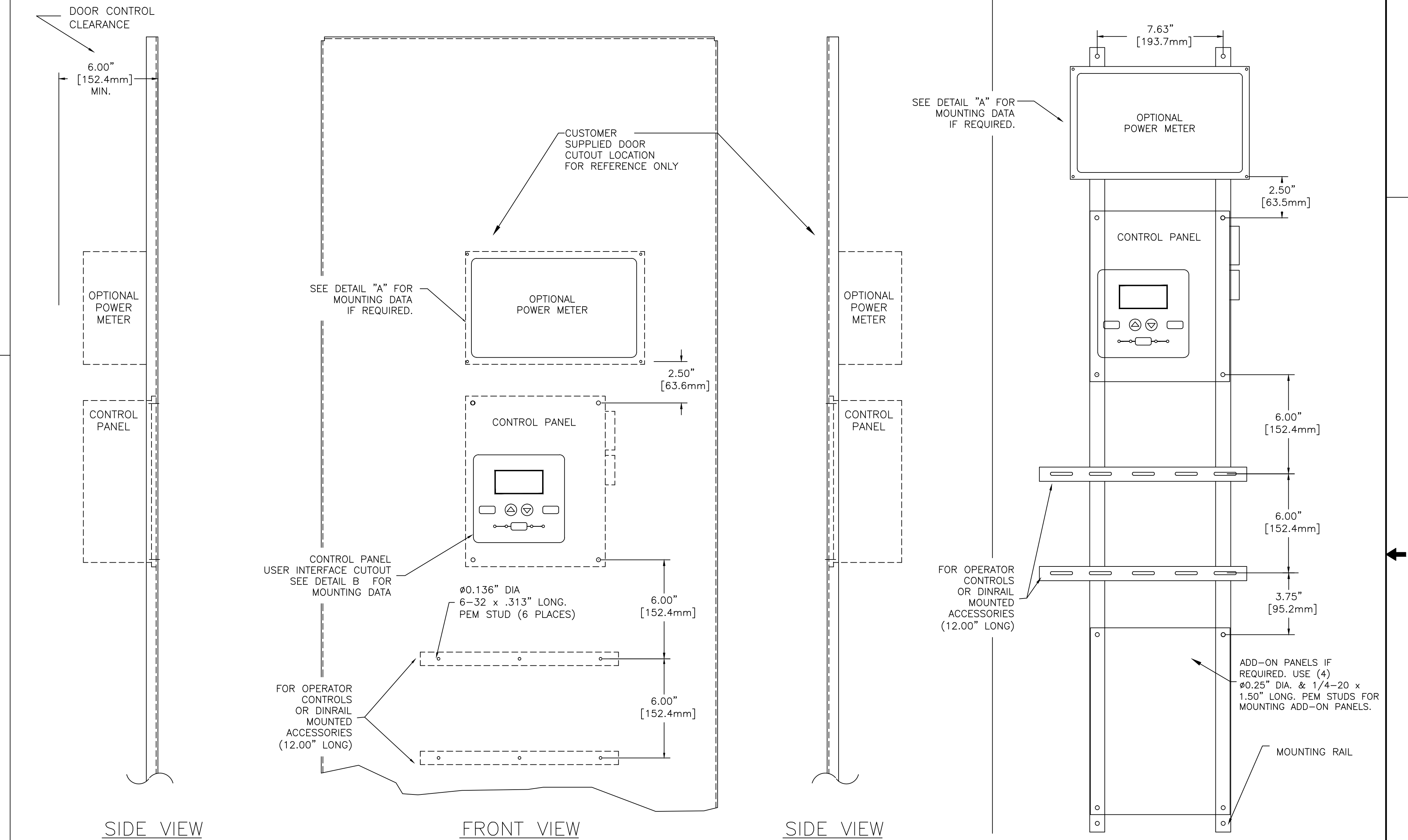
PROJECT NAME:		REV. TO SHEET	ECN NO.	BY	APP.	DATE
COMPOSITE OUTLINE						
300 SERIES ATS/NTS "J" FRAME						
260-400A OPEN TYPE						
BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-055		ASSEM. REF. NO.	COMPUTER GENERATED DRAWING	
DRAWN BY	JPB	12/23/16			SCALE	SIZE DS
CHECKED			PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		DWG. NO.	
PROJECT APPROVAL					1001393-012	
FINAL APPROVAL	JPB	12/23/16			ASCO® ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.	DRAWING B ECN NO. 269555 SHEET 2 OF 3

# OUTLINE FOR ASCO® 300 SERIES 260-400 AMPERE "J" FRAME (J3ATS, J3NTS) FRONT CONNECTED TRANSFER SWITCHES OPEN TYPE

## CONTROL PANEL & CONTROLS MOUNTING DATA



## CONTROL PANEL & CONTROLS MOUNTING



PROJECT NAME:		REV. TO SHEET		ECN NO.	BY	APP.	DATE
COMPOSITE OUTLINE		B		269555	TR	BK	11/29/17
300 SERIES ATS/NTS "J" FRAME		A		265710	TR	BK	03/22/17
260-400A OPEN TYPE		-		264826	JPB	JPB	12/23/16
ISSUE		SCALE		NONE		SIZE DS	
DRAWN BY JPB		DATE 12/23/16		MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-005		ASSEM. REF. NO.	
CHECKED		PROJECT APPROVAL		PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		DRAWING NO.	
FINAL APPROVAL JPB		DATE 12/23/16		ASCO® ASCO POWER TECHNOLOGIES, L.P. FLOHAM PARK, NEW JERSEY 07932 U.S.A.		1001393-012	
DRAWING B		ECN NO. 269555		SHEET 3 OF 3		COMPUTER GENERATED DRAWING	