

D

D

C

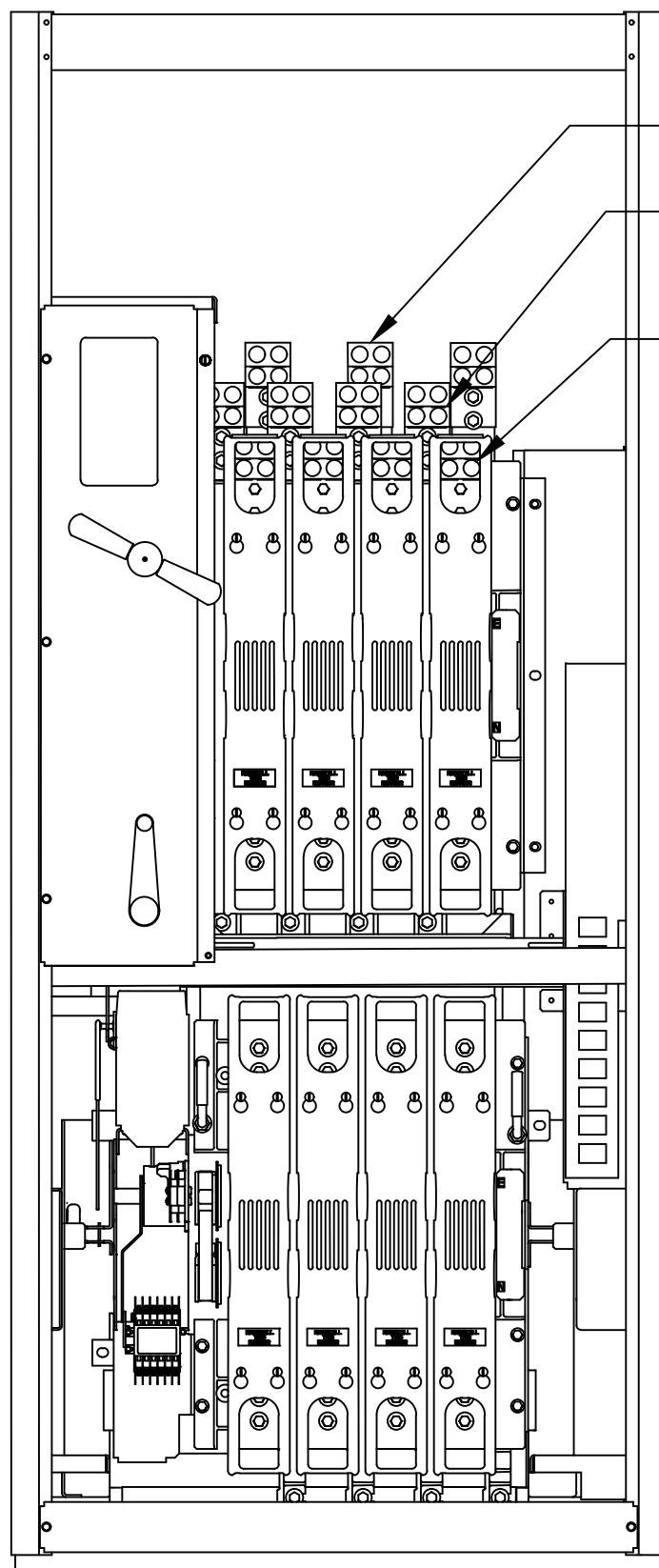
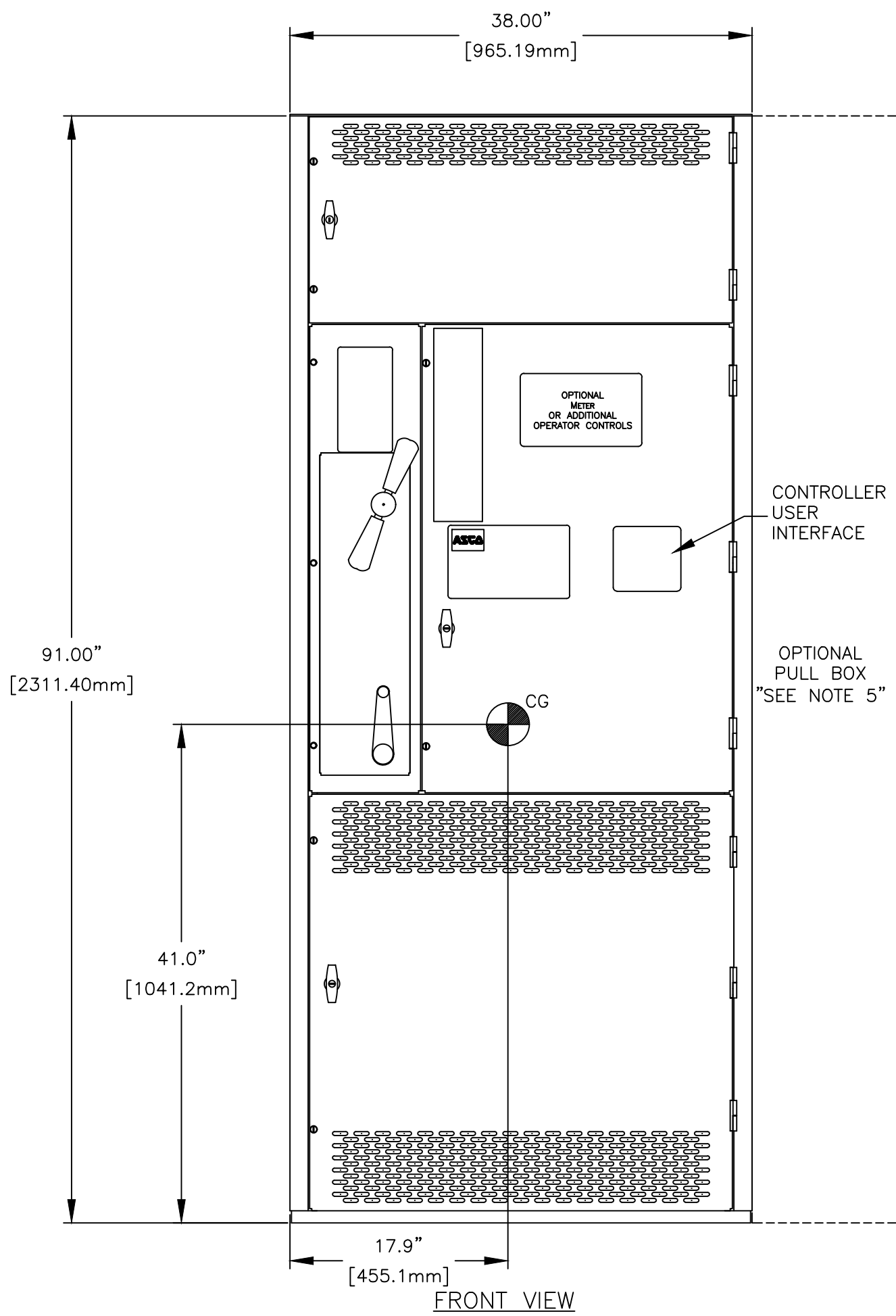
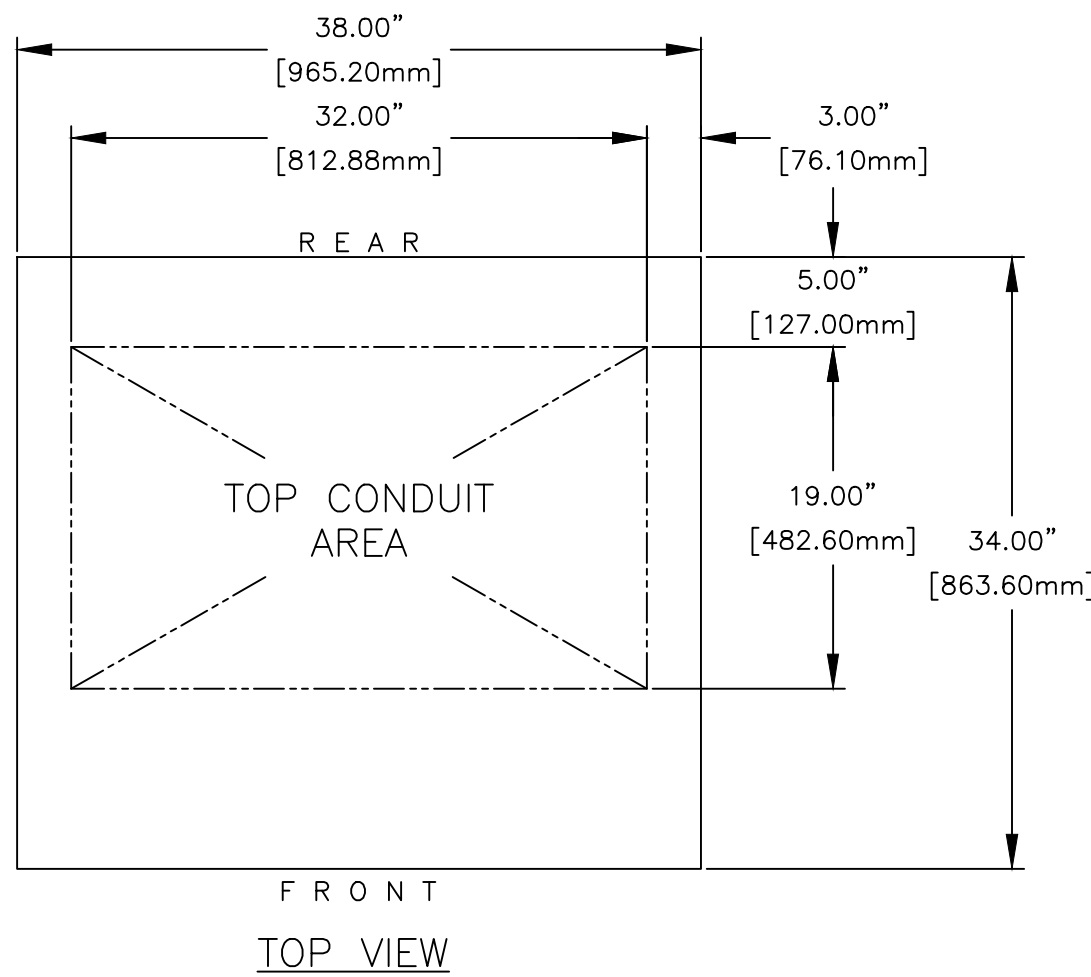
C

B

B

A

A

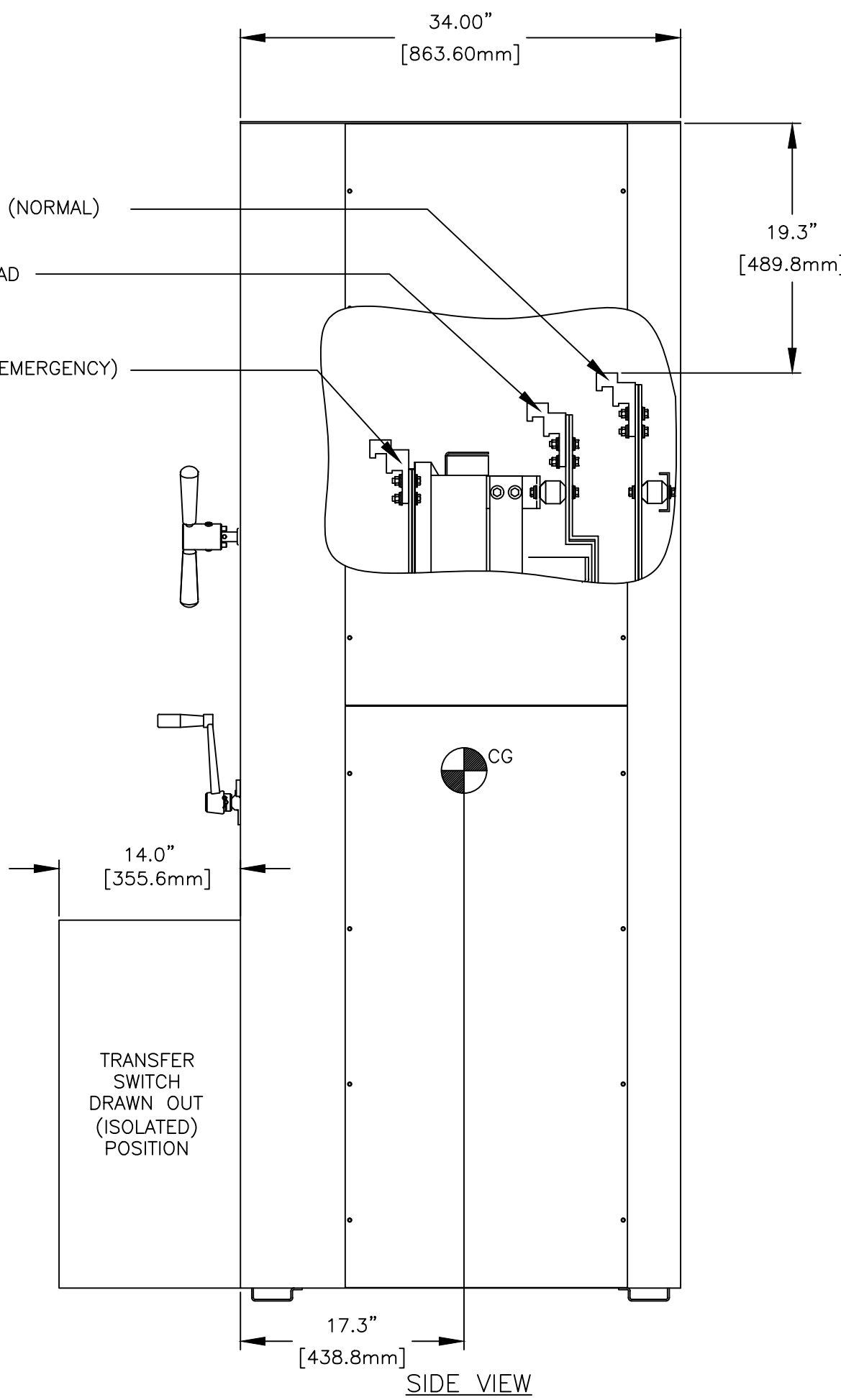


SOURCE 1 (NORMAL)

LOAD

SOURCE 2 (EMERGENCY)

TRANSFER SWITCH DRAWN OUT (ISOLATED) POSITION

FRONT VIEW
WITHOUT COVERS

GENERAL NOTES

- FLOOR MOUNTED ENCLOSURE.
TYPE 1 (C) CONSTRUCTED FROM CODE GAUGE STEEL. IEC 60529 IP20
FINISH: ANSI 61 GRAY POLYESTER SEMI GLOSS ELECTROSTATIC POWDER.
- DOOR EQUIPPED WITH A KEY LOCKING HANDLE
- DESIGNED FOR FRONT ACCESS.
- RECOMMENDED CLEARANCES: FRONT: 40" [1016.00mm] REAR: 5.00" [127mm].
- OPTIONAL RIGHT SIDE PULL BOX AVAILABLE FOR TOP AND BOTTOM CABLE ACCESS WHEN REQUIRED.
PULL BOX MUST BE ORDERED SEPARATELY AND FIELD INSTALLED.
- CENTER OF GRAVITY
- APPROXIMATE SHIPPING WEIGHT: 1700 LB [771 KG].

TRANSFER SWITCHING EQUIPMENT

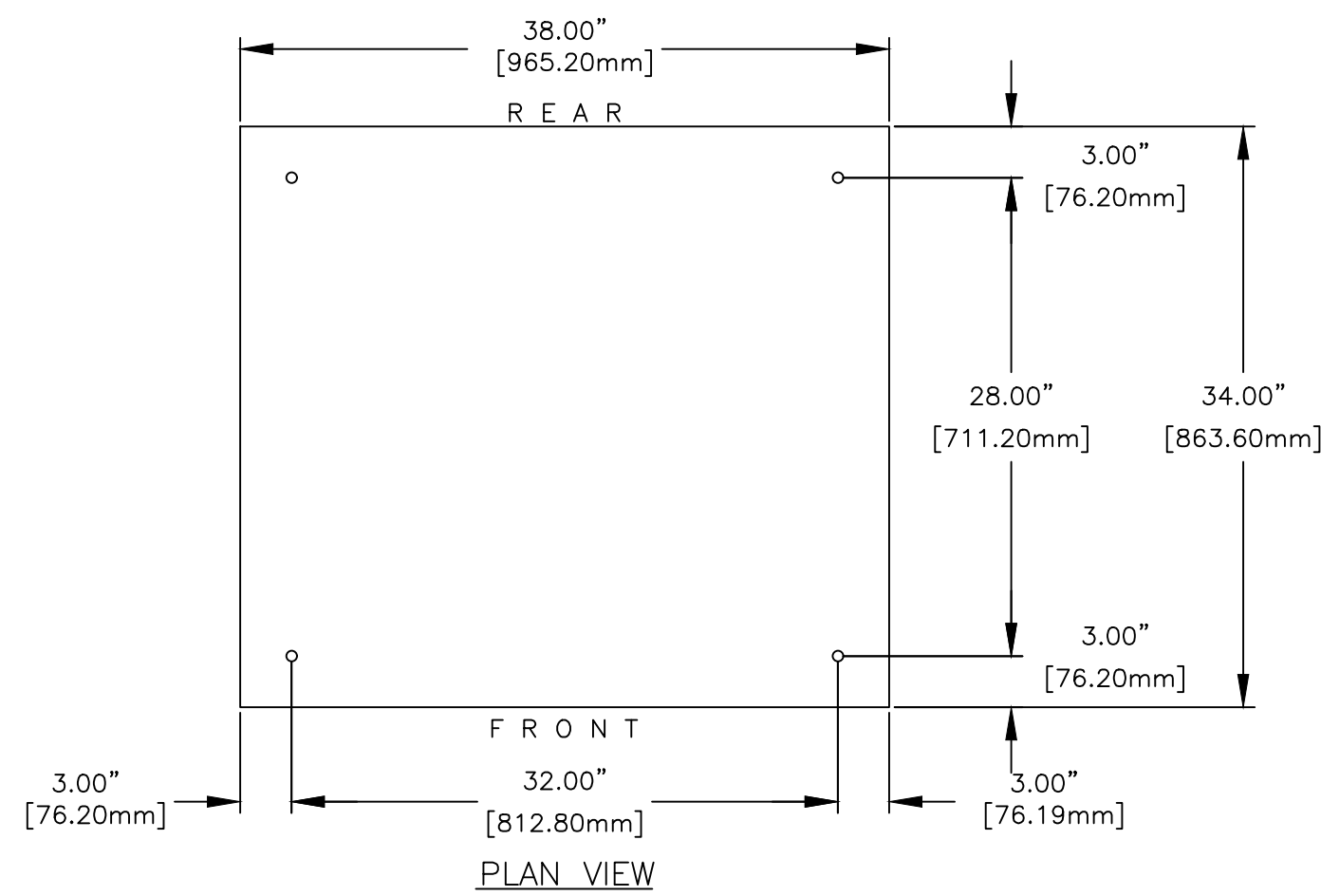
- H FRAME ISOLATION-BYPASS TRANSFER SWITCH.
- TRANSFER SWITCH RATING: 1000 AMPS, 1200 AMPS.
VOLTAGE: MAXIMUM 440VAC.
Icw: 30kA FOR 500ms
Icm: 84.1kA.
- A FULL RATED NEUTRAL CONNECTION FOR EACH SOURCE AND THE LOAD IS OPTIONAL.
WHEN PROVIDED IT IS IN ONE OF THE FOLLOWING FORMATS.
 - SOLID NEUTRAL
 - SWITCHED NEUTRAL POLE
 - OVERLAPPING NEUTRAL POLE (NOT AVAILABLE ON ADTB & ACTB UNITS)
- IEC 60947-6-1 CLASS PC

TERMINATIONS 1000A-1200A

- MECHANICAL (SCREW TYPE) LUGS FOR CU/AL CABLE.
SOURCE 1 (NORMAL): (4) 1/0-600MCM [50-300mm²] PER PHASE & NEUTRAL
LOAD: (4) 1/0-600MCM [50-300mm²] PER PHASE & NEUTRAL
SOURCE 2 (EMERGENCY): (4) 1/0-600MCM [50-300mm²] PER PHASE & NEUTRAL
GROUND: (12) 1/0-600MCM [50-300mm²]
A. SUITABLE WIRE BENDING SPACE IS PROVIDED AS PER NEC.
- SWITCH MAY BE SUPPLIED WITHOUT LUGS.
- OPTIONAL LUGS MAY BE SUPPLIED (MAY AFFECT ENCLOSURE SIZE).

WIRING/CABLING

- USE 90°C MINIMUM CU/AL WIRE FOR POWER CABLES.
- WIRE SIZE TO BE BASED ON AMPACITY OF 75°C WIRE.
- USE 60°C MINIMUM CU WIRE FOR CONTROLS.



PROJECT NAME:		REV. TO SHEET	ECN NO.	BY	APP.	DATE
OUTLINE		MOUNTING				
HATB 1000A - 1200A, FRONT CONNECTED, IEC						
TYPE 1 91 X 38 X 34						
DRAWN BY	SV	DATE	05-12-23	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-I-003. FOR PLASTIC PARTS SEE MP-I-055		ASSEM. REF. NO.
CHECKED				PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.		COMPUTER GENERATED DRAWING
PROJECT APPROVAL						SCALE 3/32" = 1" SIZE DS
FINAL APPROVAL						DWG. NO. 736939-010-A
				ASCOR [®] ASCO POWER TECHNOLOGIES, L.P. FLORHAM PARK, NEW JERSEY 07932 U.S.A.		DRAWING F REV. ECN NO. 303561 SHEET 1 OF 1