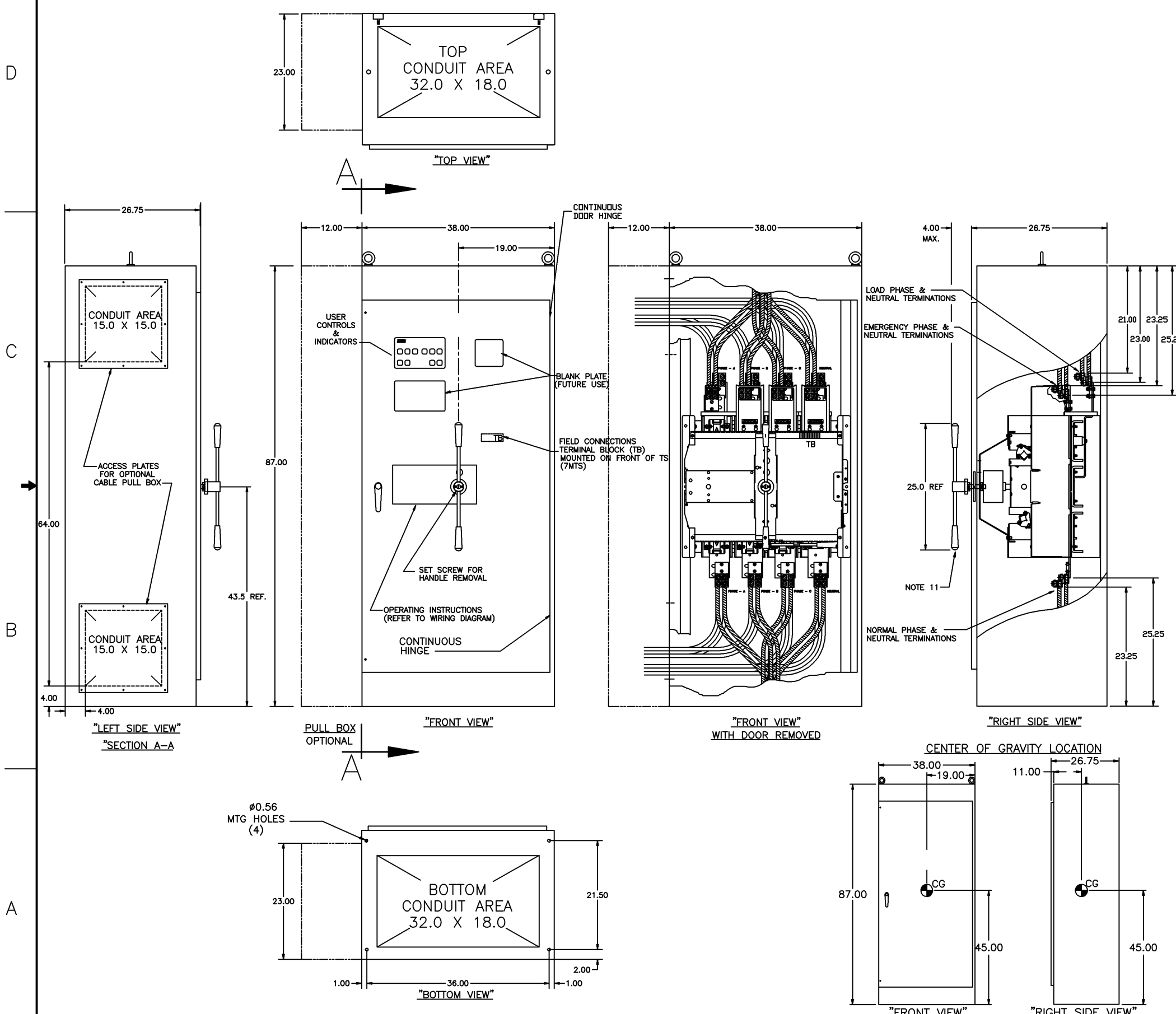


# OUTLINE & MOUNTING FOR ASCO 7000 SERIES TRANSFER SWITCH TYPE 7MTS RATED 1000-1200 AMPERES.



## GENERAL NOTES

- TYPE 1 ENCLOSURE. FREE STANDING. FLOOR MOUNTED. 12 GAUGE FORMED FRAME CONSTRUCTION.
- NEC STANDARD GAUGE PAN TYPE DOOR WITH LOCKABLE HANDLE.
- FINISH: ASA 61 GRAY, POLYESTER POWDER. UL RECOGNIZED.
- CONSTRUCTION IS IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF UL 891.
- RECOMMENDED CLEARANCES:  
FRONT: 36 INCHES
- A 20% RATED GROUND BUS IS PROVIDED.
- UNIT IS DESIGNED FOR COMBINATION TOP AND BOTTOM CABLE ENTRY. THE STANDARD SWITCH CONFIGURATION IS FOR TOP ENTRY EMERGENCY & LOAD AND BOTTOM ENTRY NORMAL. OPTIONALLY, THE SWITCH MAY BE SUPPLIED WITH REVERSE SOURCES AND/OR BOTTOM ENTRY LOAD. (REFER TO THE WIRING DIAGRAM FURNISHED WITH EACH TRANSFER SWITCH TO DETERMINE TERMINATION POSITIONS).  
**IMPORTANT NOTE:**  
UNDER NO CIRCUMSTANCES SHOULD POWER CABLES BE ROUTED ALONG THE SIDES OF THE TRANSFER SWITCH. AN OPTIONAL CABLE PULL BOX WHICH MOUNTS ON THE LEFT SIDE OF THE ENCLOSURE IS AVAILABLE WHEN CONDITIONS EXIST FOR WHICH CABLES MUST RUN BETWEEN THE TOP AND BOTTOM OF THE UNIT. GROUND CONDUCTORS ONLY MAY BE RUN ALONG THE LEFT SIDEWALL OF THE ENCLOSURE.
- A FULL RATED NEUTRAL CONNECTION FOR EACH SOURCE AND THE LOAD IS OPTIONAL WHEN PROVIDED IT IS IN ONE OF THE FOLLOWING FORMATS AS SPECIFIED BY THE CATALOG NO. NEUTRAL TYPE:
  - SOLID (COPPER BUS) NEUTRAL
  - SWITCHED NEUTRAL POLE
  - OVERLAPPING NEUTRAL POLE
- NO KNOCKOUTS ARE PROVIDED.
- PULL BOX AVAILABLE FOR TOP AND BOTTOM CABLE ACCESS WHEN REQUIRED (OPTIONAL)
- SHIPPED WITH ACC. 35 QUICK MAKE - QUICK BREAK HANDLE ATTACHED
- CENTER OF GRAVITY

## CABLING NOTES

- ALL SIZES SUPPLIED STANDARD WITH MECHANICAL (SCREW TYPE) LUGS ON THE NORMAL, EMERGENCY & LOAD BUS STABS. ONE (1) LUG PER PHASE AND NEUTRAL EACH SUITABLE FOR CONNECTION OF FOUR (4) 1/0 - 750MCM CU/AL CABLE (SEE NOTE "E" BELOW).
  - LUG MATERIAL: ALUMINUM ALLOY 6061-T6 WITH ELECTRO TIN PLATED FINISH.
  - SCREW MATERIAL: ALUMINUM ALLOY 6262-T9 WITH ELECTRO TIN PLATED FINISH.
  - UL LISTED, CSA CERTIFIED.
  - LUG SCREW TIGHTENING TORQUE PER UL 486B: 19 FT-LBS.
  - SUITABLE WIRE BENDING SPACE IS PROVIDED FOR UP TO FOUR (4) 600MCM CABLES PER TERMINAL PER NEC.
- OPTIONAL COPPER CRIMP LUGS MAY BE SUPPLIED. UP TO FOUR (4) TWO HOLE, LONG BARREL CU CRIMP LUGS RATED FOR UP TO 600MCM. (REFER TO CRIMP LUG INSTALLATION DATA PROVIDED WITH UNIT FOR FULL INSTALLATION DETAILS).
  - LUG MATERIAL: HIGH CONDUCTIVITY WROUGHT COPPER FINISH, ELECTRO TIN PLATED.
  - UL LISTED, CSA CERTIFIED.
  - LUG MOUNTING HARDWARE TIGHTENING TORQUE: (REFER TO WITHSTAND CURRENT RATING LABEL PROVIDED ON EACH TRANSFER SWITCH).
  - SUITABLE WIRE BENDING SPACE IS PROVIDED FOR UP TO FOUR (4) 600MCM CABLES PER TERMINAL PER NEC.
- CONSULT FACTORY FOR OTHER TERMINATION REQUIREMENTS.
- GROUND LUGS ARE PROVIDED STANDARD AS FOLLOWS:  
(12) 1/0 - 750MCM CU/AL CABLE

B	232612	TR	WK	6/24/11
	SEE ECH			
A	156289	BK	BK	3/12/01
	SEE ECH			
	156284	BK	BK	1/24/01
	ISSUE			

PROJECT NAME:		REV. TO SHEET	ECH NO.	BY	APP.	DATE
OUTLINE & MOUNTING						
7000 SERIES (7MTS)		THIRD ANGLE PROJECTION				
1000-1200 AMPERES		COMPUTER GENERATED DRAWING				
BY	DATE	MANUFACTURING TOLERANCES TO BE IN ACCORDANCE WITH ASCO PROCEDURE MP-1-003. FOR PLASTIC PARTS SEE MP-1-005	ASSEMB. REF. NO.	SCALE	1:1	SIZE DS
DRAWN BY	WK 1/01					
CHECKED	WK 2/01	PROPERTY OF ASCO POWER TECHNOLOGIES. USE PERMITTED FOR OUR WORK ONLY. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.				
TRIEBER APPROVAL						
FINAL APPROVAL	WK 2/01					
ASCO		ASCO POWER TECHNOLOGIES, LP.				
		FLORHAM PARK, NEW JERSEY 07832 U.S.A.				
DRAWING NO. 619413-003		SHEET 1 OF 1				