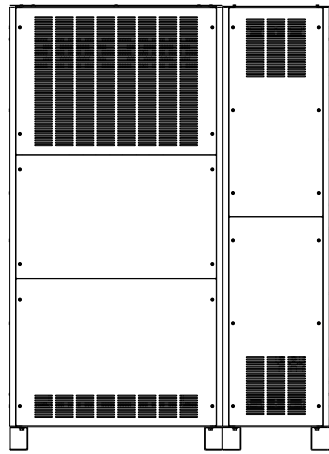
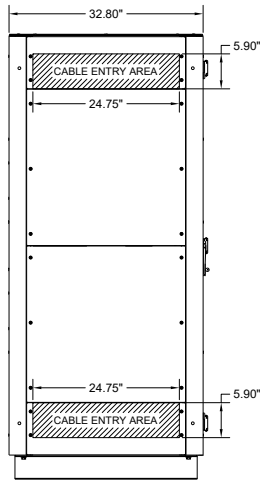


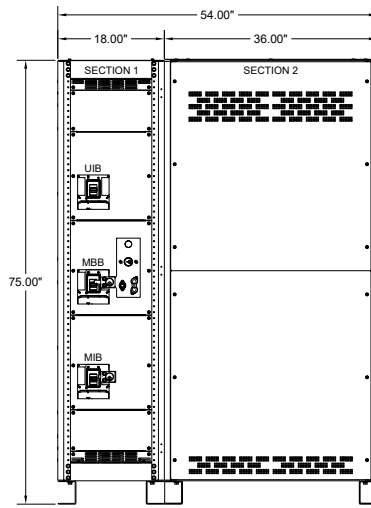
TOP VIEW



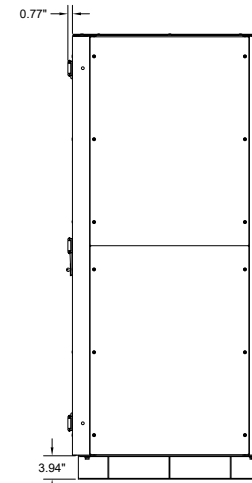
REAR VIEW



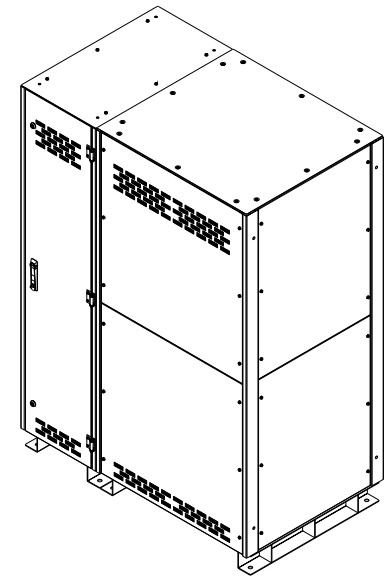
LEFT SIDE VIEW



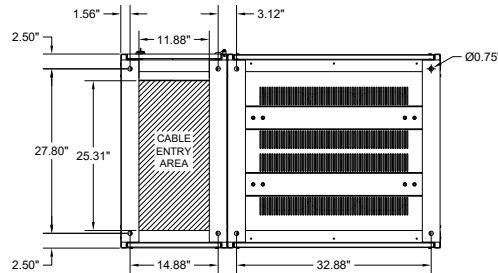
FRONT VIEW
(DOOR REMOVED)



RIGHT SIDE VIEW




ISOMETRIC VIEW



BOTTOM VIEW

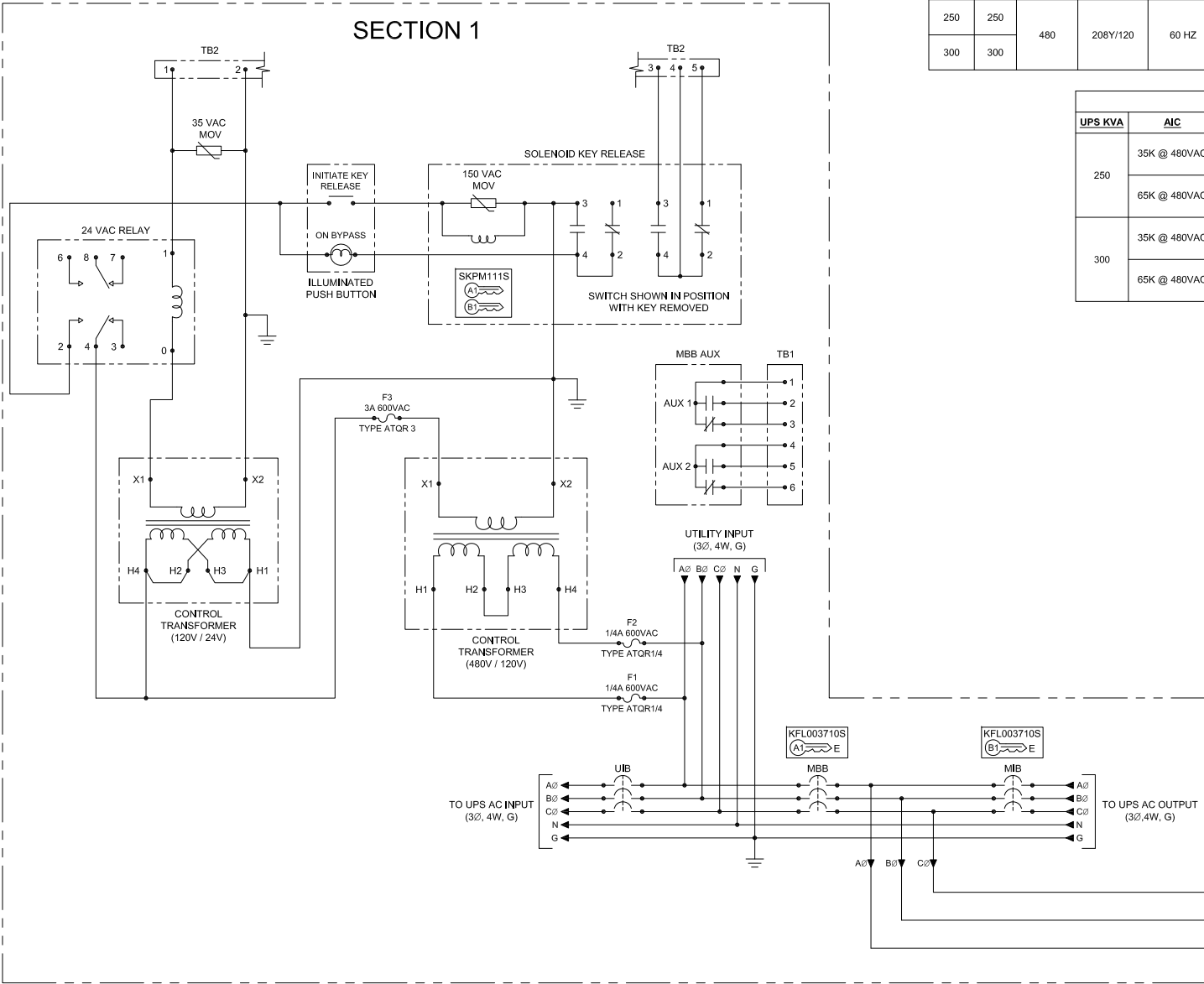
NOTES:

1. APPROXIMATE WEIGHT: 2500 LBS.
2. ASSEMBLY IS UL/CUL LISTED TO UL 891 AND C22.2 NO. 244.
3. NEMA 1 TYPE ENCLOSURES.
4. THE CABINETS ARE CONSTRUCTED FROM GALVANIZED STEEL.
5. THE CABINETS ARE TO BE MOUNTED THROUGH THE 0.750" HOLES IN THE CABINET LEGS. THE LEGS ARE FORMED FROM 10 GAUGE STEEL.
6. FINISH IS POWDER COAT ON ALL EXTERNAL AND VISIBLE SURFACES, INTERIOR PANELS AND MOUNT BRACKETS ARE GALVANIZED FINISH.
7. A MINIMUM REAR CLEARANCE OF 6" IS REQUIRED FOR OPTIMAL COOLING OF THE EQUIPMENT.

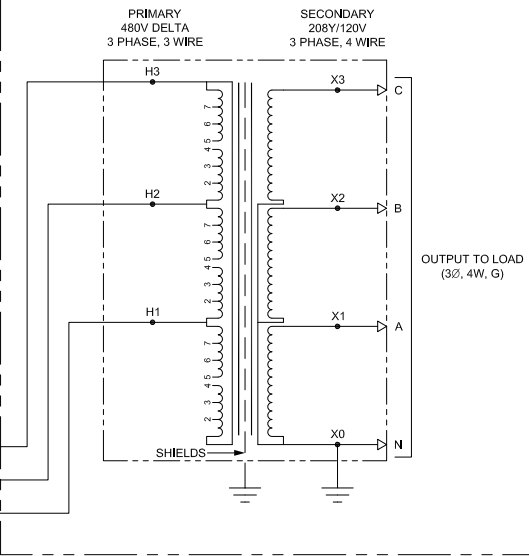
MAINTENANCE BYPASS CABINET WITH XFRMR FOR TLE SERIES UPS 250KVA-300KVA 3 BREAKER BYPASS WITH SKRU 480D-208Y/120V OUTPUT TRANSFORMER			
<small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF C&C POWER, INC. ANY REPRODUCTION WITHOUT THE WRITTEN CONSENT OF C&C POWER, INC IS PROHIBITED.</small>			
<small>DIMENSIONS ARE IN INCHES</small>		<small>INITIALS</small> TD	<small>DATE</small> 8/26/2019
<small>TOLERANCES:</small> DECIMALS: .XX ±.13 ANGLES: .XXX ±.062 ±1°		<small>CHECKED</small> CH	<small>DATE</small> 9/5/2019
<small>SCALE</small> NTS	<small>SIZE</small> A	<small>REV</small> 1	SHEET 1 OF 2
			<small>Electrication's Product Group</small> <small>EP Industrial Solutions Division</small> <small>Manufactured by C&C Power for ABB</small>
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DRAWING # 9839F-250KVA-300KVA-480D-208Y-C12-SD01-1 REV 1

SECTION 1



SECTION 2



TRANSFORMER RATINGS										
UPS KVA	XFRMR KVA	PRIMARY VOLTAGE	SECONDARY VOLTAGE	FREQUENCY	MATERIAL	TEMP RISE	K FACTOR	EFFICIENCY	NEUTRAL	OUTPUT TO LOAD
250	250	480	208Y/120	60 HZ	CU	150°C	K13	TP1	200% RATED ACCEPTS (8) 4 - 600	(2) 4 - 600 PER PHASE
300	300									

CIRCUIT BREAKER SUMMARY					
UPS KVA	AIC	BREAKER MODEL	LOCATION	TRIP	WIRE RANGE
250	35K @ 480VAC	LGE3450FAG	UIB	450A	(2) 2 - 500
		LGE3400FAG	MBB & MIB	400A	
	65K @ 480VAC	LGH3450FAG	UIB	450A	
300	35K @ 480VAC	LGE3600FAG	UIB	600A	(2) 2 - 500
		LGE3500FAG	MBB & MIB	500A	
	65K @ 480VAC	LGH3600FAG	UIB	600A	
		LGH3500FAG	MBB & MIB	500A	

- NOTES:**
- "UIB" UPS INPUT BREAKER
 - "MBB" MAINTENANCE BYPASS BREAKER
 - "MIB" MAINTENANCE ISOLATION BREAKER
 - ALL INTERNAL ELECTRICAL CONNECTIONS BETWEEN "UIB", "MBB" AND "MIB" ARE MADE USING COPPER BUS BARS.
 - GROUND LUG ACCEPTS (4) #6 - 250 MCM CABLES.
 - UTILITY INPUT NEUTRAL BUS IS 600A RATED AND PROVIDED WITH MECHANICAL LUGS THAT ACCEPT A TOTAL OF (4) #6 - 350 MCM CABLES.
 - MECHANICAL LUGS USED FOR THE UTILITY INPUT HAVE THE SAME WIRE RANGE AS THE "UIB" CIRCUIT BREAKERS.
 - MECHANICAL LUGS ARE PROVIDED FOR THE OUTPUT TO LOAD AND X0 NEUTRAL CONNECTIONS. SEE TRANSFORMER RATINGS TABLE FOR WIRE RANGE INFO.
 - VOLTAGE BETWEEN THE A0 AND B0 MUST BE 480V±10% FOR THE SKRU CIRCUIT TO FUNCTION PROPERLY.
 - CABLE KIT PROVIDED FOR CONNECTIONS TO UPS AC INPUT AND UPS AC OUTPUT. CABLE KIT SIZED FOR SIDE BY SIDE LINE UP WITH UPS.
 - THIS DRAWING IS TO BE USED FOR ELECTRICAL PURPOSES ONLY AND DOES NOT REPRESENT THE ACTUAL MECHANICAL LAYOUT OF THE EQUIPMENT.

- KIRK KEY NOTES:**
- THE "E" OR "W" NEXT TO THE INTERLOCK INDICATES THE POSITION OF THE INTERLOCK BOLT WHEN THE KEY IS REMOVABLE. "E" = EXTENDED AND "W" = WITHDRAWN.
 - THE KEY OR KEYS NEXT TO THE INTERLOCK INDICATES THE KEY NUMBER THAT FUNCTIONS WITH THE INTERLOCK.

**MAINTENANCE BYPASS CABINET WITH XFRMR FOR TLE SERIES UPS
250KVA-300KVA 3 BREAKER BYPASS WITH SKRU
480D-208Y/120V OUTPUT TRANSFORMER**

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF C&C POWER, INC. ANY REPRODUCTION WITHOUT THE WRITTEN CONSENT OF C&C POWER, INC IS PROHIBITED.

DIMENSIONS ARE IN INCHES		INITIALS	DATE
TOLERANCES:		DRAWN	TD
DECIMALS: .XX ±.13	ANGLES: ±1°	CHECKED	CH
.XXX ±.082			9/5/2019

SCALE: SIZE: A REV: 1 SHEET 2 OF 2

ABB
Electrification's Product Group
EP Industrial Solutions Division
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DRAWING #: 9839-F-250KVA-300KVA-480D-208Y-120V-3BDU-2 REV 1