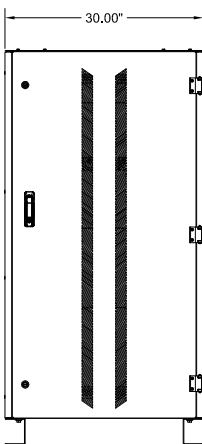
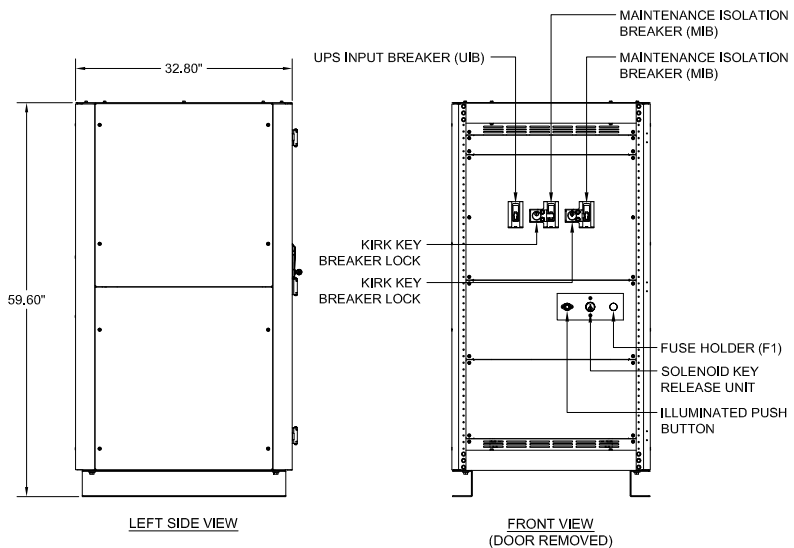
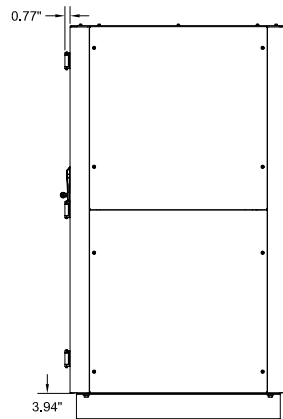


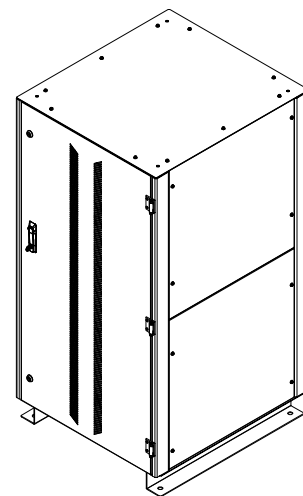
TOP VIEW



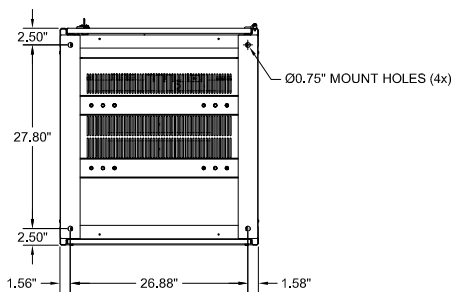
FRONT VIEW



RIGHT SIDE VIEW



ISOMETRIC VIEW



BOTTOM VIEW

NOTES:

- 1. APPROXIMATE WEIGHT: 780 LBS.
- 2. NEMA 1 TYPE ENCLOSURE.
- 3. THE CABINET IS CONSTRUCTED FROM GALVANIZED STEEL.
- 4. THE CABINET IS TO BE MOUNTED THROUGH THE 0.750" HOLES IN THE CABINET LEGS. THE LEGS ARE FORMED FROM 10 GAUGE STEEL.
- 5. FINISH IS POWDER COAT ON ALL EXTERNAL AND VISIBLE SURFACES. INTERIOR PANELS AND MOUNT BRACKETS ARE GALVANIZED FINISH.
- 6. CABINET LEGS ARE REVERSIBLE FOR EASY ACCESS TO CABINET FLOOR MOUNTING HARDWARE.

90856 SERIES MAINTENANCE BYPASS CABINET WITH TRANSFORMER			
20-40 KVA, 120V/208V, 3PH/4W 3 BREAKER			
INTERLOCK CONFIGURATION 5			
DIMENSIONS ARE IN INCHES		INITIALS	DATE
TOLERANCES:		DRAWN	3/12/12
DECIMALS: .XX ± .13	ANGLES: ± 1°	PJC	
.XXX ± .062		CHECKED	11/20/2014
MATERIAL: SEE NOTES		PC	
FINISH: SEE NOTES			
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE			
SCALE: NTS	SEE: A	REV: 1	SHEET 1 OF 2

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**AC INPUT TRANSFORMER RATINGS (K=0)**

KVA	PRIMARY VOLTAGE	SECONDARY VOLTAGE	FREQUENCY, HZ	MATERIAL	TEMP RISE, °C	%IZ	TP-1 EFFICIENCY, %
56	480	208Y/120	60	AL	150	3.4	97.81
	600					3.5	
33	480	208Y/120				4.5	97.54

**MAINTENANCE BYPASS CIRCUIT BREAKER SUMMARY**

BREAKER TYPE	BREAKER FRAME	UPS KVA	BREAKER MODEL	TRIP	AIC	WIRE RANGE
CUTLER HAMMER SERIES C	F FRAME	30	EDB3125	125A	22K @ 240VAC	(1) 4 - 4/0
		40	EDB3175	175A		

**HIGH VOLTAGE: LINES ON H1, H2, H3**

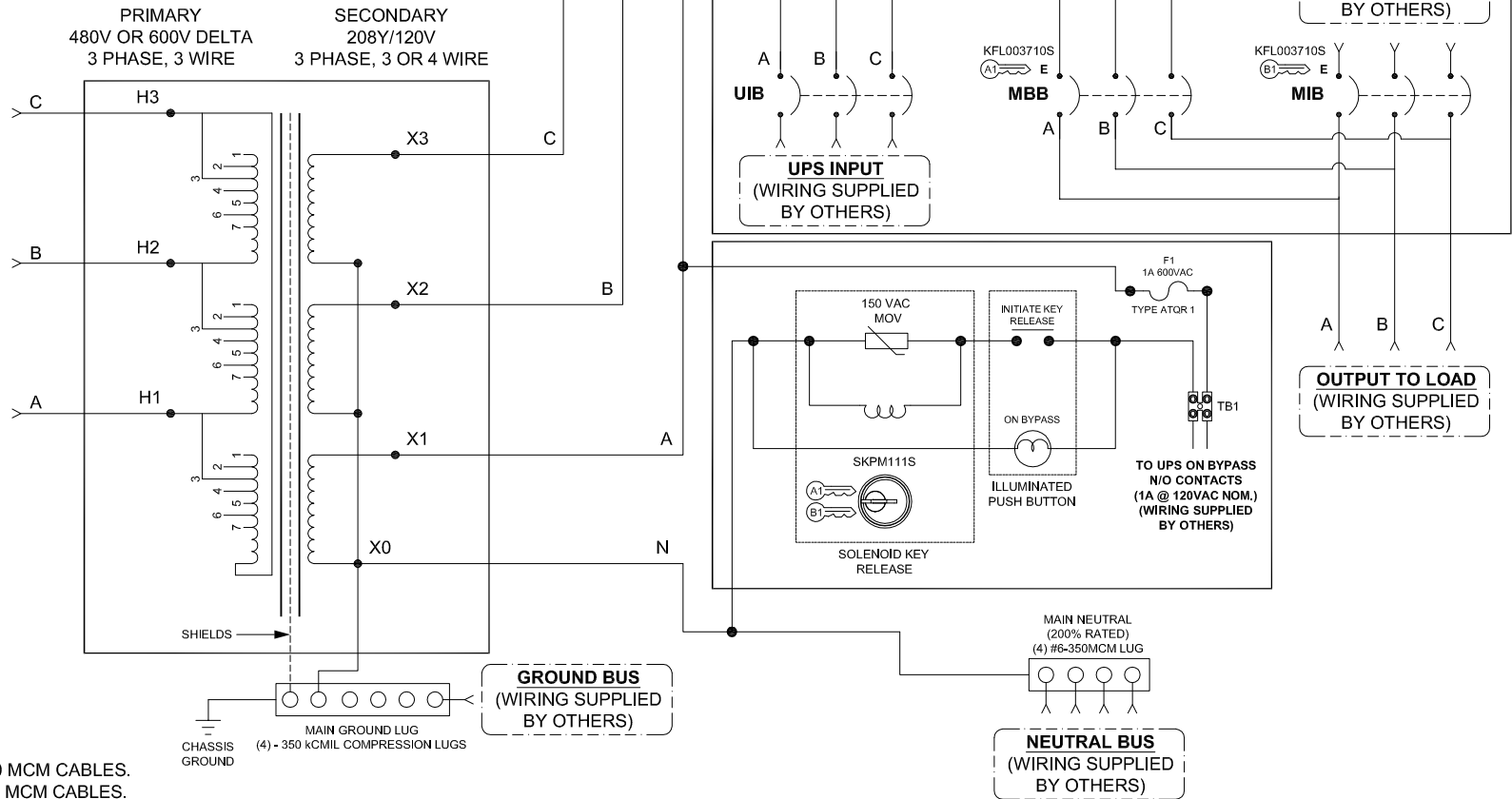
XFRMR PRIMARY (V)	CONNECT	1	2	3	4	5	6	7
480	VOLTS	504	492	480	468	456	444	432
600		630	615	600	585	570	555	540

**LOW VOLTAGE: LINES ON X1, X2, X3**

LINE - LINE	LINE - NEUTRAL
208 V	120 V

**AC INPUT BREAKER SIZING**

UPS KVA	XFRMR KVA	BREAKER SIZE
30	33	50A
40	56	90A



**NOTES:**

1. MAIN NEUTRAL LUG ACCEPTS (4) #6 - 350 MCM CABLES.
2. MAIN GROUND LUG ACCEPTS (4) #6 - 350 MCM CABLES.
3. "UIB" UPS INPUT BREAKER.
4. "MBB" MAINTENANCE BYPASS BREAKER.
5. "MIB" MAINTENANCE ISOLATION BREAKER.
6. H1, H2 & H3 LANDINGS ACCEPT 2 HOLE LUGS ON 5/8" CENTERS FOR 1/4" BOLTS.
7. THIS DRAWING IS TO BE USED FOR ELECTRICAL PURPOSES ONLY AND DOES NOT REPRESENT THE ACTUAL MECHANICAL LAYOUT OF THE EQUIPMENT.

**KIRK KEY NOTES:**

1. 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.
2. THE KEY OR KEYS NEXT TO THE INTERLOCK INDICATES THE KEY NUMBER THAT FUNCTIONS WITH THE INTERLOCK.

<b>90856-B SERIES TRANSFORMER CABINET WITH MBP</b>			
125A-200A, 120V/208V, 3PH/4W, 3 BREAKER MAINTENANCE BYPASS			
<b>INTERLOCK CONFIGURATION 5</b>			
DIMENSIONS ARE IN INCHES	TOLERANCES:	INITIALS	DATE
DECIMALS: .XX ± 0.3	ANGLES: ±1°	DRAWN PJC	5/31/12
.XXX ± 0.15		CHECKED PC	11/20/2014
MATERIAL: SEE SHEET ONE NOTES			
FINISH: SEE SHEET ONE NOTES			
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE			
SCALE: SEE NOTES	REV: 1	SHEET 2 OF 2	

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DRAWING #: 90856-B-C5-S001-2 REV 1