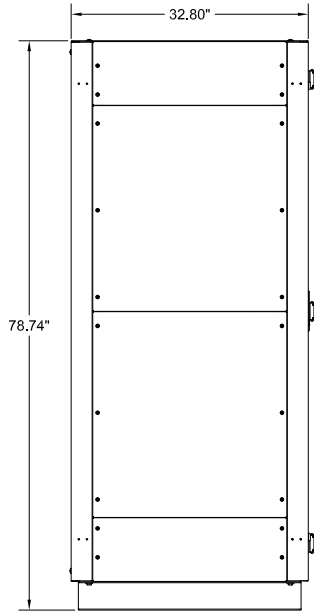
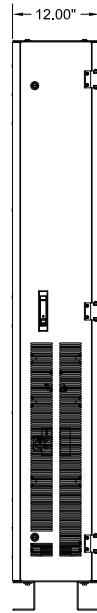




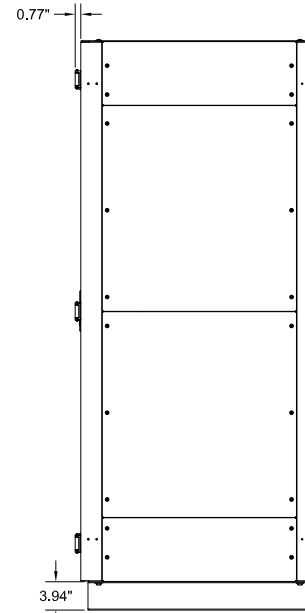
TOP VIEW



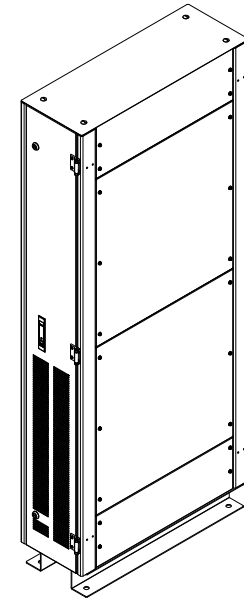
LEFT SIDE VIEW



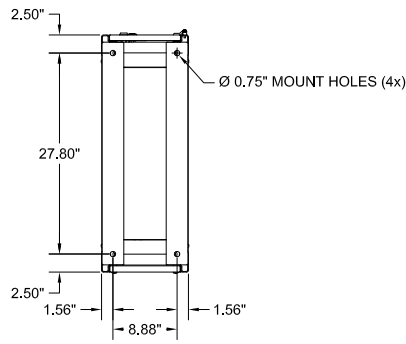
FRONT VIEW



RIGHT SIDE VIEW
(COVERS REMOVED)



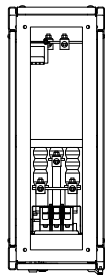
ISOMETRIC VIEW



BOTTOM VIEW

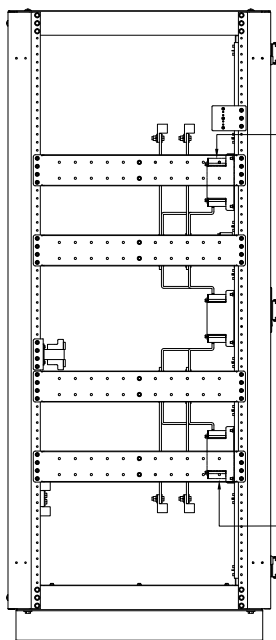
- NOTES:
APPROXIMATE WEIGHT: 285 LBS.
1. THE CABINET IS CONSTRUCTED FROM COLD ROLLED & GALVANIZED STEEL.
 2. THE CABINET IS TO BE MOUNTED THROUGH THE 0.750" HOLES IN THE CABINET LEGS. THE LEGS ARE FORMED FROM 10 GAUGE STEEL.
 3. FINISH IS POWDER COAT ON ALL EXTERNAL AND VISIBLE SURFACES, INTERIOR PANELS AND MOUNT BRACKETS ARE GALVANIZED FINISH.
 4. CABINET LEGS ARE REVERSIBLE FOR EASY ACCESS TO CABINET FLOOR MOUNTING HARDWARE.

90821 SERIES MAINTENANCE BYPASS BREAKER CABINET			
15A-400A, 480V, 3PH/3W, 3 BREAKER, CONFIGURATION 6			
DIMENSIONS ARE IN INCHES		INITIALS	DATE
TOLERANCES:		DRAWN	6/29/11
DECIMALS:	ANGLES:	PJC	
.XX ±.13	±1°	CHECKED	6/29/11
.XXX ±.062		CH	
MATERIAL: SEE NOTES SHEET 1			
FINISH: SEE NOTES SHEET 1			
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE			
SCALE:	SIZE:	REV:	
NTS	A	1	SHEET 1 OF 3
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TOP VIEW
(COVER REMOVED)

CIRCUIT BREAKER SUMMARY					
BREAKER TYPE	BREAKER FRAME	BREAKER MODEL	TRIP	AIC	WIRE RANGE
CUTLER HAMMER SERIES C	F FRAME	FD3XXX	15-100A	35K @ 480VAC	(1) 14 - 1/0
		FD3XXX	110-225A	35K @ 480VAC	(1) 4 - 4/0
		HFD3XXX	15-100A	65K @ 480VAC	(1) 14 - 1/0
		HFD3XXX	110-225A	65K @ 480VAC	(1) 4 - 4/0
	J FRAME	JDB3250	250A	35K @ 480VAC	(1) 4 - 350
		HJDB3250	250A	65K @ 480VAC	(1) 4 - 350
	K FRAME	KDB3XXX	300-350A	35K @ 480VAC	(1) 250 - 500
		KDB3400	400A	35K @ 480VAC	(2) 3/0 - 250
		HKDB3XXX	300-350A	65K @ 480VAC	(1) 250 - 500
		HKDB3400	400A	65K @ 480VAC	(2) 3/0 - 250



LEFT SIDE VIEW
(COVERS REMOVED)

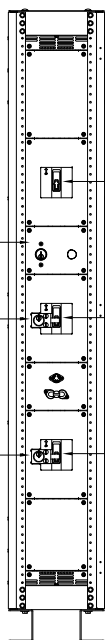
TO UPS AC INPUT
(LAND TO MECHANICAL LUGS
ON BIB BREAKER)

SOLENOID KEY RELEASE PANEL

KIRK KEY BREAKER LOCK

KIRK KEY BREAKER LOCK

TO UPS AC OUTPUT
(LAND TO MECHANICAL LUGS
ON MIB BREAKER)



FRONT VIEW
(DOOR REMOVED)

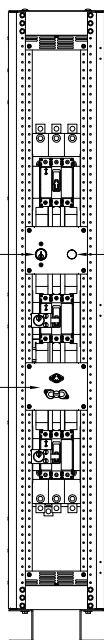
BYPASS ISOLATION BREAKER (BIB)

SOLENOID KEY RELEASE UNIT

MAINTENANCE BYPASS BREAKER (MBB)

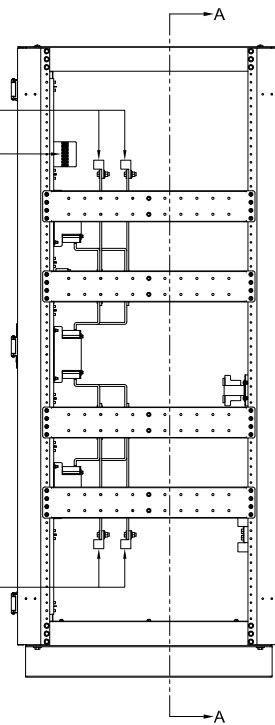
FUSE PANEL

MAINTENANCE ISOLATION BREAKER (MIB)



FRONT VIEW
(DEADFRONTS REMOVED)

LINE / UTILITY INPUT BUS
UPS ON BYPASS TERMINAL
BLOCK (TB1)
ILLUMINATED PUSH BUTTON

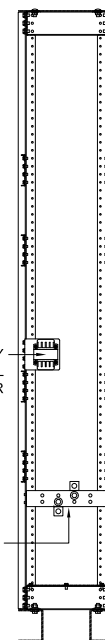


RIGHT SIDE VIEW
(COVERS REMOVED)

LOAD OUT BUS

SOLENOID KEY
RELEASE CONTROL
TRANSFORMER

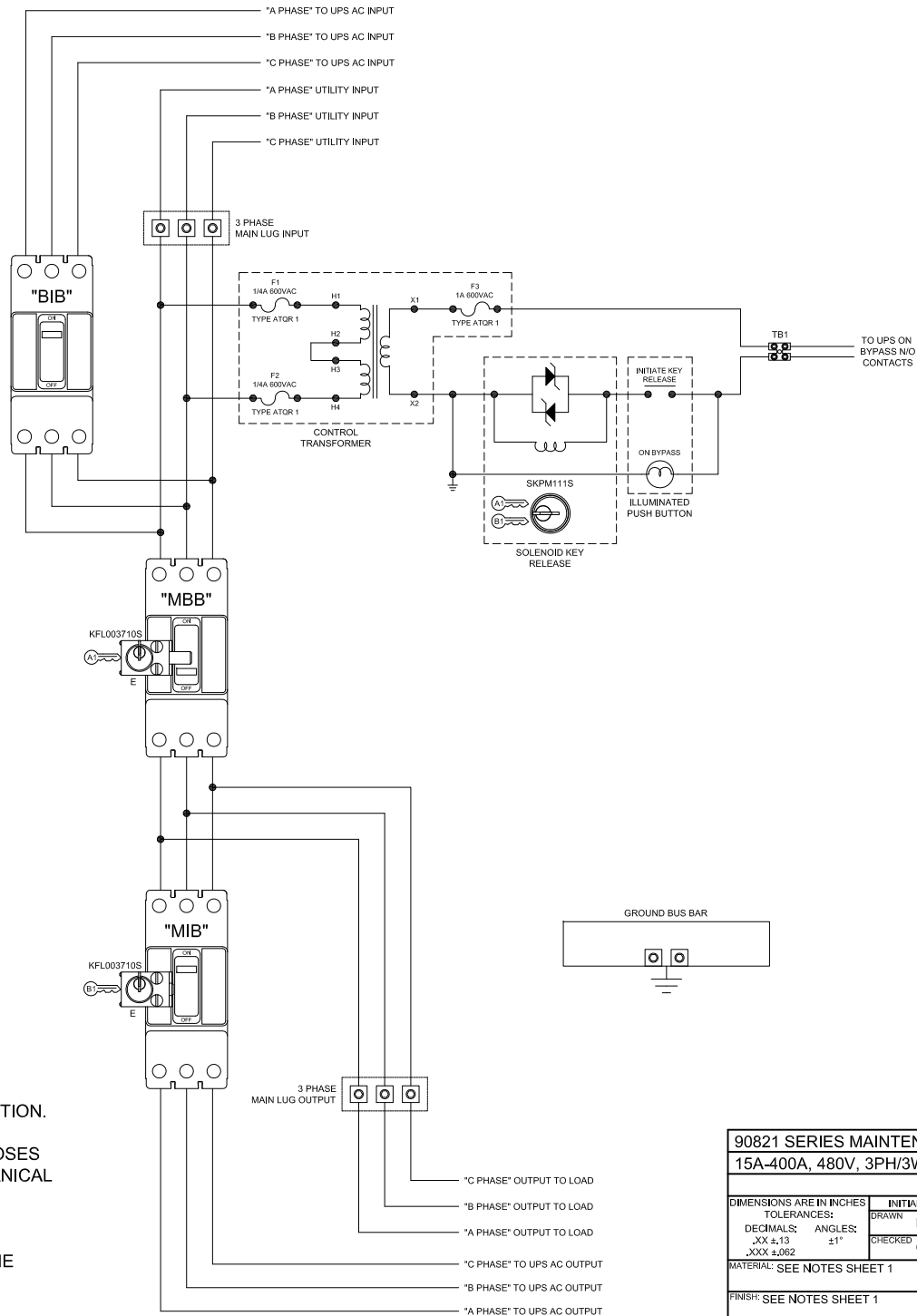
GROUND BUS BAR



SECTION A-A

90821 SERIES MAINTENANCE BYPASS BREAKER CABINET			
15A-400A, 480V, 3PH/3W, 3 BREAKER, CONFIGURATION 6			
DIMENSIONS ARE IN INCHES	INITIALS	DATE	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.
TOLERANCES:	DRAWN	6/29/11	
DECIMALS: .XX ±.13	PJC		
ANGLES: ±1°	CHECKED	6/29/11	
MATERIAL: SEE NOTES SHEET 1			
FINISH: SEE NOTES SHEET 1			
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE			
SCALE: NTS	SIZE: A	REV: 1	SHEET 2 OF 3

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NOTES:

1. "BIB" BYPASS INPUT BREAKER
2. "MBB" MAINTENANCE BYPASS BREAKER
3. "MIB" MAINTENANCE ISOLATION BREAKER
4. BREAKERS ARE SHOWN IN NORMAL OPERATING CONDITION.
5. GROUND LUG ACCEPTS (2) #6 - 350 MCM CABLES.
6. 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.

90821 SERIES MAINTENANCE BYPASS BREAKER CABINET			
15A-400A, 480V, 3PH/3W, 3 BREAKER, CONFIGURATION 6			
DIMENSIONS ARE IN INCHES		INITIALS	DATE
TOLERANCES:		DRAWN	PJC
DECIMALS: .XX ±.13	ANGLES: ±1°	CHECKED	CH
MATERIAL: SEE NOTES SHEET 1		6/29/11	
FINISH: SEE NOTES SHEET 1		6/29/11	
CAD GENERATED DRAWING DO NOT MANUALLY UPDATE			
SCALE: NTS	SIZE: A	REV: 1	SHEET 3 OF 3

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