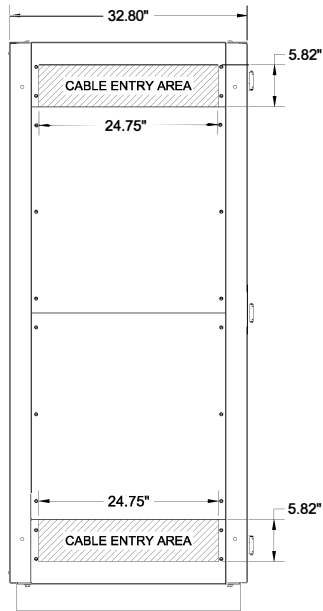
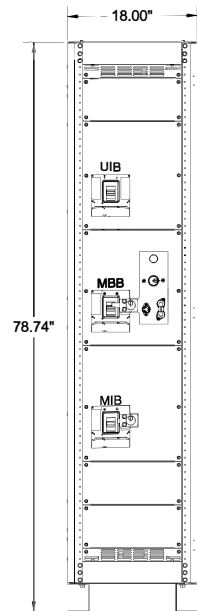


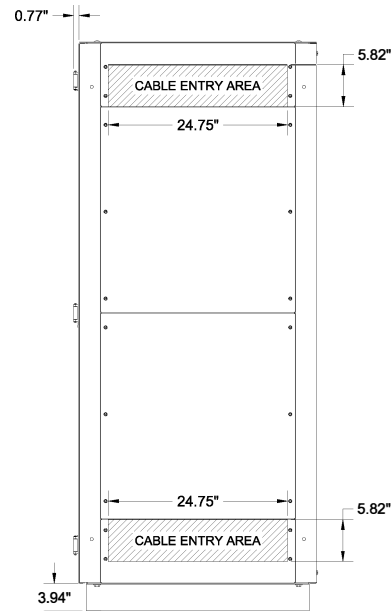
TOP VIEW



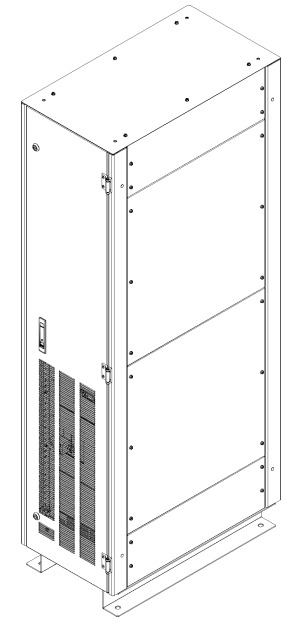
LEFT SIDE VIEW



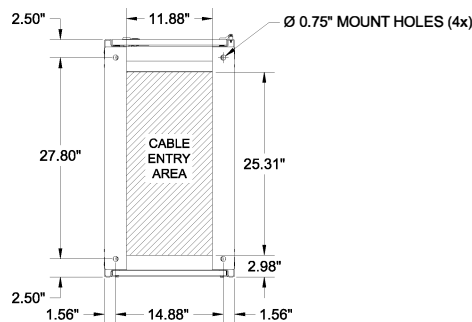
FRONT VIEW
(DOOR REMOVED)



RIGHT SIDE VIEW



ISOMETRIC VIEW



BOTTOM VIEW

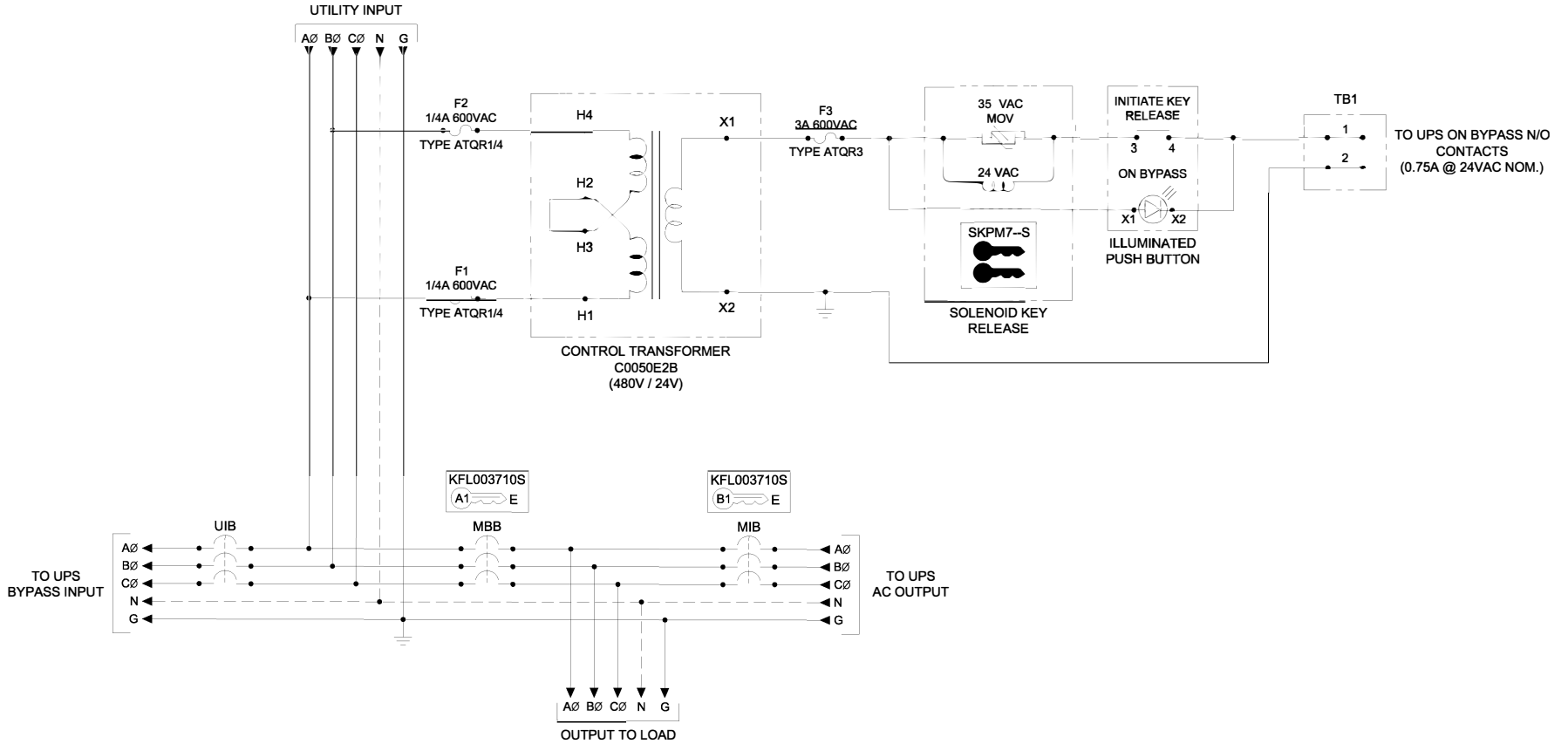
NOTES:

1. APPROXIMATE WEIGHT: 375 LBS.
2. ASSEMBLY IS UL/CUL LISTED TO UL 891 AND C22.2 NO. 244
3. NEMA 1 TYPE ENCLOSURE.
4. THE CABINET IS CONSTRUCTED FROM GALVANIZED STEEL.
5. THE CABINET IS 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. CABINET LEGS ARE REVERSIBLE FOR EASY ACCESS TO CABINET FLOOR MOUNTING HARDWARE.

90820 SERIES MAINTENANCE BYPASS BREAKER CABINET			
500-600A, 480V, 3Ø 3W OR 4W, 3 BREAKER WITH SKRU			
INTERLOCK CONFIGURATION 42			
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DIMENSIONS ARE IN INCHES		INITIALS	DATE
TOLERANCES:		DRAWN CH	7/30/2019
DECIMALS:	ANGLES:	CHECKED CH	7/30/2019
JXX ±.13	±1°		
.XXX ±.082			
SCALE: SIZE: A	REV: 2	SHEET 1 OF 2	
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CIRCUIT BREAKER OPTIONS		
TRIP SIZE	TRIP TYPE	AIC @ 480V
500A	TMAG (80% OR 100%)	35K OR 65K
600A	TMAG (80% OR 100%)	35K OR 65K
250-600A (ADJUSTABLE)	LS, LSI, LSG, LSIG, ALSI, ALSIG (80% OR 100%)	35K OR 65K

CIRCUIT BREAKER TERMINAL INFO	
TRIP SIZE	WIRE RANGE
250-350A	(1) 3 - 500
400A	(1) 500 - 750
450-600A	(2) 2 - 500



NOTES:

- "UIB" UPS INPUT BREAKER
- "MBB" MAINTENANCE BYPASS BREAKER
- "MIB" MAINTENANCE ISOLATION BREAKER
- ALL INTERNAL CONNECTIONS BETWEEN "UIB", "MBB" AND "MIB" CIRCUIT BREAKERS ARE MADE USING COPPER BUS BARS.
- OPTIONAL 1200A RATED NEUTRAL BUS PROVIDED WITH MECHANICAL LUGS THAT ACCEPT A TOTAL OF (4) #6 - 350 MCM CABLES.
- GROUND LUG ACCEPTS (4) #6 - 350 MCM CABLES.
- MECHANICAL LUGS USED FOR THE AØ, BØ, AND CØ ON THE UTILITY INPUT & THE OUTPUT LOAD HAVE THE SAME WIRE RANGE AS THE CIRCUIT BREAKERS.
- VOLTAGE BETWEEN THE AØ AND BØ MUST BE 480V±10% FOR THE SKRU CIRCUIT TO FUNCTION PROPERLY.
- 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.

90820 SERIES MAINTENANCE BYPASS BREAKER CABINET		
500-600A, 480V, 3Ø 3W OR 4W, 3 BREAKER WITH SKRU		
INTERLOCK CONFIGURATION 42		
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DIMENSIONS ARE IN INCHES:	INITIALS	DATE
TOLERANCES:	DRAWN ABB	12/18/2018
DECIMALS: .XX ±.13	CHECKED ABB	12/18/2018
ANGLES: ±1"		
SCALE: SIZE: A	REV: 1	SHEET 2 OF 2
NTS		

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DRAWING #: 90820-C42-3BRK-SD01-2 REV 1