CATALOG NUMBER:
CP3B51C14AABKSL1

MILBANK

MADE IN U.S.A.

SHIPPING MAY LOOSEN ELECTRICAL CONNECTIONS. **CHECK TIGHTNESS BEFORE ENERGIZING.**
BONDED NEUTRAL - REMOVE NEUTRAL LOAD CONDUCTORS FOR TEST PURPOSES ONLY.
FIELD INSTALLED CONDUCTORS SHALL BE 60° C, 75° C, OR 90° C, SIZED TO 60° C RATING FOR 110 AMPS OR LESS; AND 75° C OR 90° C FOR 125 AMPS AND ABOVE.

UN-SWITCHED, METERED CIRCUIT DIRECTORY

NO.	AMP.	Poles	CIRCUIT DESCRIPTION	NO.	AMP.	Poles	CIRCUIT DESCRIPTION
1	100	2	MAIN	2	15	1	CONTROL
3				4	60	2	SWITCHED LC CONTROL
5	50	2	SPARE	6			
7				8	30	1	SPARE
9				10	30	2	SPARE
11				12			

SWITCHED, METERED CIRCUIT DIRECTORY

NO.	AMP.	Poles	CIRCUIT DESCRIPTION	NO.	AMP.	Poles	CIRCUIT DESCRIPTION
13	30	2	SPARE	14	30	1	SPARE
15				16			
17				18			
19				20			

AIC RATING	MAIN	BRANCHES
10	SIEMENS TYPE QP; CUTLER HAMMER TYPE HQP, BR; GE TYPE THQL	SIEMENS TYPE: QP (1-POLE 70A MAX), QT, QPF; CUTLER HAMMER TYPE BR, QFCB, HQP, QPGF; GE TYPE TQL, THQL, THQL-GF
22	SIEMENS TYPE QHP; CUTLER HAMMER TYPE QPHW, BRH; GE TYPE THHQL	SIEMENS TYPE: QPH (1-POLE 70A MAX), QPHF; CUTLER HAMMER TYPE: BRH, QPHW, QPHGF; GE TYPE THHQL, THHQL-GF
22 SERIES RATED	SIEMENS QPH	SIEMENS TYPE: QP (1-POLE 70A MAX), QT,QPF
	CUTLER HAMMER TYPE QPHW	CUTLER HAMMER TYPE HQP, QPGF
	GE TYPE THHQL	GE TYPE THQL

CIRCUIT BREAKER HANDLE TRIP POSITION IS BETWEEN " ON" AND "OFF". TO RESET BREAKER, MOVE THE HANDLE TO THE FULL "OFF" POSITION, AND THEN TO FULL "ON" POSITION.

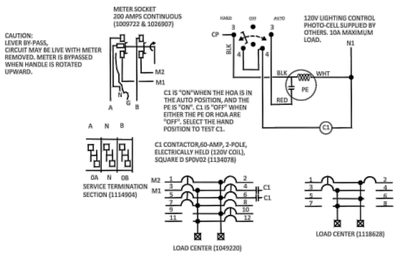
120/240 VAC, 1-PHASE,3-WIRE; 100AMPS MAX., (SEE MAIN CIRCUIT BREAKER RATING) RAINPROOF - TYPE 3R, ALUMINUM ENCLOSURE, PAINTED BLACK (RAL 9017) ENCLOSED INDUSTRIAL CONTROL - SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT THE SHORT CIRCUIT RATING IS 10,000 RMS SYMMETRICAL AMPERES MAX. AT 240V MAX.,IN ACCORDANCE WITH THE TABLE BELOW, BUT IS LIMITED TO THE LOWEST SHORT CIRCUIT RATING OF ANY INSTALLED CIRCUIT BREAKER. WATT HOUR METER IS NOT INCLUDED IN THE SHORT CIRCUIT RATING. REPLACEMENT CIRCUIT BREAKERS MUST BE OF THE SAME TYPE AND RATING.

TERMINAL INFORMATION, USE AL/CU CONDUCTORS

FIELD WIRED CONNECTORS				BUS CONNECTIONS		
		Slotted Head Screws		Threadforming Screws		
Socket Size	Torque Lb-In.	AWG Wire Size	Torque Lb-In. Small Hole	Torque Lb-In. Large Hole	SCREW	MAT'L
5/16"	275	# 14-10	20	35	10-24	AL
3/8"	375	#8	25	40	10-24	CU
1/2"	500	#6	35	45	1/4-20	AL
9/16"	600	#4	-	45	1/4-20	CU
		#3-1/0	-	50		

Torque, Lb-In.	AWG Wire Size	Small Hole	Large Hole
30	#14-10	1-2	1-2
50	#10	1	1
50	#8-6	1	1
72	#4-1/0		1

For Equipment Ground ONLY, multiple connectors in a single opening are permissable as indicated below.

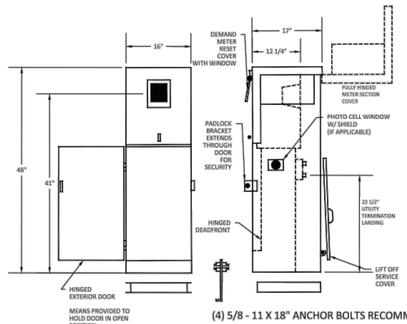


120V/240 VAC, 1-PHASE,3-WIRE; 100AMPS MAX., (SEE MAIN CIRCUIT BREAKER RATING) RAINPROOF - TYPE 3R, ALUMINUM ENCLOSURE, PAINTED BLACK (RAL 9017) ENCLOSED INDUSTRIAL CONTROL - SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT.

GENERAL NOTES:

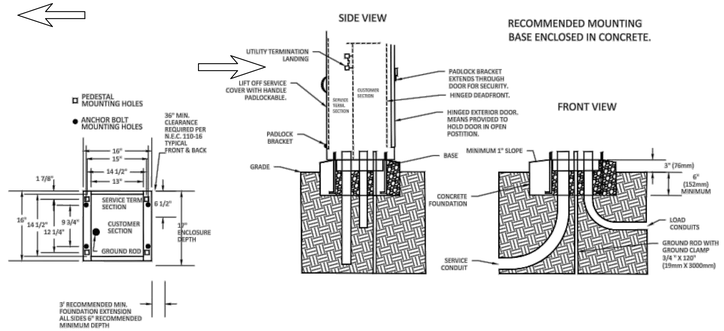
THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE CORRECT METER BASE TO BE INSTALLED WITH THE UTILITY PROVIDING POWER TO THE METER.

16" COMMERCIAL PEDESTAL



(4) 5/8 - 11 X 18" ANCHOR BOLTS RECOMMENDED

TYPICAL CONSTRUCTION & INSTALLATION DETAILS



CATALOG NUMBER:
CP3B51C14BABKSL_

MILBANK

MADE IN U.S.A.

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120 / 240 VAC, 1 PHASE, 3 WIRE; 100 AMPS MAX., (SEE MAIN CIRCUIT BREAKER RATING) RAINPROOF - TYPE 3R, ALUMINUM ENCLOSURE, PAINTED BLACK (RAL 9017) ENCLOSED INDUSTRIAL CONTROL - SUITABLE ONLY FOR USE AS SERVICE EQUIPMENT THE SHORT CIRCUIT CURRENT RATING IS 10,000 RMS SYMMETRICAL AMPERES MAX. AT 240 VOLTS MAX.,IN ACCORDANCE WITH THE TABLE BELOW, BUT IS LIMITED TO THE LOWEST SHORT CIRCUIT RATING OF ANY INSTALLED CIRCUIT BREAKER. WATT HOUR METER IS NOT INCLUDED IN THE SHORT CIRCUIT RATING. REPLACEMENT CIRCUIT BREAKERS MUST BE OF THE SAME TYPE AND RATING.

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		#3-1/0	-	50		

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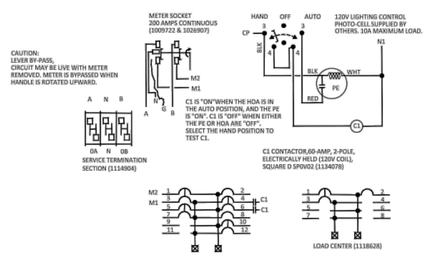

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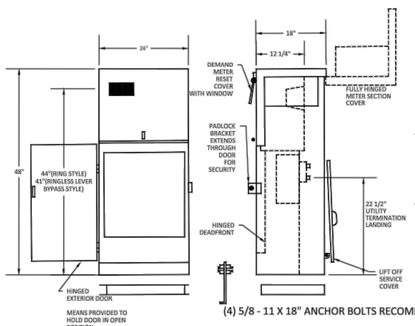
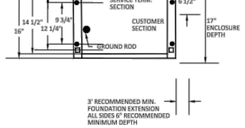
24" COMMERCIAL PEDESTAL

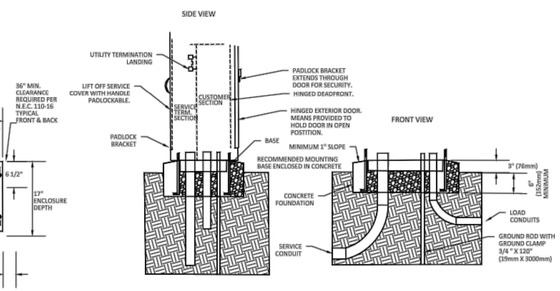


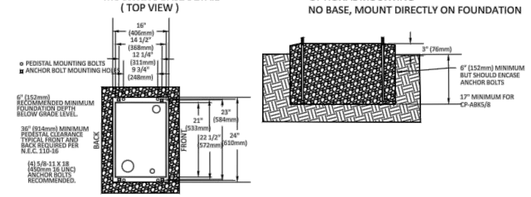
(4) 5/8 - 11 X 18" ANCHOR BOLTS RECOMMENDED



MOUNTING BASE DETAIL

TYPICAL "B" AND "M" SIZE CONSTRUCTION & INSTALLATION





REVISION DATE		
10/2017	New Detail Sheet	A.S.

CITY OF WICHITA

PUBLIC WORKS & UTILITIES ENGINEERING DIVISION

UNDERGROUND FEED JUNCTION BOXES DETAILS

TRAFFIC ENGINEER
BRIAN A. COON P.E.

PROJECT NUMBER	OCA NUMBER	DATE
472-2021-085741	E1070	8/8/2022

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501

SHEET
18 OF 31