

NOTES:

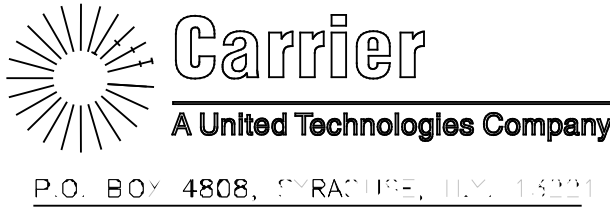
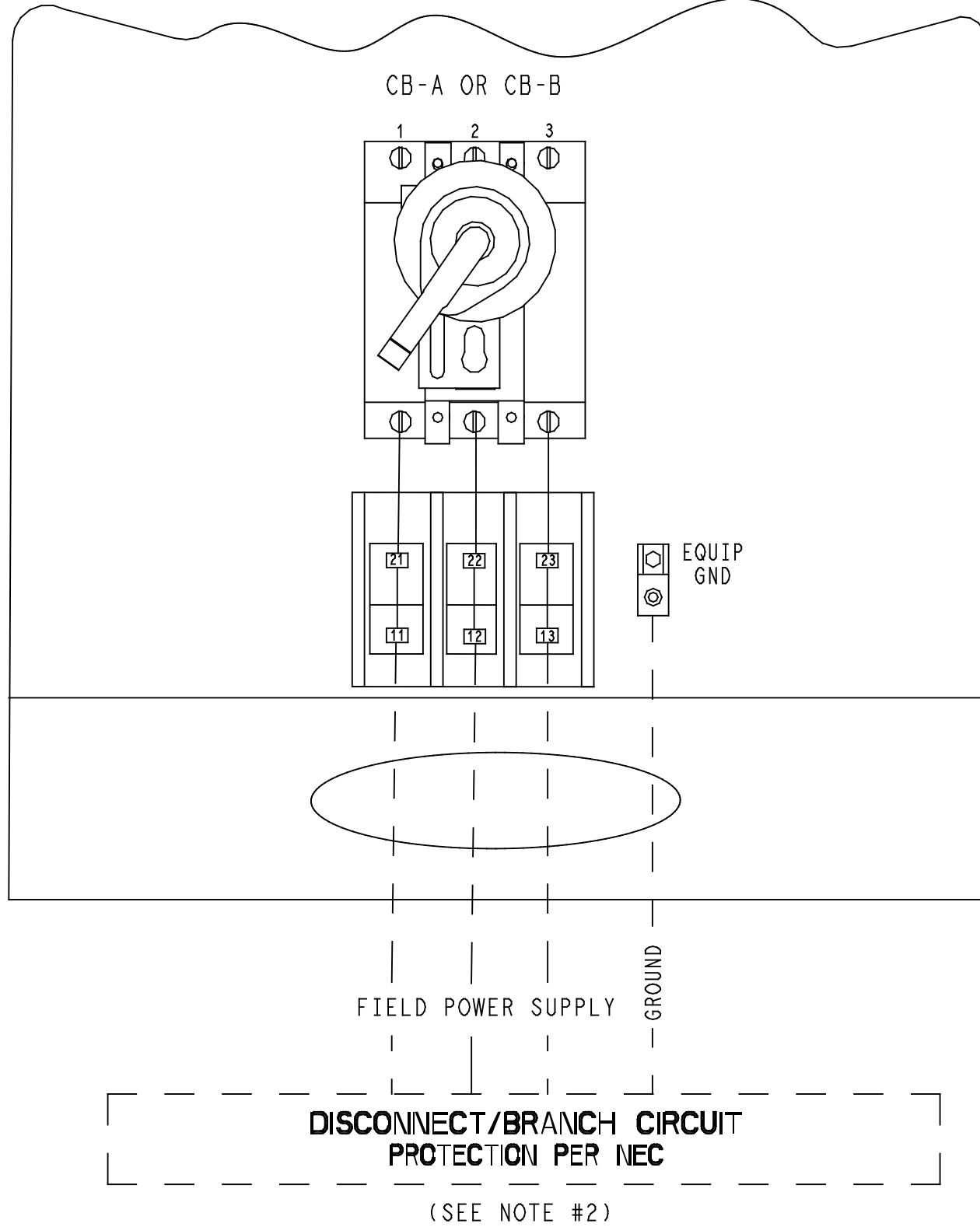
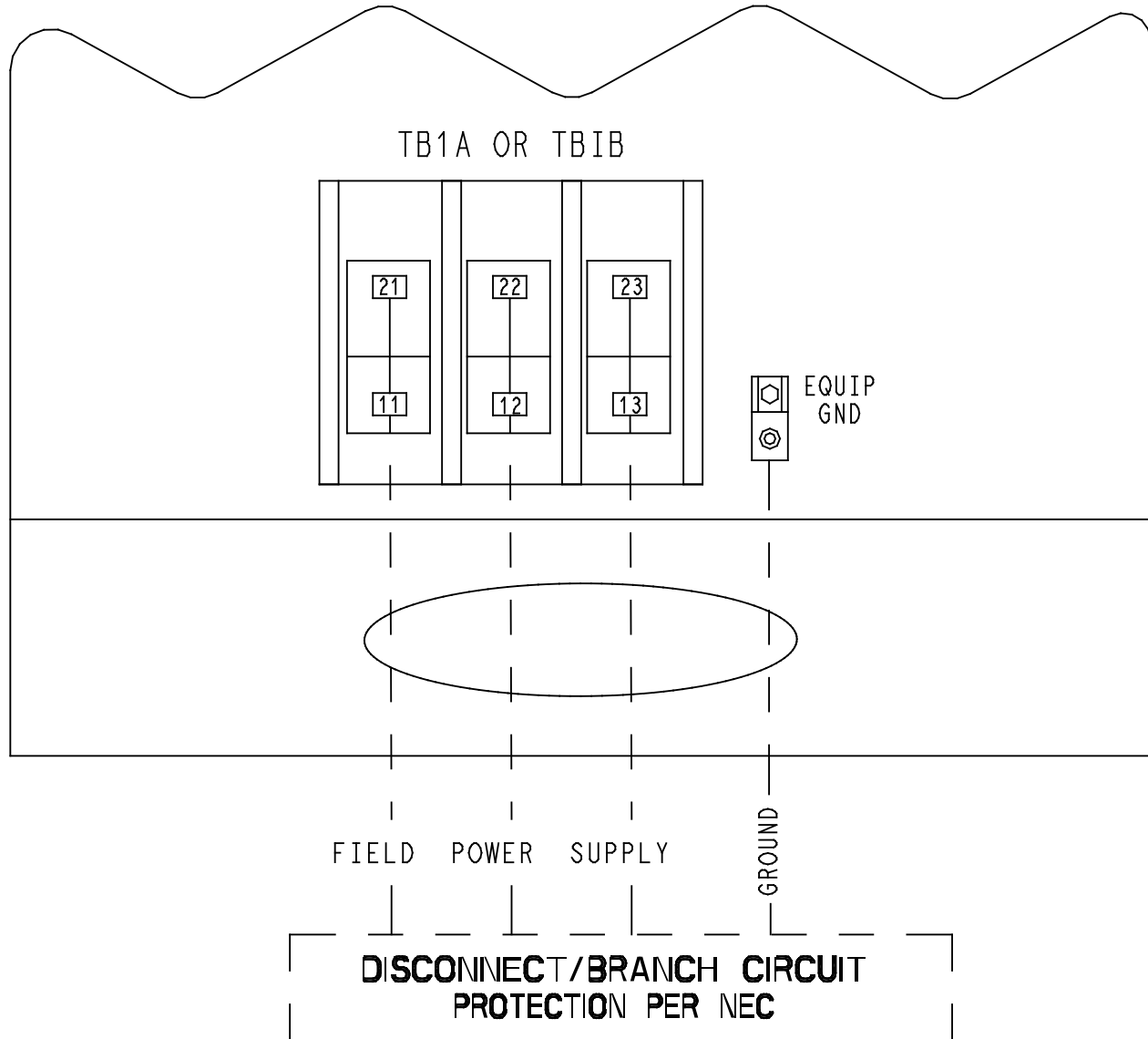
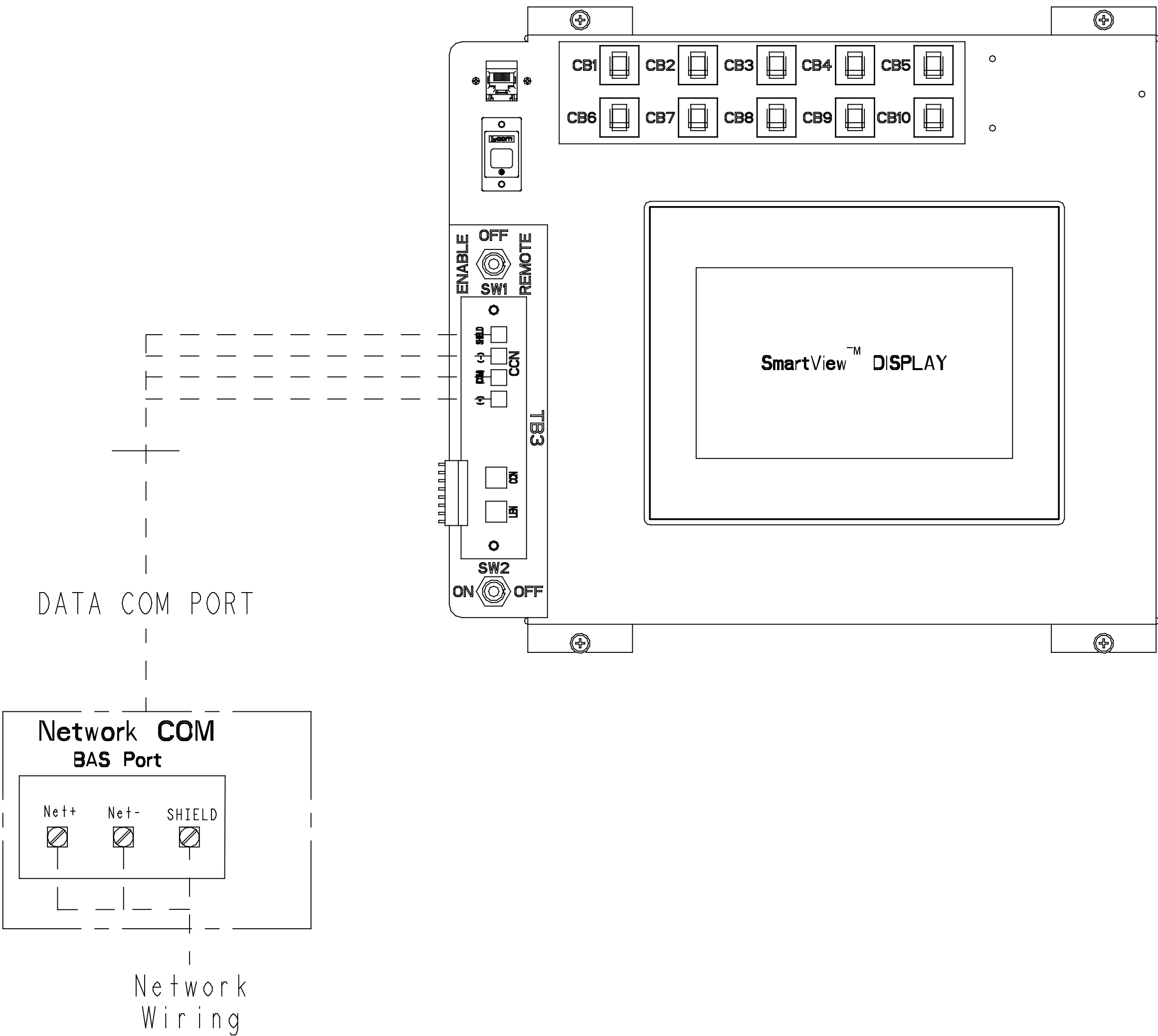
1. FACTORY WIRING IS IN ACCORDANCE WITH UL 1995 STANDARDS. FIELD MODIFICATIONS OR ADDITIONS MUST BE IN COMPLIANCE WITH ALL APPLICABLE CODES.
2. WIRING FOR MAIN FIELD SUPPLY MUST BE RATED 75C MINIMUM. USE COPPER FOR ALL UNITS.

30XV UNIT SIZE	VOLTAGE	DISCONNECT OPTION	NO. OF CONDUCTORS PER PHASE	LUG RANGE
SINGLE POINT POWER				
140-200	208/230V	NO	4	#2AWG - 750 KCMIL
140-325	380-575V	NO	2	#2AWG - 600 KCMIL
140-200	380-575V	NFD	2	2/0 - 500 KCMIL
225-325	380-440V	NFD	4	4/0 - 500 KCMIL
225-325	460-575V	NFD	3 or (2)	3/0 - 400 KCMIL OR (500KCMIL-750KCMIL)
350-500	380-440V	NO	6	#2AWG - 750 KCMIL
350-500	460-575V	NO	4	#2AWG - 750 KCMIL
350-500	380-440V	NFD	6	#2AWG - 600 KCMIL
350-500	460-575V	NFD	4	4/0 - 500 KCMIL
DUAL POINT POWER				
140-200	208/230V	NO	3	3/0 - 400 KCMIL
140-200	380-575V	NO	1 OR (2)	2/0-500 KCMIL OR (2/0-250 KCMIL)
225-325	380-575V	NO	2	#2AWG - 500 KCMIL
140-200	380-575V	NFD	1 OR (2)	2/0-500 KCMIL OR (2/0-250 KCMIL)
225-325	380-575V	NFD	2	#2AWG - 500 KCMIL
350-500	380-440V	NO	4	#2AWG - 750 KCMIL
350-500	460-575V	NO	2	#2AWG - 600 KCMIL
350-500	380-575V (HSCCR)	NO	3	3/0 - 400 KCMIL

3. TERMINALS 9 AND 10 OF TB5 ARE FOR FIELD EXTERNAL CONNECTIONS FOR REMOTE ON-OFF. THE CONTACTS MUST BE RATED FOR DRY CIRCUIT APPLICATION CAPABLE OF HANDLING A 24VAC LOAD UP TO 50 MA.
4. TERMINALS 11 AND 23 OF TB5 ARE FOR CONTROL OF CHILLED WATER PUMP 1 (PMP 1) STARTER. TERMINALS 15 AND 22 OF TB5 ARE FOR CONTROL OF CHILLED WATER PUMP 2 (PMP 2) STARTER. THE MAXIMUM LOAD ALLOWED FOR THE CHILLED WATER PUMP RELAY IS 5 VA SEALED, 10 VA INRUSH AT 24 V. FIELD POWER SUPPLY IS NOT REQUIRED.
5. TERMINALS 12 AND 21 OF TB5 ARE FOR A ALARM RELAY. THE MAXIMUM LOAD ALLOWED FOR THE ALARM RELAY IS 10 VA SEALED, 25 VA INRUSH AT 24V. FIELD POWER SUPPLY IS NOT REQUIRED.
6. MAKE APPROPRIATE CONNECTIONS TO TB6 AS SHOWN FOR ENERGY MANAGEMENT BOARD OPTIONS. THE CONTACTS FOR OCCUPANCY OVERRIDE, DEMAND LIMIT AND ICE DONE OPTIONS MUST BE RATED FOR DRY CIRCUIT APPLICATION CAPABLE OF HANDLING A 24VAC LOAD UP TO 50 MA.
7. TERMINAL BLOCKS, TB5 & TB6 ARE LOCATED IN THE LOW VOLTAGE SECTION OF POWERBOX FOR ALL UNITS. REFER TO CERTIFIED DIMENSIONAL DRAWING FOR EACH UNIT TO GET THE EXACT LOCATIONS.
8. REFER TO CERTIFIED DIMENSIONAL DRAWINGS FOR EXACT LOCATIONS OF THE MAIN POWER AND CONTROL POWER ENTRANCE LOCATIONS.
9. TERMINALS 18 & 26 OF TB6 ARE FOR ALERT RELAY AND TERMINALS 20 & 26 OF TB6 ARE FOR SHUTDOWN RELAY. THE MAXIMUM LOAD ALLOWED FOR THE ALERT AND SHUTDOWN RELAY IS 10 VA SEALED, 25 VA INRUSH AT 24V. FIELD POWER SUPPLY IS NOT REQUIRED.

LEGEND:

- A - ALARM
PMP - CHILLED WATER PUMP
EMM - ENERGY MANAGEMENT
TB - TERMINAL BLOCK
MLV - MINIMUM LOAD VALVE
NEC - NATIONAL ELECTRIC CODE
HSCCR - HIGH SHORT CIRCUIT CURRENT RATING
SCCR - SHORT CIRCUIT CURRENT RATING



JOB NAME:
-

BUYER:
-

SALES OFFICE:
-

MODEL NO:
-

JOB NO:
-

P.O. NO:
-

PREPARED BY:
-

FIELD WIRING CHARACTERISTICS:
-

JOB SITE LOCATION:
-

SALES OFFICE:
-

REFERENCE NO:
-

NOTES:
-

COND: 1, 2A-HF
COOLER: 2, 2A-2C
FIELD WIRING DRAWING: FWH

DATE: -

REVISION: ---

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CARRIER DWG #02V60002800-01

REV. 1 - SHEET 01 OF 01

DATE: 7-9-2020

SUPPLEMENTAL DWG. DATED: -

30XV

SHEET 01 OF 03