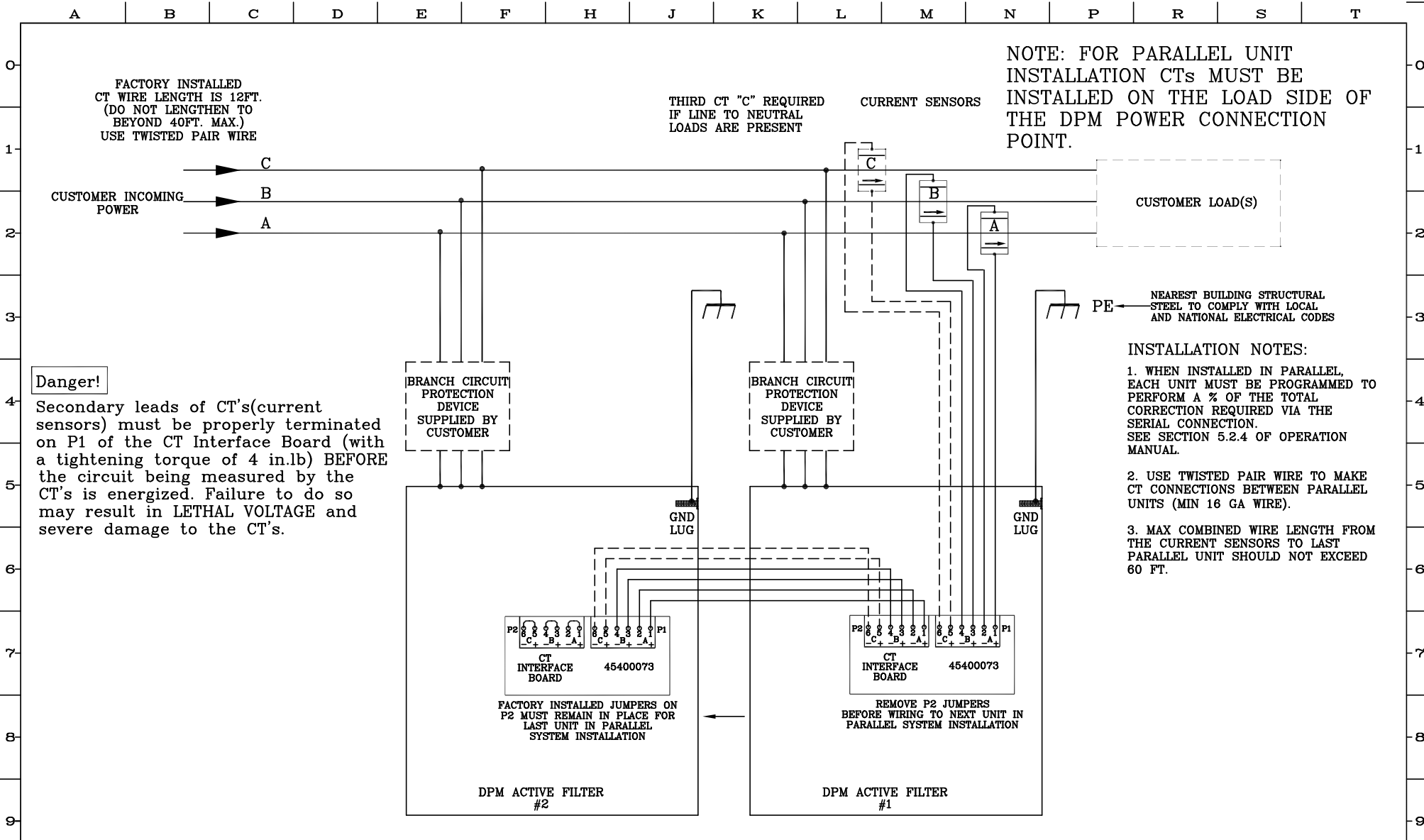


- REV. D' REQUIRED IF LINE TO NEUTRAL LOADS ARE PRESENT (05/07/08)
- REV. C' PC-BOARD 45400073 POLARITY CHANGE (08/28/07)
- REV. B' PC-BOARD 45400050 CHANGES TO 45400073. (01/23/07)
- REV. A' CURRENT SENSOR 'C' MADE OPTIONAL. (11/08/06)
- REV. F' PC-BOARD 45400076 new interface/control panel(05/5/09)
- REV. E' INPUT WIRE CURRENT RATING 200AMPS. (9/05/08)

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FACTORY INSTALLED  
CT WIRE LENGTH IS 12FT.  
(DO NOT LENGTHEN TO  
BEYOND 40FT. MAX.)  
USE TWISTED PAIR WIRE

THIRD CT "C" REQUIRED  
IF LINE TO NEUTRAL  
LOADS ARE PRESENT

CURRENT SENSORS

NOTE: FOR PARALLEL UNIT  
INSTALLATION CTs MUST BE  
INSTALLED ON THE LOAD SIDE OF  
THE DPM POWER CONNECTION  
POINT.

CUSTOMER LOAD(S)

PE ← NEAREST BUILDING STRUCTURAL  
STEEL TO COMPLY WITH LOCAL  
AND NATIONAL ELECTRICAL CODES

**Danger!**

Secondary leads of CT's(current sensors) must be properly terminated on P1 of the CT Interface Board (with a tightening torque of 4 in.lb) BEFORE the circuit being measured by the CT's is energized. Failure to do so may result in LETHAL VOLTAGE and severe damage to the CT's.

BRANCH CIRCUIT  
PROTECTION  
DEVICE  
SUPPLIED BY  
CUSTOMER

BRANCH CIRCUIT  
PROTECTION  
DEVICE  
SUPPLIED BY  
CUSTOMER

CT  
INTERFACE  
BOARD  
45400073

CT  
INTERFACE  
BOARD  
45400073

FACTORY INSTALLED JUMPERS ON  
P2 MUST REMAIN IN PLACE FOR  
LAST UNIT IN PARALLEL  
SYSTEM INSTALLATION

REMOVE P2 JUMPERS  
BEFORE WIRING TO NEXT UNIT IN  
PARALLEL SYSTEM INSTALLATION

DPM ACTIVE FILTER  
#2

DPM ACTIVE FILTER  
#1

INSTALLATION NOTES:

1. WHEN INSTALLED IN PARALLEL, EACH UNIT MUST BE PROGRAMMED TO PERFORM A % OF THE TOTAL CORRECTION REQUIRED VIA THE SERIAL CONNECTION. SEE SECTION 5.2.4 OF OPERATION MANUAL.
2. USE TWISTED PAIR WIRE TO MAKE CT CONNECTIONS BETWEEN PARALLEL UNITS (MIN 16 GA WIRE).
3. MAX COMBINED WIRE LENGTH FROM THE CURRENT SENSORS TO LAST PARALLEL UNIT SHOULD NOT EXCEED 60 FT.

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	MESTA ELECTRONICS, INC. 45900018-1		TYPED ANGLE PROJECTION		MESTA ELECTRONICS, INC.		STD		D	
	MESTA ELECTRONICS, INC.		TYPED ANGLE PROJECTION		MESTA ELECTRONICS, INC.		STD		D	
	MESTA ELECTRONICS, INC.		TYPED ANGLE PROJECTION		MESTA ELECTRONICS, INC.		STD		D	