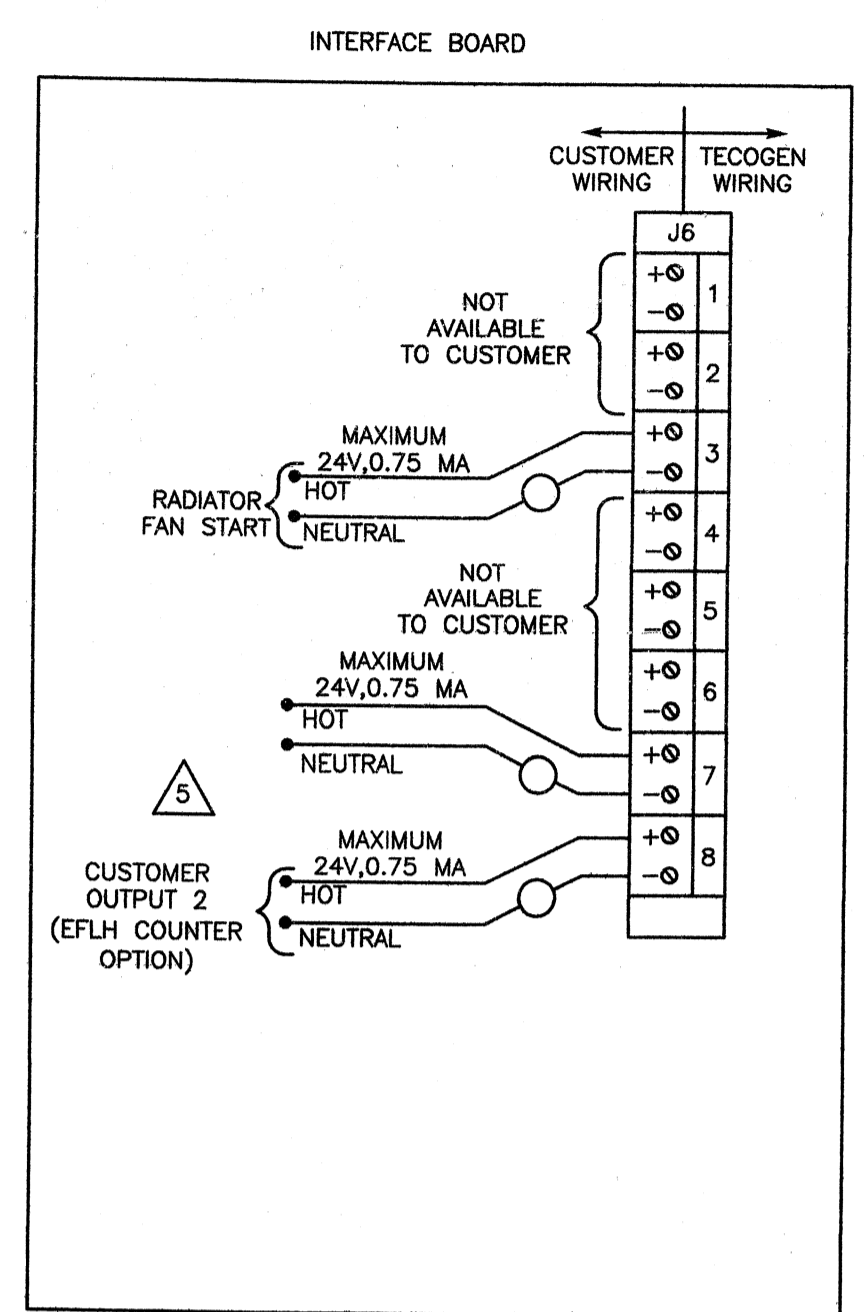
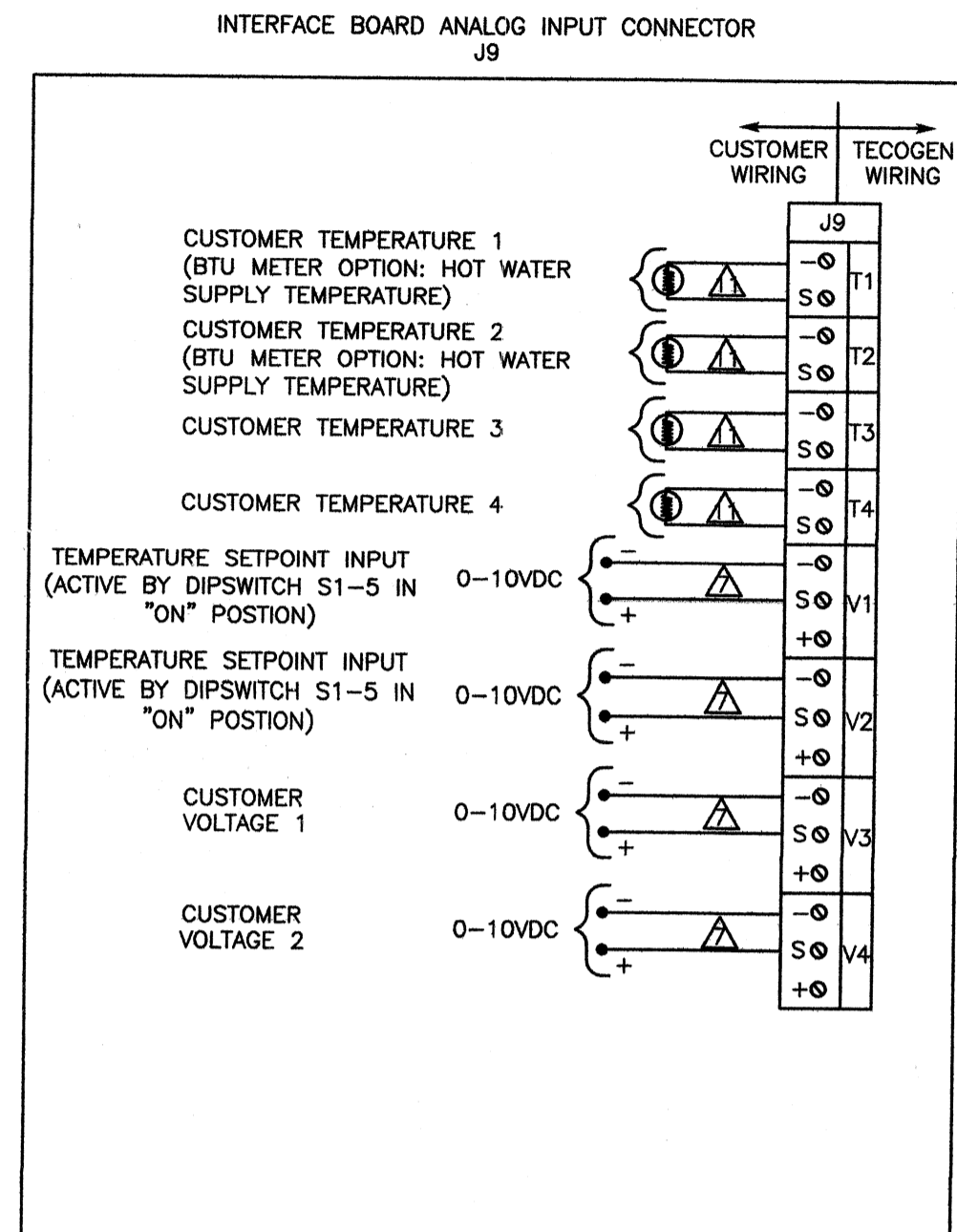
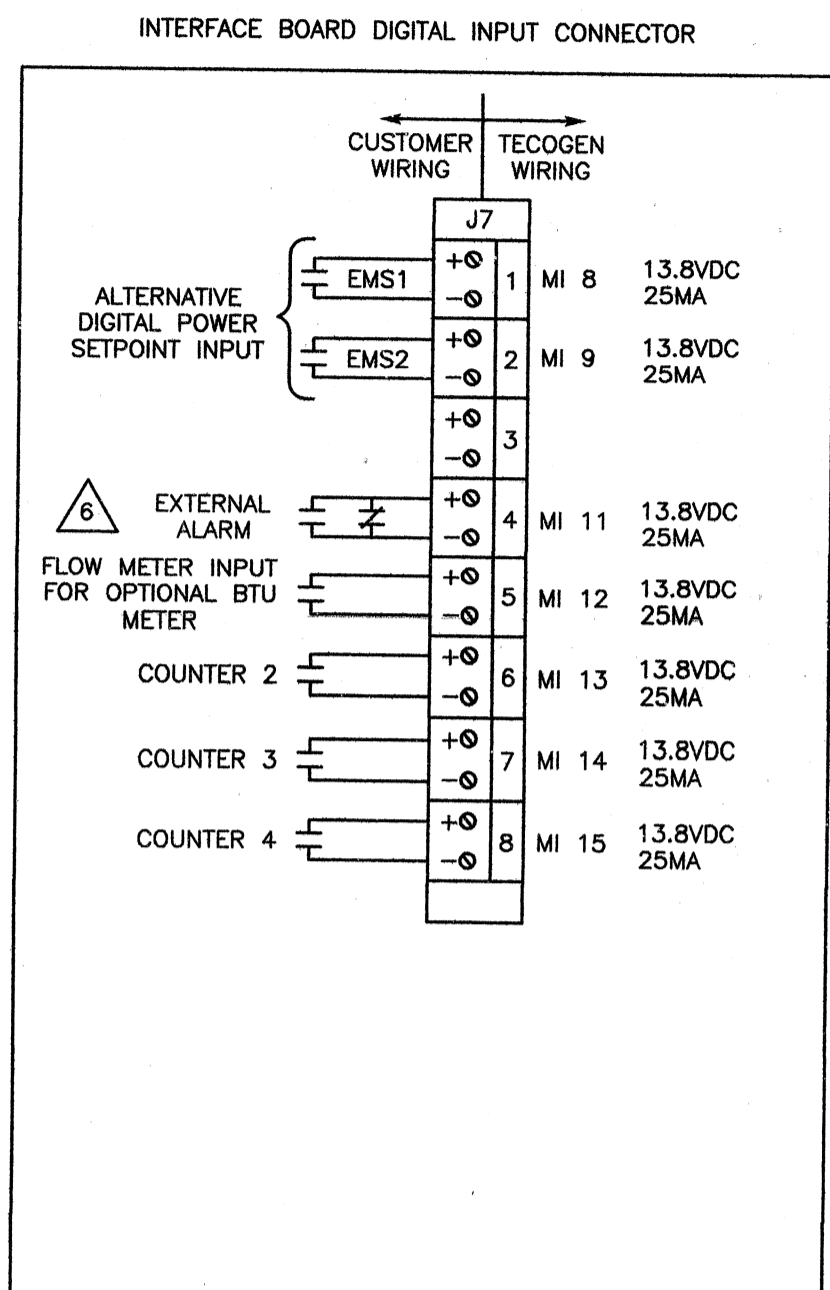


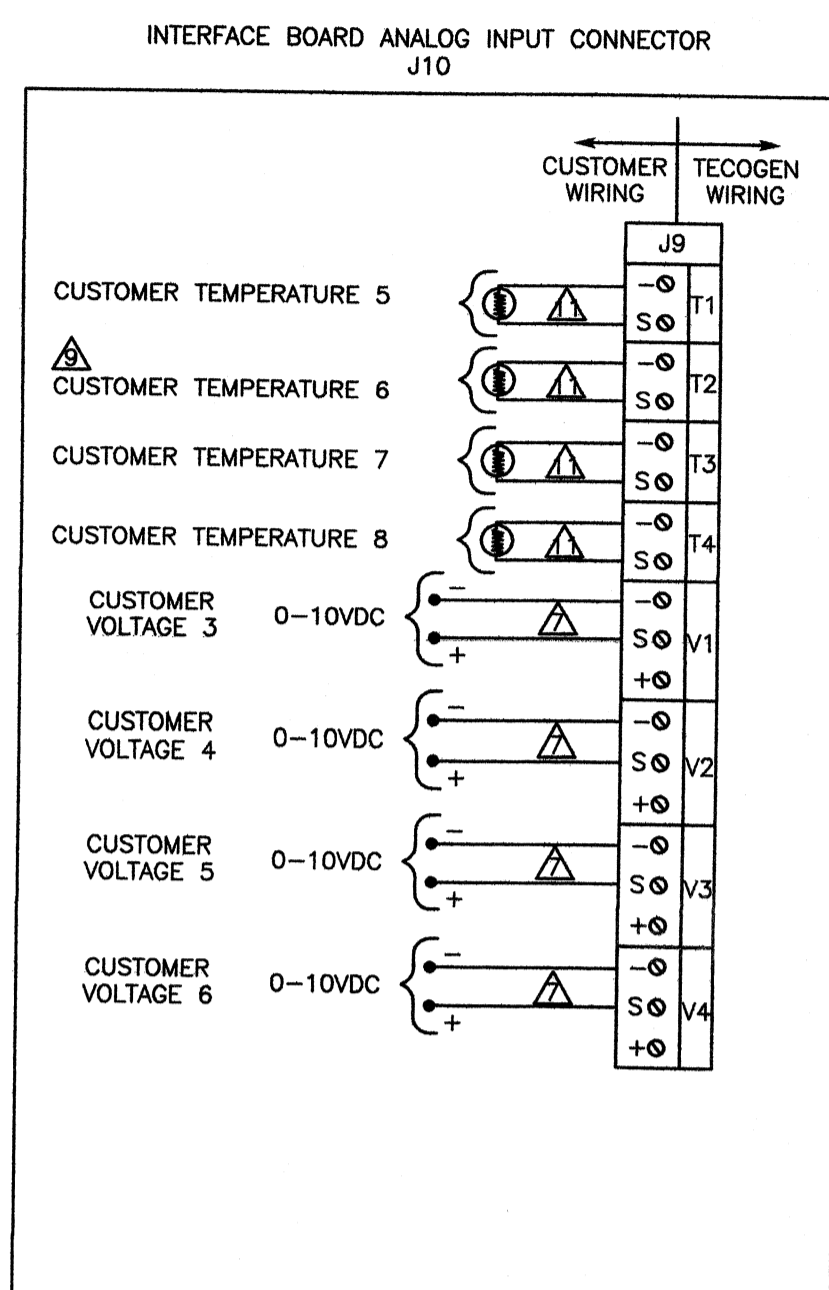
- 1 THE TECOGEN CAN START/STOP BOTH THE HEAT RECOVERY PUMP AND AN EXTERNAL VENTILATION FAN. POWER FROM AN OUTSIDE SOURCE MUST BE BROUGHT IN. IF POWER FOR BOTH DEVICES DOES NOT EXCEED 120 VAC, 15 AMPS, THEN THESE DEVICES CAN BE POWERED DIRECTLY FROM THE MODULE OUTPUTS. OTHERWISE THE OUTPUT TO ENERGIZE THE MOTOR STARTERS.
- 2 HEAT RECOVERY PUMP AND CAPACITORS ARE PRE-WIRED ON INTEGRATED UNITS. PUMP IS 3/4 HP 11.2 FLA
- 3 FOR TECOGEN'S RECOMMENDED DESIGN FOR POWER FACTOR CORRECTION, SEE APPENDIX 2 OF INSTALLATION MANUAL. THIS EQUIPMENT IS BASED ON 120V
- 4 IF EXTERNAL PROTECTIVE RELAY IS USED, THE JUMPER ACROSS TS16 AND TS17 SHOULD BE REMOVED.



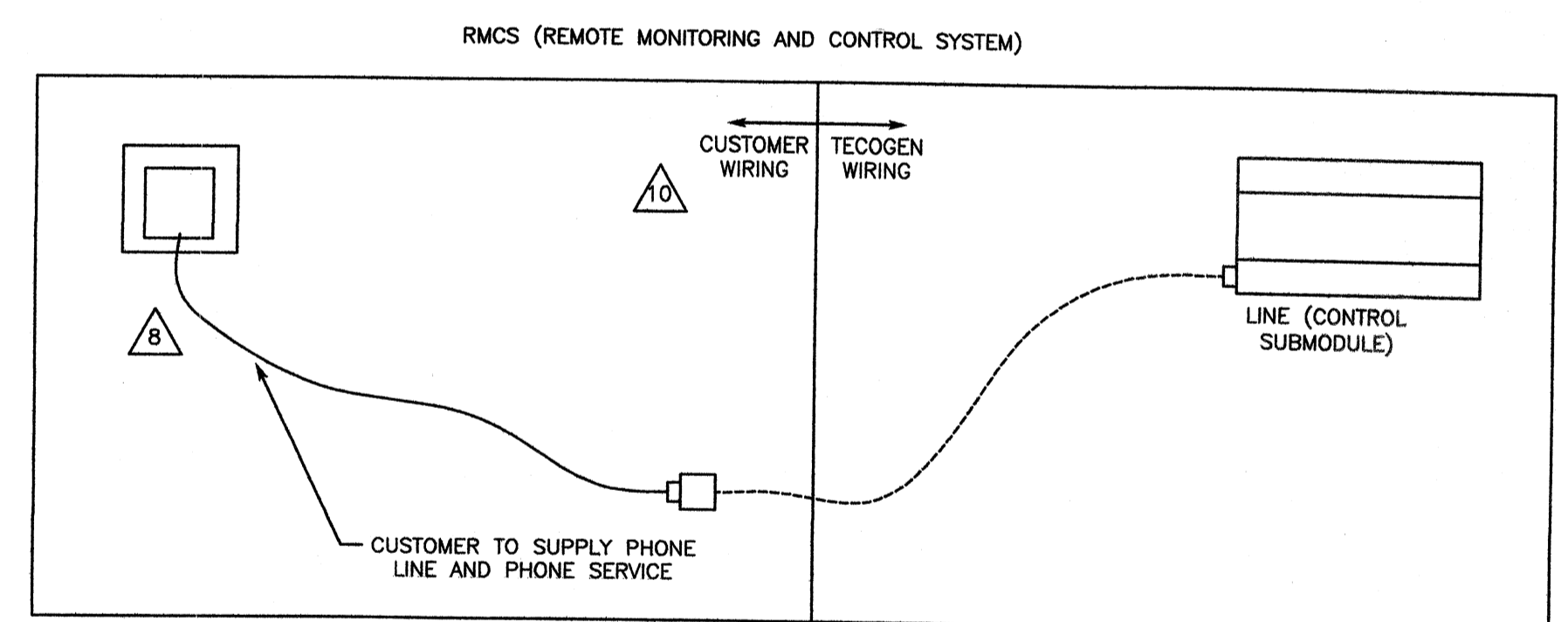
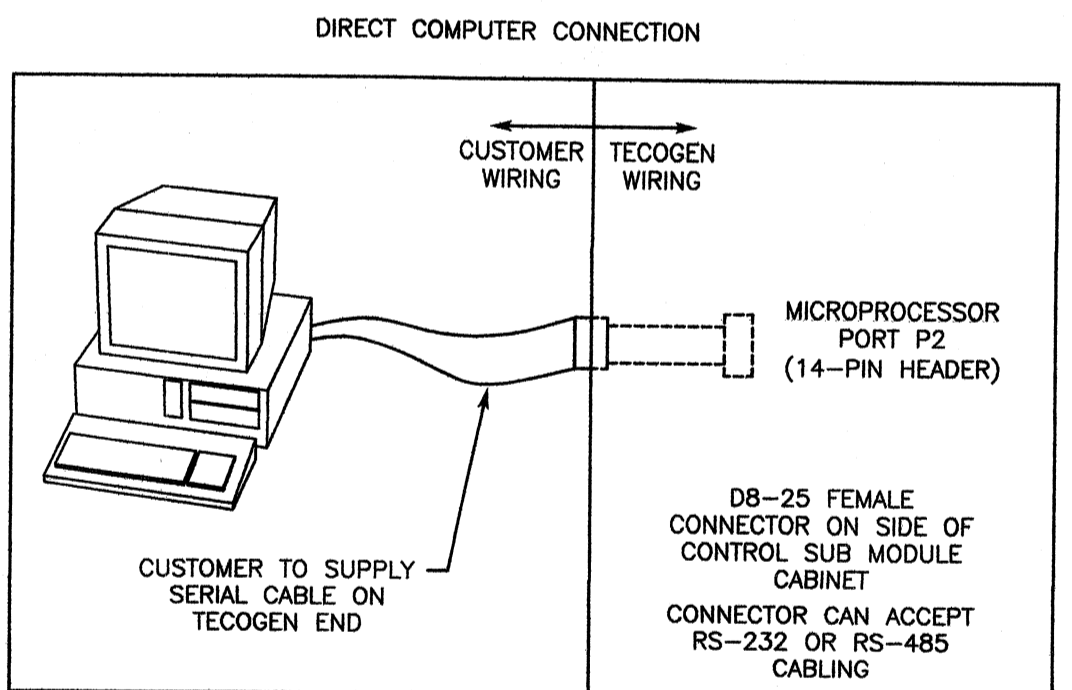
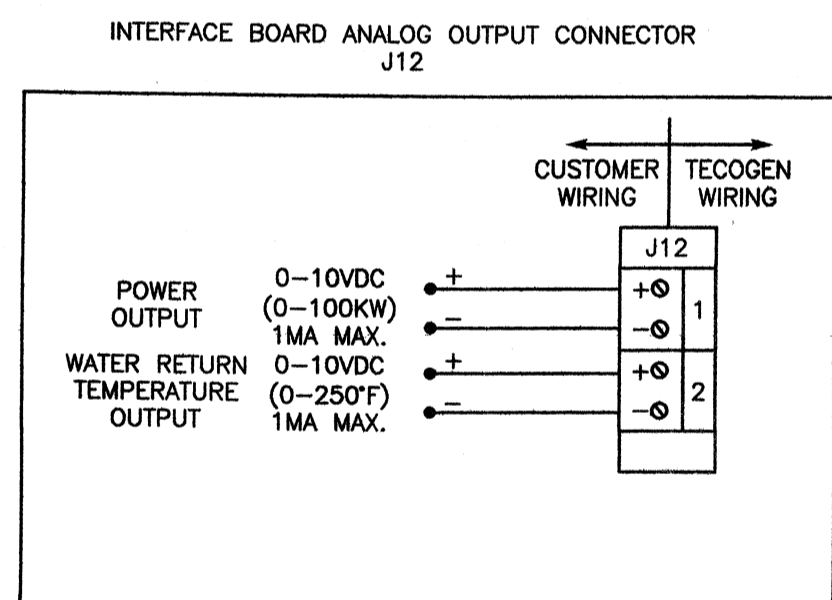
- 5 THIS IS AN OUTPUT THAT IS MANUALLY ENERGIZED BY THE CUSTOMER VIA WINRMS.
- 6 EXTERNAL ALARM INPUT CONFIGURABLE BY DIPSWITCH FOR N.O. OR N.C. OPERATION.



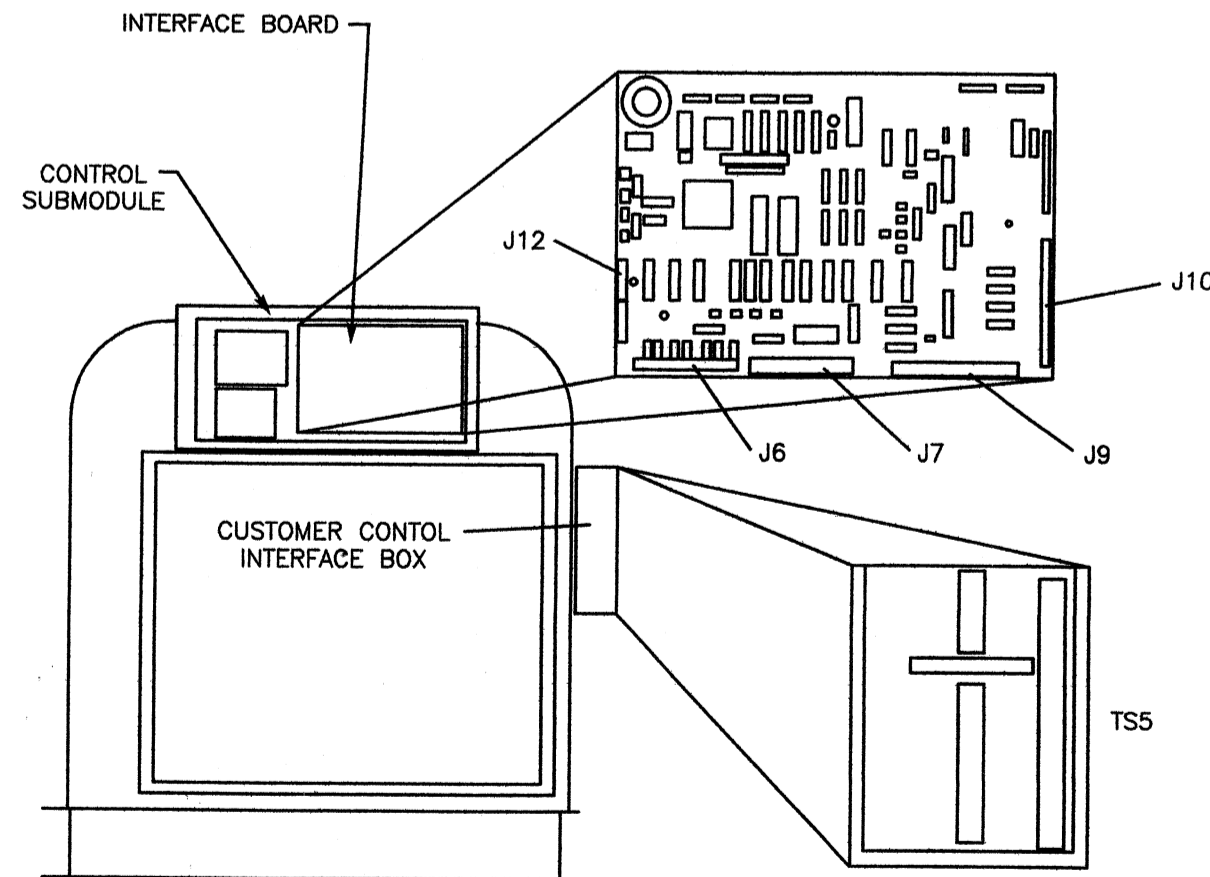
- 7 THERMISTORS FOR THE OPTIONAL TEMPERATURES MUST BE OBTAINED FROM TECOGEN.
- 8 A 4-20 MA CIRCUIT MAY BE USED IN PLACE OF A 0-10VDC CIRCUIT BY SIMPLY INSTALLING A 501 OHM RESISTOR ACROSS THE TWO TERMINALS. THE 4 MA SIGNAL WILL BE INTERPRETED AS A 2VDC SIGNAL 20 MA AS 10VDC. THIS 4-20MA CIRCUIT MUST BE UNGROUNDED.



- 9 USE FOR RADIATOR INLET TEMPERATURE IF TRACKING THERMAL USAGE-SEE APPLICATION NOTE 02-002



- 8 FOR MULTIPLE UNIT INSTALLATIONS (UP TO 4) A TELEPHONE LINE SWITCH BOX IS AVAILABLE FROM TECOGEN SO THAT ONLY ONE PHONE SERVICE LINE IS NECESSARY
- 10 PHONE LINE PENETRATES CONTROL SUB MODULE CABINET SO CONNECTOR IS ACCESSIBLE.



REVISIONS		
REV.	DESCRIPTION	DATE

CONSULTANT:  
**SALAMONE & ASSOCIATES, P.C.**  
 CONSULTING ENGINEERS  
 3035 Whitney Avenue  
 Hamden, Connecticut 06518  
 Phone: (203) 281-8895 Fax: (203) 287-8728

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NOTES:

PROJECT TITLE  
 CONTRACT DOCUMENTS FOR COGENERATION SYSTEM AT THE  
**CUMBERLAND COUNTY JAIL**  
 50 COUNTY WAY, PORTLAND, MAINE

DRAWING TITLE  
**CUSTOMER INTERCONNECTION WIRING**

JOB NUMBER	3151.01
PROJECT MANAGER	JAS
ENGINEER/DESIGNER	FB
DRAWN BY	ST
SCALE	AS NOTED
DATE	OCTOBER 31, 2012

CAD FILE:

SEAL: [Signature]

DRAWING NO. **E-4**