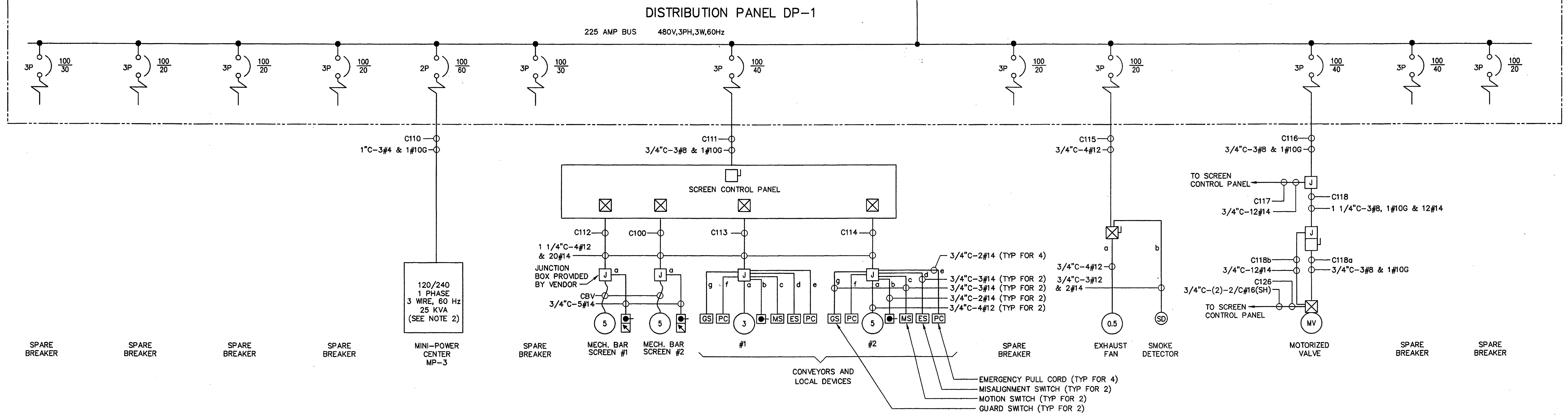
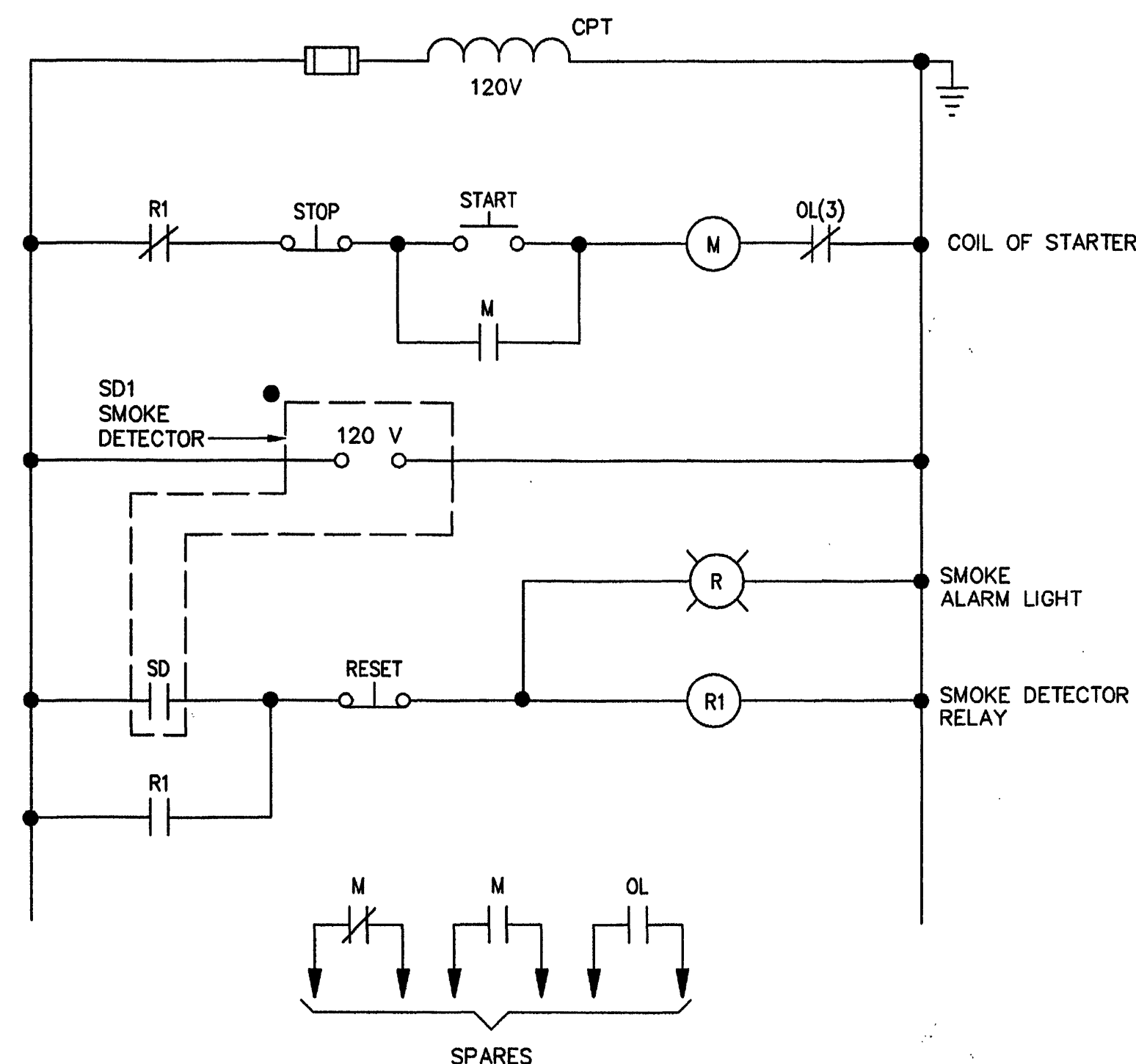


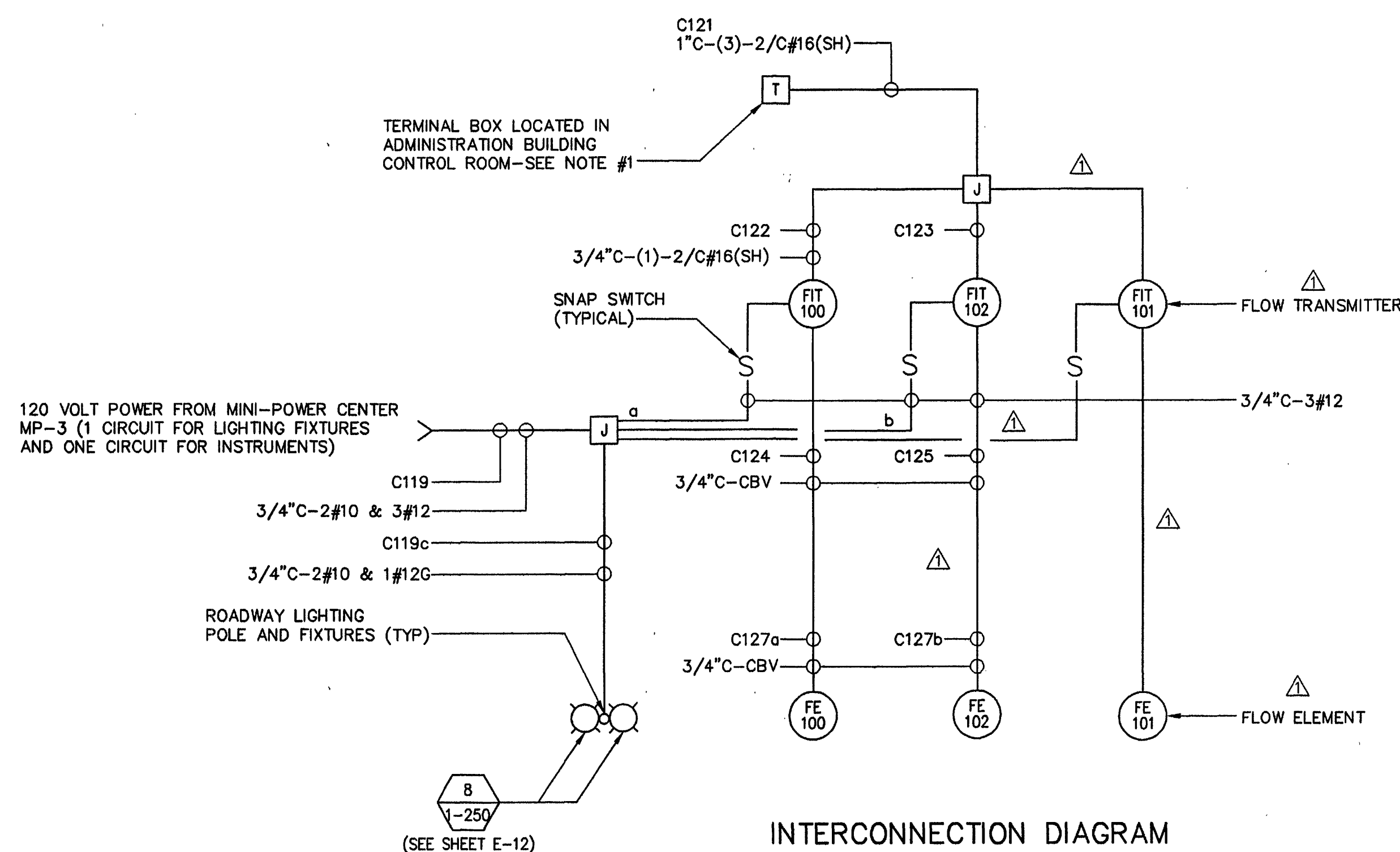
DISTRIBUTION PANEL DP-1
 LOCATION: PLANT INFLUENT PUMP STATION EQUIPMENT ENCLOSURE
 BUS BRACING: 42,000 AMPS RMS SYMMETRICAL (MINIMUM)
 I.C. OF BREAKERS: 30,000 AMPS RMS SYMMETRICAL (MINIMUM)



ONE LINE DIAGRAM



EXHAUST FAN
 (UNLESS NOTED OTHERWISE ALL DEVICES LOCATED
 IN COMBINATION STARTER ENCLOSURE)



INTERCONNECTION DIAGRAM

- NOTES:
- CONTRACTOR SHALL PROVIDE TERMINAL BOX (WITH ASSOCIATED TERMINAL BLOCKS) FOR FIT-100, FIT-101 AND FIT-102 IN EXISTING ADMINISTRATIVE BUILDING CONTROL ROOM. ROUTE CONDUIT AND WIRES (SIZE AS INDICATED ON DRAWING) FROM TRANSMITTERS TO TERMINAL BOX AND TERMINATE WIRES ON TERMINAL BLOCKS. COORDINATE THE EXACT LOCATION OF TERMINAL BOX WITH THE OWNER. SEE SHEET E-2 FOR ADMINISTRATION BUILDING AND CONTROL ROOM LOCATION.
 - PROVIDE MINI-POWER CENTER MP-3 WITH 26-1 POLE CIRCUIT BREAKERS. UNUSED BREAKERS SHALL BE IDENTIFIED AS SPARE BREAKERS. FOR BRANCH CIRCUIT BREAKERS REQUIREMENTS REFER TO THE DRAWINGS (SH. E-20 THRU E-22).

MALCOLM PIRNIE
 11832 Rook Landing Drive, Suite 400
 Newport News, Virginia 23606

REVISIONS			
NO.	BY	DATE	REMARKS
1	ARB	JAN. 2000	RECORD DRAWING

DES --- GJM ---
 DWN --- GJM ---
 CKD --- TK ---



CITY OF ROANOKE, VIRGINIA
 WATER POLLUTION
 CONTROL PLANT
 UPGRADE AND EXPANSION

PLANT INFLUENT PUMP STATION
 DISTRIBUTION PANEL DP-1
 ONE LINE DIAGRAM

SCALE: NONE

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 DATE --- MAY 1997 ---
 E SHEET 22 OF 36 ---
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