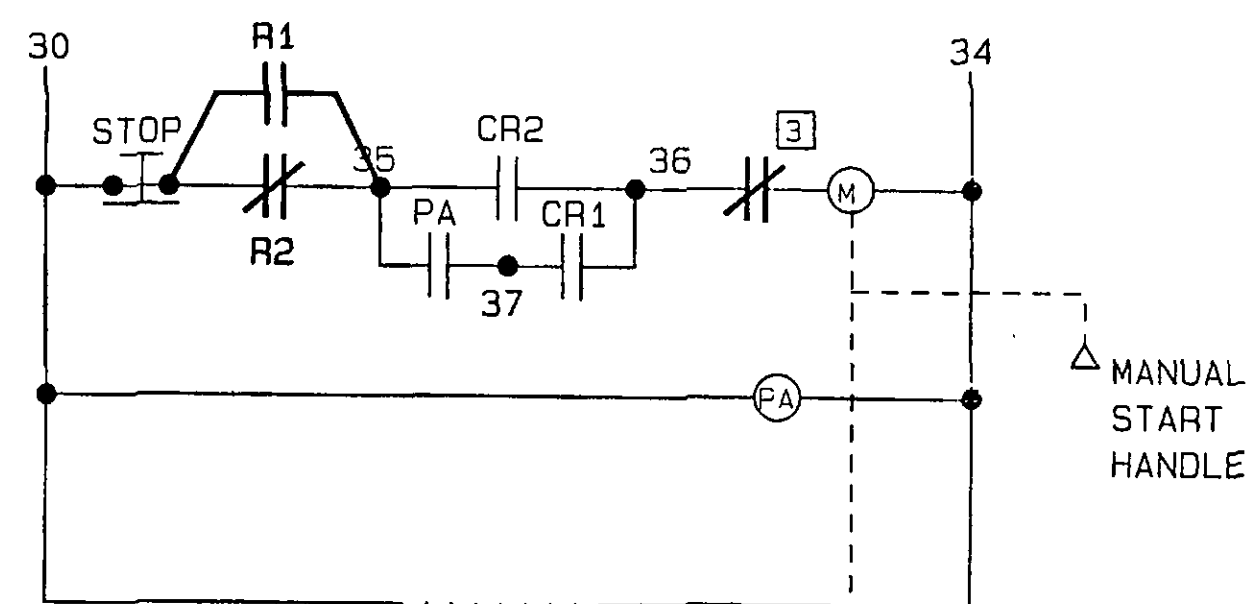
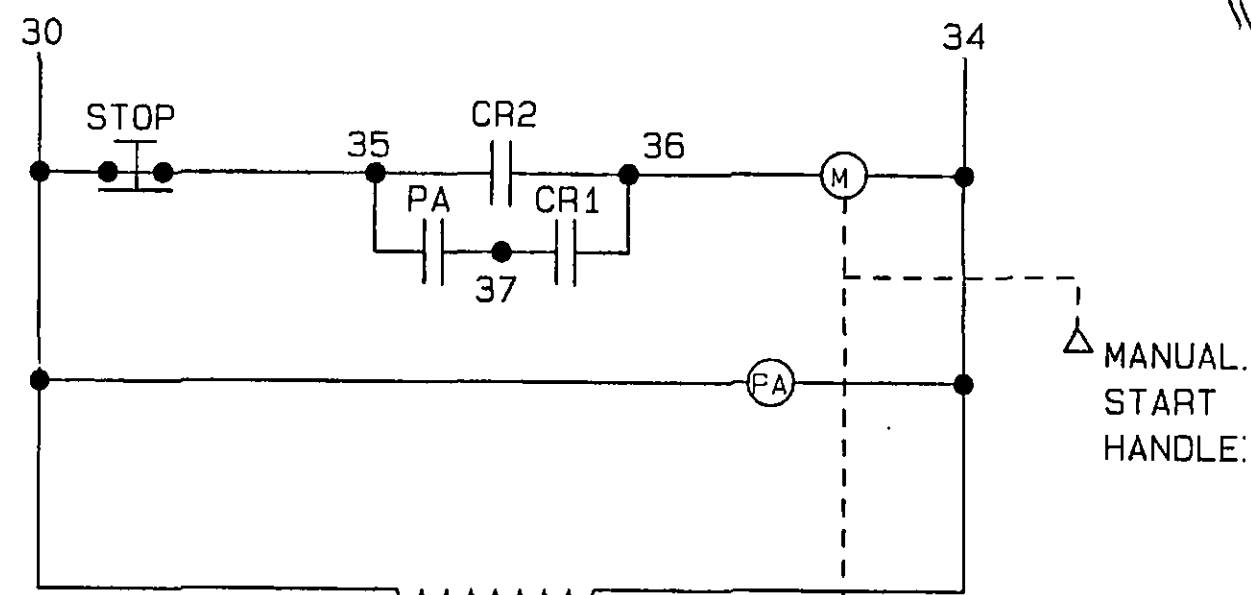


- NOTES TO SCHEMATIC WIRING
DIAGRAM MODIFICATIONS :
- 1. NEW "PUMP OFF" CONTACTS ON TANK LEVEL INDICATOR, OPEN ON HIGH LEVEL, CLOSE ON LOW LEVEL.
 - 2. NEW "PUMP ON" CONTACTS ON TANK LEVEL INDICATOR, OPEN ON LOW LEVEL, CLOSE ON HIGH LEVEL.
 - 3. NEW "PUMP ON" SUCTION PRESSURE SWITCH, OPEN ON LOW PRESSURE.
 - 4. NEW 2-POSITION SELECTOR SWITCH, SQUARE 'D' COMPANY ZB2BD2 WITH ZB2BZ101 MOUNTING BASE AND CONTACT BLOCK WITH "AUTO 1" - "AUTO 2" LEGEND PLATE, OR EQUAL. INSTALL IN FRONT OF EXISTING FIRE PUMP CONTROLLER BELOW RUNNING LIGHT.
 - 5. NEW GENERAL PURPOSE RELAY, 120 VOLT COIL, 600 VOLT SPDT CONTACTS, SQUARE 'D' COMPANY 8501C015 V20 OR EQUAL. INSTALL IN EXISTING FIRE PUMP CONTROLLER.



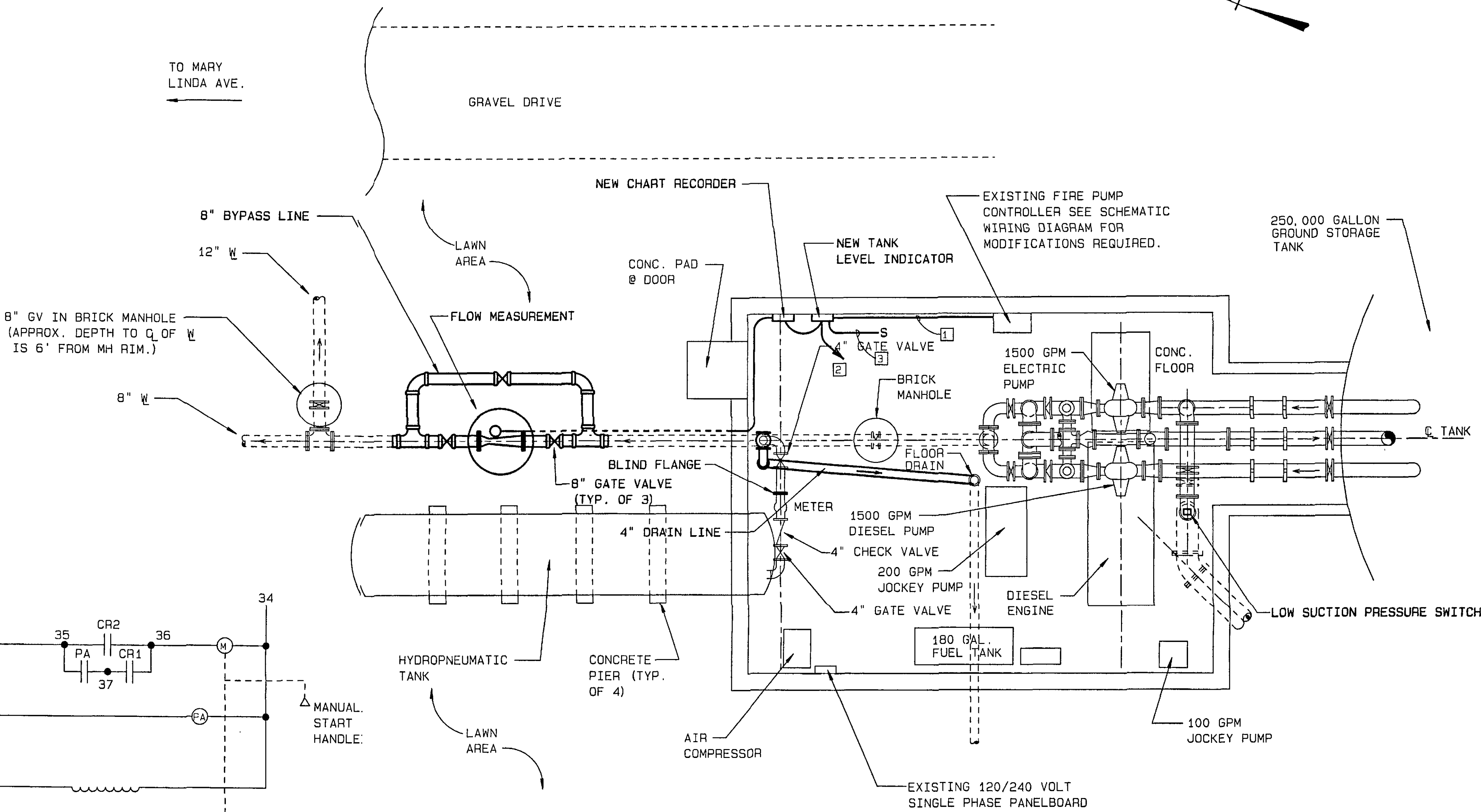
MODIFIED



EXISTING

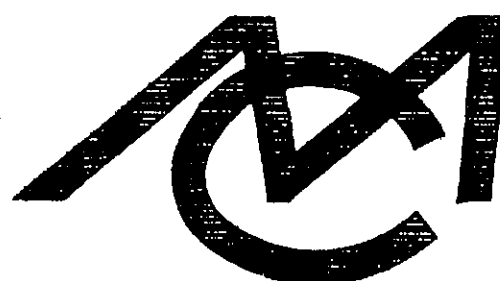
SCHEMATIC WIRING DIAGRAM
EXISTING FIRE PUMP CONTROLLER

: POWER FAILURE REMOTE ALARM CIRCUIT AND
PUMP OPERATING REMOTE SIGNAL CIRCUIT TO REMAIN.



ELECTRICAL PLAN
STATESMAN INDUSTRIAL PARK
PUMP STATION
SCALE: 1/4" = 1'-0"

- ELECTRICAL NOTES:
- 1. CONTROL WIRING IN CONDUIT AS REQUIRED.
 - 2. 2 #12 + GND IN 1/2" CND. TO EXIST. 120/240 VOLT PANELBOARD. INSTALL NEW 1 POLE, 20 AMP BREAKER IN PANEL AND CONNECT THERETO.
 - 3. INSTALL NEW 3/4" CND. TO EXIST. SERVICE POLE FOR NEW TELEMTRY AND SCADA WIRING.



Mattern & Craig
CONSULTING ENGINEERS - SURVEYORS

DESIGNED:

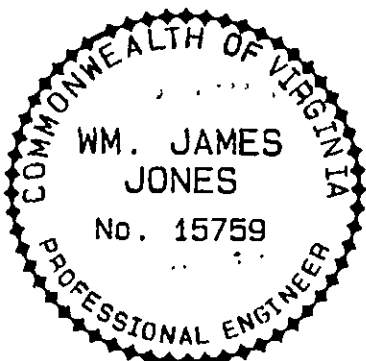
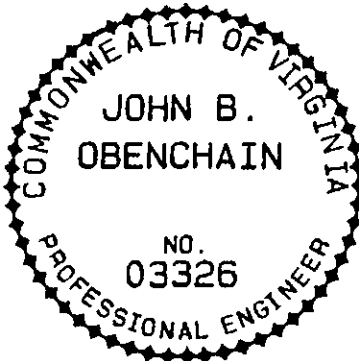
BCC

DRAWN:

SMM

CHECKED:

SWH



REVISION	DATE	DESCRIPTION	BY	APP

DATE
NOVEMBER
1993
COMM.
1165G

ROANOKE CENTRE FOR INDUSTRY & TECHNOLOGY
WATER TANK - CONTRACT II
CITY OF ROANOKE, VIRGINIA
ELECTRICAL DETAILS & TELEMTRY

SHEET

9