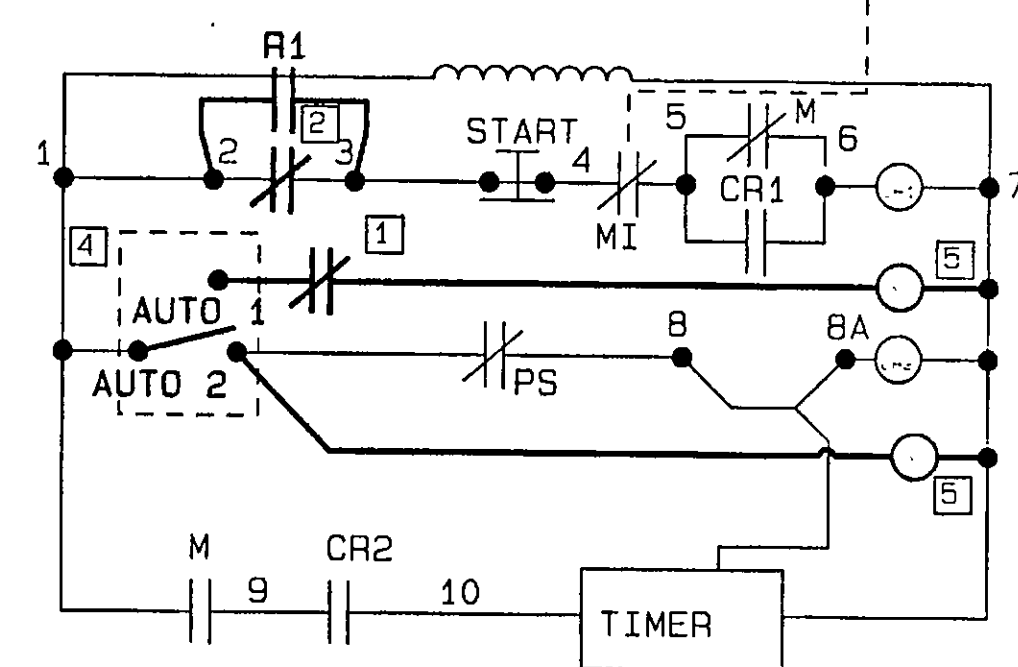
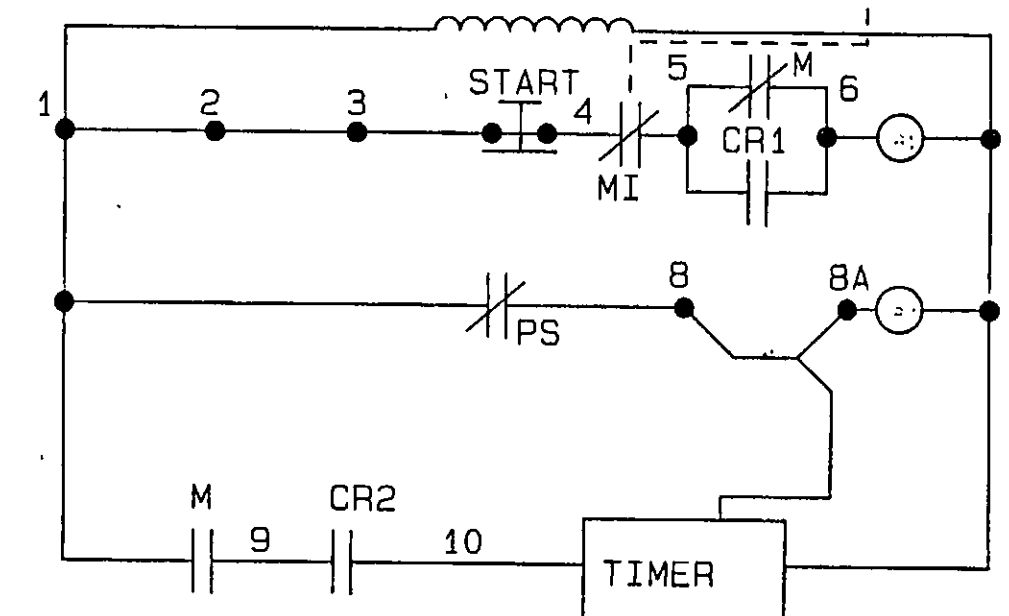


1. NEW "PUMP OFF" CONTACTS ON TANK LEVEL INDICATOR, OPEN ON HIGH LEVEL, CLOSE ON LOW LEVEL.
2. NEW "PUMP ON" CONTACTS ON TANK LEVEL INDICATOR, OPEN ON LOW LEVEL, CLOSE ON HIGH LEVEL.
3. NEW "PUMP ON" SUCTION PRESSURE SWITCH, OPEN ON LOW PRESSURE.
4. NEW 2-POSITION SELECTOR SWITCH, SQUARE 'D' COMPANY 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.

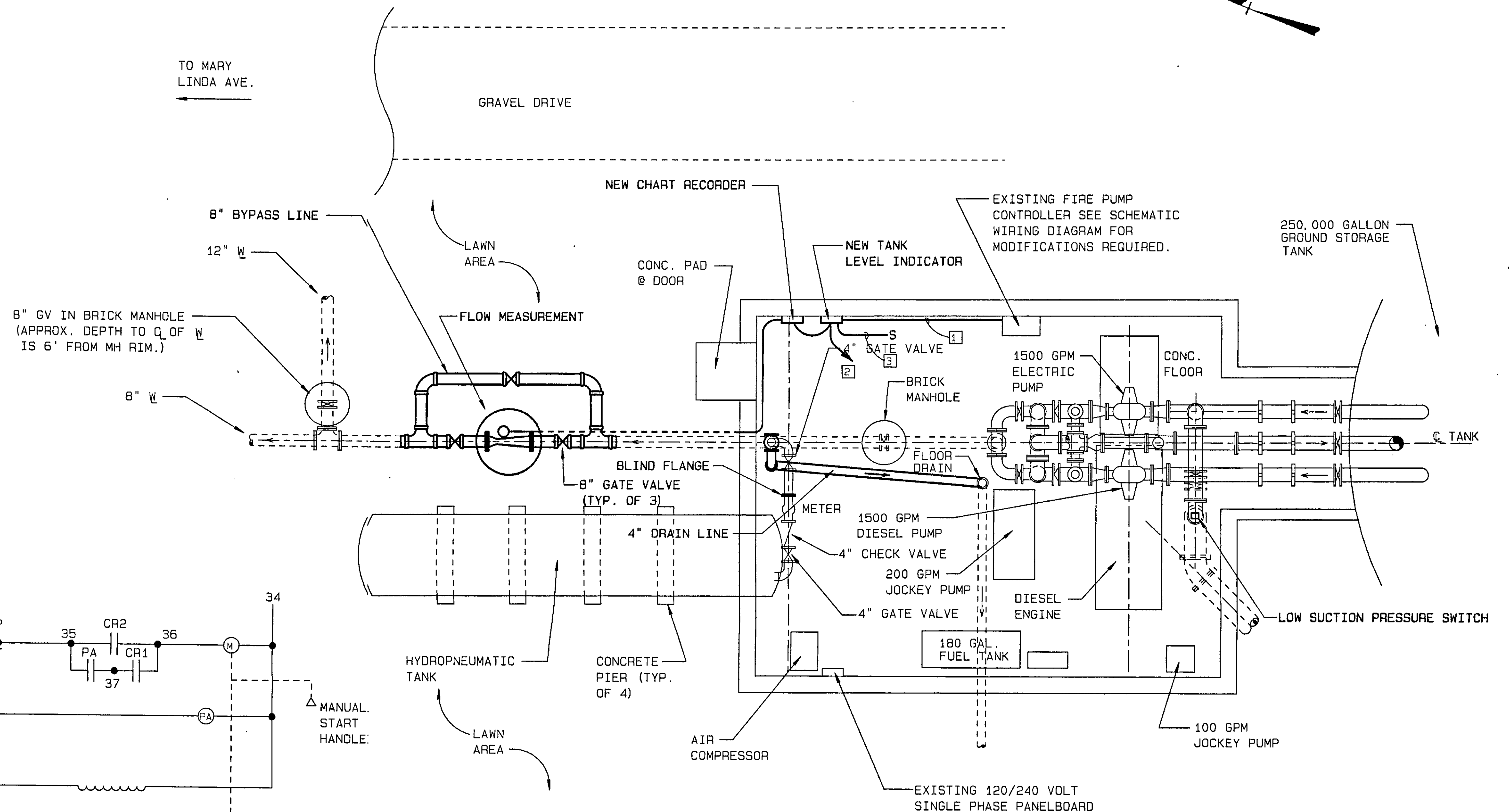


MODIFIED



EXISTING

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

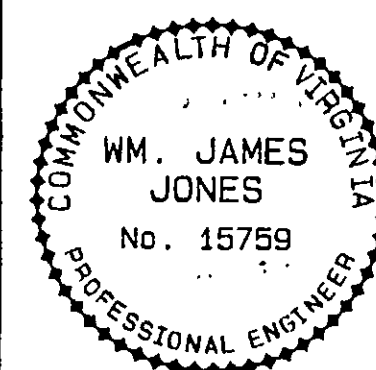
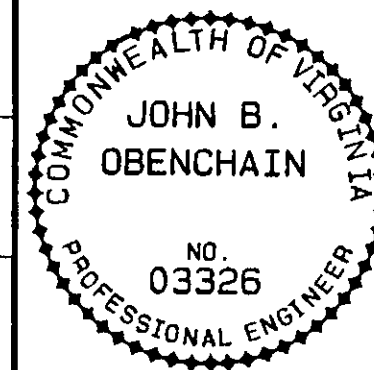


SCALE: $1/4" = 1'-0"$

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 TELEMETRY
AND SCADA WIRING.



	BCC
DRAWN:	SMM
CHECKED:	SWH



REVISION	DATE	DESCRIPTION	B ¹	APP
1				
1				

DATE
NOVEMBER
1993
COMM.
1165G

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

SHEET

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