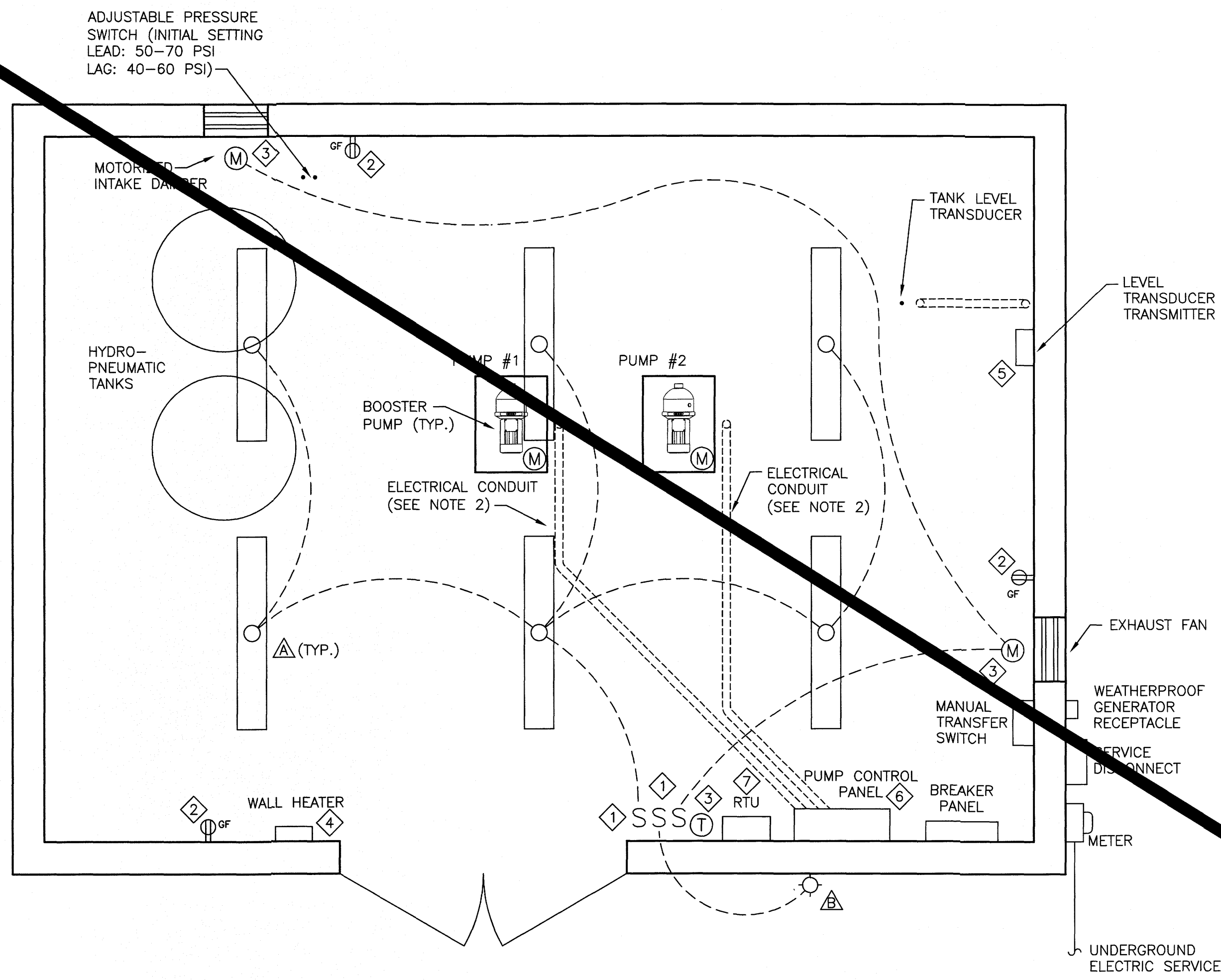




PLAN
1/2"=1'-0"

BREAKER PANEL SCHEDULE

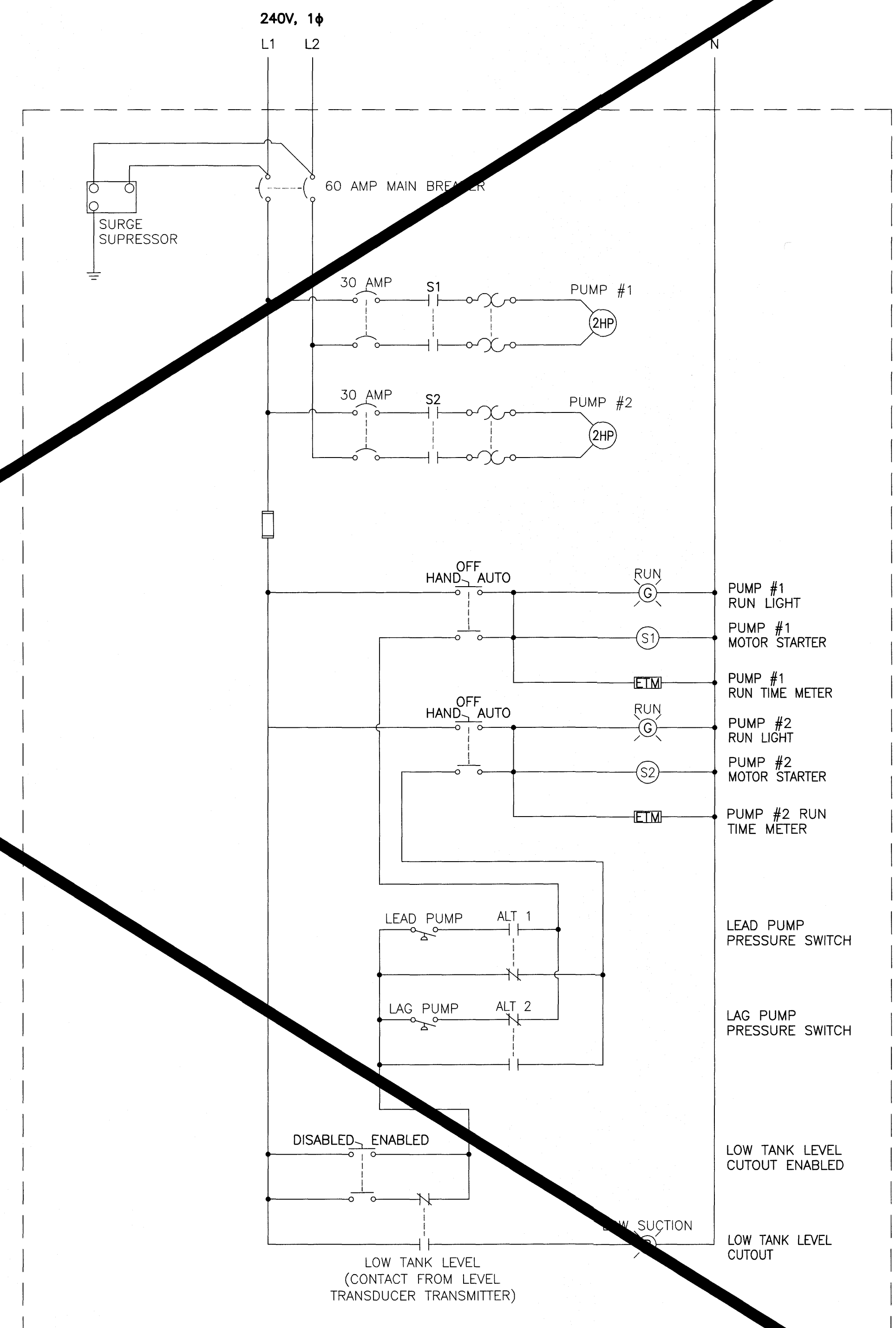
200 AMP 120/240V, 1 PHASE, NEMA 1					
CIRCUIT	H.P. OR WATTS	ESTIMATE FULL LOAD AMPS	CIRCUIT BREAKER		REMARKS
			POLES	AMPS	
1	1000	10	2	200	MAIN BREAKER
2	1500	12	1	20	INTERIOR LIGHTS
3	150	4	1	20	CONVENIENCE RECEPTACLES
4	5000	21	2	30	EXHAUST FAN / DAMPER
5	1000	10	1	20	HEATER
6	3000	45	2	60	LEVEL TRANSDUCER
7	1000	10	1	20	PUMP CONTROL PANEL
8	150		1	20	RTU
9			1	20	EXTERIOR LIGHTS
10			1	20	SPARE
11			1	20	SPARE
12			1	20	SPARE

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG SERIES	LAMPS		MOUNTING	REMARKS
			NO.	TYPE		
△	LITHONIA	DMW-2-40-120	2	FLUOR.	SURFACE	1 FT X 4 FT CEILING FIXTURE - WET LOCATION
△	LITHONIA	TWH-150S-120-PE	1	H.P.S.	WALL	EXTERIOR FLOOD LIGHT WITH PHOTOCELL

NOTES:

1. EXHAUST FAN AND DAMPER TO BE INSTALLED ON THE MANUAL SWITCH BYPASS FEED.
2. CONTRACTOR SHALL INSTALL ELECTRICAL CONDUITS BE POWER AND SIGNAL WIRING TO LEVEL TRANSDUCER AND CONSULT MANUFACTURER OF EQUIPMENT TO DETERMIN NUMBER AND SIZE OF CONDUITS. ALL SIGNAL WIRING IN SEPARATE CONDUITS.



PUMP CONTROL PANEL



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DATE : 08 SEP 04
DESIGNED: RNJ
DRAWN : RNJ
CHECKED: CSF
QA / QC :

REVISIONS:
RECORD

FERRUM WATER SYSTEM IMPROVEMENTS
FERRUM, VIRGINIA

COLLEGE TANK BOOSTER STATION
ELECTRICAL LAYOUT - ADDITIVE BID