

CIR. NO	POLES	FRAME	TRIP	VOLTS	WIRES	COND	L O A D.
1	3 P	FA	15A	480	3*12	3/4"	COMMUNUTORS
2	3 P	FA	15A	480	3*12	3/4"	COMMUNUTORS
3	3 P	FA	15A	480	3*12	3/4"	AIR COMP. & DRYER
4	3 P	FA	15A	480	3*12	3/4"	CONDENSATE PUMPS
5	3 P	FA	70A	480	3*4	1"	H.W. CIRCULATING PUMPS
6	3 P	FA	30A	480	3*10	3/4"	VACUUM PUMPS
7	3 P	FA	15A	480	3*12	3/4"	SUMP PUMP
8	3 P	KA	200A	480	3-3/0	2"	HOUSE PRESSURE PUMPS
9	3 P	FA	40A	480	3*8	1"	HOUSE PRESSURE PUMPS
10	2 P	FA	15A	277	2*12	3/4"	LIGHTS
11	3 P	FA	100	480	3*3	1/2"	EXISTING ELECTRIC PANEL
12-14	3 P						SPACE

ALL WIRING SHALL BE COPPER THW OR THWN

#LOCATED LOWER LEVEL AERATOR CONTROL ROOM.

FRAME

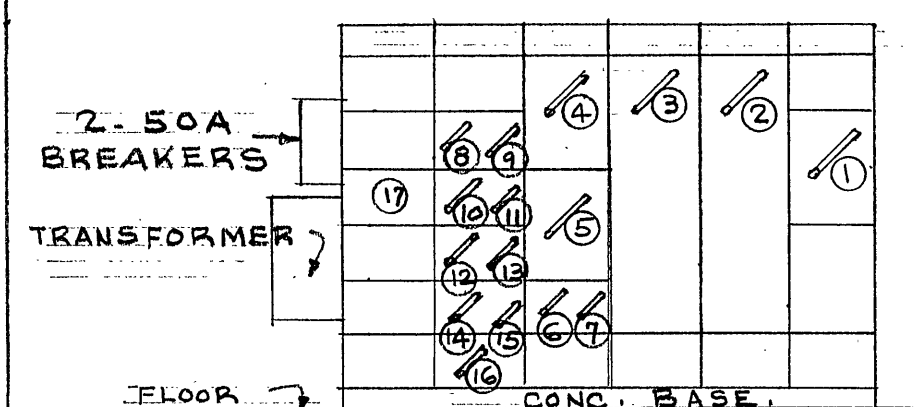
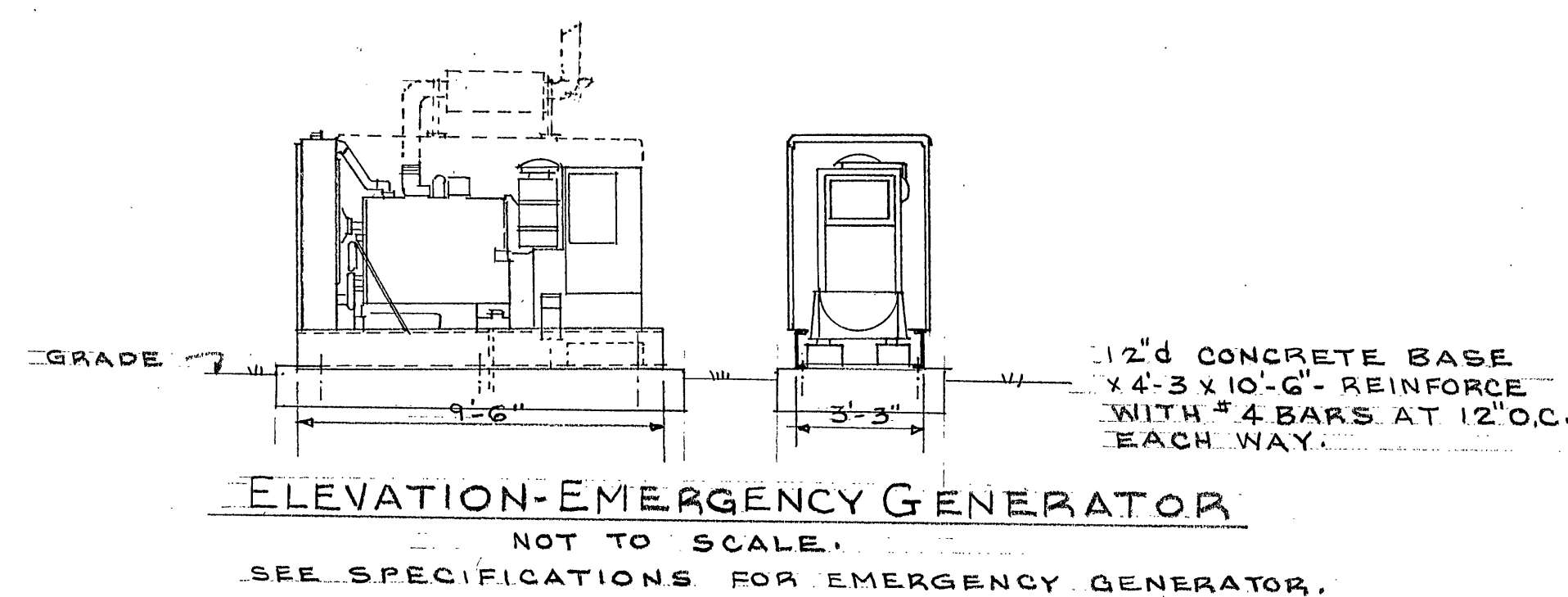
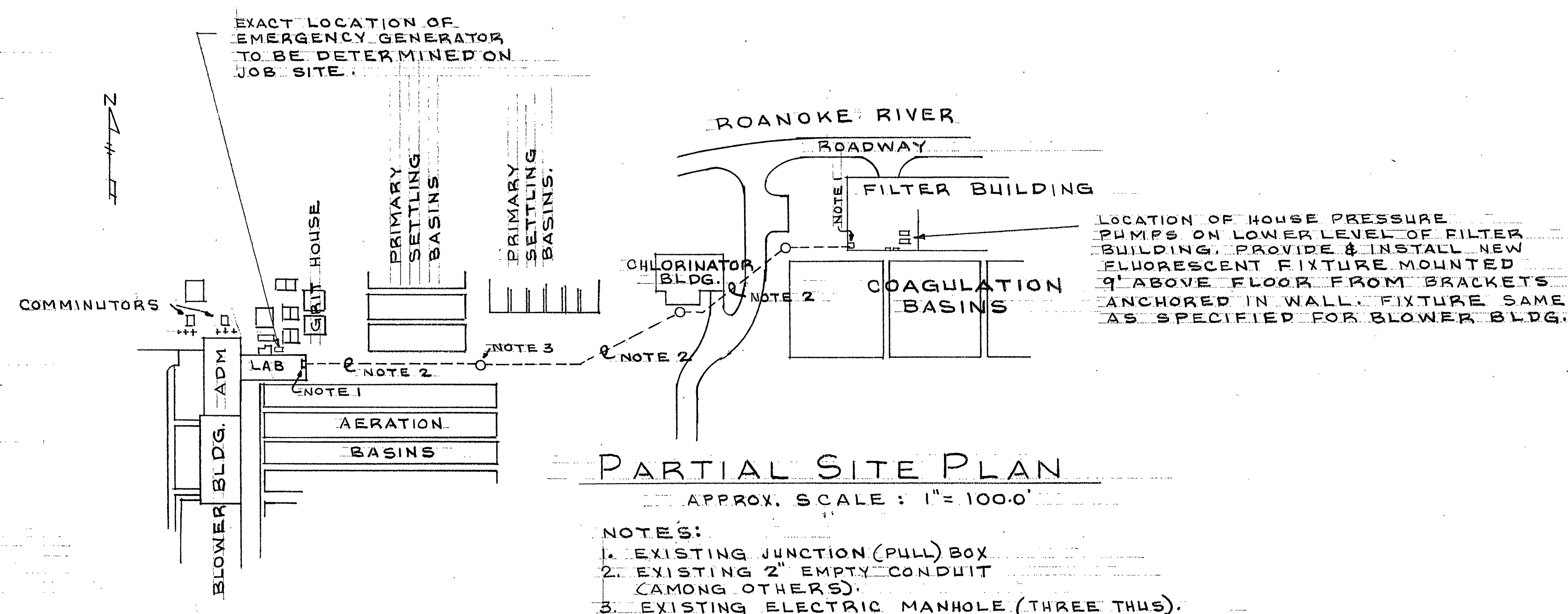
15 A FA 34015 3P FA 24015 2P

30 A FA 34030

70 A FA 34070

100A FA 34100

200A KA 36200



1. MAIN BREAKER
2. BLOWER MOTOR
3. RAW SEWAGE PUMP
4. POWER PANEL 1- AERATOR
5. TRANSFORMER- TRAILER & LAB.
6. POWER PANEL 2- DIGESTER
7. PANEL- GRIT HOUSE
8. LIGHT PANEL- GARAGE
9. TRANSFORMERS, 440V RECEPTACLES
10. LIGHTS - PANEL E
11. GRIT HOUSE
12. LIGHT PANEL A (OFFICE)
13. LIGHT PANEL B (S. BLOWER RM.)
14. LIGHT PANEL C (BLOWER ROOM)
15. LIGHT PANEL D (OPERATORS OFFICE)
16. POWER PANEL- UPPER AERATOR CONTROL RM
17. WINDOW FANS.

MAIN DISTRIBUTION PANEL MADE BY WESTINGHOUSE, SERIAL NO. R0CE-6666-PHY. CONTRACTOR TO VERIFY PANEL LAYOUT. SUPPLY & INSTALL NEW 400A BREAKER IN MDP. PROVIDE AND INSTALL 4-600MCM IN 3/2" C TO NEW PANEL SHOWN ON PLAN. (NOTE LOCATION OF EXISTING JUNCTION BOXES AS SHOWN ON PLAN).

DATE	REV.	DESCRIPTION	BY
EMERGENCY GENERATOR			
<i>Shane B. Brady</i>			
CITY ENGINEER			
PLANS OF			DRAWN BC
SEWAGE TREATMENT			CHECKED
PLANT			APPROD
ROANOKE, VIRGINIA			DATED OCT. 77
CITY OF ROANOKE			50% PL.
OFFICE OF CITY ENGINEER			4401-C
ROANOKE, VIRGINIA			DWG. NO.
CONTRACTOR MUST VERIFY ALL DIMENSIONS AT PROJECT BEFORE PROCEEDING WITH WORK			2
			OF 2