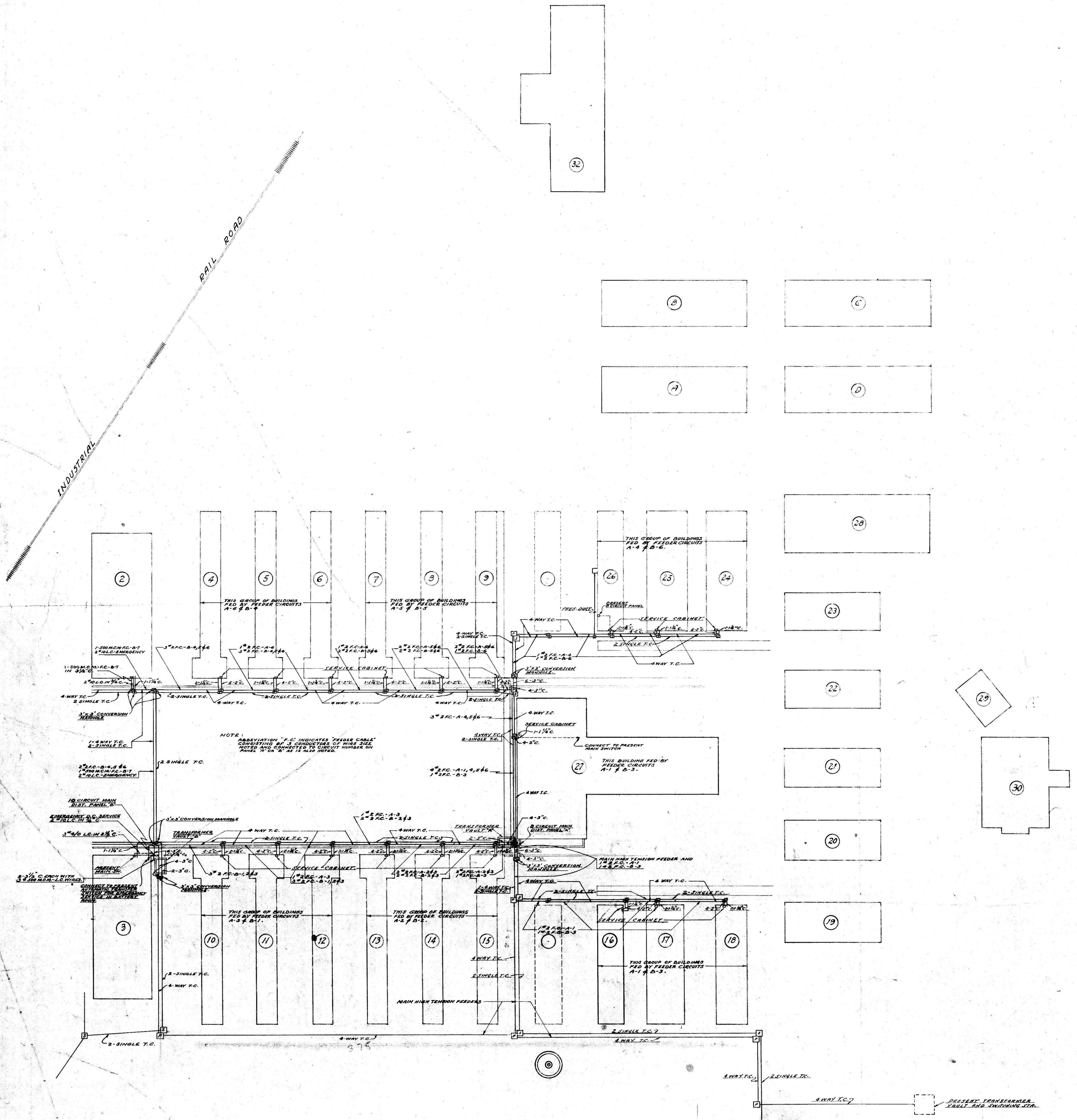
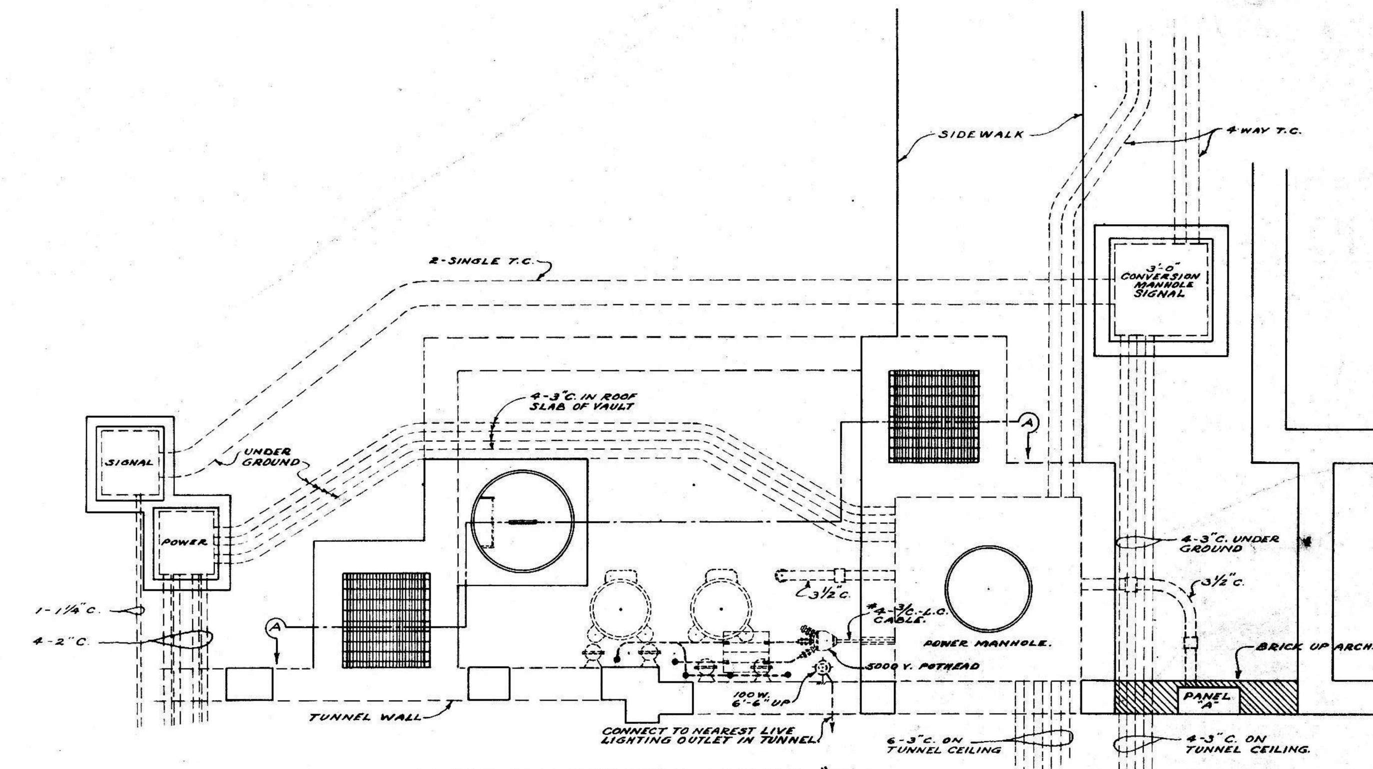
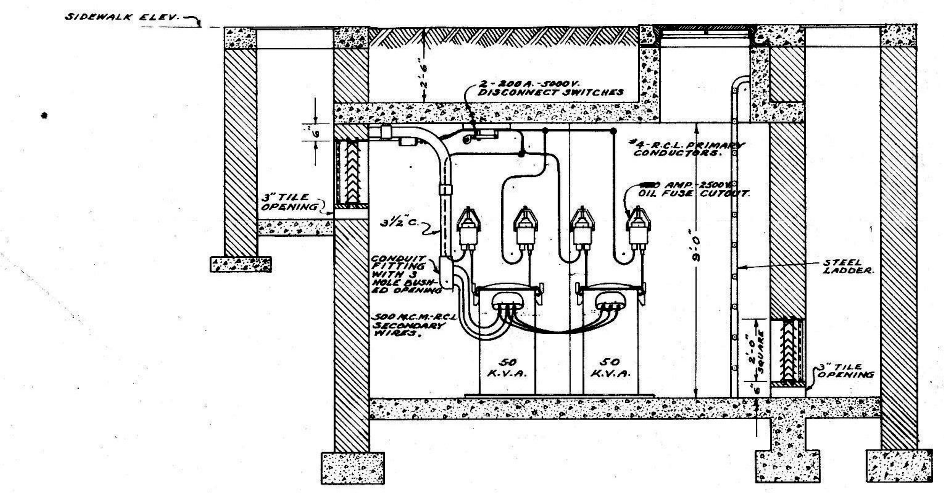


·PLOT PLAN·

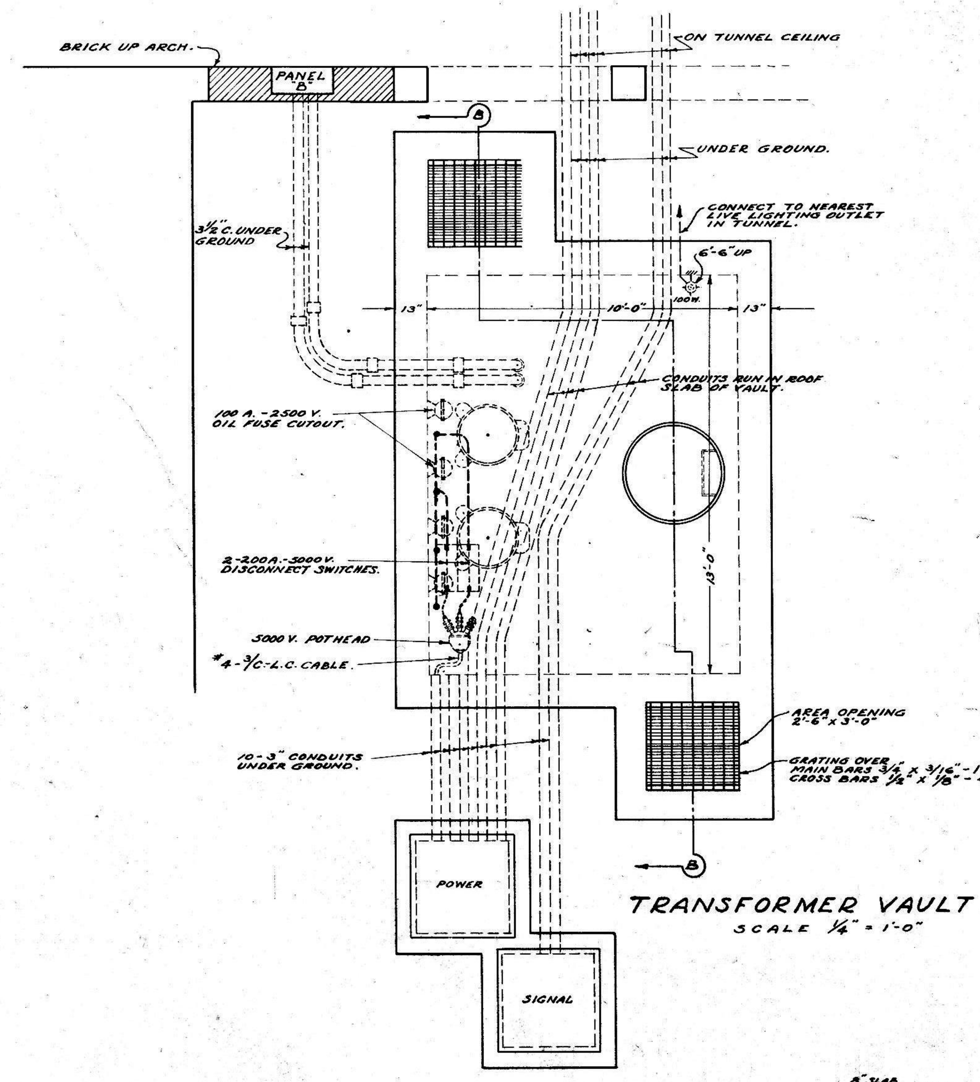
SCALE· 1" = 50'·



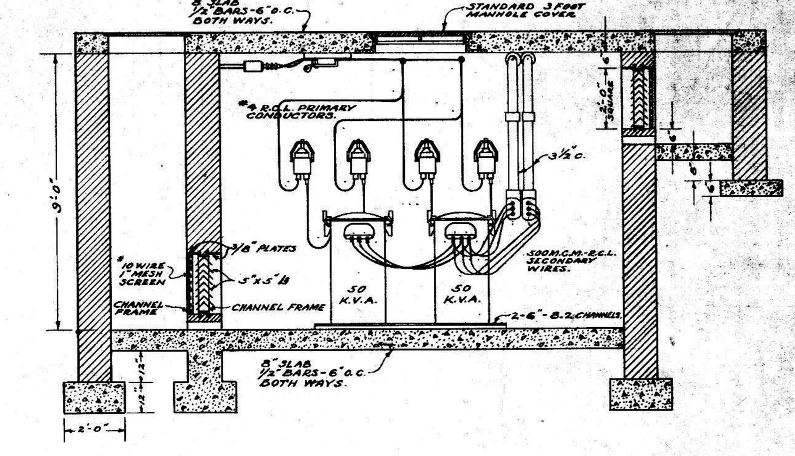
TRANSFORMER VAULT "A"
SCALE 1/4" = 1'-0"



SECTION A-A.



TRANSFORMER VAULT "B"
SCALE 1/4" = 1'-0"



SECTION B-B

NOTES:-

TRANSFORMER VAULTS "A" & "B" ARE OF SAME SIZE AND OF SIMILAR CONSTRUCTION. THE VAULT ELEVATIONS MAY BE SUCH THAT THE ROOF SLAB IS BELOW GRADE LINE AS INDICATED FOR VAULT "A" OR APPROX. FLUSH WITH GRADE LINE AS INDICATED FOR VAULT "B".

ALL CONDUITS RUN ON TUNNEL CEILING OR UNDER GROUND SHALL BE ENCASED IN 3" OF CONCRETE.

PRIMARY CONDUCTORS SHALL HAVE MINIMUM SPACING BETWEEN CONDUCTORS OF 8 INCHES.

PRIMARY CONDUCTORS SHALL BE SECURELY SUPPORTED ON SPLIT SPOOL INSULATED CABLE SUPPORTS. (NOT SHOWN)

GROUND ALL METAL PARTS SUCH AS OIL FUSE CUTOUTS, TRANSFORMER CASINGS, ETC., LEAD SHEATH OF PRIMARY CABLES AND SECONDARY NEUTRALS TO AN APPROVED GROUNDING BELL INSTALLED AS DIRECTED USING #2 COPPER WIRE. ALL GROUND CONNECTIONS SHALL BE CLAMPED.

PROVIDE EACH VAULT WITH AN AUTOMATIC SUMP PUMP WITH TOTALLY ENCLOSED MOTOR CONNECTED TO NEAREST AVAILABLE LIVE CIRCUIT AND DISCHARGING INTO STORM SEWER.

APPROVED [signature] CHIEF ELECTRICAL INSPECTOR-D.C.

APPROVED BY THE COMMISSIONERS OF THE DISTRICT OF COLUMBIA SITTING AS A BOARD ______ SECRETARY.	REVISIONS	WORK RECORD	BUILDING: ·D.C. REFORMATORY· ·UNDERGROUND·ELECTRICAL·DISTRIBUTION· ·SYSTEM· LOCATION: ·LORTON, VIRGINIA·		FILE NO.
		DRAWN BY BLATT RICE LEWIS	OFFICE OF MUNICIPAL ARCHITECT–WASHINGTON, D. C.		DRWG. NO.
		TRACED BY LEWIS RICE	CHIEF OF ARCHITECTURAL DIVISION [signature]	DATE 11/27/37	
		CHECKED BY R.C.B.	CHIEF OF STRUCTURAL DIVISION [signature]	DATE 11-29-37	
		DATE 11-27-37	CHIEF OF MECHANICAL DIVISION [signature]	DATE 11-29-37	
		SHEET	MUNICIPAL ARCHITECT [signature]	DATE 11-29-37	