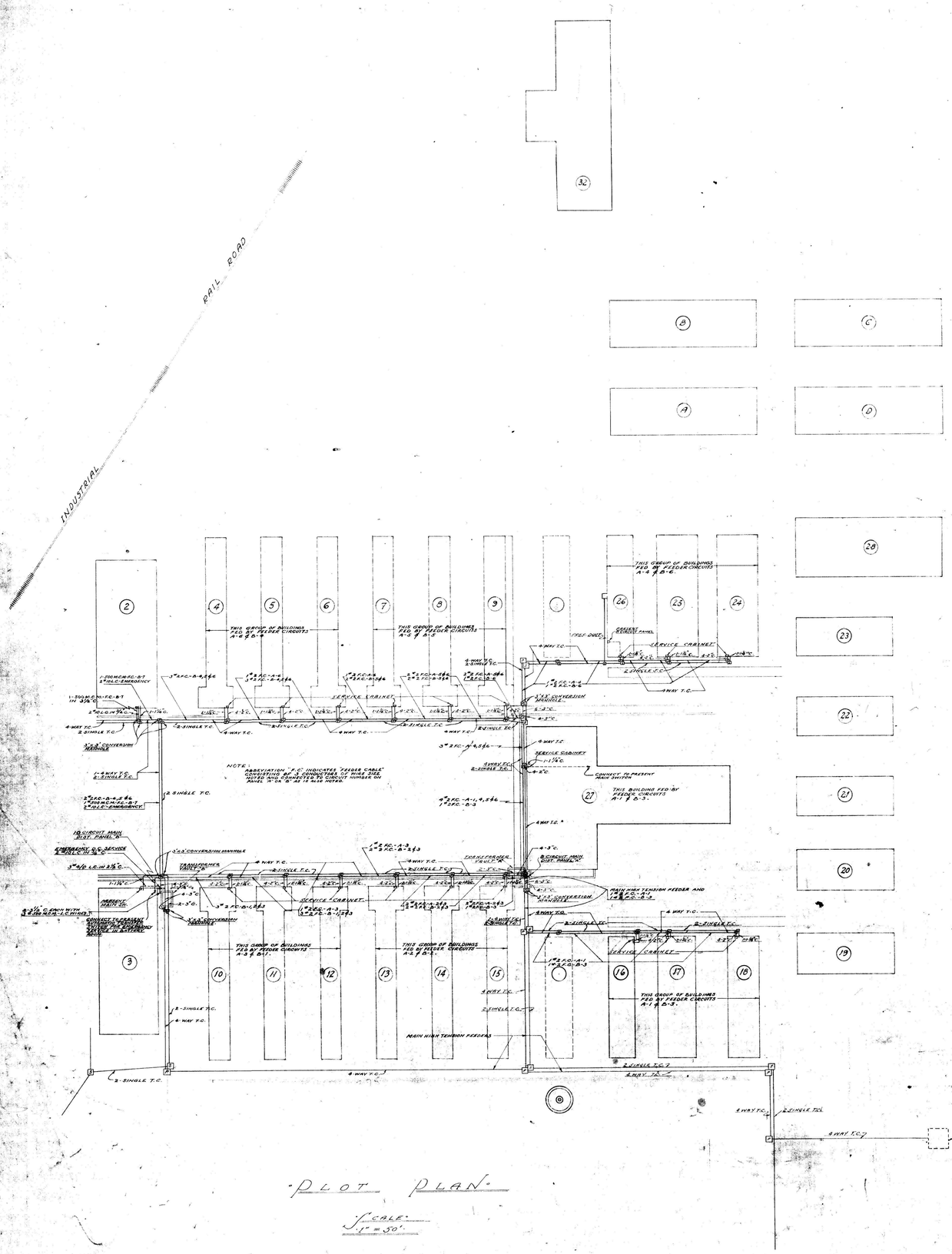
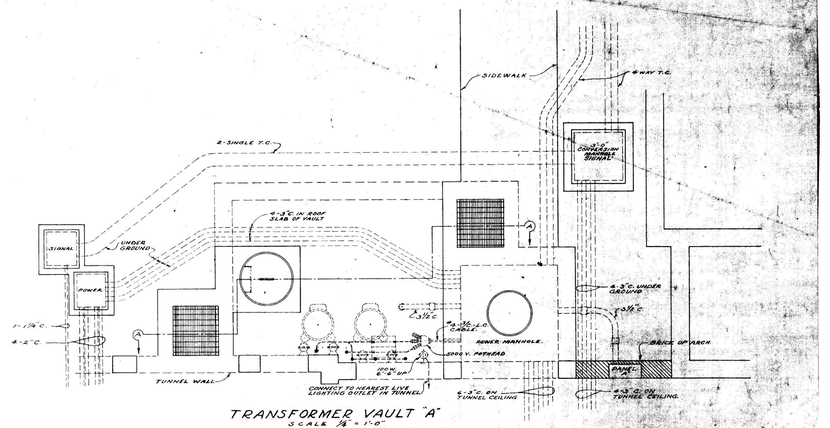


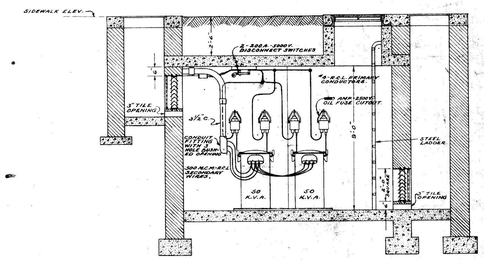
NOTE:- ABBREVIATION "F.C." INDICATES "FEEDER CABLE" CONSISTING OF 3 CONDUCTORS OF WIRE SIZE, NOTED AND CONNECTED TO CIRCUIT NUMBER ON PANEL "A" OR "B" AS IS ALSO NOTED.

PLOT PLAN.

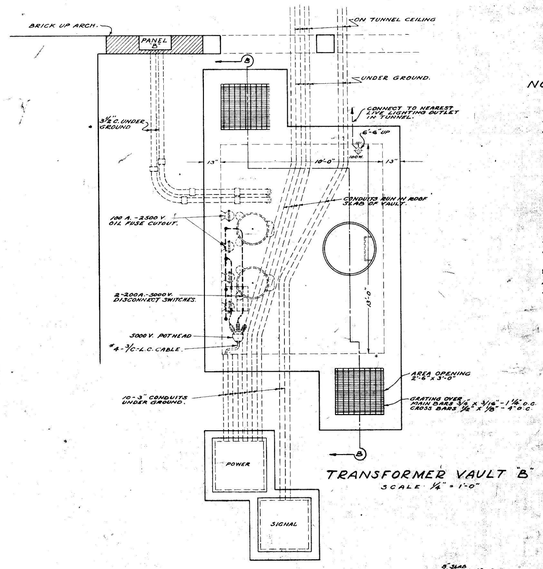
SCALE: 1" = 50'



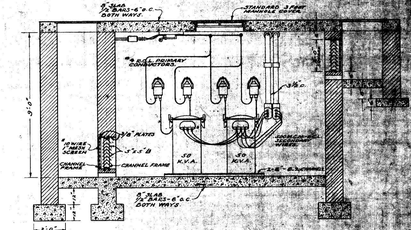
TRANSFORMER VAULT "A"
SCALE ⅛" = 1'-0"



SECTION A-A.



TRANSFORMER VAULT "B"
SCALE ⅛" = 1'-0"



SECTION B-B

NOTES:-

TRANSFORMER VAULTS A & B ARE OF SAME DESIGN AS OF SIMILAR CONSTRUCTION. THEY SHALL BE CONSTRUCTED SO AS TO BE SUCH THAT THE TOP SLAB SHALL BE AT STREET LEVEL OR AS INDICATED FOR VAULT "A" AT SIDEWALK LEVEL, WHERE GRADE LINE AS INDICATED.

ALL CONDUITS SHALL BE EFFECTIVELY GROUNDED. GROUND SHALL BE EVIDENCED BY A 6" COPPER WIRE.

PRIMARY CONDUCTORS SHALL HAVE MINIMUM CLEARANCE OF 3" BETWEEN CONDUCTORS AND 1½" BETWEEN CONDUCTORS AND GROUND.

INSERT CONDUITS IN CONCRETE WALLS AND CEILINGS ON 3½" & 3000 V. INSULATED CABLES.

GROUND ALL METAL WORK.

TRANSFORMER CASINGS SHALL BE GROUNDED WITH #6 COPPER CABLES HAVING SPECIAL CLAMPS TO FIT CASINGS.

GROUNDING BELL INSULATORS AS SHOWN ON DETAIL WITH #6 COPPER WIRE. ALL GROUND CONNECTIONS TO BE MADE WITH TOTALLY ENCLOSED CLAMPS.

PROVIDE EACH VAULT WITH A 100 K.W. 2300 V. OIL FUSE CUTOUT AND WITH TOTALLY ENCLOSED CLAMPS TO CONNECT TO NEAREST AVAILABLE LIVE LIGHTING OUTLET IN TUNNEL.

PROVIDE EACH VAULT WITH A DRAIN TO THE NEAREST 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		
	DRAWN BY - BLAKE, JR.	BUILDING	D.C. REFORMATORY
	TRACED BY - LEWIS, JR.	LOCATION	UNDERGROUND ELECTRICAL DISTRIBUTION SYSTEM. LORTON, VIRGINIA.
	CHECKED BY RCB		OFFICE OF MUNICIPAL ARCHITECT-WASHINGTON, D. C.
	DATE 11-27-37	CHIEF OF ARCHITECTURAL DIVISION	DATE 11/27/37
	SHEET	CHIEF OF STRUCTURAL DIVISION	DATE 11-27-37
		CHIEF OF MECHANICAL DIVISION	DATE 11-27-37
		MUNICIPAL ARCHITECT	DATE 11-27-37

FILE NO. 11-27
DRWG. NO.