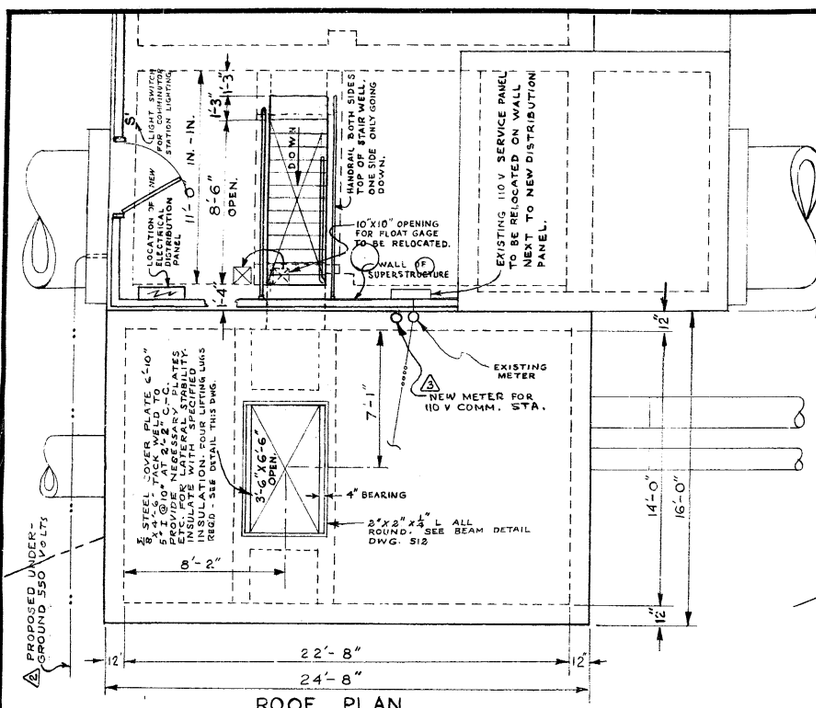
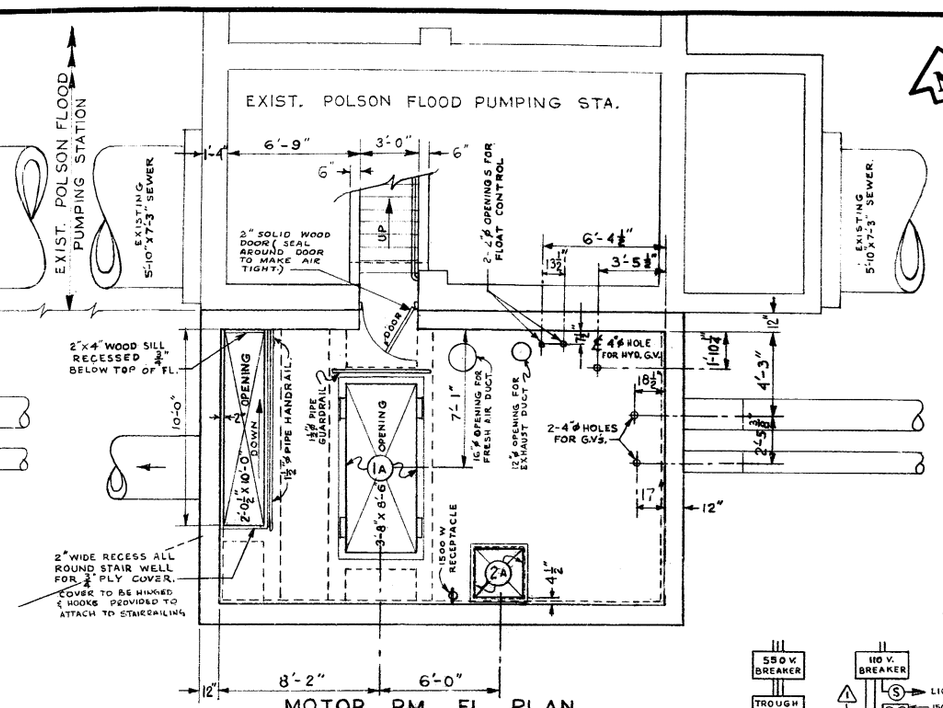
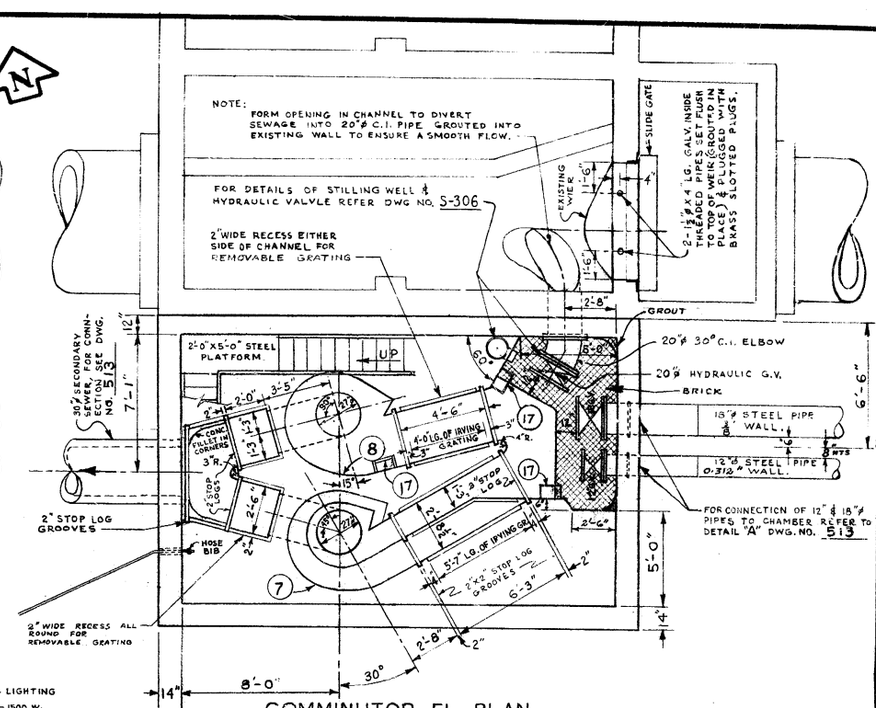
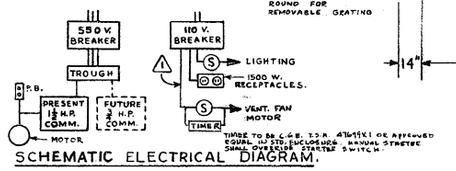
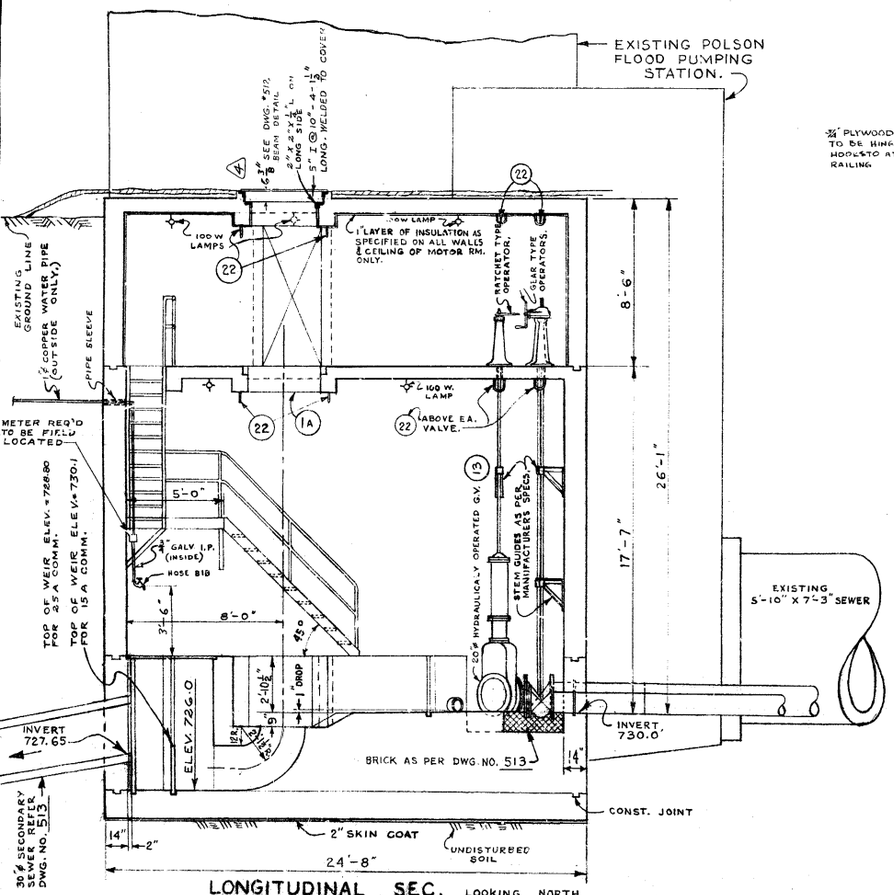




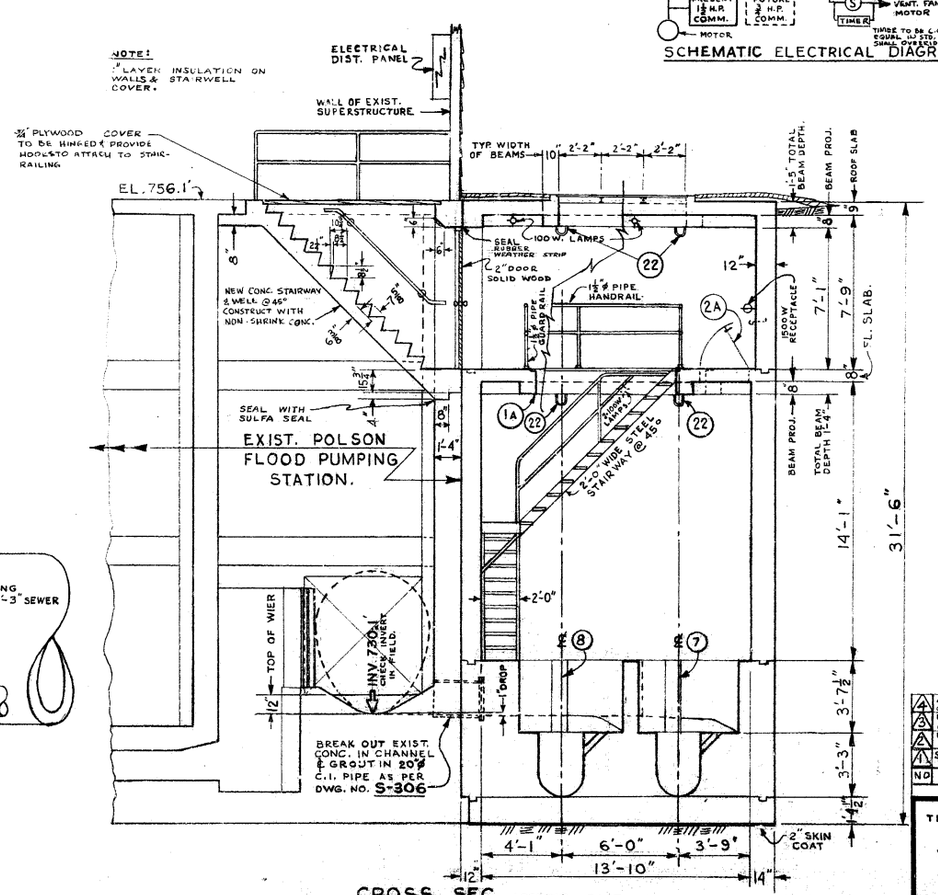




SCHEMATIC ELECTRICAL DIAGRAM.



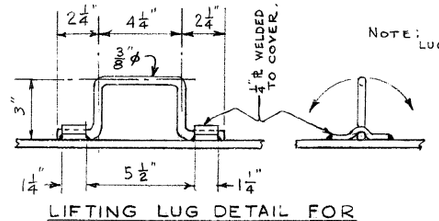
LONGITUDINAL SEC. LOOKING NORTH



CROSS SEC. LOOKING EAST.

NOTES

1 GRATING TO BE IRVING TYPE A A X-BAR OR APPROVED EQUAL, HOT DIP GALV. AFTER FABRICATION.
2 STOP LOGS TO BE 2" FIR TOUNGE & GROOVE WEDGED IN PLACE.
3 ALL ANCHOR BOLTS NOT IN CONTACT WITH SEWAGE TO BE HOT DIPPED GALV.
4 ALL ANCHOR BOLTS IN CONTACT WITH SEWAGE TO BE CADMIUM PLATED.
5 THE CONTRACTOR IS TO ENSURE AN AIRTIGHT SEAL FOR ALL OPENINGS TO THE OUTSIDE ATMOSPHERE, THIS INCLUDES THE ROOF HATCH AND ENTRANCE DOOR BETWEEN THE FLOOD PUMPING STATION AND THE NEW COMMINUTOR STRUCTURE.
6 HATCH COVER IN ROOF TO BE PAINTED LAMP POST GREEN.
7 THE CONTRACTOR IS TO FIELD CHECK ALL INVERTS PRIOR TO CONSTRUCTION.
8 ALL EXPOSED MISC. METAL WORK TO BE HOT DIP GALV. AFTER FABRICATION.
9 GALV. PIPE SLEEVES REQ'D FOR 1" ϕ WATER SERVICE. SEAL EA. FACE WITH SULFA SEAL OR APPROVED EQUAL.
10 STAIR NOSINGS TO BE EDGED 1/2" RADIUS.
11 STAIR WELL COVERS TO BE 3/4" PLYWOOD WITH 2"X4" FRAME REINFORCING & PROVIDED WITH LIFTING LUGS.



NOTE: LUG TO SWING FREELY

LIFTING LUG DETAIL FOR ROOF HATCH COVER
SCALE 1 1/2" = 1'-0"

NO	DESCRIPTION	DATE	BY
REVISIONS			
4	BEAM DIMENSION INCREASED TO 2'-6" ON LONGITUDINAL SECTION	10 FEB 65	V.D
3	LOCATION OF NEW 110 V METER AS PER ADDENDUM NO. 1	6 JAN 65	H.B
2	UNDERGROUND POWER SUPPLY AS PER ADDENDUM NO. 1	6 JAN 65	H.B
1	SCHEMATIC ELECTRICAL DIAGRAM AS PER ADDENDUM NO. 1	6 JAN 65	H.B

THE METROPOLITAN CORPORATION OF GREATER WINNIPEG
WATERWORKS & WASTE DISPOSAL DIVISION
N. S. BUBBIS — DIRECTOR

SEWAGE DISPOSAL DEPT.
POLSON COMMINUTOR STA
CONSTRUCTION DETAILS

DES. R. GIRLING CH'K'D.
DRN. H. BUXMAN DATE 28 DEC. 64
ENG. DES.
ENG. WASTE DISP.
APPROVED

SCALES 1" = 1'-0"
DRAWING NO. 511

PROVINCE OF MANITOBA
R. M. GIRLING
REGISTERED ENGINEER