



- NOTES:**
- GREY ITEMS DENOTES EXISTING STRUCTURES AND EQUIPMENT.
 - RE-ROUTE EXISTING WATER SERVICE TO PROVIDE MINIMUM 1M CLEARANCE FROM TRANSFORMER XFMR-F01, SWITCHGEAR SGR-F70, AND CSTE-F70. CONTRACTOR SHALL COORDINATE WITH CITY OF WINNIPEG.
 - PROVIDE 4" [100mm] RIGID GALVANIZED STEEL (RGS) CONDUIT VERTICALLY ON BUILDING EXTERIOR, TRANSITION TO PVC CONDUIT FOR UNDERGROUND PORTION, AND TRANSITION TO CABLE TRAY INSIDE BUILDING. ONE WINDOW SHALL BE FILLED IN TO PERMIT CONDUIT WALL PENETRATION AND SHALL BE FINISHED ON BOTH SIDES TO MATCH EXISTING WALL FINISH.
 - NEW UNDERGROUND CONDUCTORS SHALL BE INSTALLED BY MANITOBA HYDRO.
 - PROVIDE A 103mm PVC CONDUIT SLEEVE UNDERGROUND TO PERMIT INSTALLATION OF CABLE.
 - TRANSFORMER LOW OIL LEVEL SWITCH, LSL-F701 AND HIGH TEMPERATURE SWITCH, TSH-F701 SHALL TERMINATE IN RTU PNL-F80. SEE REF 1-0125F-E0030-001 AND 1-0125F-E0031-001.
 - REFER TO DETAIL J ON DRAWING 1-0125F-E0026-001 FOR INSTALLATION OF FIBREGLASS PAD.
 - CABLES FOR TRANSFORMER XFMR-F70 INSTRUMENTS AND SWITCHGEAR SGR-F70 ANTI-CONDENSATION HEATER SHALL BE RUN UNDERGROUND FROM THE RESPECTIVE EQUIPMENT TO THE BUILDING, FASTENED TO EXTERIOR WALL AND TRANSITION TO CABLE TRAY INSIDE BUILDING.

LEGEND:

- GROUND CABLE
- BURIED POWER CABLE OR CONDUIT
- WATER SERVICE LINE

REFER TO LEGEND ON DRAWING E01 FOR ALL OTHER SYMBOLS

1 SERVICE EQUIPMENT PLAN
 E0005
 SCALE: 1:25mm (24"x36")

ENGINEERS GEOSCIENTISTS MANITOBA
 Certificate of Authorization
KGS Group
 No. 245

NO.	REVISIONS	DATE	DESIGN	CHECK
01	RE-ISSUED FOR TENDER AND CONSTRUCTION	2019/07/18	LU	JAB
00	ISSUED FOR TENDER AND CONSTRUCTION	2019/07/12	LU	JAB

KGS GROUP CONSULTING ENGINEERS

DESIGNED BY: L. UPPAL
 CHECKED BY: J. BOUCHARD
 DRAWN BY: G. NELSON
 APPROVED BY: J. BOUCHARD
 SCALE: AS NOTED
 ISSUED FOR CONSTRUCTION BY: J. BOUCHARD
 DATE: 2019/07/12
 DATE: _____
 CONSULTANT NO.: 19-0107-002_E05

ENGINEER'S SEAL

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

CLIFTON FLOOD PUMPING STATION UPGRADES

ELECTRICAL SERVICE EQUIPMENT PLAN

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0125F-E0006-001	01	01	A1