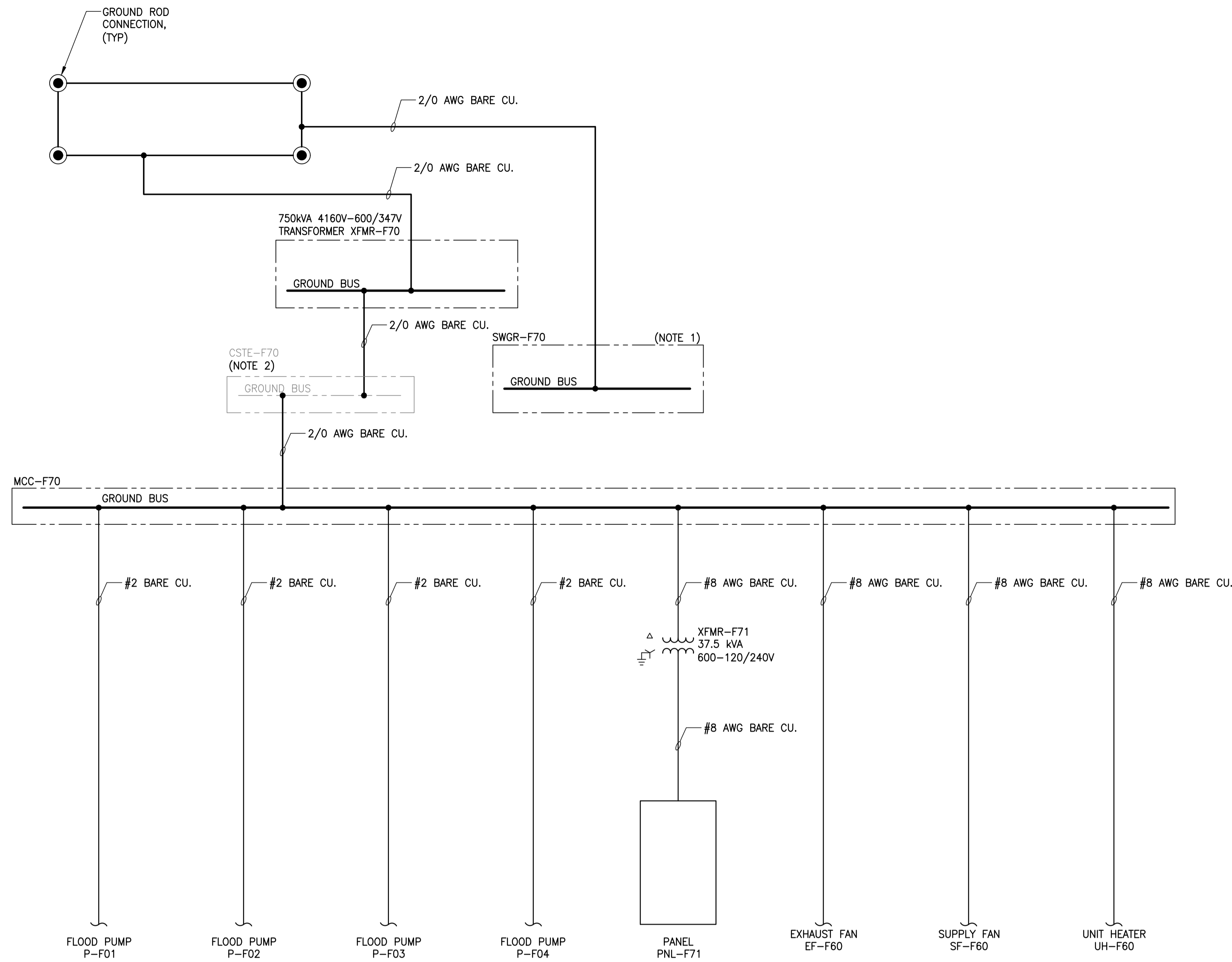
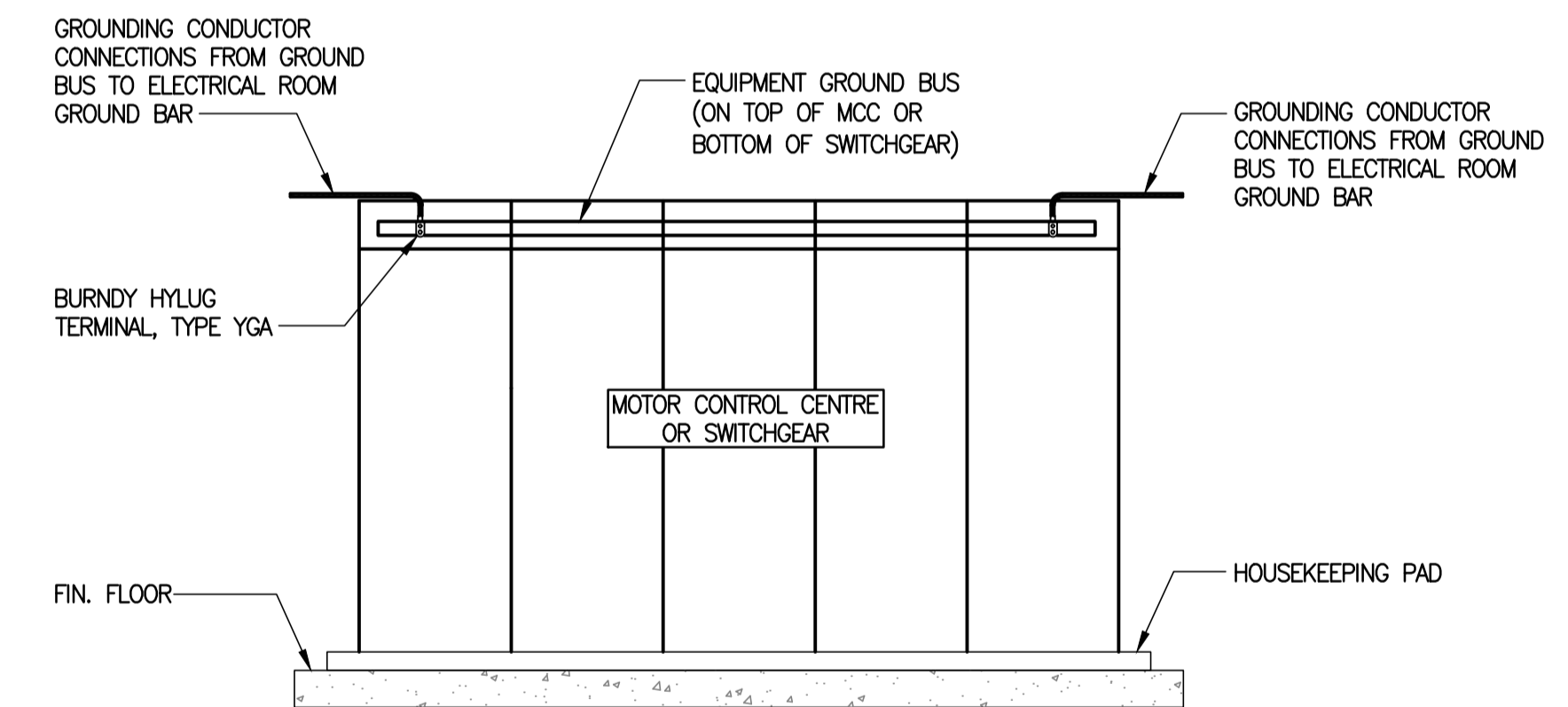


**NOTES:**

- UPON TRANSFER OF OWNERSHIP OF 4.16KV SWITCHGEAR SGR-01 AND TRANSFORMER XFMR-01 TO MANITOBA HYDRO, THE FACTORY INSTALLED NEUTRAL-GROUND LINK IN SGR-01 SHALL BE REMOVED.
- UPON TRANSFER OF OWNERSHIP OF 4.16KV SWITCHGEAR SGR-01 AND TRANSFORMER XFMR-01 TO MANITOBA HYDRO, THE 4.16KV CSTE SHALL BE CONNECTED TO THE GROUND TERMINAL OF XFMR-01.



**1** GROUNDING RISER DIAGRAM  
SCALE: N.T.S.



**2** MCC OR SWITCHGEAR GROUNDING CONNECTIONS  
SCALE: N.T.S.



B.M.	-			
ELEV.	-			
DESIGNED BY:	L. UPPAL			
CHECKED BY:	J. BOUCHARD			
DRAWN BY:	J. deLEON			
APPROVED BY:	J. BOUCHARD			
SCALE:	AS NOTED			
ISSUED FOR CONSTRUCTION BY:				
DATE:	2019/07/12			
DATE:				
CONSULTANT NO.:	19-0107-002_E19			
NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER AND CONSTRUCTION	2019/07/12	LU	JAB

**KGS GROUP**  
CONSULTING ENGINEERS

ENGINEER'S SEAL

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

CLIFTON FLOOD PUMPING STATION UPGRADES

ELECTRICAL  
ELECTRICAL GROUNDING AND BONDING  
RISER DIAGRAM

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0125F-E0025-001	00	00	A1