



	<u>GE</u>	NERAL NOTES:	
Omm COVER	1.	COORDINATE EXACT LOCATION OF CONDUITS WITH EQUIPMENT SHOP DRAWINGS PRIOR TO CONCRETE POUR.	
	2.	TRANSFORMER CLEARANCES SHLL BE IN ACCORDANCE WITH CEC RULE 26-242(2)(b)(i).	
ROD, 4/0 , CABLE	3.	PERIMETER BURIED GROUND CABLE AND GROUND RODS SHALL BE INSTALLED AS PER DETAILS 1, 2 AND 3.	
	4.	ALL GROUND CABLES ARE BARE 4/0 AWG, COPPER, UNLESS OTHERWISE INDICATED.	
	5.	ALL SURFACE RUN CABLING SHALL BE PHYSICALLY PROTECTED BY EMBEDDING THE CABLE WITHIN THE CONCRETE SLAB, BY DIRECT BU OR BY SURFACE RUN CONDUIT.	
	6.	EQUIPMENT DOOR OPENINGS ARE NOT SHOWN FOR CLARITY.	
D	7.	ALL 4160 AND 600 VAC POWER CABLING AND CONDUIT IS NOT SHOWN FOR CLARITY. REFER TO OTHER DRAWINGS.	
	<u>CC</u>	NSTRUCTION NOTES:	
	$\mathbf{C}$	ALL PERIMETER GROUND CABLES SHALL BE BURIED BELOW FINISHED GRADE. ALL BELOW GRADE CONNECTIONS SHALL BE COMPRESSION OR CADWELDED.	
	C	PROVIDE 4/0 AWG BARE COPPER GROUND RUN IN 53mmø CONDUIT SLEEVE FROM ELECTRICAL EQUIPMENT TO GROUND GRID. PROVIDE TWO (2) SEPARATE GROUNDING CONNECTIONS FOR EACH PIECE OF EQUIPMENT. EQUIPMENT SHALL BE GROUNDED TO TWO (2) DIFFERENT GROUNDING CONDUCTOR RUNS.	
SMALLER	C	PROVIDE CONDUIT EMBEDDED IN CONCRETE SLAB FOR PRIMARY CABLE FROM THE 5KV SWITCHGEAR SGR-F70 FUSIBLE DISCONNECT TO TRANSFORMER XFMR-F70. EXACT LOCATIONS SHALL BE DETERMINED FROM THE SHOP DRAWINGS OF THE TRANSFORMER AND 5KV SWITCHGEAR. PROVIDE WATERPROOF SEALING OF CABLES AFTER INSTALLATION.	

- THE CONDUIT SLEEVES FOR INCOMING AND OUTGOING CABLING SHALL BE EXTENDED 500mm PAST THE EDGE OF THE CONTRACT SHALL BE EXTENDED 500mm PAST THE EDGE OF THE CONCRETE PAD AND SEALED AROUND THE CABLING.
- 5 provide warning signs in accordance with CSA 22.1, rule 36-006.

LEGEND:

- 4/0 AWG BARE STRANDED COPPER GROUND CABLE
  - 6000mm LONG (19mm Ø) COPPER CLAD GROUND ROD WITH GROUND WELL
  - CABLE COMPRESSION CONNECTION
  - CADWELD OR SERVIT CONNECTION

<b>Réalis</b> innipeg, Manitoba 204-786-8080	ENGINEER'S SEAL	Winnipeg THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT					
ECKED BY: V. ELIMBAN PROVED BY: D. BECKER UED FOR CONSTRUCTION B. SOLOWAY TE: 2024/12/20	-	2025 TRANSFORMER REMEDIA ELECTRICAL & GROU	DLONY FLOOD PUMPING STATION RANSFORMER REMEDIATION UPGRADES ELECTRICAL & GROUNDING INSTALLATION DETAILS				
	-	city drawing number 1-0128F-E0003	sheet 001	rev.	size A1		