

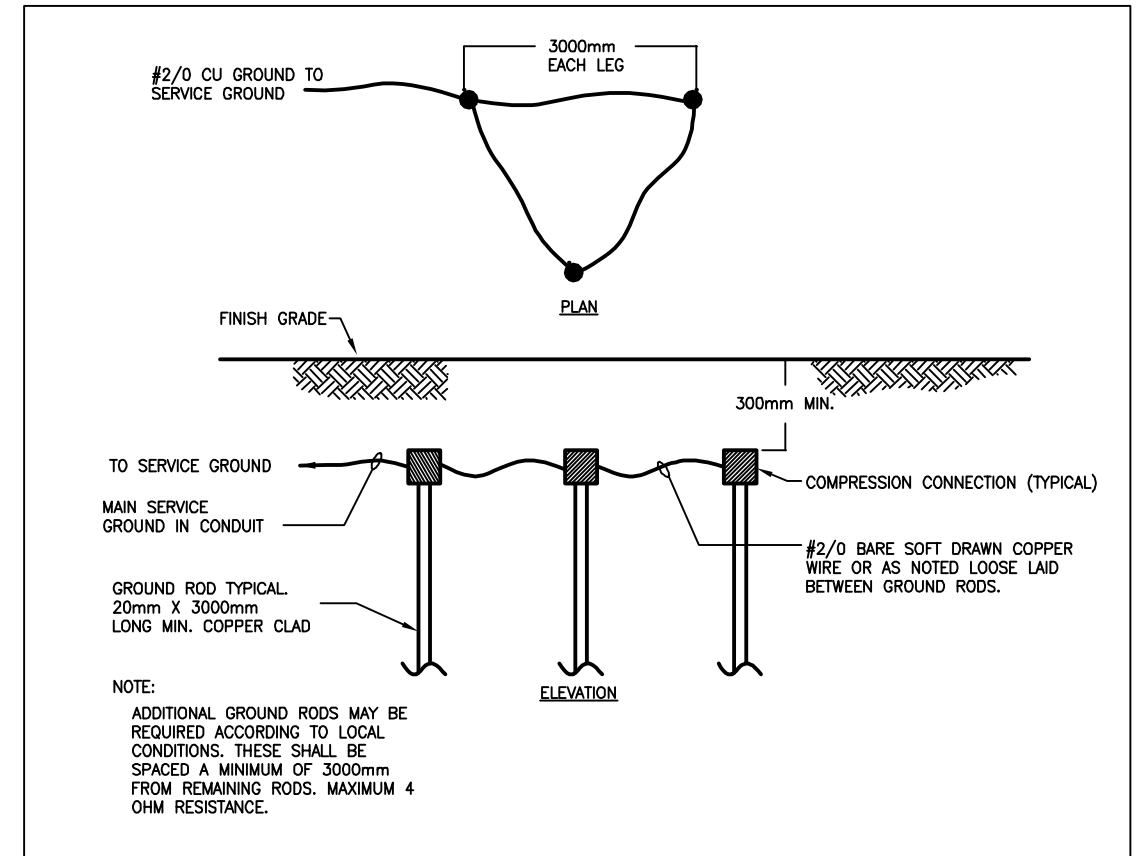
**ELECTRICAL SINGLE LINE**  
SCALE: NTS

**GENERAL NOTES**

1. ALL DEVICES SHOWN ARE NEW, AND ARE TO BE PROVIDED BY THE CONTRACTOR.
2. ALL EXTERIOR EQUIPMENT SHALL BE LOCKABLE.
3. PROVIDE CLASS 1, DIV. 1 SEALS AT THE CABLE ENTRY POINTS INTO THE EXTERIOR PANELS / ENCLOSURES FOR ALL CABLES WHICH ENTER THE LIFT STATION.

**SPECIFIC NOTES**

- 1 REFER TO THE WEATHERPROOF PANEL / CONTROL CABINET ENCLOSURES DETAIL ON DRAWING E4 FOR COMBINATION SERVICE ENTRANCE PANEL REQUIREMENTS.
- 2 PROVIDE NEMA 1 PUMPING STATION DUPLEX PUMP CONTROLLER (IN WEATHERPROOF NEMA 4 ENCLOSURE). PRODUCT SHALL BE GOULDS SES SERIES CONTROLLER OR APPROVED EQUAL. PROVIDE 4 STAGE (C/W 4 FLOATS) MOTOR CONTROL / HIGH LEVEL ALARM AUXILIARY CONTACT.



**SERVICE GROUND ELECTRODE DETAIL**  
SCALE: NTS



B.M. ELEV.	FIELD BOOK #	<b>CITY OF WINNIPEG WATER AND WASTE ENGINEERING DIVISION</b>		ENGINEER'S SEAL	<b>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT</b>
POSTED TO LBIS		DESIGNED BY: DEB	CHECKED BY: EMR	ORIGINAL SIGNED: E.M.RYCZKOWSKI 09/22/05	
		DRAWN BY: DEB	APPROVED BY: EMR		2006 CRESCENT DRIVE & IRVING PLACE WASTEWATER SEWER AND PUMPING STATION INSTALLATIONS
					WASTEWATER PUMPING STATION <b>ELECTRICAL SINGLE LINE AND DETAILS</b>
2 ISSUED FOR TENDER 09/22/05 EMR		HOR. SCALE: AS SHOWN	RELEASED FOR CONSTRUCTION	BID OPPORTUNITY: 509-2006 FILENAME: 05922.dwg PLOT DATE: 2006 08 03	SHEET 14 OF 15 CITY DRAWING NUMBER 05922
1 ISSUED FOR OWNER REVIEW 09/14/05 EMR		NO. REVISIONS	DATE BY	DATE	