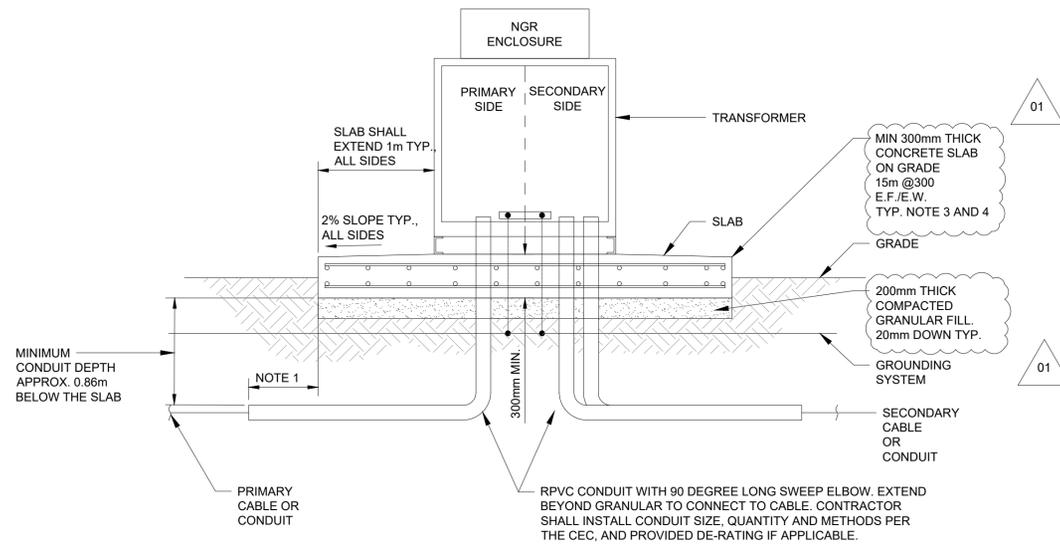


1 | LIGHTING POLE BASE DETAIL
 TYPICAL N.T.S.

NOTES:

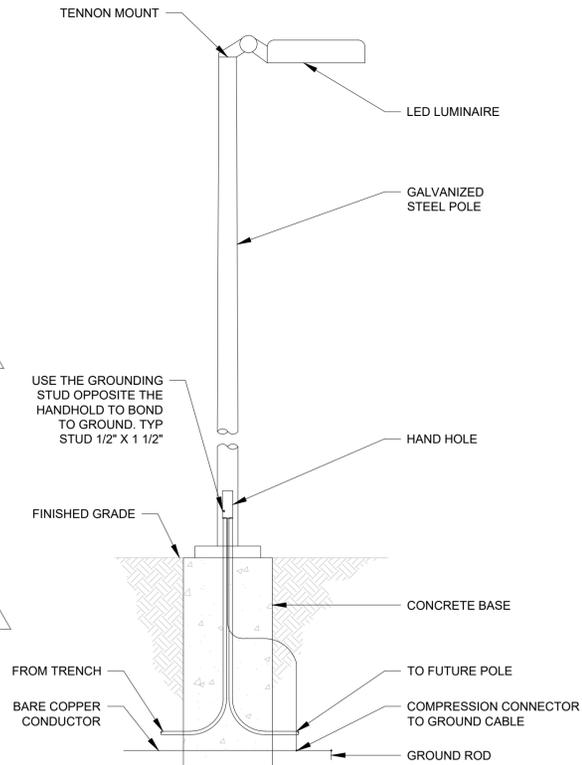
- FOR FUTURE ACCESS TO LOWER PORTION OF RPVC, LOCATE "V" GROOVE SIDE OF BASE TO ROADWAY PROVIDED THAT:
 - A MIN. HORIZONTAL SEPARATION OF 350mm IS MAINTAINED TO ANY PAVED SURFACE OR STRUCTURE; OR
 - IF LESS THEN 350mm, ROTATE BASE 90°.
- ROUTE UNDERGROUND CABLES DIRECTLY INTO RPVC.
- IN BACKFILL AREA, ENCASE UNDERGROUND CABLES IN A 75mm RADIUS ENVELOPE OF SAND TO PROTECT CABLES. DO NOT BACKFILL WITH SAND MORE THAN 1/6 OF THE WAY AROUND BASE.
- TAMPED GRAVEL BED SHALL EXTEND BELOW THE FROST PENETRATION DEPTH FOR THE AREA/LOCATION INSTALLED. AT MINIMUM THE TAMPED GRAVEL BED SHALL EXTEND TO 2.4m (ASSUMED FROST DEPTH), PLUS 0.1m FOR A TOTAL OF 2.5m BELOW FINISHED GRADE.



2 | PAD MOUNT TRANSFORMER DETAIL
 TYPICAL N.T.S.

NOTES:

- CONTRACTOR TO EXTEND CONDUIT LENGTHS A MINIMUM OF 0.3m HORIZONTALLY BEYOND THE SLAB.
- MOUNT NGR ENCLOSURE ON TOP OF THE EXISTING TRANSFORMER ENCLOSURE BOXES. ENSURE ALL ENVIRONMENTAL RATINGS ARE MAINTAINED.
- CONCRETE SHALL BE TYPE 1 AS LISTED IN CONCRETE MIX TYPES ON DRAWING 1-0101-SAAA-A002.
- CLEAR CONCRETE COVER TO REINFORCING STEEL AT MINIMUM SHALL BE: 75mm FOR BOTTOM, 50mm FOR ALL OTHER SURFACES.



3 | POLE LIGHTING DETAIL
 TYPICAL N.T.S.



NO.	REVISIONS	DATE	DESIGN	CHECK
01	ISSUED FOR ADDENDUM 7	2025-03-14	TW	SB
00	ISSUED FOR TENDER	2025-01-31	JEP	SB

AECOM	
DESIGNED BY: TW	CHECKED BY: SB
DRAWN BY: TW	APPROVED BY: NW
SCALE: NTS	RELEASED FOR CONSTRUCTION BY:
DATE: 2020-12-09	DATE:
CONSULTANT NO: A0-E505	

ENGINEER'S SEAL

TENDER NO. 721-2024

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

NORTH END SEWAGE TREATMENT PLANT
 PRIMARY CLARIFICATION PROJECT
 ELECTRICAL
 DETAILS

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0101-EDTL-A005	001	01	A1