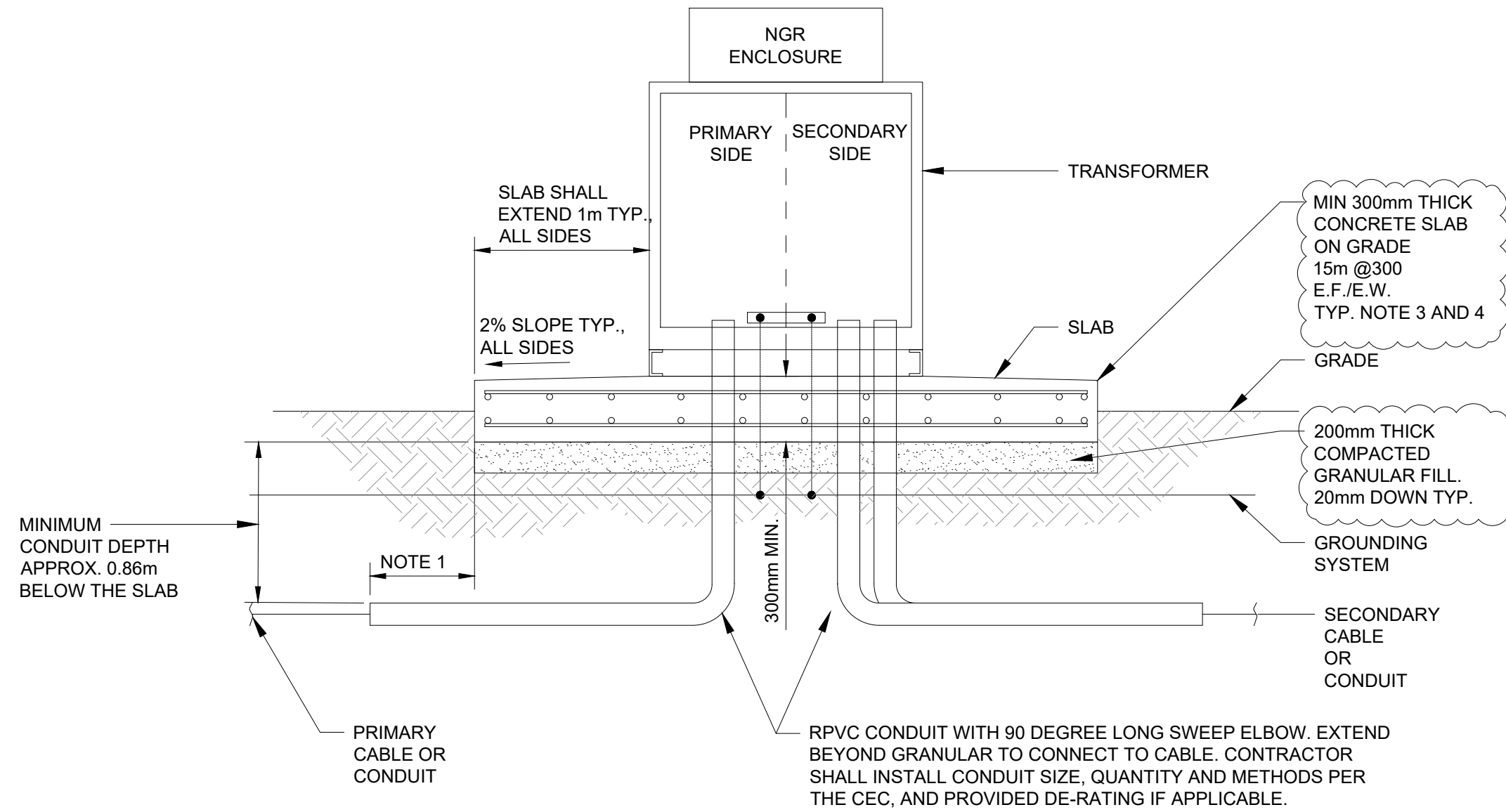


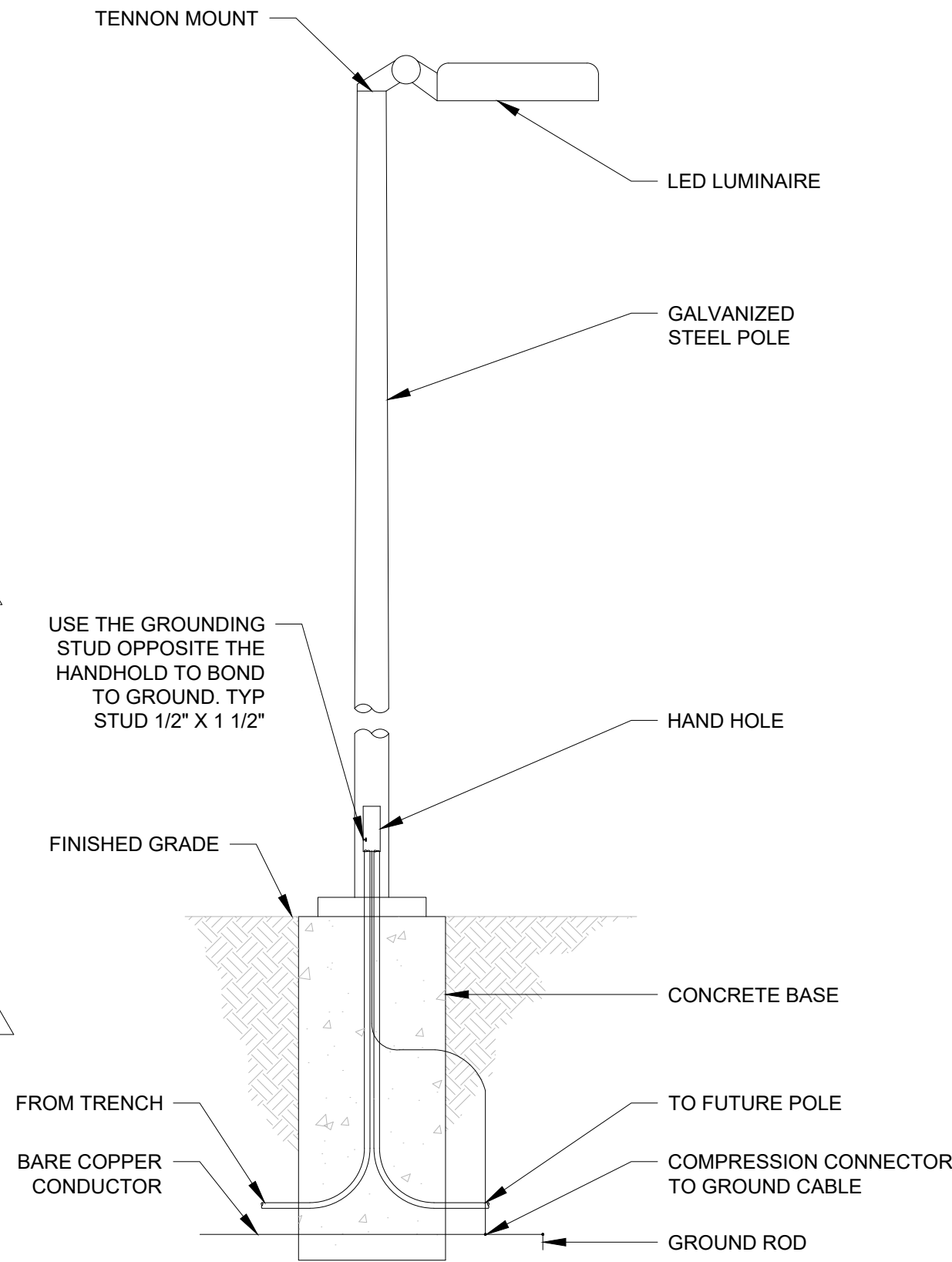
1 | LIGHTING POLE BASE DETAIL  
TYPICAL N.T.S.

- 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.
  - TAMPERED GRAVEL BED SHALL EXTEND BELOW THE FROST PENETRATION DEPTH FOR THE AREA/LOCATION INSTALLED. AT MINIMUM THE TAMPERED GRAVEL BED SHALL EXTEND TO 2.4m (ASSUMED FROST DEPTH), PLU 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

<b>AECOM</b>	
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
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<b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT			
NORTH END SEWAGE TREATMENT PLANT PRIMARY CLARIFICATION PROJECT ELECTRICAL DETAILS			
CITY DRAWING NUMBER <b>1-0101-EDTL-A005</b>	SHEET <b>001</b>	REV. <b>01</b>	SIZE <b>A1</b>