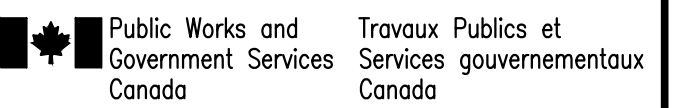


- NOTES:
1. INCOMING SERVICES:
 - 103mm CONDUIT -- POWER
 - 103mm CONDUIT -- SPARE
 - 103mm CONDUIT -- CCS
 - 53mm CONDUIT -- VOICE/DATA
 - 53mm CONDUIT -- SPARE
 2. ALL TRENCHES SHALL BE BACKFILLED AND TAMPED IN 300MM LAYERS, EXCEPT AT ROAD CROSSINGS WHERE THE BACKFILL SHALL BE THE SAME MATERIAL AS THE ROADBED AND TAMPED IN 150MM LAYERS. EXCESS FILL SHALL BE PLACED ON TOP TO ALLOW FOR SETTLING. MAX. ROCK SIZE PERMITTED IN THE SELECT BACKFILL MUST BE LESS THAN 50MM.
 3. COPPER FIRE WIRE MIN. #12 MUST BE INSTALLED IN ALL DUCTS.
 4. ALL PVC FITTINGS, COUPLINGS & ADAPTERS ARE TO BE SOLVENT WELD.
 5. INSTALL 15MM DIAMETER REBAR ALONG 4 CORNERS OF CONCRETE DUCT BANK
 6. INSTALL COMMUNICATIONS AND CABLE TV SERVICE CONDUITS IN ACCORDANCE WITH EACH UTILITIES STANDARDS. INCLUDE ALL ASSOCIATED COSTS IN CONTRACT PRICE.
 7. EXTERIOR LIGHTING: THE LIGHT FIXTURE LAYOUT ON THE DRAWING IS DESIGNED TO ACHIEVE AN AVERAGE ILLUMINATION OF 2.8 fc USING A COMBINATION OF POLE LIGHT AND WALL FIXTURES. THE CONTRACTOR MUST PREPARE DESIGN CALCULATIONS TO OBTAIN A SIMILAR DISTRIBUTION TO THE LAYOUT INCLUDED IN THE SPECIFICATION APPENDIX J. FIXTURE QUANTITY AND LOCATION MAY CHANGE IF NECESSARY TO ACHIEVE THE DESIRED RESULTS, DEPENDED ON THE SELECTED FIXTURES. THE CONTRACTOR MUST INCLUDE CONDUIT AND WIRING AS REQUIRED TO SUIT ANY CHANGES TO THE LAYOUTS.
 8. PROVISIONS FOR FUTURE ALTERNATE ENERGY SOURCE. 150mm X 150mm PRESSURE TREATED WOOD POST 1.5M LONG WITH 500mm BURIED. PROVIDE TWO 53mm PVC CONDUITS TERMINATE IN 1500MM SQUARE FIBERGLASS WEATHERPROOF BOX ATTACHED TO POST WITH STAINLESS STEEL FASTENERS. IDENTIFY BOX WITH ENGRAVED NAMEPLATE "ALTERNATE ENERGY". CONDUITS TO RUN UNDERGROUND AND TURN UP IN STORAGE ROOM 105 AND EXTEND TO GENERATOR ROOM.
 9. ROOF RAIL STRUCTURE FOR MOUNTING OWNER SUPPLIED EQUIPMENT AND LIGHTNING PROTECTION. REFER TO ARCHITECTURE AND STRUCTURAL DRAWINGS FOR LOCATION AND DETAILS. SEE DRAWING E9.
 10. GROUND ROD FOR LIGHTNING PROTECTION. LOCATION TO BE DETERMINED ON SITE. REFER TO DRAWING E9 FOR DETAILS.



amec foster wheeler 

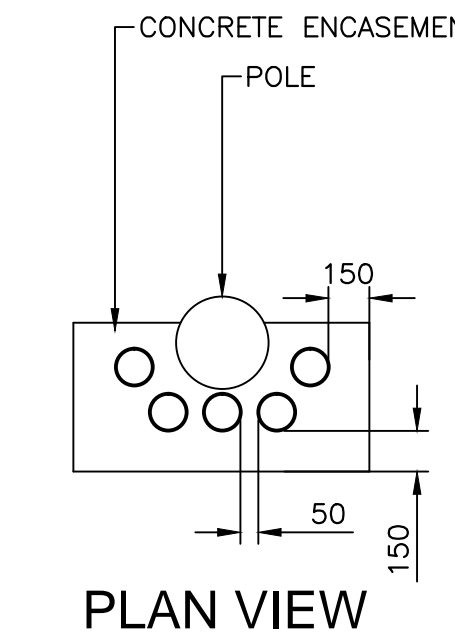


EXTERIOR GRONDING PLAN

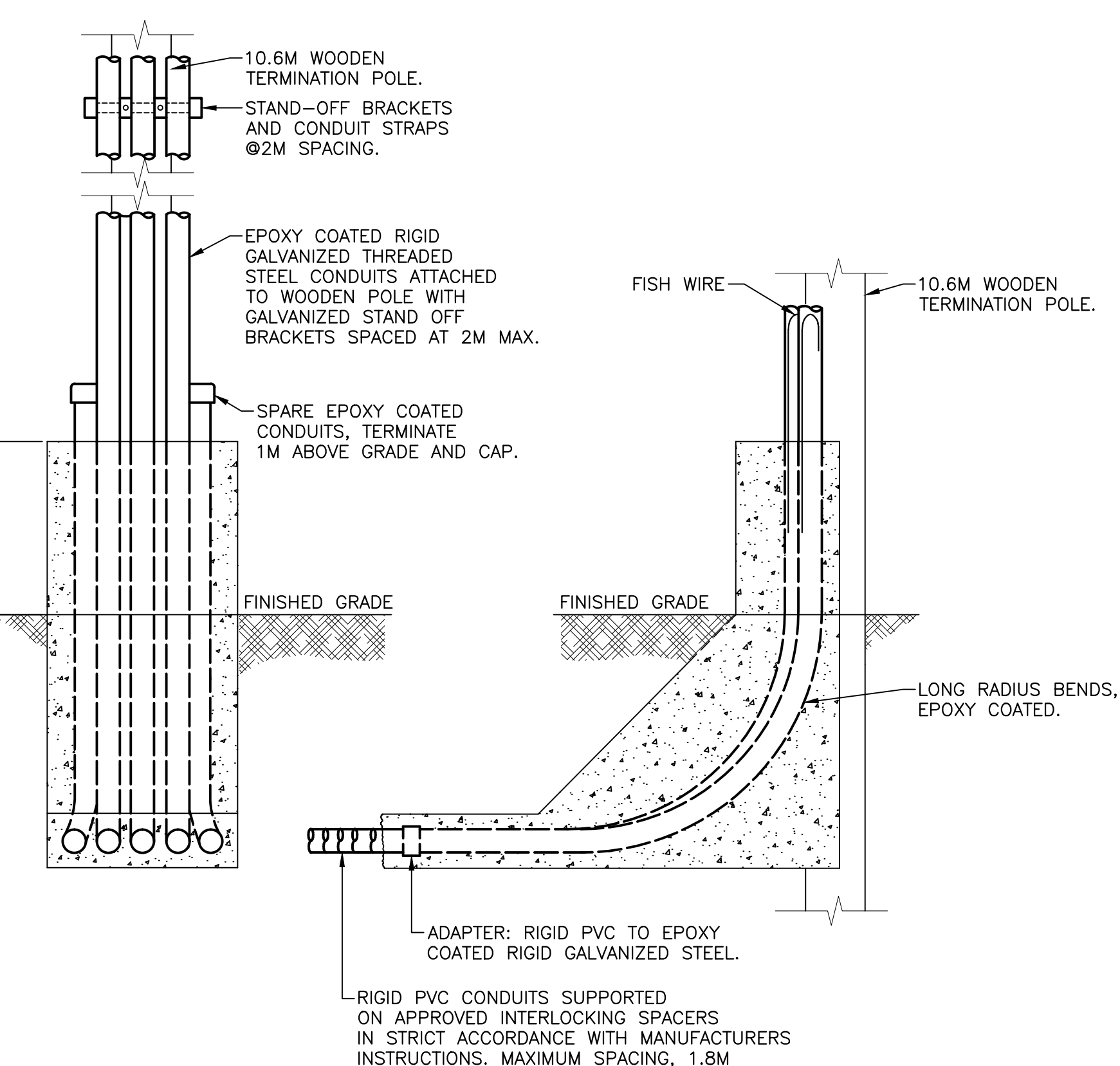
GROUNDING PLAN

SCALE : 1:400

2
E2

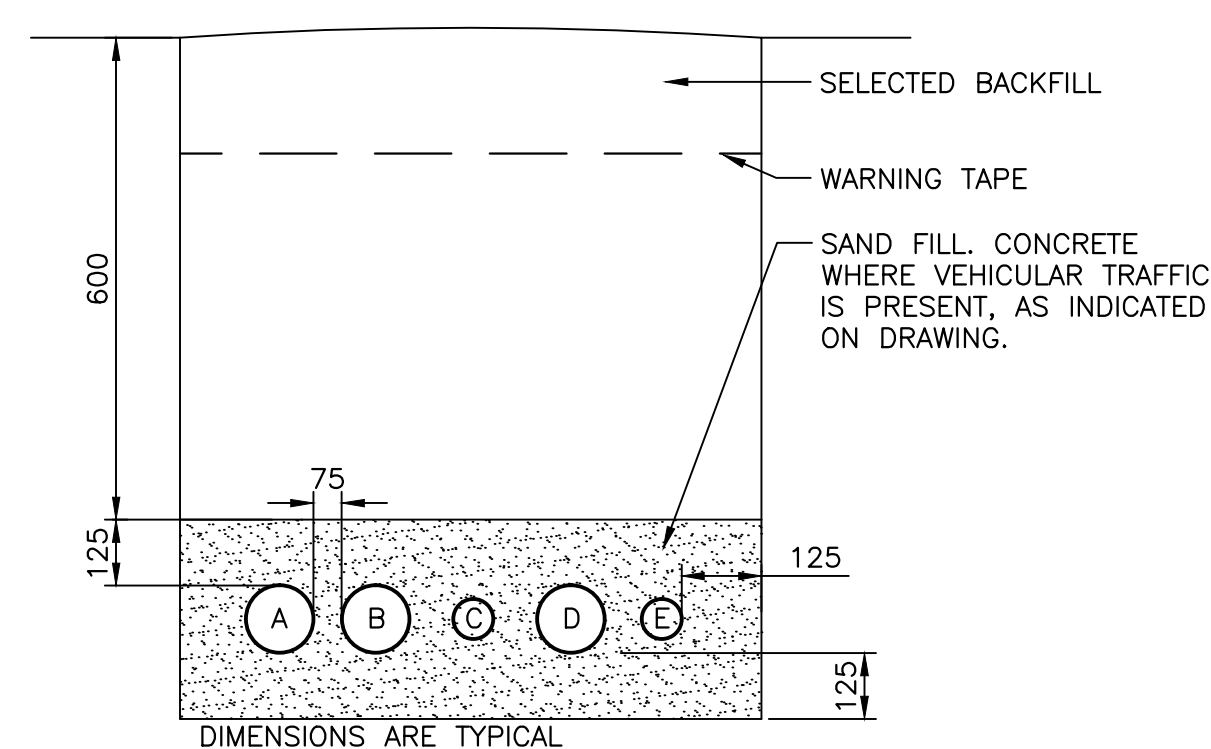


PLAN VIEW



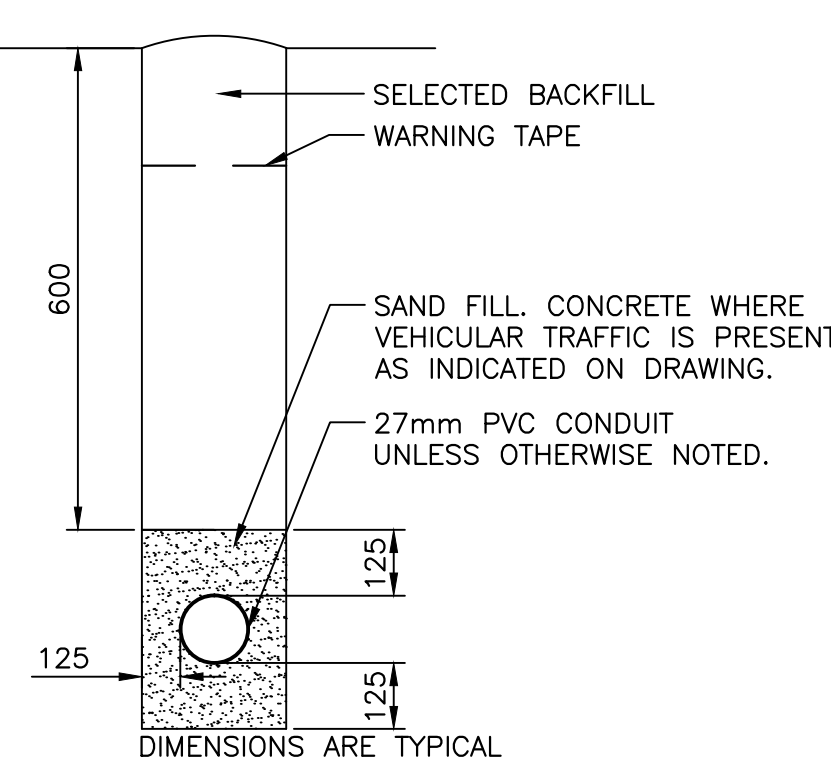
UTILITY POLE DETAIL

SCALE : NTS



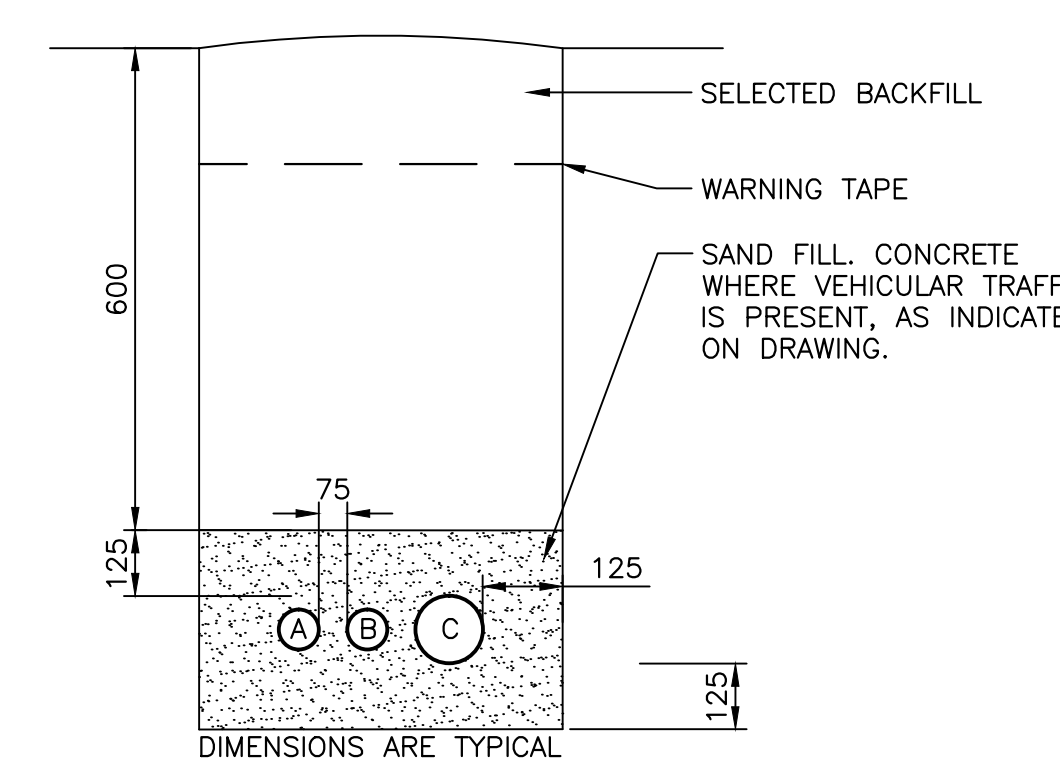
TRENCH SECTION

SCALE : NTS



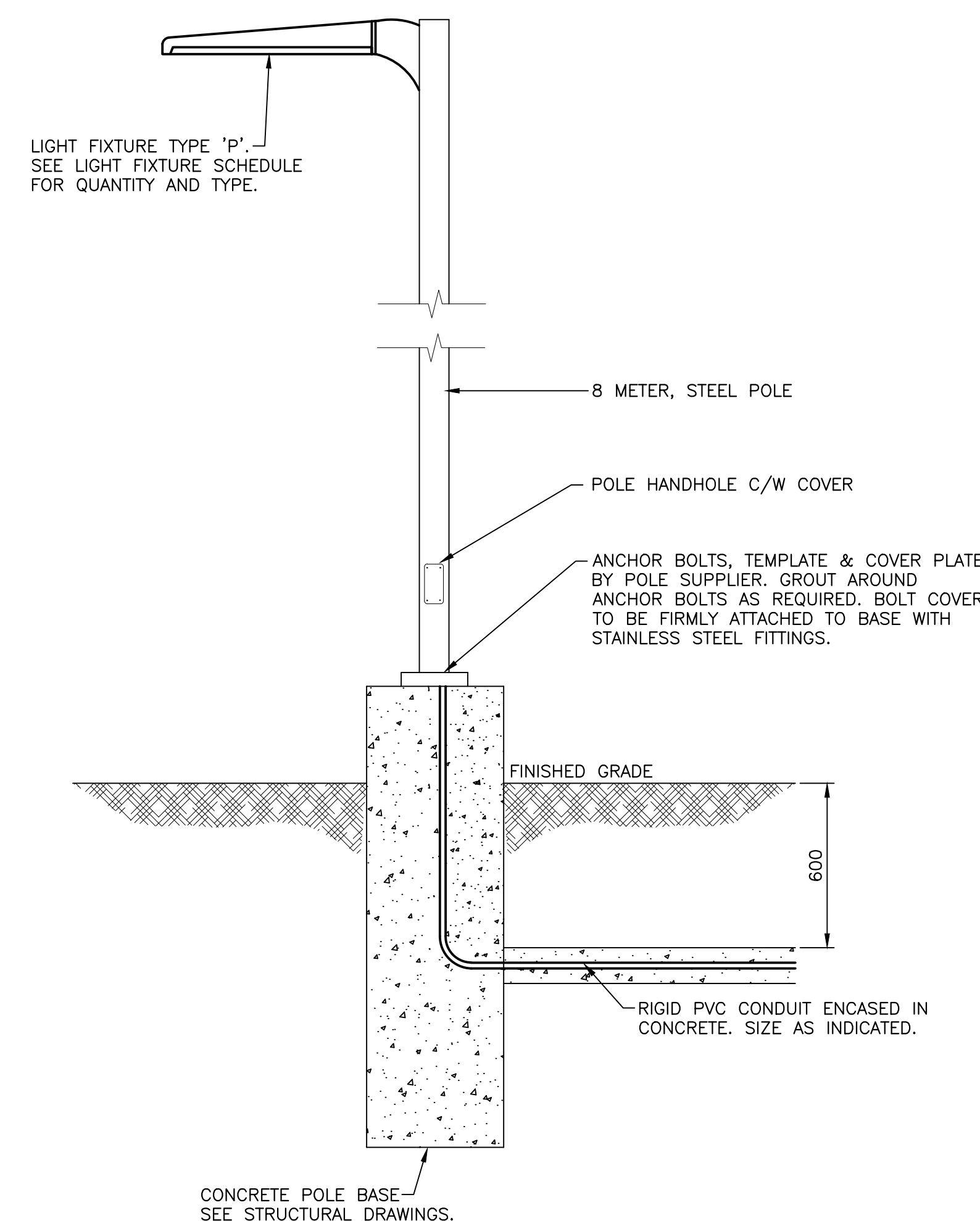
TRENCH SECTION

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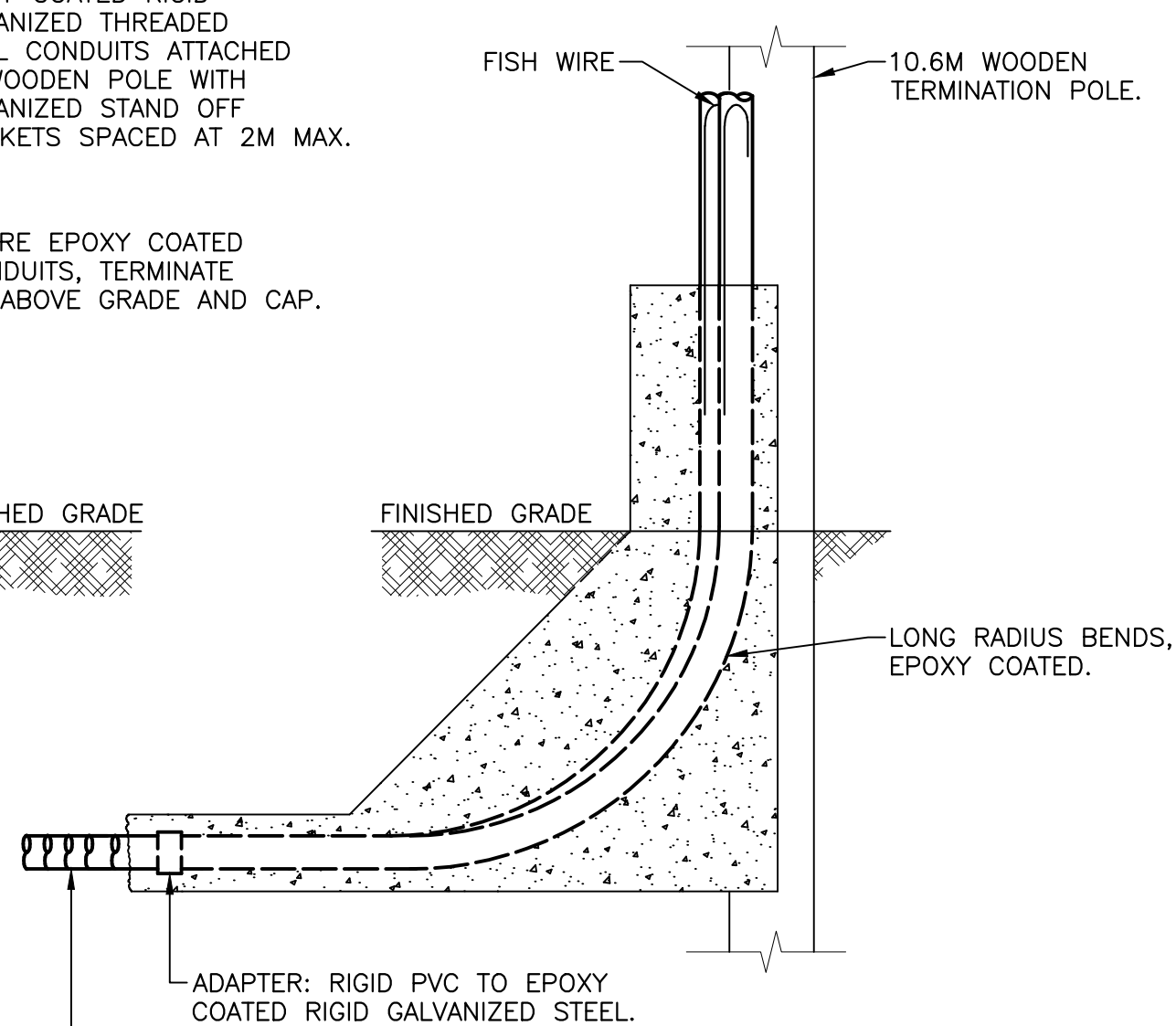
TRENCH SECTION

SCALE : NTS



LIGHT POLE DETAIL

SCALE : NTS



UTILITY POLE DETAIL

SCALE : NTS

C	ISSUED FOR TENDER	JUN 28 2017
B	ISSUED FOR 99% REVIEW	MAY 25 2017
A	ISSUED FOR CLIENT REVIEW	APR 28 2017
revisions		date

MCTS CENTRE

PORT AUX BASQUES

ELECTRICAL SITE PLAN AND DETAILS

designed BB conçu

date JUNE 28 2017

drawn  dessiné

date JUNE 28 2017

approved	<i>QB</i>	approuvé
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date	JUNE 28 2017
Tender	α/ macgillivray indy
Submission	14/17

PWSSC Project Manager Administrateur de projets TPSGC
 project number no. du projet

R.081781.004

drawing no.	no. du dessin
F2	

E2