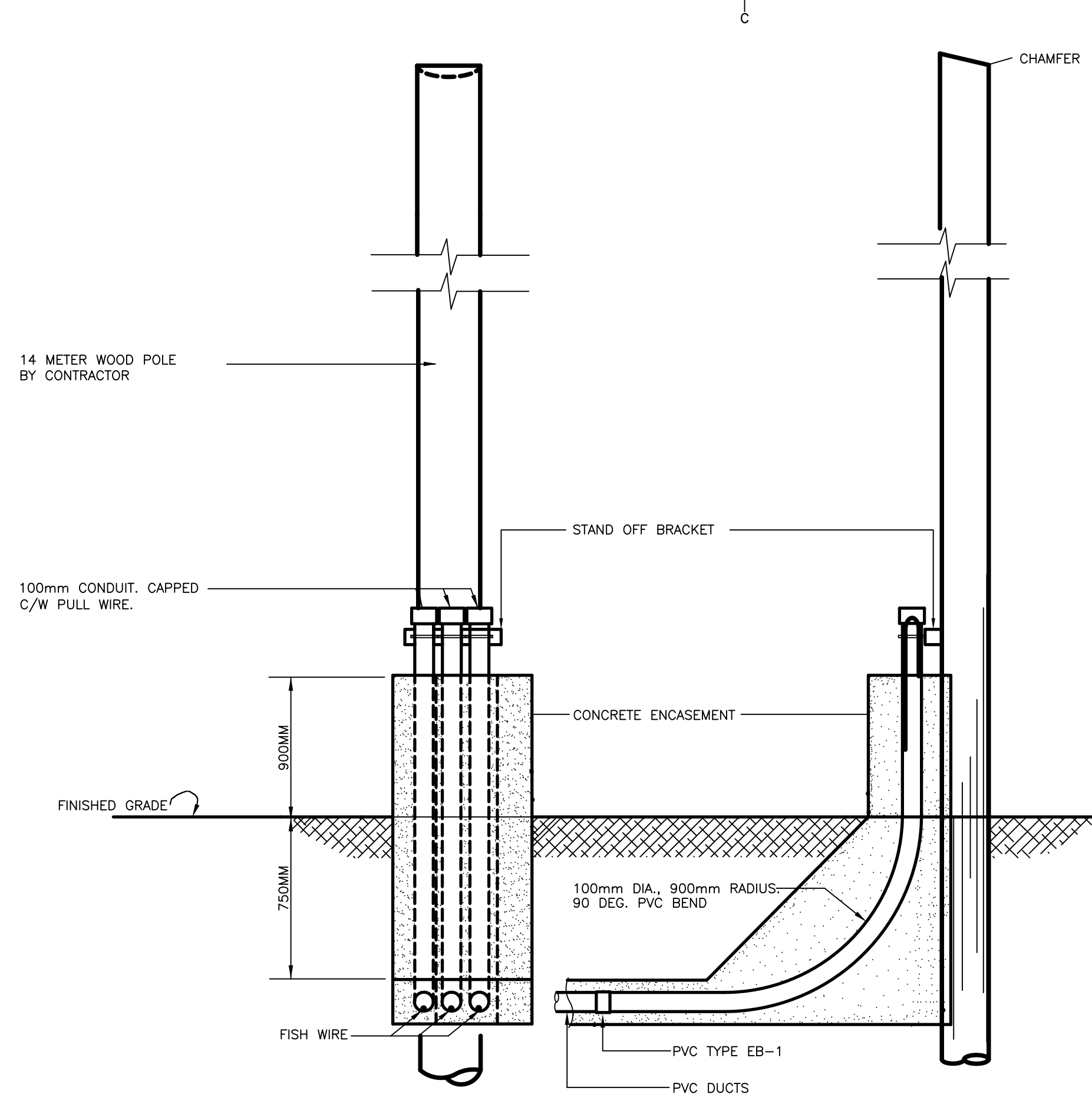


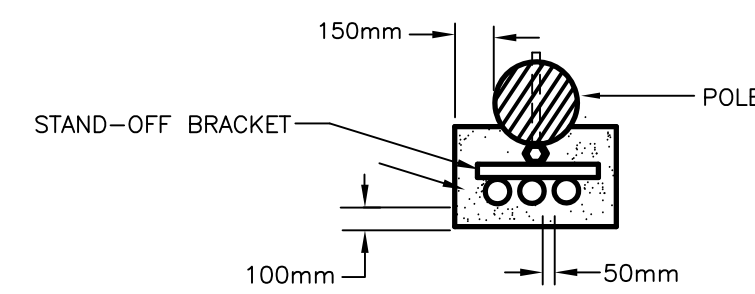
NOTE: ALL CONDUITS MUST BE RAN UNDER SHED SLAB AND NOT TO BE IMBEDDED IN CONCRETE SLAB.

1 CONDUIT ENTRY INTO SHED SLAB ON GRADE
E1/E2 N.T.S.



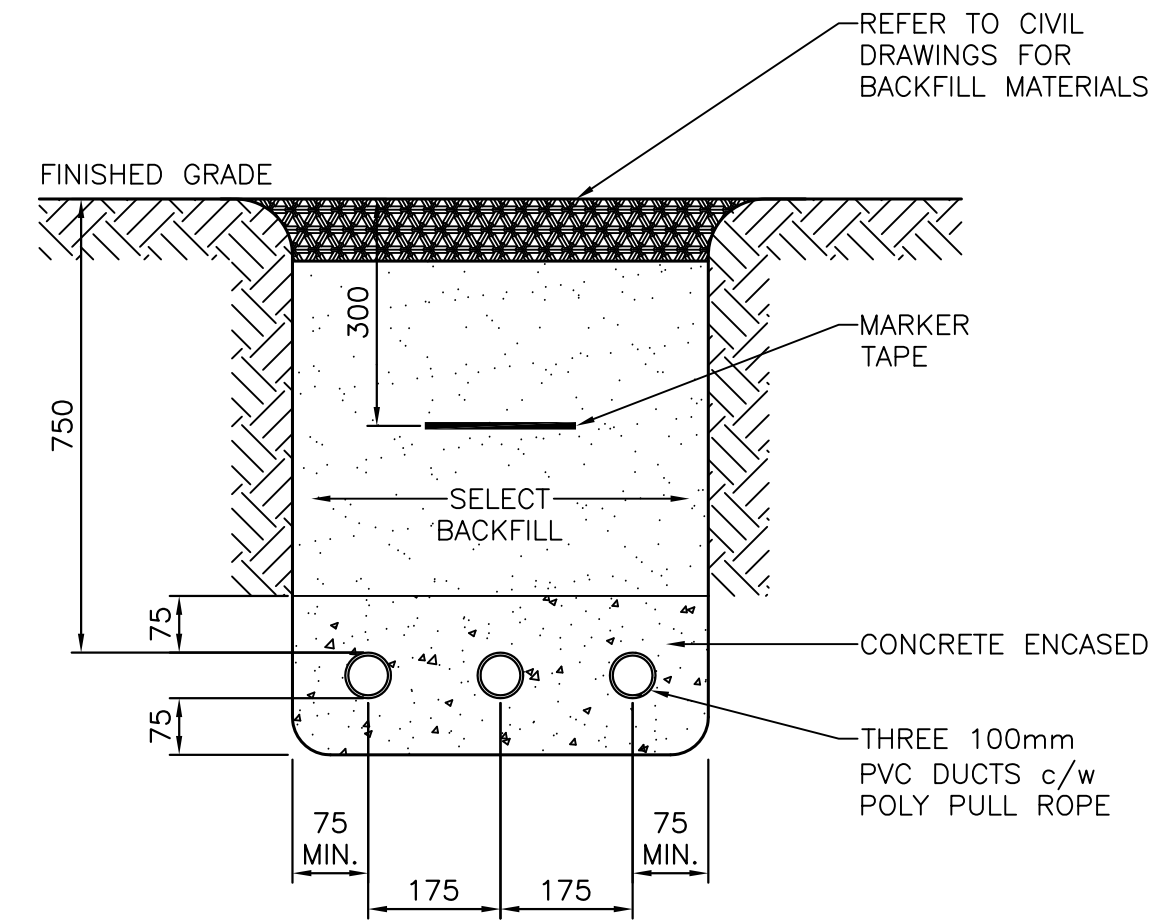
NOTES:

- 1- 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.
- 2- THE DUCTS SHALL BE SUPPORTED BY APPROVED SPACERS. NO WIRE OR METAL TIES ARE TO BE USED.
- 3- COPPER FISH WIRE MIN. #12 MUST BE INSTALLED IN ALL DUCTS.
- 4- ELECTRICAL DUCT MUST BE PVC TYPE EB-1 OR APPROVED EQUAL.
- 5- ALL DUCTS AND FITTINGS MUST BE CSA APPROVED.
- 6- ALL DUCTS ARE TO BE SECURELY CAPPED AT BOTH ENDS.
- 7- ALL FITTINGS, COUPLINGS & ADAPTERS ARE TO BE SOLVENT WELD.
- 8- OWNER'S POLE TO BE INSTALLED BY A SUB TRADE WHO IS FAMILIAR WITH THE REQUIREMENTS OF NEWFOUNDLAND POWER. COORDINATE EXACT DEPTH REQUIREMENTS AND LOCATION WITH NEWFOUNDLAND POWER PRIOR TO INSTALLATION.

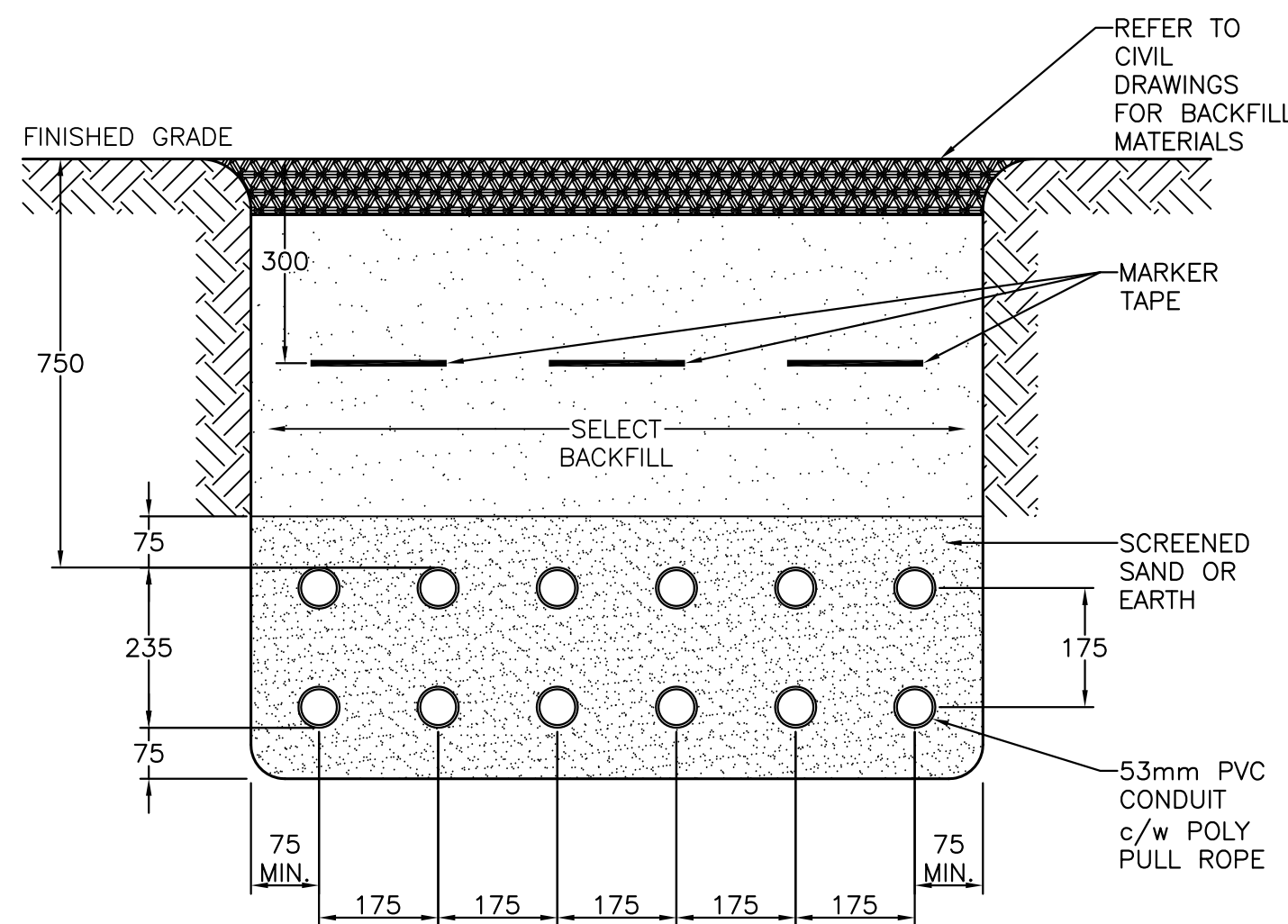


PLAN VIEW
SCALE: NTS

2 OWNERS POLE DETAIL
E1/E2 N.T.S.

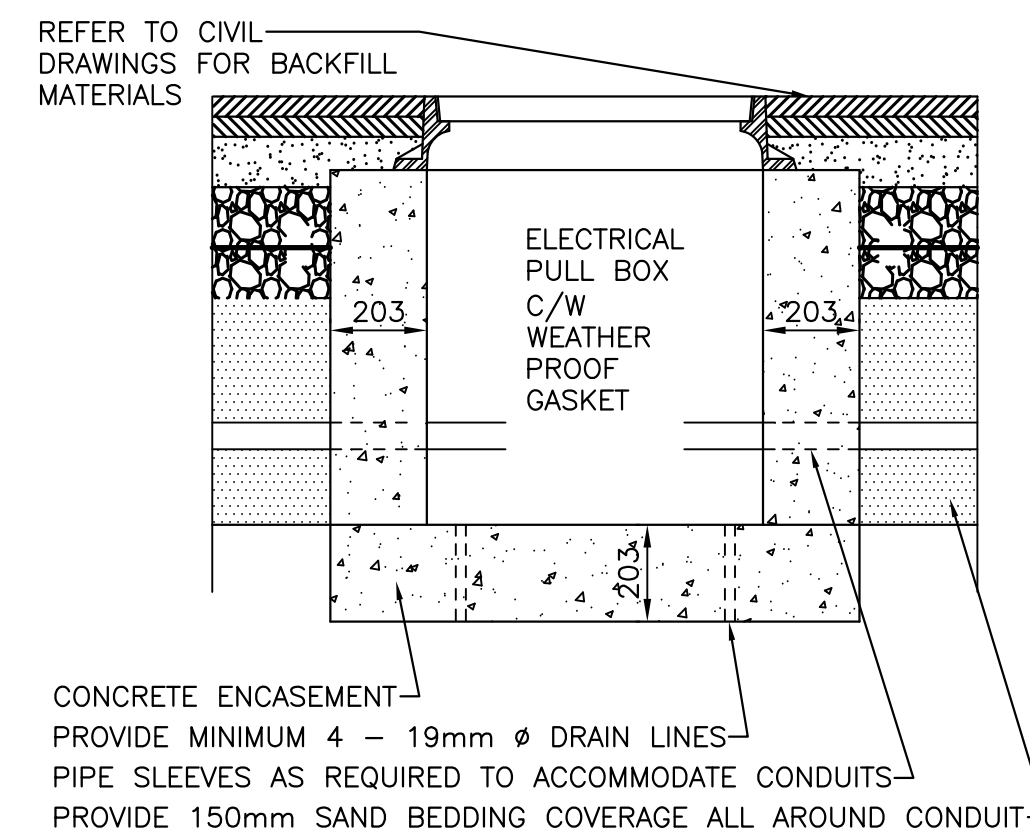


3 SERVICE ENTRANCE CONDUIT
E1/E2 N.T.S.



NOTE: ALL CONDUITS TO UTILIZE APPROVED SPACERS. NOTE WIRE OR METAL TIES ARE TO BE USED.

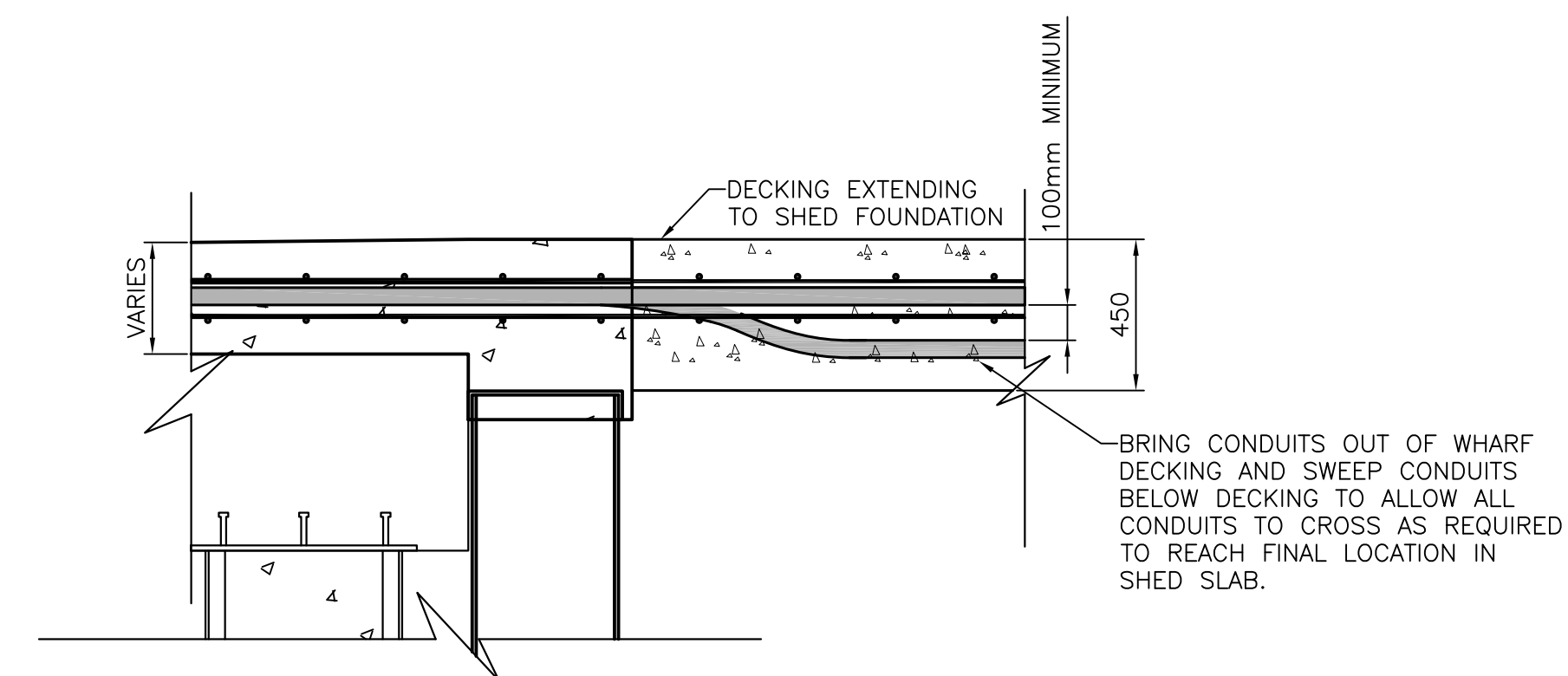
4 TYPICAL TRENCH DETAIL
E1/E2 N.T.S.



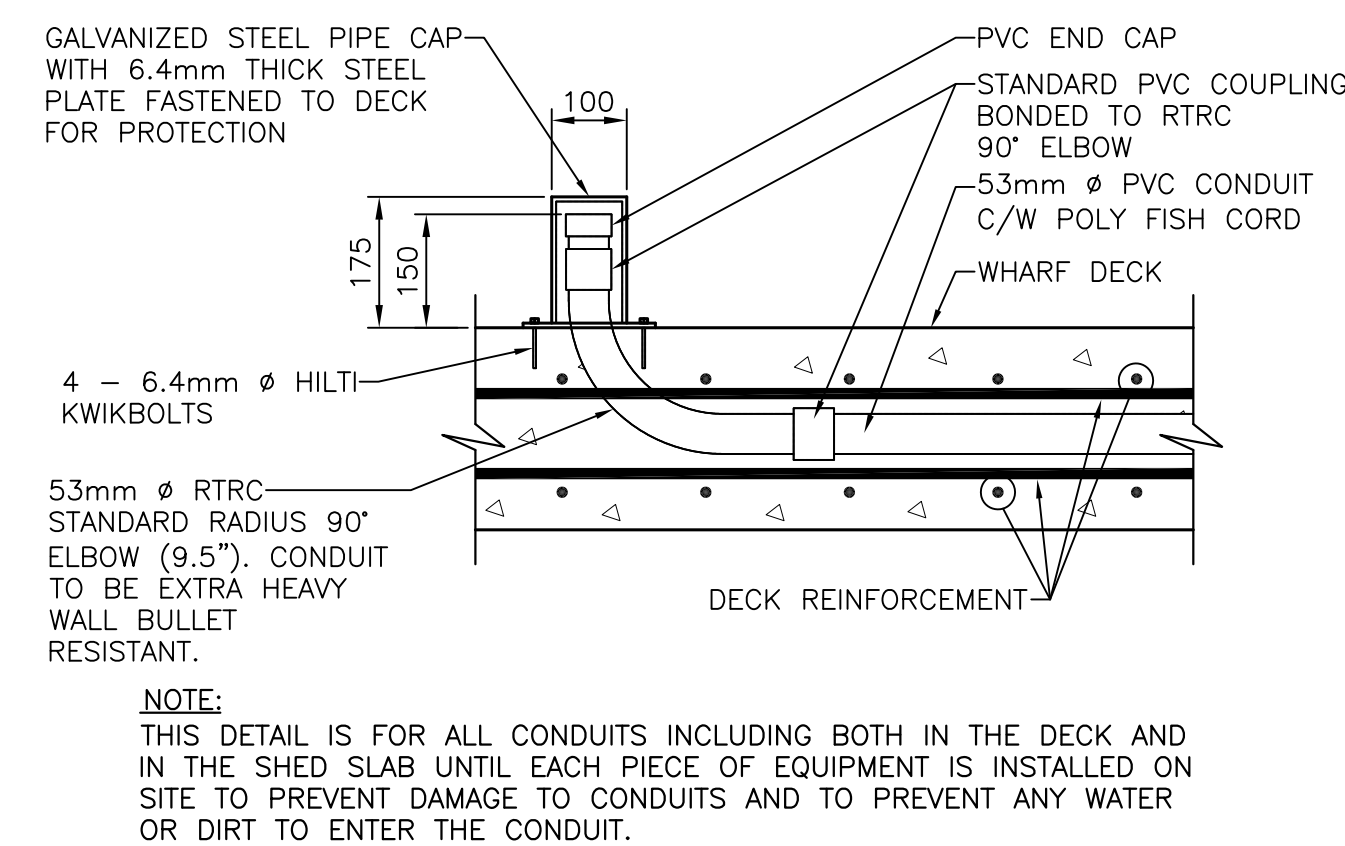
NOTE:

1. CONTRACTOR TO SIZE PULL BOX TO ACCOMMODATE ALL CONDUITS ENTERING AND LEAVING MANHOLE. EXACT LAYOUTS AND REQUIREMENTS TO BE DETERMINED ON SITE.
2. CONTRACTOR TO MAKE ALLOWANCE TO BUST CLIFF TO ALLOW FOR THE INSTALLATION OF PULL PIT. EXACT REQUIREMENTS OF CLIFF LOCATION UNKNOWN.
3. LAYOUT OF ALL CONDUITS ARE TO BE SITUATED TO ALLOW FOR EASY INSTALLATION OF FUTURE WIRING. MINIMUM SPACING OF CONDUITS ENTERING AND LEAVING THE PULL PIT SHALL COINCIDE WITH THE SPACING SHOWN IN THE TRENCH DETAIL.
4. ALL CONDUITS ENTERING AND LEAVING THE PULL PIT SHALL MAINTAIN A MINIMUM OF 750mm COVERAGE FROM FINAL GRADE AS PER TRENCH DETAIL.

5 ELECTRICAL PULL PIT
E1/E2 N.T.S.

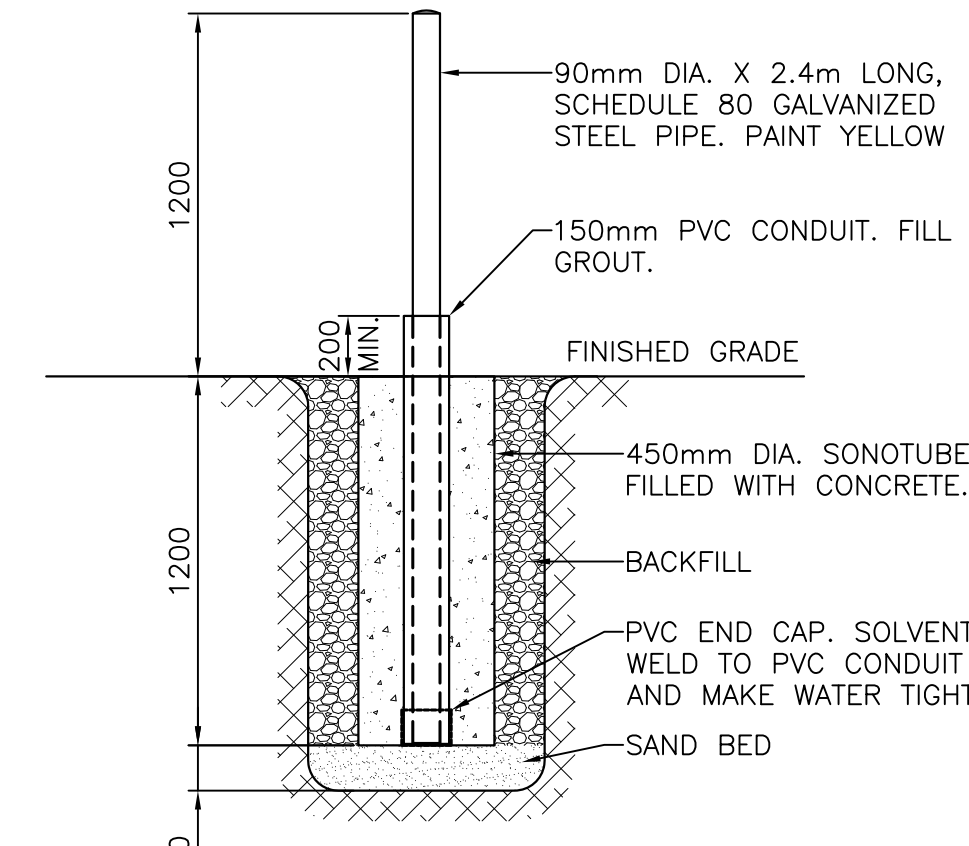


6 CONDUIT TRANSITION (TYPICAL FOR PILE AND CRIB)
E1/E2 N.T.S.

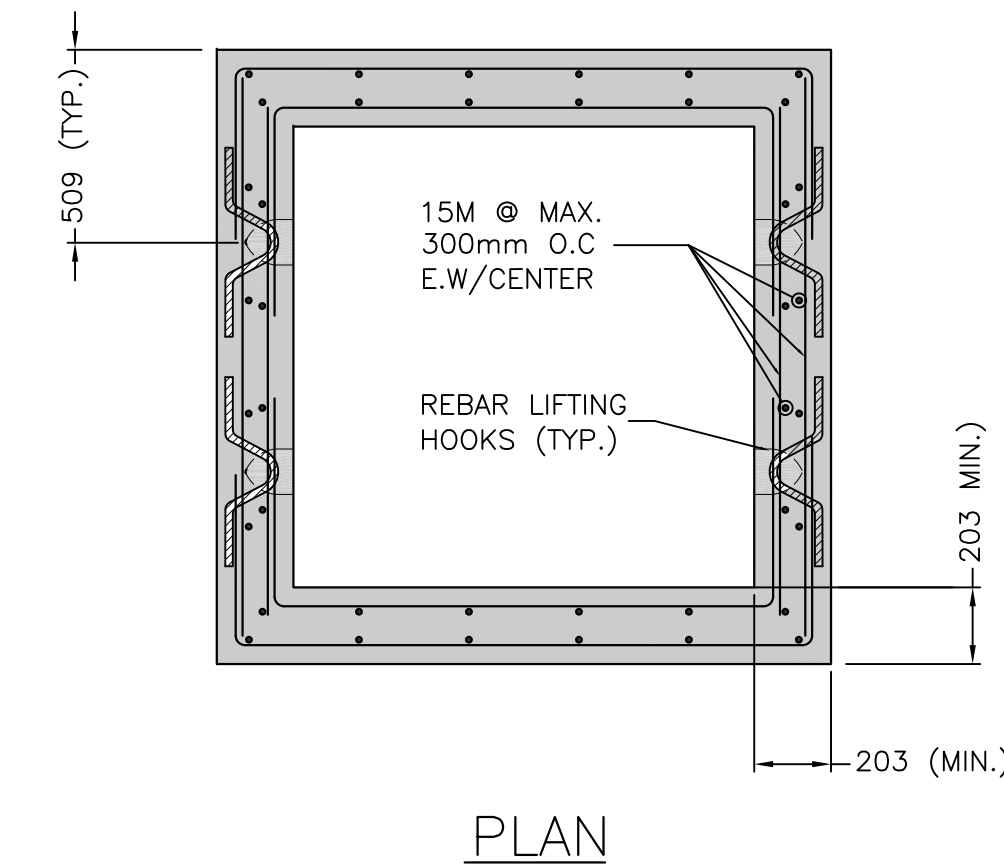


NOTE:
THIS DETAIL IS FOR ALL CONDUITS INCLUDING BOTH IN THE DECK AND IN THE SHED SLAB UNTIL EACH PIECE OF EQUIPMENT IS INSTALLED ON SITE TO PREVENT DAMAGE TO CONDUITS AND TO PREVENT ANY WATER OR DIRT TO ENTER THE CONDUIT.

7 PEDESTAL STUB-UP CONDUIT CAP DETAIL
E2 UNTIL EQUIPMENT INSTALLED.
N.T.S.

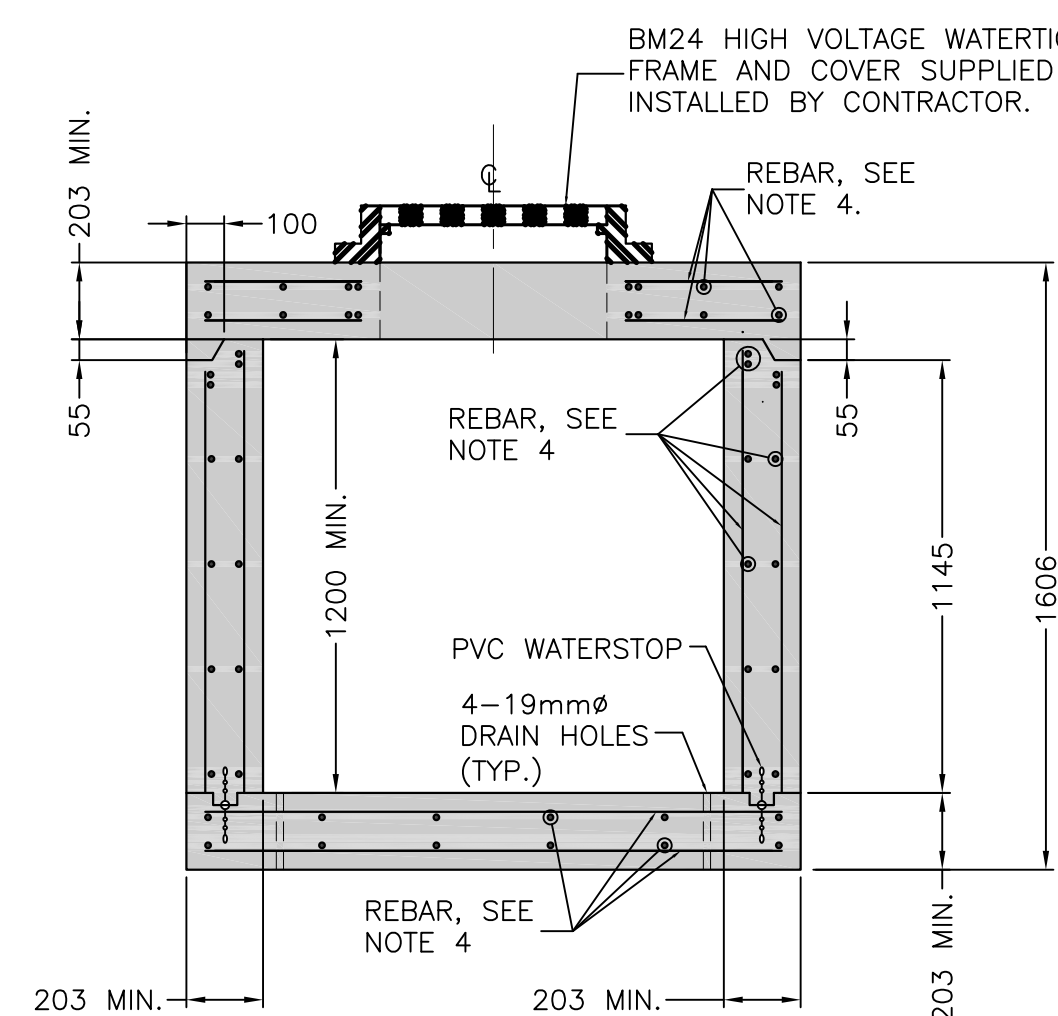


8 BOLLARD DETAIL
E2 N.T.S.



PLAN

9 CONCRETE PULL PIT DETAIL
E2 N.T.S.



SECTION

NOTES:

1. ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
3. ALL WORK TO BE COMPLETED AS PER CANADIAN ELECTRICAL CODE C22.1-18.
4. ALL CONCRETE RE-BAR AND DIMENSIONS ARE SHOWN FOR REPRESENTATION ONLY. CONTRACTOR TO ENGAGE A QUALIFIED STRUCTURAL ENGINEER TO DESIGN PULL PIT FOR Q1625 HIGHWAY LOAD. PROVIDE ENGINEER STAMPED DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
5. PULL PIT TO BE PRE-FABRICATED OFF SITE.

0	ISSUED FOR TENDER	01/08/19
C	RE-ISSUED FOR 99% REVIEW	01/03/19
B	ISSUED FOR 99% REVIEW	11/20/18
A	ISSUED FOR 66% REVIEW	10/25/18

revisions	date
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HARBOUR DEVELOPMENT PROSSER ROCK, NL

drawing design

ELECTRICAL DETAILS

designed S.P.M. conçu

date SEPTEMBER, 2018

drawn S.P.M. dessiné

date SEPTEMBER, 2018

approved R.F. approuvé

date SEPTEMBER, 2018

Tender Soumission

PWGSC Project Manager Administrateur de projets TPSGC

project number no. du projet

R.100138.001

drawing no. no. du dessin

E2