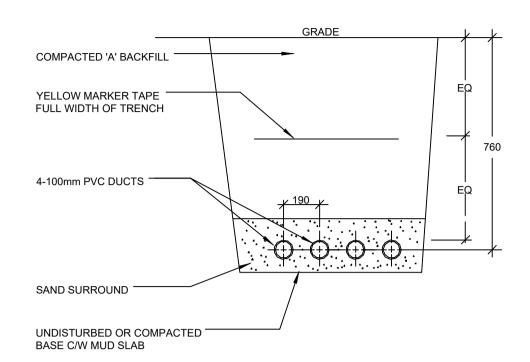


SLOPING OF TRENCH WALLS BACKFILL SHALL CONFORM TO REQUIREMENTS SPECIFIED IN THE MATERIAL OCCUPATIONAL HEALTH & SAFETY SEE NOTE2 YELLOW MARKER TAPE FULL WIDTH OF TRENCH GRANULAR 'A'. 100mm PVC DUCT BACKFILL MIN. 20MPA PEA STONE CONCRETE HYDRO ONE APPROVED DUCT SPACERS. A MINIMUM GAP OF 25mm [1"] BETWEEN CONCRETE BASE SPACER (50mm MIN.) \\ UNDITURBED SOIL OR ////COMPACTED GRANULAR 'A' BASE 10m REINFORCING RODS POSITIONED AS SHOWN (SEE NOTE 1)

DETAIL NOTES:

- 1. REINFORCING RODS FULL LENGTH OF CONCRETE ENCASED DUCTS. OVERLAP JOINTS BY 150mm ON BASE SPACERS AND TIE BOTH ENDS. DRILL AND DOWEL RODS 85mm INTO WALL(S) OF CONCRETE STRUCTURE
- 2. ALL BACKFILL MATERIAL MUST BE APPROVED BY HYDRO ONE INSPECTOR. FOR ACCEPTABLE BACKFILL
- 3. STEEL PLATES ARE TO BE USED IF THE COVER OVER THE DUCT BANK IS LESS THAN 450mm. THE PLATES ARE TO BE 6.5mm [1/4"] IN THICKNESS AND THE WIDTH OF THE DUCT BANK BEING COVERED. ANY DEVIATION FROM THE STANDARD COVER PF 760mm MUST BE APPROVED BY THE HYDRO ONE INSPECTOR.

PRIMARY TRANSFORMER DUCT BANK SECTION SCALE: N.T.S.



DETAIL NOTES:

- 1. TRENCH AND DUCTS TO BE INSPECTED PRIOR TO SAND FILL BEING PLACED.
- 2. MAKE PROVISIONS FOR WORKING IN SANDY TERRAIN.
- 3. DUCT JOINTS TO BE GLUED USING AN APPROVED PVC SOLVENT, WHEN APPLICABLE.
- 4. ALL DUCTS MUST BE CLEANED AND RODDED, AND A NYLON ROPE TO BE LEFT IN EACH

127mm SQUARE STEEL POLE AS SPECIFIED

HANDHOLE FOR ACCESS TO WIRING AND

STEEL BASE COVER. FINISH TO MATCH

RIGID PVC. CONDUIT/S, CONCRETE

CONCRETE BASE BY GENERAL TRADES.

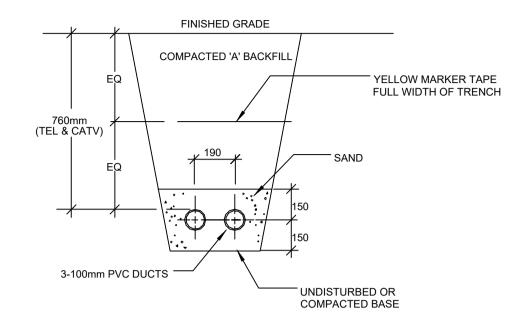
ENCASED

FUSE CUTOUT AT BASE OF POLE

CONTINUOUS CAULKING

5. FROM OESC DIAGRAM D10, DETAIL-4.

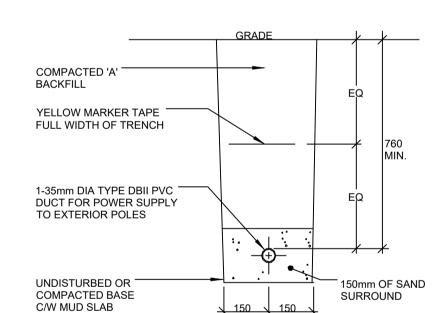
SECONDARY DUCT SECTION DETAIL SCALE: N.T.S.



DETAIL NOTES:

- 1. TRENCH AND DUCTS TO BE INSPECTED PRIOR TO SAND FILL BEING PLACED.
- 2. MAKE PROVISIONS FOR WORKING IN SANDY TERRAIN.
- 3. DUCT JOINTS TO BE GLUED USING AN APPROVED PVC SOLVENT, WHEN APPLICABLE.
- 4. ALL DUCTS MUST BE CLEANED AND RODDED, AND A NYLON ROPE TO BE LEFT IN EACH

COMMUNICATIONS DUCT SECTION DETAIL



- 1. TRENCH AND DUCTS TO BE INSPECTED PRIOR TO SAND FILL BEING PLACED.
- 2. MAKE PROVISIONS FOR WORKING IN SANDY TERRAIN.
- 3. DUCT JOINTS TO BE GLUED USING AN APPROVED PVC SOLVENT, WHEN APPLICABLE.
- 4. ALL DUCTS MUST BE CLEANED AND RODDED, AND A NYLON ROPE TO BE LEFT IN EACH

SERVICE TO LIGHT STANDARD DUCT SECTION SCALE: N.T.S.

DETAIL NOTES:

2024-01-17 ISSUED FOR SITE PLAN CONTROL 2023-11-24 ISSUED FOR PHASE 3 SITE PLAN APPLICATION 2023-09-28 ISSUED FOR BUILDING PERMIT 2023-09-21 ISSUED FOR SITE PLAN CONTROL 2023-07-19 ISSUED FOR SITE PLAN CONTROL DESCRIPTION PROJECT NO: JUNE 2023 CA0003850.9668 ORIGINAL SCALE: IF THIS BAR IS NOT AS SHOWN 25mm LONG, ADJUST YOUR PLOTTING SCALE DESIGNED BY: DRAWN BY: M.O. CHECKED BY: DISCIPLINE: **ELECTRICAL** SITE DETAILS E102 3 OF 3

CONTINUOUS CAULKING / GROUT UNDER BASEPLATE

CONCRETE BASE EDGE TO BE CHAMFERED 12mm AT 45°

COVER ON ANCHOR BOLTS

GALVANIZED OR ZINC RICH PAINTED

ANCHOR BOLTS C/W LEVELLING NUTS

CONC. BASE DIAMETER FOR PROPER-FIT OF BASE COVER ON BASE PRIOR TO POUR. PROVIDE 50mm MIN. CONC.

BOTH SIDES OF BASE PLATE. CONFIRM

5-20m VERT.

10m HOR. TIES,

250mm O.C

EXTERIOR LIGHT STANDARD BASE DETAIL

600mm DIA.

GERALDINE WILDMAN ACTING MANAGER, DEVELOPMENT REVIEW, EAST PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

SHEET: A1-ISO 841x594mm - PLOTTED ON: January 16, 2024 3:35:29 PM - BY: ONYEAJU, MICHAEL

ISSUED FOR SITE PLAN CONTROL

DATE OF: 2024-01-17

REV#

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S. SARONOV

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Conseil des

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