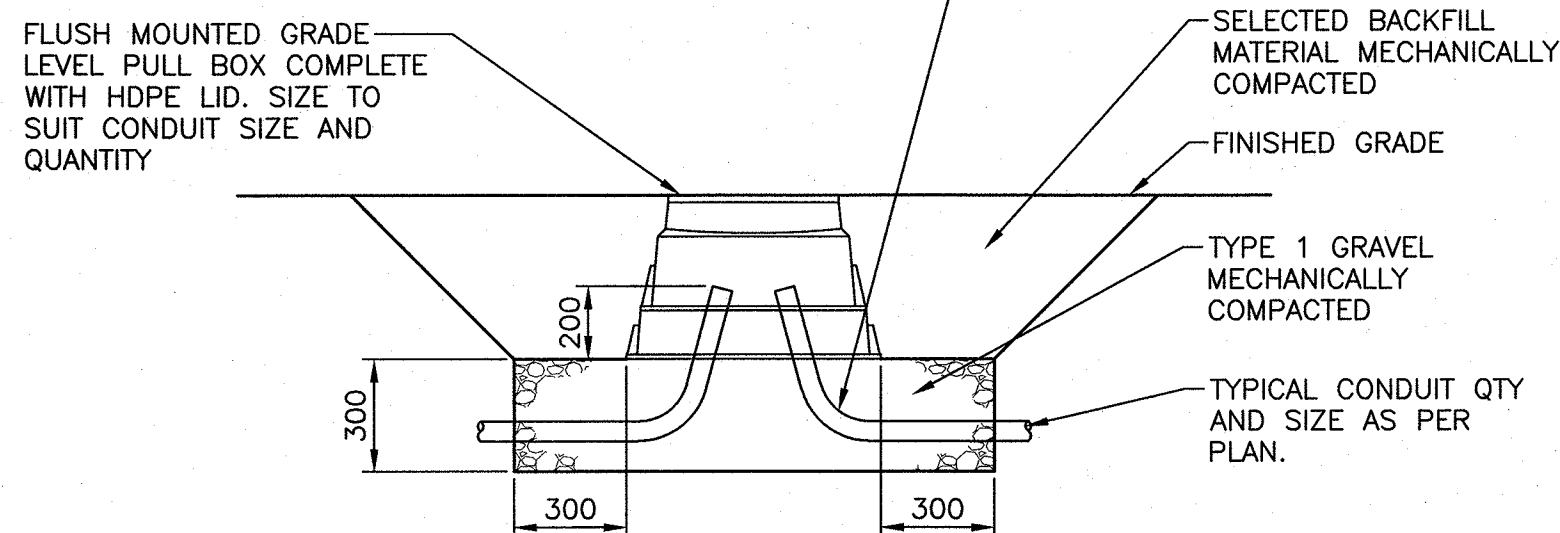


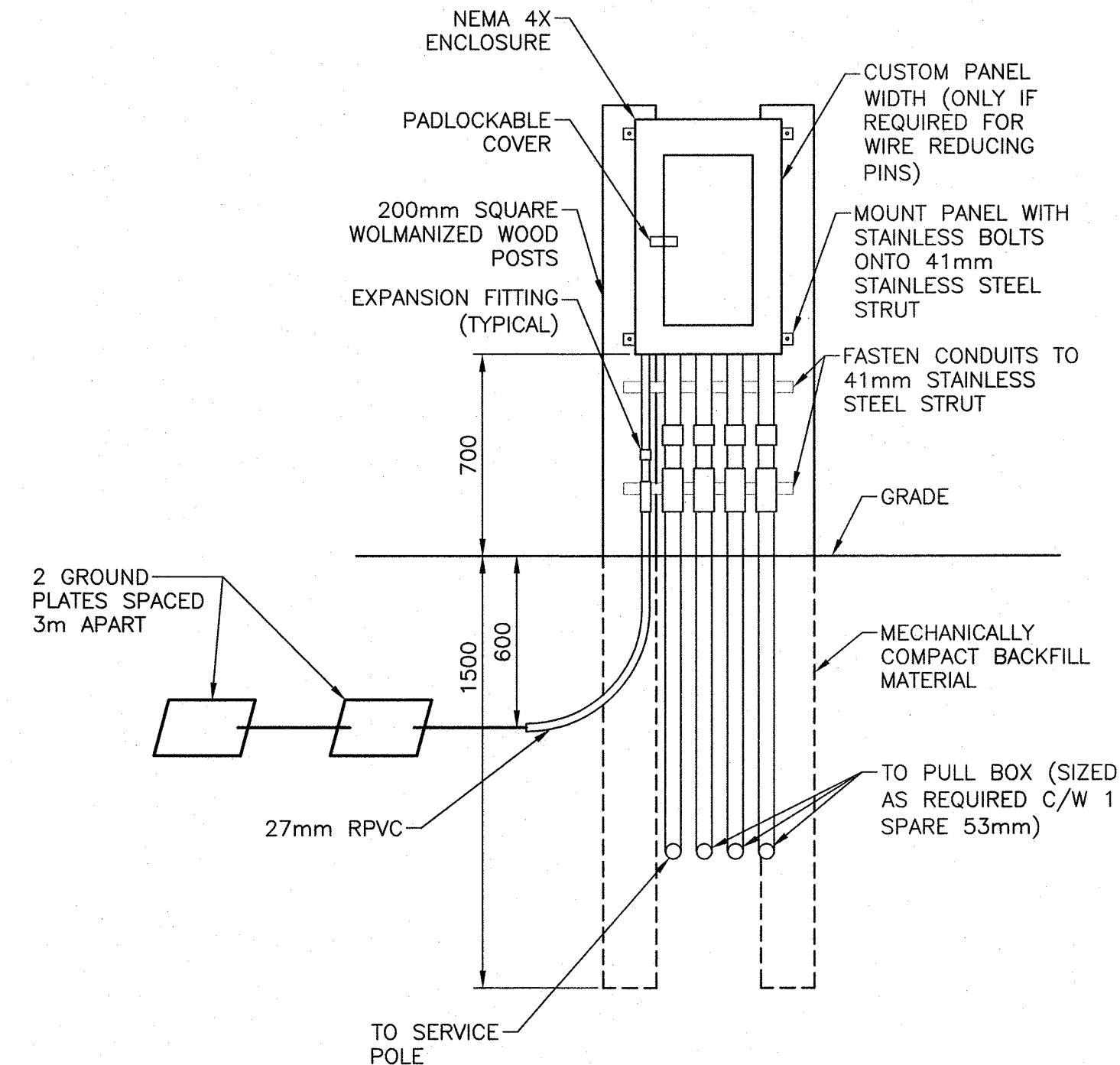
**TYPICAL CAMPSITE SERVICE POST**

SCALE : N.T.S.



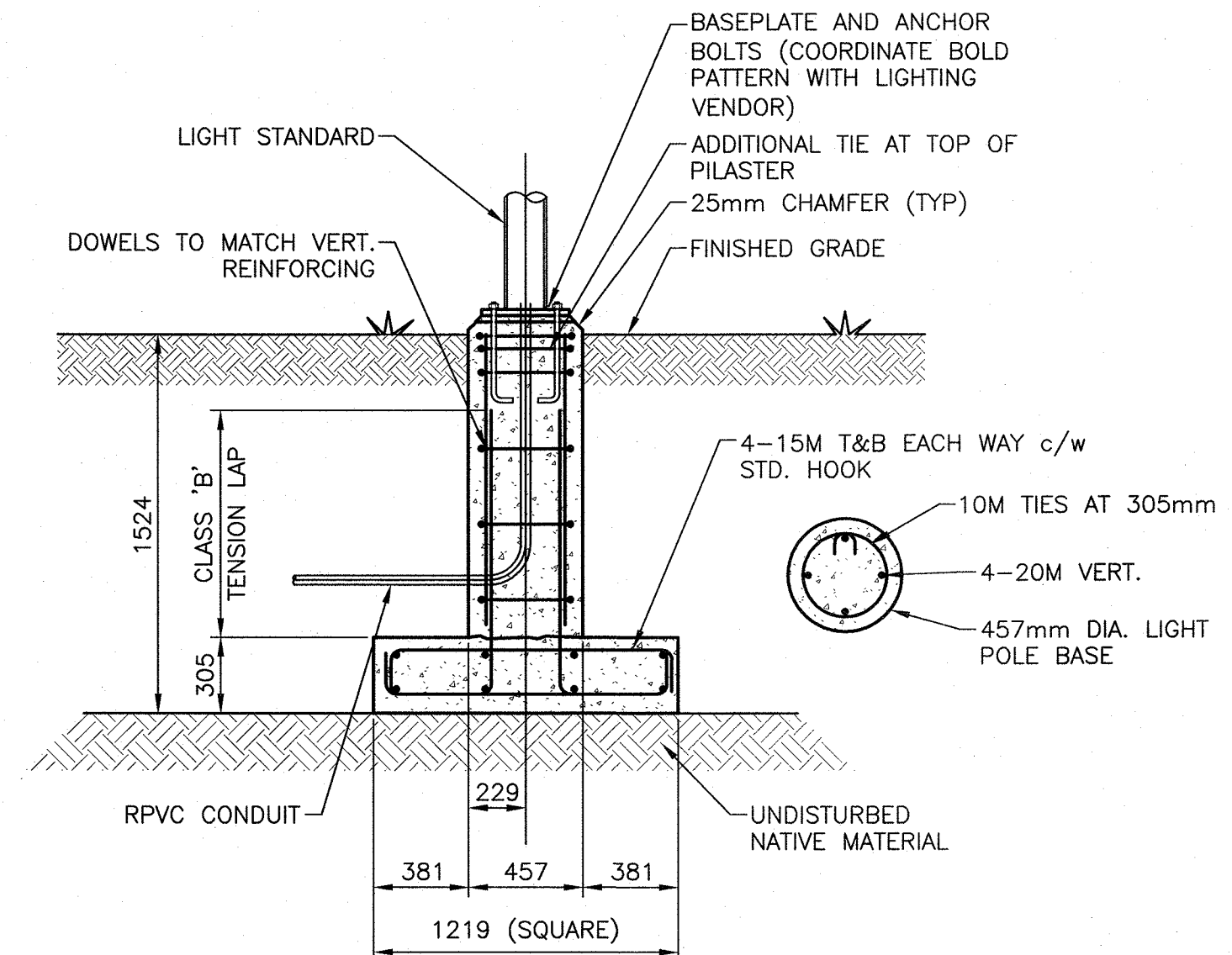
**TYPICAL GRADE LEVEL PULL BOX**

SCALE : N.T.S.



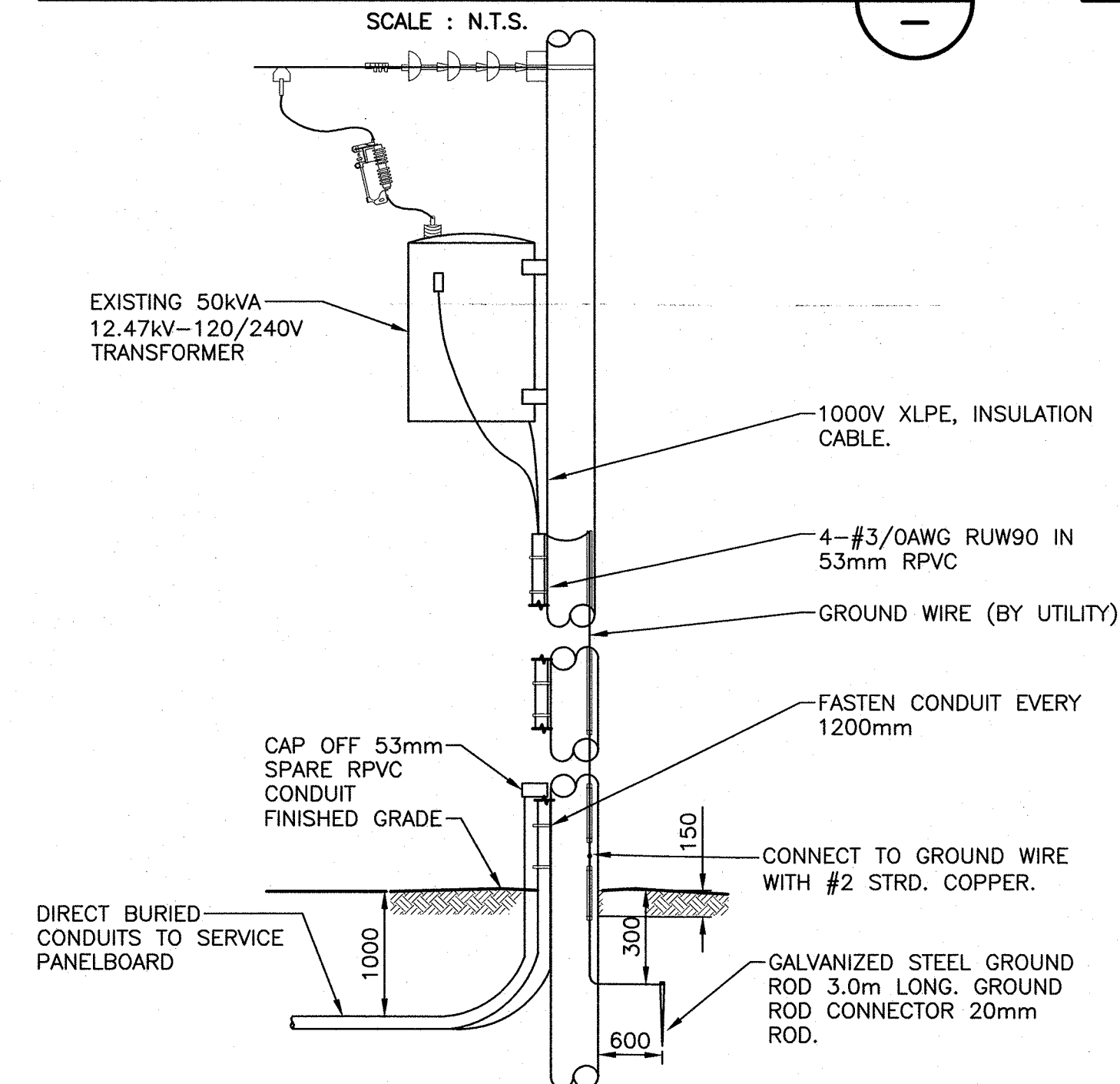
**TYPICAL PANELBOARD INSTALLATION**

SCALE : N.T.S.



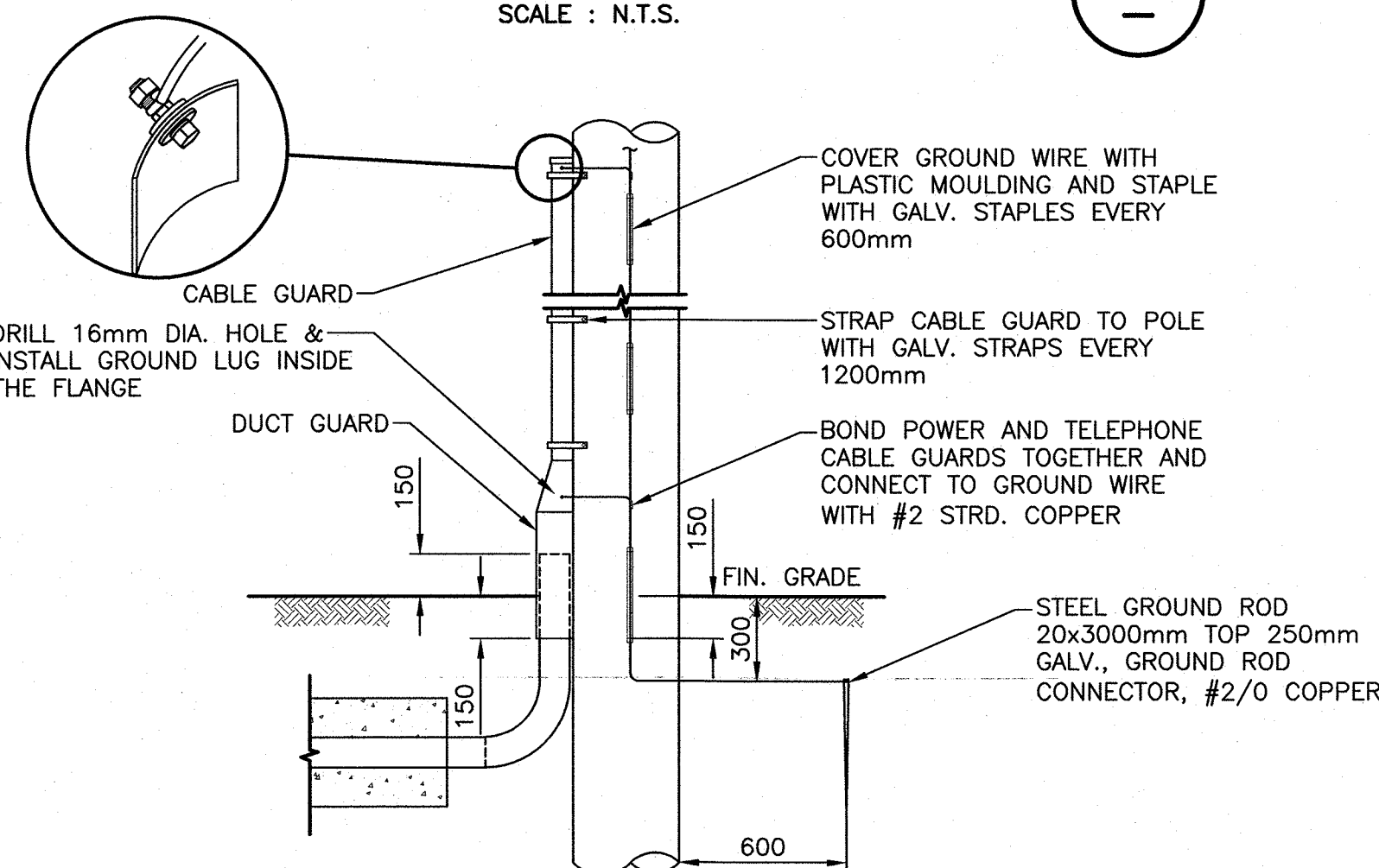
**LIGHT POLE FOUNDATION**

SCALE : N.T.S.



**TYPICAL SECONDARY TERMINAL POLE**

SCALE : N.T.S.



**PRIMARY TERMINAL POLE**

SCALE : N.T.S.

**GENERAL NOTES:**

- ALL WORK & MATERIALS TO CONFORM TO THE REQUIREMENTS OF THE NATIONAL BUILDING CODE OF CANADA, 2010.
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH & SAFETY ACT OF NEW BRUNSWICK.
- NO ALTERATIONS TO STRUCTURAL DETAILS TO BE MADE WITHOUT THE WRITTEN PERMISSION OF THE STRUCTURAL ENGINEER. ALL OPENINGS IN SLABS OR WALLS ARE TO BE PRE-FORMED & ALL HOLES SLEEVED. CONSTRUCTION ERRORS ARE TO BE DOCUMENTED & REPORTED TO THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH SUBSEQUENT WORK.
- PERIODIC & DISCRETIONARY SITE OBSERVATIONS ARE MADE AT THE JOB SITE BY THE STRUCTURAL ENGINEER & ARE NECESSARILY LIMITED IN SCOPE TO OBSERVATION OF WORK IN PROGRESS AT THE TIME OF THE SITE OBSERVATION. THESE SITE OBSERVATIONS DO NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PROVIDE CONTINUOUS ON-SITE SUPERVISION OF ALL STRUCTURAL WORK TO ENSURE THAT BOTH THE INTENT & DETAILS OF THE DRAWINGS & SPECIFICATIONS ARE BEING FOLLOWED.
- THE CONTRACTOR TO COORDINATE DETAILS SHOWN ON THE STRUCTURAL DRAWINGS WITH ALL OTHER DISCIPLINES DRAWINGS & SPECIFICATIONS.
- THE FOLLOWING SHOP DRAWINGS TO BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW:
  - CONCRETE REINFORCING STEEL.
  - CONCRETE MIX DESIGNS.
- ALL STANDARDS & SPECIFICATIONS NOTED TO REFLECT "LATEST EDITION".

**FOUNDATIONS:**

- FOUNDATIONS ARE DESIGNED TO BEAR ON UNDISTURBED NATIVE MATERIAL OR FULLY COMPACTED ENGINEERED FILL WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 2500 psf (120 kPa). THESE BEARING PRESSURES ARE ASSUMED & TO BE VERIFIED BY A GEOTECHNICAL ENGINEER PRIOR TO POURING ANY CONCRETE.
- ALL ENGINEERED (STRUCTURAL) FILL & BACKFILLING IS TO BE PLACED UNDER THE CONTINUOUS SUPERVISION OF THE GEOTECHNICAL ENGINEER.
- THE GEOTECHNICAL ENGINEER TO INSPECT ALL PROPOSED BEARING SURFACES & CONFIRM THAT THE ALLOWABLE BEARING CAPACITY STATED IN THE GEOTECHNICAL REPORT, CAN BE ACHIEVED PRIOR TO PLACEMENT OF ANY CONCRETE IN FOOTINGS, & THAT BEARING SURFACE IS FREE FROM FROST & WATER. IF THE GEOTECHNICAL ENGINEER DEEMS BEARING SURFACE CAN NOT PROVIDE THE ALLOWABLE BEARING CAPACITY, THE CONTRACTOR IS TO LOWER FOOTINGS AS DIRECTED BY GEOTECHNICAL ENGINEER TO A LEVEL THAT CAN PROVIDE THE ALLOWABLE BEARING CAPACITY.

**REINFORCED CONCRETE:**

- ALL CONCRETE, CONCRETE MATERIALS, FORMS, WORKING PROCEDURES & THE LIKE TO CONFORM TO CSA A23.1, LATEST EDITION, UNLESS NOTED OTHERWISE.
- MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS & CLASS OF EXPOSURE TO BE 25 MPa / f<sub>c</sub> = 2.
- CONCRETE PROTECTIVE COVER TO REINFORCING STEEL TO BE AS FOLLOWS UNLESS NOTED OTHERWISE ON DRAWINGS:
  - CAST AGAINST GROUND - NO FORMWORK.....3" (76mm)
  - EXPOSED TO EARTH OR WEATHER .....2 3/8" (60mm)
- ALL REINFORCING BARS MUST BE ACCURATELY SUPPORTED ON PLASTIC COATED STEEL HIGH CHAIRS TO MAINTAIN EXACT CONCRETE COVER.
- ALL REINFORCING STEEL TO HAVE A MINIMUM YIELD POINT STRENGTH OF 400 MPa & TO CONFORM TO CSA G30.18-M, LATEST EDITION.
- UNLESS NOTED OTHERWISE, REINFORCING STEEL TO BE PROVIDED WITH A CLASS 'B' TENSION LAP TO CSA A23.3, LATEST EDITION AT ALL SPLICE LOCATIONS.

**NOTES:**

- TELECOM DUCT TO EXTEND 300mm BELOW OVERHEAD TELECOM CABLES.
- OVERLAP CABLE GUARD 50mm.
- CONDUIT SHALL BE EFFECTIVELY SEALED AT BOTH ENDS TO PREVENT THE ENTRANCE OF WATER AND GAS.
- CABLE GUARD TO BE GROUNDED AT TOP AND BOTTOM.
- INSTALL FUSED CUTOUPS AT TOP OF POLE AND PRIMARY WIRE SIZED TO SUIT PADMOUNT TRANSFORMER. COORDINATE SHUTDOWNS WITH OWNER.
- INSTALL PULL CORD IN SPARE POWER AND TELECOM CONDUITS AND CAP CONDUITS AFTER INSTALLATION.

0	ISSUED FOR TENDER	APR 25 2017
revisions		date

project

**HEADQUARTERS & WOLFE LAKE CAMPGROUNDS**  
**FUNDY NATIONAL PARK**  
**ALMA, NB**  
ALBERT COUNTY, NB

drawing

**ELECTRICAL DETAILS 1**

designed M. MELANSON conçu

date FEB 24/2017

drawn M. MELANSON dessiné

date FEB 24/2017

approved

date

Tender

PWGSC Project Manager Administrateur de projets TPSGC

project number no. du projet

**R.086534.001**

drawing no. no. du dessin

**E2**

