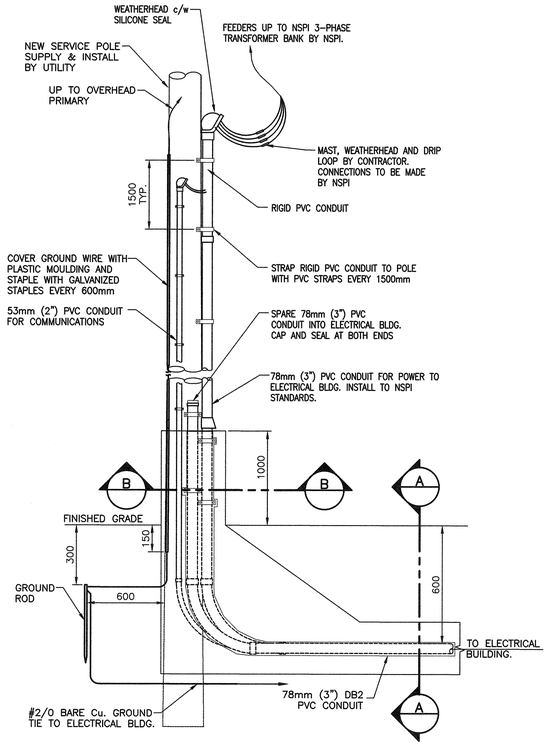
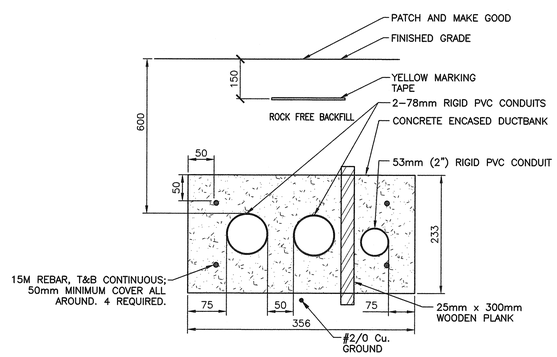


DETAIL – NEW SERVICE POLE (1 / E2)

SCALE : N.T.S.

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. CONDUIT SHALL BE SECURED TO THE POLE WITH CONDUIT STRAPS.
3. ALL CONDUITS MUST BE SWABBED AND DEBRIS REMOVE.
4. SPARE CONDUIT TO BE CAPPED AT BOTH ENDS.
5. ALL CONDUITS MUST HAVE A NYLON PULL CORD INSTALLED PRIOR TO CAPPING. NYLON PULL CORD – POLYETHYLENE BRAIDED TWINE, 4mm DIAMETER.
6. SERVICE POLE TO MEET WITH NSPI STANDARDS.
7. GROUNDING TO NSPI STANDARDS.

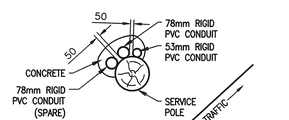


DUCTBANK SECTION A (A / E2)

SCALE : N.T.S.

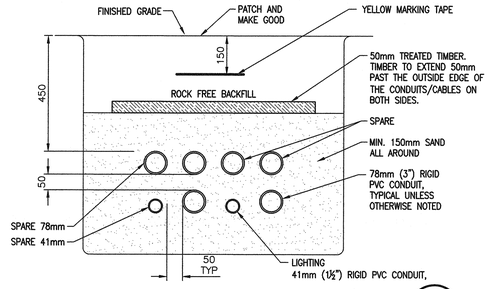
NOTES:

1. 2–78mm RIGID PVC CONDUITS:
   1 – CONTAINING 4#1 AWG RW75 Cu.
   1 – SPARE.
2. ALL DIMENSIONS ARE IN MILLIMETERS.



SECTION – 'B'–'B' (B / E2)

SCALE : N.T.S.

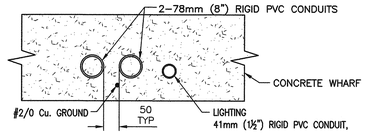


SECTION – DIRECT BURIED RIGID PVC CONDUIT SLEEVES (C / E1)

SCALE : N.T.S.

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS.

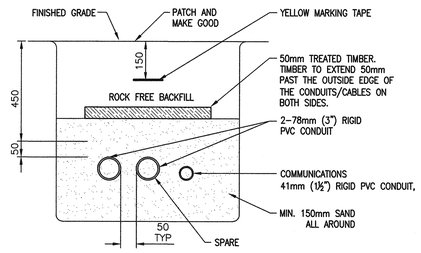


SECTION – CONCRETE WHARF RIGID PVC CONDUIT SLEEVES (D / E1)

SCALE : N.T.S.

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS.

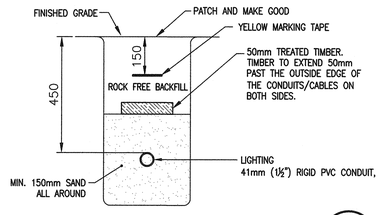


SECTION – DIRECT BURIED RIGID PVC CONDUIT SLEEVES (E / E1)

SCALE : N.T.S.

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. CONDUIT SLEEVE TO RUN CONTINUOUS FROM PULL PIT TO COPE WALL.

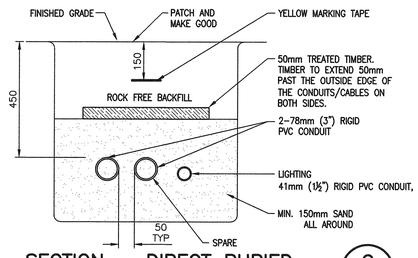


SECTION – DIRECT BURIED RIGID PVC CONDUIT SLEEVE (F / E1)

SCALE : N.T.S.

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS.

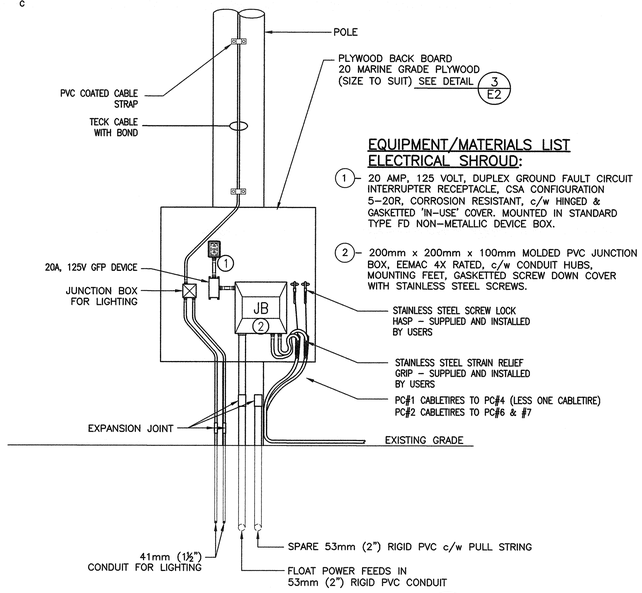


SECTION – DIRECT BURIED RIGID PVC CONDUIT SLEEVES (G / E1)

SCALE : N.T.S.

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS.



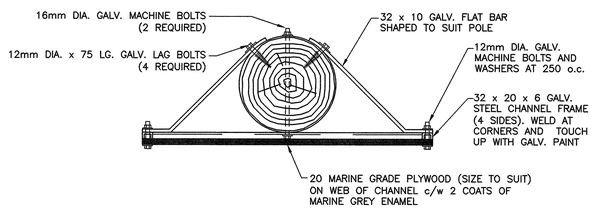
EQUIPMENT/MATERIALS LIST ELECTRICAL SHROUD:

1. 20 AMP, 125 VOLT, DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE, CSA CONFIGURATION 5–20R, CORROSION RESISTANT, c/w HINGED & GASKETTED 'IN–USE' COVER. MOUNTED IN STANDARD TYPE FD NON–METALLIC DEVICE BOX.
2. 200mm x 200mm x 100mm MOLDED PVC JUNCTION BOX, EEMAC 4X RATED, c/w CONDUIT HUBS, MOUNTING FEET, GASKETTED SCREW DOWN COVER WITH STAINLESS STEEL SCREWS.

DETAIL – BACKBOARD POLES PC#1 & #2 (2 / E2)

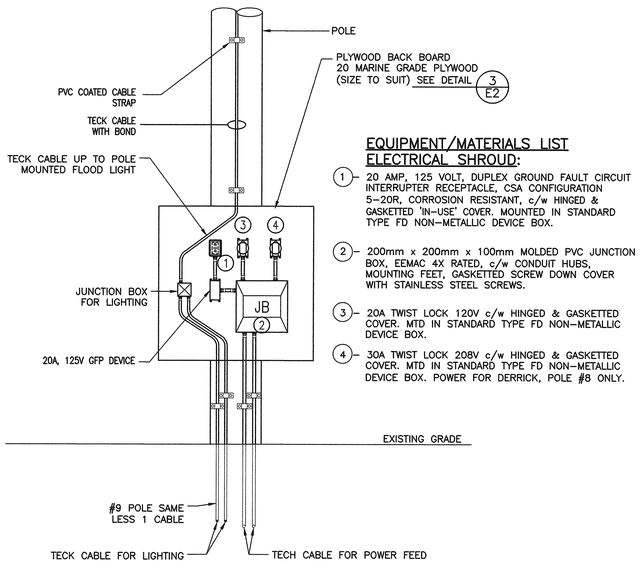
SCALE: 1:25

0mm 500mm 1000mm 1500mm 2000mm 2500mm



PLYWOOD BACKBOARD DETAIL (3 / E2)

SCALE : N.T.S.



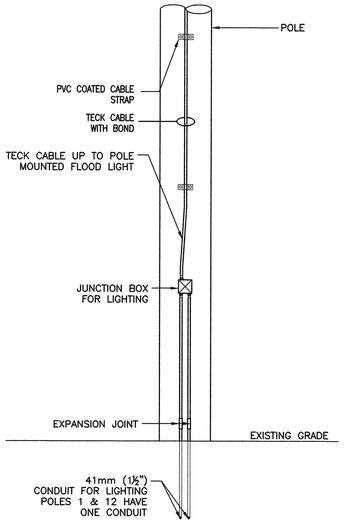
EQUIPMENT/MATERIALS LIST ELECTRICAL SHROUD:

1. 20 AMP, 125 VOLT, DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE, CSA CONFIGURATION 5–20R, CORROSION RESISTANT, c/w HINGED & GASKETTED 'IN–USE' COVER. MOUNTED IN STANDARD TYPE FD NON–METALLIC DEVICE BOX.
2. 200mm x 200mm x 100mm MOLDED PVC JUNCTION BOX, EEMAC 4X RATED, c/w CONDUIT HUBS, MOUNTING FEET, GASKETTED SCREW DOWN COVER WITH STAINLESS STEEL SCREWS.
3. 20A TWIST LOCK 120V c/w HINGED & GASKETTED COVER. MTD IN STANDARD TYPE FD NON–METALLIC DEVICE BOX.
4. 30A TWIST LOCK 208V c/w HINGED & GASKETTED COVER. MTD IN STANDARD TYPE FD NON–METALLIC DEVICE BOX. POWER FOR DERRICK, POLE #8 ONLY.

DETAIL – BACKBOARD POLES #8 & 9 (6 / E2)

SCALE: 1:25

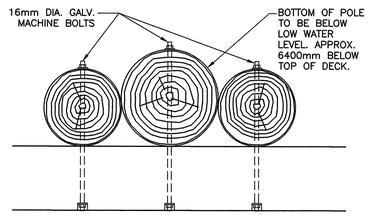
0mm 500mm 1000mm 1500mm 2000mm 2500mm



DETAIL BACKBOARD POLES #1. 2. 3. 10. 11. 12. 13 (5 / E2)

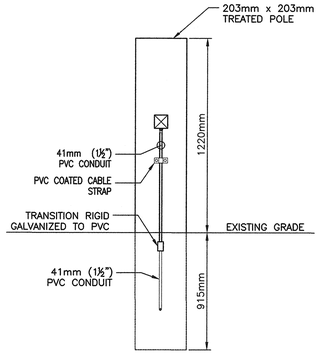
SCALE: 1:25

0mm 500mm 1000mm 1500mm 2000mm 2500mm



POLE MOUNT DETAIL (4 / E2)

SCALE : N.T.S.



DETAIL FUEL PUMP POWER STATION (7 / E2)

SCALE: 1:25

0mm 500mm 1000mm 1500mm 2000mm 2500mm

Public Works and Government Services Canada / Travaux Publics et Services gouvernementaux Canada

revisions		date
0	ISSUED FOR TENDER	JUN.05 2017

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drawing / dessin: ELECTRICAL DETAILS

designed / conçu: M.N.
date: JUN 05, 2017
drawn / dessiné: D.C.
date: JUN 05, 2017
approved / approuvé: Nathan Weeks 06/06/17
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet: R.082082.001
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