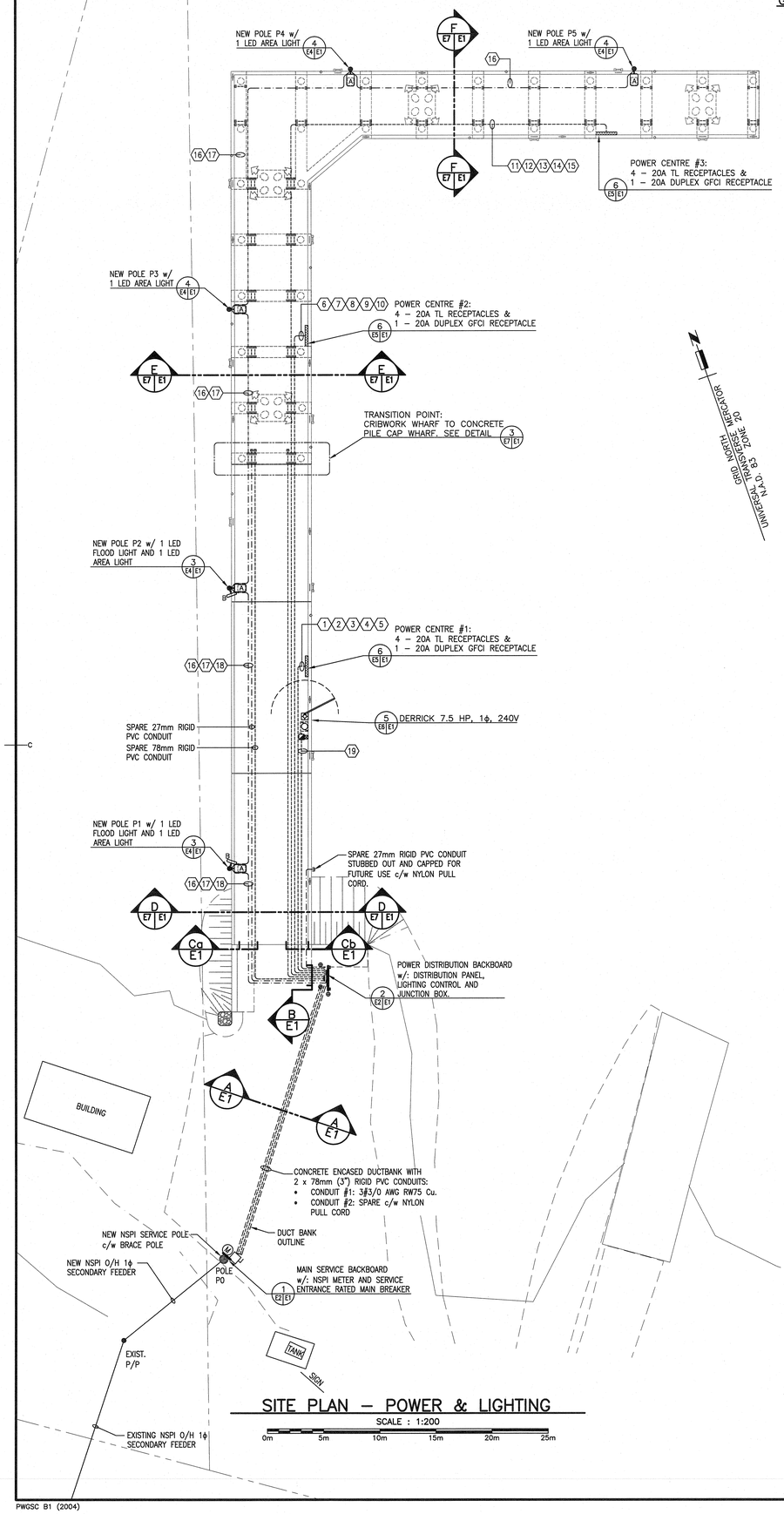


SITE PLAN – POWER & LIGHTING

SCALE : 1:200

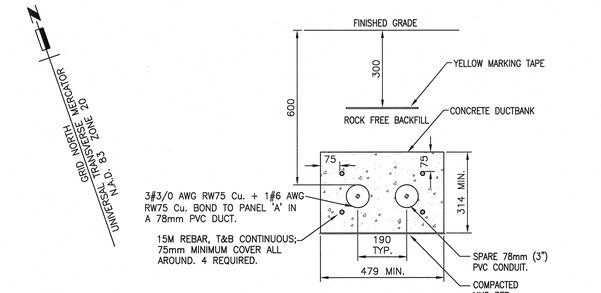
0m 5m 10m 15m 20m 25m

GENERAL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE CANADIAN ELECTRICAL CODE AND/OR LOCAL INSPECTION AUTHORITIES. THE ELECTRICAL CONTRACTOR SHALL OBTAIN ALL PERMITS AND INSPECTIONS REQUIRED BY LAWS, ORDINANCES, RULES AND REGULATIONS OF PUBLIC AUTHORITIES HAVING JURISDICTION OF THIS DISTRICT AND SHALL OBTAIN CERTIFICATES ON SUCH INSPECTIONS AND SUBMIT SAME AND PAY ALL CHARGES IN CONNECTION THEREWITH.
2. ELECTRICAL CONTRACTOR TO COORDINATE ALL WORK WITH THE NEW HARBOUR HARBOUR AUTHORITY PRIOR TO STARTING WORK.
3. CONTRACTOR SHALL VISIT SITE PRIOR TO TENDER TO ASSESS EXISTING CONDITIONS, OBSTRUCTIONS, MATERIALS, ETC.
4. ON COMPLETION, ALL EQUIPMENT SHALL BE THOROUGHLY CLEANED. ALL WORK CHECKED OVER AND LEFT IN WORKING ORDER.
5. ALL RUBBISH, UNUSED MATERIALS ETC., SHALL BE REMOVED AND THE PREMISES LEFT CLEAN.
6. MAKE GOOD ALL AREAS AFFECTED BY CONSTRUCTION.
7. CONTRACTOR SHALL SUPPLY AND INSTALL ALL LIGHT FIXTURES, JUNCTION BOXES, WIRING DEVICES, ETC. FOR A COMPLETE AND FINISHED JOB AS DETAILED.
8. EQUIPMENT AND MATERIAL TO BE CSA CERTIFIED.

LEGEND:

- TYPE 'A' AREA LIGHTING FIXTURE. 120V, 168 WATT LED AREA LIGHTING FIXTURE MOUNTED ON A NEW CLASS 3 (10.7M) TREATED TIMBER POLE. SEE SPECIFICATION FOR DESCRIPTION OF POLE AND FIXTURE.
- TYPE 'B' FLOOD LIGHTING FIXTURE. 120V, 177 WATT LED AREA LIGHTING FIXTURE MOUNTED ON A NEW CLASS 3 (10.7M) TREATED TIMBER POLE. SEE SPECIFICATION FOR DESCRIPTION OF POLE AND FIXTURE. TYPE 'B' FIXTURES TO ILLUMINATE THE OFF–LOADING (DERRICK) LOCATION.
- SIZE 1, 250V 2 POLE COMBINATION STARTER, BREAKER TYPE c/w PUSH BUTTON (ON–OFF) AND 4 N.O/N.C. CONTACTS IN AN EEMAC 4X ENCLOSURE. LOCKABLE.
- MAIN SERVICE PANEL. PANEL MOUNTED ON PLYWOOD BACKBOARD IN AN EEMAC 4X FIBREGLASS LOCKABLE ENCLOSURE.
- 200 AMP, 2P, 3W, SN SERVICE ENTRANCE RATED MAIN DISCONNECT SWITCH
- (M) METER BASE BY CONTRACTOR, METER BY NSPI
- (7.5) DERRICK MOTOR, IN ENCLOSURE, BY OTHERS. ELECTRICAL CONTRACTOR TO VERIFY MOTOR SIZE PRIOR TO ROUGH–IN OF SERVICE.
- POWER SHROUD: GALVANIZED STEEL CONSTRUCTION c/w RECEPTACLES AS FOLLOWS: 4 – 20A SINGLE TWIST LOCK RECEPTACLES PROTECTED BY GFCI MODULE 1 – 20A DUPLEX GFCI RECEPTACLE
- BOLLARD – GROUT FILLED METAL PIPES FOR PANEL A PROTECTION. SEE DETAIL 2 DRAWING E2.
- (f) FEEDER IDENTIFICATION – REFER TO FEEDER SCHEDULE ON DRAWING E3

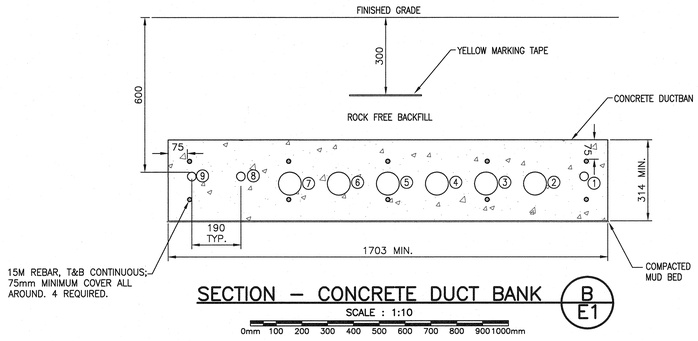


SECTION – CONCRETE DUCT BANK (A E1)

SCALE : 1:10

0mm 100 200 300 400 500 600 700 800 900 1000mm

NOTE:
ALL DIMENSIONS ARE IN MILLIMETERS



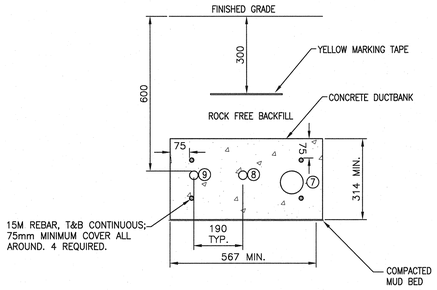
SECTION – CONCRETE DUCT BANK (B E1)

SCALE : 1:10

0mm 100 200 300 400 500 600 700 800 900 1000mm

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS AND REPRESENT MINIMUM VALUES..
2. REFERENCE CONDUIT SCHEDULE THIS DRAWING.



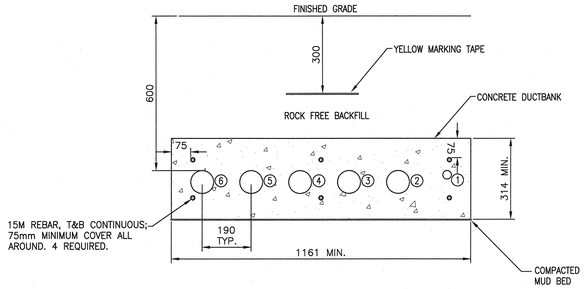
SECTION – CONCRETE DUCT BANK (Ca E1)

SCALE : 1:10

0mm 100 200 300 400 500 600 700 800 900 1000mm

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS AND REPRESENT MINIMUM VALUES.
2. REFERENCE CONDUIT SCHEDULE THIS DRAWING.



SECTION – CONCRETE DUCT BANK (Cb E1)

SCALE : 1:10

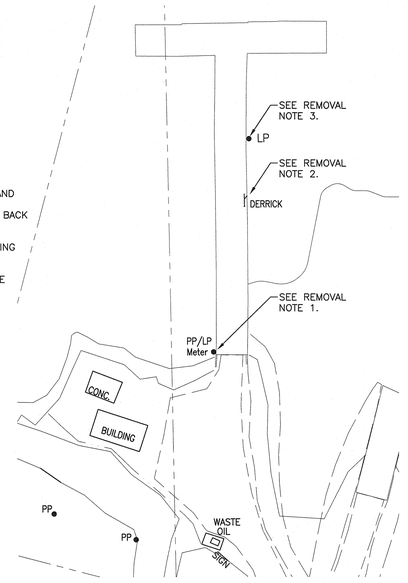
0mm 100 200 300 400 500 600 700 800 900 1000mm

NOTE:

1. ALL DIMENSIONS ARE IN MILLIMETERS AND REPRESENT MINIMUM VALUES.
2. REFERENCE CONDUIT SCHEDULE THIS DRAWING.

REMOVAL NOTES

1. DISCONNECT AND REMOVE EXISTING DISCONNECT SWITCH, METER, METER BASE AND ASSOCIATED WIRING TO FACILITATE REMOVAL OF EXISTING POLE. COORDINATE WITH NSPI TO DISCONNECT POWER AND REMOVE SECONDARY FEED BACK TO NEAREST EXISTING POLE.
2. DISCONNECT AND REMOVE ASSOCIATED WIRING TO FACILITATE REMOVAL OF EXISTING DERRICK.
3. DISCONNECT AND REMOVE EXISTING LIGHT AND ASSOCIATED WIRING TO FACILITATE REMOVAL OF EXISTING POLE.



EXISTING SITE – ELECTRICAL REMOVALS (1 E1)

SCALE : 1:500

0m 10m 20m 30m 40m 50m

CONDUIT SCHEDULE:

1. 27mm SPARE RIGID PVC CONDUIT FOR FUTURE LIGHTING
2. 78mm RIGID PVC CONDUIT TO DERRICK
3. 78mm RIGID PVC CONDUIT TO POWER SHROUD #1
4. 78mm RIGID PVC CONDUIT TO POWER SHROUD #2
5. 78mm RIGID PVC CONDUIT TO POWER SHROUD #3
6. 78mm SPARE RIGID PVC CONDUIT FOR FUTURE POWER
7. 78mm SPARE RIGID PVC CONDUIT FOR FUTURE POWER
8. 27mm SPARE RIGID PVC CONDUIT FOR FUTURE LIGHTING
9. 27mm RIGID PVC CONDUIT TO POLE P1 FOR LIGHTING

NOTE:

1. CONDUITS 6 7 & 8 ARE TO BE STUBBED OUT AT 1st REINFORCED CONCRETE PILE CAP.

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

revisions		date
0	ISSUED FOR TENDER	MAY 2017

project / projet
WHARF CONSTRUCTION NEW HARBOUR

GUYSBOROUGH COUNTY NOVA SCOTIA

drawing / dessin
SITE LAYOUT, DETAILS AND REMOVALS

designed / conçu: G. BOWSER — date: MAY 2017
drawn / dessiné: K. WOLFE — date: MAY 2017
approved / approuvé — date: May/10/2017
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC

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