



PROVINCE OF NEWFOUNDLAND
 PERMIT HOLDER
 This Permit Allows
 APN ENGINEERING INC.
 To practice Professional Engineering,
 in Newfoundland and Labrador,
 Permit No. as issued by APEGC, 10222,
 which is valid for the year 2016.



B	ISSUED FOR TENDER	09/26/16
A	ISSUED FOR REVIEW	08/21/16
revisions		date
project		project

CAPE SPEAR LIGHTSTATION/RISK MANAGEMENT

drawing design
SITE PLAN

designed N.H. conou
 date SEPTEMBER 26, 2016
 drawn P.H. dessiné
 date SEPTEMBER 26, 2016
 approved approuvé
 date
 Tender *Neil Hurty* Soumissionnaire *Neil Hurty*
 PWSCC Project Manager Administrateur de projets TPSCC
 project number no. du projet
R.082643.015
 drawing no. no. du dessin
C1

SCOPE OF WORK

ALUMNI BUILDING:

- REMOVE EXISTING PAINT, REPAIR CONCRETE FOUNDATION WALL AND REPAINT (NOTE THAT LEAD AND MERCURY IN THE EXISTING PAINT EXCEEDS LANDFILL DISPOSAL GUIDELINES AND IN THIS REGARD, THE PAINT IS TO BE CONTAINED AND DISPOSED OF AS HAZARDOUS WASTE). FOR BIDDING, ASSUME 10m² OF DEEP REPAIRS AND 10m² OF SHALLOW REPAIRS (SEE SHEET C2).
- REMOVE AND REPLACE THE EXISTING SIDING WITH NEW CAPE COD SIDING. THE EXISTING SIDING (PAINT AND SUBSTRATE), IS TO BE DISPOSED OF AS HAZARDOUS LEAD WASTE. ALLOW IN BID PRICE FOR THE REPLACEMENT OF 10% OF THE EXTERIOR SHEATHING ON THIS BUILDING, DUE TO ROT (DEPARTMENTAL REPRESENTATIVE WILL MAKE FINAL DECISION ON AREAS OF ROTTED SHEATHING TO BE REPLACED NEW).
- SCRAPE THE EXISTING TWO (2) WINDOWS DOWN TO THE ORIGINAL SUBSTRATE AND RE-PAINT. DISPOSE OF PAINT CHIPS/FLAKES AS HAZARDOUS WASTE. AT THE CONTRACTOR'S DISCRETION, THE WINDOWS MAY BE REPLACED NEW (TO EXACTLY MATCH THE EXISTING), AT NO ADDITIONAL CONTRACT COST.
- EXCAVATE 3m³ OF NON-LEACHABLE METALS IMPACTED SOIL AND REPLACE WITH CLEAN FILL MATERIAL, AS SPECIFIED.
- REMOVE AND DISPOSE OF THE TWO (2) EXISTING DECKS (FRONT AND BACK OF BUILDING). REPLACE THE DECKS AS NOTED IN THE DRAWINGS.

ALUMNI BUILDING SHED:

- REMOVE EXISTING PAINT, REPAIR THE CONCRETE FOUNDATION AND REPAINT. CONTAIN ALL PAINT CHIPS/FLAKES AND DISPOSE OF AS HAZARDOUS WASTE. FOR BIDDING ASSUME 1m² OF SHALLOW REPAIRS, SEE SHEET 4.
- REMOVE AND DISPOSE OF THE FORMER TANK CRADLE, AS NOTED ON THE DRAWINGS.
- REMOVE SIDING FROM 1 WALL AND REPLACE ROTTED SHEATHING (RE-INSTATE SIDING OR SUPPLY NEW AS REQUIRED). INTENT IS TO REPLACE 1 SPECIFIC AREA WHERE WATER IS GETTING INTO THE SHED (COORDINATE EXACT REQUIREMENTS ON SITE WITH THE DEPARTMENTAL REPRESENTATIVE).

EQUIPMENT BUILDING:

- REMOVE EXISTING PAINT, REPAIR THE CONCRETE FOUNDATION AND REPAINT. CONTAIN ALL PAINT CHIPS/FLAKES AND DISPOSE OF AS HAZARDOUS WASTE. IF REQUIRED FOR THE REMEDIATION, THE CONCRETE STEPS CAN BE REMOVED, HOWEVER THEY ARE TO BE REINSTATED AFTER THE REMEDIATION (DAMAGE TO THE STEPS WILL RESULT IN THE CONTRACTOR HAVING TO SUPPLY AND INSTALL NEW STEPS AT NO ADDITIONAL CONTRACT COST). FOR BIDDING, ASSUME 10m² OF DEEP REPAIRS AND 10m² OF SHALLOW REPAIRS (SEE SHEET C6).
- TEMPORARILY REMOVE THE EXISTING BURIED CABLE NOTED ON THE DRAWINGS, AND RE-INSTATE FOLLOWING REMEDIATION. BUSTING OF THE EXISTING CONCRETE COVER WILL BE REQUIRED TO TEMPORARILY REMOVE THE CABLE. REINSTATE CABLE WITH MINIMUM 600MM BURY, COMPLETE WITH 150mm CONCRETE, ALL AROUND CABLE. DO NOT PROCEED WITH ANY WORK ASSOCIATED WITH THE ELECTRICAL SYSTEMS WITHOUT APPROVAL OF THE DEPARTMENTAL REPRESENTATIVE AND NL POWER.
- EXCAVATE 5m³ OF LEACHABLE METALS IMPACTED SOIL AND 11m³ NON-LEACHABLE METALS IMPACTED SOIL AND REPLACE WITH CLEAN FILL MATERIAL (AS SPECIFIED). NOTE THAT THE PRESENCE OF BEDROCK MAY LIMIT THE DEPTH OF EXCAVATION AND IN THIS REGARD, THE QUANTITIES MAY BE LESS THAN NOTED (CONSULT WITH THE DEPARTMENTAL REPRESENTATIVE BEFORE BACKFILLING, TO ENSURE QUANTITIES ARE WELL UNDERSTOOD. THESE QUANTITIES ARE LIKELY LESS DUE TO THE AMOUNT OF BEDROCK PRESENT IN THE AREA. ALL AREAS CURRENTLY COVERED IN GRASS, AND TO BE TOPPED WITH TOPSOIL OR GRAVEL FILL AS SPECIFIED, AND AS DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE. IN AREAS WHERE GRASS COVER IS CURRENTLY NOT PRESENT, SUPPLY/INSTALL COMPACTED CLASS "A" GRANULARS AS THE TOP SURFACE.
- REMOVE ALL PAINT FROM THE FOG HORN PAD AND REPAINT. CONTAIN AND DISPOSE OF PAINT FLAKES/CHIPS AND ANY SPENT ABRASIVES AS HAZARDOUS LEAD WASTE.

STORAGE SHED:

- REMOVE AND DISPOSE OF THE COMPLETE BUILDING, INCLUDING ANY CONCRETE FOUNDATIONS AND STEPS.

