GENERAL NOTES

1. ELEVATIONS AND SITE FEATURES ARE DERIVED FROM SURVEY PROVIDED BY PWGSC.
2. ALL DISTANCES AND ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED. ALL DETAIL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
3. CONFIRM ALL INVERTS AND CRITICAL ELEVATIONS IN FIELD PRIOR TO CONSTRUCTION.
4. PROTECT ALL SURVEY CONTROL MONUMENTS AND PROPERTY MARKERS FROM DAMAGE DURING CONSTRUCTION. IF ANY MONUMENT OR MARKER IS DISTURBED, IT MUST BE RESET AND RESURVEYED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE AND THE LAND INFORMATION MANAGEMENT SERVICE (LIMS).
5. OBTAIN ANY NECESSARY PERMITS REQUIRED TO PERFORM WORK, AND COMPLY WITH THE PERMIT REQUIREMENTS AND CONDITIONS. COORDINATE ALL WORK WITH DEPARTMENTAL REPRESENTATIVE, PWGSC, COAST GUARD, BELL ALIANT AND NEWFOUNDLAND POWER.
6. ASSIST DEPARTMENTAL REPRESENTATIVE IN OBTAINING DATA NECESSARY FOR RECORD DRAWINGS. CONTRACTOR SHALL RECORD NECESSARY INFORMATION PRIOR TO BURIAL OF SITE SERVICES.

LAYDOWN AREAS AND TRAFFIC CONTROL

7. LAYDOWN AREA(S) FOR STORAGE OF CONSTRUCTION MATERIALS ON SITE SHALL BE IDENTIFIED AND DELINEATED PRIOR TO CONSTRUCTION. A LAYDOWN AREA WITHIN THE SITE HAS BEEN APPROVED BY PWGSC, ANY ADDITIONAL AREAS REQUIRED SHALL BE APPROVED BY THE DEPARTMENTAL REPRESENTATIVE PRIOR TO USE. ALL LAYDOWN AREA(S) SHALL HAVE APPROPRIATE ENVIRONMENTAL PROTECTION AND SAFETY MEASURES IN PLACE PRIOR TO USE.
8. PROVIDE ANY AND ALL TRAFFIC CONTROL SERVICES REQUIRED DURING THE PROJECT, FOR TRAFFIC ON THE SOUTHSIDE ROAD AND WITHIN THE COAST GUARD SITE.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURITY ON THE SITE, AND SHALL ENSURE THE SAFETY OF PWGSC AND CANADIAN COAST GUARD STAFF AND THE TRAVELLING PUBLIC DURING CONSTRUCTION. THE SITE SHALL BE MARKED OFF LIMITS TO THE GENERAL PUBLIC DURING THE WORK TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE.
10. MAINTAIN TRAVELLED WAY AND ACCESS AT ALL TIMES SUFFICIENT FOR ONE LANE, TWO WAY TRAFFIC (AS A MINIMUM) AT THE SITE FOR VEHICLES.

EXCAVATION, GRADING AND BACKFILLING

11. REMOVE ALL UNSUITABLE MATERIALS SUCH AS ORGANIC ROOT MAT, TOPSOIL, AND CONTAMINATED SOIL. WITHIN THE LIMITS OF GRADING. DISPOSAL OF UNSUITABLE MATERIAL TO APPROPRIATE FACILITIES.
12. TRENCH AND EXCAVATION SLOPES SHOWN ARE TYPICAL ONLY. TRENCHES SHALL BE CONSTRUCTED ACCORDING TO SOILS CONDITIONS ENCOUNTERED ON SITE AND IN ACCORDANCE WITH REGULATORY AGENCIES AND ALL APPLICABLE LEGISLATION. ALTERNATIVELY, TRENCHES/EXCAVATIONS MAY BE SUPPORTED BY APPROVED STRUCTURAL SHORING. THE CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT PREPARED BY STANTEC, DATED MAY 10, 2013, FOR SOILS INFORMATION AT THE SITE. REFER TO SPECIFICATION.
13. NOTE THAT COMMUNICATION, POWER, WATER AND POSSIBLY OTHER UNIDENTIFIED UNDERGROUND SERVICES EXIST AT THIS LOCATION. EXCAVATE WITH EXTREME CAUTION. EXERCISE CAUTION WHEN EXCAVATING NEAR KNOWN EXISTING SERVICES TO PREVENT DAMAGE. REPAIR ANY DAMAGE TO EXISTING SERVICES TO THE SATISFACTION OF THE DEPARTMENTAL REPRESENTATIVE, AT NO ADDITIONAL EXPENSE TO THE OWNER.
14. SURPLUS EXCAVATION MATERIAL MAY BE USED IN THE SAME TRENCH THAT IT CAME FROM, OTHERWISE SURPLUS MATERIAL IS TO BE REMOVED AND DISPOSED AT AN APPROVED SITE IN ACCORDANCE WITH ALL APPLICABLE ENVIRONMENTAL REGULATIONS, STANDARDS AND GUIDELINES.
15. BACKFILLING OPERATIONS SHALL NOT PROCEED UNTIL THE DEPARTMENTAL REPRESENTATIVE HAS APPROVED INSTALLATIONS. GIVE DEPARTMENTAL REPRESENTATIVE MINIMUM OF 48HR NOTICE OF BACKFILLING OF INSTALLATIONS. SHOULD AN INSTALLATION BE BACKFILLED PRIOR TO APPROVAL BY THE DEPARTMENTAL REPRESENTATIVE, CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH RE-EXCAVATION OF THE INSTALLATION AND REPAIR OF DEFICIENCIES WHETHER OR NOT ANY DEFICIENCIES ARE FOUND.

ROADWAY RESTORATION

16. UNLESS NOTED OTHERWISE ALL GRAVEL TO BE COMPACTED TO 100% STD. PROCTOR DENSITY IN 150mm MAX. LIFTS.
17. ALL ASPHALT TO BE COMPACTED TO 92.5% MARSHALL MIX DENSITY.
18. ALL ASPHALT TO BE EXCAVATED SHALL HAVE A SAW CUT EDGE.
19. GUARDRAIL TO BE IN ACCORDANCE WITH:
    (i) NL DOTW STANDARD DRAWING 1250 GUARDRAIL AND POST DETAILS PROVIDE STRONG POST SYSTEM AT ALL LOCATIONS (POSTS AT 1905mm INTERVALS)
    (ii) NL DOTW STANDARD DRAWING 1250 STEEL BEAM GUARDRAIL BURIED END TREATMENT.
20. NO PAVEMENT MARKINGS ARE REQUIRED SINCE THE CONTRACT WILL ALLOW FOR THE BOTTOM LIFT OF ASPHALT ONLY. THE TOP LIFT OF ASPHALT WILL BECOME PART OF THE FUTURE BUILDING CONTRACT.
21. ONCE CONSTRUCTION IS COMPLETE, ALL AREAS TO HAVE POSITIVE DRAINAGE, WITHOUT PONDING, TOWARD DRAINAGE STRUCTURES, AT GRADES NOTED.
22. STABILIZE DISTURBED AREAS WITH ROCK FILL UNLESS OTHERWISE SPECIFIED.

EROSION AND SEDIMENT CONTROL NOTES

1. ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF CANADIAN COAST GUARD AND PUBLIC WORKS AND GOVERNMENT SERVICES CANADA. SUBMIT AN EROSION & SEDIMENT CONTROL PLAN TO THE DEPARTMENTAL REPRESENTATIVE FOR APPROVAL PRIOR TO START OF CONSTRUCTION. EROSION AND SEDIMENT CONTROL WORKS SHALL BE IN PLACE PRIOR TO START OF WORK.
2. OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM WORKS AND TO COMPLY WITH ALL PERMIT REQUIREMENTS AND CONDITIONS.
3. PROTECT NATURAL WATERCOURSES FROM DAMAGE DUE TO SILTATION RUNOFF FROM THE CONSTRUCTION SITE AND DEWATERING PROCEDURES.
4. DO NOT PUMP OR DRAIN WATER CONTAINING SUSPENDED MATERIALS INTO HARBOUR.
5. PRIOR TO CARRYING OUT WORK, CHECK LONG RANGE WEATHER FORECAST TO ENSURE THAT THERE IS ADEQUATE TIME BEFORE FORECAST OF HEAVY RAIN STORMS TO STABILIZE THE WORK.
6. PROTECT ALL REMAINING VEGETATION FROM DAMAGE.
7. ALL STOCKPILES OF MATERIAL MAINTAINED ON SITE SHALL BE SUITABLY COVERED AND SURROUNDED BY SEDIMENT CONTROL MEASURES.
8. ALL AREAS EXPOSED DURING CONSTRUCTION OR CONTROL STRUCTURES SUCH AS TRENCHES, SWALES, DITCHES, ETC., SHALL BE STABILIZED IMMEDIATELY.
9. MAINTAIN A STOCKPILE OF APPROPRIATE EROSION AND ENVIRONMENTAL PROTECTION MATERIALS (E.G. STRAW BALES, ROCK FILL AND TYPE 1 GRAVEL) ON SITE AT ALL TIMES.
10. INSPECT SEDIMENT AND EROSION CONTROL MEASURES ON A REGULAR BASIS, DAILY, AND MAINTAIN AS NECESSARY.

LEGEND

- EX. EDGE OF ASPHALT
- PROP. EDGE OF ASPHALT
- PWR — PWR — EX. OVERHEAD WIRE
- PWR — — PWR — — PROP. OVERHEAD WIRE
- EX. GUARD RAIL
- PROP. GUARD RAIL
- FENCE
- W — EX. WATER LINE
- W — PROP. WATER LINE
- SAN — EX. SANITARY LINE
- SAN — PROP. SANITARY LINE
- SW — EX. STORM LINE
- SW — PROP. STORM LINE
- SEWER MANHOLE
- CATCH BASIN
- HYDRANT
- WATER VALVE
- BOLLARD
- 20.00 — EX. CONTOUR
- 27.00 FINISHED GRADE ELEVATION
- EX. ROAD CENTRE LINE
- PROP. ROAD CENTRE LINE
- LIMIT OF WORK LINE

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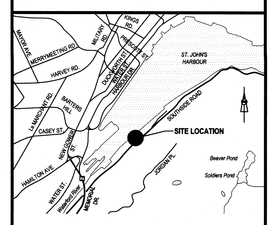

KEYPLAN: N.T.S.

SNC·LAVALIN

PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
CLASS "A"
This Permit Allows
SNC-LAVALIN Inc.
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEGNL NO458 which is valid for the year 2015.

REGISTERED PROFESSIONAL ENGINEER
NORMAND D. J. LANDRY
SIGNATURE
31 March 2014
DATE
NEWFOUNDLAND & LABRADOR

C02	ISSUED FOR TENDER	24 Feb 2015
revisions		date

project / projet

CANADIAN COAST GUARD SOUTHSIDE BASE SITE DEVELOPMENT AND SERVICES ST. JOHN'S, NL

drawing / dessin

GENERAL NOTES AND LEGEND

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