

STRAIT OF CAUSO

SITE PLAN

SCALE: 1:7500

GENERAL NOTES:

1. REFER TO PROJECT SPECIFICATION DOCUMENT FOR OTHER APPLICABLE CODES, STANDARDS, MATERIALS AND EXECUTION REQUIREMENTS.
2. ALL DIMENSIONS ARE INDICATED IN MILLIMETRES. ALL ELEVATIONS ARE INDICATED IN METRES.
3. DO NOT SCALE DRAWINGS. USE GIVEN DIMENSIONS ONLY.
4. DETAILS, DIMENSIONS, AND ELEVATIONS OF THE EXISTING STRUCTURE ARE BASED ON INFORMATION OBTAINED FROM THE ORIGINAL DESIGN DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS OF THE EXISTING STRUCTURE PRIOR TO FABRICATION OR ERECTION OF WORK AND REPORT ALL DISCREPANCIES TO DEPARTMENTAL REPRESENTATIVE.
5. NO ALTERATIONS TO STRUCTURAL DETAILS SHALL BE MADE WITH OUT THE WRITTEN PERMISSION OF THE DEPARTMENTAL REPRESENTATIVE.
6. EXISTING STRUCTURES AND MATERIALS ARE TO BE REMOVED AND RECONSTRUCTED AT ALL TIMES DURING WORK. ALL TEMPORARY BRACING AND SCAFFOLDING TO BE SUBMITTED BY CONTRACTOR FOR REVIEW BY DEPARTMENTAL REPRESENTATIVE.

CONCRETE NOTES:

1. CONCRETE NOTES TO BE READ IN CONJUNCTION WITH THE SPECIFICATIONS.
2. ALL EXPOSED CORNERS OF CONCRETE TO HAVE 25mm CHIMMERS.
3. ALL REINFORCING TO BE INSPECTED BY THE DEPARTMENTAL REPRESENTATIVE PRIOR TO CASTING OF CONCRETE.
4. CONCRETE MATERIALS AND METHODS OF CONSTRUCTION TO CSA-A23.1, AND METHODS OF TEST FOR CONCRETE TO CSA-A23.2.
5. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS TO BE:
REINFORCED CONCRETE = 35 MPa
PILE WALL = 35 MPa
6. CONCRETE COVER TO BE 75mm, UNLESS NOTED OTHERWISE.
7. REMOVE BY MECHANICAL MEANS ANY AND ALL CONCRETE INDICATED TO SOUND DEFECTIVE. ALL DEFECTIVE CONCRETE TO BE REPAIRED WITH REINFORCED CONCRETE. REINFORCEMENT UNCOVERED DURING DEMOLITION, TAKE CARE NOT TO DAMAGE EXISTING REINFORCING STEEL.
8. REMOVE ALL LOOSE, DELAMINATED AND WEAK CONCRETE, OIL, GRASSES, REPRESENTATIVE. PREPARE EXISTING CONCRETE SURFACES FOR BONDING WITH REINFORCING. ALL EXPOSED CONCRETE SURFACES TO BE CLEAN, SOUND AND ROUGHENED. SURFACES TO BE $\pm 1/2$ - 5mm AMPLITUDE. COARSE AGGREGATE SHALL BE EXPOSED SURFACES (TO $\pm 1/2$ - 5mm AMPLITUDE).

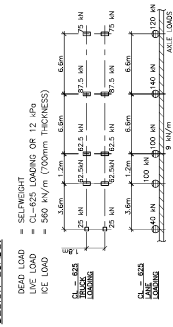
PILE NOTES:

1. PILE MATERIAL:
 - a. STEEL PIPE PILES ASTM A232 GRADE 3 (NOD). $F_y = 345$ MPa (MINIMUM).
 - b. WELDS TO BE IN ACCORDANCE TO CSA W59 (LATEST EDITION).
2. MAXIMUM FACTORED AXIAL LOAD ON PIPE PILES = 1200kN.
3. PILES TO BE ADVANCED BY DRILLING.
4. FULL-TIME INSPECTION BY A QUALIFIED GEOTECHNICAL ENGINEER SHALL BE UNDERTAKEN DURING PILE INSTALLATION.

LEGEND:

Ø 300mm - DENOTES BOREHOLE - SEE BELOW FOR BOREHOLE LOGS.

DESIGN LOADS:



0 ISSUED FOR TENDER
PROJECT
NORTH WALL /
C-11 INTERFACE
RECONSTRUCTION
CANSO CANAL
PORT HASTINGS
NOVA SCOTIA

SITE PLAN, NOTES
AND BOREHOLE LOGS

DESIGNED BY	J. MACKENZIE
CHECKED BY	M. BOULDER
DATE	FEBRUARY 2021
REVISION	FEBRUARY 2021
BY	REVISION
PROJECT NUMBER	NOVA-2021-001
PROJECT NAME	RECONSTRUCTION OF CANAL
PROJECT LOCATION	PORT HASTINGS, NOVA SCOTIA
PROJECT NUMBER	R.116953.001
PROJECT NAME	S01