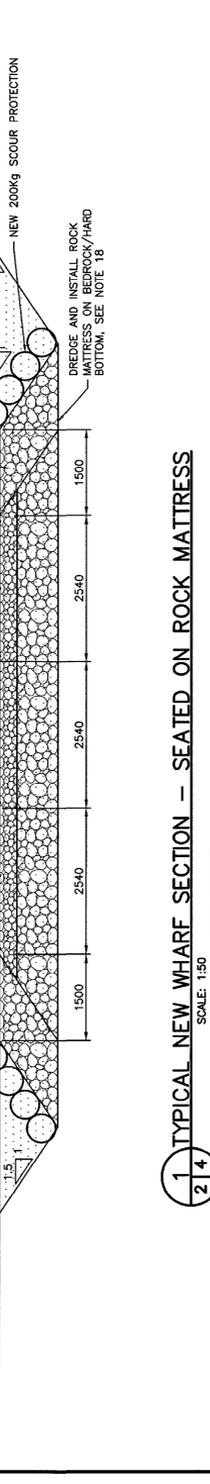
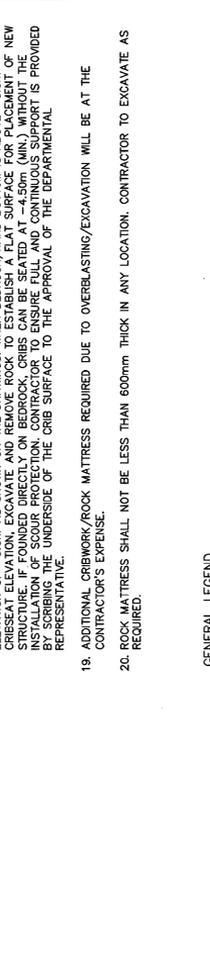
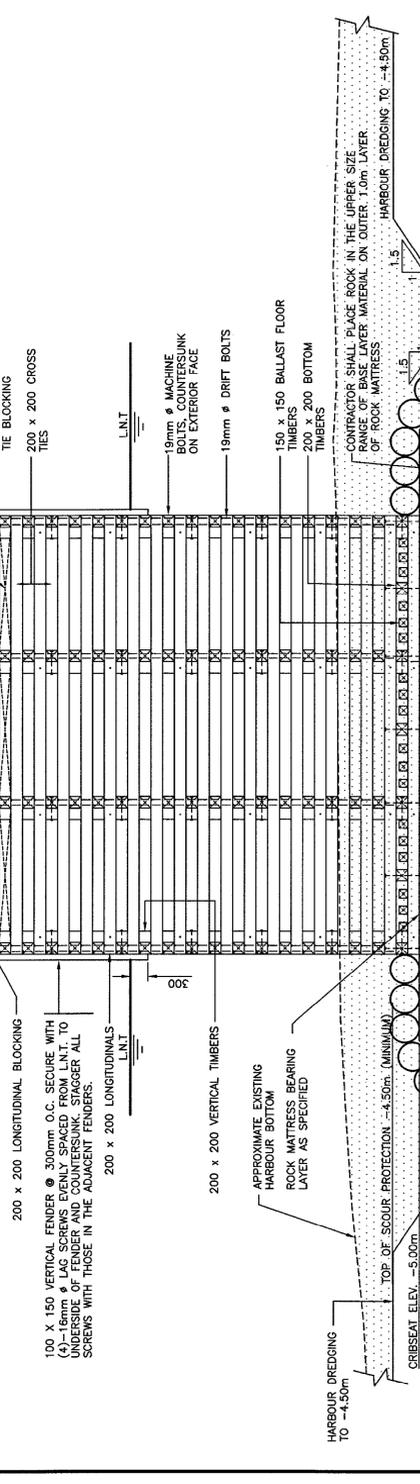
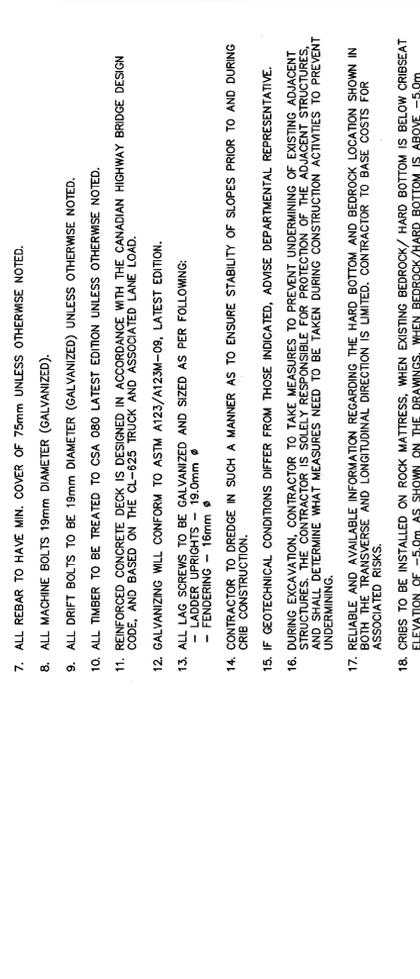
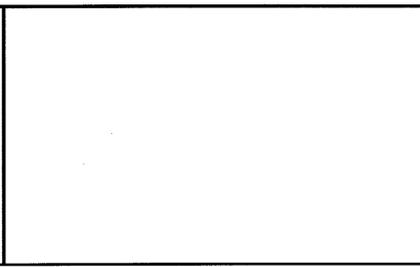


GENERAL NOTES:

- ALL DIMENSIONS IN MILLIMETERS.
- ALL ELEVATIONS IN METERS.
- DO NOT SCALE FROM DRAWINGS, USE DIMENSIONS SPECIFIED.
- MINIMUM CONCRETE STRENGTH 35 MPa @ 28 DAYS.
- REINFORCING STEEL YIELD STRENGTH 400 MPa.
- REINFORCING STEEL SPLICES SHALL CONFORM TO A23.3, LATEST EDITION, AND AS INDICATED BELOW:
 - STRUCTURAL DECK:
 - 15M = 500mm LAP
 - 15M = 500mm LAP
 - ALL OTHER AREAS:
 - 20M = 850mm LAP
 - 15M = 850mm LAP
- ALL REBAR TO HAVE MIN. COVER OF 75mm UNLESS OTHERWISE NOTED.
- ALL MACHINE BOLTS 19mm DIAMETER (GALVANIZED).
- ALL DRIFT BOLTS TO BE 19mm DIAMETER (GALVANIZED) UNLESS OTHERWISE NOTED.
- ALL TIMBER TO BE TREATED TO CSA D80 LATEST EDITION UNLESS OTHERWISE NOTED.
- REINFORCED CONCRETE DECK IS DESIGNED IN ACCORDANCE WITH THE CANADIAN HIGHWAY BRIDGE DESIGN CODE, AND BASED ON THE CL-925 TRUCK AND ASSOCIATED LAKE LOAD.
- GALVANIZING WILL CONFORM TO ASTM A123/A123M-09, LATEST EDITION.
 - LADDER UPRIGHTS - 19.0mm ϕ
 - FENDERING - 16mm ϕ
- CONTRACTOR TO DREDGE IN SUCH A MANNER AS TO ENSURE STABILITY OF SLOPES PRIOR TO AND DURING CRIB CONSTRUCTION.
- IF GEOTECHNICAL CONDITIONS DIFFER FROM THOSE INDICATED, ADVISE DEPARTMENTAL REPRESENTATIVE. DURING EXCAVATION, CONTRACTOR TO TAKE MEASURES TO PREVENT UNDERMINING OF EXISTING ADJACENT STRUCTURES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROTECTION OF THE ADJACENT STRUCTURES, AND SHALL DETERMINE WHAT MEASURES NEED TO BE TAKEN DURING CONSTRUCTION ACTIVITIES TO PREVENT UNDERMINING.
- RELIABLE AND AVAILABLE INFORMATION REGARDING THE HARD BOTTOM AND BEDROCK LOCATION SHOWN IN BOTH THE TRANSVERSE AND LONGITUDINAL DIRECTIONS IS LIMITED. CONTRACTOR TO BASE COSTS FOR ASSOCIATED RISKS.
- CRIBS TO BE INSTALLED ON ROCK MATTRESS. WHEN EXISTING BEDROCK/HARD BOTTOM IS BELOW CRIBSEAT ELEVATION OF -5.0m AS SHOWN ON THE DRAWINGS, WHEN BEDROCK/HARD BOTTOM IS ABOVE -5.0m CRIBSEAT ELEVATION, EXCAVATE AND REMOVE ROCK TO ESTABLISH A FLAT SURFACE FOR PLACEMENT OF NEW STRUCTURE. IF FOUNDED DIRECTLY ON BEDROCK, CRIBS CAN BE SEATED AT -4.50m (MIN.) WITHOUT THE NEED FOR A ROCK MATTRESS. CONTRACTOR TO ENSURE PROPER SEATING OF CRIBS BY VERIFYING THE POSITION BY SCRIBING THE UNDERSIDE OF THE CRIB SURFACE TO THE APPROVAL OF THE DEPARTMENTAL REPRESENTATIVE.
- ADDITIONAL CRIBWORK/ROCK MATTRESS REQUIRED DUE TO OVERBLASTING/EXCAVATION WILL BE AT THE CONTRACTOR'S EXPENSE.
- ROCK MATTRESS SHALL NOT BE LESS THAN 600mm THICK IN ANY LOCATION. CONTRACTOR TO EXCAVATE AS REQUIRED.



PROFESSIONAL ENGINEER
19/08/2018

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
This Permit Allows
Meridian Engineering Inc.
Member No. 06255
To practice Professional Engineering
in Newfoundland and Labrador, subject
to which is valid for the year 2018-2019.

revision	date	project
D	19/07/18	ISSUED FOR TENDER
C	19/07/18	ISSUED FOR 99% REVIEW
B	19/07/18	ISSUED FOR 66% REVIEW
A	19/07/18	ISSUED FOR 33% REVIEW

FINGER PIER
PHASE 2
CHARLOTTETOWN
LABRADOR

NEW WHARF SECTIONS

designed C.F. DECEMBER 2018
drawn R.E.S.
checked DECEMBER 2018
approved
Tender: *Sinclair*
PFO Project Manager: *Sinclair*
Submission: *Sinclair*
project number: 721683-011
drawing no. C4 OF 7