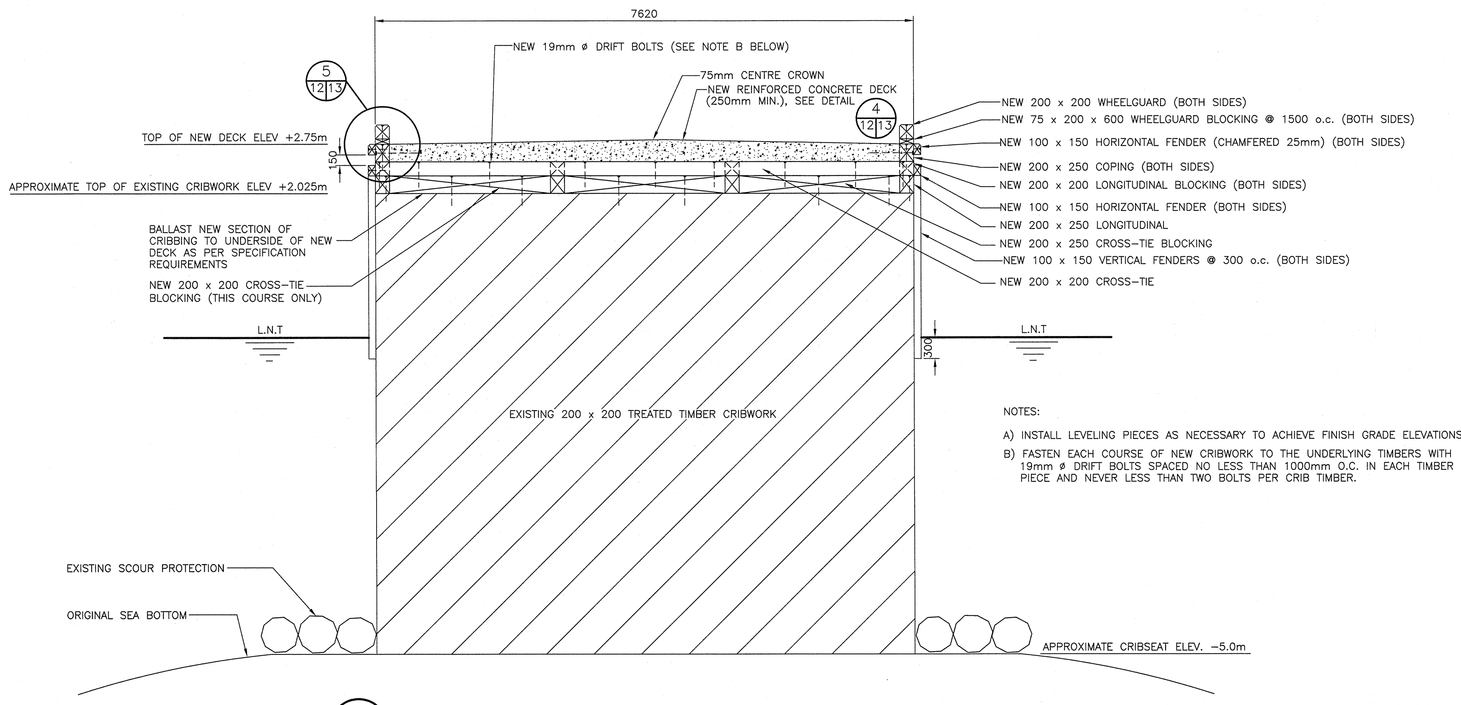


NOTES:

A) INSTALL LEVELING PIECES AS NECESSARY TO ACHIEVE FINISH GRADE ELEVATIONS.

B) FASTEN EACH COURSE OF NEW CRIBWORK TO THE UNDERLYING TIMBERS WITH 19mm ø DRIFT BOLTS SPACED NO LESS THAN 1000mm O.C. IN EACH TIMBER PIECE AND NEVER LESS THAN TWO BOLTS PER CRIB TIMBER.

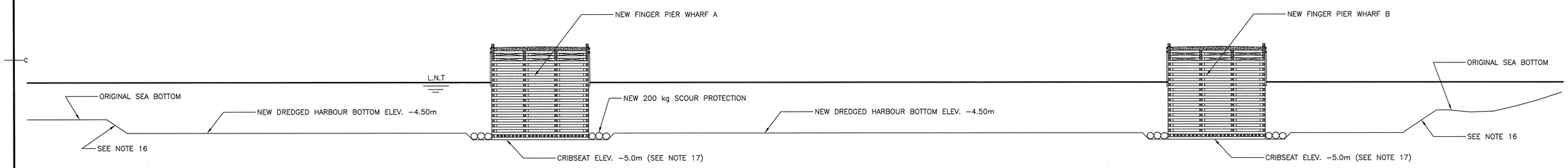
1/6/12 NEW FINGER PIER WHARF CRIBWORK SECTION WITH BUILT-UP DECK (STRUCTURE No. 412(S))

SCALE: 1:40

0m 1m 2m 3m 4m 5m

NOTES:

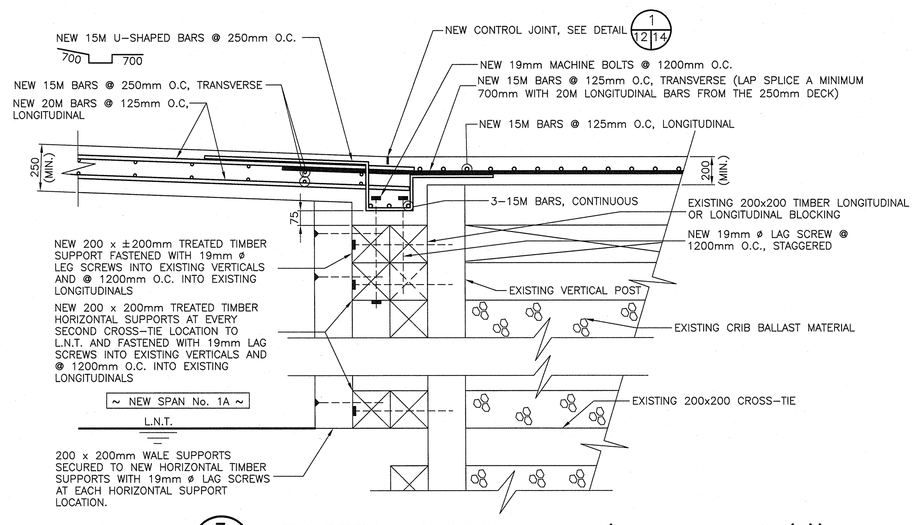
1. ALL DIMENSIONS IN MILLIMETRES.
2. ALL ELEVATIONS IN METRES.
3. DO NOT SCALE FROM DRAWINGS, USE DIMENSIONS AS SHOWN.
4. MINIMUM CONCRETE STRENGTH 35 MPa @ 28 DAYS.
5. REINFORCING STEEL YIELD STRENGTH 400 MPa.
6. REINFORCING STEEL SPLICES SHALL CONFORM TO A23.3, LATEST EDITION. AND AS INDICATED BELOW:
   A.) STRUCTURAL DECK: – 20M = 700mm LAP – 15M = 500mm LAP
   B.) ALL OTHER AREAS: – 20M = 850mm LAP – 15M = 650mm LAP
7. ALL REBAR TO HAVE MIN. COVER OF 75mm UNLESS OTHERWISE NOTED.
8. ALL MACHINE BOLTS TO BE 19mm DIAMETER (GALVANIZED), UNLESS OTHERWISE NOTED.
9. ALL DRIFT BOLTS TO BE 19mm DIAMETER (GALVANIZED), AS NOTED ON DRAWINGS.
10. ALL TIMBER TO BE TREATED TO CSA 080, LATEST EDITION, UNLESS OTHERWISE NOTED.
11. REINFORCED CONCRETE DECK IS DESIGNED IN ACCORDANCE WITH THE CANADIAN HIGHWAY BRIDGE CODE, 2010 EDITION, AND BASED ON THE CL-625 TRUCK AND ASSOCIATED DYNAMIC LOAD ALLOWANCE AND LANE LOAD.
12. GALVANIZING WILL CONFORM TO ASTM A123/A123M-09, LATEST EDITION.
13. ALL LAG SCREWS TO BE GALVANIZED AND SIZED AS PER FOLLOWING: LADDER UPRIGHTS – 19mm FENDERING – 16mm
14. ROCK SCOUR PROTECTION TO EXTEND IN 1500mm UNDER EACH SIDE OF NEW SPAN.
15. THE CONTRACTOR SHALL ENSURE THAT THE WALES ARE INSTALLED AT THE ELEVATIONS AS SHOWN ON THE DRAWINGS, PROVIDING ALL EQUIPMENT, LABOUR & MATERIALS, INCLUDING DIVING CREW IF NECESSARY.
16. CONTRACTOR SHALL EXCAVATE AND DREDGE IN SUCH A MANNER AS TO ENSURE SLOPE STABILITY WITHIN THE MATERIAL ENCOUNTERED. REFER TO SHEET C18.
17. NEW CRIBS TO BE INSTALLED ON HARD BOTTOM AS INDICATED. IF GEOTECHNICAL CONDITIONS DIFFER FROM THOSE INDICATED, ADVISE DEPARTMENTAL REPRESENTATIVE IMMEDIATELY.



2/6/12 TYPICAL HARBOUR SECTION

SCALE : 1:150

0m 5m 10m 15m



3/11/12 NEW DECK TRANSITION DETAIL (WHARF No. 407(S))

SCALE : 1:15

0mm 500mm 1000mm 1500mm

0 10 20mm 40 60 80 100 120 140 160 180 200mm

PWGSC B1 (2004)

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

STAMP

REGISTERED PROFESSIONAL ENGINEER
PEGNL Newfoundland and Labrador
LEE M. BENNETT
SIGNATURE
15/03/12
NEWFOUNDLAND & LABRADOR

PROVINCE OF NEWFOUNDLAND AND LABRADOR
PEGNL Newfoundland and Labrador
PERMIT HOLDER
This Permit Allows
Meridian Engineering Inc.
To practice Professional Engineering in Newfoundland and Labrador.
Permit No. as issued by PEG N0453
which is valid for the year 2015

E	ISSUED FOR TENDER	15/03/12
D	ISSUED FOR 100% REVIEW	15/02/03
C	ISSUED FOR 99% REVIEW	14/12/17
B	ISSUED FOR 66% REVIEW	14/11/27
A	ISSUED FOR 33% REVIEW	14/10/30
revisions		date

project / projet

FINGER PIER WHARF RECONSTRUCTION OLD PERLICAN, NL

drawing / dessin

NEW WHARF SECTIONS SHEET 2

designed / conçu: L. BENNETT
date: OCTOBER, 2014
drawn / dessiné: R. SNOW
date: OCTOBER, 2014
approved / approuvé
date
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC

project number / no. du projet: R.075161.001

drawing no. / no. du dessin: C12 OF 18

E-DRM/GDD-E: 513842