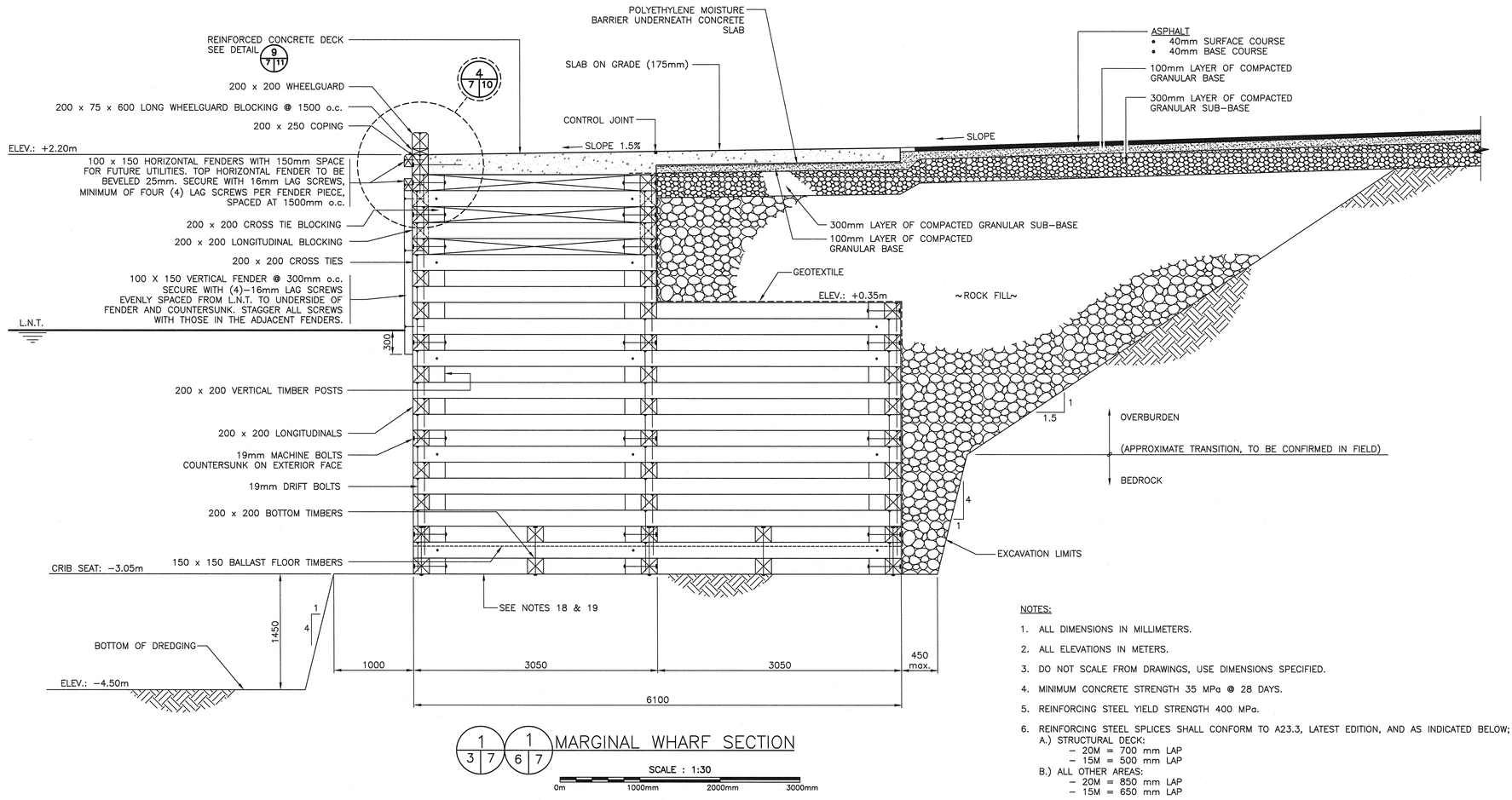


1/3 1/7 1/6 1/7 MARGINAL WHARF SECTION

SCALE : 1:30

0m 1000mm 2000mm 3000mm

LEGEND

- ASPHALT
- TYPE 1 FILL
- TYPE 2 FILL
- ROCK FILL
- REINFORCED CONCRETE

NOTES:

1. ALL DIMENSIONS IN MILLIMETERS.
2. ALL ELEVATIONS IN METERS.
3. DO NOT SCALE FROM DRAWINGS, USE DIMENSIONS SPECIFIED.
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 = 700 mm LAP
   - 15M = 500 mm LAP

   B.) ALL OTHER AREAS:
   - 20M = 850 mm LAP
   - 15M = 650 mm LAP
7. ALL REBAR TO HAVE MIN. COVER OF 75mm UNLESS OTHERWISE NOTED.
8. ALL MACHINE BOLTS 19mm DIAMETER (GALVANIZED).
9. ALL DRIFT BOLTS TO BE 19mm DIAMETER (GALVANIZED) UNLESS OTHERWISE NOTED.
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 DESIGN CODE, 2006 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 - 19.0 mm
    - FENDERING - 16 mm
14. CONTRACTOR TO EXCAVATE IN SUCH A MANNER AS TO ENSURE STABILITY OF SLOPES PRIOR TO AND DURING CRIB CONSTRUCTION.
15. ALL DREDGING AND EXCAVATION PAY LIMITS TO BE 1.5 HORIZONTAL TO 1 VERTICAL (1.5:1), EXCEPT IN ROCK, WHICH IS TO BE 1 HORIZONTAL TO 4 VERTICAL (1:4)
16. LOCATION OF CLEATS, HYDRO POLES, ELECTRICAL PEDESTALS AND LADDERS ARE TO BE CONSIDERED APPROXIMATE. CONFIRM ACTUAL LOCATION IN THE FIELD WITH DEPARTMENTAL REPRESENTATIVE.
17. DURING EXCAVATION/DREDGING, THE CONTRACTOR IS TO TAKE MEASURES TO PREVENT UNDERMINING OF EXISTING CRIBS ADJACENT TO NEW WORK.
18. THE BEDROCK SURFACE FOR CRIB SEAT PREPARATION SHALL BE FLAT TO SUIT THE CRIB SEAT ELEVATIONS INDICATED. CONTRACTOR TO ENSURE FULL AND CONTINUOUS SUPPORT IS PROVIDED BY SCRIBING THE UNDERSIDE OF THE CRIB SURFACE TO APPROVAL OF DEPARTMENTAL REPRESENTATIVE. THE BOTTOM SHALL BE DREDGED SUCH THAT SCRIBING IS WITHIN A ±200MM TOLERANCE OF THE DESIGNATED CRIB SEAT ELEVATION.
19. IF GEOTECHNICAL CONDITIONS DIFFER FROM THOSE INDICATED, ADVISE DEPARTMENTAL REPRESENTATIVE IMMEDIATELY.

C

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
15/03/23
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 N0463
which is valid for the year 2015.

| | | |
|---|---|---|
| E | RE-ISSUED FOR TENDER | 15/03/23 |
| D | ISSUED FOR TENDER | 10/06/10 |
| C | ISSUED FOR TENDER | 10/05/21 |
| B | ISSUED FOR 99% REVIEW | 10/03/30 |
| A | ISSUED FOR 50% REVIEW | 10/01/12 |
| revisions | | date |

project / projet

**WHARF CONSTRUCTION ST. LUNAIRE, NL**

drawing / dessin

**WHARF SECTION NEW MARGINAL EXTENSION**

designed / conçu: L. BENNETT
date: JANUARY 2010
drawn / dessiné: C. HOBBS
date: JANUARY 2010
approved / approuvé:
date:
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC

project number / no. du projet: R.076000.001

drawing no. / no. du dessin: C7 OF 13

E-DRM/GDD-E: 513844