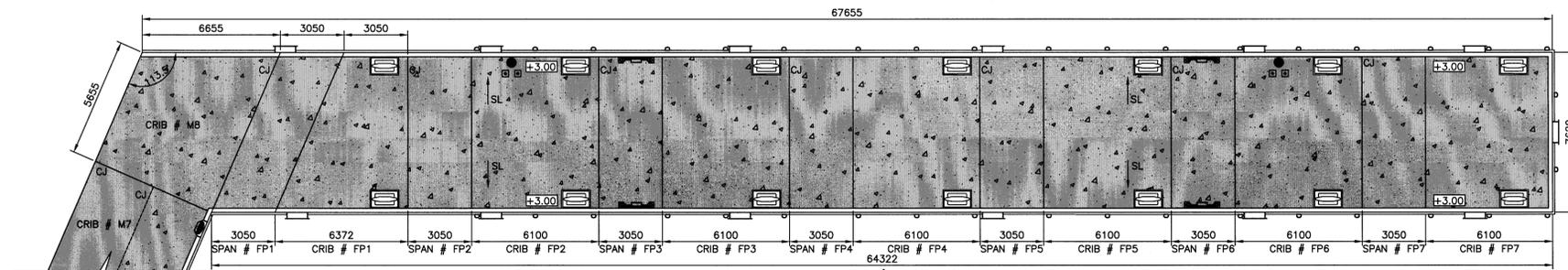


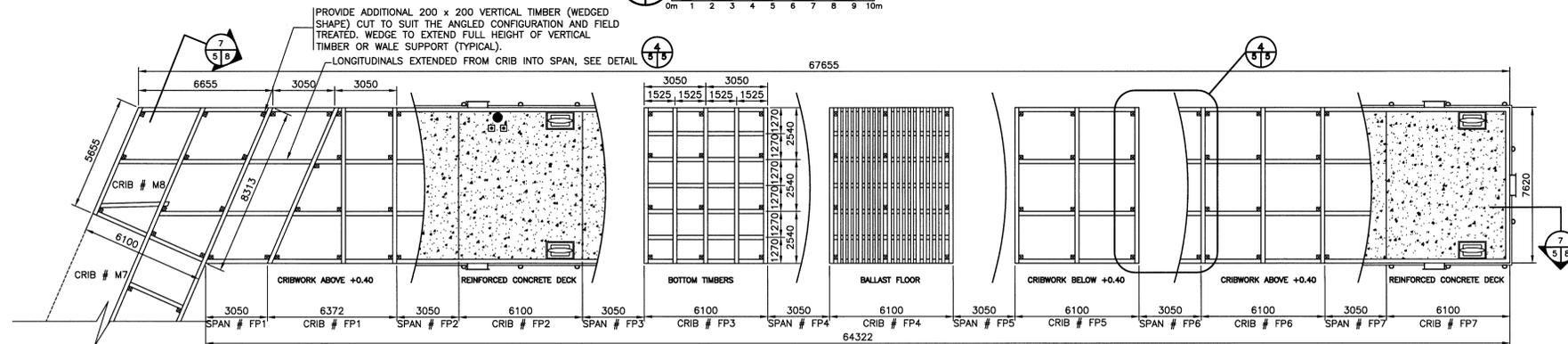
GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
2. ALL ELEVATIONS IN METERS.
3. DO NOT SCALE FROM DRAWING, USE DIMENSIONS AS SHOWN.
4. NO GAP TO EXIST BETWEEN NEW AND EXISTING CRIBWORK. CONTRACTOR TO PROVIDE BLOCKING/SHEETING TO SEAL ANY GAP. UPON NEW CRIB PLACEMENT, TO APPROVAL OF DEPARTMENTAL REPRESENTATIVE.
5. LOCATION OF LADDERS AND CLEATS AS SHOWN ARE CONSIDERED APPROXIMATE. CONTRACTOR TO COORDINATE ACTUAL PLACEMENT WITH DEPARTMENTAL REPRESENTATIVE.
6. CONTRACTOR SHALL COORDINATE LOCATION OF CONTROL JOINTS WITH DEPARTMENTAL REPRESENTATIVE IN THE FIELD.
7. SPACING BETWEEN LADDERS SHALL IN NO CASE EXCEED 12.2m O.C.
8. DURING EXCAVATION, CONTRACTOR TO TAKE MEASURES TO PREVENT UNDERMINING OF EXISTING ADJACENT STRUCTURES AND WHEN PLACING NEW ROCK MATTRESS AND CRIBWORK, 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 AND KICK-OUT OF ANY EXISTING SITE FEATURES.
9. IF GEOTECHNICAL CONDITIONS DIFFER FROM THOSE INDICATED ADVISE DEPARTMENTAL REPRESENTATIVE.
10. CONTRACTOR IS TO EXCAVATE/DREDGE IN SUCH A MANNER AS TO ENSURE STABILITY OF SLOPES PRIOR TO AND DURING CRIB CONSTRUCTION. DREDGE LIMIT SLOPES SHOWN FOR MEASUREMENT FOR PAYMENT PURPOSES ONLY.
11. CONSTRUCTION OPERATIONS, INCLUDING STORAGE OF MATERIALS, FOR THIS CONTRACT SHALL NOT INTERFERE WITH FISHING ACTIVITY AND/OR OPERATIONS AT THIS HARBOUR FACILITY. THE CONTRACTOR SHALL COORDINATE WORK AS NECESSARY.
12. ROCK SCOUR PROTECTION TO EXTEND IN 1500mm UNDER EACH SIDE OF NEW SPAN.
13. 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.
14. ROCK SCOUR PROTECTION TO EXTEND A MAXIMUM OF 0.5m ABOVE CRIBSEAT ELEVATION.
15. ALL DREDGING MEASURED UNDER SECTION 35 20 23 - DREDGING, SHALL BE MEASURED FOR PAYMENT PURPOSES BASED ON DREDGE SLOPES 1.5H:1V, EXCEPT IN ROCK, WHICH SHALL BE 1V:4H, BASED ON THE OUTER DREDGE BOUNDARIES INDICATED.
16. ROCK MATTRESS SHALL NOT BE LESS THAN 600mm THICK IN ANY LOCATION. CONTRACTOR TO EXCAVATE AS REQUIRED.
17. THE CONTRACTOR SHALL BE RESPONSIBLE TO PLACE ROCK MATTRESS/CRIBWORK ON HARD BOTTOM. THE CONTRACTOR SHALL DEMONSTRATE THROUGH THE USE OF EXCAVATION/DREDGING EQUIPMENT OR OTHER MEANS, THAT SUFFICIENT MATERIAL HAS BEEN REMOVED TO ENSURE ROCK MATTRESS/CRIBWORK WILL COME TO REST ON HARD BOTTOM. ONCE THE CONTRACTOR HAS DETERMINED THAT HARD BOTTOM HAS BEEN ACHIEVED THROUGH EXCAVATION/DREDGING EQUIPMENT, THE CONTRACTOR SHALL THOROUGHLY PROBE THE AREA IN A MINIMUM 1.0m X 1.0m GRID TO CONFIRM THAT ALL LOOSE AND SOFT UNSOUND SOILS HAVE BEEN REMOVED TO HARD BOTTOM. ALL PROBING ACTIVITIES TO BE COMPLETED BY DIVERS USING A 15mm Ø X 2000mm STEEL ROD DRIVEN WITH A 2.5kg HAMMER. UNLESS OTHERWISE DIRECTED BY THE DEPARTMENTAL REPRESENTATIVE, HARD BOTTOM IS ACHIEVED WHEN THE PROBE CANNOT PENETRATE MORE THAN 400mm INTO THE UNDERLYING SOILS, WITHIN THE FOOTPRINT OF THE AREA TO RECEIVE ROCK MATTRESS/CRIBWORK. ALL WORK TO BE OVERSEEN BY THE ON-SITE INSPECTOR. IF THE PROBE PENETRATIONS EXCEED 400mm, THEN THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTINUE EXCAVATING/DREDGING TO A DEPTH WHICH HARD BOTTOM IS REACHED AND RE-PROBE TO ACHIEVE THE REQUIREMENTS NOTED ABOVE. THE CONTRACTOR AND THE DEPARTMENTAL REPRESENTATIVE SHALL AGREE ON SITE AS TO WHEN THE DEPTHS REQUIRED TO REACH HARD BOTTOM ARE MET.
18. THE SUPPORTING CROSSTIE TIMBERS FOR THE STRUCTURAL DECK IN CRIB CONSTRUCTION SHALL NOT EXCEED A SPACING OF 3050mm.

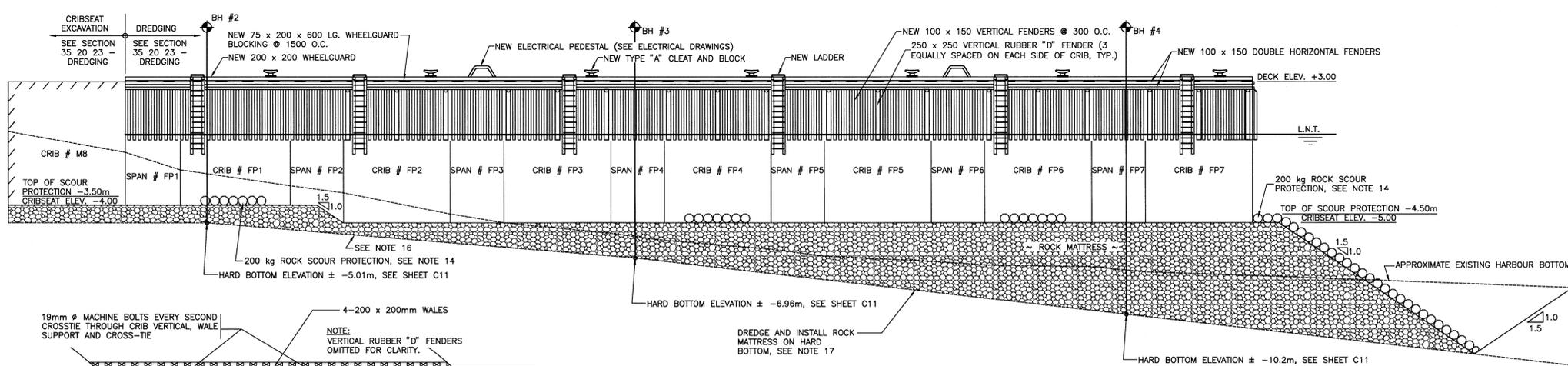
- GENERAL LEGEND**
- NEW LADDER, SEE DETAIL
 - NEW TYPE "B1" CLEAT AND BLOCK, SEE DETAILS
 - NEW TYPE "A" CLEAT AND BLOCK, SEE DETAILS
 - NEW REINFORCED CONCRETE DECK, SEE DETAIL
 - NEW REINFORCED CONCRETE SLAB-ON-GRADE, SEE DETAIL
 - NEW CONTROL JOINT, SEE DETAIL
 - NEW FINISH GRADE
 - NEW UTILITY POLE C/W PROTECTIVE BOLLARDS, SEE DETAILS
 - APPROXIMATE GRADE SLOPE DIRECTION
 - NEW ELECTRICAL PEDESTAL
 - VERTICAL RUBBER "D" FENDER, SEE DETAIL
 - CRIB # FP# FINGER PIER CRIB NUMBER
 - SPAN # FP# FINGER PIER SPAN NUMBER
 - CRIB # M# MARGINAL CRIB NUMBER



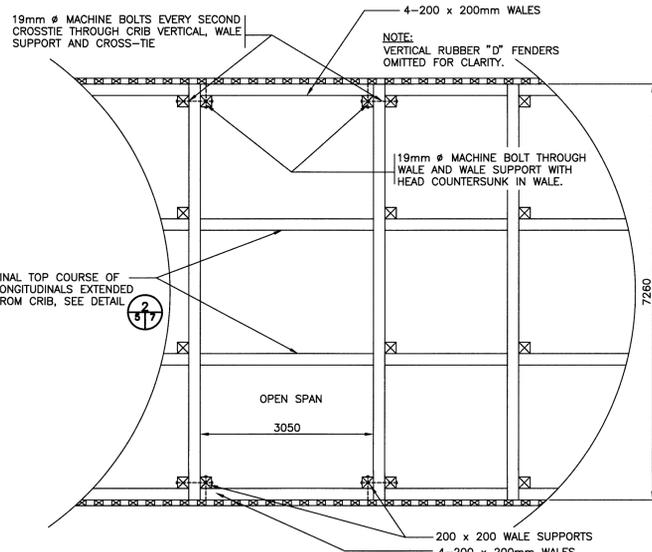
1 FINGER PIER DECK PLAN
SCALE: 1:125



2 COMPONENT PLAN
SCALE: 1:125



3 ELEVATION
SCALE: 1:125



4 PLAN - CRIB & SPAN (TYP. ABOVE +0.40)
SCALE: 1:50



PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
 This Permit Allows
Meridian Engineering Inc.
 Member No. 04378
 To practice Professional Engineering
 in Newfoundland and Labrador.
 Permit No. as issued by PEO 201453
 which is valid for the year 2016.



revision	date	project
E	ISSUED FOR TENDER	16/09/21
D	ISSUED FOR FINAL REVIEW	16/08/13
C	ISSUED FOR 99% REVIEW	16/08/08
B	ISSUED FOR 66% REVIEW	16/06/18
A	ISSUED FOR 33% REVIEW	16/04/14

**WHARF CONSTRUCTION
FERMEUSE, NL**

drawing no. dessein

**NEW FINGER PIER
PLANS AND ELEVATIONS**

designed C. FISHER concu

date APRIL, 2016

drawn R. SNOW dessine

date APRIL, 2016

approved approve

date

Tender *Alex Zeman* soumission

DFO Project Manager Administrateur de projets MPO

project number no. du projet

721920

drawing no. no. du dessin

C5 OF 11