

Fisheries and Oceans  
Canada

Pêches et Océans  
Canada



Small Craft Harbours  
Newfoundland Region  
St. John's, NL.

Ports Pour Petits Bateaux

## FINGER PIER EXTENSION

# OLD PERLICAN

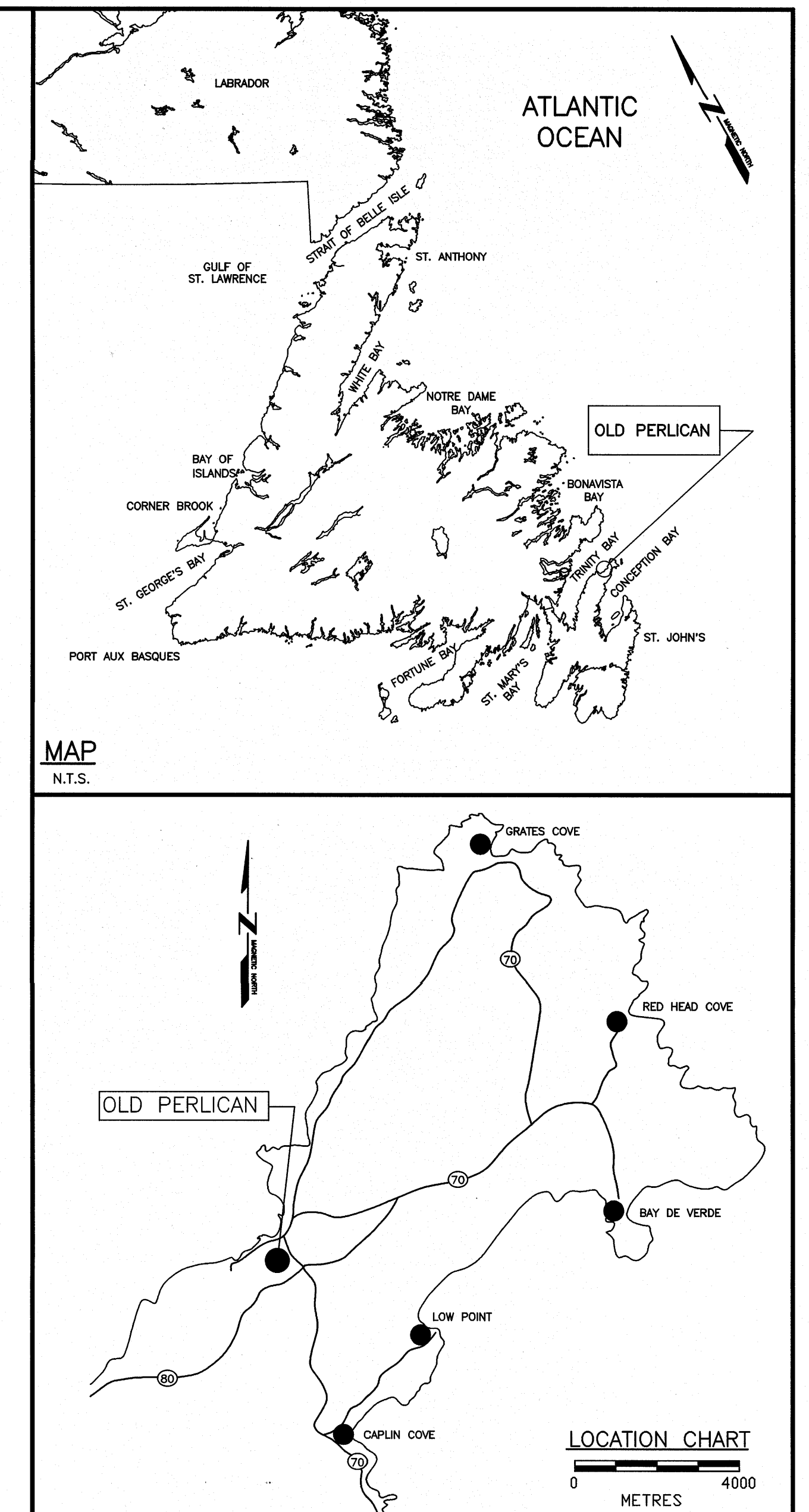
NEWFOUNDLAND AND LABRADOR

PROJECT NO. 723229-001

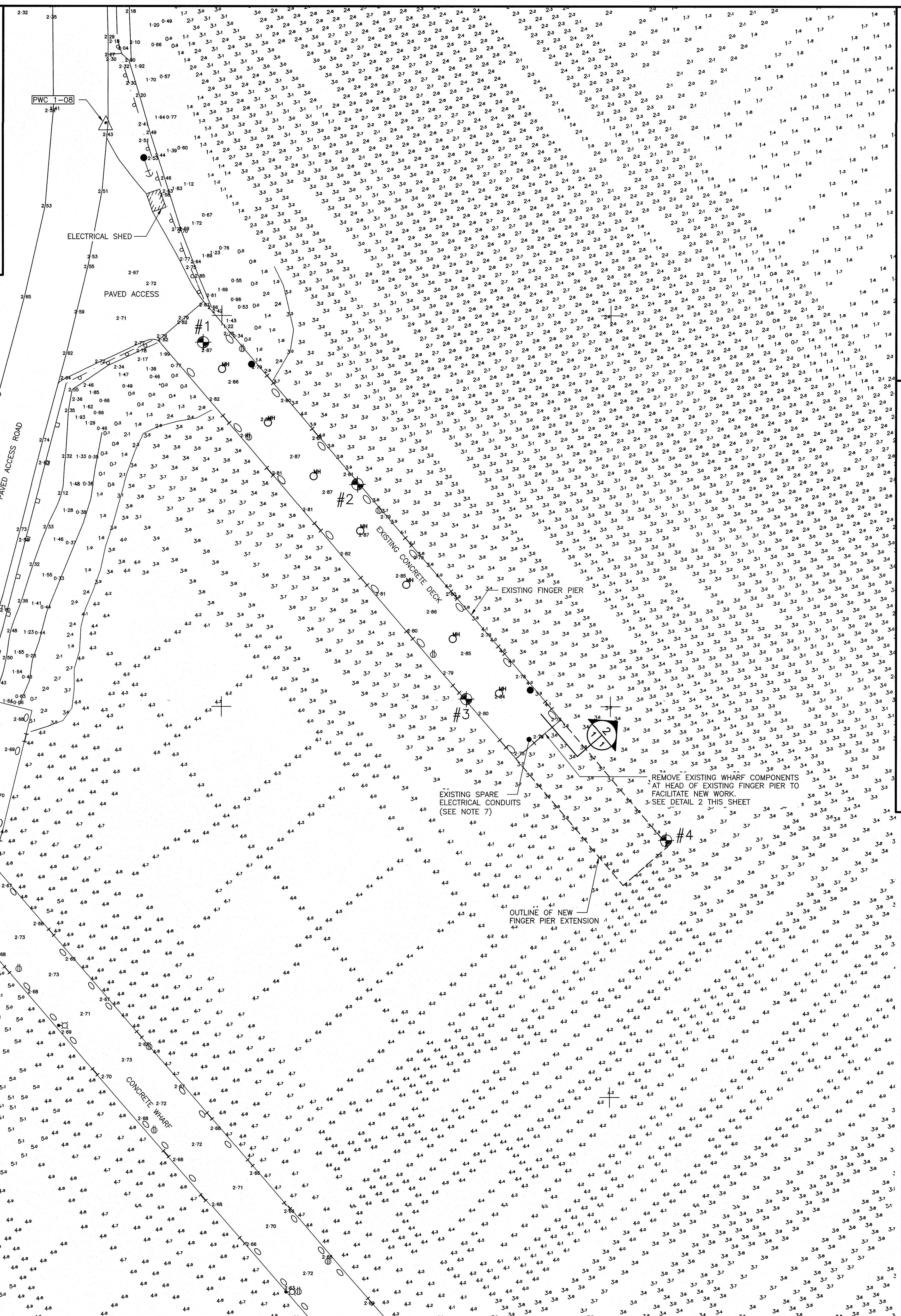
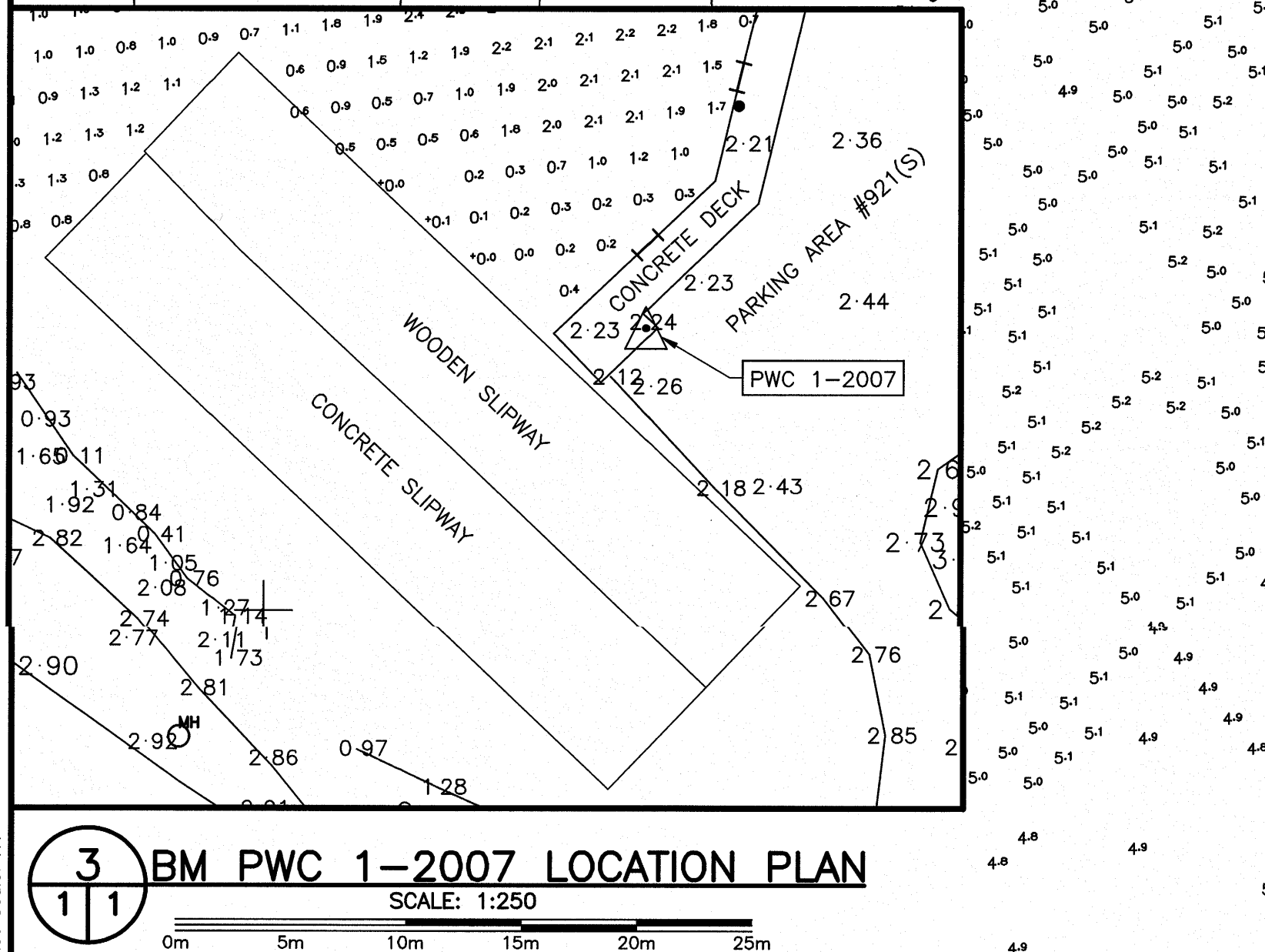
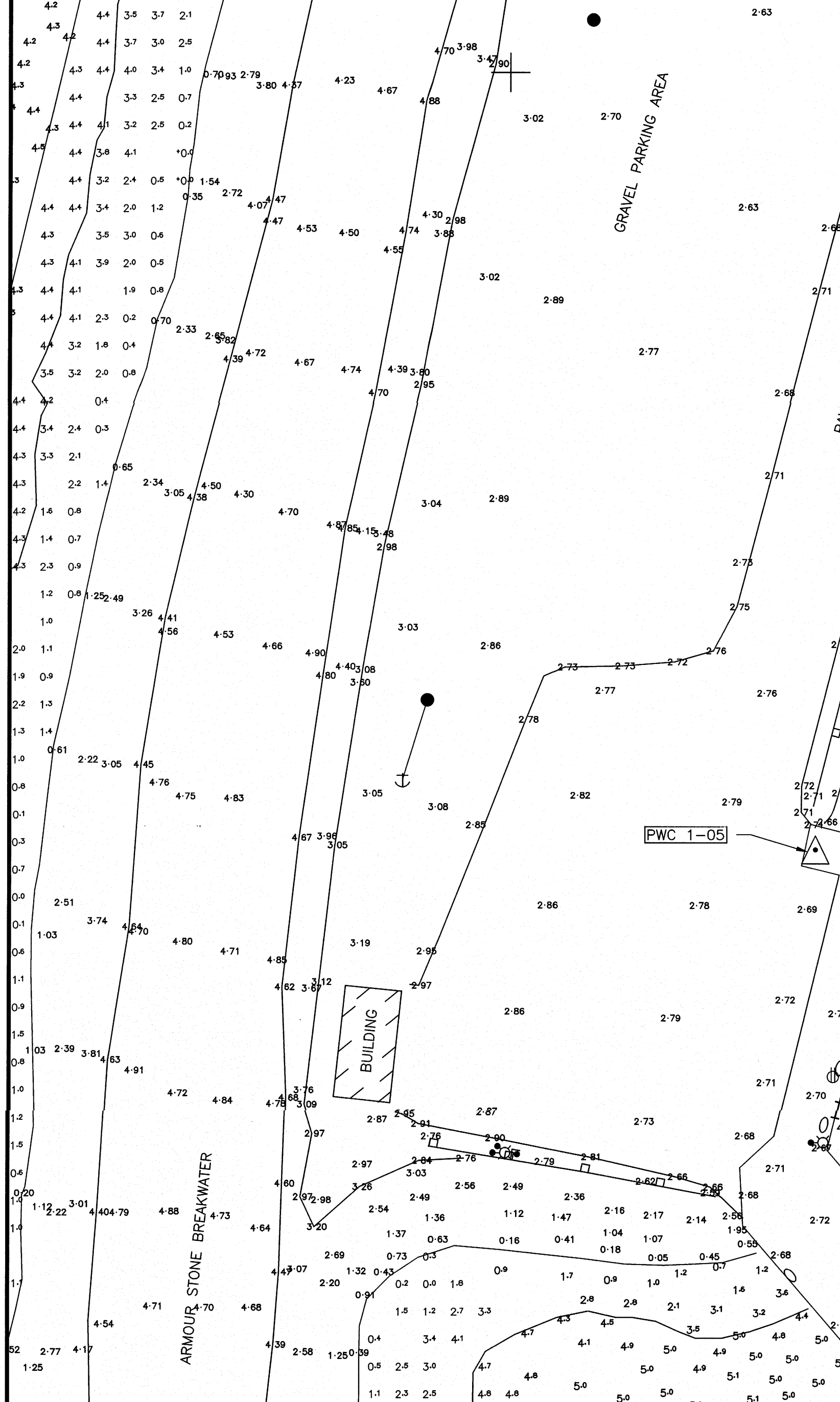
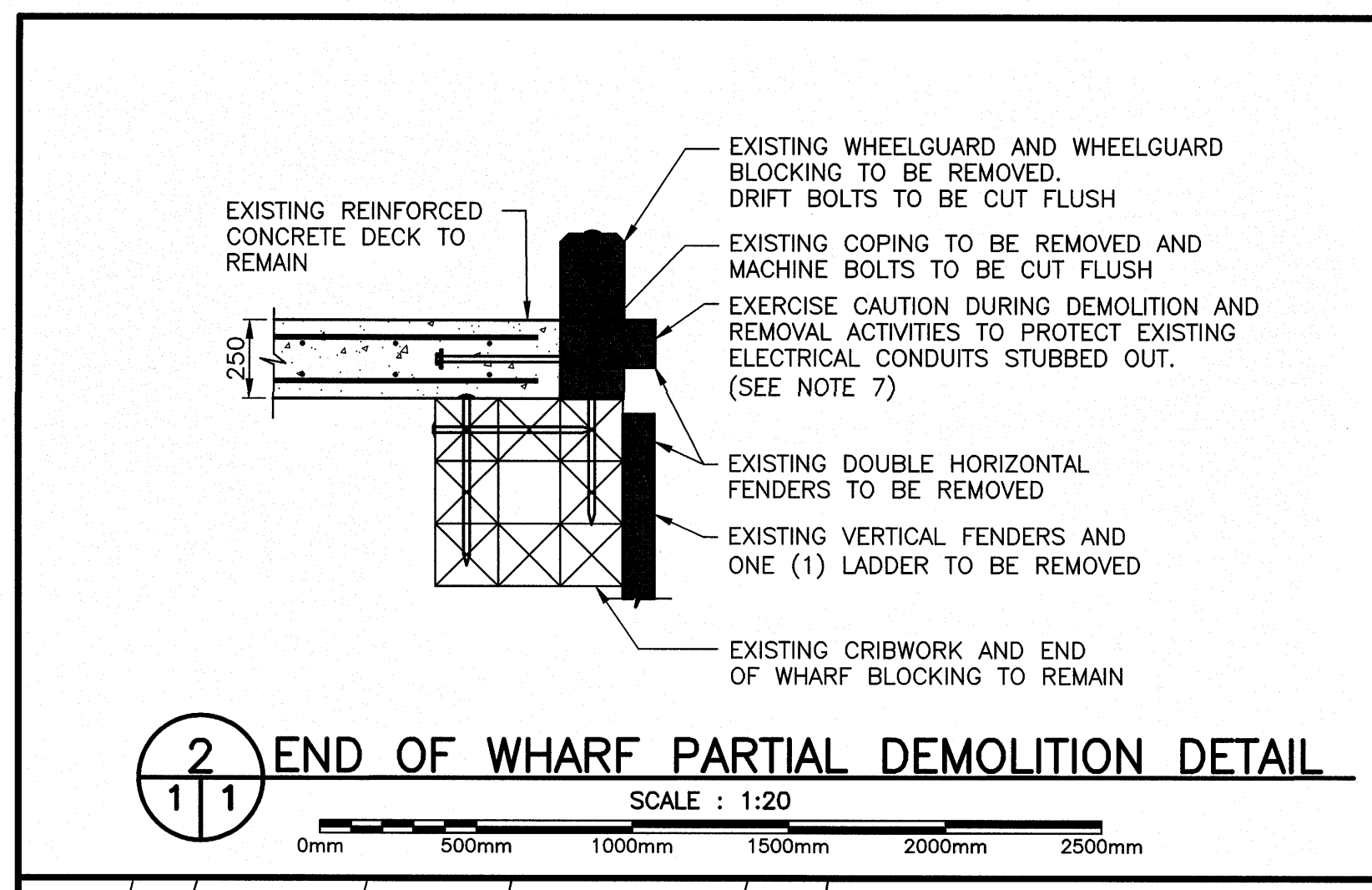
### DRAWING LIST

CIVIL

- |    |      |                                    |
|----|------|------------------------------------|
| C1 | OF 7 | EXISTING SITE PLAN                 |
| C2 | OF 7 | NEW SITE PLAN                      |
| C3 | OF 7 | PLAN, ELEVATION AND COMPONENT PLAN |
| C4 | OF 7 | NEW FINGER PIER SECTIONS           |
| C5 | OF 7 | DETAILS SHEET 1                    |
| C6 | OF 7 | DETAILS SHEET 2                    |
| C7 | OF 7 | BOREHOLE LOGS                      |



Canada



**GENERAL NOTES:**

- ALL DIMENSIONS IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
- ALL ELEVATIONS IN METERS.
- DO NOT SCALE FROM DRAWINGS, USE DIMENSIONS AS SHOWN.
- RELIABLE AS-BUILT INFORMATION IS LIMITED, EXISTING WHARF DETAILS SHOWN FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL CONFIRM ALL CRITICAL DIMENSIONS IN THE FIELD. CONTRACTOR TO BASE COSTS FOR DEMOLITION AND ASSOCIATED RISK ACCORDINGLY.
- THE CONTRACTOR SHALL DETERMINE WHAT SAFETY MEASURES NEED TO BE TAKEN DURING DEMOLITION/CONSTRUCTION ACTIVITIES.
- THIS IS AN ACTIVE FISHING AND PROCESSING SITE AND THEREFORE CONTRACTOR SHALL COORDINATE WORK AS NECESSARY AS NOT TO DISRUPT ONGOING ACTIVITIES BOTH ON THE EXISTING STRUCTURES AND IN THE UPLANDS AREA.
- TWO (2) 53mm Ø SPARE PVC ELECTRICAL CONDUITS STUBBED AND CAPPED THROUGH COPING AND HORIZONTAL FENDER. CONDUITS TO BE CONNECTED AND EXTENDED IN NEW WORK.

**GENERAL LEGEND:**

- OUTLINE OF NEW FINGER PIER EXTENSION
- #1 APPROXIMATE BOREHOLE LOCATION

**SURVEY NOTES**

SURVEY PARTY CHIEF: EDDIE BEARNS  
 SURVEY VESSEL: ALUMINUM BOAT  
 SURVEY DATE(S): BETWEEN JULY 23, 1998 - MAY 07, 2014

SOUNDER TYPE: SINGLE TRANSDUCER  
 SOUNDER SETTINGS: MIN/INST VEL. OF SOUND 1500 m/s  
 DEPTH GATE USED: N/A FREQ. OF TRANS. 210 KHZ  
 POSITIONING SYSTEM USED: ON THE FLY DPDS  
 LAND SURVEY POSITION BY:  
 DATA TAPE/DISC(S) USED:  
 CAD DRAWING FILE(S):  
 TIDAL REDUCTION SCHEME:

OFFICE PROCESSOR: E. BEARNS  
 DATE OF PROCESSING: MAY 2014

MODE OF PLOTTING: LEAST OF MINIMUM DEPTHS  
 MATRIX CELL WIDTH X LENGTH:  
 REDUCTION OF MATRIX CELLS:

CONTROL POINTS:

PL NAME	EASTING	NORTHING	CD ELEV	DESCRIPTION
8464084	350872.894	5327386.591		PROVINCIAL BRASS PLAQUE SET IN BEDROCK
630440	349865.546	5326853.276		PROVINCIAL BRASS PLAQUE SET IN BEDROCK
PWC 1-2007	350566.552	5327812.281	+2.240 m	NAIL SET IN CONCRETE DECK
PWC 9801	350480.850	5327628.043	+2.928 m	STEM REMAINING IN CONCRETE DECK
PWC 9802	350563.951	5327780.206	+3.014 m	IRON PIN DRIVEN IN PAVEMENT
PWC 9803	350592.241	5327978.628	+2.178 m	NAIL RANSET IN CONCRETE DECK
PWC 9804	350500.063	5327897.867	+2.077 m	NAIL RANSET IN CONCRETE DECK

ALL SOUNDINGS & ELEVATIONS IN METRES.

ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS "BARRY" 6218 ELEV. +2.183 m (BRASS PLAQUE SET IN CONCRETE DECK) ESTABLISHED FROM GEODETIC BM 927391 ELEV. +6.762 m, USING 0.70m AS THE DIFFERENCE BETWEEN GEODETIC & CHART DATUM.

SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SOUNDER AND POSITIONED BY TRIMBLE DIFFERENTIAL GPS. POSORDINATE SYSTEM BETWEEN JULY 23, 1998 AND MAY 07, 2014.

COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 21, USING THE NORTH AMERICAN DATUM OF 1983 (NAD83).

SOUNDINGS WERE REDUCED BY DIGITRACE & RE-CHECKED FROM SOUNDING CHARTS BEFORE BEING CONNECTED FOR TIDE & BATHY CHECK CORRECTION.

SPEED OF SOUND WAS OBTAINED USING A DIGIBAR-PRO VELOCIMETER.

SOUNDINGS WERE REDUCED USING HYPACK MAX VER. 4.3.

ALL FIELD NOTES ARE IN OLD PERLICAN BOOK #30"A" & 30"B".

**SURVEY LEGEND**

**SYMBOLS**

⊕	ACQUACULTURE	⊕	LADDER
⊙	ANCHOR BLOCK	⊕	LIFE RING
⊙	BOLLARD	⊕	LIGHT STANDARD
⊙	BOREHOLE	⊕	MANHOLE
⊙	BOUNDARY MARKER	⊕	MARSH
⊙	CARD POSITION BUOY	⊕	MAST/TOWER
⊙	CATCH BASIN	⊕	NAVIGATION LIGHT
⊙	CLEAT	⊕	OBSERVED BUOY
⊙	CULVERT	⊕	OBSERVED SPAR BUOY
⊙	DERRICK	⊕	PIPE PILE
⊙	DISPOSAL	⊕	RANGE LIGHT
⊙	DREDGE CONTROL	⊕	SEWER POST
⊙	ELECTRICAL OUTLET	⊕	SEWER OUTFLOW PIPE
⊙	FIRE HYDRANT	⊕	SHO
⊙	FIRST AID	⊕	TELEPHONE POLE
⊙	FISH HANDLING EQUIP.	⊕	TIDE GAUGE/STAFF
⊙	FOG HORN	⊕	TREE
⊙	FUEL PUMP	⊕	UTILITY POLE
⊙	HORIZONTAL CONTROL	⊕	VERTICAL CONTROL
⊙	ICE PLANT	⊕	WATER TAP/OUTLET
⊙	INVERT PIPE	⊕	WATER VALVE
⊙	JIB CRANE	⊕	WATER WELL
⊙		⊕	WOOD PILE

**LINETYPE**

---	ARMOUR STONE	---	MARSH OUTLINE
---	CL RAILROAD	---	PROPERTY BOUNDARY
---	DRAIN PIPE	---	RANGE LIGHT EXTENSION
---	EDGE ROAD / SHOULDER	---	REINFORCING WALL
---	FENCE LINE	---	RIPRAP
---	FLOATING WAVEBREAK	---	TOE OF BANK
---	GUARD RAIL	---	TREE LINE
---	HIGH WATER MARK	---	UNDERGROUND CABLE
---	LOW WATER MARK		

**Fisheries and Oceans Canada** / **Pêche et Océans Canada**

**SMALL CRAFT HARBOURS**

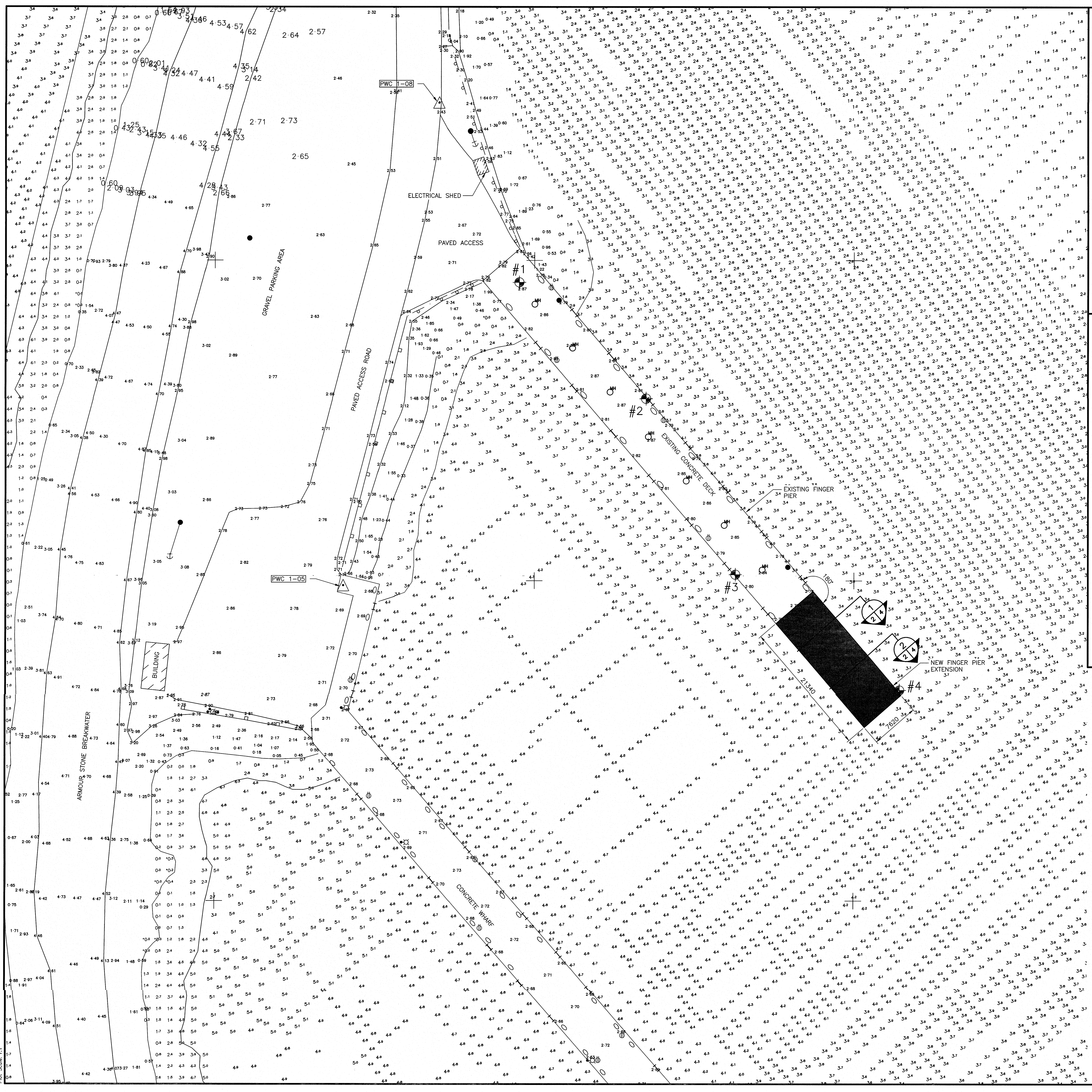
**PROFESSIONAL ENGINEER**  
**PERMIT HOLDER**  
**Meridian Engineering Inc.**  
 Member No. 04378  
 To practice Professional Engineering in Newfoundland and Labrador.  
 Permit No. as issued by PEO, N0463, which is valid for the year 2020.

revision	description	date
B	ISSUED FOR TENDER	31/03/20
C	ISSUED FOR 66% REVIEW	19/11/20
A	ISSUED FOR 33% REVIEW	19/11/20

**project**  
**FINGER PIER EXTENSION**  
**OLD PERLICAN, NL**

**EXISTING SITE PLAN**

designed C. FISHER concu  
 date NOVEMBER 2019  
 drawn P. MARSH dessine  
 date NOVEMBER 2019  
 approved approve  
 date  
 Tender Scumission  
 DFO Project Manager Administrateur de projets MPO  
 project number no. du projet  
**723229-001**  
 drawing no. no. du dessin  
**C1 OF 7**



- GENERAL NOTES:**
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- GENERAL LEGEND:**
- DENOTES NEW FINGER PIER EXTENSION
  - #1 APPROXIMATE BOREHOLE LOCATION

**SURVEY NOTES**

SURVEY PARTY CHIEF EDDIE BEARNS  
 SURVEY VESSEL ALUMINUM BOAT  
 SURVEY DATE(S) BETWEEN JULY 23,1998 - MAY 07,2014

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 SOUNDER SETTINGS: MIN/INST VEL. OF SOUND 1500 m/s  
 DEPTH GATE USED: N/A FREQ. OF TRANS. 210 kHz

POSITIONING SYSTEM USED: ON THE FLY DPSS  
 LAND SURVEY POSITION BY: [Symbol]

DATA TAPE/(S) USED: [Symbol]  
 CAD DRAWING FILE(S): [Symbol]

TIDAL REDUCTION SCHEME: [Symbol]

OFFICE PROCESSOR E.BEARNS  
 DATE OF PROCESSING MAY 2014

MODE OF PLOTTING: LEAST OF MINIMUM DEPTHS  
 MATRIX CELL WIDTH X LENGTH: [Symbol]  
 REDUCTION OF MATRIX CELLS: [Symbol]

CONTROL POINTS:

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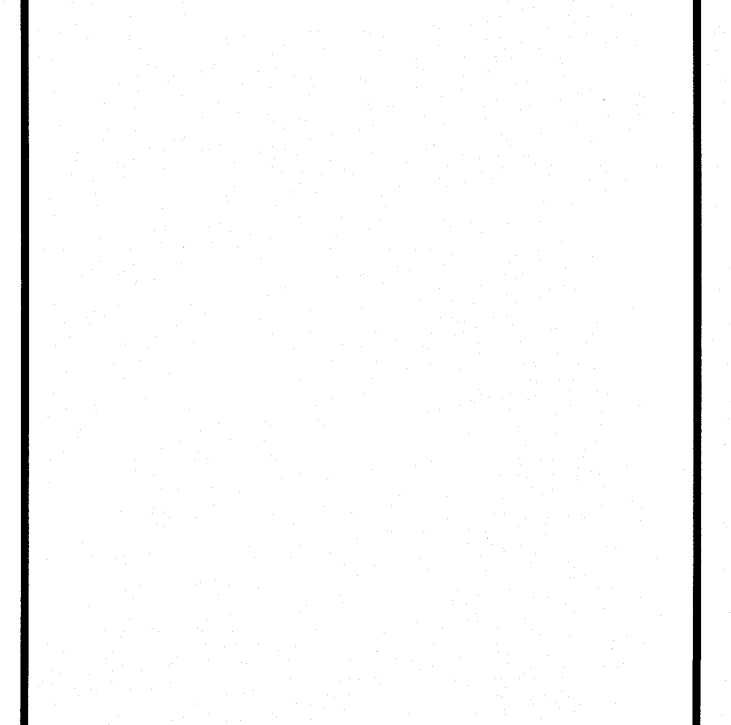
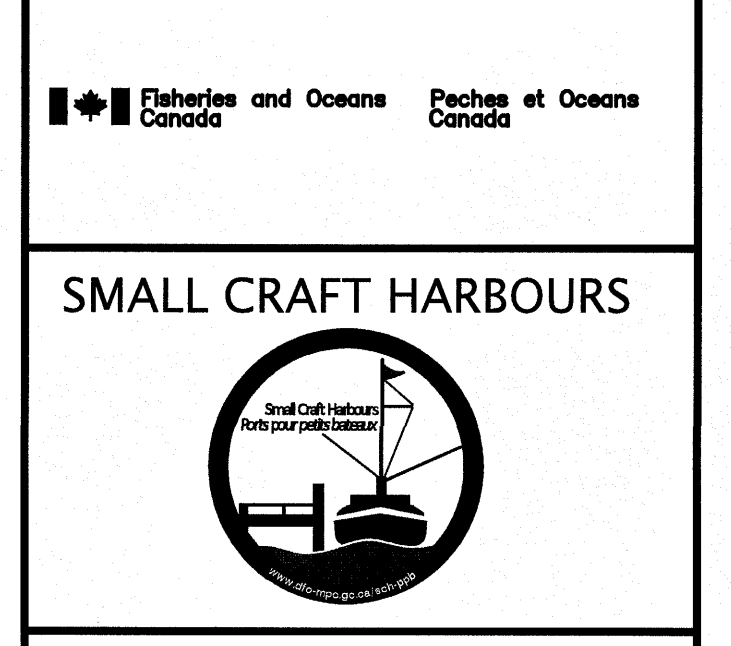
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 SOUNDINGS WERE REDUCED USING HYPACK MAX VER.4.3.

ALL FIELD NOTES ARE IN OLD PERLICAN BOOK #307A\* & 307B\*.

- SURVEY LEGEND**
- SYMBOLS**
- ⊕ ACCULTURE
  - ⊙ ANCHOR BLOCK
  - BOLLARD
  - BOREHOLE
  - BOUNDARY MURDER
  - △ CARD POSITION BUOY
  - CATCH BASIN
  - CLEAT
  - CULVERT
  - DERRICK
  - DISPOSAL
  - DREDGE CONTROL
  - ⊕ ELECTRICAL OUTLET
  - ⊕ FIRE HYDRANT
  - ⊕ FIRST AID
  - ⊕ FISH HANDLING EQUIP.
  - ⊕ FOG HORN
  - ⊕ FUEL PUMP
  - ⊕ H PILE
  - ⊕ HORIZONTAL CONTROL
  - ⊕ ICE PLANT
  - ⊕ INVERT PIPE
  - ⊕ JIB CRANE
  - ⊕ LADDER
  - ⊕ LIFE RING
  - ⊕ LIGHT STANDARD
  - ⊕ MANHOLE
  - ⊕ MARSH
  - ⊕ MAST/TOWER
  - ⊕ NAVIGATION LIGHT
  - ⊕ OBSERVED BUOY
  - ⊕ OBSERVED SPAR BUOY
  - ⊕ PIPE PILE
  - ⊕ RANGE LIGHT
  - ⊕ REINFORCING WALL
  - ⊕ SEWER OUTFLOW PIPE
  - ⊕ SIGN
  - ⊕ TELEPHONE POLE
  - ⊕ TIDE GAUGE/STAFF
  - ⊕ TREE
  - ⊕ UTILITY POLE
  - ⊕ VERTICAL CONTROL
  - ⊕ WATER TAP/OUTLET
  - ⊕ WATER VALVE
  - ⊕ WATER WELL
  - ⊕ WOOD PILE
- LINE TYPE**
- - - ARMOUR STONE
  - - - CL RAILROAD
  - - - DRAIN PIPE
  - - - DUNE ROAD / SHOULDER
  - - - FENCE LINE
  - - - FLOATING WAVEBREAK
  - - - GUARD RAIL
  - - - HIGH WATER MARK
  - - - LOW WATER MARK
  - - - MARSH OUTLINE
  - - - PROPERTY BOUNDARY
  - - - RANGE LIGHT EXTENSION
  - - - REINFORCING WALL
  - - - RIPRAP
  - - - TIDE OF BANK
  - - - TREE LINE
  - - - UNDERGROUND CABLE



**PROVINCE OF NEWFOUNDLAND AND LABRADOR**

**PERMIT HOLDER**  
 Meridian Engineering Inc.  
 Member No. 04378  
 To practice Professional Engineering in Newfoundland and Labrador.  
 Permit No. as issued by PEG - N0463  
 which is valid for the year 2020.

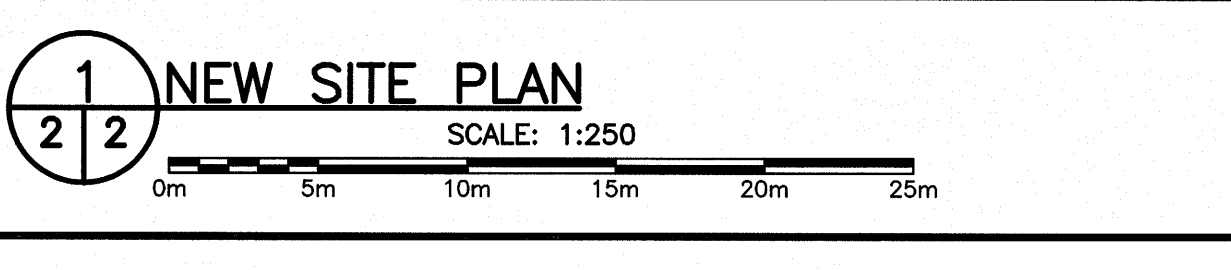
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C	ISSUED FOR 66% REVIEW 19/11/16
A	ISSUED FOR 33% REVIEW 19/11/15

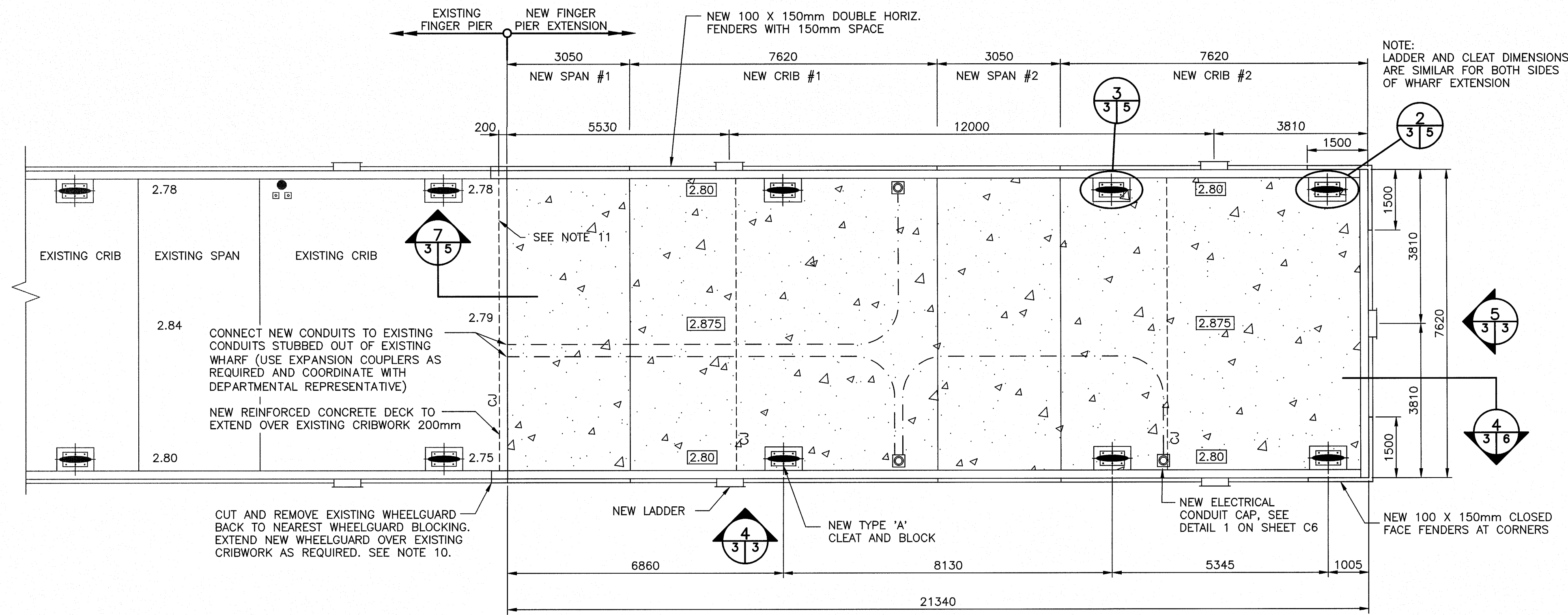
**FINGER PIER EXTENSION**

**OLD PERLICAN, NL**

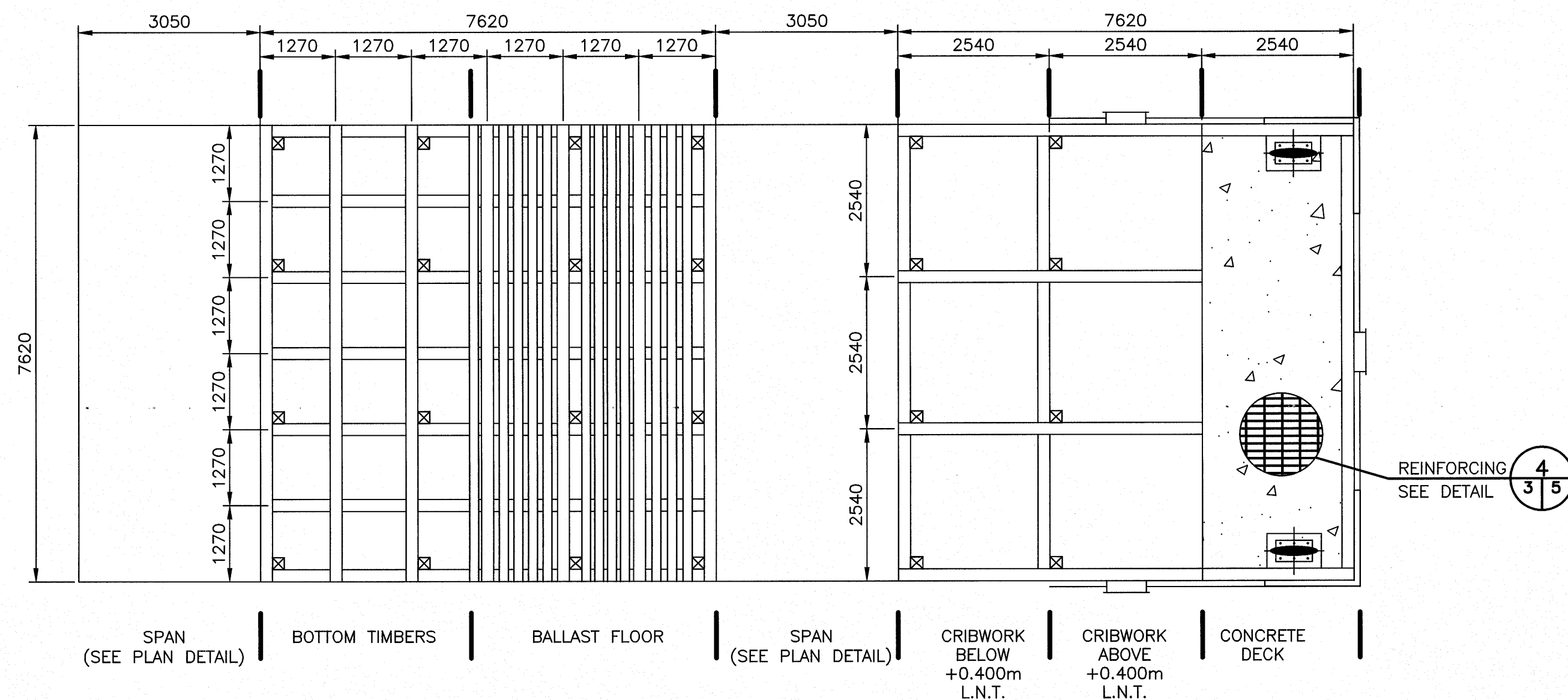
**NEW SITE PLAN**

designed C. FISHER concu  
 date NOVEMBER 2019  
 drawn P. MARSH dessine  
 date NOVEMBER 2019  
 approved [Signature] approve  
 date [Signature] approve  
 Tender [Signature] Soumission  
 DFO Project Manager Administrateur de projets MPO  
 project number no. du projet  
**723229-001**  
 drawing no. no. du dessin  
**C2 OF 7**

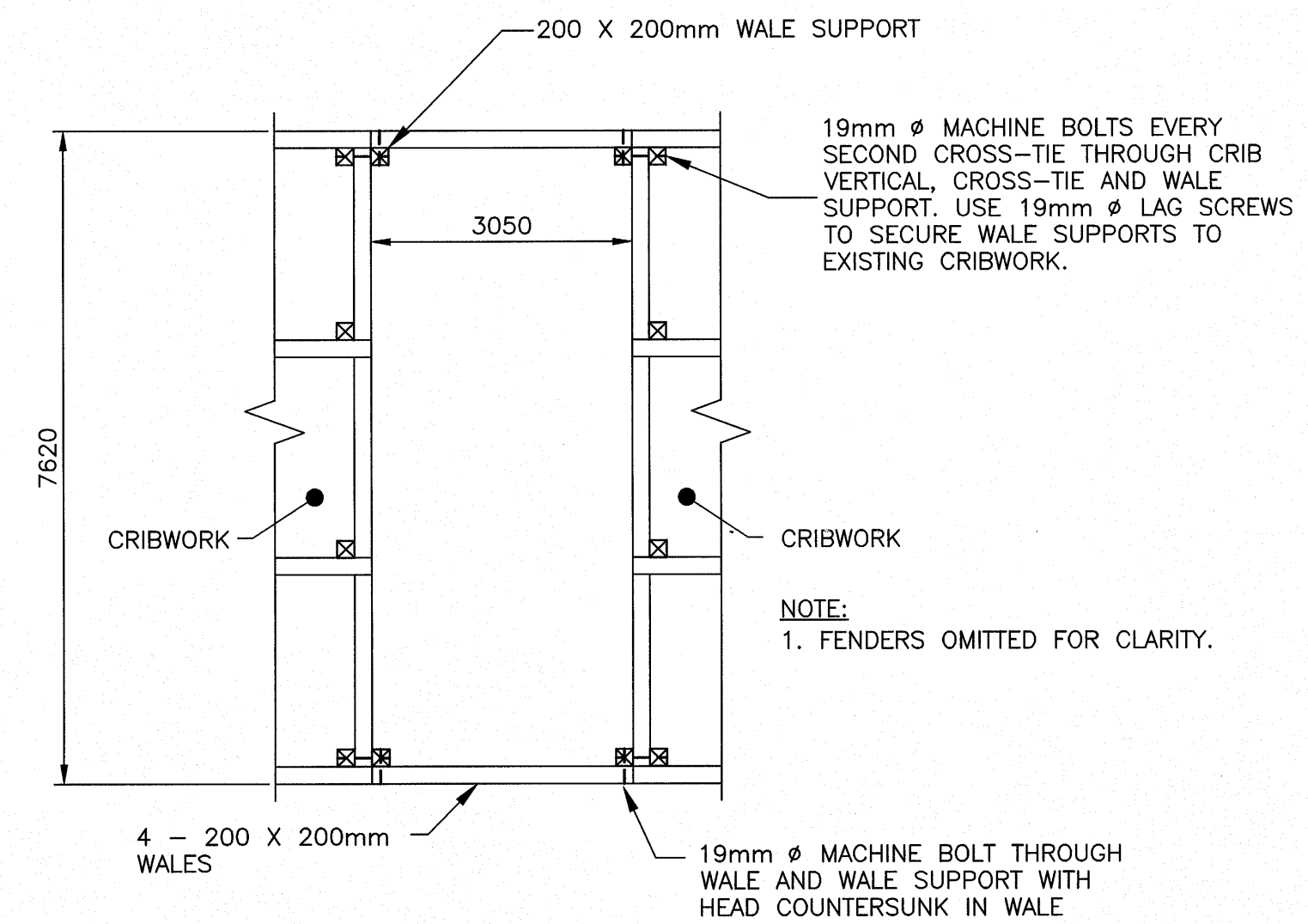




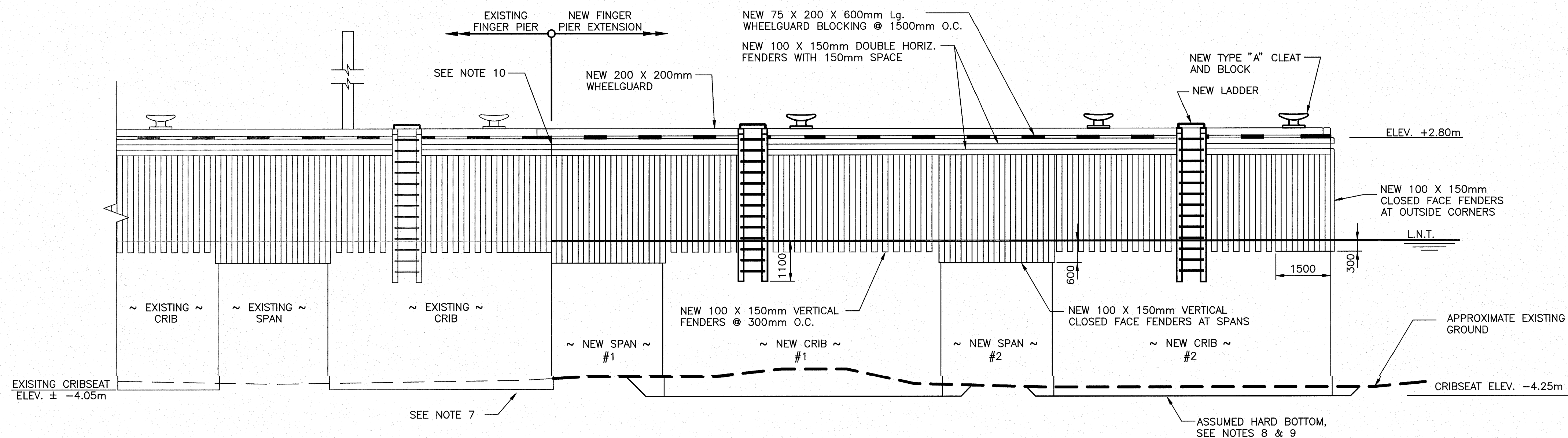
**1 NEW FINGER PIER EXTENSION – DECK PLAN**  
SCALE : 1:75



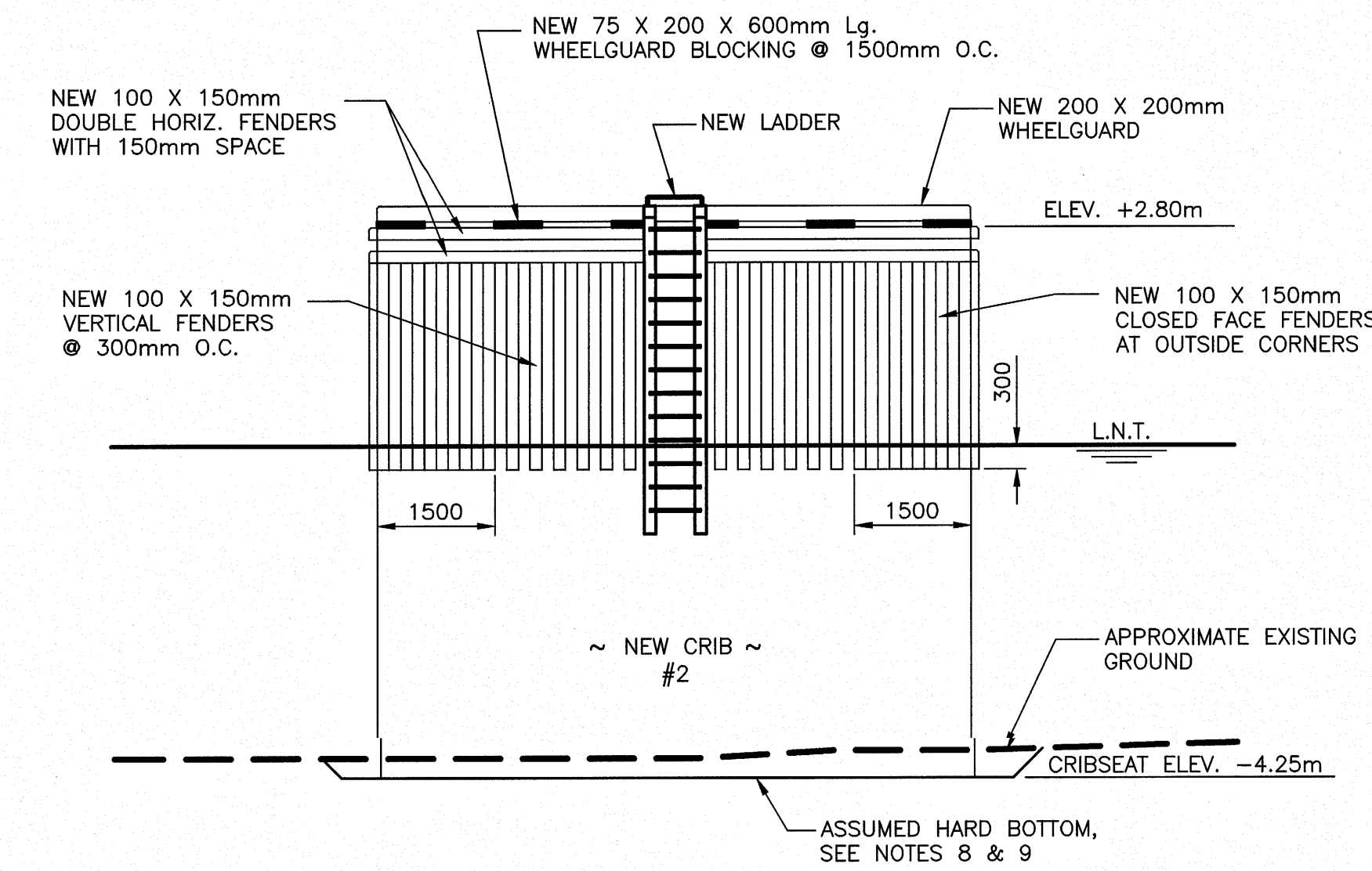
**2 NEW FINGER PIER EXTENSION – COMPONENT PLAN**  
SCALE : 1:75



**3 PLAN – SPAN DETAIL**  
SCALE : 1:75



**4 NEW FINGER PIER EXTENSION – ELEVATION**  
SCALE : 1:75



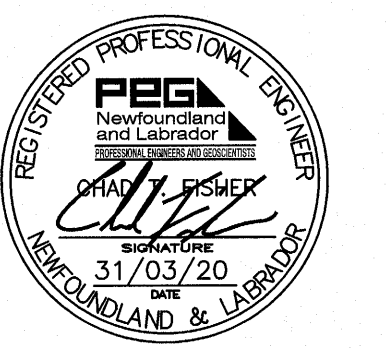
**5 NEW WHARF ELEVATION**  
SCALE : 1:75

- GENERAL NOTES:
- ALL DIMENSIONS IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
  - ALL ELEVATIONS IN METERS.
  - DO NOT SCALE FROM DRAWINGS, USE DIMENSIONS AS SHOWN.
  - LOCATION OF LADDERS, CLEATS, AND PEDESTALS AS SHOWN ARE CONSIDERED APPROXIMATE. CONTRACTOR TO COORDINATE ACTUAL PLACEMENT WITH DEPARTMENTAL REPRESENTATIVE.
  - CONTRACTOR SHALL COORDINATE LOCATION OF CONTROL JOINTS WITH DEPARTMENTAL REPRESENTATIVE IN THE FIELD.
  - SPACING BETWEEN LADDERS SHALL IN NO CASE EXCEED 12.2m O.C.
  - DURING EXCAVATION, CONTRACTOR TO TAKE MEASURES TO PREVENT UNDERMINING OF EXISTING ADJACENT STRUCTURES AND WHEN PLACING NEW 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. CONTRACTOR SHALL CONFIRM EXISTING FINGER PIER CRIBSEAT ELEVATION PRIOR TO EXCAVATION.
  - CONTRACTOR SHALL EXCAVATE AND INSTALL CRIBS ON HARD BOTTOM (MINIMUM CRIBSEAT ELEVATION -4.25m). SCRIBE CRIBS IF NECESSARY TO ENSURE FULL SUPPORT IS PROVIDED UNDER TIMBERS. IF GEOTECHNICAL CONDITIONS DIFFER FROM THOSE INDICATED, ADVISE DEPARTMENTAL REPRESENTATIVE IMMEDIATELY.
  - CONTRACTOR TO EXCAVATE IN SUCH A MANNER AS TO ENSURE STABILITY OF SLOPES PRIOR TO AND DURING CRIB CONSTRUCTION.
  - PROVIDE SMOOTH TRANSITION BETWEEN NEW AND EXISTING FEATURES, INCLUDING COPING, FENDERS, AND WHEELGUARD TO ENSURE NO HORIZONTAL OR VERTICAL OFFSET CREATED.
  - CONTRACTOR SHALL TIE NEW CONCRETE DECK INTO EXISTING TO ENSURE A SMOOTH TRANSITION AND AVOID CREATING ANY LOW POINTS. MAINTAIN POSITIVE DRAINAGE TOWARDS WHARF EDGE.
  - ALL ELECTRICAL WORK TO BE COMPLETED AS PER CANADIAN ELECTRICAL CODE C22.1, LATEST EDITION.

Fisheries and Oceans Canada / Pêches et Océans Canada

**SMALL CRAFT HARBOURS**

- GENERAL LEGEND:
- NEW LADDER
  - NEW TYPE "A" CLEAT & BLOCK
  - NEW FINISHED GRADE
  - EXISTING GRADE
  - NEW CONTROL JOINT (CENTERED OVER CROSSTIE)
  - NEW REINFORCED CONCRETE DECK
  - NEW ELECTRICAL CONDUIT CAP
  - NEW ELECTRICAL CONDUIT (53mm  $\phi$  PVC C/W NEW POLY FISH CORD)



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A	ISSUED FOR 33% REVIEW	18/11/25

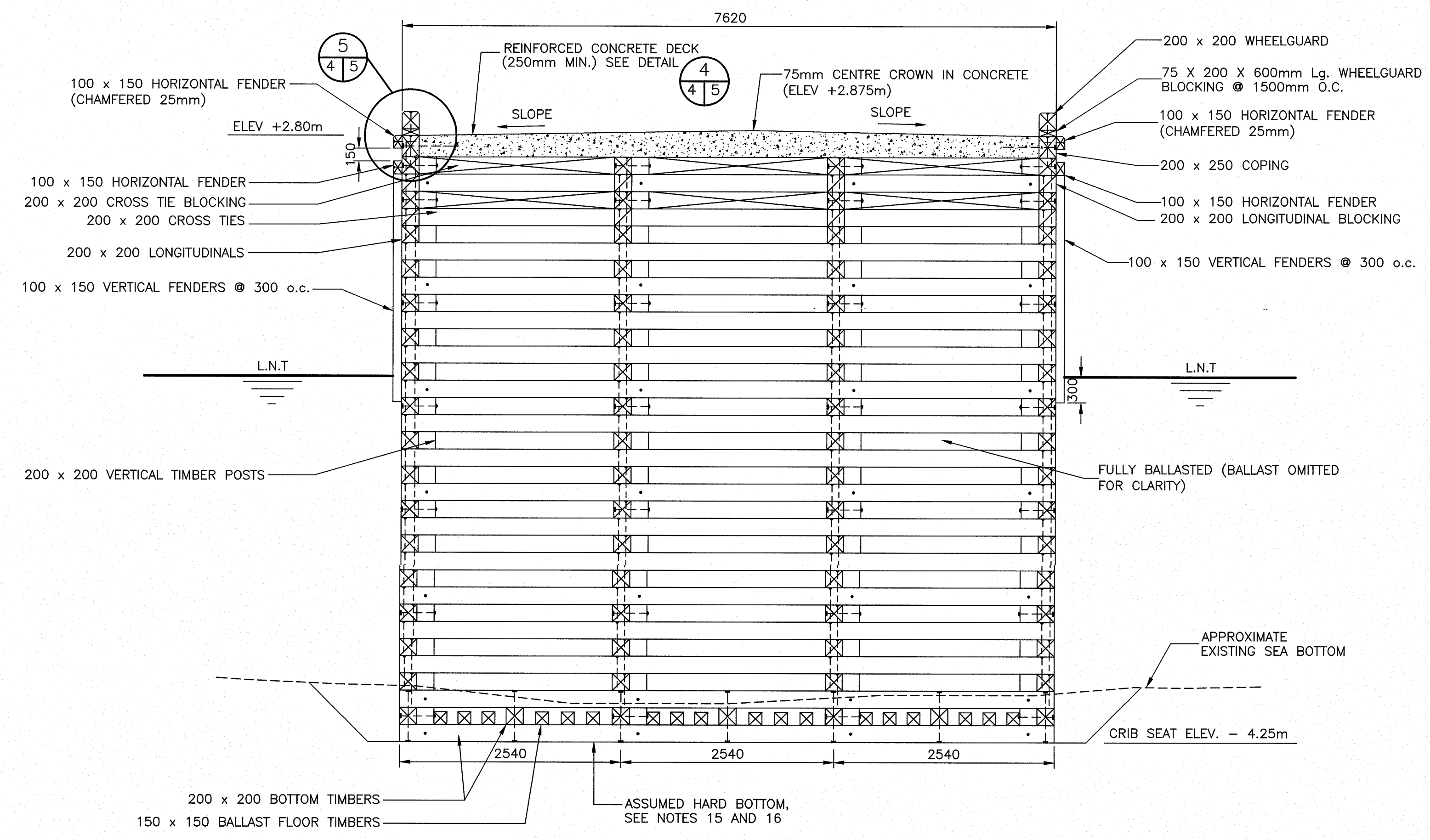
**FINGER PIER EXTENSION**  
**OLD PERLICAN, NL**

**PLAN, ELEVATION & COMPONENT PLAN**

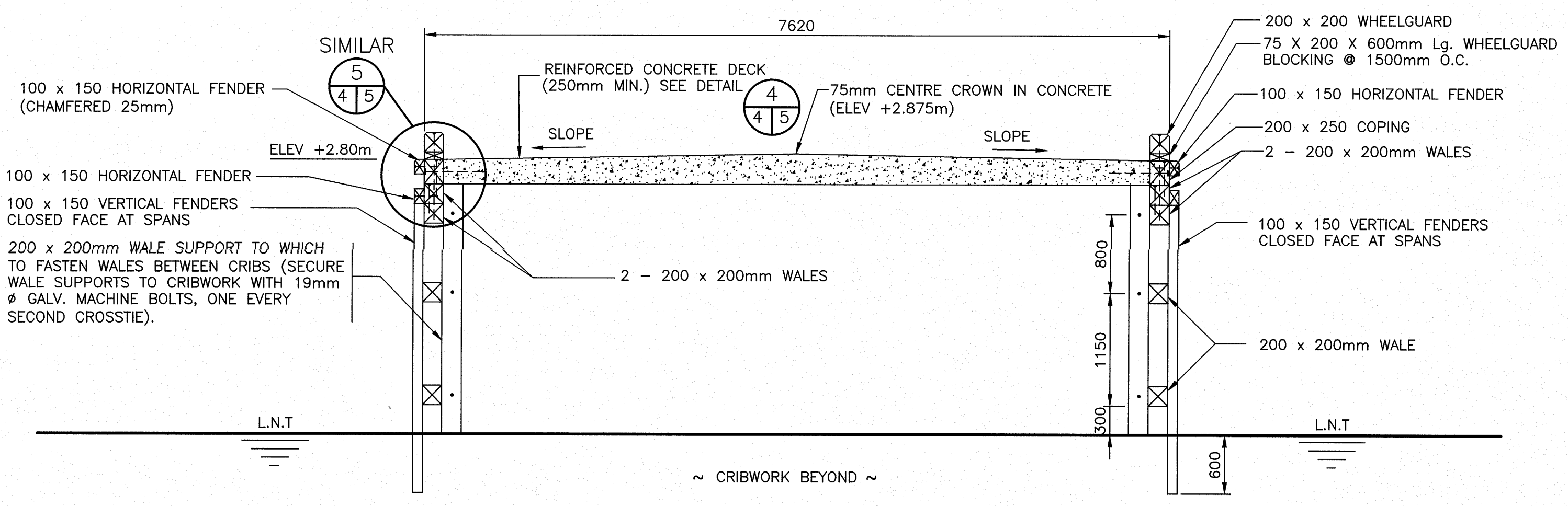
designed	C. FISHER	concu
date	NOVEMBER 2019	
drawn	P. MARSH	dessine
date	NOVEMBER 2019	
approved		approuve
date		
Tender	Paul Curran	Submission
DFD Project Manager	Administrateur de projets MPO	
project number	723229-001	no. du projet
drawing no.	C3 OF 7	no. du dessin



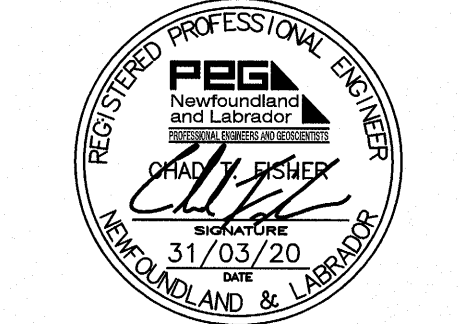
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- ALL DIMENSIONS IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
  - ALL ELEVATIONS IN METERS.
  - DO NOT SCALE FROM DRAWINGS, USE DIMENSIONS AS SHOWN.
  - MINIMUM CONCRETE STRENGTH 35 MPa @ 28 DAYS.
  - REINFORCING STEEL YIELD STRENGTH 400 MPa.
  - REINFORCING STEEL SPLICES SHALL CONFORM TO A23.3, LATEST EDITION, AND AS INDICATED BELOW:
    - A.) STRUCTURAL DECK:
      - 20M = 700mm LAP
      - 15M = 500mm LAP
    - B.) ALL OTHER AREAS:
      - 20M = 850mm LAP
      - 15M = 650mm LAP
  - ALL REBAR TO HAVE MIN. COVER OF 75mm UNLESS OTHERWISE NOTED.
  - ALL MACHINE BOLTS TO BE 19mm DIAMETER (GALVANIZED), UNLESS OTHERWISE NOTED.
  - ALL DRIFT BOLTS TO BE 19mm DIAMETER (GALVANIZED), AS NOTED ON DRAWINGS.
  - ALL TIMBER TO BE TREATED TO CSA 080, LATEST EDITION, UNLESS OTHERWISE NOTED.
  - REINFORCED CONCRETE DECK IS DESIGNED IN ACCORDANCE WITH THE CANADIAN HIGHWAY BRIDGE CODE, AND BASED ON THE CL-625 TRUCK AND ASSOCIATED AND LANE LOAD.
  - GALVANIZING WILL CONFORM TO ASTM A123/A123M, LATEST EDITION.
  - ALL LAG SCREWS TO BE GALVANIZED AND SIZED AS PER FOLLOWING:
    - LADDER UPRIGHTS - 19mm Ø
    - FENDERING - 16mm Ø
  - THE CONTRACTOR SHALL ENSURE THAT THE WALES ARE INSTALLED AT DIMENSIONS AS SHOWN ON THE DRAWINGS, PROVIDING ALL EQUIPMENT, LABOUR & MATERIALS, INCLUDING DIVING CREW IF NECESSARY.
  - CONTRACTOR SHALL EXCAVATE AND INSTALL CRIBS ON HARD BOTTOM (MINIMUM CRIBSEAT ELEVATION -4.25m), SCRIBE CRIBS IF NECESSARY TO ENSURE FULL SUPPORT IS PROVIDED UNDER TIMBERS. IF GEOTECHNICAL CONDITIONS DIFFER FROM THOSE INDICATED, ADVISE DEPARTMENTAL REPRESENTATIVE IMMEDIATELY.
  - CONTRACTOR TO EXCAVATE IN SUCH A MANNER AS TO ENSURE STABILITY OF SLOPES PRIOR TO AND DURING CRIB CONSTRUCTION.



1 NEW FINGER PIER WHARF CRIBWORK SECTION - TYPICAL  
SCALE: 1:40



2 NEW FINGER PIER WHARF SPAN SECTION - TYPICAL  
SCALE: 1:40



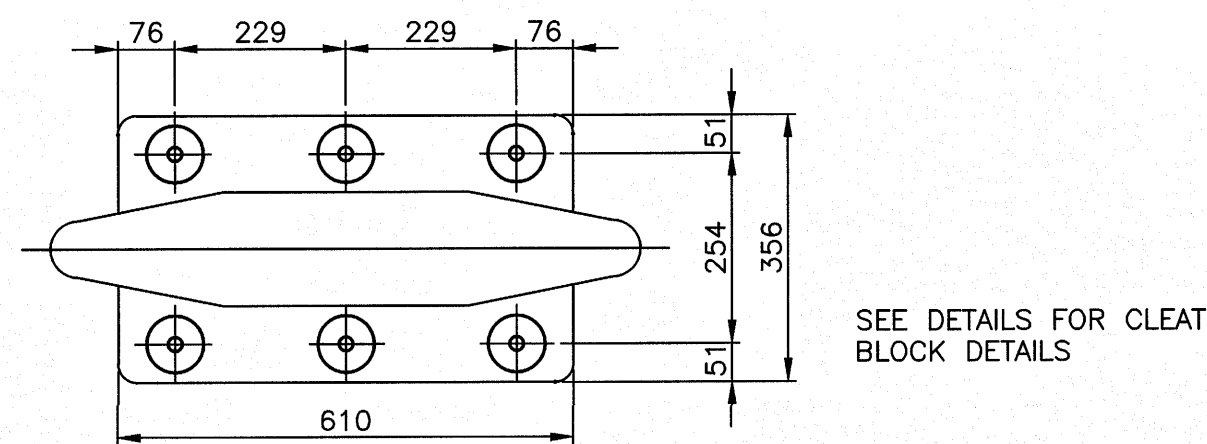
PROVINCE OF NEWFOUNDLAND AND LABRADOR  
**PERMIT HOLDER**  
 This Permit Allows  
**Meridian Engineering Inc.**  
 Member No. 04378  
 To practice Professional Engineering  
 in Newfoundland and Labrador.  
 Permit No. as issued by PEG: **N0453**  
 which is valid for the year **2020**.

C	ISSUED FOR TENDER	31/03/20
B	ISSUED FOR 66% REVIEW	18/12/19
A	ISSUED FOR 33% REVIEW	18/11/19

revisions: \_\_\_\_\_ date: \_\_\_\_\_  
 project: **FINGER PIER EXTENSION** project: \_\_\_\_\_  
**OLD PERLICAN, NL**

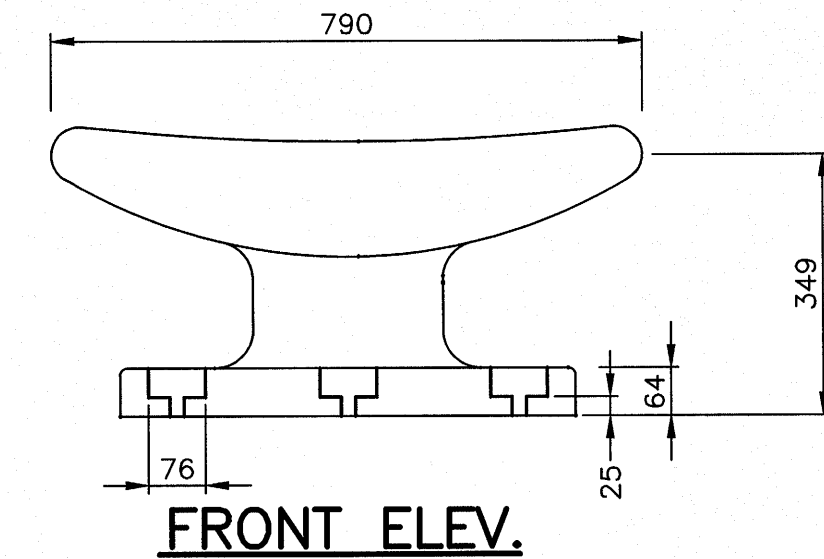
drawing: \_\_\_\_\_ dessin: \_\_\_\_\_  
**NEW FINGER PIER SECTIONS**

designed: C. FISHER concu  
 date: NOVEMBER 2019  
 drawn: P. MARSH dessine  
 date: NOVEMBER 2019  
 approved: \_\_\_\_\_ approve  
 date: \_\_\_\_\_  
 Tender: *Paul Fisher* Soumission  
 DFO Project Manager: Administrateur de projets MPO  
 project number: **723229-001** no. du projet  
 drawing no.: **C4 OF 7** no. du dessin

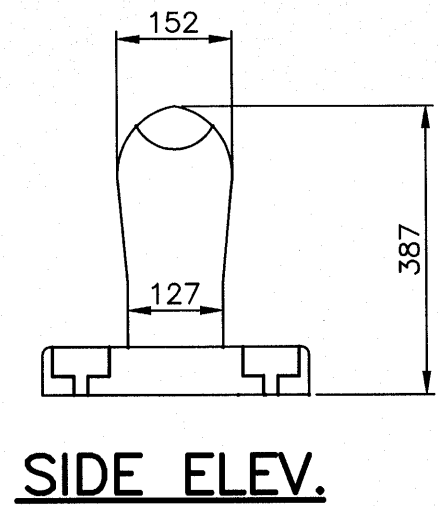


PLAN

SEE DETAILS FOR CLEAT BLOCK DETAILS

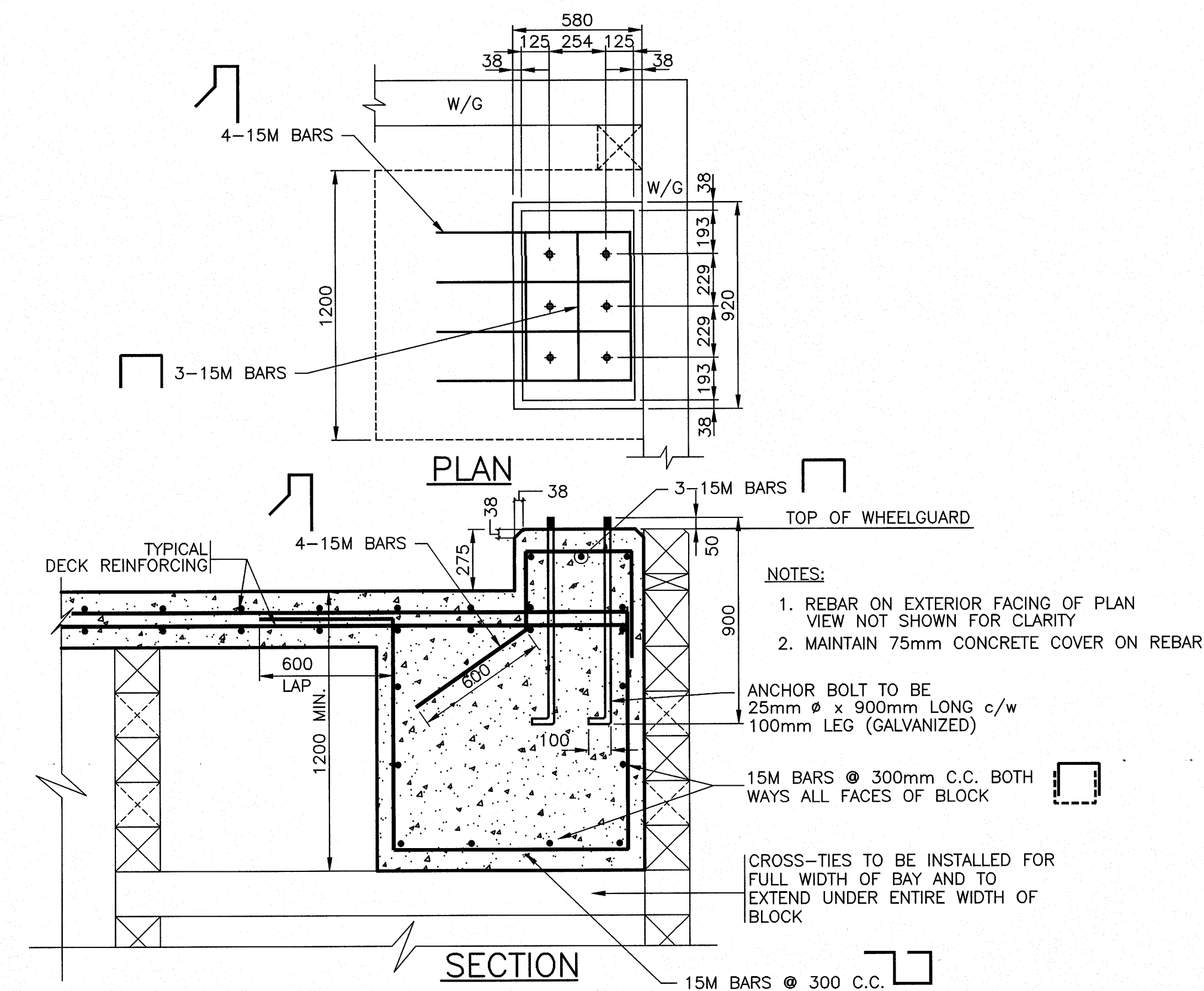
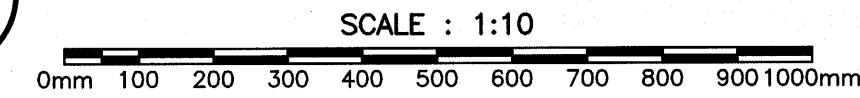


FRONT ELEV.

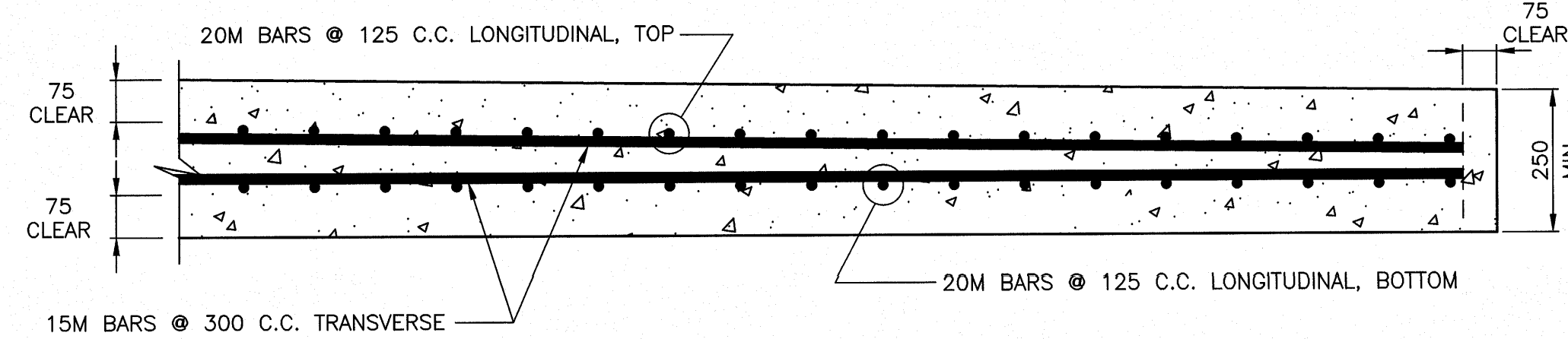
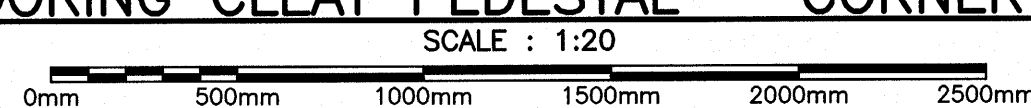


SIDE ELEV.

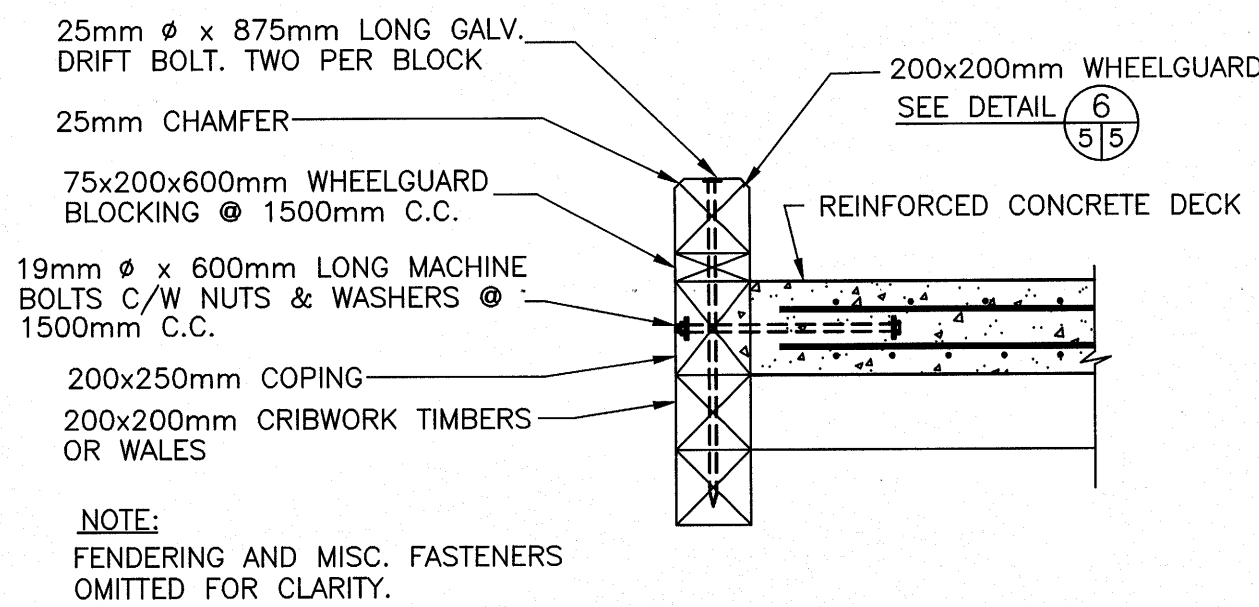
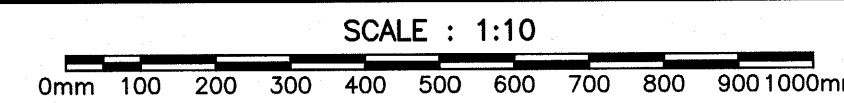
1 TYPE "A" CLEAT  
5 | 5



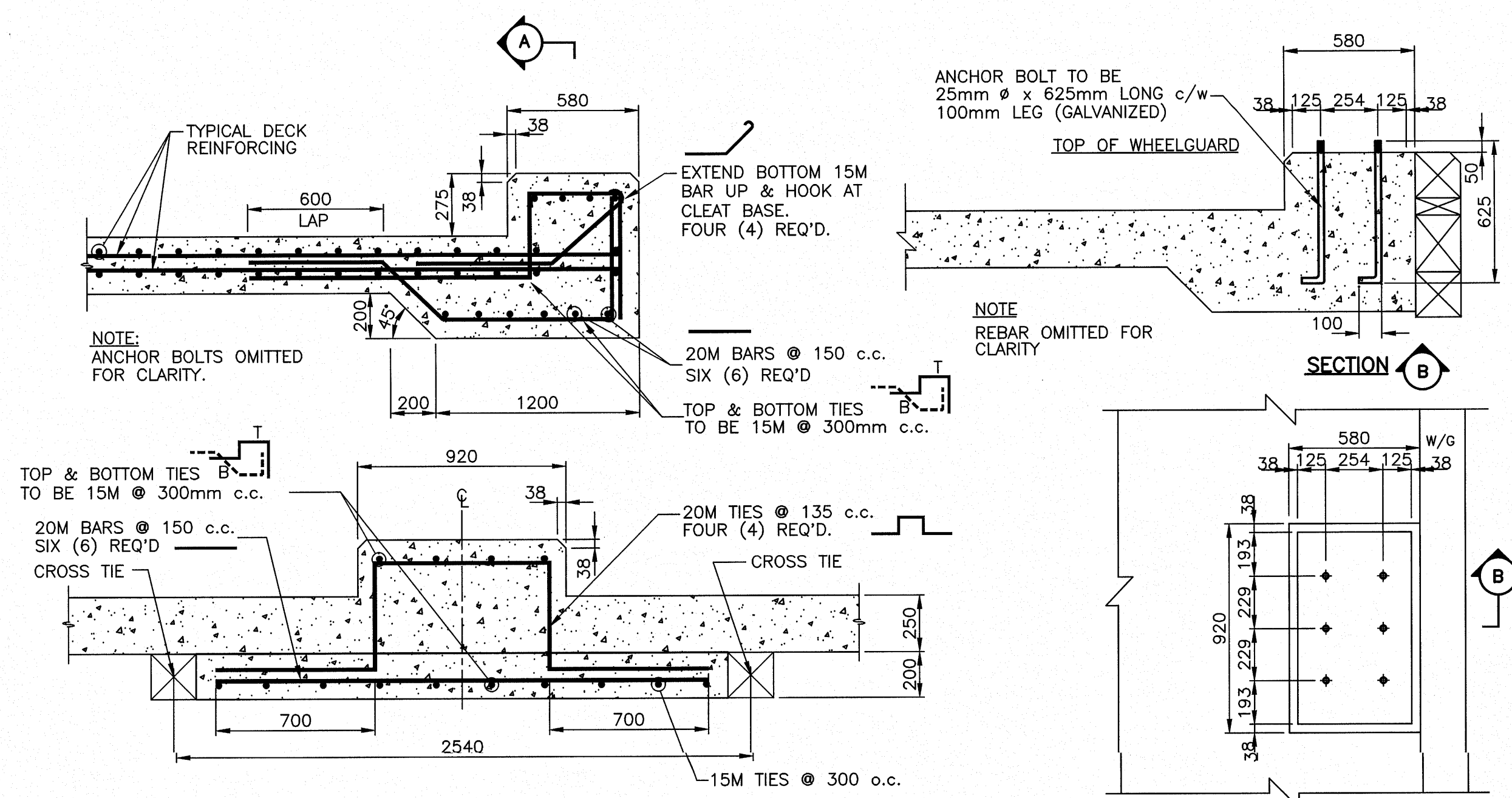
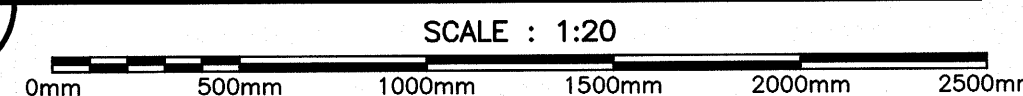
2 TYPE "A" MOORING CLEAT PEDESTAL - CORNER LOCATIONS ONLY (2 REQ'D)  
3 | 5



4 SECTION THROUGH DECK SHOWING REINFORCEMENT  
3 | 5 4 | 5



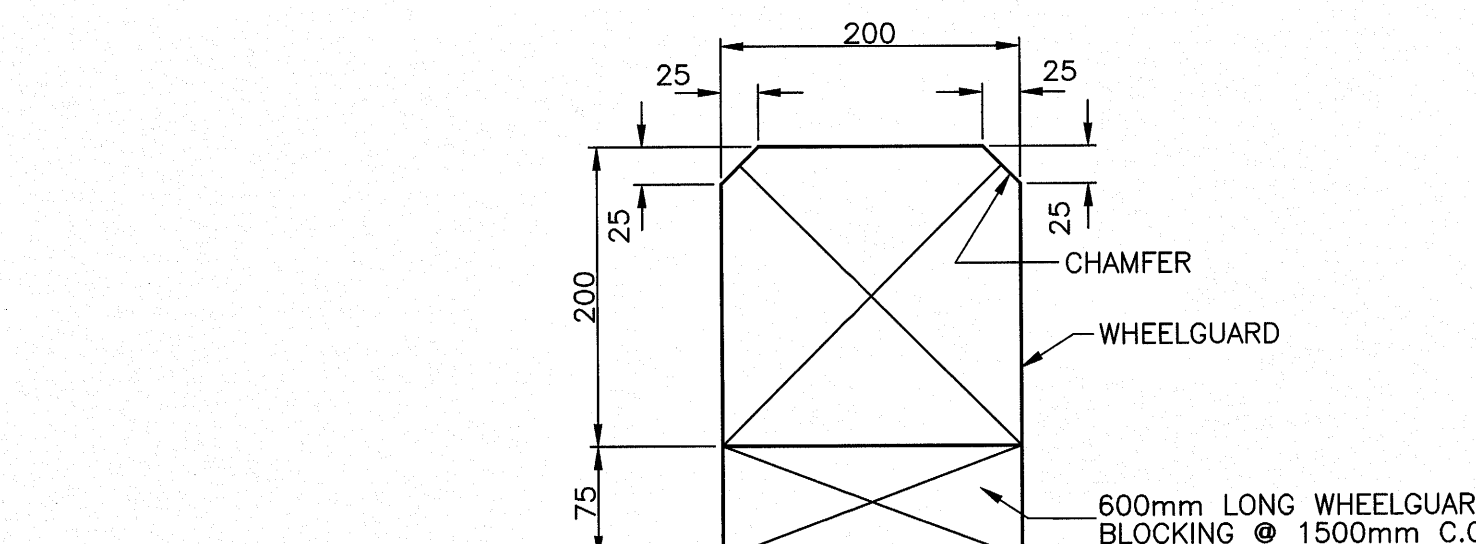
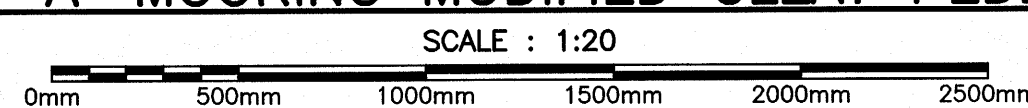
5 WHEELGUARD AND COPING DETAIL  
4 | 5



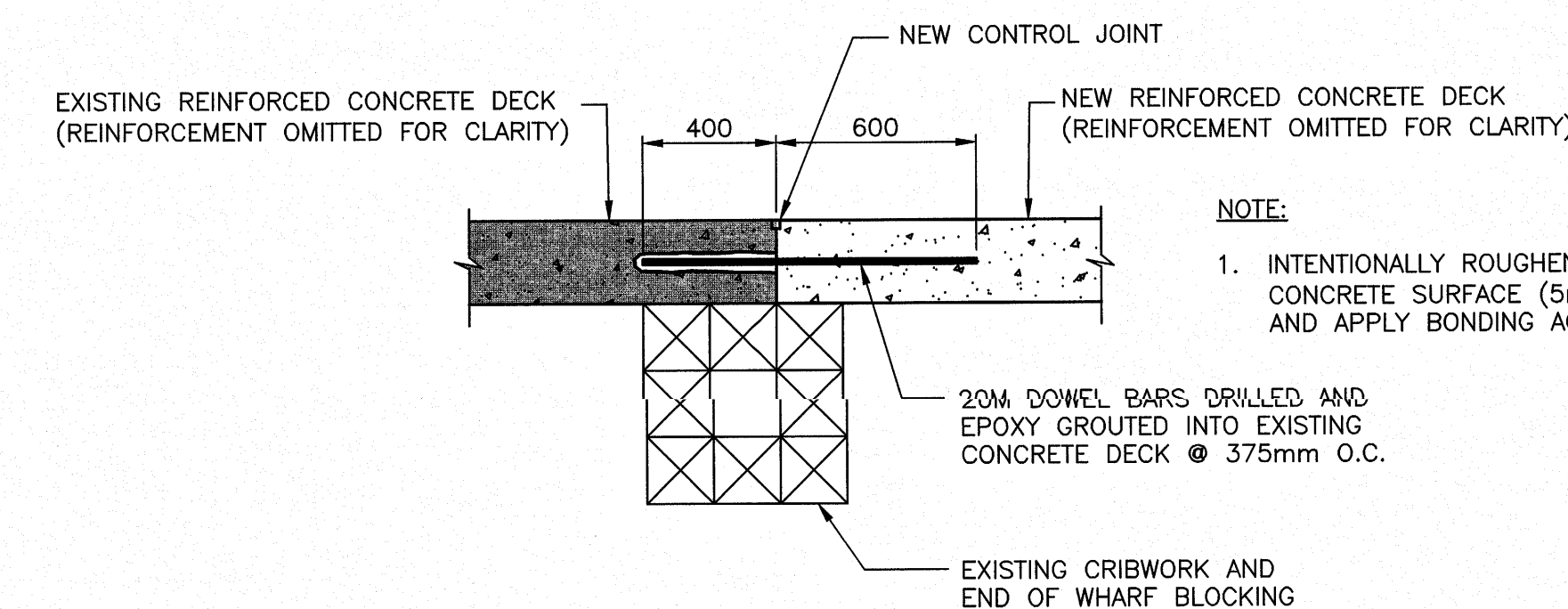
SECTION A REINFORCING DETAILS

ANCHOR BOLT LAYOUT

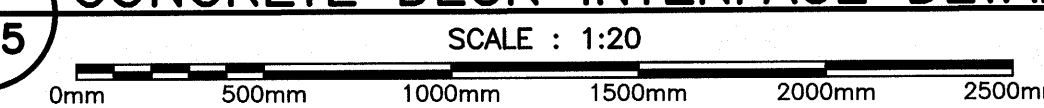
3 TYPE 'A' MOORING MODIFIED CLEAT PEDESTAL DETAIL (4 REQ'D)  
3 | 5



6 WHEELGUARD SECTION  
5 | 5



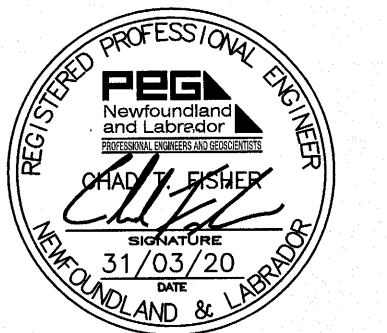
7 CONCRETE DECK INTERFACE DETAIL  
3 | 5



GENERAL NOTES:

- ALL DIMENSIONS IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
- ALL ELEVATIONS IN METERS.
- DO NOT SCALE FROM DRAWINGS, USE DIMENSIONS AS SHOWN.
- 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:
  - A.) STRUCTURAL DECK:
    - 20M = 700mm LAP
    - 15M = 500mm LAP
  - B.) ALL OTHER AREAS:
    - 20M = 850mm LAP
    - 15M = 650mm LAP
- ALL REBAR TO HAVE MIN. COVER OF 75mm UNLESS OTHERWISE NOTED.

SMALL CRAFT HARBOURS



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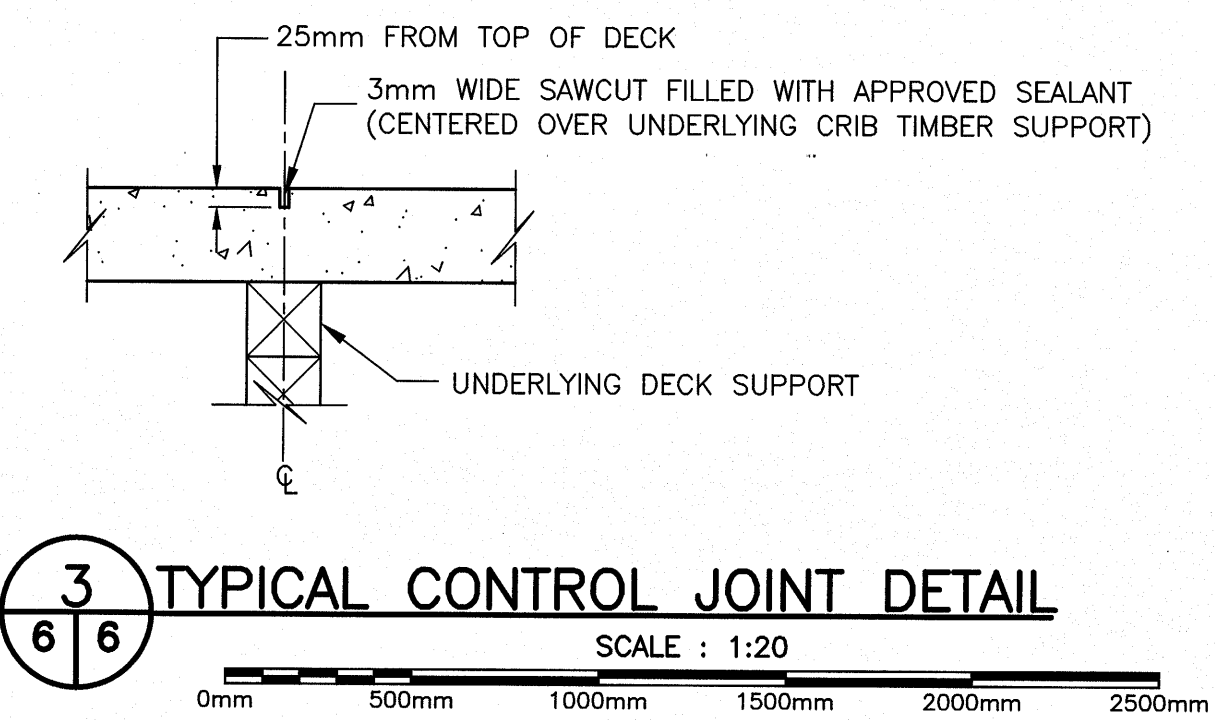
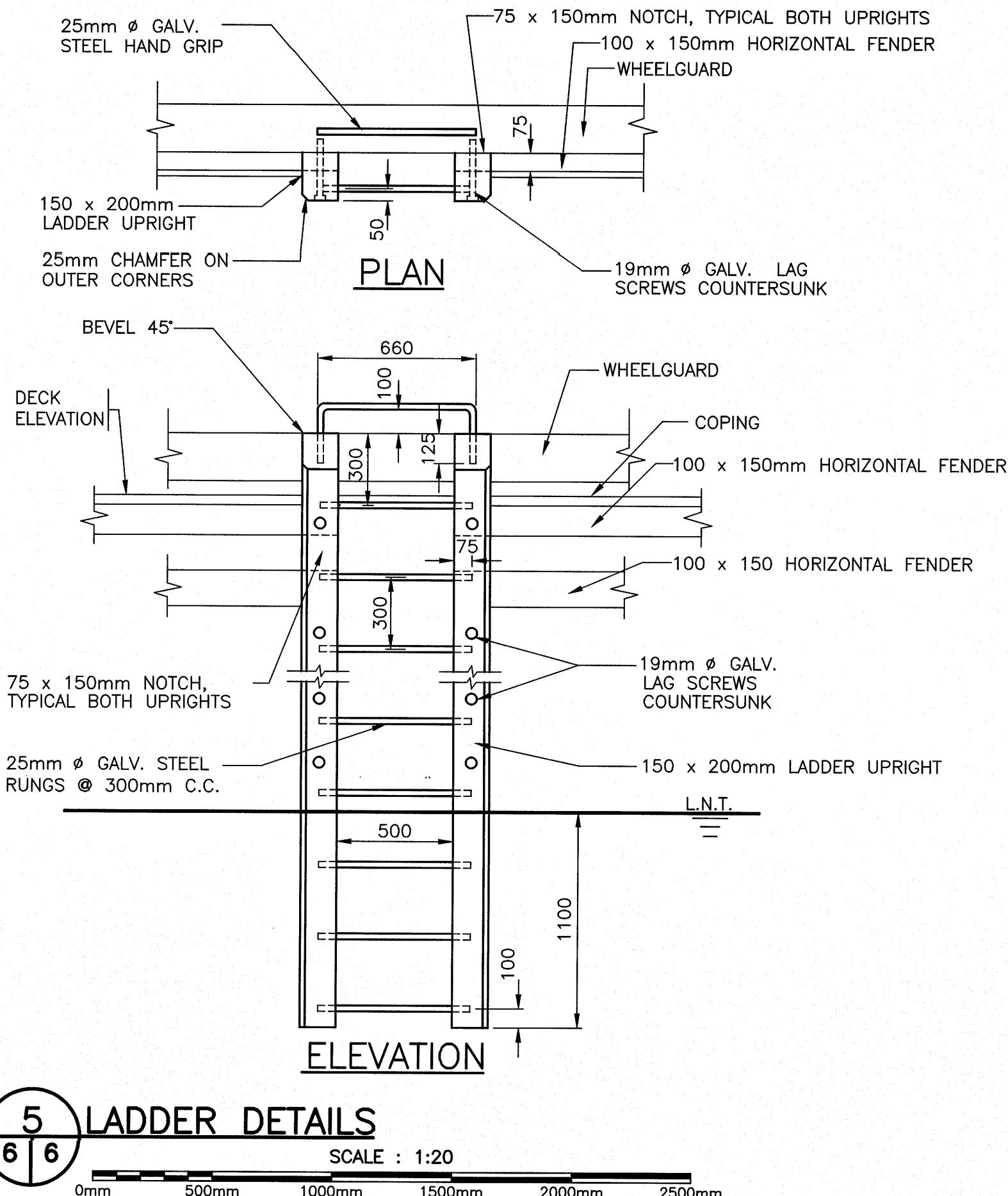
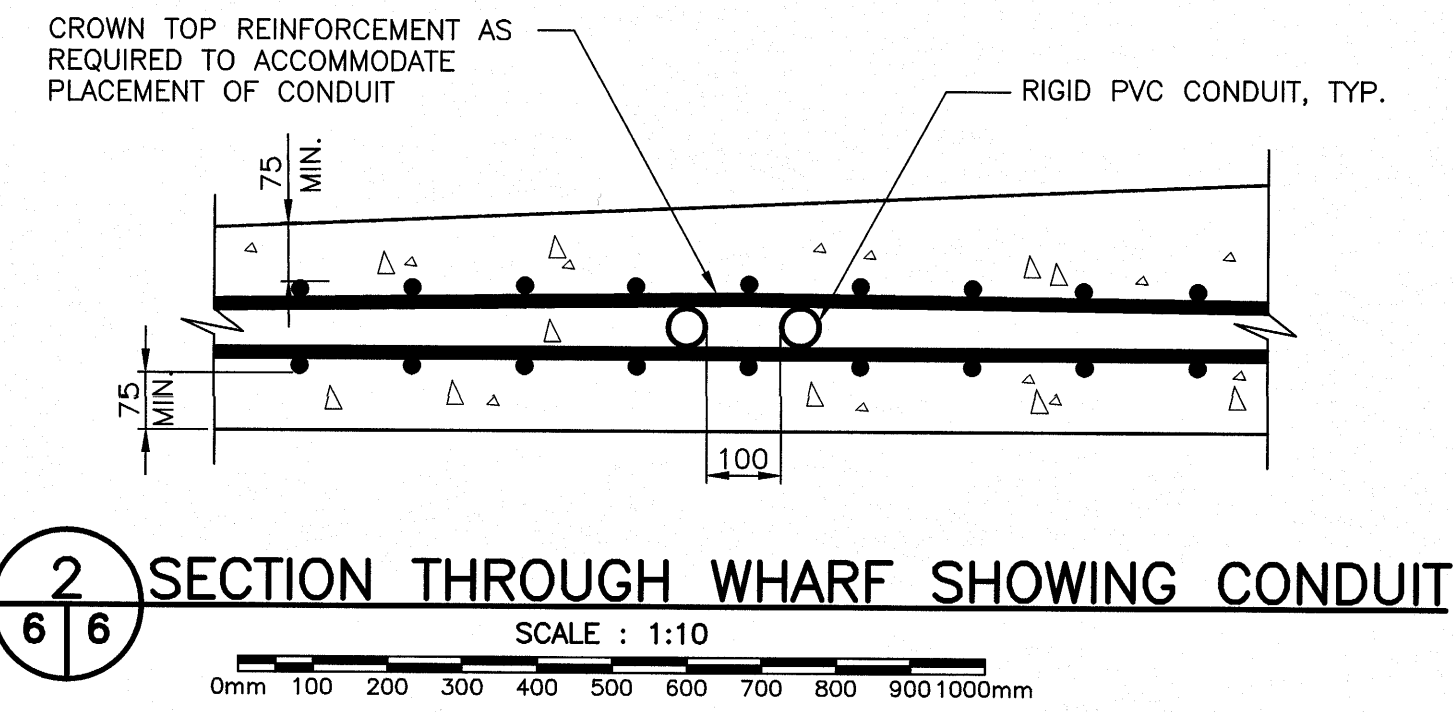
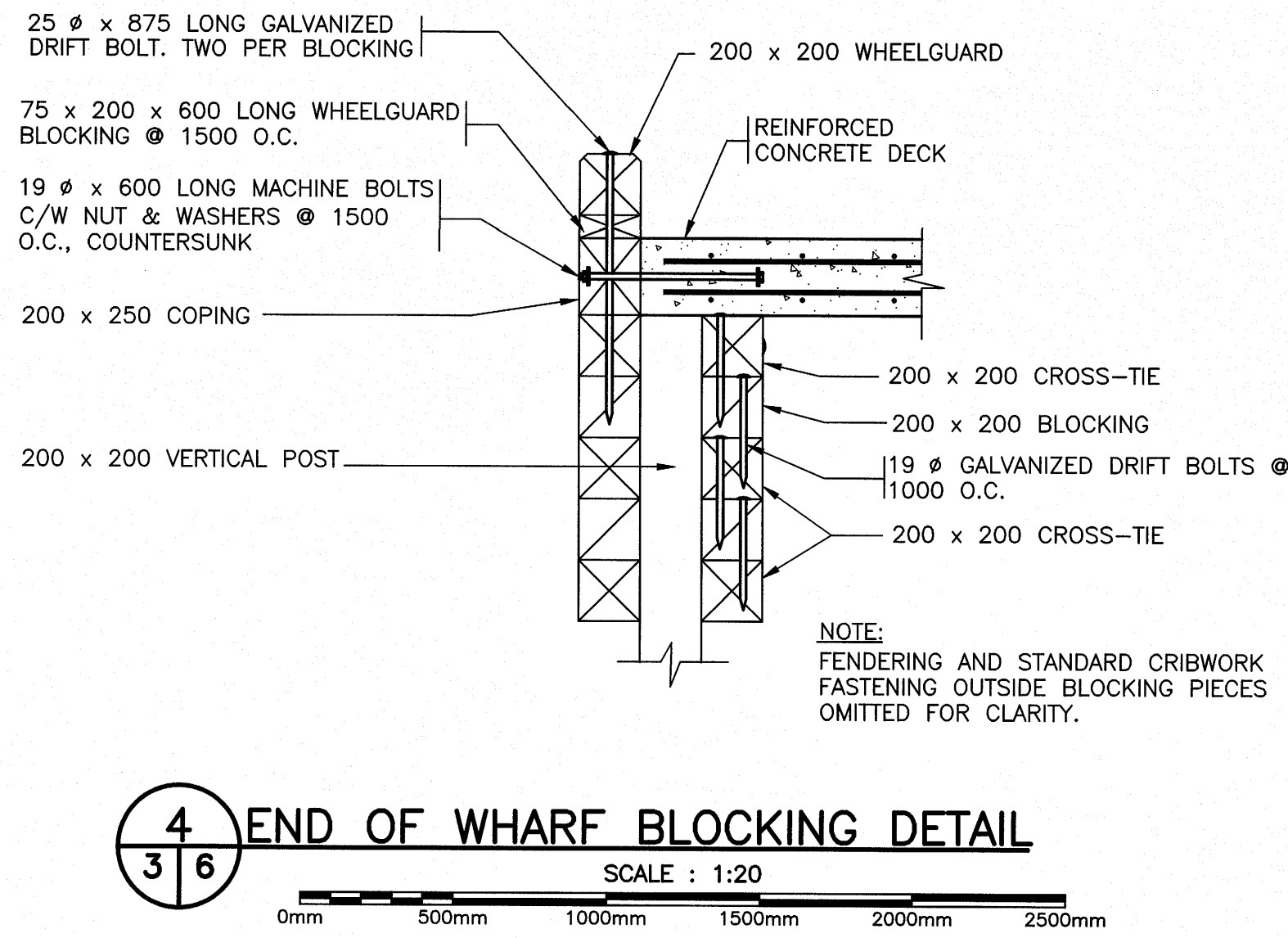
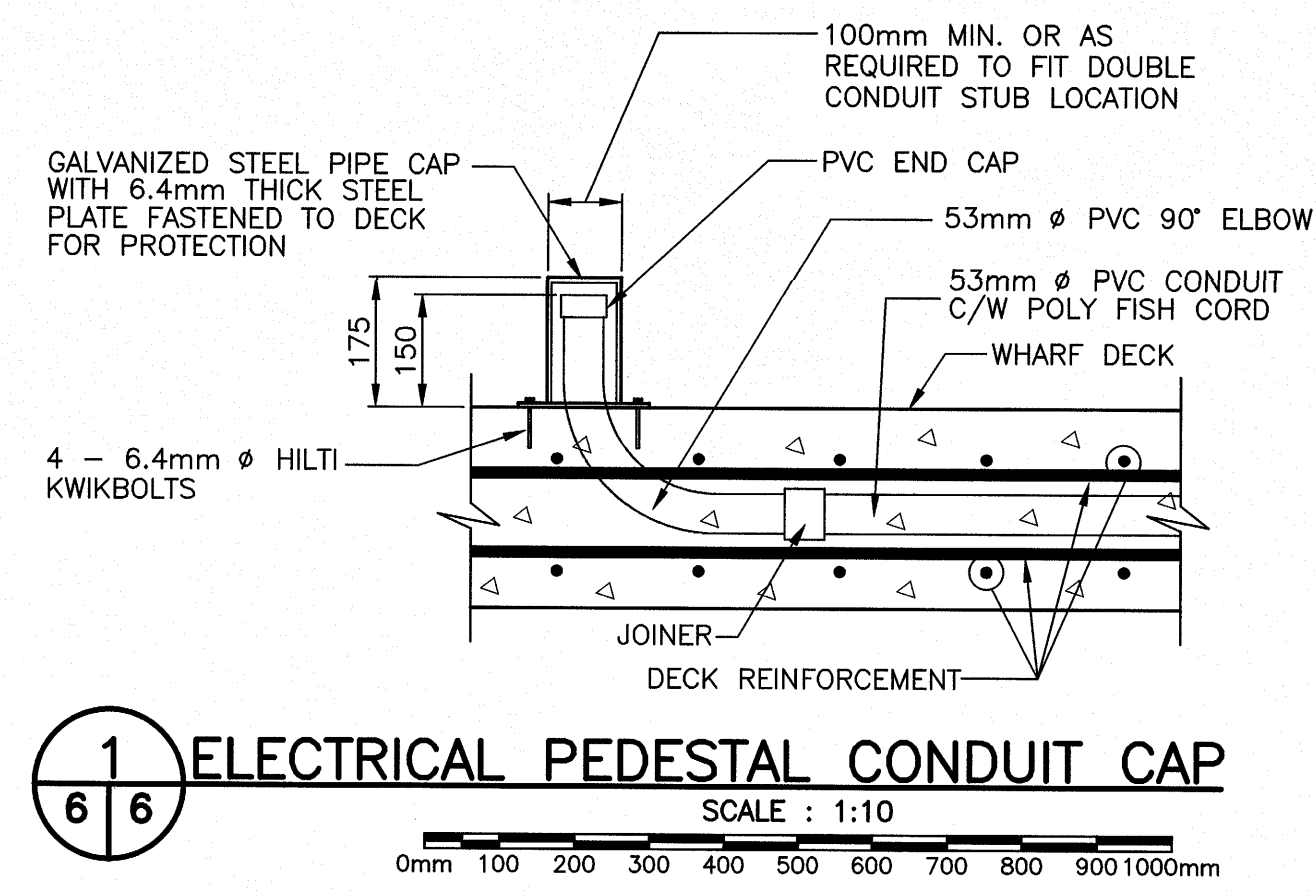
C	ISSUED FOR TENDER	31/03/20
B	ISSUED FOR 66% REVIEW	19/12/19
A	ISSUED FOR 33% REVIEW	19/11/19

revisions	date
project	project

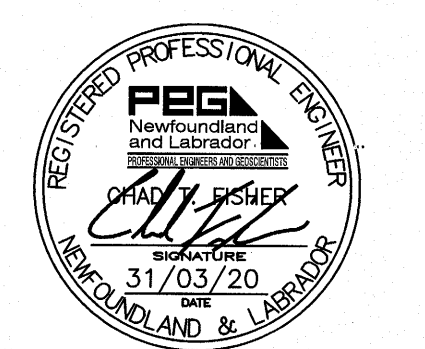
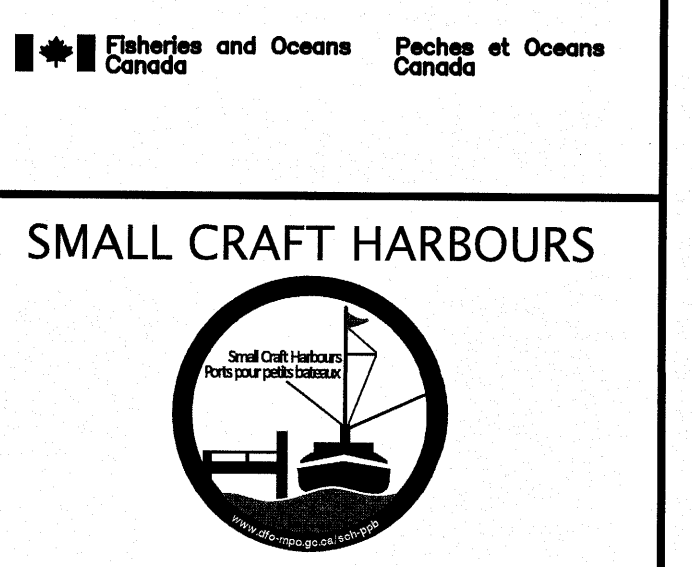
FINGER PIER  
EXTENSION  
OLD PERLICAN, NL

DETAILS  
SHEET 1

designed C. FISHER	conco
date NOVEMBER 2019	
drawn P. MARSH	dessin
date NOVEMBER 2019	
approved	approuvé
date	
Tender <i>Paul Curran</i>	Submission
DFO Project Manager	Administrateur de projets MPD
project number 723229-001	no. du projet
drawing no. C5 OF 7	no. du dessin



- GENERAL NOTES:**
1. ALL DIMENSIONS IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
  2. ALL ELEVATIONS IN METERS.
  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:
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**P.E.G.** PERMIT HOLDER  
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 which is valid for the year 2020.

revisions	date
C	ISSUED FOR TENDER 31/03/20
B	ISSUED FOR 66% REVIEW 19/12/19
A	ISSUED FOR 33% REVIEW 19/11/19

project  
**FINGER PIER EXTENSION**  
**OLD PERLICAN, NL**

drawing  
**DETAILS SHEET 2**

designed **C. FISHER** concu  
 date **NOVEMBER 2019**  
 drawn **P. MARSH** dessin  
 date **NOVEMBER 2019**  
 approved  
 Tender *Paul Curran* Soumission  
 DFO Project Manager Administrateur de projets MPO  
 project number **723229-001** no. du projet  
 drawing no. **C6 OF 7** no. du dessin

