



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

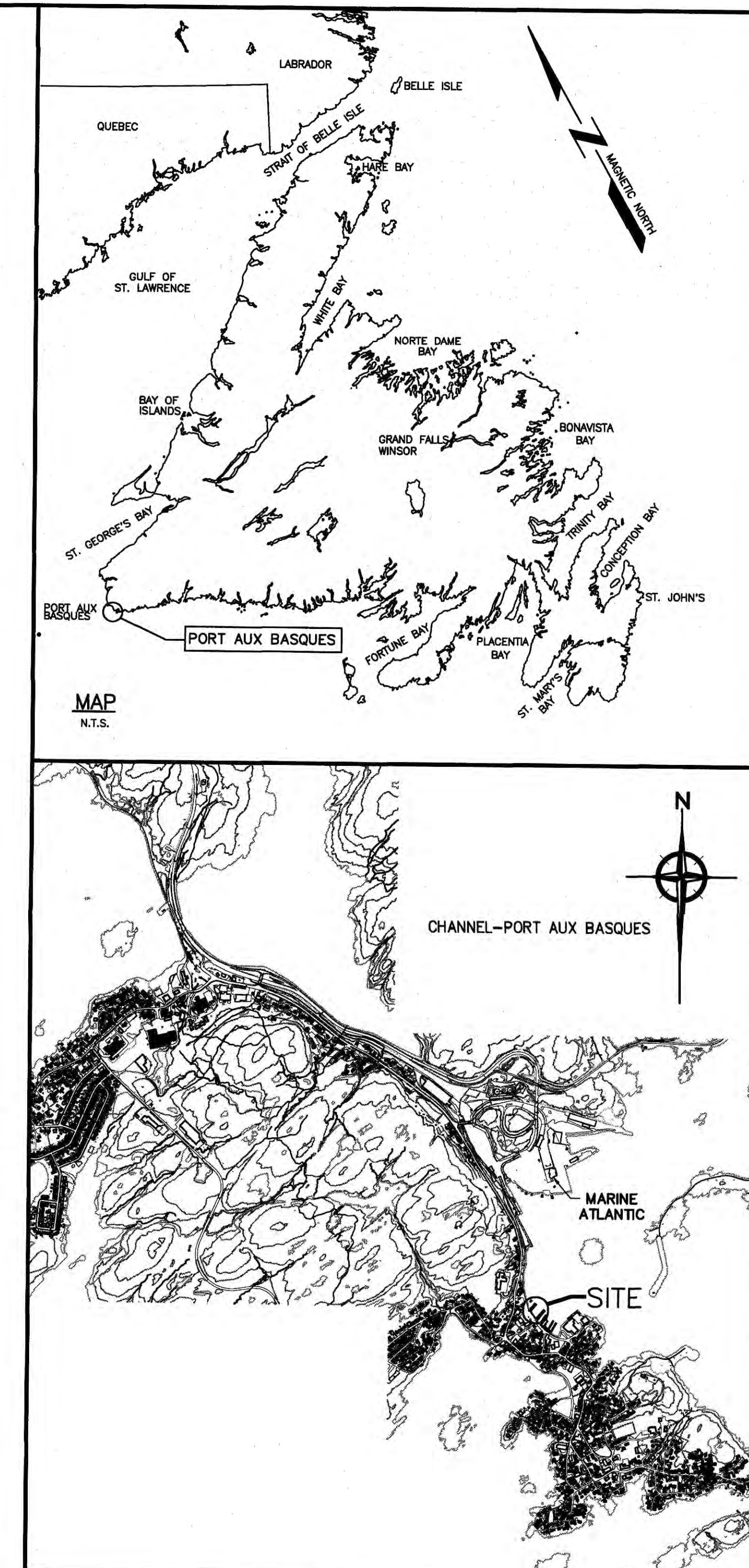
Ports Pour Petits Bateaux

WHARF REPAIRS

Port aux Basques, NL

LONG RANGE MOUNTAINS DISTRICT, NEWFOUNDLAND AND LABRADOR

PROJECT NO. 723030002

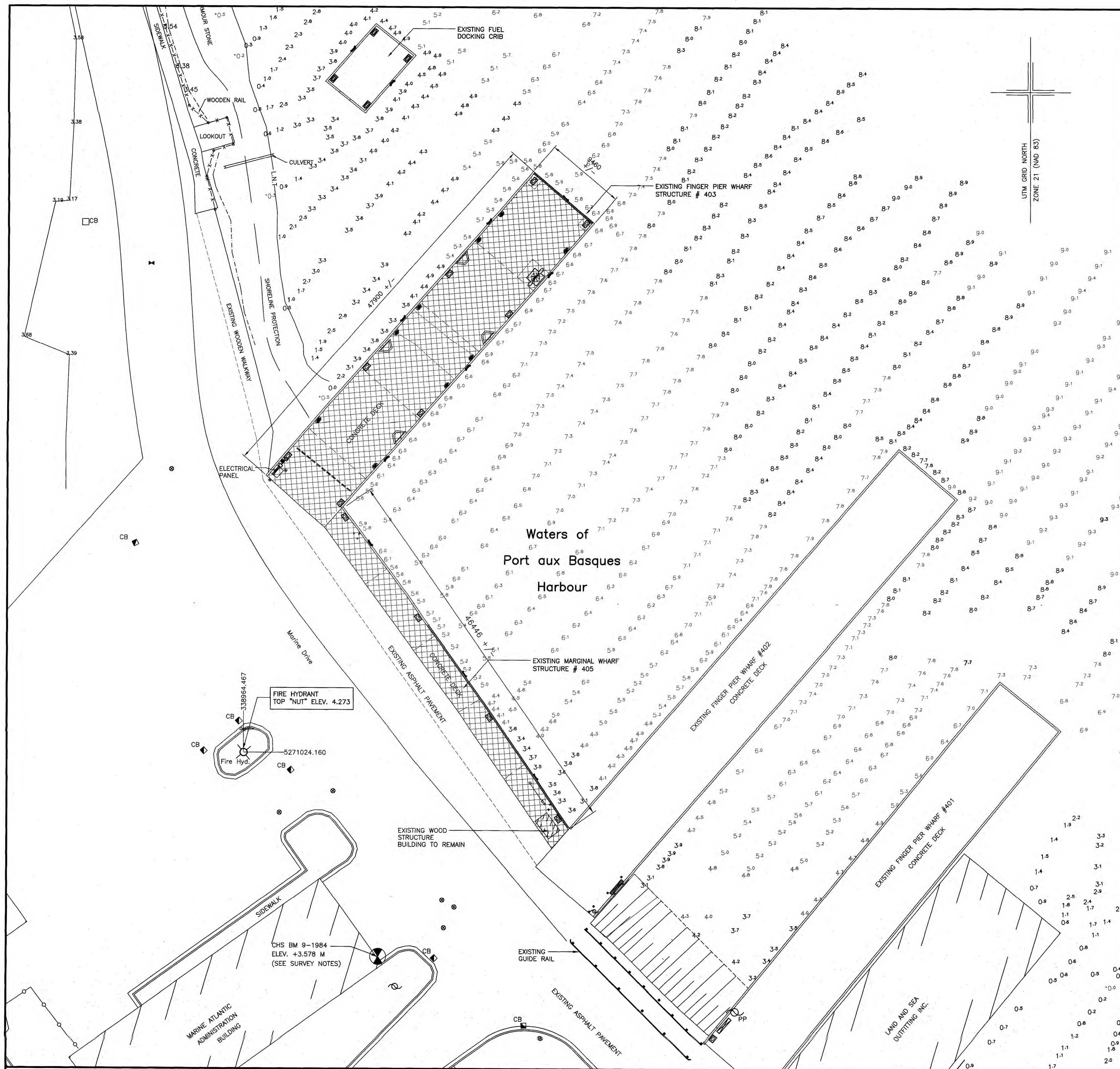


SITE LOCATION MAP (N.T.S.)

DRAWING LIST

DRAWING NO.	TITLE
1 OF 6	EXISTING SITE PLAN
2 OF 6	EXISTING WHARF PLAN AND EXISTING WHARF SECTIONS
3 OF 6	EXISTING WHARF ELEVATIONS
4 OF 6	NEW WHARF PLAN, SECTION AND DETAIL
5 OF 6	NEW WHARF ELEVATIONS
6 OF 6	MISC. SECTIONS AND DETAILS

Canada



SURVEY NOTES

SURVEY PARTY CHIEF RICHARD HEALEY
 SURVEY VESSEL ALUMINUM BOAT
 SURVEY DATE(S) JUNE 28-30, 2016 & DECEMBER 05, 2017

SAUNDER TYPE: SINGLE TRANSDUCER
 SAUNDER SETTING MIN/INST VEL. OF SOUND 1500 m/s
 DEPTH GATE USED N/A FREQ. OF TRANS. 210 KHZ

POSITIONING SYSTEM USED ON THE FLY DGPS
 LAND SURVEY POSITION BY ON THE FLY DGPS

DATA TAPE/DISC(S) USED
 CAD DRAWING FILE(S):

TIDAL REDUCTION SCHEME ON THE FLY DGPS

OFFICE PROCESSOR EDDIE BEARNS
 DATE OF PROCESSING DECEMBER 2017

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

CONTROL POINTS:

PL. NAME	NORTHING	EASTING	CD ELEV	DESCRIPTION
022332	5271140.480	338924.480		BRASS PLAQUE SET IN BEDROCK
092014.001	5271208.768	339077.861	3.026m	BRASS PLAQUE IN CONCRETE DECK
092014.002	5271233.915	339059.485	3.123m	BRASS PLAQUE IN CONCRETE DECK
092014.003	5271271.480	339033.001	2.924m	BRASS PLAQUE IN CONCRETE DECK
BM 9-1984			3.578m	CHS BRASS PLAQUE IN FOUNDATION OF DFO BUILDING

FIRE HYD. 5271024.160 338964.460+4.273 m TOP NUT FIRE HYDRANT

ALL SOUNDINGS & ELEVATIONS IN METRES.
 ALL SOUNDINGS & ELEVATIONS REFERRED TO CHS BM 9-1984 ELEV.+3.578 m (CHS BRASS PLAQUE SET IN FOUNDATION ON DFO BUILDING).
 SOUNDINGS TAKEN USING NAVISOUND 210 ECHO SAUNDER AND POSITIONED BY TRIMBLE R7 GNSS
 DIFFERENTIAL GPS POSITIONING SYSTEM ON JUNE 28, 2016 BY PWGSC SURVEY CREW.
 COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 21, USING THE NORTH AMERICAN DATUM OF 1983(NAD83).
 BAR CHECK AT 1.0 m INTERVALS DOWN TO A DEPTH OF -10.0 m.
 SOUNDINGS WERE REDUCED USING HYPACK MAX VER. 2013"A".
 ALL FIELD NOTES ARE IN PORT AUX BASQUES #51"B".

GENERAL NOTES:

1. ALL DIMENSIONS IN MILLIMETERS.
2. ALL SOUNDINGS & ELEVATIONS IN METERS.
3. CONTRACTOR TO VERIFY ALL DIMENSIONS AND ALL EXISTING SITE CONDITIONS IN THE FIELD. ALL ERRORS AND UNSATISFACTORY CONDITIONS TO BE REPORTED TO THE PROJECT DEPARTMENTAL REPRESENTATIVE.
4. BEFORE SUBMITTING A BID IT IS RECOMMENDED THAT BIDDERS VISIT THE SITE ON HIS OWN TIME AND EXPENSE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS PRIOR TO BIDDING THIS PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM THE PROJECT DEPARTMENTAL REPRESENTATIVE IN WRITING OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE PROJECT DRAWINGS PRIOR TO BIDDING THE PROJECT.
5. ALL DEMOLITION WASTE SHALL BE DISPOSED OF AT AN APPROVED WASTE DISPOSAL FACILITY. CREOSOTE TIMBER MUST BE DISPOSED OF AT NORRIS ARM OR ROBIN HOOD BAY. CONTRACTOR IS RESPONSIBLE FOR PAYING TIPPING FEES AND SHALL PROVIDE THE DEPARTMENTAL REPRESENTATIVE WITH COPIES OF ALL WEIGH BILLS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE WASTE DISPOSAL FACILITY IN ADVANCE TO ENSURE THEY WILL ACCEPT THE MATERIAL TO BE DISPOSED OF.

- LEGEND**
- CB [Symbol] EXISTING CATCH BASIN
 - [Symbol] EXISTING HYDRO POLE
 - [Symbol] SURVEY CONTROL
 - [Symbol] VERTICAL CONTROL
 - 3.8 EXISTING SOUNDINGS
 - [Symbol] EXISTING TYPE "B" CLEAT & BLOCK
 - [Symbol] EXISTING TYPE "A" CLEAT & BLOCK
 - [Symbol] FIRE HYDRANT
 - [Symbol] VALVE
 - [Symbol] EXISTING LADDER
 - [Symbol] EXISTING ELECTRICAL PEDESTAL
 - [Symbol] EXISTING JIB CRANE C/W LIGHT FIXTURES
 - [Symbol] INDICATES EXISTING WHARF TO BE REPAIRED.

Fisheries and Oceans Canada / Pêches et Océans Canada

SMALL CRAFT HARBOURS

PROVINCE OF NEWFOUNDLAND
 PERMIT HOLDER
 ANDERSON ENGINEERING CONSULTANTS LTD.
 To practice Professional Engineering in Newfoundland and Labrador, Permit No. as issued by AEGON.0002, which is valid for the year 2019.

REGISTERED PROFESSIONAL ENGINEER
 W. J. ANDERSON
 PROVINCE OF NEWFOUNDLAND

revisions	date	project
0	ISSUED FOR TENDER	06/17/19

WHARF REPAIRS PORT AUX BASQUES

EXISTING SITE PLAN

designed W.J. ANDERSON concu
 date JUNE 2019
 drawn R.S.H. desine
 date JUNE 2019
 approved [Signature] approve

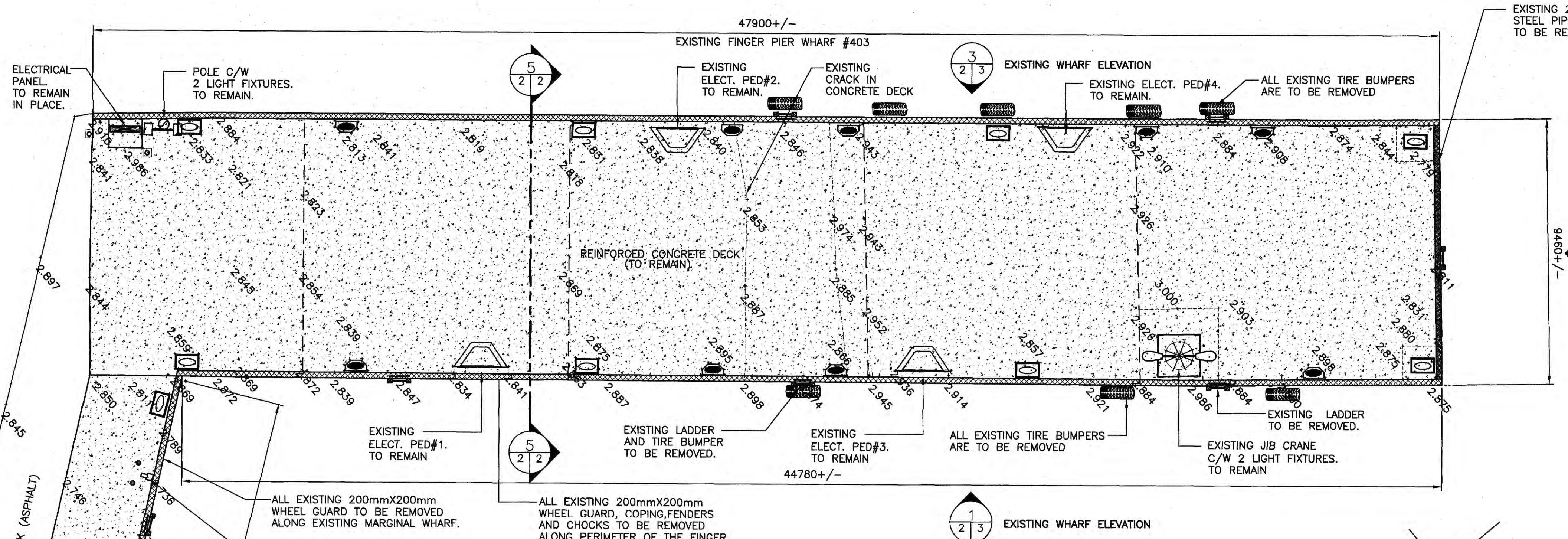
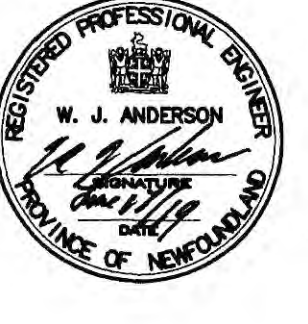
Tender: [Signature] Submission
 DFO Project Manager
 project number 723030002
 no. du projet
 drawing no. 1 of 6

EXISTING SITE PLAN
 SCALE: 1:200
 0m 5m 10m 15m 20m 25m

SMALL CRAFT HARBOURS



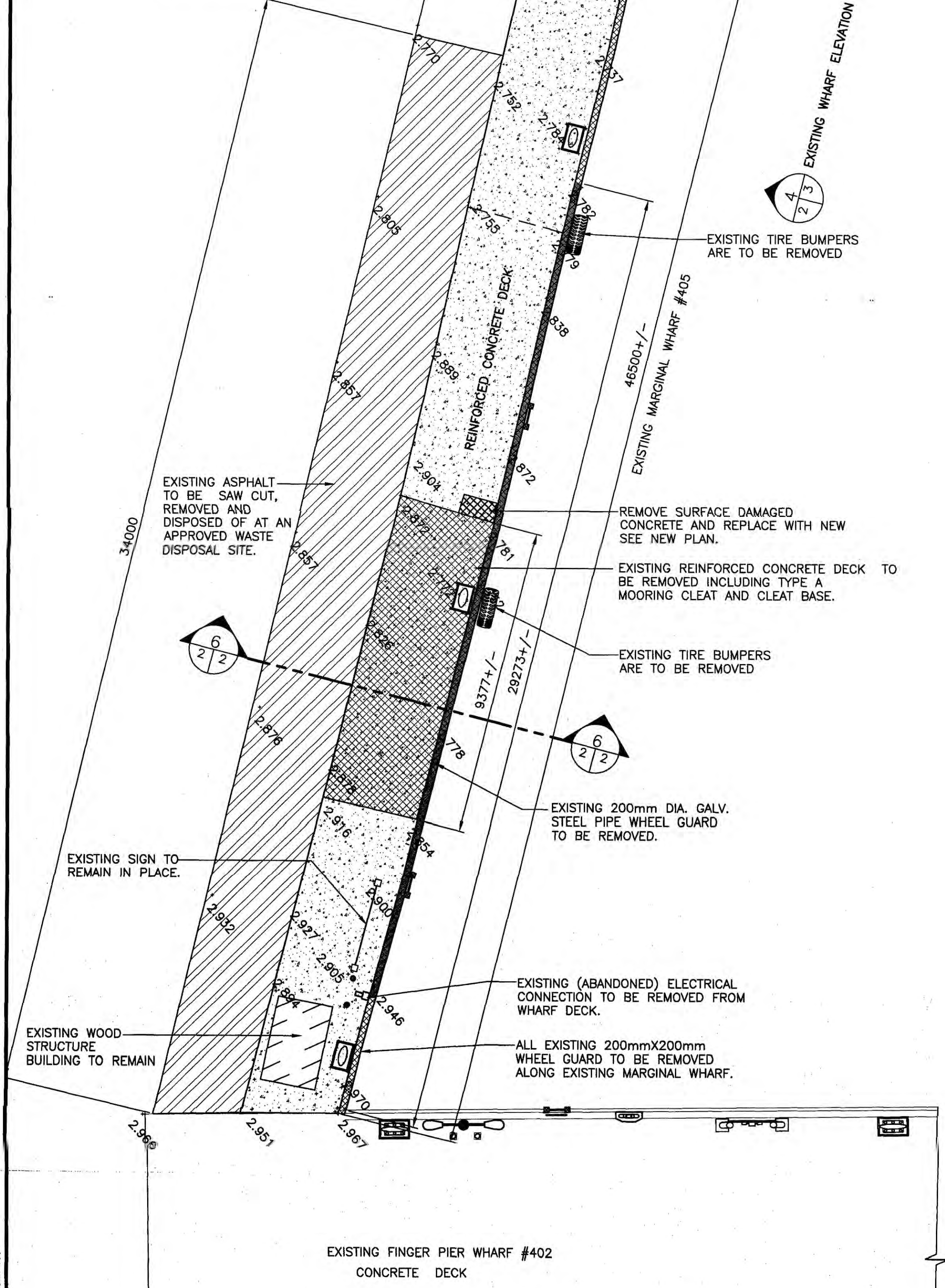
PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
 This Permit Allows
 ANDERSON ENGINEERING CONSULTANTS LTD.
 To practice Professional Engineering
 in Newfoundland and Labrador.
 Permit No. as Issued by APEGL R0022...
 which is valid for the year 2019...



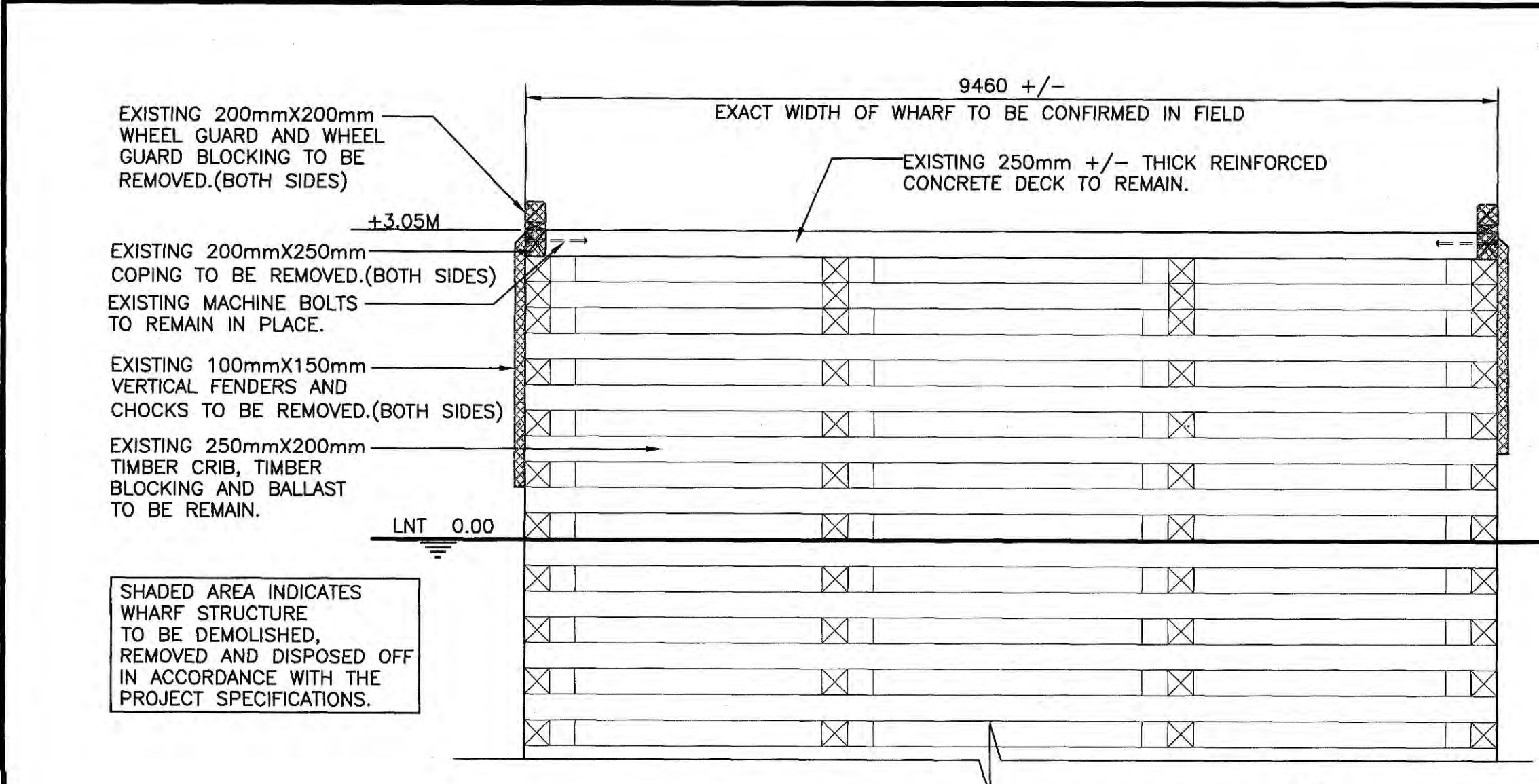
- LEGEND**
- C.I.F CONFIRM IN FIELD
 - L.N.T LOW NORMAL TIDE
 - EXISTING HYDRO POLE
 - VERTICAL CONTROL
 - EXISTING GRADE
 - EXISTING TYPE "B1" CLEAT & BLOCK (TO REMAIN)
 - EXISTING TYPE "A" CLEAT & BLOCK (TO REMAIN)
 - EXISTING ELECTRICAL PEDESTALS (TO REMAIN)
 - EXISTING LADDER (TO REMAIN)
 - EXISTING POLE C/W 2 LIGHT FIXTURES. (TO REMAIN)
 - INDICATED ABANDONED ELECTRICAL CONNECTION. (TO BE REMOVED)
 - INDICATES EXISTING PIPE WHEEL GUARD (TO BE REMOVED)
 - INDICATES EXISTING REINFORCED CONCRETE DECK
 - INDICATES EXPANSION JOINTS
 - INDICATES AREA OF EXISTING WHEEL GUARD, WHEEL GUARD BLOCKING, COPING, VERTICAL FENDERS AND CHOCKS TO BE REMOVED.
 - INDICATES EXISTING TIRE BUMPER LOCATIONS. REMOVE ALL EXISTING TIRES DURING DEMOLITION.
 - INDICATES EXISTING REINFORCED CONCRETE DECK TO BE REMOVED
 - INDICATES EXISTING ASPHALT PAVEMENT TO BE REMOVED

NOTE:
 THE CONTRACTOR TO REMOVE ANY DAMAGED OR PROTRUDING STEEL ANGLE ALONG THE BACK EDGE OF THE EXISTING CONCRETE DECK. CONFIRM WITH ON SITE DEPARTMENTAL REPRESENTATIVE.

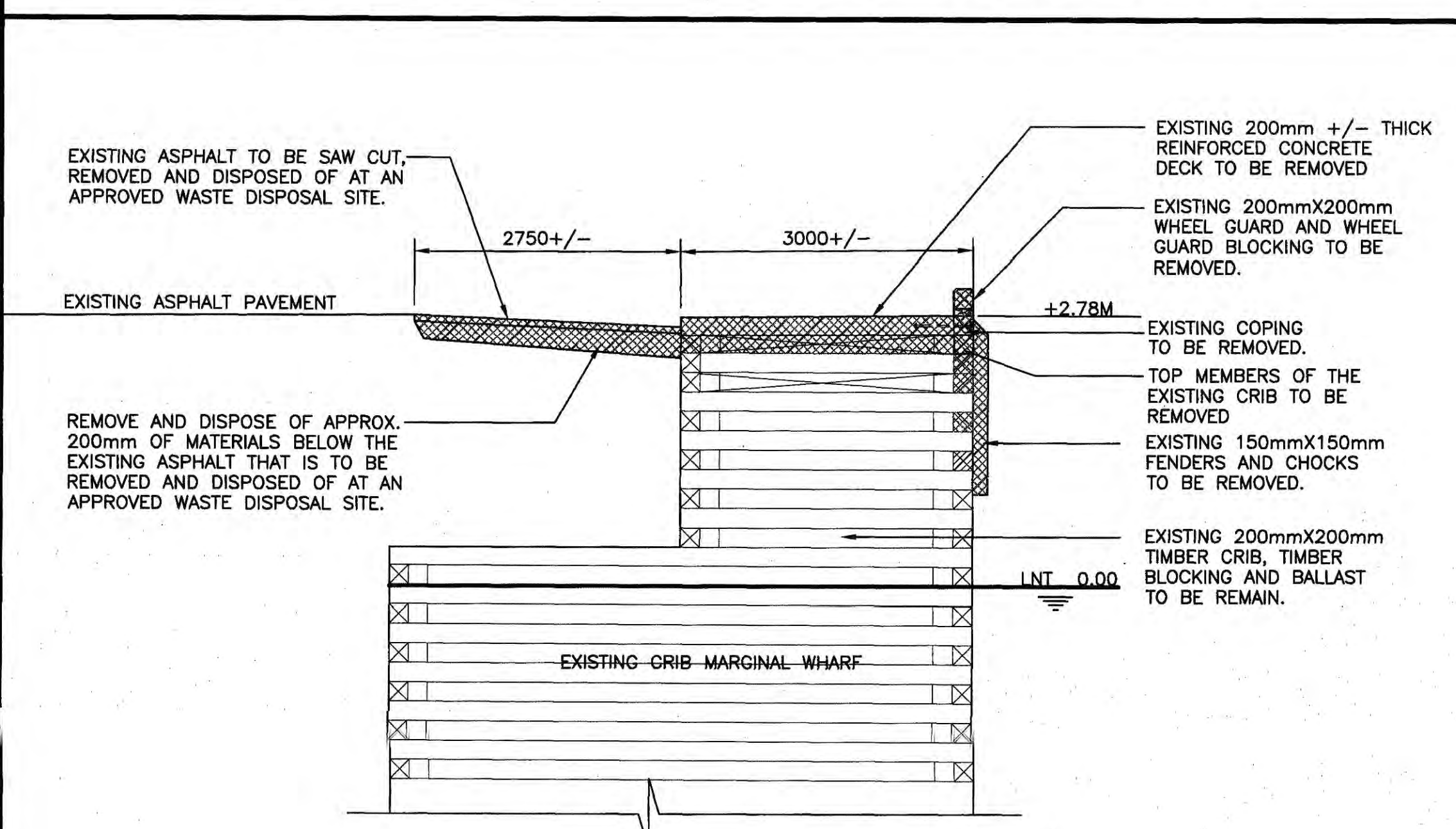
Waters of
 Port aux Basques
 Harbour



EXISTING WHARF PLAN
 SCALE : 1:100



EXISTING WHARF SECTION 5
 SCALE: 1:50



EXISTING WHARF SECTION 6
 SCALE: 1:50

0	ISSUED FOR TENDER	06/17/19
---	-------------------	----------

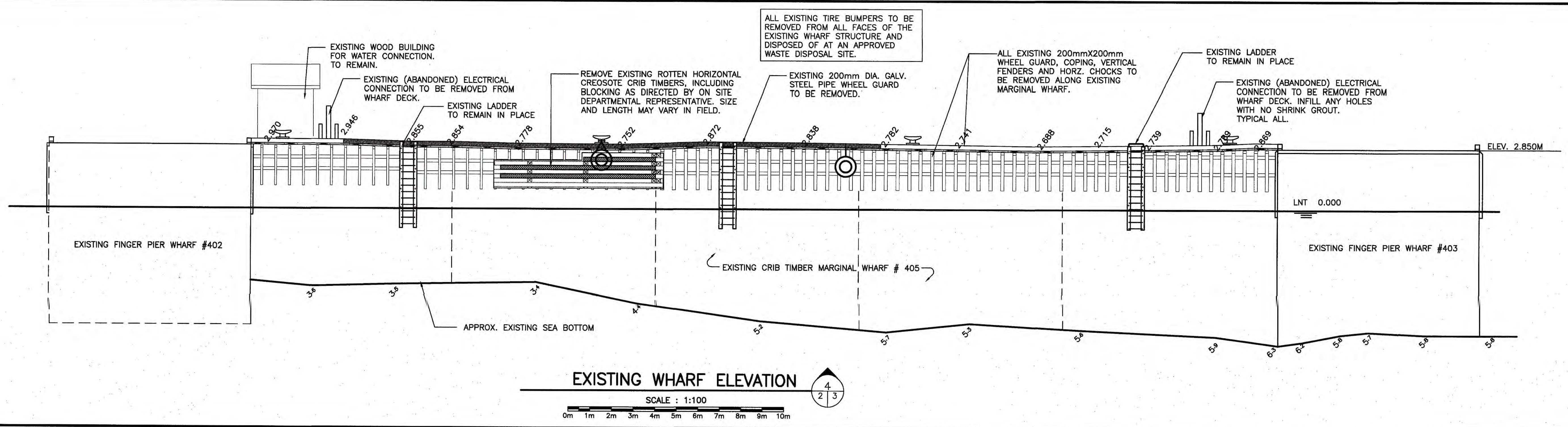
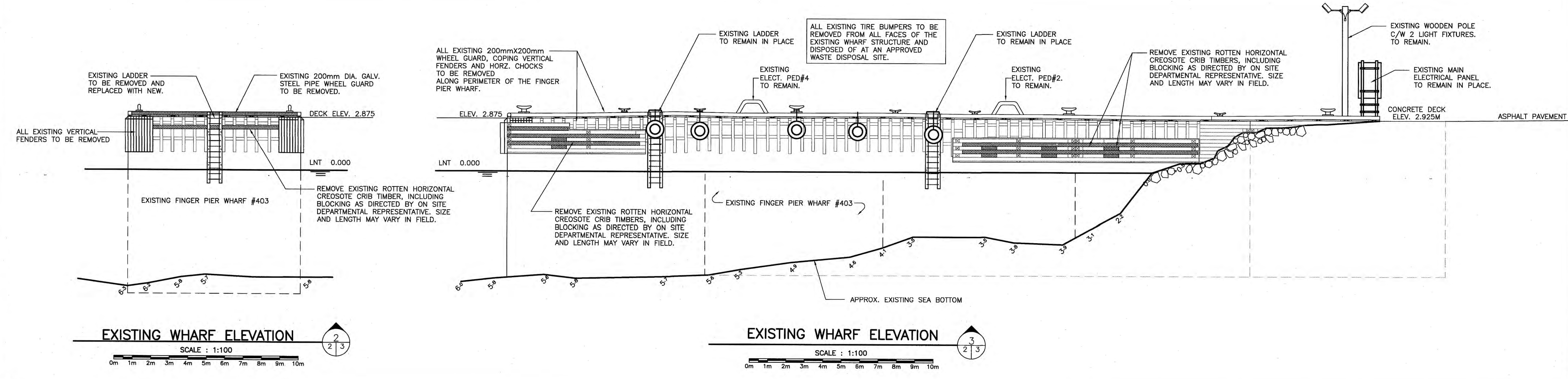
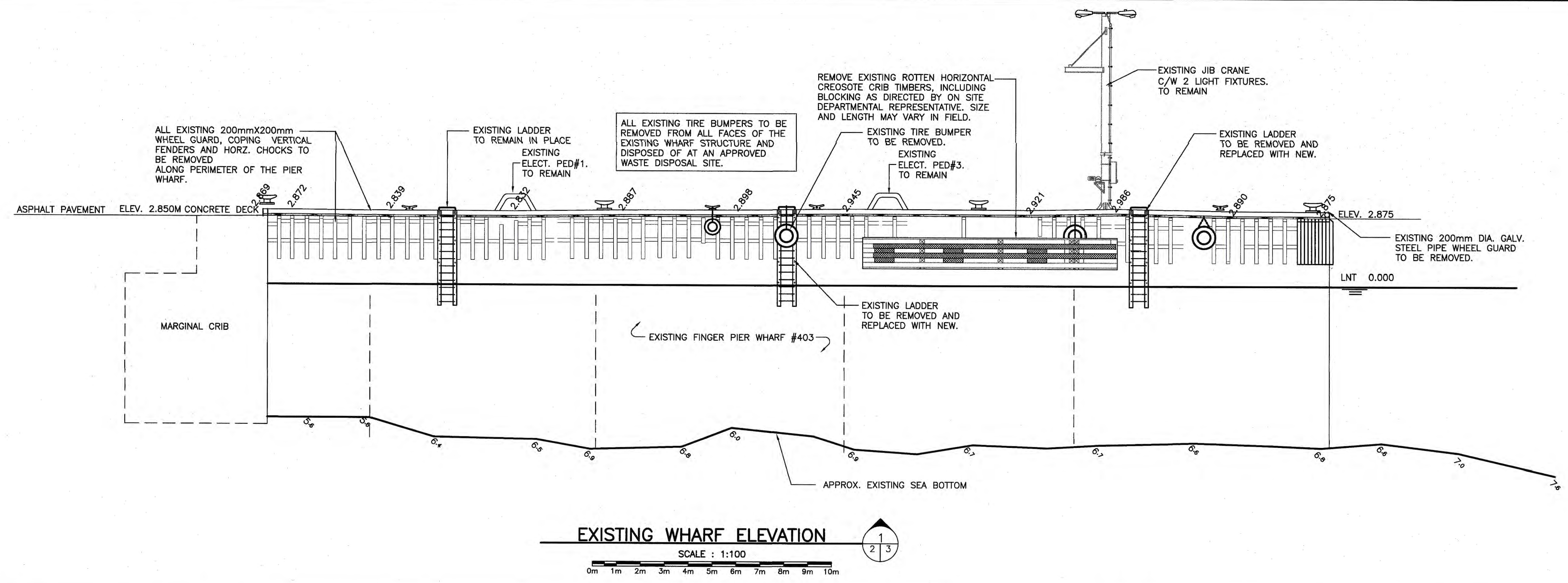
WHARF REPAIRS
 PORT AUX BASQUES

EXISTING WHARF PLAN AND EXISTING WHARF SECTIONS

designed	W.J. ANDERSON	concu
date	JUNE 2019	
drown	R.S.H	desaine
date	JUNE 2019	
approved		approve
Tender	Paul Curran	Sourmission
DFD Project Manager		
project number	723030002	no. du projet
drawing no.		no. du dessin



PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
 This Permit Allows
 ANDERSON ENGINEERING CONSULTANTS LTD.
 To practice Professional Engineering
 in Newfoundland and Labrador,
 Permit No. 66 issued by APEGL 80092,
 which is valid for the year 2019.



0	ISSUED FOR TENDER	06/17/19
revisions		date
project	WHARF REPAIRS	
	PORT AUX BASQUES	
drawing	EXISTING WHARF ELEVATIONS	
designed	W.J. ANDERSON	concu
date	JUNE 2019	
drawn	R.S.H	dessine
date	JUNE 2019	
approved		approuve
Tender	Paul Curran	Sourmission
DFD Project Manager		
project number	723030002	no. du projet
drawing no.	3 of 6	no. du dessin

SMALL CRAFT HARBOURS

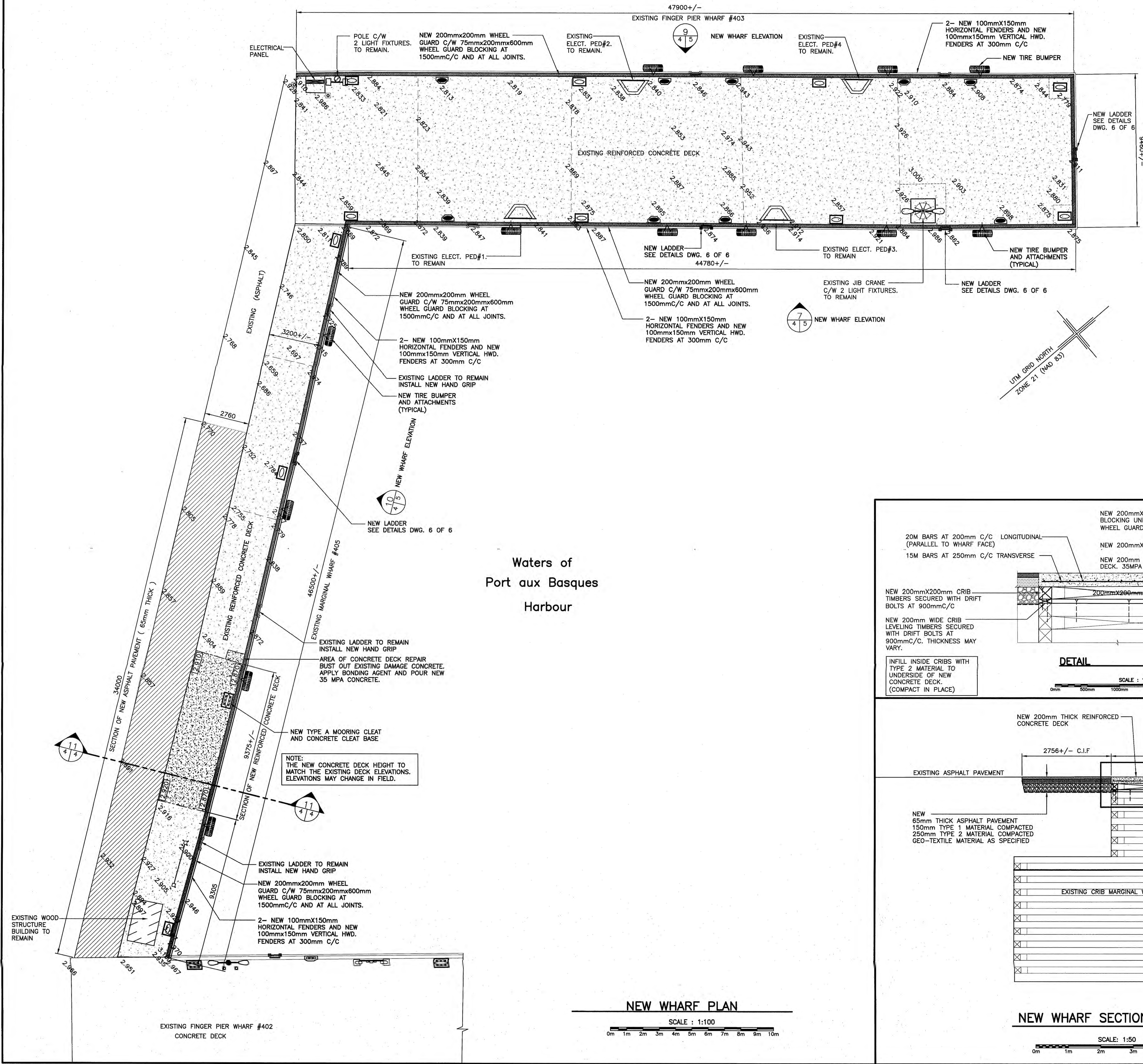


PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
 This Permit Allows
 ANDERSON ENGINEERING CONSULTANTS LTD.
 To practice Professional Engineering
 in Newfoundland and Labrador.
 Permit No. as issued by APECN 80092.
 which is valid for the year 2019.



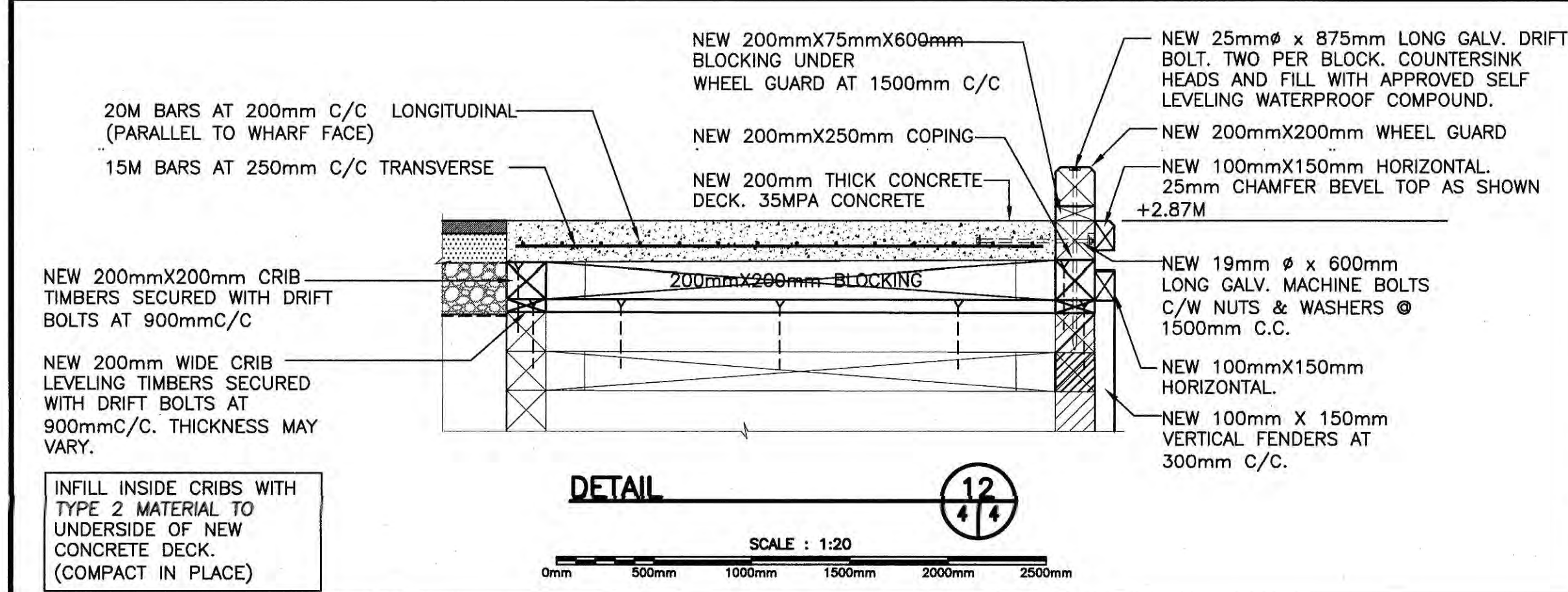
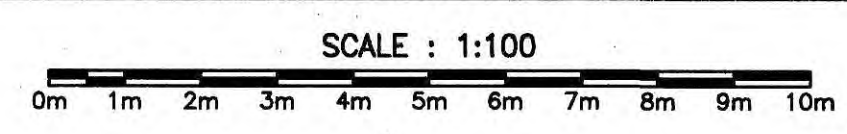
LEGEND

- C.I.F CONFIRM IN FIELD
- L.N.T LOW NORMAL TIDE
- EXISTING HYDRO POLE
- VERTICAL CONTROL
- EXISTING GRADE
- EXISTING TYPE "B1" CLEAT & BLOCK (TO REMAIN)
- EXISTING TYPE "A" CLEAT & BLOCK (TO REMAIN)
- EXISTING ELECTRICAL PEDESTALS (TO REMAIN)
- EXISTING LADDERS / NEW WHEEL GUARD HANDGRIPS
- EXISTING POLE C/W 2 LIGHT FIXTURES. (TO REMAIN)
- INDICATED ABANDONED ELECTRICAL CONNECTION. (TO BE REMOVED)
- INDICATES NEW WHEEL GUARD
- INDICATES EXISTING REINFORCED CONCRETE DECK
- INDICATES NEW REINFORCED CONCRETE DECK
- INDICATES EXISTING CONTROL JOINTS
- INDICATES NEW CONSTRUCTION JOINTS
- INDICATES NEW TIRE BUMPER
- INDICATES NEW LADDERS AND HANDGRIPS
- INDICATES NEW ASPHALT PAVEMENT
- INDICATES LOCATION OF NEW TYPE "A" MOORING CLEAT

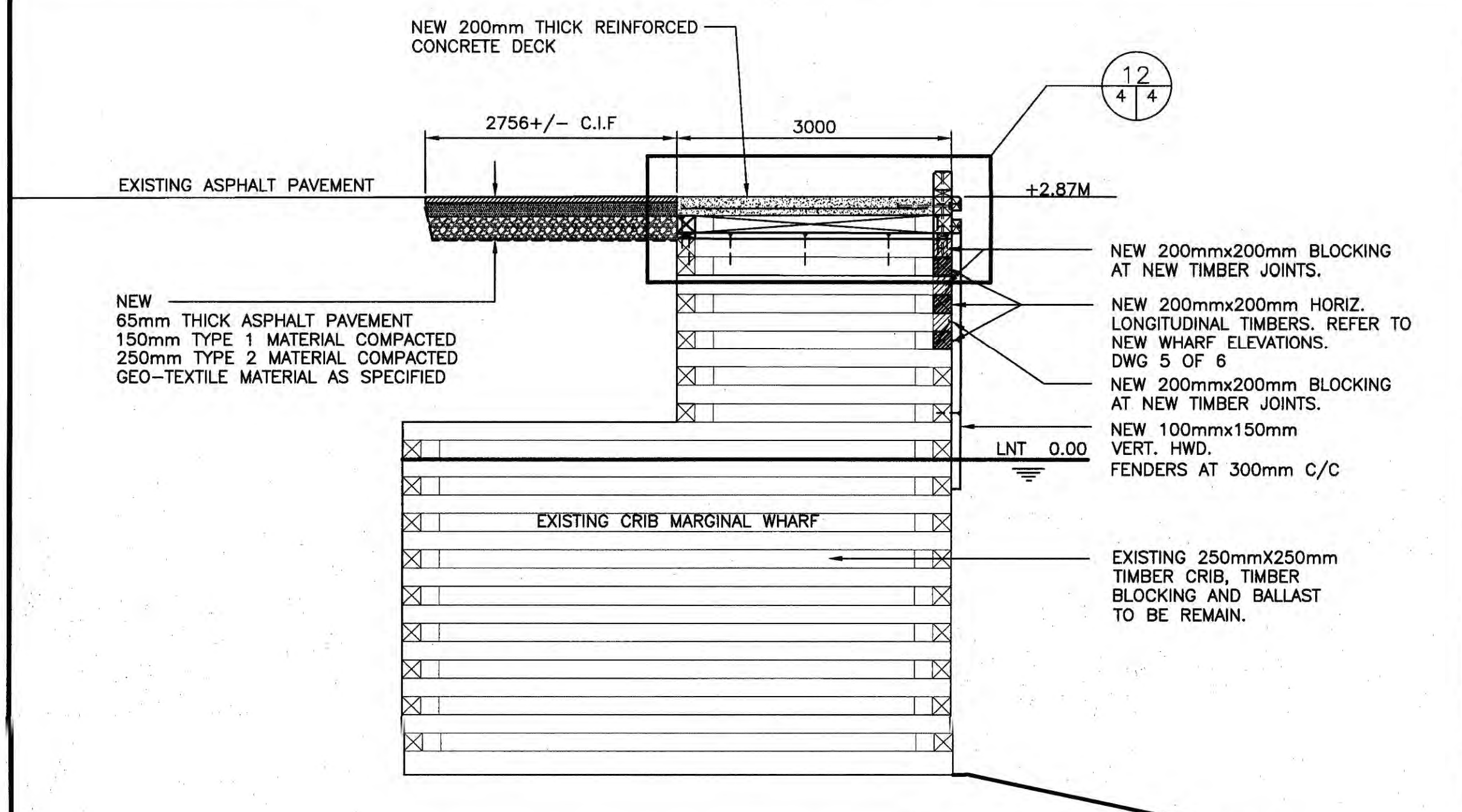
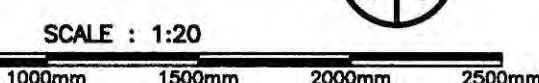


Waters of
 Port aux Basques
 Harbour

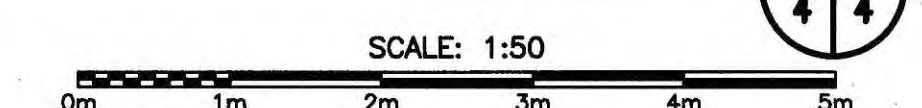
NEW WHARF PLAN



DETAIL



NEW WHARF SECTION



0	ISSUED FOR TENDER	06/17/19
revisions		date

**WHARF REPAIRS
 PORT AUX BASQUES**

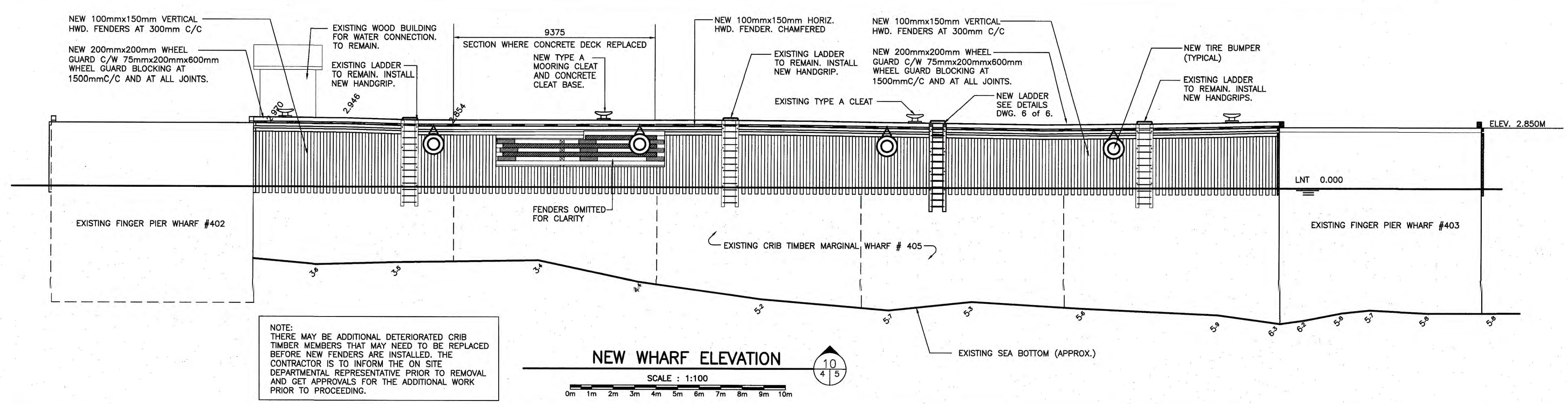
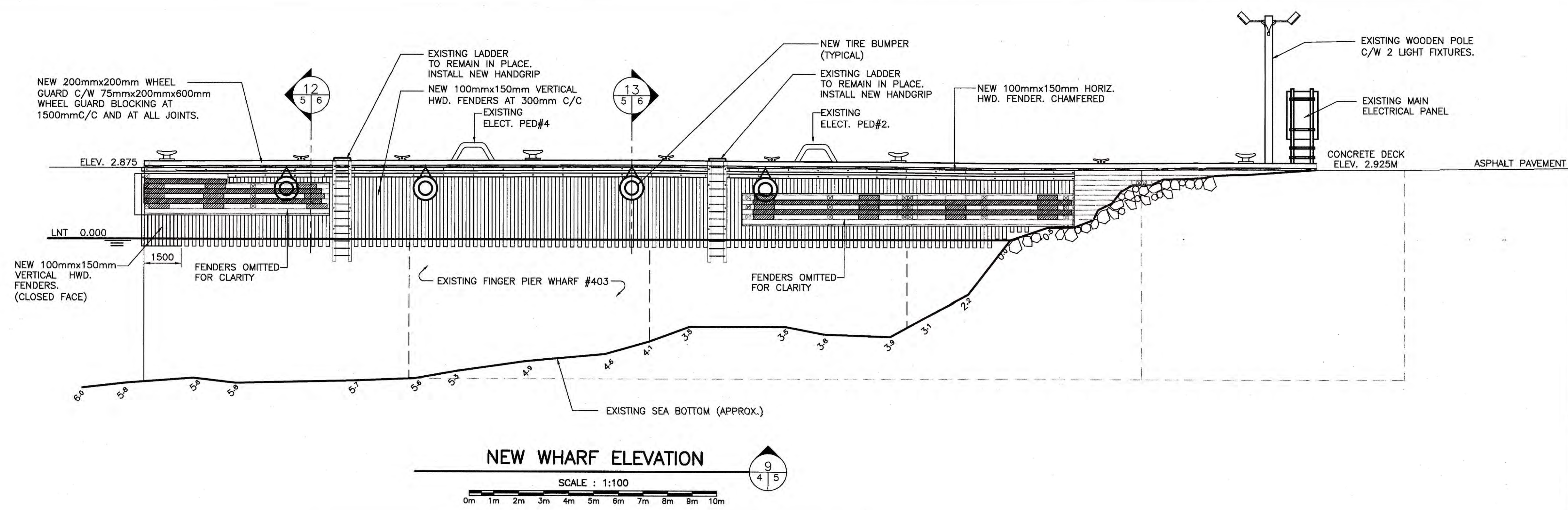
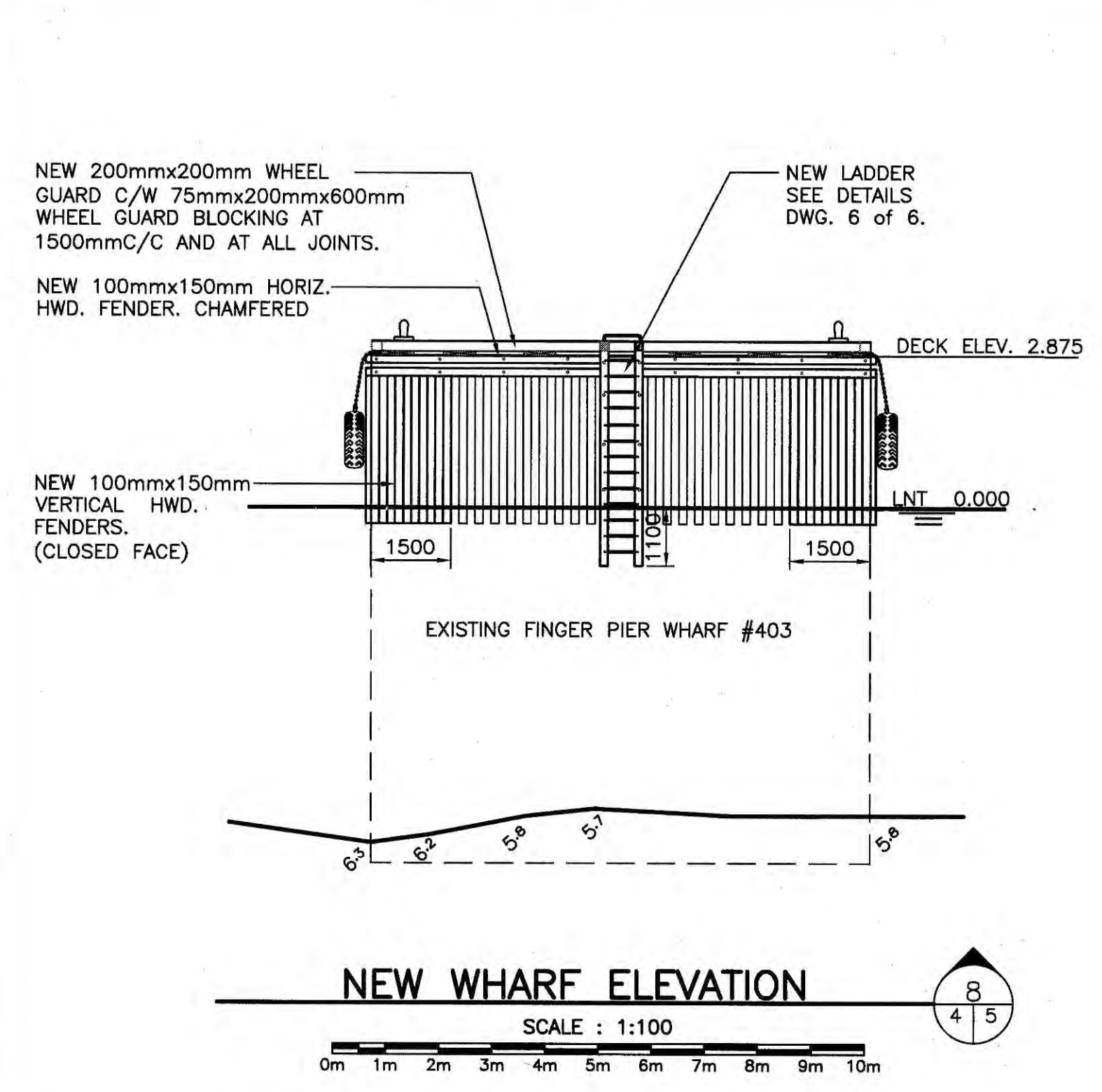
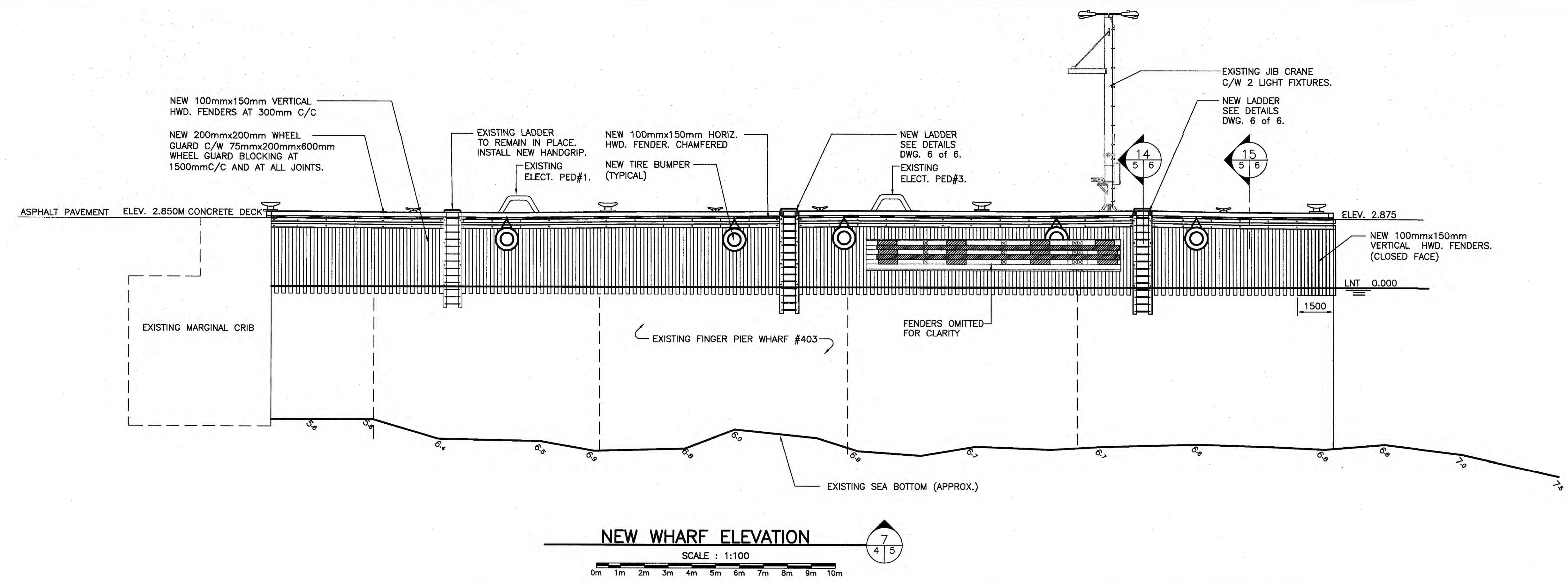
**NEW WHARF PLAN,
 SECTION AND
 DETAIL**

designed	W.J. ANDERSON	concu
date	JUNE 2019	
drawn	R.S.H	dessine
date	JUNE 2019	
approved		approuve
Tender	Paul Curran	Submission
DFD Project Manager		
project number	723030002	no. du projet
drawing no.	4 of 6	no. du dessin

SMALL CRAFT HARBOURS

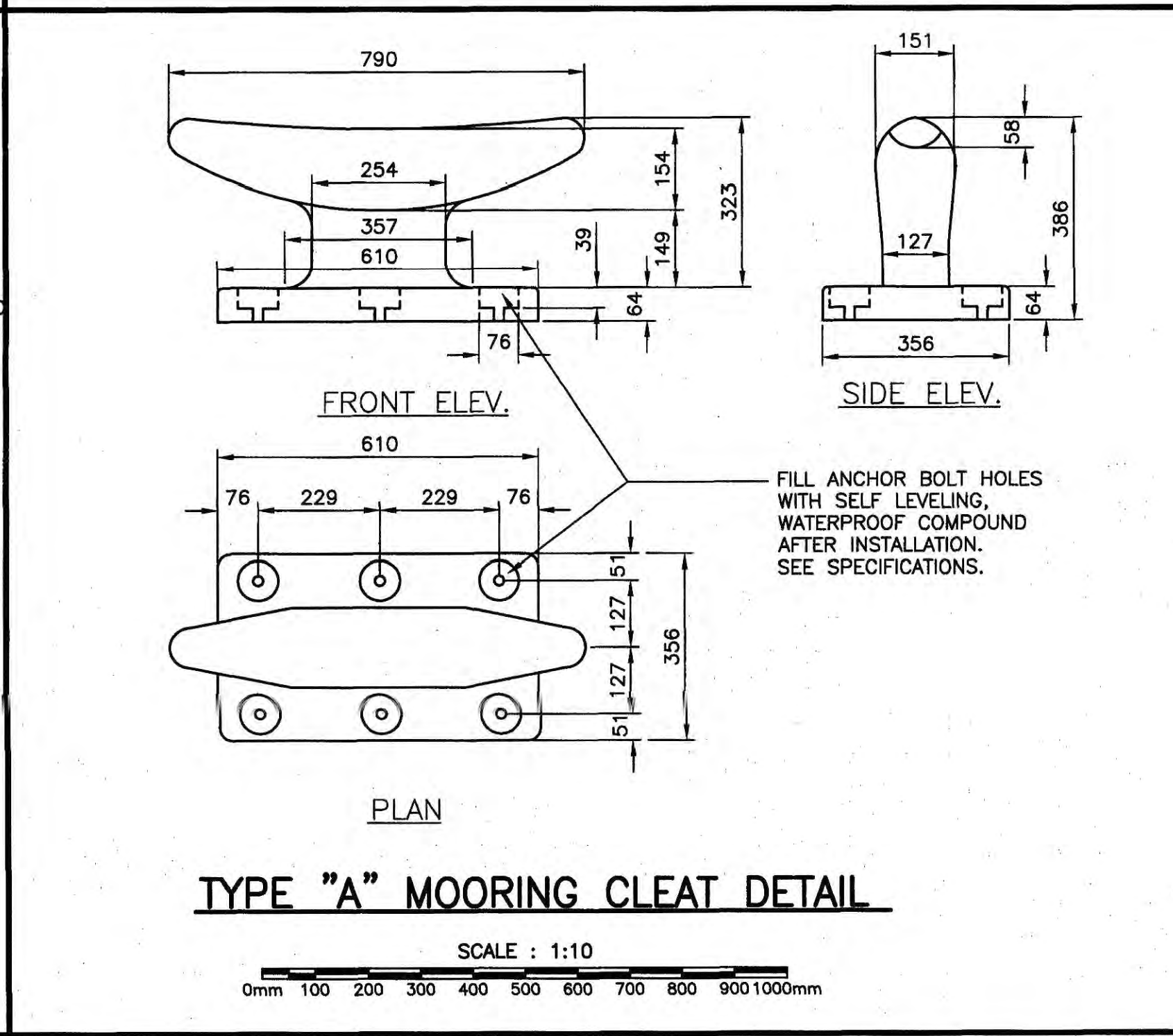
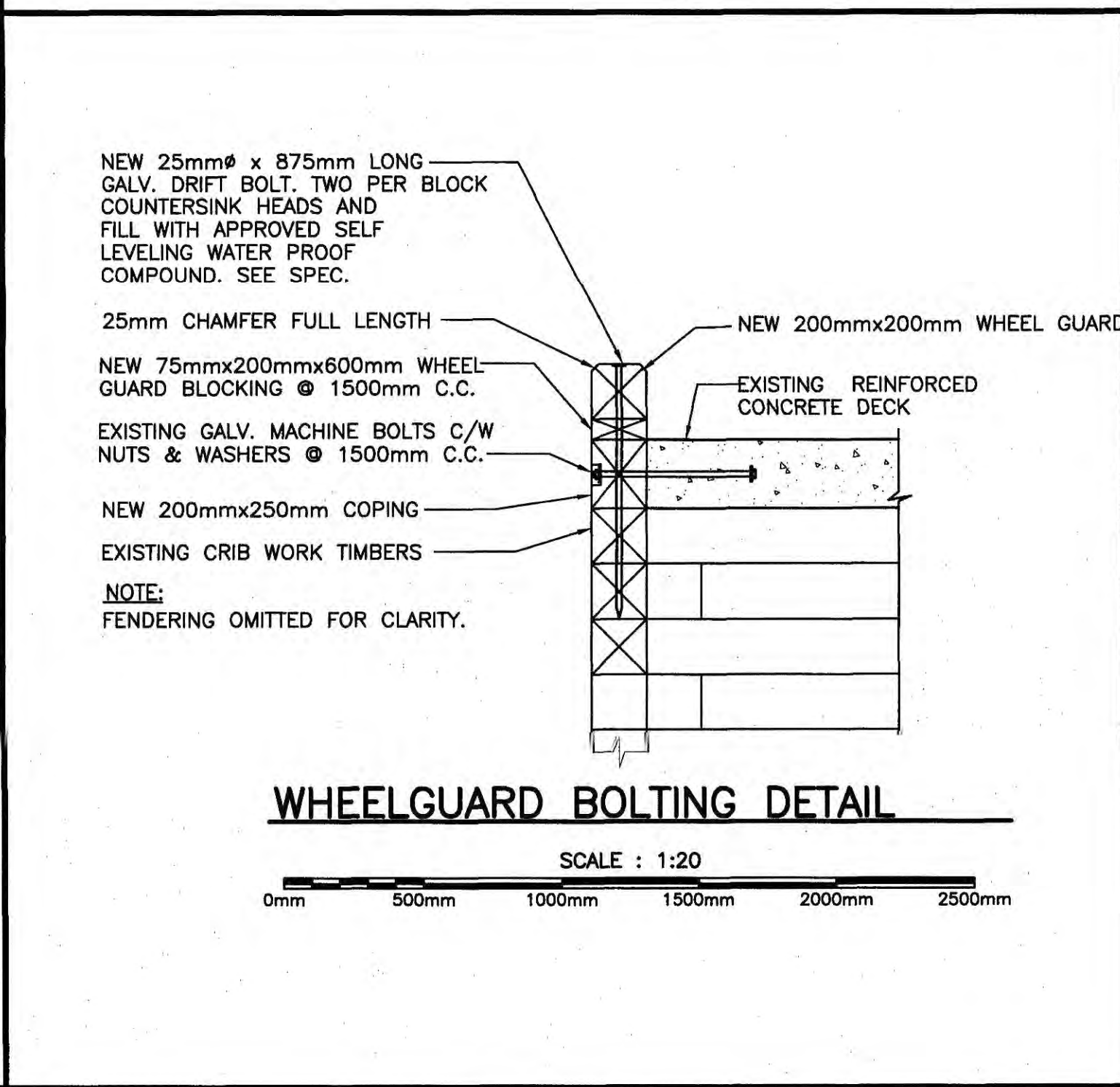
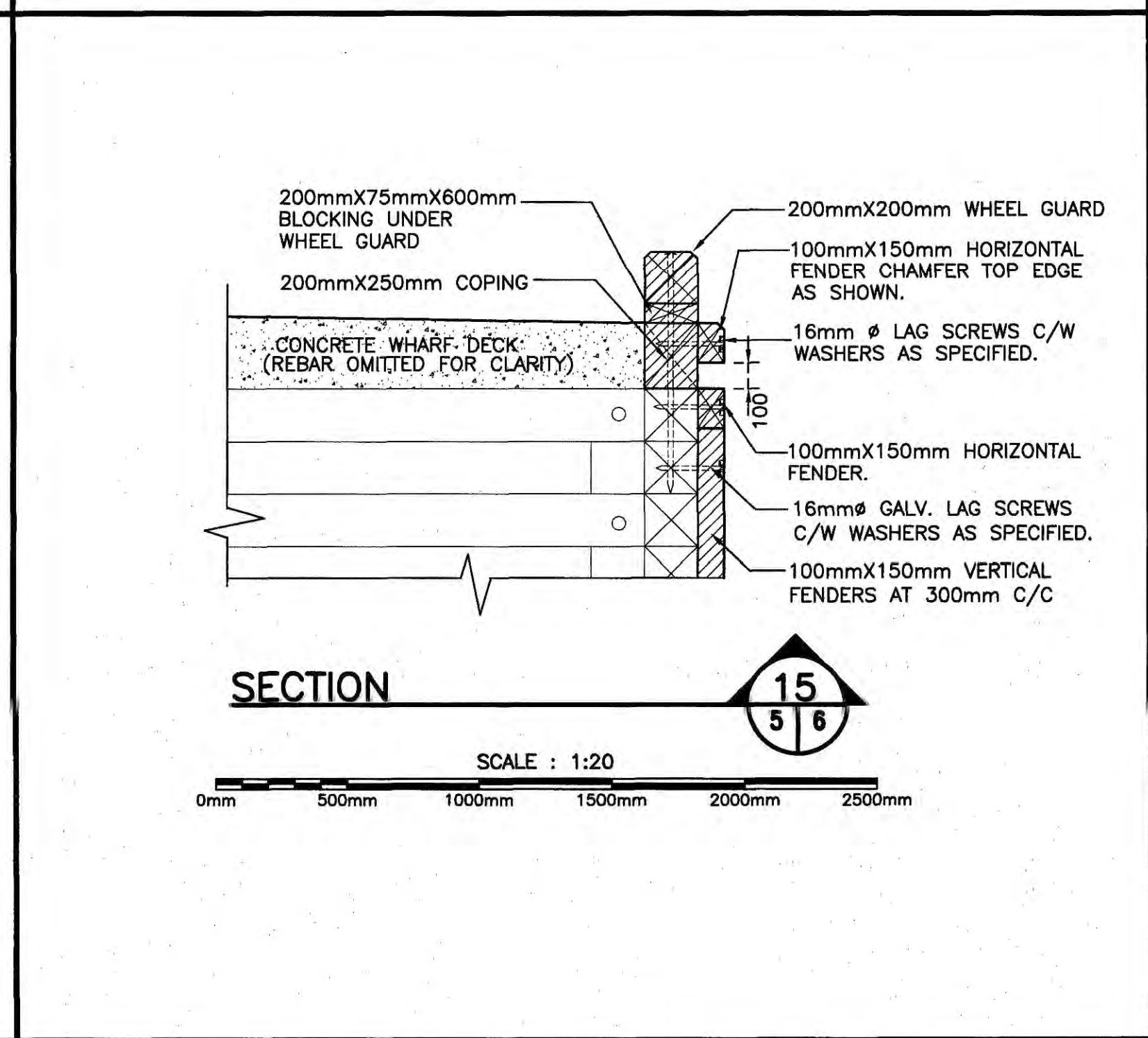
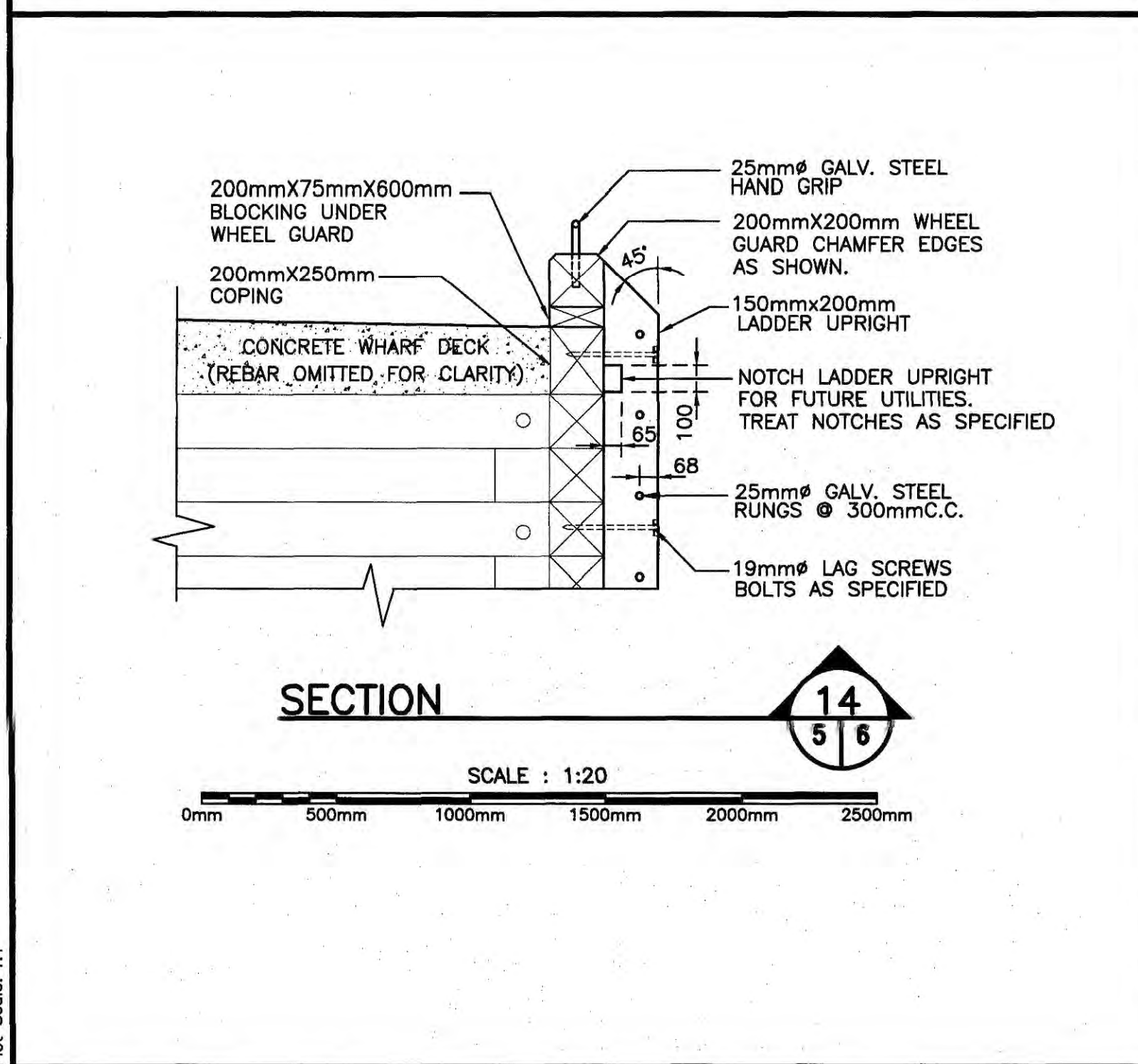
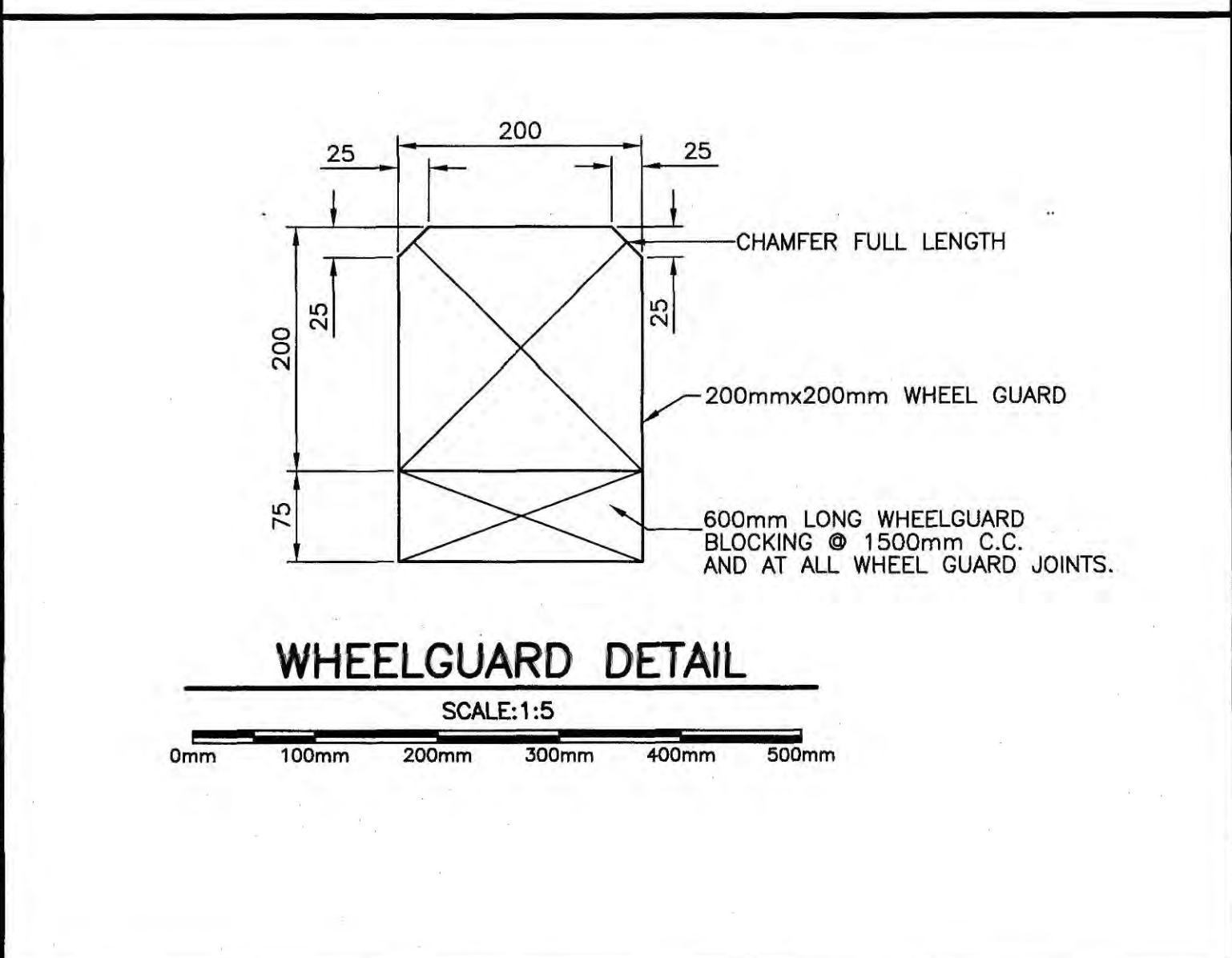
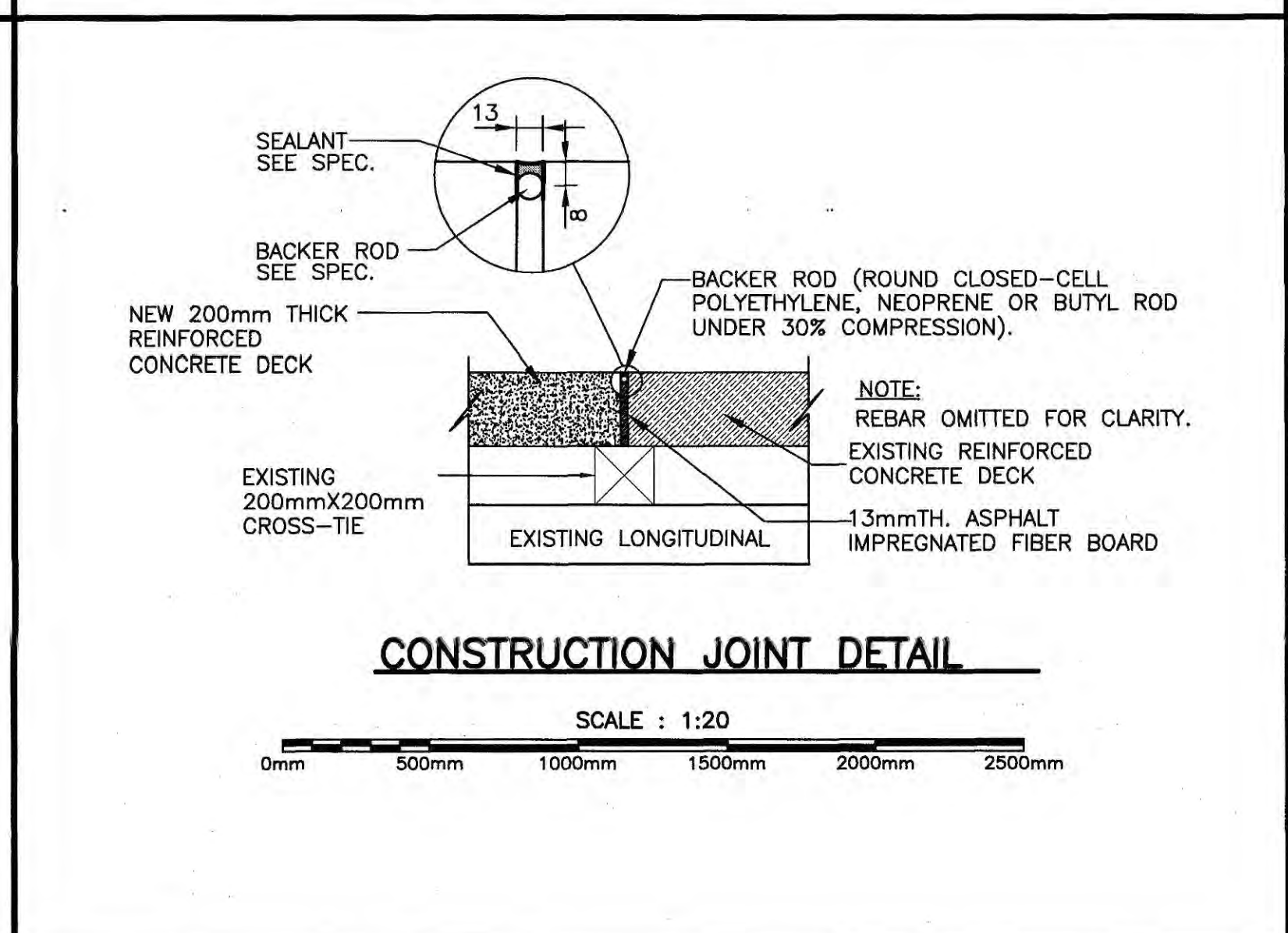
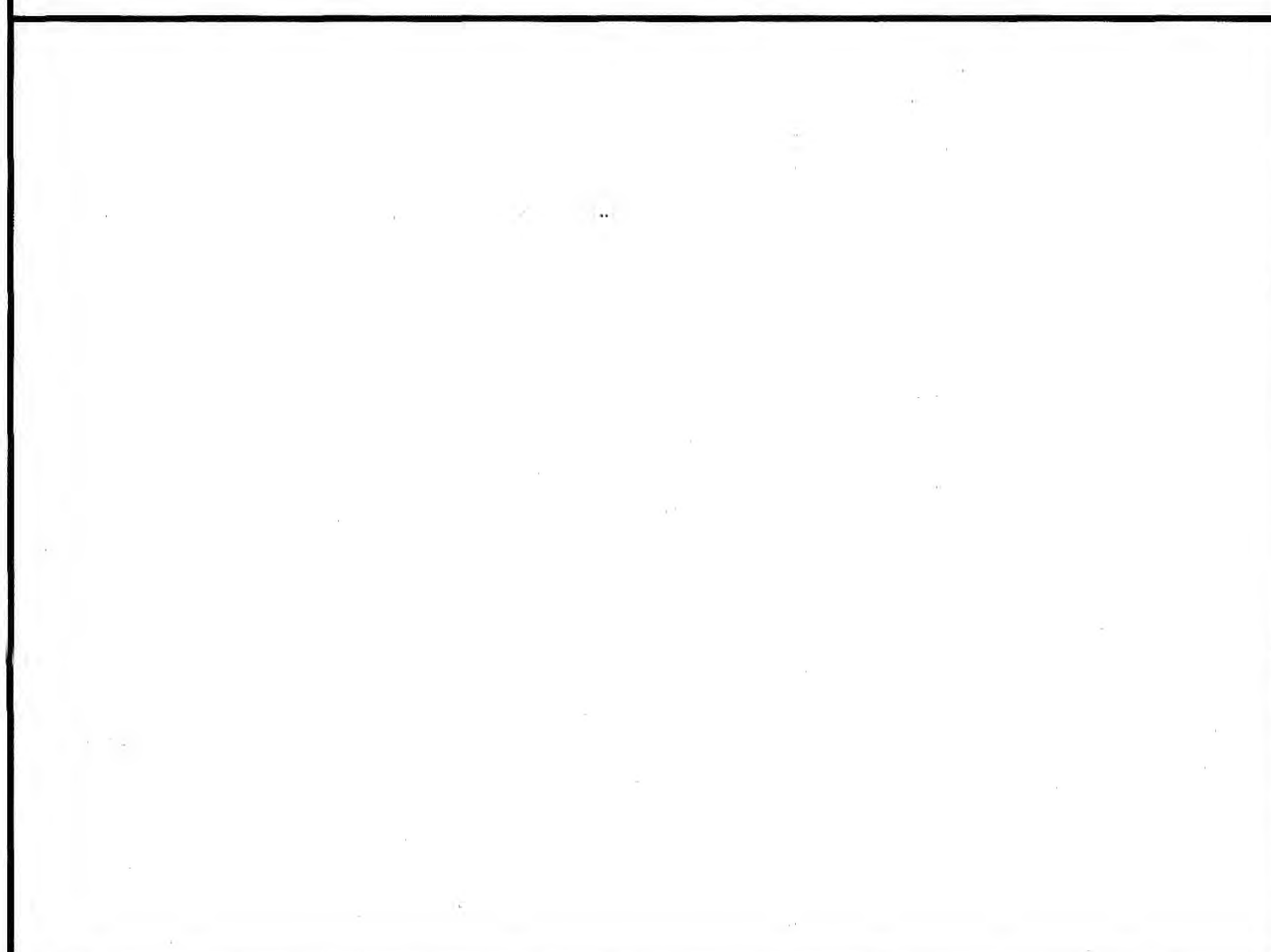
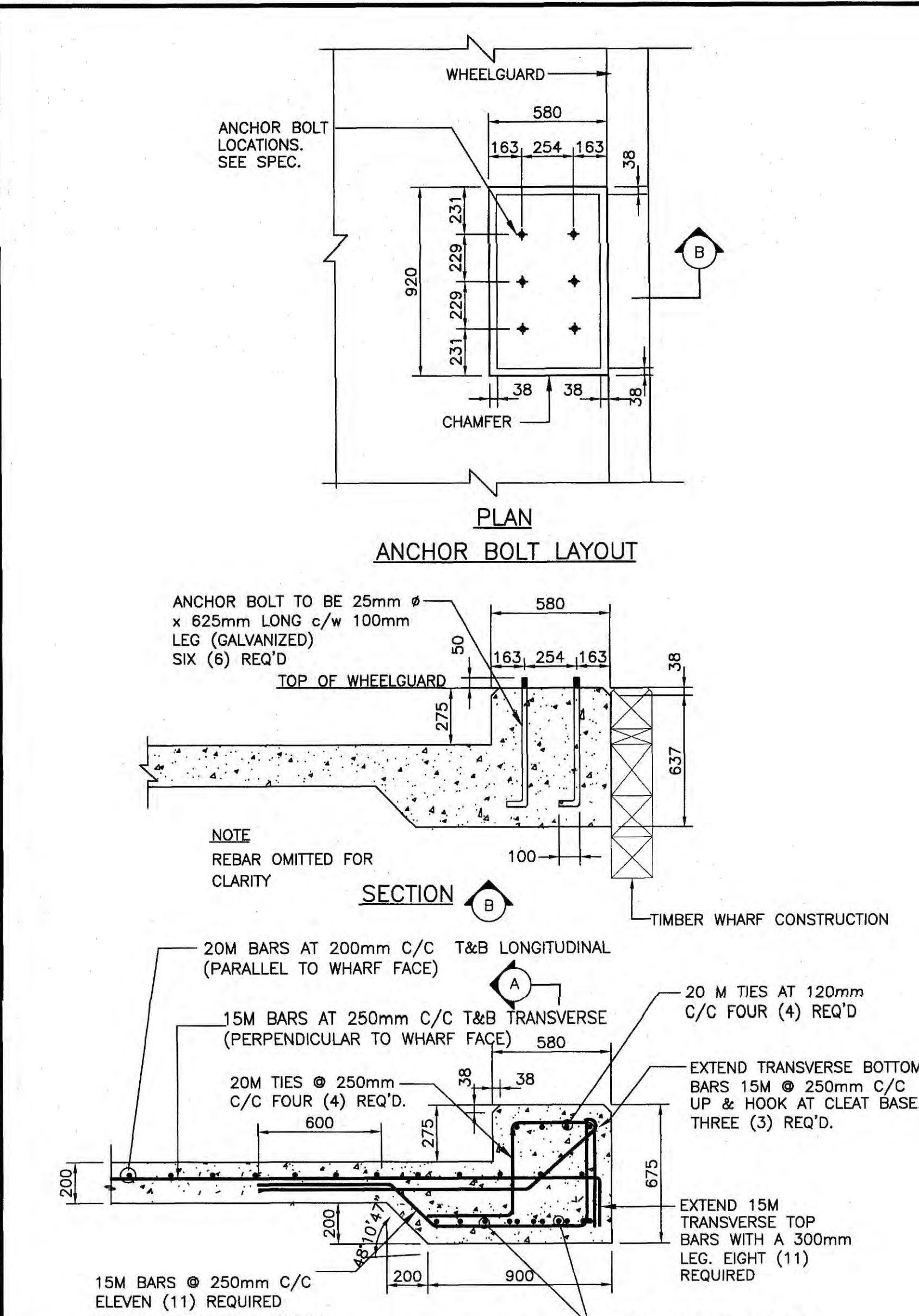
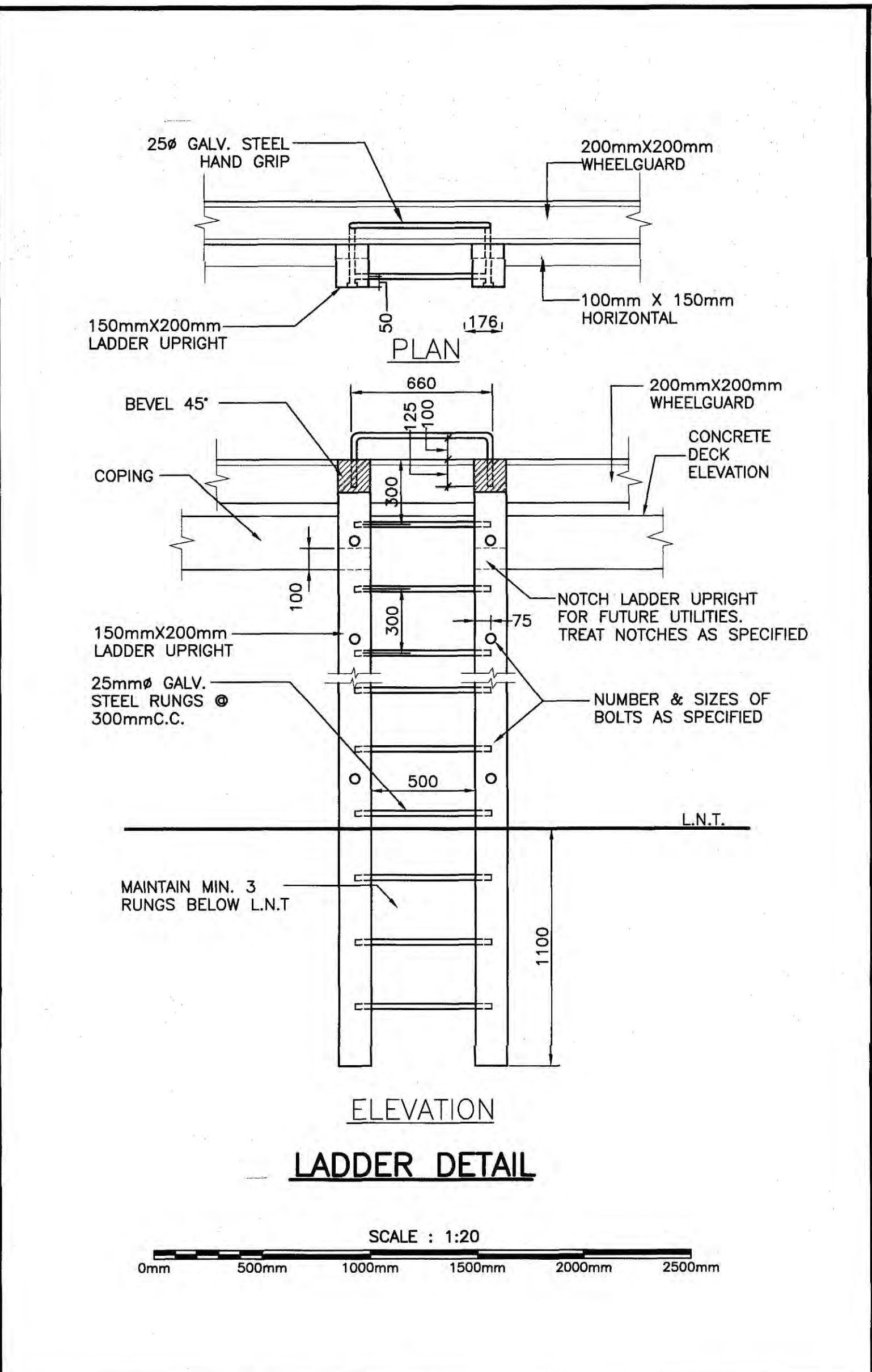
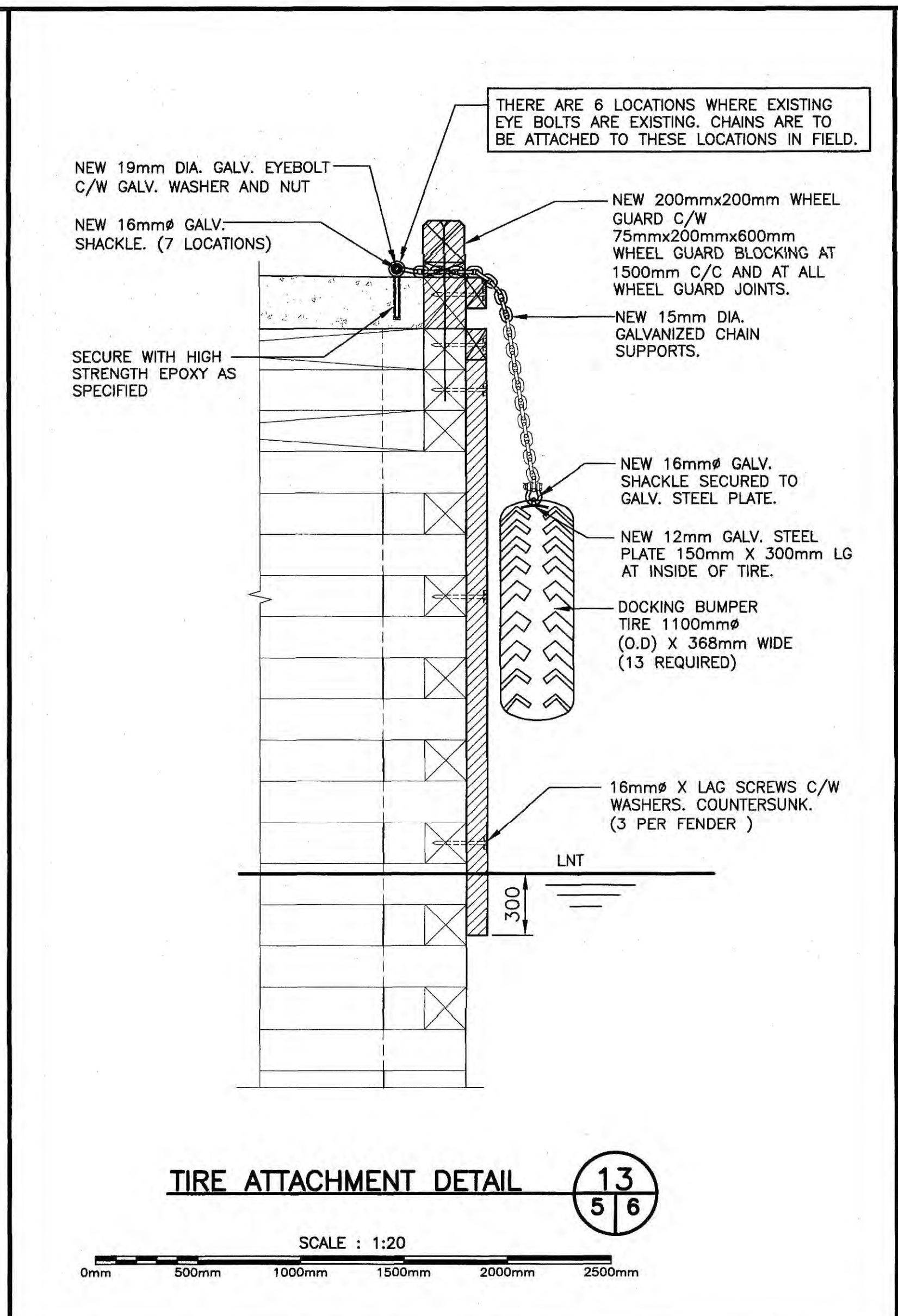
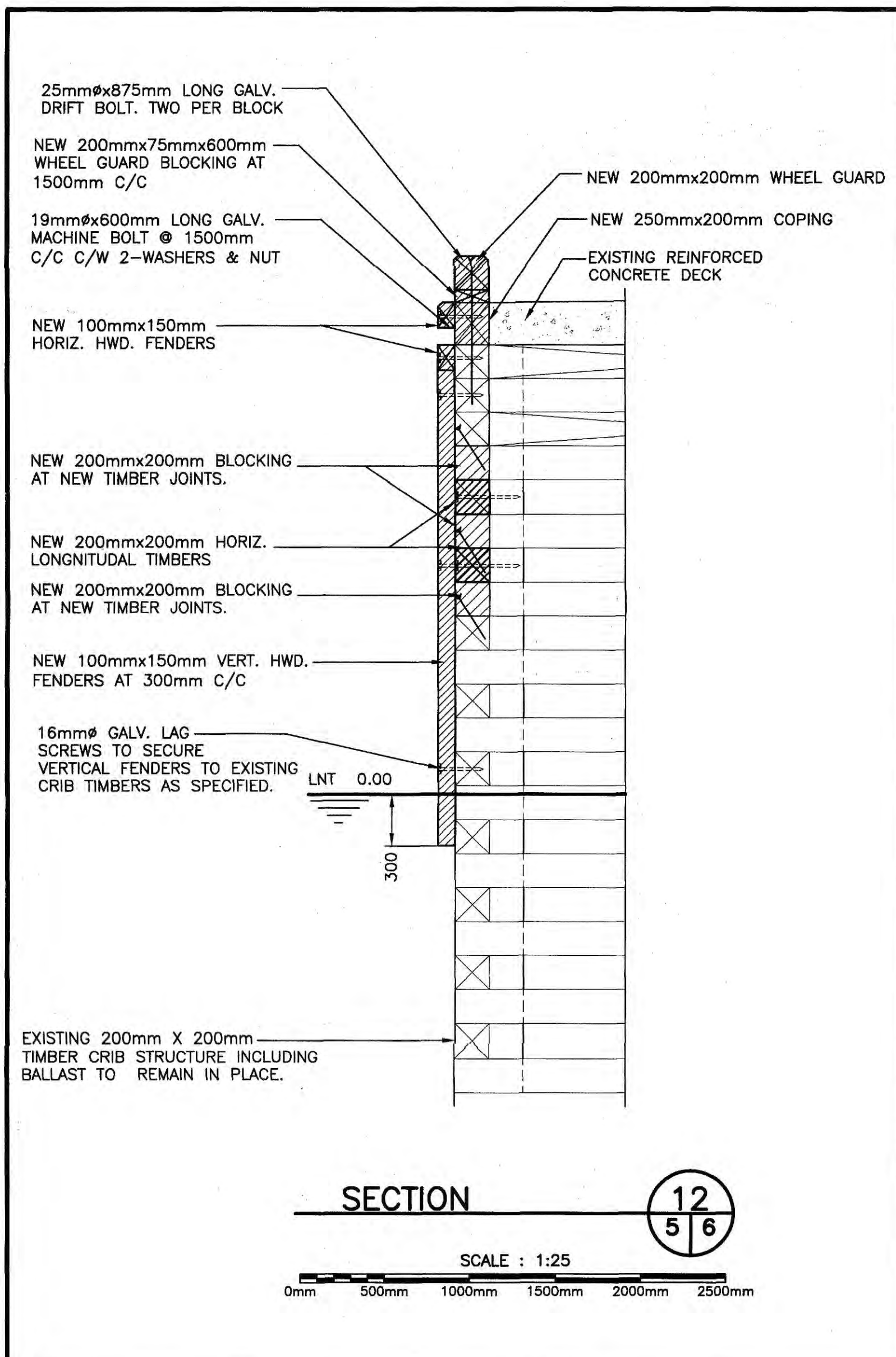


PROVINCE OF NEWFOUNDLAND
PERMIT HOLDER
 This Permit Allows
ANDERSON ENGINEERING CONSULTANTS LTD.
 To practice Professional Engineering
 in Newfoundland and Labrador.
 Permit No. as issued by APEGN_B0022.
 which is valid for the year 2019.



NOTE:
 THERE MAY BE ADDITIONAL DETERIORATED CRIB
 TIMBER MEMBERS THAT MAY NEED TO BE REPLACED
 BEFORE NEW FENDERS ARE INSTALLED. THE
 CONTRACTOR IS TO INFORM THE ON SITE
 DEPARTMENTAL REPRESENTATIVE PRIOR TO REMOVAL
 AND GET APPROVALS FOR THE ADDITIONAL WORK
 PRIOR TO PROCEEDING.

0	ISSUED FOR TENDER	06/17/19
revisions		date
project	WHARF REPAIRS	project
	PORT AUX BASQUES	
drawing		desain
	NEW WHARF ELEVATIONS	
designed	W.J. ANDERSON	conou
date	JUNE 2019	
drawn	R.S.H	desain
date	JUNE 2019	
approved		approve
Tender	<i>Paul Curran</i>	Sourmission
DFD Project Manager		
project number	723030002	no. du projet
drawing no.	5 of 6	no. du dessin



Fisheries and Oceans Canada / Pêches et Océans Canada

SMALL CRAFT HARBOURS

PROVINCE OF NEWFOUNDLAND
 PERMIT HOLDER
 This Permit Allows ANDERSON ENGINEERING CONSULTANTS LTD. To practice Professional Engineering in Newfoundland and Labrador, Permit No. as issued by APEGN, 80092, which is valid for the year 2019.

REGISTERED PROFESSIONAL ENGINEER
 W. J. ANDERSON
 1974
 PROVINCE OF NEWFOUNDLAND

0	ISSUED FOR TENDER	06/17/19
revisions		date
project		project

WHARF REPAIRS
PORT AUX BASQUES

MISC. SECTIONS AND DETAILS

Designed W.J. ANDERSON concu
 date JUNE 2019
 drawn R.S.H. dessine
 date JUNE 2019
 approved approve
 Tender Paul R. Soumission
 DFO Project Manager
 project number 723030002
 drawing no. 6 of 6