

Fisheries
and Oceans

Pêches
et Océans

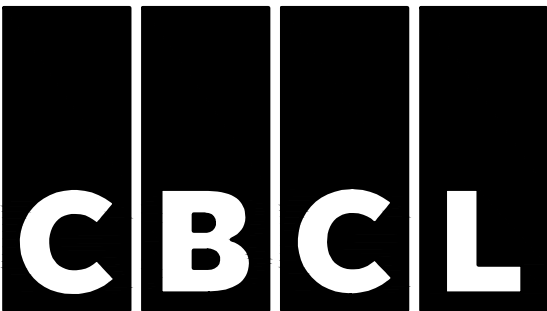
Real Property,
Safety & Security

Biens immobiliers,
protection et sécurité

FLOATING DOCK CONSTRUCTION - BURGEO LIFEBOAT STATION

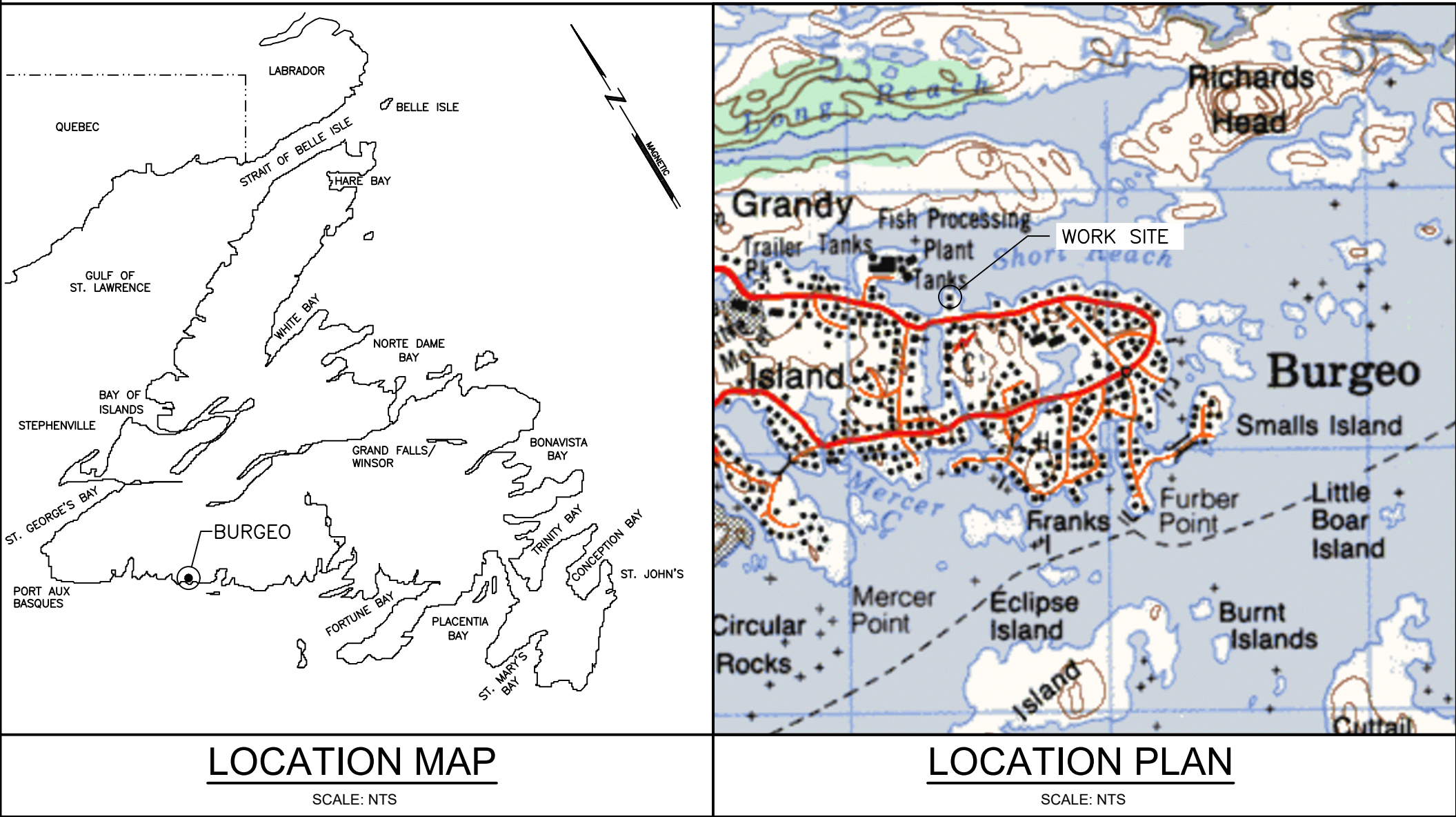
BURGEO, NEWFOUNDLAND AND LABRADOR

F6879-219215



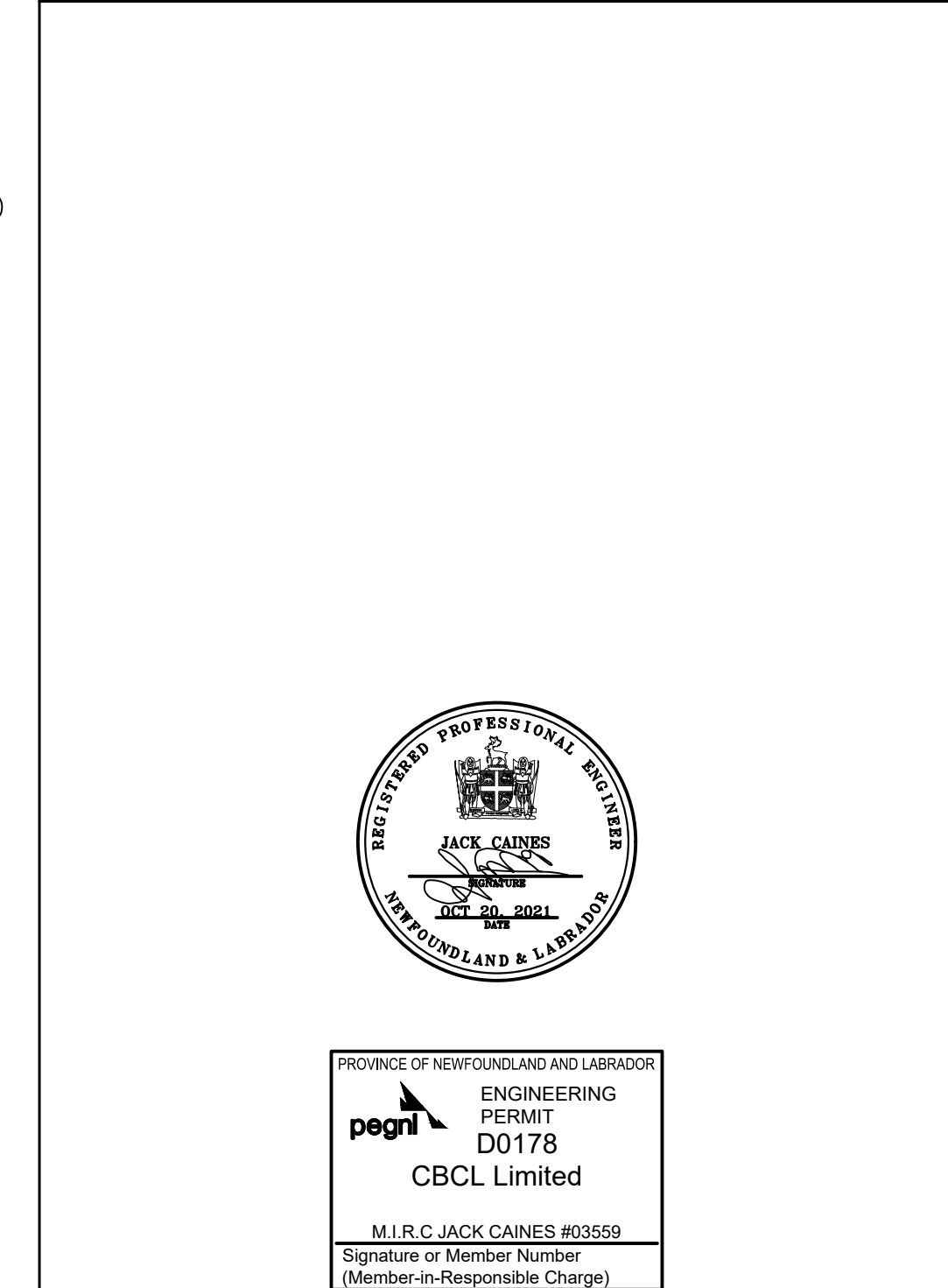
DRAWING LIST

NO.	DRAWING NAME
CIVIL	
C01	EXISTING SITE PLAN
C02	NEW SITE PLAN
C03	PLAN, ELEVATION AND DETAILS
C04	REPAIR WORKS
C05	SECTIONS AND DETAILS
C06	FLOATING DOCK DETAILS
C07	FLOATING DOCK DETAILS
C08	FLOATING DOCK DETAILS
C09	FLOATING DOCK DETAILS
C10	EXISTING FLOATING DOCK MODIFICATIONS AND DETAILS
C11	EXISTING FLOATING DOCK MODIFICATIONS AND DETAILS
ELECTRICAL	
E01	SITE PLAN AND DETAILS

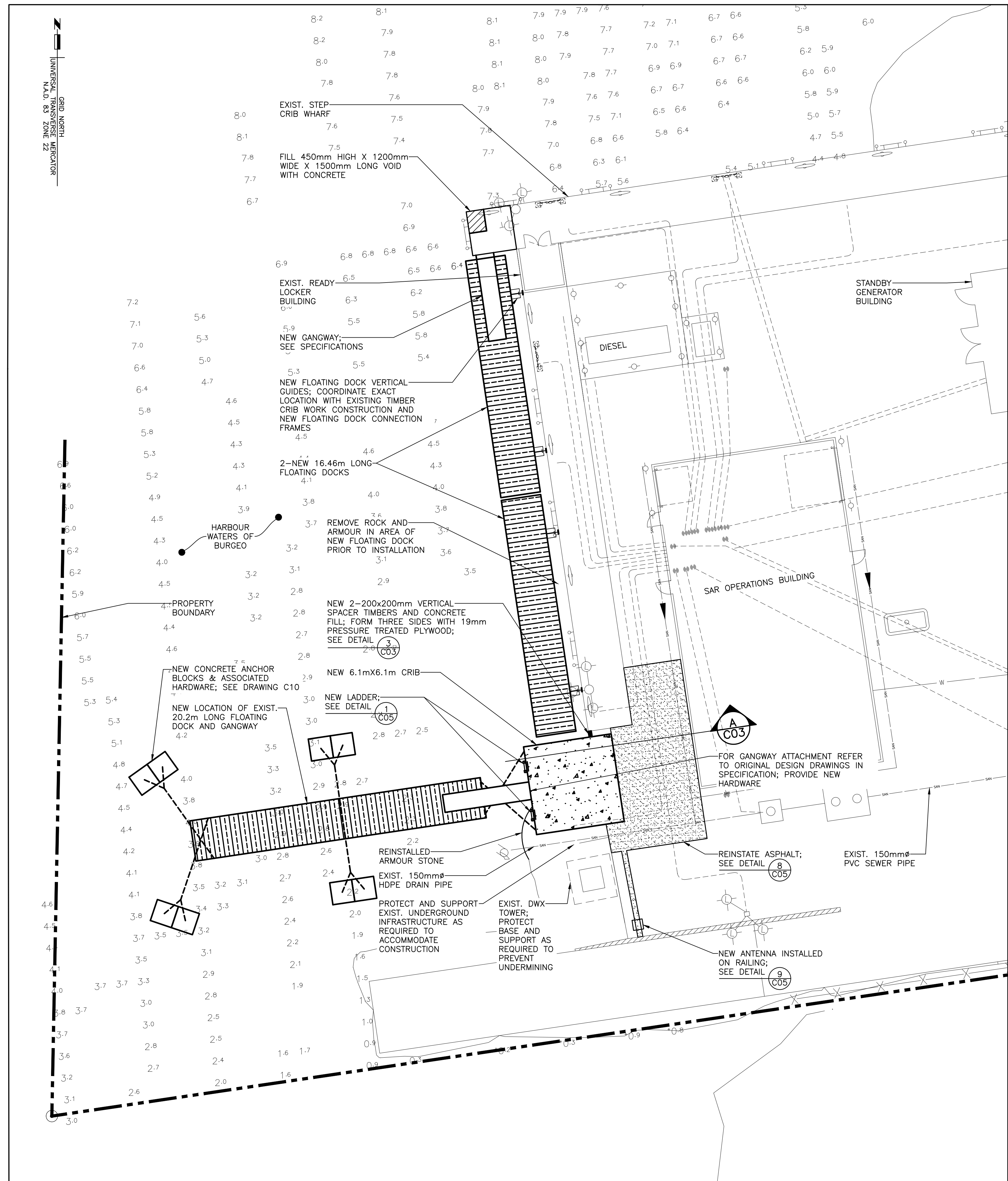




- NOTES:**
- SURVEY PARTY CHIEF** RICHARD HEALEY
SURVEY VESSEL ALUMINUM BOAT
SURVEY DATE(S) NOV.20,21,2001
- SOUNDER TYPE:** SINGLE TRANSDUCER
SOUNDER SETTING MIN/INST **VEL OF SOUND** 1480 m/s
DEPTH GATE USED N/A **FRE. OF TRANS.** 210 kHz
- POSITIONING SYSTEM USED** DGPS (WITH OTF)
LAND SURVEY POSITION BY TRIMBLE DGPS
- DATA TAPE/DISC(S) USED**
CAD DRAWING FILE(S):
- TIDAL REDUCTION SCHEME** DGPS (WITH OTF)
- OFFICE PROCESSOR** RICHARD HEALEY
DATE OF PROCESSING NOVEMBER 21,2001
- MODE OF PLOTTING** LEAST OF MINIMUM DEPTHS
MATRIX CELL WIDTH X LENGTH 1.5 X 1.5
REDUCTION OF MATRIX CELLS
- CONTROL POINTS:**
- | PL. NAME | NORTHING | EASTING | CD ELEV | DESCRIPTION |
|------------|-------------|------------|---------|--------------------------------------|
| 89G6157 | 5273646.758 | 453708.293 | +40.30 | C.L mon. SET IN BEDROCK |
| PWC 4-2001 | 5273886.707 | 453338.653 | +3.52 | BOLT SET IN CONC. DECK |
| PWC 5-2001 | 5273759.429 | 453484.350 | +13.53 | X-CUT IN "I" BOLT WITH RING |
| BM 1-1979 | 5273899.014 | 453341.104 | +3.405 | CHS BENCH MARK (ONLY STEM REMAINING) |
| BM 2-1979 | | | +5.728 | CHS BENCH MARK SET IN CONC. STEP |
- ALL SOUNDINGS & ELEVATIONS IN METRES.
- ALL SOUNDINGS & ELEVATIONS REFERRED TO BM 1-1979,ELEV. +3.405 m ABOVE CHART DATUM.
- SOUNDINGS WERE TAKEN USING A KNUDSEN 320B/P SOUNDER AND POSITIONED BY DIFFERENTIAL GPS POSITIONING EQUIPMENT ON NOV.20,2001 BY PWC SURVEY CREW.
- COORDINATES FOR HORIZONTAL CONTROL ARE REFERENCED TO C.L.mon. 89G6157 AND ARE GIVEN ON THE UTM MAPPING PLANE, ZONE 21, USING THE NORTH AMERICAN DATUM OF 1983(NAD83).
- SEED OF SOUND WAS OBTAINED BY A DIGI-BAR METER LOWERED TO 10.0M.
- CHART BEFORE BEING CORRECTED FOR TIDE & BAR CHECK CORRECTION.
- ALL FIELD NOTES ARE IN BURGEON FIELD BOOK#302.
- NOTES:**
1. ALL DIMENSIONS IN MILLIMETERS, UNLESS OTHERWISE NOTED.
 2. ALL ELEVATIONS IN METERS.
 3. REINFORCED CONCRETE DECK, ,MINIMUM COMPRESSIVE STRENGTH OF 35MPa @ 28 DAYS.
 4. DECK DESIGN LOAD CL 625.
 5. REINFORCING STEEL YIELD STRENGTH TO BE 400MPa
 6. ALL LAG SCREWS TO BE COUNTERSUNK.
 7. ALL MACHINE BOLTS TO BE 19mmø.
 8. ALL HARDWARE TO BE GALVANIZED.
 9. LOCATION OF ALL UNDERGROUND UTILITIES, PIPES AND ELECTRICAL CONDUITS ARE APPROXIMATE AND ARE TO BE VERIFIED BY THE CONTRACTOR; REPORT ANY DISCREPANCIES TO DEPARTMENTAL REPRESENTATIVE BEFORE COMMENCEMENT OF WORK.
 10. CONTRACTOR TO PROTECT ALL UNDERGROUND UTILITIES, PIPES AND ELECTRICAL CONDUITS AND MAKE REPAIRS TO ANY DAMAGED AT CONTRACTORS OWN EXPENSE. COORDINATE ANY REQUIRED TEMPORARY SHUT DOWN OF UTILITIES WITH DEPARTMENTAL REPRESENTATIVE AND HARBOUR AUTHORITY.
 11. CONTRACTOR TO CONFIRM AND DETERMINE ELEVATIONS OF EXISTING STRUCTURES TO REMAIN; CONTRACTOR TO ENSURE WORK BEING CONDUCTED DOES NOT DAMAGE OR UNDERMINE EXISTING STRUCTURES.
 12. WORK IS BEING CARRIED OUT AT AN ACTIVE AND SECURE SEARCH AND RESCUE FACILITY. ACCESS TO THE SITE TO BE COORDINATED WITH DEPARTMENTAL REPRESENTATIVE. AT NO TIME DURING THE EXECUTION OF THE WORK SHALL LABOUR, EQUIPMENT AND MATERIALS FOR THE WORK IMPEDE OR AFFECT THE ABILITY OF THE SEARCH AND RESCUE OPERATIONS OF THE SITE INCLUDING THOSE TIMES WHEN NOT ON SITE.
 13. CONTRACTOR IS RESPONSIBLE FOR FIELD AND LABORATORY QUALITY CONTROL TESTING OF MATERIALS INCLUDING BUT NOT LIMITED TO GRANULARS, CONCRETE AND ASPHALT. SEE SPECIFICATION SECTIONS FOR TESTING REQUIREMENTS.
 14. PROTECTION TO EXISTING ASPHALT AND SURROUNDING FINISH SURFACES SHALL BE PROVIDED FOR ALL EQUIPMENT WORKING ON THE SITE. PRIOR TO MOBILIZATION ADVISE THE DEPARTMENTAL REPRESENTATIVE OF PROPOSED PROTECTION MEASURES FOR REVIEW AND APPROVAL.
 15. PRIOR TO INSTALLING ANY ELEMENTS OF THE WORK THE CONTRACTOR SHALL VERIFY FIELD CONDITIONS AND THE ABILITY OF THE EXISTING WORK TO ACCEPT THE NEW WORK.
 16. HOLES FOR LAG SCREWS SHALL BE PRE-DRILLED IN ACCORDANCE WITH THE FOLLOWING:
 - a. 13mmø LAG SCREWS WITH A MAXIMUM 6.25mmø DRILL BIT.
 - b. 16mmø LAG SCREWS WITH A MAXIMUM 9.4mmø DRILL BIT.
 - c. 19mmø LAG SCREWS WITH A MAXIMUM 12.7mmø DRILL BIT
 - d. 32mmø LAG SCREWS WITH A MAXIMUM 16.0mmø DRILL BIT.NO LARGER SIZE OF DRILL BIT WILL BE PERMITTED. NO REDRILLING OF HOLE TO WIDEN THE HOLE PERMITTED.
 18. CONTRACTOR SHALL COORDINATE DIMENSIONS AND SYSTEMS FOR ANY WORK CONSTRUCTED OFFSITE WITH WORK CONSTRUCTED ONSITE. SUCH SYSTEMS INCLUDE BUT ARE NOT LIMITED TO FLOATING DOCK GUIDES AND CONNECTION FRAMES.



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no	revision	date	by	approved
	revision	date	par	approuve
Project — projet				
<p style="text-align: center;">FLOATING DOCK CONSTRUCTION — BURGEO LIFEBOAT STATION BURGEO, NL</p>				
Drawing — dessin				
<p style="text-align: center;">CIVIL</p> <p style="text-align: center;">EXISTING SITE PLAN</p>				
drawn — dessine JENNIFER BOYD		designed — dessine par CALVIN HOLLETT		
date — date JULY 20, 2021		checked — verifie JACK CAINES		
scale — echelle AS SHOWN		approved for tender—approuve pour l'offre		
project no. — projet no. F6879—219215	drawing no. — no du dessin —		sheet — feuille C01	



NEW SITE PLAN

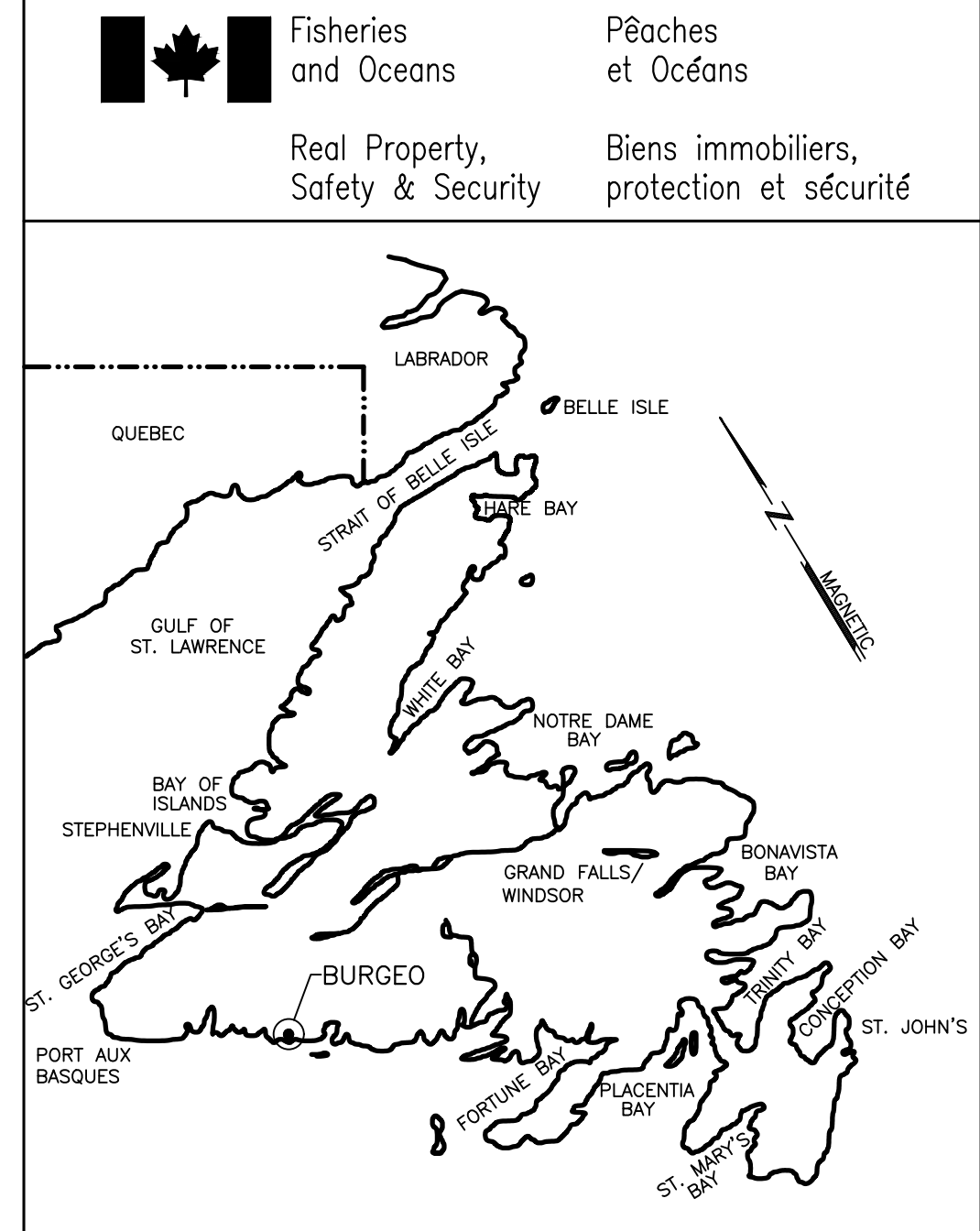


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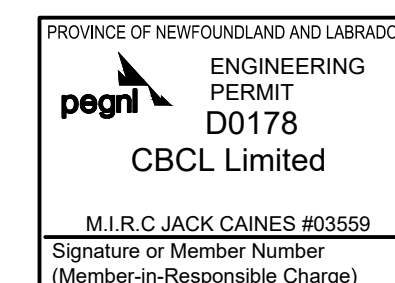
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	ELECTRICAL OUTLET		U/G POWER LINES
	FUEL PUMP		STORM LINE
	LADDER		SANITARY LINE
	MANHOLE		WATER LINE
	UTILITY POLE		VALVE
	BOLLARD		SOUNDINGS (BELOW L.N.T.)
	LADDER		EXISTING ELEVATIONS
	LIGHT POLE		ASPHALT REINSTATEMENT
			CONCRETE

NOTES:

1. SEE DRAWING C01 FOR NOTES.



KEY LOCATION PLAN



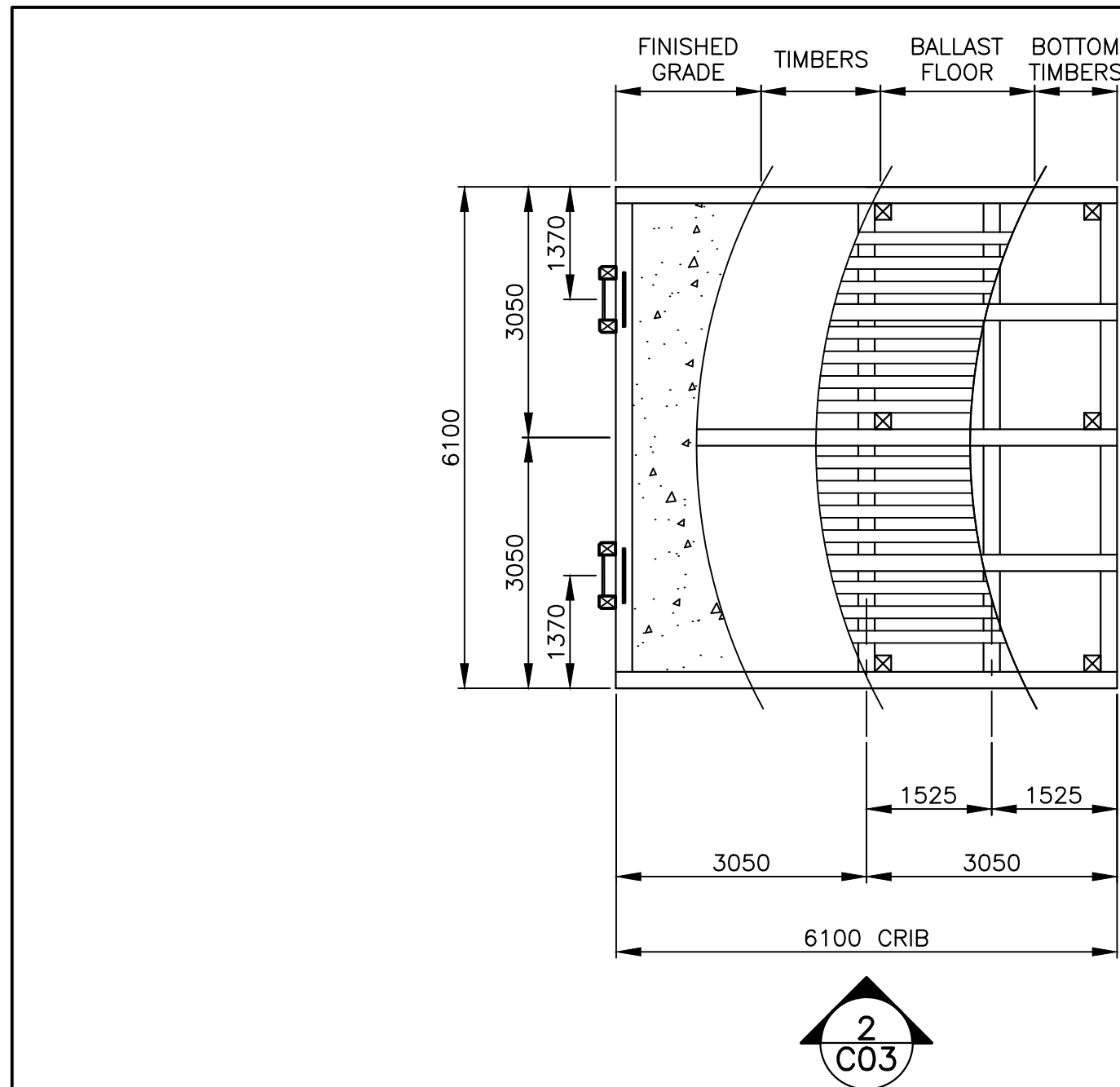
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no.	revision	date	by	approved
no.	revision	date	par	approve

Project - projet
FLOATING DOCK CONSTRUCTION -
BURGEO LIFEBOAT STATION
BURGEO, NL

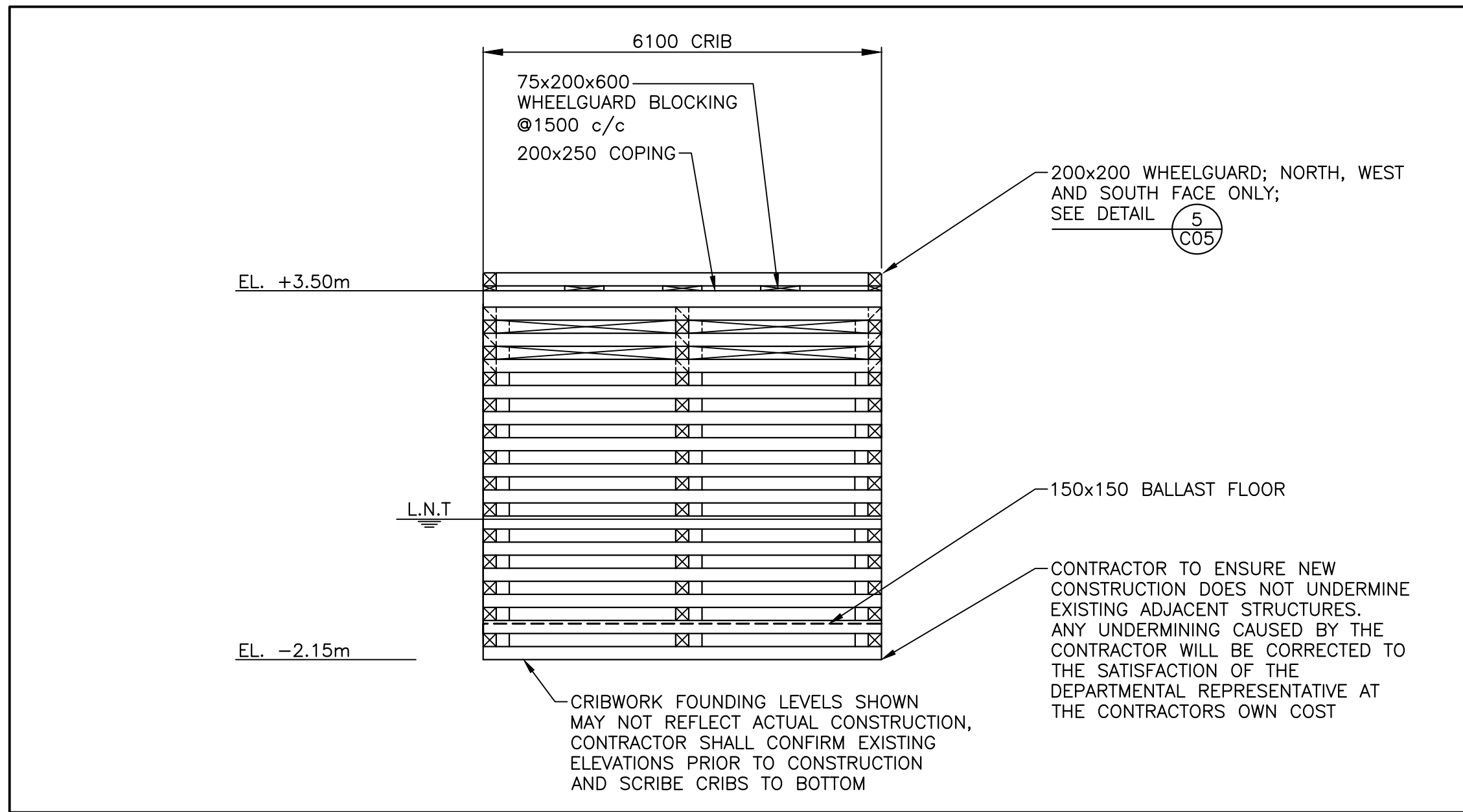
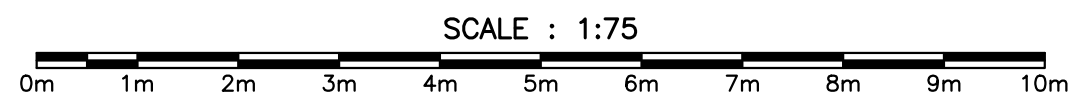
Drawing - dessin
CIVIL
NEW SITE PLAN

drawn - dessine JENNIFER BOYD	designed - dessine par CALVIN HOLLETT
date - date JULY 20, 2021	checked - verifie JACK CAINES
scale - echelle AS SHOWN	approved for tender - approuve pour l'offre

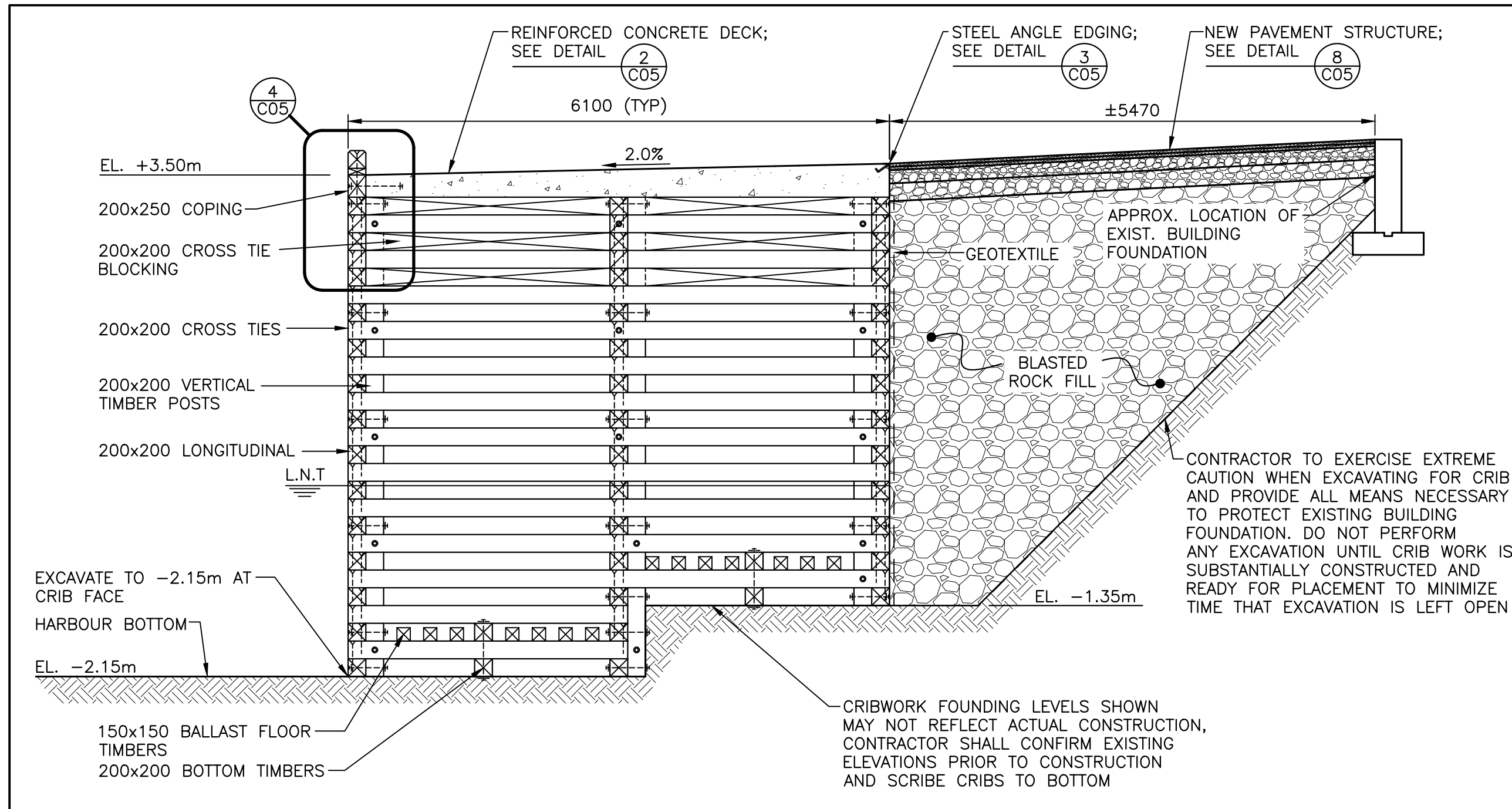
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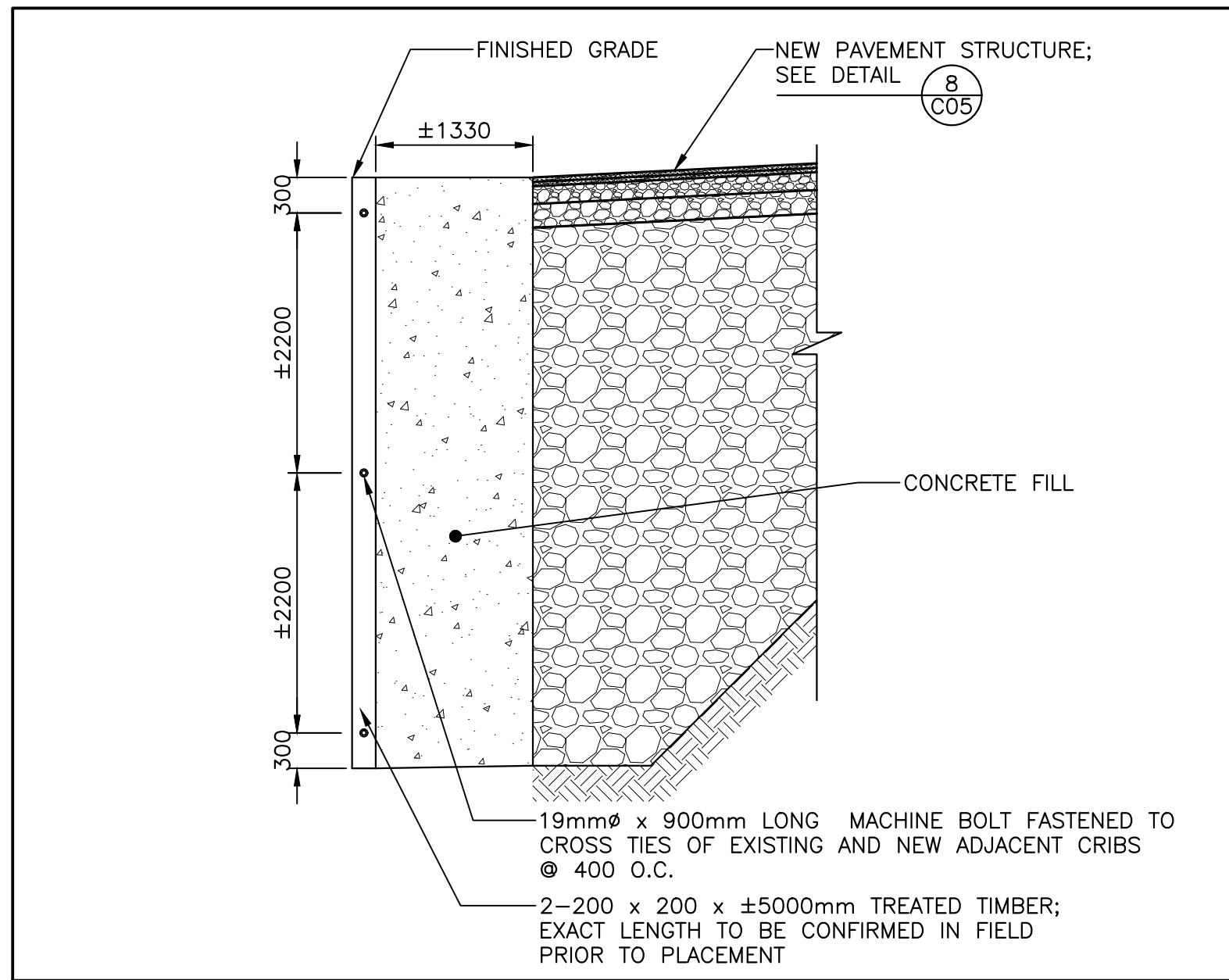
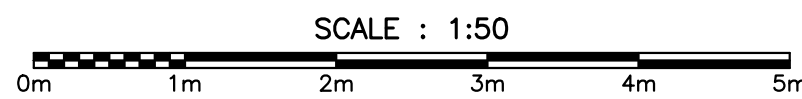
CRIB WORK PLAN



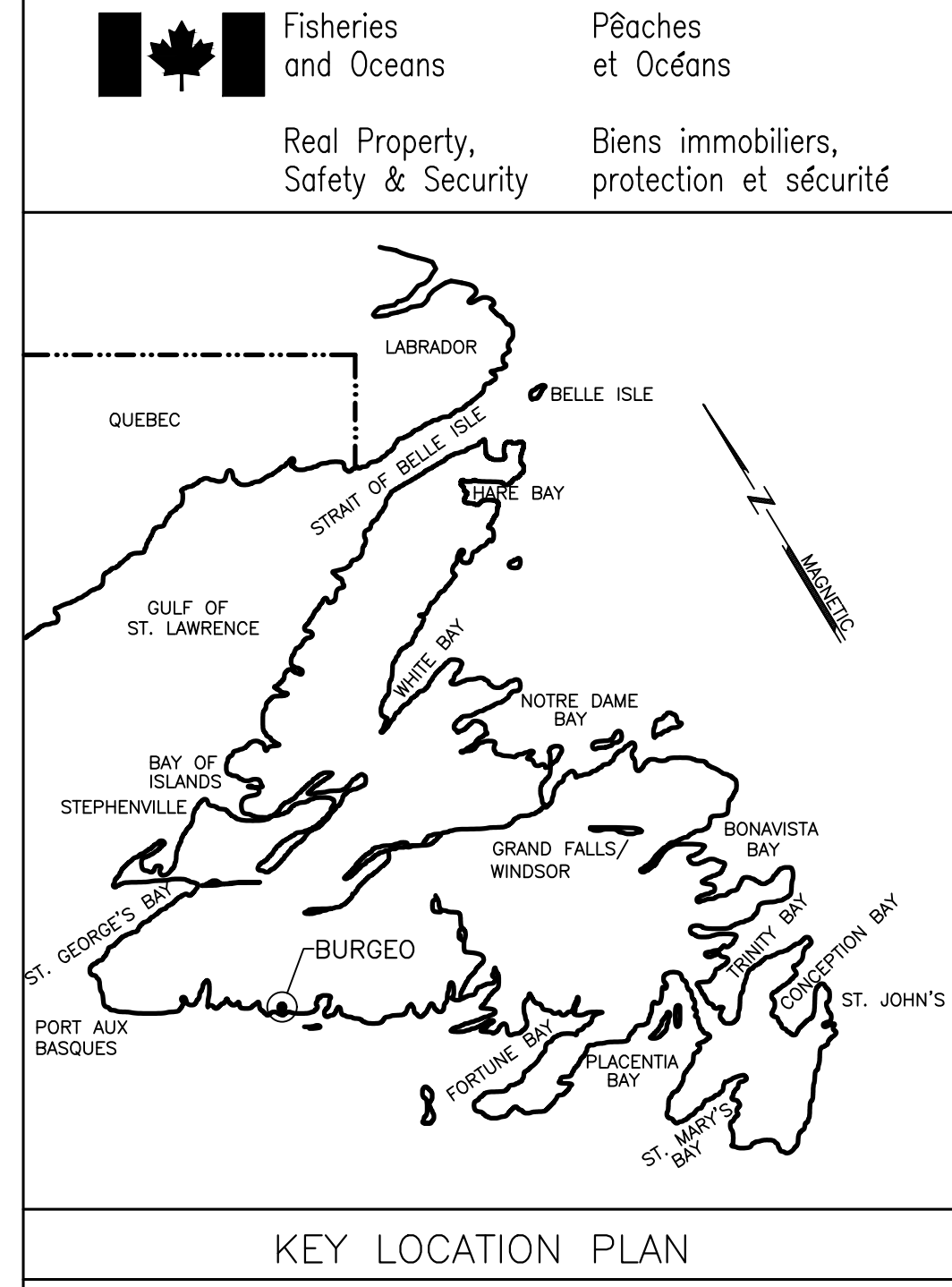
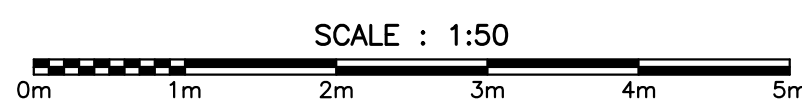
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CROSS SECTION - TIMBER CRIB

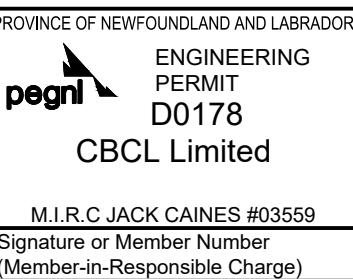
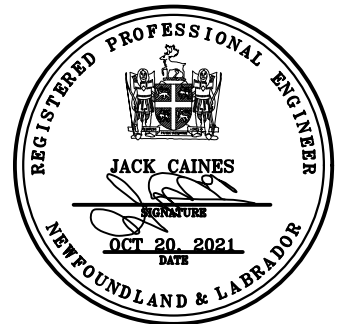


DETAIL - VERTICAL SPACER TIMBERS

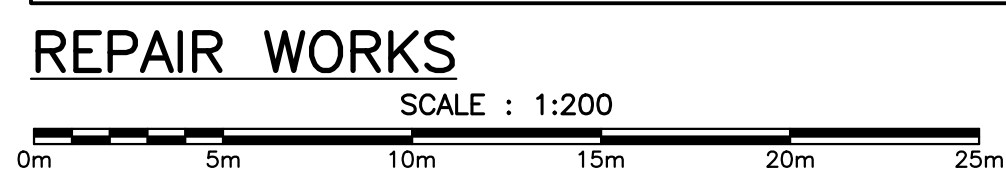
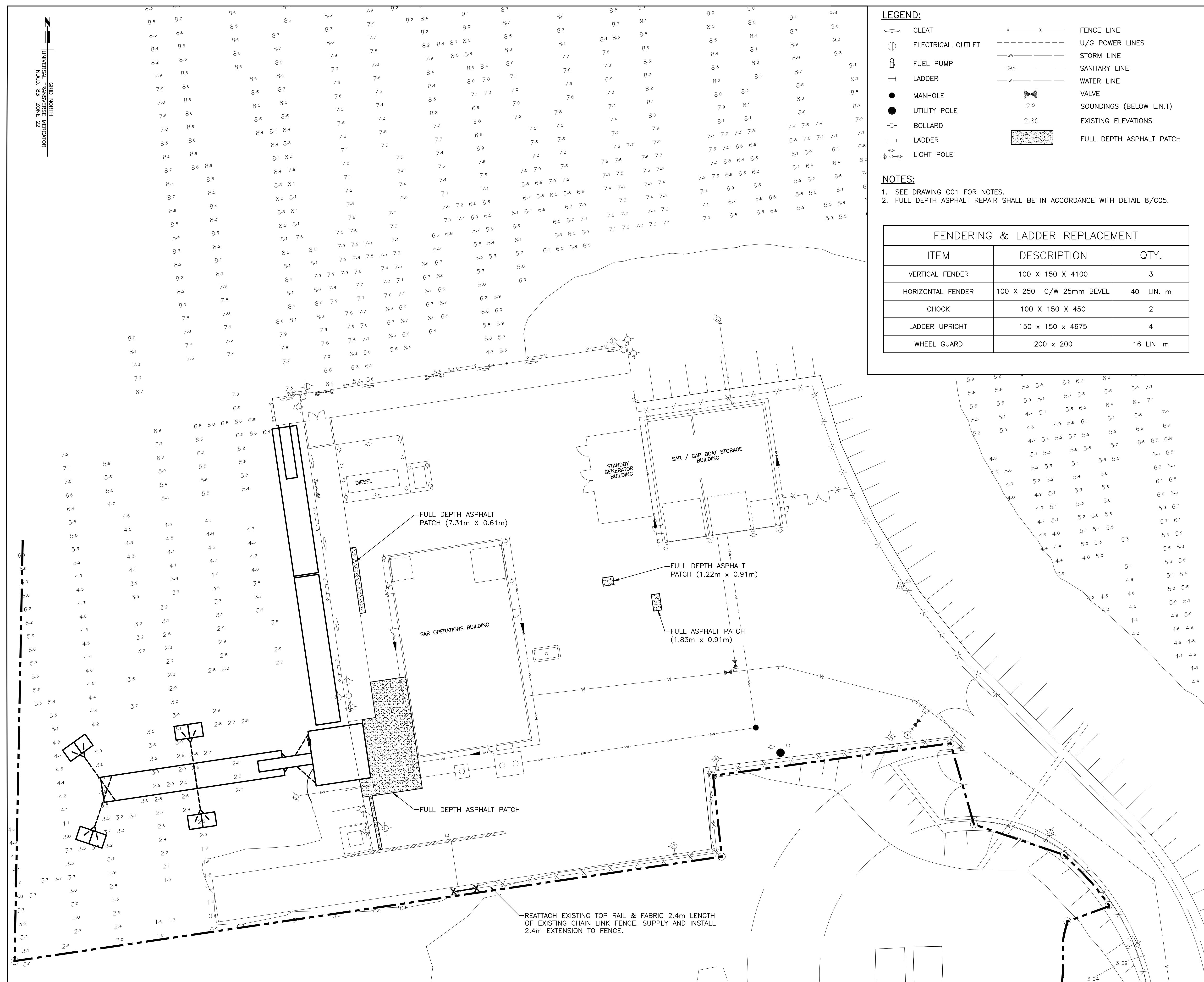


NOTES:

1. SEE DRAWING C01 FOR NOTES.



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no.	revision	date	by	approved
no.	revision	date	par	approve
Project - projet				
FLOATING DOCK CONSTRUCTION - BURGIO LIFEBOAT STATION BURGIO, NL				
Drawing - dessin				
CIVIL				
PLAN, ELEVATION AND DETAILS				
drawn - dessine	JENNIFER BOYD	designed - dessine par	CALVIN HOLLETT	
date - date	JULY 20, 2021	checked - verifie	JACK CAINES	
scale - echelle	AS SHOWN	approved for tender - approuve pour l'offre		
project no. - projet no.	F6879-219215	drawing no. - no du dessin	-	sheet - feuille
				C03



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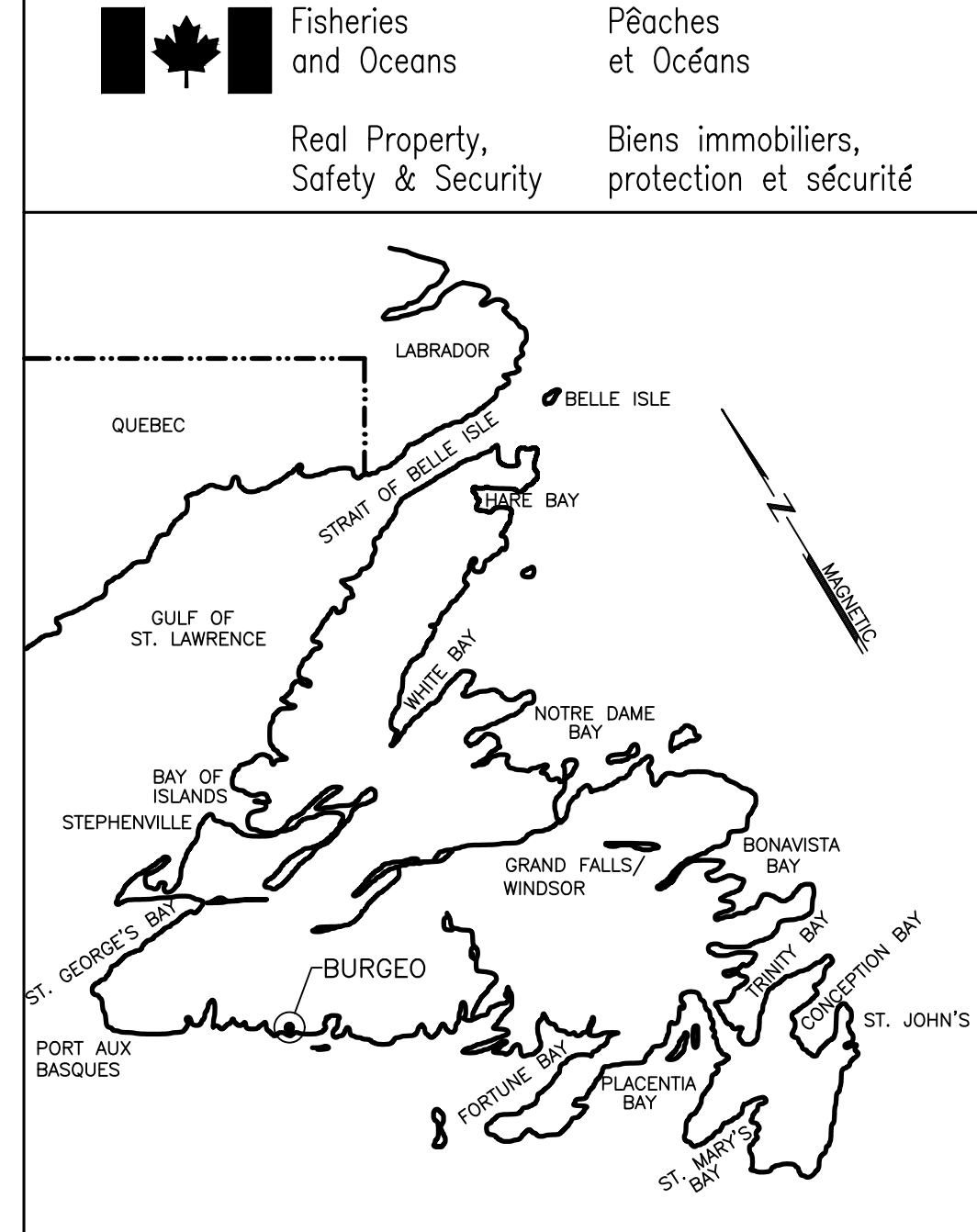
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	FUEL PUMP		STORM LINE
	LADDER		SANITARY LINE
	MANHOLE		WATER LINE
	UTILITY POLE		VALVE
	BOLLARD		SOUNDINGS (BELOW L.N.T.)
	LADDER		EXISTING ELEVATIONS
	LIGHT POLE		FULL DEPTH ASPHALT PATCH

NOTES:

1. SEE DRAWING C01 FOR NOTES.

2. FULL DEPTH ASPHALT REPAIR SHALL BE IN ACCORDANCE WITH DETAIL 8/C05.

FENDERING & LADDER REPLACEMENT		
ITEM	DESCRIPTION	QTY.
VERTICAL FENDER	100 X 150 X 4100	3
HORIZONTAL FENDER	100 X 250 C/W 25mm BEVEL	40 LIN. m
CHOCK	100 X 150 X 450	2
LADDER UPRIGHT	150 x 150 x 4675	4
WHEEL GUARD	200 x 200	16 LIN. m



KEY LOCATION PLAN



PROVINCE OF NEWFOUNDLAND AND LABRADOR
pegnl ENGINEERING PERMIT
D0178
CBCL Limited
M.J.R.C. JACK CAINES #035559
Signature or Member Number
(Member-in-Responsible Charge)

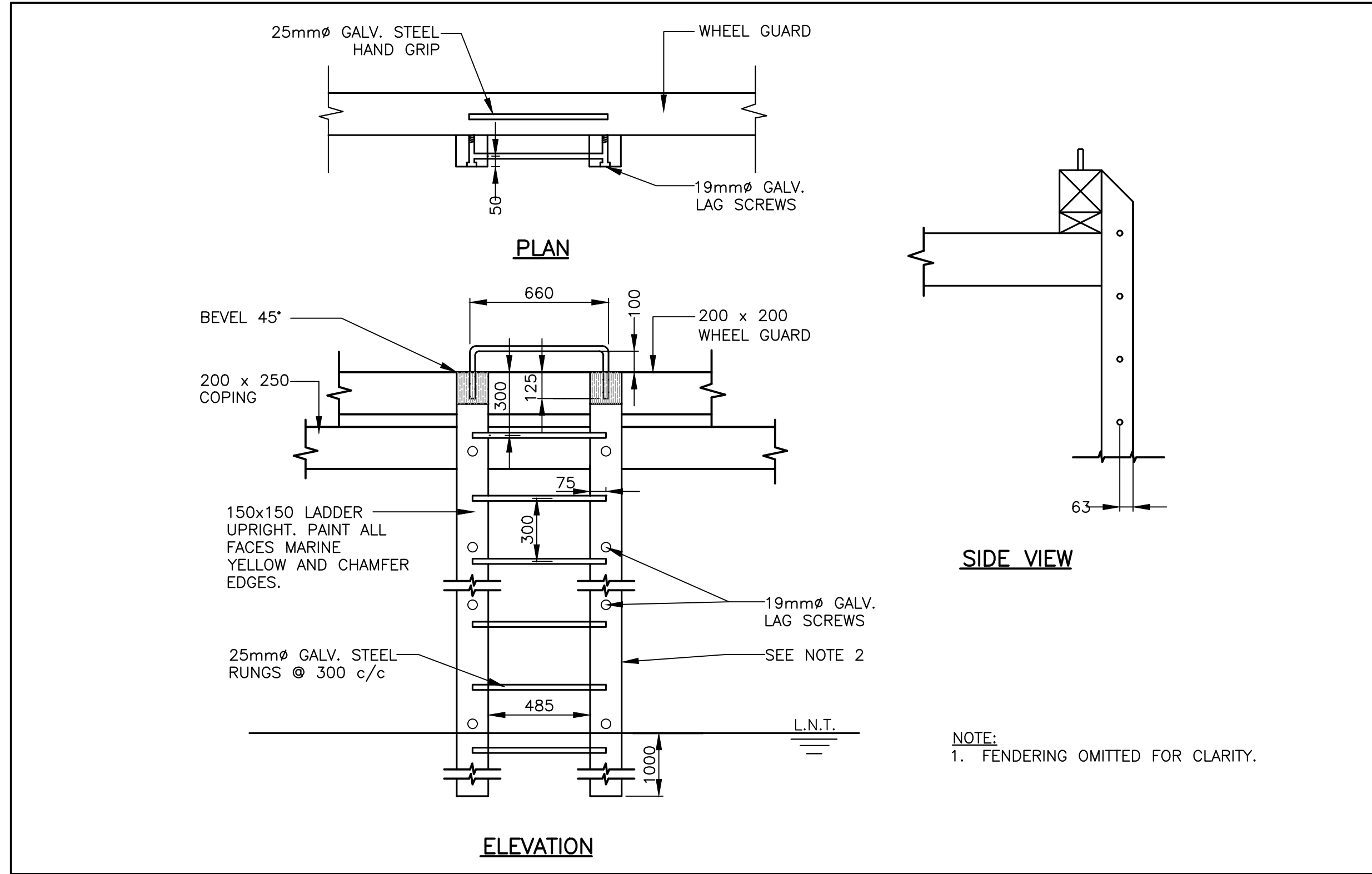
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no.	revision	date	by	approved
no.	revision	date	par	approve

Project – projet
**FLOATING DOCK CONSTRUCTION –
BURGIO LIFEBOAT STATION
BURGIO, NL**

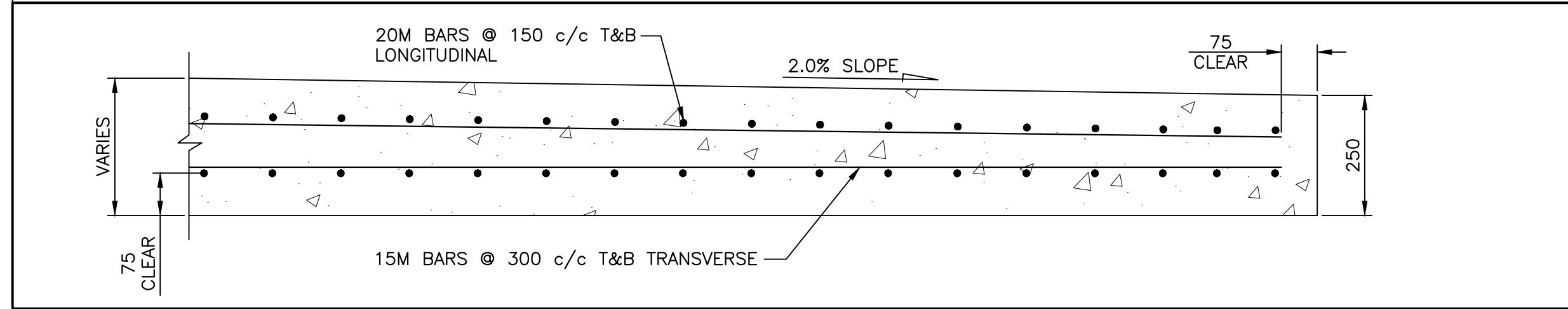
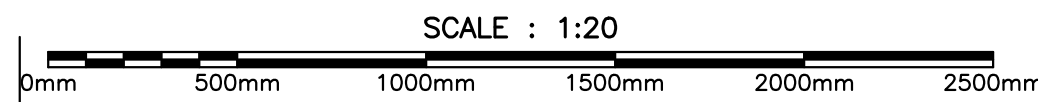
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**CIVIL
REPAIR WORKS**

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date – date JULY 20, 2021	checked – vérifié JACK CAINES
scale – échelle AS SHOWN	approved for tender – approuvé pour l'offre

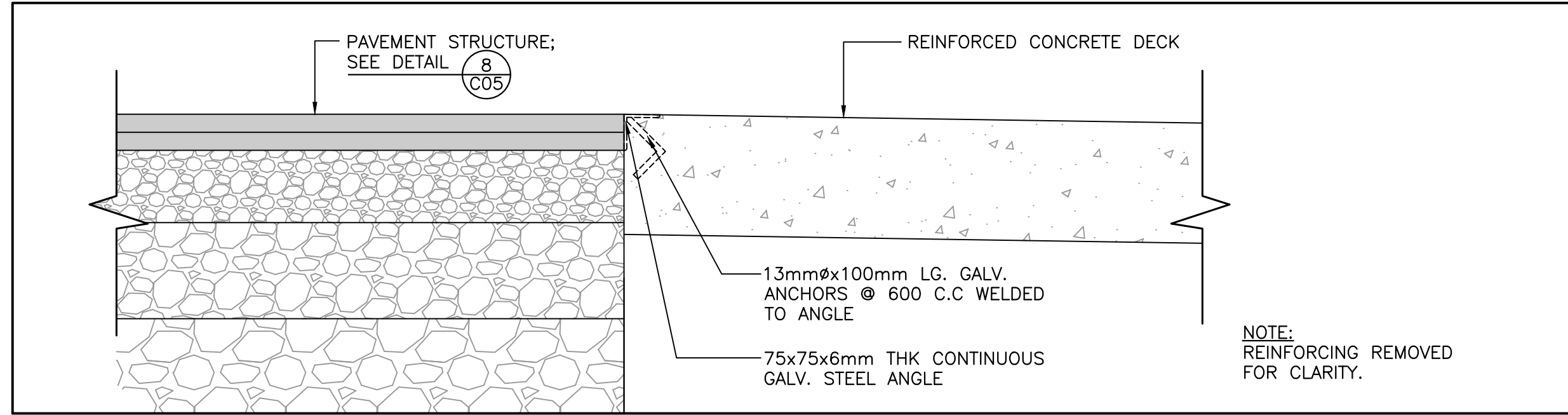
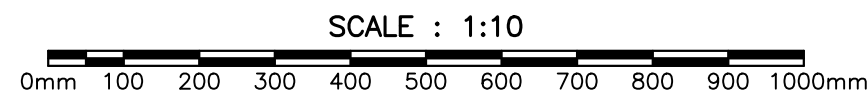
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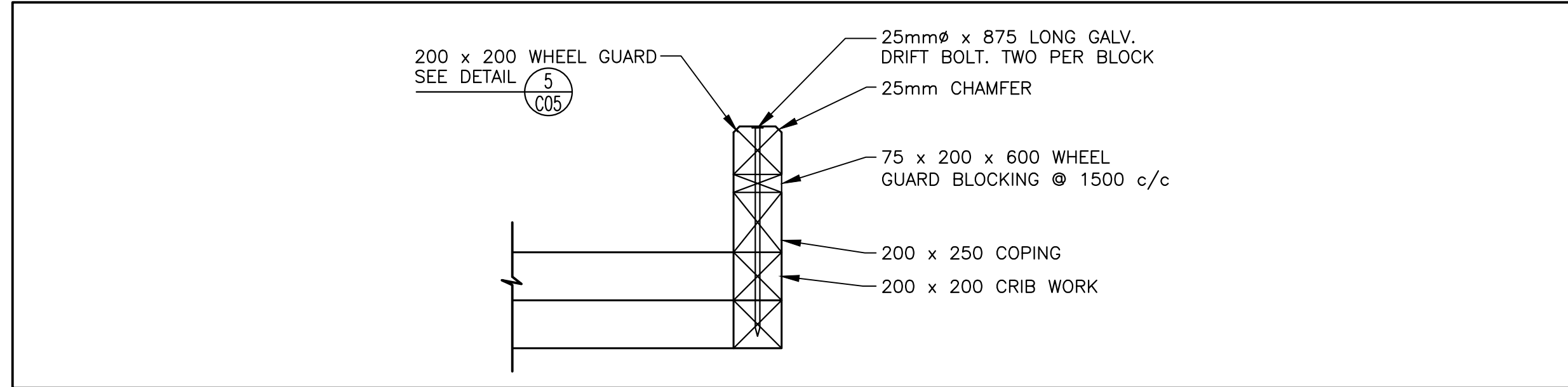
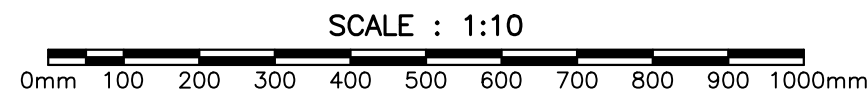
DETAIL-TYPICAL LADDER



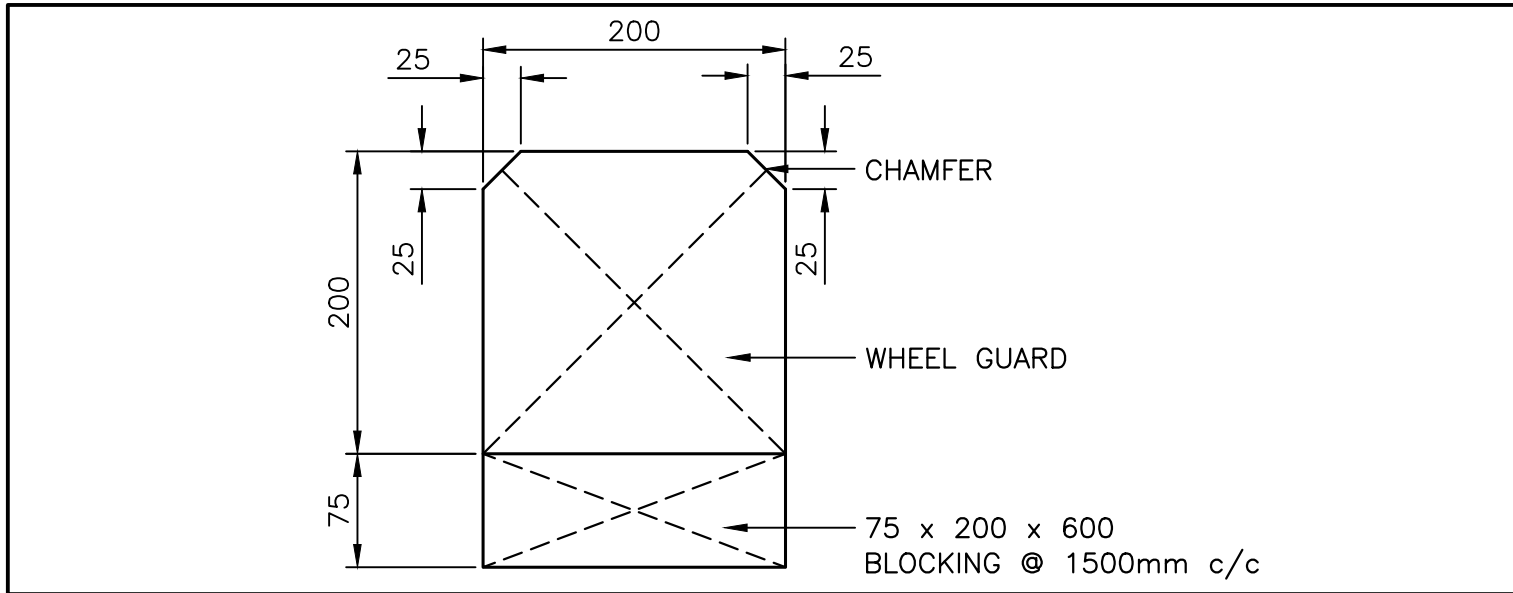
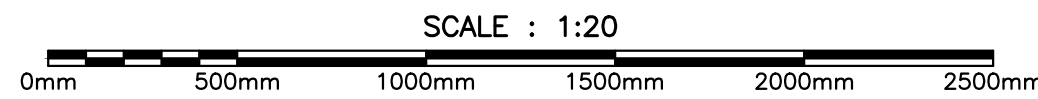
DETAIL-WHARF CONCRETE DECK REINFORCING



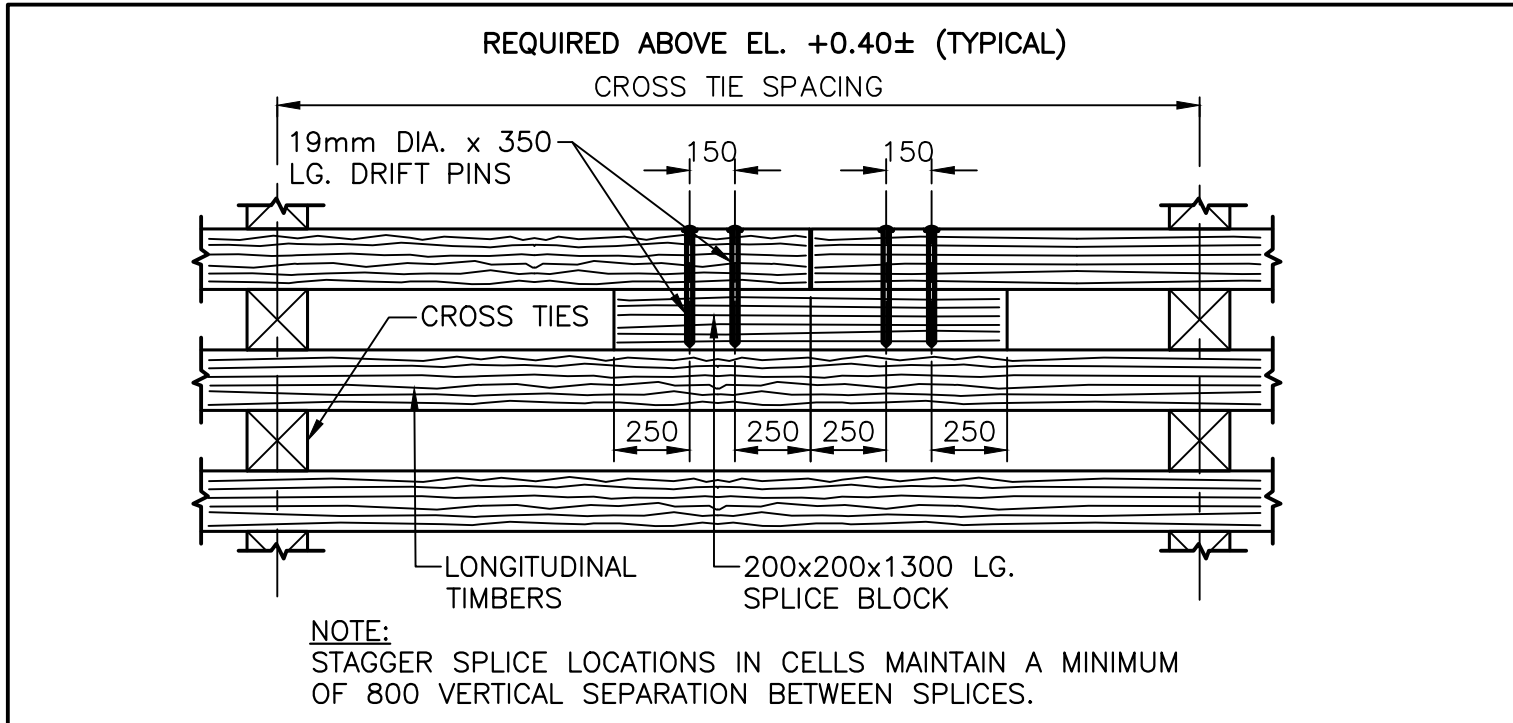
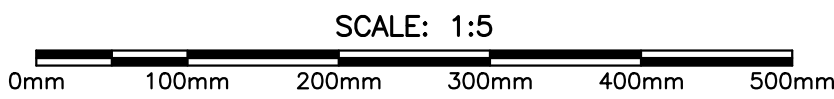
SECTION-STEEL ANGLE EDGING



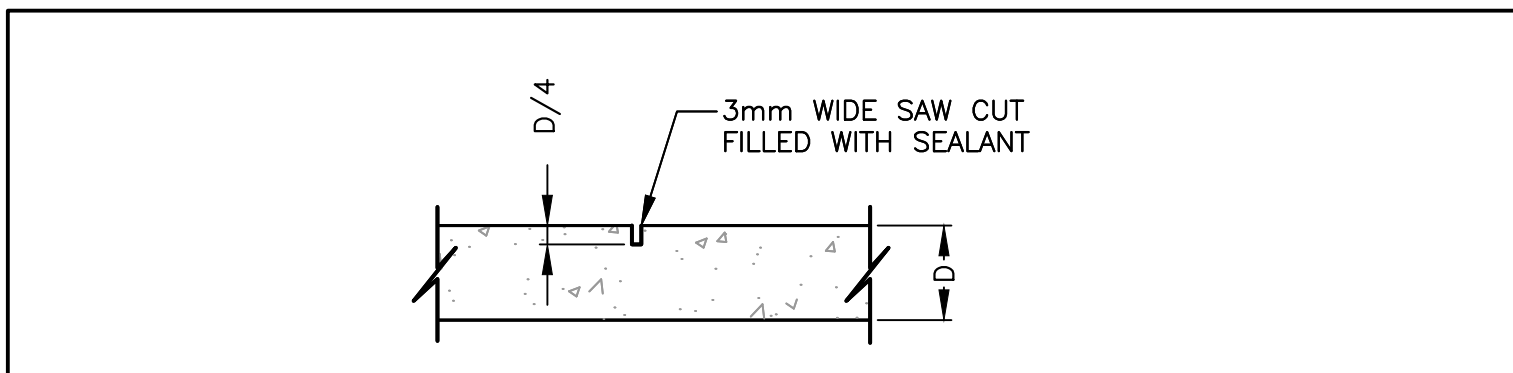
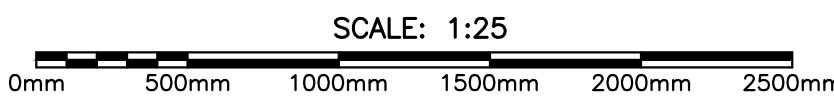
DETAIL-WHEEL GUARD AND COPING



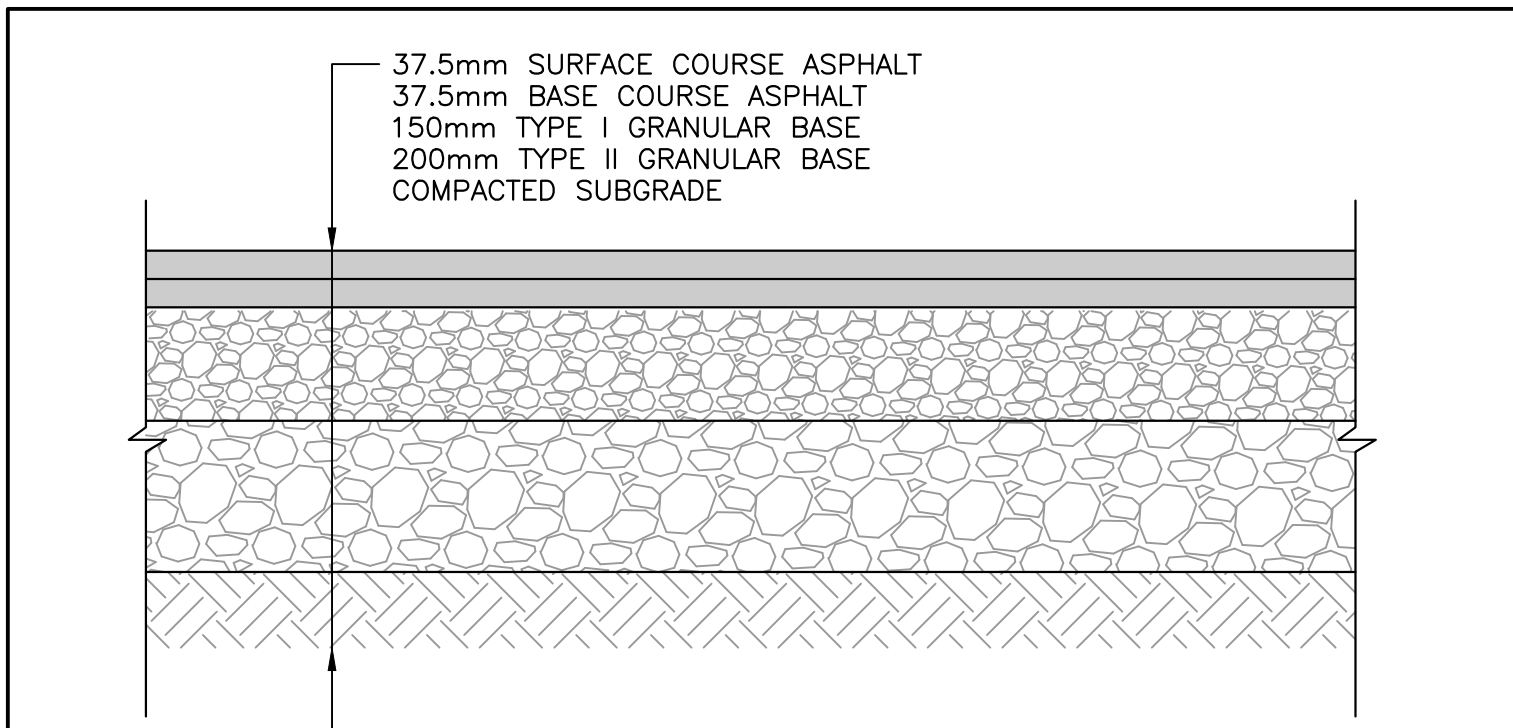
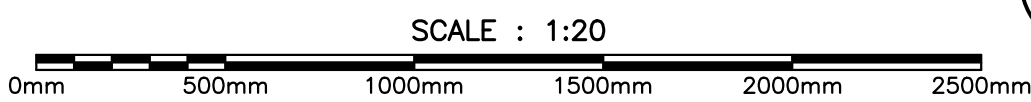
SECTION-WHEEL GUARD



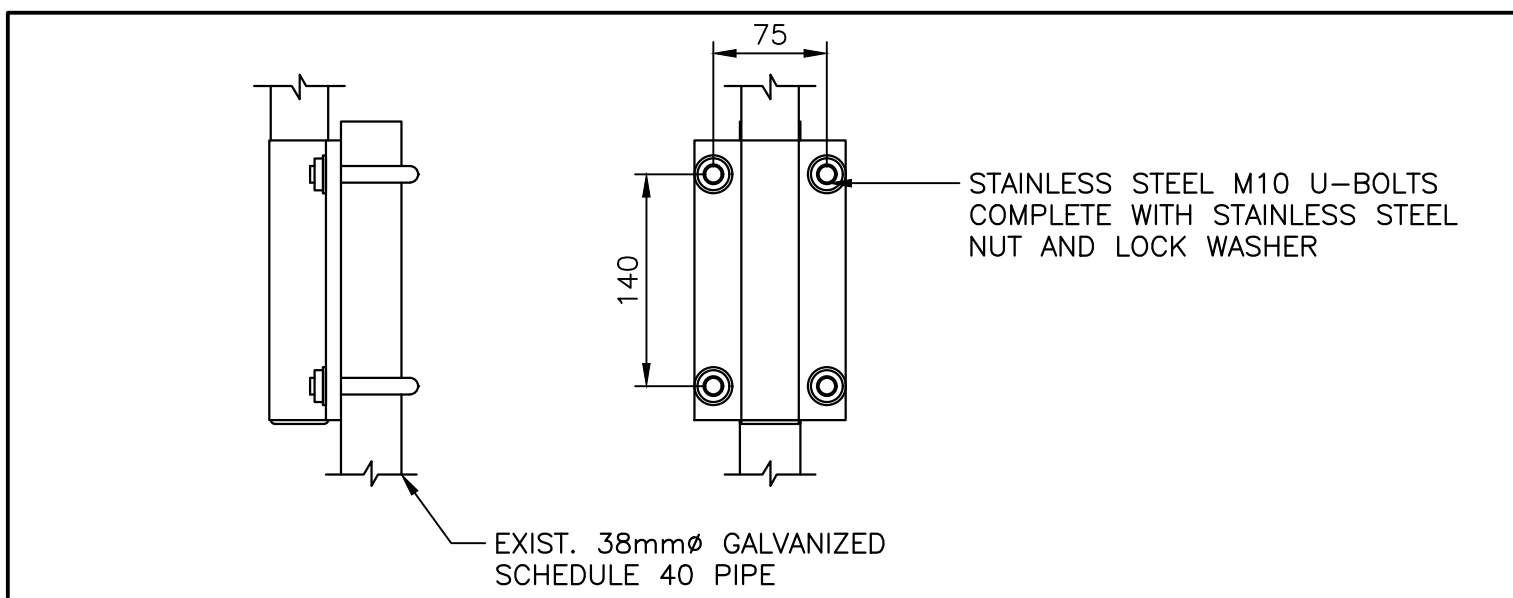
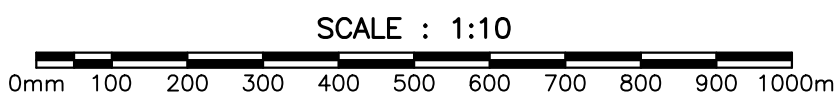
DETAIL-TYP. SPLICE IN LONGITUDINAL TIMBERS



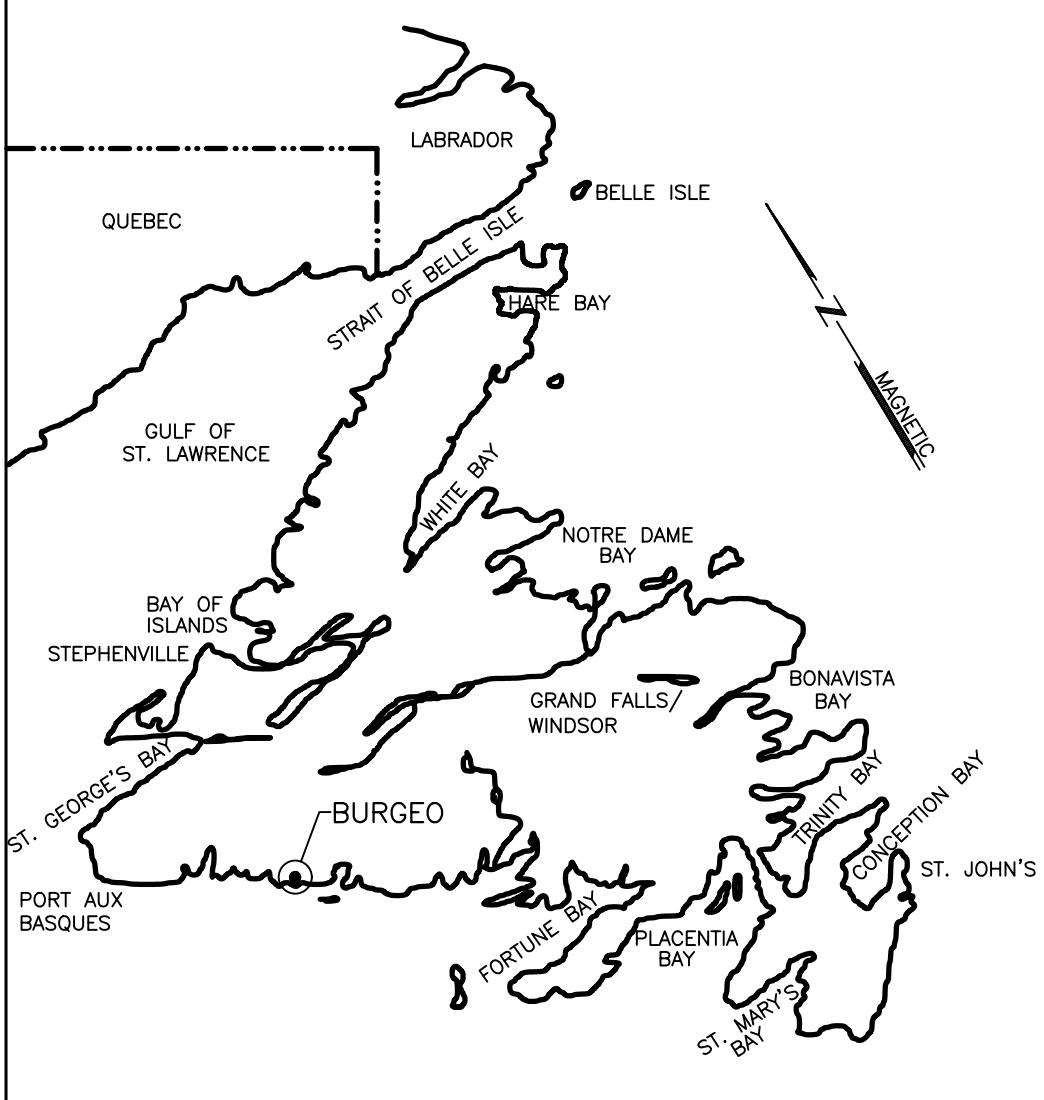
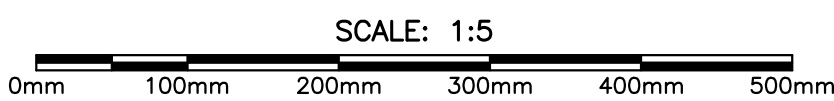
DETAIL-TYPICAL CONTROL JOINT



DETAIL-PAVEMENT STRUCTURE



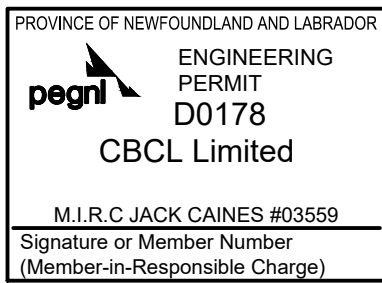
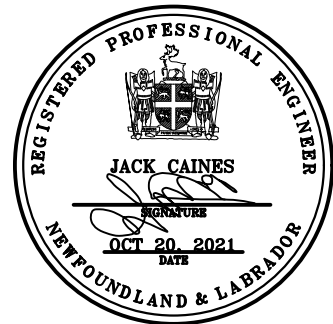
DETAIL - ANTENNA POLE MOUNT



KEY LOCATION PLAN

NOTES:

1. SEE DRAWING C01 FOR NOTES.

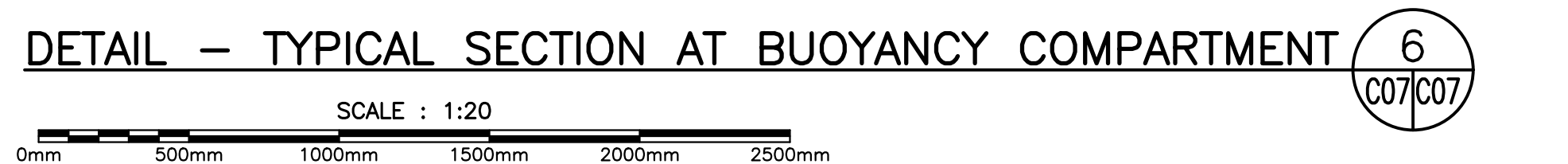
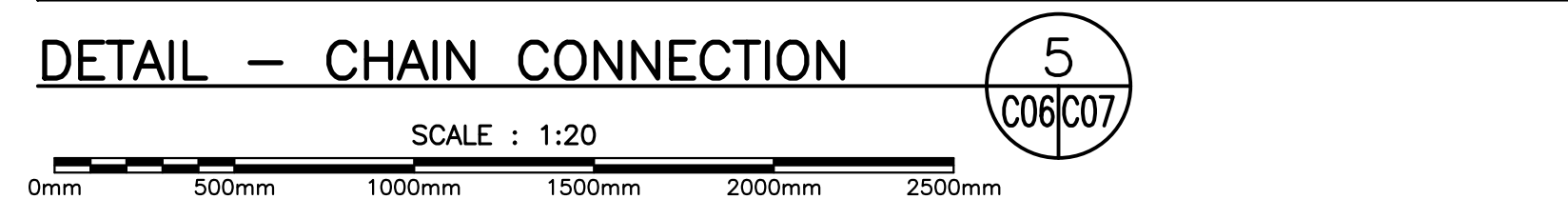
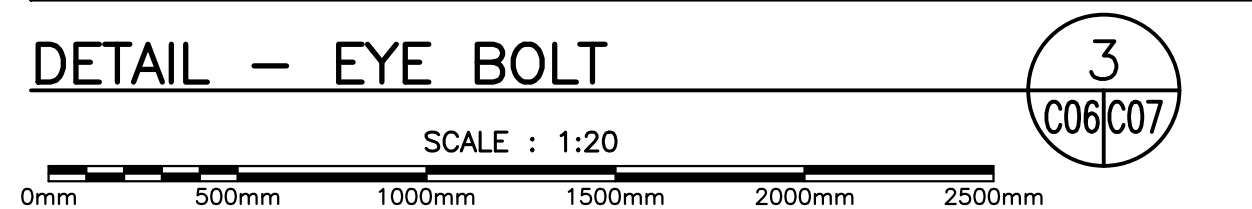
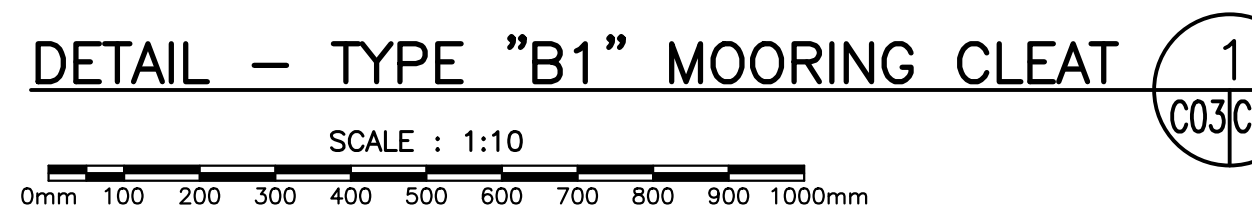


0	ISSUED FOR TENDER	OCT 20 2021	JRB	JRC
no.	revision	date	by	approved
no.	revision	date	par	approuvé

Project - projet
**FLOATING DOCK CONSTRUCTION -
BURGEO LIFEBOAT STATION
BURGEO, NL**

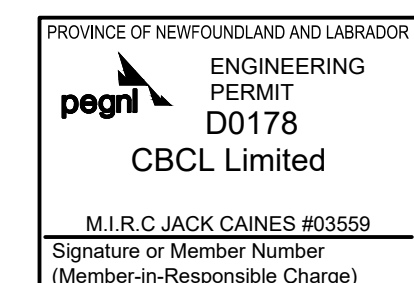
Drawing - dessin
CIVIL
SECTIONS AND DETAILS

drawn - dessiné JENNIFER BOYD	designed - dessiné par CALVIN HOLLETT
date - date JULY 20, 2021	checked - vérifié JACK CAINES
scale - échelle AS SHOWN	approved for tender - approuvé pour l'offre AS SHOWN
project no. - projet no. F6879-219215	drawing no. - no du dessin -
	sheet - feuille C05



NOTES:

1. SEE DRAWING C01 FOR NOTES.



0	ISSUED FOR TENDER	OCT 20 2021	JRB	JRC
no. no	revision revision	date date	by par	approved approve

Project - projet

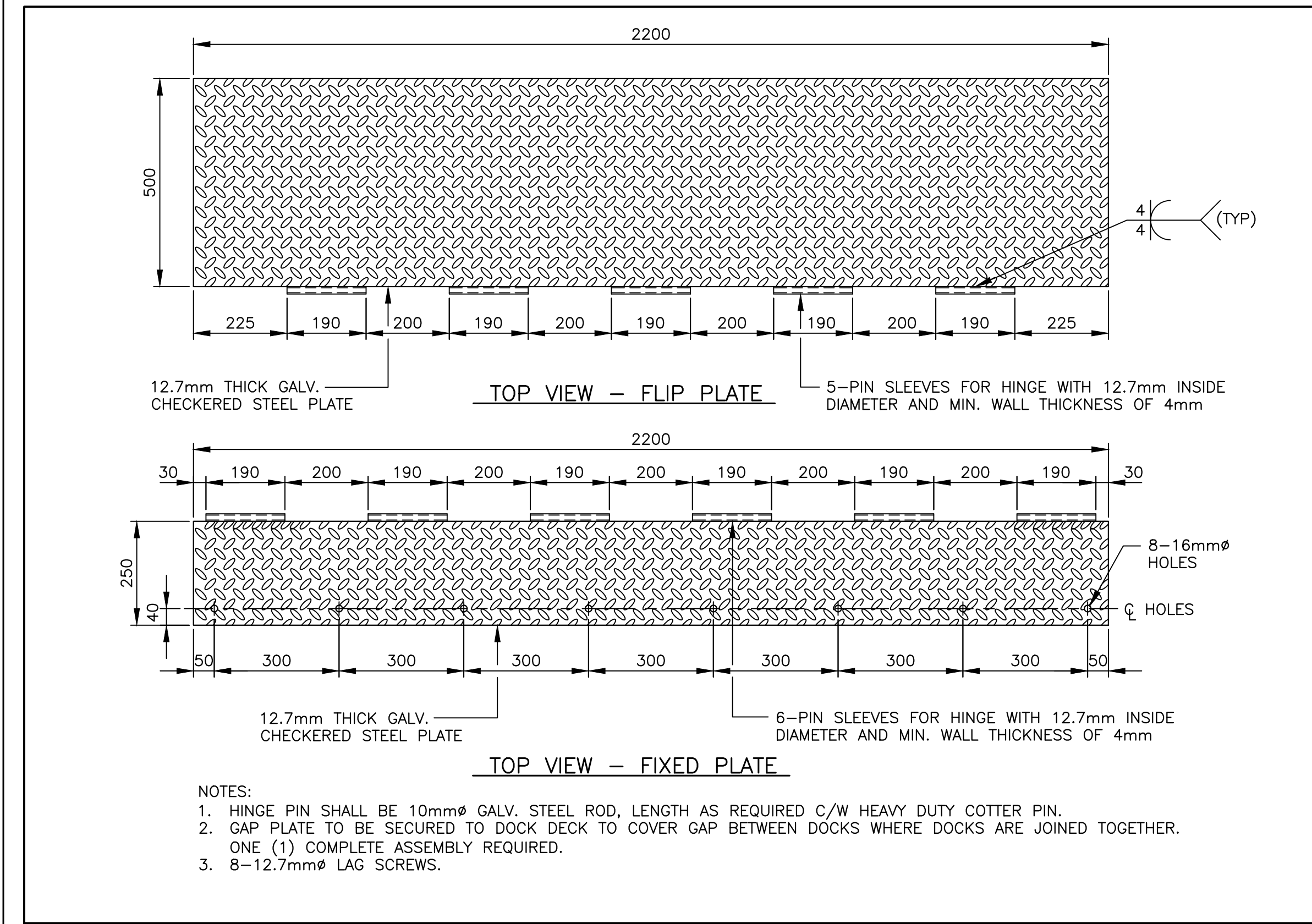
FLOATING DOCK CONSTRUCTION -
BURGEO LIFEBOAT STATION
BURGEO, NL

Drawing - dessin

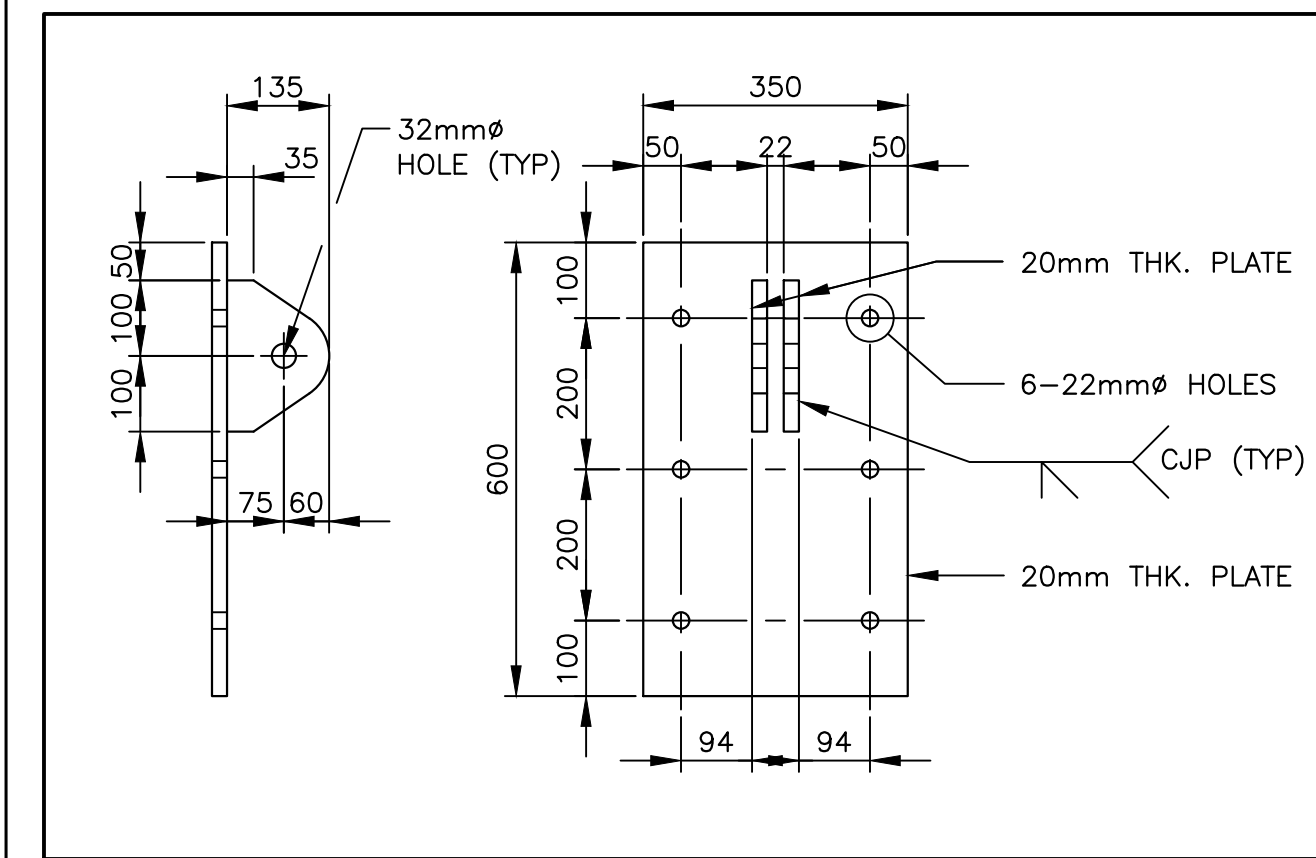
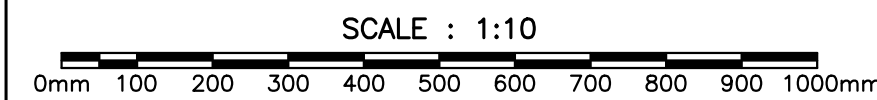
CIVIL

FLOATING DOCK DETAILS

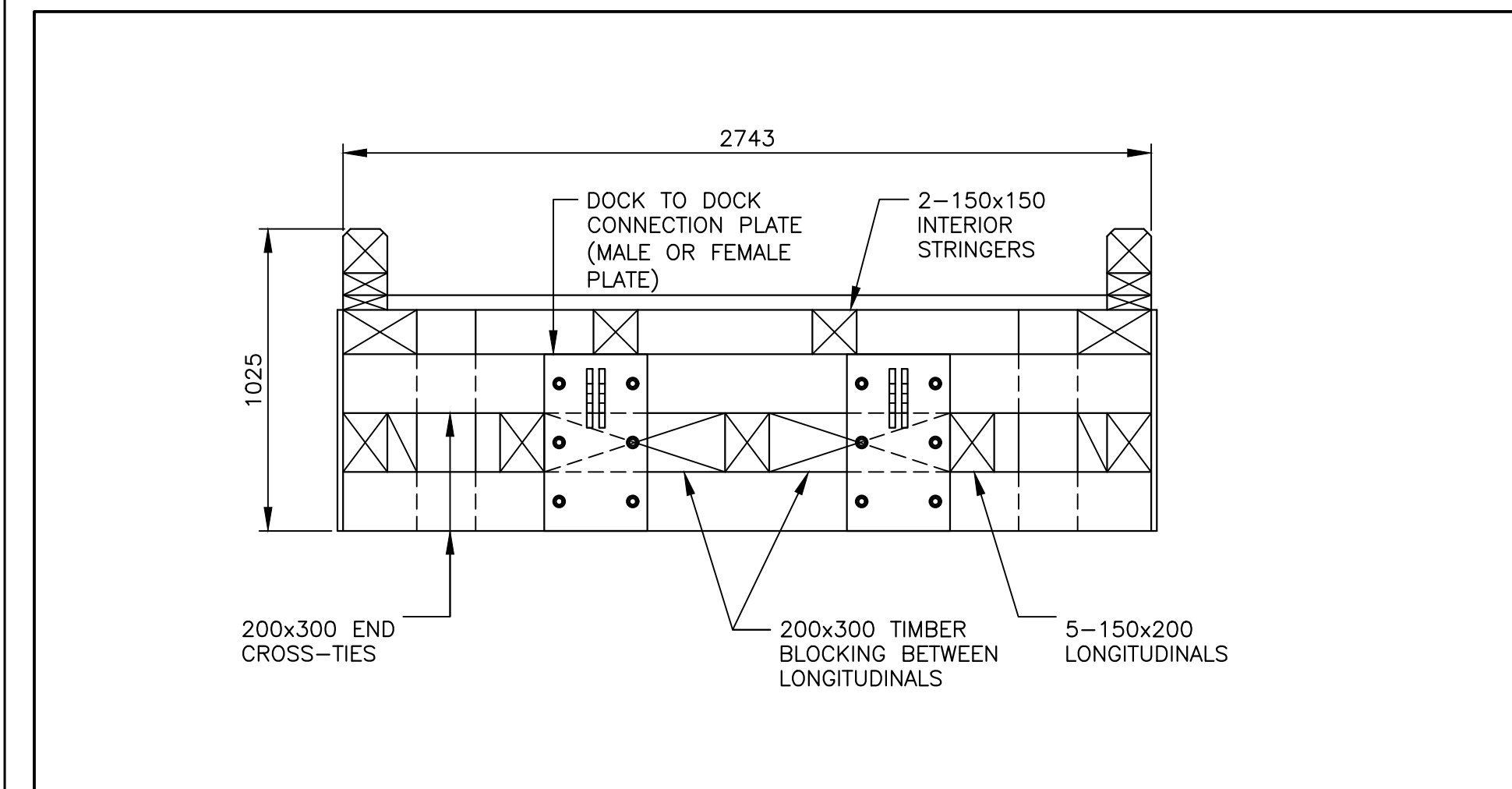
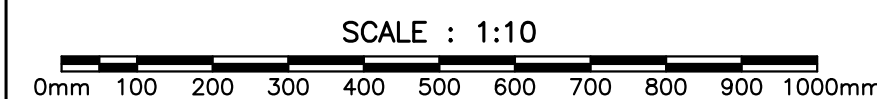
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project no. – projet no. F6879-219215	drawing no. – no du dessin —	sheet – feuille C07	



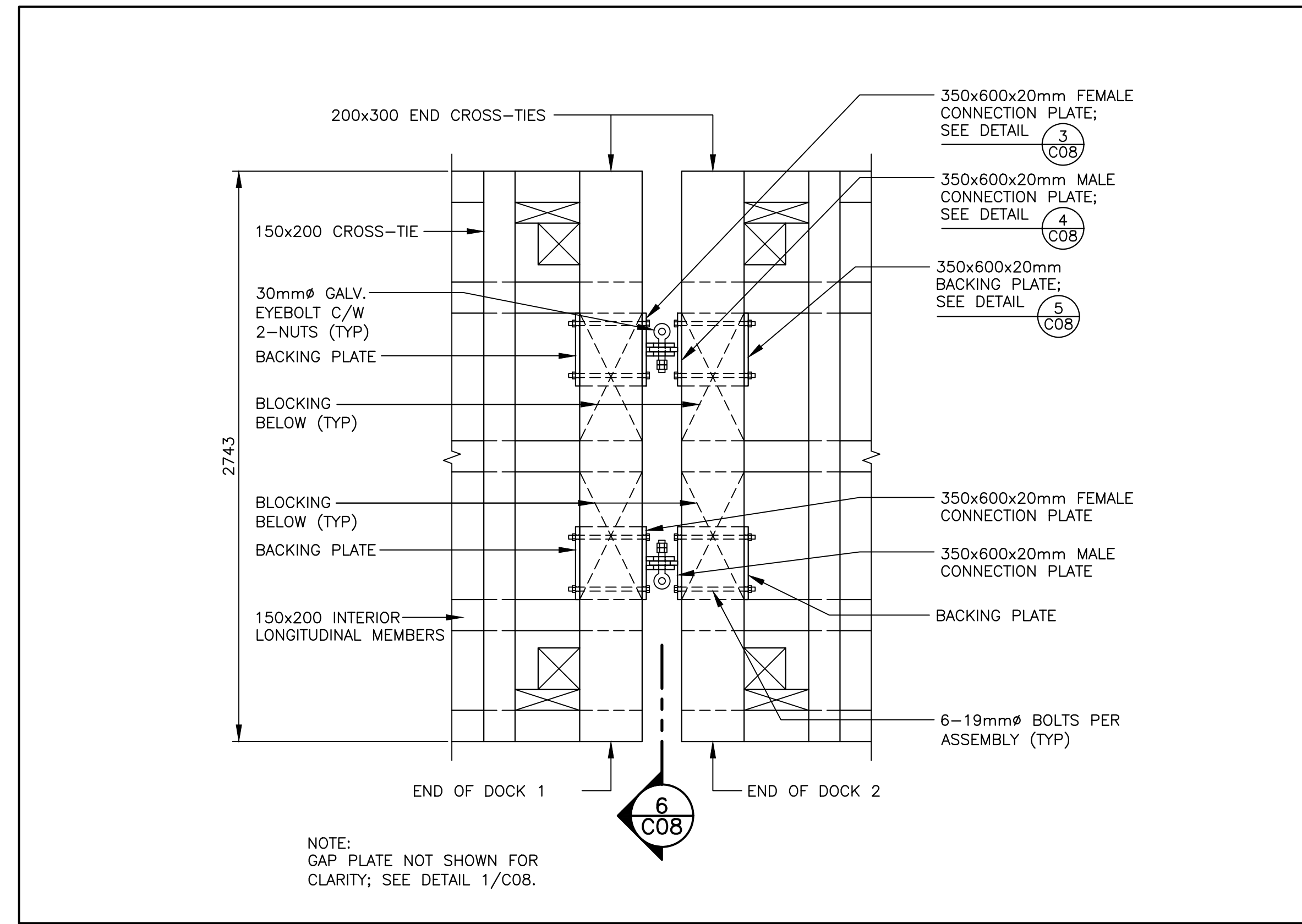
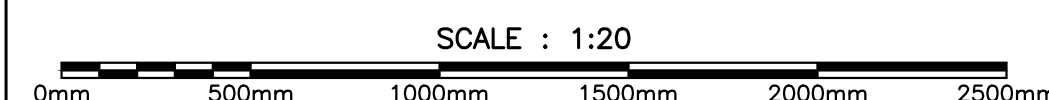
DETAIL — FLOATING DOCK GAP PLATE 1
C08/C08



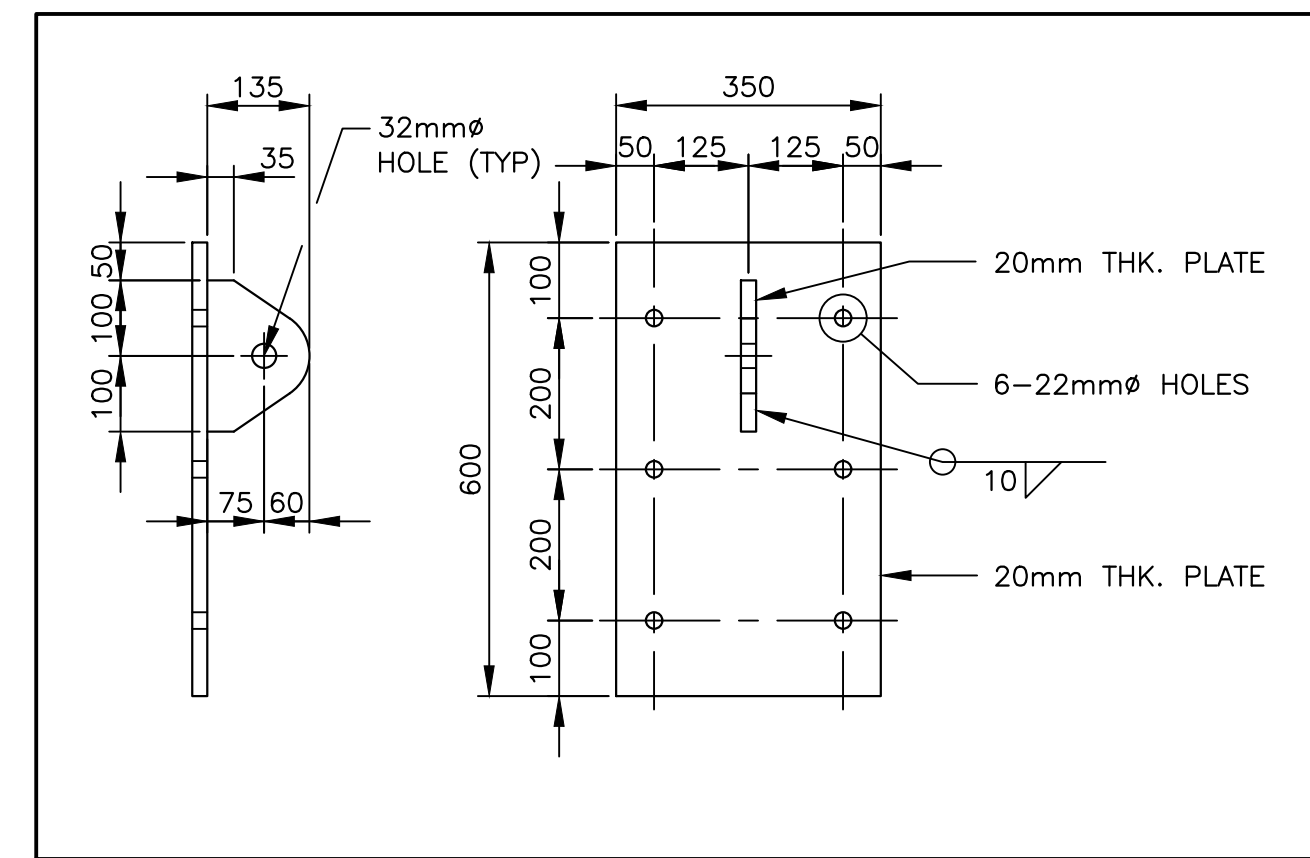
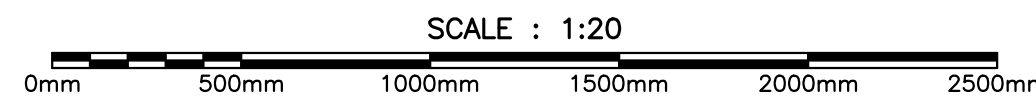
DETAIL — FEMALE CONNECTION PLATE 3
C08/C08



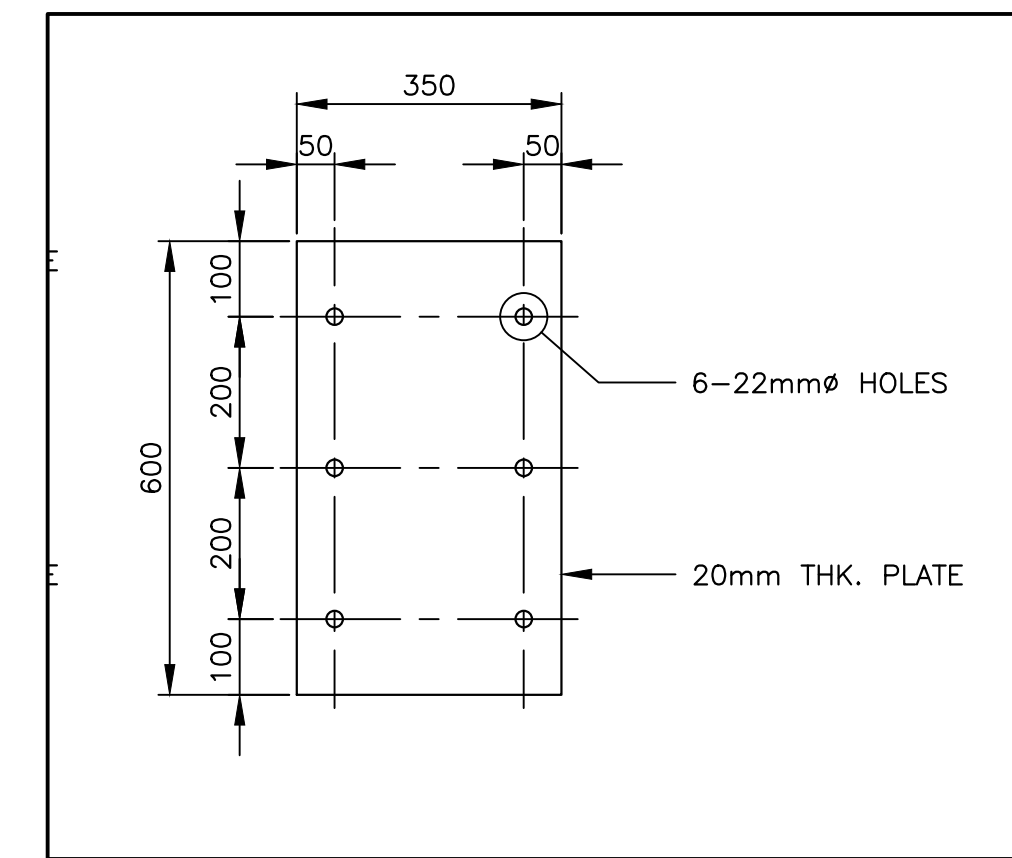
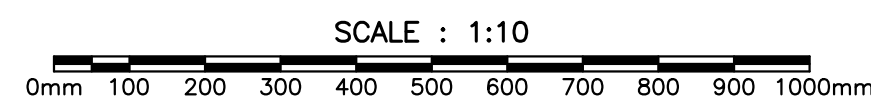
DETAIL — TYPICAL END ELEVATION AT CONNECTION PLATES 6
C08/C08



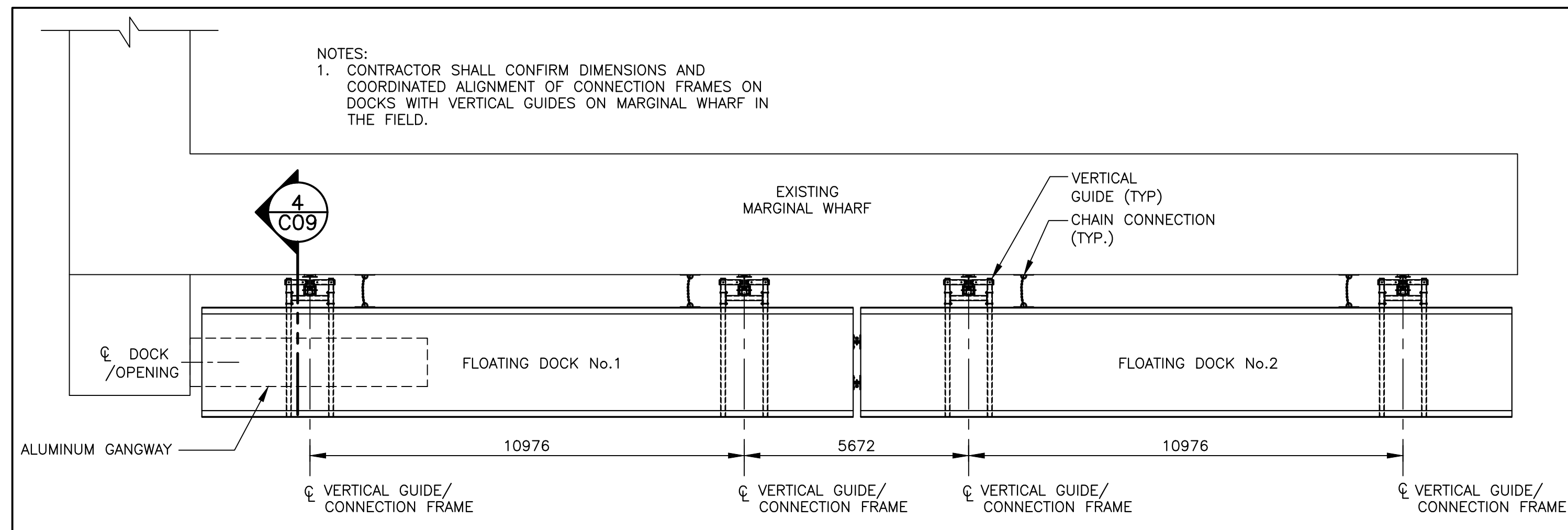
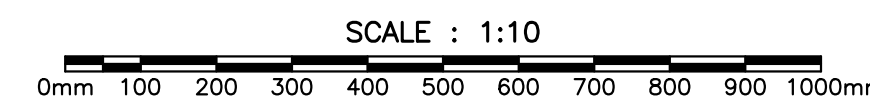
PLAN — DOCK TO DOCK END CONNECTIONS 2
C06/C08



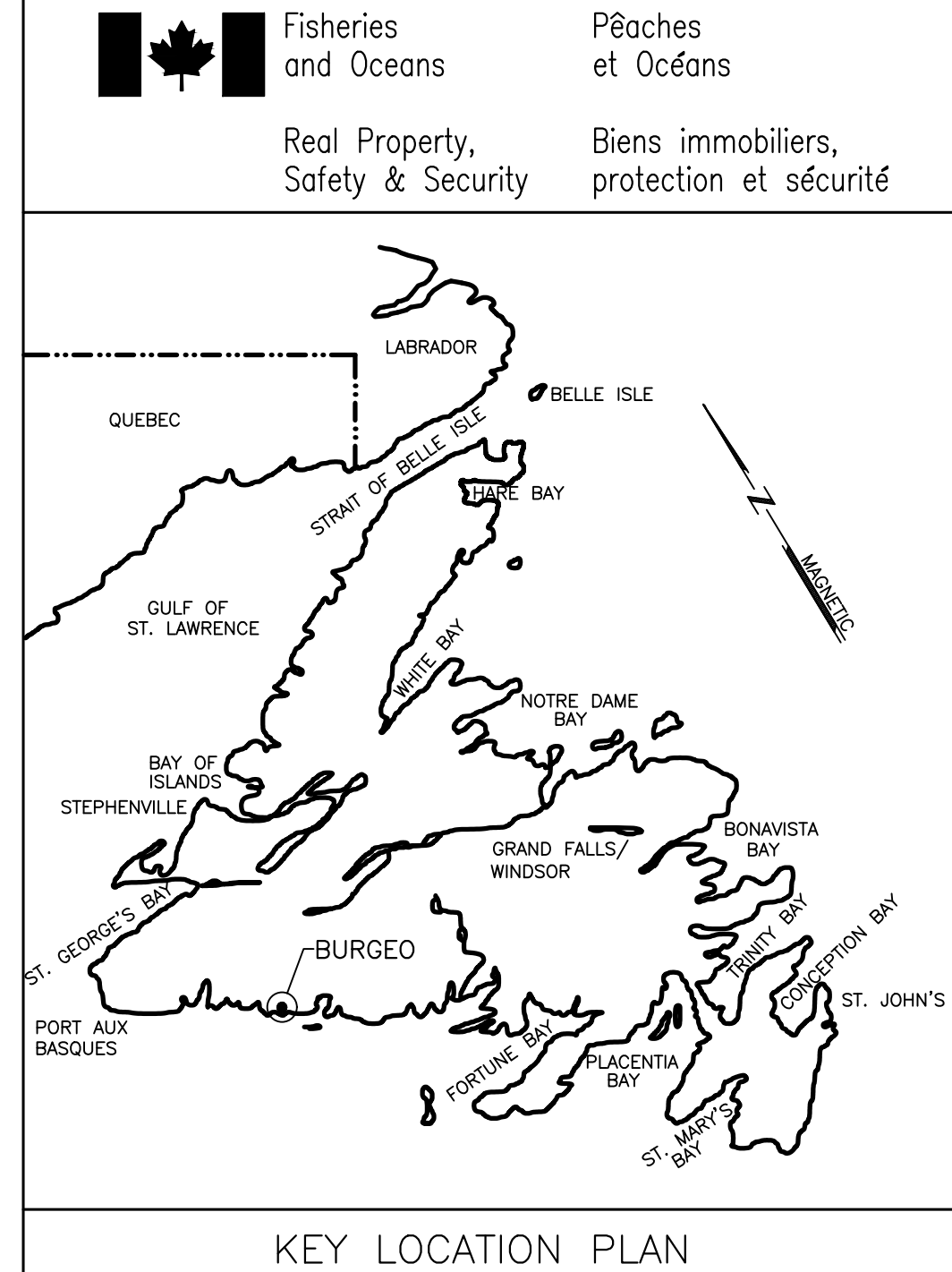
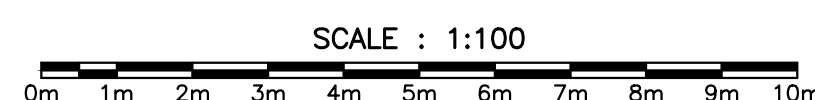
DETAIL — MALE CONNECTION PLATE 4
C08/C08



DETAIL — BACKING PLATE 5
C08/C08



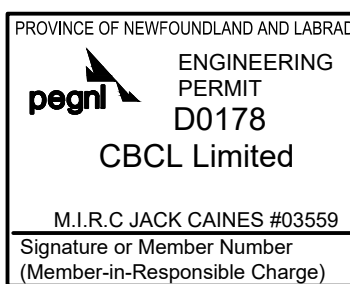
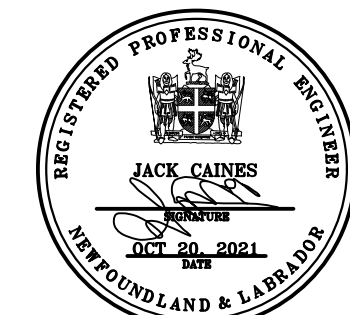
PLAN — EXIST. MARGINAL WHARF WITH ATTACHED FLOATING DOCK 7
C08/C08



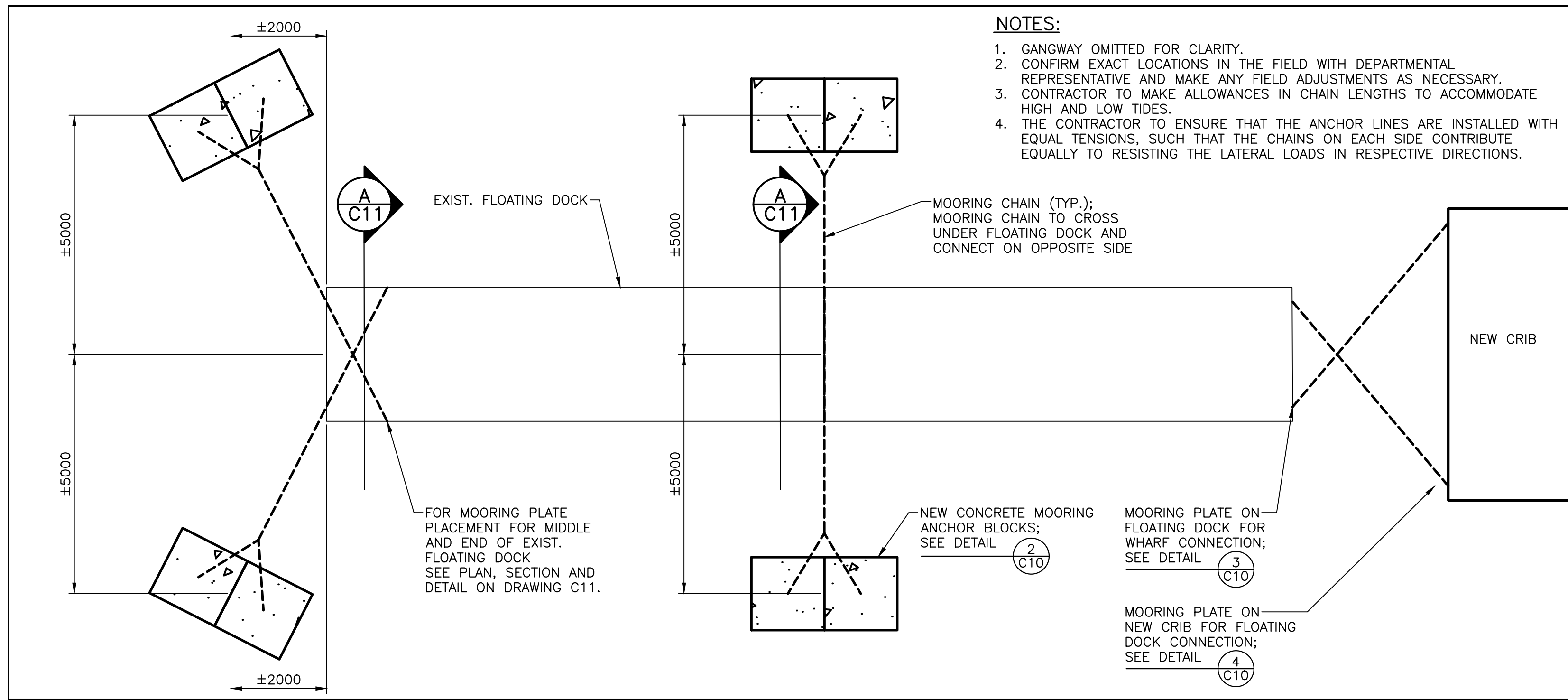
KEY LOCATION PLAN

NOTES:

- SEE DRAWING C01 FOR NOTES.

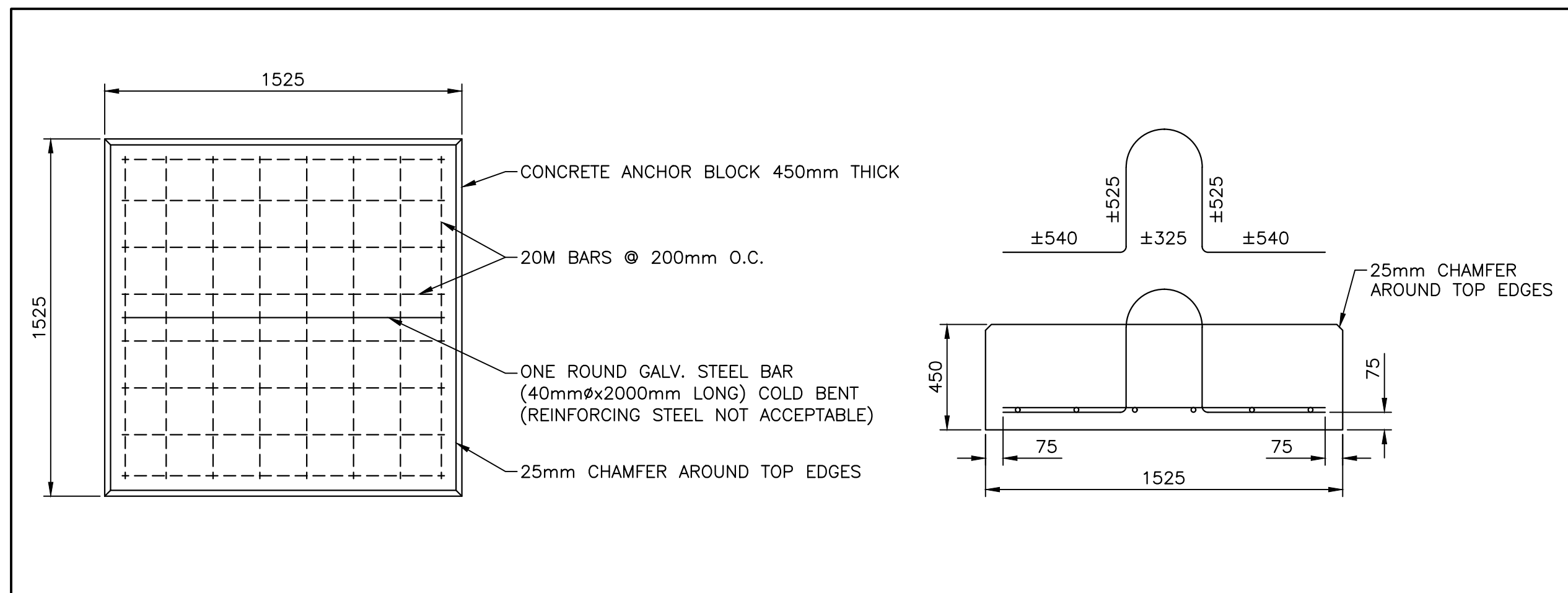


0	ISSUED FOR TENDER	OCT 20 2021	JRB	JRC
no.	revision	date	by	approved
no.	revision	date	par	approve
Project — projet				
FLOATING DOCK CONSTRUCTION — BURCEO LIFEBOAT STATION BURCEO, NL				
Drawing — dessin				
CIVIL				
FLOATING DOCK DETAILS				
drawn — dessine JENNIFER BOYD		designed — dessine par CALVIN HOLLETT		
date — date JULY 13, 2021		checked — vérifié JACK CAINES		
scale — échelle AS SHOWN		approved for tender — approuvé pour l'offre		
project no. — projet no. F6879-219215		drawing no. — no du dessin —		sheet — feuille C08



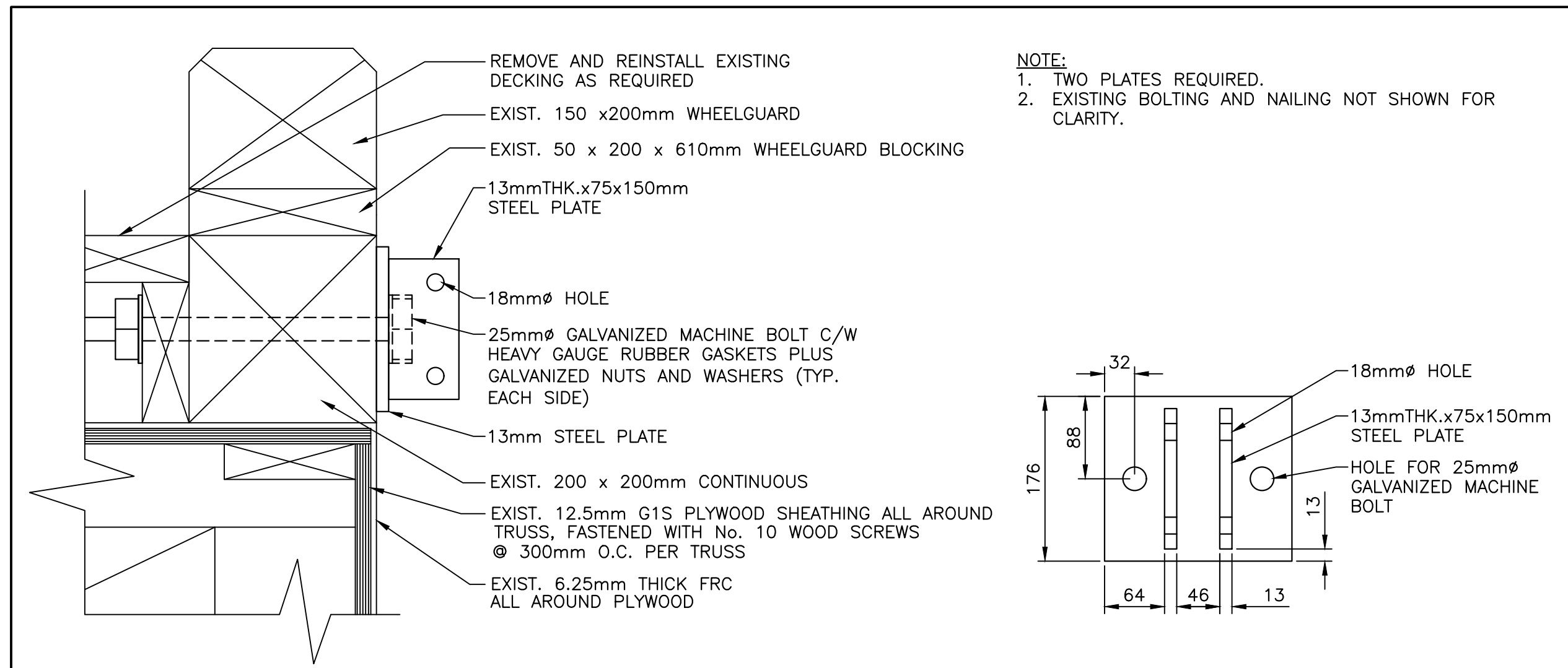
PLAN – ANCHOR BLOCK LAYOUT

SCALE : 1:75



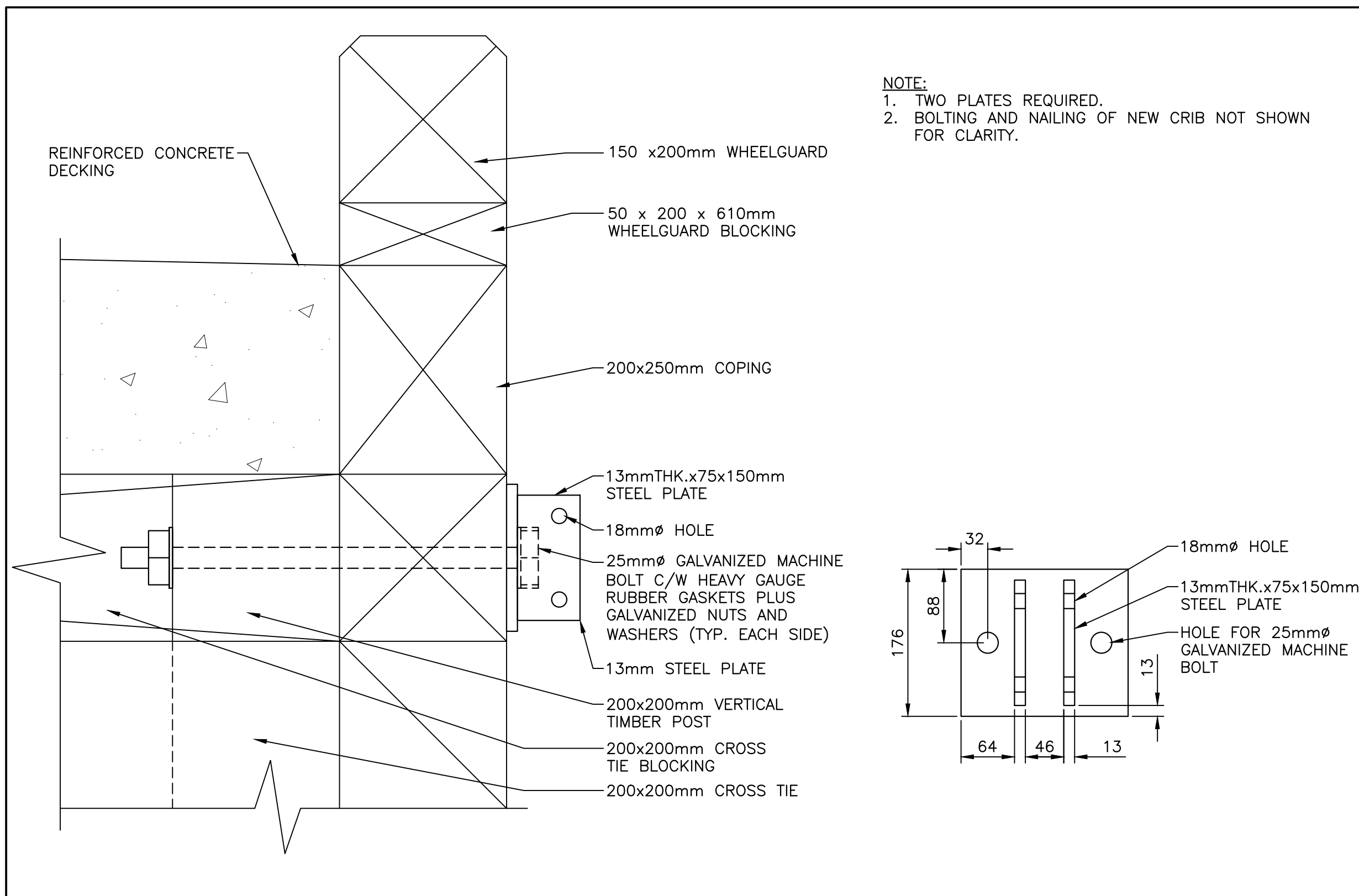
DETAIL – CONCRETE MOORING ANCHOR BLOCK

SCALE : 1:20



DETAIL – MOORING PLATE ON FLOATING DOCK FOR WHARF CONNECTION

SCALE : 1:5



DETAIL – MOORING PLATE ON NEW CRIB FOR FLOATING DOCK CONNECTION

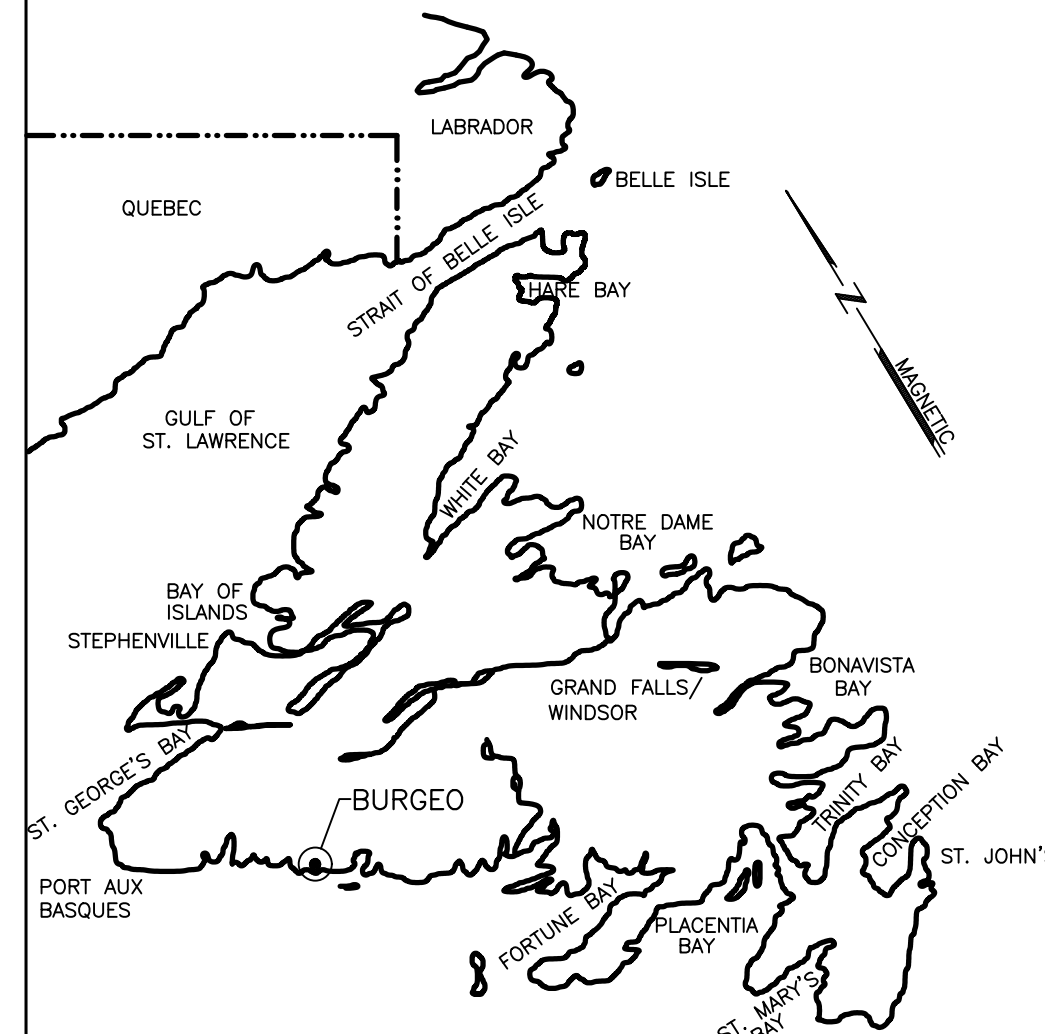
SCALE : 1:5

NOTES:

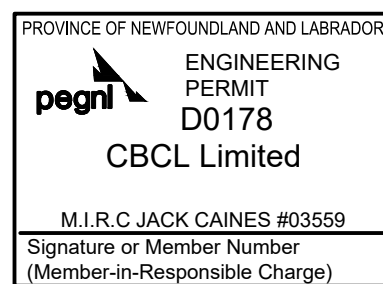
1. SEE DRAWING C01 FOR NOTES.
2. MINIMUM CONCRETE STRENGTH 35 MPa @ 28 DAYS.
3. REINFORCING STEEL YIELD STRENGTH 400 MPa.
4. REINFORCING STEEL SPLICES SHALL CONFORM TO A23.3, LATEST EDITION.
 - 20M = 850mm LAP
 - 15M = 650mm LAP
5. ALL REBAR TO HAVE MIN. COVER OF 75mm UNLESS OTHERWISE NOTED.
6. MOORING CHAIN SHALL BE NOMINAL 13mm, GRADE 43, GALVANIZE WELDED STEEL CHAIN WITH MINIMUM WORKING LOAD OF 4170Kg. ALL CHAIN CONNECTIONS TO BE FASTENED WITH STAINLESS STEEL SHACKLES.
7. CHAIN SHACKLES TO HAVE ALLOWABLE WORKING LOAD EQUAL TO, OR GREATER THAN, THE ALLOWABLE WORKING LOAD OF THE CHAIN BEING ATTACHED.
8. DESIGN CRITERIA, DESIGN FOR MOORING BLOCKS AND LINES::
 - WIND SPEED = 120 KM/HR
 - MAX. PROJECTED WIND AREA OF DOCKED VESSELS TO BE 35m²
9. PLACE POLYURETHANE ADHESIVE/SEALANT INTO HOLES BEFORE PLACING AND SETTING OF EYEBOLTS AND MACHINE BOLTS SONNEBORN PREMIUM OR APPROVED EQUAL.



Fisheries and Oceans
Pêches et Océans
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Biens immobiliers, protection et sécurité



KEY LOCATION PLAN



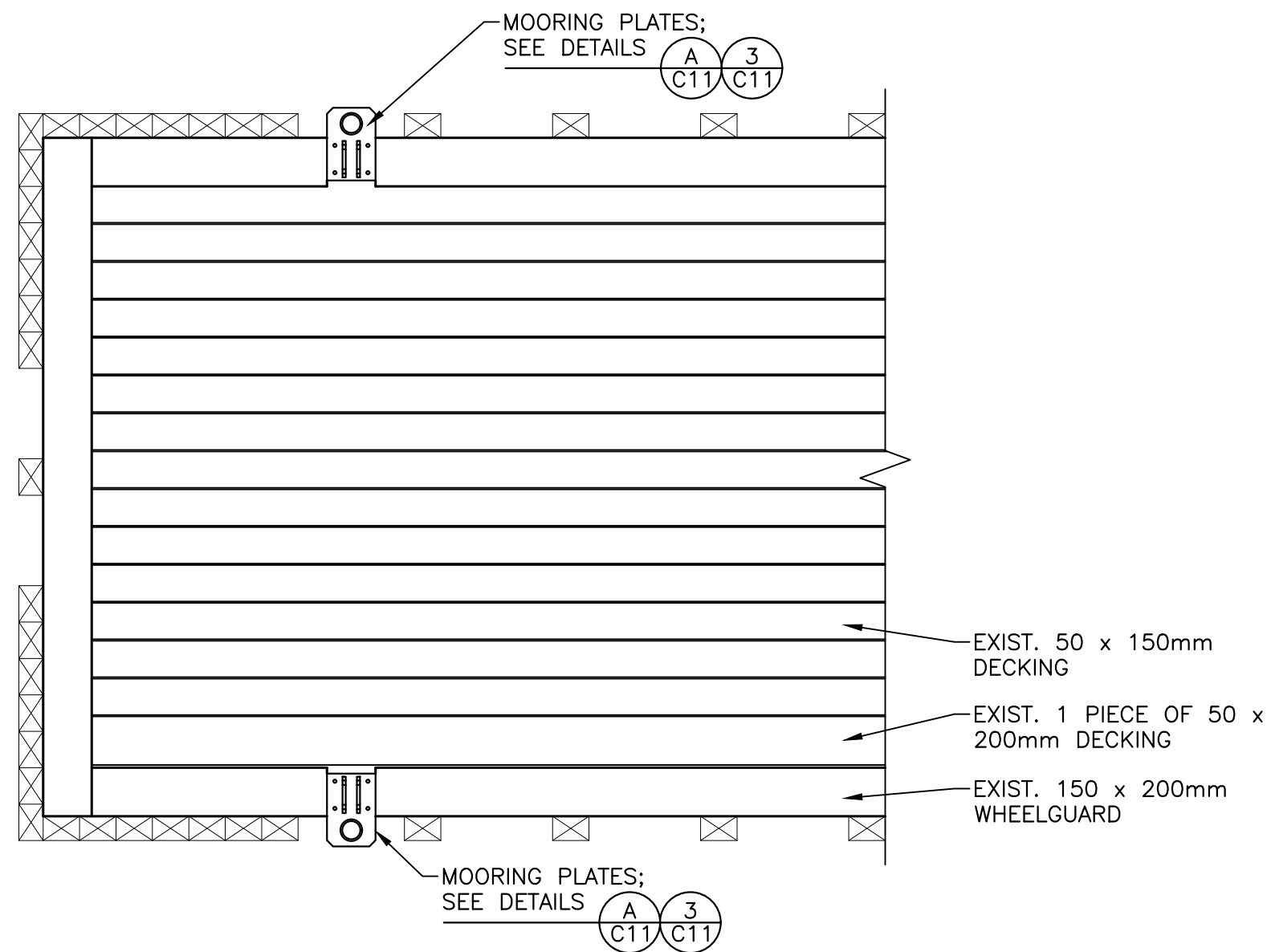
0	ISSUED FOR TENDER	OCT 20 2021	JRB	JRC
no.	revision	date	by	approved
no.	revision	date	par	approve

Project – projet
FLOATING DOCK CONSTRUCTION – BURGIO LIFEBOAT STATION – BURGIO, NL

Drawing – dessin
CIVIL
EXISTING FLOATING DOCK MODIFICATIONS AND DETAILS

drawn – dessiné JENNIFER BOYD	designed – dessiné par CALVIN HOLLETT
date – date SEPTEMBER 29, 2021	checked – vérifié JACK CAINES
scale – échelle AS SHOWN	approved for tender – approuvé pour l'offre
project no. – projet no. F6879–219215	drawing no. – no du dessin –
	sheet – feuille C10

- NOTES:
1. ATTACH PLATES WITH 13mmØ x 150mm LONG LAG SCREWS.
 2. SECURE 13mmØ MOORING CHAINS TO PLATES WITH 2-EA. 16mmØ x 150mm LONG MACHINE BOLT C/W DOUBLE NUTS.
 3. ALL HARDWARE TO BE GALVANIZED.
 4. HOLES FOR 13mmØ LAG SCREWS SHALL BE PRE-DRILLED WITH A MAXIMUM 6.25mmØ DRILL BIT. NO LARGER SIZE OF DRILL BIT WILL BE PERMITTED. NO REDRILLING OF HOLE TO WIDEN THE HOLE PERMITTED. TYPICAL ALL LOCATIONS.



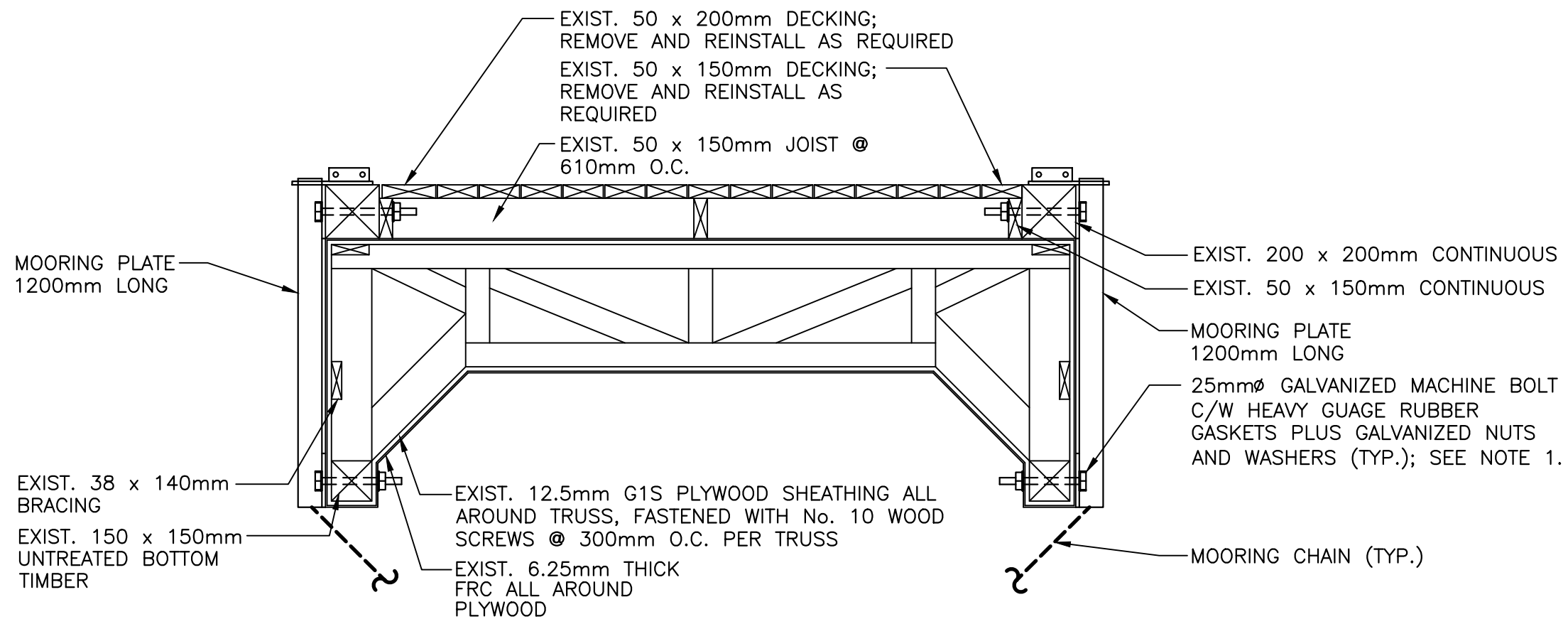
PLAN – MOORING PLATES PLACEMENT

1
- C11

SCALE : 1:25

0mm 500mm 1000mm 1500mm 2000mm 2500mm

- NOTE:
1. PLACE POLYURETHANE ADHESIVE/SEALANT INTO HOLES BEFORE PLACING AND SETTING OF EYEBOLTS AND MACHINE BOLTS SONNEBORN PREMIUM OR APPROVED EQUAL.
 2. EXISTING WHEEL GUARD, WHEEL GUARD BLOCKING, FENDERS, CHOCKS AND RIGID INSULATION NOT SHOWN FOR CLARITY.
 3. EXISTING WHEEL GUARD TO BE CUT AND REMOVED TO ACCOMMODATE PLACEMENT OF MOORING PLATES; INSERT WHEEL GUARD BLOCKING AT ENDS WHERE WHEEL GUARD IS CUT. APPLY WOOD TREATMENT TO CUT ENDS AND PAINT TO MATCH EXISTING.

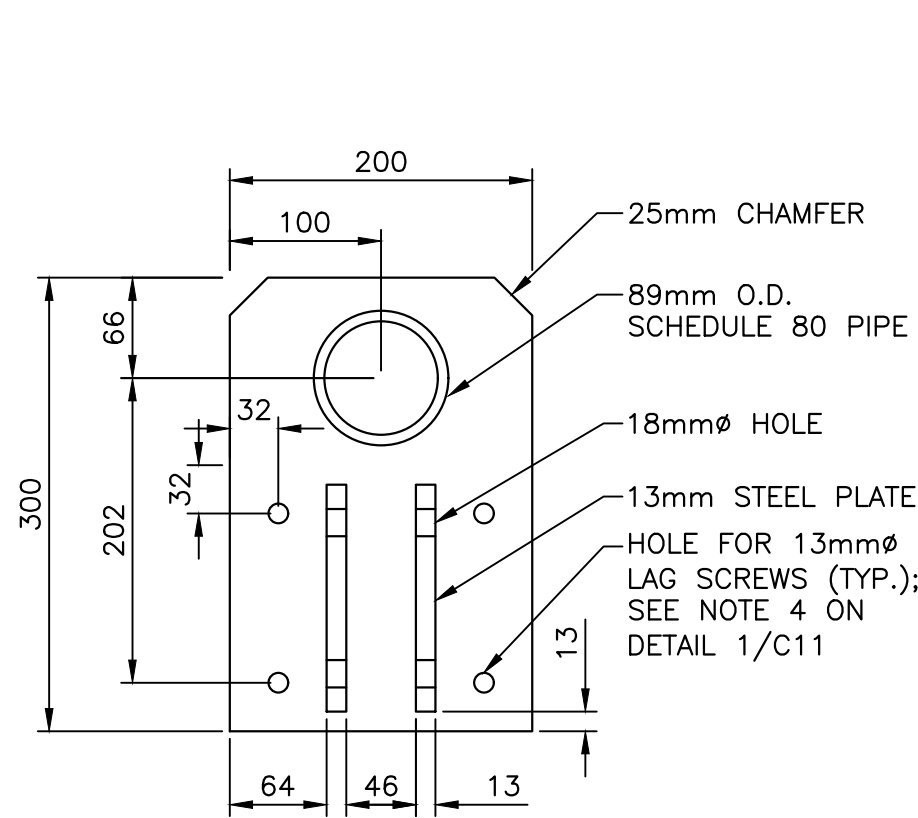


SECTION – MOORING PLATE PLACEMENT

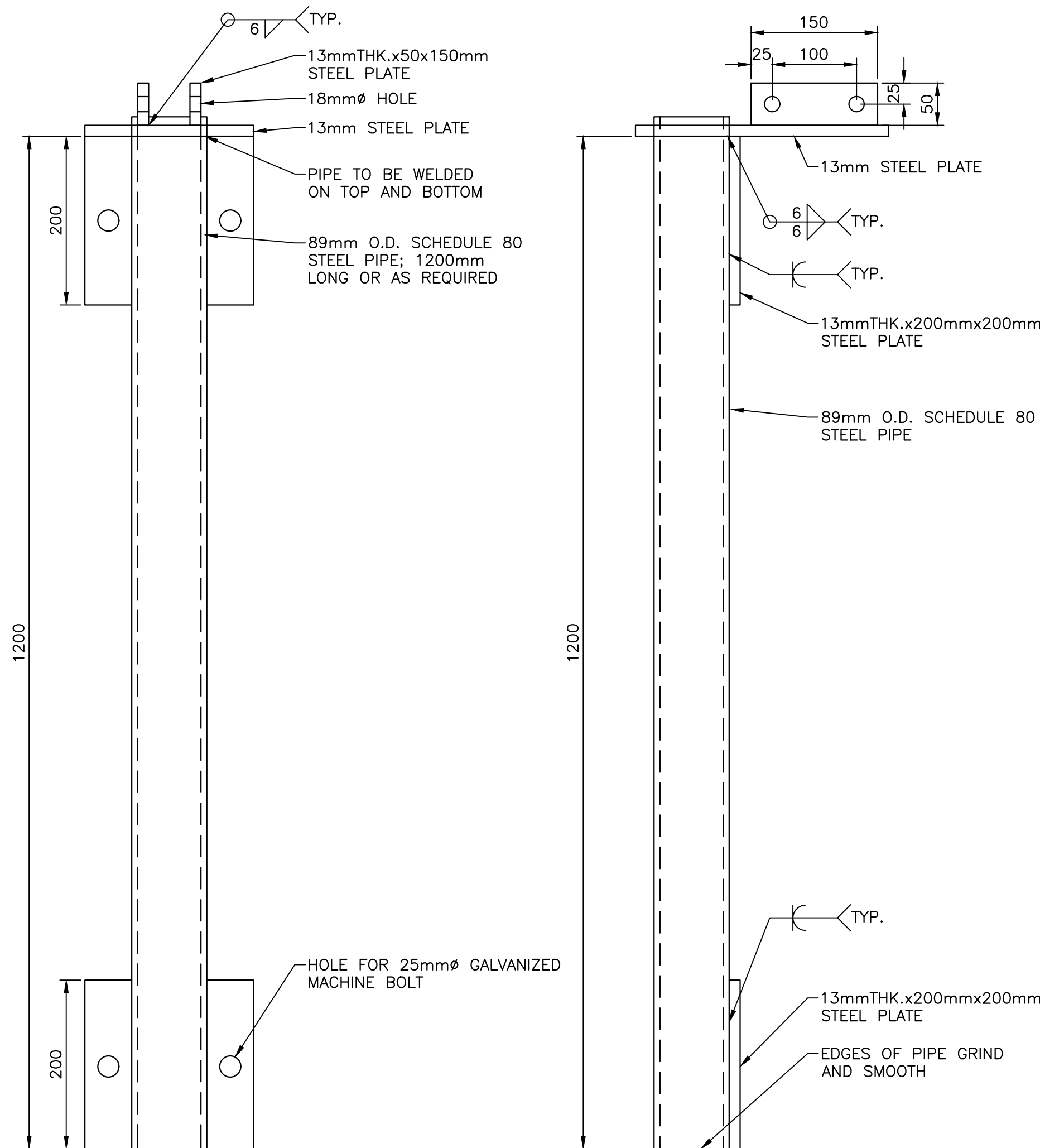
A
C11|C11

SCALE : 1:20

0mm 500mm 1000mm 1500mm 2000mm 2500mm



- NOTE:
1. FOUR PLATES REQUIRED.



DETAIL – MOORING PLATE HARDWARE

3
C11|C11

SCALE : 1:5

0mm 100mm 200mm 300mm 400mm 500mm

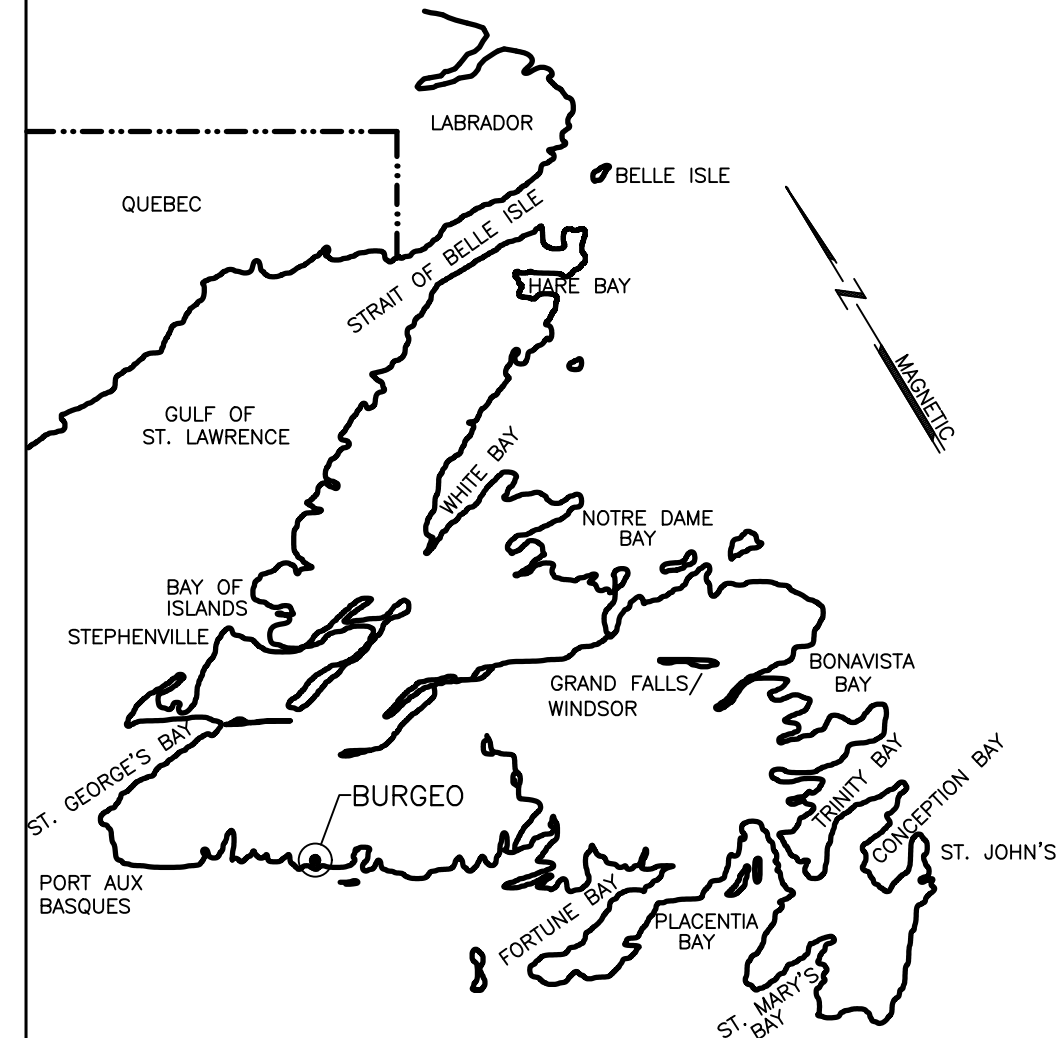


Fisheries
and Oceans

Pêches
et Océans

Real Property,
Safety & Security

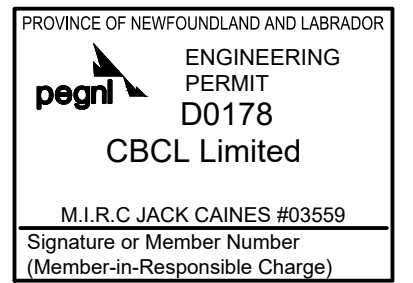
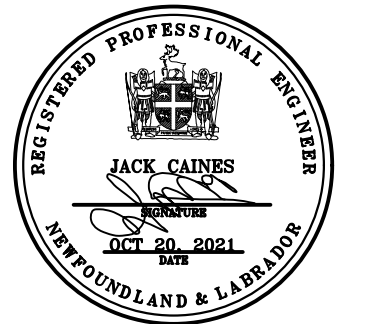
Biens immobiliers,
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KEY LOCATION PLAN

NOTES:

1. SEE DRAWING C01 AND C10 FOR NOTES.



0	ISSUED FOR TENDER	OCT 20 2021	JRB	JRC
no.	revision	date	by	approved
no.	revision	date	par	approuvé

Project – projet

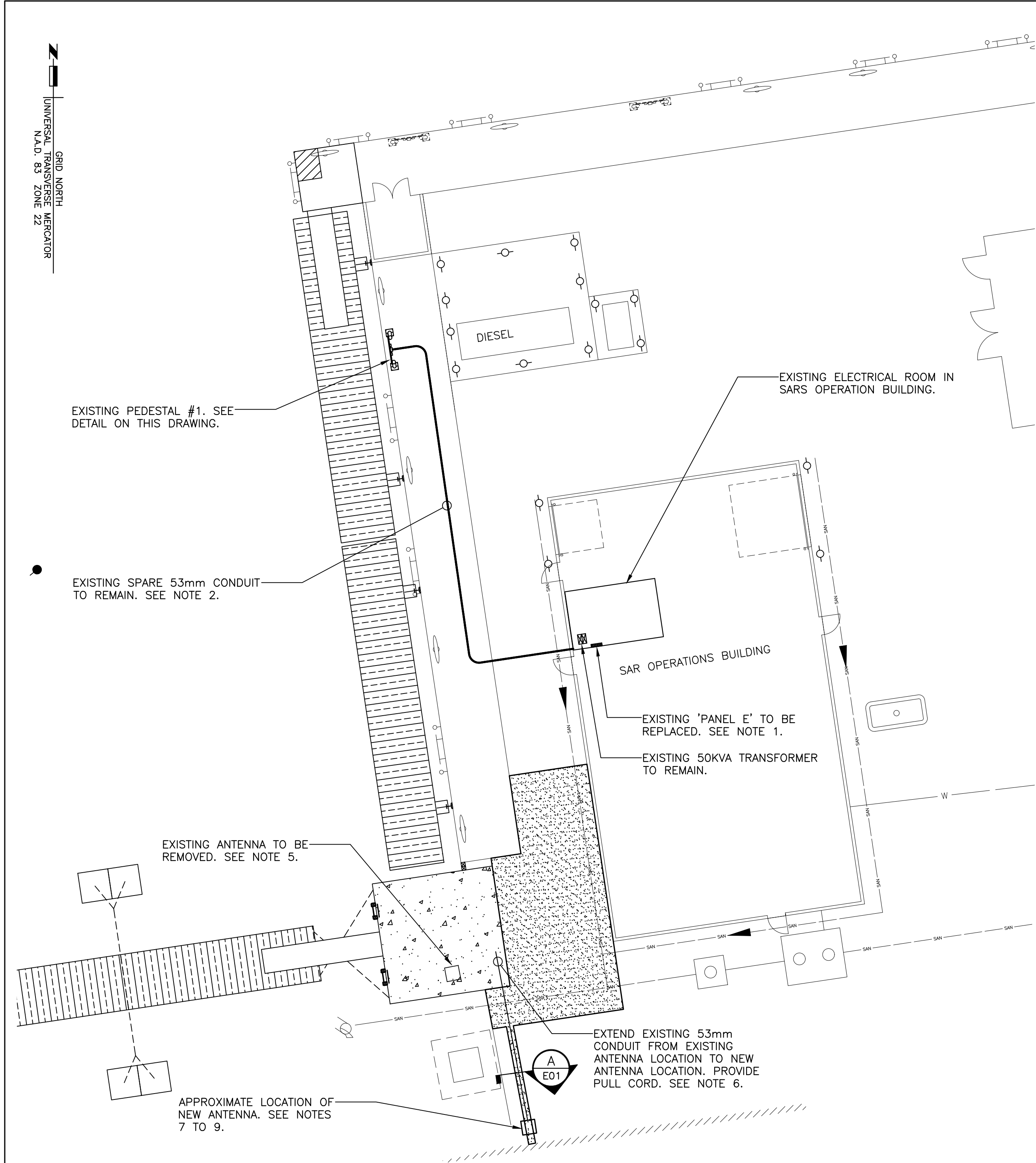
**FLOATING DOCK CONSTRUCTION –
BURGEO LIFEBOAT STATION
BURGEO, NL**

Drawing – dessin

CIVIL

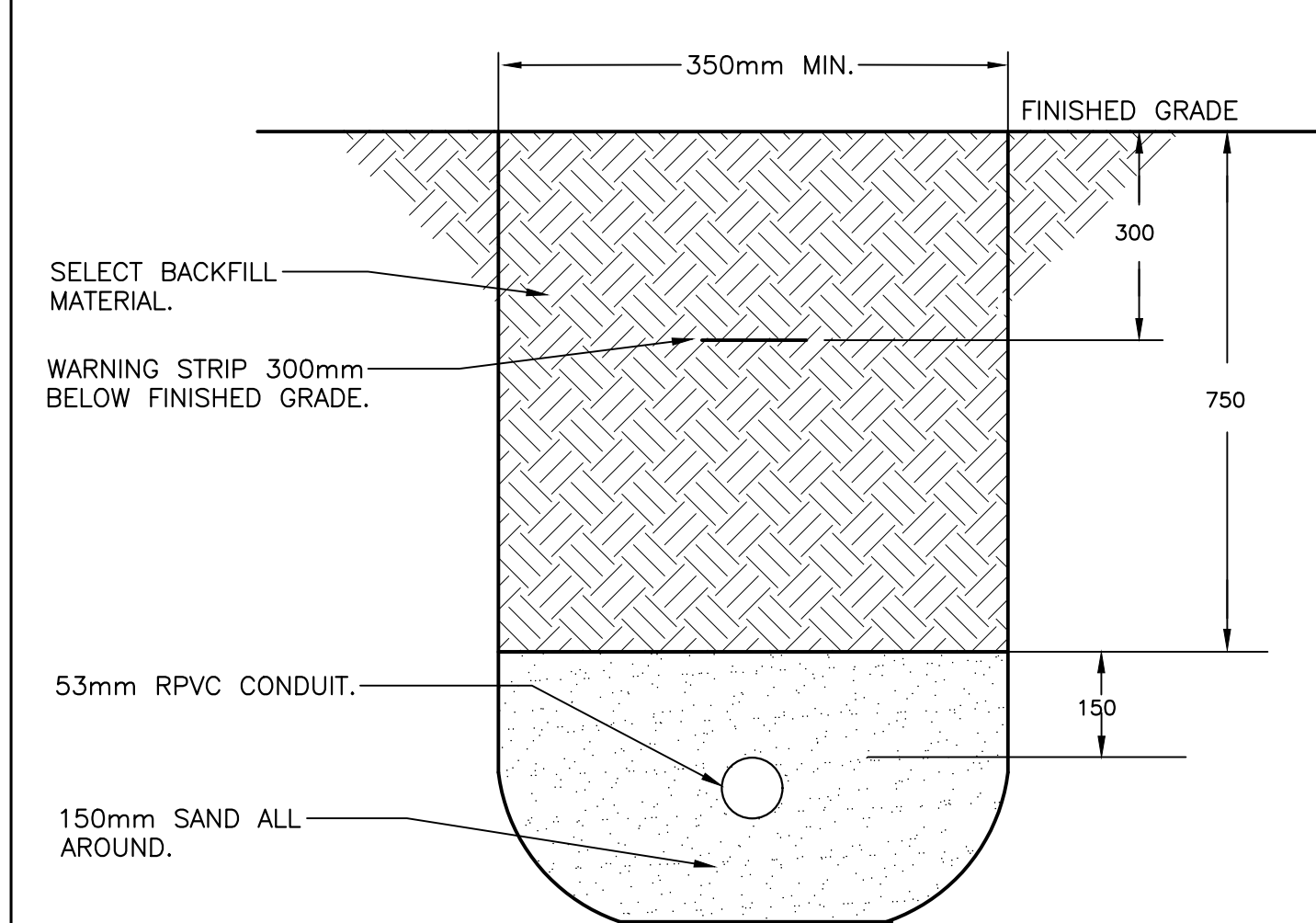
**EXISTING FLOATING DOCK
MODIFICATIONS AND DETAILS**

drawn – dessiné JENNIFER BOYD	designed – dessiné par CALVIN HOLLETT
date – date OCTOBER 17, 2021	checked – vérifié JACK CAINES
scale – échelle AS SHOWN	approved for tender – approuvé pour l'offre
project no. – projet no. F6879–219215	drawing no. – no du dessin –
	sheet – feuille C11



REVISED SITE PLAN

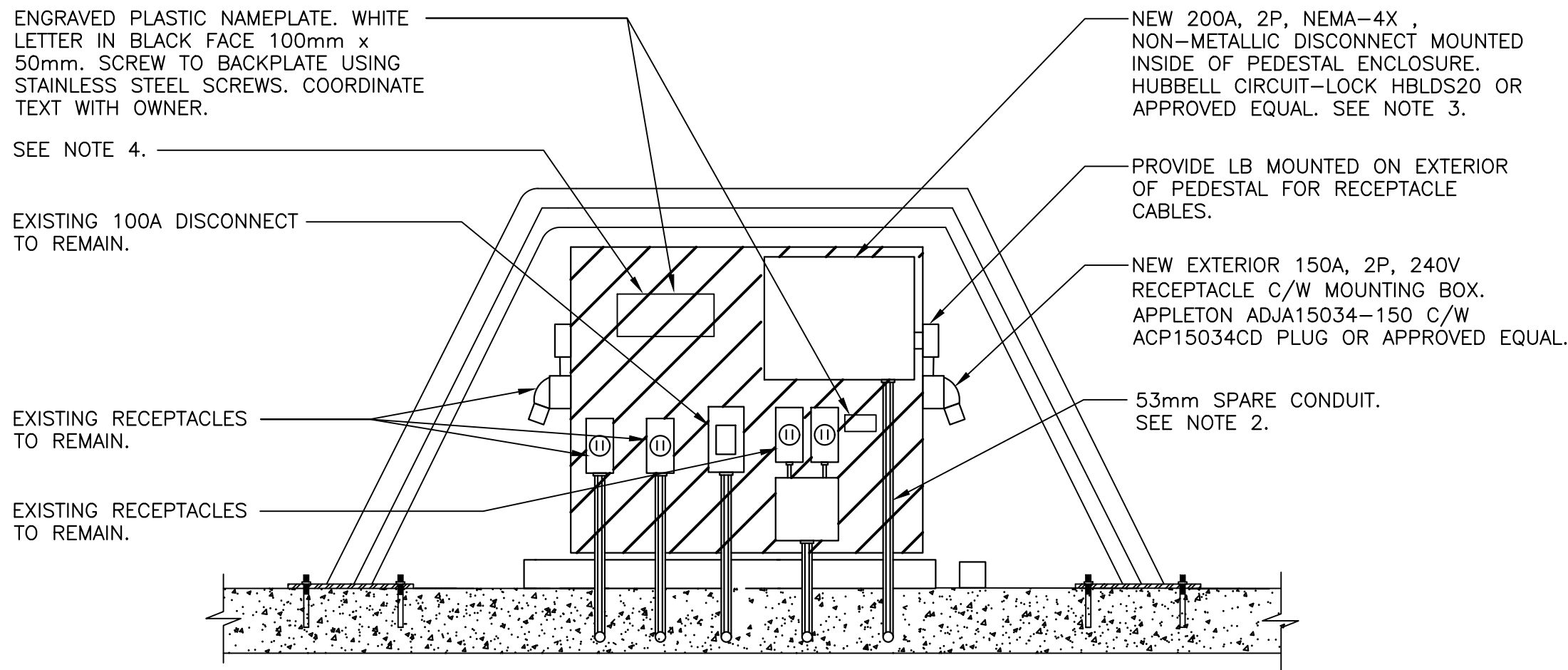
SCALE : 1:150



SECTION — TRENCH DETAIL
A E01 NTS. (SEE NOTES 11 THROUGH 15)

NOTES:

- EXISTING CH PRL1A, 400A, 120/240V, 1Ø, 3W, 24CCT PANEL TO BE REPLACED WITH NEW 400A, 120/240V, 1Ø, 3W, 24CCT PANEL IN EXISTING LOCATION. CONNECT NEW PANEL TO EXISTING PANEL POWER FEED, EXTEND CONDUCTORS AND CONDUIT AS REQUIRED. NEW PANEL TO BE EATON PRL3A OR APPROVED EQUAL. MAXIMUM WIDTH SHALL BE 508mm. SEE REVISED PANEL E SCHEDULE.
- EXISTING 53mm CONDUIT FROM ELECTRICAL ROOM TO PEDESTAL #1. RUN (3 #1/0AWG RW90 + 1 #6 BOND) IN EXISTING CONDUIT FROM NEW 150A, 2P BREAKER (14,16) TO NEW 150A, 2P DISCONNECT AND RECEPTACLE IN EXISTING PEDESTAL #1.
- RUN CONDUCTORS FROM NEW DISCONNECT SWITCH TO NEW EXTERIOR RECEPTACLE IN LIQUID TIGHT FLEX CONDUIT. SEAL ALL PENETRATIONS AND MAKE WEATHERTIGHT. SEE NOTE 10.
- ENGRAVED NAMEPLATE TO STATE "WARNING: 100AMP & 150AMP RECEPTACLES ARE NOT TO BE CONNECTED AT SAME TIME".
- EXISTING ANTENNA, CABLES AND GROUNDING TO BE REMOVED. EXISTING WEATHERHOOD AND VERTICAL CONDUIT TO BE RELOCATED TO NEW ANTENNA LOCATION. CUT BACK EXISTING CONDUIT AS REQUIRED TO ACCOMMODATE CIVIL WORK AND CONDUIT EXTENSION.



EXISTING PEDESTAL #1

SEE NOTE 10

REVISED DETAIL — PEDESTAL #1

SCALE: N.T.S.

REVISED

PANEL E										LOCATION : ELECTRICAL ROOM 102				MOUNTING : SURFACE				400 AMP. MAINS.			
										SERVICE : 120/240V, 1PH, 3W				BRANCH BREAKER I.C.				18,000 AMPS RMS SYM.			
NOTE	LOAD DESCRIPTION		LOAD	WIRE	BKR	CIRCUIT		BKR	WIRE	LOAD	LOAD DESCRIPTION		PHASE A	LOAD B	NOTE						
1	MV GEORGE VESSEL RECEPT	9600	2	100/2P	1	2	60/2P	6	5760	MV SHAMOOK VESSEL RECEPT	15360		1								
		9600			3	4			5760		15360										
	SPARE				15	5	6	15			SPARE										
	SPARE				15	7	8	15			SPARE										
	SPARE				15	9	10	15			SPARE										
	SPARE				15	11	12	15			SPARE										
	SPARE				20	13	14	150/2P	1/0	14400	BAY CLASS VESSEL RECEPT	14400									
	SPARE				30	15	16		14400			14400									
	SPACE					17	18				SPACE										
					19	20															
					21	22															
					23	24															
NOTES :						CONNECTED LOAD					59.5 KW.	TOTAL WATTS	29760	29760							
1. EXTEND EXISTING CIRCUIT TO NEW BREAKER.						ESTIMATED DEMAND					28.8 KW.	TOTAL AMPS	248	248							

- EXISTING 53mm RPVC CONDUIT TO BE REROUTED/EXTENDED TO NEW ANTENNA LOCATION. PROVIDE A FLUSH MOUNTED TRAFFIC RATED PULL BOX AS REQUIRED. COORDINATE LOCATION OF EXISTING CONDUIT RUN AND CONNECTION POINT ON SITE. DEPTH TO MATCH EXISTING.
- NEW ANTENNA TO BE COMROD HF 1.6 SERIES OR APPROVED EQUAL. COORDINATE LOCATION AND MOUNTING OF NEW ANTENNA WITH DEPARTMENTAL REPRESENTATIVE. CABLES AND CONNECTIONS BY OTHERS.
- EXISTING WEATHERHOOD AND VERTICAL CONDUIT TO RUN UP CONCRETE AND RAILING ADJACENT TO NEW ANTENNA MAST MIN. 1200mm AFF. PROVIDE UNISTRUT SUPPORTS AS REQUIRED. PROVIDE RPVC JUNCTION BOX AS REQUIRED TO TIE INTO NEW EXTENDED CONDUIT. PROVIDE EXPANSION FITTING AND CONDUIT STRAPS FOR VERTICAL RUN AS PER CEC 2018.
- NEW GROUNDING PLATE AND GROUND WIRE TO BE CONNECTED AT NEW ANTENNA LOCATION. ENSURE PROPER GROUNDING FOR RADIO PERFORMANCE. INSTALL PLATE MIN. 600mm BELOW GRADE AS PER CEC 2018.
- RELOCATE EXISTING DEVICES IN PEDESTAL #1 TO ACCOMMODATE THE INSTALLATION OF THE NEW DISCONNECT. CUT BACK OR EXTEND EXISTING WIRES AND CONDUIT AS REQUIRED.
- BACKFILL TRENCH IN LAYERS NOT EXCEEDING 150mm (MECHANICALLY TAMPED).
- BACKFILL TRENCH WITH SELECTED BACKFILL IN ACCORDANCE WITH SPECIFICATIONS.
- DURING EXCAVATION, ADEQUATELY SUPPORT ANY EXISTING UNDERGROUND SERVICES.
- IF SITE CONDITIONS PROHIBIT TRENCH DEPTH AS PER THE INSTALLATION DETAIL, ADVISE THE DEPARTMENTAL REPRESENTATIVE PRIOR TO PROCEEDING.
- ENSURE SPARE CONDUITS ARE TERMINATED PROPERLY FOR FUTURE USE. CAP AND MAKE WEATHER TIGHT.

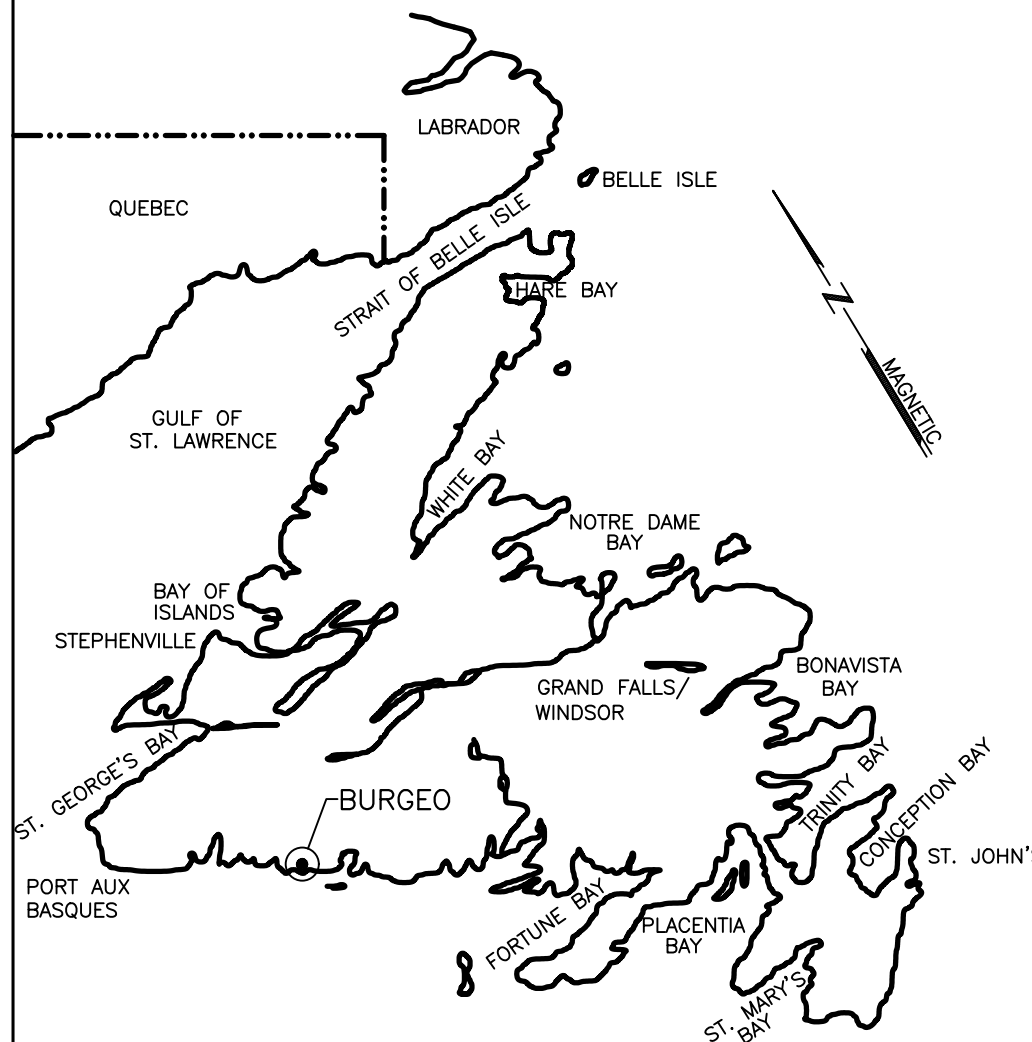


Fisheries
and Oceans

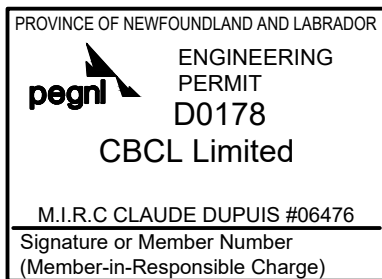
Real Property,
Safety & Security

Pêches
et Océans

Biens immobiliers,
protection et sécurité



KEY LOCATION PLAN



0	ISSUED FOR TENDER	OCT 20 2021	ZNR	JRC
no.	revision	date	by	approved
no.	revision	date	par	approve

Project — projet

FLOATING DOCK CONSTRUCTION — BURGEO LIFEBOAT STATION BURGEO, NL

Drawing — dessin

ELECTRICAL

SITE PLAN & DETAILS

drawn — dessiné ZOE ROBERTS	designed — dessiné par CLAUDE DUPUIS/ERIC NICHOLSON
date — date JULY 2021	checked — vérifié CALVIN HOLLETT
scale — échelle AS SHOWN	approved for tender — approuvé pour l'offre
project no. — projet no. F6879-219215	drawing no. — no du dessin —
	sheet — feuille E01