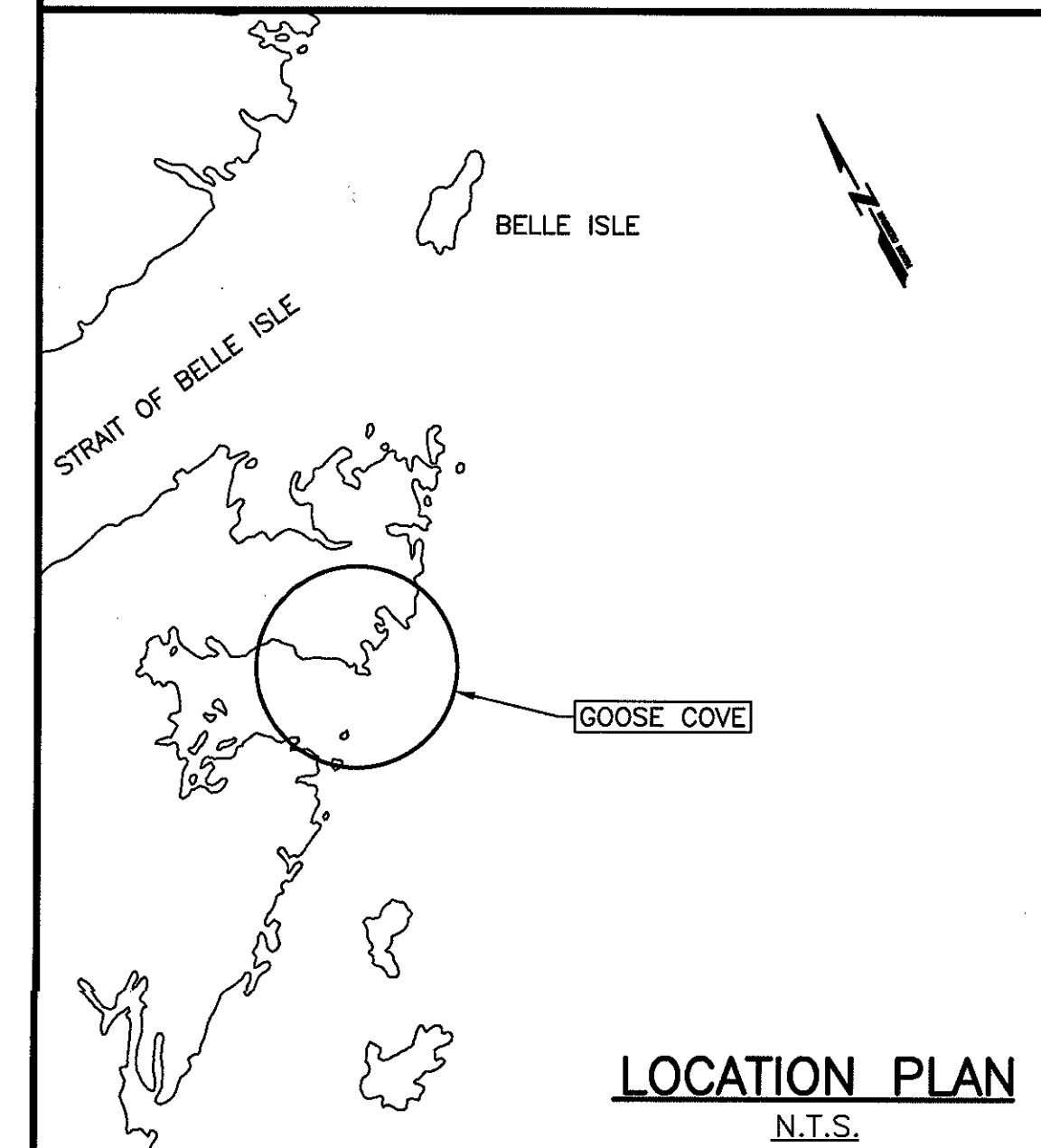
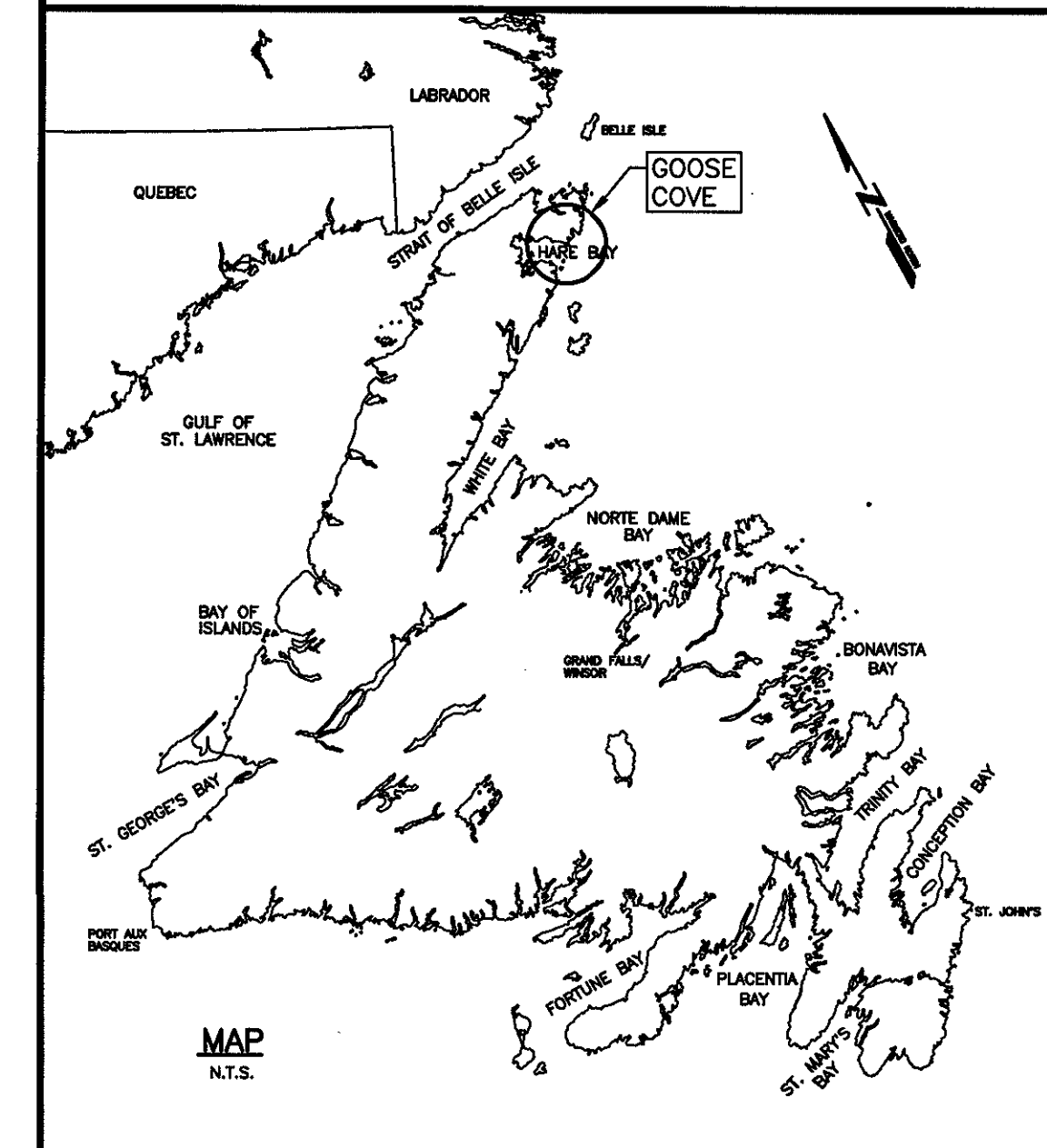


FISHERIES AND OCEANS
CANADA

LAUNCHWAY CONSTRUCTION
GOOSE COVE
NEWFOUNDLAND AND LABRADOR

PROJECT No. 719937
ISSUED FOR TENDER

SMALL CRAFT HARBOURS

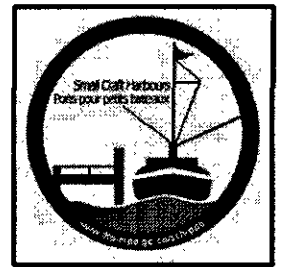


LIST OF DRAWINGS:

- C1 OF 4 SOUNDING AND TOPOGRAPHIC SURVEY
- C2 OF 4 NEW SITE PLAN
- C3 OF 4 NEW LAUNCHWAY PLAN AND SECTION
- C4 OF 4 SECTIONS AND DETAILS



SMALL CRAFT HARBOURS



- NOTES:
1. ALL ELEVATIONS ARE IN METRES UNLESS OTHERWISE NOTED.
 2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

PROVINCE OF NEWFOUNDLAND
 PERMIT HOLDER
 This Permit Allows
 APN ENGINEERING INC.
 To practice Professional Engineering
 in Newfoundland and Labrador.
 Permit No. as issued by APENL, 21922,
 which is valid for the year 2017.

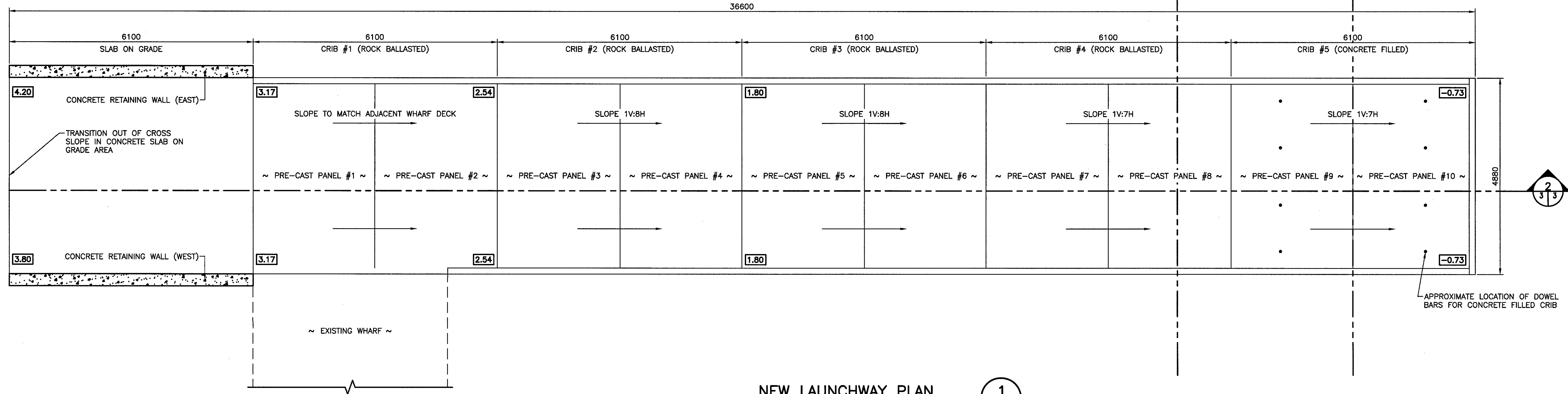
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 REGISTERED PROFESSIONAL ENGINEER
 NEIL C. HUNT
 SIGNATURE
 9/13/17
 NEWFOUNDLAND & LABRADOR

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project		project

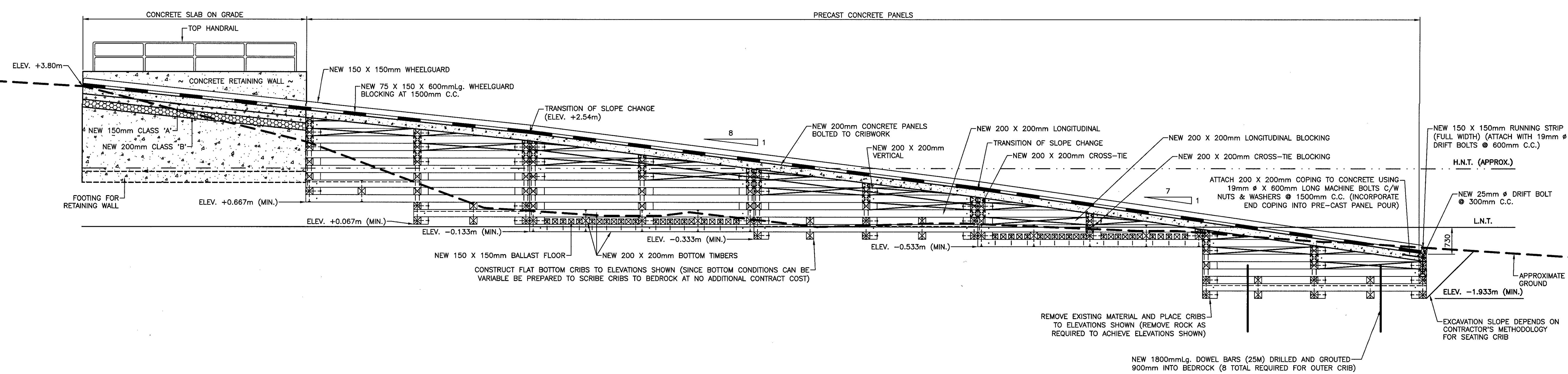
LAUNCHWAY CONSTRUCTION
 GOOSE COVE, NL

NEW LAUNCHWAY PLAN AND SECTION

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date	SEPTEMBER 13, 2017	
drawn	P.H.	dessine
date	SEPTEMBER 13, 2017	
approved		approuvé
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DFO Project Manager		
project number	719937	no. du projet
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NEW LAUNCHWAY PLAN
 SCALE: 1:50



NEW LAUNCHWAY SECTION
 SCALE: 1:50

Plot Scale: PLOT SCALE

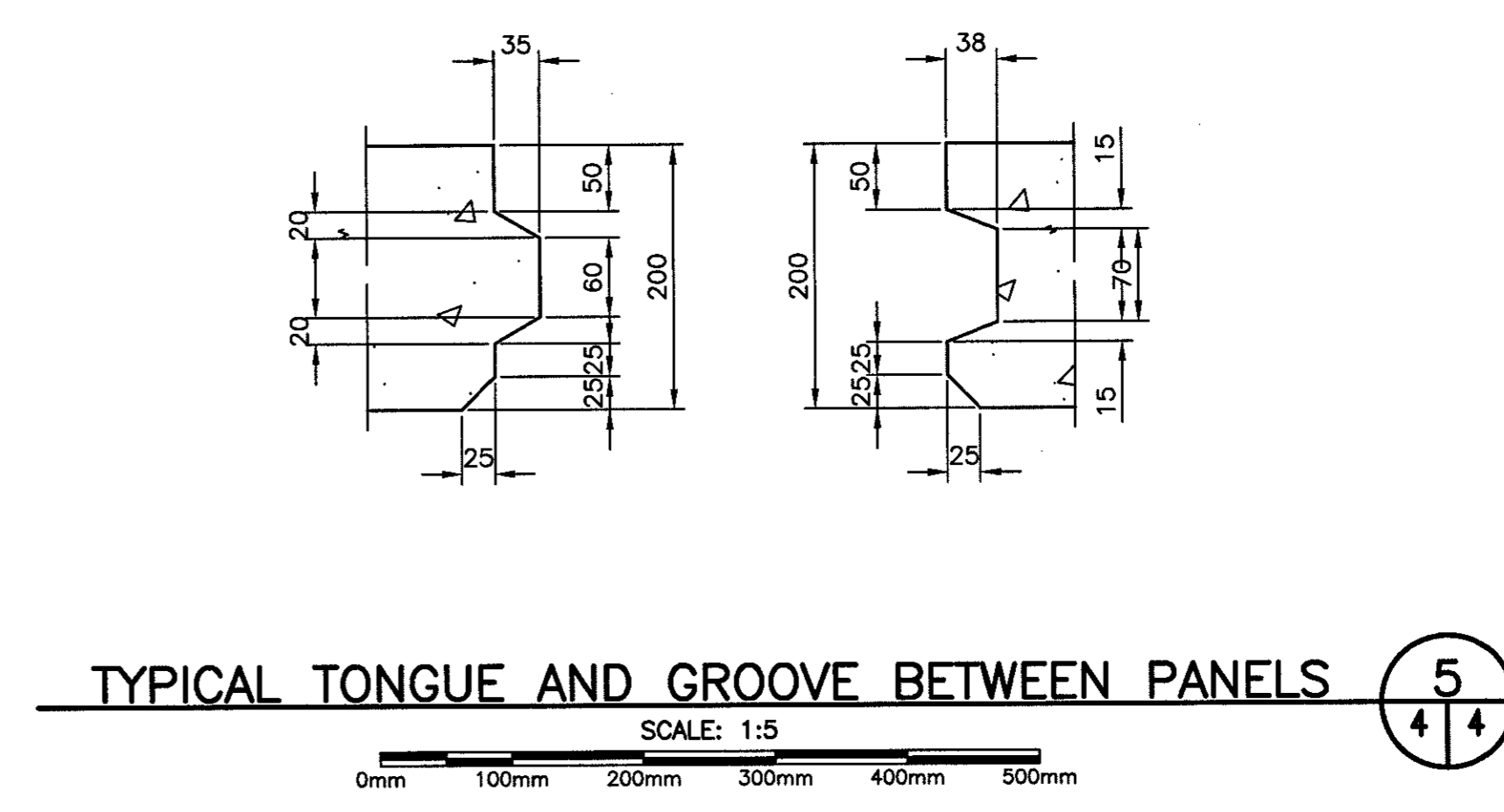
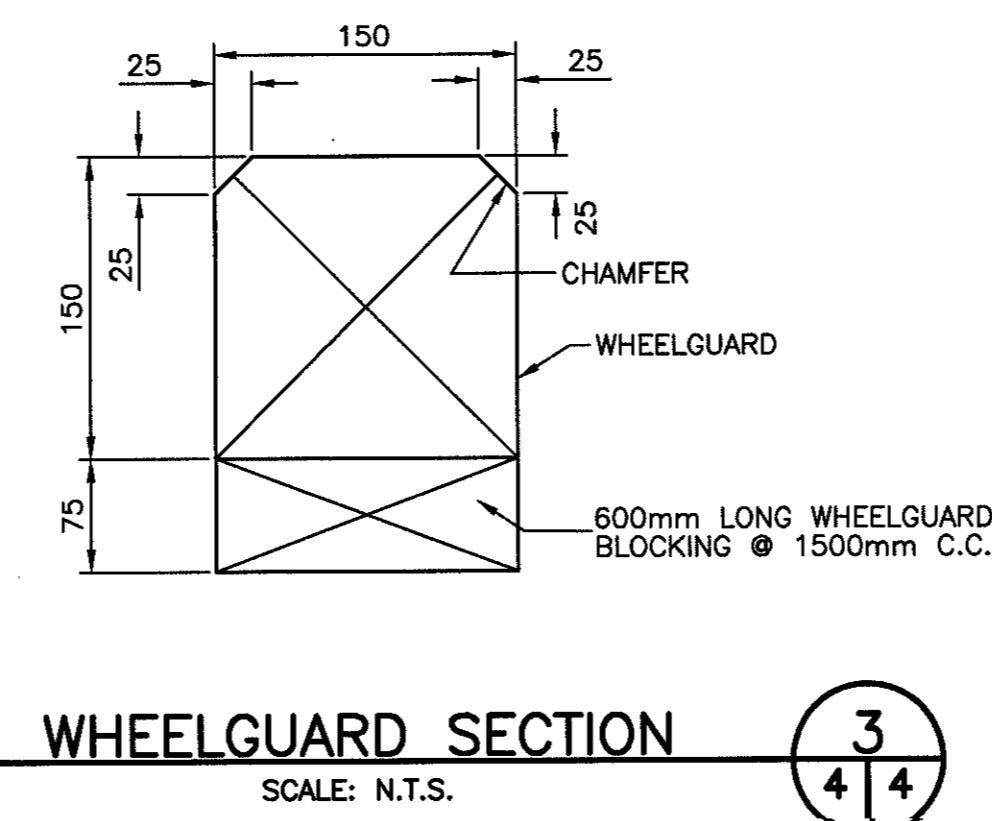
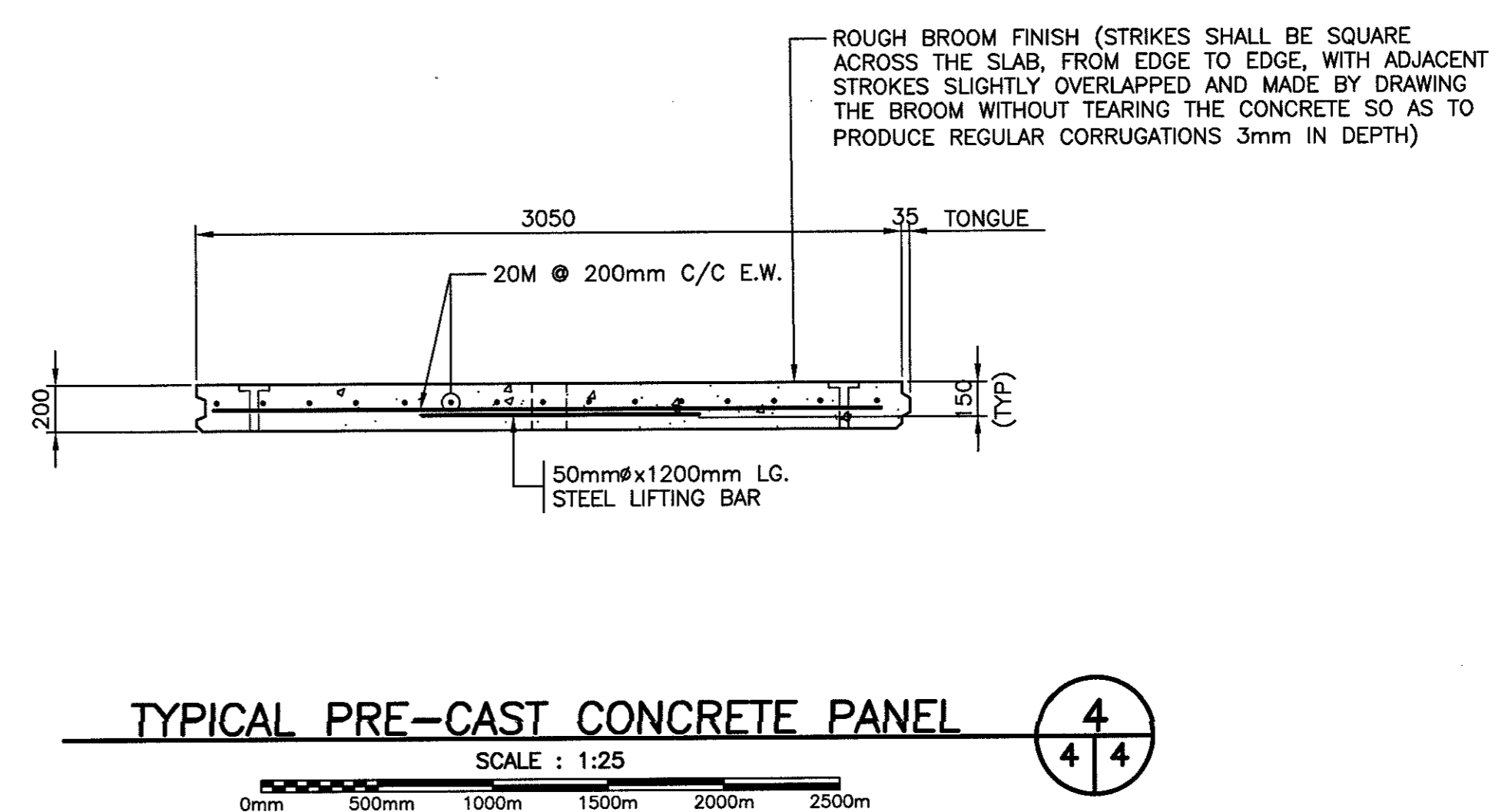
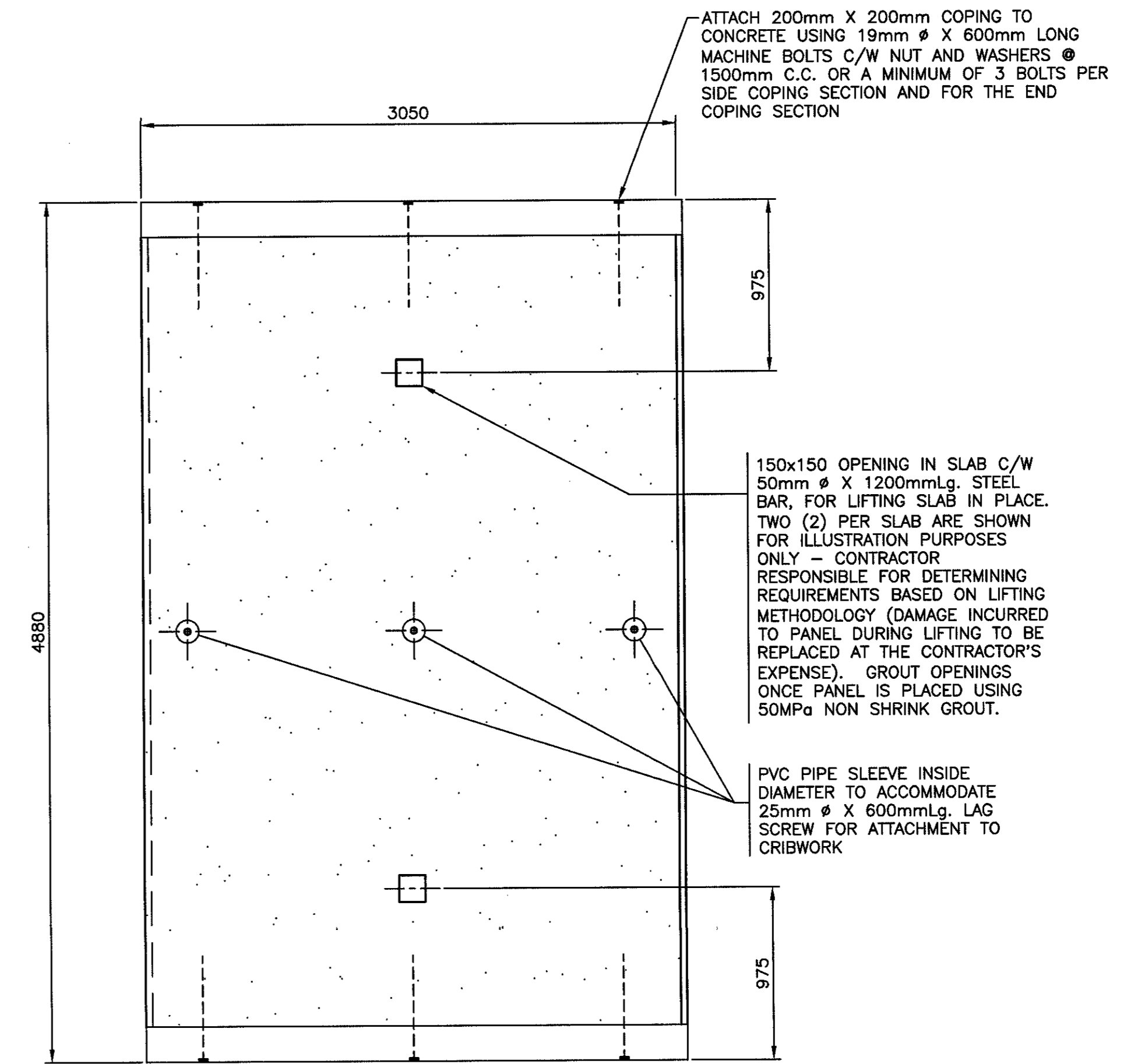
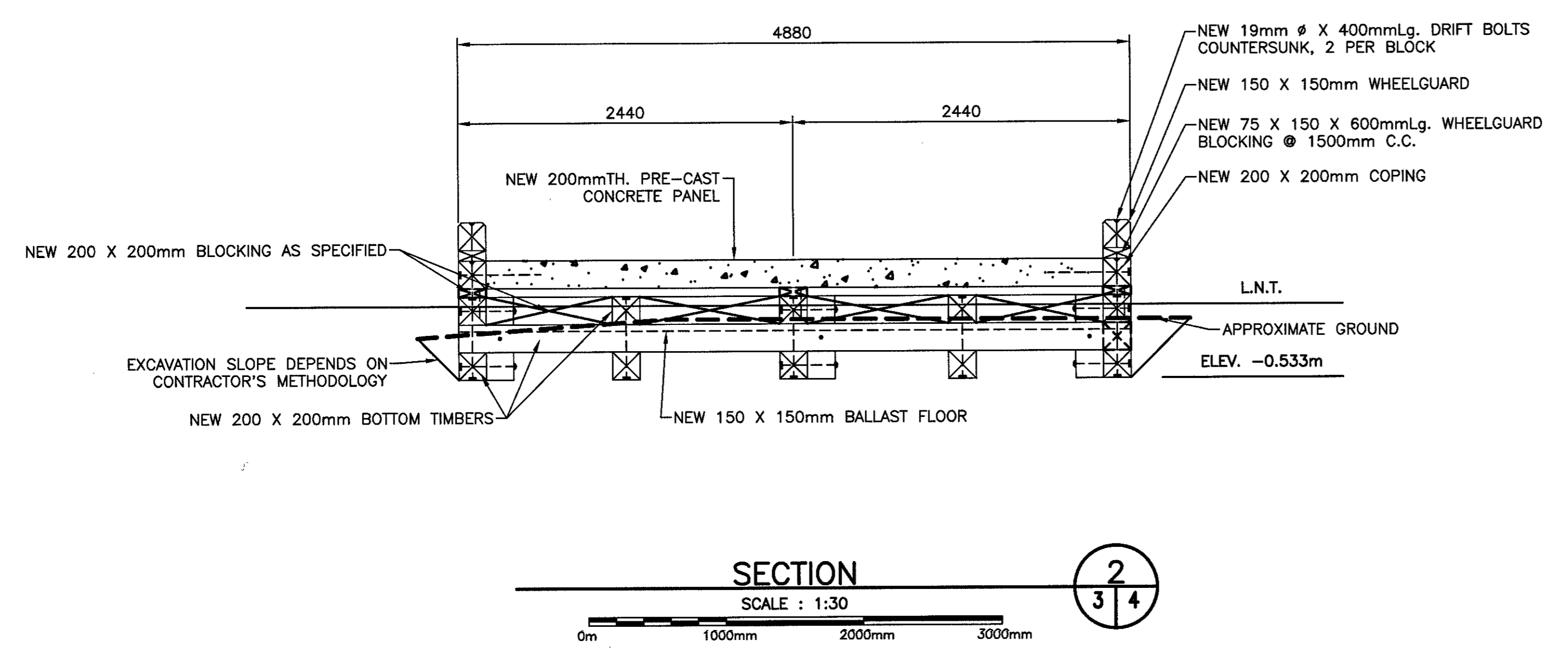
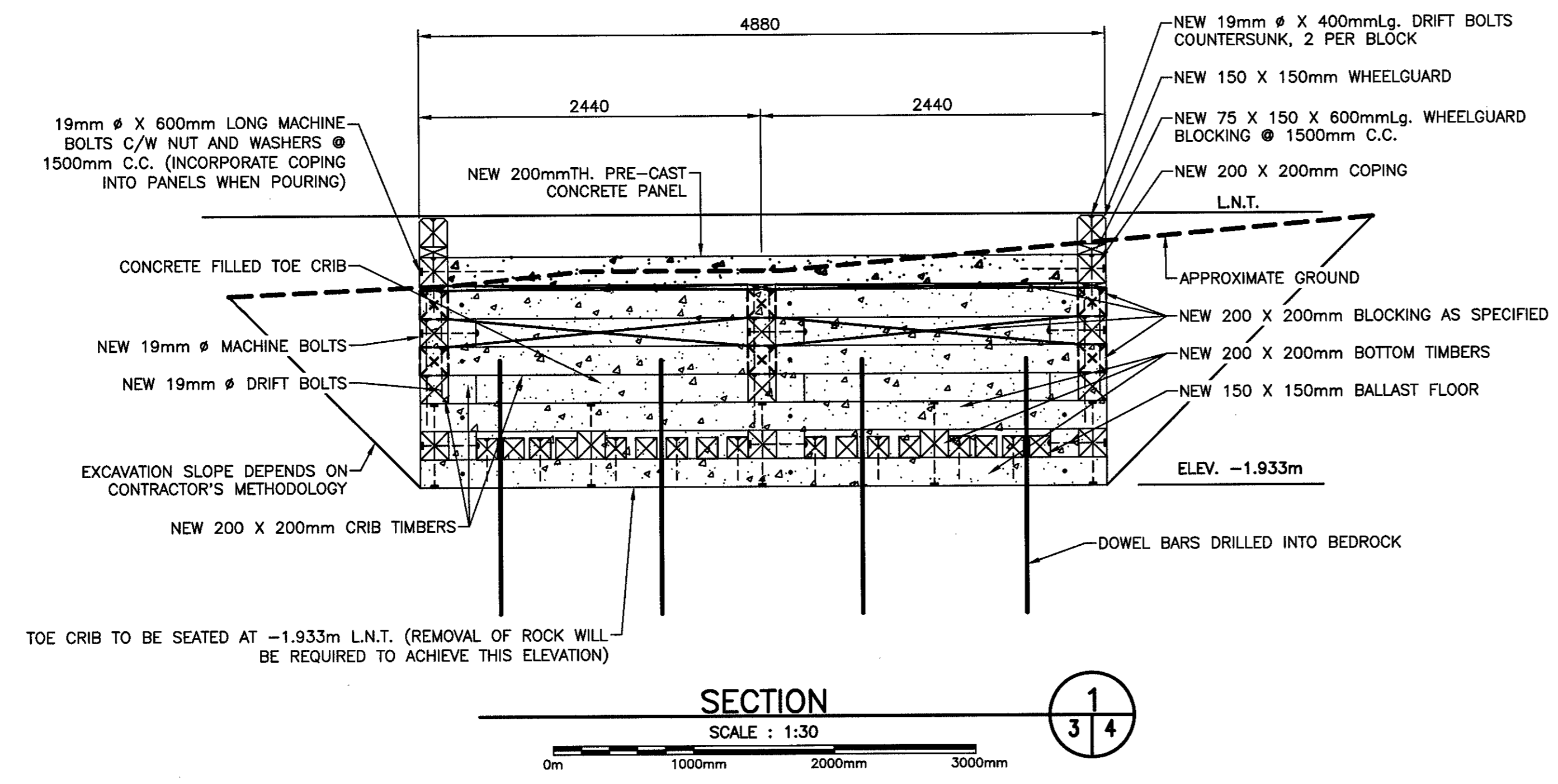
SMALL CRAFT HARBOURS



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PROVINCE OF NEWFOUNDLAND
 PERMIT HOLDER
 This Permit Allows
 AFN ENGINEERING INC.
 To practice Professional Engineering in Newfoundland and Labrador. Permit No. as issued by AFNENL 20222, which is valid for the year 2012.

STAMP
 REGISTERED PROFESSIONAL ENGINEER
 NEIL C. HUNT
 222 1410
 SIGNATURE
 9/13/17
 NEWFOUNDLAND & LABRADOR



- GENERAL NOTES:
- DO NOT SCALE FROM DRAWINGS. USE DIMENSIONS SHOWN.
 - CONTRACTOR MUST VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE PRIOR TO PROCEEDING WITH ANY PORTION OF THE WORK.
 - MINIMUM CONCRETE STRENGTH 35MPa @ 28 DAYS.
 - REINFORCING STEEL AND YIELD STRENGTH 400MPa.
 - REINFORCING STEEL SPLICES SHALL CONFORM TO A23.3 LATEST EDITION AND AS INDICATED BELOW:
 - 20M = 700mm LAP
 - 15M = 500mm LAP
 - ALL REBAR TO HAVE MINIMUM 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), UNLESS OTHERWISE NOTED.
 - ALL TIMBER TO BE TREATED TO CSA 080, LATEST EDITION UNLESS OTHERWISE NOTED.
 - GALVANIZING TO CONFORM TO ASTM A123/123M-09, LATEST EDITION.
 - CONTRACTOR IS RESPONSIBLE TO CONFIRM PLACEMENT OF LAG SCREW SLEEVES IN PRE-CAST SLABS SUCH THAT THEY ALIGN WITH THE UNDERLYING TIMBERS.
 - IF BEDROCK IS DEEPER THAN INFERRED FROM DIVING PROBES, CONSULT WITH THE DEPARTMENTAL REPRESENTATIVE FOR DIRECTION AS IT RELATES TO THE POTENTIAL USE OF ROCK MATTRESS TO SUPPLEMENT THE REMOVAL OF UNSUITABLE MATERIAL TO BEDROCK OR HARD BOTTOM.

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project		project
LAUNCHWAY CONSTRUCTION		
GOOSE COVE, NL		
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SECTIONS AND DETAILS		
designed N.H.		concl
date	SEPTEMBER 13, 2017	
drawn P.H.		desain
date	SEPTEMBER 13, 2017	
approved		approve
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DFD Project Manager		
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