



GOVERNMENT OF CANADA
FISHERIES AND OCEANS



GOUVERNEMENT DU CANADA
PÊCHES ET OCÉANS

SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION



NOTES:

1. ALL SOUNDINGS & ELEVATIONS IN METRES

2. COORDINATES FOR HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 14, USING THE NORTH AMERICAN DATUM OF 1983 (NAD83)

3. ELEVATIONS ARE GIVEN USING THE CANADIAN VERTICAL GEODETIC DATUM OF 1927 (CVGD27)

4. DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.

REVISIONS:

0 ISSUED FOR TENDER

DATE: JUNE 10, 2015

SCALE:

AS SHOWN

CLASS:

PROJECT:

HARBOUR IMPROVEMENTS

DESCRIPTION:

SITE PLAN AND TYPICAL SECTIONS

DRAWN:

S.C.H.

APPROVED:

S.C.H.

DATE:

JUNE 2015

DATE:

JUNE 2015

LOCATION:

BALSAM BAY
MANITOBA

DRAWING NO.:

BB-1 of 3

LOCATOR CODE:

5503

SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION



- NOTES:
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REVISIONS:		DATE:
0	ISSUED FOR TENDER	JUNE 10, 2015

SCALE:	CLASS:
AS SHOWN	

PROJECT:

HARBOUR IMPROVEMENTS

DESCRIPTION:

CONSTRUCTION DETAILS
WAVEBREAK WALL

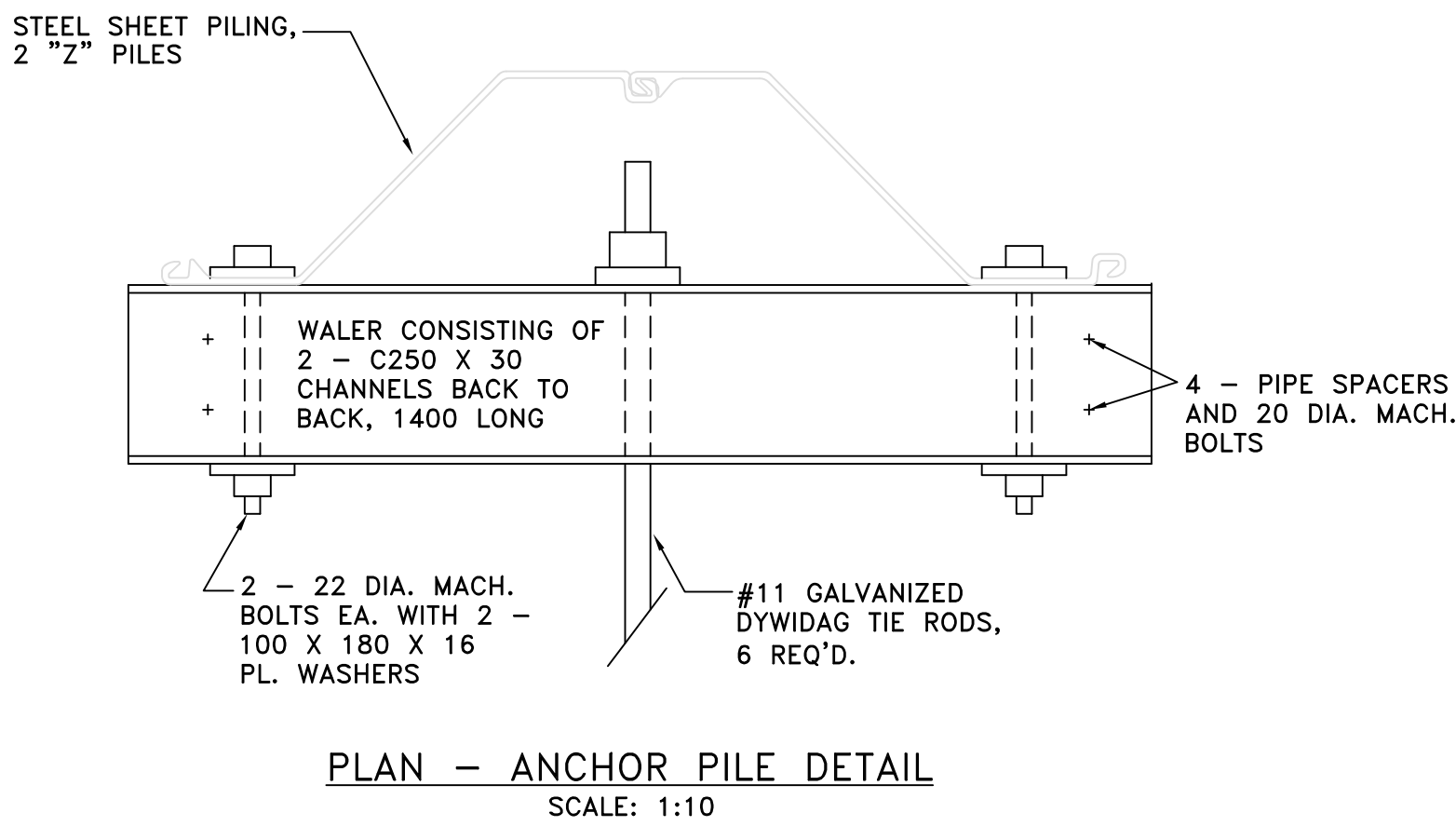
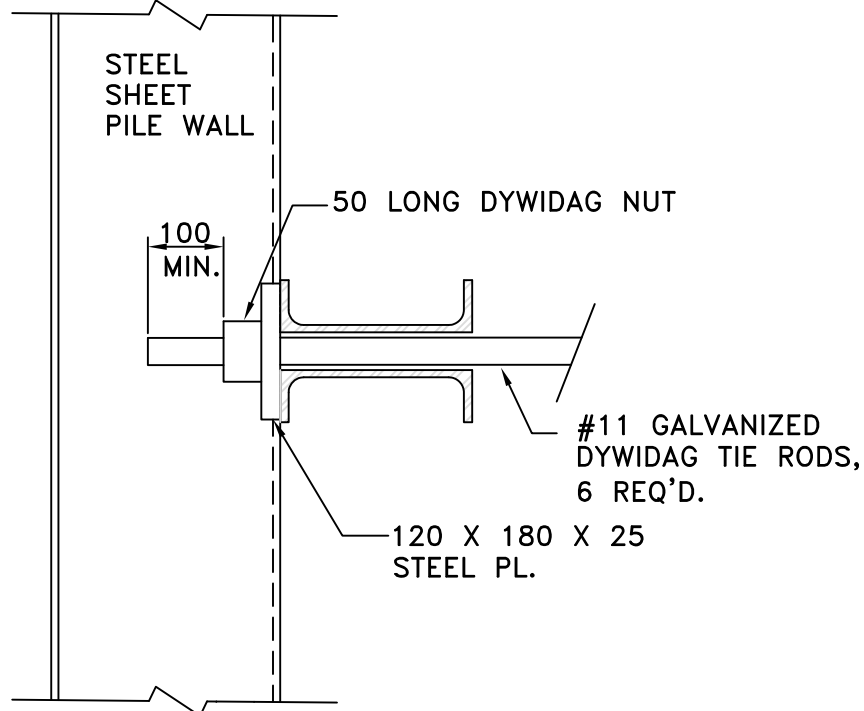
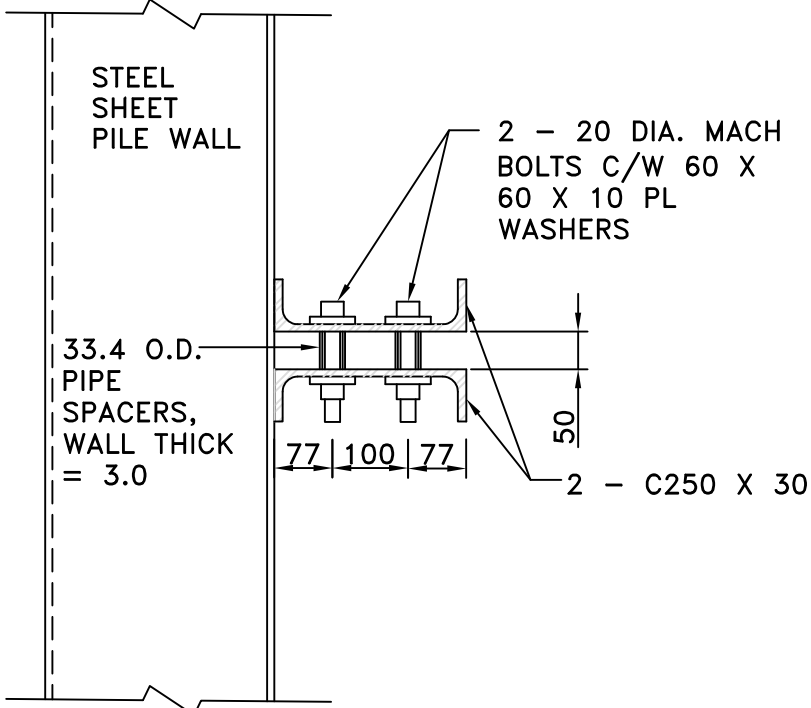
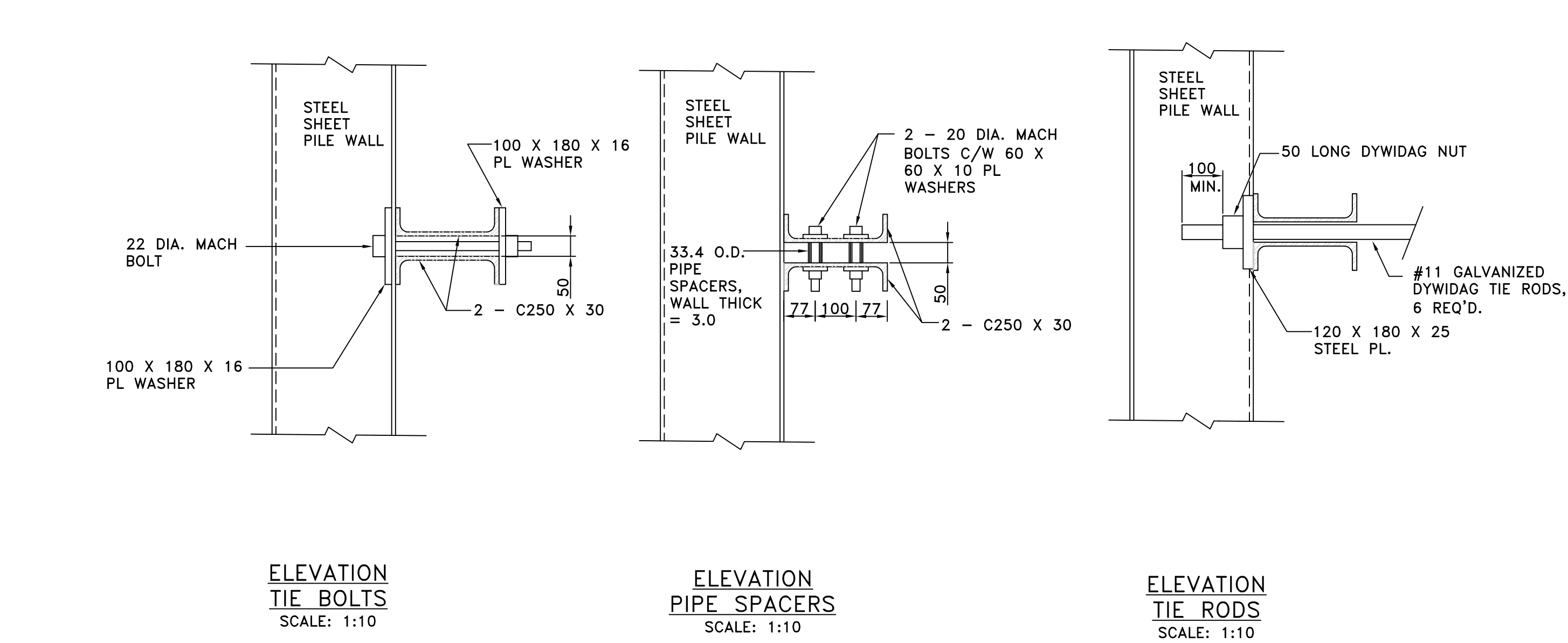
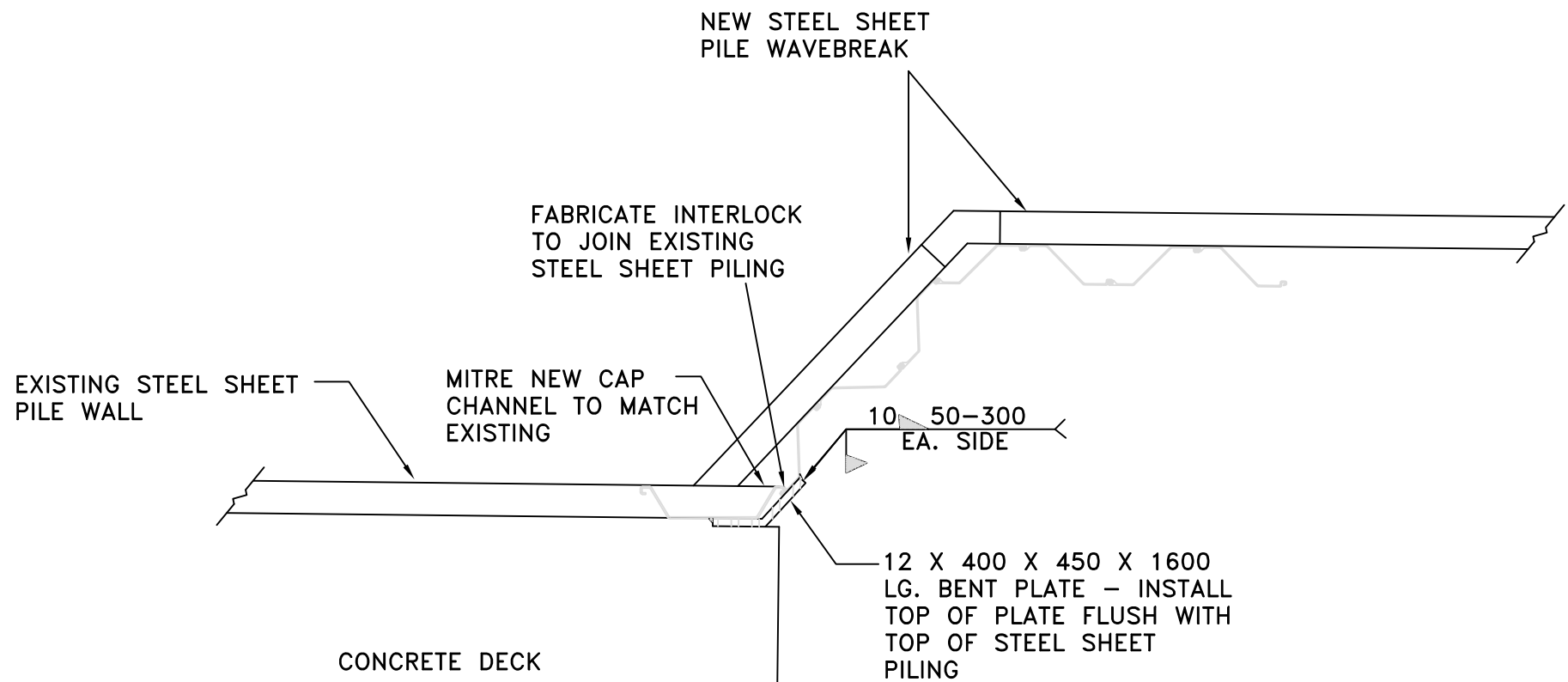
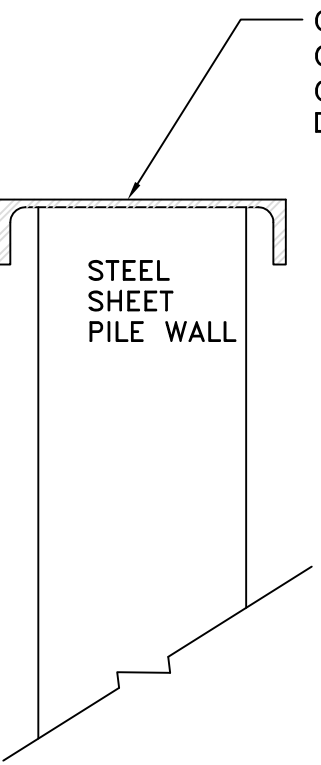
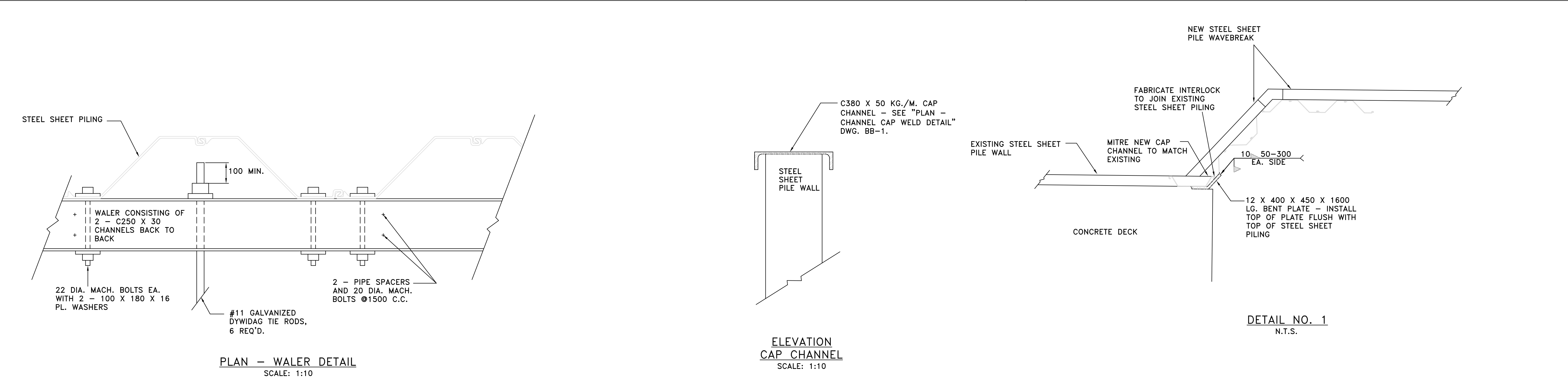
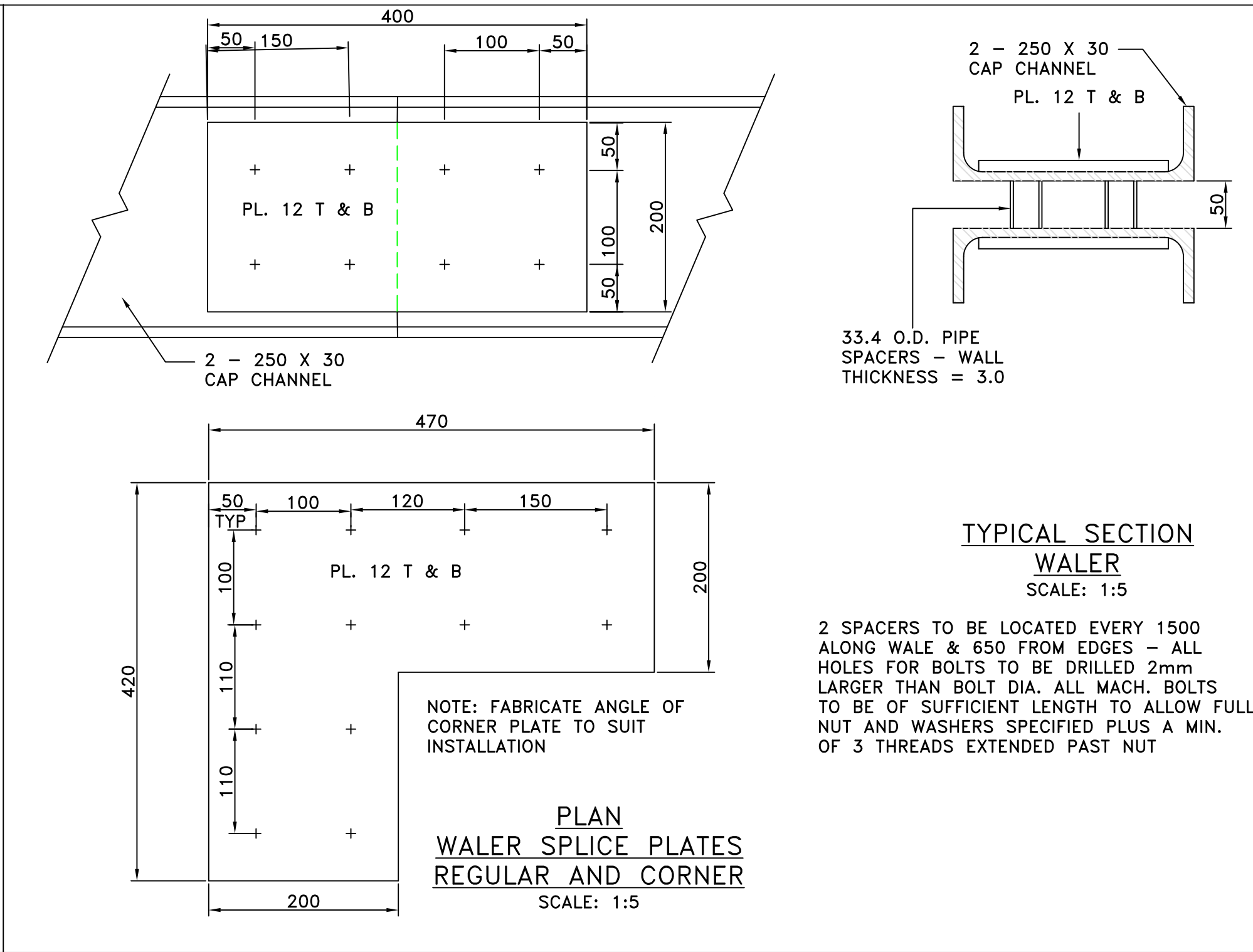
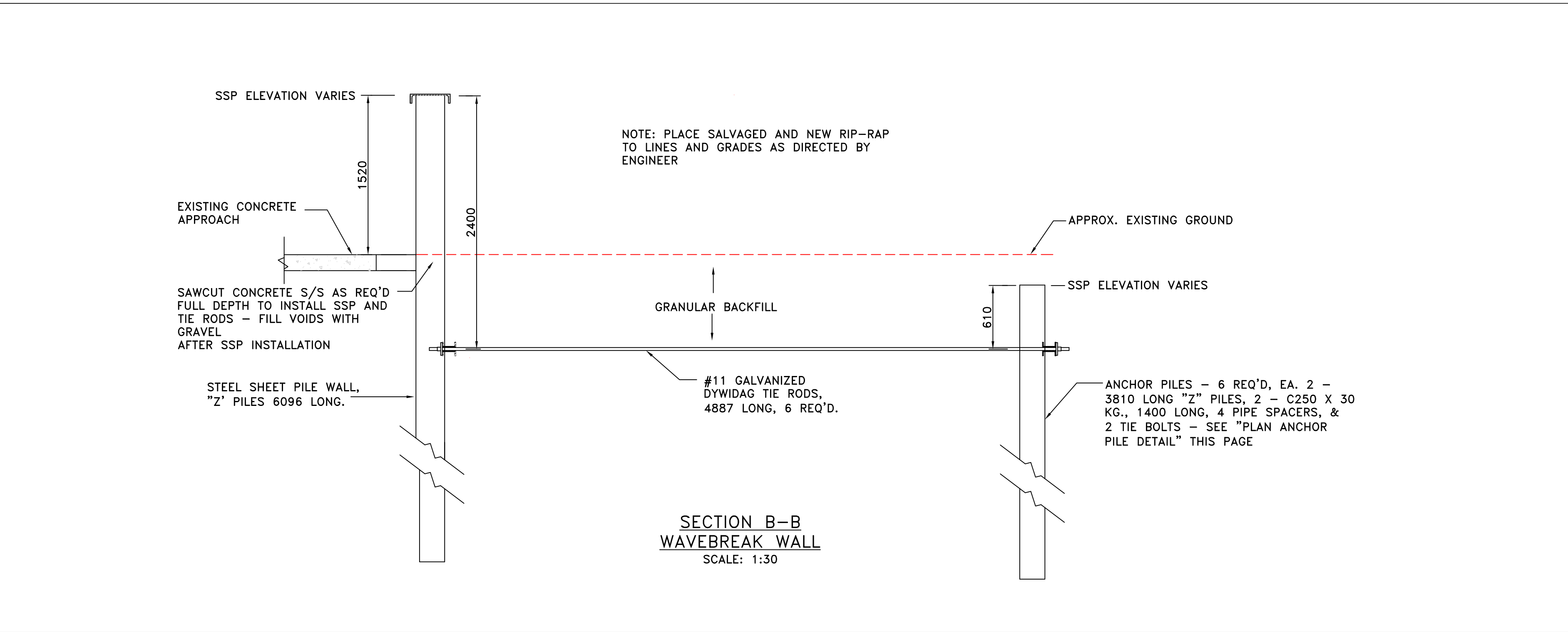
DRAWN:	APPROVED:
S.C.H.	S.C.H.

DATE:	DATE:
JUNE 2015	JUNE 2015

LOCATION:

BALSAM BAY
MANITOBA

DRAWING NO.:	LOCATOR CODE:
BB-2 of 3	5503





SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION



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REVISIONS:		DATE:
0	ISSUED FOR TENDER	JUNE 10, 2015

SCALE:	CLASS:
AS SHOWN	

PROJECT:
HARBOUR IMPROVEMENTS

DESCRIPTION:
DREDGING DETAILS

DRAWN:	APPROVED:
S.C.H.	S.C.H.

DATE:	DATE:
JUNE 2015	JUNE 2015

LOCATION:
BALSAM BAY MANITOBA

DRAWING NO.:	LOCATOR CODE:
BB-3 of 3	5503

LAKE
WINNIPEG

WEST BREAKWATER

STEEL SHEET PILE WHARF

CONCRETE APPROACH

APPROX. LOCATION OF HYDRO
POLE, LIGHT.

APPROX. SHORE

FLOAT
WHARVES

FLOAT
WHARVES

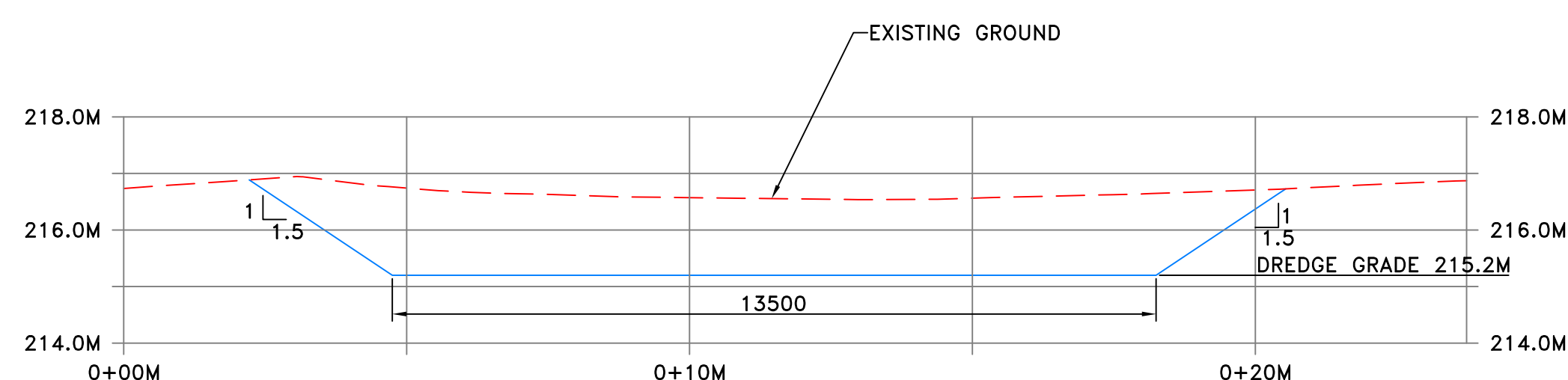
SOUTH BREAKWATER

DREDGE EXCAVATION
ESTIMATED VOLUME = 2,000 CU. M.

TOP OF SLOPE

TOE OF SLOPE
LIMIT OF ELEV. 215.2M
DREDGE EXCAVATION

- NOTES:
1. DREDGE GRADE = 215.2M
 2. TOTAL ESTIMATED QUANTITY = 2,000 CUBIC METERS
 3. NO EXCAVATION TO OCCUR WITHIN 1M OF MAIN WHARF, FLOAT WHARVES OR PORTION OF SOUTH BREAKWATER SHOWN
 4. SIDE SLOPES TO BE 1.5:1
 5. ACCESS TO LAKE VIA LAUNCH RAMP NOT PERMITTED.



SECTION C-C
EXCAVATION
SCALE: 1:100

SITE PLAN
DREDGING AREA
SCALE: 1:250