


GOVERNMENT
OF CANADA




GOVERNMENT
DU CANADA

FISHERIES
AND OCEANS

PÊCHES
ET Océans

SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION



Small Craft Harbours
Ports pour petits bateaux

NOTES:

1. DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED

2. DRAWINGS ARE NOT TO BE SCALED

3. HARBOUR IS LOCATED AT APPROXIMATELY 52.818° N 97.617° W

4. ALL TIMBER TO BE ROUGH SAWN SIZED

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

6. ELEVATIONS ARE GIVEN USING THE CANADIAN GEODETIC DATUM OF 1928 (CGVD28)

7. REMOVE AND DISPOSE OF ALL BOLLARDS AND ACCESSORIES ATTACHED TO THE EXISTING WHARF

8. EXISTING BALLAST TO BE REMOVED AND DISPOSED OF OFF SITE AT AN APPROVED LOCATION

9. EXISTING WHARF TIMBER TO BE DISPOSED OF OFF SITE AT AN APPROVED LOCATION

10. PROTECT EXISTING FISH PLANT, CONCRETE PAD, AND SHEDS FROM DAMAGE DURING WHARF DEMOLITION

REVISIONS:

0 ISSUED FOR TENDER

DATE: APR 2020

SCALE:

AS SHOWN

CLASS:

PROJECT:

WHARF RECONSTRUCTION

DESCRIPTION:

LOCATION AND DEMOLITION

DRAWN:

SCH

APPROVED:

SCH

DATE:

APR 2020

DATE:

APR 2020

LOCATION:

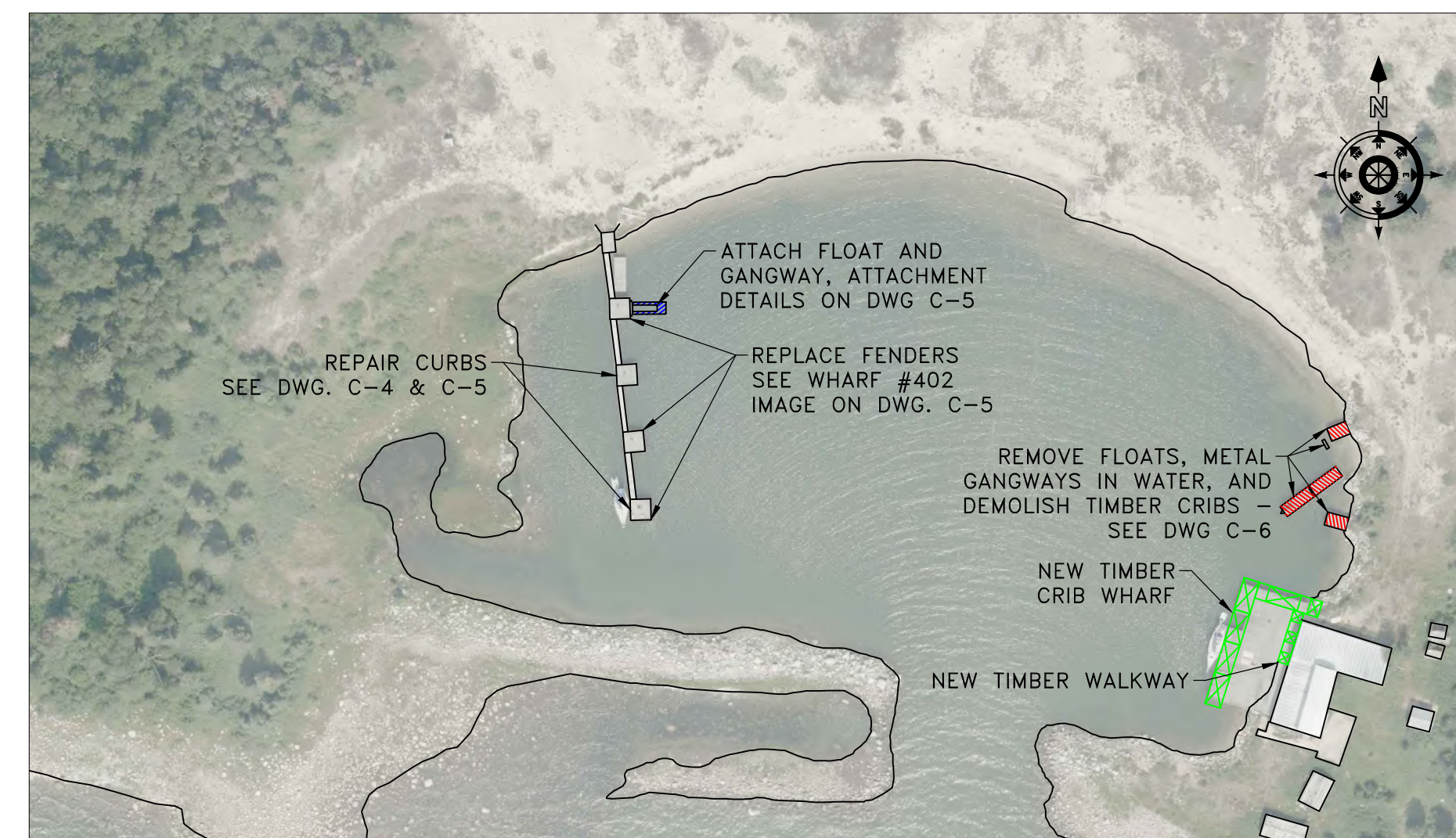
GEORGE ISLAND
MANITOBA


DRAWING NO.:

C-1 OF 6

LOCATOR CODE:

5518



 GOVERNMENT
OF CANADA GOUVERNEMENT
DU CANADA

FISHERIES
AND OCEANS PÊCHES
ET OcéANS

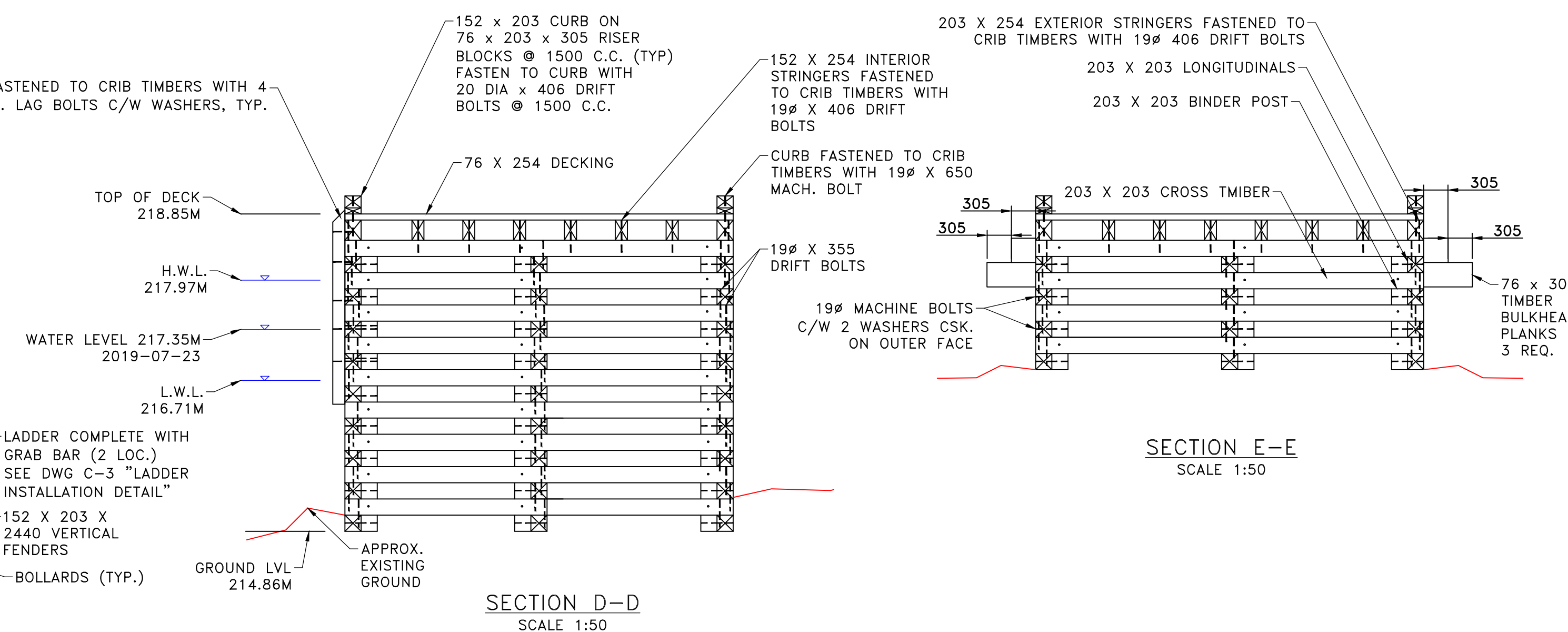
SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION



NOTES:

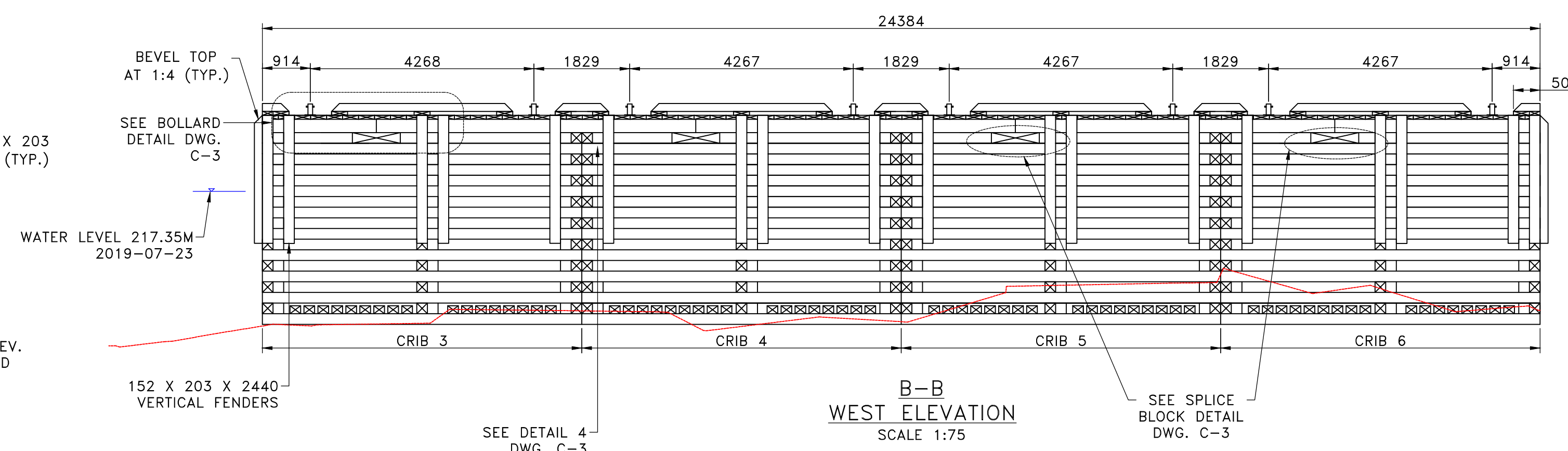
1. DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
2. CONTRACTOR RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND DEPTHS IN FIELD PRIOR TO CONSTRUCTION OF CRIBS. IF BEDROCK IS PRESENT THEN CREATE STEPPED CRIB AS DIRECTED BY SCH
3. CROSS TIMBERS AND LONGITUDINAL TO BE FASTENED TO LAG BOLTS WITH 19# X 355 DRIFT BOLTS AT EACH CONTACT
4. EXTERIOR STRINGER ATTACHED TO BINDER POST WITH 19# MACHINE BOLT COMPLETE WITH NUT AND WASHERS TYPICAL ALL LOCATIONS
5. ALL ROUGH TIMBER TO BE ROUGH-SAWN
6. ALL DECKING TO BE ROUGH-SAWN SIZED
7. BINDER POSTS TO BE CONTINUOUS
8. PROVIDE DEPARTMENTAL REPRESENTATIVE WITH MINIMUM 7 WORKING DAYS NOTICE PRIOR TO CRIB INSTALLATION

SITE LAYOUT
N.T.S.



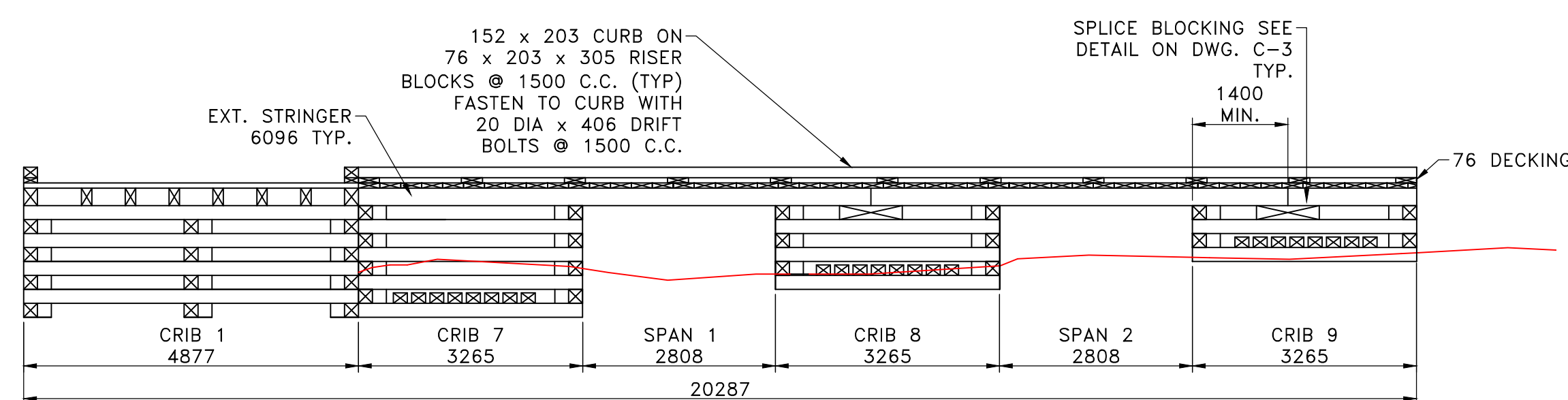
SECTION E-E
SCALE 1:50

PLAN - STRINGERS
SCALE 1:75

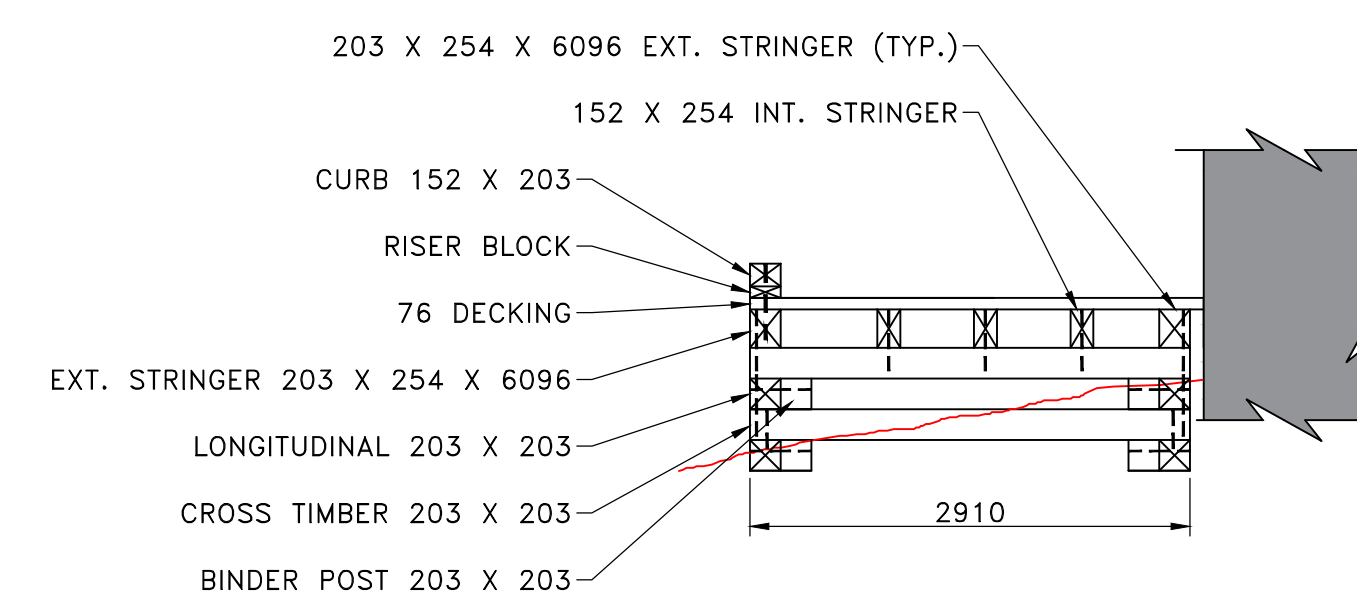


B-B
WEST ELEVATION
SCALE 1:75

A-A
NORTH ELEVATION
SCALE 1:75



SOUTH ELEVATION C-C
SCALE 1:75



SECTION F-F
SCALE 1:50

REVISONS:		DATE:
0	ISSUED FOR TENDER	APR 2020

SCALE:	CLASS:
AS SHOWN	

PROJECT:	
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WHARF RECONSTRUCTION

DESCRIPTION:

CONSTRUCTION PLAN AND
SECTIONS

DRAWN:	APPROVED:
SCH	SCH

DATE:	DATE:
APR 2020	APR 2020

LOCATION: GEORGE ISLAND
MANITOBA

DRAWING NO.:	LOCATOR CODE:
C-2 OF 6	5518

SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION



- NOTES:
- DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
 - CONTRACTOR RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND DEPTHS IN FIELD PRIOR TO CONSTRUCTION OF CRIBS. IF BEDROCK IS PRESENT THEN CREATE STEPPED CRIB AS DIRECTED BY SCH
 - CROSS TIMBERS AND LONGITUDINAL TO BE FASTENED TO EACH OTHER WITH 1 - 19Ø X 355 DRIFT BOLT AT EACH CONTACT
 - EXTERIOR STRINGER ATTACHED TO BINDER POST WITH 19Ø MACHINE BOLT COMPLETE WITH NUT AND WASHERS TYPICAL ALL LOCATIONS
 - ALL ROUGH TIMBER TO BE ROUGH-SAWN
 - ALL DECKING TO BE ROUGH-SAWN SIZED
 - PROVIDE DEPARTMENTAL REPRESENTATIVE WITH 5 WORKING DAYS NOTICE PRIOR TO CRIB INSTALLATION
 - CONTRACTOR TO SHOP PAINT ALL STEEL HARDWARE WITH TWO (2) COATS OF RED RUST INHIBITOR PAINT UNLESS OTHERWISE NOTED

REVISIONS:		DATE:
0	ISSUED FOR TENDER	APR 2020

SCALE:	CLASS:
AS SHOWN	

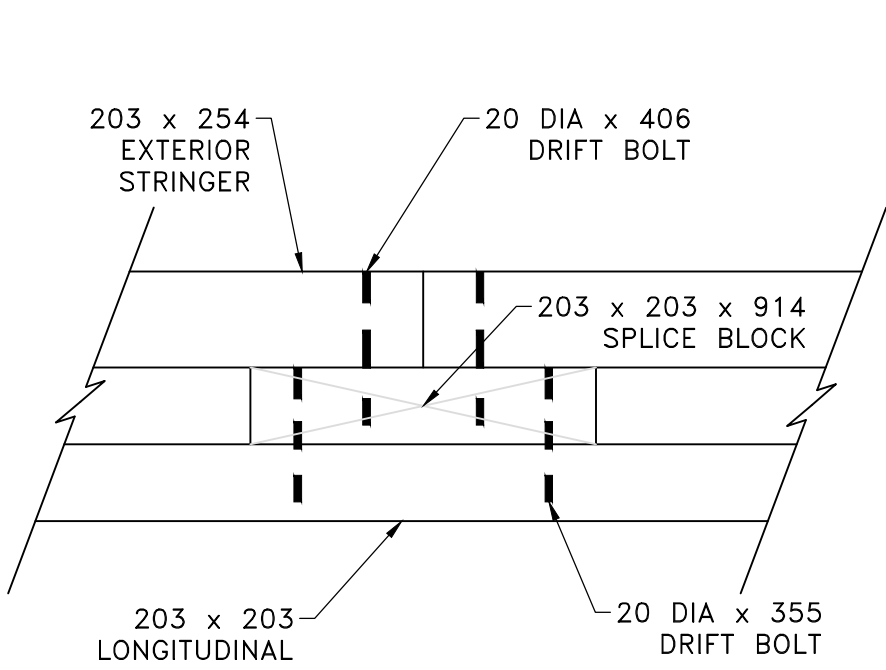
PROJECT:
WHARF RECONSTRUCTION

DESCRIPTION:
CONSTRUCTION DETAILS

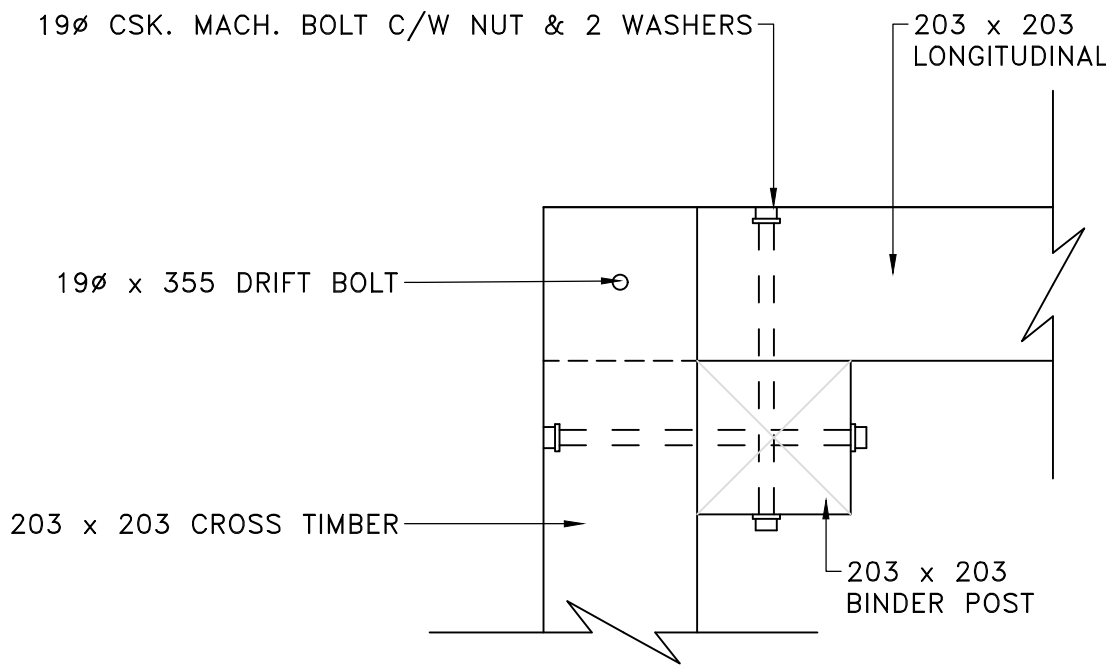
DRAWN:	APPROVED:
SCH	SCH
DATE:	DATE:
APR 2020	APR 2020

LOCATION:
GEORGE ISLAND MANITOBA

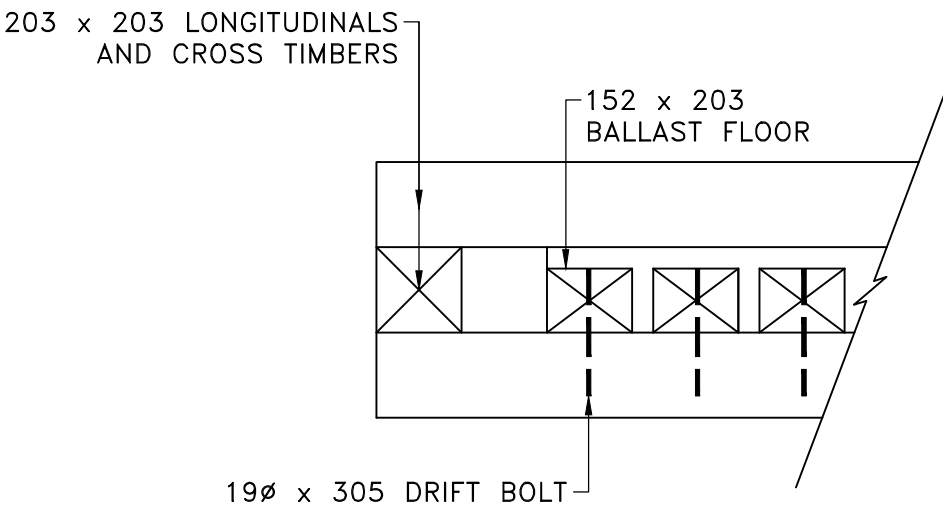
DRAWING NO.:	LOCATOR CODE:
C-3 OF 6	5518



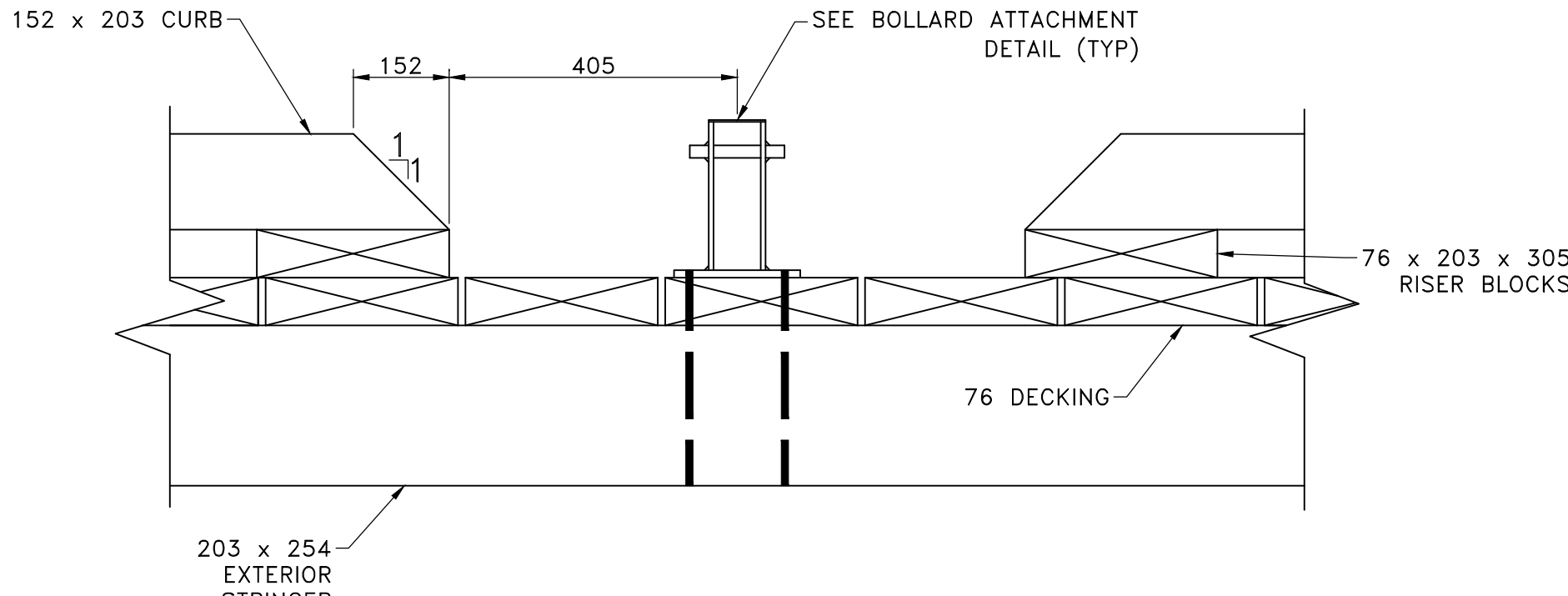
SPLICE BLOCK DETAIL
EXTERIOR STRINGERS
SCALE 1:20



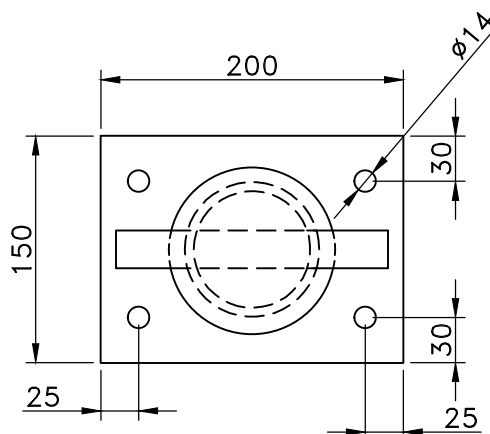
BINDER POST DETAIL
SCALE 1:10



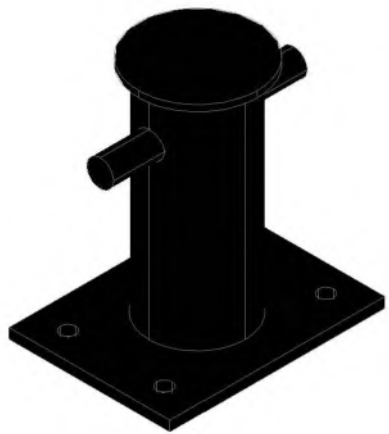
BALLAST FLOOR DETAIL
SCALE 1:30



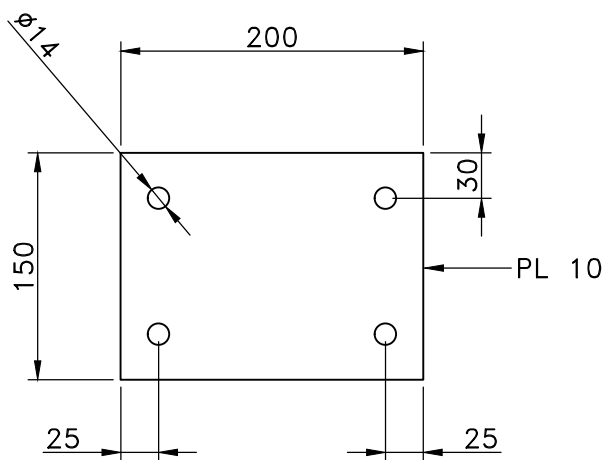
BOLLARD OPENING
DETAIL
SCALE 1:10



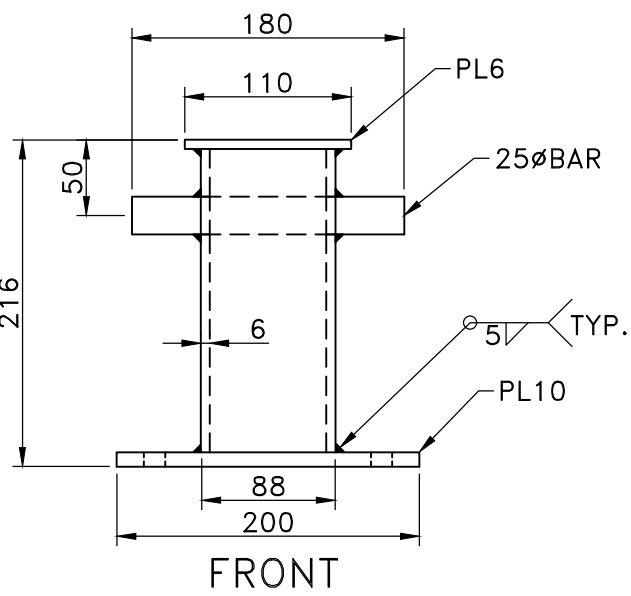
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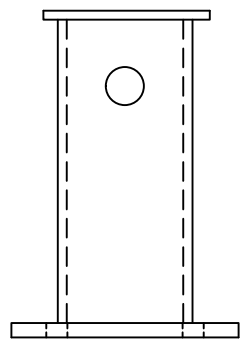
ISOMETRIC



BOLLARD BACKING
PLATE DETAIL
SCALE 1:5

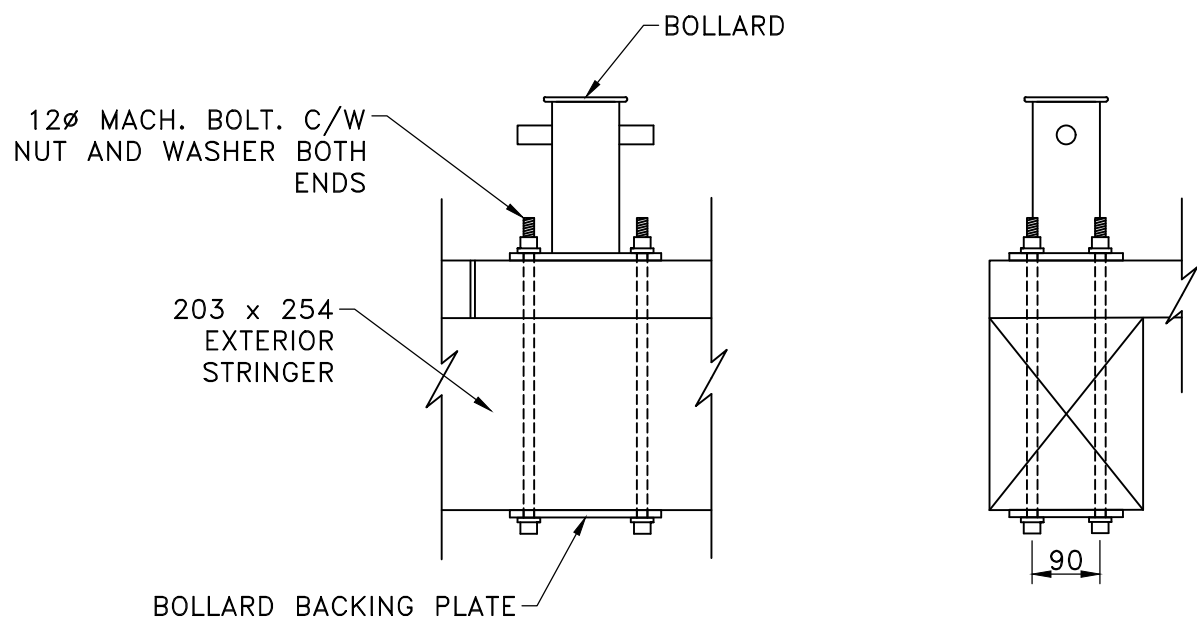


FRONT

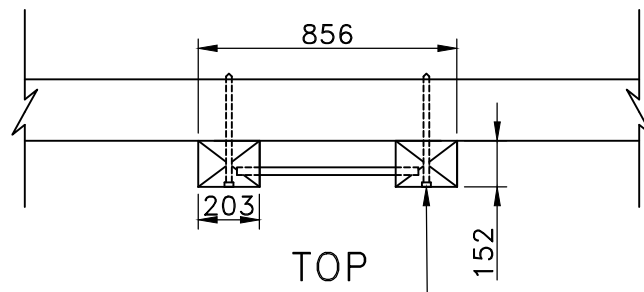


SIDE

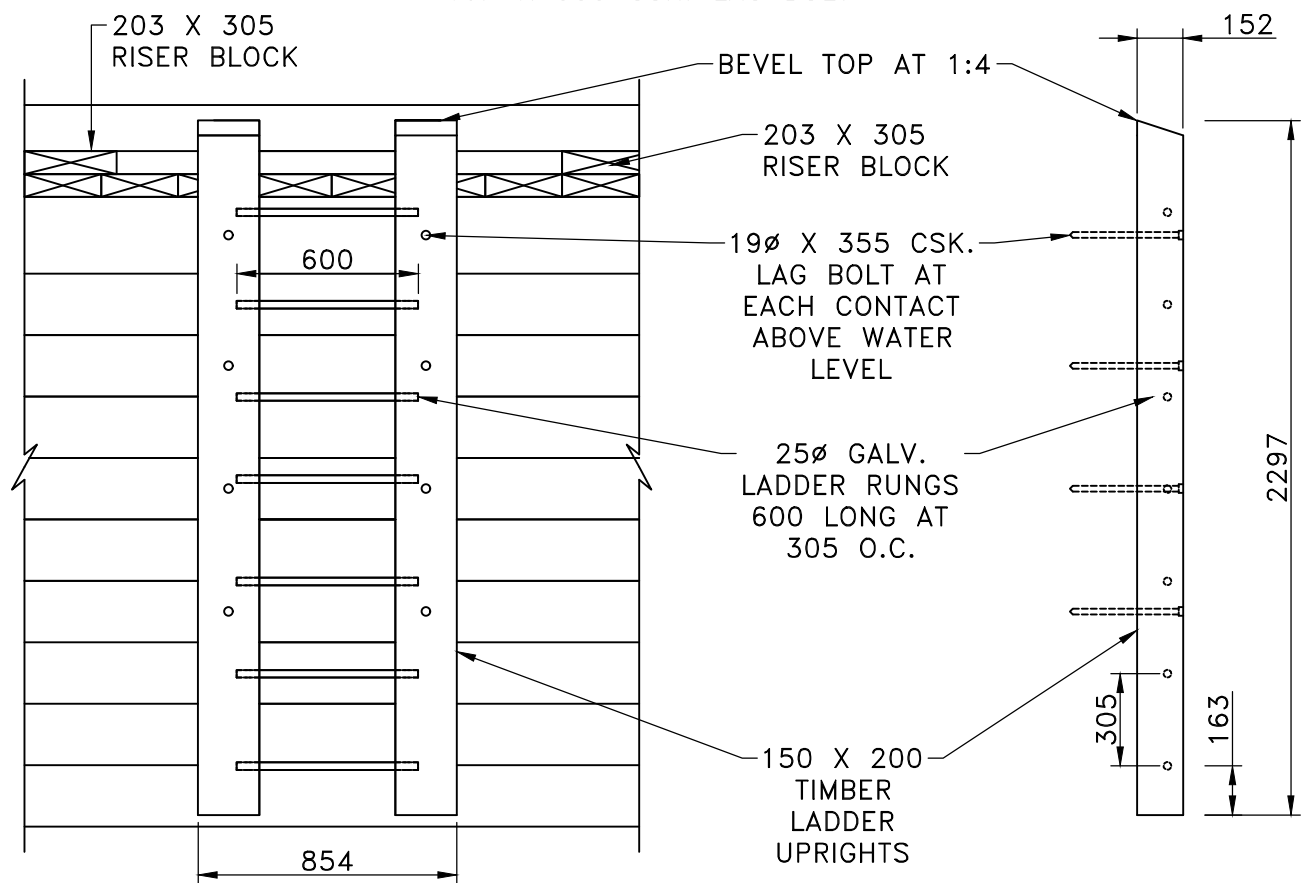
BOLLARD
SCALE 1:5



BOLLARD ATTACHMENT
DETAIL
SCALE 1:20



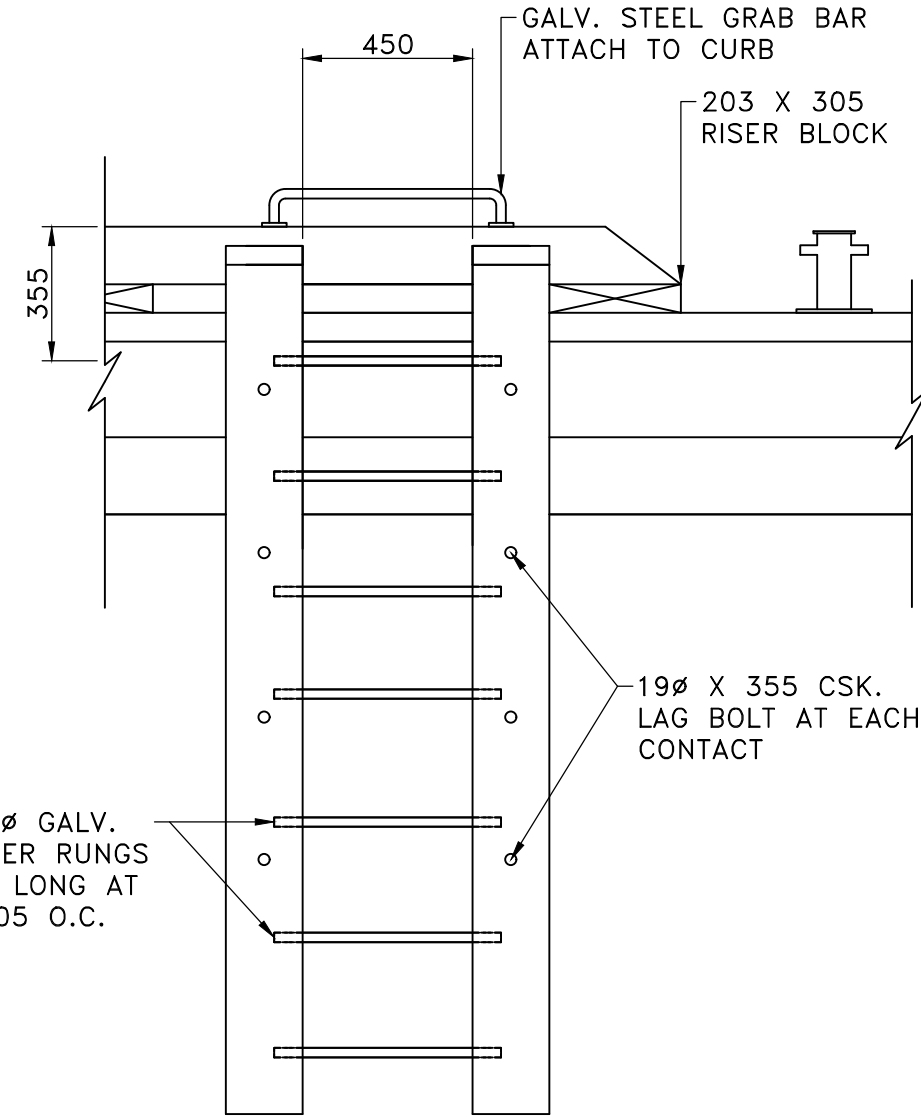
TOP



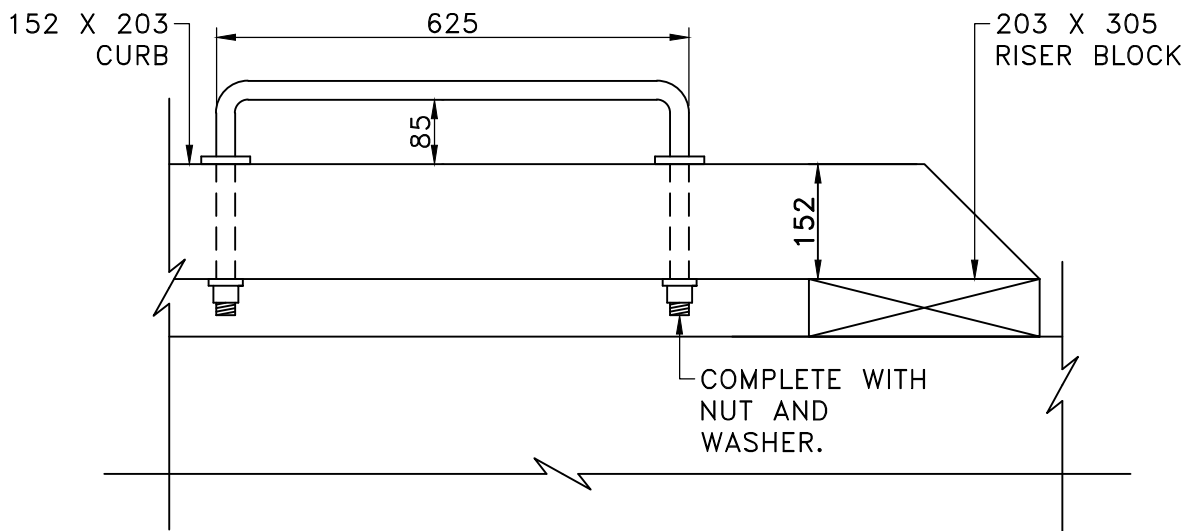
FRONT

SIDE

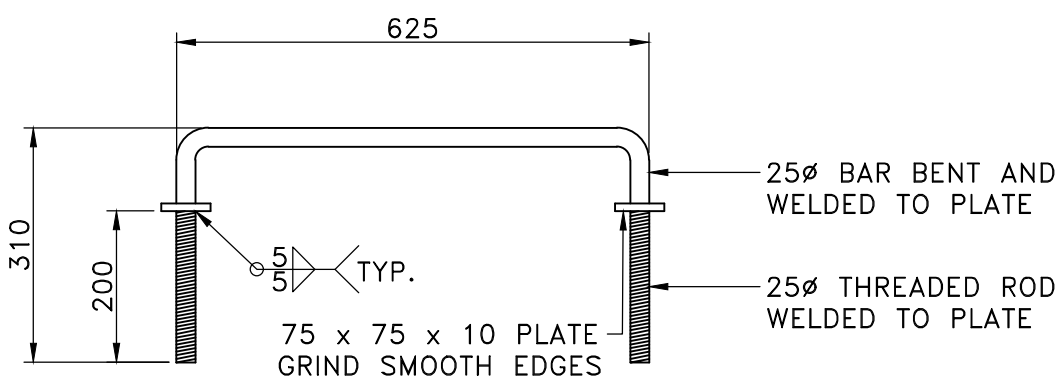
LADDER
SCALE 1:25
NOTE GRAB BAR NOT SHOWN FOR CLARITY



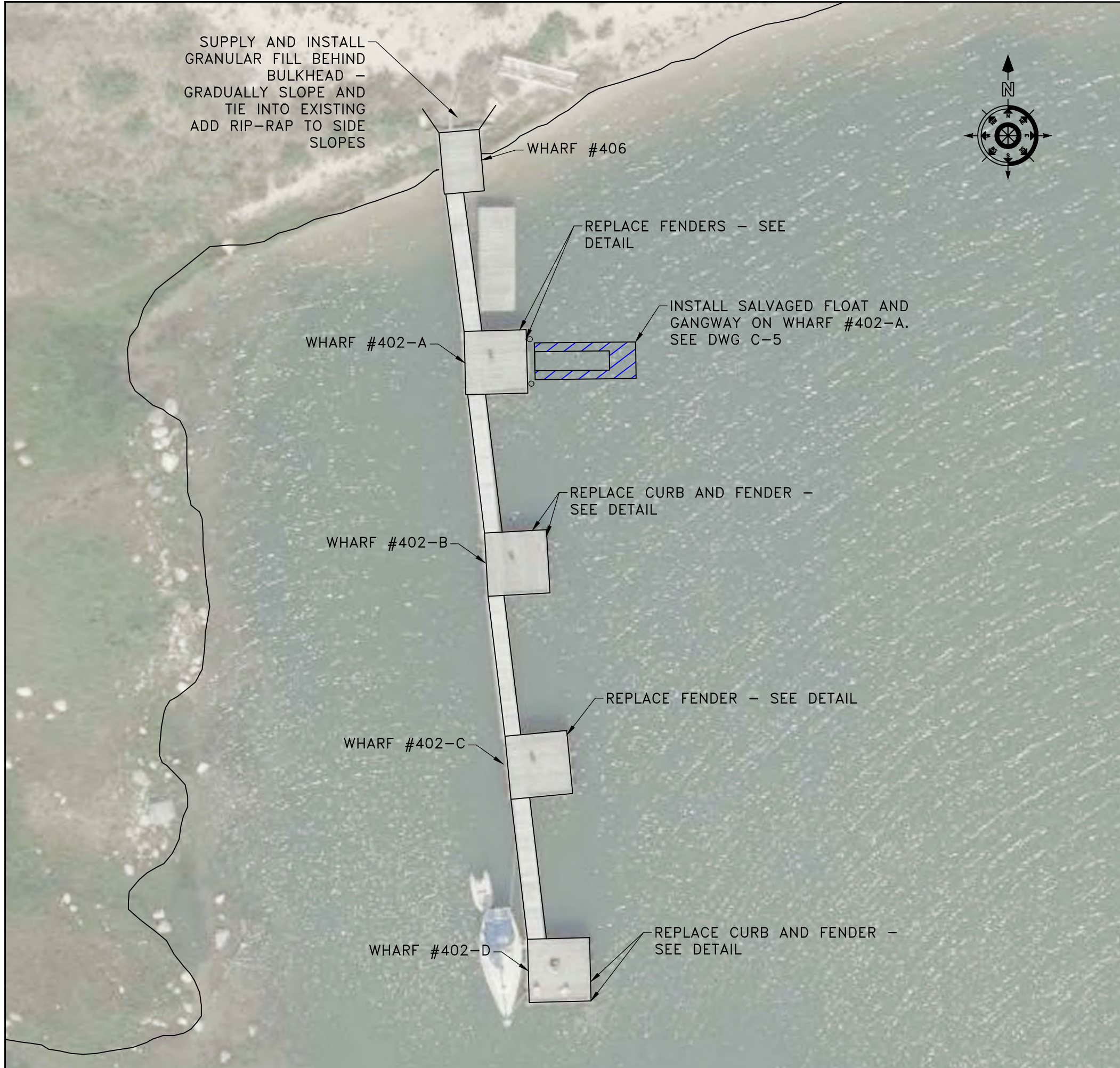
LADDER INSTALLATION
DETAIL
SCALE 1:20



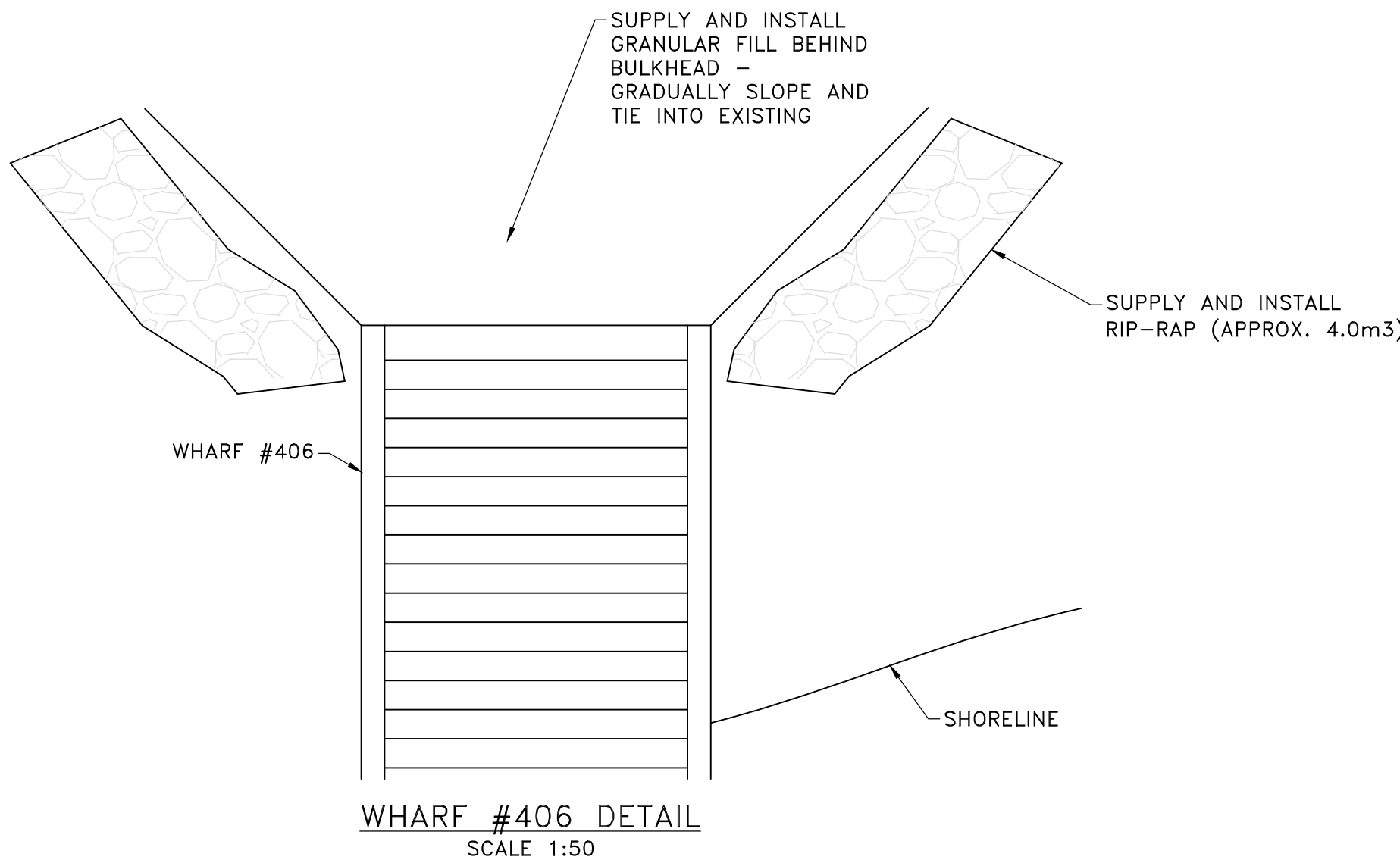
GALV. STEEL GRAB BAR
INSTALLATION DETAIL
SCALE 1:10



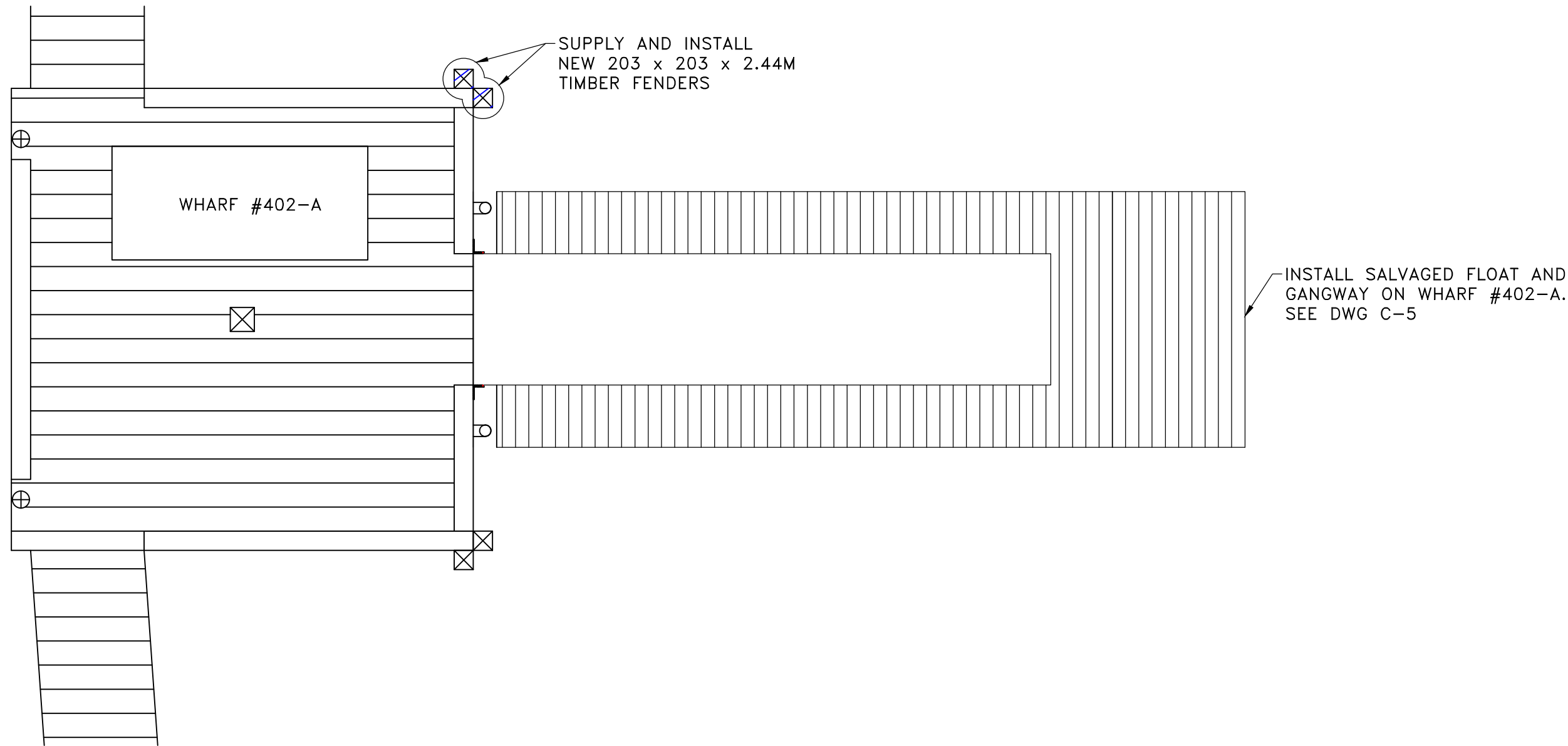
GALV. STEEL GRAB
BAR DETAIL
SCALE 1:10



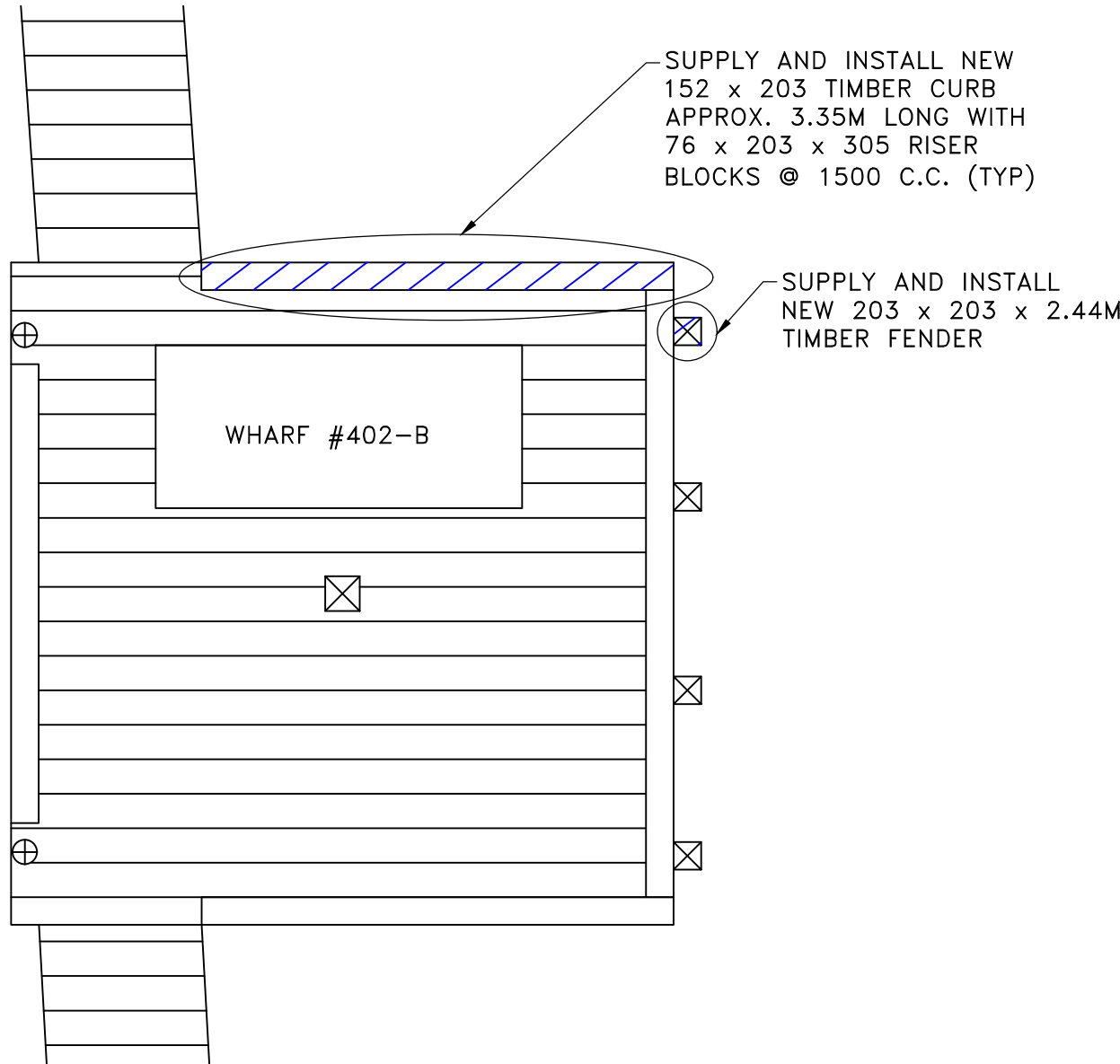
WEST HARBOUR
IMPROVEMENTS DETAIL
N.T.S.



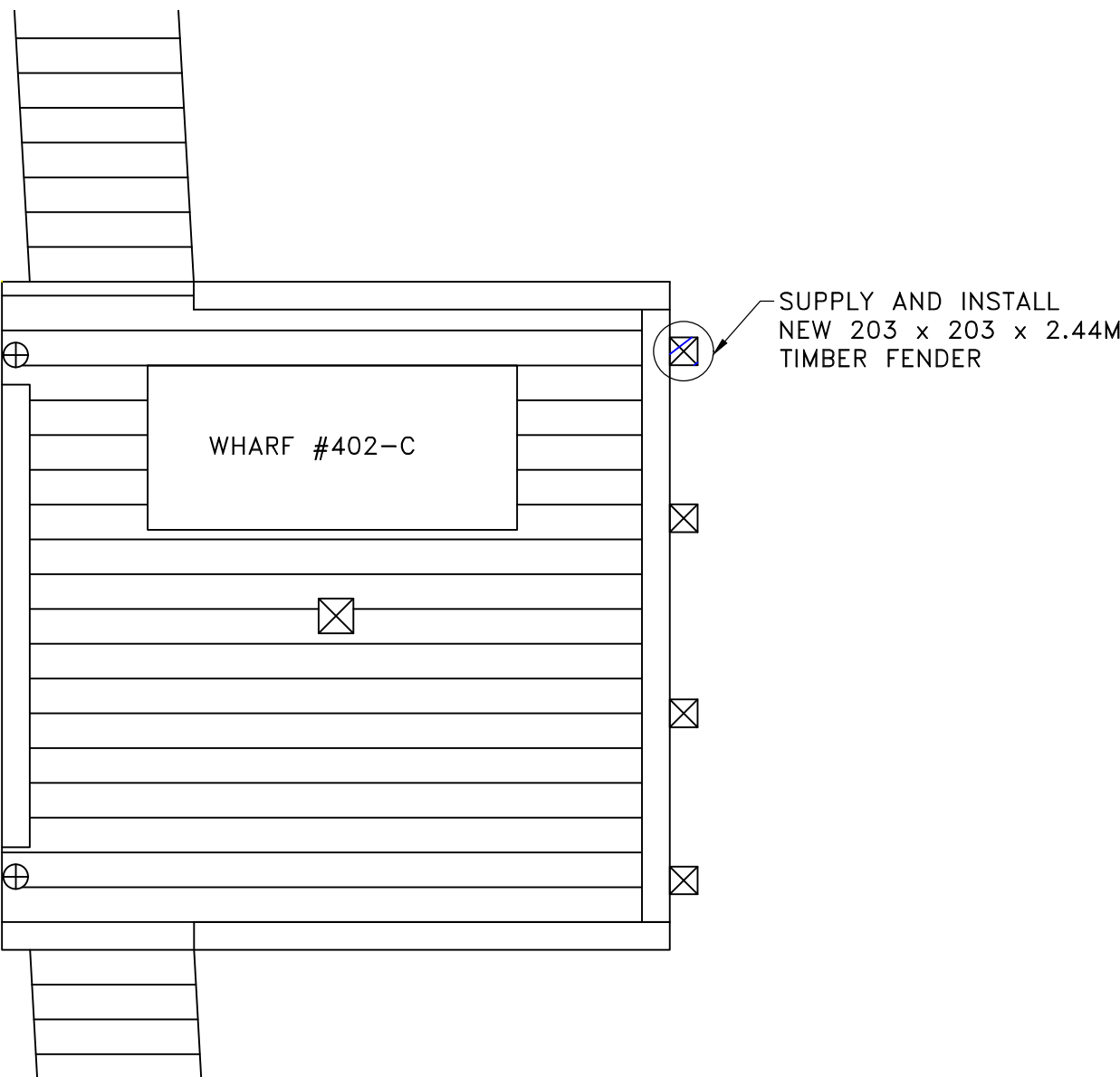
WHARF #406 DETAIL
SCALE 1:50



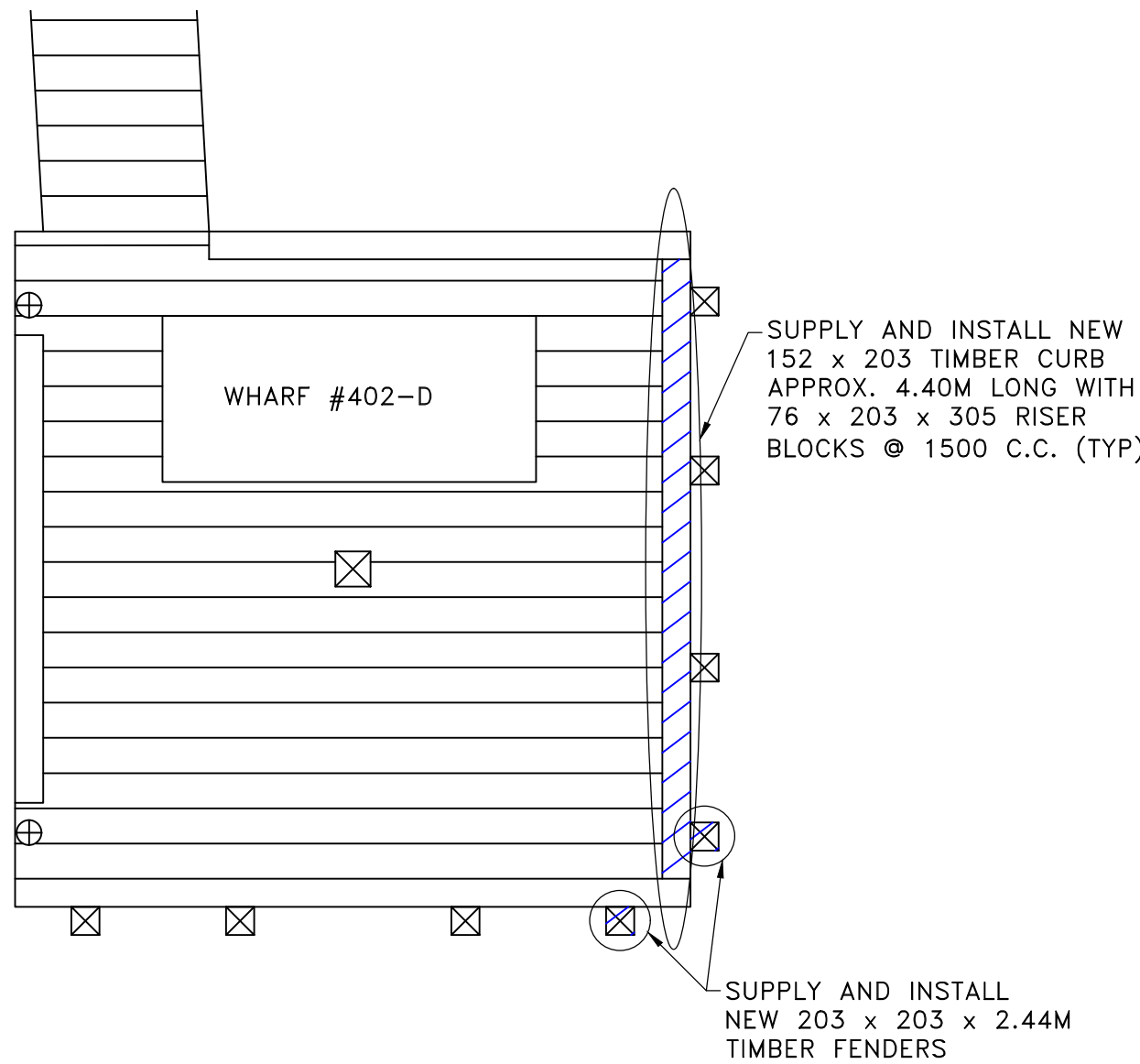
WHARF #402-A DETAIL
SCALE 1:50



WHARF #402-B DETAIL
SCALE 1:50



WHARF #402-C DETAIL
SCALE 1:50



WHARF #402-D DETAIL
SCALE 1:50

SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION



- NOTES:
1. DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
 2. ALL ROUGH TIMBER TO BE ROUGH-SAWN
 3. CURBING AND FENDERS TO BE INSTALLED AND FASTENED AS PER DETAILS ON DWG'S C-2 AND C-3
 4. RIP RAP AND GRANULAR SUPPLIED TO BE AS PER SPECIFICATIONS

REVISIONS:		DATE:
0	ISSUED FOR TENDER	APR 2020

SCALE:	CLASS:
AS SHOWN	

PROJECT:

WHARF RECONSTRUCTION

DESCRIPTION:

WEST HARBOUR
IMPROVEMENTS

DRAWN:	APPROVED:
SCH	SCH
DATE:	DATE:
APR 2020	APR 2020

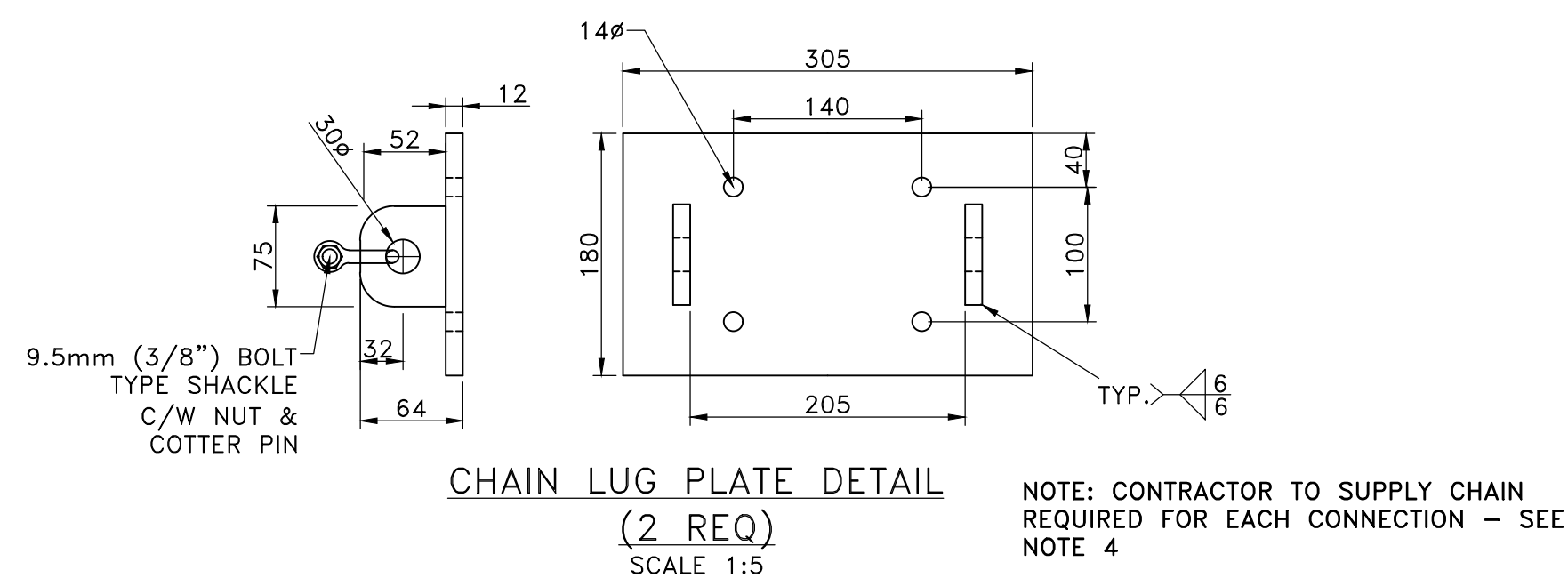
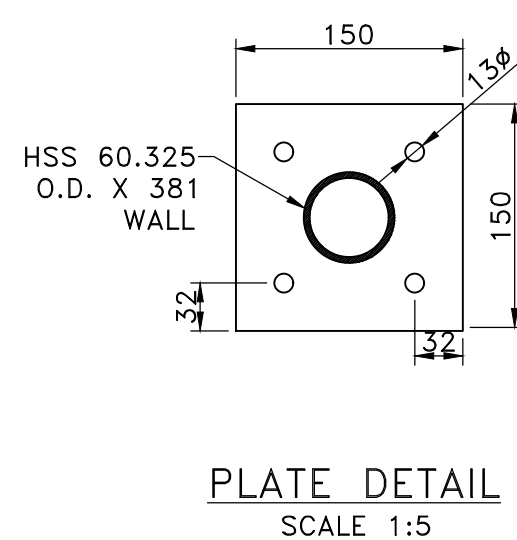
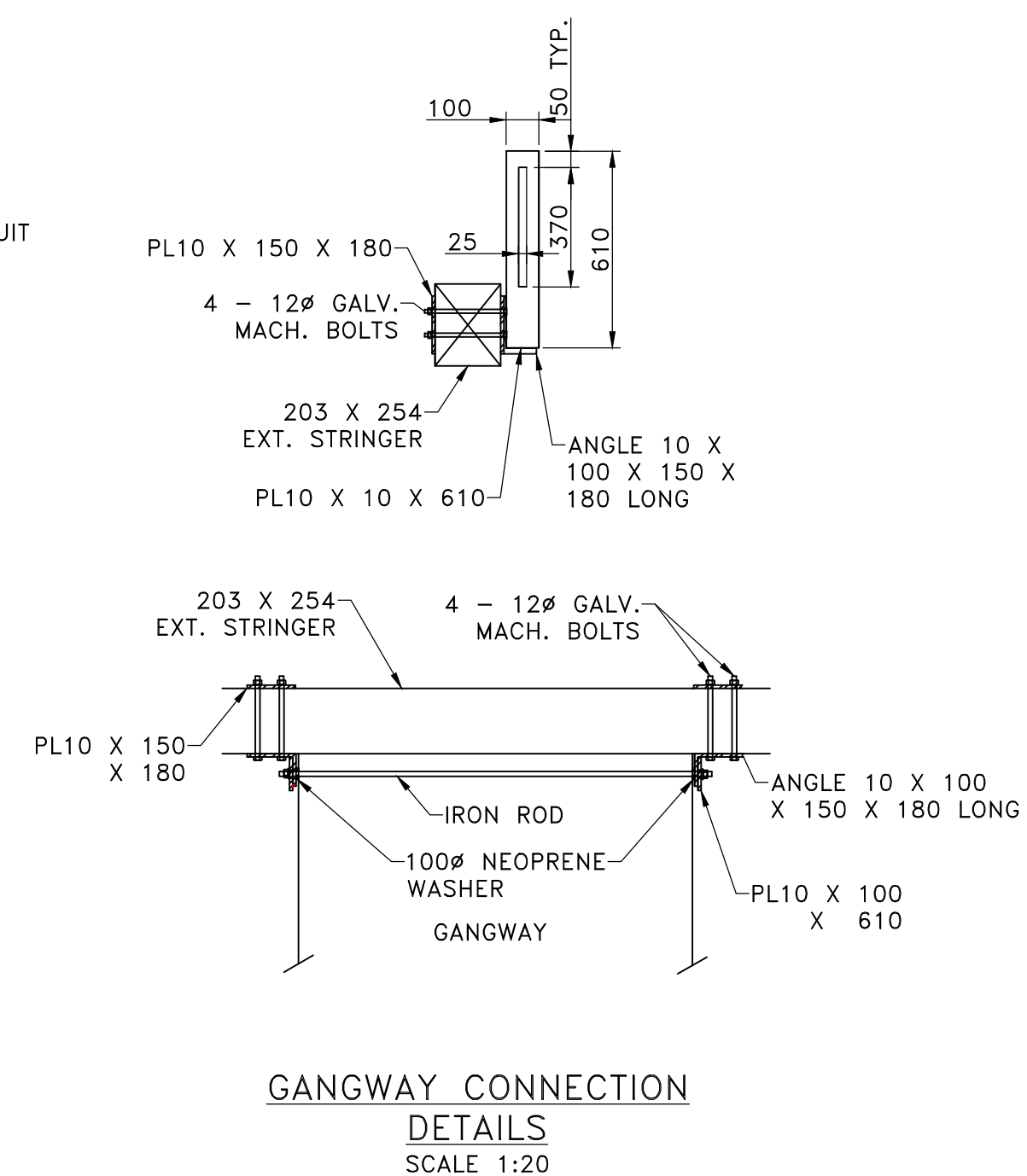
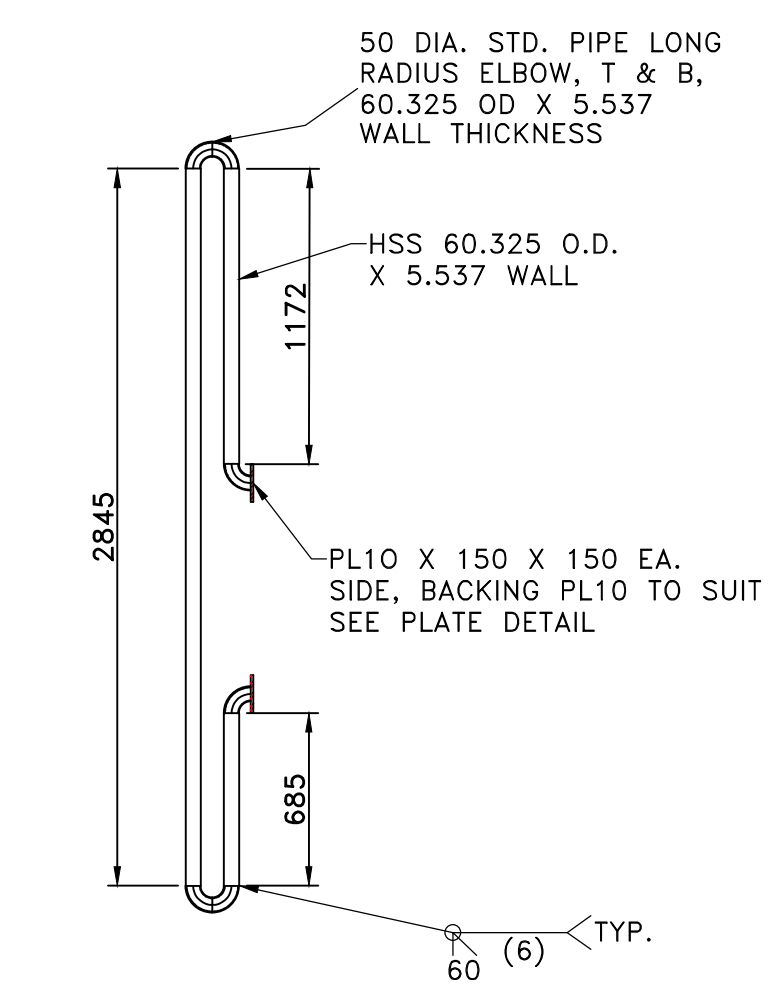
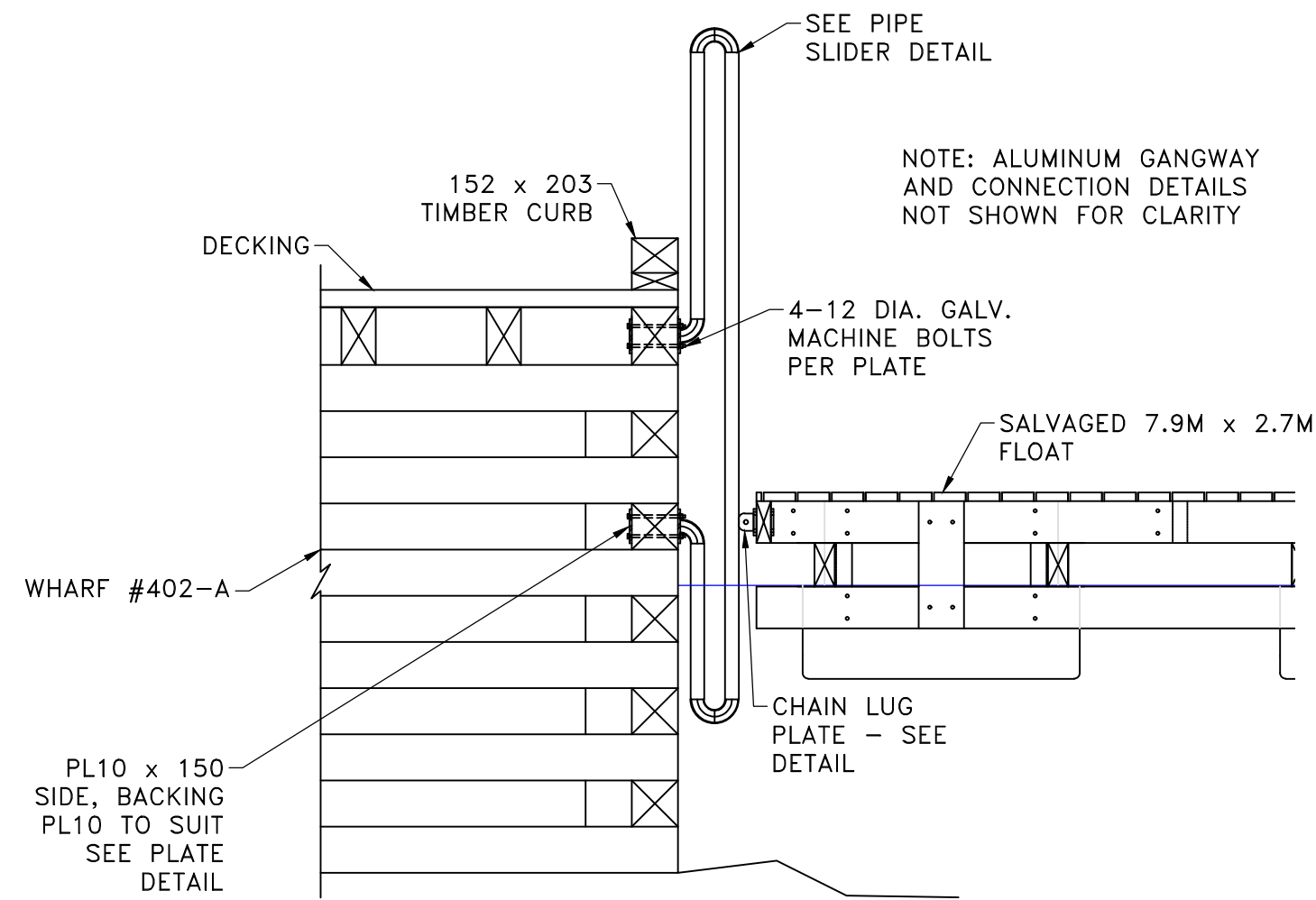
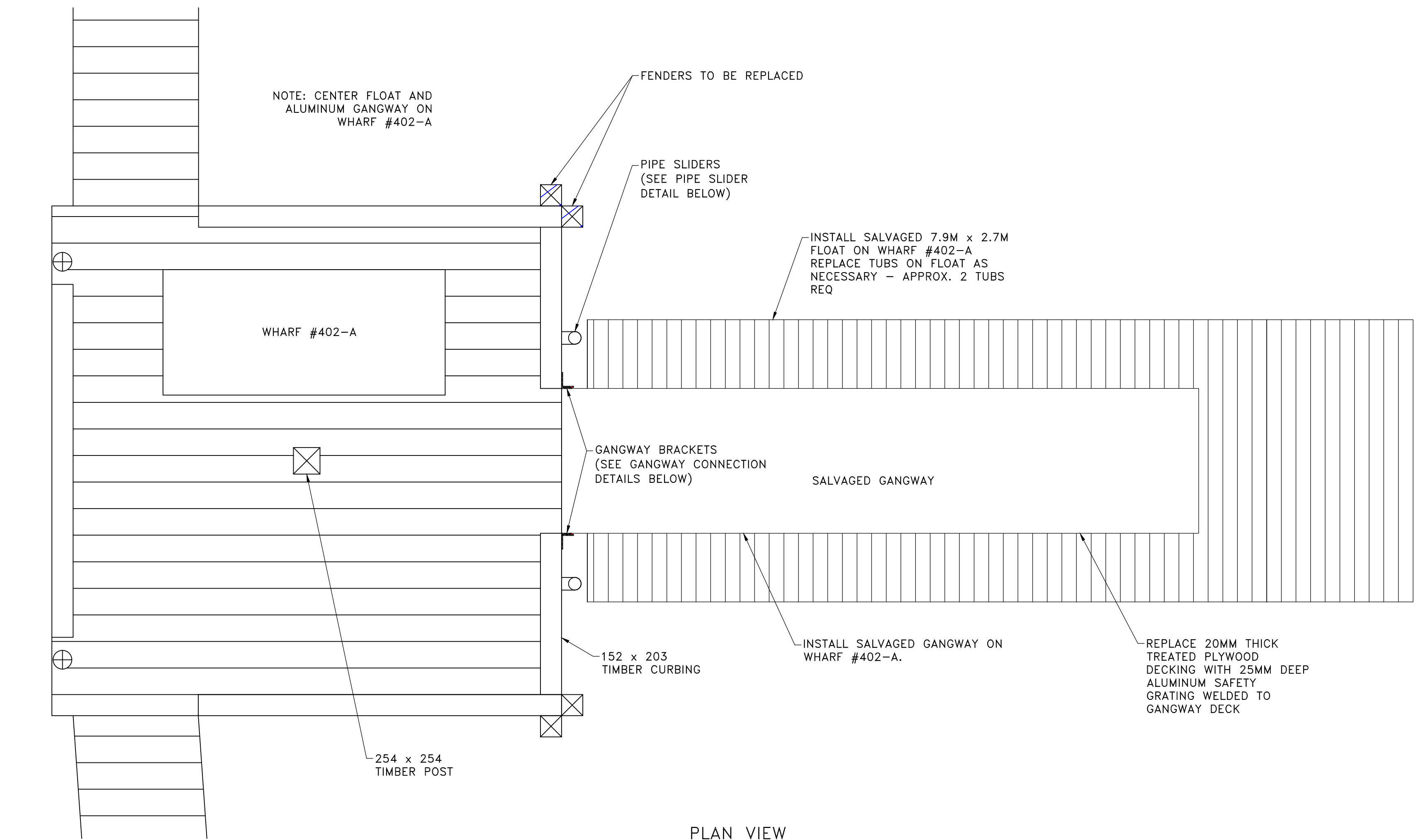
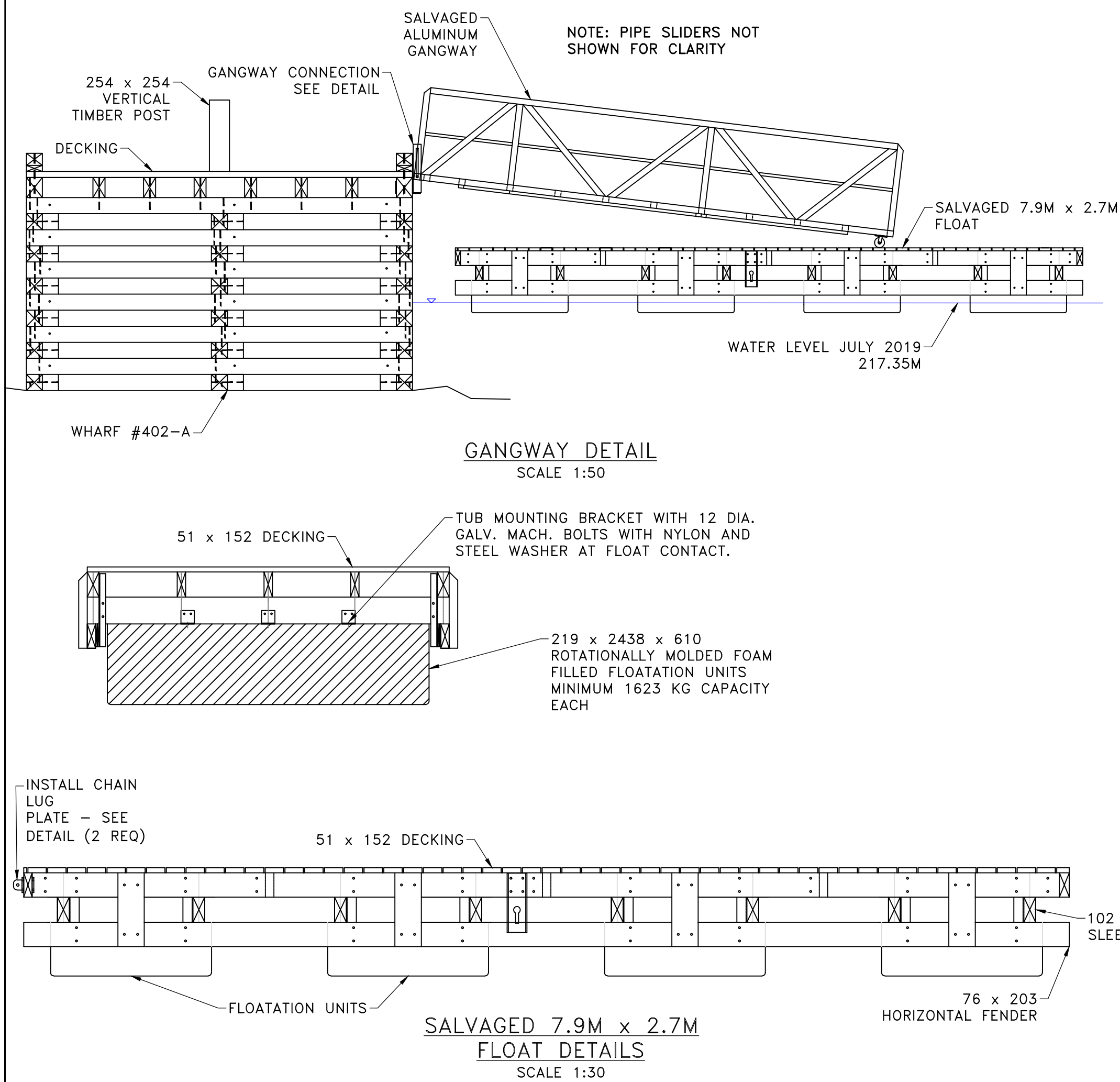
LOCATION:

GEORGE ISLAND
MANITOBA

DRAWING NO.:	LOCATOR CODE:
C-4 OF 6	5518



WEST HARBOUR
IMPROVEMENTS DETAIL
N.T.S.



SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION



- NOTES:
1. DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
 2. ELEVATIONS ARE IN METRES UNLESS OTHERWISE STATED
 3. CONTRACTOR TO SHOP PAINT ALL STEEL HARDWARE WITH TWO (2) COATS OF RED RUST INHIBITOR PAINT UNLESS OTHERWISE NOTED
 4. CONTRACTOR TO SUPPLY 19.5MM GALVANIZED CHAIN CONNECTED AT EACH END TO CROSBY SHACKLE. LENGTH OF CHAIN TO ALLOW FOR FREE MOVEMENT BETWEEN FLOAT WHARF AND PIPE SLIDER - ONE CHAIN PER TWO (2) SHACKLES/CHAIN LUGS. CHAIN LUG TO BE INSTALLED ON FLOATS AT LOCATIONS AS PER ENGINEER FIELD INSTRUCTION

REVISIONS:		DATE:
0	ISSUED FOR TENDER	APR 2020

SCALE:	CLASS:
AS SHOWN	

PROJECT:
WHARF RECONSTRUCTION

DESCRIPTION:
FLOAT AND GANGWAY INSTALLATION DETAILS

DRAWN:	APPROVED:
SCH	SCH
DATE:	DATE:
APR 2020	APR 2020

LOCATION:	
GEORGE ISLAND MANITOBA	
DRAWING NO.:	LOCATOR CODE:
C-5 OF 6	5518

