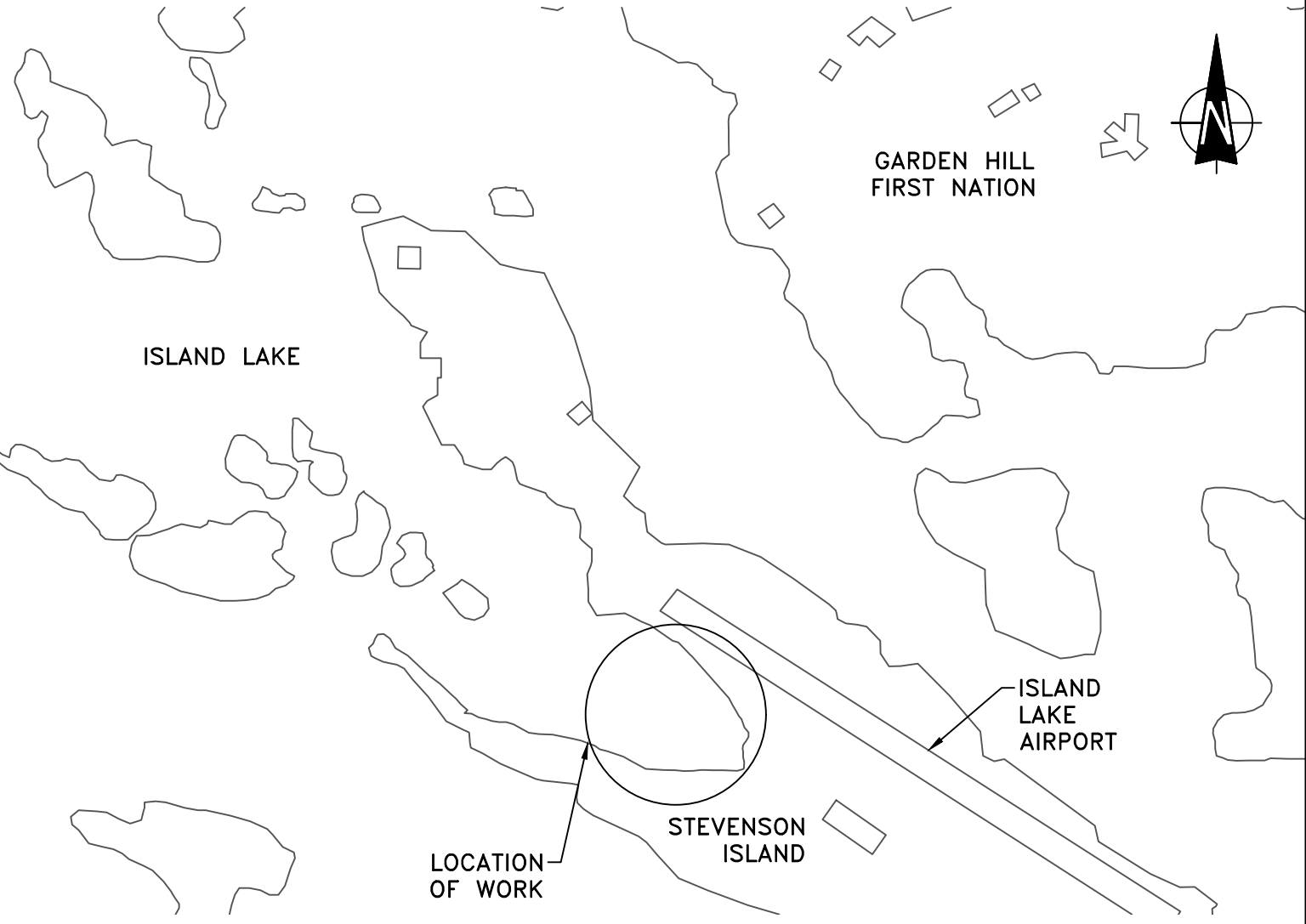
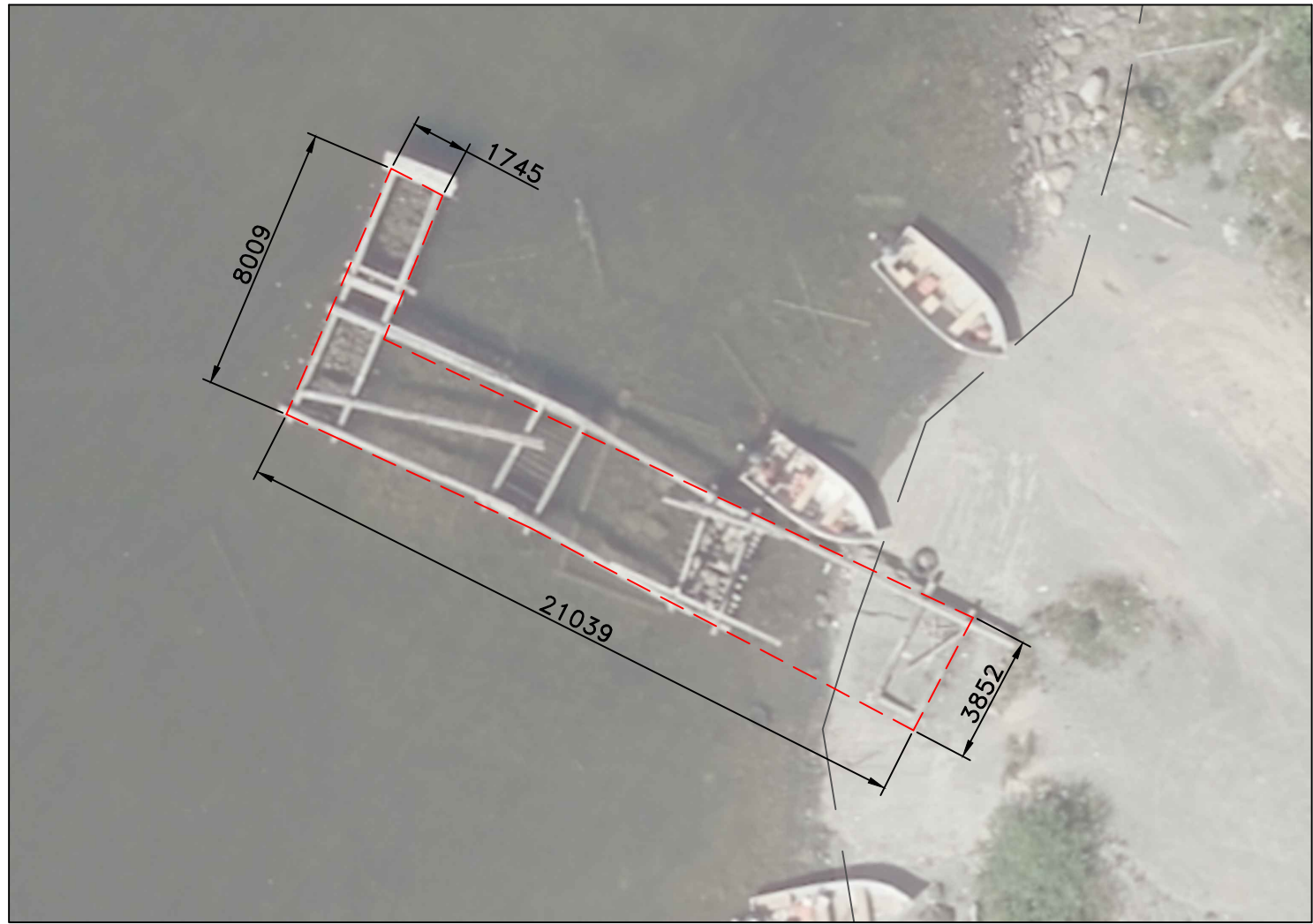


LOCATION CHART
NOT TO SCALE



DETAILED LOCATION PLAN
NOT TO SCALE



EXISTING WHARF
(TO BE DEMOLISHED)
SCALE: 1:200



SITE PLAN
SCALE: 1:1000



- NOTES:
1. DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
 2. ELEVATIONS SHOWN ARE IN METRES UNLESS OTHERWISE STATED
 3. ALL TIMBER TO BE ROUGH SAWN SIZED
 4. COORDINATES FOR THE HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 15, USING THE NORTH AMERICAN DATUM OF 1983 (NAD83)
 5. ELEVATIONS ARE GIVEN USING THE CANADIAN GEODETIC DATUM OF 1927 (CGVD27)
 6. PROVIDE DEPARTMENTAL REPRESENTATIVE MINIMUM 72 HOURS NOTICE PRIOR TO INSTALLING STONE MATTRESS, CRIB INSTALLATION OR ANY BACKFILLING
 7. CONTRACTOR TO ENSURE ACCESS TO EXISTING LOCAL WINTER ROAD IS NOT IMPEDED DURING CONSTRUCTION ACTIVITIES - CONTRACTOR TO ENSURE PROPER BARRIERS ARE IN PLACE ALONG CONSTRUCTION SITE
 8. EXISTING WHARF BALLAST TO BE REMOVED AND DISPOSED OF OFF-SITE
 9. EXISTING WHARF TIMBER TO BE SALVAGED AND STORED ON-SITE AT CONSTRUCTION LAYDOWN AREA

REVISIONS:		DATE:
0	ISSUED FOR TENDER	OCT 2019

SCALE:	CLASS:
AS NOTED	

PROJECT:
WHARF CONSTRUCTION

DESCRIPTION:
SITE PLAN AND DEMOLITION

DRAWN:	APPROVED:
SCH	SCH
DATE:	DATE:
OCT 2019	OCT 2019

LOCATION:
STEVENSON ISLAND, MB

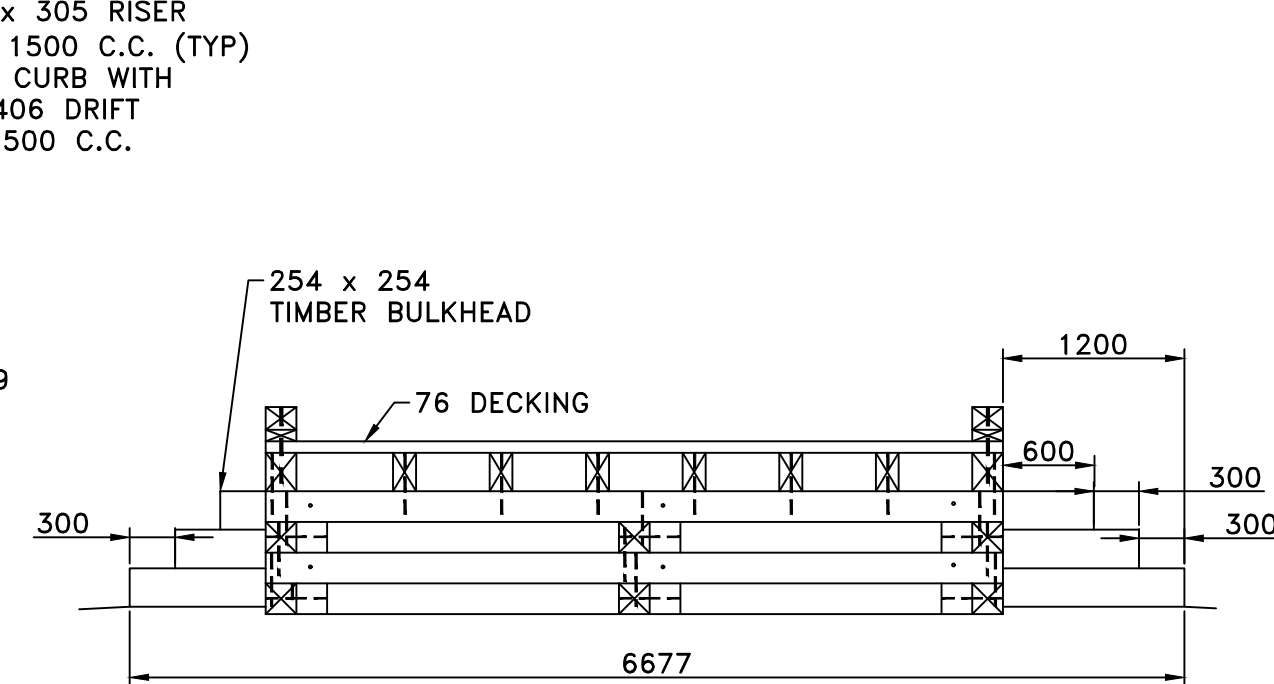
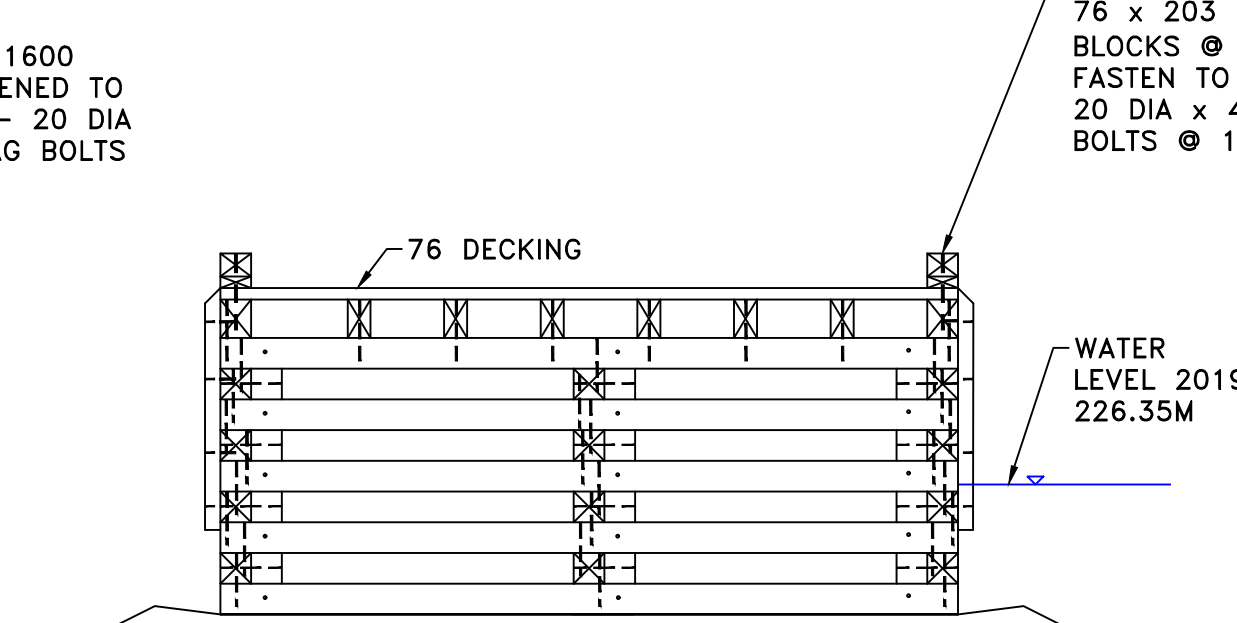
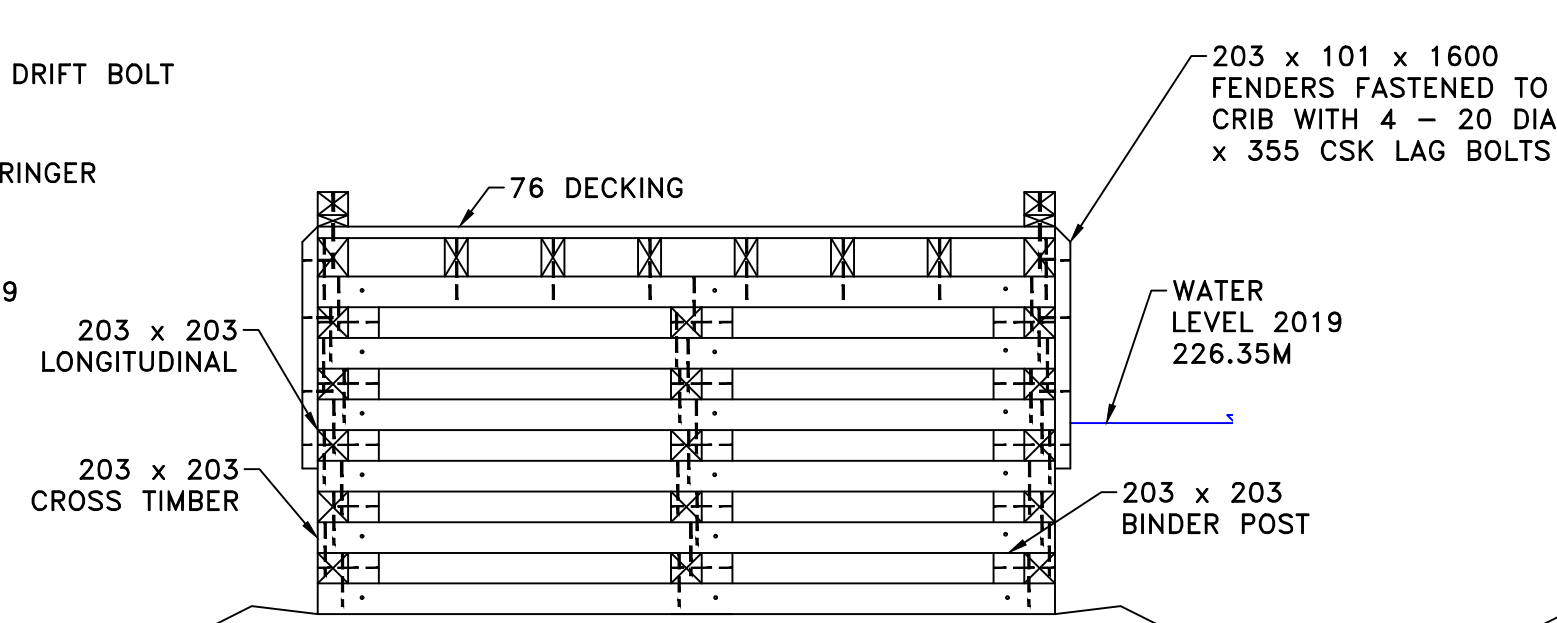
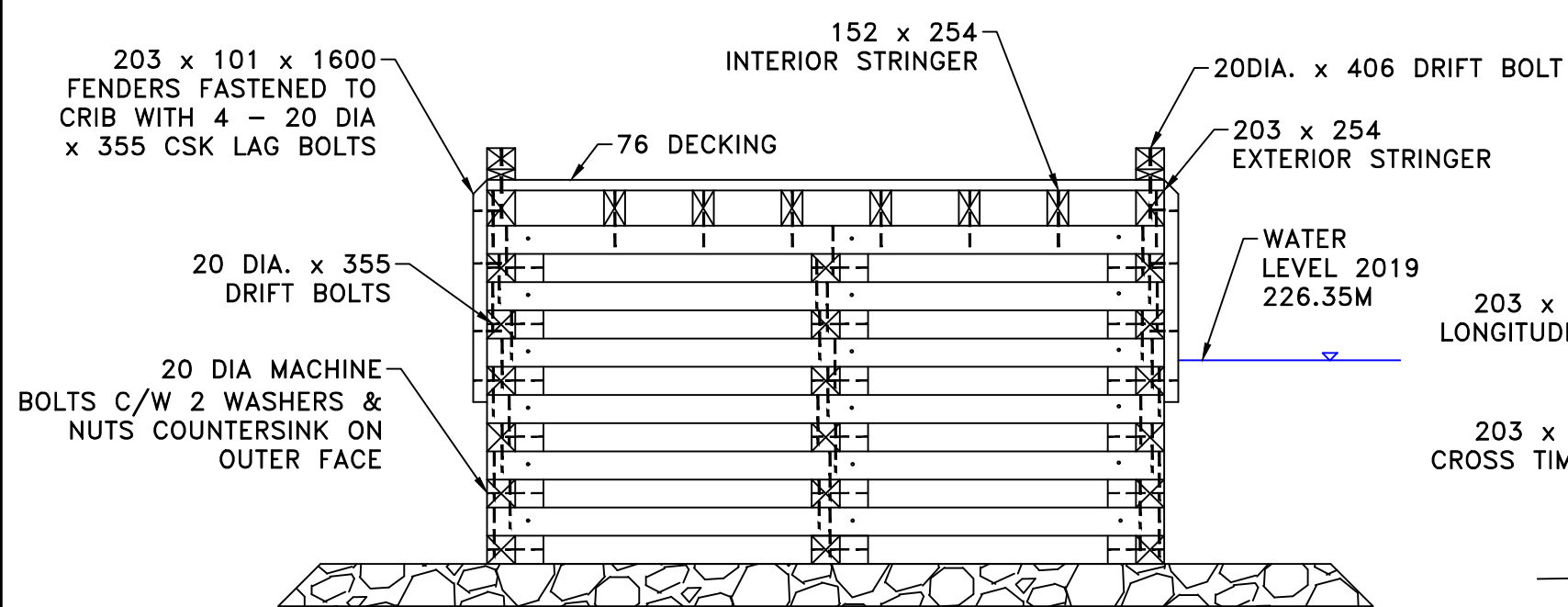
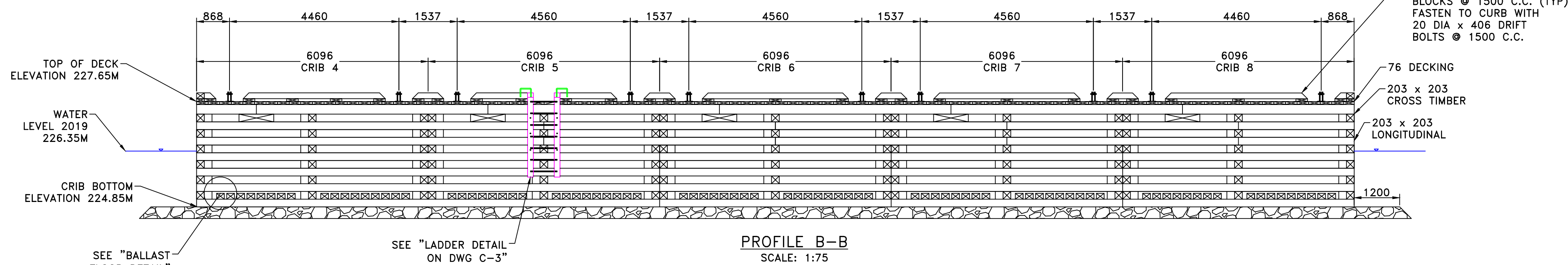
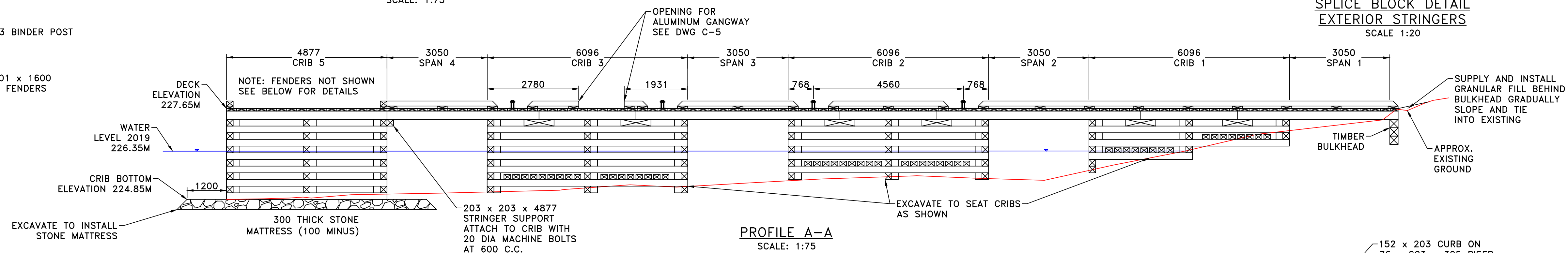
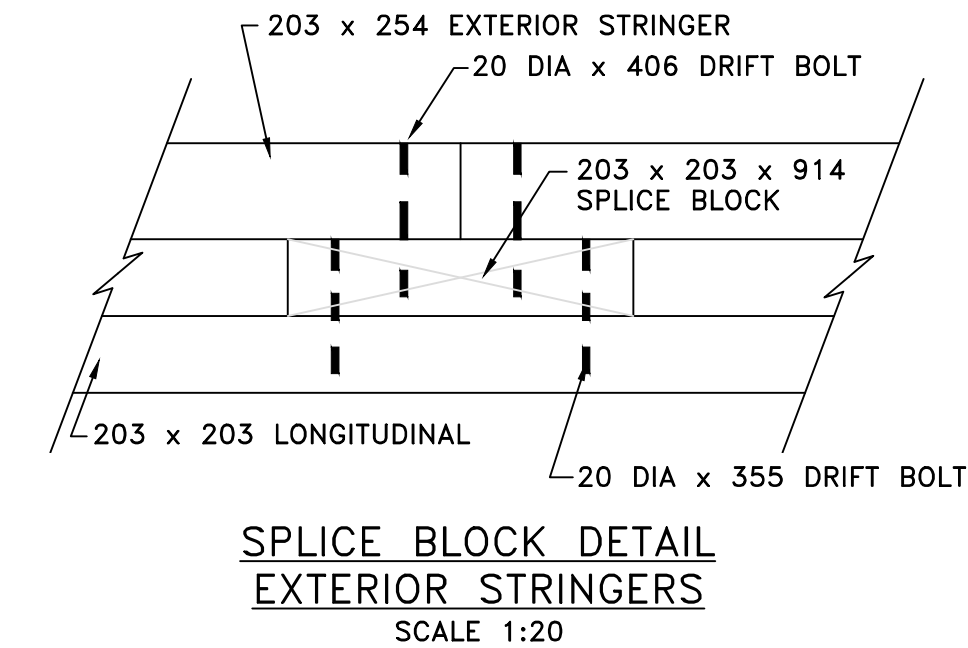
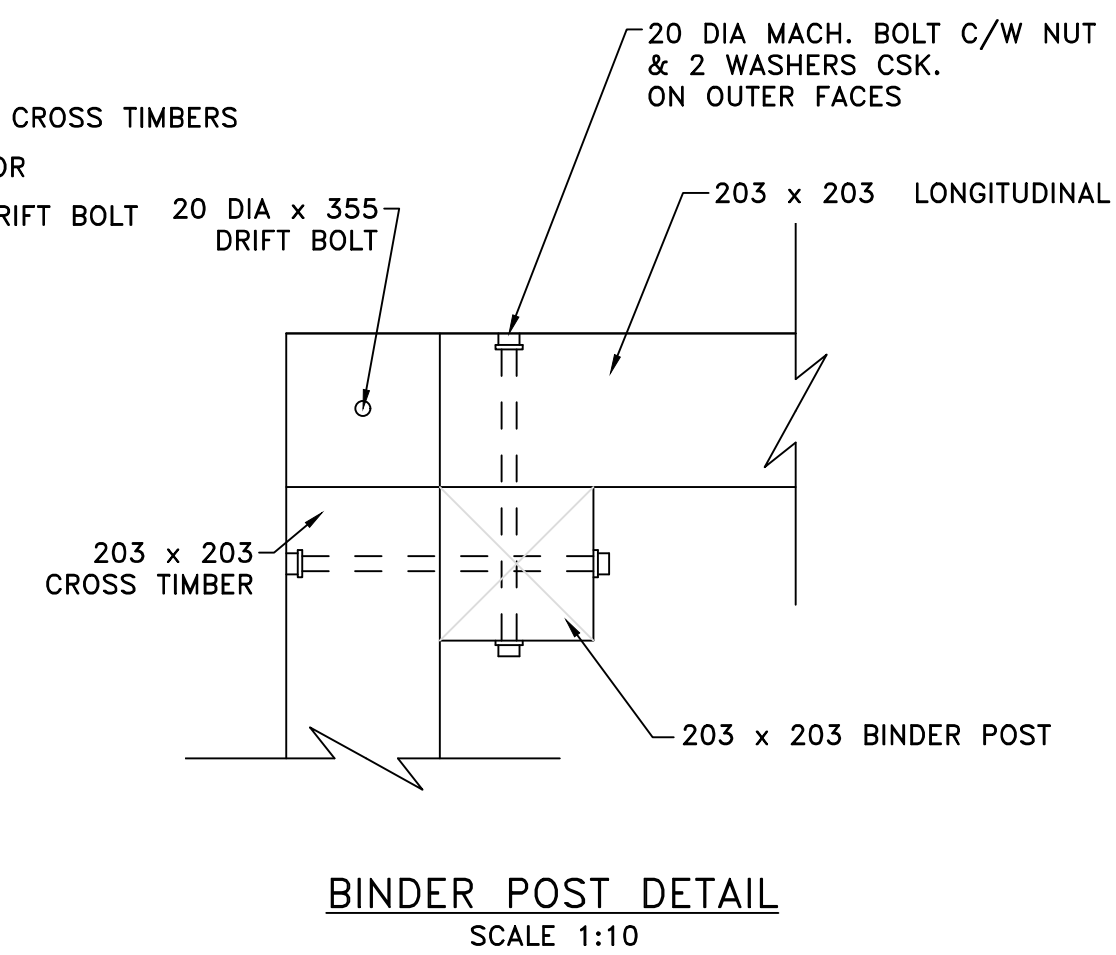
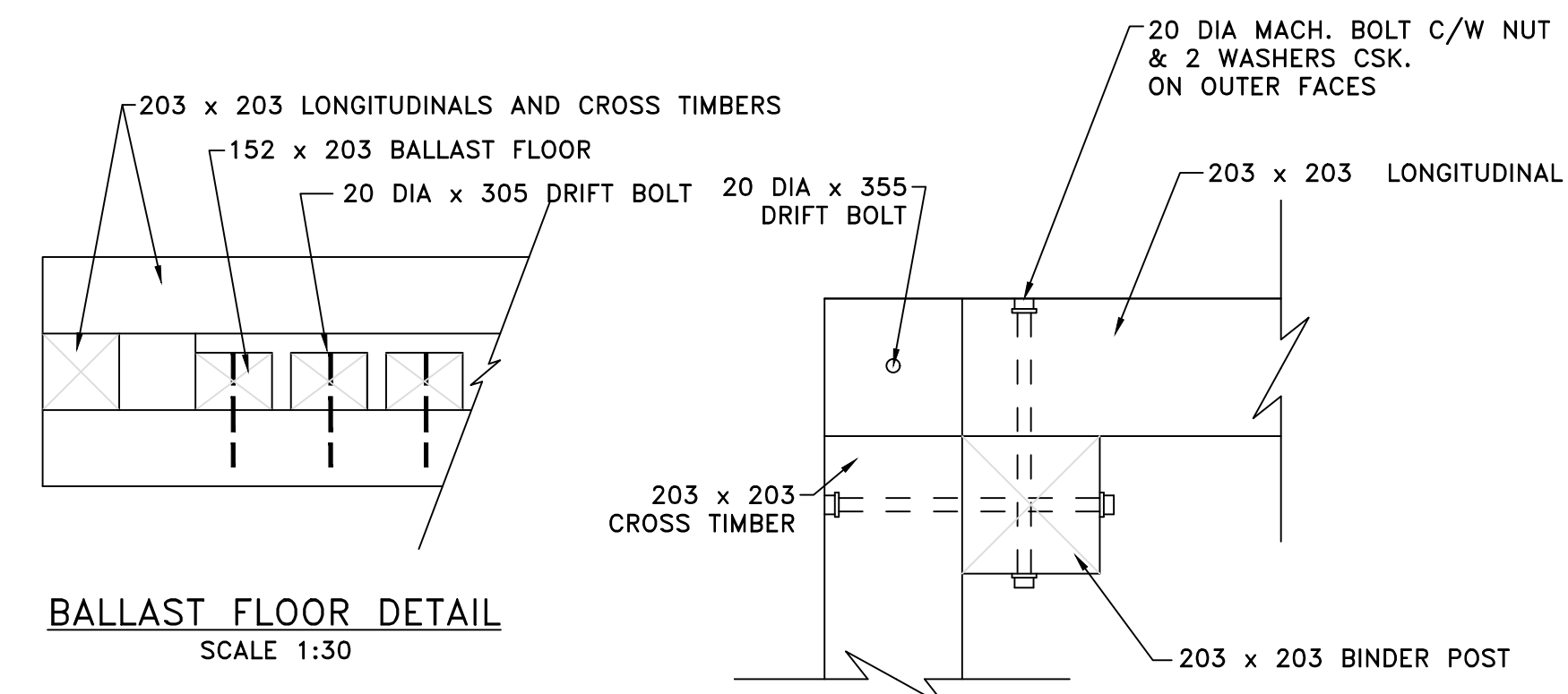
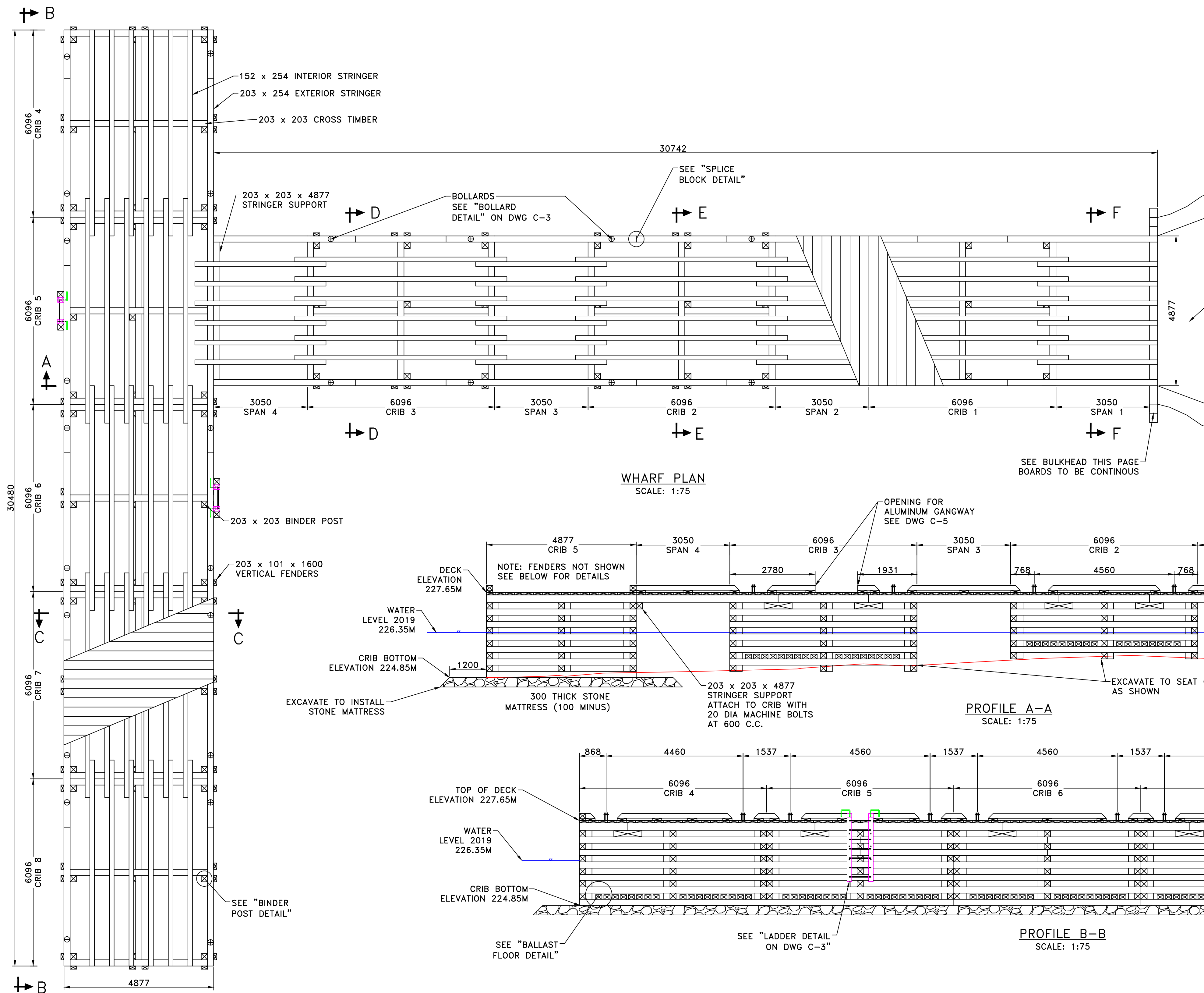
DRAWING NO.:	LOCATOR CODE:
C-1	5592



EXISTING WHARF
PHOTO #1
NOT TO SCALE



EXISTING WHARF
PHOTO #2
NOT TO SCALE



SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION



- NOTES:
1. DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
 2. ELEVATIONS SHOWN ARE IN METRES UNLESS OTHERWISE STATED
 3. ALL TIMBER TO BE ROUGH SAWN SIZED
 4. COORDINATES FOR THE HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 15, USING THE NORTH AMERICAN DATUM OF 1983 (NAD83)
 5. ELEVATIONS ARE GIVEN USING THE CANADIAN GEODETIC DATUM OF 1927 (CGVD27)
 6. PROVIDE DEPARTMENTAL REPRESENTATIVE WITH MINIMUM 72 HOURS NOTICE PRIOR TO CRIB INSTALLATION
 7. ADJUST CRIBS TO SUIT EXISTING SITE BOTTOM CONDITIONS AS REQUIRED.
 8. CRIBS 1, 2 AND 3 TO BE LEVELED WITH TIMBER BLOCKING - BLOCKING TO BE FASTENED TO BOTTOM OF CRIB. NOTE: DO NOT USE EXCAVATED MATERIAL TO LEVEL CRIB

REVISIONS:	DATE:
0 ISSUED FOR TENDER	OCT 2019

SCALE:	CLASS:
--------	--------

PROJECT:

WHARF CONSTRUCTION

DESCRIPTION:

PLAN, PROFILE, AND SECTION VIEWS

DRAWN:	APPROVED:
SCH	SCH
DATE:	DATE:
OCT 2019	OCT 2019

LOCATION:

STEVENSON ISLAND, MB

DRAWING NO.:	LOCATOR CODE:
C-2	5592

SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION



- NOTES:
1. DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
 2. CONTRACTOR TO ENSURE SOURCE OF ROCK MATERIAL HAS BEEN IDENTIFIED PRIOR TO SUBMISSION OF TENDER, INCLUDING TIMELINES FOR PERMITTING
 3. ELEVATIONS SHOWN ARE IN METRES UNLESS OTHERWISE STATED
 4. ALL TIMBER TO BE ROUGH SAWN SIZED
 5. COORDINATES FOR THE HORIZONTAL CONTROL ARE GIVEN ON THE U.T.M. MAPPING PLANE, ZONE 15, USING THE NORTH AMERICAN DATUM OF 1983 (NAD83)
 6. ELEVATIONS ARE GIVEN USING THE CANADIAN GEODETIC DATUM OF 1927 (CGVD27)

REVISIONS:		DATE:
0	ISSUED FOR TENDER	OCT 2019

SCALE:	CLASS:
AS NOTED	

PROJECT:

WHARF CONSTRUCTION

DESCRIPTION:

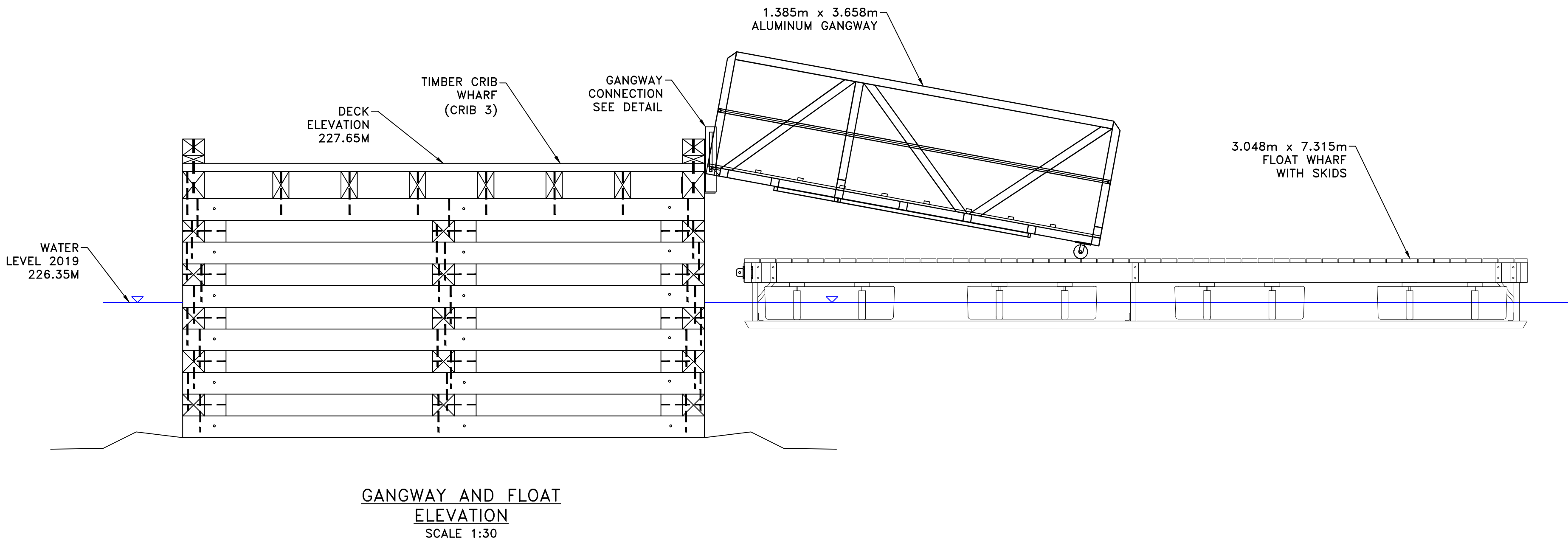
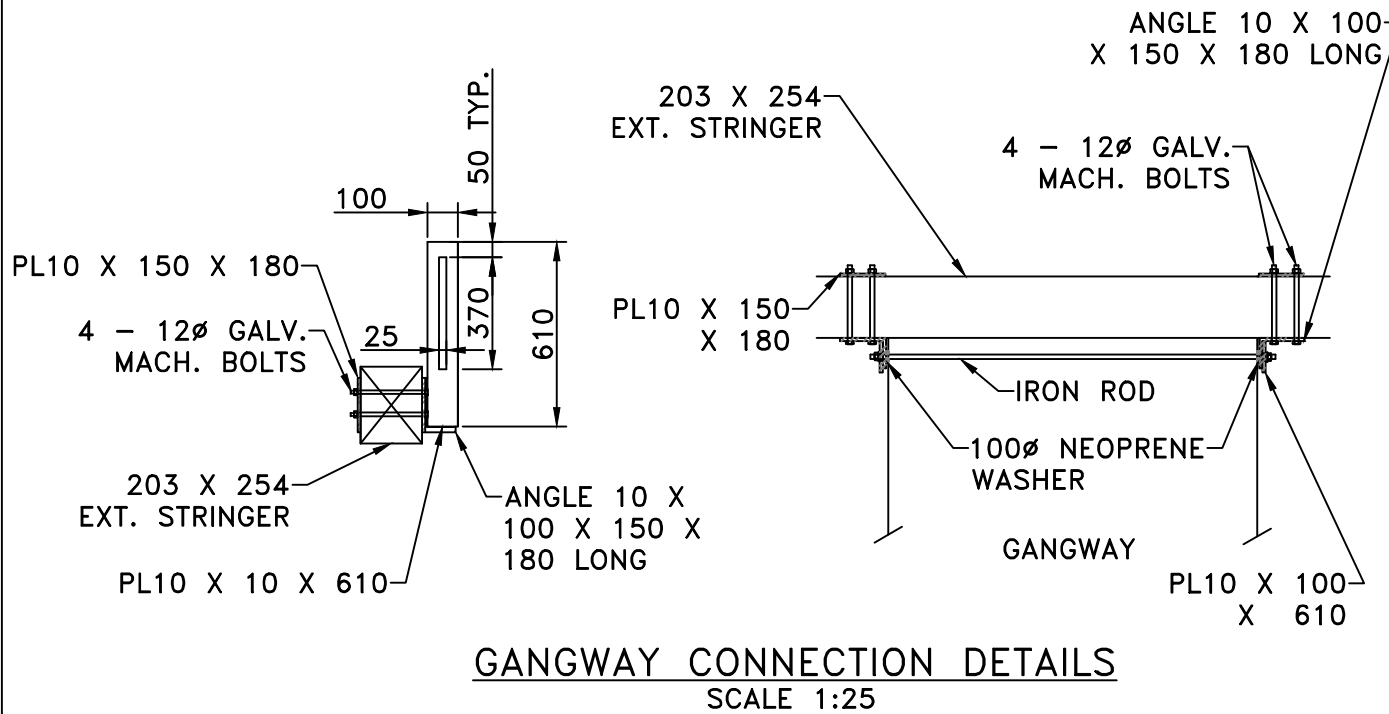
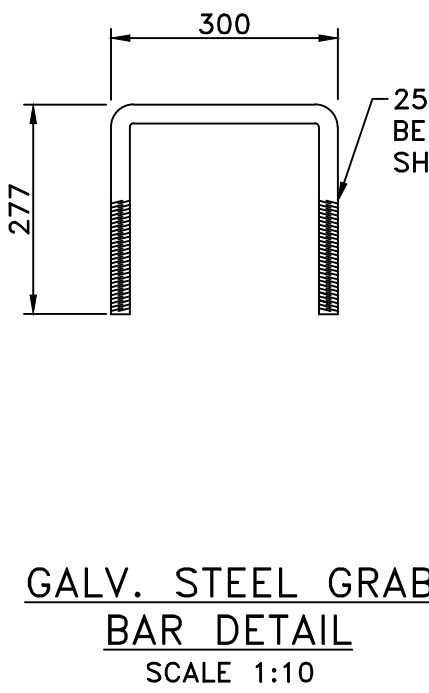
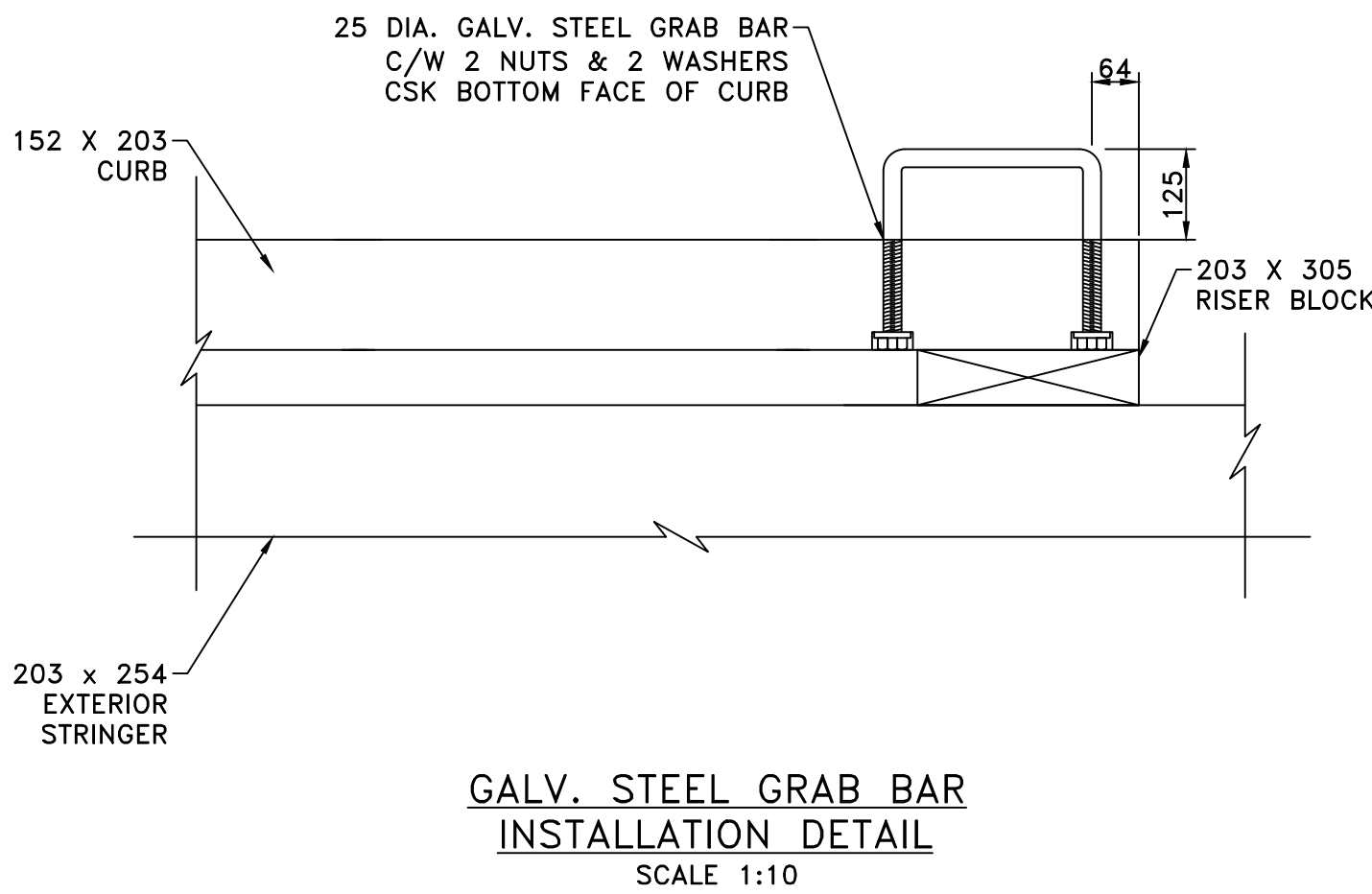
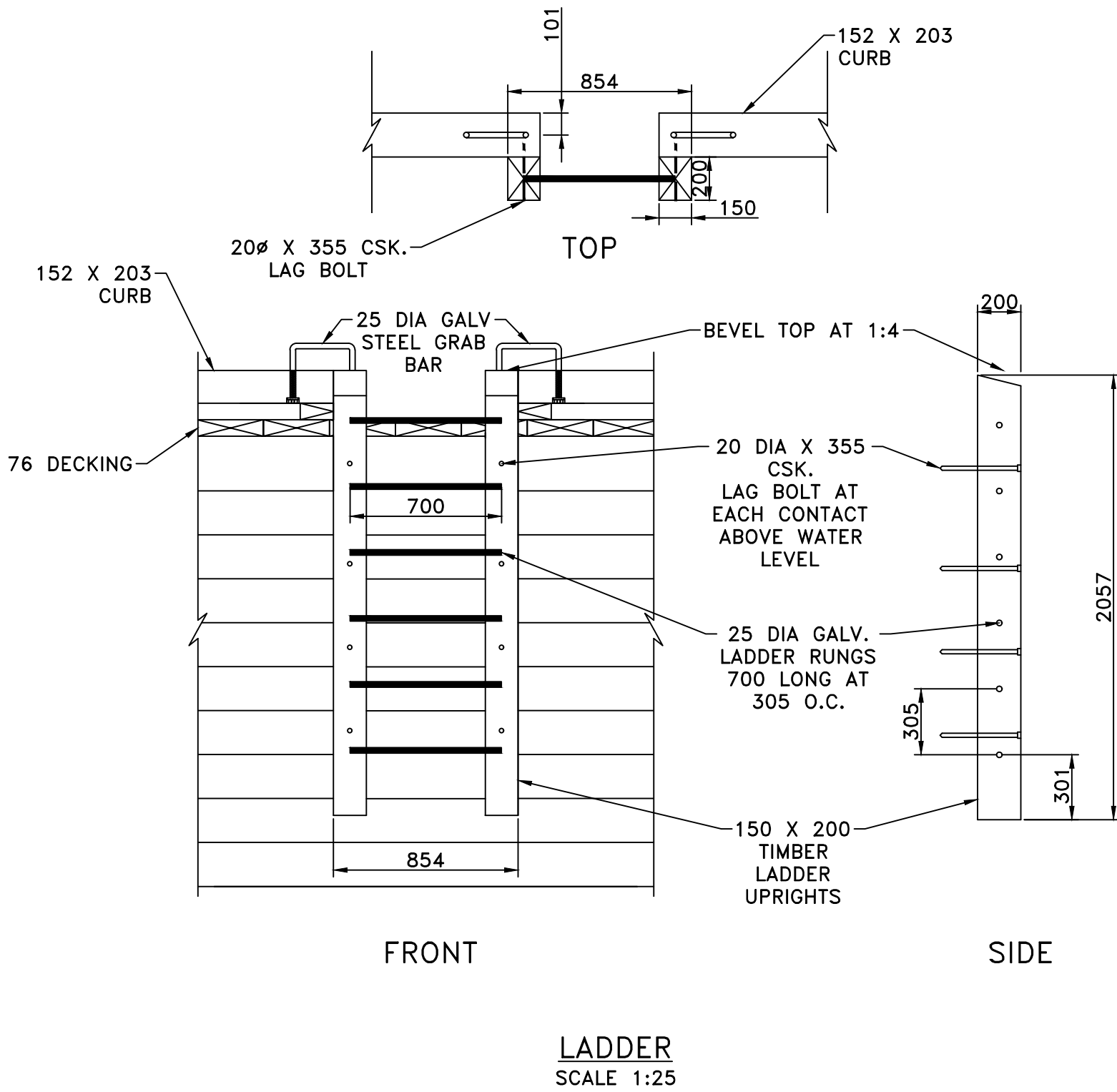
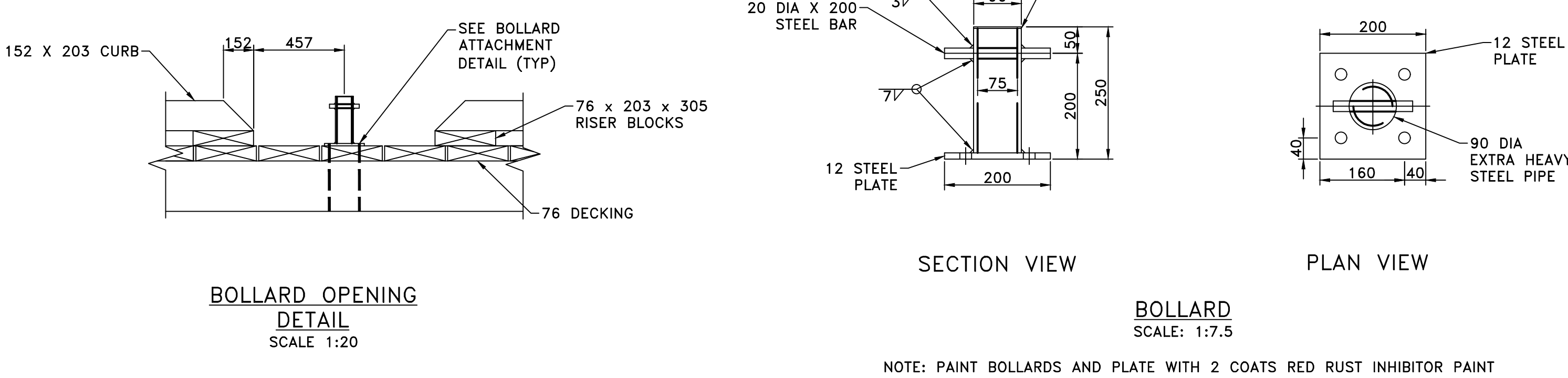
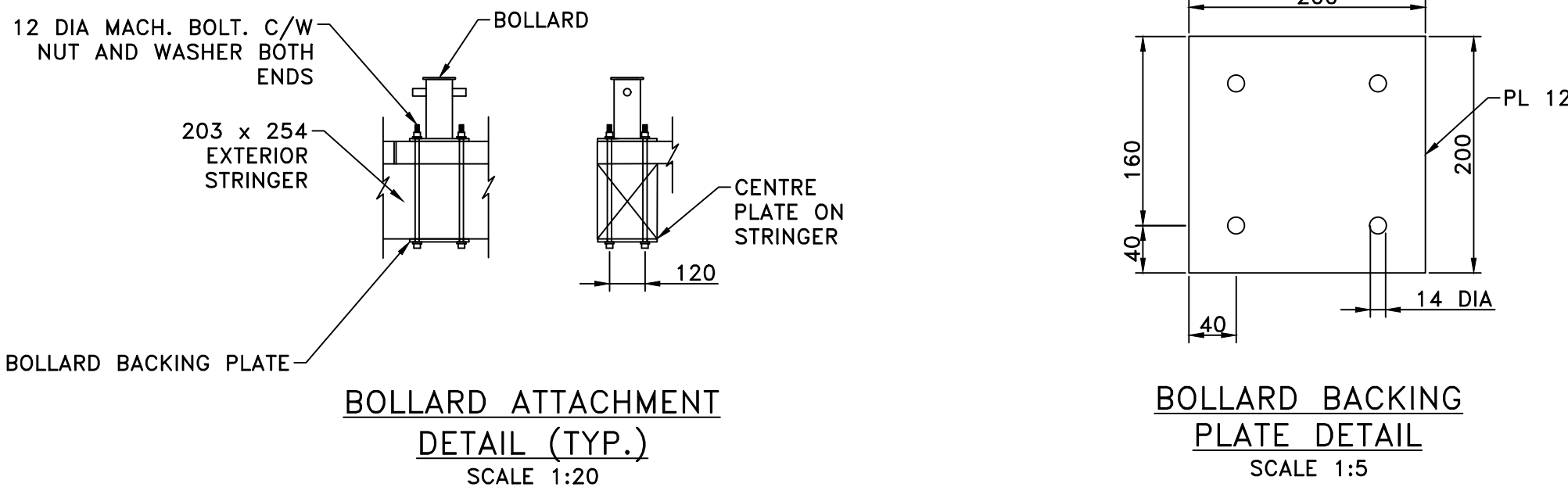
SECTION VIEWS

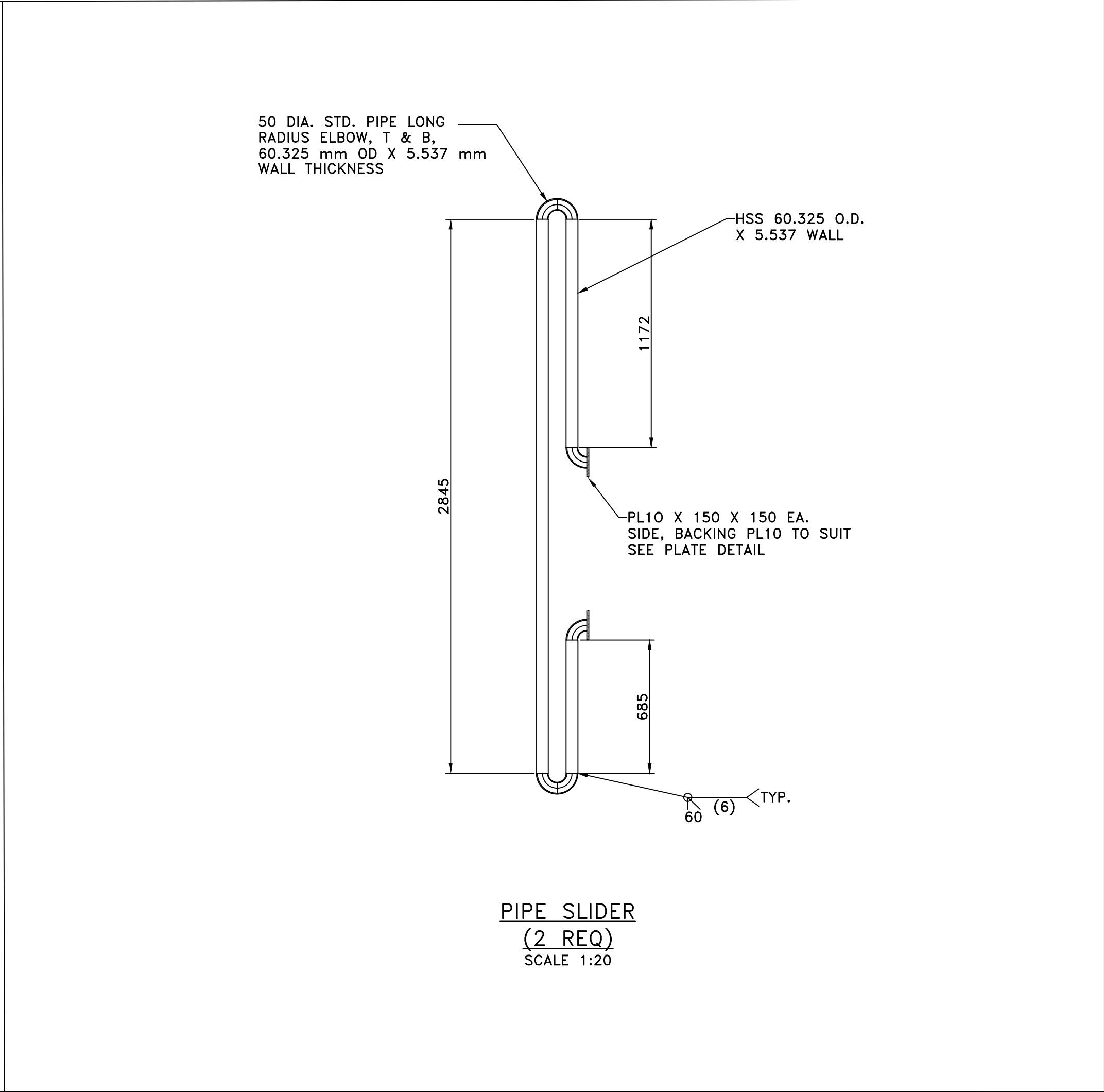
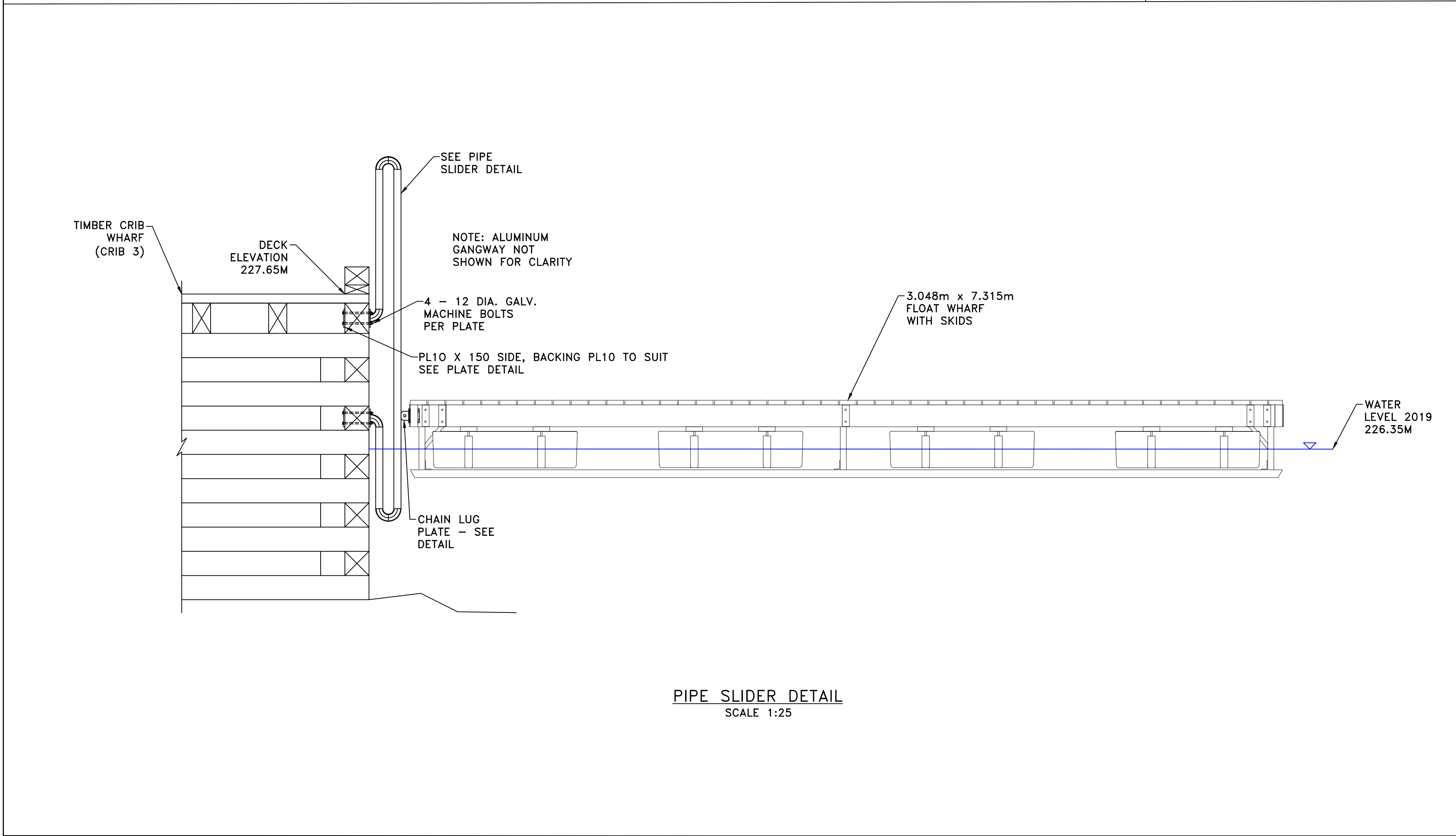
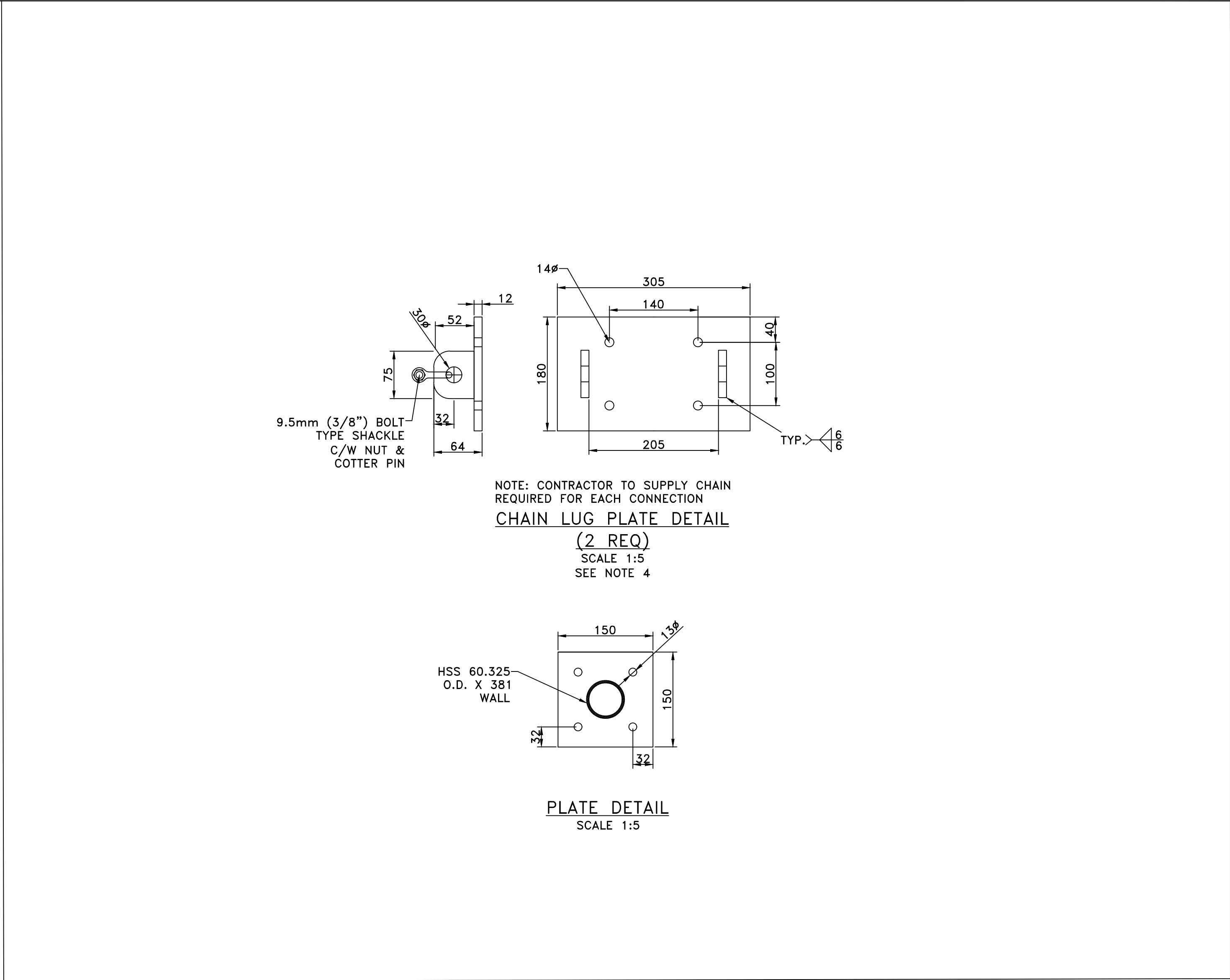
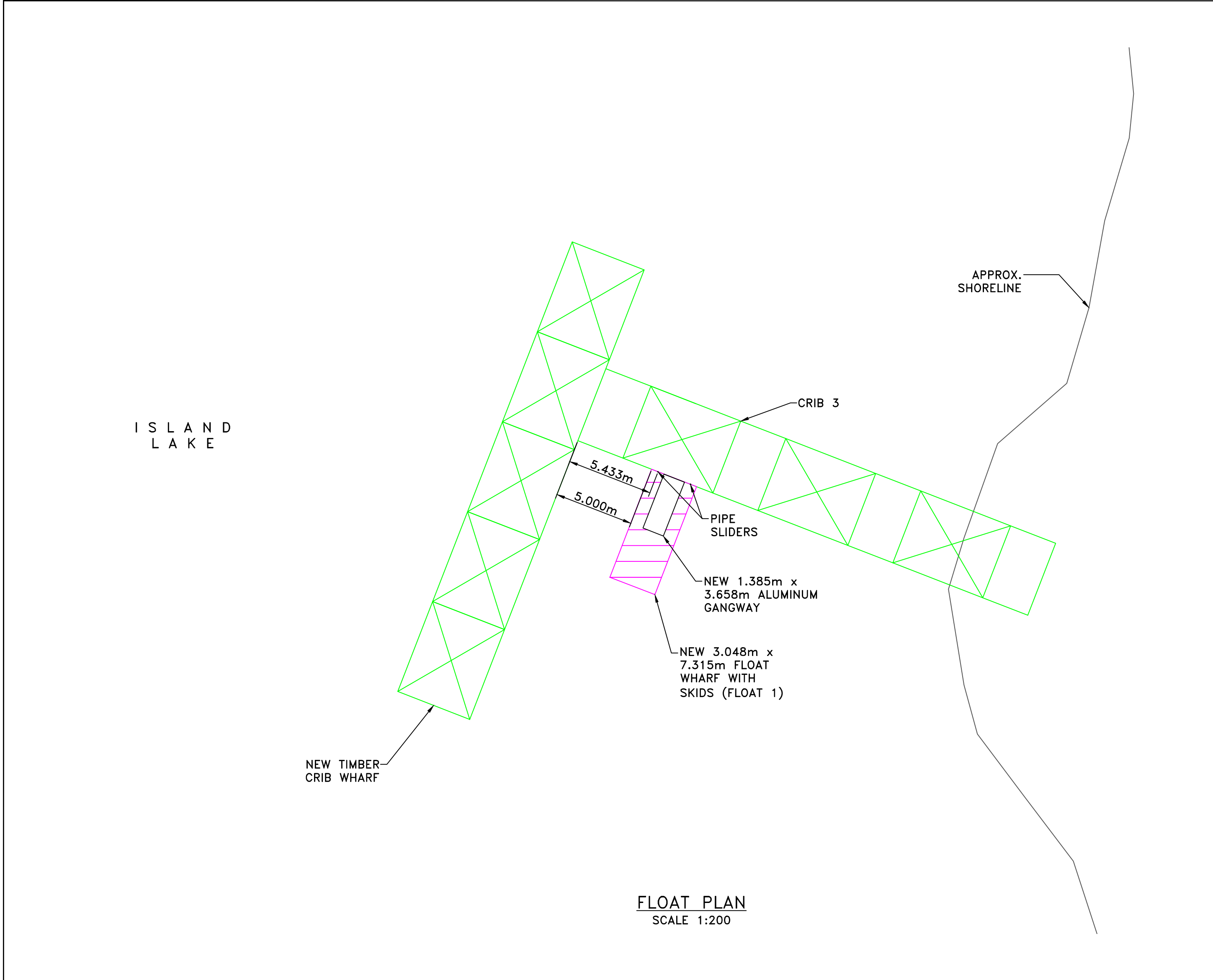
DRAWN:	APPROVED:
SCH	SCH
DATE:	DATE:
OCT 2019	OCT 2019


LOCATION:

STEVENSON ISLAND, MB


DRAWING NO.:	LOCATOR CODE:
C-3	5592







GOVERNMENT
OF CANADA




GOVERNEMENT
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. 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 GALV. 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 OCT 2019

SCALE:

CLASS:

AS NOTED

PROJECT:

WHARF CONSTRUCTION

DESCRIPTION:

FLOAT CONNECTION
DETAILS

DRAWN:

APPROVED:

SCH SCH

DATE:

DATE:

OCT 2019 OCT 2019

LOCATION:

STEVENSON ISLAND, MB

DRAWING NO.:

LOCATOR CODE:

C-4 5592

SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION



- NOTES:
1. DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
 2. CONTRACTOR TO SHOP PAINT ALL STEEL HARDWARE WITH 2 COATS OF RED RUST INHIBITOR PAINT

REVISIONS:	DATE:
0 ISSUED FOR TENDER	OCT 2019

SCALE:	CLASS:
--------	--------

PROJECT:

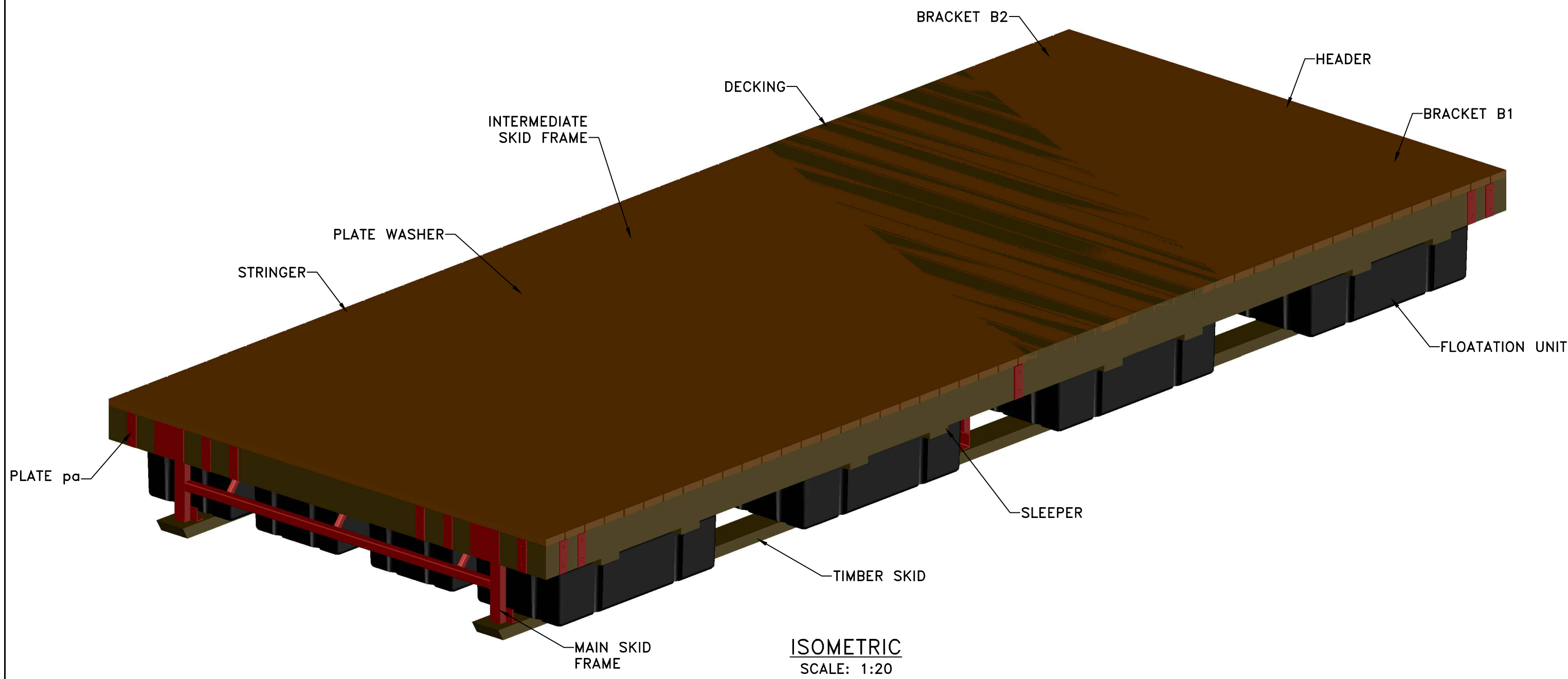
WHARF CONSTRUCTION

DESCRIPTION:
3.048m x 7.315m
FLOAT WHARF
WITH SKIDS

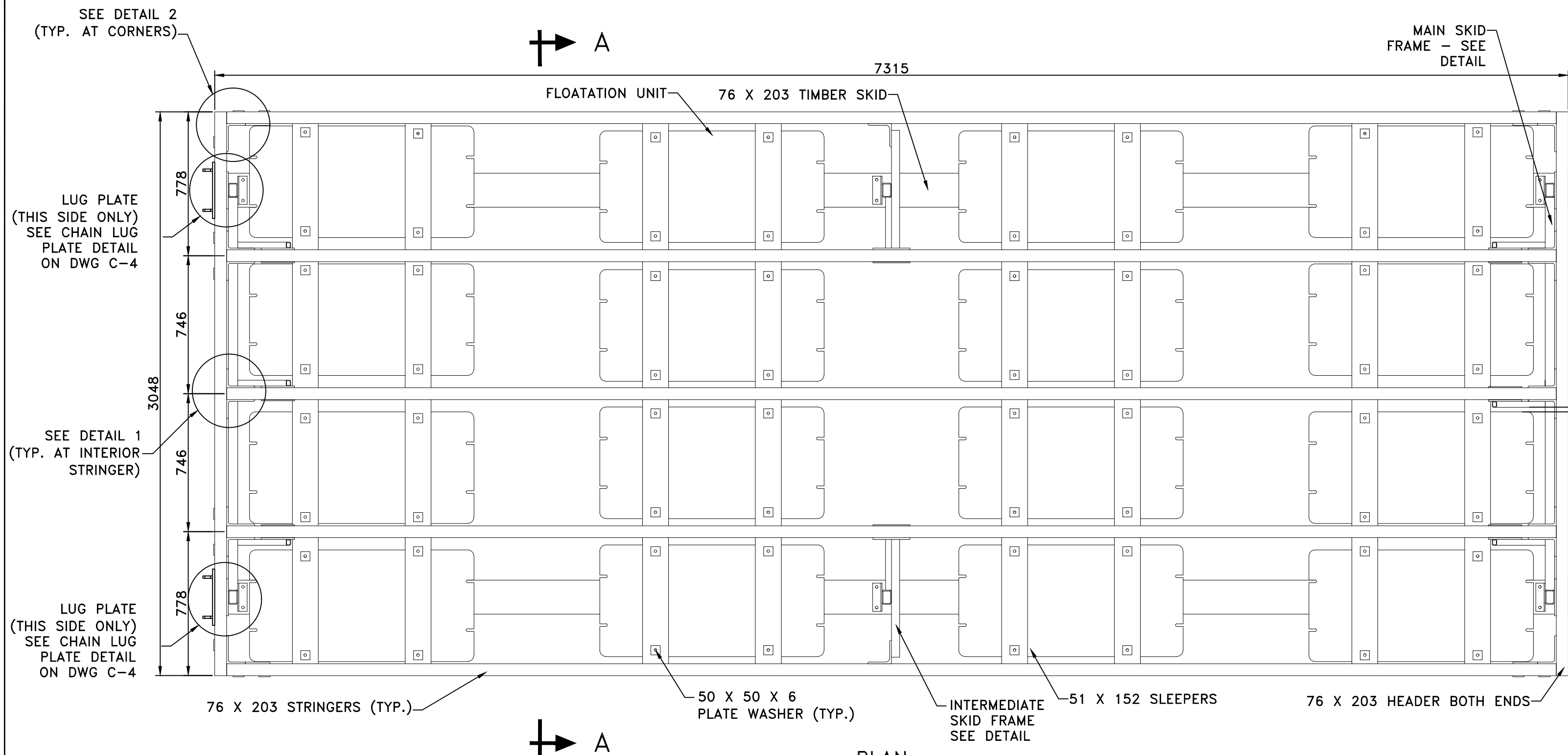
DRAWN: SCH	APPROVED: SCH
DATE: OCT 2019	DATE: OCT 2019

LOCATION:
STEVENSON ISLAND, MB

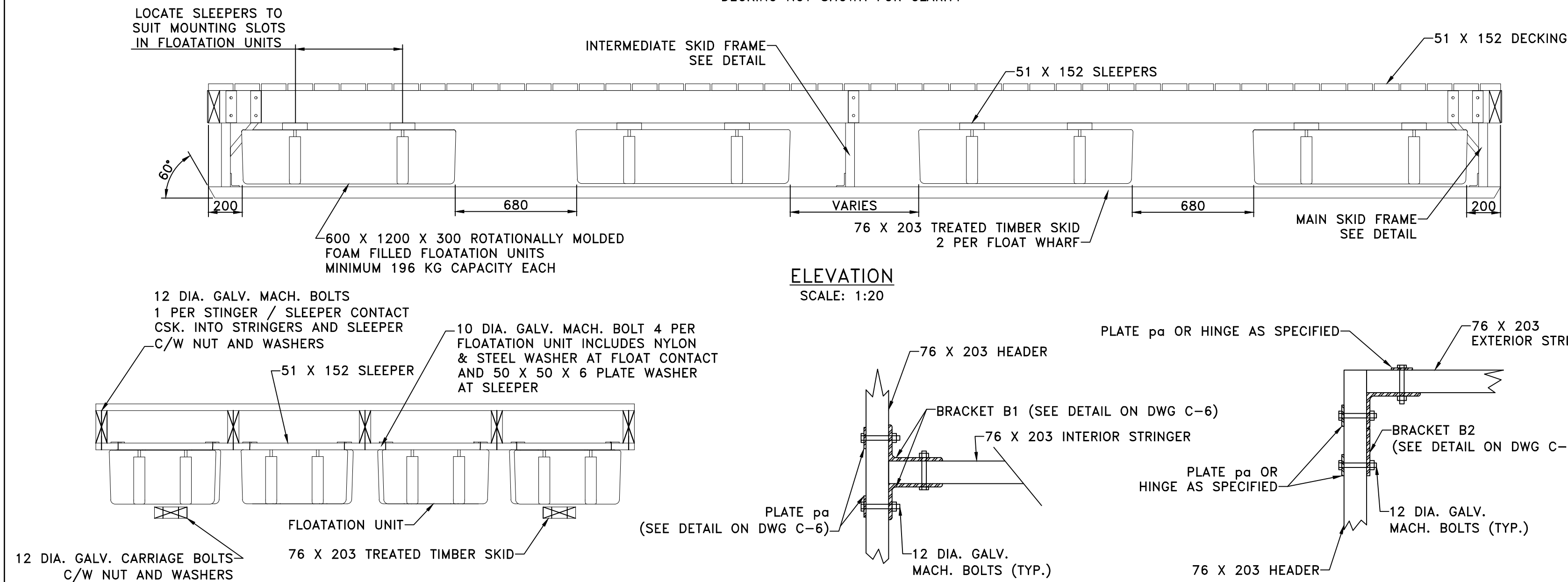
DRAWING NO.: C-5	LOCATOR CODE: 5592
---------------------	-----------------------



ISOMETRIC
SCALE: 1:20



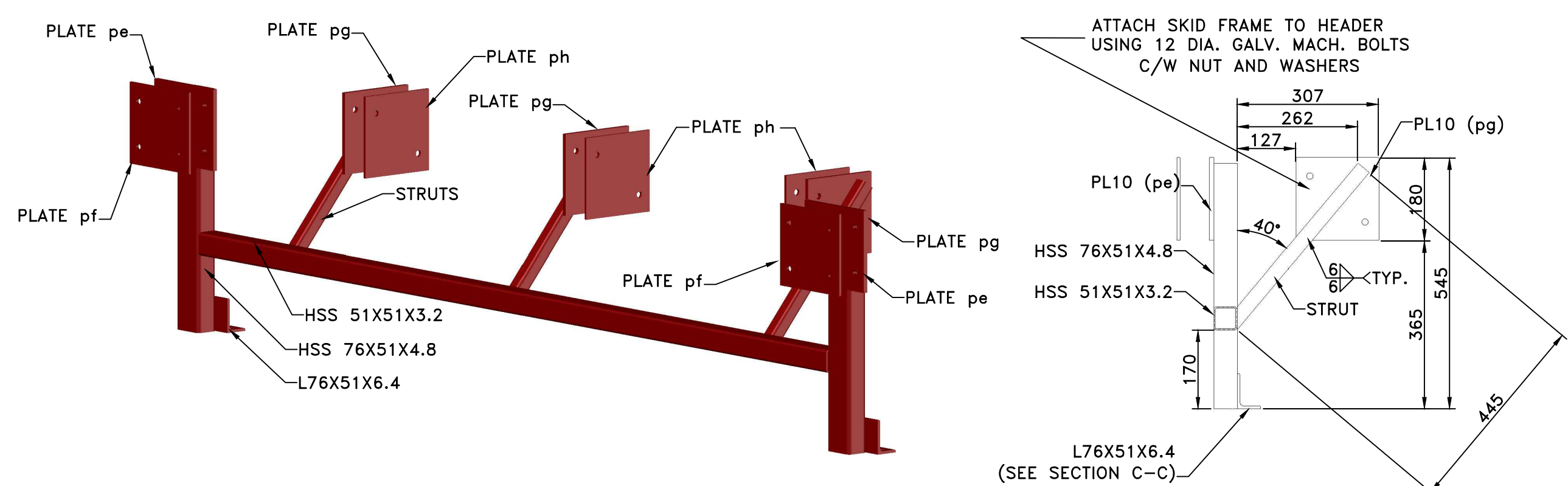
PLAN
SCALE: 1:20
DECKING NOT SHOWN FOR CLARITY



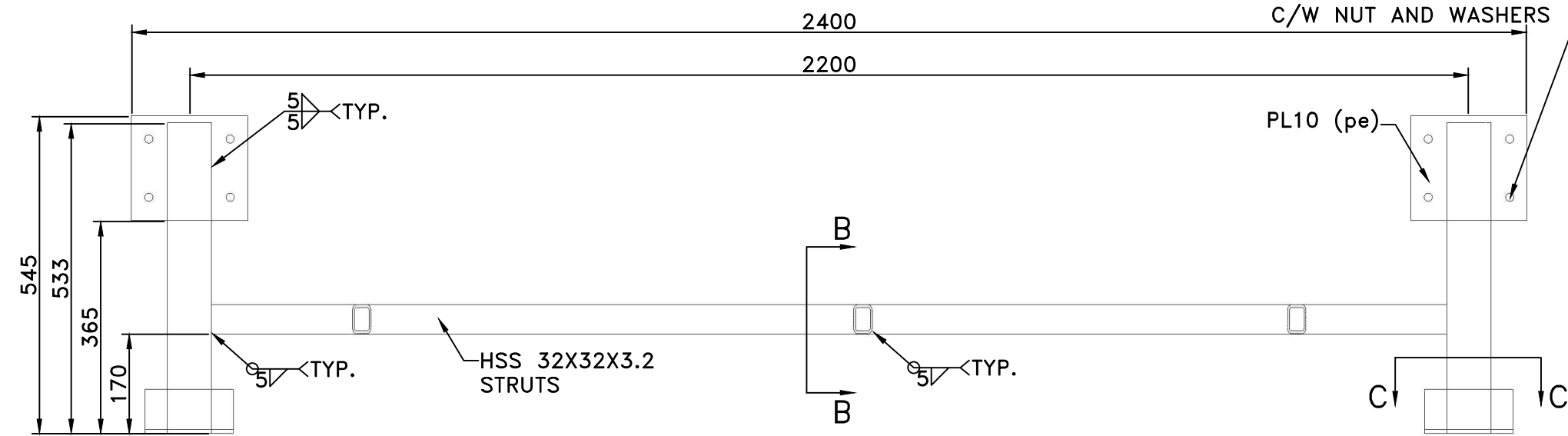
ELEVATION
SCALE: 1:20

DETAIL 1
SCALE: 1:10

DETAIL 2
SCALE: 1:10

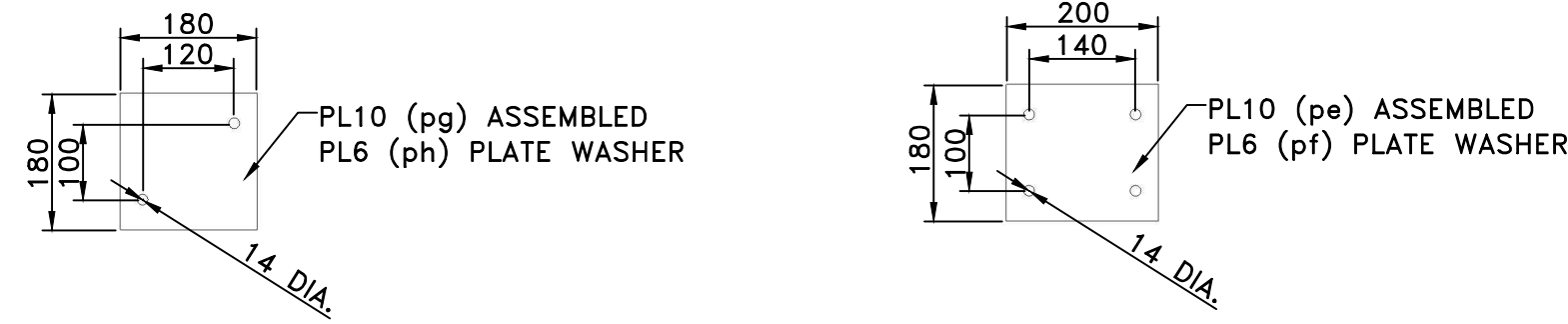


ISOMETRIC - ASSEMBLY

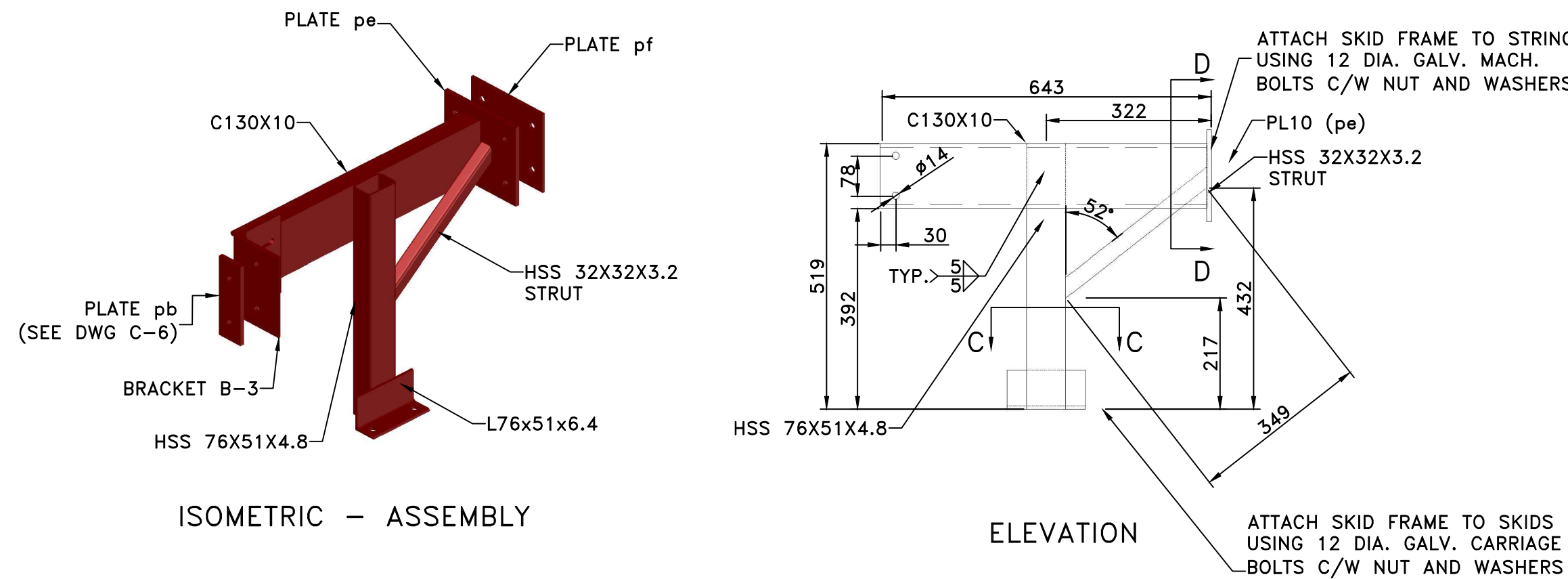


ELEVATION

MAIN SKID FRAME
SCALE: 1:10



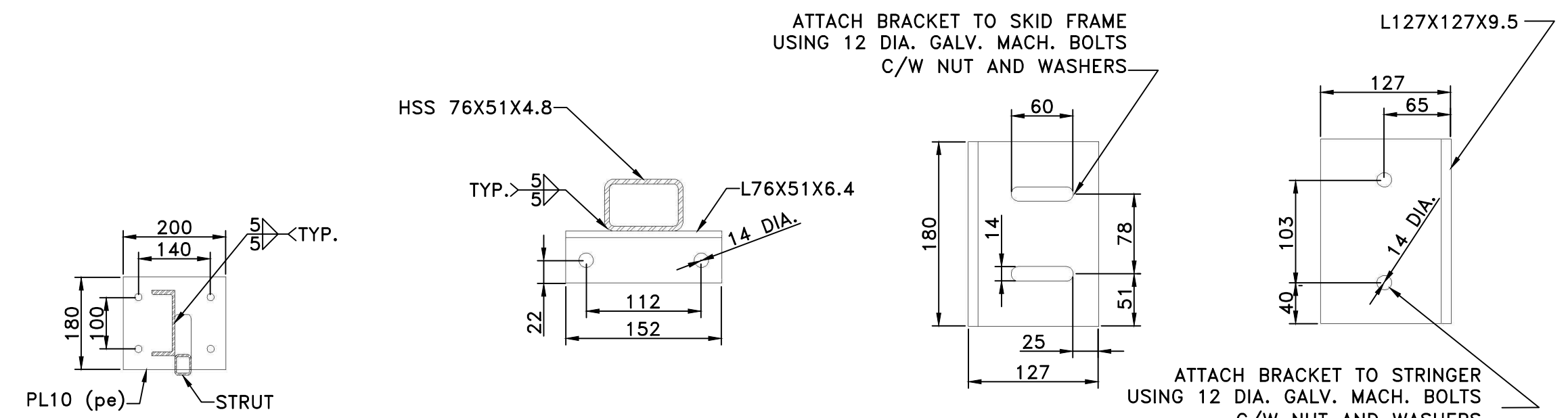
pe, pf, pg, ph
SCALE: 1:10



ISOMETRIC - ASSEMBLY

ELEVATION

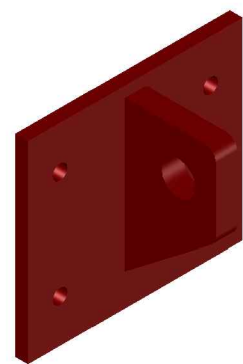
INTERMEDIATE SKID FRAME
SCALE: 1:10



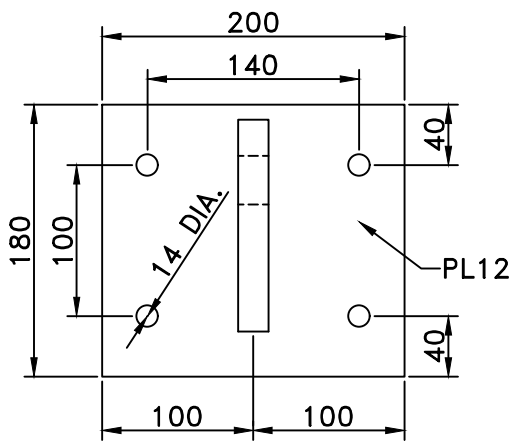
SECTION D-D
SCALE: 1:10

SECTION C-C
SCALE: 1:5

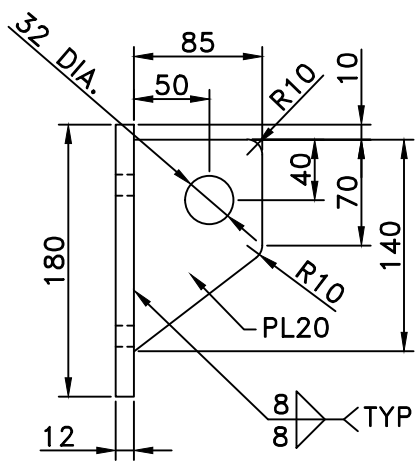
BRACKET B-3
SCALE: 1:5



ISOMETRIC

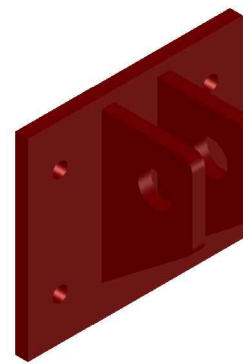


ELEVATION

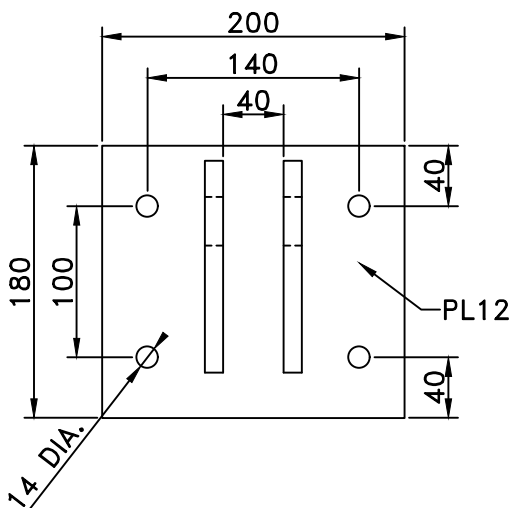


SECTION

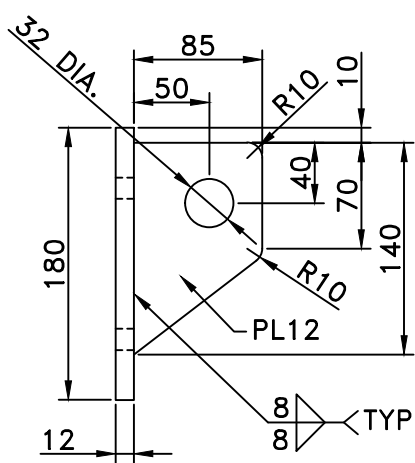
HINGE H1
SCALE: 1:5



ISOMETRIC



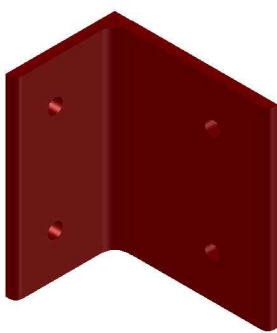
ELEVATION



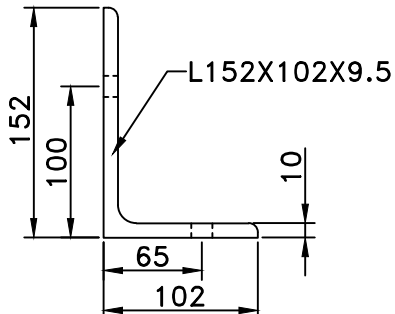
SECTION

HINGE H2
SCALE: 1:5

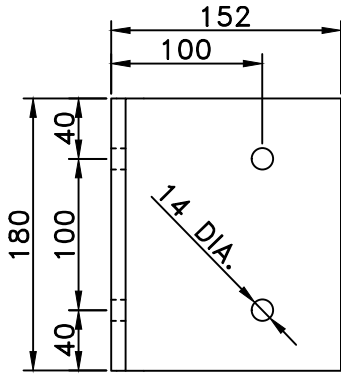
NOTE:
HINGE H2 C/W 30 DIA. MACH. BOLT, NUT H.D.
COTTER PIN AND 2 - 10 THK. PLASTIC BUSHINGS



ISOMETRIC

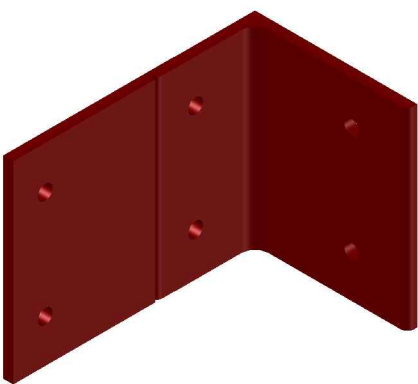


PLAN

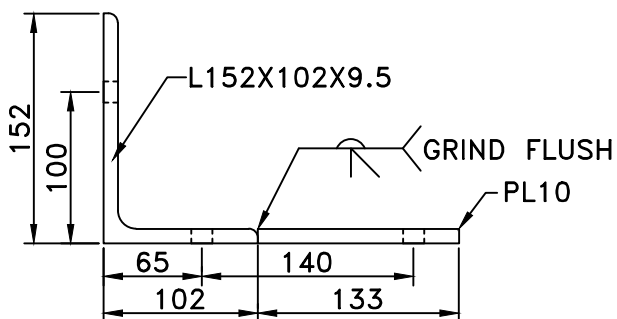


ELEVATION

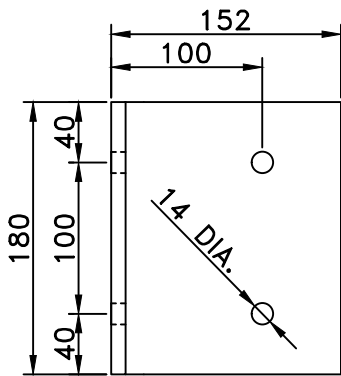
BRACKET B1
SCALE: 1:5



ISOMETRIC



PLAN



ELEVATION

BRACKET B2
SCALE: 1:5

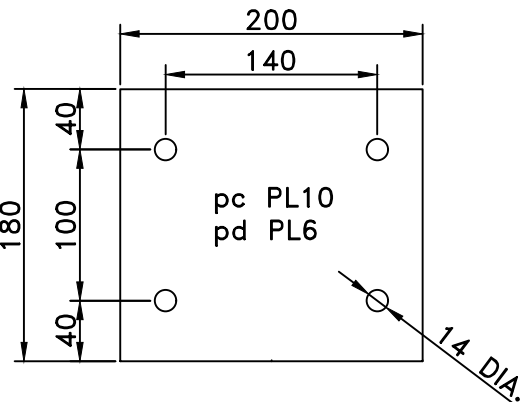
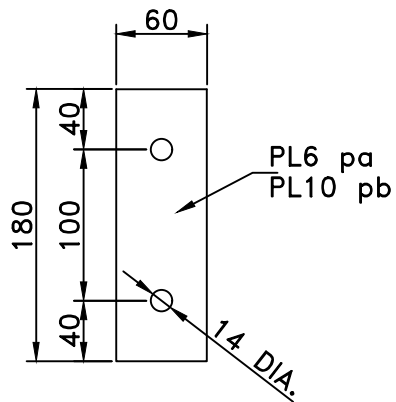
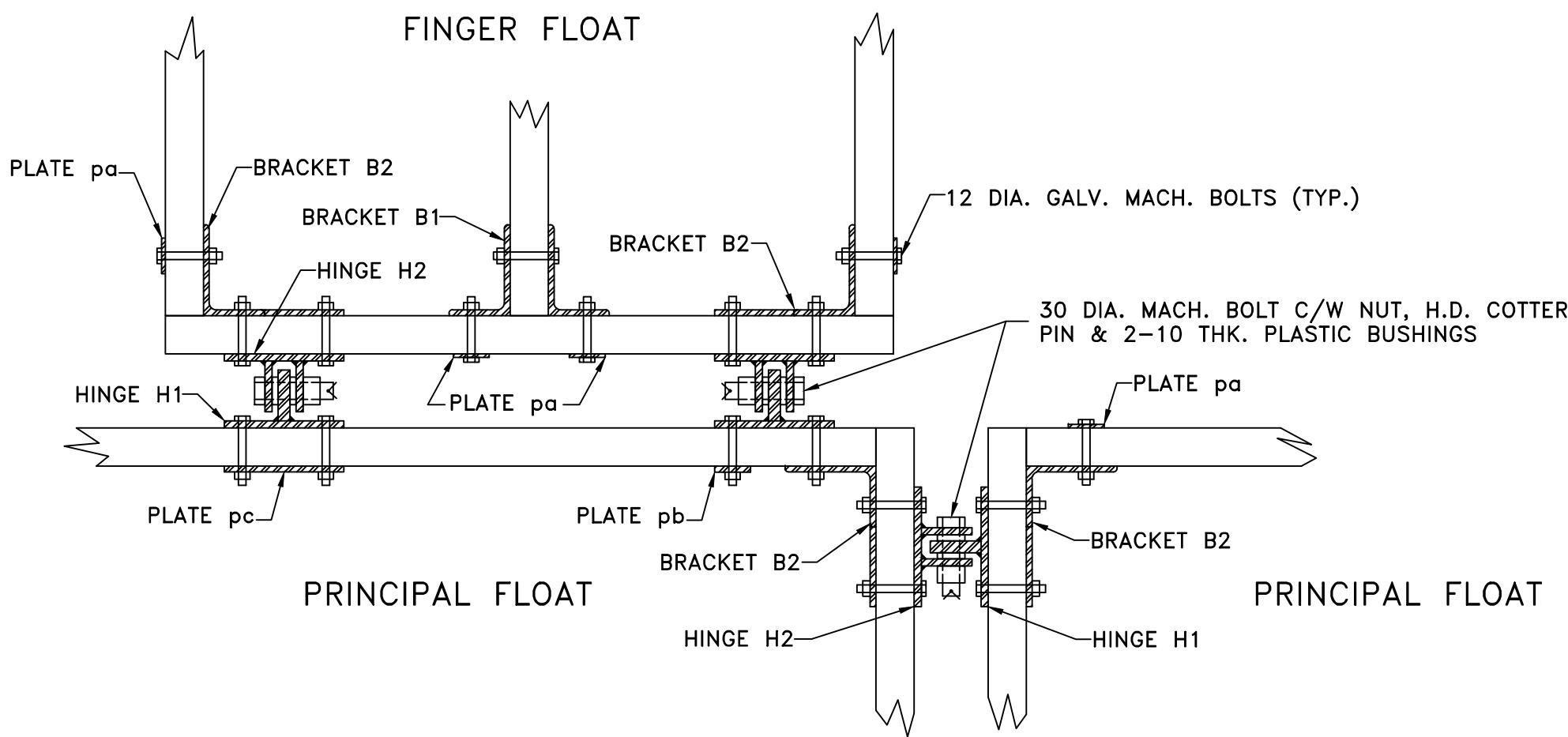


PLATE WASHERS
SCALE: 1:5



FLOAT CONNECTION DETAIL
SCALE: 1:10

SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION



- NOTES:
- DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED
 - CONTRACTOR TO SHOP PAINT ALL STEEL HARDWARE WITH 2 COATS OF RED RUST INHIBITOR PAINT

REVISIONS:		DATE:
0	ISSUED FOR TENDER	OCT 2019

SCALE: AS SHOWN	CLASS:
--------------------	--------

PROJECT: WHARF CONSTRUCTION

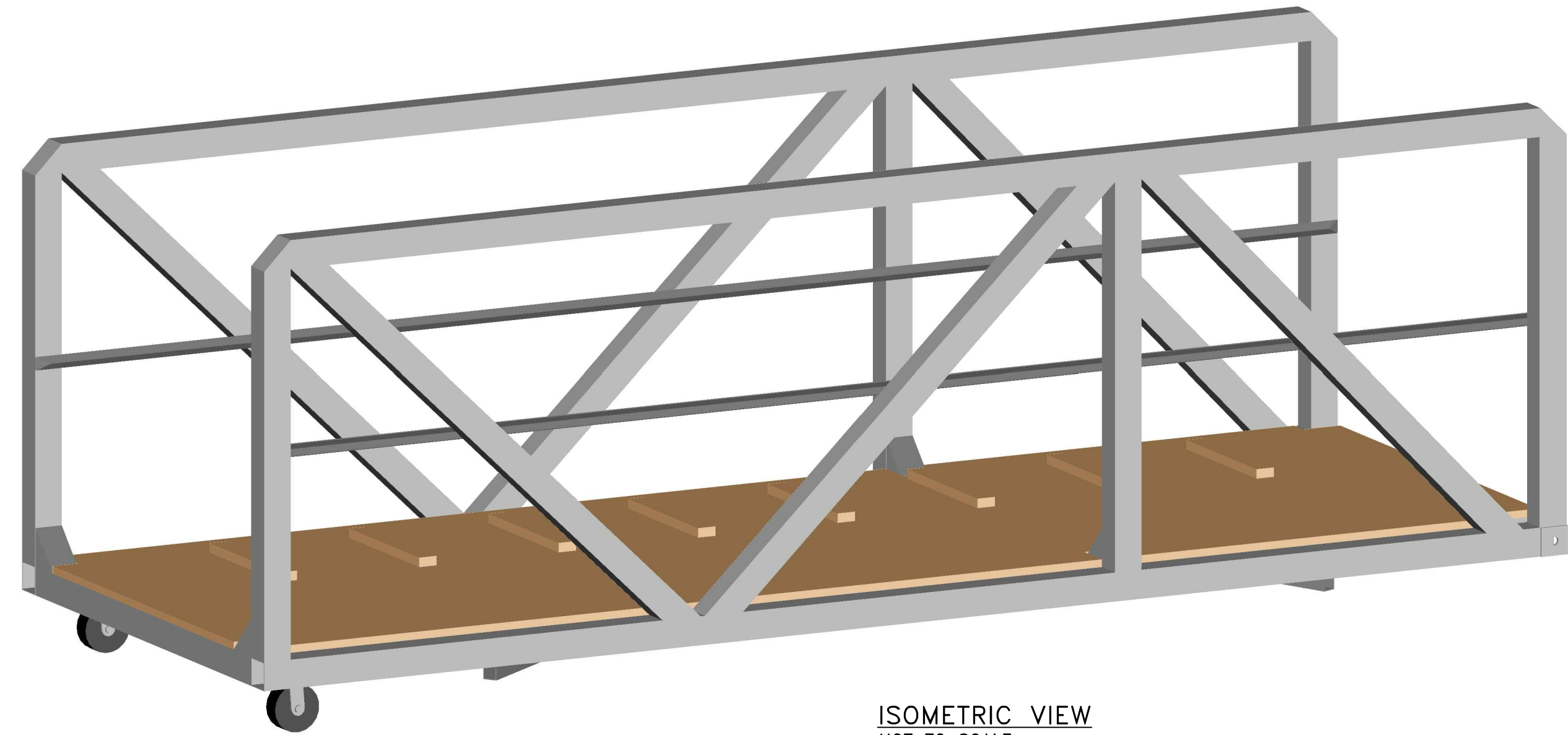
DESCRIPTION: CONNECTION DETAILS

DRAWN: SCH	APPROVED: SCH
---------------	------------------

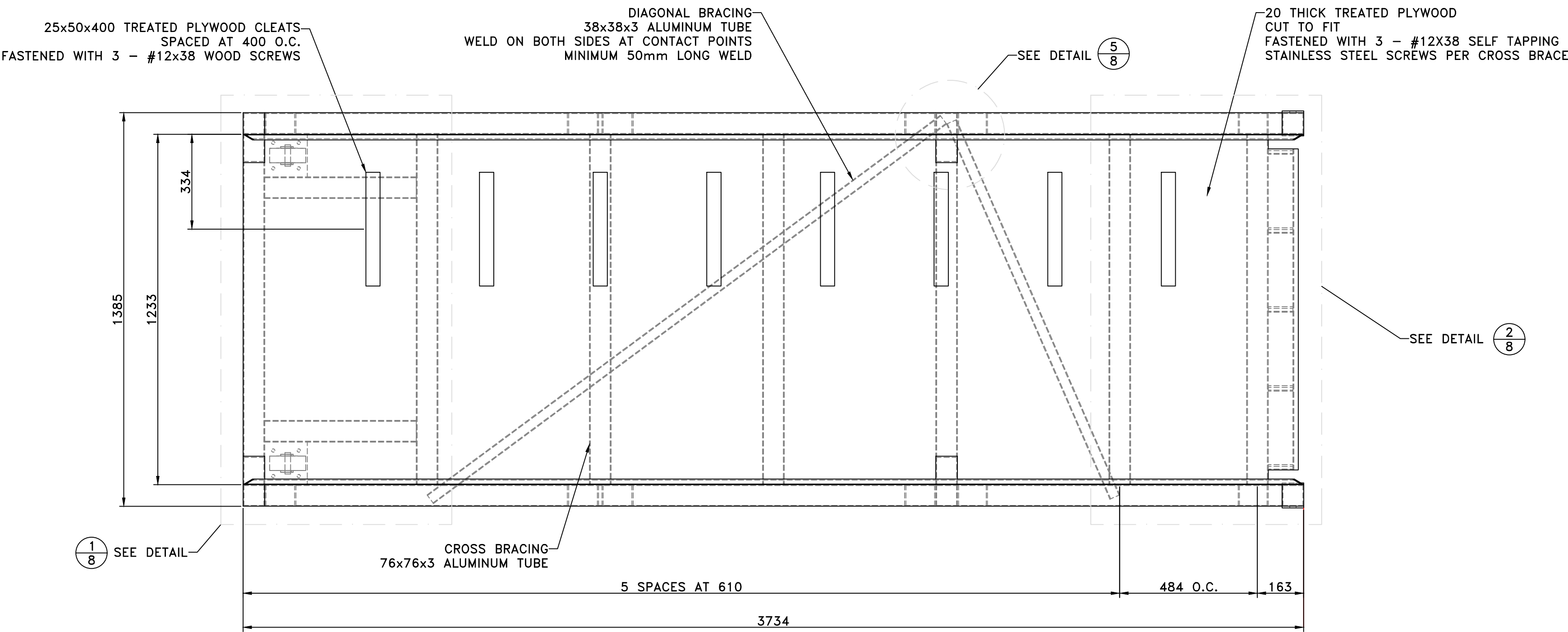
DATE: OCT 2019	DATE: OCT 2019
-------------------	-------------------

LOCATION: STEVENSON ISLAND, MB

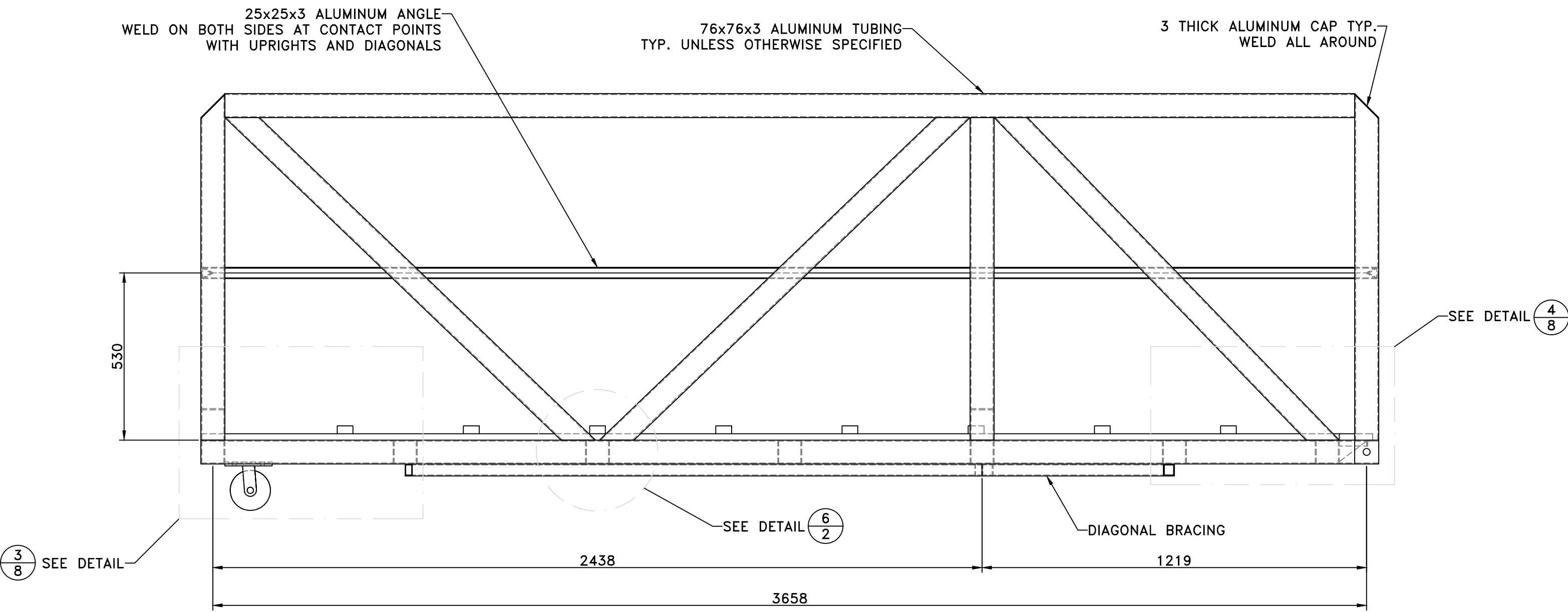
DRAWING NO.: C-6	LOCATOR CODE: 5592
---------------------	-----------------------



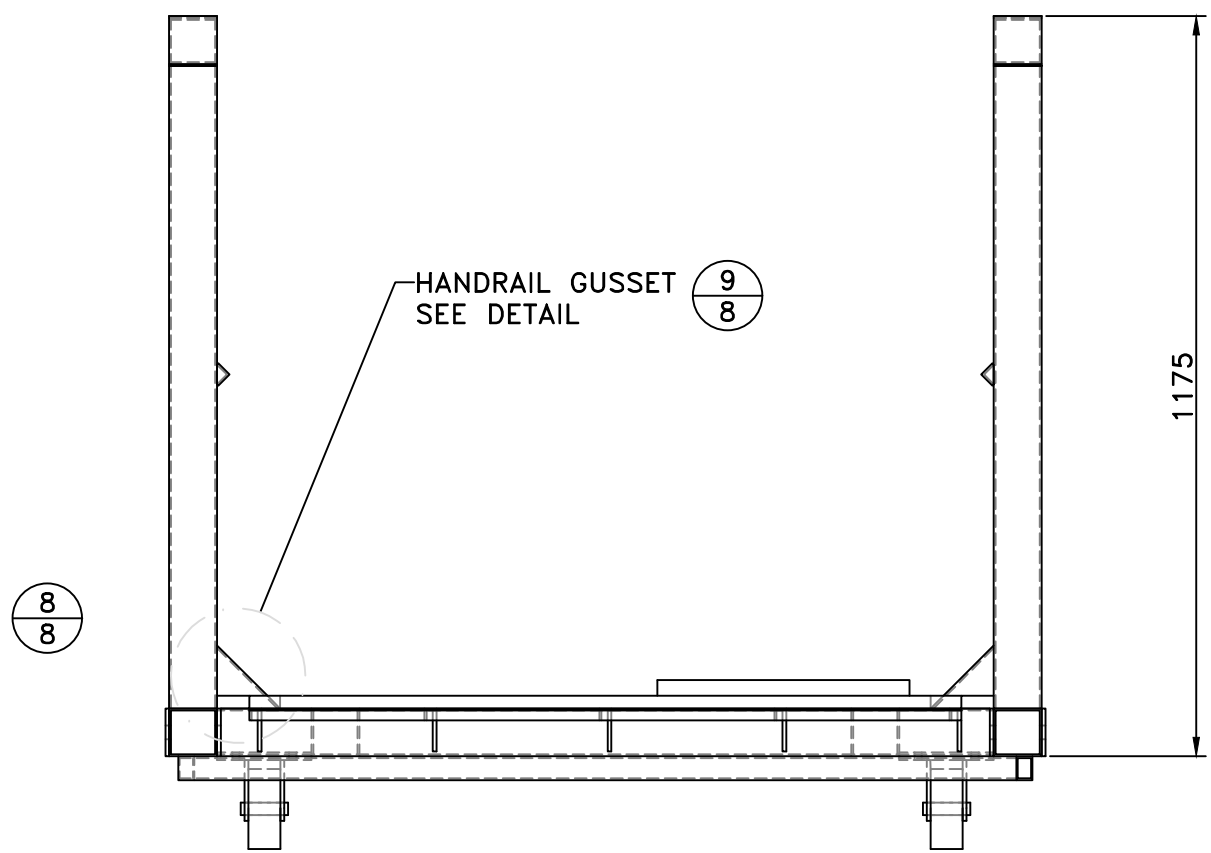
ISOMETRIC VIEW
NOT TO SCALE



PLAN
SCALE: 1:12



ELEVATION
SCALE: 1:12



ELEVATION
SCALE: 1:12
NOTE: BRACKET AND BACKING PLATE NOT SHOWN FOR CLARITY

SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION



- NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED
 2. ALL JOINTS TO BE WELDED ALL AROUND EXCEPT WERE NOTED
 3. ALL EXPOSED SURFACES AND WELDED JOINTS SHALL BE SMOOTH AND FREE OF SHARP OR JAGGED EDGES
 4. ALL ALUMINUM TUBING TO HAVE ROUNDED EDGES
 5. ALUMINUM TUBING AND ANGLE TO BE ALLOY 6051-T6
 6. ALUMINUM PLATE TO BE ALLOY 6061-T651
 7. TUBING TO BE WELDED TOGETHER ON BOTH SIDES

REVISIONS:		DATE:
0	ISSUED FOR TENDER	OCT 2019

SCALE: AS SHOWN	CLASS:
--------------------	--------

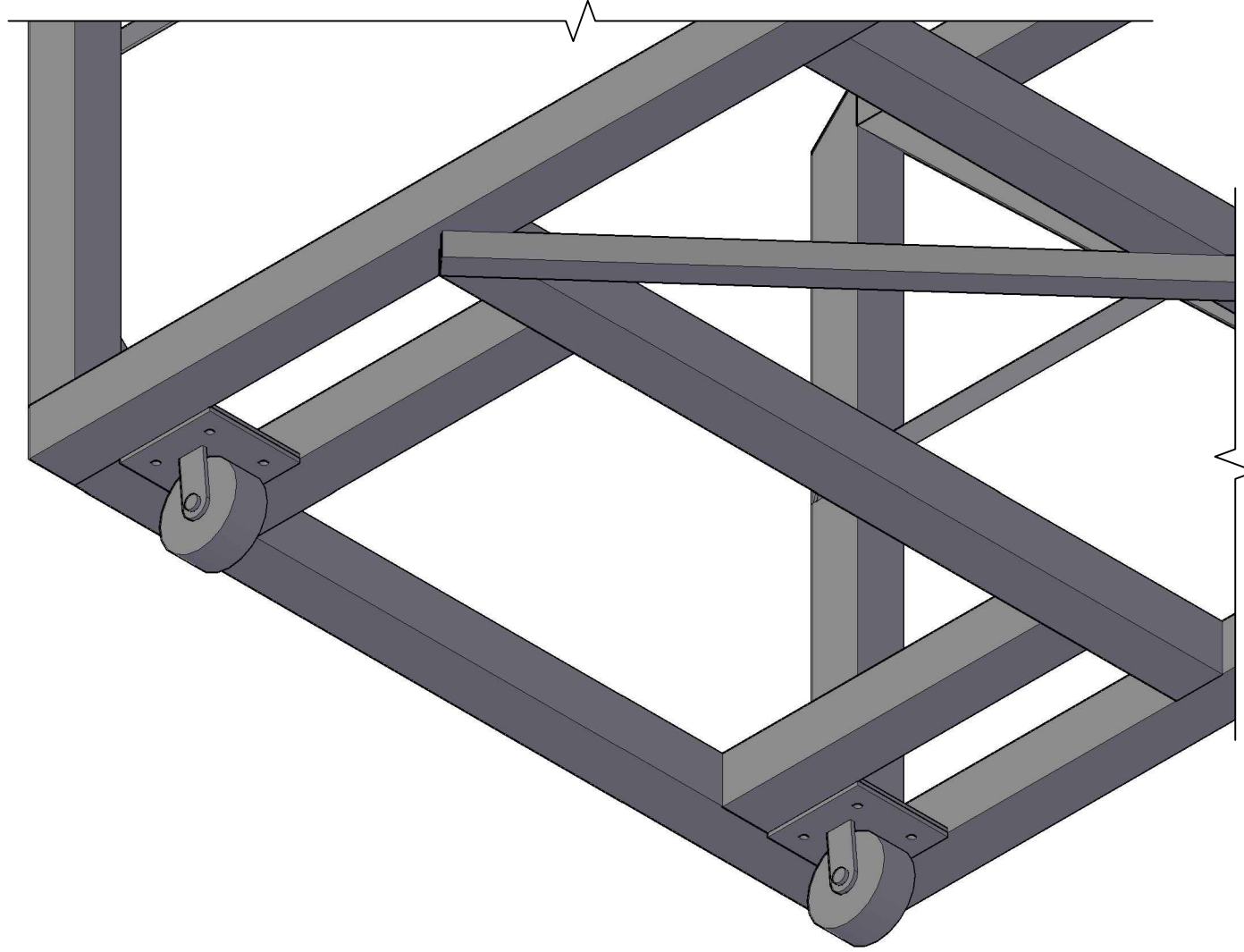
PROJECT: WHARF CONSTRUCTION

DESCRIPTION: 1.385M x 3.658M ALUMINUM GANGWAY

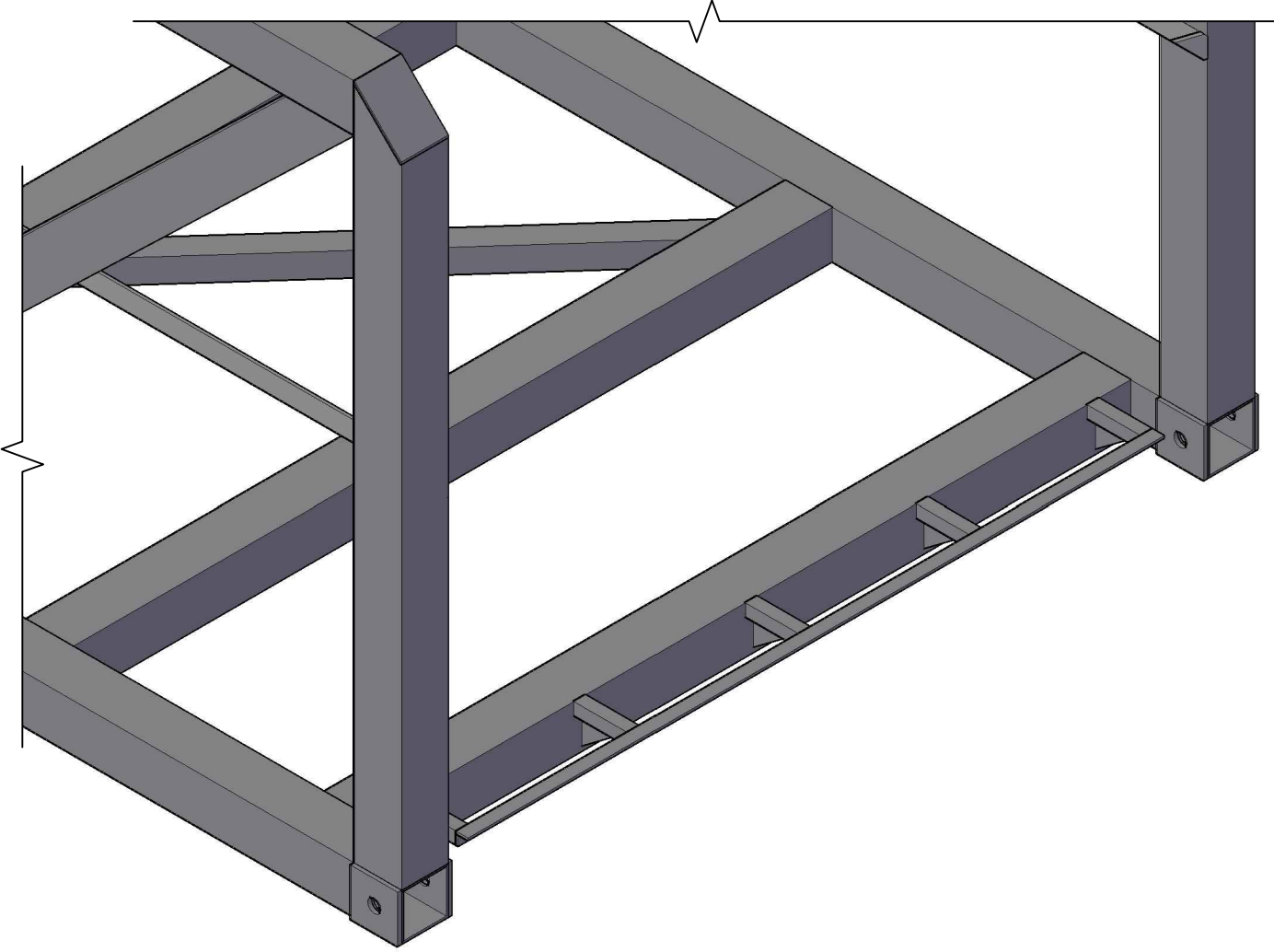
DRAWN: SCH	APPROVED: SCH
DATE: OCT 2019	DATE: OCT 2019

LOCATION: STEVENSON ISLAND, MB

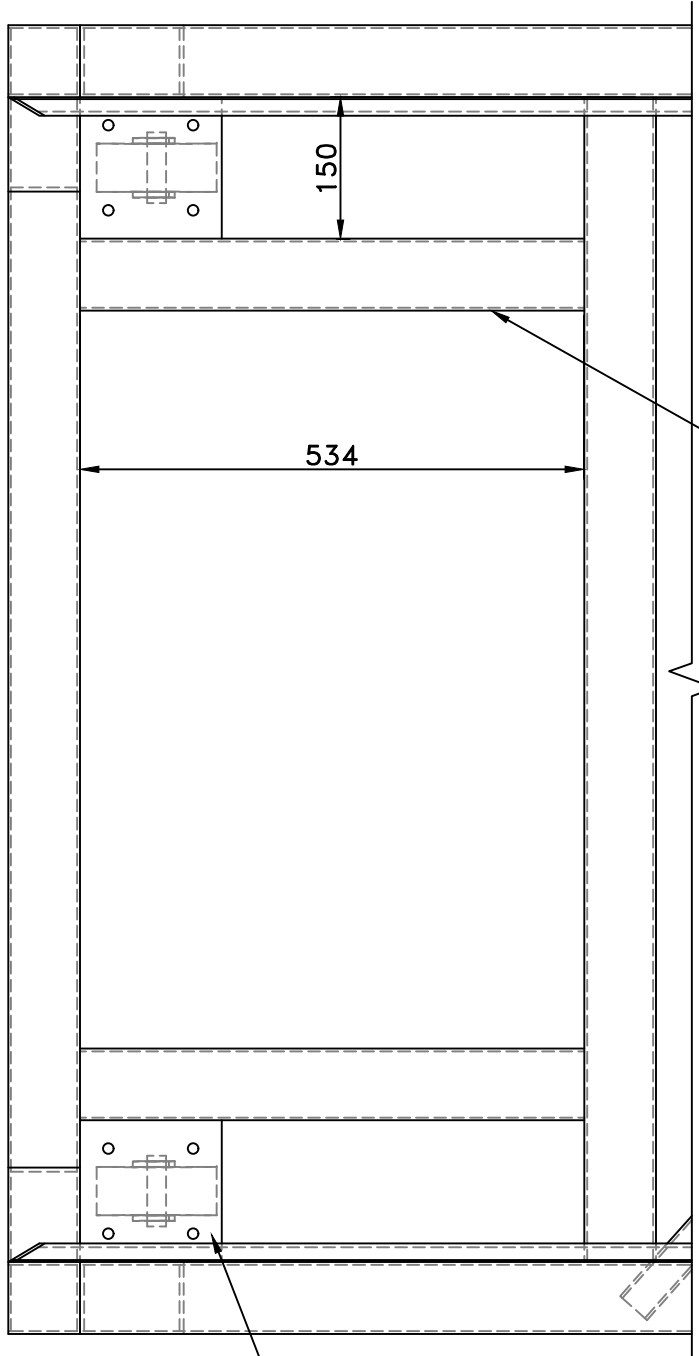
DRAWING NO.: C-7	LOCATOR CODE: 5592
---------------------	-----------------------



CASTER END DETAIL (ISOMETRIC)
NOT TO SCALE
NOTE: PLYWOOD NOT SHOWN FOR CLARITY



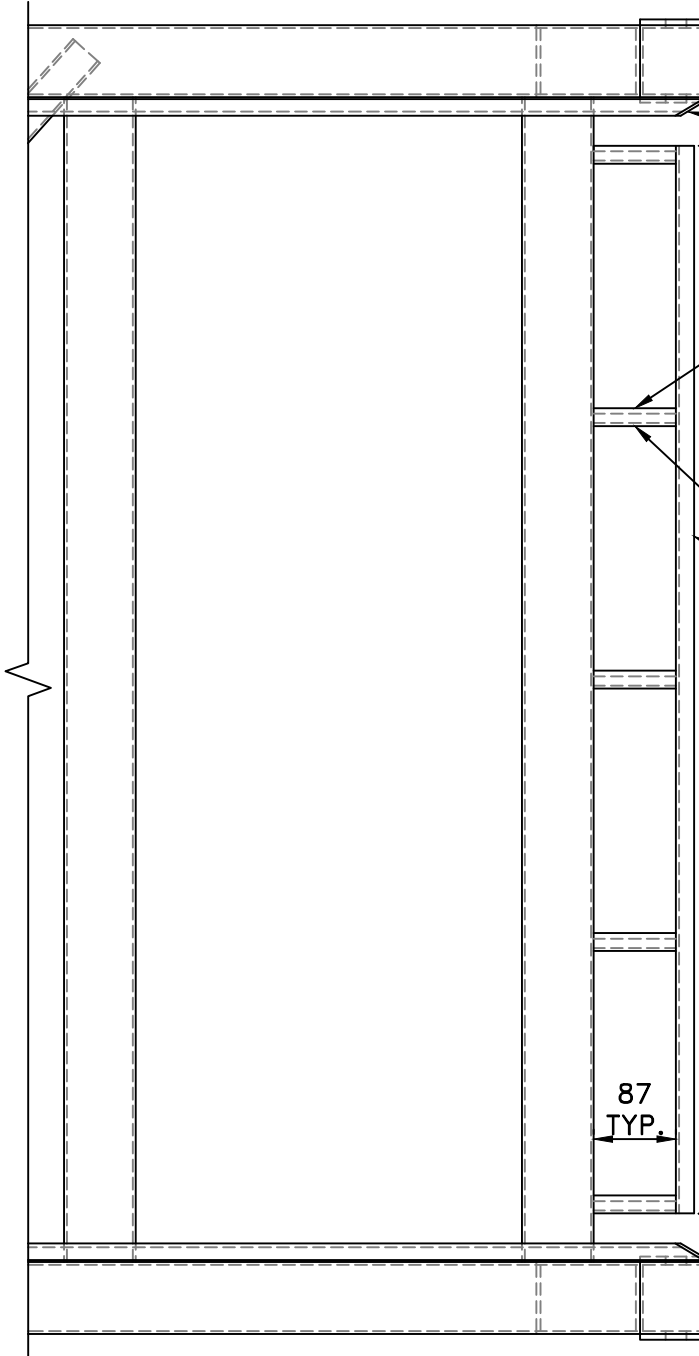
BRACKET END DETAIL (ISOMETRIC)
NOT TO SCALE
NOTE: PLYWOOD NOT SHOWN FOR CLARITY



76x76x3 ALUMINUM TUBE
WELDED ON BOTH ENDS

CASTER SUPPORT PLATE

1
7
DETAIL (PLAN)
SCALE: 1:8
NOTE: PLYWOOD NOT SHOWN FOR CLARITY



ANGLE SHARP EDGES TO BE REMOVED
3 THICK ALUMINUM PLATE TO BE WELDED AT END
TYP.

GUSSET PLATE TO BE WELDED
AT EACH JOINT

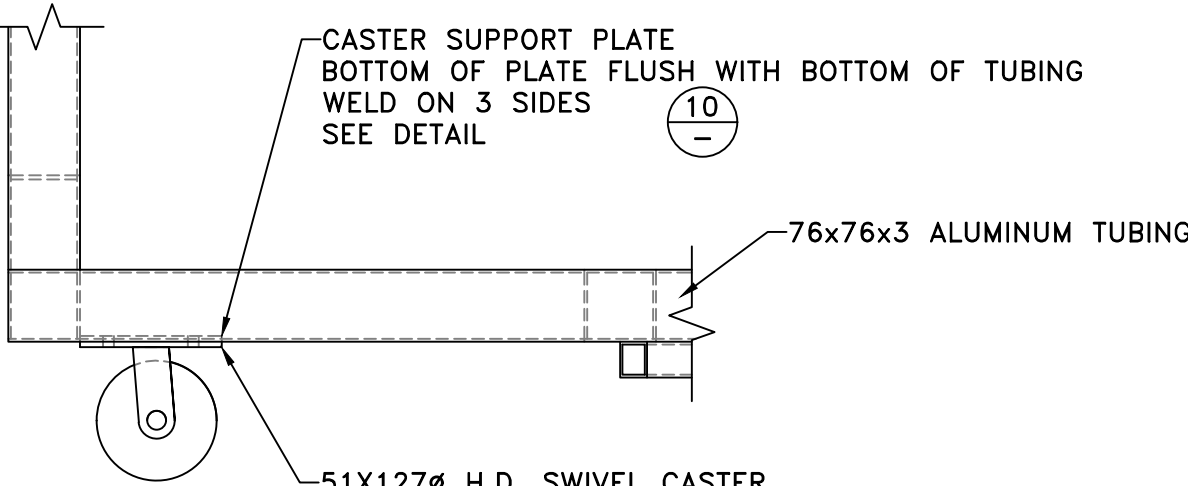
19x19x3 ALUMINUM ANGLE
WELD ALL AROUND JOINTS

87
TYP.

52

4 SPACES AT 278

2
7
DETAIL (PLAN)
SCALE: 1:8
NOTE: PLYWOOD NOT SHOWN FOR CLARITY

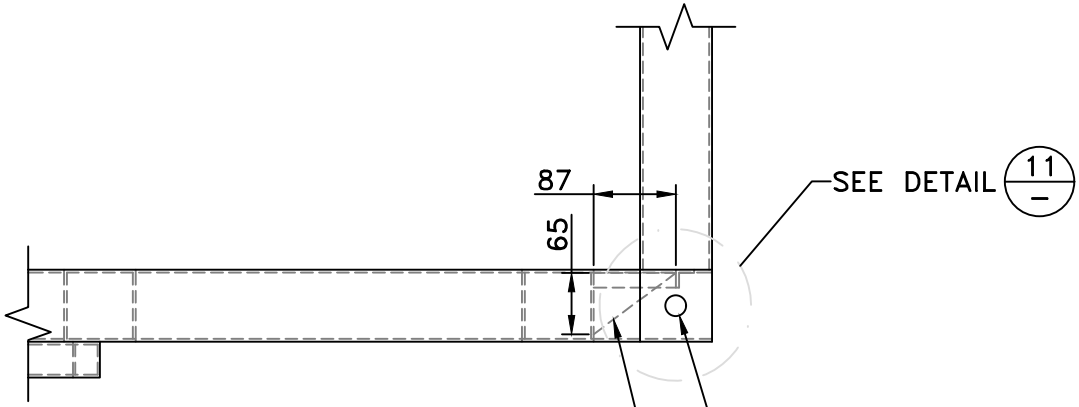


CASTER SUPPORT PLATE
BOTTOM OF PLATE FLUSH WITH BOTTOM OF TUBING
WELD ON 3 SIDES
SEE DETAIL

76x76x3 ALUMINUM TUBING

51X127# H.D. SWIVEL CASTER
2 REQ. PER GANGWAY
ATTACH TO CASTER SUPPORT PLATE USING
4 GALVANIZED MACHINE BOLTS WITH 8 NYLON WASHERS

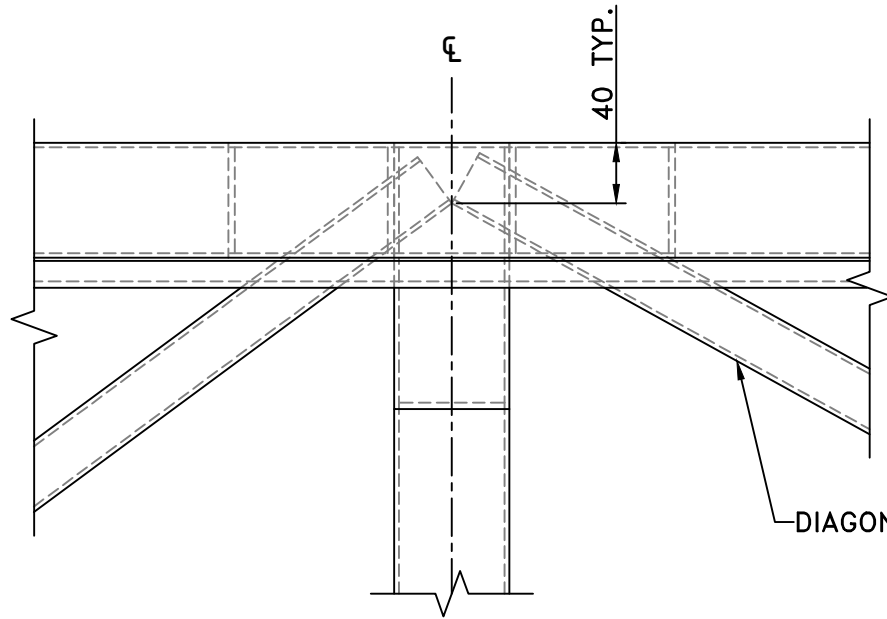
3
7
DETAIL (ELEVATION)
SCALE: 1:8
NOTE: PLYWOOD NOT SHOWN FOR CLARITY



65x87x6 ALUMINUM GUSSET PLATE

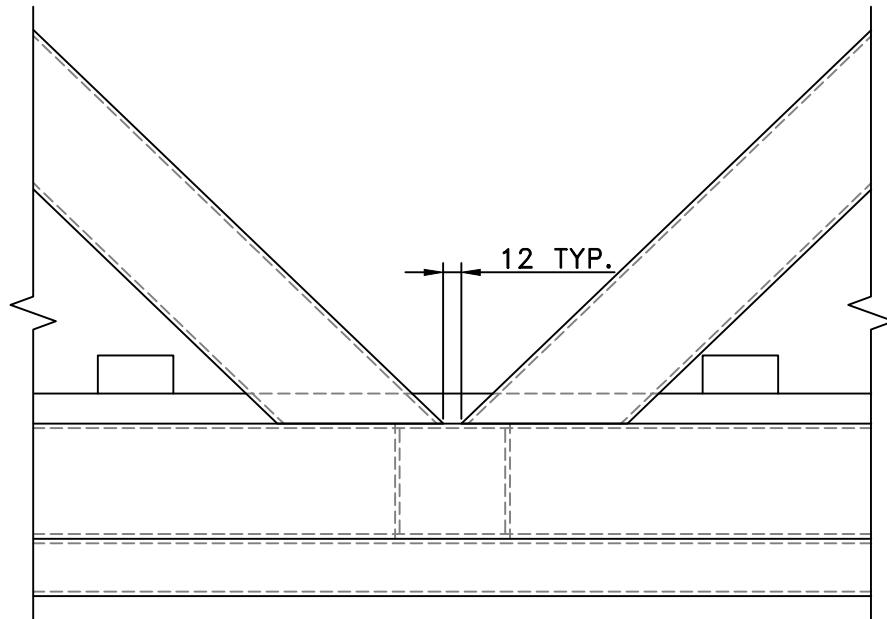
22# TYP.
REINFORCEMENT PLATE TO BE WELDED ALL
AROUND ON BOTH SIDES OF TUBING

4
7
DETAIL (ELEVATION)
SCALE: 1:8
NOTE: PLYWOOD NOT SHOWN FOR CLARITY

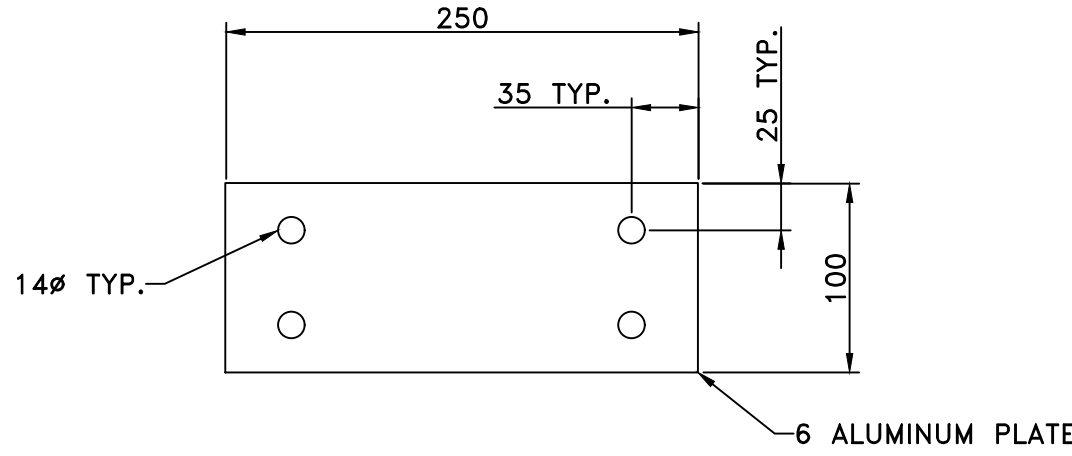


DIAGONAL BRACING

5
7
CROSS BRACING DETAIL (PLAN)
SCALE: 1:5
NOTE: PLYWOOD NOT SHOWN FOR CLARITY

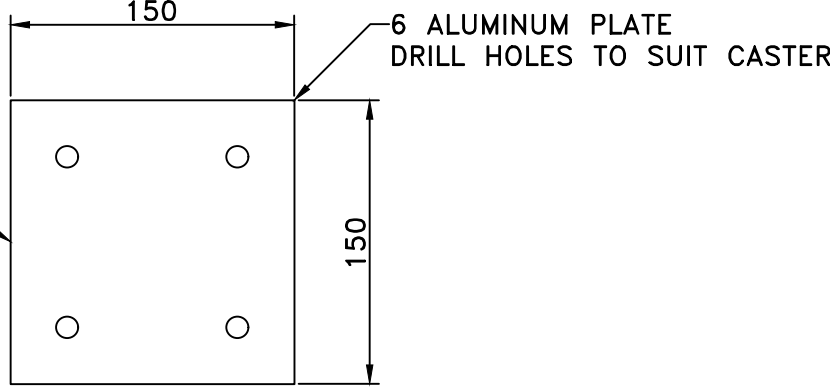


6
7
HANDRAIL DETAIL (ELEVATION)
SCALE: 1:5

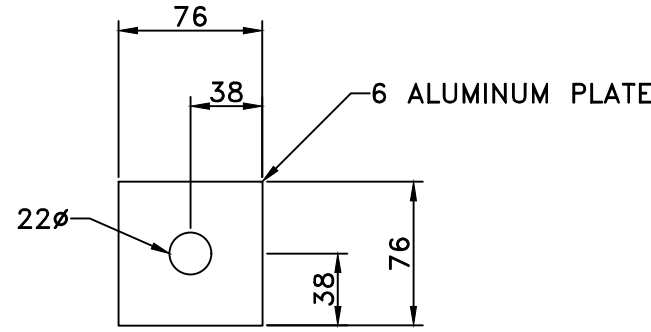


8
7
BACKING PLATE DETAIL
SCALE: 1:4

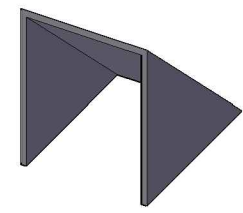
WELD CASTER ON 3 SIDES
TO 76x76x3 ALUMINUM TUBING



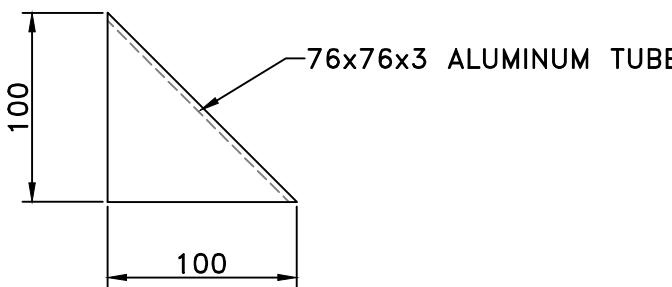
10
7
CASTER SUPPORT PLATE DETAIL
SCALE: 1:4



11
7
REINFORCEMENT PLATE DETAIL
SCALE: 1:4



HANDRAIL GUSSET DETAIL (ISOMETRIC)
NOT TO SCALE



9
7
HANDRAIL GUSSET DETAIL (ELEVATION)
SCALE: 1:4

SMALL CRAFT HARBOURS
CENTRAL AND ARCTIC REGION



- NOTES:
1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED
 2. ALL JOINTS TO BE WELDED ALL AROUND EXCEPT WERE NOTED
 3. ALL EXPOSED SURFACES AND WELDED JOINTS SHALL BE SMOOTH AND FREE OF SHARP OR JAGGED EDGES
 4. ALL ALUMINUM TUBING TO HAVE ROUNDED EDGES
 5. ALUMINUM TUBING AND ANGLE TO BE ALLOY 6051-T6
 6. ALUMINUM PLATE TO BE ALLOY 6061-T651
 7. TUBING TO BE WELDED TOGETHER ON BOTH SIDES

REVISIONS:		DATE:
0	ISSUED FOR TENDER	OCT 2019

SCALE: AS SHOWN	CLASS:
--------------------	--------

PROJECT:

WHARF CONSTRUCTION

DESCRIPTION:

ALUMINUM RAMP
CONSTRUCTION DETAILS

DRAWN: SCH	APPROVED: SCH
---------------	------------------

DATE: OCT 2019	DATE: OCT 2019
-------------------	-------------------

LOCATION:

STEVENSON ISLAND, MB

DRAWING NO.: C-8	LOCATOR CODE: 5592
---------------------	-----------------------