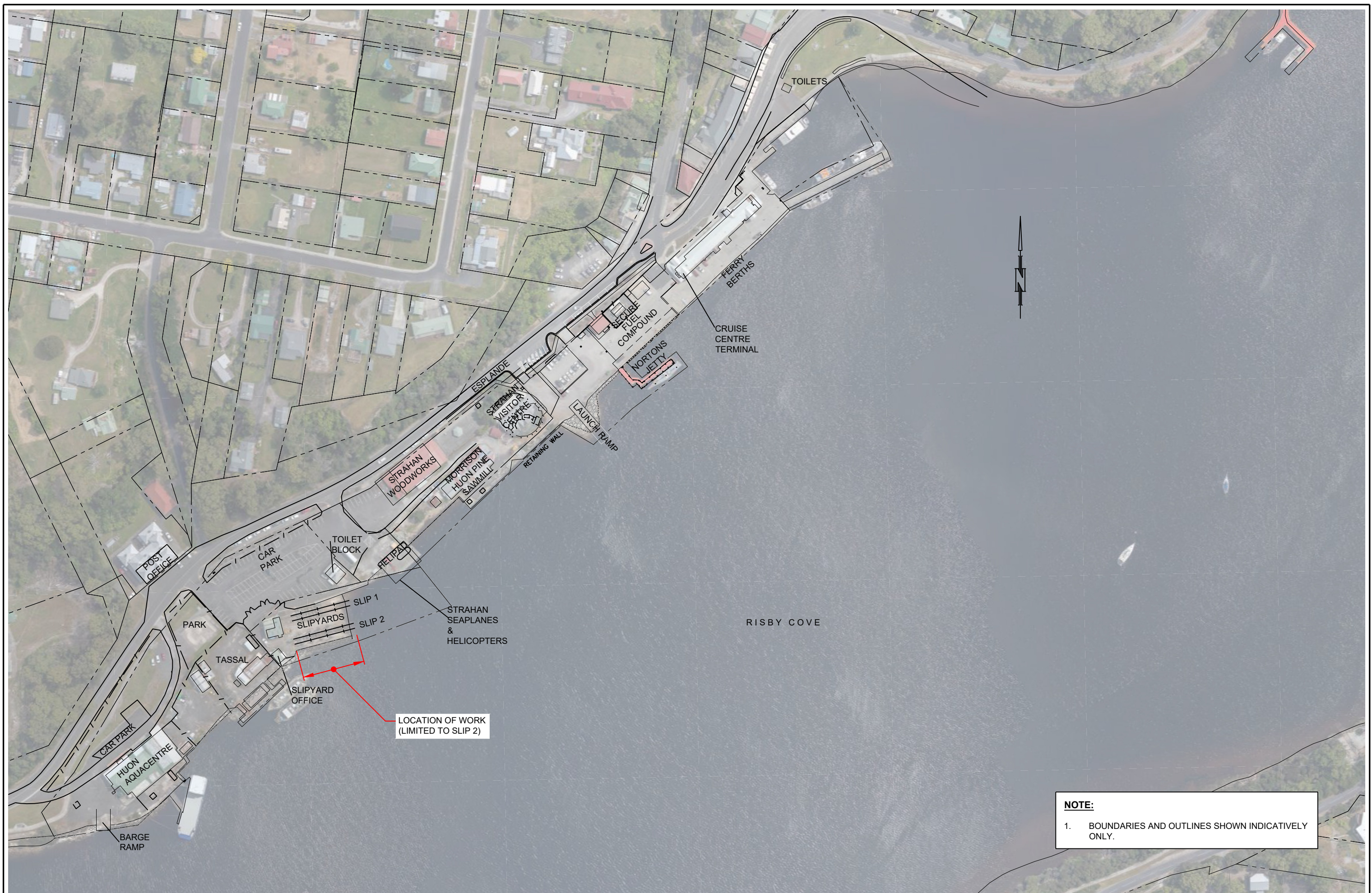


# WEST COAST COUNCIL STRAHAN SLIPWAY MODIFICATIONS STRAHAN

DRAWING NUMBER	DRAWING DESCRIPTION	ISSUE P1	ISSUE T1	ISSUE -
9702-000	COVER PAGE & DRAWING SCHEDULE	22-12-23	03-06-24	
9702-001	LOCATION; PLAN	22-12-23	03-06-24	
9702-002	EXISTING SITE; PLAN	22-12-23	03-06-24	
9702-003	CRADLE; EXISTING ASSEMBLY; PLAN AND ELEVATION	22-12-23	03-06-24	
9702-004	CRADLE; EXISTING ASSEMBLY; ENLARGED PLAN AND ELEVATION	22-12-23	03-06-24	
9702-005	CRADLE; PROPOSED ASSEMBLY; PLAN AND ELEVATION	22-12-23	03-06-24	
9702-006	SLIPWAY POSITION; HARBOURMASTER II	22-12-23	03-06-24	
9702-007	SLIPWAY POSITION; SPIRIT OF THE WILD	22-12-23	03-06-24	
9702-008	CRADLE 1; PROPOSED; PLAN AND ELEVATION	22-12-23	03-06-24	
9702-009	CRADLE 2-4; PROPOSED; PLAN AND ELEVATION	22-12-23	03-06-24	
9702-010	DETAILS; SHEET 1	22-12-23	03-06-24	
9702-011	DETAILS; SHEET 2	22-12-23	03-06-24	
9702-012	DETAILS; SHEET 3	22-12-23	03-06-24	
9702-013	CRADLE; SECTION AT VERTICAL ARM	22-12-23	03-06-24	
9702-014	CRADLE; SECTION	22-12-23	03-06-24	



**NOTE:**  
 1. BOUNDARIES AND OUTLINES SHOWN INDICATIVELY ONLY.

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P1	22-12-23	ISSUED FOR REVIEW AND PRICING	L.N.T.	L.R.B.
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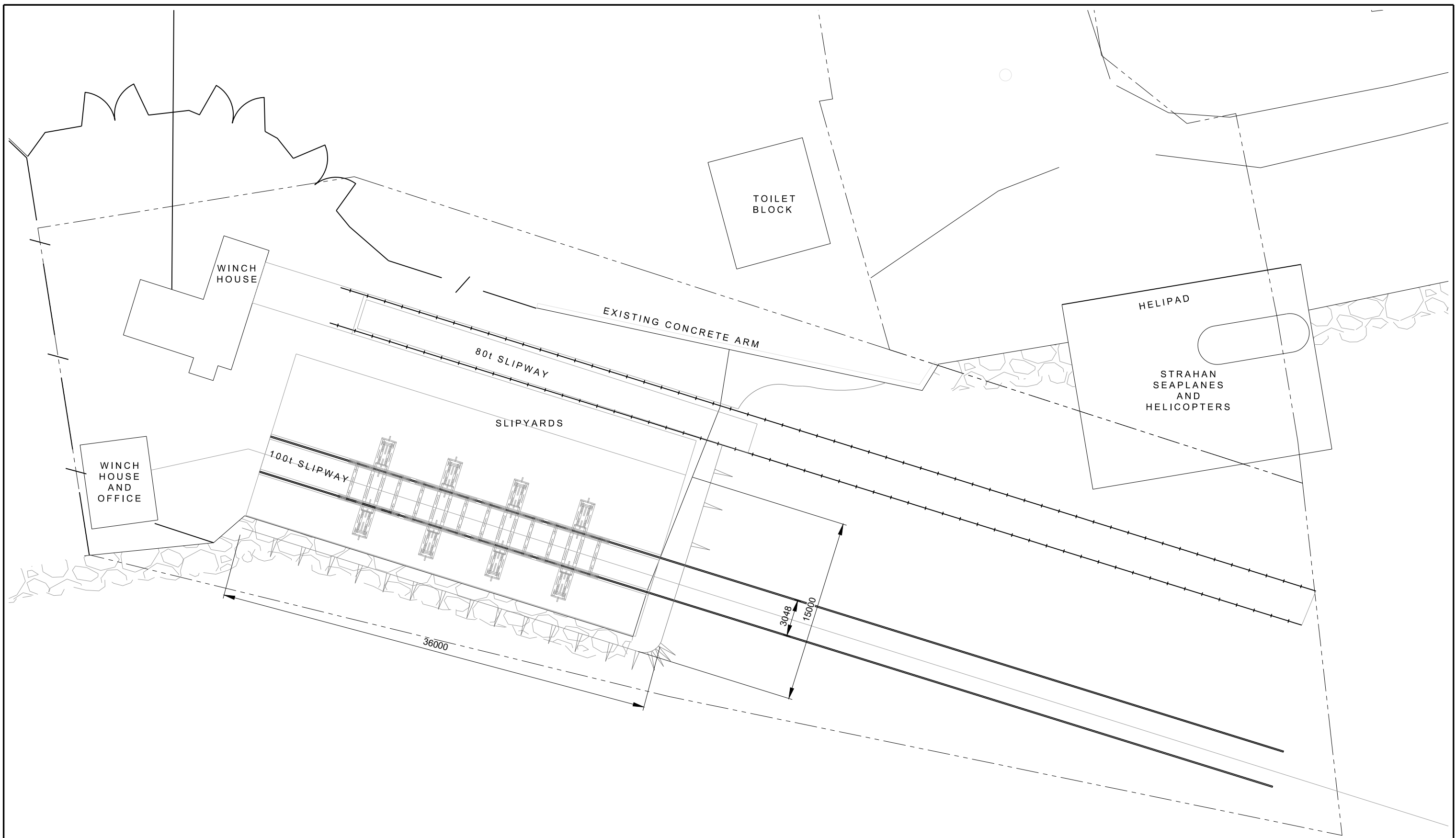
**WEST COAST COUNCIL**  
**STRAHAN SLIPWAY**  
**MODIFICATIONS**

A3 SCALE 1:2000 Datum:

**LOCATION PLAN**

NOT FOR CONSTRUCTION

Drawing: **9702-001**  
 Issue: T1



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**A3 SCALE 1:300**

Datum: -



**WEST COAST COUNCIL  
 STRAHAN SLIPWAY  
 MODIFICATIONS**

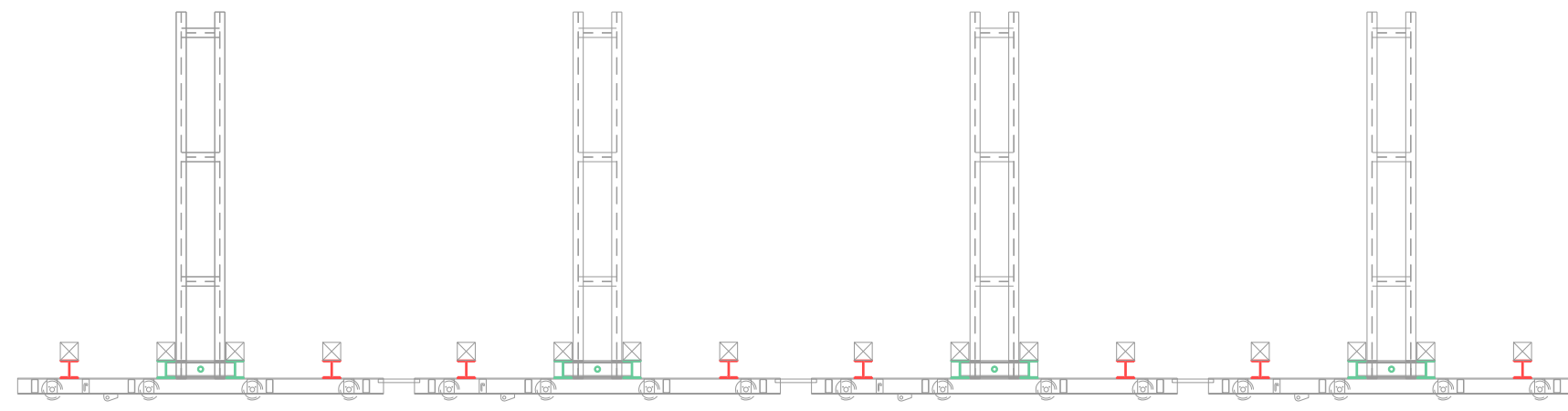
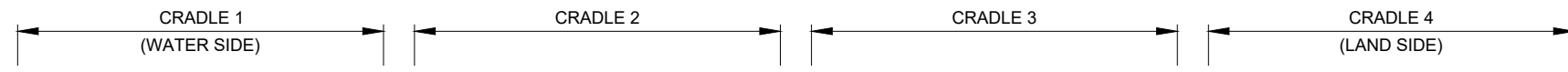
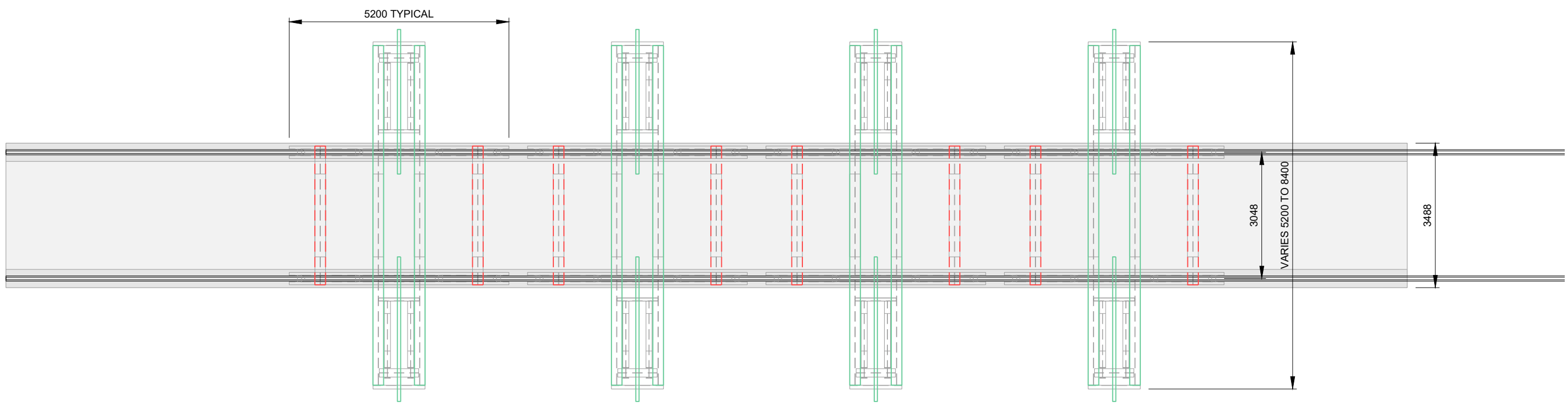
**EXISTING SITE  
 PLAN**

**NOT FOR CONSTRUCTION**

Drawing: **9702-002**  
 Issue: **T1**

**LEGEND:**

 MEMBERS TO BE DISPOSED  
 MEMBERS TO BE REUSED




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 A3 SCALE 1:100

Datum:

**WEST COAST COUNCIL**  
**STRAHAN SLIPWAY**  
**MODIFICATIONS**

-

**CRADLE**  
**EXISTING ASSEMBLY**  
**PLAN AND ELEVATION**

NOT FOR CONSTRUCTION

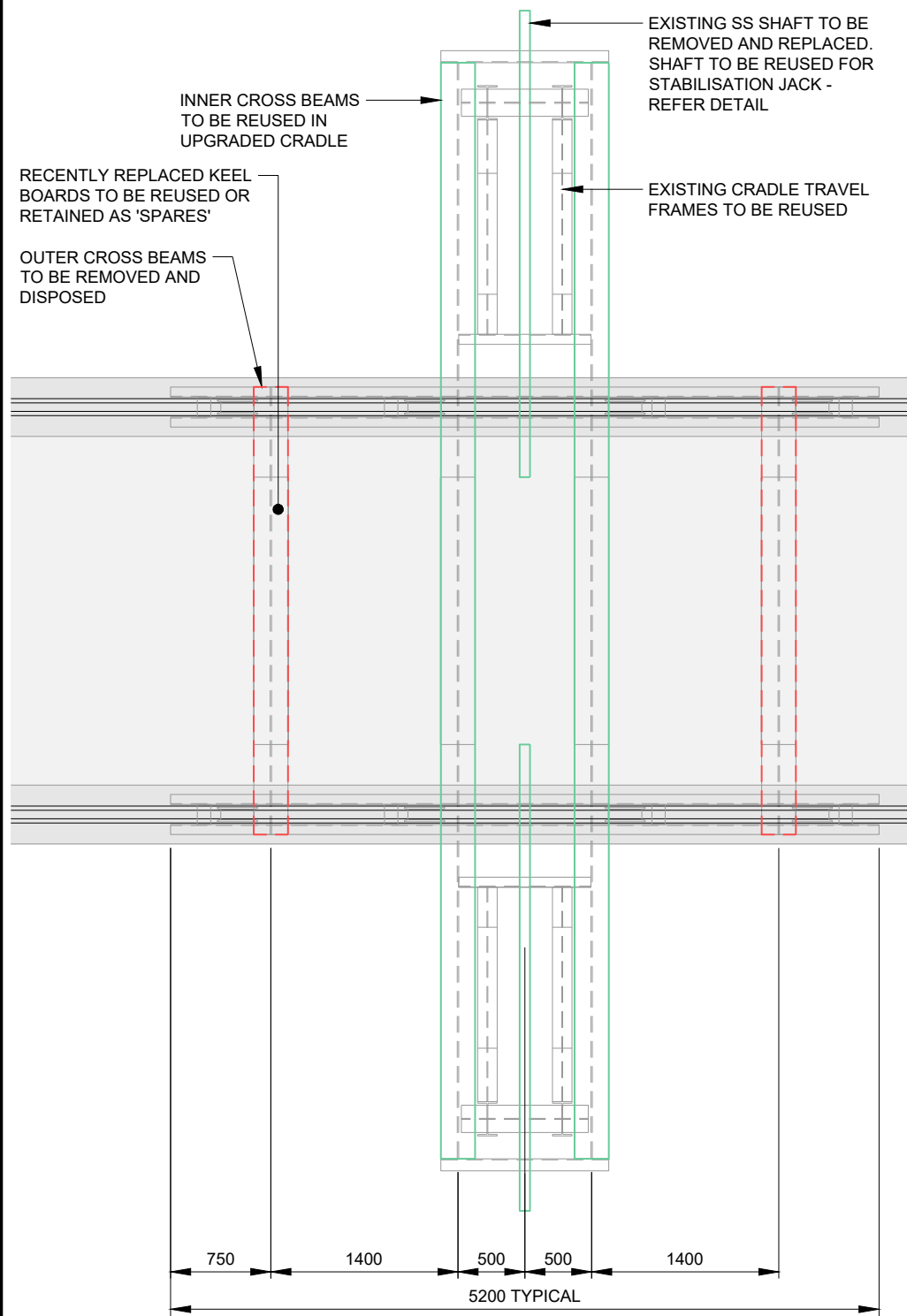
Drawing:  
**9702-003**

Issue: T1

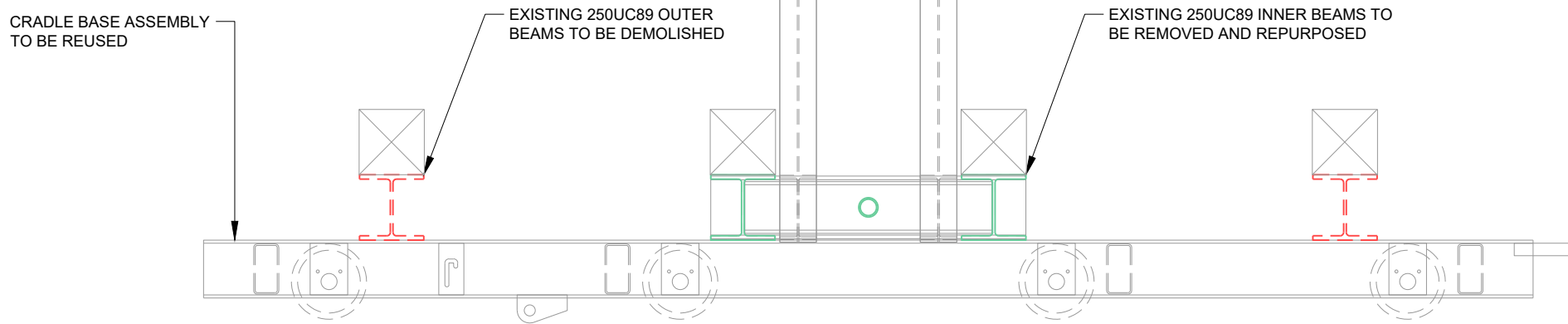
**LEGEND:**

MEMBERS TO BE DISPOSED

MEMBERS TO BE REUSED



**PLAN**  
SCALE 1:50



**ELEVATION**  
SCALE 1:25

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A3 SCALE AS SHOWN Datum:

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**MODIFICATIONS**

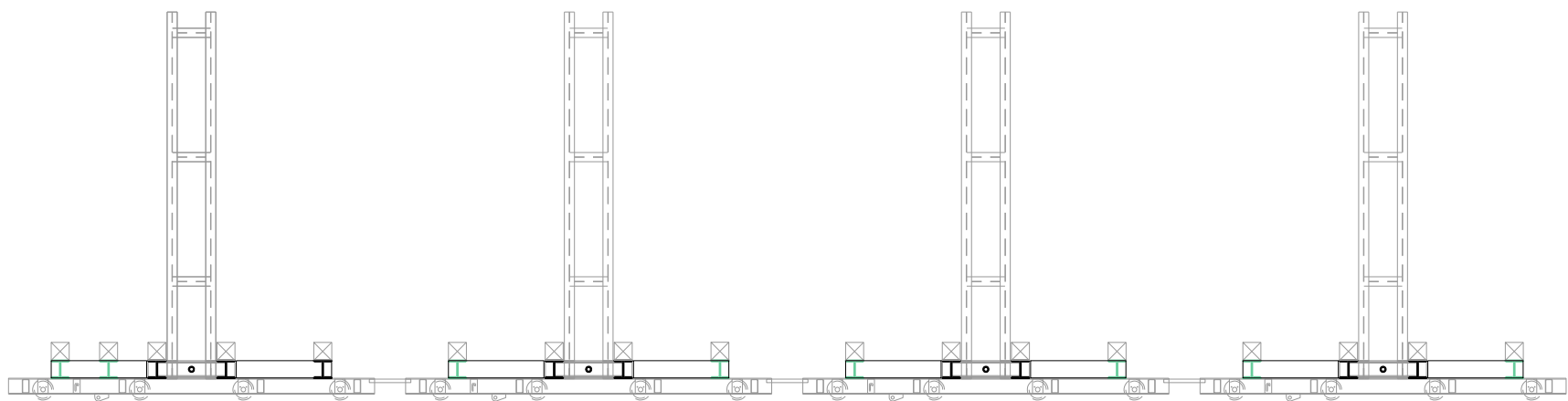
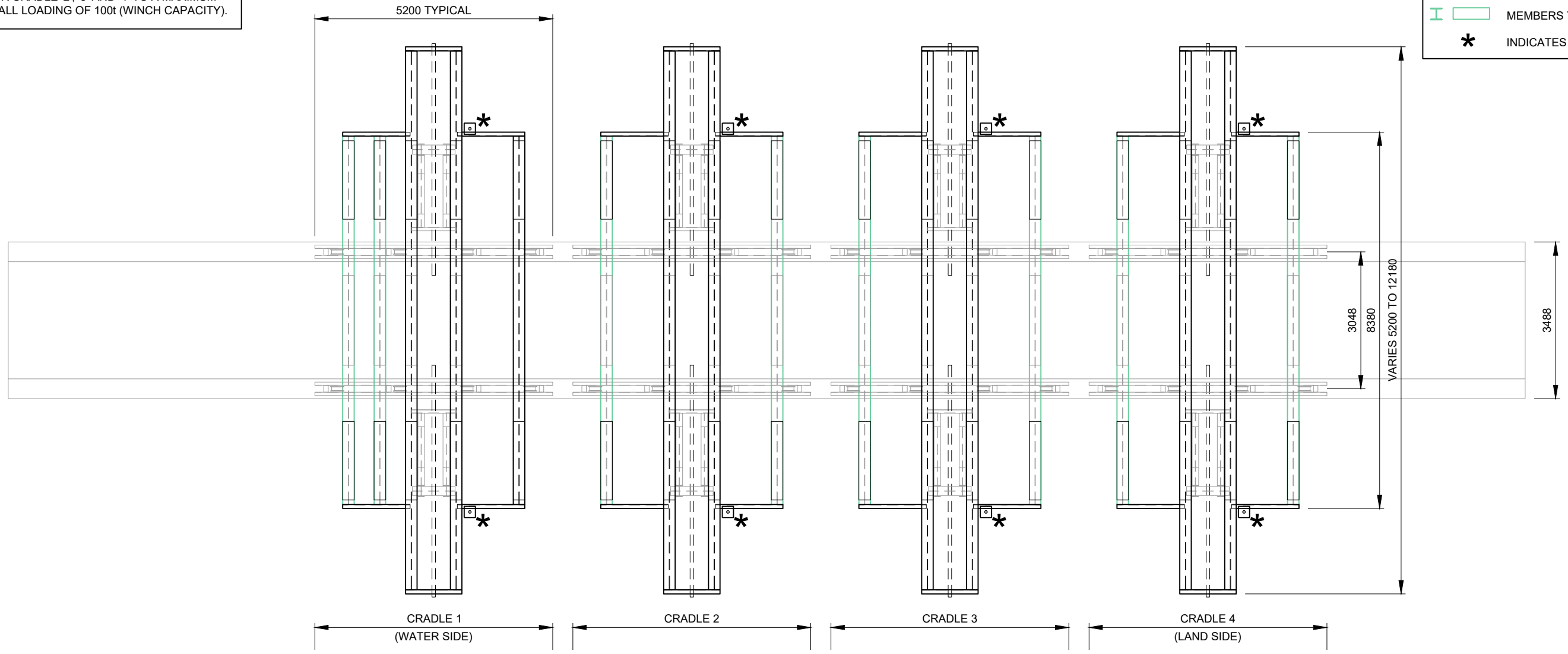
**CRADLE**  
**EXISTING ASSEMBLY**  
**ENLARGED PLAN AND ELEVATION**

NOT FOR CONSTRUCTION

Drawing:  
**9702-004**  
Issue: T1

**NOTE:**  
 1. MAXIMUM LOADING OF 50t FOR CRADLE '1' AND 40t FOR CRADLE '2', '3' AND '4' TO A MAXIMUM OVERALL LOADING OF 100t (WINCH CAPACITY).

**LEGEND:**  
 I [ ] MEMBERS TO BE DISPOSED  
 I [ ] MEMBERS TO BE REUSED  
 \* INDICATES JACK LOCATIONS



Issue:	Date:	Description:	Checked:	Approved:
P1	22-12-23	ISSUED FOR REVIEW AND PRICING	L.N.T.	L.R.B.
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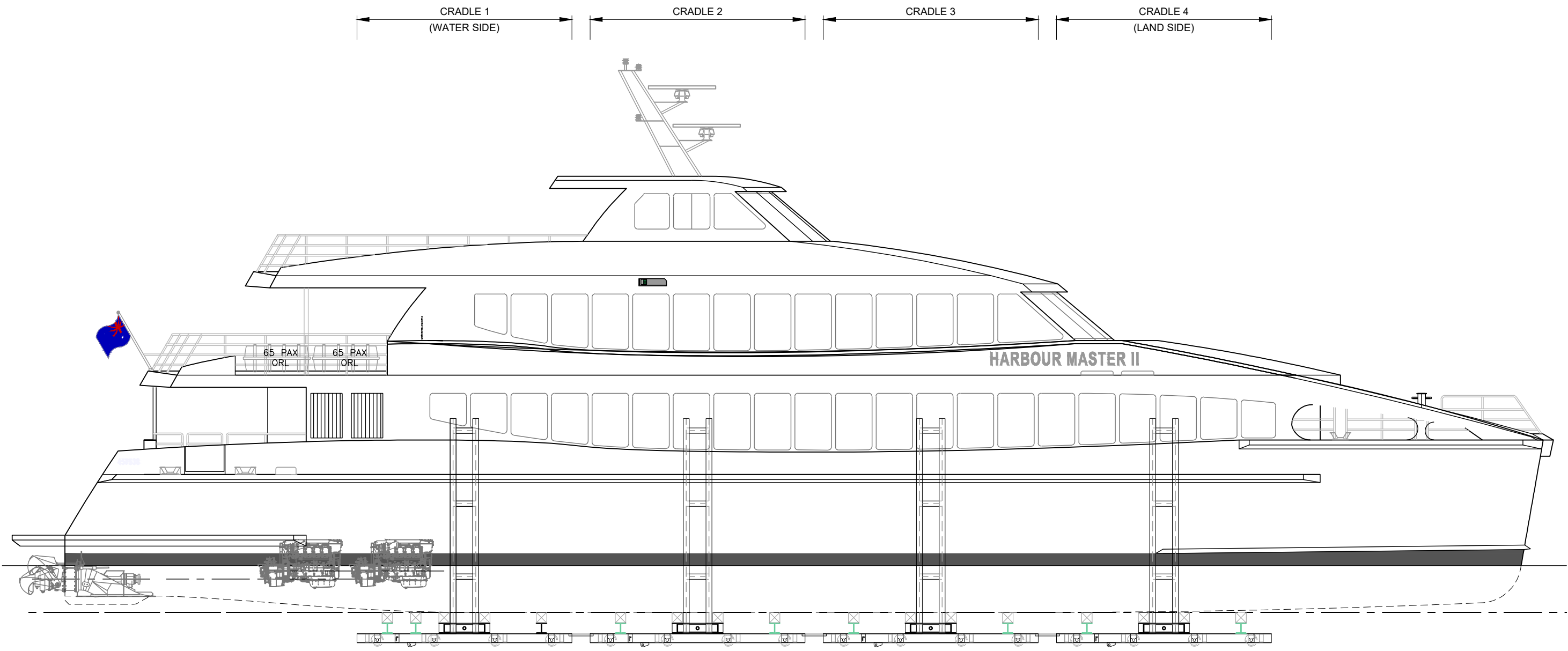
**WEST COAST COUNCIL  
 STRAHAN SLIPWAY  
 MODIFICATIONS**

**CRADLE  
 PROPOSED ASSEMBLY  
 PLAN AND ELEVATION**  
 NOT FOR CONSTRUCTION

Drawing:  
**9702-005**  
 Issue: T1

**NOTE:**

1. ADDITIONAL KEEL BLOCKS OR PACKERS TO BE PROVIDED TO SUIT THE SHAPE OF THE VESSEL'S HULL.
2. VESSEL TO BE SUPPORTED ON ALL CRADLE CROSS BEAMS.



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A3 SCALE 1:100

Datum:

**WEST COAST COUNCIL  
 STRAHAN SLIPWAY  
 MODIFICATIONS**

-

**SLIPWAY POSITION  
 HARBOURMASTER II**

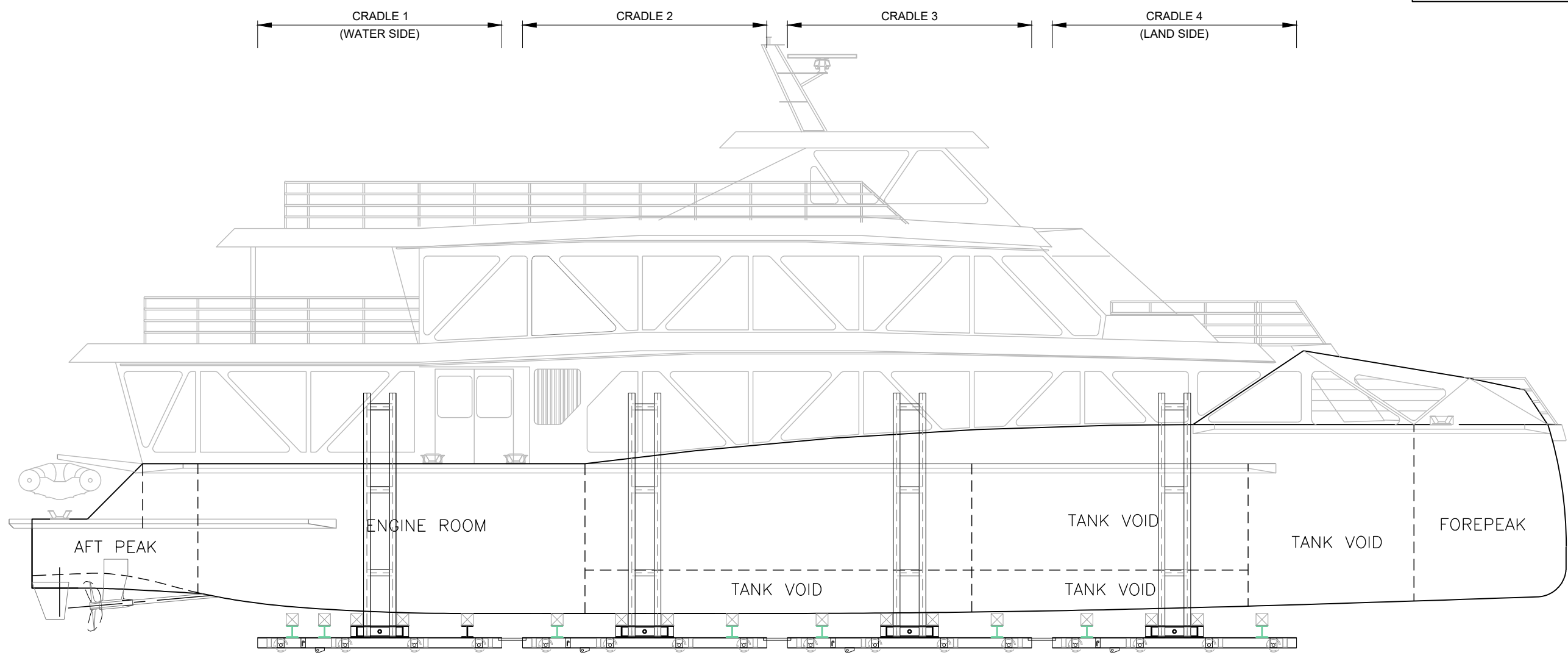
**NOT FOR CONSTRUCTION**

Drawing:  
**9702-006**

Issue: T1

**NOTE:**

1. ADDITIONAL KEEL BLOCKS OR PACKERS TO BE PROVIDED TO SUIT THE SHAPE OF THE VESSEL'S HULL.
2. VESSEL TO BE SUPPORTED ON ALL CRADLE CROSS BEAMS.



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**A3 SCALE 1:100**

Datum:

**WEST COAST COUNCIL  
 STRAHAN SLIPWAY  
 MODIFICATIONS**

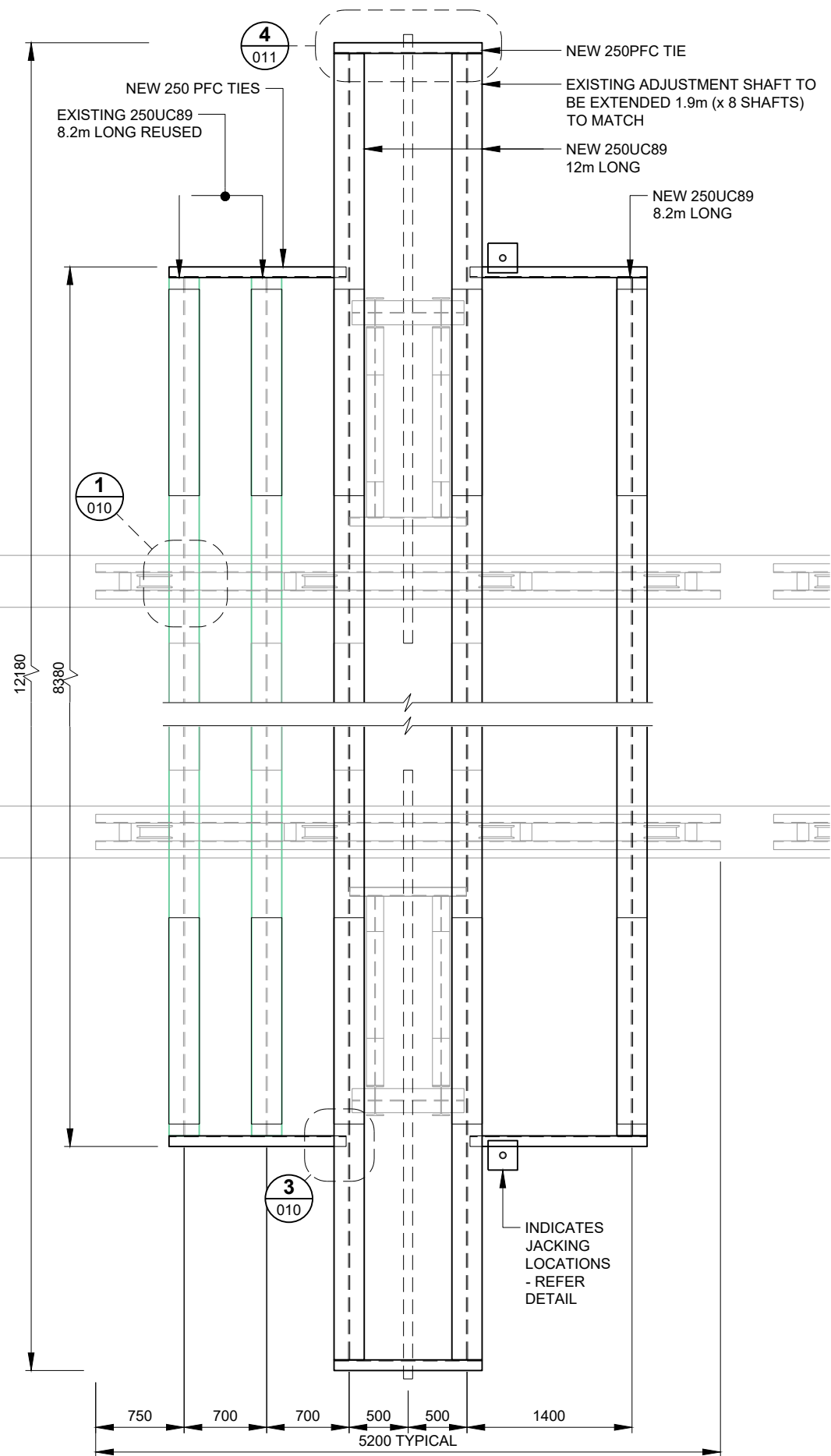
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**SLIPWAY POSITION  
 SPIRIT OF THE WILD**

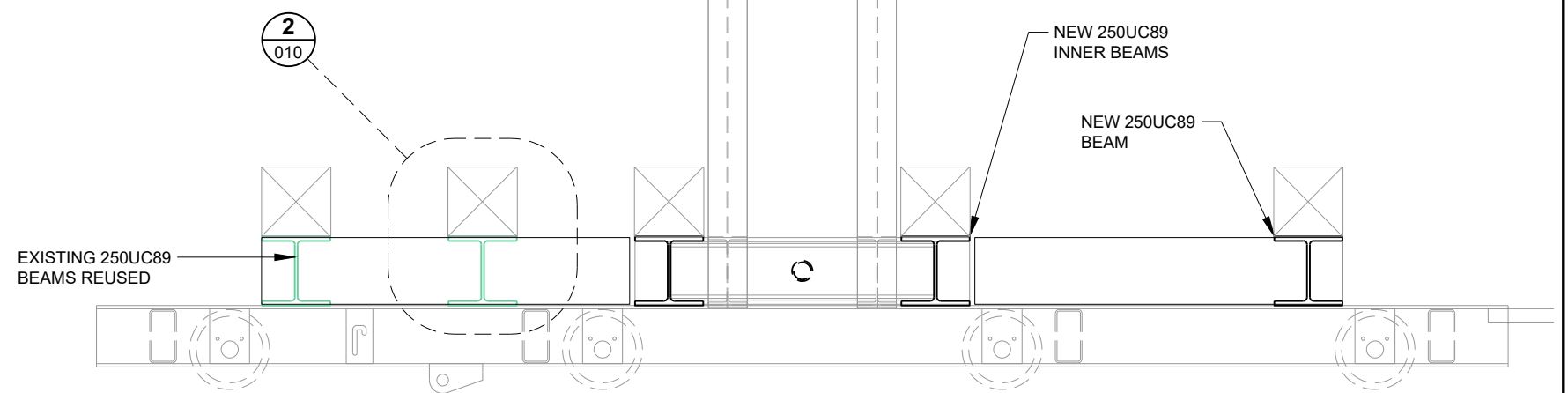
**NOT FOR CONSTRUCTION**

Drawing:  
**9702-007**

Issue: **T1**



**PLAN**  
SCALE 1:50



**ELEVATION**  
SCALE 1:25

**NOTE:**  
1. LOCATION OF KEEL BLOCKS TO BE DETERMINED TO  
ENABLE SERVICEABILITY OF ALL INTENDED VESSELS  
- REFER TYPICAL SECTION.

**LEGEND:**  
INDICATES REUSED MEMBER

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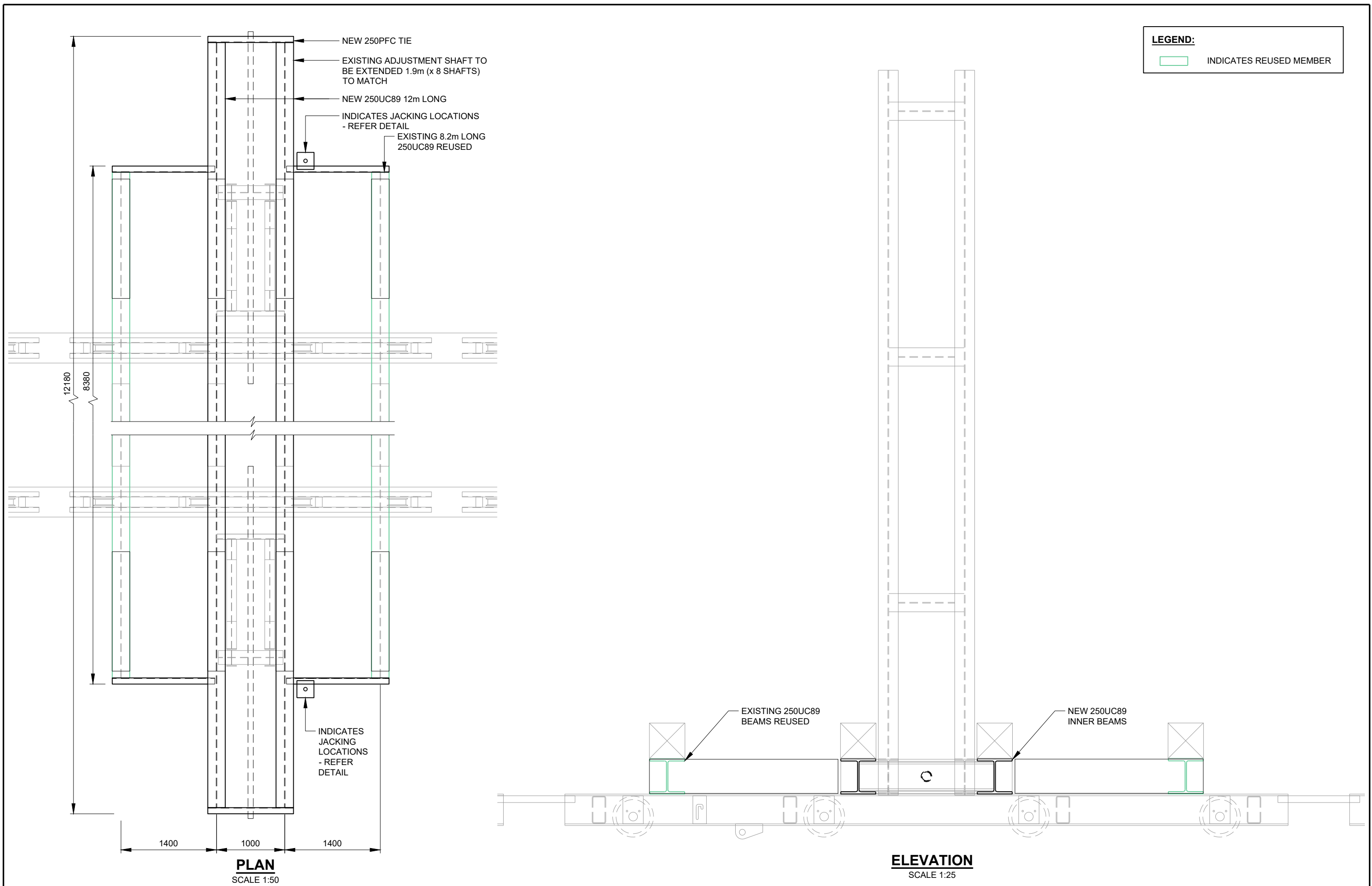
A3 SCALE AS SHOWN Datum:

**WEST COAST COUNCIL  
STRAHAN SLIPWAY  
MODIFICATIONS**

**CRADLE 1  
PROPOSED  
PLAN AND ELEVATION**

NOT FOR CONSTRUCTION

Drawing:  
**9702-008**  
Issue: T1



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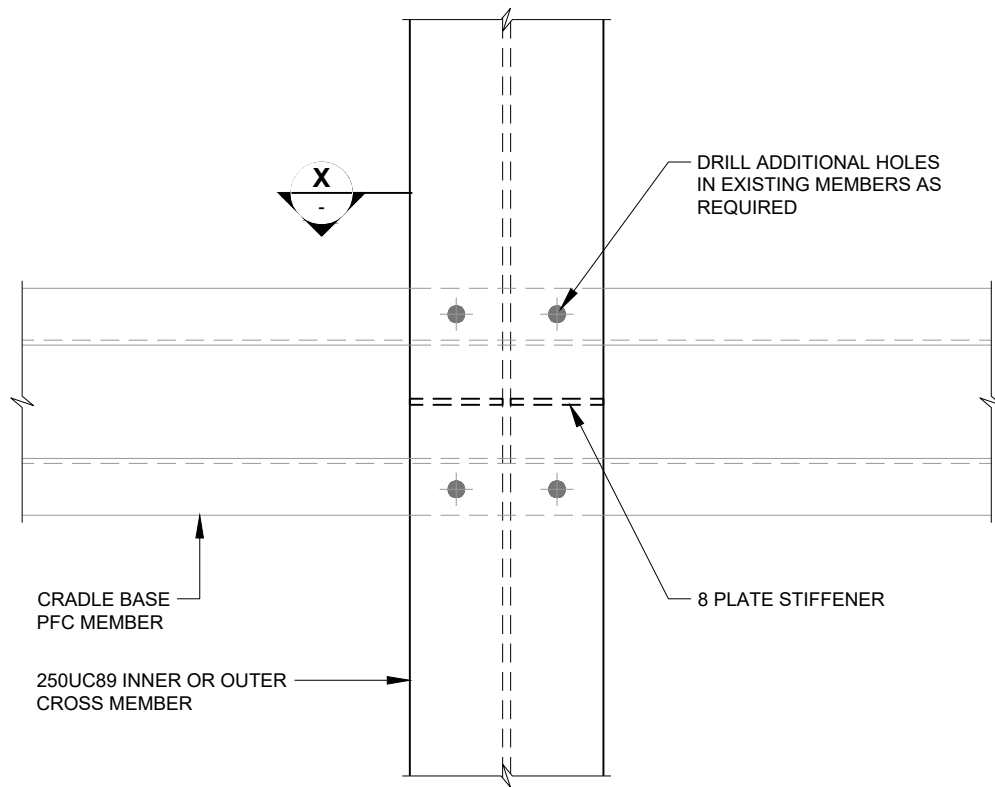
A3 SCALE AS SHOWN Datum:

**WEST COAST COUNCIL  
 STRAHAN SLIPWAY  
 MODIFICATIONS**

**CRADLE 2 - 4  
 PROPOSED  
 PLAN AND ELEVATION**

NOT FOR CONSTRUCTION

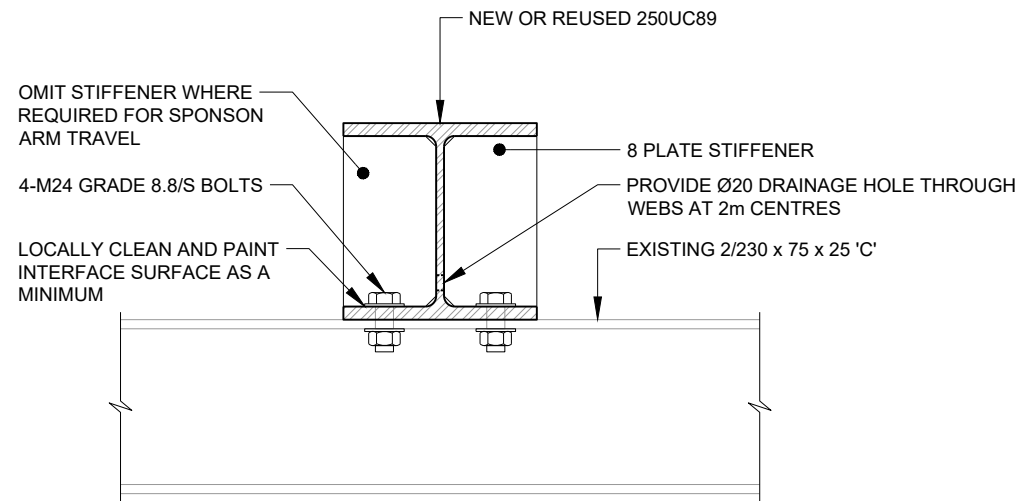
Drawing:  
**9702-009**  
 Issue: T1



**PLAN**

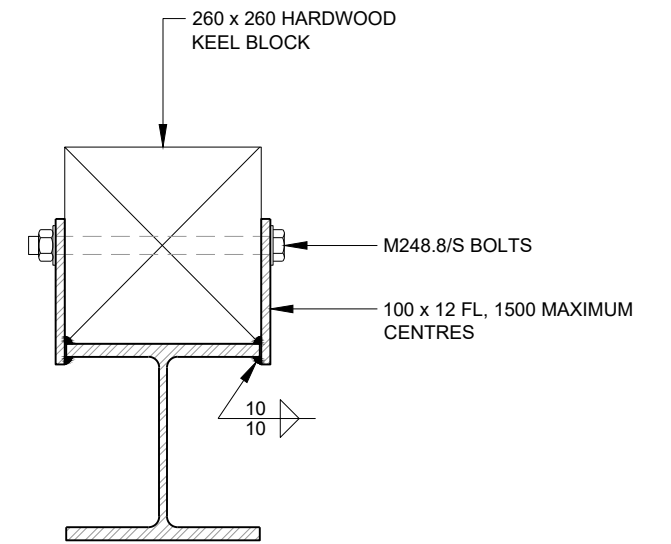
**DETAIL 1: CROSS MEMBER CONNECTION TO CRADLE**

SCALE 1:10



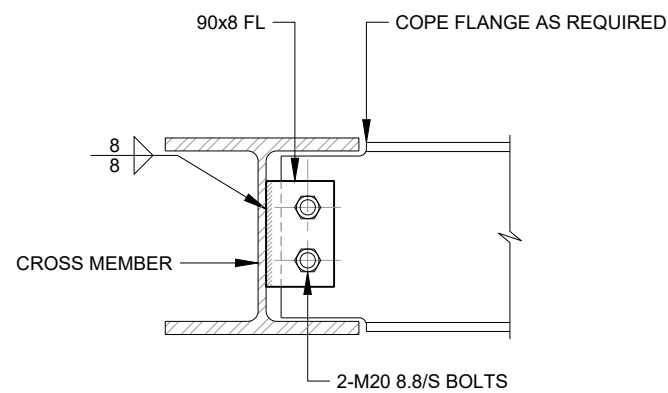
**DETAIL**

SCALE 1:10



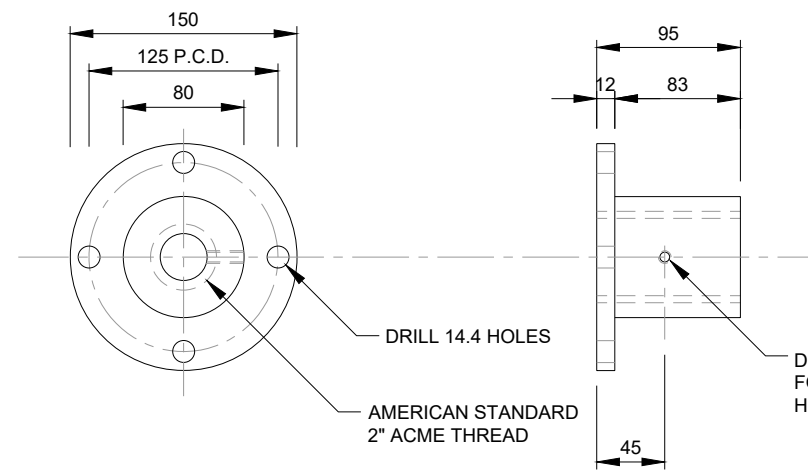
**DETAIL 2: KEEL CONNECTION DETAIL**

SCALE 1:10



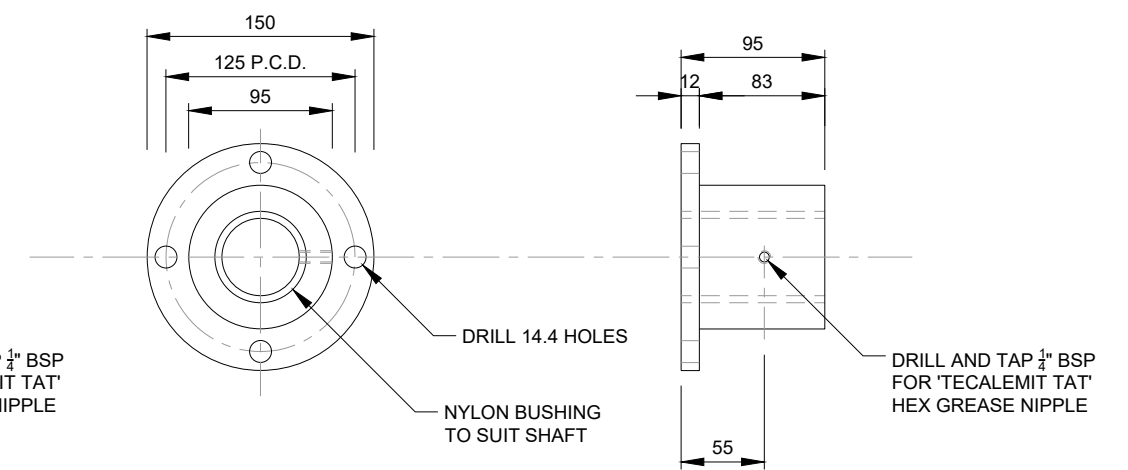
**DETAIL 3: WEB CLEAT CONNECTION**

SCALE 1:10



**THREADED BUSH FOR NEW SHAFT**

SCALE 1:5

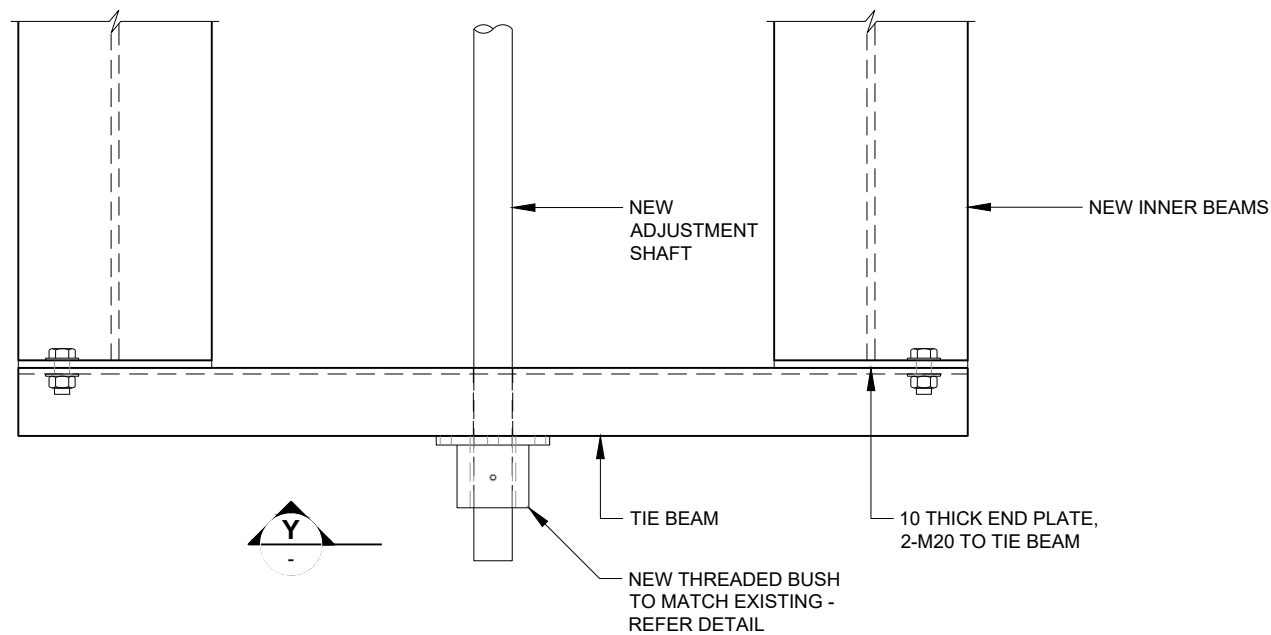


**BEARING BUSH FOR NEW SHAFT**

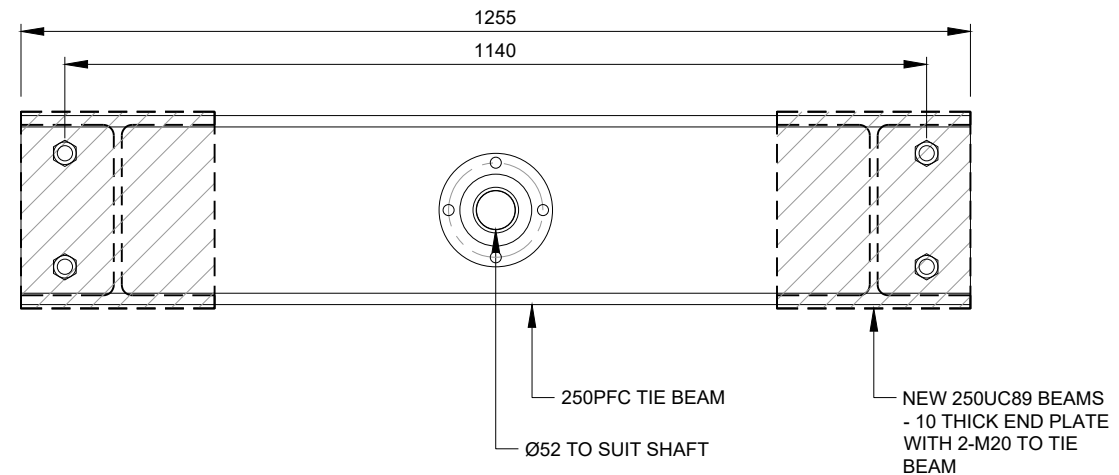
(GRADE 316 STAINLESS STEEL)

SCALE 1:5

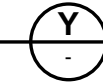
Issue:	Date:	Description:	Checked:	Approved:
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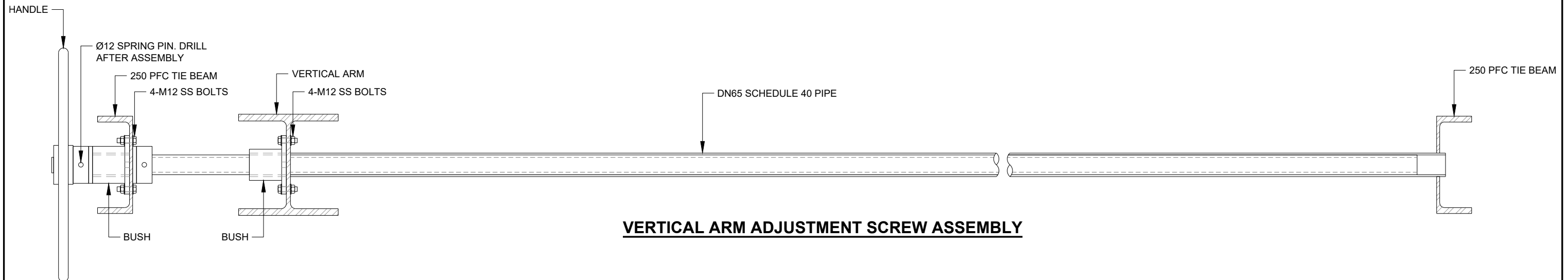
**PLAN**



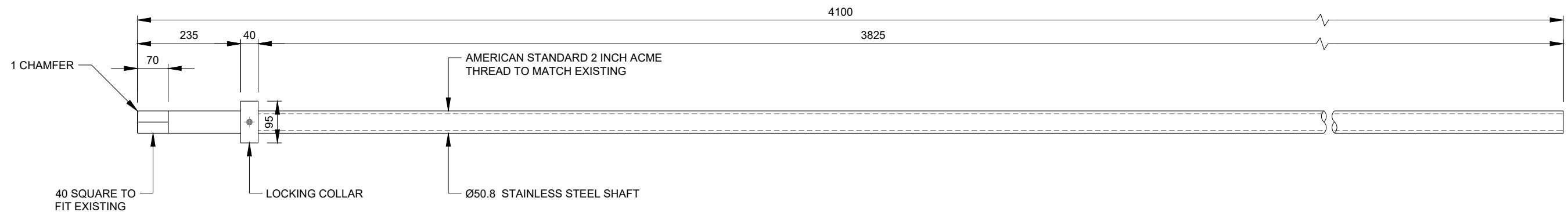
**DETAIL**



**DETAIL 4: END TIE BEAM CONNECTION**

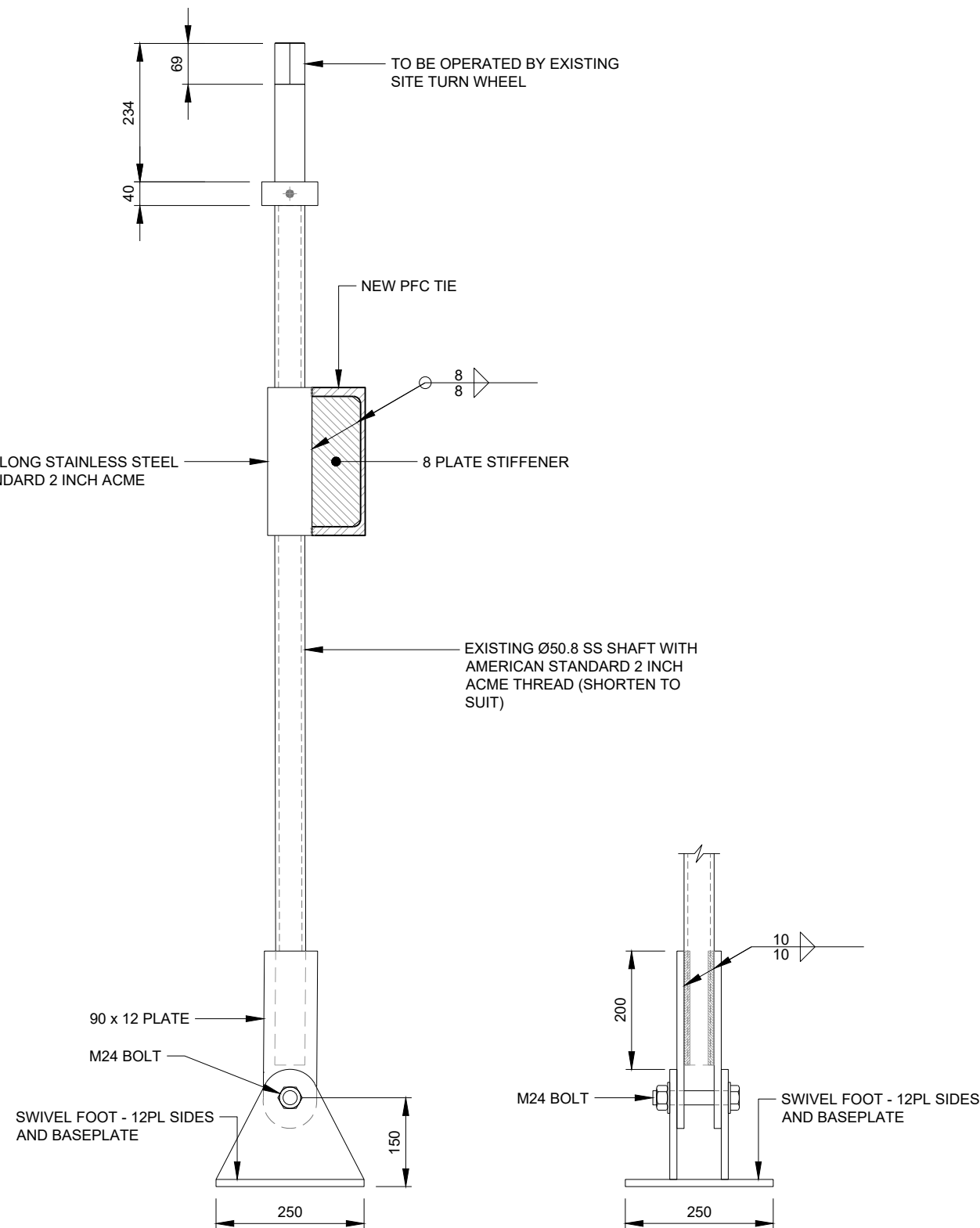


**VERTICAL ARM ADJUSTMENT SCREW ASSEMBLY**



**NEW SHAFT**  
8 REQUIRED (2 PER CRADLE)

Issue:	Date:	Description:	Checked:	Approved:
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Ø80 X 250 GRADE 316 LONG STAINLESS STEEL WITH AMERICAN STANDARD 2 INCH ACME INTERNAL THREAD

TO BE OPERATED BY EXISTING SITE TURN WHEEL

NEW PFC TIE

8 PLATE STIFFENER

EXISTING Ø50.8 SS SHAFT WITH AMERICAN STANDARD 2 INCH ACME THREAD (SHORTEN TO SUIT)

90 x 12 PLATE

M24 BOLT

SWIVEL FOOT - 12PL SIDES AND BASEPLATE

250

200

M24 BOLT

SWIVEL FOOT - 12PL SIDES AND BASEPLATE

250

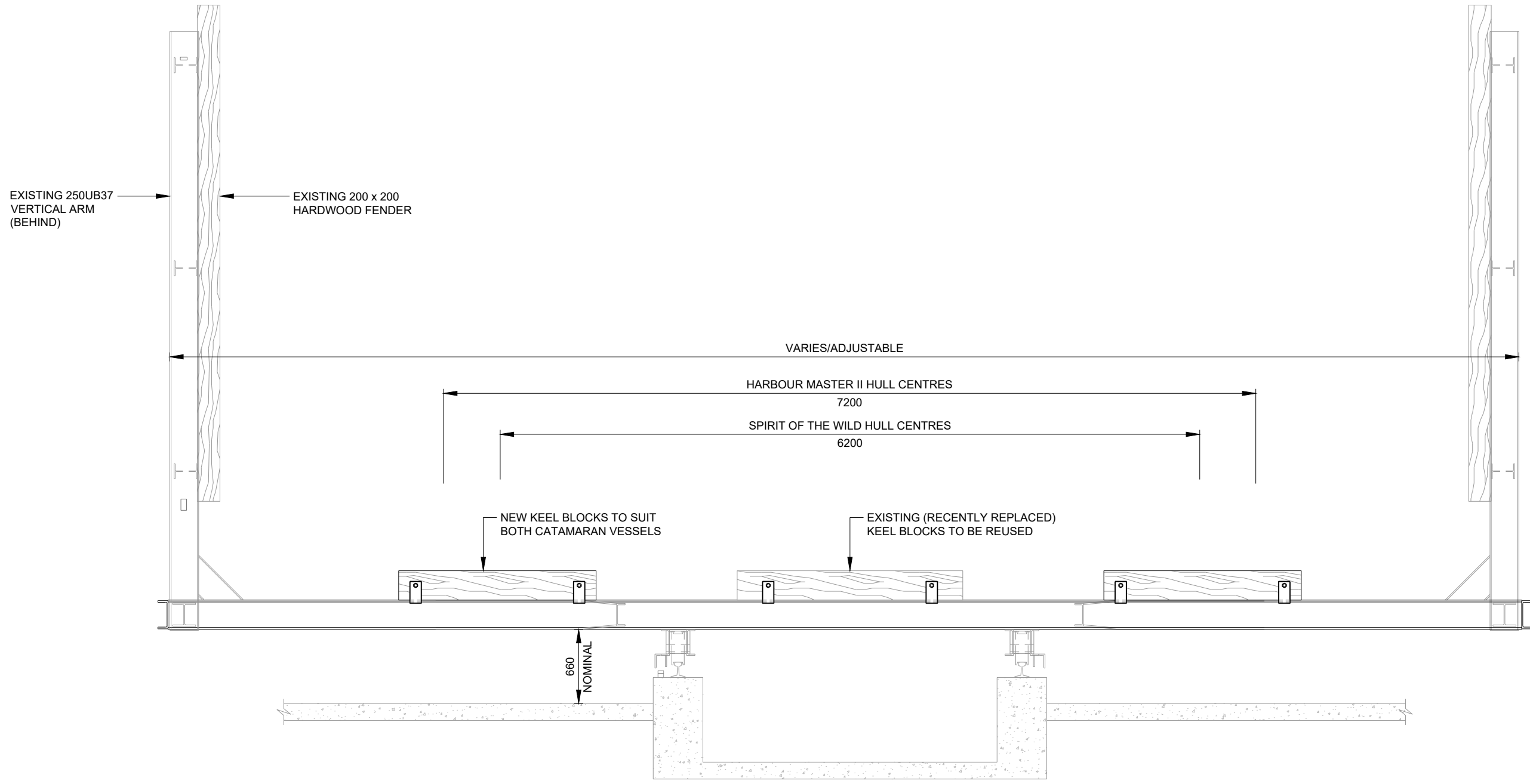
### NEW JACK

8 REQUIRED (2 PER CRADLE)  
- REFER PLAN FOR APPROXIMATE LOCATIONS

### STEELWORK NOTES:

1. ALL STEELWORK SHALL BE FABRICATED FROM A MATERIAL COMPLYING WITH AS1163, AS3678, AS3679 UNLESS NOTED OTHERWISE. FABRICATION SHALL COMPLY WITH THE REQUIREMENTS OF AS1554, AS4100 WHERE APPLICABLE.
2. PROVIDE AND LEAVE IN PLACE DURING CONSTRUCTION, TEMPORARY BRACING ELEMENTS AS REQUIRED TO MAINTAIN STABILITY OF THE CONSTRUCTION WORKS.
3. UNSPECIFIED WELDS SHALL BE 8mm CONTINUOUS FILLET WELDS. BUTT WELDS SHALL BE QUALIFIED COMPLETE PENETRATION BUTT JOINTS UNLESS NOTED OTHERWISE. USE BACKING PLATES WHERE NECESSARY.
4. ALL BOLTS SHALL BE GALVANISED STRUCTURAL BOLTS COMPLYING WITH AS1252, IN HOLES 2mm LARGER THAN THE NOMINAL DIAMETER OF THE BOLT.
5. ALL BOLTS TO BE GRADE 8.8/S UNLESS NOTED OTHERWISE. BOLT GAUGES TO BE STANDARD 70mm, 90mm OR 140mm AS APPROPRIATE.
6. BOLT EDGE DISTANCE 35mm UP TO M24 UNLESS NOTED OTHERWISE. MINIMUM EDGE DISTANCE MAY BE REDUCED TO 1.5 x BOLT DIA WHERE CLEARANCE IS CRITICAL.
7. FABRICATE ALL BEAMS WITH NATURAL CAMBER UP.
8. ALL MILD STEEL TO BE PAINTED - REFER TO PAINT SPECIFICATION.

Issue:	Date:	Description:	Checked:	Approved:
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A3 SCALE 1:40

Datum:

**WEST COAST COUNCIL  
 STRAHAN SLIPWAY  
 MODIFICATIONS**

-

**CRADLE  
 SECTION AT VERTICAL ARM**

NOT FOR CONSTRUCTION

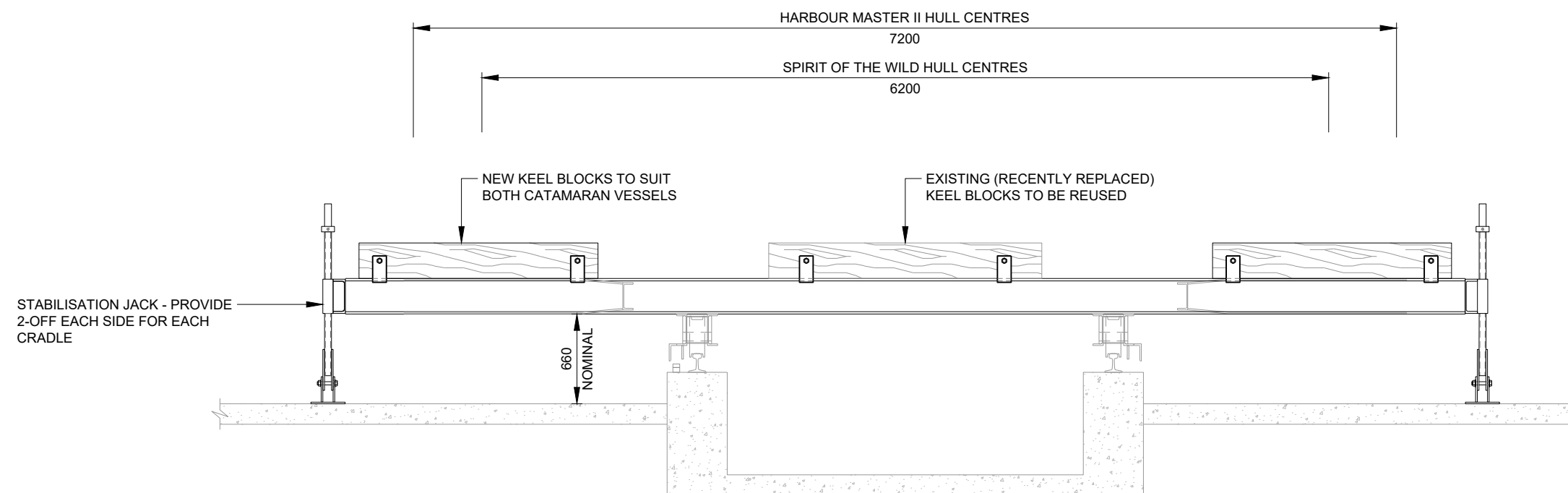
Drawing:  
**9702-013**

Issue: T1

**NOTES:**

1. TIMBER PACKING CAN ALTERNATIVELY BE USED PRIOR TO THE ACQUISITION OR FABRICATION OF APPROPRIATE JACKS.
2. DETAILED SAFE OPERATING PROCEDURES (SOP) TO BE DEVELOPED BY THE WEST COAST COUNCIL WITH INPUT FROM KEY SLIPYARD STAKEHOLDERS. THIS SHOULD INCLUDE (BUT NOT LIMITED TO):
  - SHIP PREPARATION - EMPTYING TANKS, ETC
  - ENVIRONMENTAL PROTECTIONS - COLLECTION OF DEBRIS OR WASTE
  - HAULING AND LANDING PROCEDURES - APPROACH SPEED, WEATHER CONDITIONS
  - INCIDENT REPORTING/EMERGENCY PROCEDURES.

CONSIDERATION SHOULD BE GIVEN TO THE CREATION OF 'SHIP SPECIFIC' SOPs TO BE USED IN CONJUNCTION WITH THE SLIPYARD SOPs.



Issue:	Date:	Description:	Checked	Approved
P1	22-12-23	ISSUED FOR REVIEW AND PRICING	L.N.T.	L.R.B.
T1	03-06-24	ISSUED FOR TENDER	L.N.T.	L.R.B.

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A3 SCALE 1:40

Datum: