
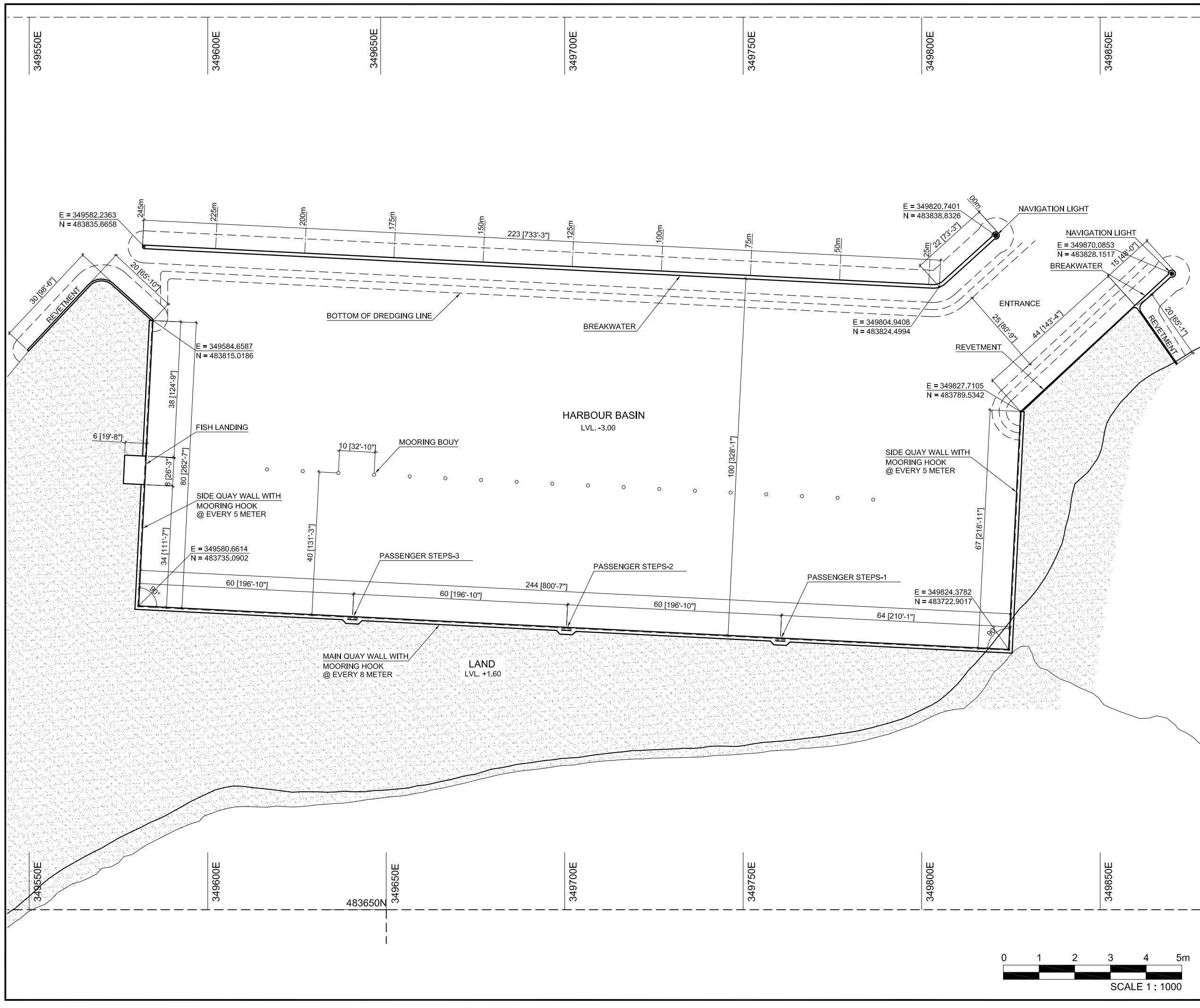


K.THULUSDHOO HARBOUR		
LIST OF DRAWINGS		
DWG. NOS	DRAWING TITLES	REV. NO
TD-CI-00	LIST OF DRAWINGS	0
TD-CI-01	NEW DESIGN LAYOUT	0
TD-CI-01a	LOCATION PLAN	0
TD-CI-02	DREDGING PLAN	0
TD-CI-03	QUAY WALL DETAILS (SHEET 1 OF 4)	0
TD-CI-03	QUAY WALL DETAILS (SHEET 2 OF 4)	0
TD-CI-03	QUAY WALL DETAILS (SHEET 3 OF 4)	0
TD-CI-03	QUAY WALL DETAILS (SHEET 4 OF 4)	0
TD-CI-04	BREAKWATER DETAILS (SHEET 1 OF 2)	0
TD-CI-04	BREAKWATER DETAILS (SHEET 2 OF 2)	0
TD-CI-05	TYPICAL DETAILS	0

NOTES:

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPRD.
REVISION					
CLIENT					
<div><div></div><div>MINISTRY OF HOUSING &amp; INFRASTRUCTURE REPUBLIC OF MALDIVES</div></div>					
CONSULTANT:					
<div><div></div><div>Al-Habshi Consultants Office Tel.: 2430103 / 2433131 - Fax : 2431136 P.O.Box 27154 Safat 13132 - Kuwait</div></div>					
PROJECT:					
RECONSTRUCTION OF HARBORS PHASE-2					
DRAWING TITLE:					
THULUSDHOO HARBOUR LIST OF DRAWINGS					
DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
SS	JP	MS	MA	N.T.S	20-06-14
PROJECT No.	SHEET No.	DRAWING No.			
K-601	1 OF 1	TD-CI-00			
REV. No.	0				



**NOTES:**


1- ALL DIMENSIONS AND LEVELS ARE IN METER, UNLESS OTHERWISE SHOWN.


2- FISH LANDING LOCATIONS IS INDICATIVE ONLY  
FINAL LOCATION MAY BE AGREED UPON IN SITE.

Benchmark  
PSM-0046 = +0.733m(350385.622E,483879.023N)  
PSM-0047 = +1.208m(350216.254E,483389.697N)

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPRD.

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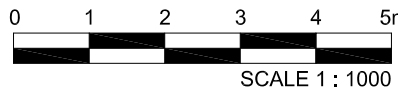
PROJECT:  
**RECONSTRUCTION OF HARBORS  
 PHASE-2**

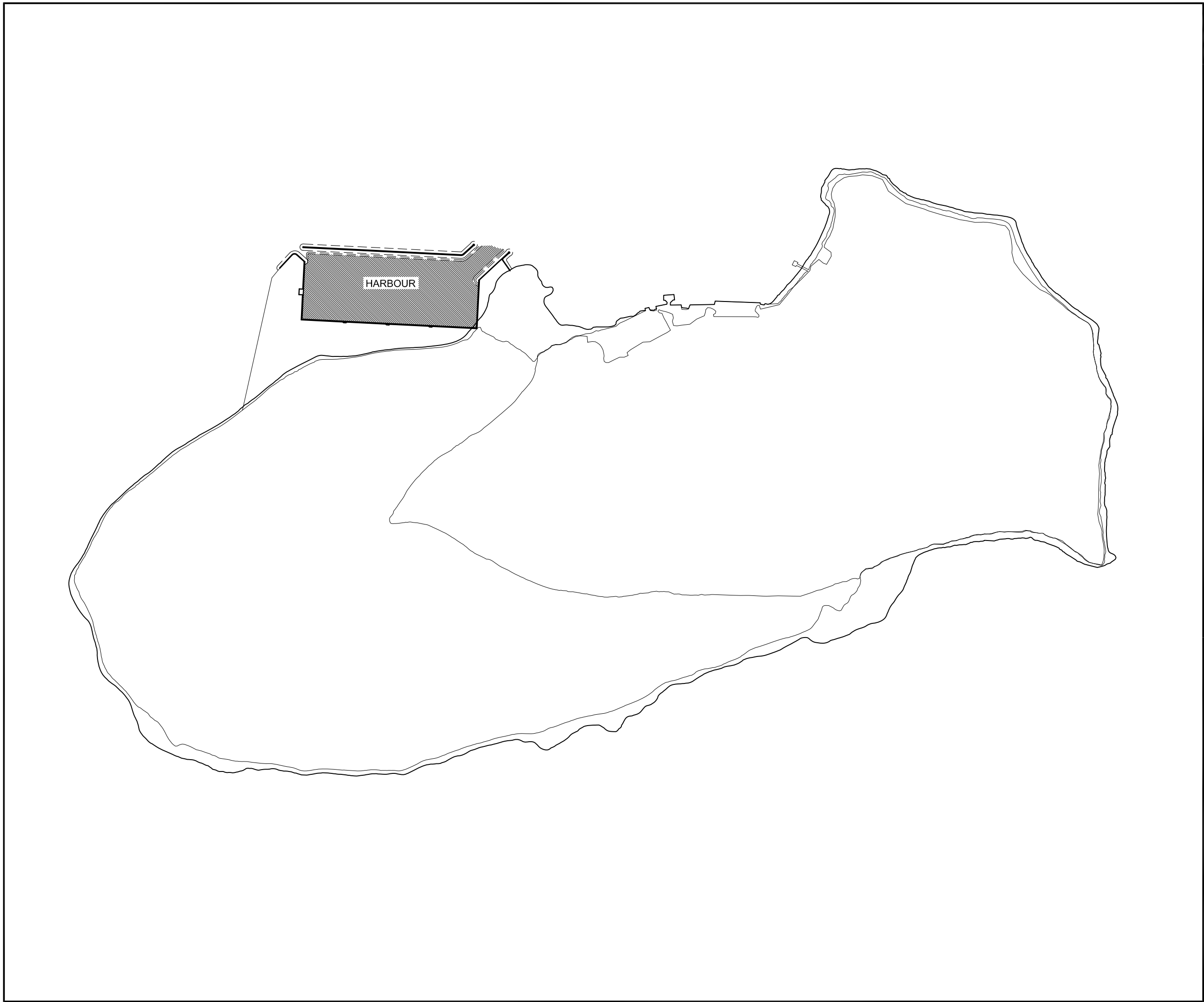
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 NEW DESIGN LAYOUT**

DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
SS	JP	MS	MA	1:1000	20-06-14

PROJECT No.	SHEET No.	DRAWING No.
K-601	1 OF 1	TD-CI-01

REV. No. 0





NOTES:


REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPRD.
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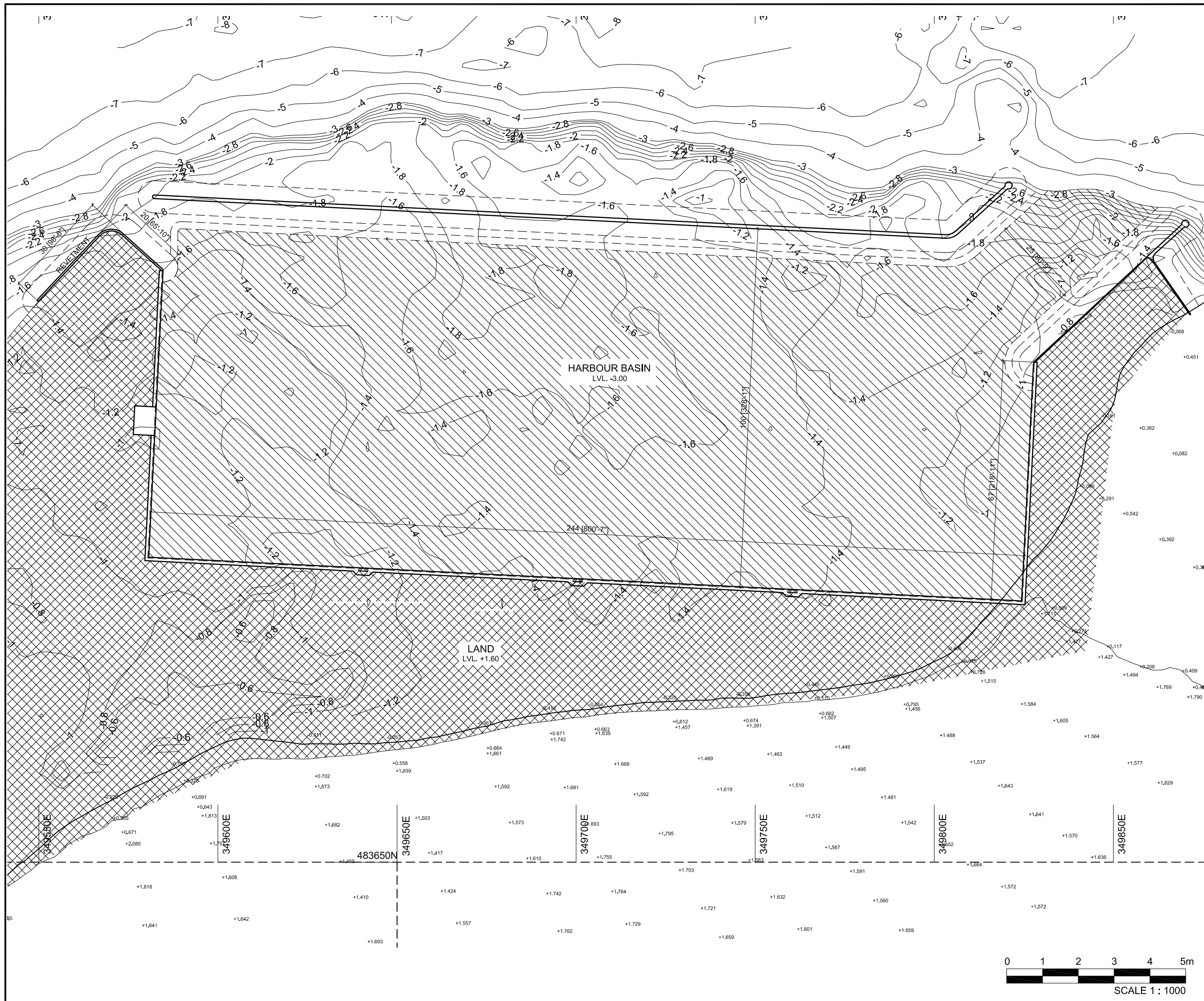
PROJECT:

RECONSTRUCTION OF HARBORS  
PHASE-2

DRAWING TITLE:

THULUSDHOO HARBOUR  
LOCATION PLAN

DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
SS	JP	MS	MA	-	20-06-14
PROJECT No.	SHEET No.	DRAWING No.			
K-601	1 OF 1	TD-CI-01a			
REV. No.	0				




**NOTES:**  
1- ALL DIMENSIONS AND LEVELS ARE IN METER, UNLESS OTHERWISE SHOWN.

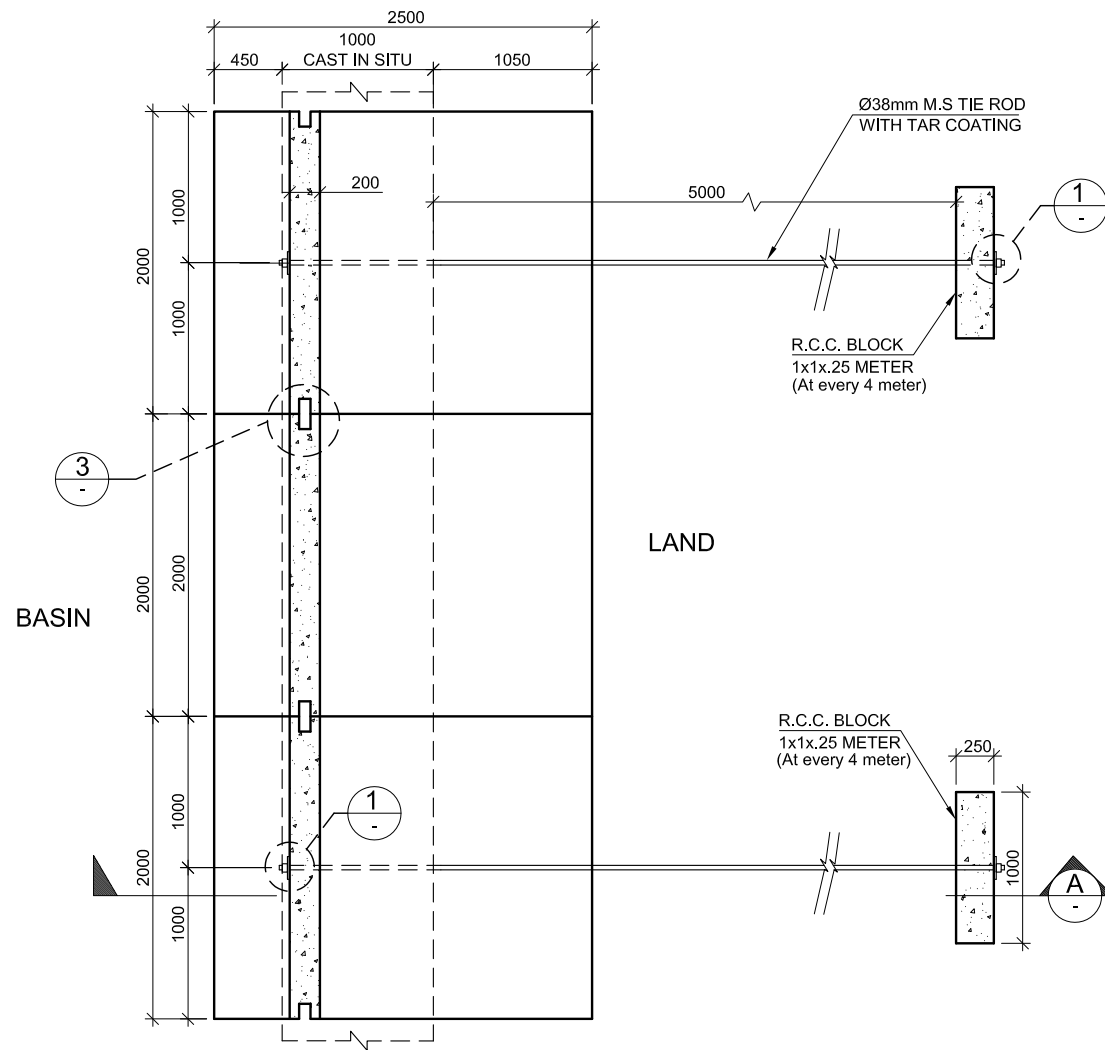
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PSM-0047 = +1.208m(350216.254E,483389.697N)

**LEGENDS:-**

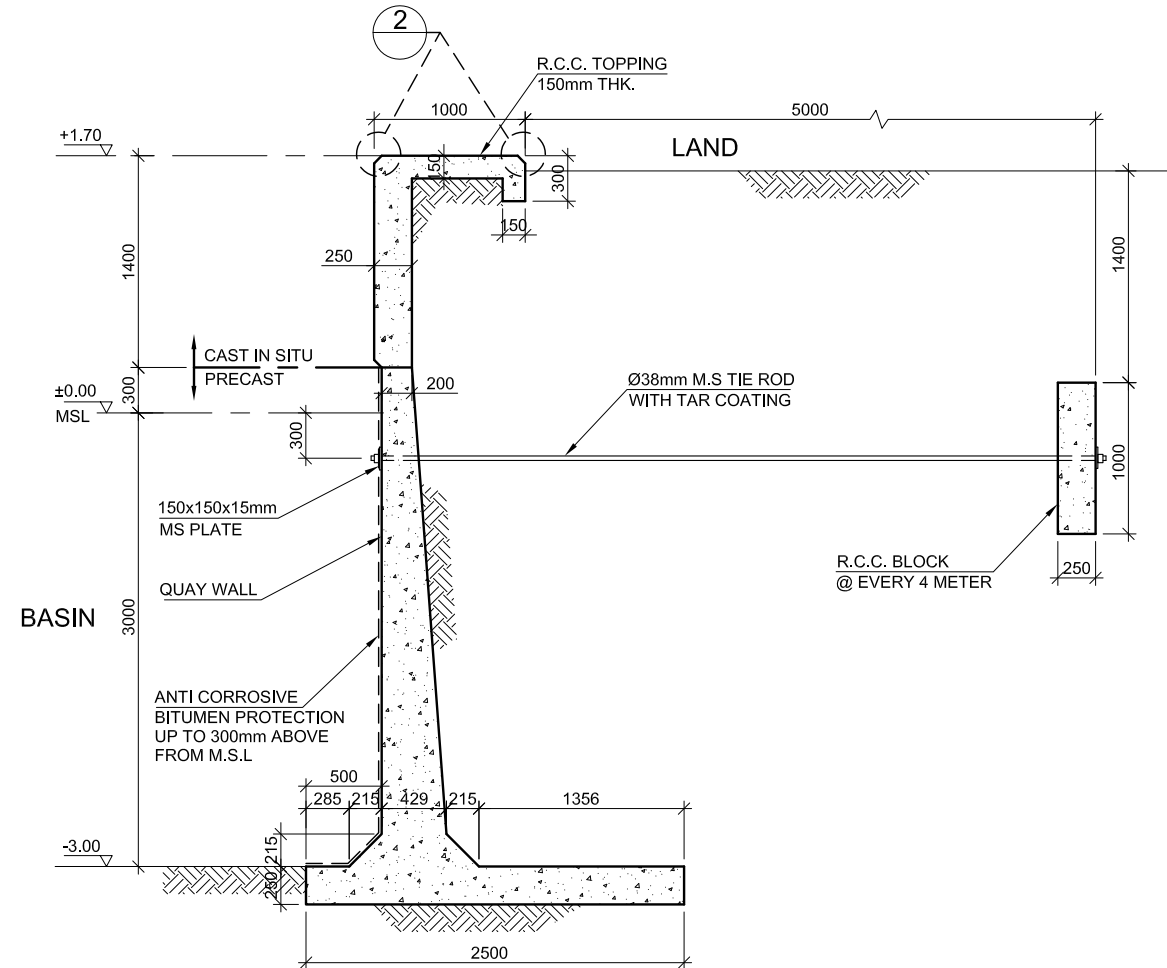
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- BACK FILLING AREA

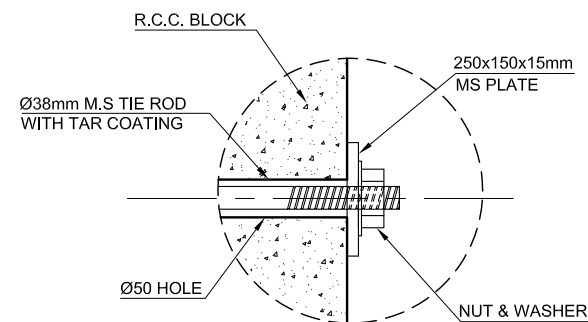
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<div><div></div><div>MINISTRY OF HOUSING &amp; INFRASTRUCTURE REPUBLIC OF MALDIVES</div></div>					
CONSULTANT:					
<div><div><div>Al-Habshi Consultants</div></div><div>Al-Habshi Consultants Office Tel: 2430103 / 2433131 - Fax : 2431136 P.O.Box 27154 Safat 13132 - Kuwait</div></div>					
PROJECT:					
RECONSTRUCTION OF HARBORS PHASE-2					
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DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
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PROJECT No.	SHEET No.	DRAWING No.			
K-601	1 OF 1	TD-CI-02			
REV. No.	0				



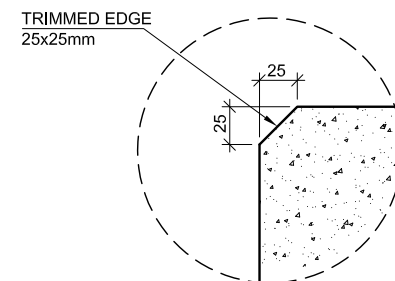
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SCALE 1 : 50



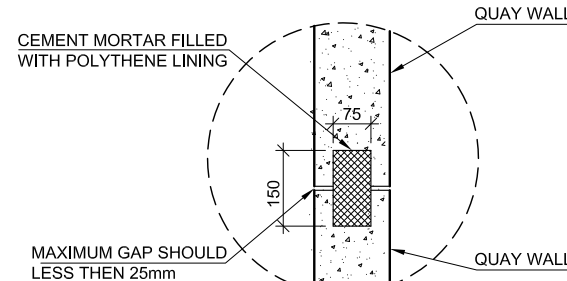
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**DETAIL-1**



**DETAIL-2**



**DETAIL-3**

NOTES:

REV. DATE DESCRIPTION DRAWN CHKD. APPRD.

REVISION

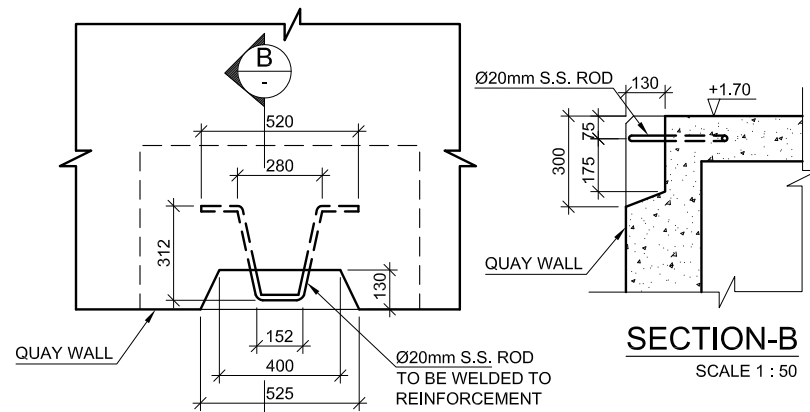
CLIENT  
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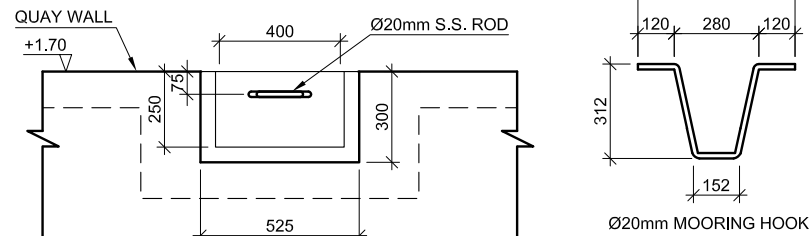
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**RECONSTRUCTION OF HARBORS**  
**PHASE-2**

DRAWING TITLE:  
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**QUAYWALL DETAILS**

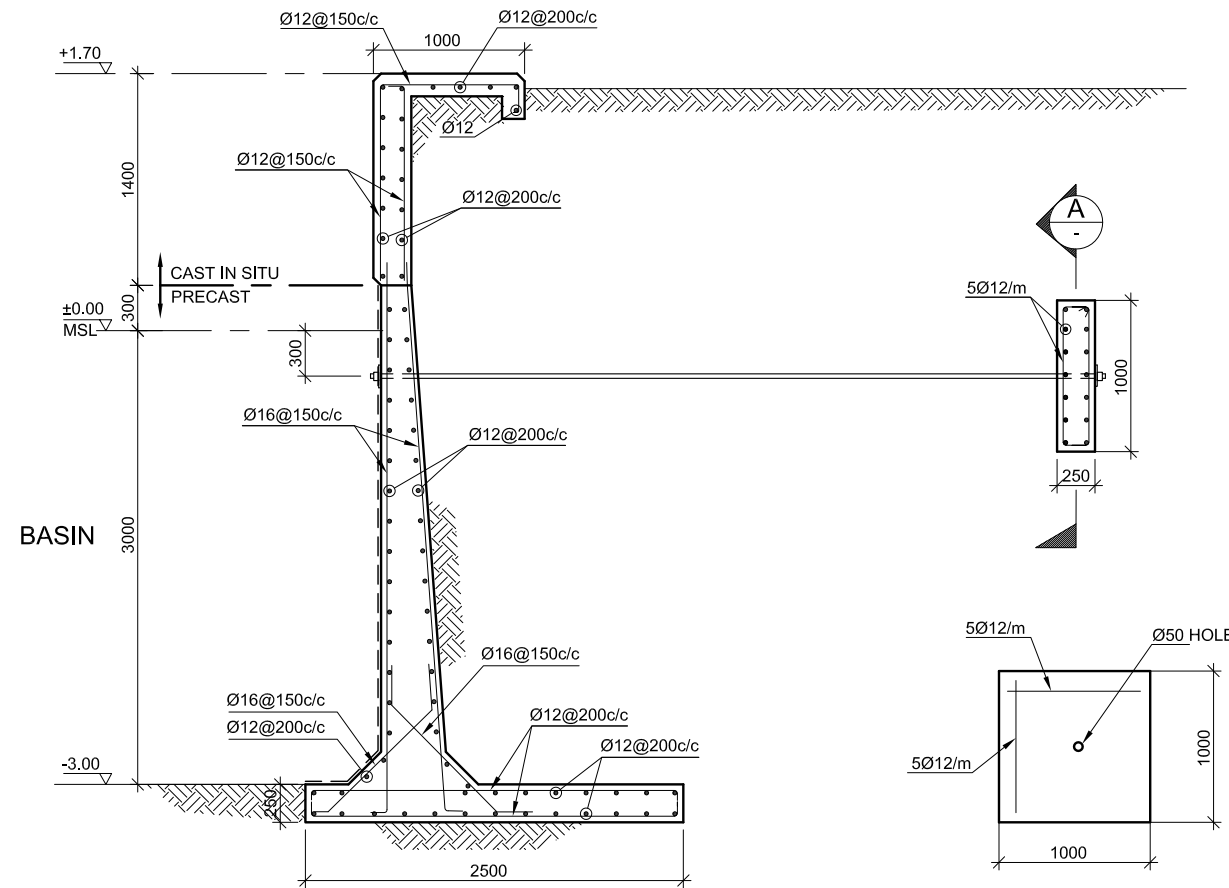
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K-601	1 OF 4	TD-CI-03			
REV. No.	0				



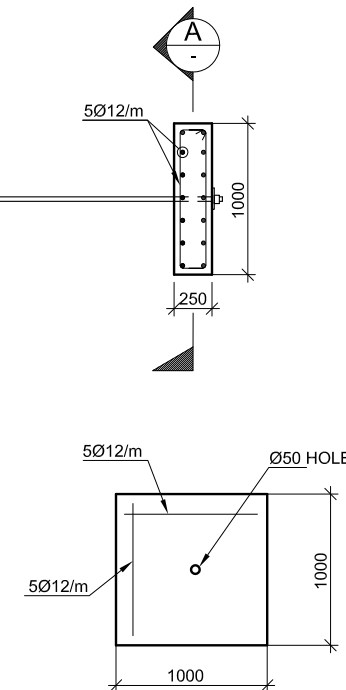
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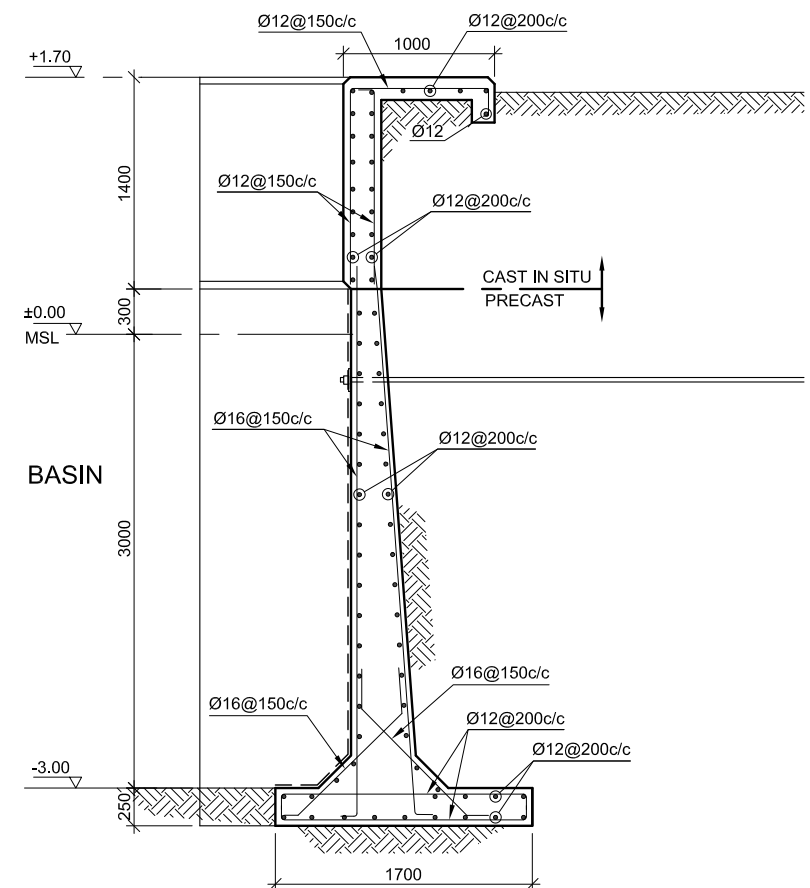
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**REINFORCEMENT - TYPICAL QUAY WALL**  
SCALE 1 : 50

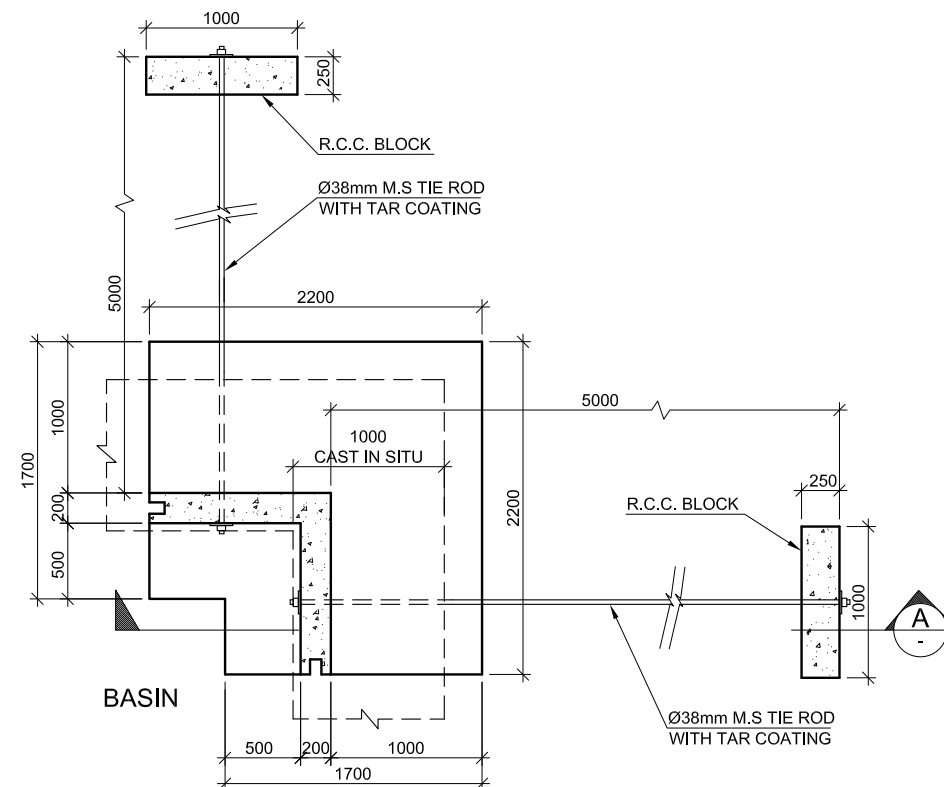


**SECTION -A**  
SCALE 1 : 50



**SECTION-A**

**90° CORNER QUAY WALL**



**PLAN**  
SCALE 1 : 50

NOTES:

REV. DATE DESCRIPTION DRAWN CHKD. APPRD.

REVISION

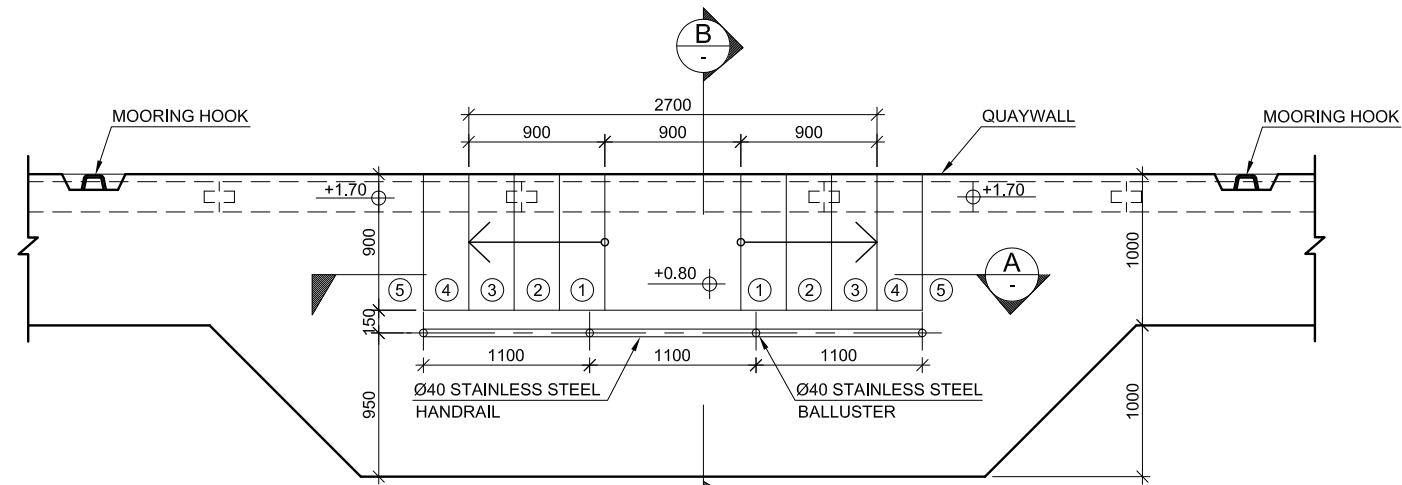
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**Al-Habshi Consultants Office**  
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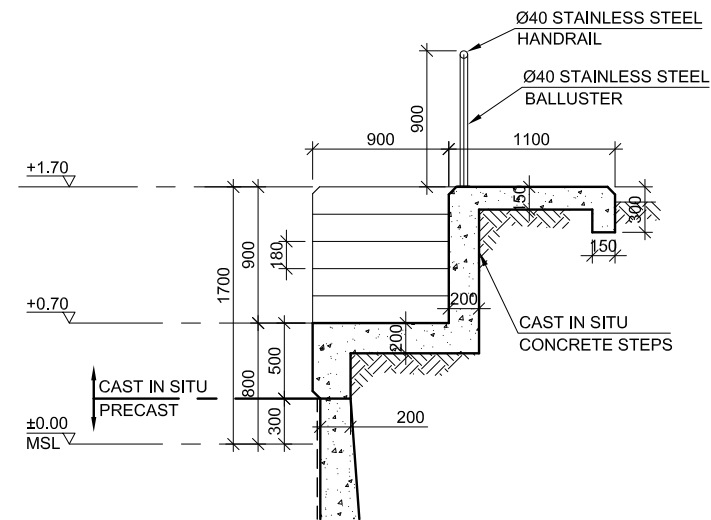
PROJECT:  
**RECONSTRUCTION OF HARBORS**  
**PHASE-2**

DRAWING TITLE:  
**THULUSDHOO HARBOUR**  
**QUAYWALL DETAILS**

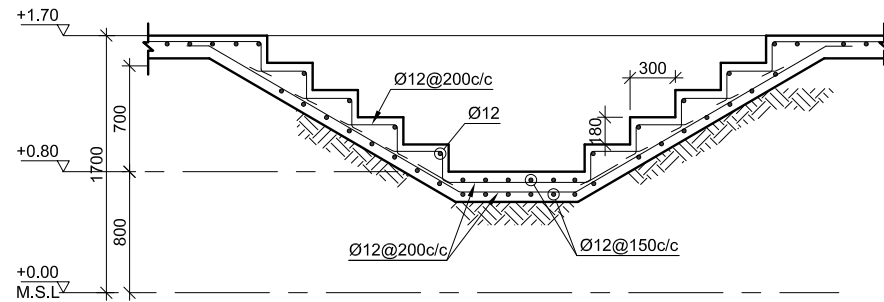
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K-601	2 OF 4	TD-CI-03			
REV. No.	0				



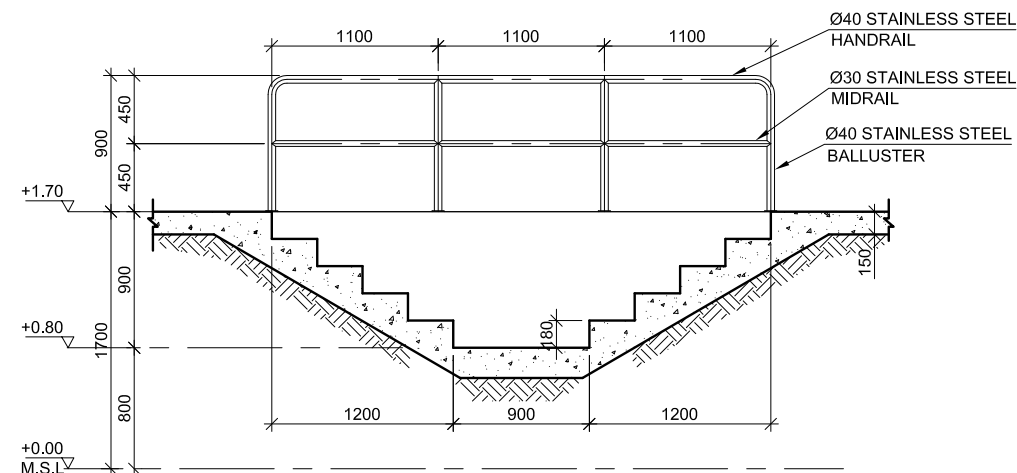
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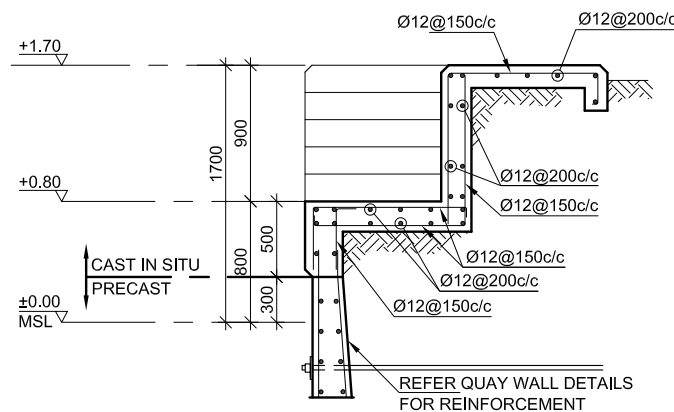
**SECTION-B**  
SCALE 1 : 50



**SECTION-A (REINFORCED)**  
SCALE 1 : 50



**SECTION-A**  
SCALE 1 : 50



**SECTION-B (REINFORCED)**  
SCALE 1 : 50

## DETAILS OF PASSENGER STEPS

### NOTES:

- 1 - ALL DIMENSIONS ARE IN MILLIMETER AND LEVELS ARE IN METER UNLESS OTHERWISE SHOWN
- 2 - PLAIN CEMENT CONCRETE (PCC) SHALL BE OF GRADE C10 (OR 10 N / MM<sup>2</sup> WHEN COMPRESSIVE STRENGTH AT 28 DAYS)
- 3 - REINFORCED CEMENT CONCRETE (RCC) FOR WATER RETAINING STRUCTURE SHALL BE C40 FOR ALL PRECAST AND C35 FOR ALL CAST IN SITU ELEMENTS (COMPRESSIVE STRENGTH AT 28 DAYS)
- 4 - YIELD STRENGTH OF STEEL REINFORCEMENT SHALL BE 460 N / MM<sup>2</sup>
- 5 - ALL STRUCTURE CONCRETE SHALL BE FROM SULPHATE RESISTANT CEMENT

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPRD.

REVISION

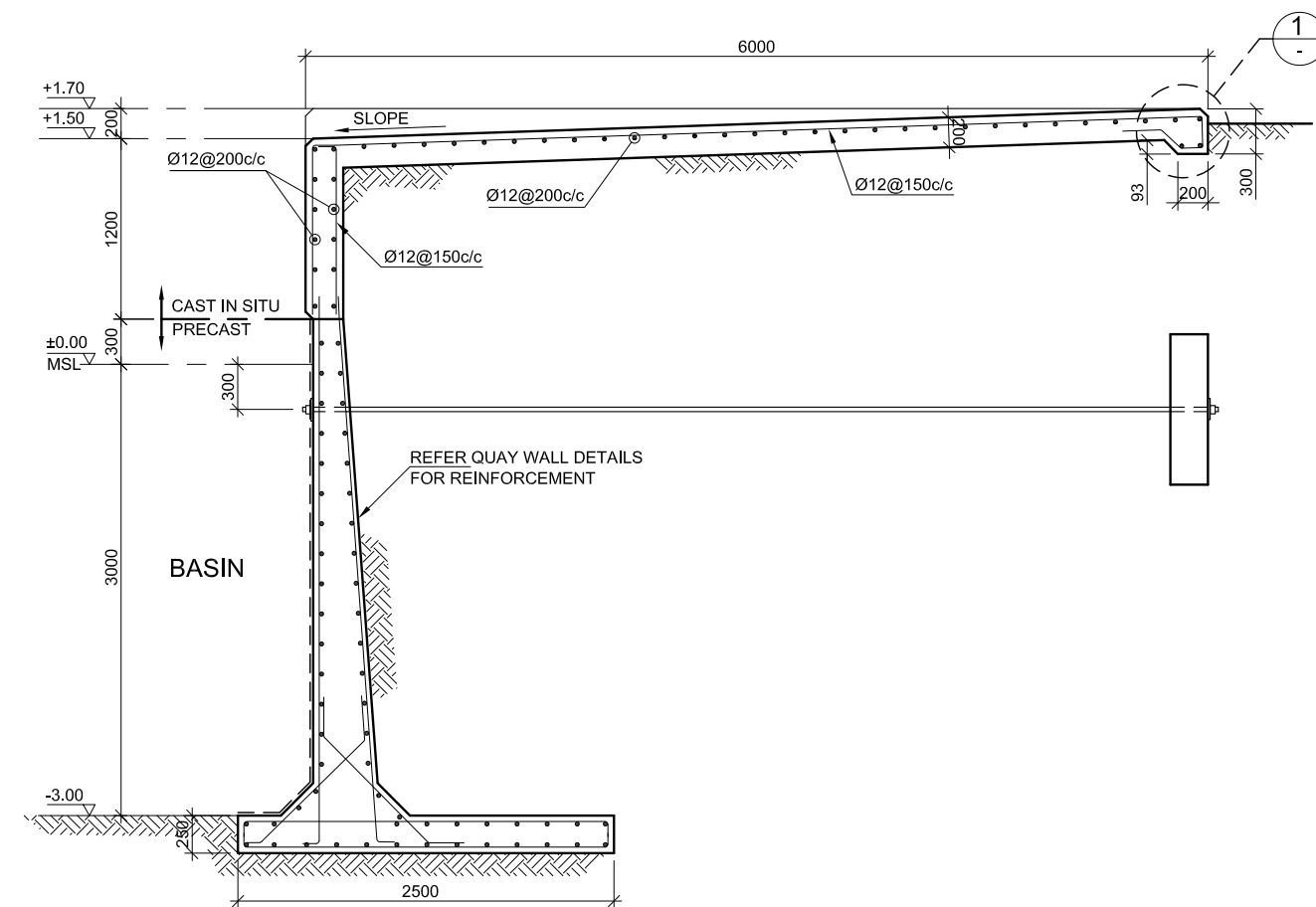
CLIENT  
**MINISTRY OF HOUSING & INFRASTRUCTURE**  
REPUBLIC OF MALDIVES

CONSULTANT:  
**Al-Habshi Consultants Office**  
Tel: 2430103 / 2433131 - Fax: 2431136  
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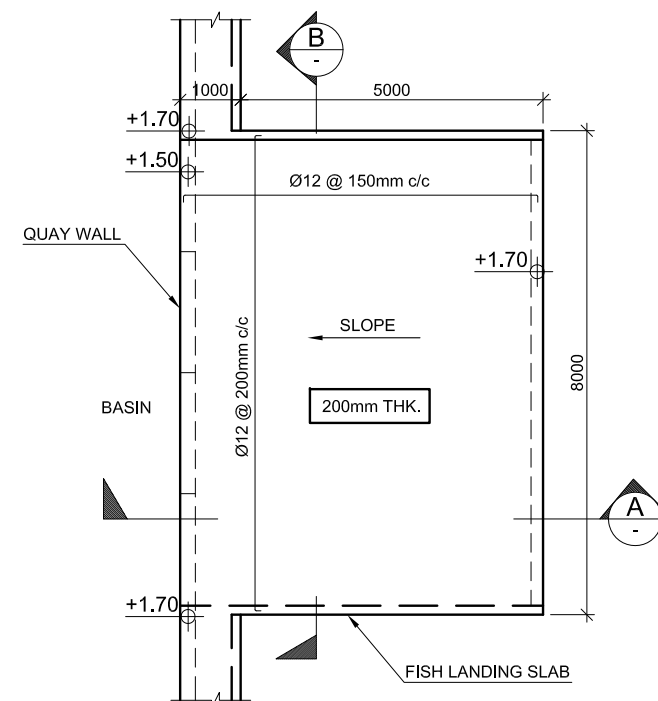
PROJECT:  
**RECONSTRUCTION OF HARBORS**  
**PHASE-2**

DRAWING TITLE:  
**THULUSDHOO HARBOUR**  
**QUAYWALL DETAILS**

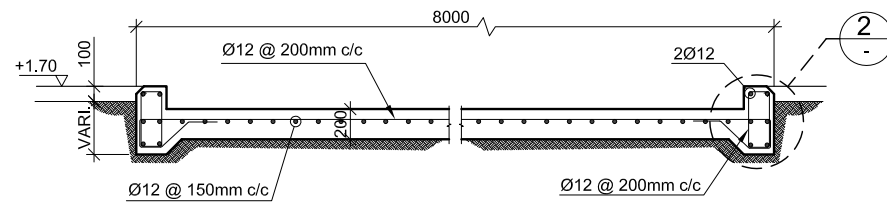
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PROJECT No.	SHEET No.	DRAWING No.  TD-CI-03			
K-601	3 OF 4				
REV. No.	0				



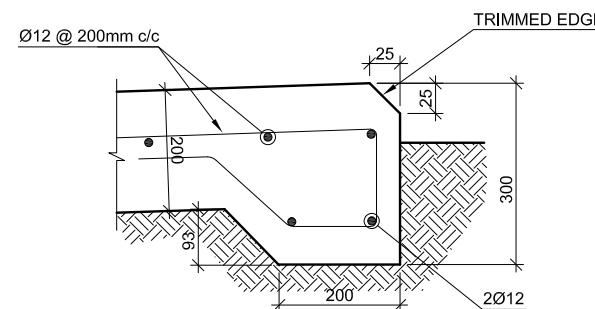
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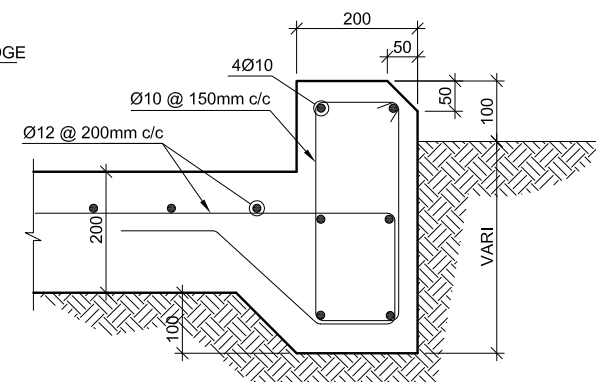
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SCALE 1 : 25



**SECTION-B**  
SCALE 1 : 50



**DETAIL-1**  
SCALE 1 : 10



**DETAIL-2**  
SCALE 1 : 10

## FISH LANDING DETAILS

### NOTES:

REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPRD.

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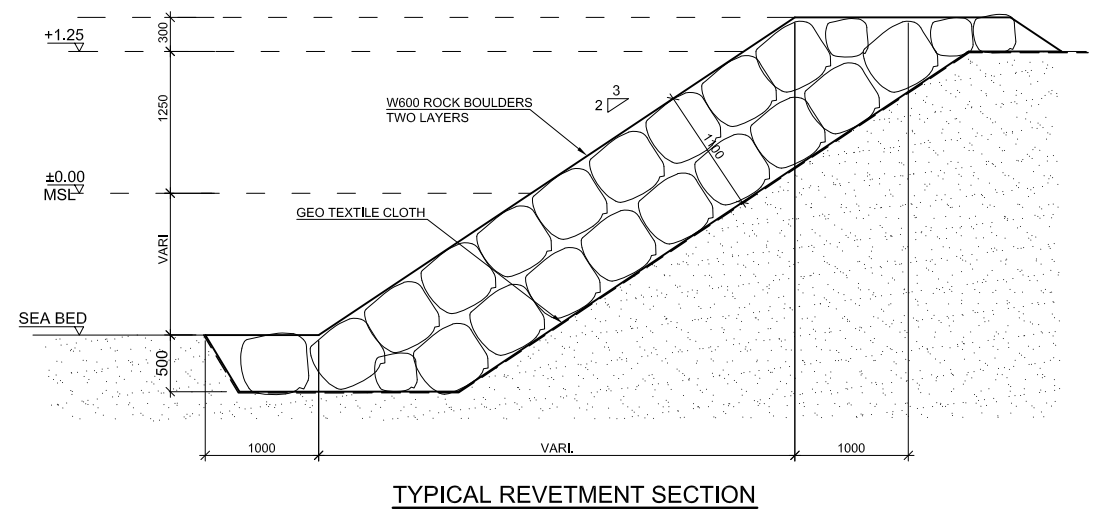
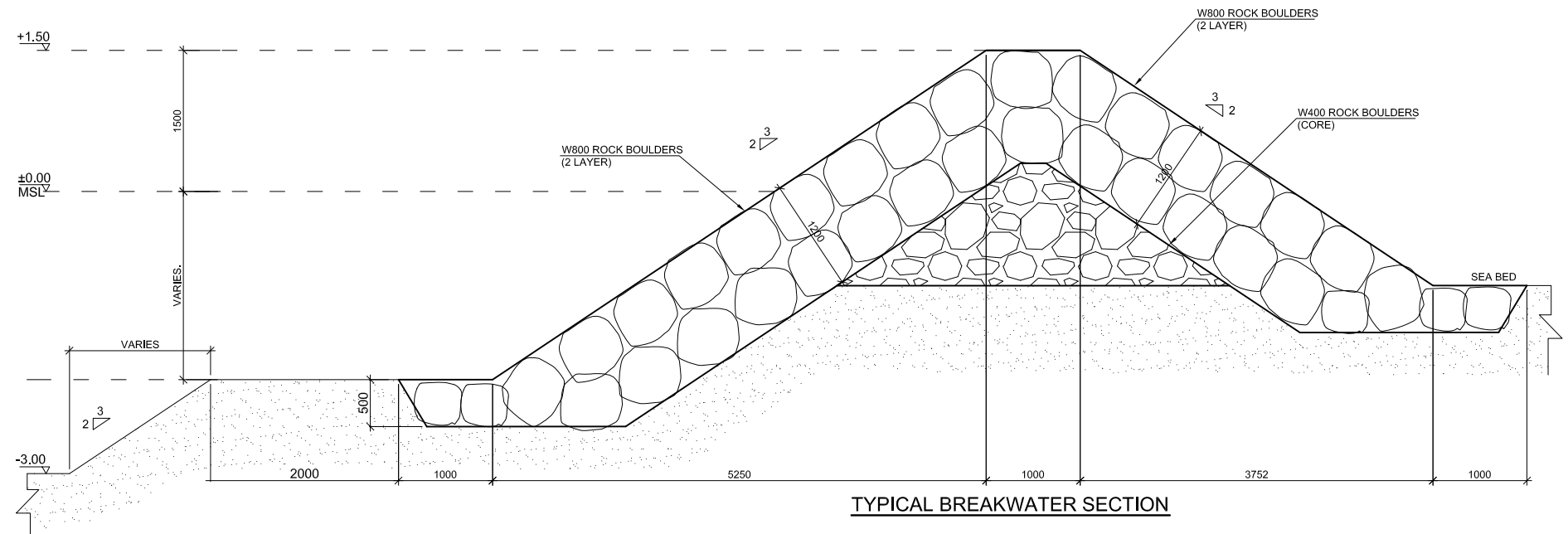
CONSULTANT:  
**Al-Habshi Consultants Office**  
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PROJECT:  
**RECONSTRUCTION OF HARBORS**  
**PHASE-2**

DRAWING TITLE:  
**THULUSDHOO HARBOUR**  
**QUAYWALL DETAILS**

DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
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PROJECT No.	SHEET No.	DRAWING No.			
K-601	4 OF 4	TD-CI-03			
REV. No.	0				





NOTES:


REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPRD.
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REVISION

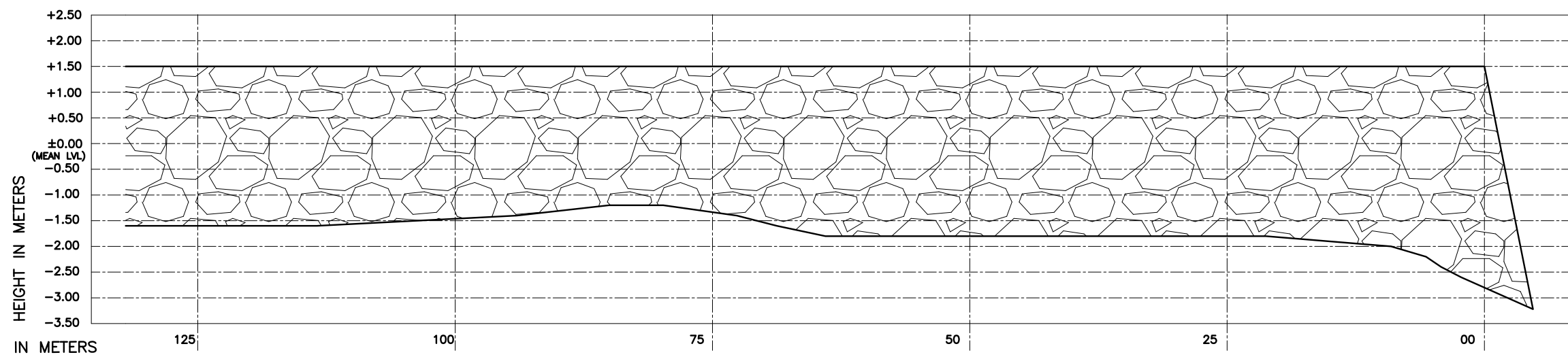
CLIENT  
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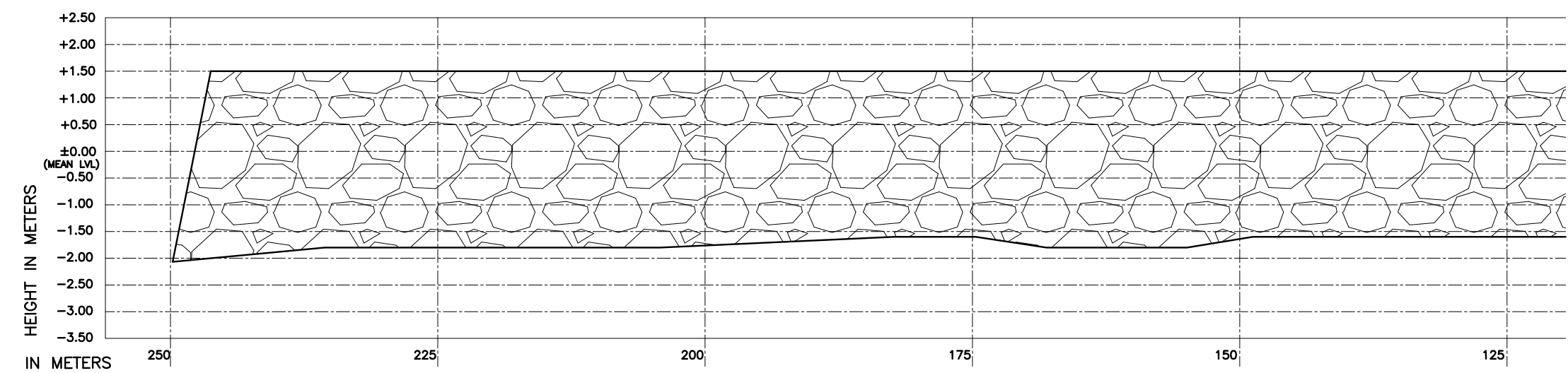
PROJECT:  
**RECONSTRUCTION OF HARBORS**  
**PHASE-2**

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**BREAKWATER DETAILS**

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SS	JP	MS	MA	1 : 50	20-06-'14
PROJECT No.	SHEET No.	DRAWING No.			
K-601	1 OF 2	TD-CI-04			
REV. No.	0				



BREAKWATER PROFILE



BREAKWATER PROFILE

NOTES:


REV.	DATE	DESCRIPTION	DRAWN	CHKD.	APPRD.
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PROJECT:

RECONSTRUCTION OF HARBORS  
PHASE-2

DRAWING TITLE:

THULUSDHOO HARBOUR  
BREAKWATER DETAILS

DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
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PROJECT No.	SHEET No.	DRAWING No.			
K-601	2 OF 2	TD-CI-04			
REV. No.	0				



DESIGNED	DRAWN	CHECKED	APPROVED	SCALE	DATE
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K-601	1 OF 1	TD-CI-05			
REV. No.	0				