

COCHIN PORT AUTHORITY



BID DOCUMENT
FOR
CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND
ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN
KADMATH ISLAND OF LAKSHADWEEP, ON ENGINEERING,
PROCUREMENT AND CONSTRUCTION CONTRACT
BASIS(EPC)

VOLUME III- TENDER DRAWINGS

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PROPOSED BOAT LANDING FACILITY

EXISTING WESTERN JETTY

EXISTING APPROACH TRESTLE

256998.84 E
124174.310 N

PROPOSED APPROACH TRESTLE
75 LONG

PROPOSED WESTERN JETTY
70 LONG & 12 WIDE

PROPOSED WESTERN SIDE DEVELOPMENT

PROPOSED EASTERN SIDE DEVELOPMENT

255982.73 E
1238324.07 N

PROPOSED EASTERN JETTY
360 LONG & 20 WIDE

PROPOSED APPROACH TRESTLE
310 LONG

FOR TENDER PURPOSE ONLY

NOTES:
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2. ALL LEVELS ARE IN METRES AND ARE WITH RESPECT TO CHART DATUM (CD).
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DEPT. OF PORT, SHIPPING AND AVIATION, KAVARATTI - 682555

CLIENT:
COCHIN PORT AUTHORITY
WILLINGTON ISLAND, COCHIN - 682009

DESIGN CONSULTANT:
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RMZ One Paramount, Campus 10
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110, Mount Poonamallee Road,
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REV	DATE	DESCRIPTION	AVI	SRJ	ASA	IAN
A	29/01/25	FOR TENDER				
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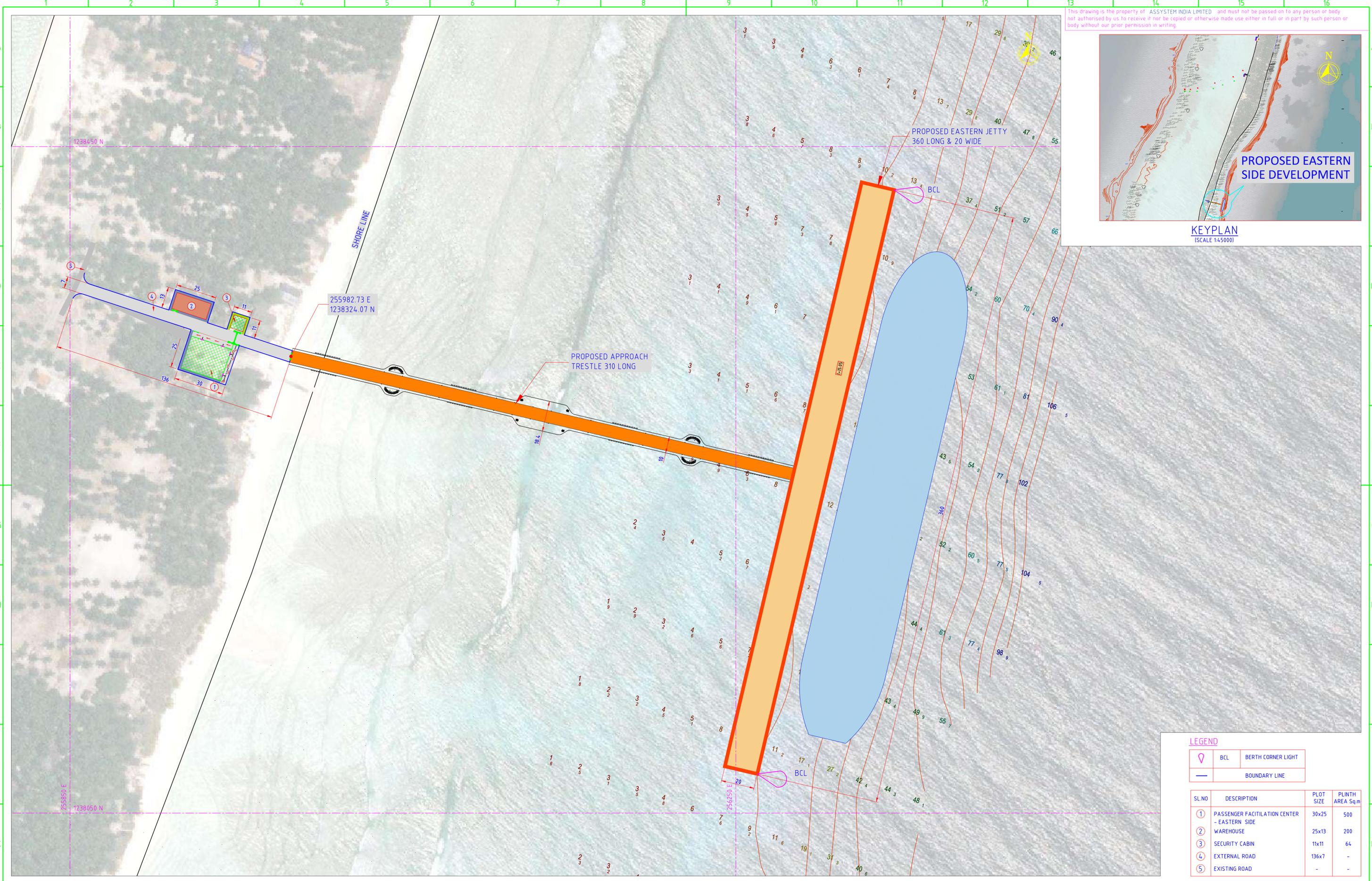
PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS

TITLE: OVERALL LAYOUT OF PROPOSED DEVELOPMENTS IN KADMATH ISLAND

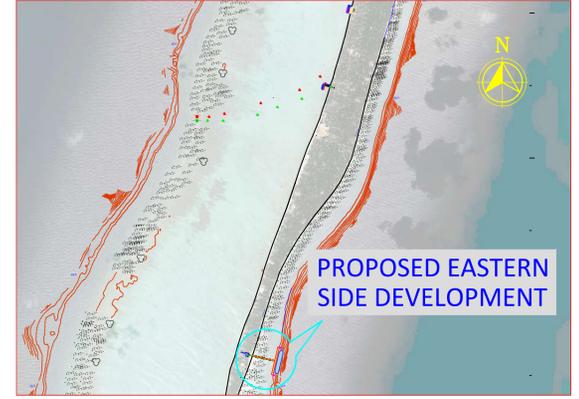
DRAWING NO.: TDG101

SHEET NO. 1 OF 1
SCALE: 1:1000





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KEYPLAN
(SCALE 1:45000)

PLAN
(SCALE 1:1000)

SL.NO	DESCRIPTION	PLOT SIZE	PLINTH AREA Sq.m
1	PASSENGER FACILITATION CENTER - EASTERN SIDE	30x25	500
2	WAREHOUSE	25x13	200
3	SECURITY CABIN	11x11	64
4	EXTERNAL ROAD	136x7	-
5	EXISTING ROAD	-	-

LEGEND	DESCRIPTION
	BCL BERTH CORNER LIGHT
	BOUNDARY LINE

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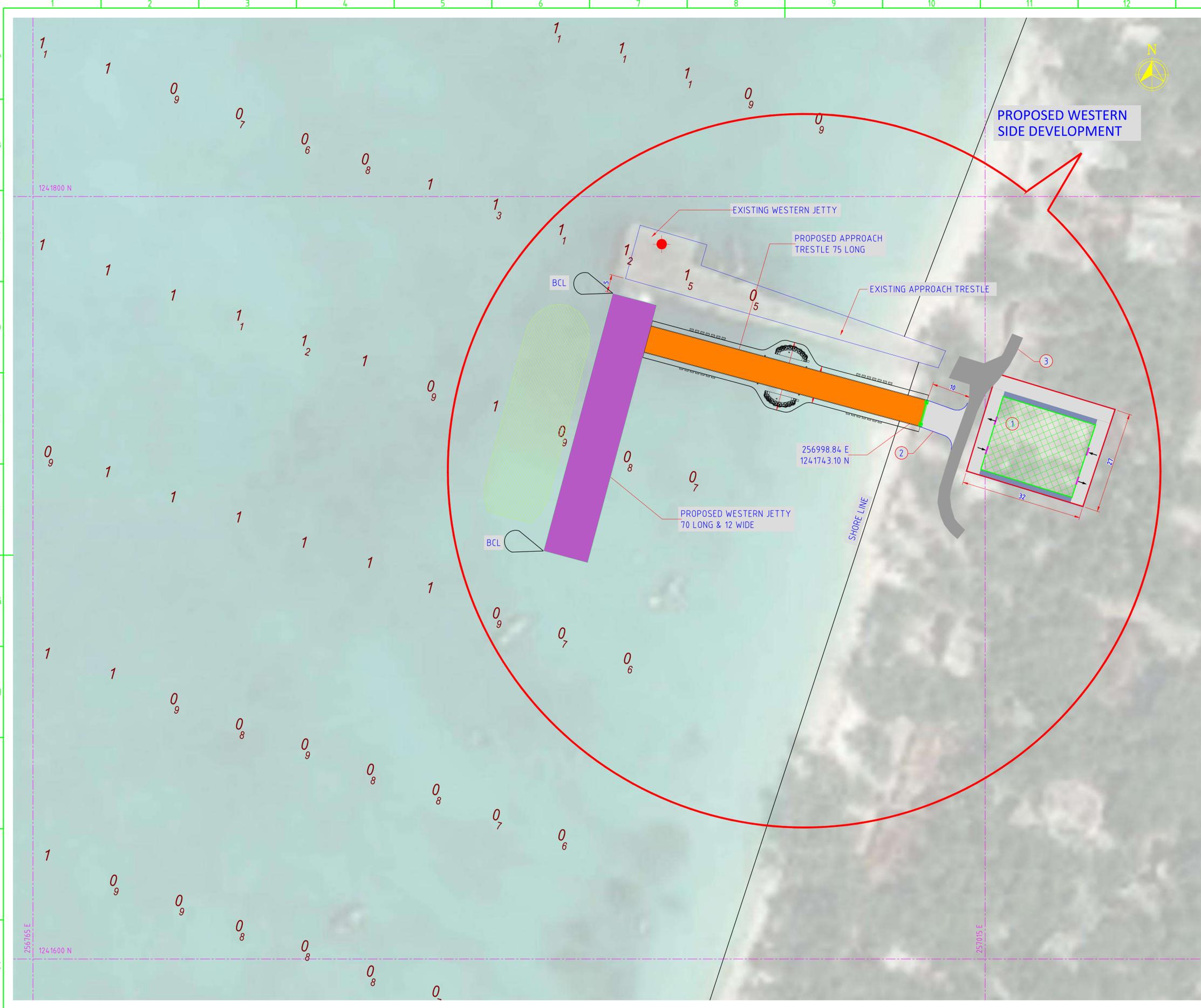
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TITLE: KADMATH EASTERN JETTY DEVELOPMENT PLAN
DRAWING NO.: TDG102
SHEET NO. 1 OF 1
SCALE: AS DRAWN





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PLAN
(SCALE 1:1000)

LEGEND

	BCL	BERTH CORNER LIGHT
	BOUNDARY LINE	

SL NO	DESCRIPTION	PLOT SIZE	PLINTH AREA Sqm
①	PASSENGER FACILITATION CENTER - WESTERN SIDE	32x27	500
②	EXTERNAL ROAD	10x7	-
③	EXISTING ROAD	-	-

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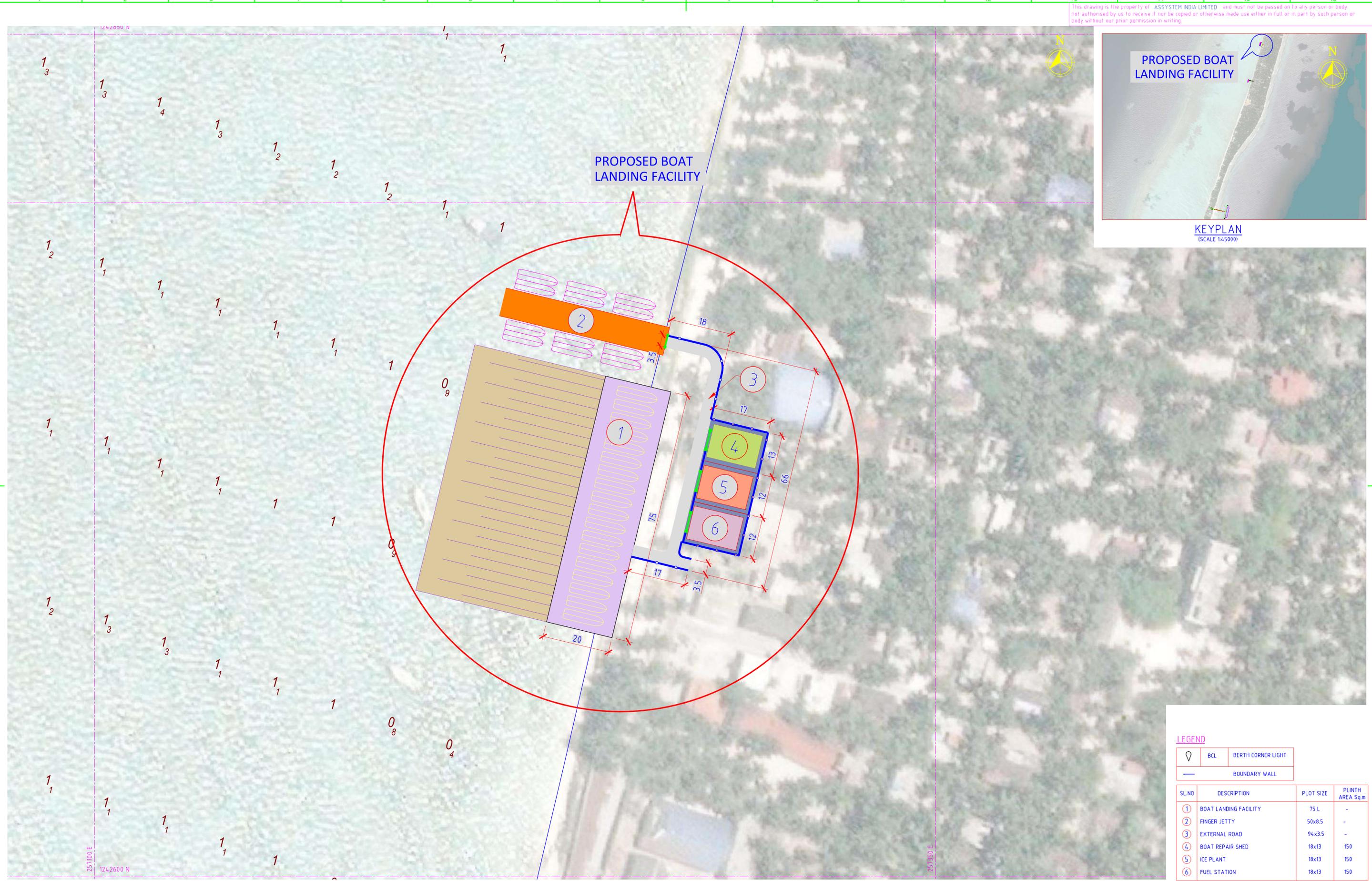
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TITLE: KADMATH WESTERN JETTY DEVELOPMENT PLAN
 DRAWING NO.: TDG103
 SHEET NO.: 1 OF 1
 SIZE: A1
 SCALE: AS DRAWN





PROPOSED BOAT LANDING FACILITY

PLAN
(SCALE 1:1000)

LEGEND

	BCL	BERTH CORNER LIGHT
	BOUNDARY WALL	

SL.NO	DESCRIPTION	PLOT SIZE	PLINTH AREA Sq.m
1	BOAT LANDING FACILITY	75 L	-
2	FINGER JETTY	50x8.5	-
3	EXTERNAL ROAD	94x3.5	-
4	BOAT REPAIR SHED	18x13	150
5	ICE PLANT	18x13	150
6	FUEL STATION	18x13	150

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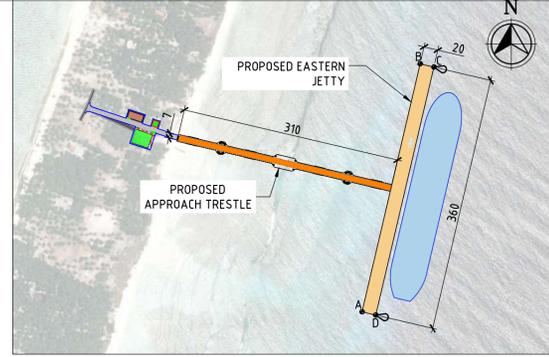
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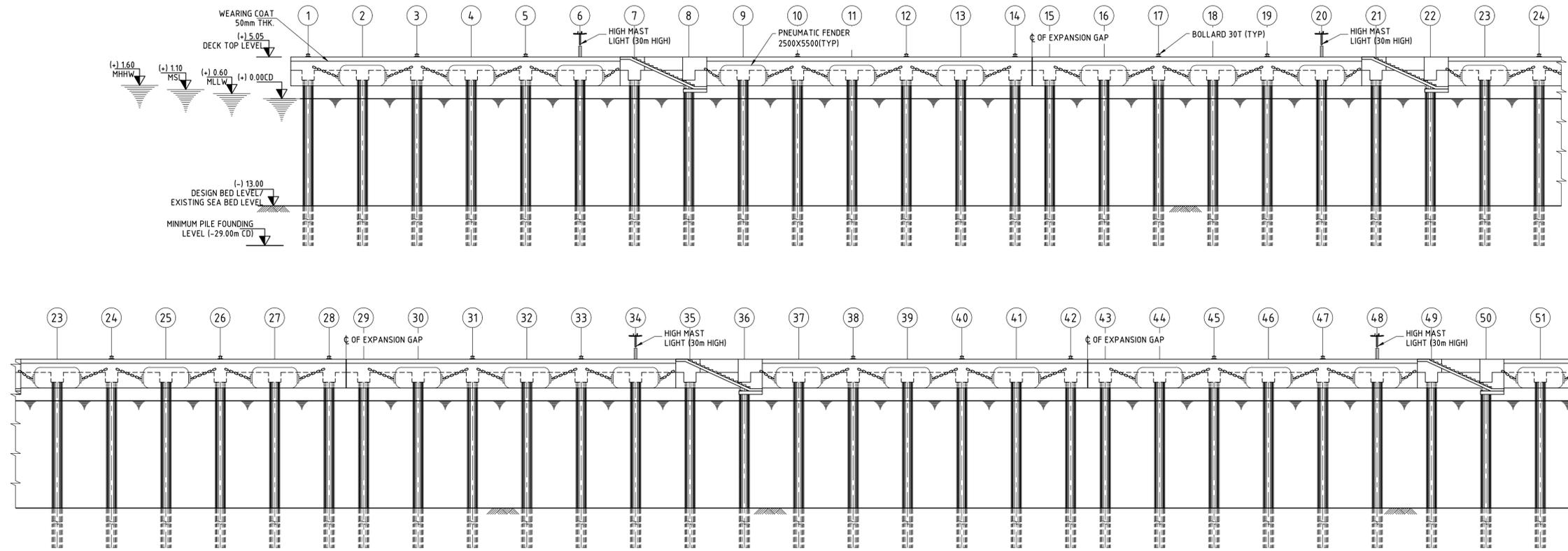
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TITLE:	KADMATH BOAT LANDING FACILITY DEVELOPMENT PLAN
DRAWING NO.:	TDG104
SHEET NO.:	1 OF 1
SIZE:	A1
SCALE:	AS DRAWN



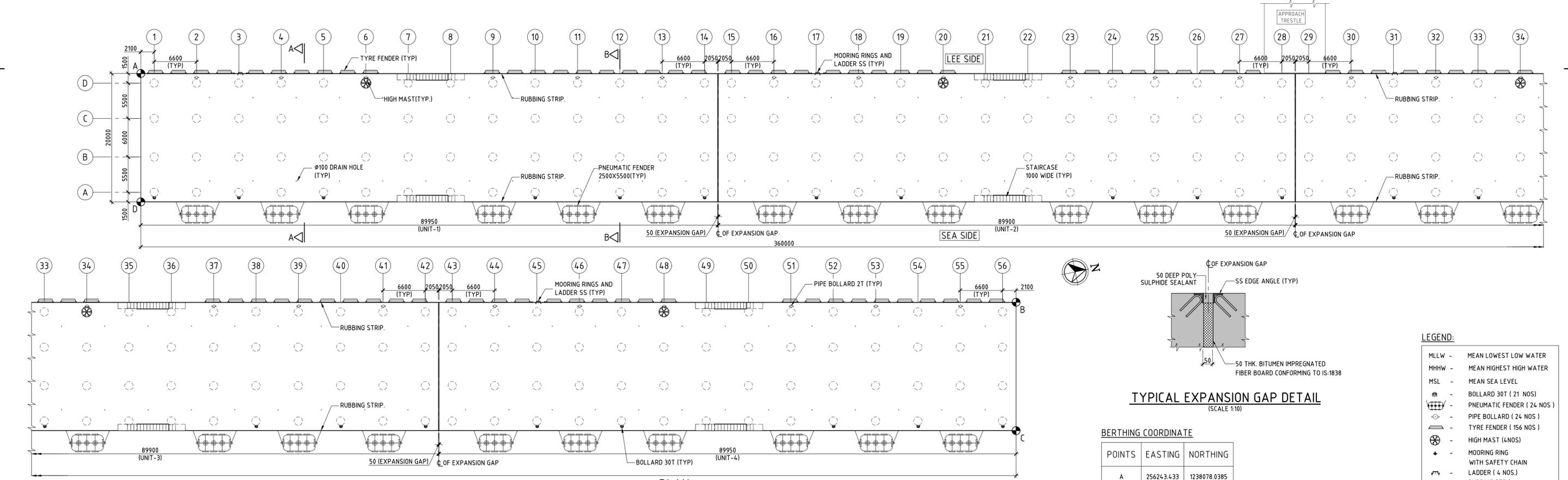
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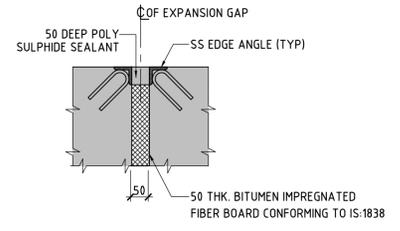
KEYPLAN
(SCALE 1:10000)



ELEVATION
(SCALE 1:300)



PLAN
(SCALE 1:300)



TYPICAL EXPANSION GAP DETAIL
(SCALE 1:10)

BERTHING COORDINATE

POINTS	EASTING	NORTHING
A	256243.433	1238078.0385
B	256325.647	1238428.525
C	256345.119	1238423.957
D	256262.905	1238073.471

LEGEND:

MLLW	-	MEAN LOWEST LOW WATER
MHHW	-	MEAN HIGHEST HIGH WATER
MSL	-	MEAN SEA LEVEL
	-	BOLLARD 30T (21 NOS)
	-	PNEUMATIC FENDER (24 NOS)
	-	PIPE BOLLARD (24 NOS)
	-	TYRE FENDER (156 NOS)
	-	HIGH MAST (4NOS)
	-	MOORING RING WITH SAFETY CHAIN LADDER (4 NOS.)
	-	RUBBING STRIP.

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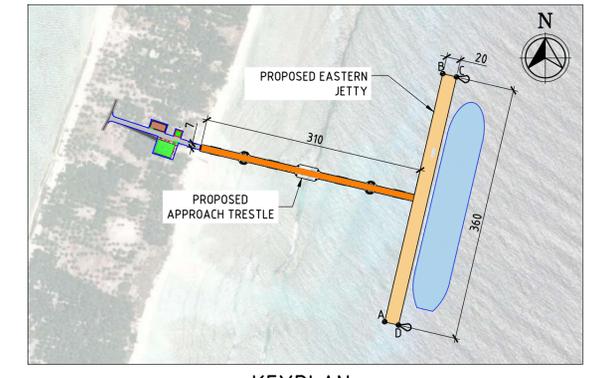
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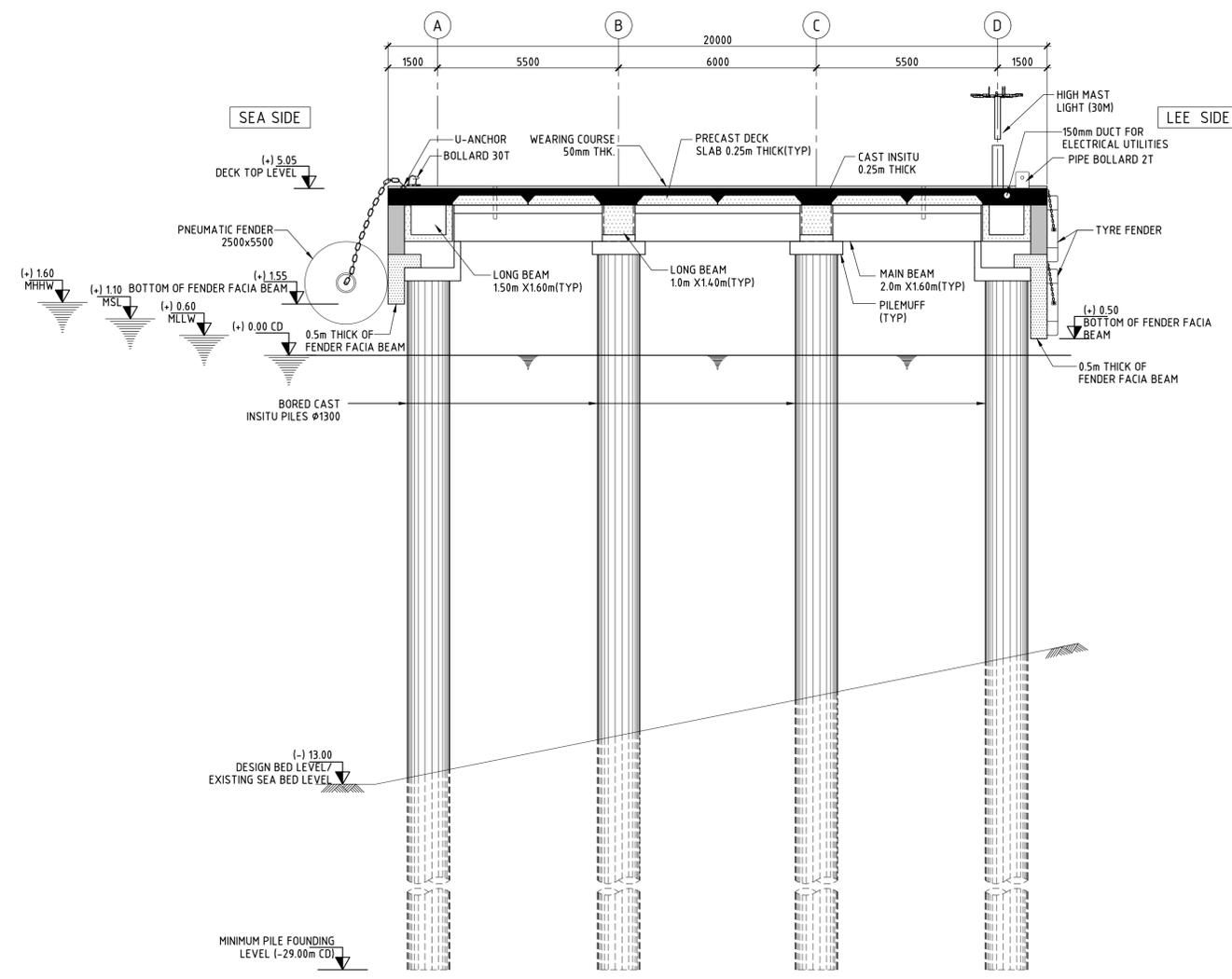
REV.	DATE	DESCRIPTION	FOR TENDER	AST	ADS	IAN	IAN
A	29/01/25						

PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
TITLE: KADMATH EASTERN JETTY GENERAL ARRANGEMENT PLAN, ELEVATION AND SECTIONS
DRAWING NO.: TDG105
SHEET NO.: 1 OF 2
SIZE: A1
SCALE: AS SHOWN

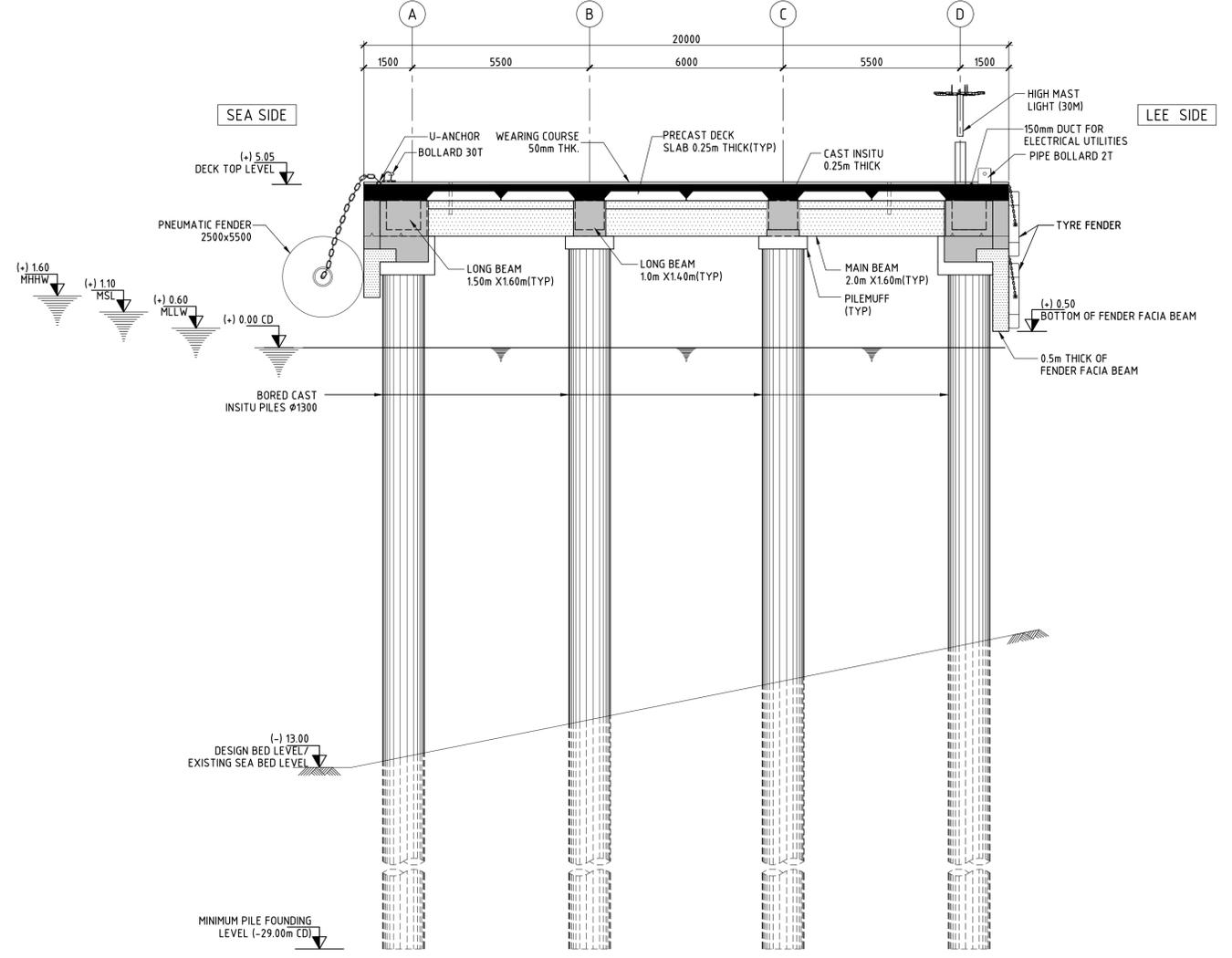




KEYPLAN
(SCALE 1:10000)



SECTION A-A
(SCALE 1:100)



SECTION B-B
(SCALE 1:100)

FOR TENDER PURPOSE ONLY

NOTES:
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2. ALL LEVELS ARE IN METRES AND ARE WITH RESPECT TO CHART DATUM (CD).
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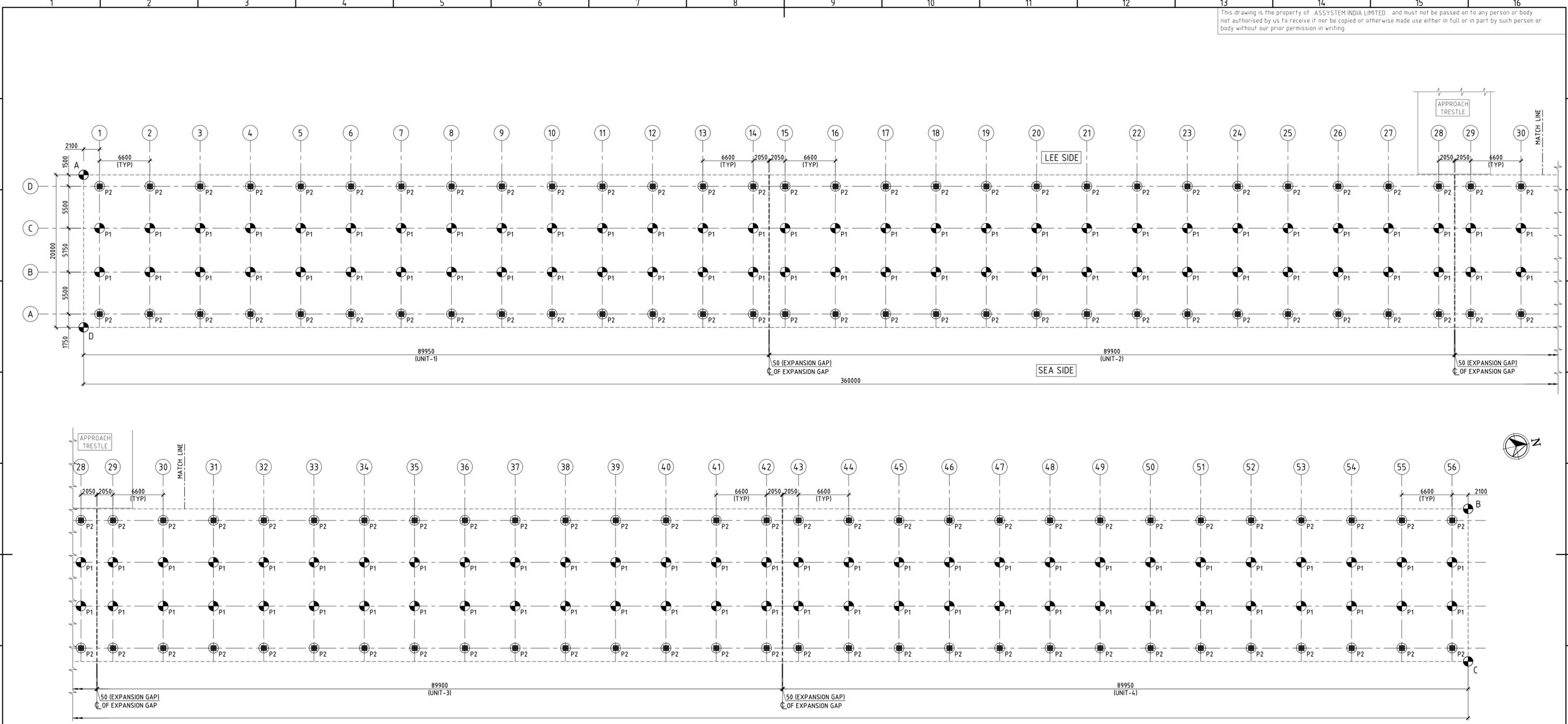
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PROJECT: **CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS**
TITLE: **KADMATH EASTERN JETTY GENERAL ARRANGEMENT - PLAN, ELEVATION & SECTIONS**
DRAWING NO.: TDG106
SHEET NO. 2 OF 2
SIZE A1
SCALE: AS SHOWN





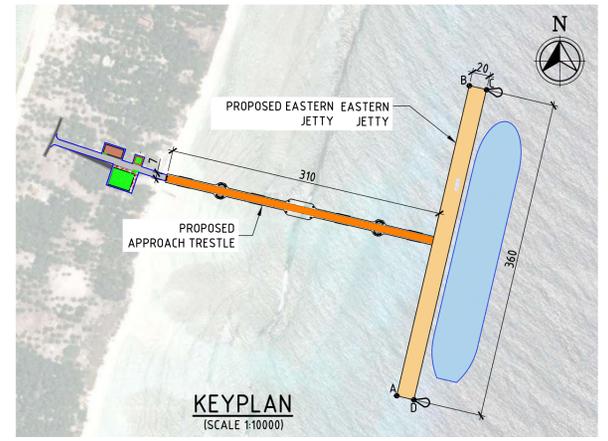
PLAN
(SCALE 1:250)

TABLE-1:

PILE SYMBOL	PILE TYPE	DIAMETER OF PILE	NO. OF PILES				TOTAL NO. OF PILES	MINIMUM PILE FOUNDING LEVEL
			UNIT-I	UNIT-II	UNIT-III	UNIT-IV		
⊙	P1	1300	28	28	28	28	-29.00m CD	
⊗	P2	1300	28	28	28	28	-29.00m CD	

BERTH COORDINATE

POINTS	EASTING	NORTHING
A	256243.433	1238078.0385
B	256325.647	1238428.525
C	256345.119	1238423.957
D	256262.905	1238073.471



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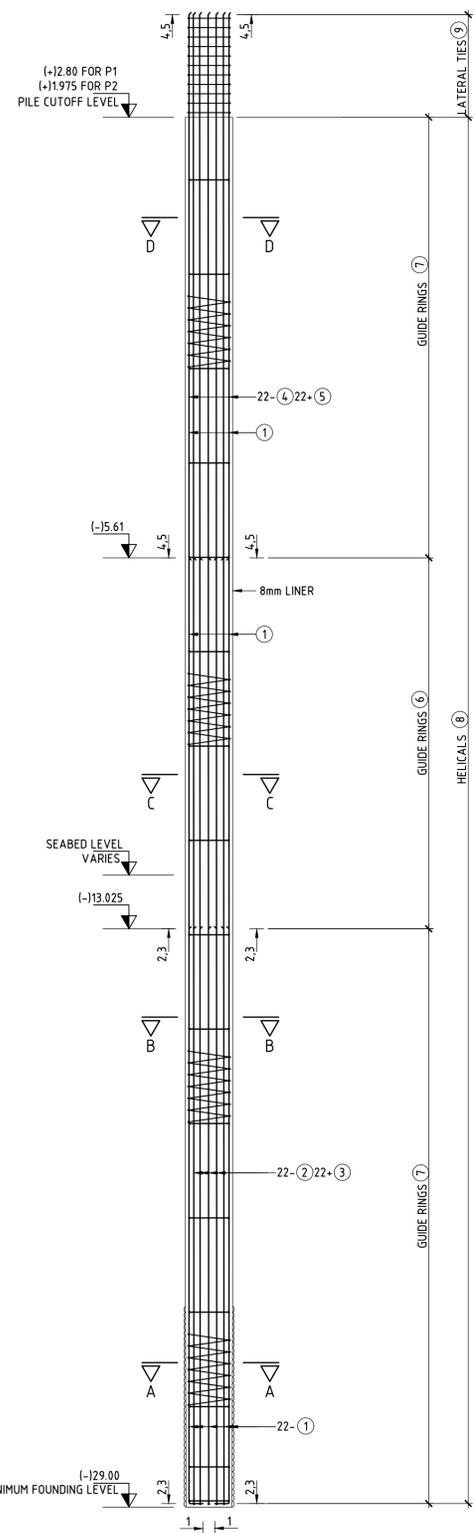
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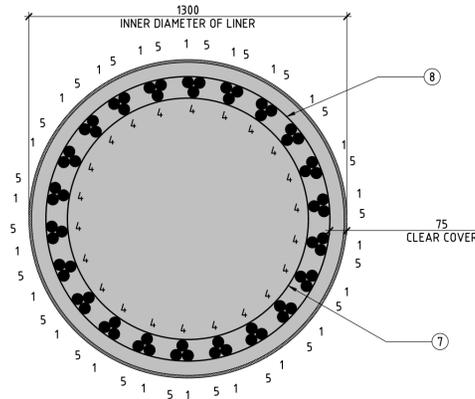
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TITLE: KADMATH EASTERN JETTY LAYOUT OF PILES
DRAWING NO.: TDG107
SHEET NO.: 1 OF 1
SIZE: A1
SCALE: AS SHOWN

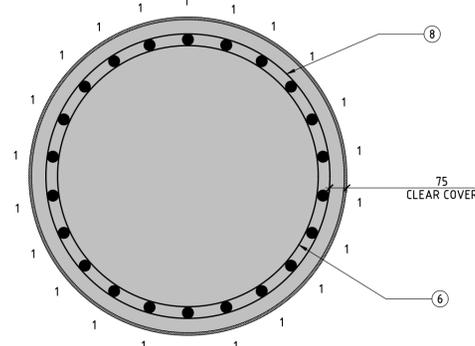




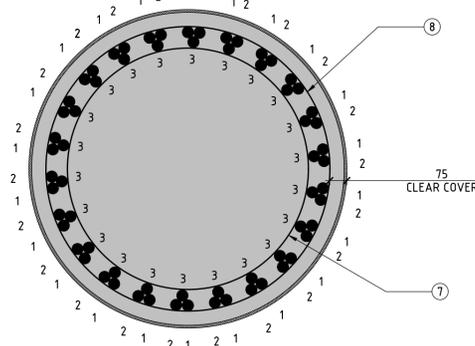
PILE TYPE - P1 & P2
(SCALE - 1/75)



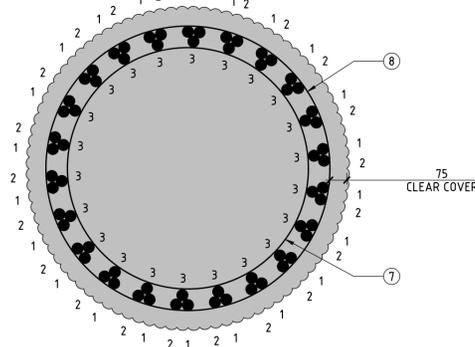
SECTION D-D
(SCALE - 1/10)



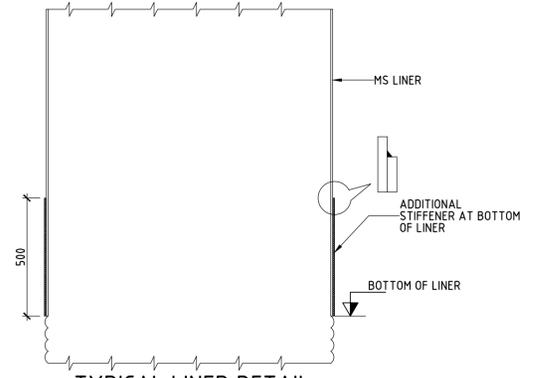
SECTION C-C
(SCALE - 1/10)



SECTION B-B
(SCALE - 1/10)

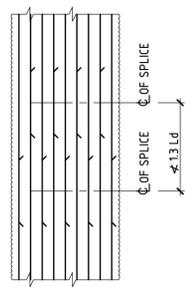


SECTION A-A
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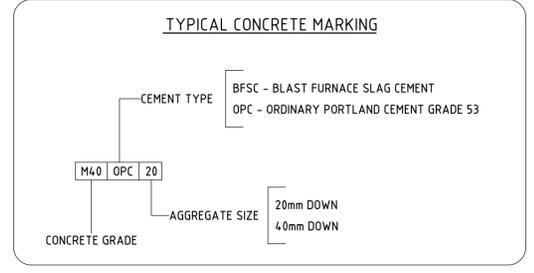
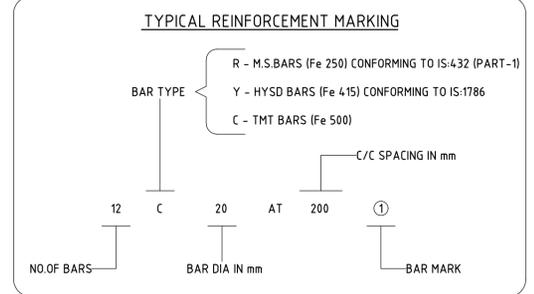


TYPICAL LINER DETAIL
(SCALE - 1/15)
(REINFORCEMENT NOT SHOWN FOR CLARITY)

THE LINER IS PROVIDED TO FACILITATE CONSTRUCTION. THE CONTRACTOR SHALL PROPOSE SUITABLE THICKNESS, STIFFENERS, BOTTOM OF LINER ETC. TO SUIT THE CONSTRUCTION METHODOLOGY AND SITE REQUIREMENTS. 2M BELOW DREDGE LEVEL OR BED LEVEL, WHICHEVER IS LOWER.



TYPICAL DETAIL FOR LAPPING OF BARS
(SCALE - 1/40)



REINFORCEMENT DETAIL

BAR MARK	TYPE/DIA	DIM/SHAPE
①	C25	300
②	C25	
③	C25	
④	C32	
⑤	C25	
⑥	C20 AT 2000	○
⑦	C20 AT 2000	○
⑧	C12 AT 150	⊘
⑨	C12 AT 150	○

P1 & P2

FOR TENDER PURPOSE ONLY

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. GRADE OF CONCRETE SHALL BE M40.
3. ALL LEVELS ARE WITH RESPECT TO CHART DATUM.
4. CLEAR COVER TO OUTERMOST REINFORCEMENT SHALL BE AS SHOWN. ROLLER SPACER BLOCKS SHALL BE PROVIDED ACCORDINGLY.
5. LAP LENGTH SHALL BE IN TIMES DIA OF BAR. ALL LAPS SHALL BE CONSIDERED AS STAGGERED NOT MORE THAN 50% OF THE BARS ARE LAPPED. LAP SLICES SHALL BE CONSIDERED AS STAGGERED BY C/C DISTANCE OF SPICES IS NOT LESS THAN 1.3 TIMES LAP LENGTH IN EXCEPTIONAL CASES WHERE MORE THAN 50% OF BARS ARE TO BE LAPPED IN ANY ONE CROSS SECTION THE LAP LENGTH SHALL BE INCREASED BY A FACTOR OF 1.3. LAP LENGTH SHALL BE INCREASED BY A FACTOR OF 1.1 FOR TWO BARS BUNDLED AND BY A FACTOR OF 1.2 FOR THREE BARS BUNDLED.

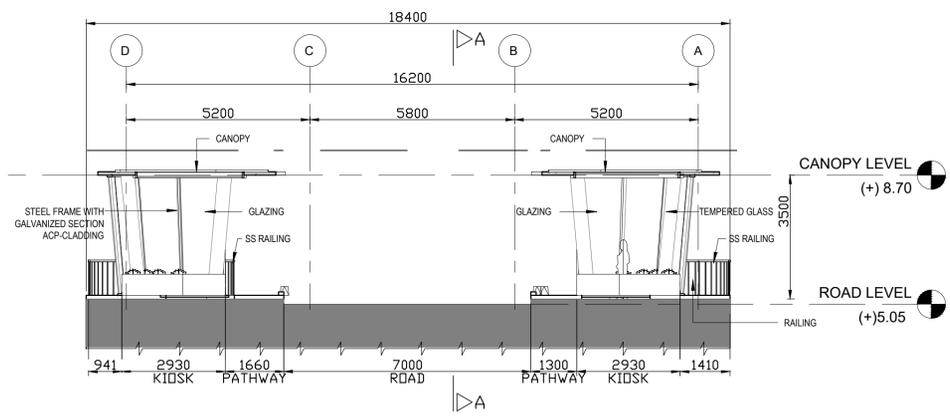
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DEPT. OF LAKSHADWEEP ADMINISTRATION
DEPT. OF PORT, SHIPPING AND AVIATION,
KAVARATTI - 682555

CLIENT:
COCHIN PORT AUTHORITY
WILLINGTON ISLAND,
COCHIN - 682009

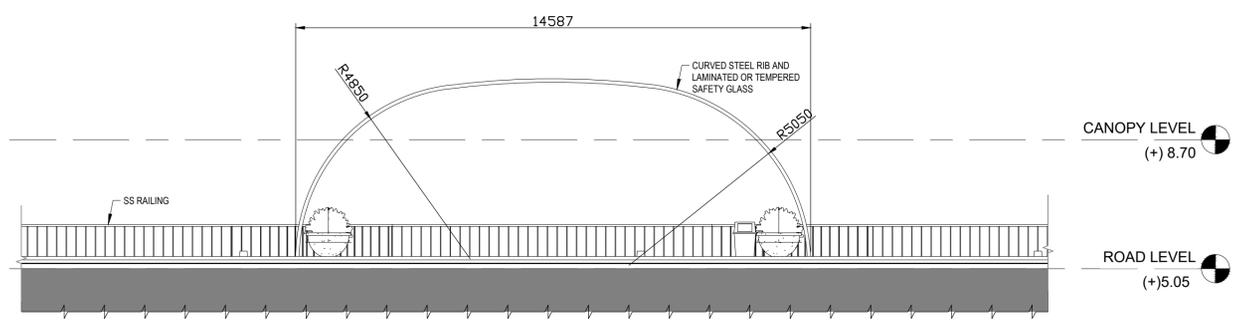
DESIGN CONSULTANT:
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RMZ One Paramount, Campus 10
5th Floor, Unit No.502
110, Mount Poonamallee Road,
Porur, Chennai - 600116

REV.	DATE	DESCRIPTION	FOR TENDER	AST	ADS	IAN	IAN
A	29/01/25						

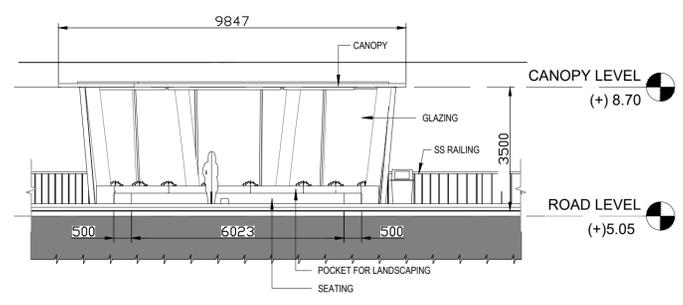
PROJECT: **CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS**
TITLE: **KADMATH EASTERN JETTY RC DETAIL OF PILES - P1 & P2**
DRAWING NO.: **TDG108**
SHEET NO. 1 OF 1
SCALE: AS SHOWN



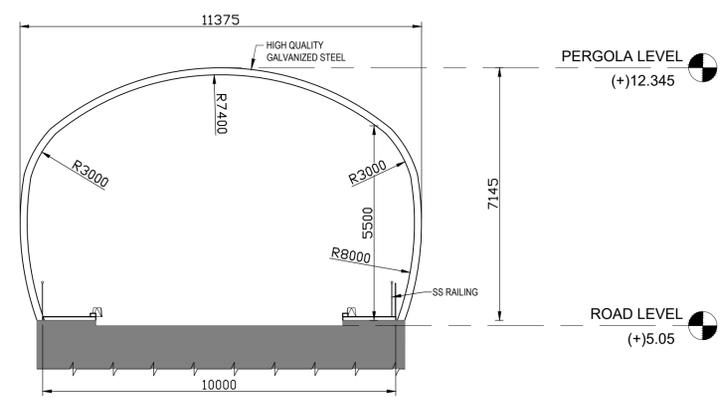
KIOSK - ELEVATION



VIEWING DECK SECTION



SECTION A-A



PERGOLA SECTION

FOR TENDER PURPOSE ONLY

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. ALL LEVELS ARE IN METRES.

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UT OF LAKSHADWEEP ADMINISTRATION
DEPT OF PORT, SHIPPING AND AVIATION,
KAVARATTI - 682555

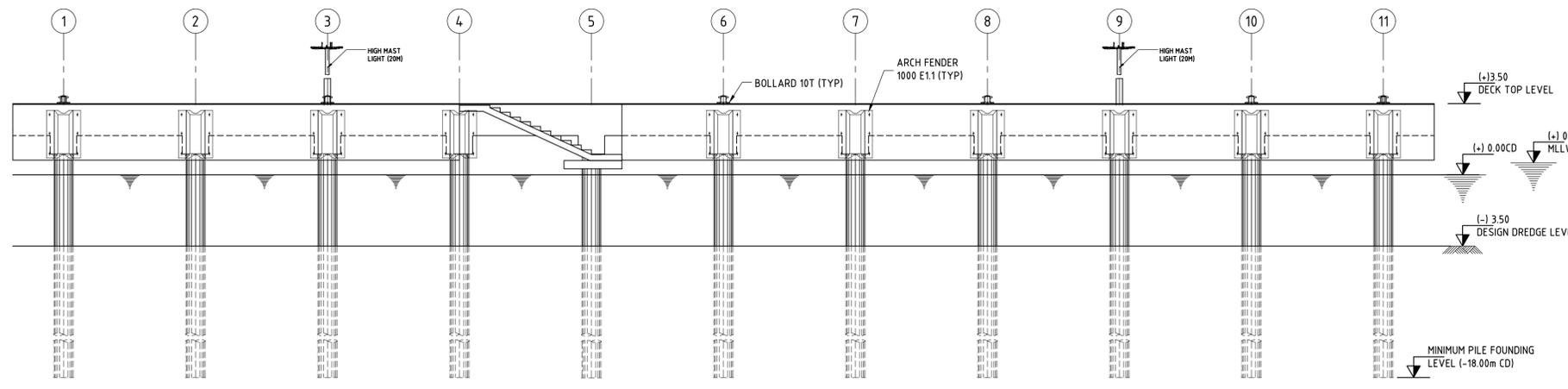
CLIENT:
COCHIN PORT AUTHORITY
WILLINGDON ISLAND,
COCHIN - 682009

DESIGN CONSULTANT:
ASSYSTEM INDIA LIMITED
RMZ One Paramount, Campus 10
5th Floor, Unit No.502
110, Mount Poonamallee Road,
Porur, Chennai - 600116

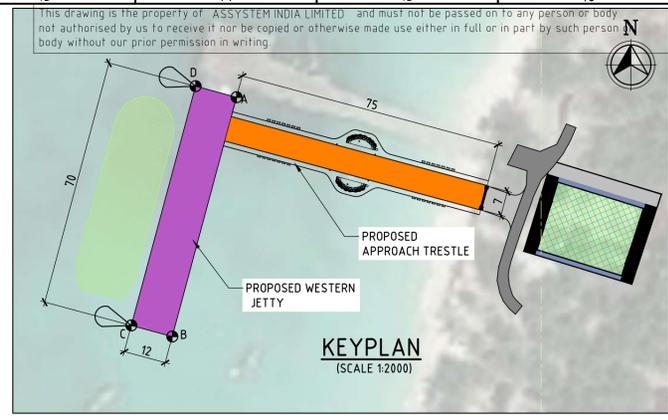
REV.	DATE	DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED
A	28/01/25	FOR TENDER	DAR	SRJ	ASA	IAN

PROJECT: **CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS**
TITLE: **KADMATH EASTERN APPROACH TRESTLE-GENERAL ARRANGEMENT**
DRAWING NO.: **TDG109**
SHEET NO. **2 OF 2** SIZE **A1**
SCALE: **1:100**

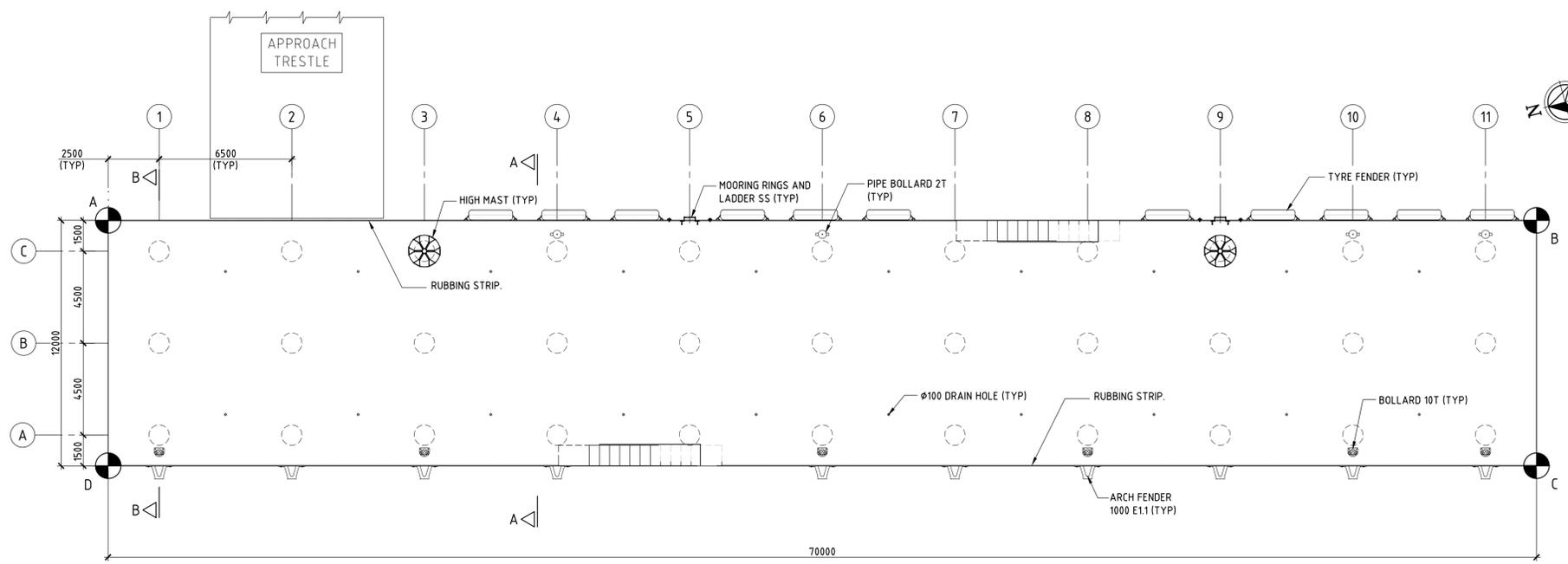




ELEVATION
(SCALE 1:150)



KEYPLAN
(SCALE 1:2000)



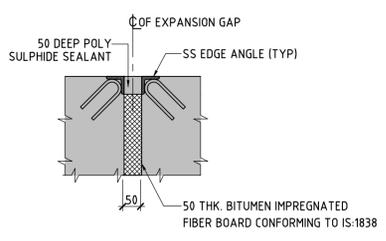
PLAN
(SCALE 1:150)

LEGEND:

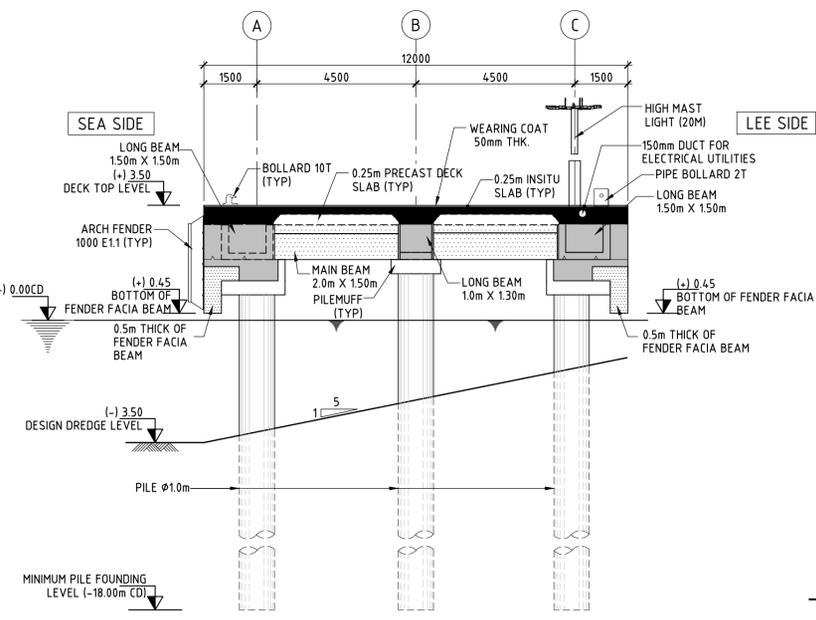
- MLLW - MEAN LOWEST LOW WATER
- MHHW - MEAN HIGHEST HIGH WATER
- MSL - MEAN SEA LEVEL
- [Symbol] - BOLLARD 30T (6 NOS)
- [Symbol] - ARCH FENDER (10 NOS)
- [Symbol] - PIPE BOLLARD (4 NOS)
- [Symbol] - TYRE FENDER (11 NOS)
- [Symbol] - HIGH MAST (2NOS)
- [Symbol] - MOORING RING WITH SAFETY CHAIN LADDER (2 NOS.)
- [Symbol] - RUBBING STRIP.

BERTHING COORDINATE

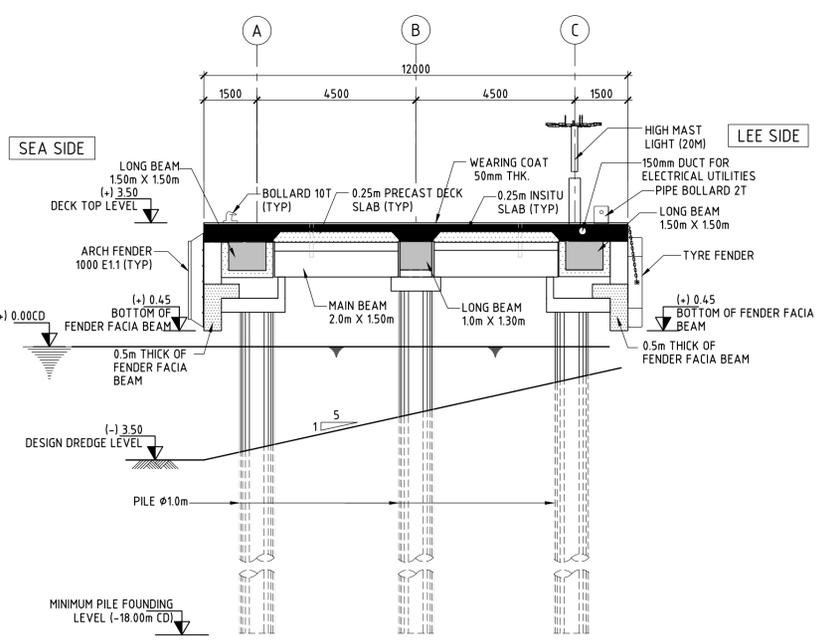
POINTS	EASTING	NORTHING
A	256928.819	12417715.13
B	256910.638	1241703.916
C	256899.049	1241707.032
D	256917.230	1241774.630



TYPICAL EXPANSION GAP DETAIL
(SCALE 1:10)



SECTION B-B
(SCALE 1:100)



SECTION A-A
(SCALE 1:100)

FOR TENDER PURPOSE ONLY

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND ARE WITH RESPECT TO CHART DATUM (CD).
ALL COORDINATES ARE GIVEN IN METRES REFERRED TO UNIVERSAL TRANSVERSE MERCATOR (UTM) PROJECTION, SPHEROID (WGS 1984), ZONE 43.

OWNER:
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DEPT. OF LAKSHADWEEP ADMINISTRATION
DEPT. OF PORT, SHIPPING AND AVIATION,
KAVARATTI - 682555

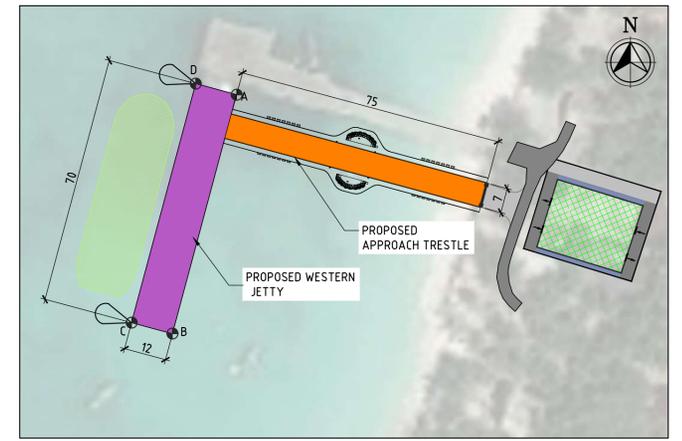
CLIENT:
COCHIN PORT AUTHORITY
WILLINGTON ISLAND,
COCHIN - 682009

DESIGN CONSULTANT:
ASSYSTEM INDIA LIMITED
RMZ One Paramount, Campus 10
5th Floor, Unit No.502
110, Mount Poonamallee Road,
Purur, Chennai - 600116

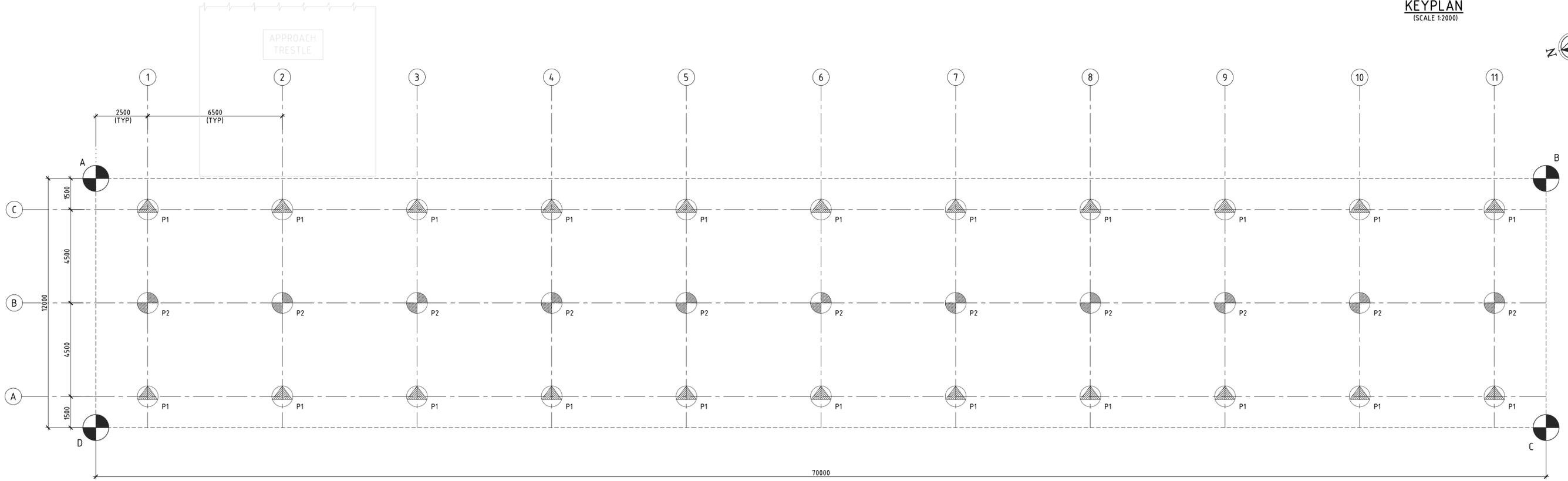
REV	DATE	DESCRIPTION	FOR TENDER	AST	ADS	IAN	IAN
A	29/01/25						

PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
TITLE: KADMATH WESTERN JETTY GENERAL ARRANGEMENT - PLAN, ELEVATION & SECTIONS
DRAWING NO: TDG110
SHEET NO. 1 OF 1
SCALE: AS SHOWN

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KEYPLAN
(SCALE 1:2000)



PLAN
(SCALE 1:150)

BERTHING COORDINATE

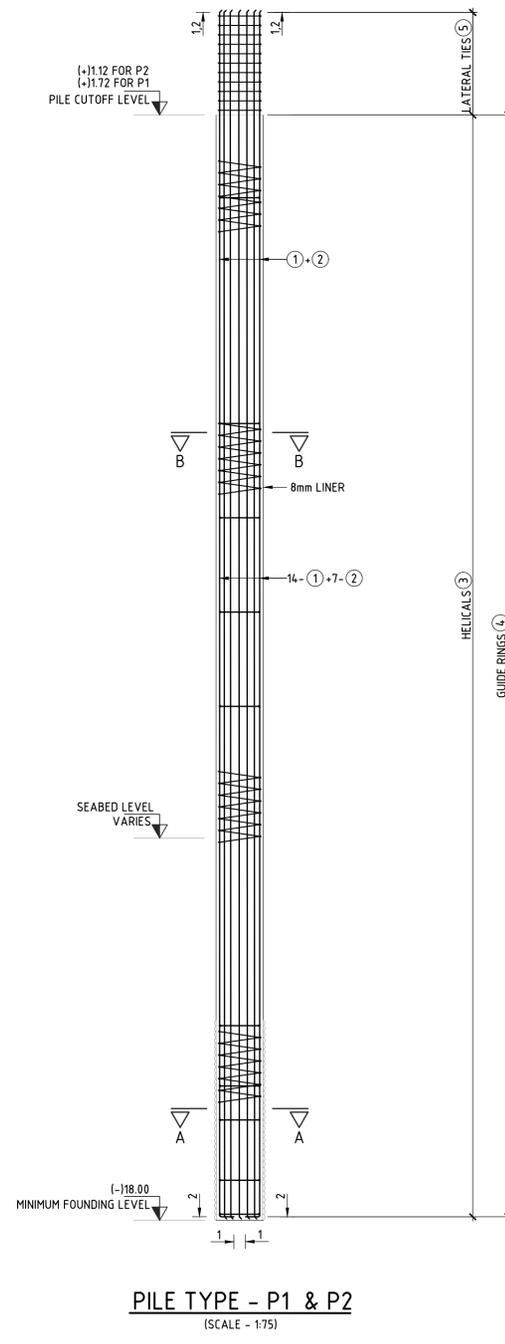
POINTS	EASTING	NORTHING
A	256928.819	1241771.513
B	256910.638	1241703.916
C	256899.049	1241707.032
D	256917.230	1241774.630

TABLE-1:

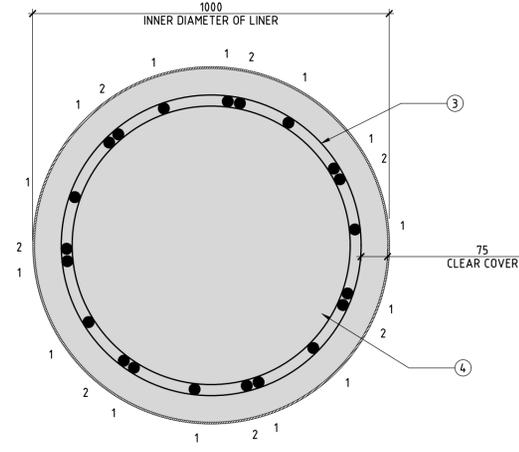
PILE SYMBOL	PILE TYPE	DIAMETER OF PILE	NO. OF PILES	TOTAL	MINIMUM PILE FOUNDING LEVEL
			UNIT-I	NO. OF PILES	
	P1	1000	22	22	-18.00m CD
	P2	1000	11	11	-18.00m CD

FOR TENDER PURPOSE ONLY

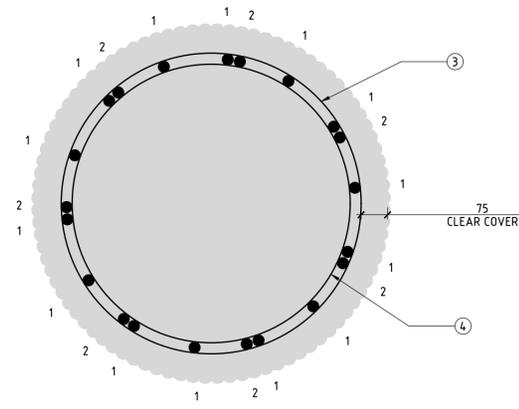
<p>NOTES:</p> <p>1. ALL DIMENSIONS ARE IN MILLIMETRES.</p>	<p>OWNER:</p> <p>UNION TERRITORY OF LAKSHADWEEP ADMINISTRATION</p> <p>UT OF LAKSHADWEEP ADMINISTRATION</p> <p>DEPT. OF PORT, SHIPPING AND AVIATION,</p> <p>KAVARATTI - 682555</p>	<p>CLIENT:</p> <p>COCHIN PORT AUTHORITY</p> <p>WILLINGDON ISLAND,</p> <p>COCHIN - 682009</p>	<p>DESIGN CONSULTANT:</p> <p>ASSYSTEM INDIA LIMITED</p> <p>RMZ One Paramount, Campus 10</p> <p>5th Floor, Unit No.502</p> <p>110, Mount Poonamallee Road,</p> <p>Porur, Chennai - 600116</p>	<p>PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS</p>	<p>TITLE:</p> <p>KADMATH WESTERN JETTY LAYOUT OF PILES</p>	<p>SHEET NO. 1 OF 1</p> <p>SIZE A1</p>
				<p>DRAWING NO.: TDG111</p>	<p>SCALE: AS SHOWN</p>	
<p>REV. DATE</p> <p>A 29/01/25</p>	<p>FOR TENDER DESCRIPTION</p>	<p>AST</p>	<p>ADS</p>	<p>IAN</p>	<p>IAN</p>	<p>plot scale 50mm</p>



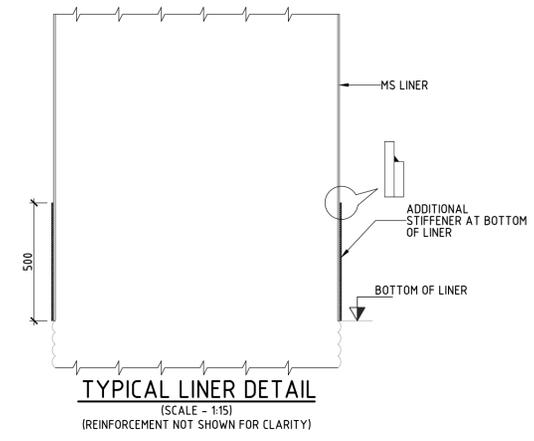
PILE TYPE - P1 & P2
(SCALE - 1:75)



SECTION B-B
(SCALE - 1:15)

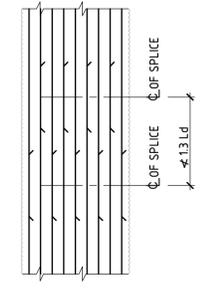


SECTION A-A
(SCALE - 1:15)

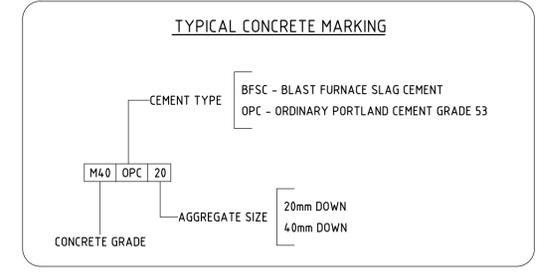
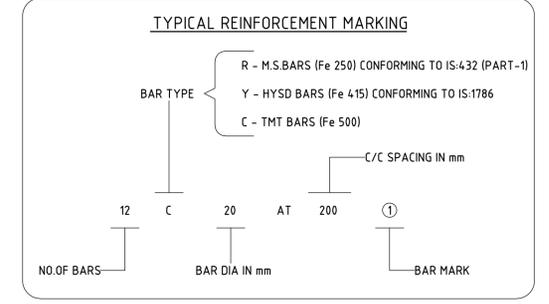


TYPICAL LINER DETAIL
(SCALE - 1:15)
(REINFORCEMENT NOT SHOWN FOR CLARITY)

THE LINER IS PROVIDED TO FACILITATE CONSTRUCTION. THE CONTRACTOR SHALL PROPOSE SUITABLE THICKNESS, STIFFENERS, BOTTOM OF LINER ETC., TO SUIT THE CONSTRUCTION METHODOLOGY AND SITE REQUIREMENTS. 2M BELOW DREDGE LEVEL OR BED LEVEL, WHICHEVER IS LOWER.



TYPICAL DETAIL FOR LAPPING OF BARS
(SCALE - 1:40)



REINFORCEMENT DETAIL

BAR MARK	TYPE/DIA	DIM/SHAPE
①	C25	└┘ 300
②	C20	
③	C12 AT 150	⊞ 150
④	C12 AT 2000	○
⑤	C12 AT 150	○

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. GRADE OF CONCRETE SHALL BE M40.
3. ALL LEVELS ARE WITH RESPECT TO CHART DATUM.
4. CLEAR COVER TO SUBMERGED REINFORCEMENT SHALL BE AS SHOWN. ROLLER SPACER BLOCKS SHALL BE PROVIDED ACCORDINGLY.
5. LAP LENGTH SHALL BE IN TIMES DIA OF BAR. ALL LAPS SHALL BE CONSIDERED AS STAGGERED NOT MORE THAN 50% OF THE BARS ARE LAPPED. LAP SPACES SHALL BE CONSIDERED AS STAGGERED IF C/C DISTANCE OF SPACES IS NOT LESS THAN 1.3 TIMES LAP LENGTH. IN EXCEPTIONAL CASES WHERE MORE THAN 50% OF BARS ARE TO BE LAPPED IN ANY ONE CROSS SECTION THE LAP LENGTH SHALL BE INCREASED BY A FACTOR OF 1.3. LAP LENGTH SHALL BE INCREASED BY A FACTOR OF 1.1 FOR TWO BARS BUNDLED AND BY A FACTOR OF 1.2 FOR THREE BARS BUNDLED.

OWNER:
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DEPT. OF PORT, SHIPPING AND AVIATION,
KAVARATTI - 682555

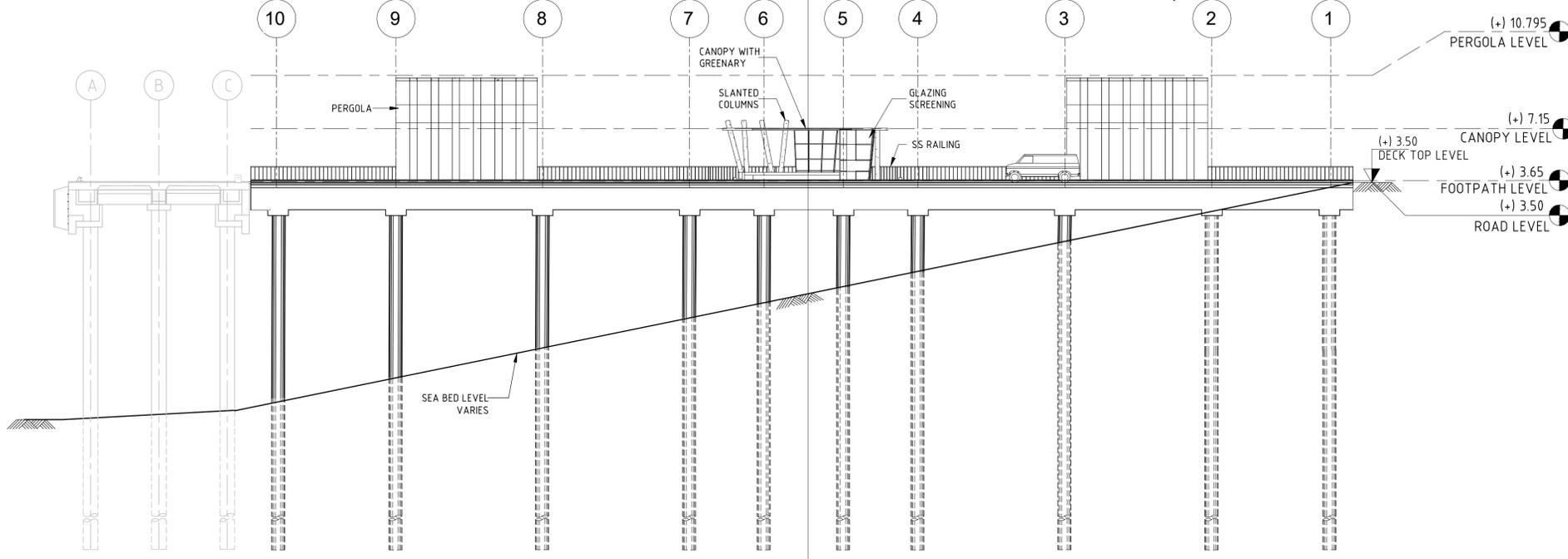
CLIENT:
COCHIN PORT AUTHORITY
WILLINGDON ISLAND,
COCHIN - 682009

DESIGN CONSULTANT:
ASSYSTEM INDIA LIMITED
RMZ One Paramount, Campus 10
5th Floor, Unit No.502
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Porur, Chennai - 600116

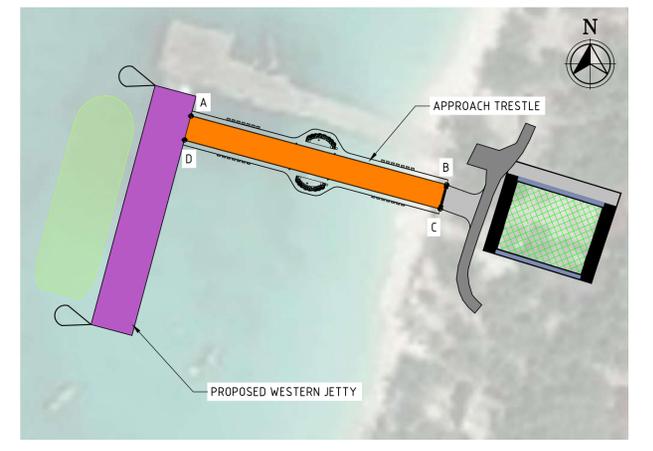
PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
TITLE: KADMATH WESTERN JETTY RC DETAIL OF PILES - P1 & P2
DRAWING NO.: TDG112
SHEET NO. 1 OF 1
SIZE A1
SCALE: AS SHOWN

P1 & P2
FOR TENDER PURPOSE ONLY

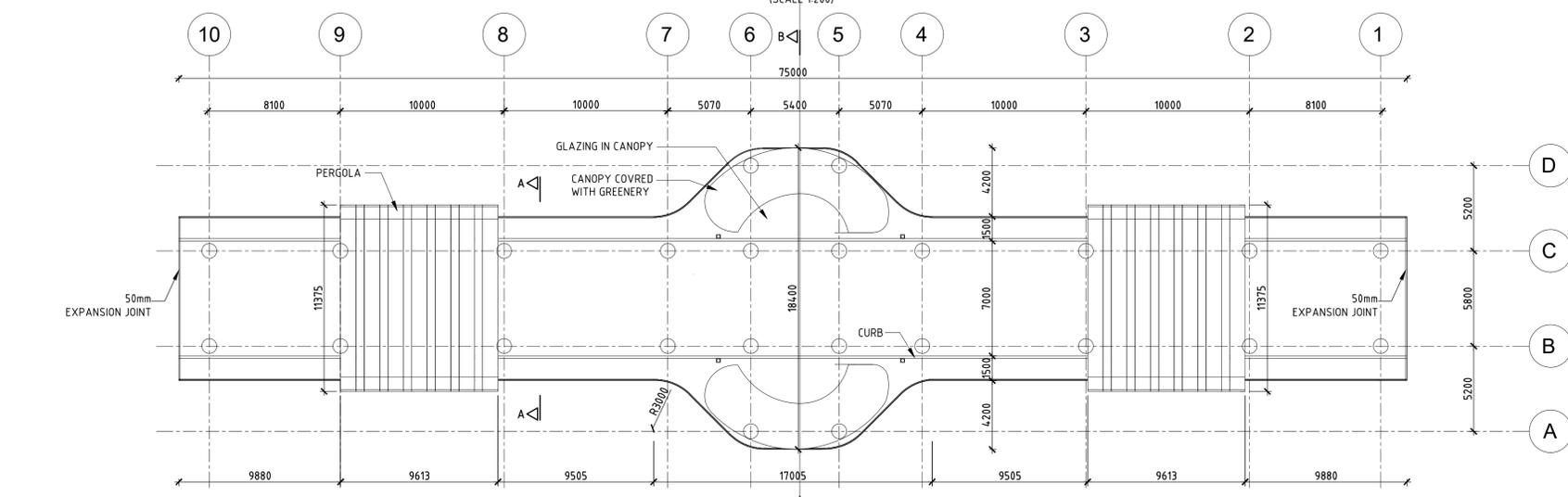
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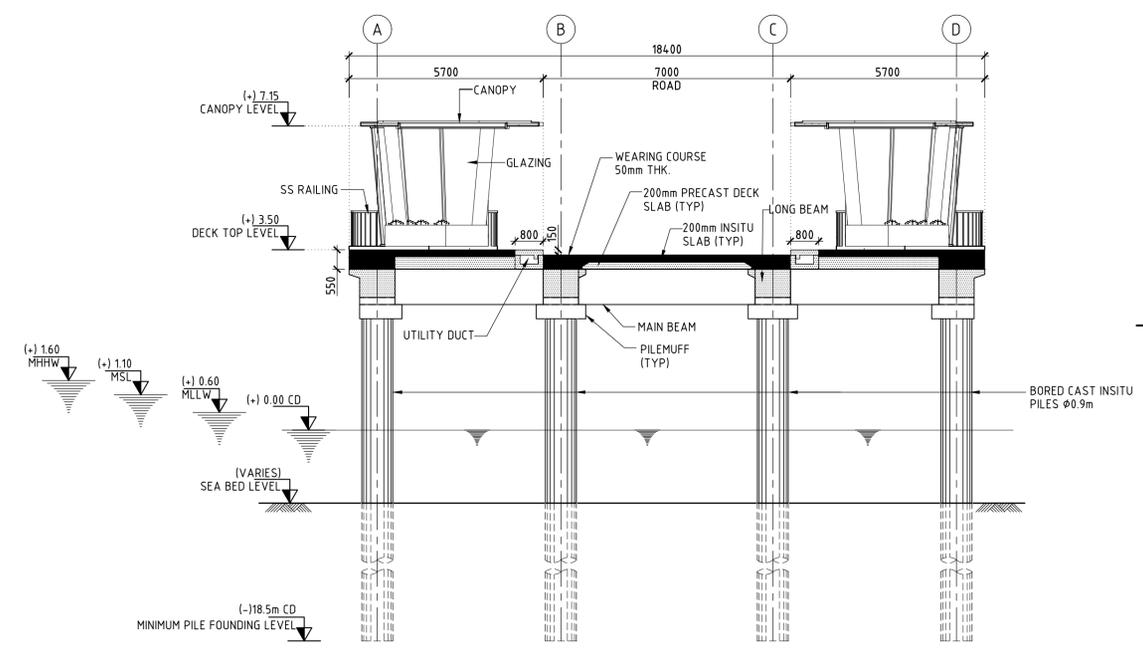
ELEVATION
(SCALE 1:200)



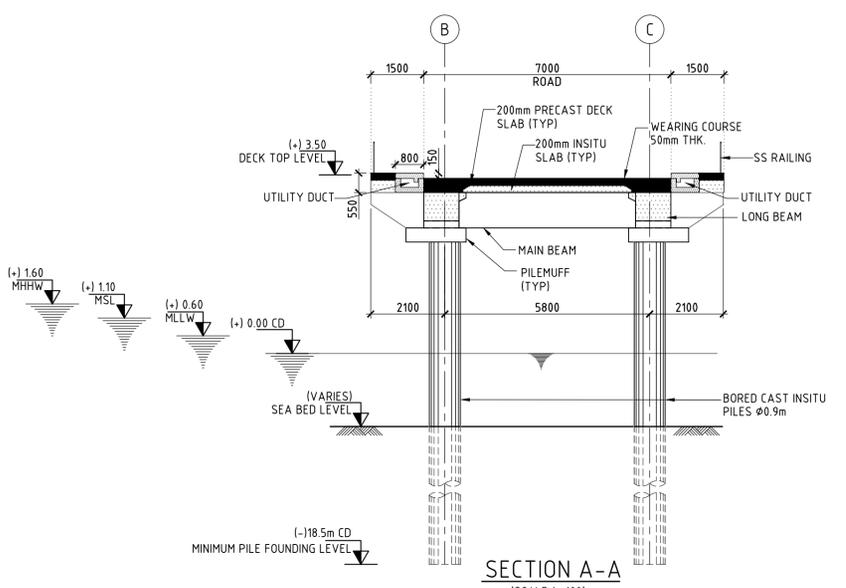
KEYPLAN
(SCALE 1:2200)



PLAN
(SCALE 1:200)



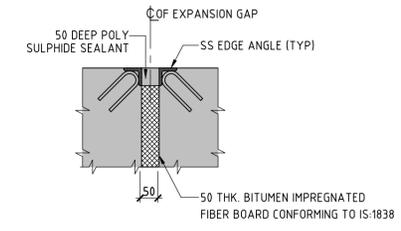
SECTION B-B
(SCALE 1:100)



SECTION A-A
(SCALE 1:100)

APPROACH COORDINATE

POINTS	EASTING	NORTHING
A	256927.325	1241765.961
B	256999.751	1241746.481
C	256997.933	1241739.721
D	256925.507	1241759.201



TYPICAL EXPANSION GAP DETAIL
(SCALE 1:10)

FOR TENDER PURPOSE ONLY

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. ALL LEVELS ARE IN METRES AND ARE WITH RESPECT TO CHART DATUM (CD).
ALL COORDINATES ARE GIVEN IN METRES REFERRED TO UNIVERSAL TRANSVERSE MERCATOR (UTM) PROJECTION, SPHEROID (WGS 1984), ZONE 43.

OWNER:
UNION TERRITORY OF LAKSHADWEEP ADMINISTRATION
DEPT. OF PORT, SHIPPING AND AVIATION, KAVARATTI - 682555

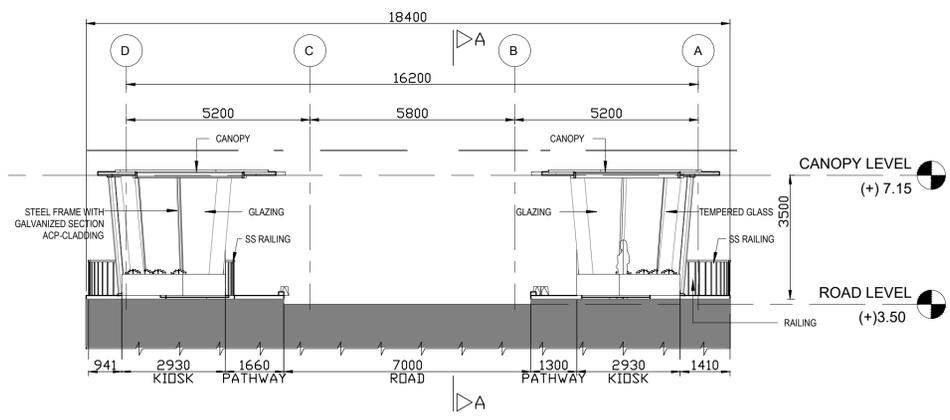
CLIENT:
COCHIN PORT AUTHORITY
WILLINGDON ISLAND, COCHIN - 682009

DESIGN CONSULTANT:
ASSYSTEM INDIA LIMITED
RMZ One Paramount, Campus 10
5th Floor, Unit No.502
110, Mount Poonamallee Road, Porur, Chennai - 600116

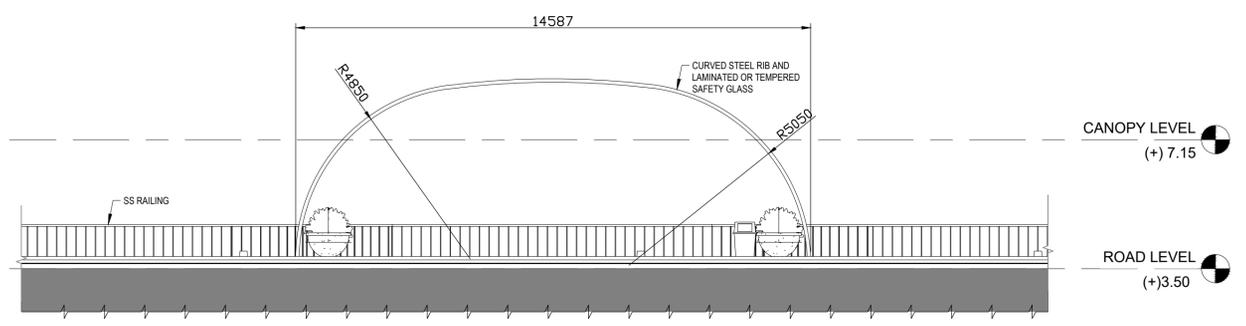
REV.	DATE	DESCRIPTION	DAR	SRJ	ASA	IAN
A	29/01/25	FOR TENDER				

PROJECT: **CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS**
TITLE: **KADMATH WESTERN APPROACH TRESTLE-GENERAL ARRANGEMENT**
DRAWING NO: **TDG113**
SHEET NO. **1 OF 2** SIZE **A1**
SCALE: **1:700**

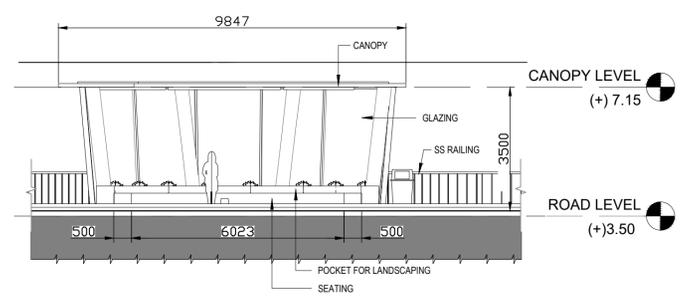




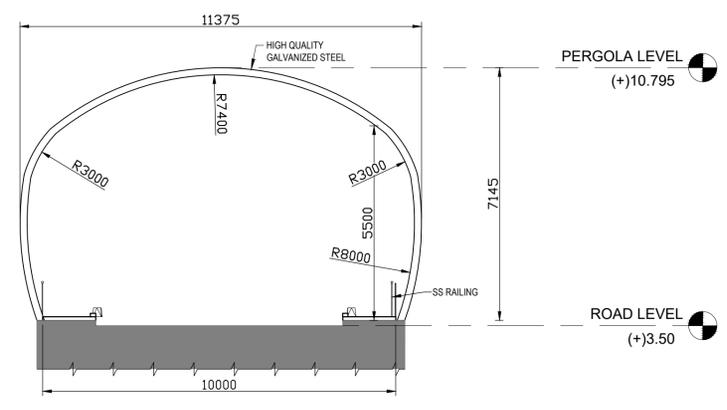
KIOSK - ELEVATION



VIEWING DECK SECTION



SECTION A-A



PERGOLA SECTION

FOR TENDER PURPOSE ONLY

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. ALL LEVELS ARE IN METRES.

OWNER:
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KAVARATTI - 682555

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COCHIN - 682009

DESIGN CONSULTANT:
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RMZ One Paramount, Campus 10
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Porur, Chennai - 600116

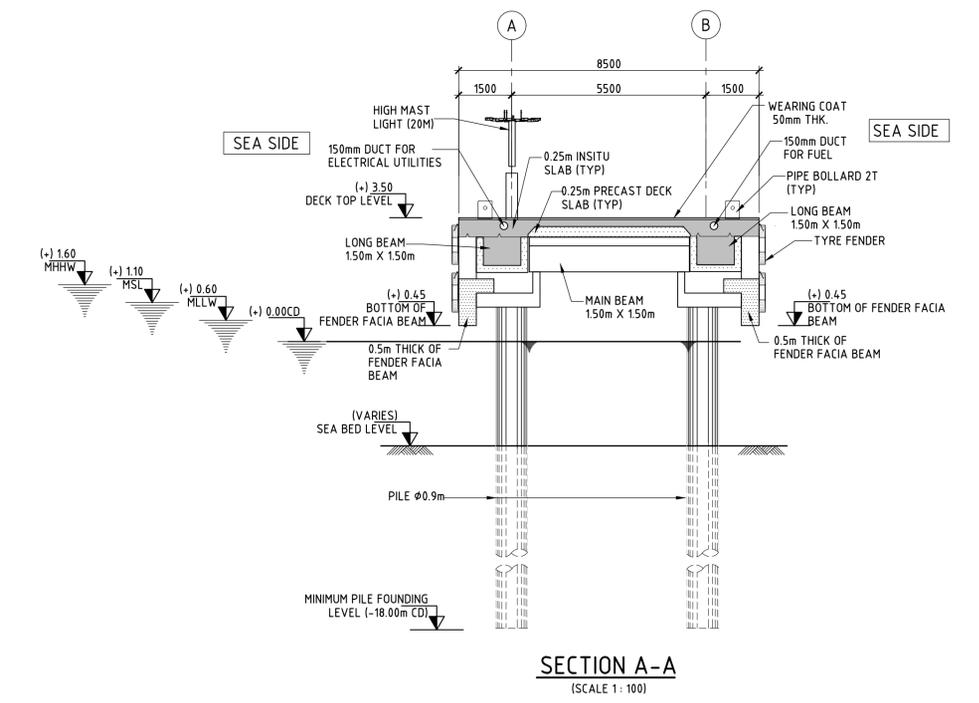
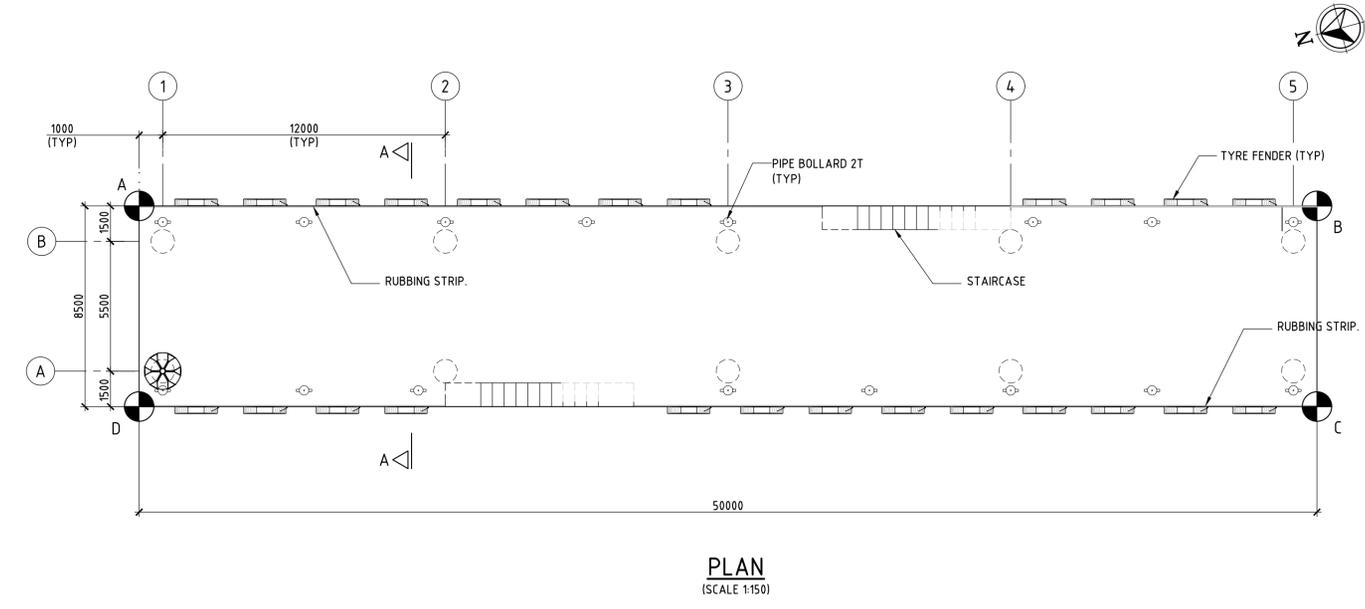
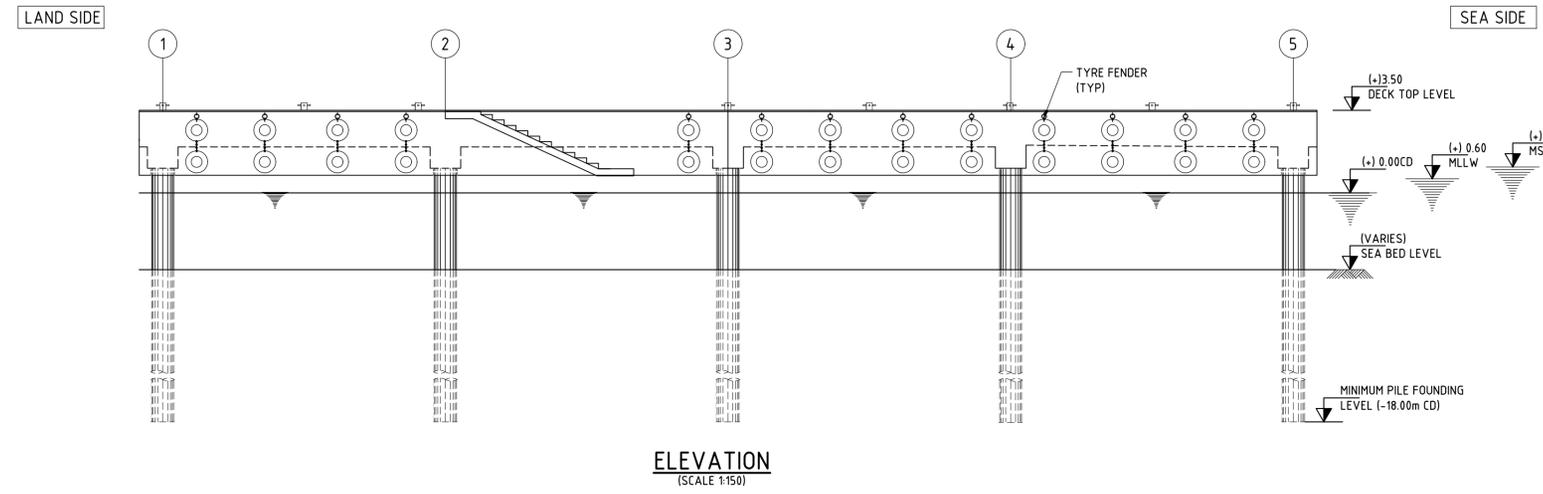
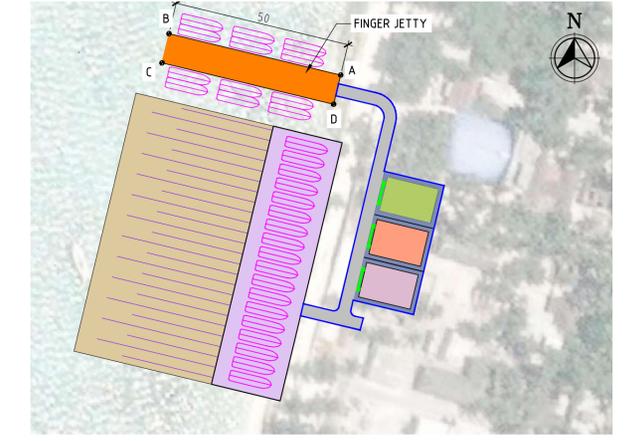
REV.	DATE	DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED
A	28/01/25	FOR TENDER	DAR	SRJ	ASA	IAN

PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
TITLE: KADMATH WESTERN APPROACH TRESTLE-GENERAL ARRANGEMENT
DRAWING NO.: TDG113

SHEET NO. 2 OF 2
SIZE A1
SCALE: 1:100



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LEGEND:

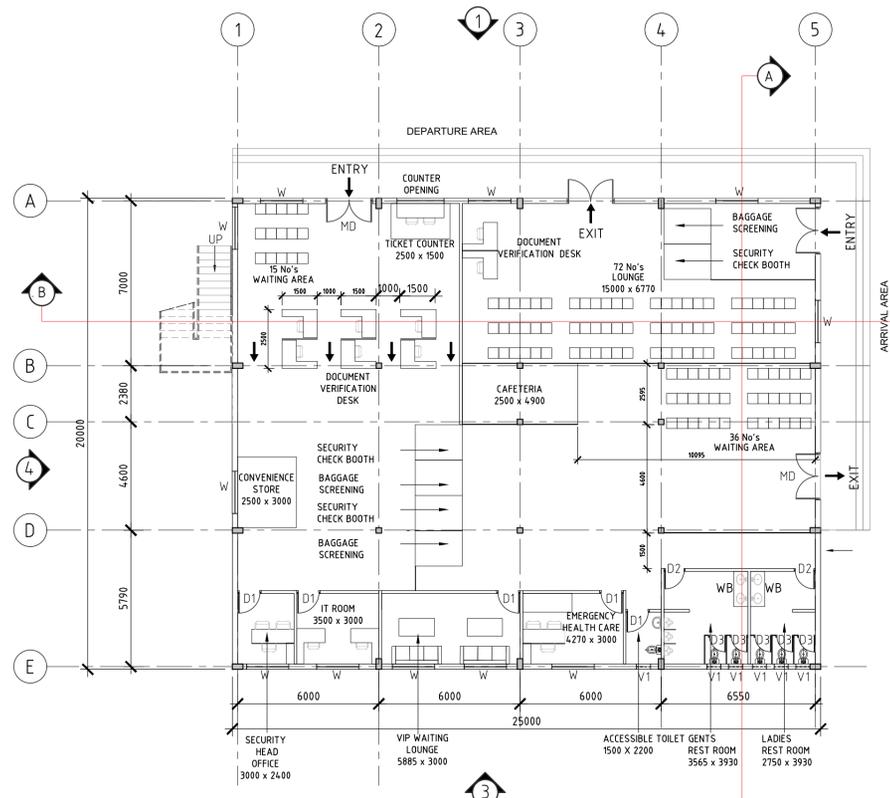
- MLLW - MEAN LOWEST LOW WATER
- MHHW - MEAN HIGHEST HIGH WATER
- MSL - MEAN SEA LEVEL
- - PIPE BOLLARD (16 NOS)
- ▭ - TYRE FENDER (25 NOS)
- - RUBBING STRIP.

COORDINATE

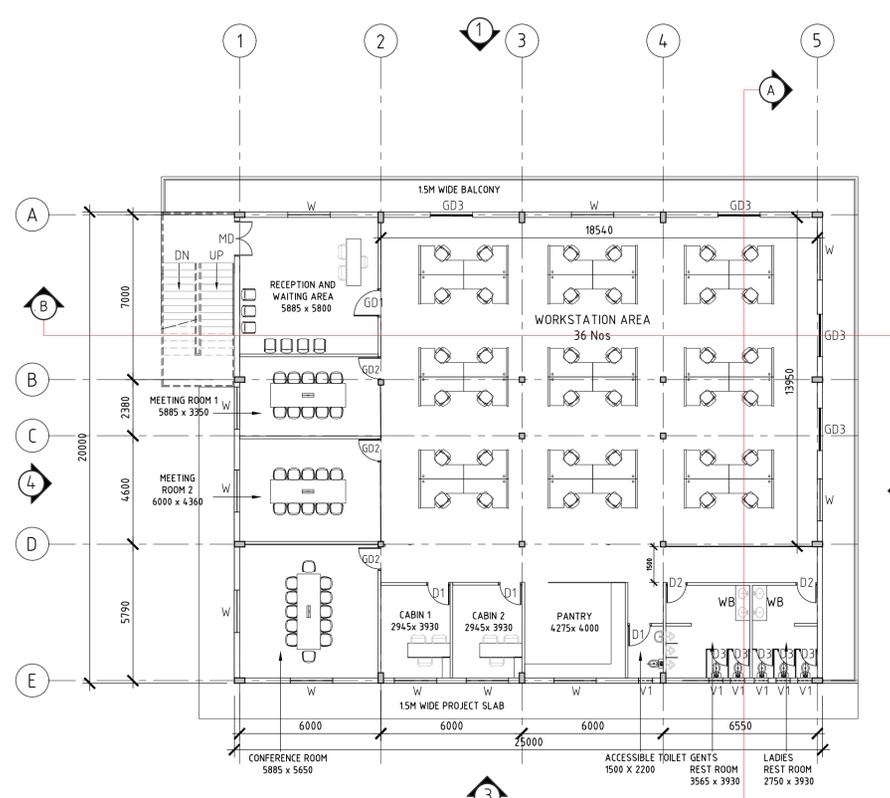
POINTS	EASTING	NORTHING
A	257270.977	1242763.004
B	257222.366	1242774.708
C	257220.377	1242766.444
D	257268.988	1242754.741

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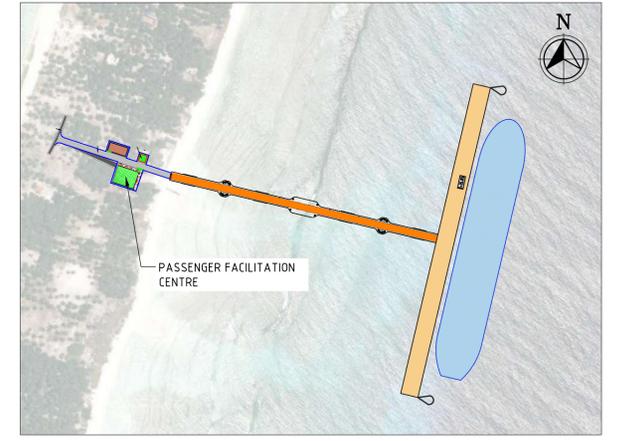
<p>NOTES:</p> <ol style="list-style-type: none"> ALL DIMENSIONS ARE IN MILLIMETRES. ALL LEVELS ARE IN METRES AND ARE WITH RESPECT TO CHART DATUM (CD). ALL COORDINATES ARE GIVEN IN METRES REFERRED TO UNIVERSAL TRANSVERSE MERCATOR (UTM) PROJECTION, SPHEROID (WGS 1984), ZONE 43. 	<p>OWNER:</p> <p>UNION TERRITORY OF LAKSHADWEEP ADMINISTRATION UT OF LAKSHADWEEP ADMINISTRATION DEPT. OF PORT, SHIPPING AND AVIATION, KAVARATTI - 682555</p>	<p>CLIENT:</p> <p>COCHIN PORT AUTHORITY WILLINGDON ISLAND, COCHIN - 682009</p>	<p>DESIGN CONSULTANT:</p> <p>ASSYSTEM INDIA LIMITED (Formerly known as I&T Infrastructure Engineering Ltd) RMZ One Paramount, Campus 10 5th Floor, Unit No.502 110, Mount Poonamallee Road, Porur, Chennai - 600116</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> <th>DRAWN</th> <th>DESIGNED</th> <th>CHECKED</th> <th>APPROVED</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>29/01/25</td> <td>FOR TENDER</td> <td>DAR</td> <td>AHB</td> <td>IAN</td> <td>IAN</td> </tr> </tbody> </table>	REV	DATE	DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED	1	29/01/25	FOR TENDER	DAR	AHB	IAN	IAN	<p>PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS</p> <p>TITLE: KADMATH FINGER JETTY GENERAL ARRANGEMENT - PLAN, ELEVATION & SECTIONS</p> <p>DRAWING NO.: TDG114</p>	<p>SHEET NO. 1 OF 1 SIZE A1 SCALE: AS SHOWN</p>
REV	DATE	DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED														
1	29/01/25	FOR TENDER	DAR	AHB	IAN	IAN														



GROUND FLOOR PLAN



FIRST FLOOR PLAN
(SCALE 1:100)



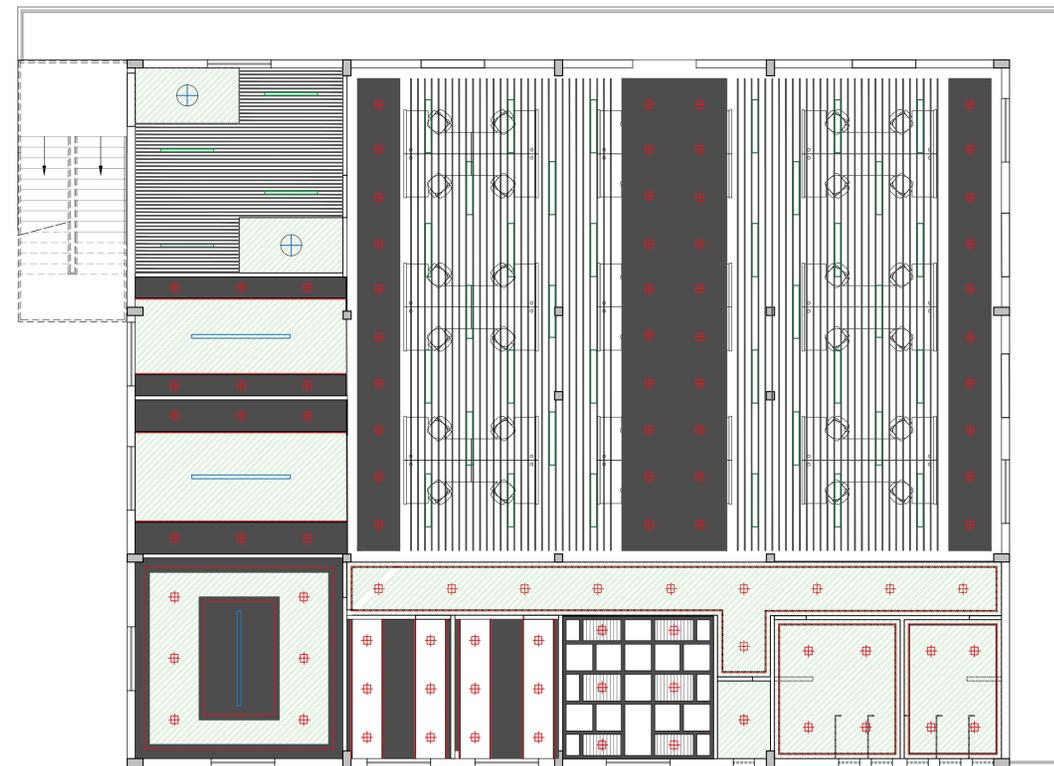
VIEW - 1



VIEW - 2



GROUND FLOOR ROOF CEILING PLAN
(SCALE 1:100)



FIRST FLOOR ROOF CEILING PLAN
(SCALE 1:100)

SCHEDULE OF JOINERY

NAME	WIDTH	HEIGHT	SILL
D1	1000	2100	0
D2	900	2100	0
D3	750	2100	0
W	1800	1200	900
V1	600	900	1200
MD	2000	2100	0

- LEGENDS**
- CEILING LIGHT
 - LED LIGHT
 - PROFILE LIGHT
 - SUSPENDED LIGHT
 - GYPSUM CEILING
 - WOODEN CEILING
 - WOODEN BAFFLES
 - COFFERED CEILING
 - DECORATIVE HANGING LIGHT

PLINTH AREA - 500 Sq.m
BUILT UP AREA - 1000 Sq.m

FOR TENDER PURPOSE ONLY

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES.
3. FURNITURE SHOWN ARE NOT INCLUDED IN THE SCOPE OF THE CONTRACT

OWNER:
UNION TERRITORY OF LAKSHADWEEP ADMINISTRATION
UT OF LAKSHADWEEP ADMINISTRATION
DEPT. OF PORT, SHIPPING AND AVIATION,
KAVARATTI - 682555

CLIENT:
COCHIN PORT AUTHORITY
WILLINGDON ISLAND,
COCHIN - 682009

DESIGN CONSULTANT:
ASSYSTEM INDIA LIMITED
RMZ One Paramount, Campus 10
5th Floor, Unit No.502
110, Mount Poonamallee Road,
Porur, Chennai - 600116

REV.	DATE	DESCRIPTION	AST	ADS	IAN	IAN
A	28/01/25	FOR TENDER				
		DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED

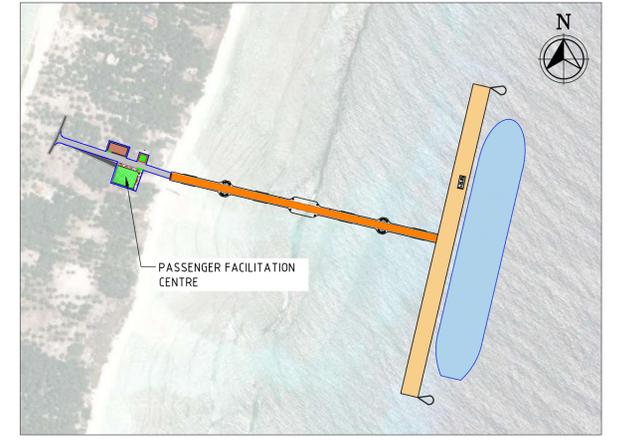
PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS

TITLE: KADMATH EASTERN SIDE - PASSENGER FACILITATION CENTRE PLAN & VIEW

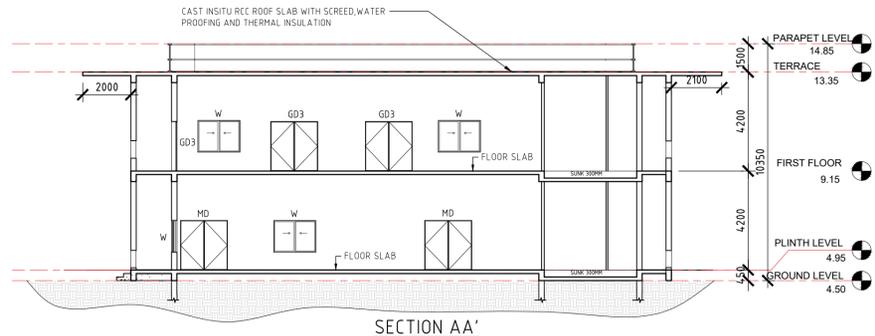
DRAWING NO.: TDG115
SHEET NO.: 1 OF 2
SCALE: AS SHOWN



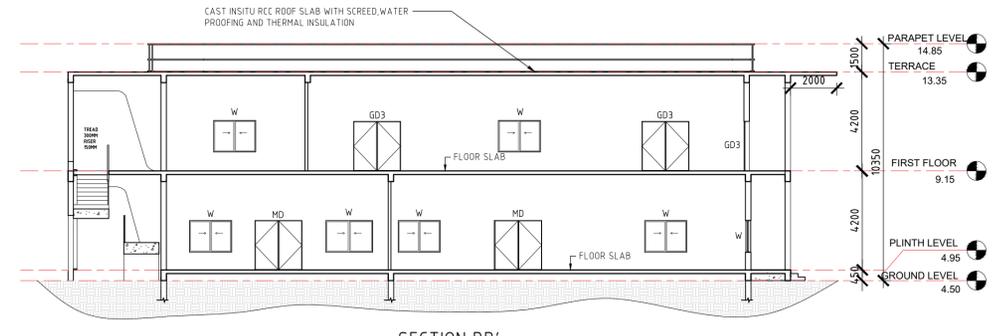
This drawing is the property of ASSYSTEM INDIA LIMITED and must not be passed on to any person or body not authorised by us to receive it nor be copied or otherwise made use either in full or in part by such person or body without our prior permission in writing.



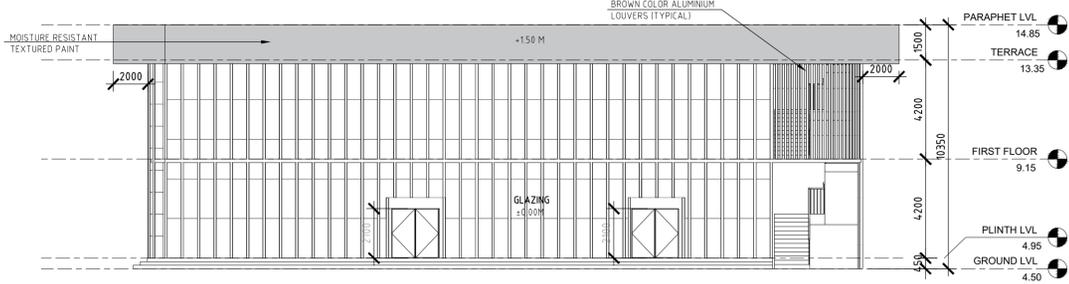
KEYPLAN
(SCALE 1:25000)



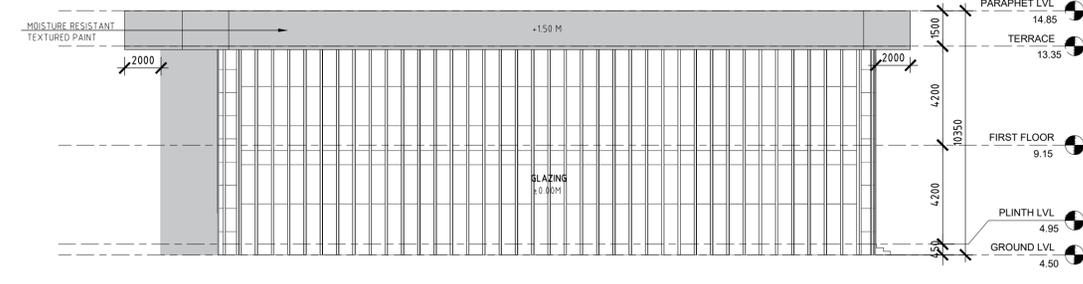
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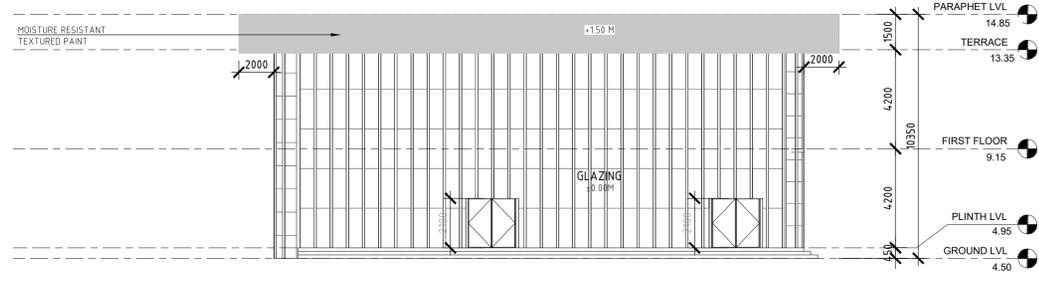
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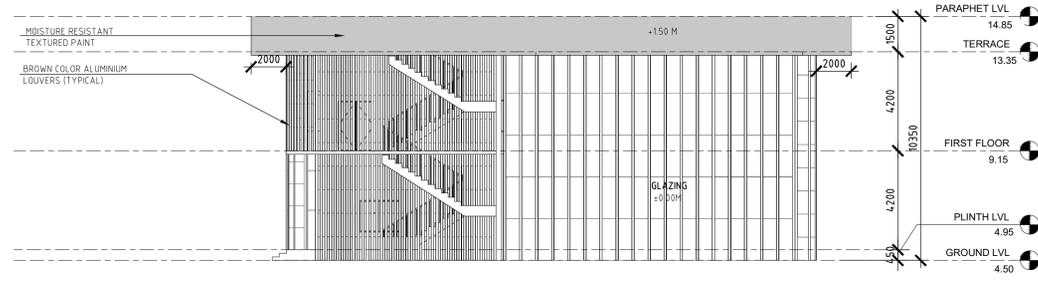
ELEVATION-1
(SCALE 1:150)



ELEVATION-3
(SCALE 1:150)



ELEVATION-2
(SCALE 1:150)



ELEVATION-4
(SCALE 1:150)

FOR TENDER PURPOSE ONLY

NOTES:
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DEPT. OF PORT, SHIPPING AND AVIATION,
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CLIENT:
COCHIN PORT AUTHORITY
WILLINGDON ISLAND,
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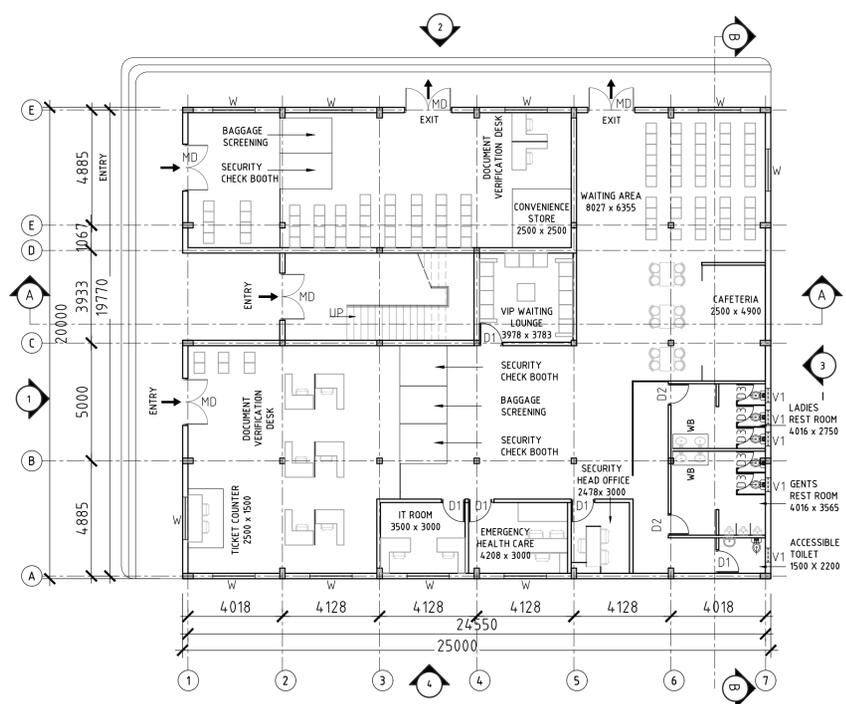
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5th Floor, Unit No.502
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REV.	DATE	DESCRIPTION	AST	ADS	IAN	IAN
			DRAWN	DESIGNED	CHECKED	APPROVED
A	30/01/25	FOR TENDER				

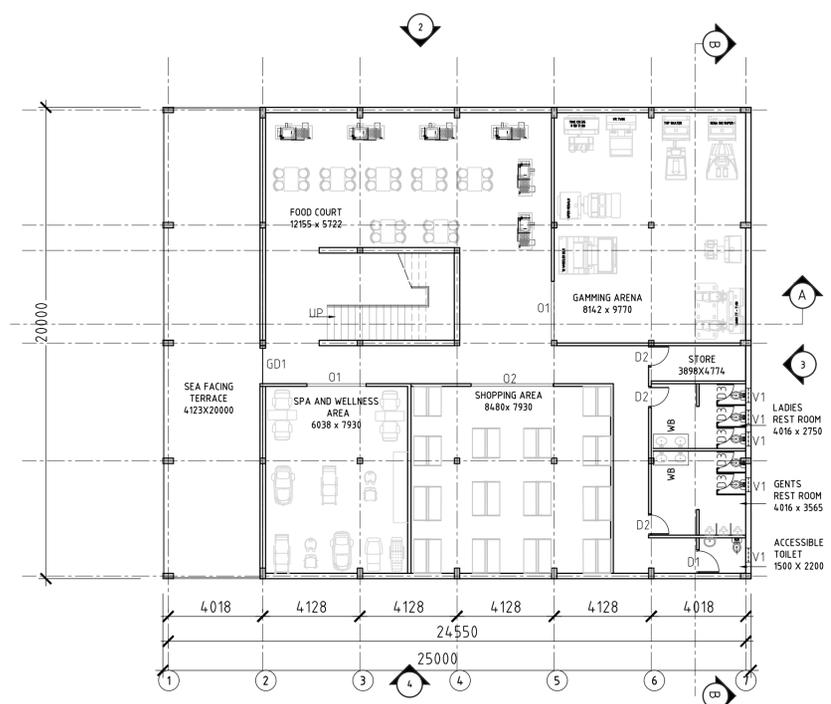
PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
TITLE: KADMATH EASTERN SIDE - PASSENGER FACILITATION CENTRE SECTION & ELEVATION
DRAWING NO.: TDG115

SHEET NO. 2 OF 2
SIZE A1
SCALE AS SHOWN



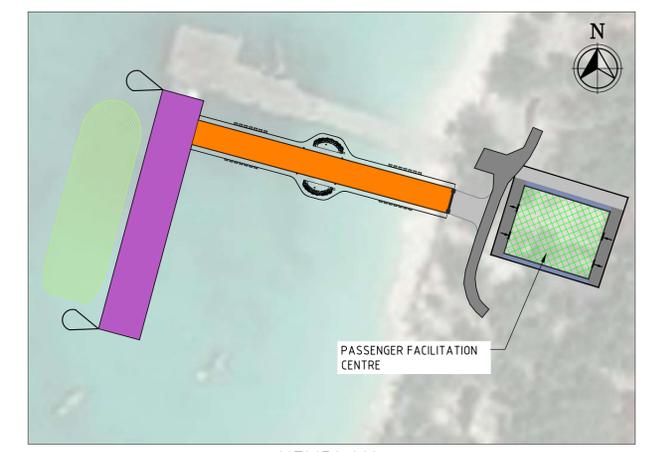


GROUND FLOOR PLAN
(SCALE 1:100)



FIRST FLOOR PLAN
(SCALE 1:100)

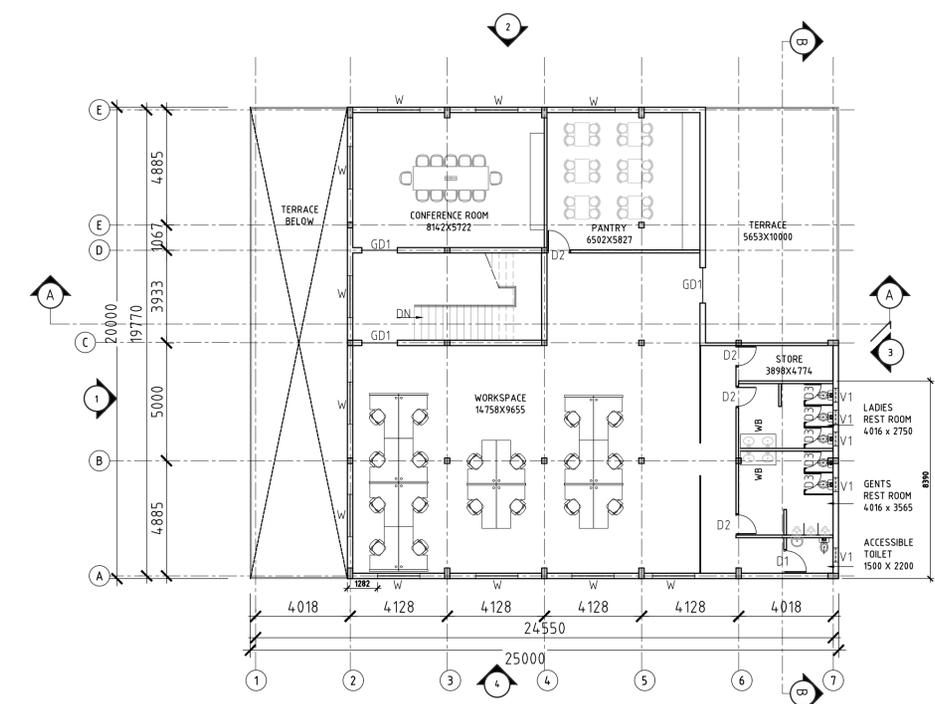
PLINTH AREA - 500 Sq.m
BUILT UP AREA - 1500 Sq.m



KEYPLAN
(SCALE 1:25000)

SCHEDULE OF JOINERY

NAME	WIDTH	HEIGHT	SILL	QUANTITY
MD	2000	2100	0	5
D1	1000	2100	0	7
D2	900	2100	0	9
D3	750	2100	0	15
GD1	1500	2100	0	4
O1	2500	2100	0	2
O2	3500	2100	0	1
W	1800	1200	900	21
V1	600	900	1200	15



SECOND FLOOR PLAN
(SCALE 1:100)



VIEW - 1



VIEW - 2

NOTES:
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UT OF LAKSHADWEEP ADMINISTRATION
DEPT. OF PORT, SHIPPING AND AVIATION,
KAVARATTI - 682555

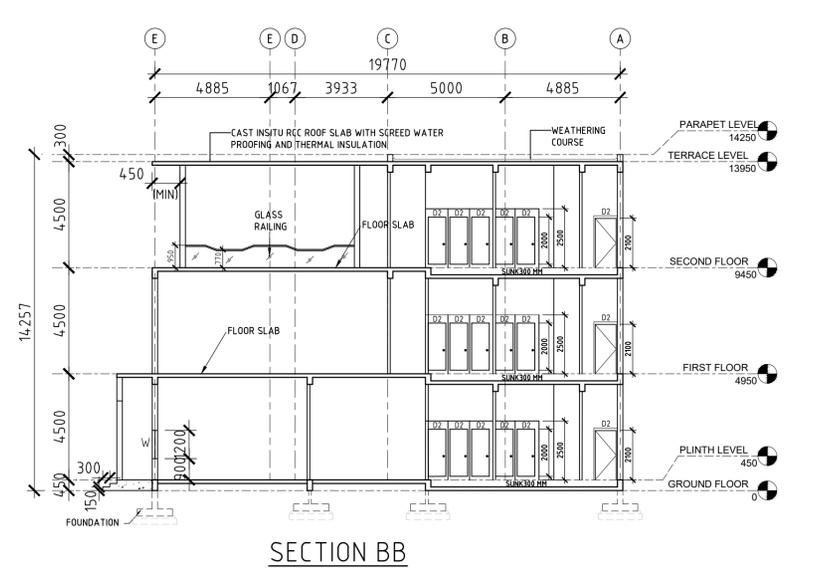
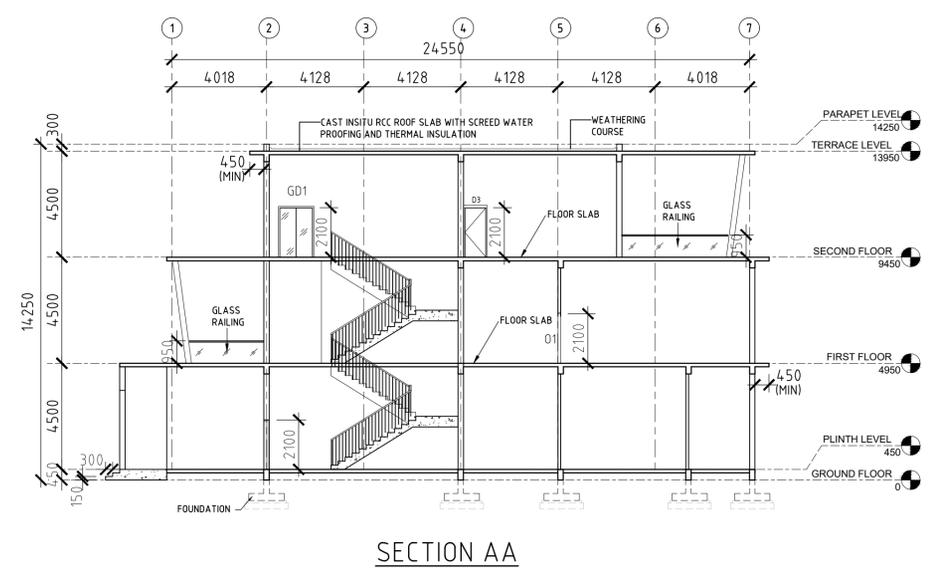
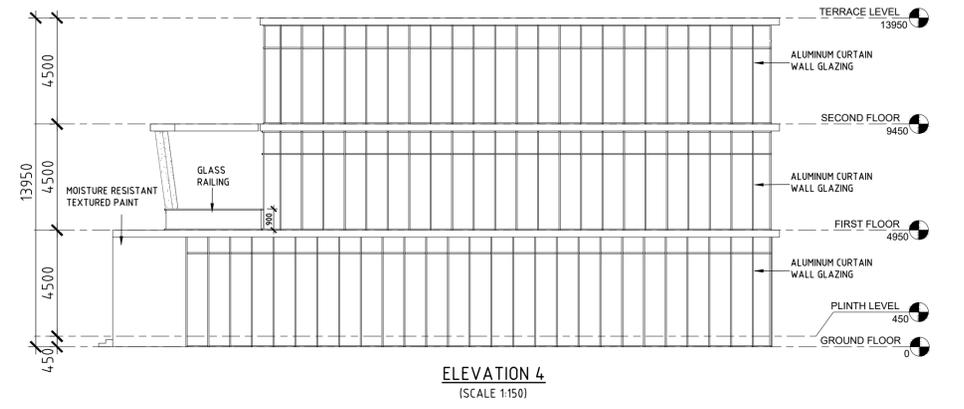
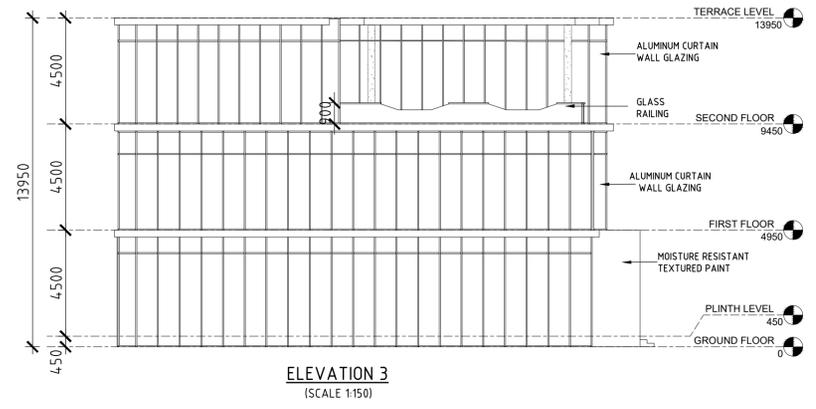
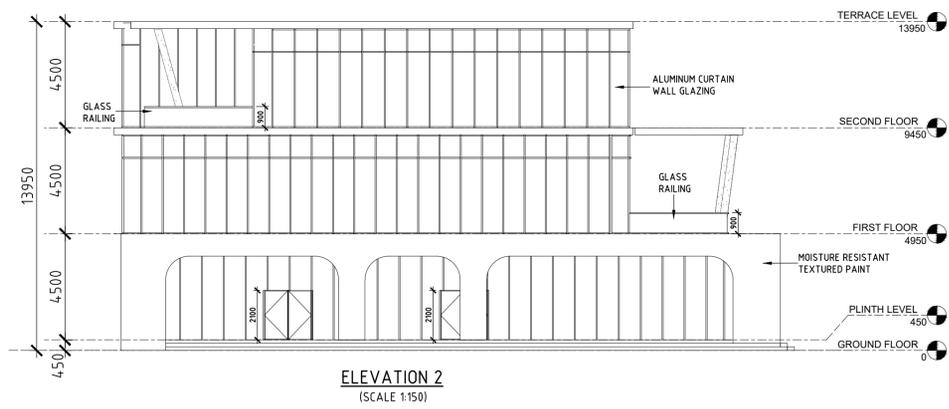
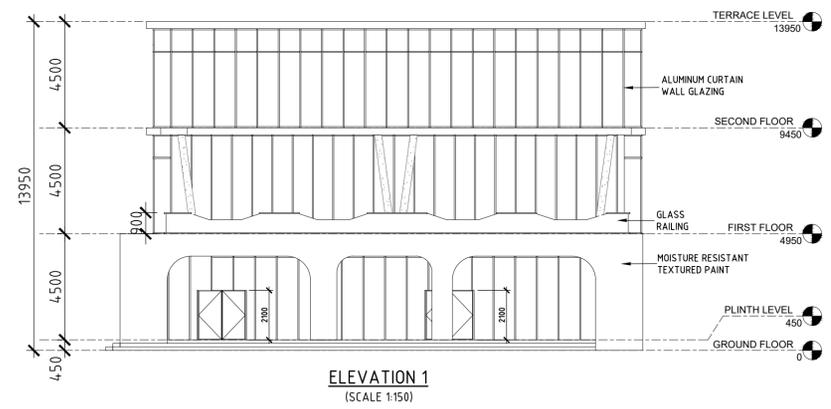
CLIENT:
COCHIN PORT AUTHORITY
WILLINGTON ISLAND,
COCHIN - 682009

DESIGN CONSULTANT:
ASSYSTEM INDIA LIMITED
RMZ One Paramount, Campus 10
5th Floor, Unit No.502
110, Mount Poonamallee Road,
Porur, Chennai - 600116

REV.	DATE	DESCRIPTION	AST	ADS	IAN	IAN
A	30/01/25	FOR TENDER				
		DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED

PROJECT: **CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS**
TITLE: **KADMATH WESTERN SIDE - PASSENGER FACILITATION CENTRE PLAN & VIEW**
DRAWING NO.: TDG116
SHEET NO. 1 OF 3
SCALE: AS SHOWN

FOR TENDER PURPOSE ONLY



FOR TENDER PURPOSE ONLY

NOTES:
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OWNER:
 UNION TERRITORY OF LAKSHADWEEP ADMINISTRATION
 UT OF LAKSHADWEEP ADMINISTRATION
 DEPT. OF PORT, SHIPPING AND AVIATION,
 KAVARATTI - 682555

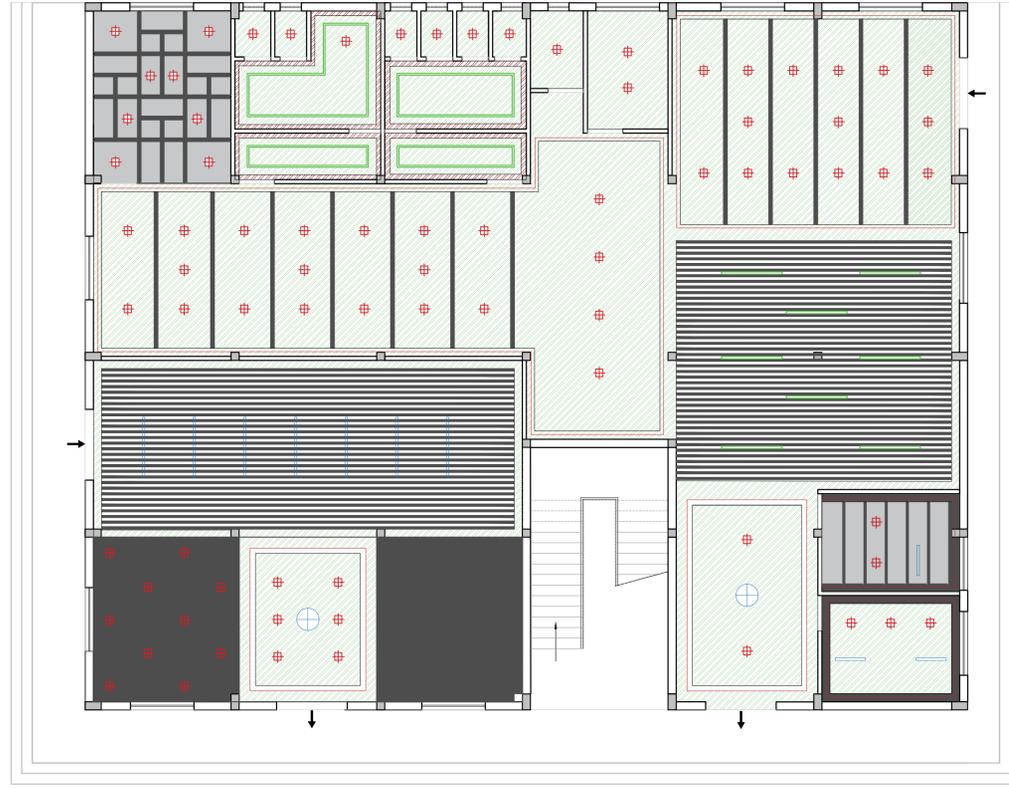
CLIENT:
 COCHIN PORT AUTHORITY
 WILLINGDON ISLAND,
 COCHIN - 682009

DESIGN CONSULTANT:
 ASSYSTEM INDIA LIMITED
 RMZ One Paramount, Campus 10
 5th Floor, Unit No.502
 110, Mount Poonamallee Road,
 Porur, Chennai - 600116

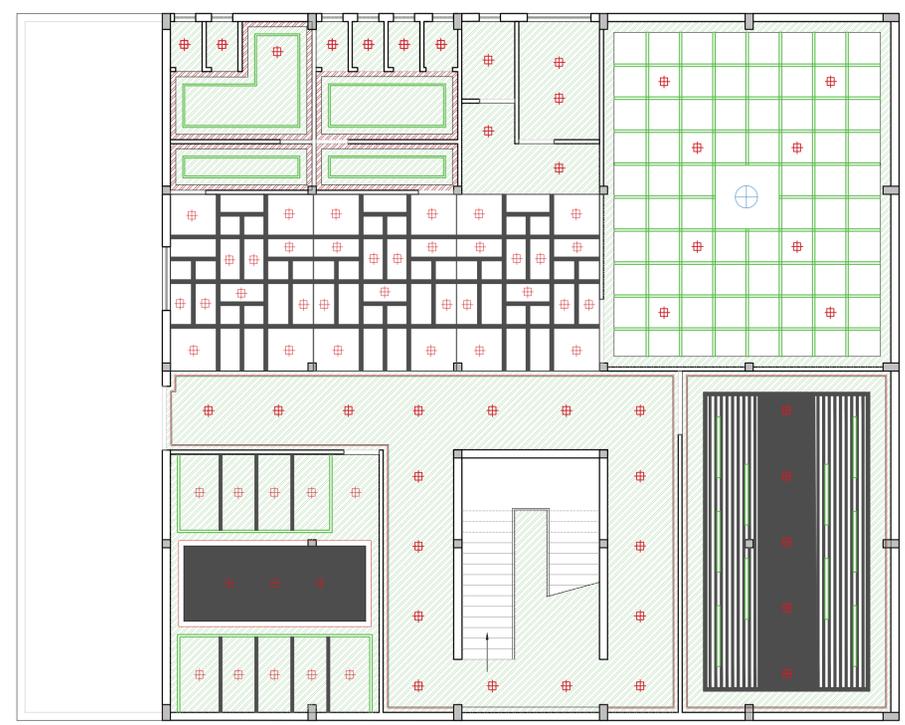
REV.	DATE	DESCRIPTION	FOR TENDER	AST	ADS	IAN	IAN
A	30/01/25						

PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
 TITLE: KADMATH WESTERN SIDE - PASSENGER FACILITATION CENTRE SECTION & ELEVATION
 DRAWING NO.: TDG116
 SHEET NO. 2 OF 3
 SIZE A1
 SCALE: AS SHOWN

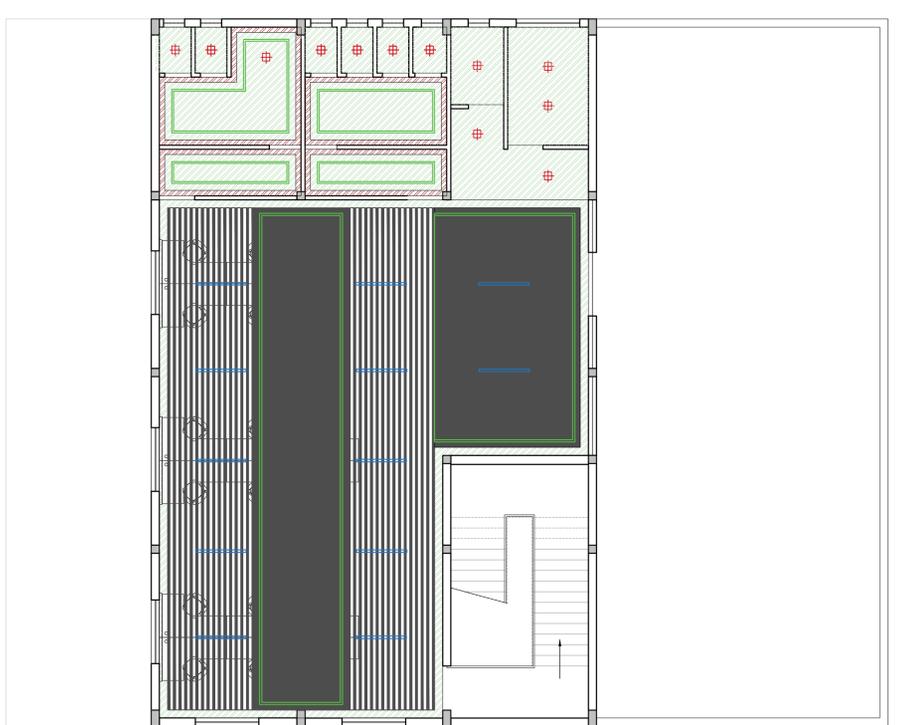




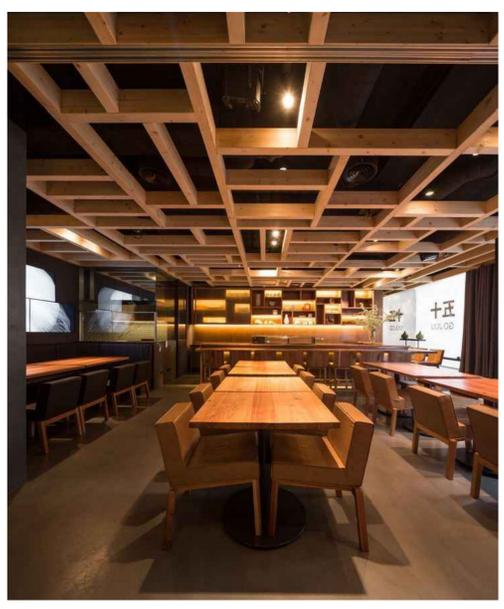
GROUND FLOOR ROOF CEILING PLAN
(SCALE 1:100)



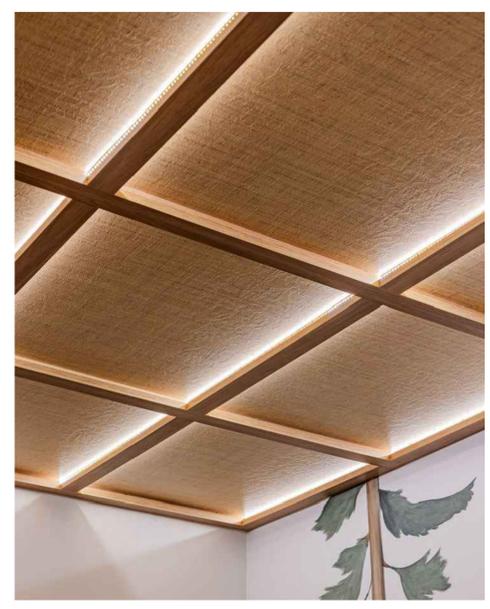
FIRST FLOOR ROOF CEILING PLAN
(SCALE 1:100)



SECOND FLOOR ROOF CEILING PLAN
(SCALE 1:100)



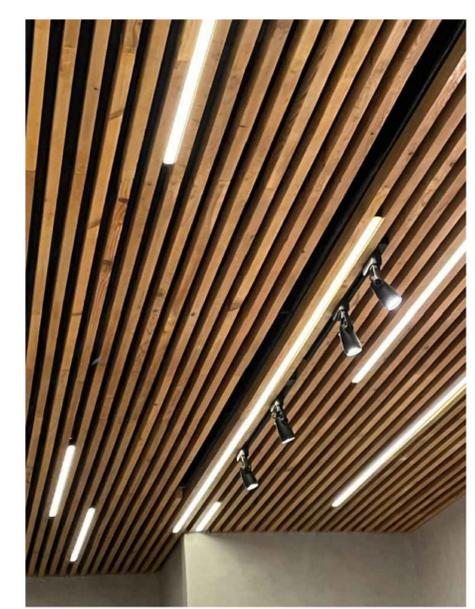
CAFETERIA CEILING



COFFERED CEILING



GAMING AREA CEILING



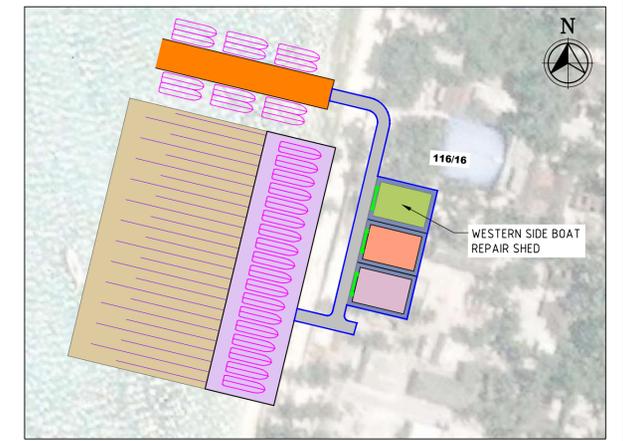
WOODEN BAFFLE CEILING

LEGENDS	
	CEILING LIGHT
	COVE LIGHT
	PROFILE LIGHT
	SUSPENDED LIGHT
	850MM FROM BOTTOM OF SLAB GYPSUM CEILING
	1000MM FROM BOTTOM OF SLAB GYPSUM CEILING
	850MM FROM BOTTOM OF SLAB WOODEN CEILING
	1000MM FROM BOTTOM OF SLAB WOODEN BAFFLE
	1000 MM FROM BOTTOM OF SLAB COFFERED CEILING
	DECORATIVE HANGING LIGHT

FOR TENDER PURPOSE ONLY

NOTES: 1. ALL WORKS TO BE DONE AS PER THE DRAWINGS AND SPECIFICATIONS. 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. 3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL SERVICES AT ALL TIMES.		OWNER: UNION TERRITORY OF LAKSHADWEEP ADMINISTRATION DEPT. OF PORT, SHIPPING AND AVIATION, KAVARATTI - 682555		CLIENT: COCHIN PORT AUTHORITY WILLINGDON ISLAND, COCHIN - 682009		DESIGN CONSULTANT: ASSYSTEM INDIA LIMITED RMZ One Paramount, Campus 10 5th Floor, Unit No.502 110, Mount Poonamallee Road, Porur, Chennai - 600116		PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS		TITLE: KADMATH WESTERN SIDE - PASSENGER FACILITATION CENTRE ROOF CEILING PLAN AND VIEW		SHEET NO. 3 OF 3 SIZE A1 SCALE AS SHOWN	
REV. DATE DESCRIPTION		FOR TENDER		AST DRAWN		ADS DESIGNED		IAN CHECKED		IAN APPROVED		DRAWING NO. TDG116 plot scale 1:50mm	

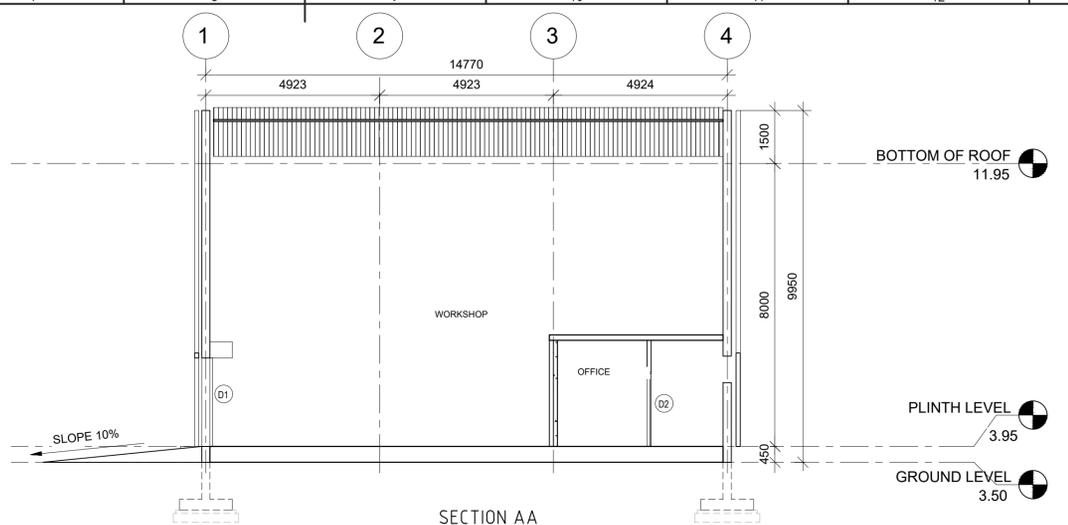
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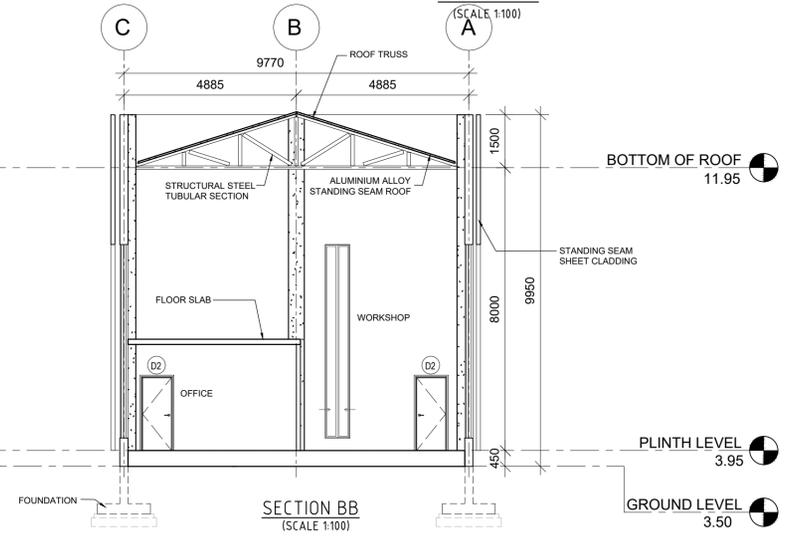
KEYPLAN
(SCALE 1:25000)



VIEW



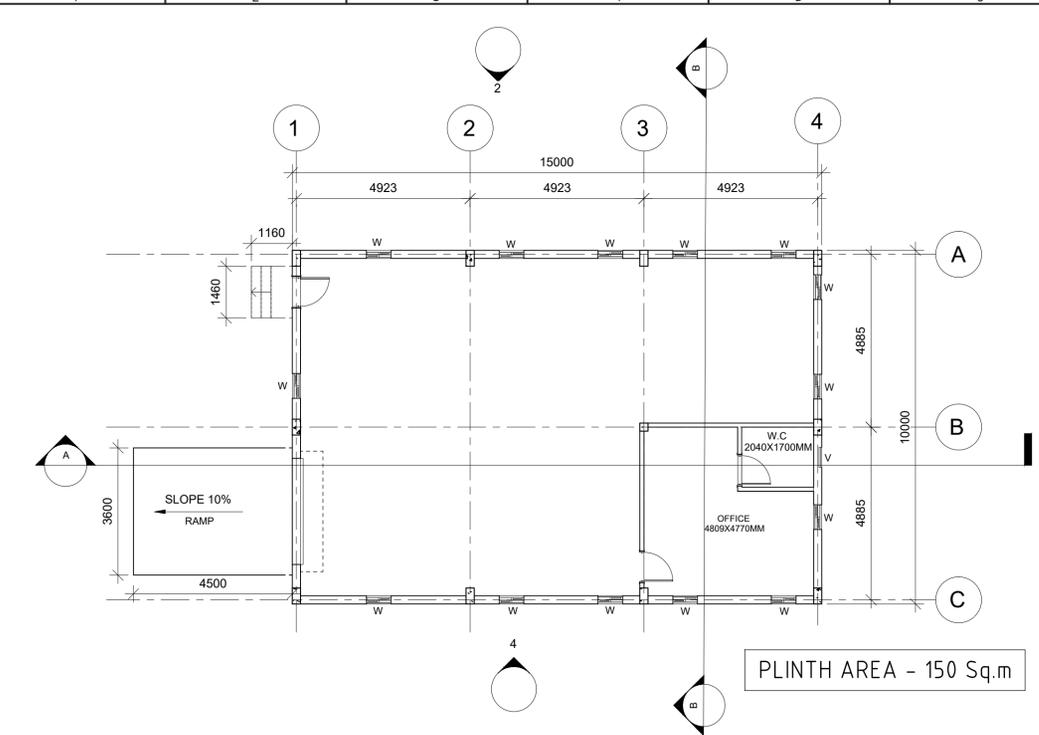
SECTION AA
(SCALE 1:100)



SECTION BB
(SCALE 1:100)

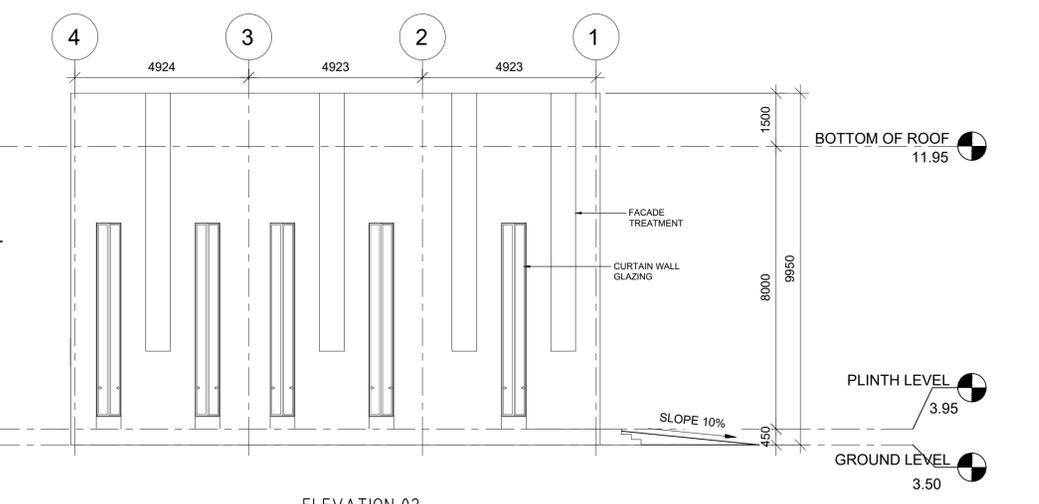
SCHEDULE OF JOINERY

NAME	WIDTH	HEIGHT	SILL
D1	3000	3000	0
D2	900	2100	0
W	700	5450	450
V	600	900	1200

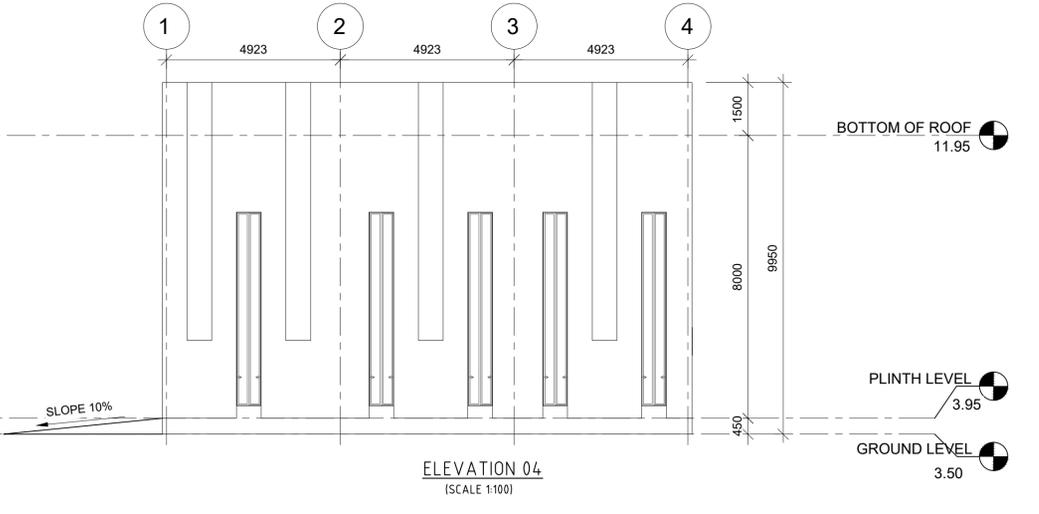


GROUND FLOOR
(SCALE 1:100)

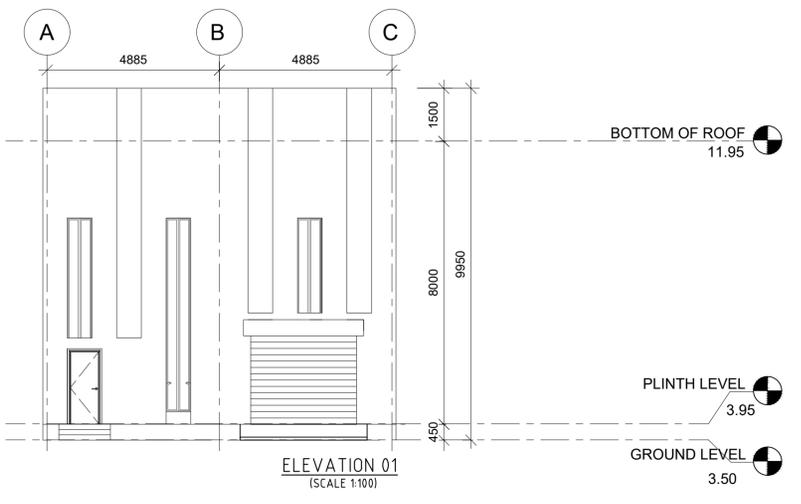
PLINTH AREA - 150 Sq.m



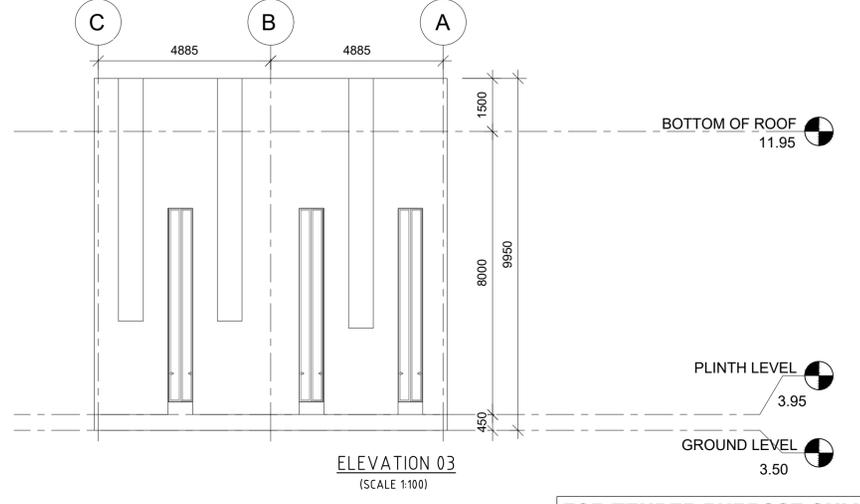
ELEVATION 02
(SCALE 1:100)



ELEVATION 04
(SCALE 1:100)



ELEVATION 01
(SCALE 1:100)



ELEVATION 03
(SCALE 1:100)

FOR TENDER PURPOSE ONLY

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2. ALL LEVELS ARE IN METRES AND ARE WITH RESPECT TO CHART DATUM (CD)

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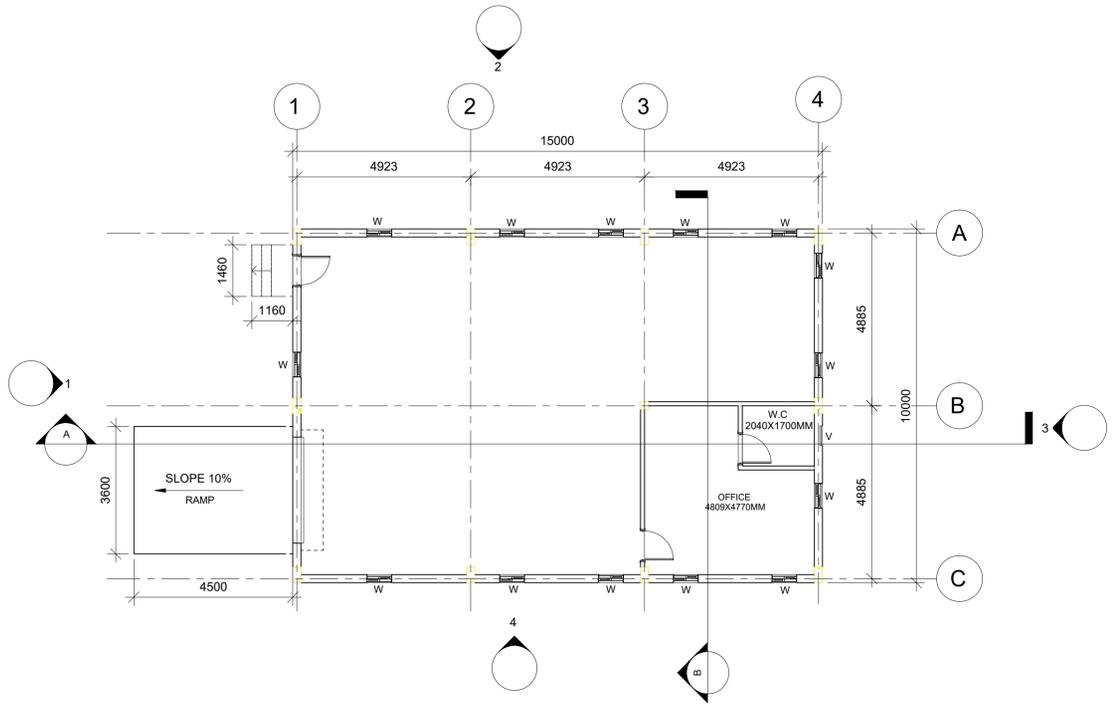
CLIENT:
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REV.	DATE	DESCRIPTION	AVI	SRJ	ASA	IAN
A	28/01/25	FOR TENDER				
		DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED

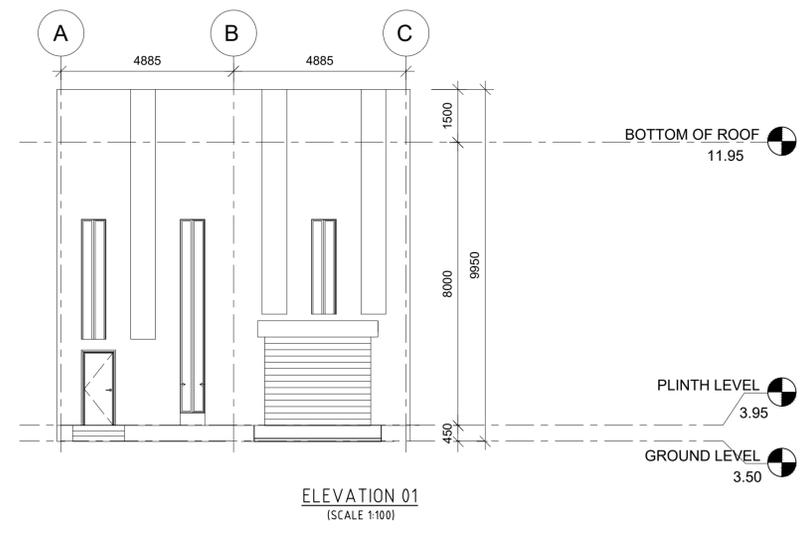
PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
TITLE: KADMATH WESTERN SIDE BOAT REPAIR SHED PLAN, ELEVATION AND SECTION
DRAWING NO: TDG117
SHEET NO: 1 OF 1
SIZE: A1
SCALE: AS SHOWN

plot scale 50mm

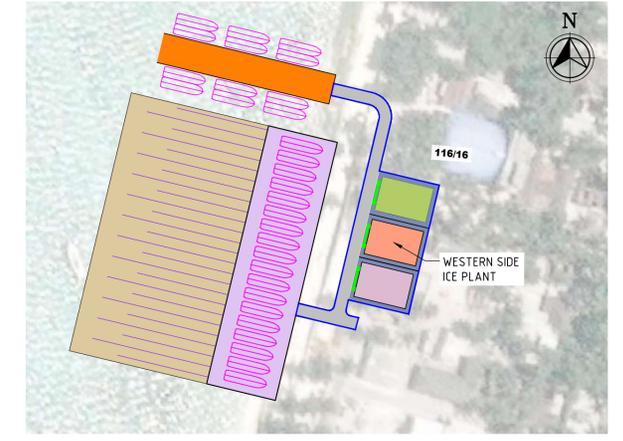


GROUND FLOOR
(SCALE 1:100)

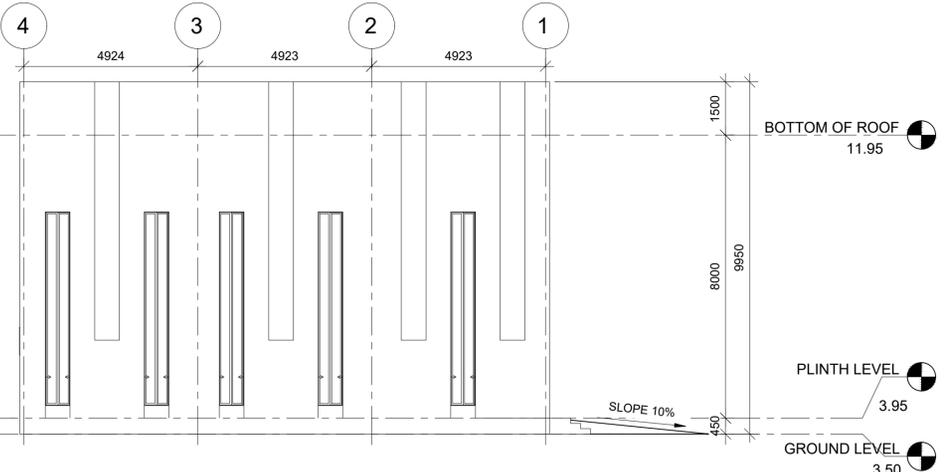
PLINTH AREA - 150 Sq.m



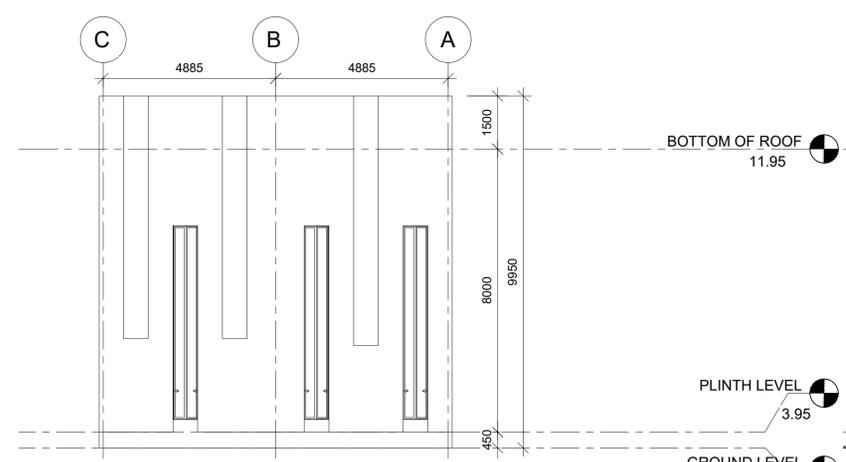
ELEVATION 01
(SCALE 1:100)



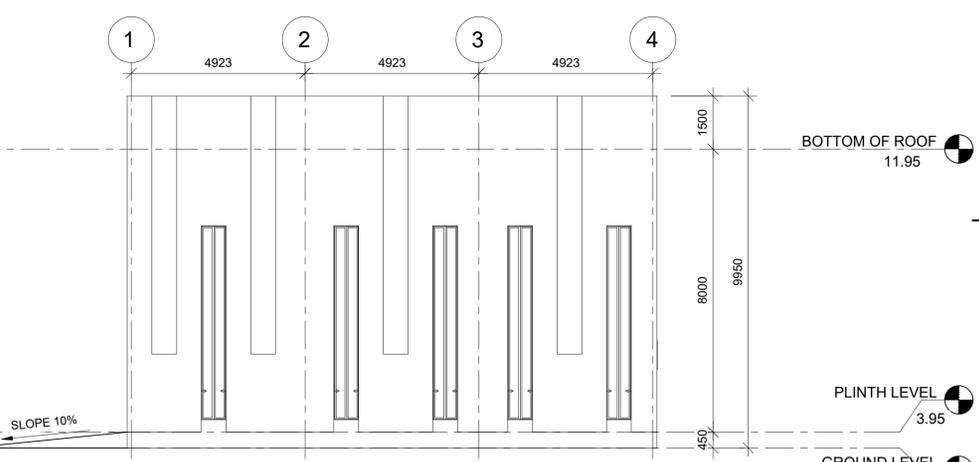
KEYPLAN
(SCALE 1:25000)



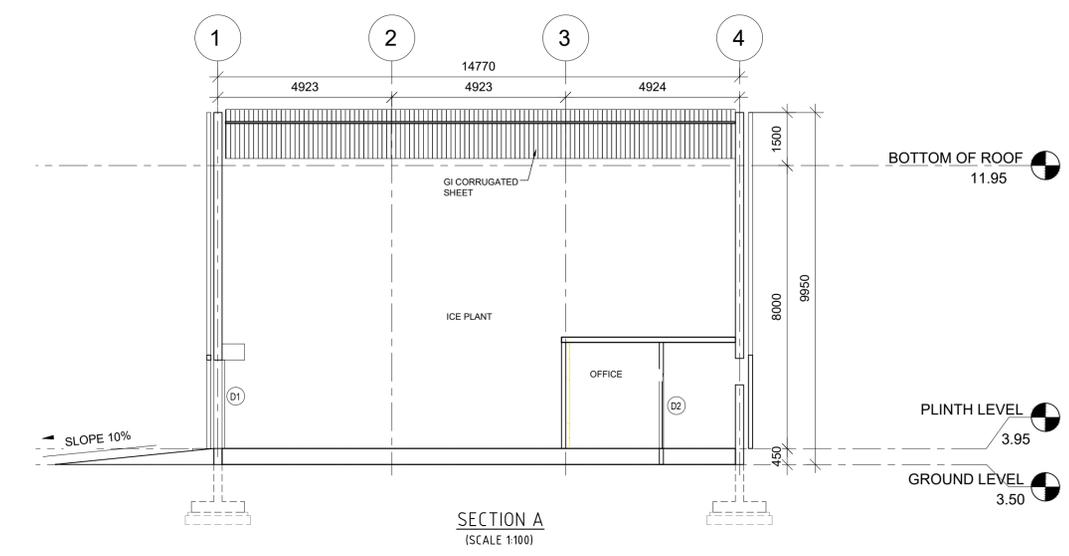
ELEVATION 02
(SCALE 1:100)



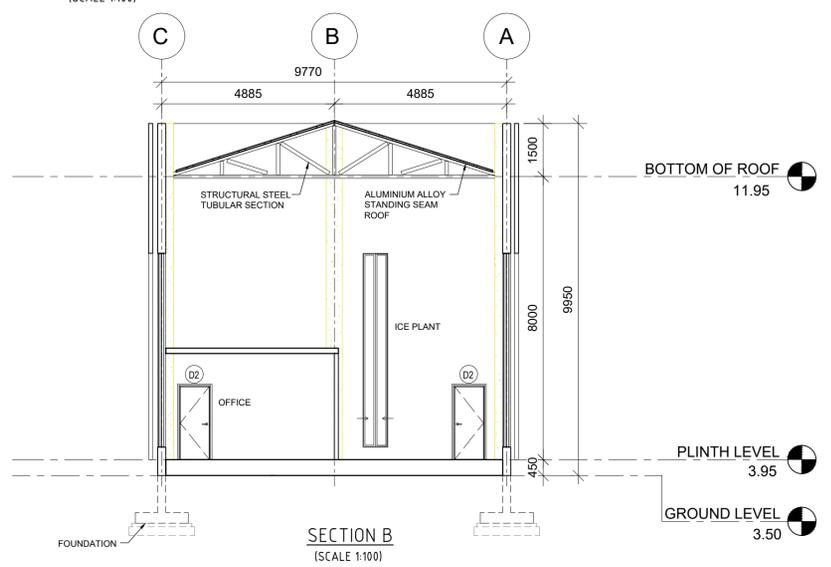
ELEVATION 03
(SCALE 1:100)



ELEVATION 04
(SCALE 1:100)



SECTION A
(SCALE 1:100)



SECTION B
(SCALE 1:100)

SCHEDULE OF JOINERY			
NAME	WIDTH	HEIGHT	SILL
D1	3000	3000	0
D2	900	2100	0
W	700	5450	450
V	600	900	1200

FOR TENDER PURPOSE ONLY

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES
2. ALL LEVELS ARE IN METRES AND ARE WITH RESPECT TO CHART DATUM (CD)

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UT OF LAKSHADWEEP ADMINISTRATION
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WILLINGDON ISLAND,
COCHIN - 682009

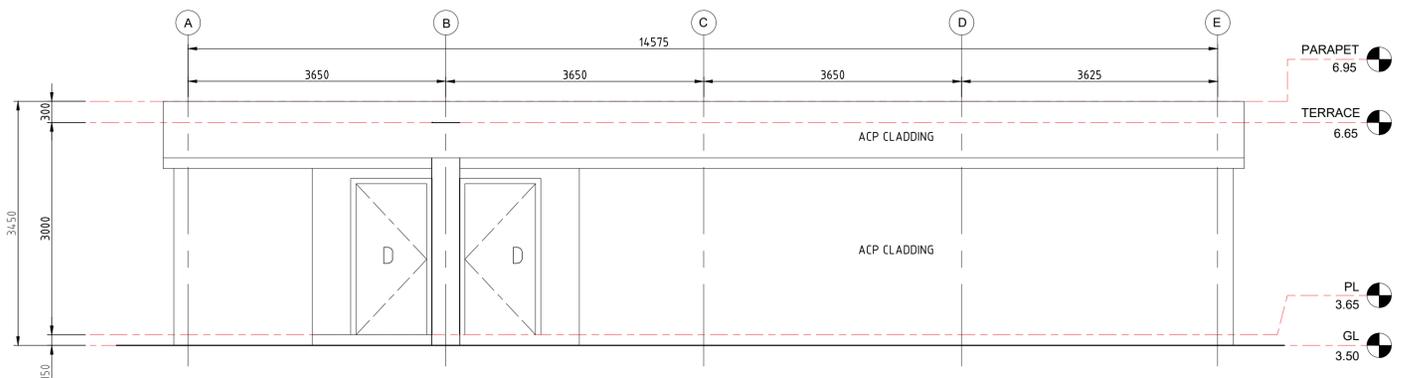
DESIGN CONSULTANT:
ASSYSTEM INDIA LIMITED
RMZ One Paramount, Campus 10
5th Floor, Unit No.502
110, Mount Poonamallee Road,
Porur, Chennai - 600116

REV	DATE	DESCRIPTION	AVI	SRJ	ASA	IAN
A	29/01/25	FOR TENDER				
		DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED

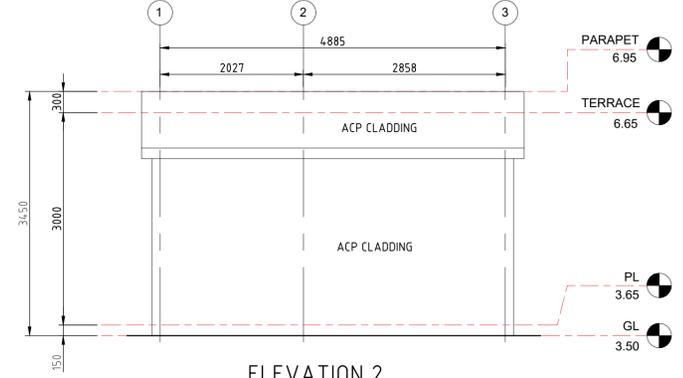
PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
TITLE: KADMATH WESTERN SIDE ICE PLANT PLAN, ELEVATION AND SECTION
DRAWING NO: TDG118
SHEET NO. 1 OF 1
SIZE A1
SCALE: AS SHOWN



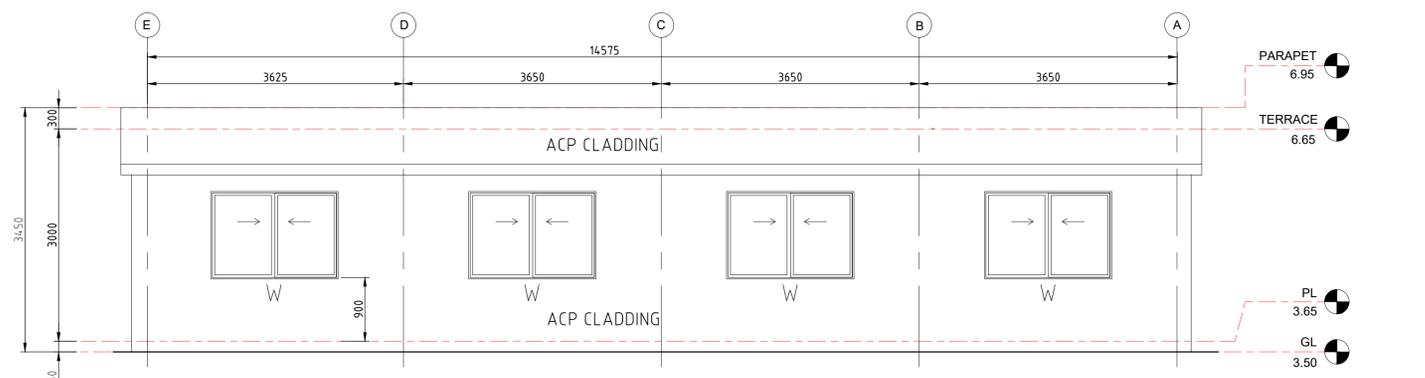
This drawing is the property of ASSYSTEM INDIA LIMITED and must not be passed on to any person or body not authorised by us to receive it nor be copied or otherwise made use either in full or in part by such person or body without our prior permission in writing.



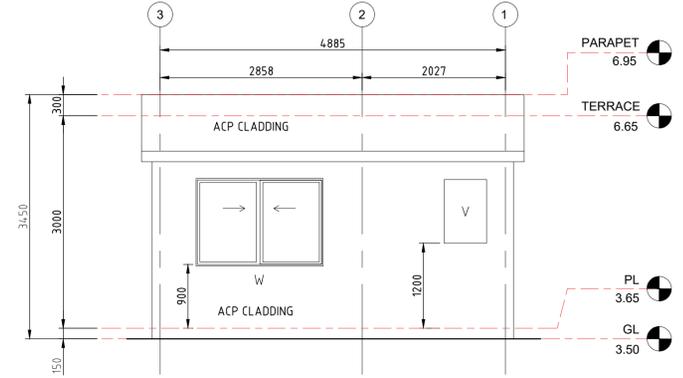
ELEVATION 1
(SCALE 1:50)



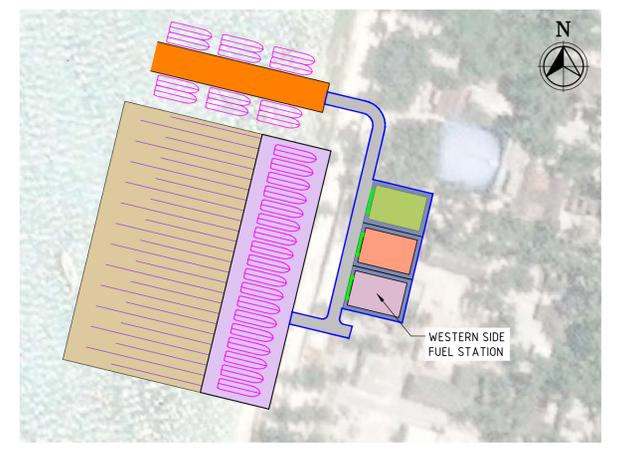
ELEVATION 2
(SCALE 1:50)



ELEVATION 3
(SCALE 1:50)

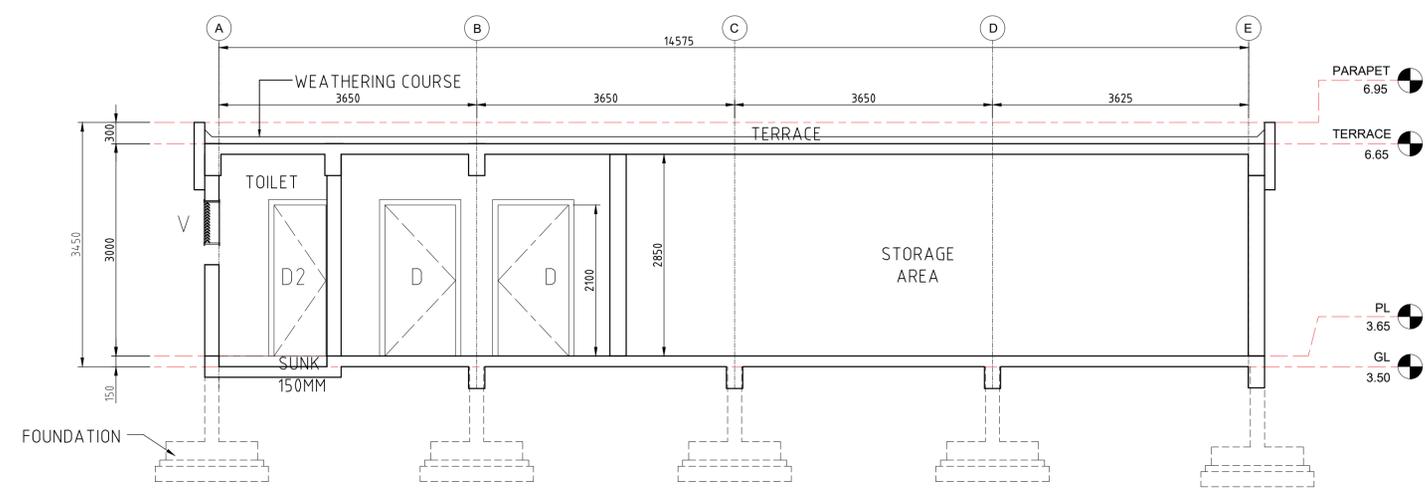


ELEVATION 4
(SCALE 1:50)

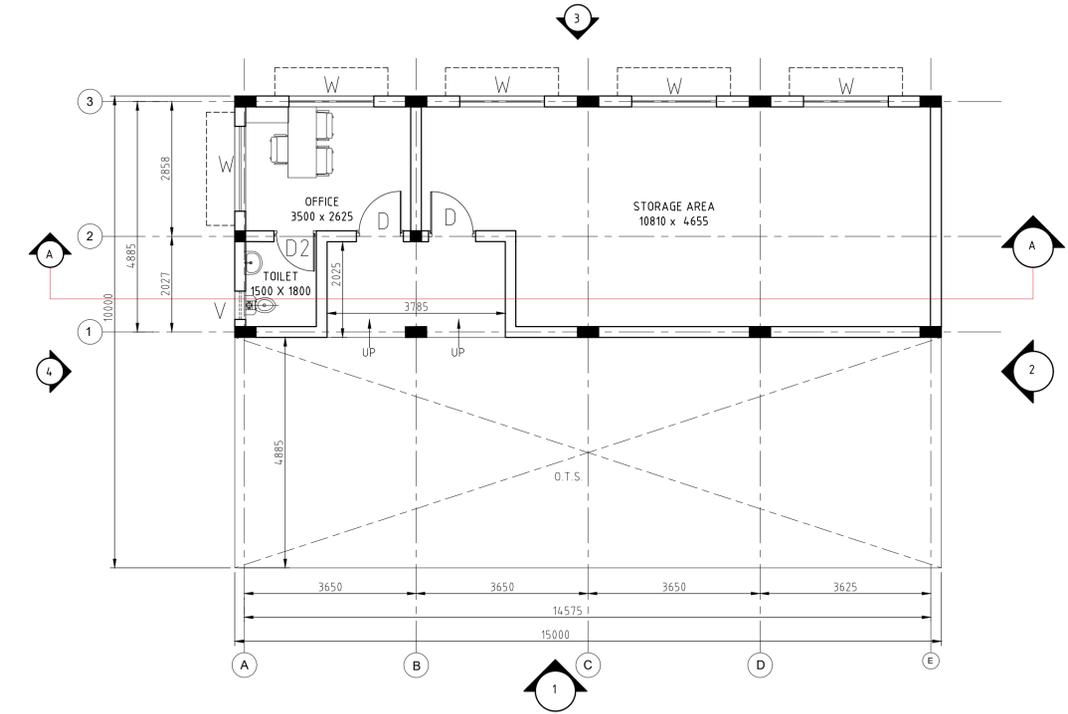


KEYPLAN
(SCALE 1:25000)

SCHEDULE OF JOINERIES				
NAME	WIDTH	HEIGHT	SILL	QUANTITY
D	1000	2100	0	2
D2	900	2100	0	1
W	1800	1200	900	5
V	600	900	1200	1



SECTION AA
(SCALE 1:50)



FLOOR PLAN
(SCALE 1:75)

FOR TENDER PURPOSE ONLY

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND ARE WITH RESPECT TO CHART DATUM (CD)
3. FURNITURE SHOWN ARE NOT INCLUDED IN THE SCOPE OF THE CONTRACT

OWNER:
UNION TERRITORY OF LAKSHADWEEP ADMINISTRATION
UT OF LAKSHADWEEP ADMINISTRATION
DEPT. OF PORT, SHIPPING AND AVIATION,
KAVARATTI - 682555

CLIENT:
COCHIN PORT AUTHORITY
WILLINGDON ISLAND,
COCHIN - 682009

DESIGN CONSULTANT:
ASSYSTEM INDIA LIMITED
RMZ One Paramount, Campus 10
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REV	DATE	DESCRIPTION	AVI	SRJ	ASA	IAN
A	29/01/25	FOR TENDER				
			DRAWN	DESIGNED	CHECKED	APPROVED

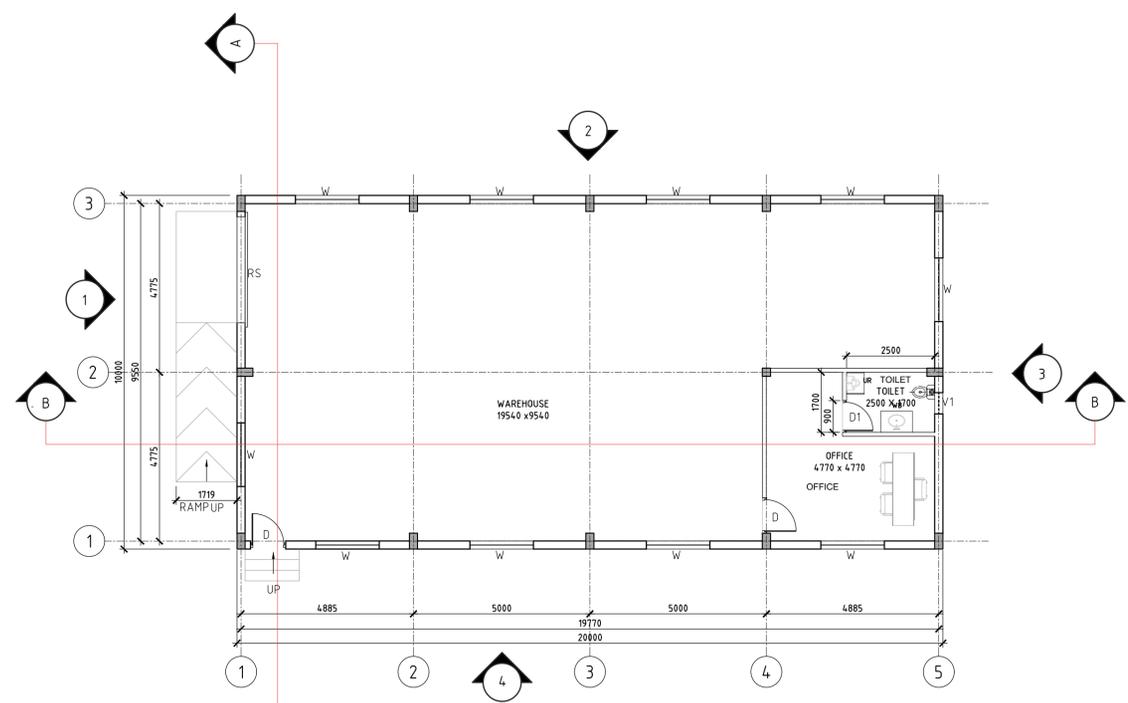
PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
TITLE: KADMATH WESTERN SIDE FUEL STATION PLAN AND ELEVATION
DRAWING NO.: TDG119
SHEET NO. 1 OF 1
SCALE: AS SHOWN



SCHEDULE OF JOINERY			
NAME	WIDTH	HEIGHT	SILL
D1	900	2100	0
D	1000	2100	0
W	1800	1350	900
V1	600	750	1350
RS	3000	3000	0



KEYPLAN
(SCALE 1:25000)

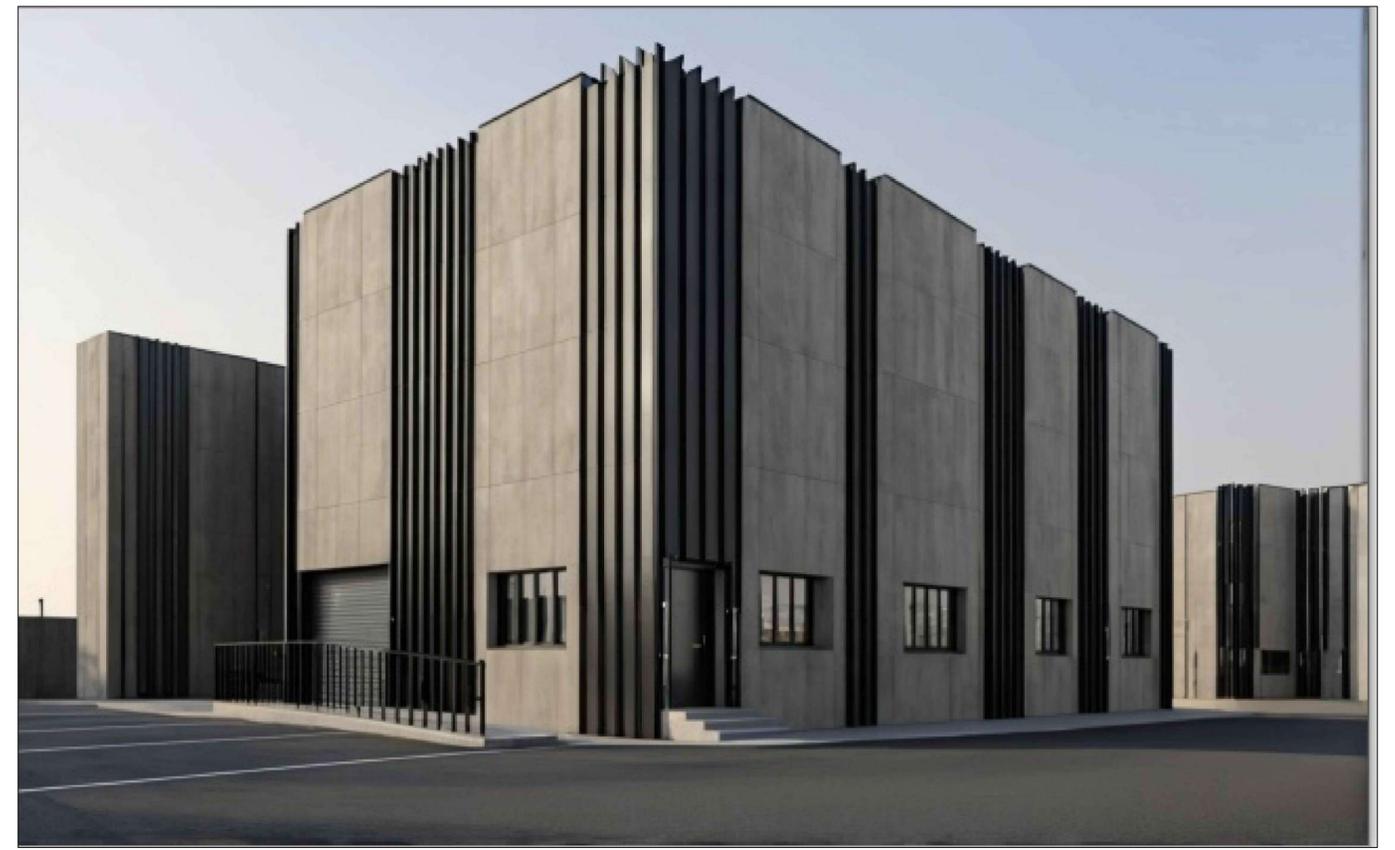


FLOOR PLAN
(SCALE 1:100)

PLINTH AREA - 200 Sq.m



VIEW-1



VIEW-2

FOR TENDER PURPOSE ONLY

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES.
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OWNER:
UNION TERRITORY OF LAKSHADWEEP ADMINISTRATION
UT OF LAKSHADWEEP ADMINISTRATION
DEPT OF PORT, SHIPPING AND AVIATION,
KAVARATTI - 682555

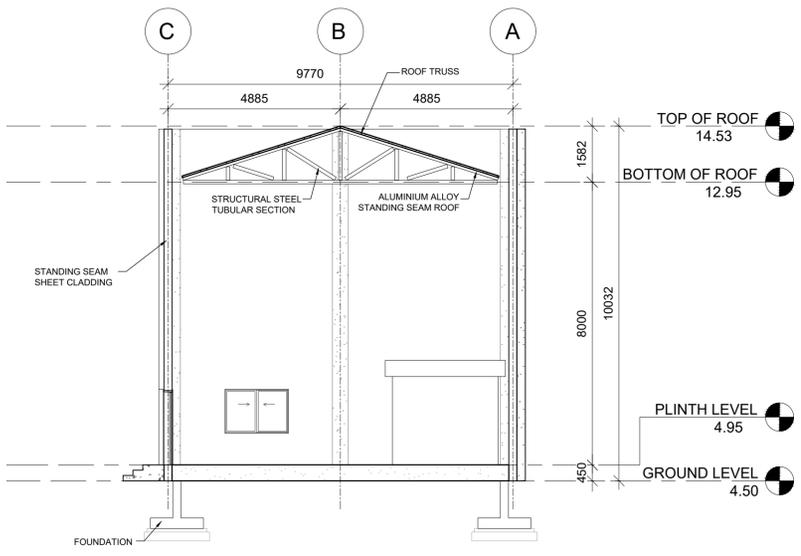
CLIENT:
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COCHIN - 682009

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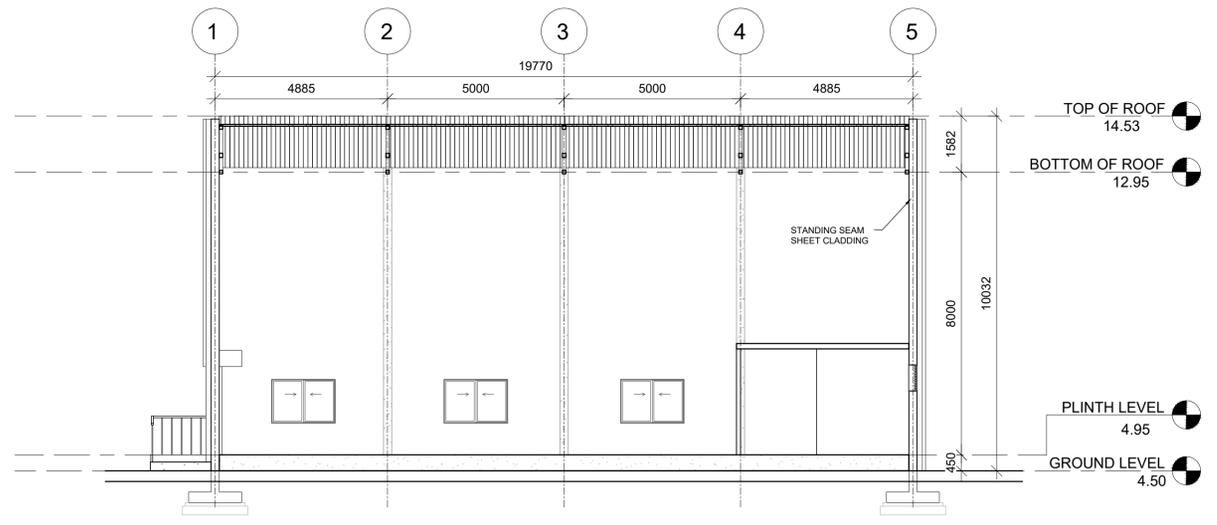
REV	DATE	DESCRIPTION	AVI	SRJ	ASA	IAN
A	28/01/25	FOR TENDER				
		DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED

PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
TITLE: KADMATH EASTERN SIDE - WAREHOUSE - FLOOR PLAN & SECTION
DRAWING NO.: TDG120
SHEET NO. 1 OF 2
SIZE A1
SCALE: AS SHOWN

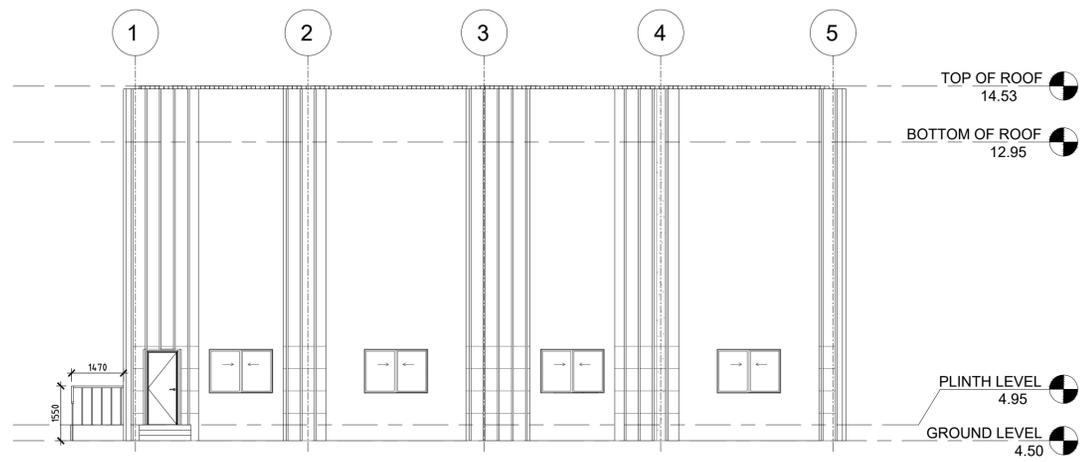




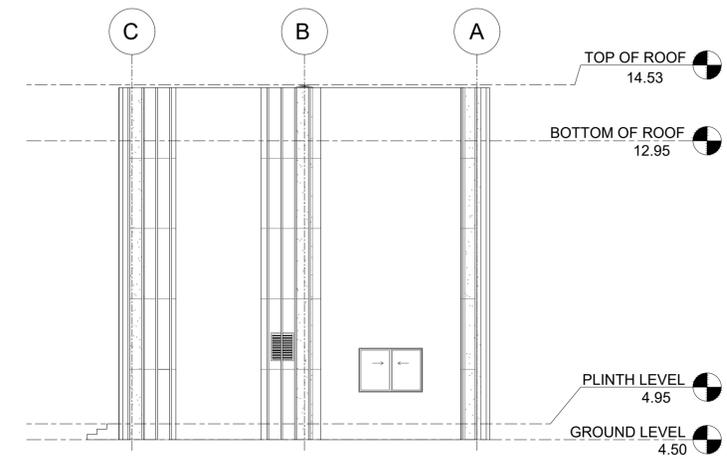
SECTION AA
(SCALE 1:100)



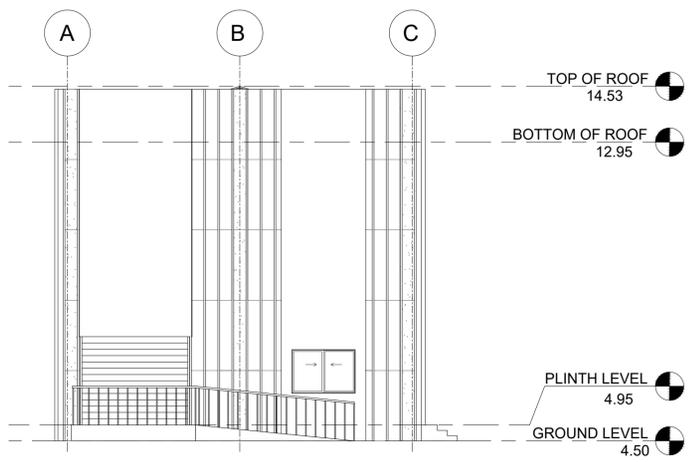
SECTION BB
(SCALE 1:100)



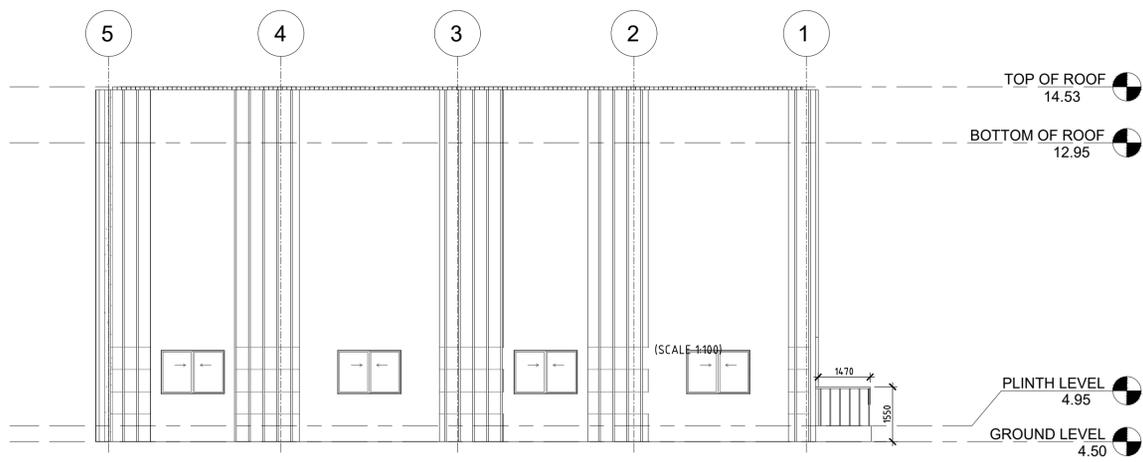
ELEVATION 4
(SCALE 1:100)



ELEVATION 3
(SCALE 1:100)



ELEVATION 1
(SCALE 1:100)



ELEVATION 2
(SCALE 1:100)

FOR TENDER PURPOSE ONLY

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND ARE WITH RESPECT TO CHART DATUM (CD)
3. FURNITURE SHOWN ARE NOT INCLUDED IN THE SCOPE OF THE CONTRACT

OWNER:
UNION TERRITORY OF LAKSHADWEEP ADMINISTRATION
UT OF LAKSHADWEEP ADMINISTRATION
DEPT. OF PORT, SHIPPING AND AVIATION,
KAVARATTI - 682555

CLIENT:
COCHIN PORT AUTHORITY
WILLINGTON ISLAND,
COCHIN - 682009

DESIGN CONSULTANT:
ASSYSTEM INDIA LIMITED
RMZ One Paramount, Campus 10
5th Floor, Unit No.502
110, Mount Poonamallee Road,
Porur, Chennai - 600116

REV.	DATE	DESCRIPTION	FOR TENDER	AVI	SRJ	ASA	IAN
A	29/01/25						
			DRAWN	DESIGNED	CHECKED	APPROVED	

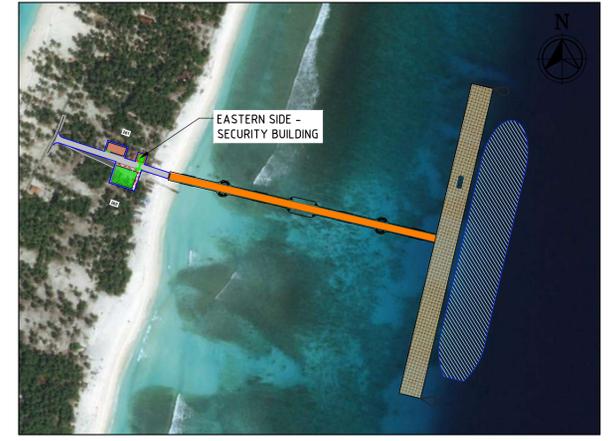
PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS

TITLE: KADMATH EASTERN SIDE - WAREHOUSE - ELEVATIONS

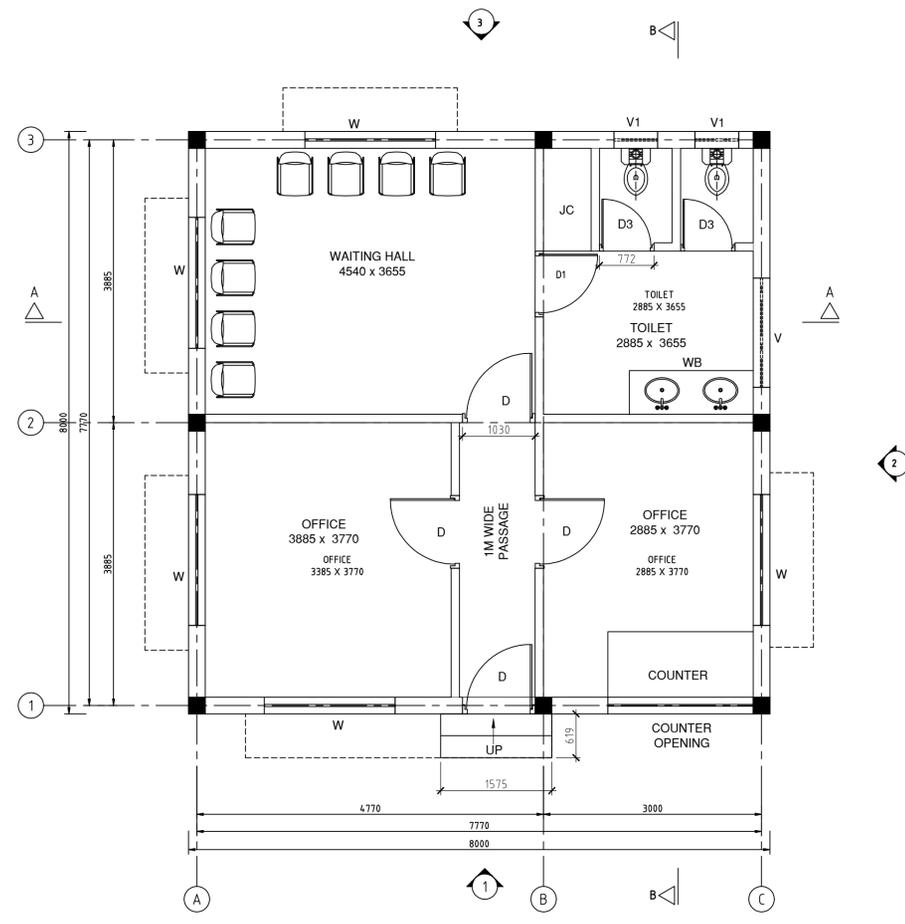
DRAWING NO.: TDG120

SHEET NO. 2 OF 2
SIZE A1
SCALE: AS SHOWN





KEYPLAN
(SCALE 1:25000)



GROUND FLOOR PLAN
(SCALE 1:50)

PLINTH AREA - 64 Sq.m



KALPENI EASTERN SECURITY BUILDING 3D VIEW

SCHEDULE OF JOINERY			
NAME	WIDTH	HEIGHT	SILL
D	1000	2100	0
D3	750	2100	0
W	1800	1350	750
V1	600	900	1200
D1	900	2100	0
COUNTER OPENING	2000	1350	750

FOR TENDER PURPOSE ONLY

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UNION TERRITORY OF LAKSHADWEEP ADMINISTRATION
UT OF LAKSHADWEEP ADMINISTRATION
DEPT. OF PORT, SHIPPING AND AVIATION,
KAVARATTI - 682555

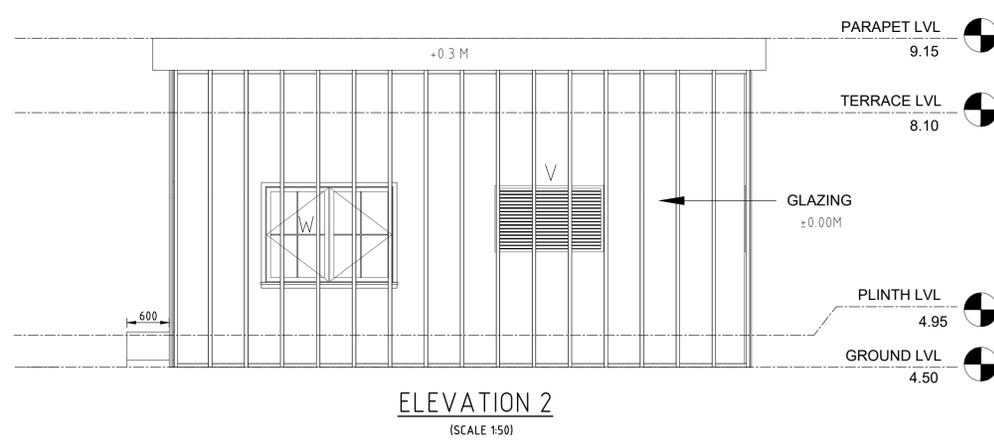
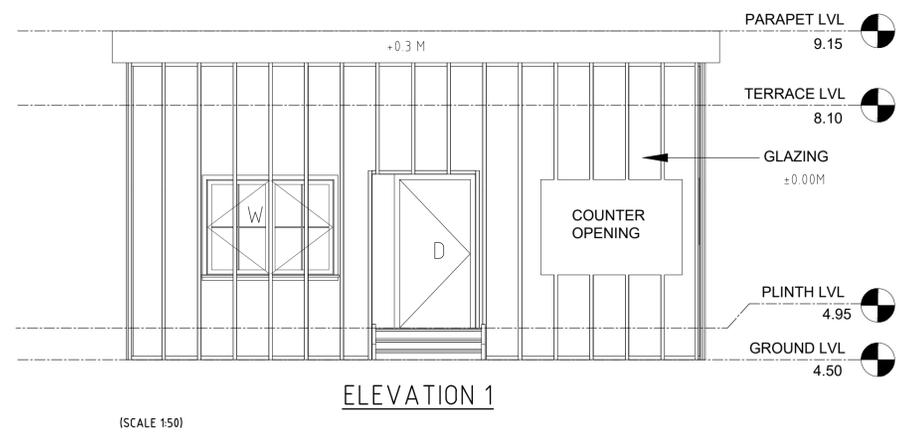
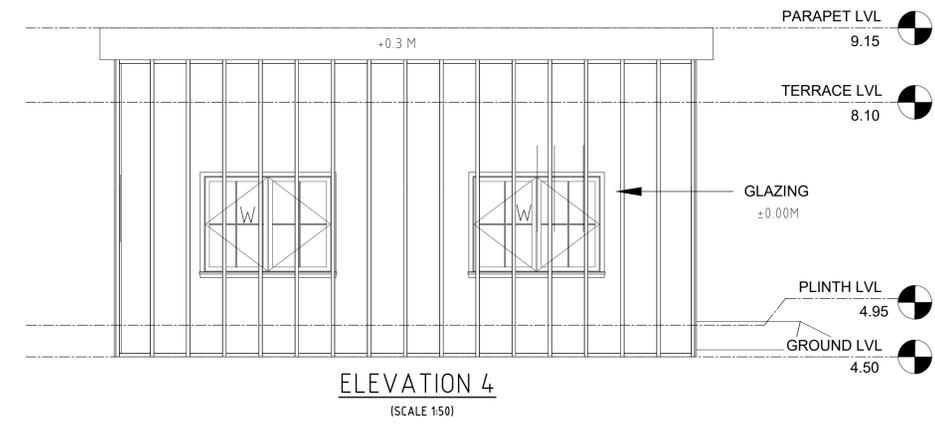
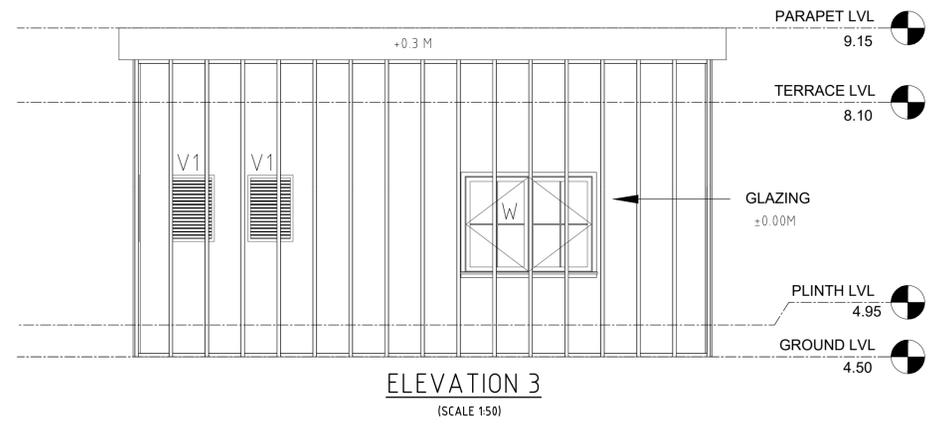
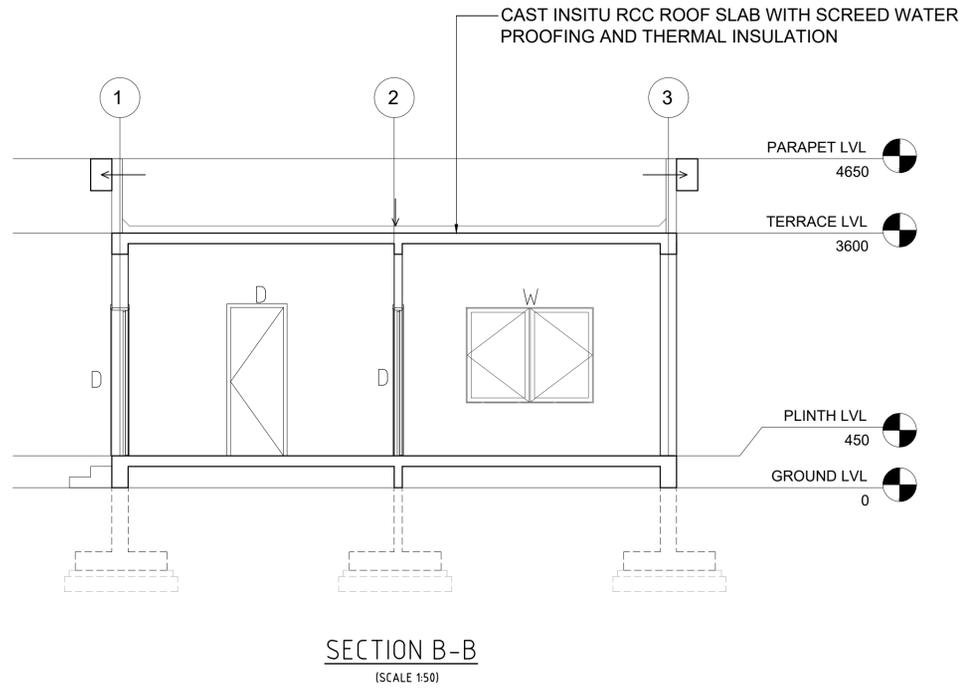
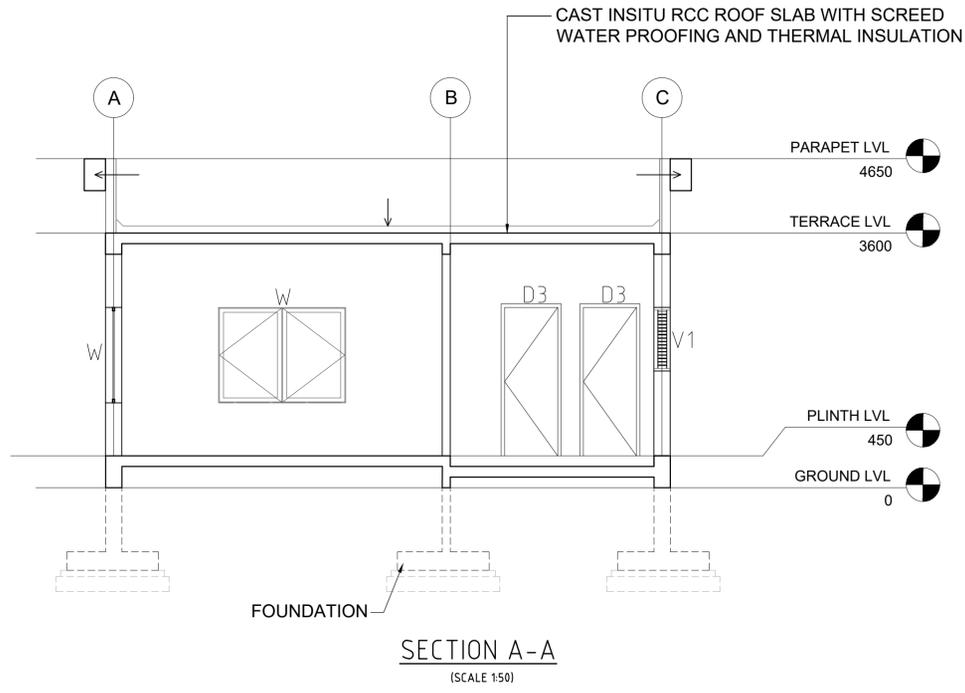
CLIENT:
COCHIN PORT AUTHORITY
WILLINGDON ISLAND,
COCHIN - 682009

DESIGN CONSULTANT:
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RMZ One Paramount, Campus 10
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		DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED

PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
TITLE: KADMATH EASTERN SIDE - SECURITY BUILDING PLAN AND ELEVATION
DRAWING NO.: TDG121

SHEET NO. 1 OF 2
SIZE A1
SCALE: AS SHOWN



FOR TENDER PURPOSE ONLY

NOTES:
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2. ALL LEVELS ARE IN METRES AND ARE WITH RESPECT TO CHART DATUM (CD)
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UT OF LAKSHADWEEP ADMINISTRATION
DEPT. OF PORT, SHIPPING AND AVIATION,
KAVARATTI - 682555

CLIENT:
COCHIN PORT AUTHORITY
WILLINGDON ISLAND,
COCHIN - 682009

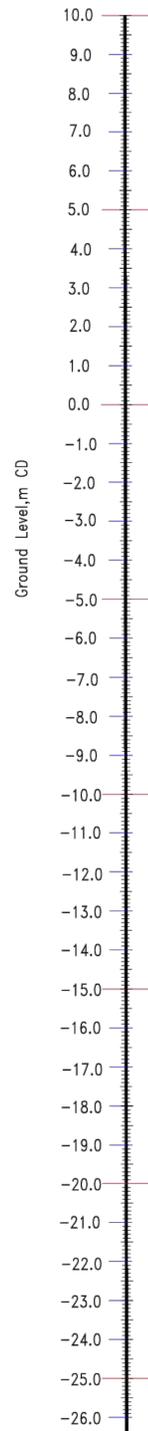
DESIGN CONSULTANT:
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Porur, Chennai - 600116

REV.	DATE	DESCRIPTION	AST	SRJ	ASA	IAN
FOR TENDER			DRAWN	DESIGNED	CHECKED	APPROVED
A	28/01/25					

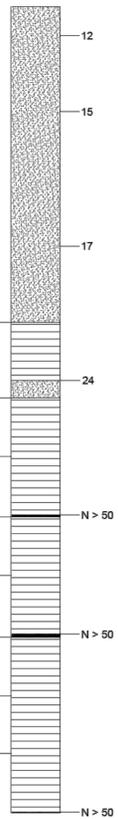
PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
TITLE: KADMATH EASTERN SIDE - SECURITY BUILDING ELEVATIONS AND SECTIONS
DRAWING NO.: TDG121
SHEET NO. 2 OF 2
SIZE A1
SCALE: AS SHOWN



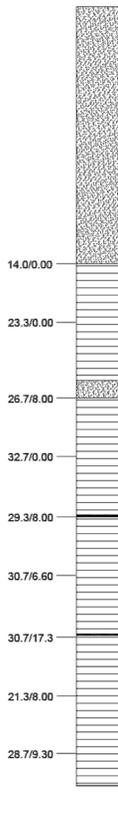
BOREHOLE PROFILE KADMATH



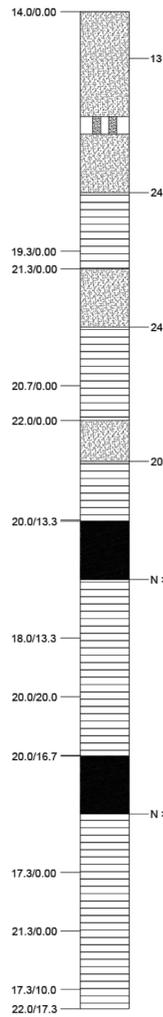
Western Side Jetty
Approach Trestle
BH-1
E:72°46'26.00"
N:11°13'29.00"
RL: 0.9m CD



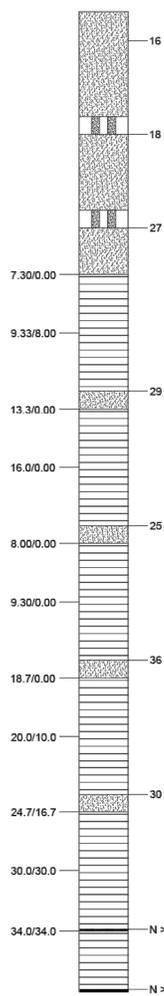
Western Side Jetty
Jetty Head
BH-2
E:72°46'25.00"
N:11°13'28.00"
RL: 0.9m CD



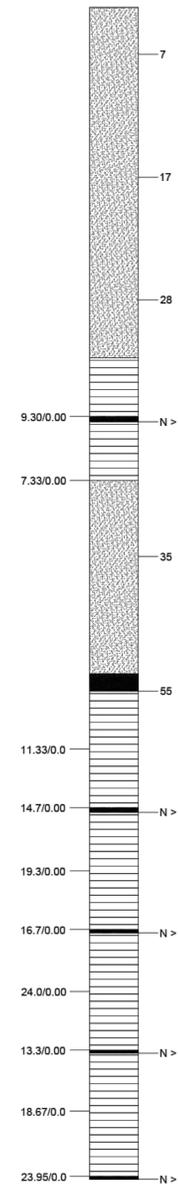
Western Side Jetty
At Land
BH-LB1
E:72°46'27.00"
N:11°13'25.00"
RL: 0.0m CD



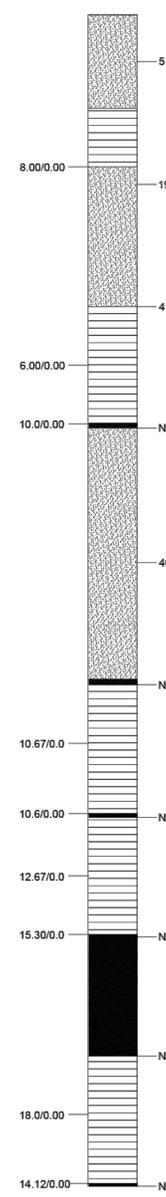
Eastern Side Jetty
At Land
BH-LB2
E:72°45'52.00"
N:11°11'38.00"
RL: 0.0m CD



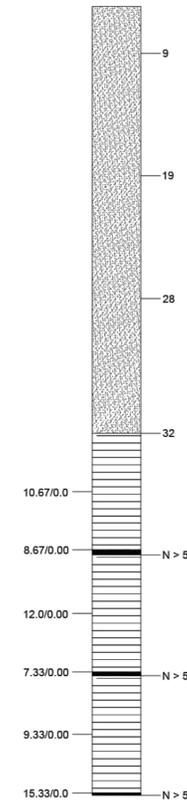
Eastern Side Jetty
Jetty Head
BH-3
E:75°46'04.00"
N:11°11'30.00"
RL: 7.7m CD



Eastern Side Jetty
Jetty Head
BH-4
E:72°46'06.00"
N:11°11'39.00"
RL: 5.6m CD

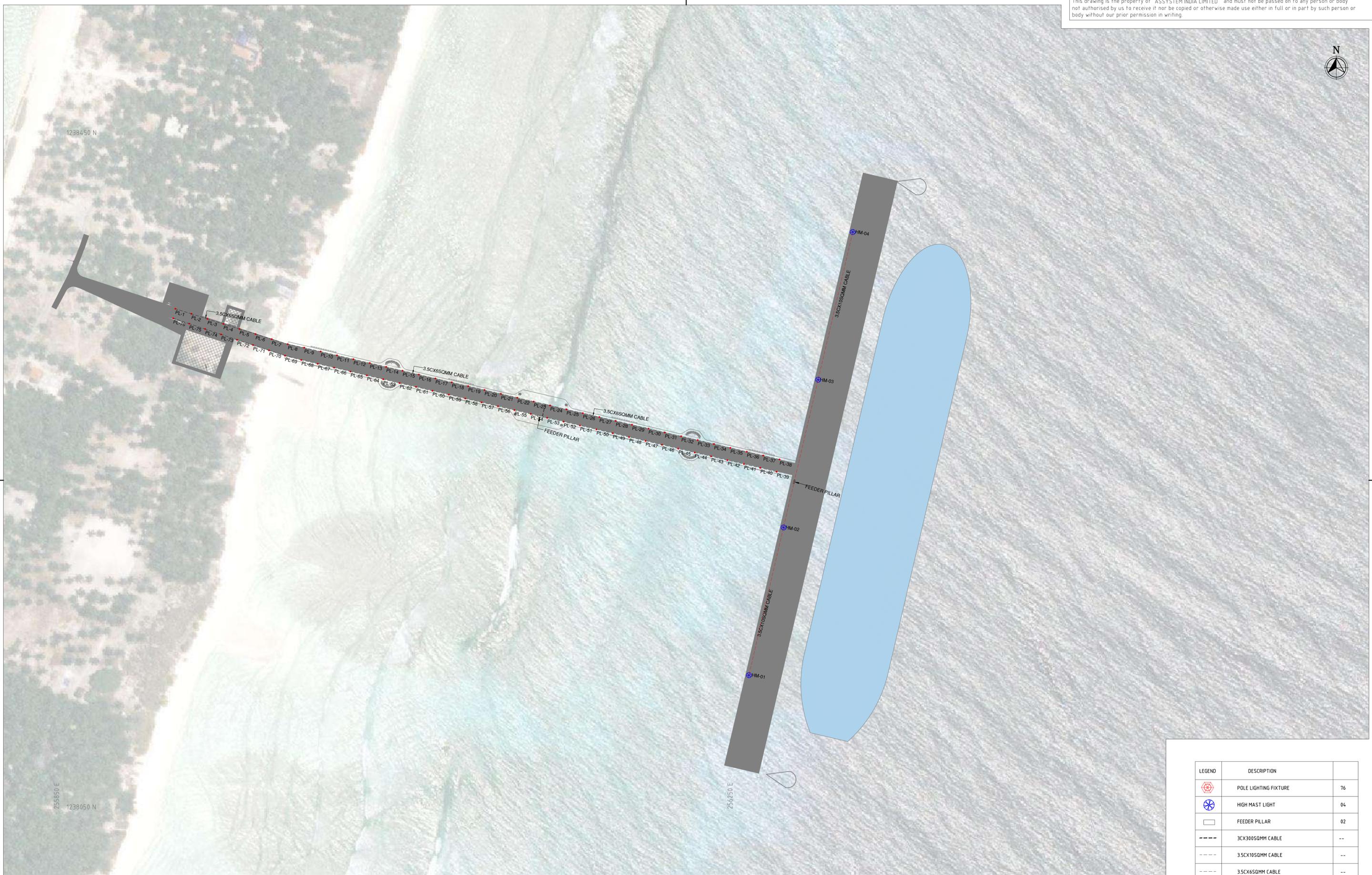


Eastern Side Jetty
Approach Trestle
BH-5
E:72°45'59.00"
N:11°11'36.00"
RL: 3.0m CD



LEGENDS

- Coral Sand
- Soft Rock
- Very Dense Coral Sand
- Silty SAND



EASTERN SIDE ELECTRICAL CABLING LAYOUT

LEGEND	DESCRIPTION	
	POLE LIGHTING FIXTURE	76
	HIGH MAST LIGHT	04
	FEEDER PILLAR	02
	3CX30SQMM CABLE	--
	3.5CX10SQMM CABLE	--
	3.5CX6SQMM CABLE	--

FOR TENDER PURPOSE ONLY

NOTES:
 1. ALL DIMENSIONS ARE IN METRES.
 2. ALL LEVELS ARE IN METRES AND ARE WITH RESPECT TO CHART DATUM (CD).
 3. ALL COORDINATES ARE GIVEN IN METRES REFERRED TO UNIVERSAL TRANSVERSE MERCATOR (UTM) PROJECTION, SPHEROID (WGS 1984), ZONE 43.

OWNER:
 UNION TERRITORY OF LAKSHADWEEP ADMINISTRATION
 DEPT. OF LAKSHADWEEP ADMINISTRATION
 KAVARATTI - 682555

CLIENT:
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 WILLINGDON ISLAND,
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DESIGN CONSULTANT:
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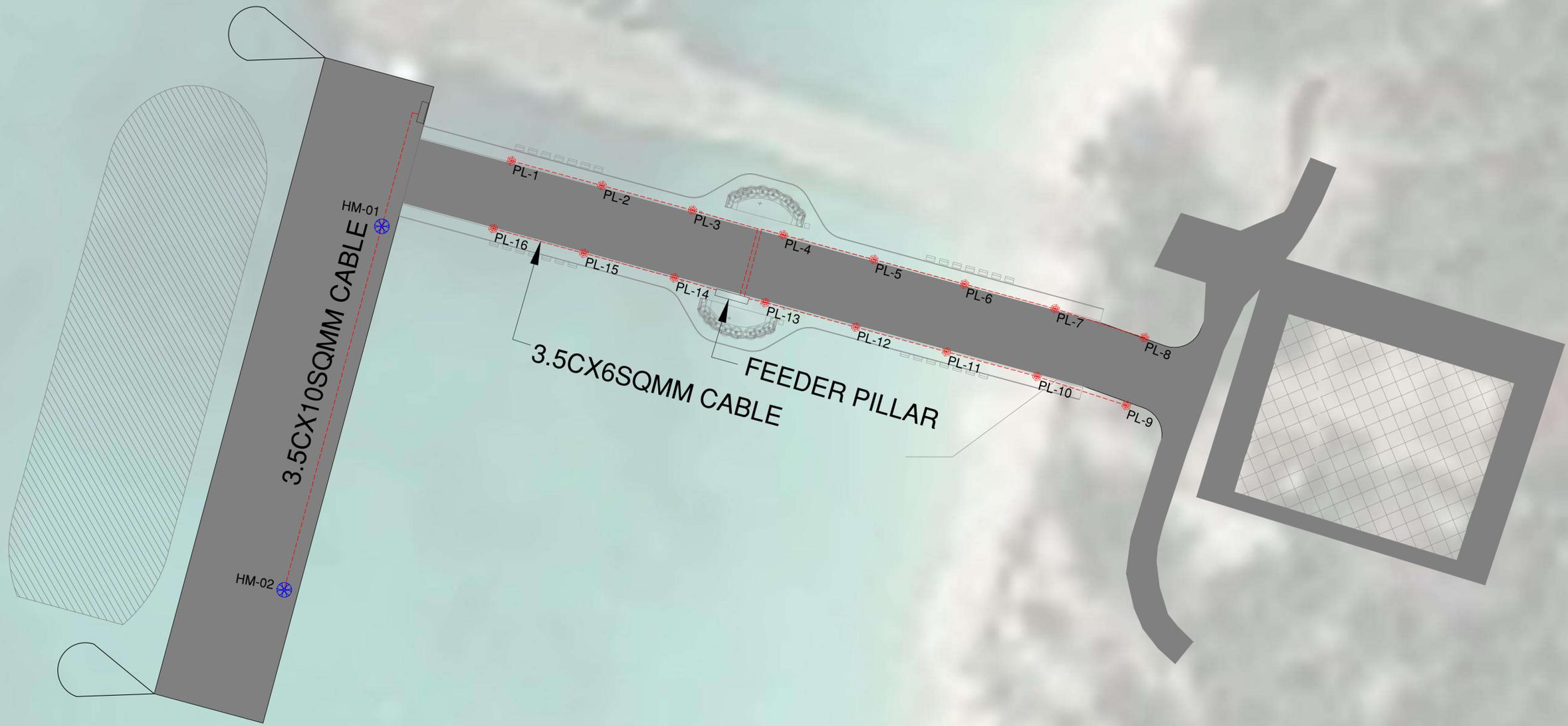
REV.	DATE	DESCRIPTION	FOR TENDER	AVI	SRJ	ASA	IAN
A	29/01/25						

PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS

TITLE: KADMATH ELECTRICAL CABLING LAYOUT

DRAWING NO.: TDG123
 SHEET NO. 1 OF 2
 SCALE: 1:1000





LEGEND	DESCRIPTION	
	POLE LIGHTING FIXTURE	16
	HIGH MAST LIGHT	02
	FEEDER PILLAR	02
	3.5CX10SQMM CABLE	--
	3.5CX6SQMM CABLE	--
	3CX300SQMM CABLE	--

WESTERN SIDE ELECTRICAL CABLING LAYOUT

FOR TENDER PURPOSE ONLY

NOTES:
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OWNER:
 UNION TERRITORY OF LAKSHADWEEP ADMINISTRATION
 DEPT. OF PORT, SHIPPING AND AVIATION,
 KAVARATTI - 682555

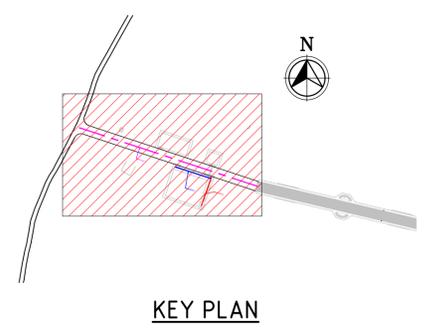
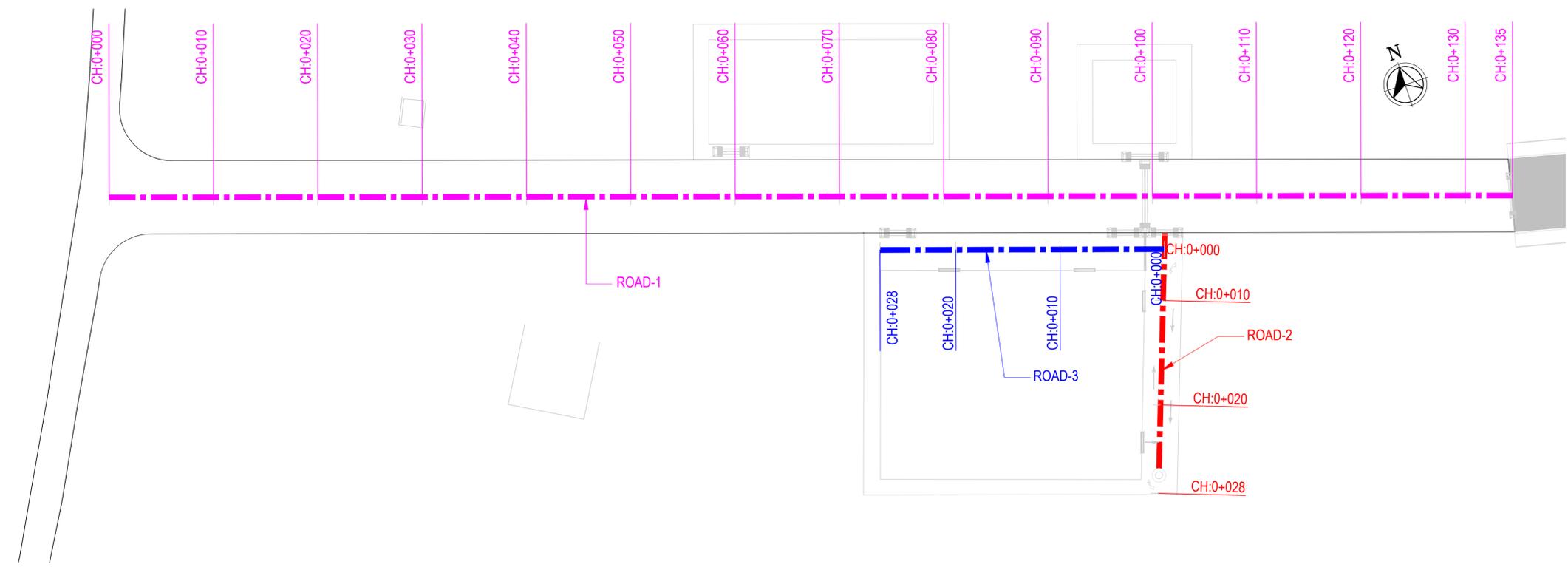
CLIENT:
 COCHIN PORT AUTHORITY
 WILLINGDON ISLAND,
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DESIGN CONSULTANT:
 ASSYSTEM INDIA LIMITED
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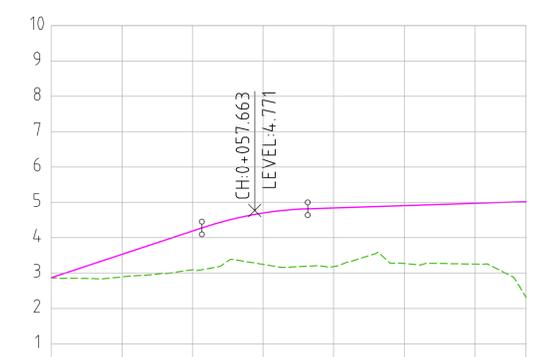
REV.	DATE	DESCRIPTION	AVI	SRJ	ASA	IAN
A	23/01/25	FOR TENDER				
			DRAWN	DESIGNED	CHECKED	APPROVED

PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
 TITLE: KADMATH ELECTRICAL CABLING LAYOUT
 DRAWING NO.: TDG123
 SHEET NO. 2 OF 2
 SIZE A1
 SCALE: 1:1000





PLAN



DATUM : 0.000

PROPOSED ROAD LEVEL	3.198	3.528	3.858	4.188	4.491	4.699	4.807	4.843	4.876	4.908	4.940	4.973	5.005	5.020	5.020
EXISTING GROUND LEVEL	2.861	2.848	2.891	2.971	3.093	3.339	3.246	3.182	3.185	3.491	3.273	3.272	3.254	2.933	2.307
HORIZONTAL SCHEMATIC	L=135.000														
VERTICAL SCHEMATIC	G=-3.30%										G=-0.32%				
DESIGN CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	

LONGITUDINAL PROFILE OF ROAD-1



DATUM : 0.000

PROPOSED ROAD LEVEL	4.900	4.759	4.619	4.619
EXISTING GROUND LEVEL	3.225	3.202	3.108	3.223
HORIZONTAL SCHEMATIC	L=28.000			
VERTICAL SCHEMATIC	G=-1.407%			
DESIGN CHAINAGE	0.000	10.000	20.000	28.000

LONGITUDINAL PROFILE OF ROAD-2



DATUM : 0.000

PROPOSED ROAD LEVEL	4.500	4.709	4.588
EXISTING GROUND LEVEL	3.225	3.202	3.108
HORIZONTAL SCHEMATIC	L=28.000		
VERTICAL SCHEMATIC	G=-1.212%		
DESIGN CHAINAGE	0.000	10.000	28.000

LONGITUDINAL PROFILE OF ROAD-3

NOTES:
1. ALL DIMENSIONS ARE IN METRES.

OWNER:
UNION TERRITORY OF LAKSHADWEEP ADMINISTRATION
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DEPT OF PORT, SHIPPING AND AVIATION,
KAVARATTI - 682555

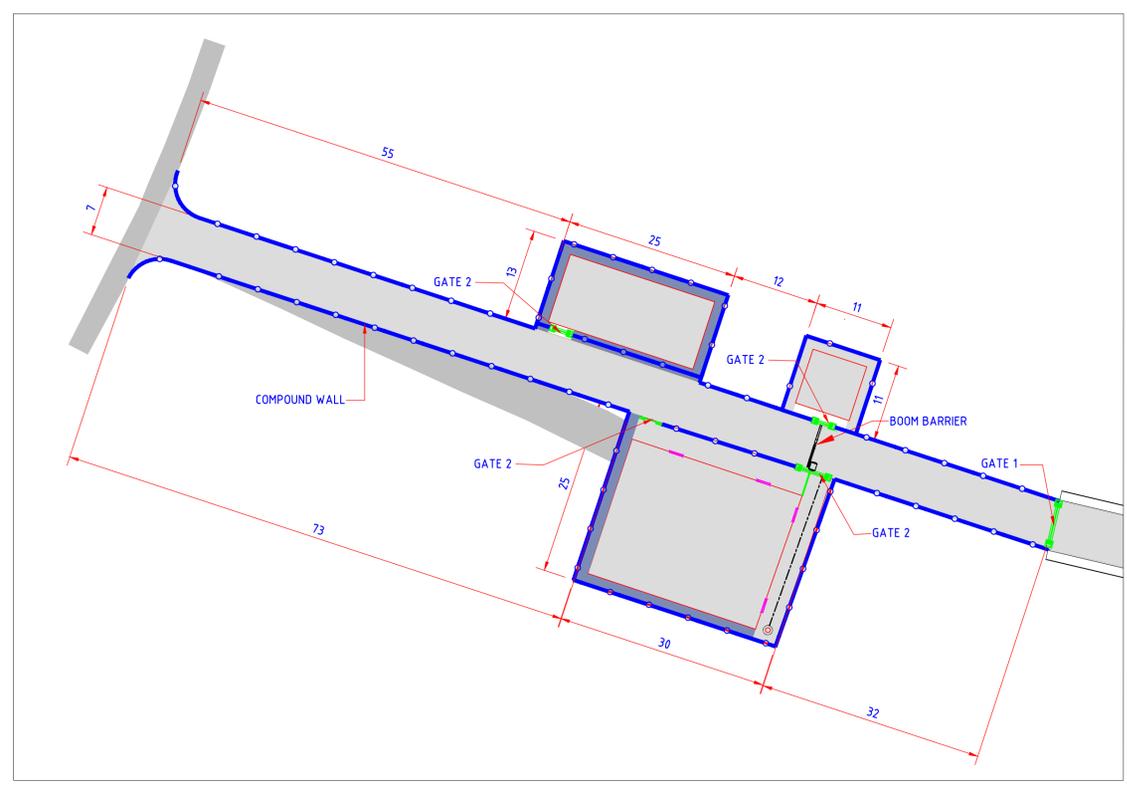
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WILLINGDON ISLAND,
COCHIN - 682009

DESIGN CONSULTANT:
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RMZ One Paramount, Campus 10
5th Floor, Unit No.502
110, Mount Poonamallee Road,
Porur, Chennai - 600116

REV	DATE	DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED
A	29/01/25	FOR TENDER	AVI	SRJ	ASA	IAN

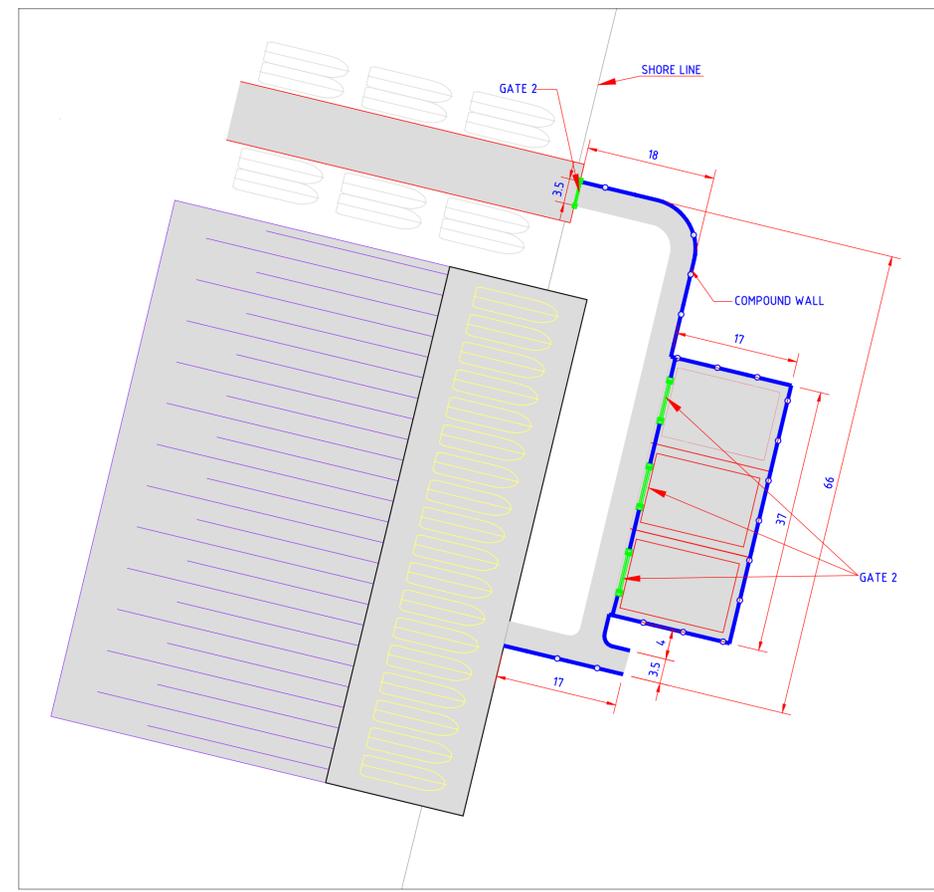
PROJECT : CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
TITLE : KADMATH EASTERN JETTY - ROAD PLAN & PROFILE
DRAWING NO : TDG124
SHEET NO. 1 OF 3
SIZE A1
SCALE : 1:1000





LAYOUT OF COMPOUND WALL FOR EASTERN SIDE
(SCALE 1:5)

MINIMUM LENGTH OF COMPOUND WALL FOR EASTERN SIDE = 400M

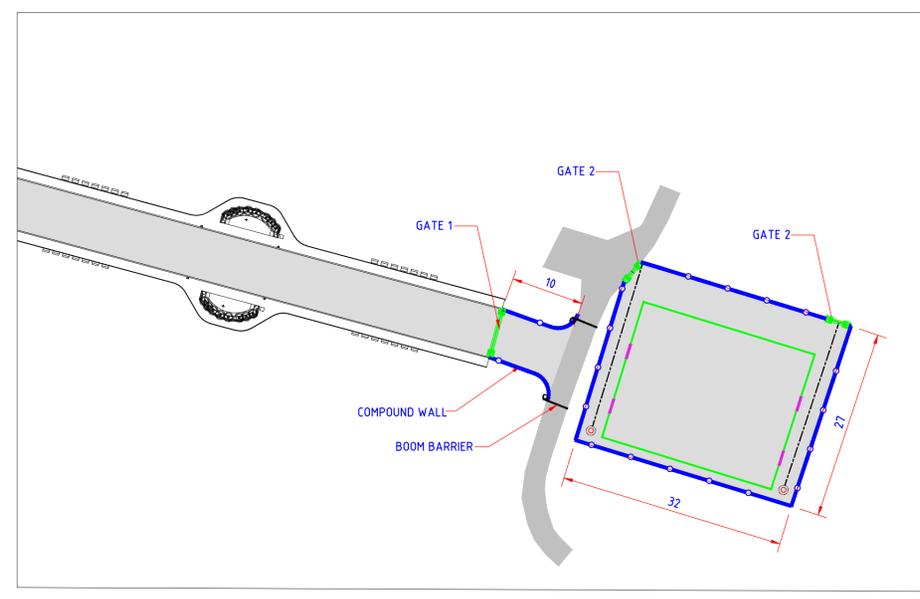


LAYOUT OF COMPOUND WALL FOR BOAT LANDING FACILITY
(SCALE 1:5)

MINIMUM LENGTH OF COMPOUND WALL FOR BOAT LANDING FACILITY = 151M

LEGEND

DESCRIPTION	UNITS
GATE - 1 (CONCRETE STRUCTURE)	2 NOS
GATE - 2 (STEEL PIVOTED)	9 NOS
BOOM BARRIER	3 NOS



LAYOUT OF COMPOUND WALL FOR WESTERN SIDE
(SCALE 1:5)

MINIMUM LENGTH OF COMPOUND WALL FOR WESTERN SIDE = 135M



GATE 1 VIEW
(SCALE NTS)

FOR TENDER PURPOSE ONLY

NOTES:
1. ALL DIMENSIONS ARE IN METRES.

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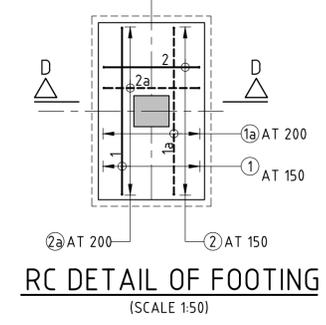
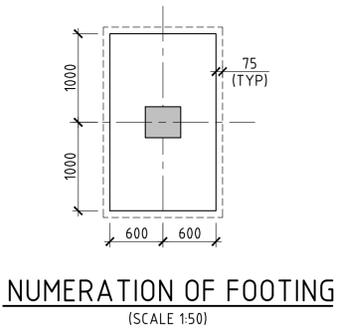
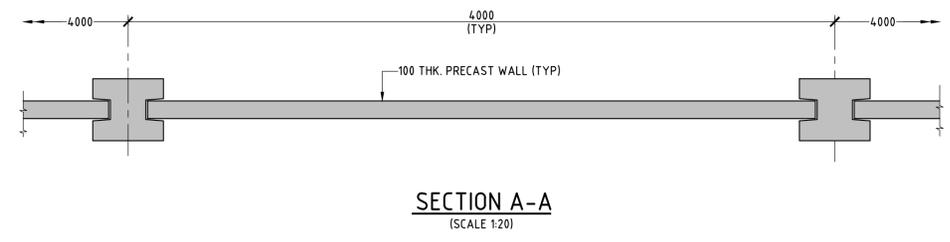
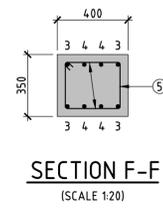
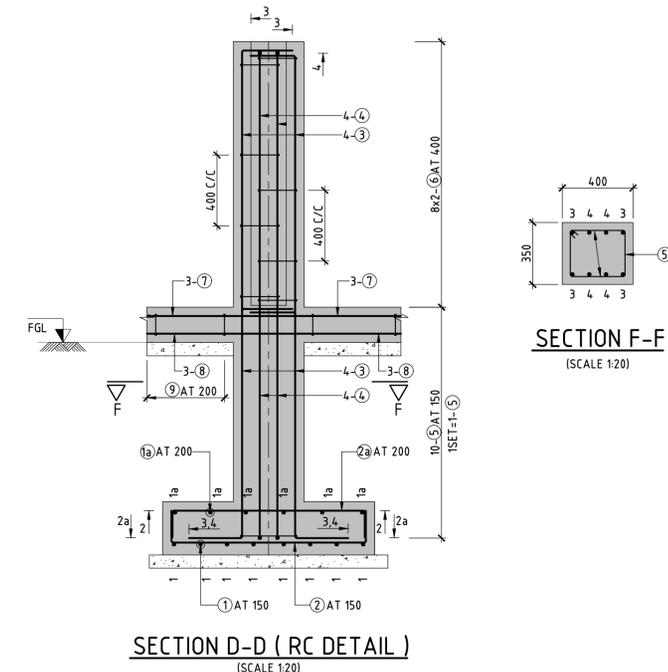
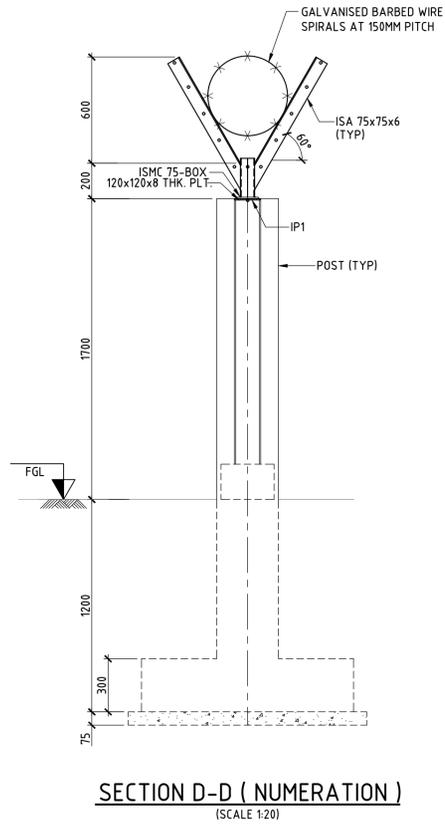
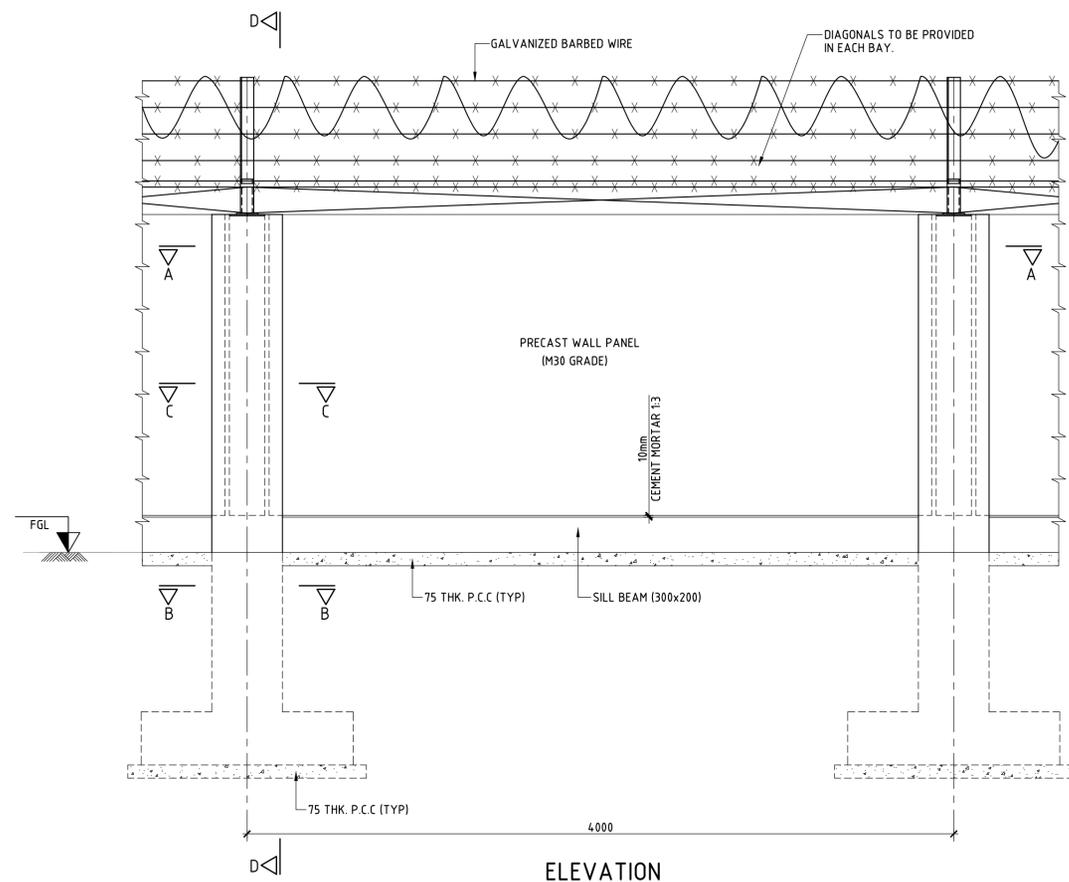
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A	23/01/25	FOR TENDER	DAR	SRJ	ASA	IAN

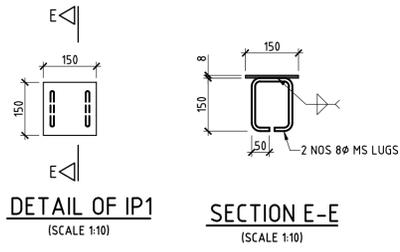
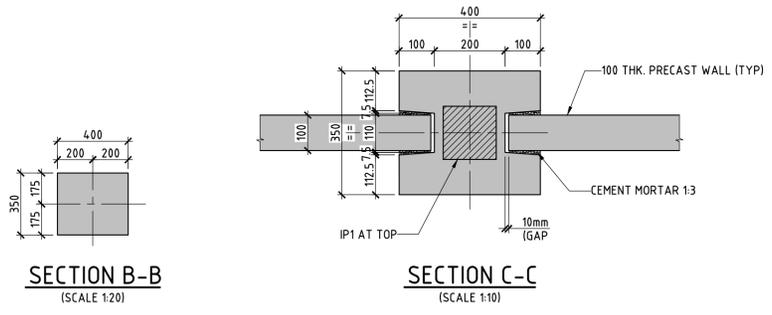
PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS
TITLE: KADMATH LAYOUT OF COMPOUND WALL
DRAWING NO: TDG125
SHEET NO: 1 OF 2
SCALE: 1:1000





REINFORCEMENT DETAILS:-

BAR MARK	TYPE/DIA	DIM/SHAPE
①	C10	200
②	C10	200
①a	C10	200
2a	C10	200
③	C10	300
④	C16	250
⑤	C8	300
⑥	C8	45
⑦	C12	—
⑧	C12	—
⑨	C8	45
⑩	C8	45
⑪	C8	45



DESCRIPTION	FGL
EASTERN SIDE	(+) 4.5m CD
WESTERN SIDE	(+) 3.5m CD
BOAT LANDING FACILITY	(+) 3.5m CD

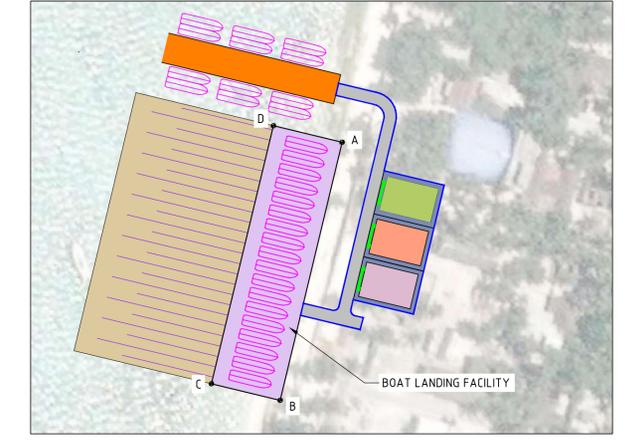
- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED; ALL LEVELS ARE IN METRES WITH RESPECT TO CD.
 - GRADE OF CONCRETE SHALL BE M30 UNLESS STATED OTHERWISE.
 - ALL STRUCTURAL SECTIONS ARE CONFORMING TO ASTM A36 OR EQUIVALENT (IS2062 Gr A) WITH MIN. YIELD STRENGTH OF 250MPa
 - ALL PLATES AND STRUCTURAL STEEL SECTIONS SHALL BE PAINTED AS PER TECHNICAL SPECIFICATION.
 - THE GALVANISED STEEL BARBED WIRE B1 CONFORMING TO IS:278

ABBREVIATION :-

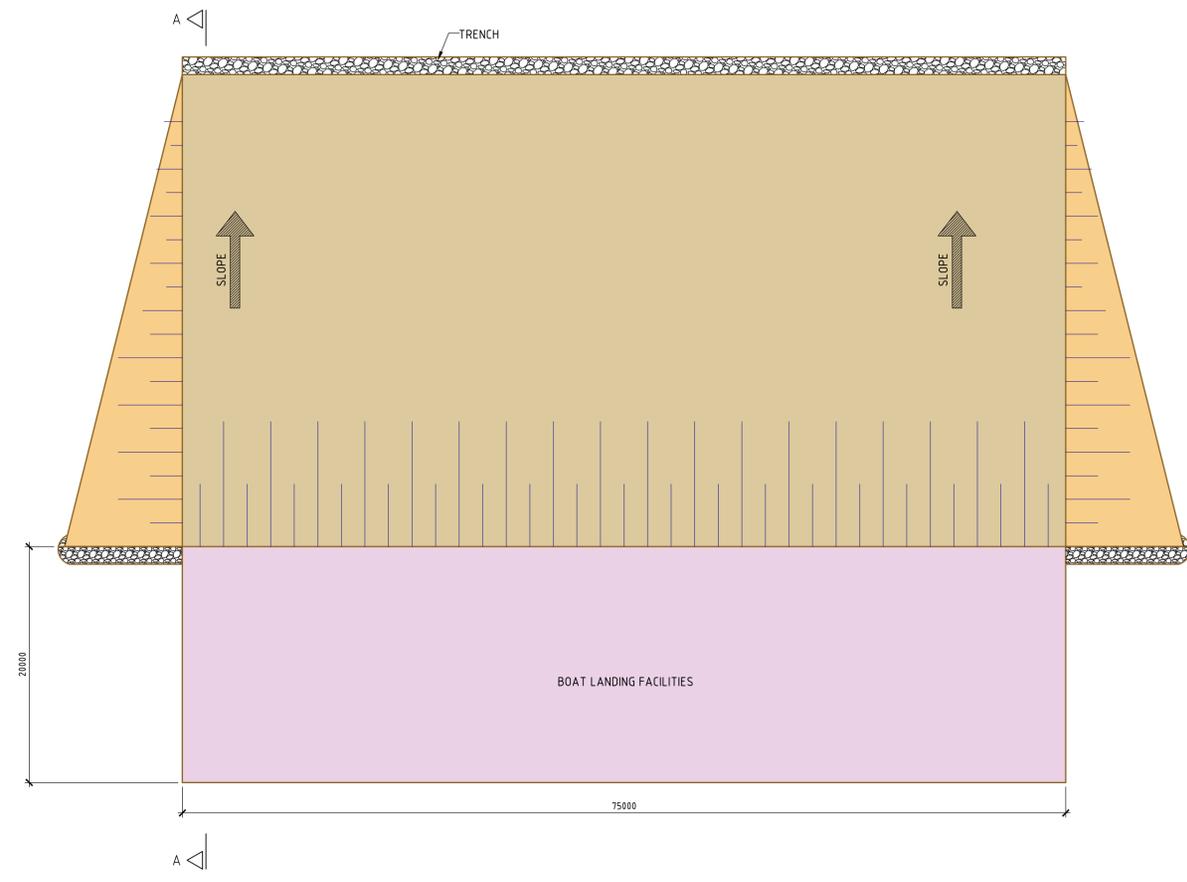
CD	- CHART DATUM
FGL	- FINISHED GROUND LEVEL
TYP	- TYPICAL
NOM	- NOMINAL
TOL	- TOLERANCE

FOR TENDER PURPOSE ONLY

NOTES:	OWNER: UNION TERRITORY OF LAKSHADWEEP ADMINISTRATION UT OF LAKSHADWEEP ADMINISTRATION DEPT. OF PORT, SHIPPING AND AVIATION, KAVARATTI - 682555	CLIENT: COCHIN PORT AUTHORITY WILLINGDON ISLAND, COCHIN - 682009	DESIGN CONSULTANT: ASSYSTEM INDIA LIMITED RMZ One Paramount, Campus 10 5th Floor, Unit No.502 110, Mount Poonamallee Road, Purur, Chennai - 600116	PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS				
				TITLE: KADMATH NUMERATION & RC DETAIL OF COMPOUND WALL				
REV. DATE	DESCRIPTION	DRAWN	DESIGNED	CHECKED	APPROVED	DRAWING NO. TDG125		
A	29/01/25	DAR	SRJ	ASA	IAN	SHEET NO. 2 OF 2 SIZE A1 SCALE: 1:1000		



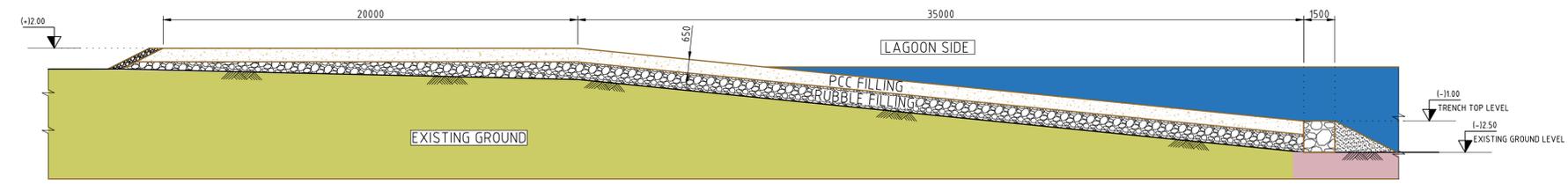
KEYPLAN
(SCALE 1:5000)



PLAN-LANDING AREA FOR FISHING BOATS

COORDINATE

POINTS	EASTING	NORTHING
A	257271.389	1242743.870
B	257253.834	1242670.960
C	257234.390	1242675.641
D	257251.944	1242748.558



SECTION A-A

FOR TENDER PURPOSE ONLY

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. ALL LEVELS ARE IN METRES AND ARE WITH RESPECT TO CHART DATUM (CD).

OWNER:
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UT OF LAKSHADWEEP ADMINISTRATION
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PROJECT: CONSTRUCTION OF JETTIES, LANDSIDE FACILITIES AND ALLIED FACILITIES AT EASTERN AND WESTERN SIDES IN KADMATH ISLAND OF LAKSHADWEEP ON EPC CONTRACT BASIS

TITLE: KADMATH BOAT LANDING FACILITY GENERAL ARRANGEMENT

DRAWING NO.: TDG126
SHEET NO. 1 OF 1
SCALE: 1:1000

