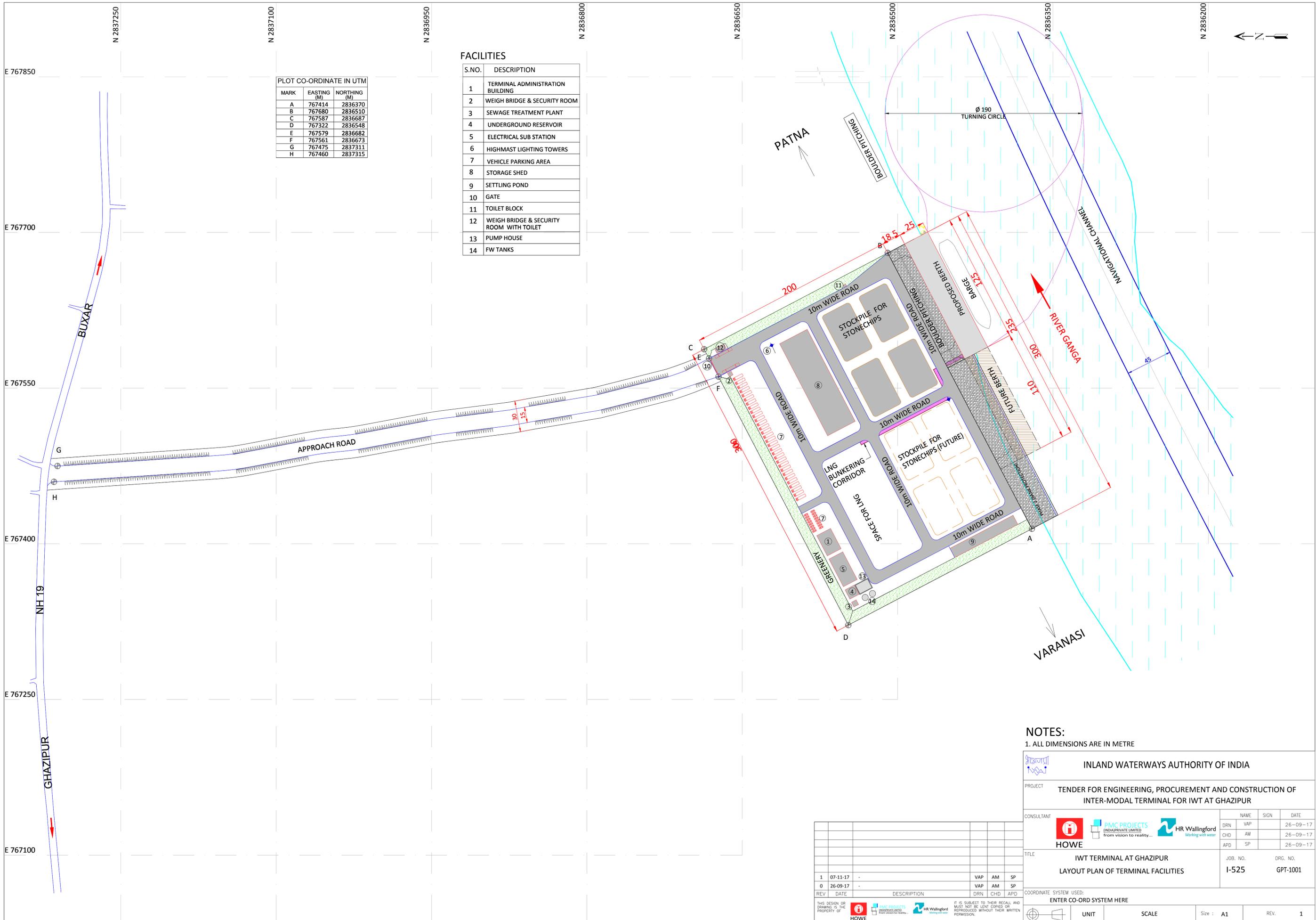


I-525 GHAZIPUR TERMINAL - TENDER DRAWING LIST

S. NO.	DWG. NO.	TITLE
1	I-525/GPT/1001	LAYOUT PLAN OF TERMINAL FACILITIES
2	I-525/GPT/1002	TOPOGRAPHIC SURVEY
3	I-525/GPT/1003	HYDROGRAPHIC SURVEY
4	I-525/GPT/1004	LOCATION PLAN OF BOREHOLES
5	I-525/GPT/1005	GENERAL ARRANGEMENT OF JETTY & APPROACH TRESTLE
6	I-525/GPT/1006	CROSS SECTIONS OF JETTY & APPROACH TRESTLE
7	I-525/GPT/1007	TYPICAL DETAIL OF SHORE PROTECTION WORK
8	I-525/GPT/1008	TYPICAL LAYOUT OF TERMINAL ADMINISTRATION BUILDING
9	I-525/GPT/1009	ELEVATIONS OF TERMINAL ADMINISTRATION BUILDING
10	I-525/GPT/1010	LAYOUT & ELEVATIONS OF WEIGH BRIDGE CONTROL CABIN & SECURITY OFFICE
11	I-525/GPT/1011	LAYOUT & ELEVATIONS OF WEIGH BRIDGE CONTROL CABIN & SECURITY OFFICE WITH TOILET
12	I-525/GPT/1012	SUB STATION EQUIPMENT LAYOUT
13	I-525/GPT/1013	TYPICAL LAYOUT & ELEVATION OF TOILET BLOCK
14	I-525/GPT/1014	LAYOUT & ELEVATIONS OF COVERED STORAGE SHED
15	I-525/GPT/1015	LAYOUT & TYPICAL CROSS SECTIONS OF INTERNAL ROADS
16	I-525/GPT/1016	LAYOUT OF WATER SUPPLY SYSTEM
17	I-525/GPT/1017	LAYOUT OF STORM WATER DRAINAGE SYSTEM
18	I-525/GPT/1018	TYPICAL DETAILS OF GATE COMPLEX
19	I-525/GPT/1019	DETAIL OF BOUNDARY WALL WITH FENCING
20	I-525/GPT/1020	POWER SINGLE LINE DIAGRAM
21	I-525/GPT/1021	HIGH MAST & CABLE ROUTE
22	I-525/GPT/1022	LAYOUT OF FIRE FIGHTING SYSTEM
23	I-525/GPT/1023	DREDGING AREA
24	I-525/GPT/1024 (SHEET -1)	BERTHING APPURTENANCES DETAILS
25	I-525/GPT/1024 (SHEET -2)	BERTHING APPURTENANCES DETAILS
26	I-525/GPT/1025	CONSTRUCTION METHODOLOGY PLAN & CROSS SECTION
27	I-525/GPT/1026	LAYOUT AND DETAILS OF END BUFFER, JACKING PLATE & STORM ANCHORE



PLOT CO-ORDINATE IN UTM

MARK	EASTING (M)	NORTHING (M)
A	767414	2836370
B	767680	2836510
C	767587	2836687
D	767322	2836548
E	767579	2836682
F	767561	2836673
G	767475	2837311
H	767460	2837315

FACILITIES

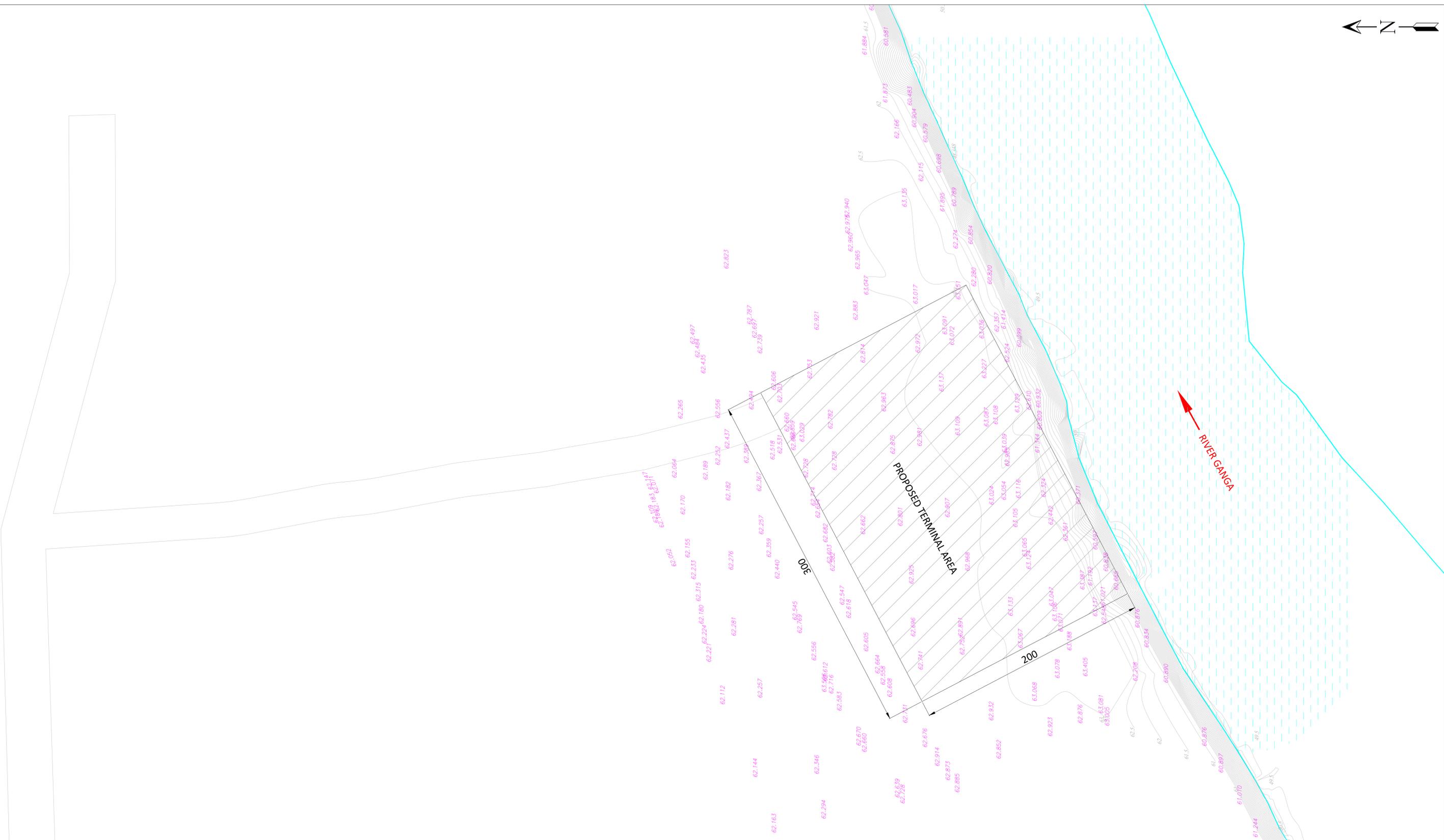
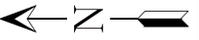
S.NO.	DESCRIPTION
1	TERMINAL ADMINISTRATION BUILDING
2	WEIGH BRIDGE & SECURITY ROOM
3	SEWAGE TREATMENT PLANT
4	UNDERGROUND RESERVOIR
5	ELECTRICAL SUB STATION
6	HIGHMAST LIGHTING TOWERS
7	VEHICLE PARKING AREA
8	STORAGE SHED
9	SETTLING POND
10	GATE
11	TOILET BLOCK
12	WEIGH BRIDGE & SECURITY ROOM WITH TOILET
13	PUMP HOUSE
14	FW TANKS

NOTES:
1. ALL DIMENSIONS ARE IN METRE

		INLAND WATERWAYS AUTHORITY OF INDIA													
PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR															
CONSULTANT		<table border="1"> <thead> <tr> <th>NAME</th> <th>SIGN</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td></td> <td>VAP</td> <td>26-09-17</td> </tr> <tr> <td></td> <td>CHD</td> <td>26-09-17</td> </tr> <tr> <td></td> <td>APD</td> <td>26-09-17</td> </tr> </tbody> </table>		NAME	SIGN	DATE		VAP	26-09-17		CHD	26-09-17		APD	26-09-17
NAME	SIGN	DATE													
	VAP	26-09-17													
	CHD	26-09-17													
	APD	26-09-17													
TITLE		JOB. NO. I-525													
LAYOUT PLAN OF TERMINAL FACILITIES		ORG. NO. GPT-1001													
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE															
		UNIT	SCALE												
		Size : A1	REV. 1												

REV	DATE	DESCRIPTION	DRN	CHD	APD	VAP	AM	SP
1	07-11-17	-				VAP	AM	SP
0	26-09-17	-				VAP	AM	SP

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NOTES

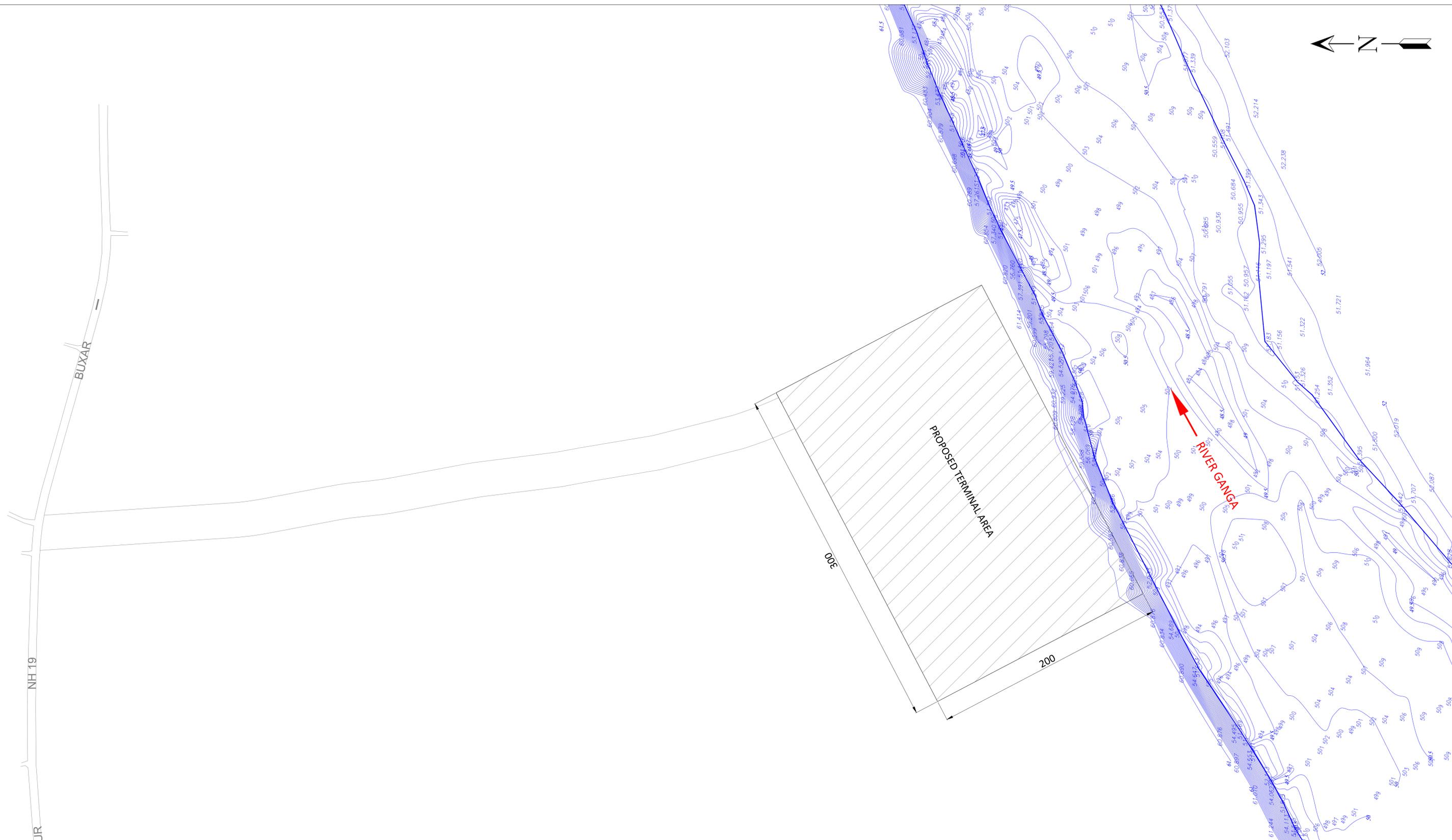
- 1. ALL DIMENSIONS ARE IN METRE
- 2. ALL LEVELS ARE IN METRE & ARE WITH RESPECT TO MSL

REV	DATE	DESCRIPTION	VAP	AM	SP
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0	26-09-17	-			

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INLAND WATERWAYS AUTHORITY OF INDIA						
PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWAT AT GHAZIPUR						
CONSULTANT				NAME	SIGN	DATE
HOWE				DRN	VAP	26-09-17
				CHD	AM	26-09-17
				APD	SP	26-09-17
TITLE TOPOGRAPHIC SURVEY OF PROPOSED IWAT TERMINAL AT GHAZIPUR				JOB. NO.	DRG. NO.	
				I-525	GPT-1002	
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE						
		UNIT	SCALE	Size : A1	REV. 0	



NOTES

- 1. ALL DIMENSIONS ARE IN METRE
- 2. ALL LEVELS ARE IN METRE & ARE WITH RESPECT TO MSL

REV	DATE	DESCRIPTION	VAP	AM	SP
			DRN	CHD	APD
0	26-09-17	-			

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श्री अजय
INLAND WATERWAYS AUTHORITY OF INDIA

PROJECT: **TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR**

CONSULTANT:

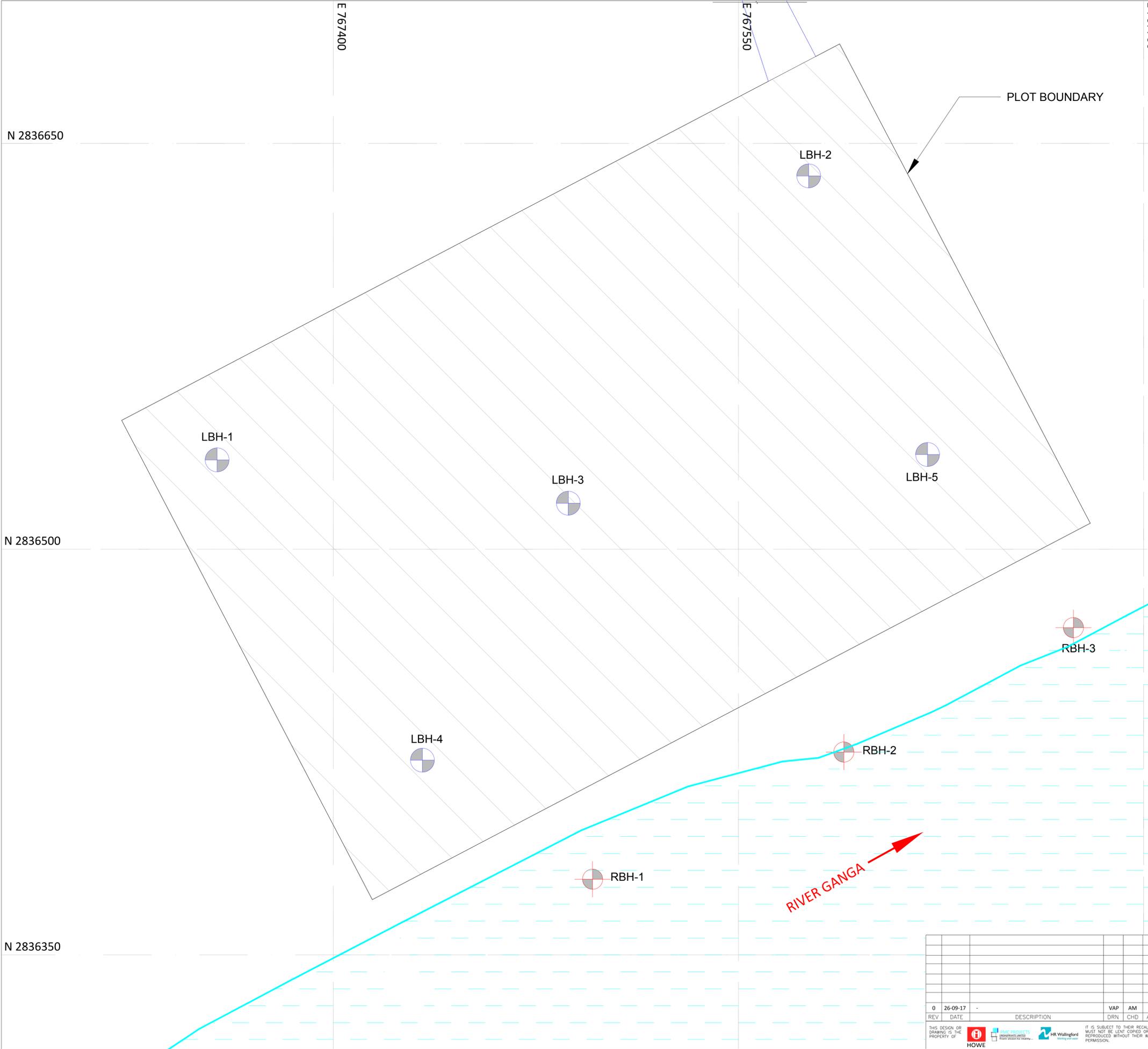
NAME	SIGN	DATE
DRN	VAP	26-09-17
CHD	AM	26-09-17
APD	SP	26-09-17

TITLE: **HYDROGRAPHIC SURVEY OF PROPOSED IWT TERMINAL AT GHAZIPUR**

JOB. NO.	DRG. NO.
I-525	GPT-1003

COORDINATE SYSTEM USED: **ENTER CO-ORD SYSTEM HERE**

UNIT	SCALE	Size	REV.
		A1	0



CO-ORDINATE IN UTM		
BOREHOLE MARKED	EASTING	NORTHING
LBH-1	767357.00	2836533.00
LBH-2	767576.00	2836638.00
LBH-3	767487.00	2836517.00
LBH-4	767433.00	2836422.00
LBH-5	767620.00	2836535.00
RBH-1	767496.00	2836378.00
RBH-2	767589.00	2836425.00
RBH-3	767674.00	2836471.00



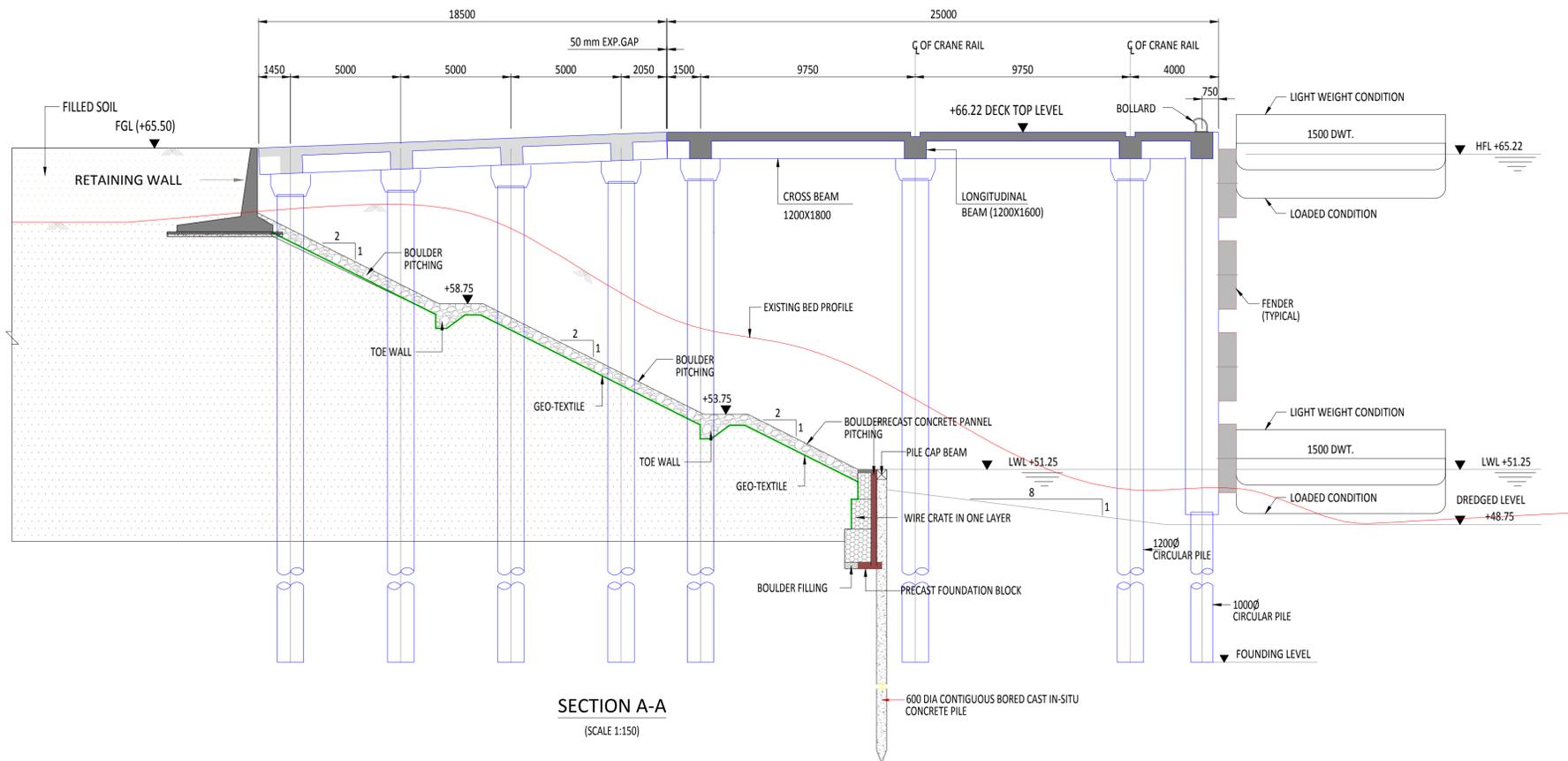
LEGEND:

-  PROPOSED TERMINAL AREA
-  LAND BOREHOLE
-  RIVER BOREHOLE

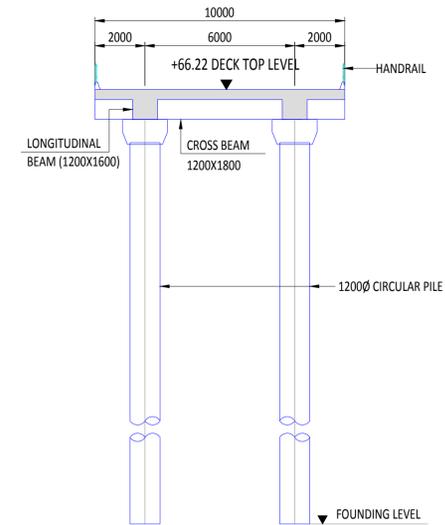
 INLAND WATERWAYS AUTHORITY OF INDIA	
PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR	
CONSULTANT   	
TITLE IWT TERMINAL AT GHAZIPUR LOCATION PLAN OF BOREHOLES	
NAME DRN VAP CHD AM APD SP	SIGN
DATE 26-09-17 26-09-17 26-09-17	JOB. NO. I-525
ORG. NO. GPT-1004	
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE	
UNIT 	SCALE - Size : A1 REV. 0

REV	DATE	DESCRIPTION	VAP	AM	SP
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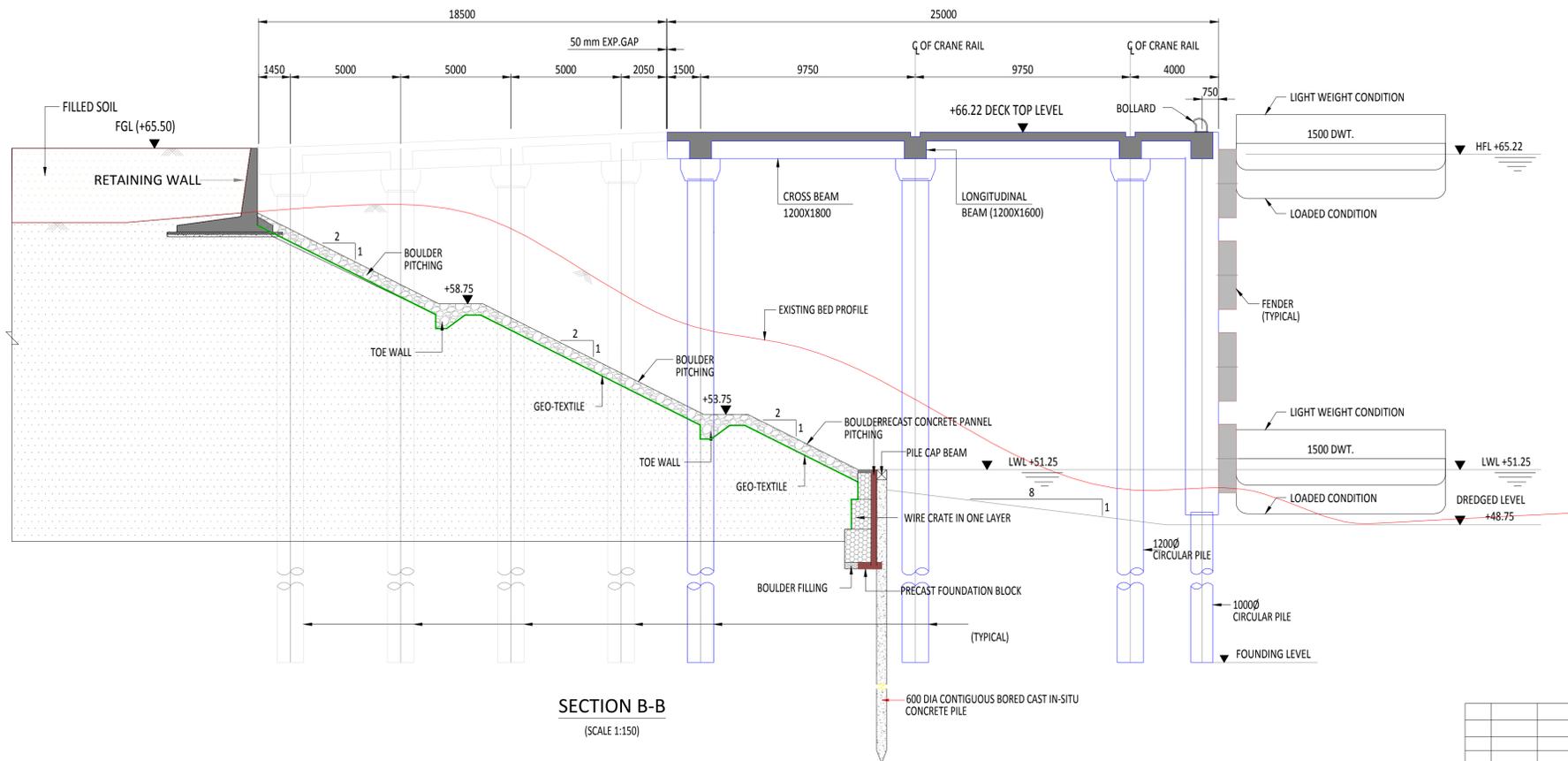
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SECTION A-A
(SCALE 1:150)



SECTION C-C
(SCALE 1:150)



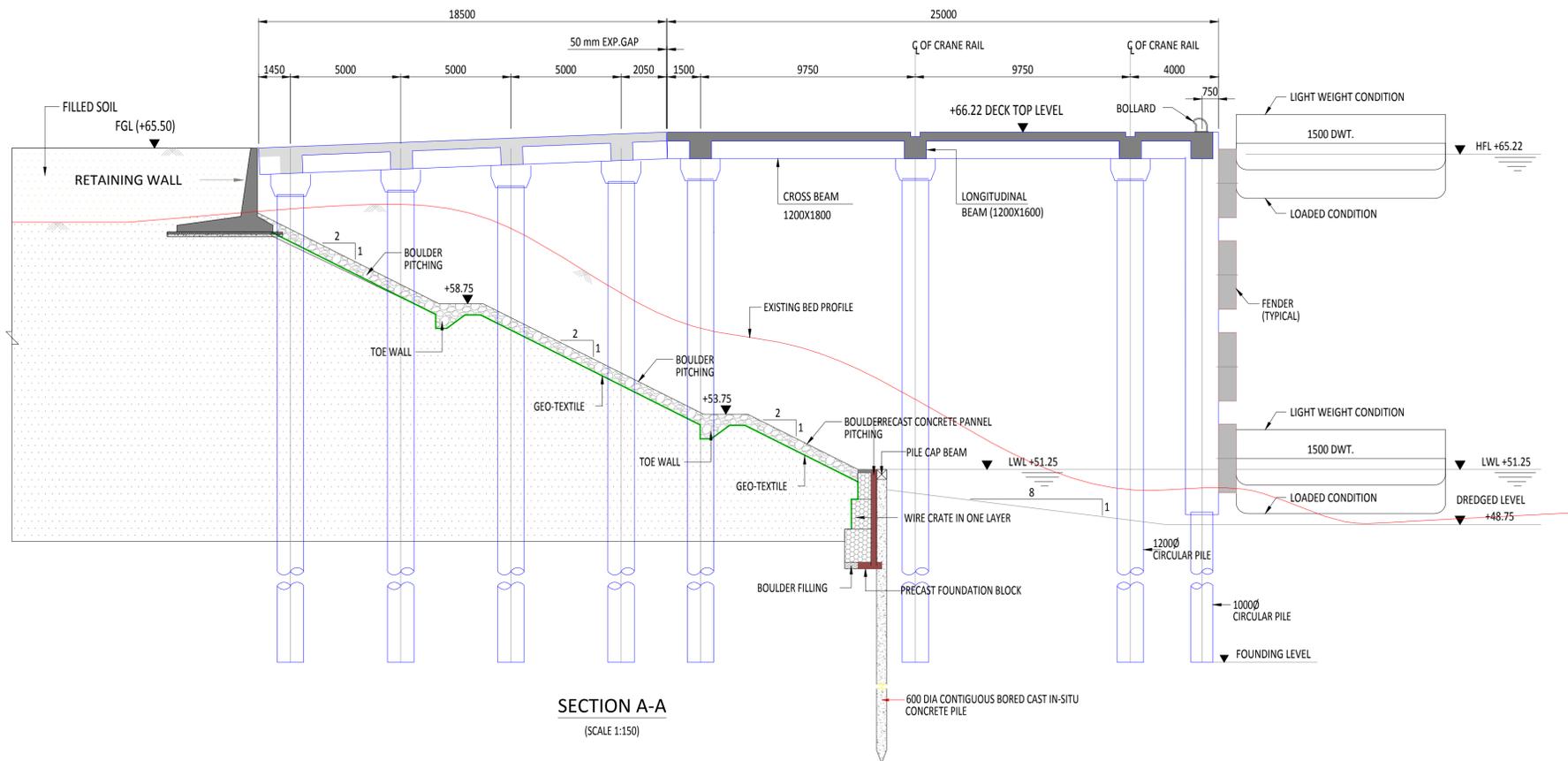
SECTION B-B
(SCALE 1:150)

- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRE
 2. ALL LEVELS ARE IN METRE & ARE WITH RESPECT TO MSL
 3. GABION BASKET OR CAGES FOR STONE PITCHING WHERE PROVIDED SHOULD BE WITH PVC COATED G.I WIRES FOR EXTENDED DURABILITY IN FLOOD PRONE AREAS LIKE THIS SITE.

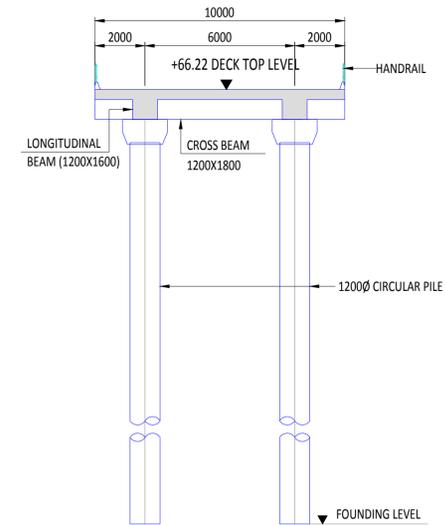
		INLAND WATERWAYS AUTHORITY OF INDIA	
PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR			
CONSULTANT			
DRN	SKN	NAME	SIGN
CHD	PKM/SKA	DATE	DATE
APD	S DHAR	26-09-17	26-09-17
TITLE IWT TERMINAL AT GHAZIPUR		JOB. NO. I-525	
CROSS SECTIONS OF JETTY & APPROACH TRESTLE		DRG. NO. GPT-1006	
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE			
UNIT		SCALE	
Size : A1		REV. 3	

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1	01-11-17	-	VP	DNS	SP
0	26-09-17	-	SKN	PKM	S DHAR
REV	DATE	DESCRIPTION	DRN	CHD	APD

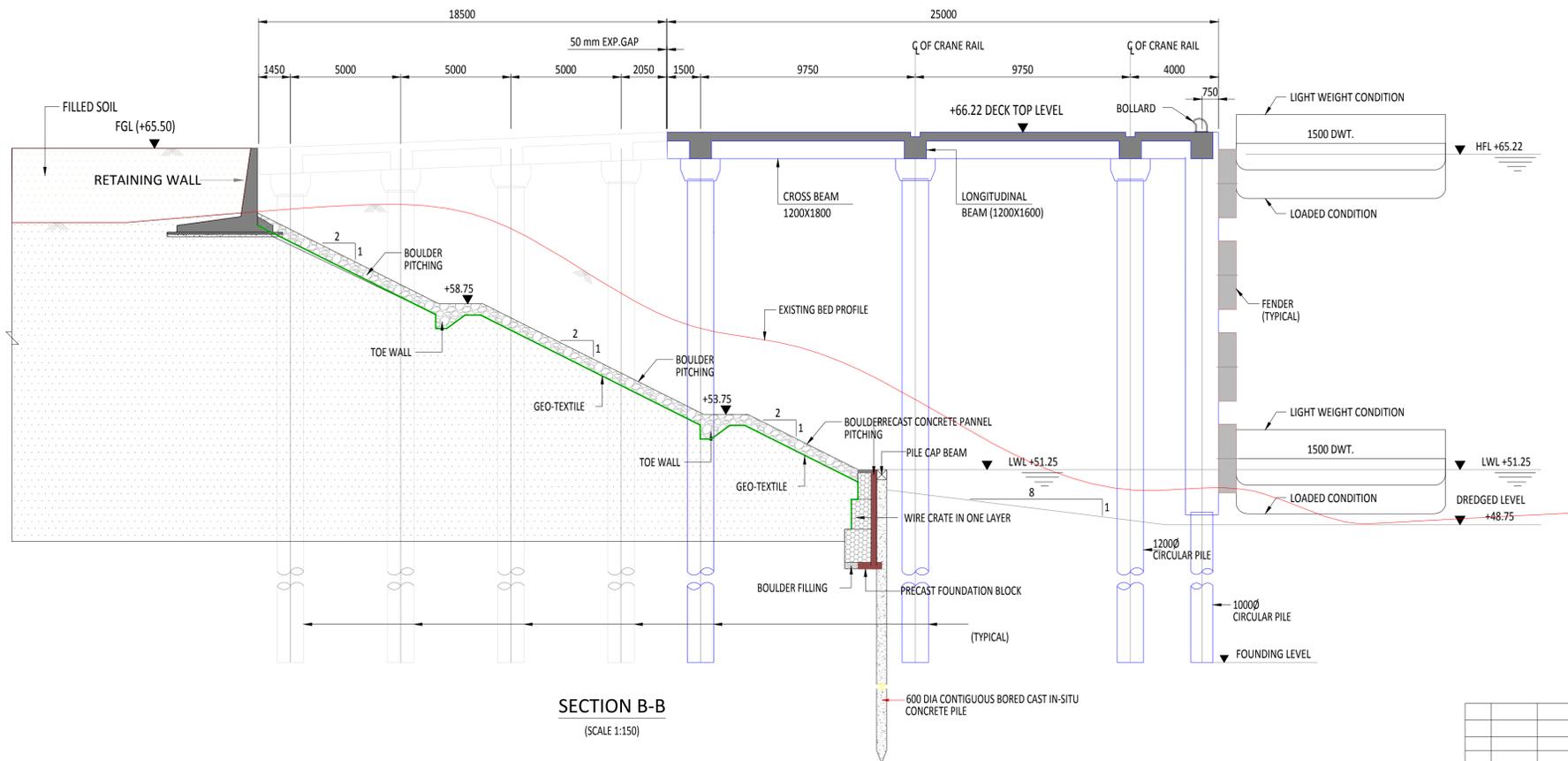
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SECTION A-A
(SCALE 1:150)



SECTION C-C
(SCALE 1:150)



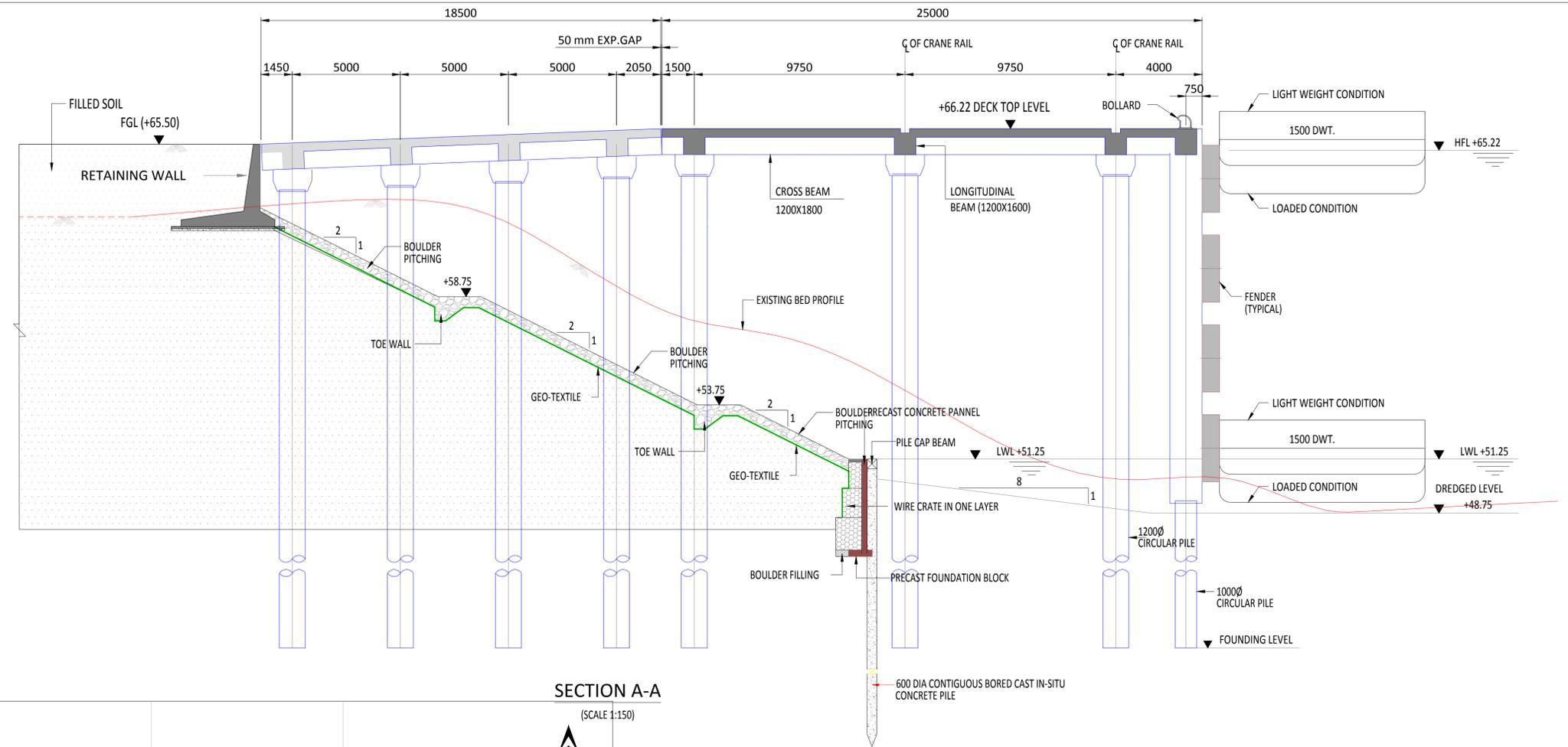
SECTION B-B
(SCALE 1:150)

- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRE
 2. ALL LEVELS ARE IN METRE & ARE WITH RESPECT TO MSL
 3. GABION BASKET OR CAGES FOR STONE PITCHING WHERE PROVIDED SHOULD BE WITH PVC COATED G.I WIRES FOR EXTENDED DURABILITY IN FLOOD PRONE AREAS LIKE THIS SITE.

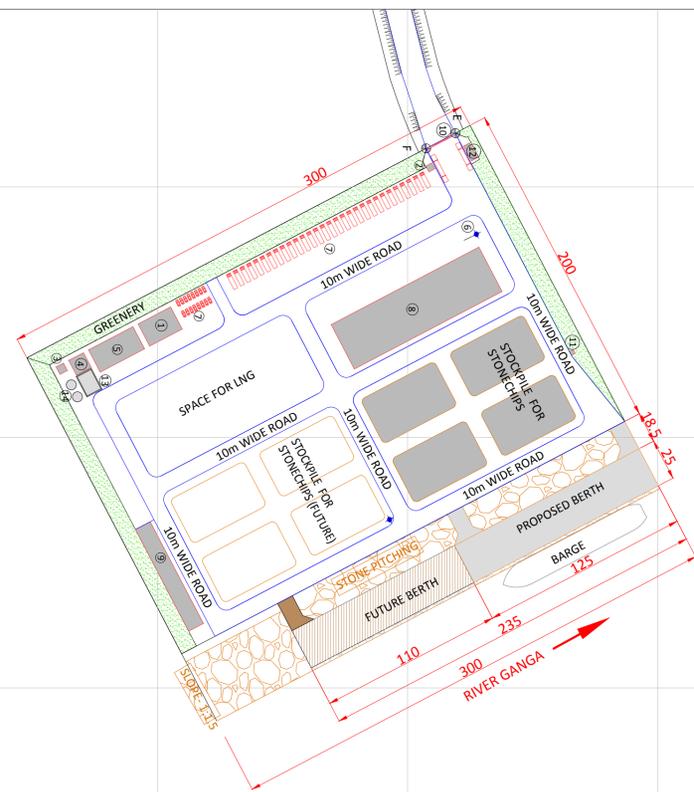
		INLAND WATERWAYS AUTHORITY OF INDIA	
PROJECT: TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR			
CONSULTANT:		NAME: SKN, SIGN: S DHAR, DATE: 26-09-17	
CONSULTANT:		NAME: SKN, SIGN: S DHAR, DATE: 26-09-17	
CONSULTANT:		NAME: SKN, SIGN: S DHAR, DATE: 26-09-17	
TITLE: IWT TERMINAL AT GHAZIPUR		JOB. NO. I-525, DRG. NO. GPT-1006	
TITLE: CROSS SECTIONS OF JETTY & APPROACH TRESTLE			
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE			
UNIT:		SCALE: Size : A1, REV. 3	

2	17-11-17	-	VP	DNS	SP
1	01-11-17	-	VP	DNS	SP
0	26-09-17	-	SKN	PKM	S DHAR
REV	DATE	DESCRIPTION	DRN	CHD	APD

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SECTION A-A
(SCALE 1:150)



KEY PLAN

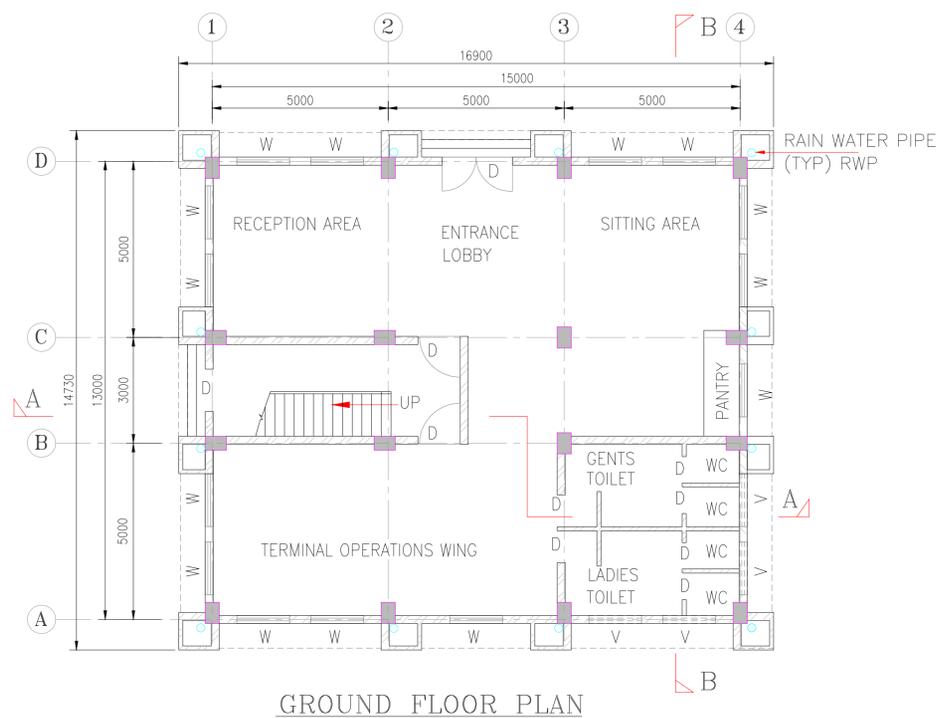
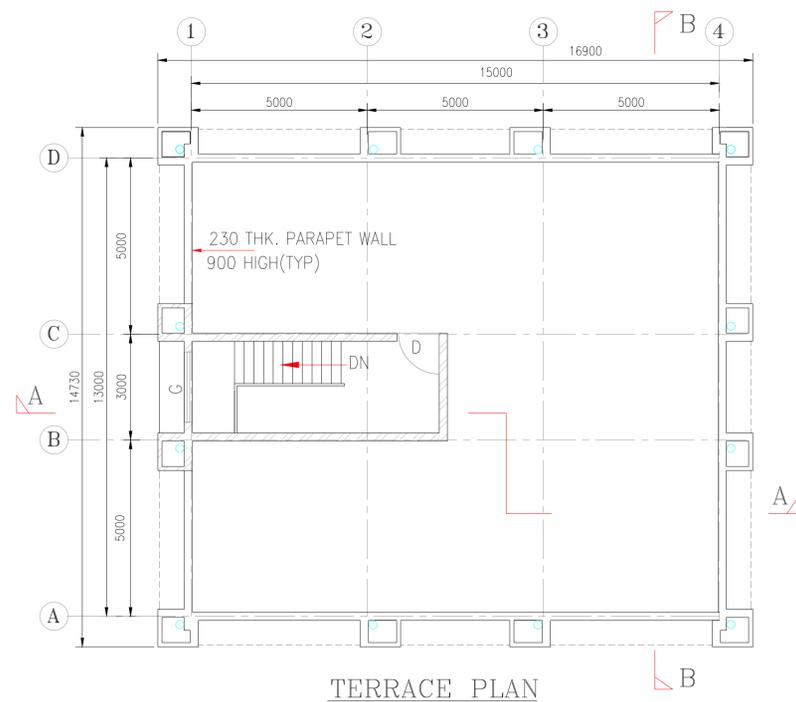
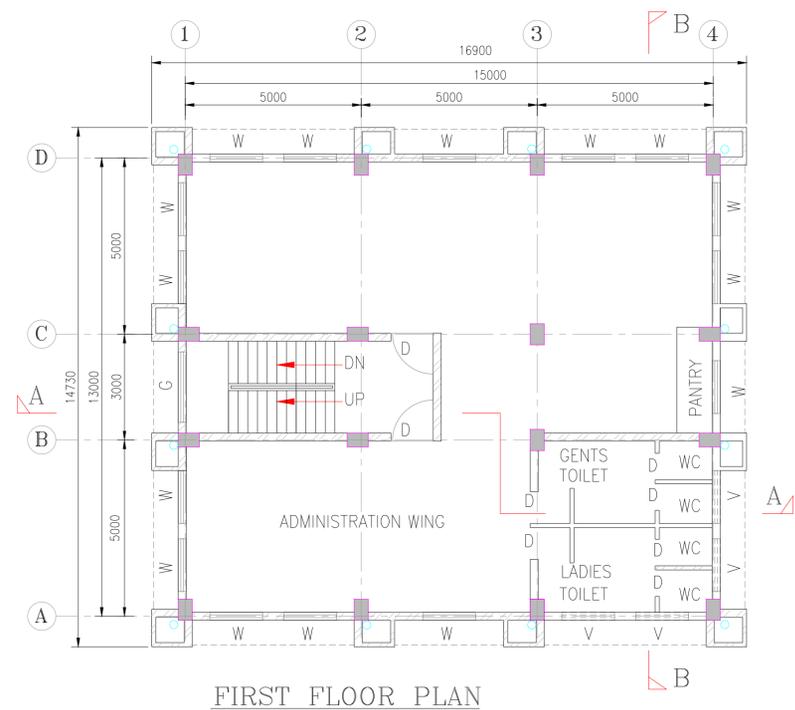
NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRE
2. ALL LEVELS ARE IN METRE & ARE WITH RESPECT TO MSL
3. STONE PITCHING SHALL BE PROVIDED IN CRATES.
4. THE SHORE PROTECTION WORKS SHOWN IS INDICATIVE IN CASE ANY BIDDER PROPOSES AN ALTERNATIVE SCHEME AND DESIGN, THE SAME MAY BE TAKEN INTO CONSIDERATION ON OF ITS MERITS.
5. GABION BASKET OR CAGES FOR STONE PITCHING WHERE PROVIDED SHOULD BE WITH PVC COATED G.I WIRES FOR EXTENDED DURABILITY IN FLOOD PRONE AREAS LIKE THIS SITE.

		INLAND WATERWAYS AUTHORITY OF INDIA													
				PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR											
CONSULTANT		<table border="1"> <tr> <td>NAME</td> <td>SIGN</td> <td>DATE</td> </tr> <tr> <td>DRN</td> <td>VAP</td> <td>26-09-17</td> </tr> <tr> <td>CHD</td> <td>AM</td> <td>26-09-17</td> </tr> <tr> <td>APD</td> <td>SP</td> <td>26-09-17</td> </tr> </table>		NAME	SIGN	DATE	DRN	VAP	26-09-17	CHD	AM	26-09-17	APD	SP	26-09-17
NAME	SIGN	DATE													
DRN	VAP	26-09-17													
CHD	AM	26-09-17													
APD	SP	26-09-17													
		TITLE IWT TERMINAL AT GHAZIPUR TYPICAL DETAIL OF SHORE PROTECTION WORK													
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE		JOB. NO. I-525 ORG. NO. GPT-1007													
UNIT		SCALE													
Size : A1		REV. 3													

2	17-11-17	-	VAP	DNS	SP
1	01-11-17	-	VAP	DNS	SP
0	26-09-17	-	VAP	AM	SP
REV	DATE	DESCRIPTION	DRN	CHD	APD

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SCHEDULE		
S.NO:	TYPE	DESCRIPTION
1.	D	DOOR
2.	W	WINDOW
3.	V	VENTILATOR
4.	G	GLASS WINDOW
5.	WC	WATER CLOSET

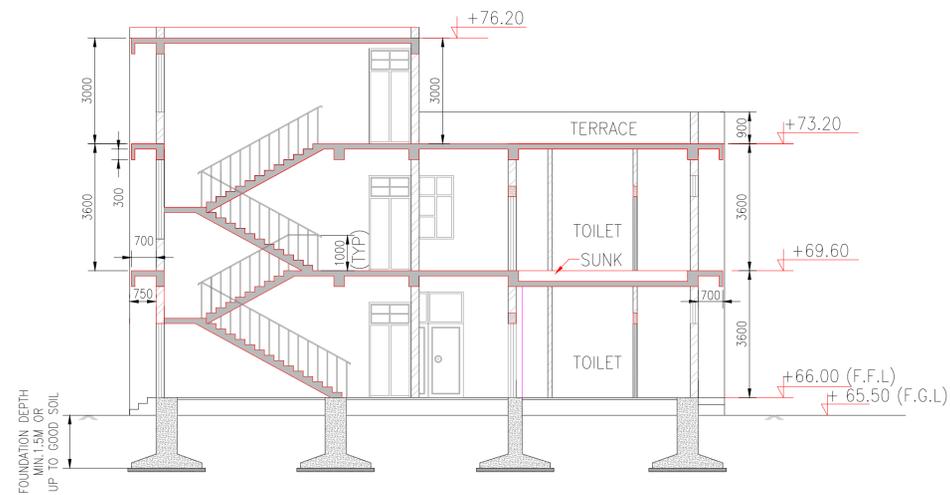
NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS
2. ALL LEVELS ARE IN METERS & ARE WITH RESPECT TO MSL

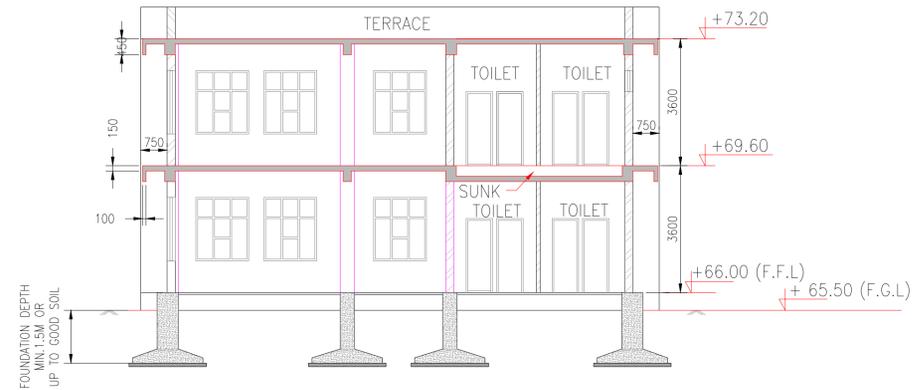
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PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR																		
CONSULTANT		<table border="1"> <thead> <tr> <th>NAME</th> <th>SIGN</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td></td> <td>DRN</td> <td>VAP</td> <td>26-09-17</td> </tr> <tr> <td></td> <td>CHD</td> <td>AM</td> <td>26-09-17</td> </tr> <tr> <td></td> <td>APD</td> <td>SP</td> <td>26-09-17</td> </tr> </tbody> </table>		NAME	SIGN	DATE		DRN	VAP	26-09-17		CHD	AM	26-09-17		APD	SP	26-09-17
NAME	SIGN	DATE																
	DRN	VAP	26-09-17															
	CHD	AM	26-09-17															
	APD	SP	26-09-17															
TITLE		JOB. NO. I-525																
IWT TERMINAL AT GHAZIPUR TYPICAL LAYOUT OF TERMINAL ADMINISTRATION BUILDING		ORG. NO. GPT-1008																
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE																		
UNIT		SCALE																
Size : A1		REV. 0																

REV	DATE	DESCRIPTION	VAP	AM	SP
0	14/09/17	-	DRN	CHD	APD

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SECTION A-A



SECTION B-B



FRONT ELEVATION



REAR ELEVATION

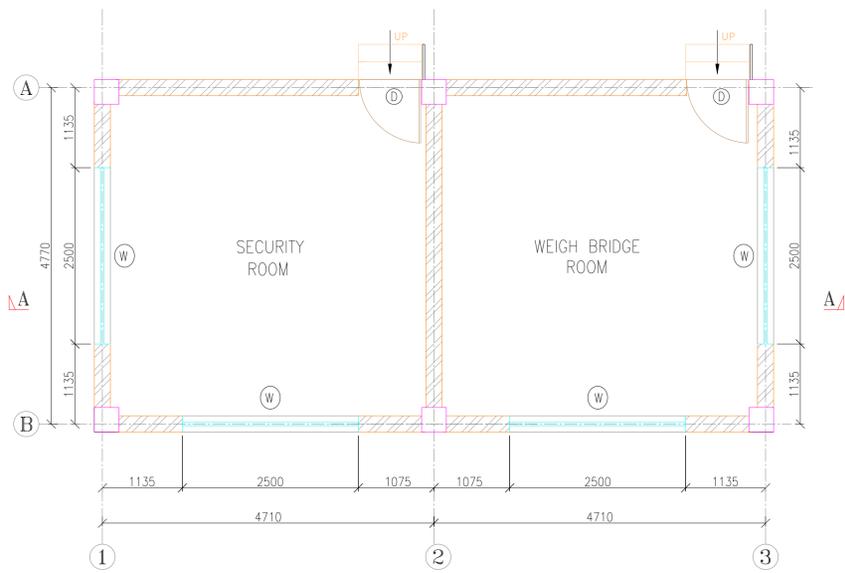
F.G.L.-FINISH GROUND LEVEL
F.F.L.-FINISH FLOOR LEVEL

NOTES

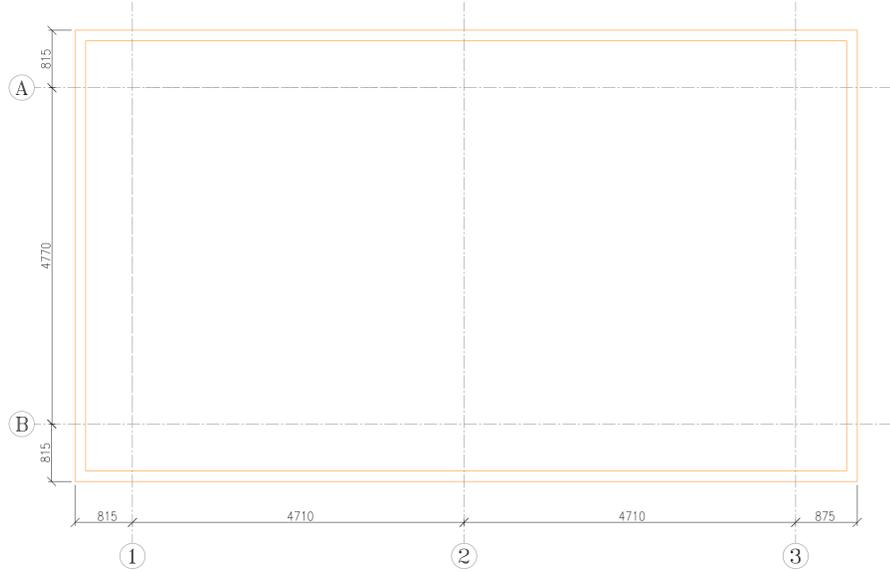
1. ALL DIMENSIONS ARE IN MILLIMETERS
2. ALL LEVELS ARE IN METERS & ARE WITH RESPECT TO MSL

		INLAND WATERWAYS AUTHORITY OF INDIA				
		PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR				
		CONSULTANT		NAME	SIGN	DATE
		DRN	VAP			26-09-17
		CHD	AM			26-09-17
TITLE IWT TERMINAL AT GHAZIPUR ELEVATIONS OF TERMINAL ADMINISTRATION BUILDING		APD	SP			26-09-17
		JOB. NO. I-525		ORG. NO. GPT-1009		
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE						
THIS DESIGN OR DRAWING IS THE PROPERTY OF		IT IS SUBJECT TO THEIR RECALL AND MUST NOT BE LENT, COPIED OR REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.		UNIT	SCALE	Size : A1
REV		DATE		DESCRIPTION		REV. 0

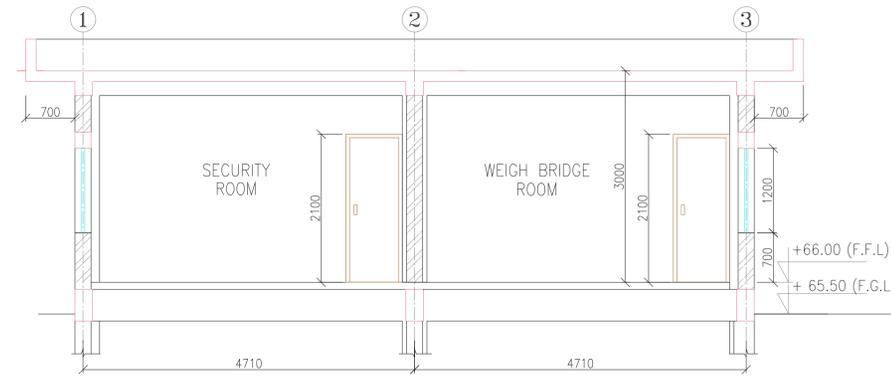
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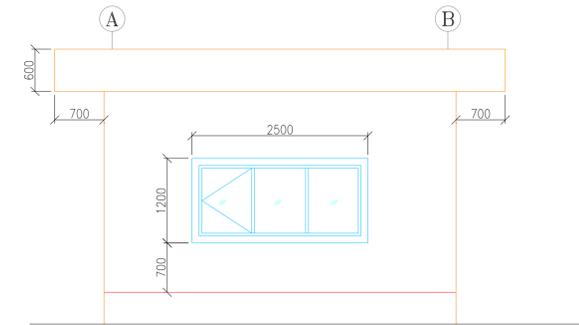
GROUND FLOOR PLAN



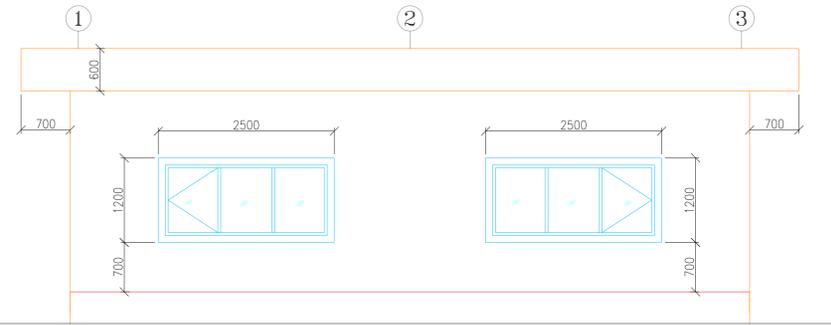
TERRACE PLAN



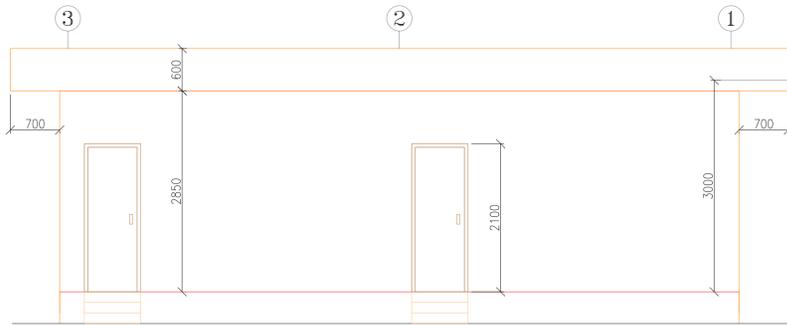
SECTION A-A



SIDE ELEVATION



FRONT ELEVATION



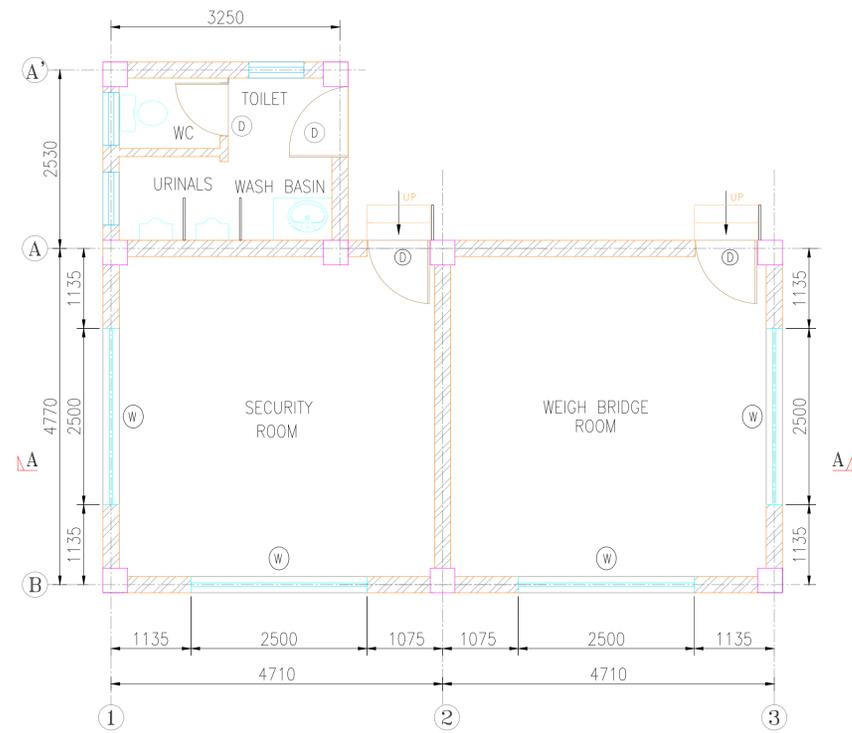
REAR ELEVATION

- F.G.L.-FINISH GROUND LEVEL
F.F.L.-FINISH FLOOR LEVEL
- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETRE
 2. ALL LEVELS ARE IN METRE & ARE WITH RESPECT TO MSL

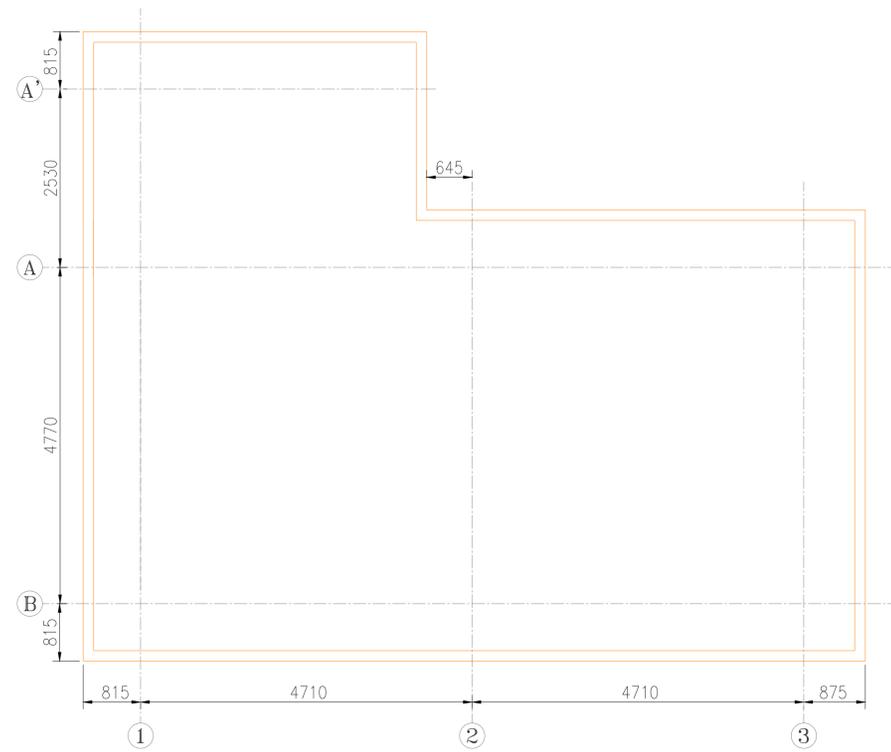
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PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR			
CONSULTANT			
DRN	VAP	NAME	SIGN
CHD	AM	DATE	26-09-17
APD	SP	DATE	26-09-17
TITLE		JOB. NO.	
IWT TERMINAL AT GHAZIPUR		ORG. NO.	
LAYOUT & ELEVATIONS OF WEIGH BRIDGE		I-525	
CONTROL CABIN & SECURITY OFFICE		GPT-1010	
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE			
		UNIT	SCALE
Size : A1		REV. 0	

REV	DATE	DESCRIPTION	VAP	AM	SP
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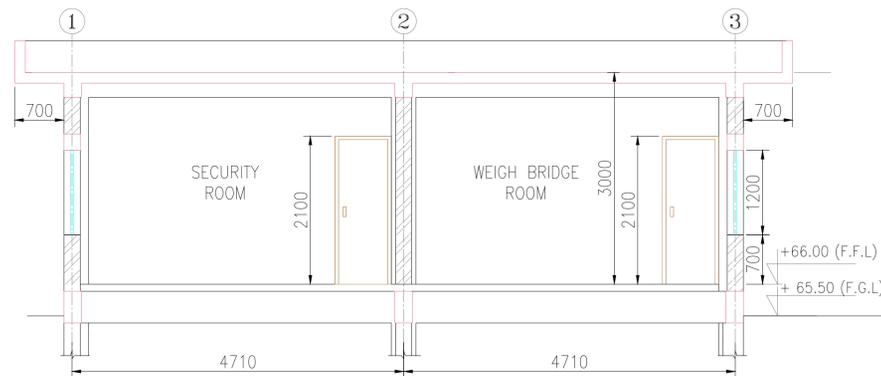
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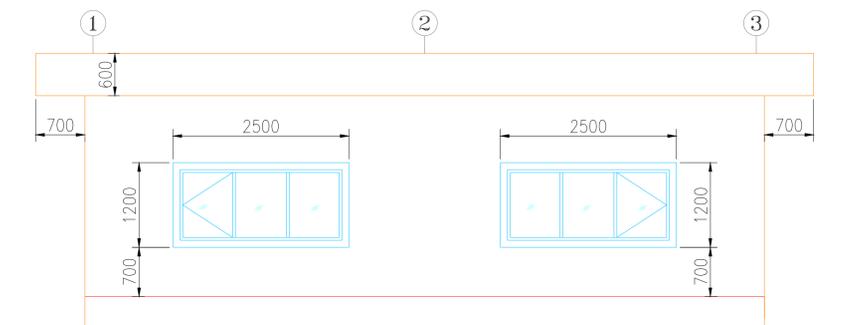
GROUND FLOOR PLAN



TERRACE PLAN



SECTION A-A



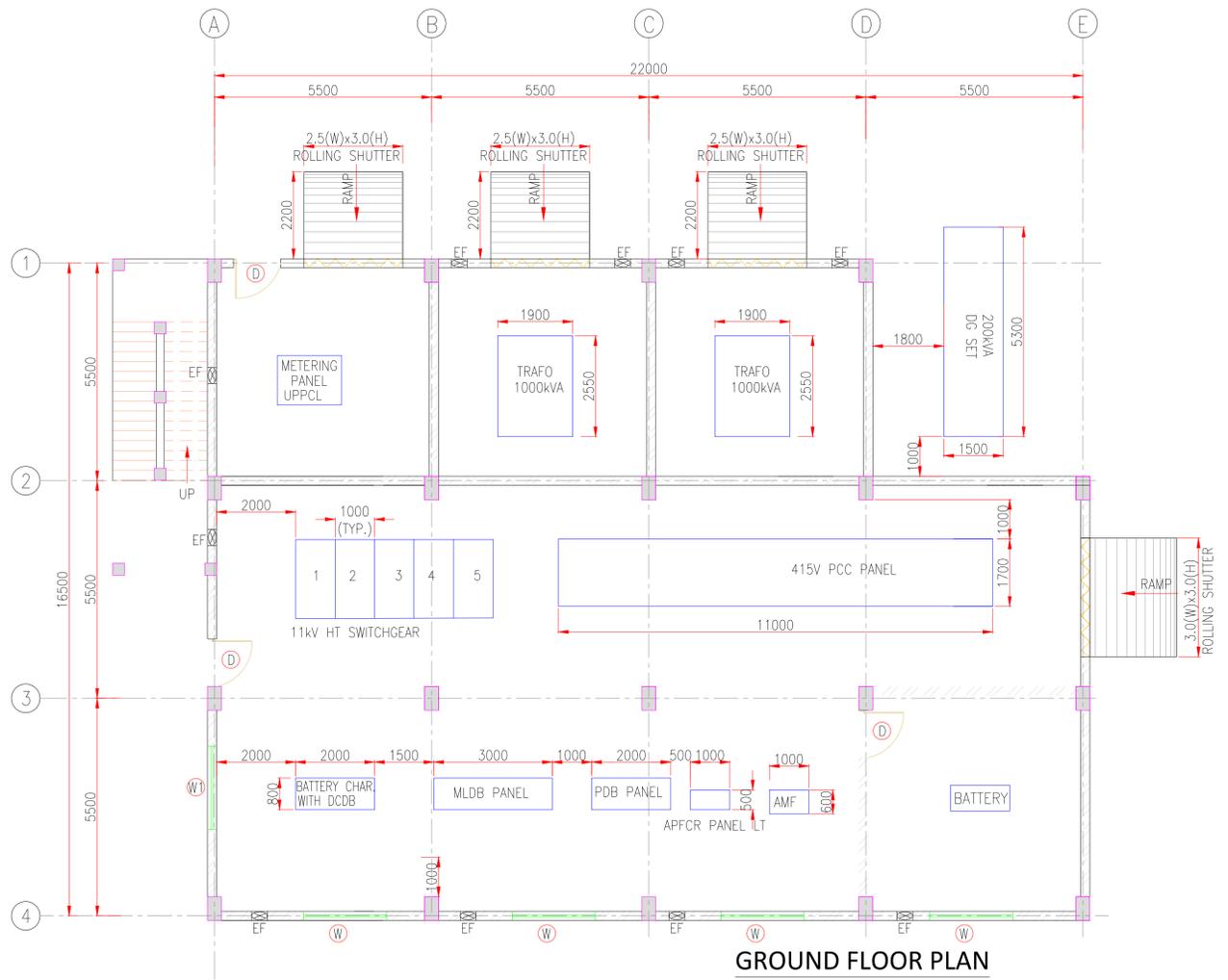
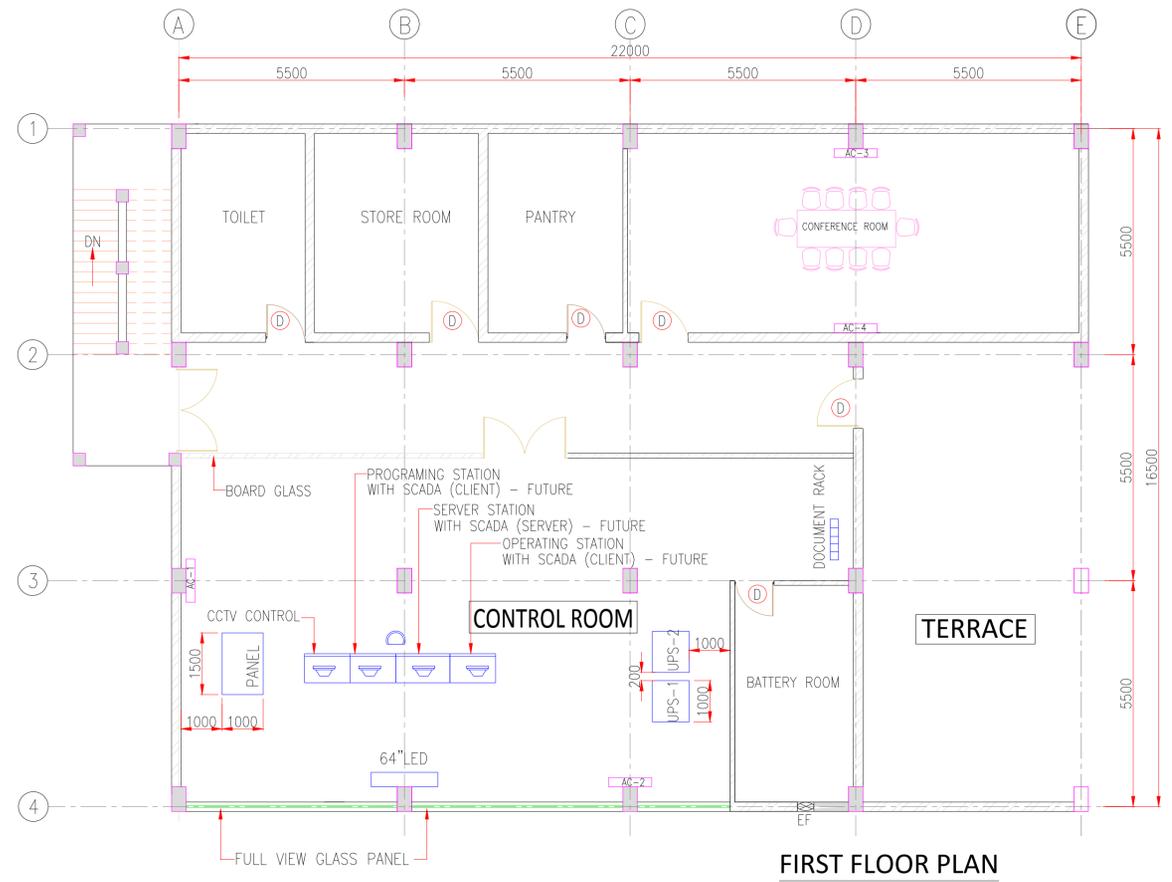
FRONT ELEVATION

F.G.L.-FINISH FLOOR LEVEL
F.F.L.-FINISH FLOOR LEVEL

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRE
2. ALL LEVELS ARE IN METRE & ARE WITH RESPECT TO MSL

		INLAND WATERWAYS AUTHORITY OF INDIA	
PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR			
CONSULTANT			
DRN	VAP	NAME	DATE
CHD	AM		26-09-17
APD	SP		26-09-17
TITLE		JOB. NO.	DRG. NO.
IWT TERMINAL AT GHAZIPUR LAYOUT & ELEVATIONS OF WEIGH BRIDGE CONTROL CABIN & SECURITY OFFICE WITH TOILET		I-525	GPT-1011
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE			
THIS DESIGN OR DRAWING IS THE PROPERTY OF HOWE		IT IS SUBJECT TO THEIR RECALL AND MUST NOT BE LENT, COPIED OR REPRODUCED WITHOUT THEIR WRITTEN PERMISSION.	
REV	DATE	DESCRIPTION	VAP AM SP DRN CHD APD
0	14/09/17	-	
UNIT		SCALE	Size : A1
		REV.	0



LEGEND :-

- ⊙ WINDOW (OPENABLE)
- ⊙ FIXED GLASS WINDOW
- ⊙ EXHAUST FAN
- ⊙ DOOR

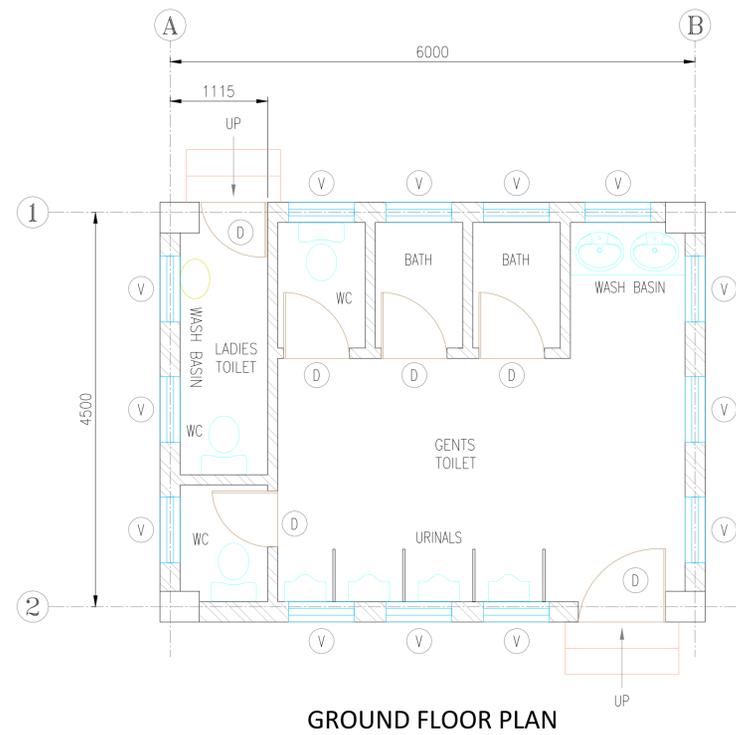
NOTE :-

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED.
- * THE CONTRACTOR SHALL PROCURE THE EQUIPMENT FOR PHASE 1 ONLY & PROVISION SHALL BE MADE FOR PHASE 2.

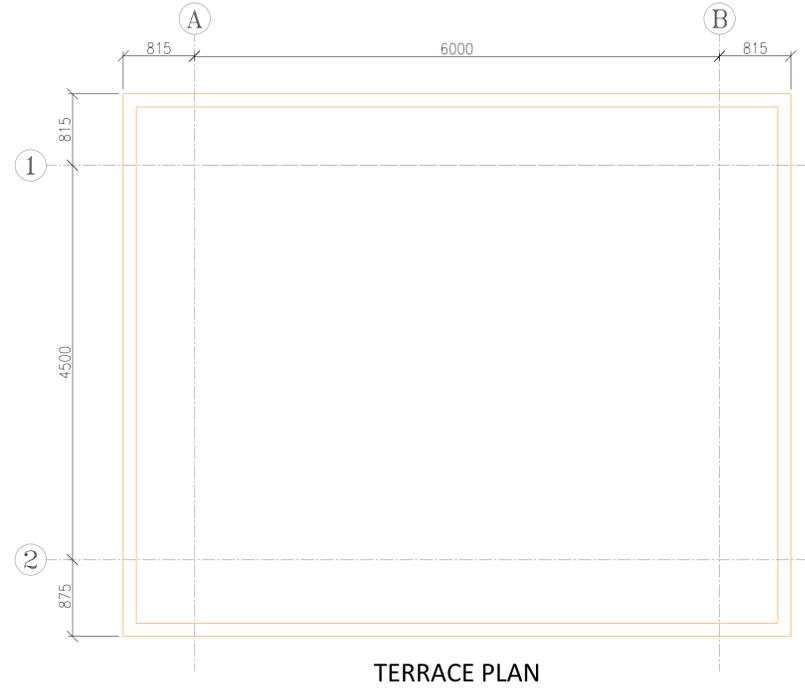
<p>INLAND WATERWAYS AUTHORITY OF INDIA</p>													
<p>PROJECT: TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR</p>													
<p>CONSULTANT:</p>	<table border="1"> <tr> <th>NAME</th> <th>SIGN</th> <th>DATE</th> </tr> <tr> <td>DRN</td> <td>VAP</td> <td>26-09-17</td> </tr> <tr> <td>CHD</td> <td>AM</td> <td>26-09-17</td> </tr> <tr> <td>APD</td> <td>SP</td> <td>26-09-17</td> </tr> </table>	NAME	SIGN	DATE	DRN	VAP	26-09-17	CHD	AM	26-09-17	APD	SP	26-09-17
NAME	SIGN	DATE											
DRN	VAP	26-09-17											
CHD	AM	26-09-17											
APD	SP	26-09-17											
<p>TITLE: IWT TERMINAL AT GHAZIPUR SUB STATION EQUIPMENT LAYOUT</p>													
<p>COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE</p>													
<table border="1"> <tr> <td>JOB. NO.</td> <td>DRG. NO.</td> </tr> <tr> <td>I-525</td> <td>GPT-1012</td> </tr> </table>		JOB. NO.	DRG. NO.	I-525	GPT-1012								
JOB. NO.	DRG. NO.												
I-525	GPT-1012												

REV	DATE	DESCRIPTION	VAP	AM	SP
0	26-09-17		DRN	CHD	APD

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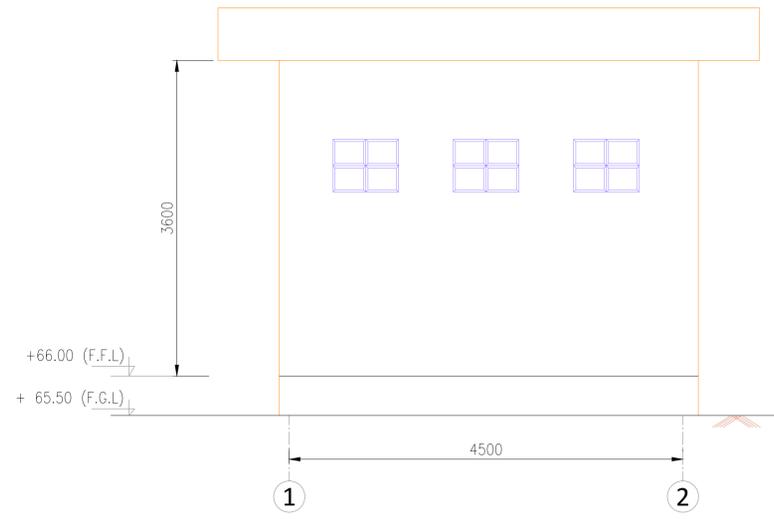
GROUND FLOOR PLAN



TERRACE PLAN



FRONT ELEVATION



SIDE ELEVATION

F.G.L.-FINISH GROUND LEVEL
F.F.L.-FINISH FLOOR LEVEL

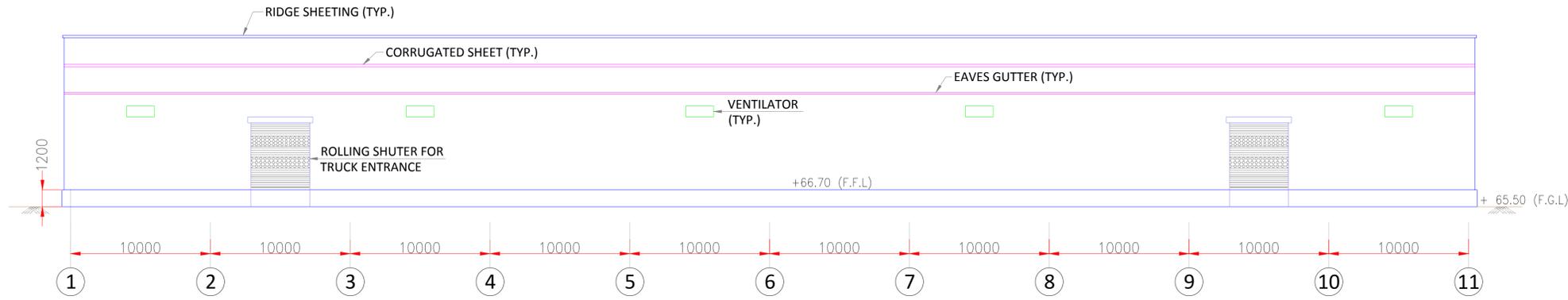
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRE
2. ALL LEVELS ARE IN METRE & ARE WITH RESPECT TO MSL

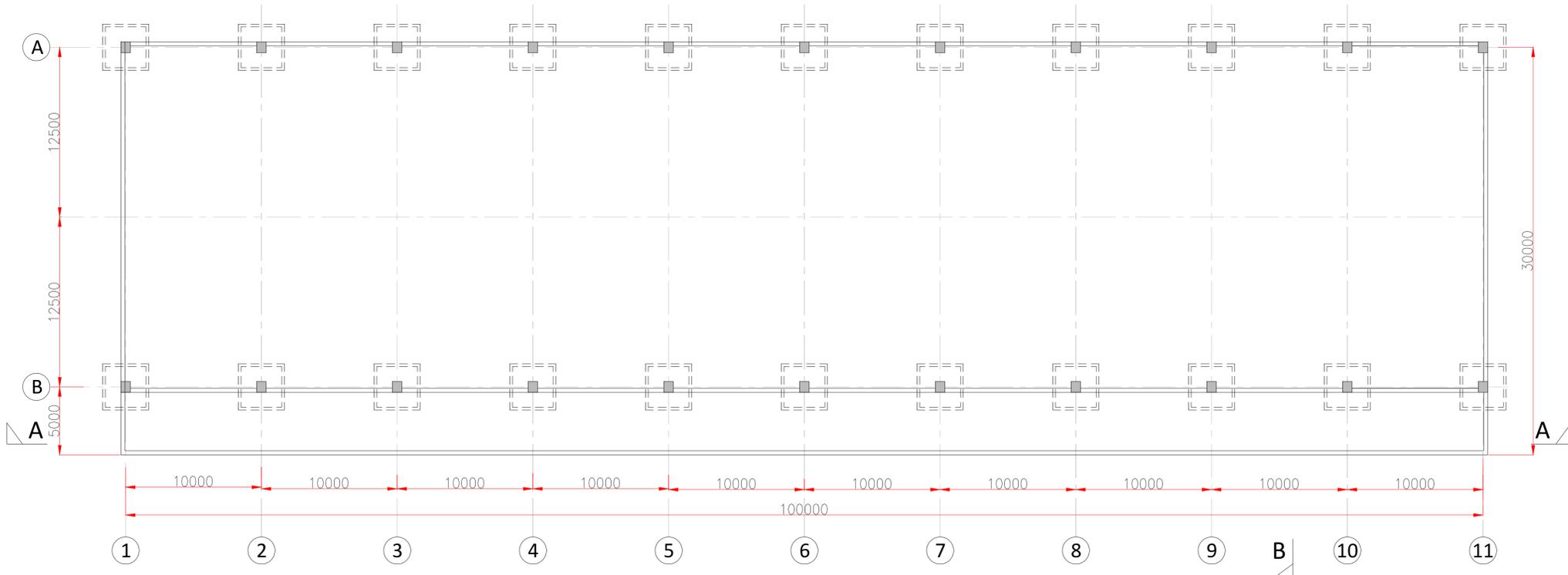
		INLAND WATERWAYS AUTHORITY OF INDIA													
PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR															
CONSULTANT		<table border="1"> <tr> <td>NAME</td> <td>SIGN</td> <td>DATE</td> </tr> <tr> <td>DRN</td> <td>VAP</td> <td>26-09-17</td> </tr> <tr> <td>CHD</td> <td>AM</td> <td>26-09-17</td> </tr> <tr> <td>APD</td> <td>SP</td> <td>26-09-17</td> </tr> </table>		NAME	SIGN	DATE	DRN	VAP	26-09-17	CHD	AM	26-09-17	APD	SP	26-09-17
NAME	SIGN	DATE													
DRN	VAP	26-09-17													
CHD	AM	26-09-17													
APD	SP	26-09-17													
		TITLE IWT TERMINAL AT GHAZIPUR TYPICAL LAYOUT & ELEVATION OF TOILET BLOCK													
JOB. NO. I-525		ORG. NO. GPT-1013													
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE															
UNIT		SCALE													
Size : A1		REV. 0													

REV	DATE	DESCRIPTION	VAP	AM	SP
0	26-09-17	-	DRN	CHD	APD

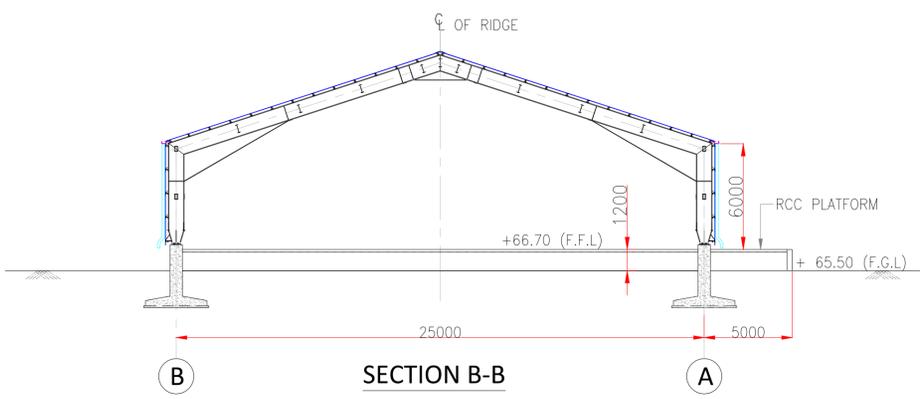
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VIEW A-A



LAYOUT PLAN OF SHED



SECTION B-B

F.G.L.-FINISH GROUND LEVEL
F.F.L.-FINISH FLOOR LEVEL

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRE
2. ALL LEVELS ARE IN METRE & ARE WITH RESPECT TO MSL

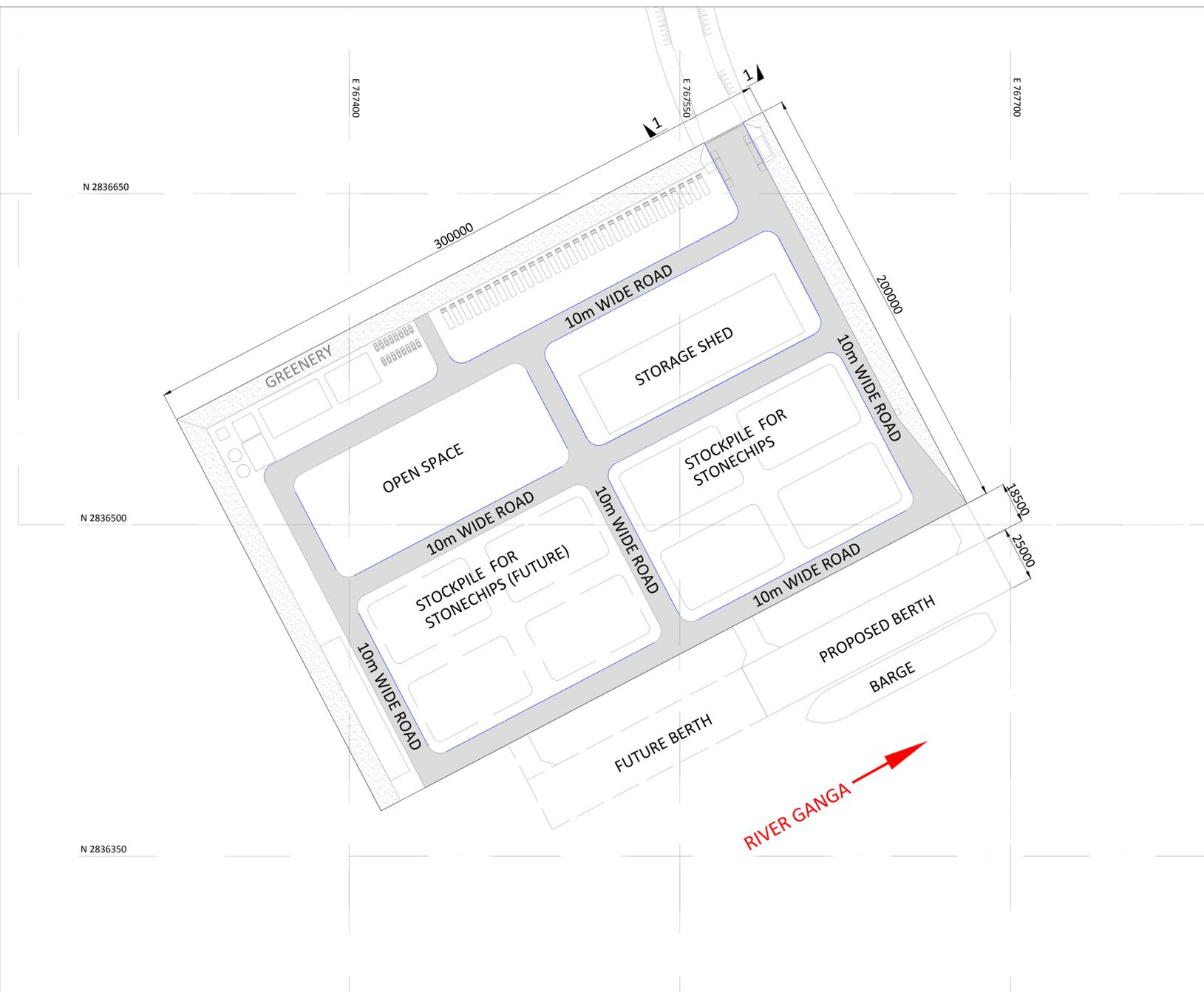
		INLAND WATERWAYS AUTHORITY OF INDIA	
PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR			
CONSULTANT			
DRN	VAP	NAME	SIGN
CHD	AM		DATE
APD	SP		26-09-17
TITLE IWT TERMINAL AT GHAZIPUR LAYOUT & ELEVATION OF COVERED STORAGE SHED		JOB. NO.	DRG. NO.
		I-525	GPT-1014

REV	DATE	DESCRIPTION	VAP	AM	SP
0	26-09-17	-	DRN	CHD	APD

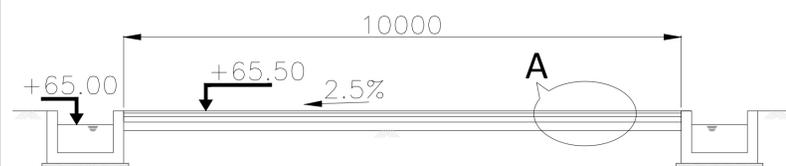
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COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE

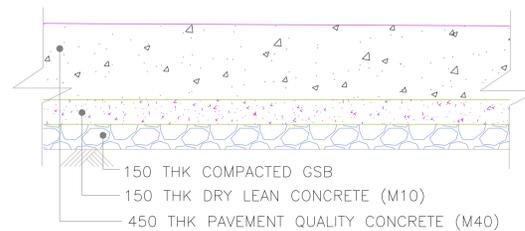
UNIT	SCALE	Size : A1	REV. 0
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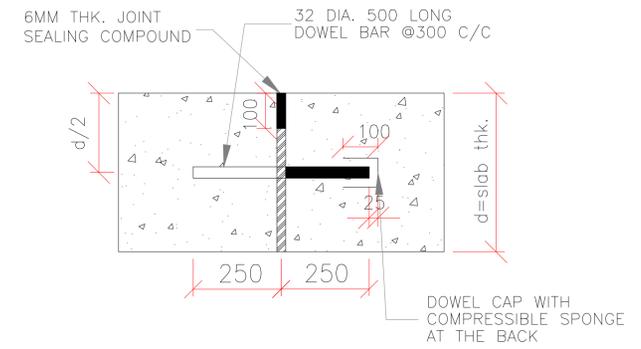
LAYOUT OF INTERNAL ROADS



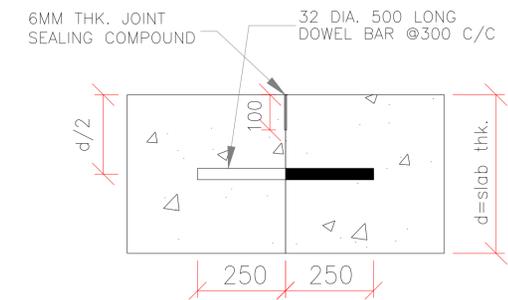
TYPICAL CROSS SECTION FOR ROAD



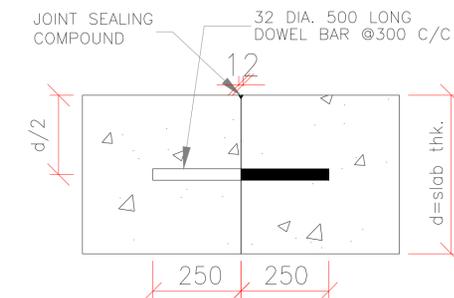
DETAIL A



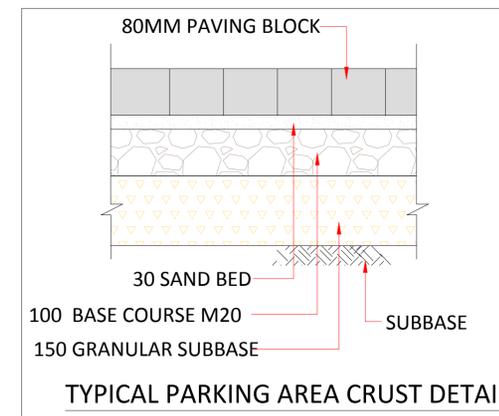
EXPANSION JOINT WITH DOWEL BAR



CONTRACTION JOINT WITH DOWEL BAR



LONGITUDINAL BUTT JOINT WITH TIE BAR



TYPICAL PARKING AREA CRUST DETAIL

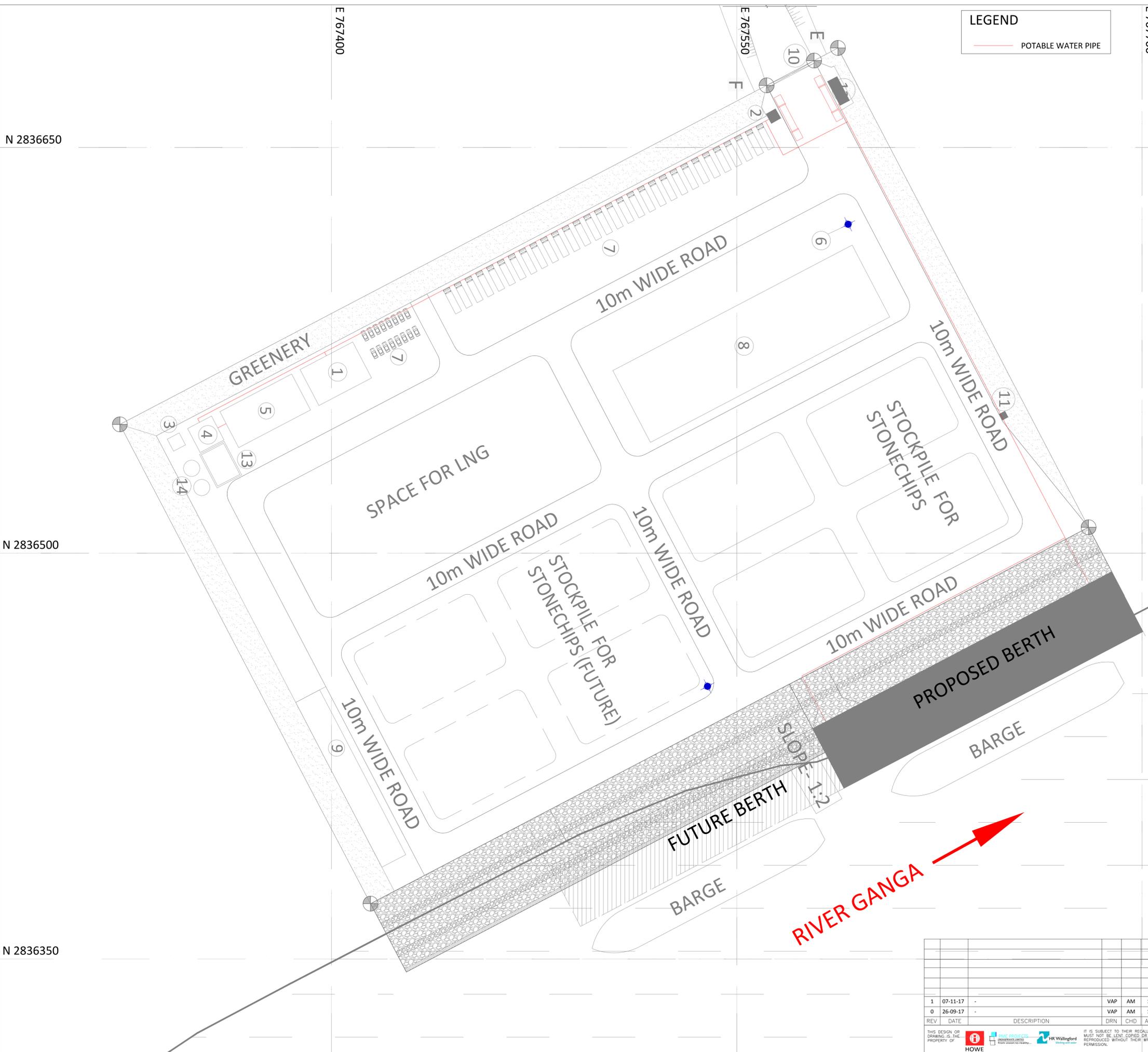
NOTES

1. ALL DIMENSIONS ARE IN MILLIMETER.
2. ALL LEVELS ARE IN METERS & ARE WITH RESPECT TO MSL

		INLAND WATERWAYS AUTHORITY OF INDIA	
PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR			
CONSULTANT			
DRN	VAP	NAME	SIGN
CHD	AM	DATE	DATE
APD	SP		
TITLE IWT TERMINAL AT GHAZIPUR		JOB. NO.	ORG. NO.
LAYOUT & TYPICAL CROSS SECTIONS OF INTERNAL ROADS		I-525	GPT-1015
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE			
UNIT	SCALE	Size : A1	REV. 0

REV	DATE	DESCRIPTION	VAP	AM	SP
0	26-09-17		DRN	CHD	APD

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LEGEND

— POTABLE WATER PIPE

FACILITIES

S.NO.	DESCRIPTION
1	TERMINAL ADMINISTRATION BUILDING
2	WEIGH BRIDGE & SECURITY ROOM
3	SEWAGE TREATMENT PLANT
4	UNDERGROUND RESERVOIR
5	ELECTRICAL SUB STATION
6	HIGHMAST LIGHTING TOWERS
7	VEHICLE PARKING AREA
8	STORAGE SHED
9	SETTLING POND
10	GATE
11	TOILET BLOCK
12	WEIGH BRIDGE & SECURITY ROOM WITH TOILET
13	PUMP HOUSE
14	FW TANKS



N 2836650

N 2836500

N 2836350

REV	DATE	DESCRIPTION	DRN	CHD	APD	VAP	AM	SP
1	07-11-17					VAP	AM	SP
0	26-09-17					VAP	AM	SP

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INLAND WATERWAYS AUTHORITY OF INDIA

PROJECT: TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR

CONSULTANT: **HOWE** | **PMC PROJECTS** | **HR Wallingford**

NAME	SIGN	DATE
DRN	VAP	26-09-17
CHD	AM	26-09-17
APD	SP	26-09-17

TITLE: IWT TERMINAL AT GHAZIPUR LAYOUT OF WATER SUPPLY SYSTEM

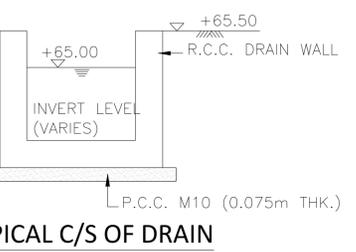
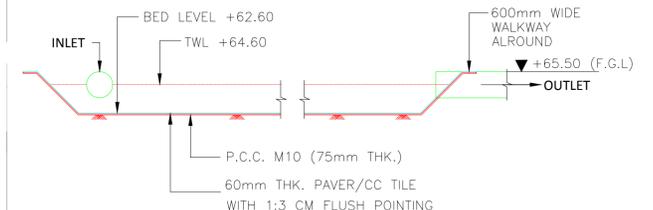
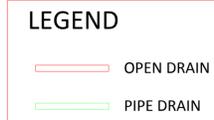
JOB. NO. I-525 | DRG. NO. GPT-1016

COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE

UNIT: SCALE: Size: A1 REV. 1

FACILITIES

S.NO.	DESCRIPTION
1	TERMINAL ADMINISTRATION BUILDING
2	WEIGH BRIDGE & SECURITY ROOM
3	SEWAGE TREATMENT PLANT
4	UNDERGROUND RESERVOIR
5	ELECTRICAL SUB STATION
6	HIGHMAST LIGHTING TOWERS
7	VEHICLE PARKING AREA
8	STORAGE SHED
9	SETTLING POND
10	GATE
11	TOILET BLOCK
12	WEIGH BRIDGE & SECURITY ROOM WITH TOILET
13	PUMP HOUSE
14	FW TANKS



- NOTES:**
1. ALL DIMENSIONS ARE IN METRE
 2. ALL LEVELS ARE IN METRE & ARE WITH RESPECT TO MSL

INLAND WATERWAYS AUTHORITY OF INDIA

PROJECT: TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR

CONSULTANT: **HOWE**, **PMC PROJECTS**, **HR Wallingford**

NAME	SIGN	DATE
DRN	VAP	26-09-17
CHD	AM	26-09-17
APD	SP	26-09-17

TITLE: **IWT TERMINAL AT GHAZIPUR LAYOUT OF STORM WATER DRAINAGE SYSTEM**

JOB. NO. I-525 ORG. NO. GPT-1017

COORDINATE SYSTEM USED: **ENTER CO-ORD SYSTEM HERE**

UNIT	SCALE	Size : A1	REV. 1
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REV	DATE	DESCRIPTION	DRN	CHD	APD	VAP	AM	SP
1	07-11-17	-						
0	26-09-17	-						

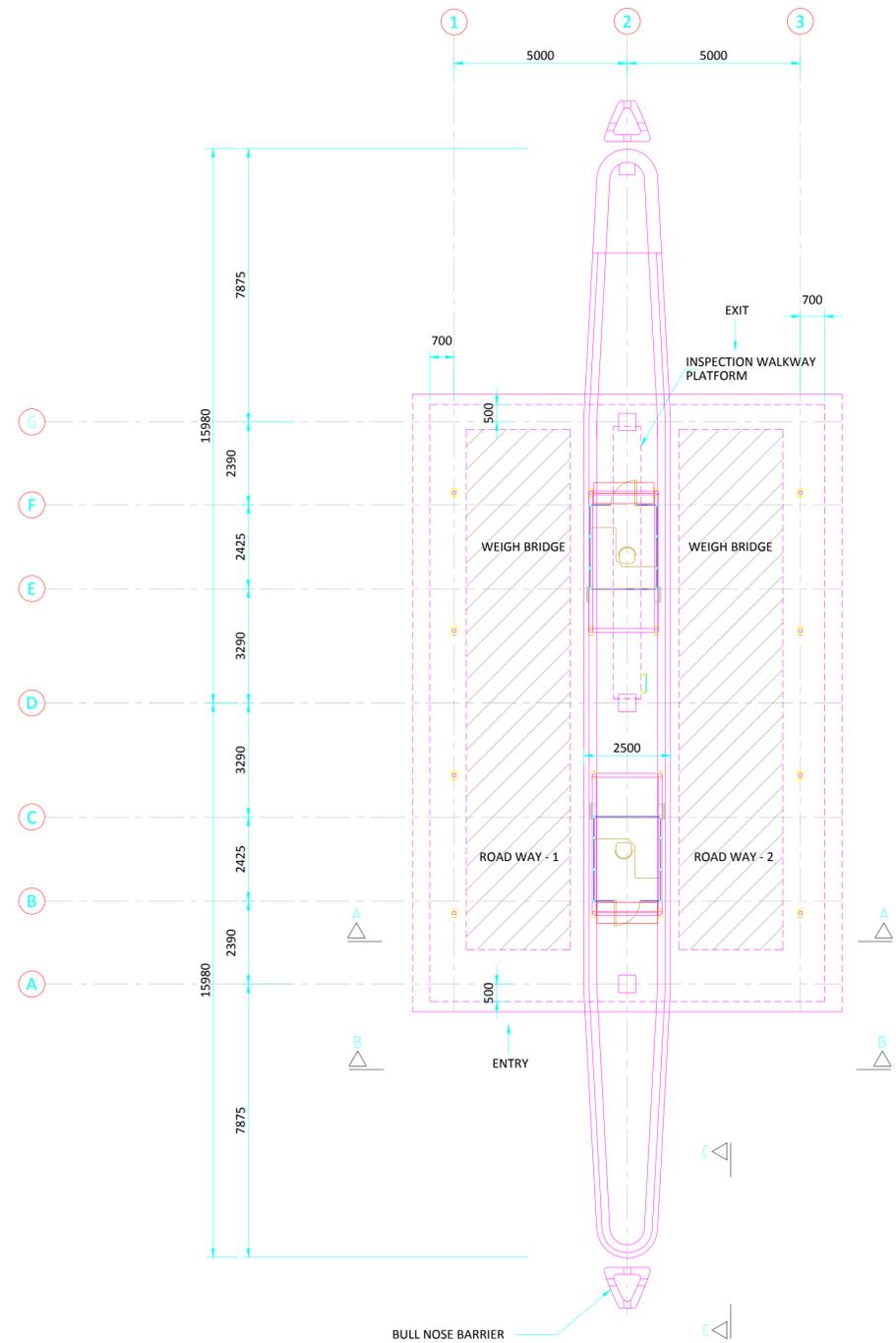
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N 2836650

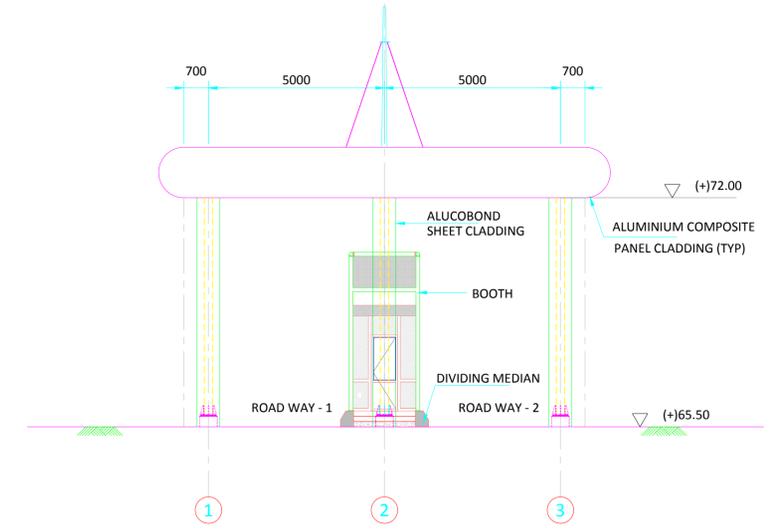
N 2836500

N 2836350

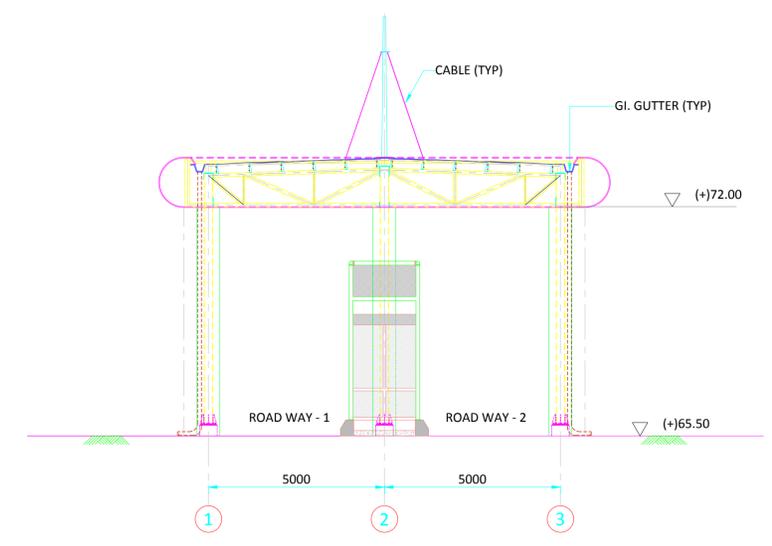




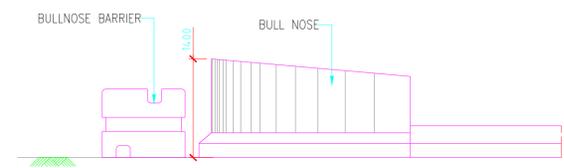
GATE COMPLEX ENTRY & EXIT PLAN



VIEW B-B



SECTION A-A



VIEW C-C

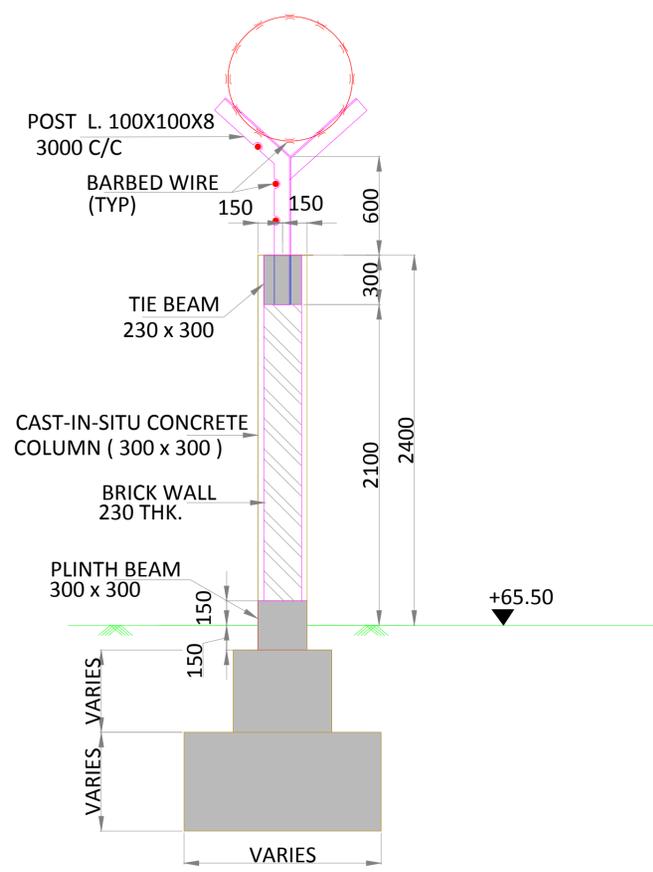
- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETERS
 2. ALL LEVELS ARE IN METERS & ARE WITH RESPECT TO MSL

		INLAND WATERWAYS AUTHORITY OF INDIA														
PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR																
CONSULTANT		<table border="1"> <tr> <td>NAME</td> <td>SIGN</td> <td>DATE</td> </tr> <tr> <td>DRN</td> <td>VAP</td> <td>26-09-17</td> </tr> <tr> <td>CHD</td> <td>AM</td> <td>26-09-17</td> </tr> <tr> <td>APD</td> <td>SP</td> <td>26-09-17</td> </tr> </table>			NAME	SIGN	DATE	DRN	VAP	26-09-17	CHD	AM	26-09-17	APD	SP	26-09-17
NAME	SIGN	DATE														
DRN	VAP	26-09-17														
CHD	AM	26-09-17														
APD	SP	26-09-17														
		TITLE IWT TERMINAL AT GHAZIPUR TYPICAL DETAIL OF GENERAL ARRANGEMENT OF GATE COMPLEX														
		JOB. NO. I-525 ORG. NO. GPT-1018														
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE																
UNIT		SCALE		Size : A1												
				REV. 0												

0	26-09-17	-	VAP	AM	SP
REV	DATE	DESCRIPTION	DRN	CHD	APD
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KEY PLAN



TYPICAL C/S OF BOUNDARY WALL

LEGEND:

PROPOSED TERMINAL AREA

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRE
2. ALL LEVELS ARE IN METRE & ARE WITH RESPECT TO MSL

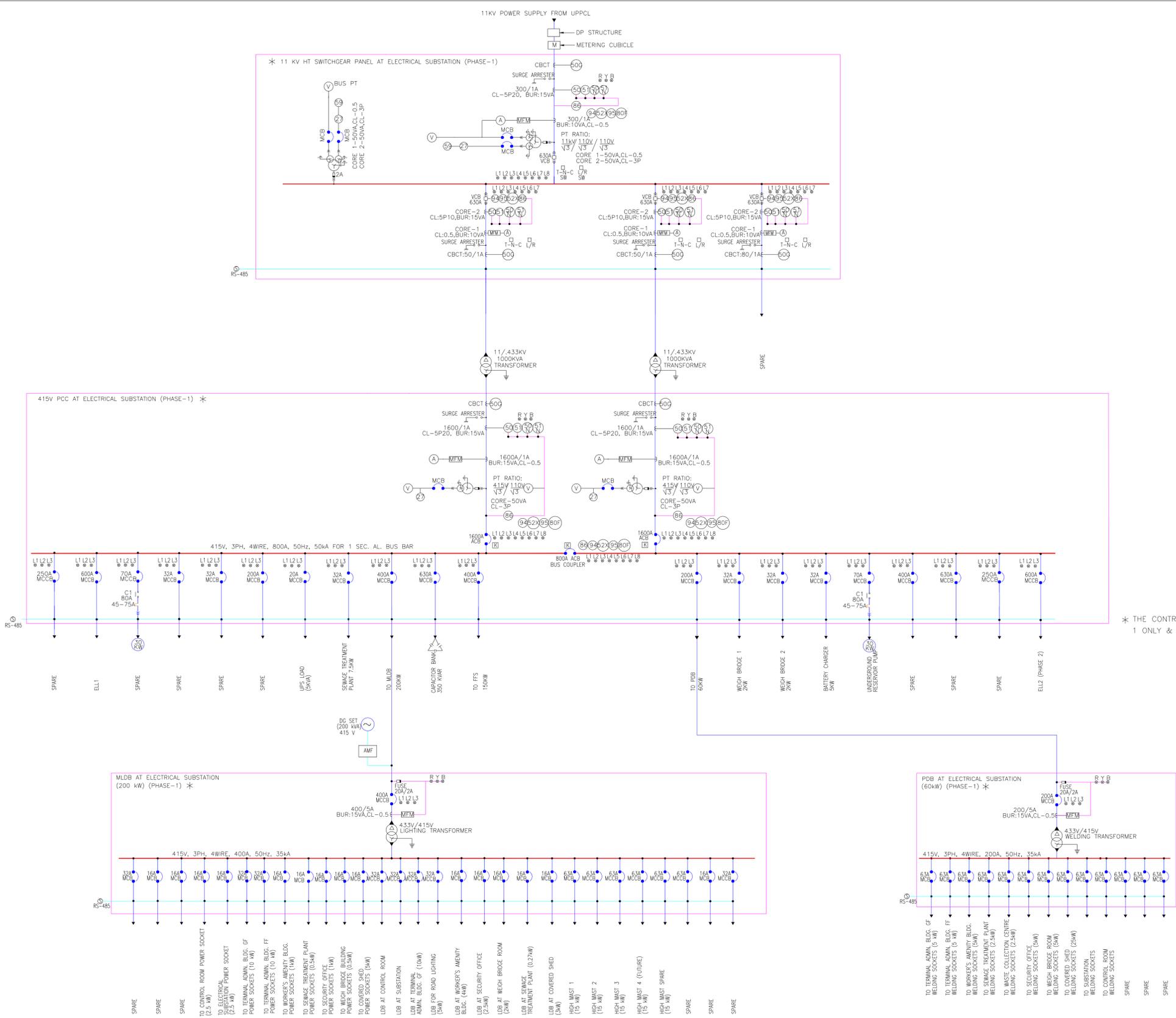
		INLAND WATERWAYS AUTHORITY OF INDIA	
PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR			
CONSULTANT			
DRN	VAP	NAME	SIGN
CHD	AM		DATE
APD	SP		26-09-17
TITLE		JOB. NO.	DRG. NO.
IWT TERMINAL AT GHAZIPUR -TYPICAL		I-525	GPT-1019
DETAIL OF BOUNDARY WALL WITH FENCING			

REV	DATE	DESCRIPTION	VAP DRN	AM CHD	SP APD
0	26-09-17	-			

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COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE		UNIT	SCALE	Size : A1	REV. 0
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SYMBOL	DESCRIPTION
	OVERLOAD RELAY
	FUSE
	CURRENT TRANSFORMER
	POTENTIAL TRANSFORMER
	MOULDED CASE CIRCUIT BREAKER
	INDICATION
	AIR CIRCUIT BREAKER
	SURGE ARRESTER
	CORE BALANCE CURRENT TRANSFORMER
	UNDER VOLTAGE RELAY
	INSTANTANEOUS OVER CURRENT RELAY
	INSTANTANEOUS EARTH FAULT RELAY
	IDMT EARTH FAULT RELAY
	OVER VOLTAGE RELAY
	TRIP CIRCUIT SUP. RELAY
	LOCK OUT RELAY
	ANTI PUMPING RELAY
	INSTANTANEOUS GROUND FAULT RELAY
	DC FAIL RELAY
	BREAKER ON RED
	BREAKER OFF GREEN
	BREAKER TRIP AMBER
	SPRING CHARGED RED
	TRIP CIRCUIT HEALTHY
	BREAKER IN TEST POSITION
	BREAKER IN SERVICE POSITION
	DC FAIL
	BREAKER CONTACT MULTIPLIER RELAY
	TRIP NEUTRAL CLOSE SWITCH
	LOCAL/REMOTE SELECTOR SWITCH
	VOLTMETER
	AMMETER
	MULTI FUNCTION METER
	VACUUM CIRCUIT BREAKER
	ELECTRICAL & MECHANICAL INTERLOCK
	CONTACTOR
	AUTO MAINS FAILURE WITH CHANGEDOVER SWITCH
	POWER CONTROL CENTER
	MAIN LIGHTING DISTRIBUTION BOARD
	LIGHTING DISTRIBUTION BOARD
	POWER DISTRIBUTION BOARD
	UTTAR PRADESH POWER CORPORATION LTD



* THE CONTRACTOR SHALL PROCURE THE EQUIPMENT FOR PHASE 1 ONLY & PROVISION SHALL BE MADE FOR PHASE 2.

- NOTES:-
- 1) HT & LT SWITCHGEAR PANEL SHALL BE SUITABLE FOR FUTURE EXPANSION ON BOTH SIDES.
 - 2) HT & LT SWITCHBOARD AT LEAST 20% SPARE FEEDERS OF EACH TYPE AND RATING SHALL BE PROVIDED.
 - 3) ALL METERING & PROTECTION SHALL BE PROVIDED AS PER SPECIFICATION.
 - 4) DESIGN AMBIENT TEMPERATURE: 45°C.
 - 5) CABLE SIZES SHALL BE AS PER APPROVED CALCULATIONS.
 - 6) RATING OF COMPONENTS SHALL BE SELECTED BY THE SUPPLIER TO ENSURE PROTECTION OF FEEDERS AS PER TYPE-2 COORDINATION OF IS 13947.
 - 7) INDICATING LAMPS SHALL BE IN THE FORM OF CLUSTER LED.
 - 8) FOR INTERNAL ILLUMINATION OF PANELS FITTINGS SHALL BE CONTROLLED BY THE RESPECTIVE PANEL DOOR SWITCH.
 - 9) VA RATINGS OF CTs & PTs ARE INDICATIVE ONLY, VENDOR HAS TO CHECK THE SAME BASED ON LOAD.
 - 10) ALL INCOMERS AND OUTGOINGS 125A AND ABOVE SHALL HAVE MICROPROCESSOR BASED O/L & SC RELEASES AND BELOW 125A SHALL HAVE THERMAL MAGNETIC BASED O/L AND S/C RELEASES. HOWEVER WELDING FEEDER SHALL BE PROVIDED WITH AN ADDITIONAL EARTH FAULT.
 - 11) CURRENT DENSITY OF ALL ALUMINIUM BUSBAR SHALL NOT EXCEED 1.0/SQ.MM AND OF COPPER BUSBAR SHALL NOT EXCEED 1.25 A/SQ.MM.
 - 12) PDB SHALL FED POWER TO THE WELDING SOCKETS OF RESPECTIVE BUILDINGS.
 - 13) IN MLDB & PDB SPACE FOR 32A & 63A MCCB RESPECTIVELY SHALL BE PROVIDED FOR FIXING OF COMPONENTS DURING PHASE-2

INLAND WATERWAYS AUTHORITY OF INDIA

PROJECT: **TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR**

CONSULTANT: **HOWE**, **PMC PROJECTS**, **HR Wallingford**

NAME	SIGN	DATE
DRN	VP	26-09-17
CHD	MS/HS	26-09-17
APD	RK	26-09-17

TITLE: **IWT TERMINAL AT GHAZIPUR POWER SINGLE LINE DIAGRAM**

JOB. NO. **I-525** ORG. NO. **GPT-1020**

COORDINATE SYSTEM USED: **ENTER CO-ORD SYSTEM HERE**

REV	DATE	DESCRIPTION	VAP	MS	SP
0	26-09-17		DRN	CHD	APD

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UNIT: **SCALE** Size: **A1** REV. **0**



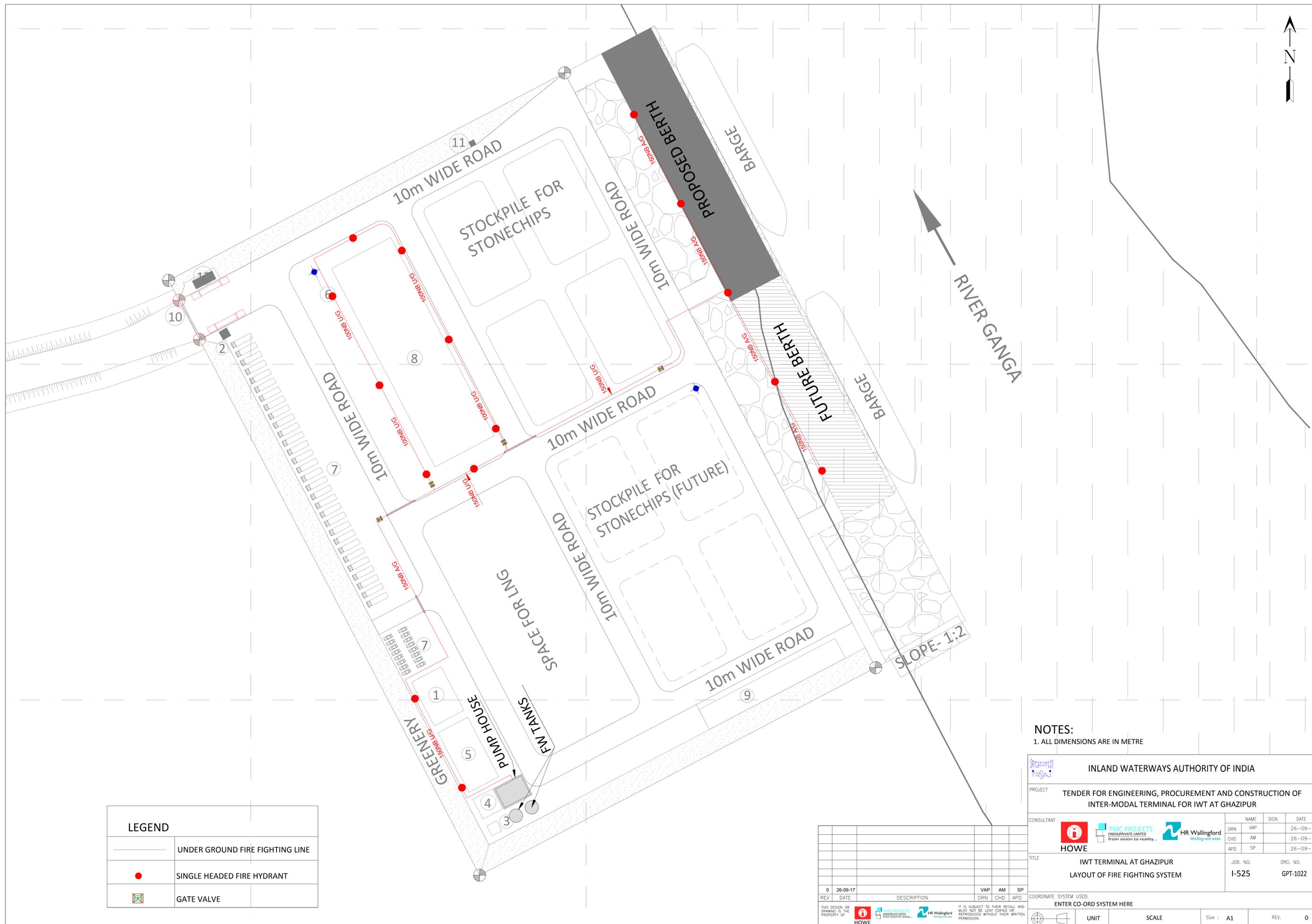
LEGEND:

SYMBOL	DESCRIPTION
	HUME PIPE FOR CABLE ROAD CROSSING
	RCC CABLE TRENCH 1.0X1.0 m
	CCTV CAMERA
	HIGHMAST (HM)

REV	DATE	DESCRIPTION	VAP	AM	SP
1	07-11-17		VAP	AM	SP
0	26-09-17		VAP	AM	SP

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		INLAND WATERWAYS AUTHORITY OF INDIA		
PROJECT: TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR				
CONSULTANT:		NAME	SIGN	DATE
		DRN	VP	26-09-17
		CHD	MS/HP	26-09-17
		APD	RK	26-09-17
TITLE: IWT TERMINAL AT GHAZIPUR HIGH MAST & CABLE ROUTE		JOB. NO.	DRG. NO.	
		I-525	GPT-1021	
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE				
	UNIT	SCALE	Size : A1	REV. 1



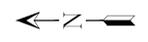
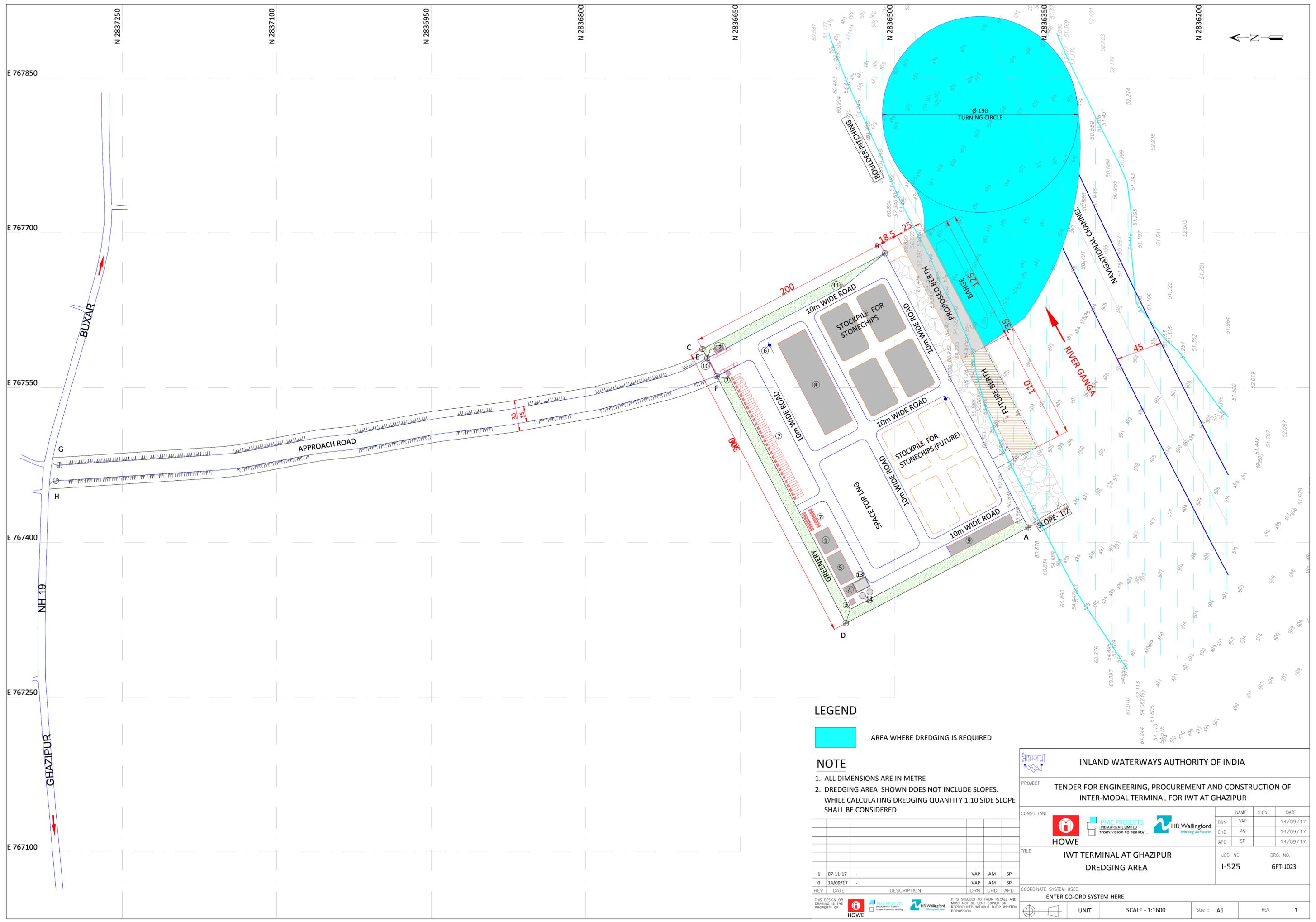
LEGEND	
	UNDER GROUND FIRE FIGHTING LINE
	SINGLE HEADED FIRE HYDRANT
	GATE VALVE

NOTES:
1. ALL DIMENSIONS ARE IN METRE

INLAND WATERWAYS AUTHORITY OF INDIA				
PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR				
CONSULTANT		NAME	SIGN	DATE
		DRN	VAP	26-09-17
		CHD	AM	26-09-17
		APD	SP	26-09-17
TITLE		JOB. NO.	DRG. NO.	
IWT TERMINAL AT GHAZIPUR LAYOUT OF FIRE FIGHTING SYSTEM		I-525	GPT-1022	
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE				
	UNIT	SCALE	Size : A1	REV. 0

REV	DATE	DESCRIPTION	DRN	CHD	APD	VAP	AM	SP
0	26-09-17							

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LEGEND

AREA WHERE DREDGING IS REQUIRED

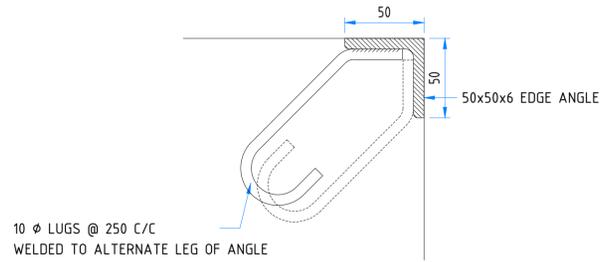
NOTE

1. ALL DIMENSIONS ARE IN METRE
2. DREDGING AREA SHOWN DOES NOT INCLUDE SLOPES. WHILE CALCULATING DREDGING QUANTITY 1:10 SIDE SLOPE SHALL BE CONSIDERED

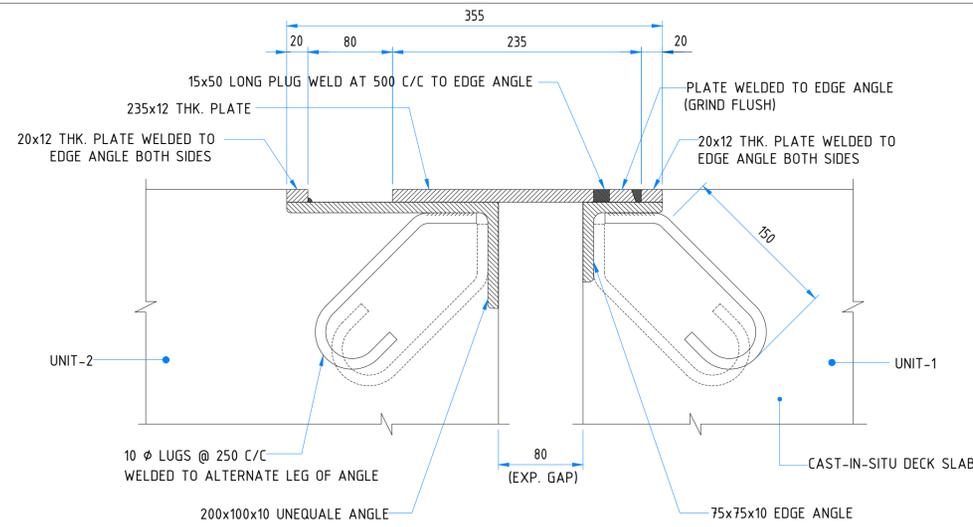
REV	DATE	DESCRIPTION	DRN	CHD	APD
1	07-11-17		VAP	AM	SP
0	14/09/17		VAP	AM	SP

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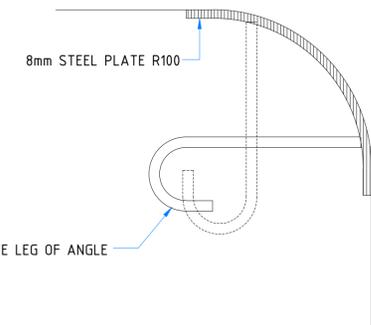
INLAND WATERWAYS AUTHORITY OF INDIA		
PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR		
CONSULTANT		NAME SIGN DATE
 HOWE	 INDIA PRIVATE LIMITED from vision to reality...	DRN VAP 14/09/17
	 HR Wallingford Working with water	CHD AM 14/09/17
		APD SP 14/09/17
TITLE IWT TERMINAL AT GHAZIPUR DREDGING AREA		JOB. NO. DRG. NO. I-525 GPT-1023
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE		
	UNIT	SCALE - 1:1600
	Size : A1	REV. 1



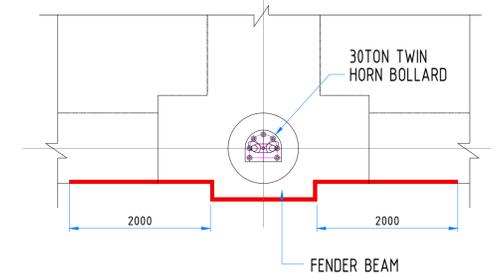
TYPICAL EDGE ANGLE DETAIL



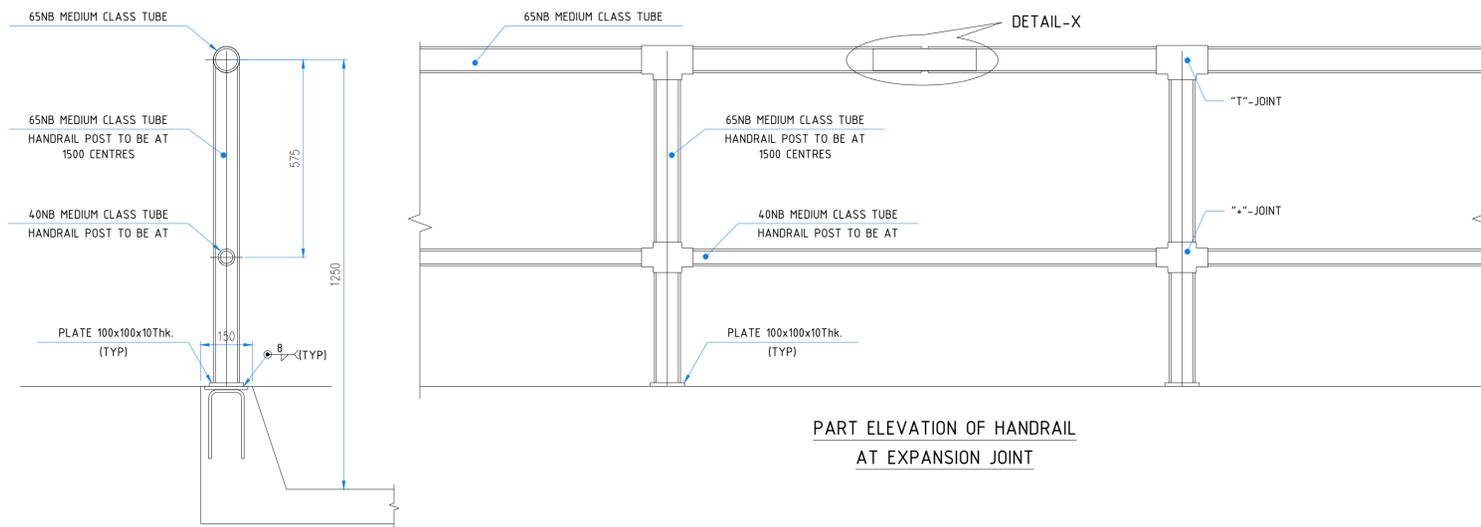
TYPICAL DETAIL OF EXPANSION JOINT BETWEEN UNIT-1 AND UNIT-2



TYPICAL RUBBING STRIP DETAIL

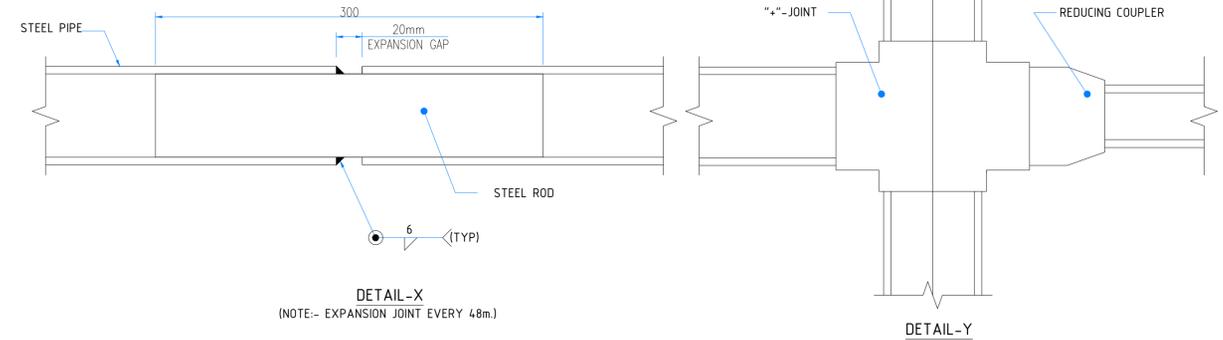


PLAN AT RUBBER STRIP



PART ELEVATION OF HANDRAIL AT EXPANSION JOINT

TYP. DETAIL OF HANDRAIL

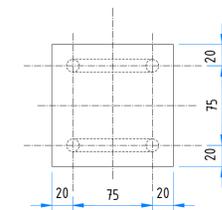


DETAIL-X (NOTE:- EXPANSION JOINT EVERY 4.8m.)

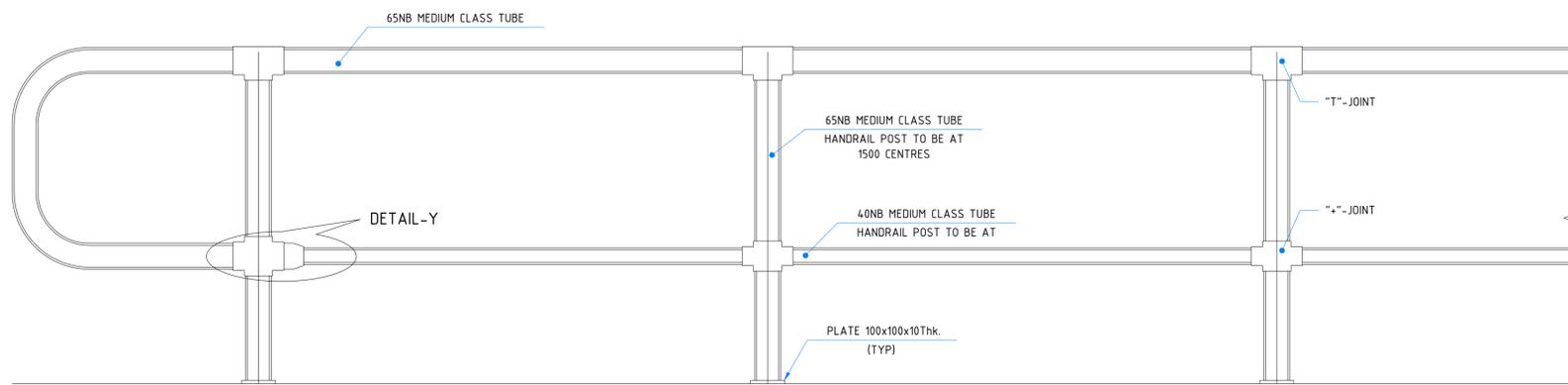
DETAIL-Y

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METERS DIFFERENCE BETWEEN TO CHART MSL
3. ALL STRUCTURAL STEEL PLATES SHALL CONFIRM TO IS: 2062 GRADE 'B'.
4. ALL STRUCTURAL STEEL ITEMS SHALL BE HOT DIPPED GALVANIZED.
5. ALL WELDS SHALL BE 6mm FILLET WELDS EXCEPTING IN HANDRAIL POST WHERE 3mm WELD SHALL BE USED.
6. ALL WELDS SHALL CONFIRM TO IS: 9595.
8. ALL PERMANENTLY EMBEDDED PARTS IN CONCRETE SHALL BE SS 316.
9. ALL FIXTURES INCLUDING BOLTS FOR FIXING OF LADDERS SHALL BE OF GRADE SS 316.
10. MOORING RINGS AND 'U' BOLTS SHALL BE OF GRADE SS 316.
11. THE DETAILS OF CRANE RAIL AND IT'S FIXTURES SHOWN ARE ONLY INDICATIVE. THE DETAILS OF RAIL FIXING, RAIL JOINT & SIZE AND TYPE OF RAILS SHALL BE AS PER THE SPECIFICATION OF CRANE MANUFACTURER.
12. ALL STEEL SECTIONS EXCEPT STAINLESS STEEL TO BE GALVANISED



SECTION A-A

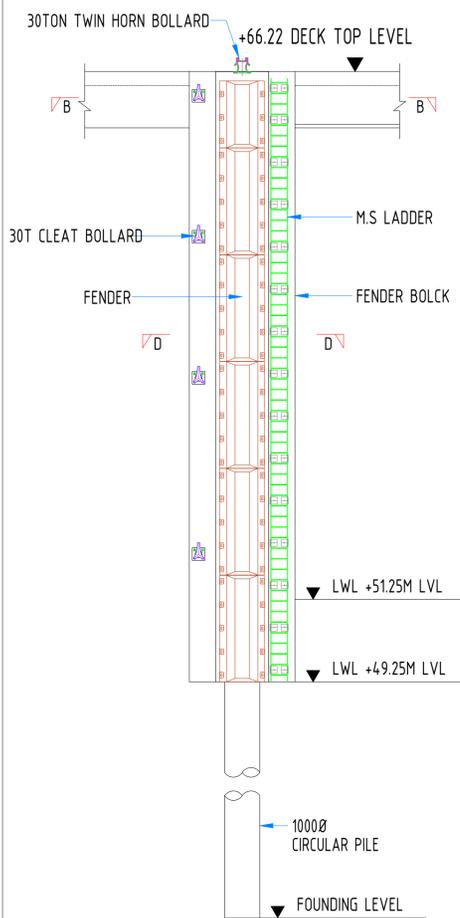


ELEVATION OF HANDRAIL

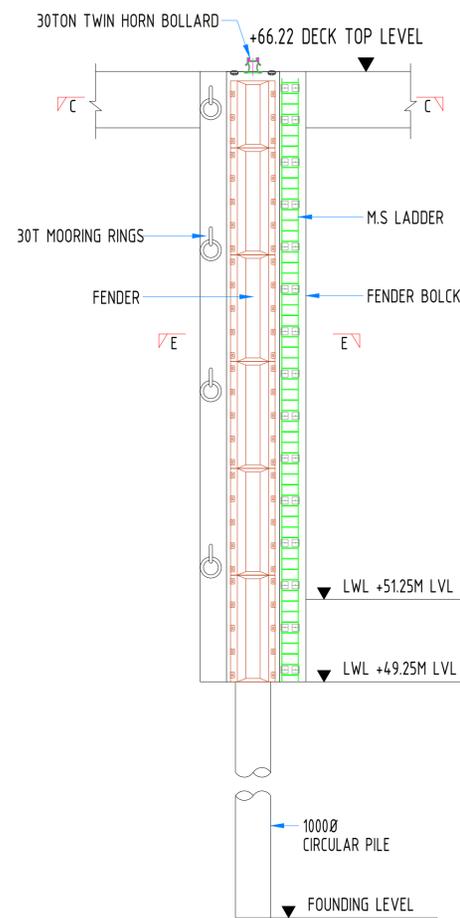
REV	DATE	DESCRIPTION	DRN	C.H.D	APD
1	08.01.18		VAP	AM	SP
0	17.11.17		VAP	AM	SP

<p>INLAND WATERWAYS AUTHORITY OF INDIA</p>													
<p>PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR</p>													
<p>CONSULTANT</p>	<table border="1"> <thead> <tr> <th>NAME</th> <th>SIGN</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRN</td> <td>VAP</td> <td>17-11-17</td> </tr> <tr> <td>CHD</td> <td>MS</td> <td>17-11-17</td> </tr> <tr> <td>APD</td> <td>SP</td> <td>17-11-17</td> </tr> </tbody> </table>	NAME	SIGN	DATE	DRN	VAP	17-11-17	CHD	MS	17-11-17	APD	SP	17-11-17
NAME	SIGN	DATE											
DRN	VAP	17-11-17											
CHD	MS	17-11-17											
APD	SP	17-11-17											
<p>TITLE IWT TERMINAL AT GHAZIPUR</p>													
<p>BERTHING APPURTENANCES DETAILS</p>													
JOB. NO.	DRG. NO.												
I-525	GPT-1024												
(SHEET 1 OF 2)													
<p>COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE</p>													
UNIT	SCALE -												
Size : A1	REV. 1												

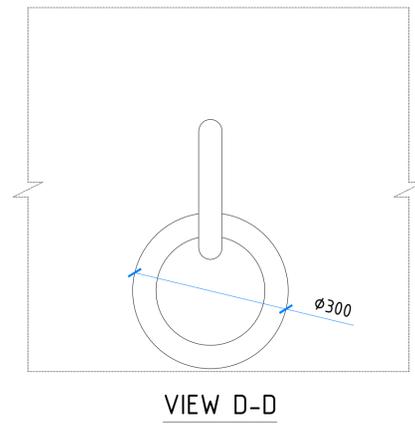
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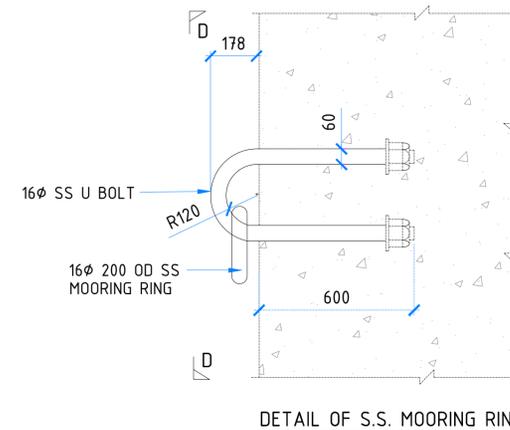
OPTION-1
WITH 30T CLEAT BOLLARD



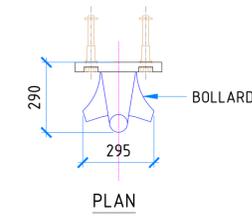
OPTION-2
WITH 30T MOORING RING



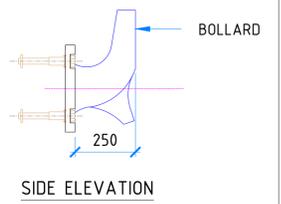
VIEW D-D



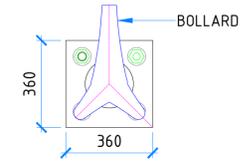
DETAIL OF S.S. MOORING RING



PLAN

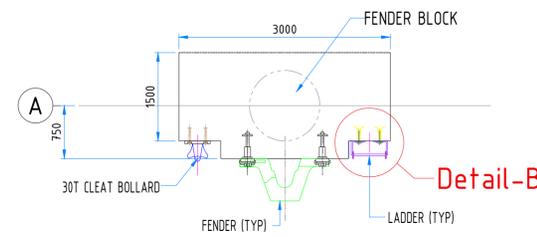


SIDE ELEVATION

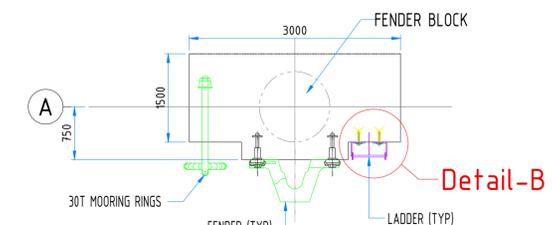


ELEVATION

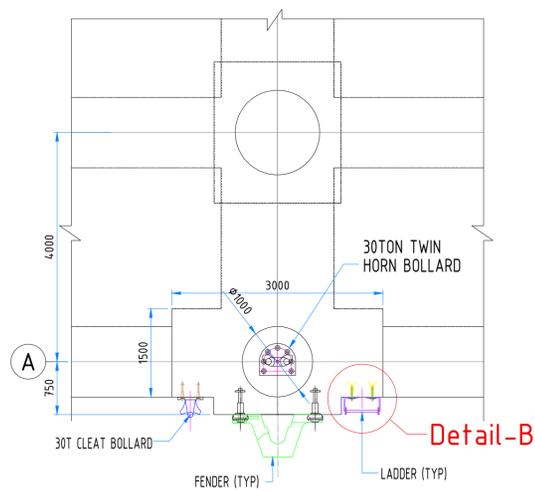
DETAIL OF 30T CLEAT BOLLARD



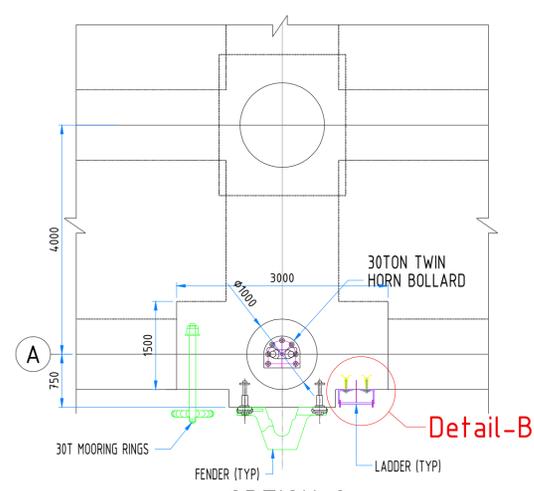
OPTION-1
WITH 30T CLEAT BOLLARD
SECTION-D-D



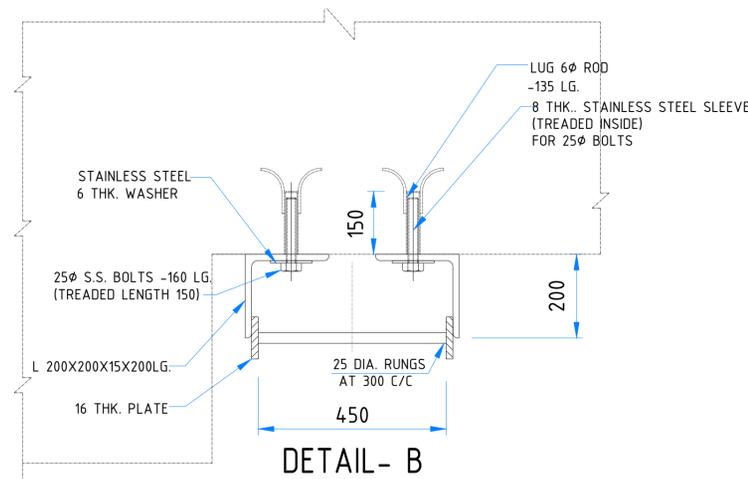
OPTION-2
WITH 30T MOORING RING
SECTION-E-E



OPTION-1
WITH 30T CLEAT BOLLARD
SECTION-B-B



OPTION-2
WITH 30T MOORING RING
SECTION-C-C



DETAIL- B
ALL STEEL SECTIONS EXCEPT STAINLESS STEEL
TO BE GALVANISED WITH 75 MICRONS ZINC COATING

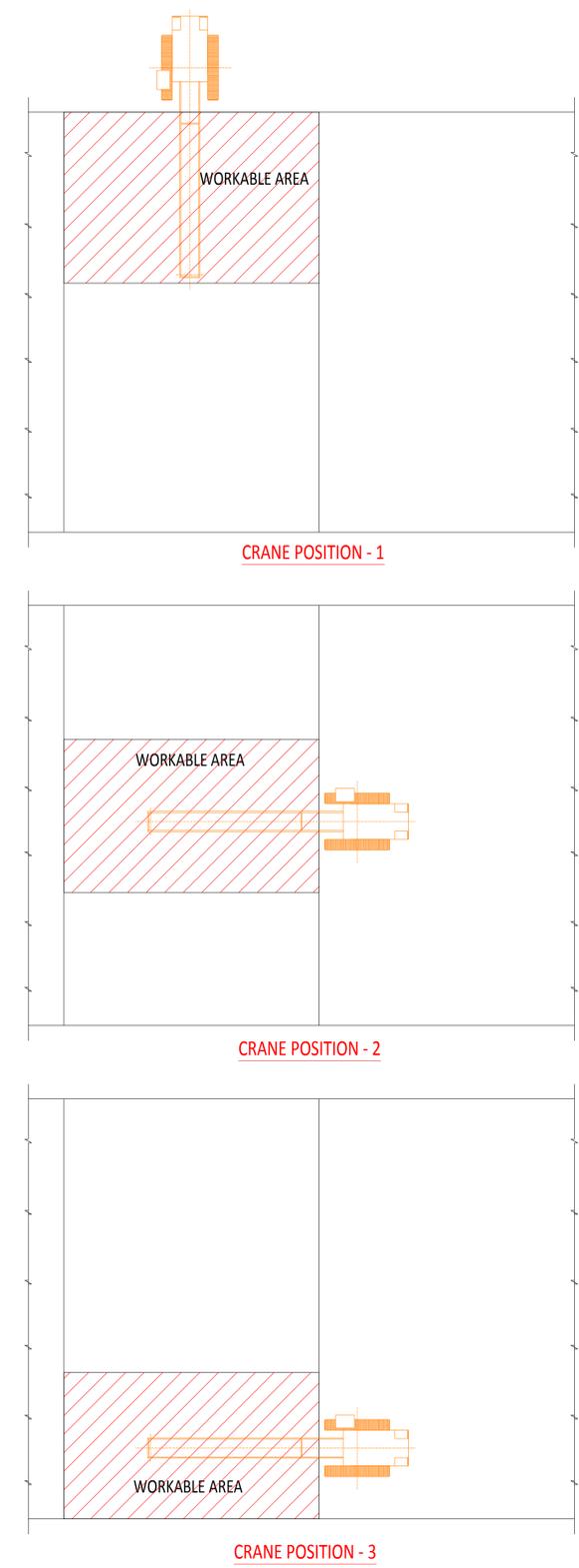
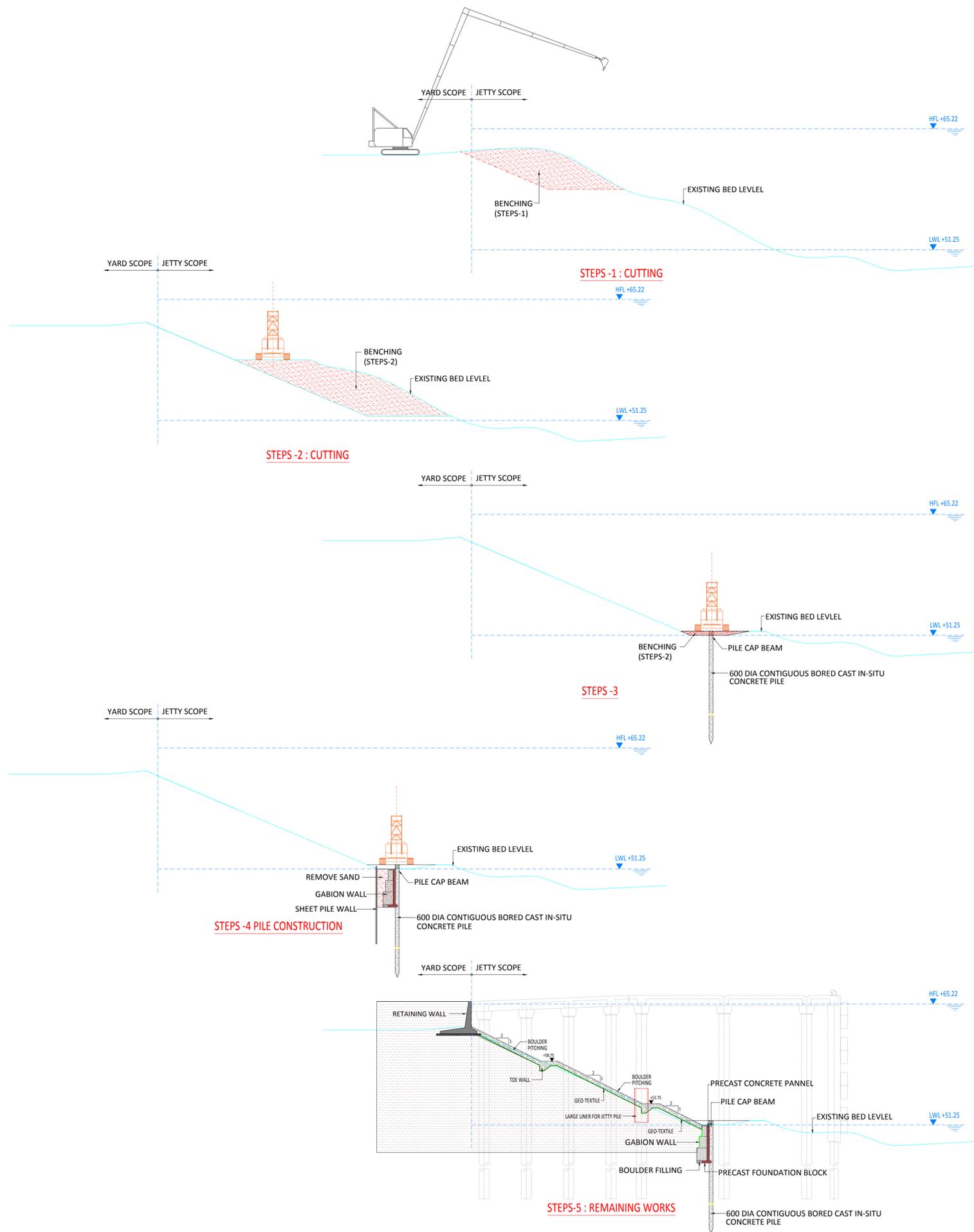
NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL LEVELS ARE IN METERS DIFFERENCE BETWEEN TO CHART MSL
3. ALL STRUCTURAL STEEL PLATES SHALL CONFIRM TO IS: 2062 GRADE 'B'.
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INLAND WATERWAYS AUTHORITY OF INDIA			
PROJECT TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR			
CONSULTANT	NAME	SIGN	DATE
	DRN	VAP	17-11-17
	CHD	MS	17-11-17
	APD	SP	17-11-17
TITLE	IWT TERMINAL AT GHAZIPUR		JOB. NO.
	BERTHING APPURTENANCES DETAILS		DRG. NO.
			I-525
			GPT-1024
			(SHEET 2 OF 2)
COORDINATE SYSTEM USED: ENTER CO-ORD SYSTEM HERE			
UNIT	SCALE -	Size : A1	REV. 2

REV	DATE	DESCRIPTION	DRN	CHD	APD
1	08.01.18		VAP	AM	SP
0	17.11.17		VAP	AM	SP

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NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRE
2. ALL LEVELS ARE IN METRE & ARE WITH RESPECT TO MSL
3. STONE PITCHING SHALL BE PROVIDED IN CRATES.
4. GABION BASKET OR CAGES FOR STONE PITCHING WHERE PROVIDED SHOULD BE WITH PVC COATED G.I WIRES FOR EXTENDED DURABILITY IN FLOOD PRONE AREAS LIKE THIS SITE.

REV	DATE	DESCRIPTION	VAP	AM	SP
0	25-12-17	-			

INLAND WATERWAYS AUTHORITY OF INDIA

PROJECT: **TENDER FOR ENGINEERING, PROCUREMENT AND CONSTRUCTION OF INTER-MODAL TERMINAL FOR IWT AT GHAZIPUR**

CONSULTANT: **HOWE**, **PMC PROJECTS**, **HR Wallingford**

TITLE: **IWT TERMINAL AT GHAZIPUR CONSTRUCTION METHODOLOGY PLAN & CROSS SECTION**

DRN	VAP	NAME	SIGN	DATE
CHD	AM			25-12-17
APD	SP			25-12-17

JOB. NO. **I-525** ORG. NO. **GPT-1025**

COORDINATE SYSTEM USED: **ENTER CO-ORD SYSTEM HERE**

UNIT: **SCALE** Size: **A1** REV. **2**

