

# **Rainwater Harvesting System Near Powerhouse IBA Main Campus**

## **Tender # CW/09/25-26**

### **MINUTES OF PRE-BID MEETING**

**Subject:** Site Visit

**Client:** IBA-KHI

**Dated:** August 28, 2025

**Time:** 11 00 Hrs.

**Venue:** IBA Main Campus -Karachi.

#### **Participants:**

<b>IBA's Representatives</b>	
Muhammad Nasimulhaque Malik (MNM)	
Senior Manager (Projects)	
Muhammad Rameez (MR)	
Senior Manager (Projects)	
Shariq Ahmed (SH)	
Junior Engr. Civil	

<b>S.No.</b>	<b>NAME OF FIRMS</b>
1	Insite Studio
2	NH Constructors
3	MG Construction
4	NS Engineering Services
5	M/S Hemandas

## Minutes of Meeting

1. The size of the rainwater collection chamber of Item #1 shall be 1.6 m × 1.6 m × 1.5 m, as shown in the drawing.
2. The filtration chamber above the borehole shall be of 4 ft diameter and 6 ft depth, constructed with RCC rings of 1 ft height in item # 2.
3. The joints between the precast rings of the filtration chamber shall remain unsealed.
4. A grating shall be installed at the mouth of the borehole to prevent gravel from falling into the borehole.
5. Concrete blocks of 1000 psi strength shall be used, with necessary testing carried out by Geotech or Soilmat.
6. All UPVC pipes must conform to Class B specifications, with testing reports provided from an approved laboratory.
7. Heavy duty grating of Pak Arab make shall be installed over the cut road.
8. The contractor will be responsible for rectifying any damage to existing utility lines that may occur during project execution.
9. Water, electricity, etc., are the responsibility of the contractor.
10. According to Karachi University Dispatch No. 840 dated 10/07/24, contractors must pay Rs. 1000 to Karachi University before the vehicle can enter KU premises. Additionally, only the Kaneez Fatima gate is permitted for material delivery.
11. Payment to the contractor shall be made as per clause mentioned in the bidding documents.

Minutes Recorded By:

Shariq Ahmed

IBA Representative

	<b>RAINWATER HARVESTING SYSTEM NEAR POWERHOUSE IBA MAIN CAMPUS</b>
	<b>KARACHI UNIVERSITY ENCLAVE</b>
	<b>PRICING PREAMBLES &amp; INSTRUCTIONS</b>
<b>S.NO</b>	<b>INSTRUCTIONS</b>
1	The Contract shall be an item-rate. It has two Component. The First Component is CSR 2024 based and the second component is based on prevailing market analyzed rates. In CSR Component the bidder shall add the premium above or below the schedule rate while in the Market based item the bidder shall quote the item rate as per prevailing market rate.
2	The Bidders are required to fill in all sections of the BOQ, Columns including all appendices.
3	All material, Equipment, Fittings & Fixtures shall be strictly as per "List of Approved Manufacturer"
4	All bidders are advised to quote as per specifications and drawing. Any tender not quoting as per specification is liable to rejection.
5	All bids shall be accompanied by one additional copy of the main proposal and priced BOQ marked as " DUPLICATE" duly filled, signed, and stamped.
6	All specifications, drawings and other documents supplied shall be returned with the tender bid duly signed & stamped.
7	Any discrepancies in BOQ, Specifications, drawing etc. shall be point out by the bidders before submission of tender and the Engineer shall notify the clarification /addenda to all the bidders. No claim of whatsoever shall be admissible during or after the contract period for any misunderstandings, ambiguities due to above, which has not been notified to the Engineer prior to submission of priced BOQ.
8	The quantities set out in BOQ are estimated quantities of the work and shall not be taken as the actual and correct quantities of the work to be executed by the contract. The contractor shall be required to supply and install everything necessary to provide a complete operational system as specified by drawings.
9	The rate quoted shall be inclusive of all type of withholding, sales, or local taxes.
10	Generally, the following shall be deemed to be included in the prices submitted with all items herein:
a)	Erection, dismantling and removal of all Contractor's site offices, stores, yards etc.
b)	Labor and all cost in connection therewith material and goods and all costs in connection therewith including not limited to cartage delivery, unloading, returning packing. Handling, hosing to any height, lowering, octrai charges etc.
c)	Supply of shop drawings and as built drawing as per mentioned in the General and Special Condition of Contracts.

	<b>CONSTRUCTION OF STAFF TOWN MAIN GATE AT IBA STAFF TOWN</b>							
	<b>KARACHI UNIVERSITY ENCLAVE</b>							
	<b>LIST OF APPROVED MANUFACTURERS</b>							
<b>A</b>	<b>ARCHITECTURAL WORKS</b>							
<b>S.NO</b>	<b>DESCRIPTUION</b>			<b>APPROVED MANUFACTURERS</b>				
1	CEMENT (OPC)			FALCON, LUCKY, OR EQUIVALENT AS PER SPECIFIATION				
2	CEMENT (SR)			FALCON, LUCKY, OR EQUIVALENT AS PER SPECIFIATION				
3	MS BAR DEFORMED G-60			AMRELLI, RAZAQUE, SARHAD, AGHA, MOGHAL OR EQUI.				
4	FAIR FACED HOLLOW BLOCK			ENVICRETE, BANUMUKHTAR, IZHAR OR EQUIVALENT				
5	FAIR FACED SOLID BLOCK			ENVICRETE, BANUMUKHTAR, IZHAR OR EQUIVALENT				
6	ORDINARY LOCAL BLOCK			MACHINE MADE Min.1000 PSI COMPRESSIVE STRENGTH				
7	INTERLOCKING PAVER & KERB			ENVICRETE, BANUMUKHTAR, IZHAR OR EQUIVALENT				
8	MS STRUCTURAL PIPE & TUBE			IIL, STEELEX JAMAL OR EQUIVALENT				
9	ALUMINUM WINDOWS SECTION			PAKISTAN CABLES, LUCKY, KHAS, ALCOP OR EQUIVALENT				
10	SEMI SOLID-PLY DOOR SHUTTER			STERLING, OSMAN BROS, OR EQUIVALENT AS APPROVED				
11	VIN BOARD, MDF, HDF			ALNOOR, CRESENT BOARD OR EQUIVALENT				
12	MOSAIC TILES			HYDERI, MATRIX OR EQUIVALENT AS APPROVED				
13	CERAMIC TILES			MASTER, SHABBIR, EMCO OR EQUIVALENT AS APPROVED				
14	ALUMINUM EXP. JOINT COVER			PAK CABLE OR APPROVED EQUIVALENT				
15	PVC WATER STOPPER			FOSROC, SIKKA OR EQUIVALENT AS APPROVED				
16	WATER PROOFING CHEMICAL			FOSPAK, BASF, SIKKA, PUDLO OR EQUIVALENT				
17	FALSE CEILING GYPSUM BOARD			THAILAND, INDONISIA ORIGIN OR EQUI. AS APPROVED				
18	PAINTS			ICI, BERGER, JOTUN OR EQUIVALENT AS APPROVED				
19	WINDOW BLINDS			PROTECTORS, MARVI, GRAND INTERIOR OR EQUIVALENT				
20	ANTITERMITE PESTICIDES			TENEKIL, TERMECURE, FIRPOKIL OR EQUIVALENT				
21	FLEXOCRETE, MASTERSEAL			MASTER SEAL, SIKA, BASF, FOSROC OR EQUIVALENT				

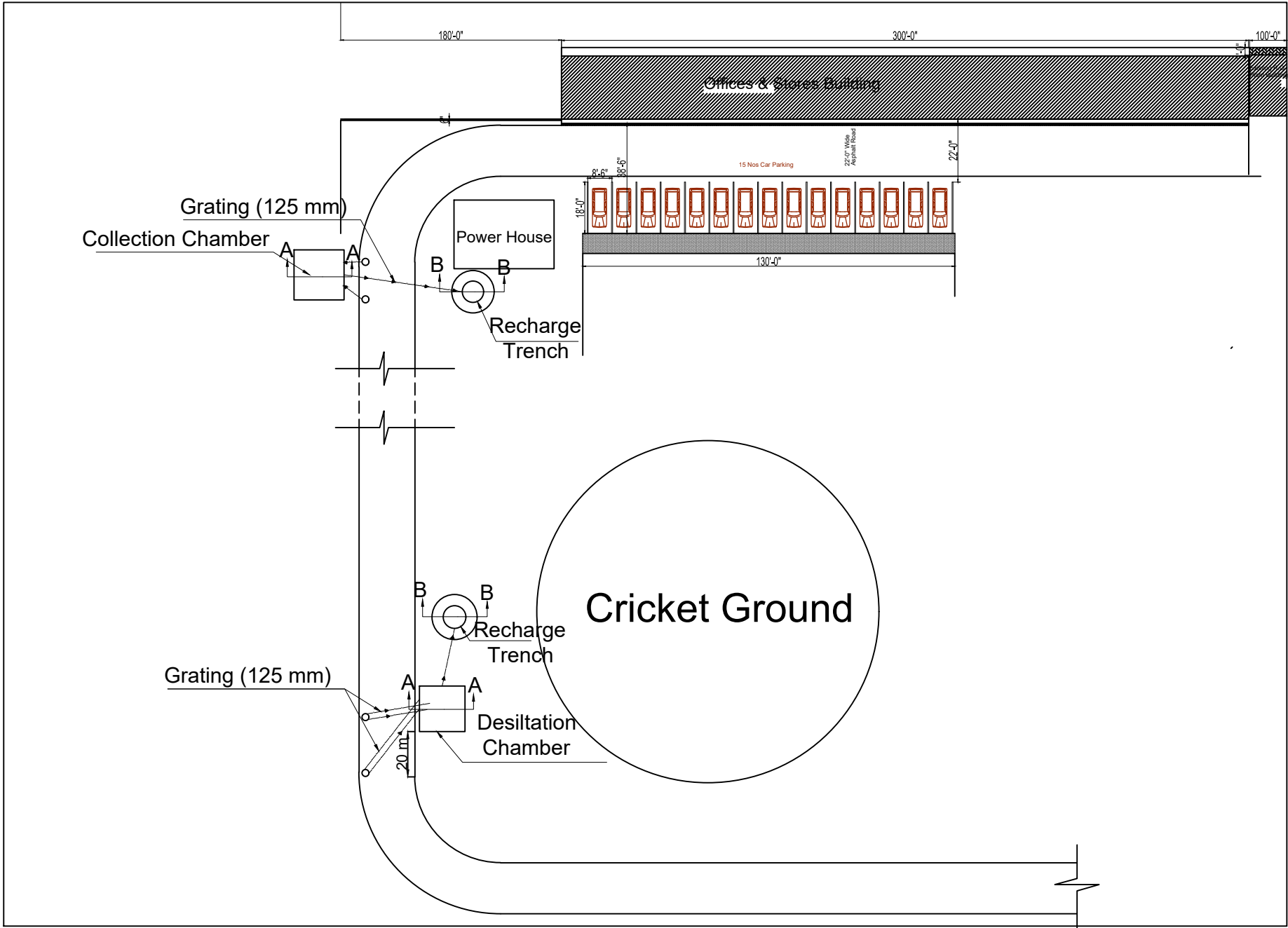


	FIRE DETECTION SYSTEM							
1	MANUAL CALL POINT			EDWARD NOTIFIER, GENT (HONEYWELL), KIDDI, NOTIFIER				
2	POWER CABLE, CONTROL CABLE			UNIVERSAL, NICCO, CCI				
3	SELECTOR SWITCH			SIEMENS, L&T				
4	SMOKE /HEAT DETECTOR			TYCO, KIDDE, APPOLLO, SYSTEM SENSOR				
5	MAIN & LOCAL CONTROL PANEL			EDWARD, NOTIFIER, HONEY WELL, TYCO				
6	TERMINAL BLOCK /CABLE END			ELMEC /M-SEAL, SIEMENS				
	VOICE, DATA& MATV SYSTEM							
1	VOICE CABLE CAT -6			SIGNATURE, CLIPSAL,3M				
2	PORT PATCH PANEL (LOADED WITH I/OS)			Corning / Vivanco				
3	Network Conduit			Pak Arab/Jeddah				
4	UTP Cat-6 patch cable			Corning / Vivanco				
5	K6 I/O Modular Jack			Corning / Vivanco				
6	Cable Manager Black Front 19" Plastic Body			Corning / Vivanco				
7	Single & Dual RJ-45 face plate double shutter outlets with Steal Back Boxes.			Corning / Vivanco				
	CABLE TRAY							
1	CABLE TRAY			EIZZY ENGINEERING				
2	FLOOR OUTLET & PULL BOXES			CLIPSLE, HUSSAIN & CO, ELECTROLINE OR EQUIVALENT				
	CONSTRUCTION OF STAFF TOWN MAIN GATE AT IBA STAFF TOWN							
	KARACHI UNIVERSITY ENCLAVE							
	LIST OF APPROVED MANUFACTURERS							
C	PLUMBING &FIRE SUPPRESSION							
S.NO	DESCRIPTUION			APPROVED MANUFACTURERS				
a	PLUMBING & WATER SUPPLY WORKS							
1	NON-PRESSURE UPVC PIPE			DADEX, PAK ARAB, AGM, JEDDAH OR EQUIVALENT				
2	PRESSURE UPVC PIPE			DADEX, PAK ARAB, AGM, JEDDAH OR EQUIVALENT				
3	GI PIPE CONDUIT			IIL, STEELEX, JAMAL OR EQUIVALENT				

4	PPRC PRESSURE PIPE			DADEX, MINHAS OR EQUIVALENT					
5	UPVC FITTINGS			DADEX, PAKARAB, AGM					
6	FITTINGS FOR GI PIPE			H.E CHINA, TG CHINA					
7	VALVES			KITZ, SRV, WICON, SCON, MOGHUL OR EQUIVALENT					
8	EARTHEN SANITARY WARE			PORTA CHINA, IFO, FORTE OR EQUIVALENT					
9	SANITARY FIXTURE			MASTER, SONEX, FAISAL OR AS APPROVED					
10	SINK			ATLAS, SUPER ASIA OR EQUIVALENT					
11	GAS GYSER			SUPER ASIA, ASIA, CANNON OR EQUIVALENT					
12	WATER DISPENSER			MECCO, HAIER OR EQUIVALENT					
13	FLOOR TRAP, ROOF DRAINS			DADEX, BETA OR EQUIVALENT					
14	PUMPS & VALVES			KSB, GRUND FOS, OR EQUIVALENT					
14	WATER FILTER			SO SAFE, AQUA SAFE OR EQUIVALENT					
15	FIRE HOSE CABINET			HUSSAIN HABIB OR EQUIVALENT					
16	FIRE EXTINGUISHER			HUSSAIN HABIB					
17	CI MANHOLE COVER & FRAME			CME, ALPINE					
18	FLOOR DRAIN & CLEAN OUT			CME, ALPINE					

# **Groundwater Recharging at IBA Main Campus**





# SITE PLAN

CLIENT:

**IBA** Institute of  
Business Administration  
Karachi  
Leadership and Ideas for Tomorrow

PROJECT:

Ground Water Recharging at IBA  
Main Campus

DRAWING TITLE:

**SITE PLAN**

DRAWING NO:

**IBA-GR-01**

BY:

PROJECT NO:

JOB # :

APPROVED BY:

NASEEM UL HAQ

DATE:

28-July-2025

DRAWING NO:

IBA-GR-01

SCALE:

N.T.S.

SCALE:

N.T.S.

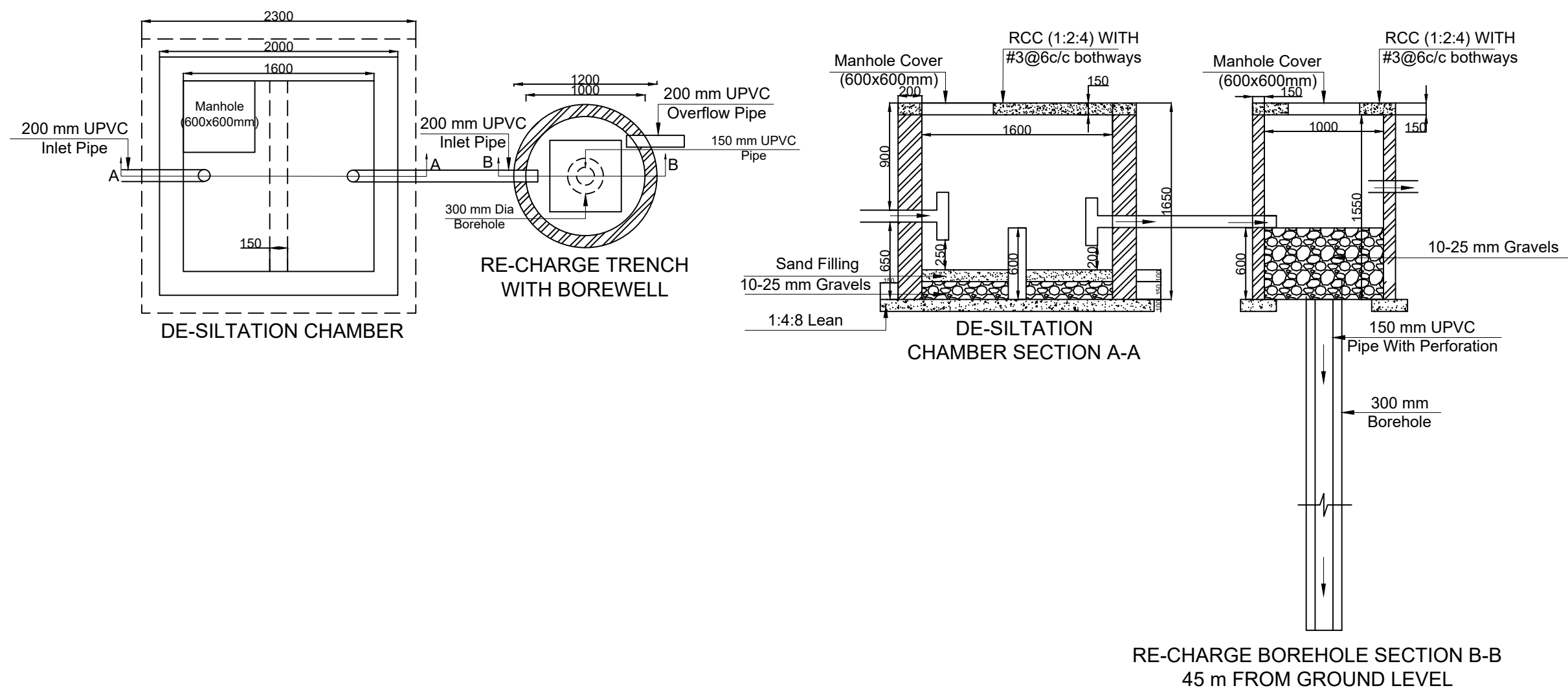
P.ARCHITECT:

CHECKED BY:

DRAWN BY:

SHARIQ AHMED

ARCHITECT :



# GROUNDWATER RECHARGING

CLIENT:  
**IBA** Institute of Business Administration  
 Karachi  
 Leadership and Ideas for Tomorrow

PROJECT:  
 Ground Water Recharging at IBA Main Campus

DRAWING TITLE:  
**GROUND RECHARGING PLAN & SECTION**

DRAWING NO:  
**IBA-GR-02**

BY:

PROJECT NO: JOB # :

APPROVED BY: NASEEM UL HAQ DATE: 28-July-2025

DRAWING NO: IBA-GR-02 SCALE: N.T.S.

SCALE: N.T.S.

P.ARCHITECT: CHECKED BY:

DRAWN BY: SHARIQ AHMED ARCHITECT :