

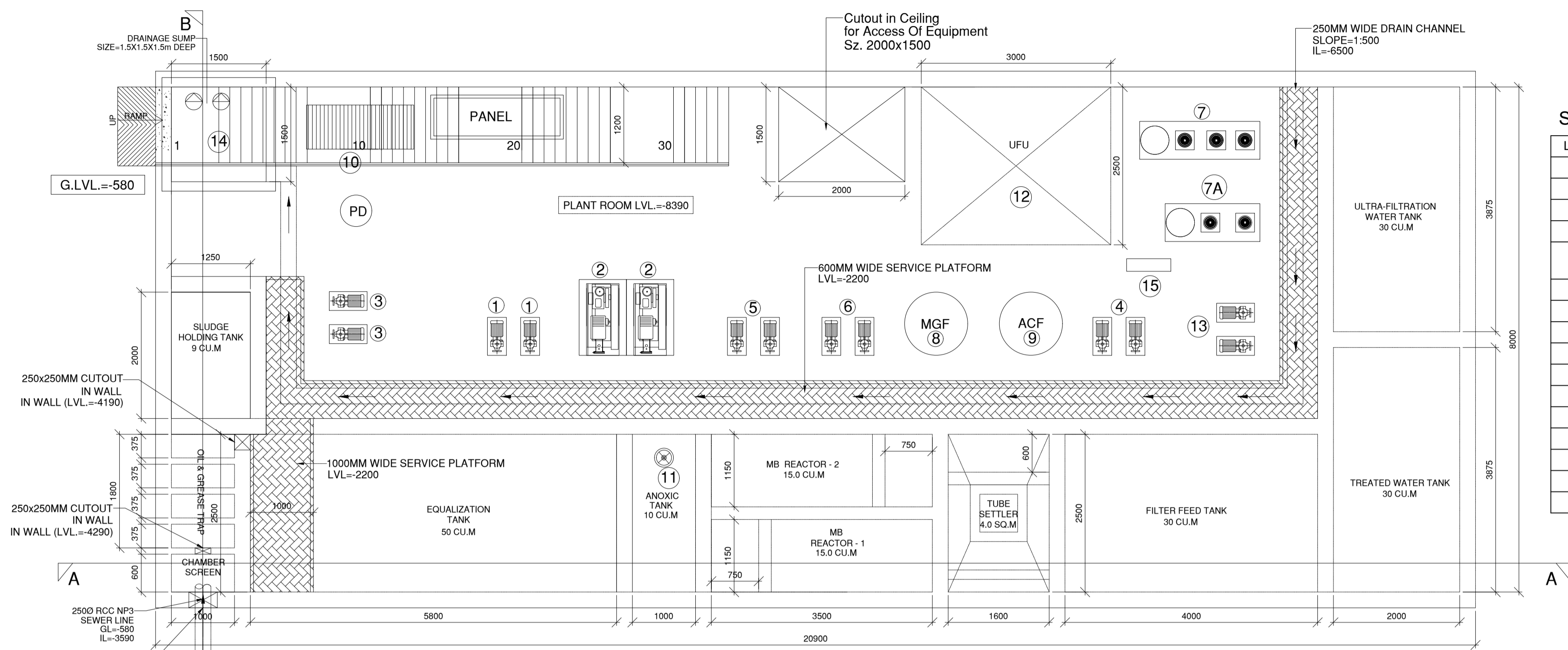
**NOTES:-**

1. ALL DIMENSIONS ARE IN MM.
2. DO NOT SCALE ANY DIMENSIONS.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND STRUCTURAL DRAWINGS.
4. STEEL REINFORCEMENT FOR R.C.C. WORKS SHALL BE HIGHSTRENGTH DEFORMED STEEL BARS /T.M.T. BARS OF GRADE Fe 500 D CONFORMING TO I.S. 1786-2008.
6. CONC. GRADE SHALL BE M30 EXCEPT SHOWN OTHER WISE.
7. FOR GENERAL DETAILS REFER DWG. NO. INST/S-1000  
INST/S-1001  
INST/S-1002  
INST/S-1003

revisions							
	R0	07-12-18	FOR APPROVAL				
	no.	date	description				
issue status	FOR APPROVAL						
owner	INSTITUTE OF NANO SCIENCE & TECHNOLOGY, MOHALI						
architects	<small>urban design interior planning architecture interior design engineering project management</small> <b>Sikkr Associates Architects</b> <small>A-2/1, Africa Avenue, Safdarjung Enclave, New Delhi-110029. Tel: (011) 4323232, Fax: (011) 2617448   Web: www.saaonline.net, Email: saainfo@saaonline.net</small>						
consultant-1	<b>STRUCTURAL CONSULTANTS</b> <b>VINTECH</b> <b>CONSULTANTS</b> CONSULTING ENGINEERS & PROJECT MANAGERS <small>C-35, PAMPOSH ENCLAVE GREATER KALANJE - I NEW DELHI - 110048 TEL: 4314151/8/26269798 FAX: 26269797 e-mail: vintech@vintechconsultants.com</small> <b>Mehro Consultants</b> <small>A-1/29, Safdarjung Enclave, New Delhi-110029 Tel: 2619232/ 26172156 Email: scmebrotra@mehroconsultants.com</small>						
consultant-2	<small>Electrical Engineering Consultants</small> email: escon06@gmail.com	<small>Plumbing and fire Techno Engineering Consultants</small> email: sb_tech@yahoo.co.in	<small>Airconditioning</small> Abid Husain Consultants email: ahcon@ahcon.in				
dwg title	STP FOUNDATION PLAN AND ROOF LVL.						
dwg type	STP FOUNDATION PLAN AND ROOF LVL.						
dwg. no	INST/LAB/STP/S-352	scale	N.T.S.				
		date	07.12.2018				
		dealt	GAURAV				

NOTES:

- 1 ALL DIMENSION ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
- 2 NO DIMENSION IS TO BE SCALED OFF THE DRAWING
- 3 DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS & SPECIFICATIONS.



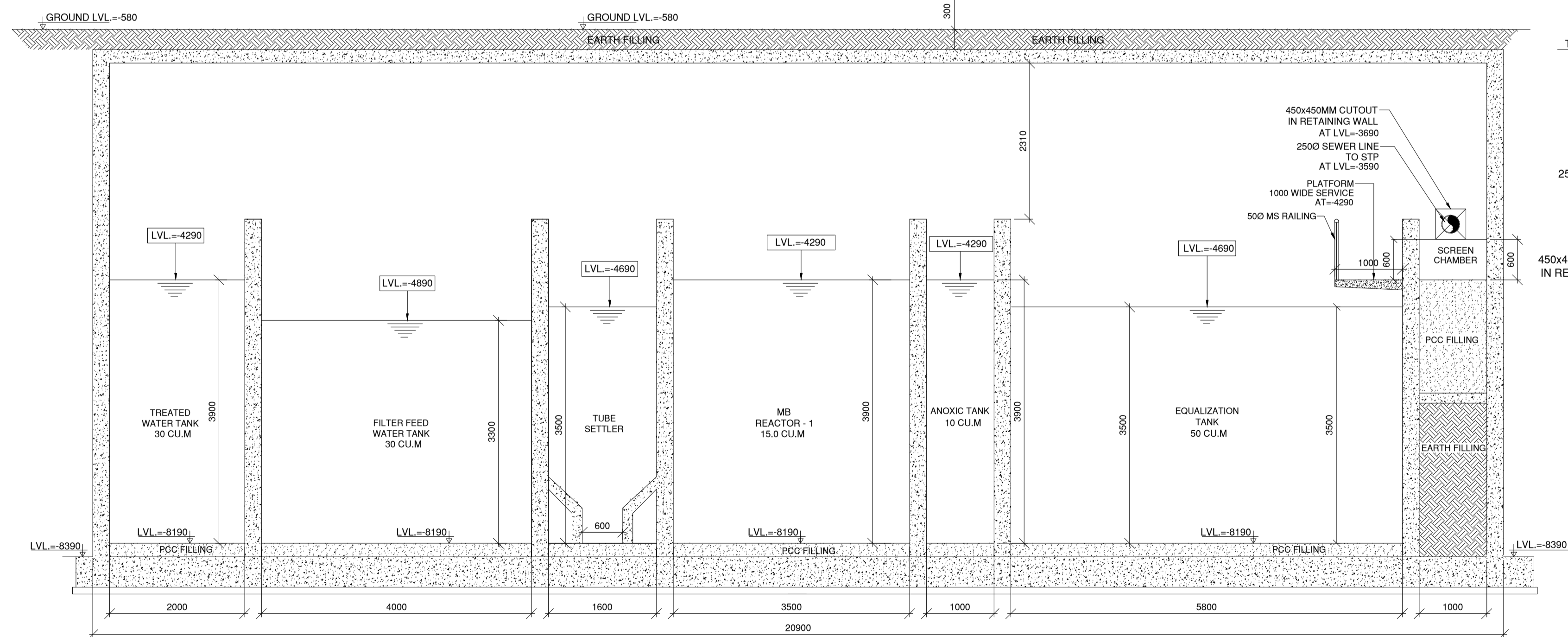
NOTE :  
VENTILATION OF STP WILL BE AS/HVAC CONSULTANTS.

PLAN OF STP

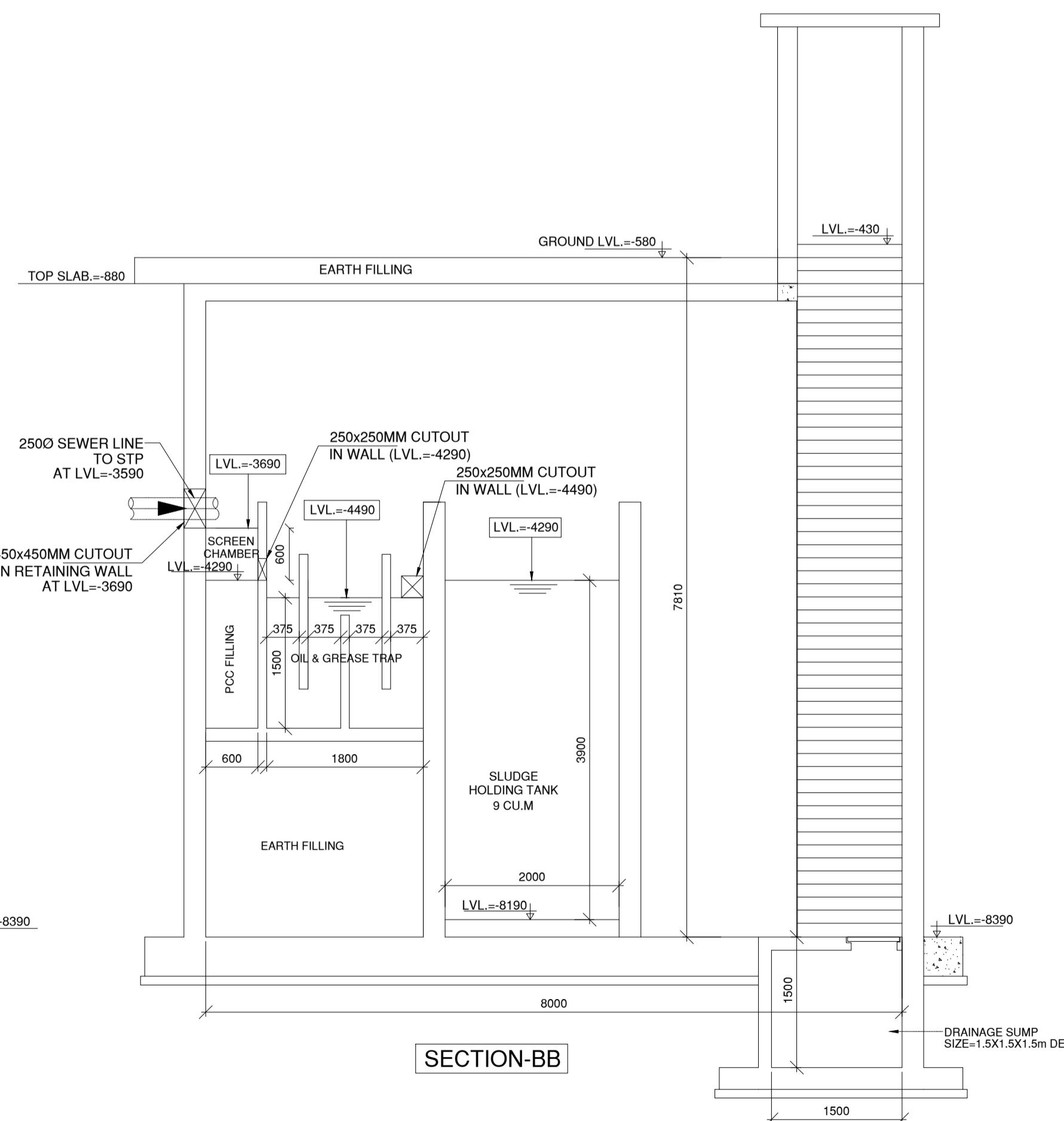
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SCHEDULE OF PUMPS & EQUIPMENTS

LEGEND	DESCRIPTION	CAPACITY	HEAD	QTY.
1	SEWAGE PUMPS	5.0M3/HR	12M	2 (1W+1S)
2	AIR BLOWERS	130M3/HR	----	2 (1W+1S)
3	CENTRIFUGE FEED SCREW PUMPS	1.0M3/HR	40M	2 (1W+1S)
4	FILTER FEED PUMPS	12.0M3/HR	30M	2 (1W+1S)
5	SLUDGE TRANSFER PUMPS (FOR RE-CIRCULATION OF SLUDGE FROM FAB TANK-2 TO ANOXIC TANK)	20.0M3/HR	10M	2 (1W+1S)
6	SLUDGE TRANSFER PUMPS (FOR SLUDGE TRANSFER)	5.0M3/HR	12M	2 (1W+1S)
7	HYDRO PNEUMATIC SYSTEM FOR FLUSHING WATER SUPPLY	15.0M3/HR	65M	3 (2W+1S)
7A	HYDRO PNEUMATIC SYSTEM FOR IRRIGATION WATER SUPPLY	27.0M3/HR	45M	2 (1W+1S)
8	DUAL MEDIA FILTER	12.0M3/HR	----	1 (1W)
9	ACTIVATED CARBON FILTER	12.0M3/HR	----	1 (1W)
10	FILTER PRESS (18"x18") 18 NOS. PLATES	----	----	1 (1W)
11	SUBMERSIBLE MIXER	----	----	1 (1W)
12	ULTRA FILTRATION PLANT	8.0M3/HR	----	1 (1W)
13	ULTRA FILTRATION FEED PUMPS	8.0M3/HR	25-30M	2 (1W+1S)
14	SUBMERSIBLE DRAINAGE PUMPS	18.0M3/HR	15M	2 (1W+1S)
15	UV PLANT	12.0M3/HR	--	1 (1W)



SECTION-AA



SECTION-BB

no.	date	description
R3		
R2		
R1		

TENDER DRAWING

INSTITUTE OF NANO SCIENCE & TECHNOLOGY, MOHALI

**SAA**  
sikka associates architects  
urban design  
masterplanning  
architecture  
interior design  
engineering  
project management

STRUCTURAL CONSULTANT

**VINTECH**  
CONSULTANTS  
CONSULTING ENGINEERS & PROJECT MANAGERS  
C-35, PAMPOSH ENCLAVE  
GREATER KALASHI - I NEW DELHI - 110048  
TEL: 43141415, 43629788 FAX: 46280797  
e-mail: vintech@vintechconsultants.com

Mehro Consultants

A-1/36, Safdarjung Enclave, New Delhi-110029  
Tel: 26169333/ 26172156 Fax: 46023052  
Email: shubham\_mehro@rediffmail.com

SERVICES CONSULTANTS

Electrical <b>Engineering Services Consultants</b> email:tescon86@gmail.com	Airconditioning <b>Abid Husain Consultants</b> email:ahcon@ahcon.in
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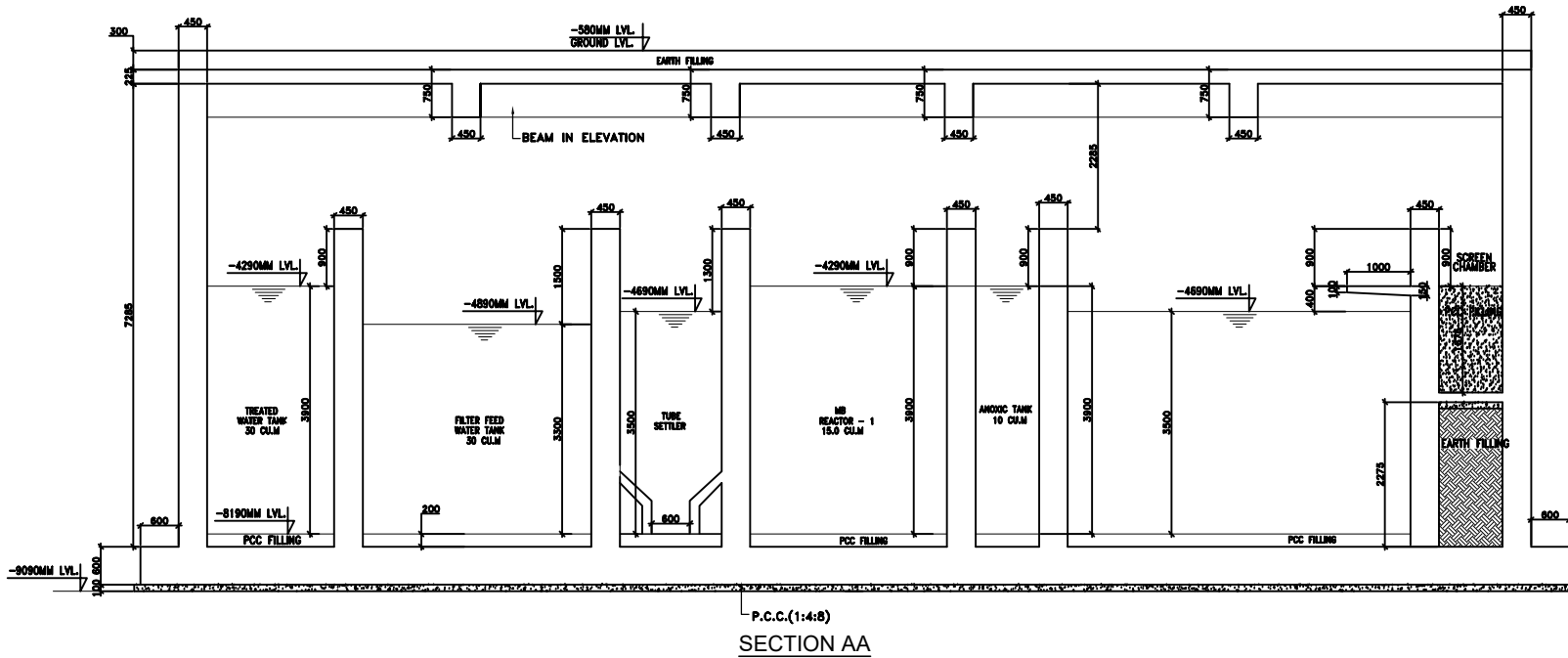
PLUMBING & FIRE  
**TECHNO ENGINEERING CONSULTANTS**  
30-D, pocket-A, sidhartha extension,  
New delhi-110014  
TEL: 011-26344668, FAX: 011-26344668  
E-MAIL: tec@bol.net.in, ssb\_tec@yahoo.co.in

LAYOUT PLAN OF SEWAGE TREATMENT PLANT  
CAPACITY=100KLD

SEWAGE TREATMENT PLANT  
CAP.=100 KLD  
LAYOUT PLAN & SECTIONS


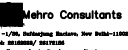



INST/MP/PL-STP-01

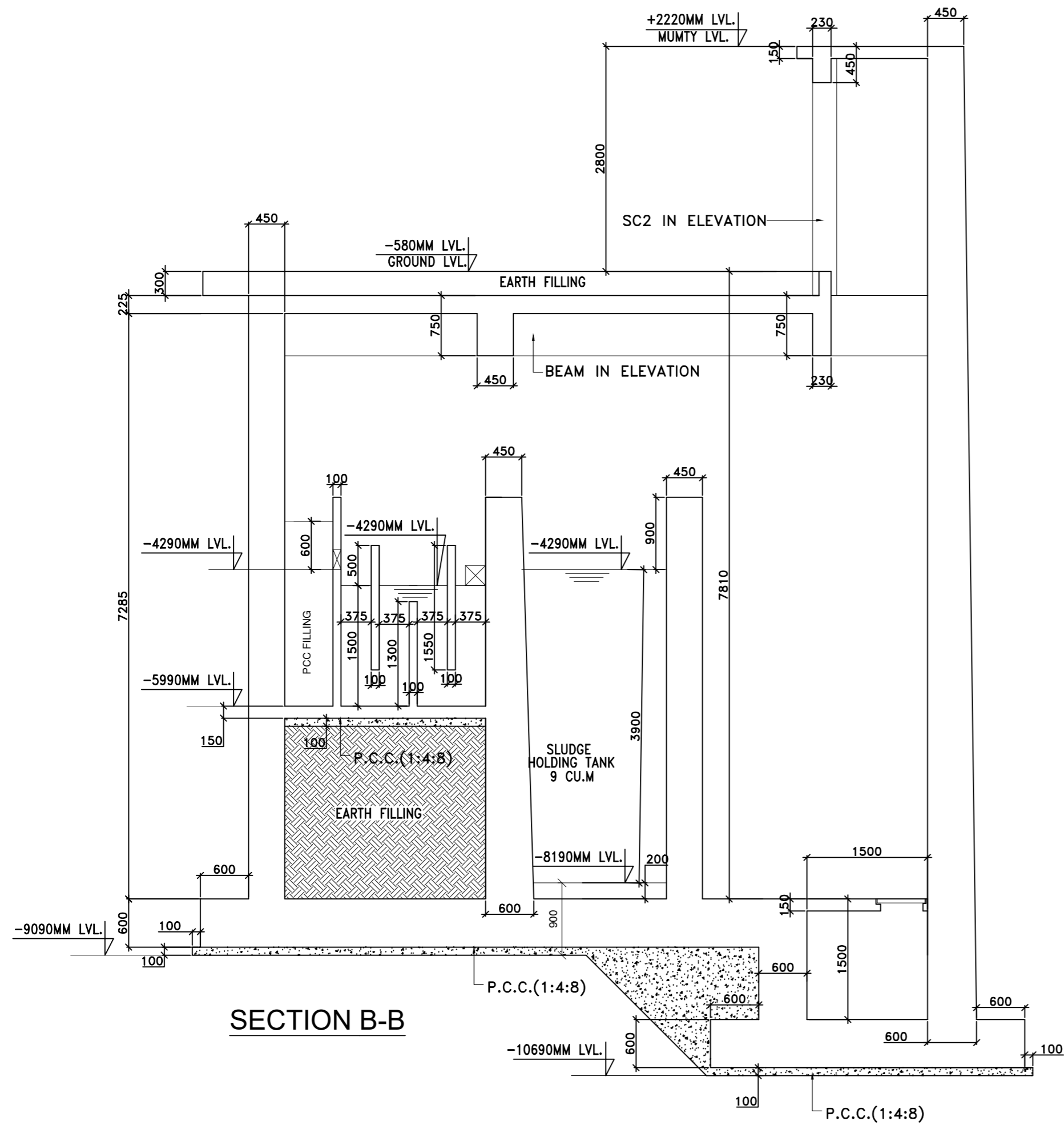
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DATE ISSUED	29.10.2018	
DRAWN BY	MAHAVEER	
CHECKED BY	SS BHATIA	



P.C.C.(1:4:8)  
SECTION AA

- NOTES:-
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INST/S-1003

revisions			
RD	07-12-18	FOR APPROVAL	
no.	date	description	
STATUS	FOR APPROVAL		
owner	INSTITUTE OF NANO SCIENCE & TECHNOLOGY, MOHALI		
CONSULTANT	 <b>VINECH CONSULTANTS</b> CONSULTING ENGINEERS & PROJECT MANAGERS C-88, PAMPPOS ENCLAVE GURU NANAK DEVI NAGAR - 141004 TEL: 9914141400/9914141001 E-MAIL: info@vinech.com		
CONSULTANT-1	 <b>Mehro Consultants</b> A-17/2B, Industrial Estate, New Delhi-110029 TEL: 011-26109111/26109112 Email: info@mehroconsultants.com		
CONSULTANT-2	Elected Engineering Consultants 	Consulting Engineering Consultants 	Accredited Abid Husain Consultants 
CHG FILE	STP SECTION		
CHG TYPE			
DWG. NO.	INST/LAB-STPS-353	scale	N.T.S.
		date	07.12.2018
		dealt	GAURAV



SECTION B-B

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    - INST/S-1000
    - INST/S-1001
    - INST/S-1002
    - INST/S-1003

revisions	no.	date	description
RO	07-12-18		FOR APPROVAL

issue status: FOR APPROVAL

owner: INSTITUTE OF NANO SCIENCE & TECHNOLOGY, MOHALI

architects: **SMA** sika associates architects  
 urban design, master planning, architecture, interior design, engineering, project management  
 A-2/1, Africa Avenue, Safdarjung Enclave, New Delhi-110029, Tel: 011-45232323, Fax: 011-26194481, Web: www.sasrda.net, Email: sma@sasrda.net

STRUCTURAL CONSULTANTS  
**VINTECH**  
 CONSULTANTS CONSULTING ENGINEERS & PROJECT MANAGERS  
 C-35, PAMPOSHI ENCLAVE GREATER KAILASH - I NEW DELHI - 110049  
 TEL: 6341516, 26069768 FAX: 26069767  
 e-mail: vintech@vintechconsultants.com  
**Mehro Consultants**  
 A-1/36, Safdarjung Enclave, New Delhi-110029  
 Tel: 26162833/ 26172156  
 Email: scmehrotra@mehroconsultants.com

consultant-2	services	consultants
Electrical Engineering Services	Plumbing and fire Techno Engineering Consultants	Airconditioning Abid Husain Consultants
email:escon09@gmail.com	email:ab_tec@yahoo.co.in	email:ahcon@hcon.in

dwg title: STP SECTION

dwg. no	INST/LAB/STP/S-354	scale	N.T.S.
		date	07.12.2018
		dealt	GAURAV