



South Asian University

(A University established by SAARC Nations)
Rajpur Road, Maidan Garhi, New Delhi - 110068 India
Tel. : 91-11-20862652, 91-11-20862806
Website : www.sau.int

F. No. SAU/9A-168/2025/681

02nd December 2025

CORRIGENDUM

Name of Work: Request for Proposal (RFP) For Providing additional arrangement of sewage treatment for 02 No's Phytorid bed based Sewage Treatment Plants (STPs) at South Asian University (SAU) Campus, Maidangarhi, Delhi-110068.

Subject: Extension of Last Date for Submission

NIT No.: 58/RFP/SAU/2025

This is to inform all concerned that the last date for submission of the above mentioned work has been extended.

The revised deadline for submission is now **18TH December 2025 (3.00 PM).**

All other terms and conditions remain unchanged.

Superintending Engineer

South Asian University





Request for Proposal (RFP)

For

Providing additional arrangement of sewage treatment for 02 Nos Phytorid bed based Sewage Treatment Plants (STPs) at South Asian University (SAU) Campus, Maidangarhi, Delhi-110068.



SOUTH ASIAN UNIVERSITY
Rajpur Road, Maidangarhi, Delhi-68

(RFP No. : 58/RFP/SAU/2025)

October 2025

Date of Uploading – 31st October 2025



INDEX

Sr. No	Description	Page No.
1.	RFP Notification	3
2.	Important Information for Bidder	4
3.	Information to Bidders for submission of RFP	5
4.	Drawings for existing STPS	
4.1	Annexure-I	6-10
4.2	Annexure-II	11
4.3	Annexure-III	12
4.4	Annexure-IV	13



Request for Proposal (RFP)


for

Request for Proposal (RFP) For Providing additional arrangement of sewage treatment for 02 No's Phytorid bed based Sewage Treatment Plants (STPs) at South Asian University (SAU) Campus, Maidangarhi, Delhi-110068.

South Asian University, (SAU), invites sealed proposals on behalf of the **President, SAU**, from the eligible agencies dealing with Construction and operating of Sewer Treatment Plants, for the above cited work, so as to reach his office on or before 21.11.2025 up to 3.00 P.M. For more details, please refer attached terms and conditions along with schedule of items. Copy of this Request for Proposal (RFP) can also be downloaded from SAU website; www.sau.int.

Encl: a) RFP Document (5 pages) and Annexures I to VI




31.10.25
Superintending Engineer
South Asian University

Important information for Bidder

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Pre-Bid Meeting	14.11.2025 (15:00 hrs)
Last Date of Submission of Proposals	21.11.2025 (15:00 hrs)
Time and Date of Opening of Proposals	21.11.2025 (15:30 hrs)

Location of the S T P	Near Housing Block A and Academic Block 3 (Earth Science)
Capacity of STPs	260 KLD and 380 KLD

Interested parties may view and download the RFP document containing the detailed terms & conditions from the website www.sau.int/TENDERS.

The proposals must be submitted offline in sealed envelope in the Office of the Superintending Engineer, 1st Floor, Administration Building, South Asian University Campus, at Rajpur Road, Maidangarhi, New Delhi-110068.



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As of now, The University has constructed 5 Buildings under package -II and 7 Buildings under package-III respectively, wherein disposal of sewage was planned as per NEERI approved Phytorid bed based technology. Accordingly two plants have been constructed of capacity 260 KLD and 380 KLD along with filtration system. Treated water is being used for flushing, irrigation and HVAC system.

The copy of layout and drawings of STP are attached herewith for reference. However, the quality of treated discharge is not upto the mark as it has odor and colour. Hence the system needs improvement with upgraded technology.

1. **ELIGIBILITY CRITERIA** for submission of RFP: the agency those are working in the field of sewage treatment plants are requested to submit their proposals in sealed envelopes containing the technical proposal and financial implication. The eligibility is as under;
- a) The agency should have experience of designing / construction and operating sewage treatment plants for not less than 10 years.
- b) At least one work of more than 140KLD, STP should have completed in any Government/Semi Government/Autonomous Body/ any reputed private organization etc.
- c) Good Financial Health of an individual/firm/company as the case may be in terms of working capital turnover.
- d) The agency should submit the proof of experience issued by employer / department.
- e) The agency must have Pan number and GST number etc.
- f) The agency must submit the performance certificate of STP constructed by them.

The bid/ RFP to be submitted in the office of Superintending Engineer, 1st Floor, Administration building, SAU on or before xx.xx.2025.

The proposals will be examined by an expert group viz a viz financial implications. Based on the efficacy and feasibility, a tender will be floated for the detail technical design and execution of work at site. The interested agencies may visit the site on any working days between 10.00Am to 5.00PM to see the STPs at Ground and Drawings in the Office of the Superintending Engineer, SAU, 1st Floor, Administration Building, South Asian University Campus at Maidangarhi, Delhi-68.

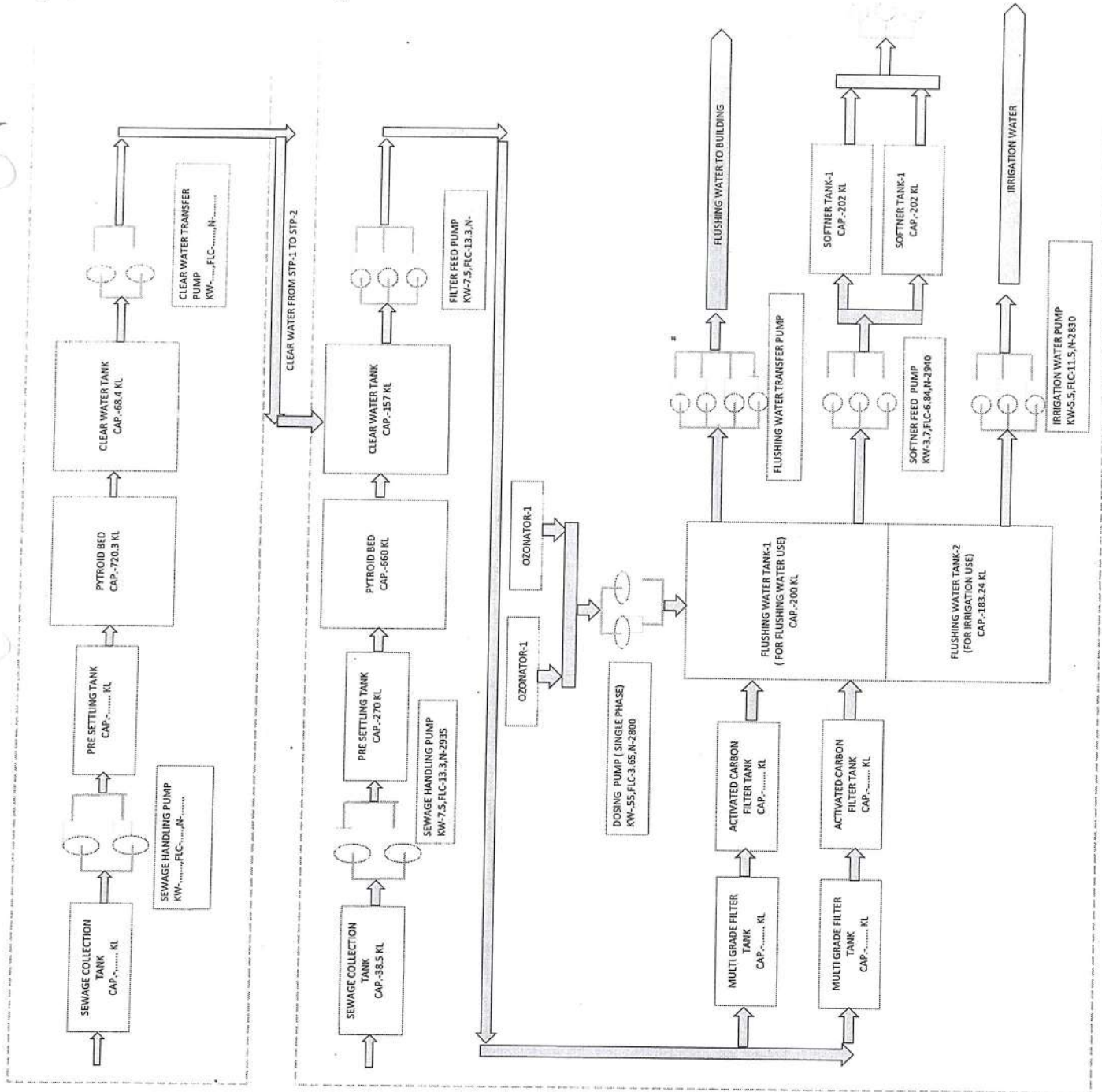
A formal meeting with all agencies will be held on 14.11.2025 at 3.00PM in the conference hall at ground Floor of Administrative building of SAU.

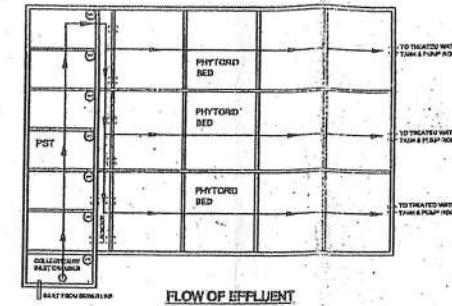
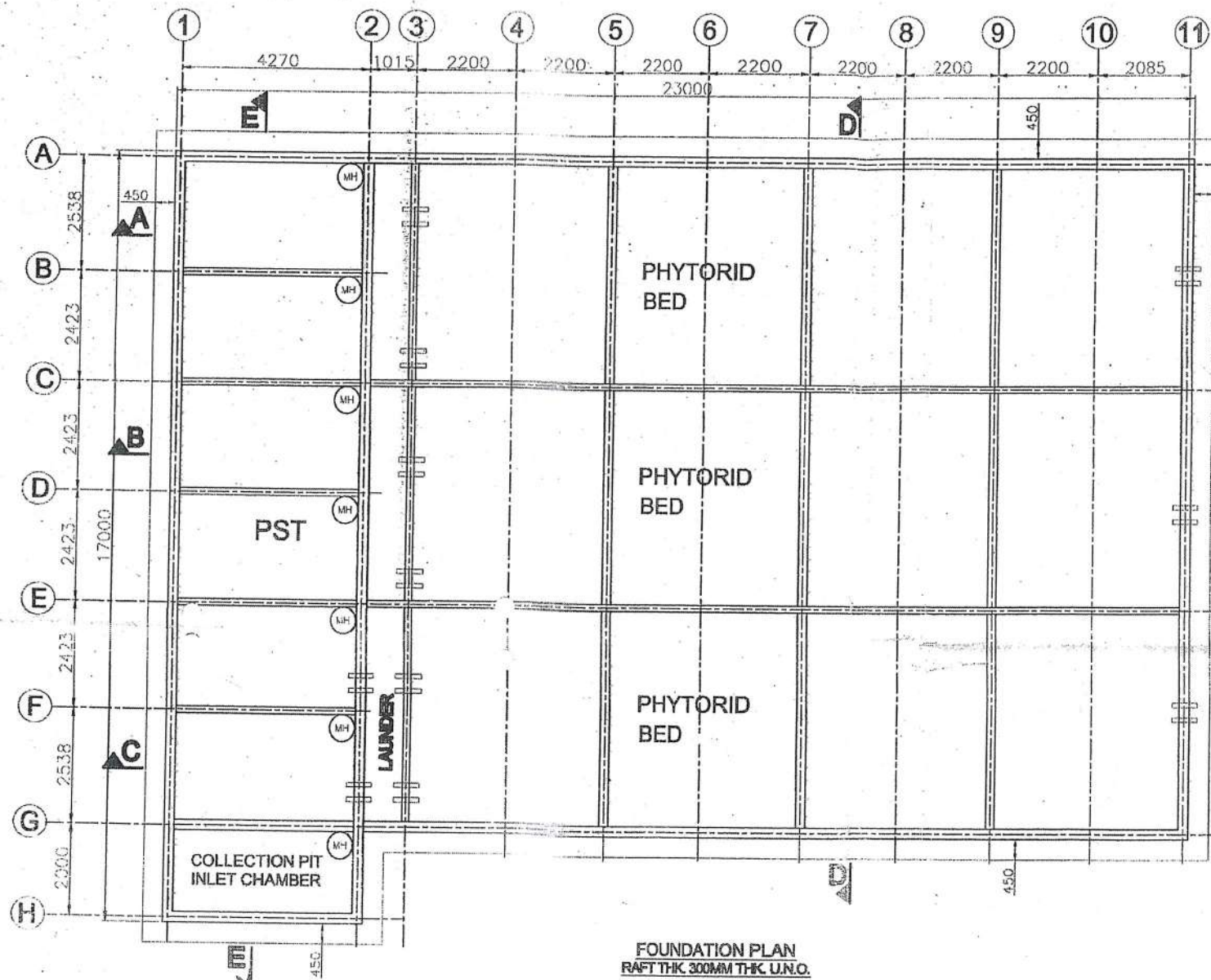
For more details kindly contact Mr. Baljit Singh JE(C) at Mobile no. 8879166459 email; baljitsingh@sau.int and also keep a regular watch on SAU website ; www.sau.int.



STP-1 (360 KLD) near 1st

STP-2 (280 KLD) near 1st





TO TREATED WATER
TANK & PUMP ROOM

1. All structures to be avoided
with overlap on existing trees and
5 m green belt as per site conditions

TO TREATED WATER
TANK & PUMP ROOM

TO TREATED WATER
TANK & PUMP ROOM

APPROVED
This review is only for general conformance with the design concept and the information given in the construction drawings/documents. Corrections or comments made on the shop drawings during the review do not relieve the contractor from compliance with the requirements of the plans and specifications and applicable laws, codes and regulations. Review of a specific item shall not include review of an assembly of which the item is a component. Review of such assemblies is not for the purpose of approving the adequacy and completeness of other components or equipment or systems, which are the contractor's responsibility. The Architect's review shall not constitute approval of safety precautions or any construction means, methods, techniques, sequences or procedures. Contractor shall coordinate the work with that of other trades and perform all work to a safe and sound standard.

06/10/2018 *[Signature]* ARCHITECT/ARCHITECTS

NOTES:

- ALL DIMENSIONS ARE IN MM
- DO NOT SCALE ANY DIMENSIONS
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND STRUCTURAL DRAWINGS
- GRADE OF CONCRETE SHALL BE M30 U.N.O.
- THE REINFORCEMENT SHALL BE T.M.T. BARS OR GALVANIZED DEFORMED BARS 600 HAVING YIELD STRENGTH NOT LESS THAN 600 N/MM² AND CONFORMING TO IS 1786-2008 AND HAVING MINIMUM ELONGATION OF 14.0%
- CLEAR COVER SHALL BE AS FOLLOWS:-
- RETAINING WALL 30 MM SLAB 20 MM
- RAFT COVER 60 MM
- DEVELOPMENT LENGTH (LD) SHALL BE EQUAL TO 250 DIA OF BAR
- LAP LENGTH SHALL BE EQUAL TO DEVELOPMENT LENGTH (LD) OF GREATER DIA BAR OVERLAPPED

Approved

[Signature]
SCIENTIST
National Environmental
Engineering Research Institute (NEERI)
Mumbai Zonal Center,
89/B, Dr. A. B. Road,
Mumbai - 400 018.

NO.	DATE	REVISION
1	06/10/2018	CP
2		V.V.B.K. KUMAR PANGU
3		V.V.P.

PROJECT:
280 KLD PHYTORID STP
SOUTH ASIA UNIVERSITY

DESIGNER:
PETRICHOR EMERGING
TECHNOLOGIES INDIA PVT. LTD.

CONSULTANT:
SUSHUMMA
CONSULTANCY SERVICES LLP
PLOT NO. 28 FOURTH FLOOR, SHYAM NAGAR
NEAR GOVINDPURU METRO STATION
NEW DELHI (110029)
Ph No: 08800392503, 08100410700
Email: sushumma.consultancy@gmail.com
Web: www.sushummaconsultancy.com

FOUNDATION PLAN & DETAIL
PHYTORID BASED STP

A.T.S.

06/10/2018

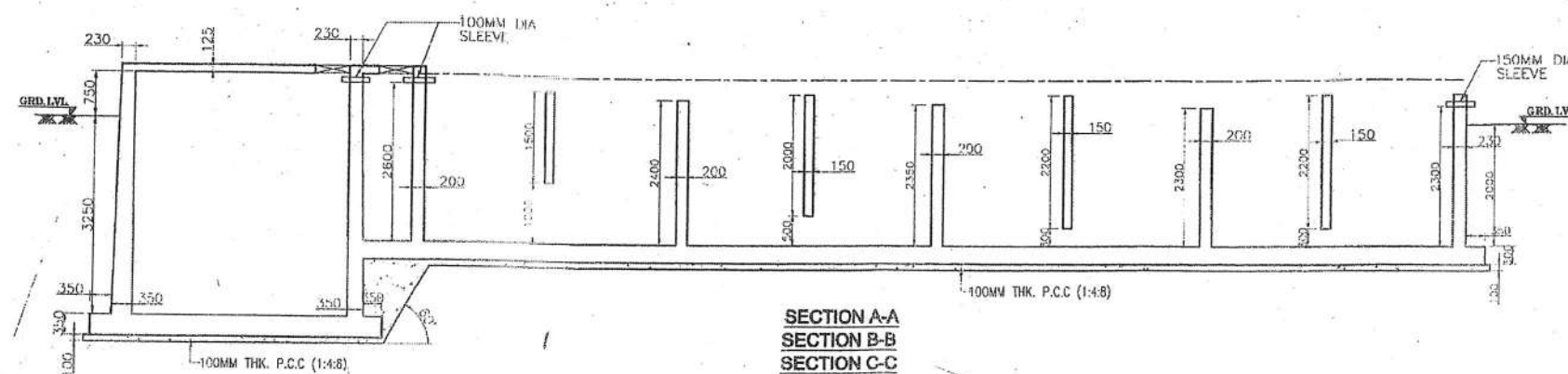
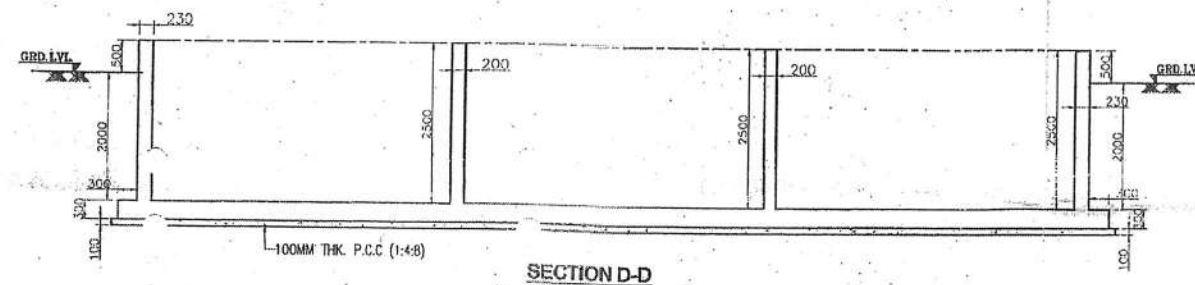
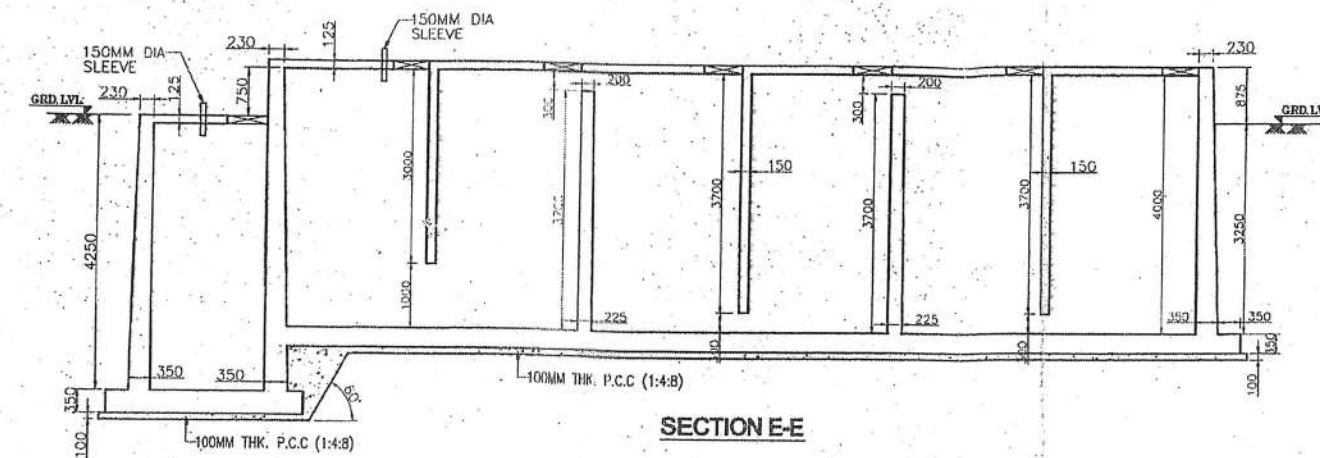
☒ APPROVE ☐ REVISE AND RESUBMIT

☒ APPROVED WITH COMMENTS ☐ REJECTED

This review is only for general conformance with the design concept and the information given in the manufacturer's instructions. Corrections or comments made on the sheet drawn out during the review do not relieve the Contractor from complying with the requirements of the plans and specifications and applicable laws, codes and regulations. Review of a specific item shall not include review of an assembly of which the item is a component. Review of such submittals is not for the purpose of approving the quantity and completeness of other submittals such as drawings and specifications, or the performance of equipment or systems, which are the contractor's responsibility. The architect's review shall not constitute approval of safety precautions or any construction means, methods, techniques, sequences or procedures. Contractor shall coordinate the work with that of other trades and personnel all work to a safe and satisfactory condition.

6/6/2018 [Signature]

DATE REAPPROVED: _____



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- * THE REINFORCEMENT SHALL BE T.M.T. BARS OR COLDWATER DEFORMED BARS F_y 600 HAVING YIELD STRENGTH NOT LESS THAN 600N/MM²
- * THE REINFORCEMENT SHALL BE 12MM DIA AND HAVING MINIMUM ELONGATION OF 25%.
- * CLEAR COVER SHALL BE AS FOLLOWS:-
 - RETAINING WALL 30 MM
 - SLAB 20 MM
 - RAFT COVER 50 MM
- * DEVELOPMENT LENGTH (LD) SHALL BE EQUAL TO 50DIA OF BAR
- * LAP LENGTH SHALL BE EQUAL TO DEVELOPMENT LENGTH (LD) OF GREATER BAR OVERLAPPED

Approved
A. L. Bameg
SCIENTIST
National Environmental
Engineering Research Institute (NEERI)
Mumbai Zonal Center,
89/3, Dr. A. B. Road,
Mumbai - 400 018.

NO.	DATE	REVISION
DRAWN BY		CP
DON BY		VIVEK KUMAR PASKALJ
CHECK BY		V.K.P.

CLIENT:-
SHAPCORJI PALLONGI & CO. PVT. LTD.

PROJECT:
280 KLD PHYTORID STP
SOUTH ASIA UNIVERSITY

DESIGN:
**PETRICHOR EMERGING
TECHNOLOGIES INDIA PVT. LTD.**

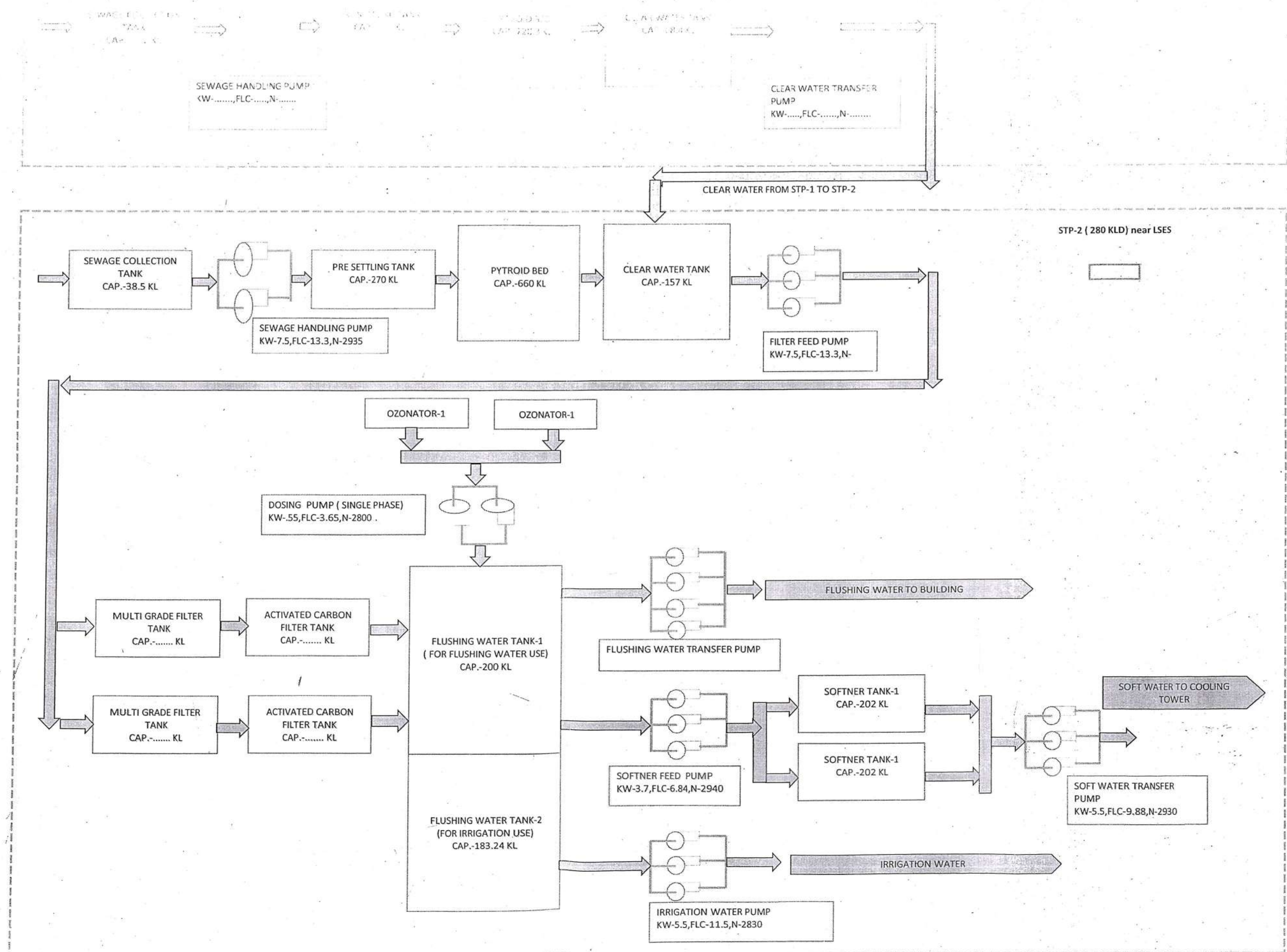
STRUCTURES- SUSHUMNA
CONSULTANCY SERVICES LLP
PLOT NO.36 FOURTH FLOOR SHYAM NAGAR
NEAR GOVINDPUR METRO STATION
NEW DELHI (110020)
Ph. No.: 011-26332633, 00133619768
Email: sushumna.consultancy@gmail.com
Web: www.sushumnaconsultancy.com

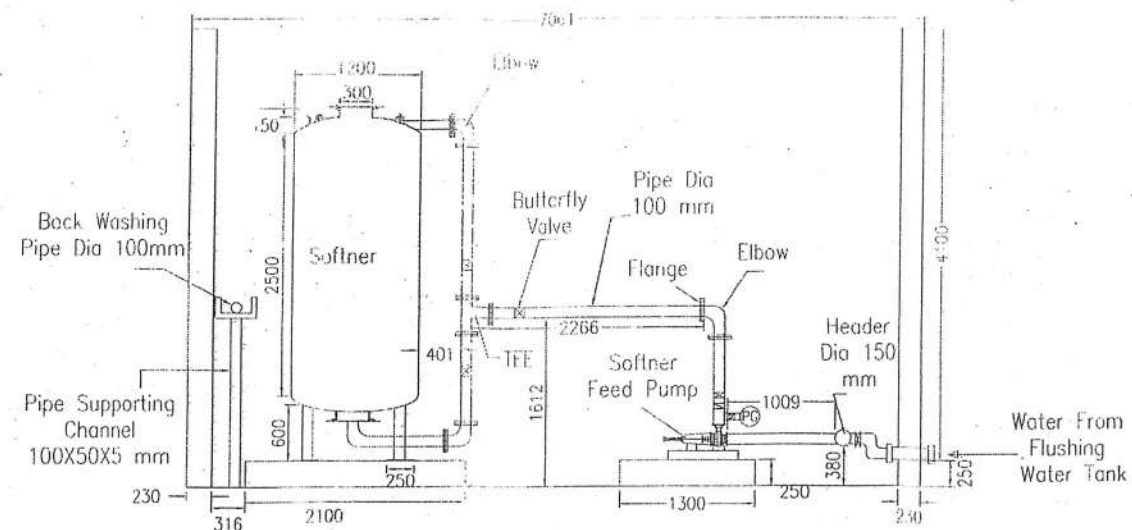
FILE- SECTION DETAIL
NEW YORK BASED SITE

SCALE: M.T.S.

DATE: 27.08.2014

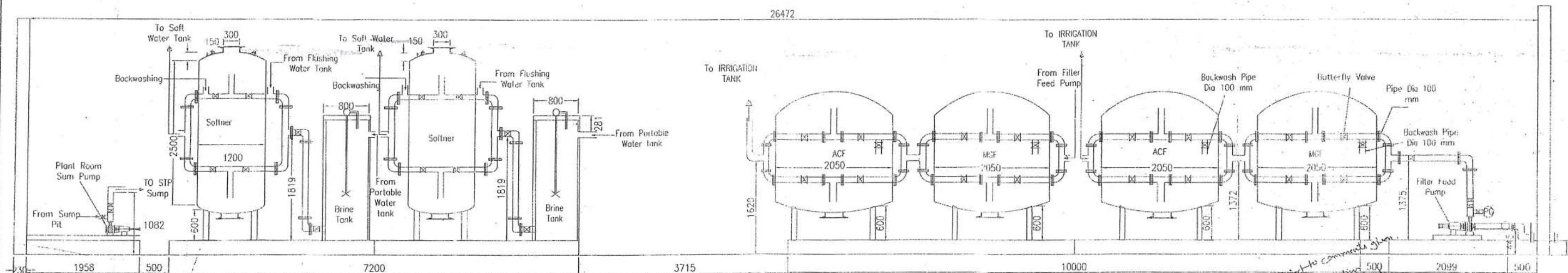
CHAMBERS, J.	1944
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Section: P-P

26472



Section: Q-Q

Key plan is not attached.

Legends for valves are missing.

Approved subject to comments from P. S. Singh as per calculation to be provided as per equipment detail as per manufacturer.



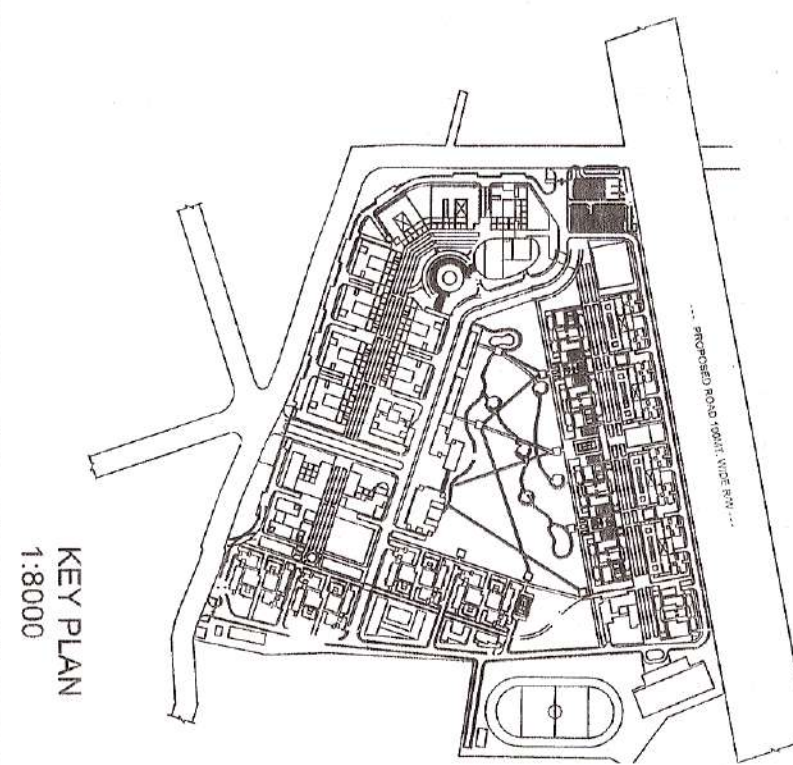
Released For Construction

Contractor	Client	PROJECT	Detail	Drawing By	Pooja Singh
S.S. Engineering Corporation D-123, Sector 7, Noida (U.P.) TEL -- 0120-4277128, 4277129 ssengg_c@yahoo.co.in	SHAPOORJI PALLONJI & COMPANY PRIVATE LIMITED	SOUTH ASIAN UNIVERSITY PACKAGE-III	Pump Room Section Drawing of STP	Checked By	A.K.S.
				Scale	NTS
				Date	10.8.2019



SEWAGE TREATMENT PLANT PUMPS PIPE SIZE					
S.No.	Description	Capacity (m³/hr)	Head (m)	Pipe Size (mm)	Notes
1	Filter Feed Pump	150	100	80	150
2	Softener Feed Pump	100	80	80	100
3	Water	100	80	80	100
4	Intake Water	100	80	80	100
5	Pressure	200	125	125	200
6	Drainage Pump		50	80	

TAG	DESCRIPTION	INVERT LEVEL (BS)	SERVE SIZE
①	HYDROPHOBIC BED OVERFLOW CLEAR WATER TANK	-500	1500
②	INLET FROM 800 K.D. STP	-500	2000
③	SUCTON FOR CLEAR WATER TANK	-4100	2000
④	DRAIN FOR CLEAR WATER TANK	-4250	1500
⑤	OVERFLOW FOR FLUSHING WATER TANK TO DRAIN	-4250	2000
⑥	INLET FOR FLUSHING WATER TANK	-500	1500
⑦	SUCTON FOR FLUSHING WATER TANK	-4100	1500
⑧	TOP LEVEL INDICATOR FOR FLUSHING WATER TANK	-500	500
⑨	BOTTOM LEVEL INDICATOR FOR FLUSHING WATER TANK	-4225	500
⑩	LEVEL CONTROLLER FOR FLUSHING WATER TANK	-4225	500
⑪	OVERFLOW FOR SOFT WATER TANK	-500	1500
⑫	SUCTON FOR SOFT WATER TANK	-4100	1500
⑬	LEVEL INDICATOR UP FOR SOFT WATER TANK	-400	500
⑭	LEVEL INDICATOR DOWN FOR SOFT WATER TANK	-500	500
⑮	LEVEL CONTROLLER FOR SOFT WATER TANK	-500	2000
⑯	TANK TO TANK OVERFLOW FOR SOFT WATER TANK	-500	2000
⑰	VENT PIPE	TOP OF TANK	2000
⑱	DRAIN FOR IRRIGATION WATER TANK	-4000	2000
⑲	OVERFLOW FOR IRRIGATION WATER TANK TO DRAIN	-500	1500
⑳	SUCTON FOR IRRIGATION WATER TANK	-4100	1500
㉑	TOP LEVEL INDICATOR FOR IRRIGATION WATER TANK	-400	500
㉒	BOTTOM LEVEL INDICATOR FOR IRRIGATION WATER TANK	-4225	500
㉓	LEVEL CONTROLLER FOR IRRIGATION WATER TANK	-4225	500



- NOTES & INFORMATION**
- ALL DIMENSIONS ARE INDICATED IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
 - DIMENSIONS TO BE READ AND NOT MEASURED.
 - ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECTS.
 - ALL ARCHITECTURAL DRAWING TO BE READ CONJUNCTION WITH RELEVANT STRUCTURAL AND SERVICES DRAWING.
 - ALL FIXED AND LOOSE FURNITURE ARE INDICATIVE.
 - LVL +0.0 CORRESPONDS TO 100.30 WHICH IS THE PLINTH LEVEL OF THE ACADEMIC BUILDING.
 - DOORS AND WINDOWS SHOWN IN LAYOUTS, BUT NOT TAGGED WILL BE IN THE SCOPE OF INTERIOR WORKS.

Sr. No.	DATED	DESCRIPTION	SIGN	DISTRIBUTION

REVISIONS

OWNER
SOUTH ASIAN UNIVERSITY
Akbar Bhawan, Chanakyaপুর, New Delhi, India

ARCHITECTS
ARCHIPLAN A.B.D. JV
C-38, Gaf View Apartments, Saleit, New Delhi - 1100
Tel/Fax: 011-46542974
archiplanbd@gmail.com

Technical Consultant
STRUCTURAL DESIGN CONSULTANT
OPTIMAL CONSULTANCY SERVICES PVT LTD.
28/ATIS GULFUR WALKER, NEW DELHI - 110068
Tel: 011-46542974
Email: info@optimalindia.com

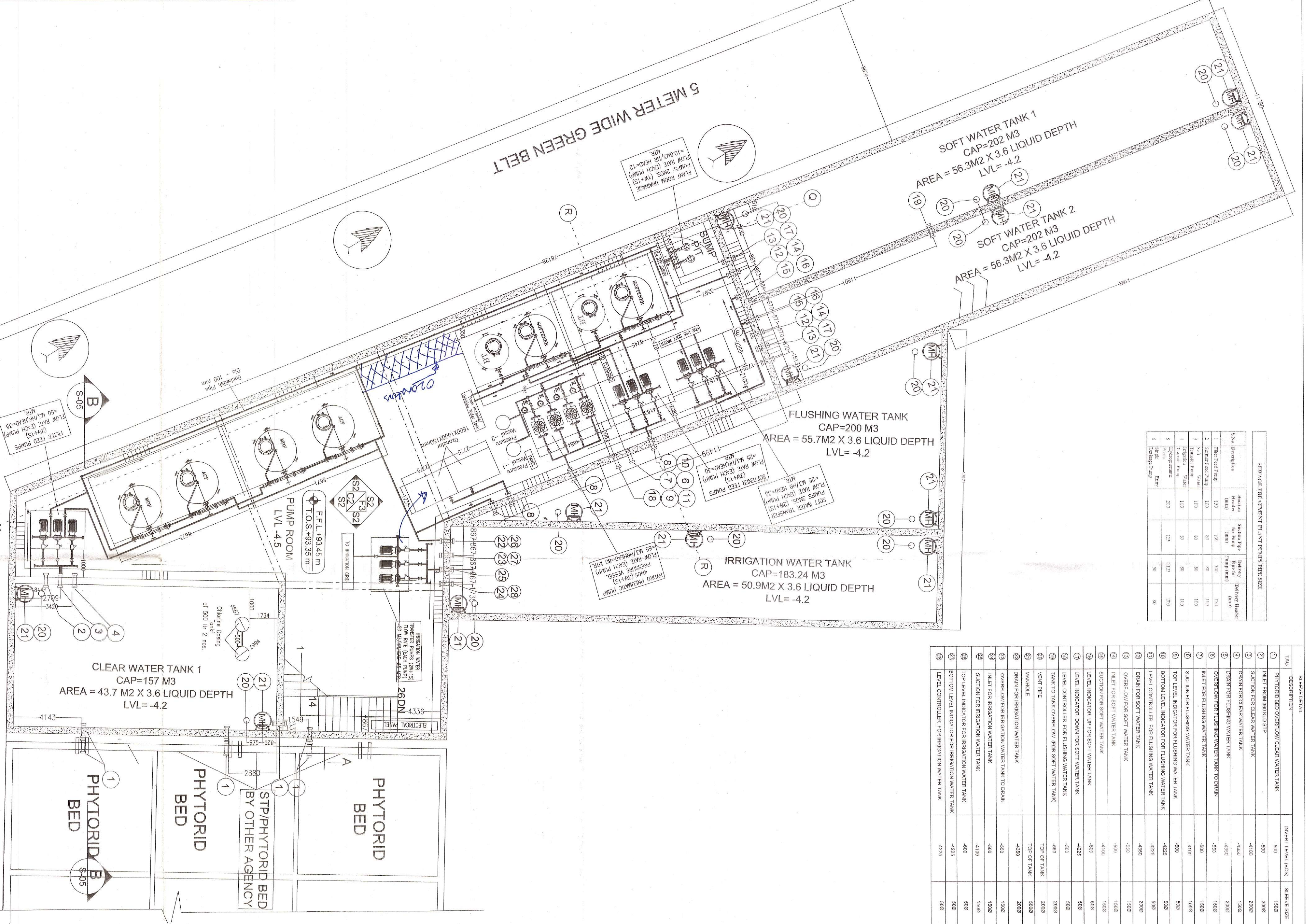
LANDSCAPE ARCHITECTS
ASHRAY KAIL & ASSOCIATES
D-42, Sector 2, Noida, U.P. India - 201301
Tel: 0120-4510065
Email: info@ashraykail.com

QUANTITY SURVEYING & ESTIMATION
HITECH ENGINEERING CONSULTANTS
Tel: 011-26114445
Email: info@hitechengineers.com

SUSTAINABILITY CONSULTANTS
DEBANS INDIA
D-42, Sector 2, Noida, U.P. India - 201301
Tel: 0120-4510065
Email: info@debansindia.com

CONTRACTOR
S.S. Engineering Corporation
D-42, Sector 2, Noida, U.P. India - 201301
Tel: 0120-4510065
Email: info@ssengcorp.com

PROJECT MANAGEMENT CONSULTANTS
TATA Consulting Engineers Ltd
Ground Floor, Tower B6, Sector 16, Noida - 201301
Tel: 0120-2611445
Email: info@tatace.com



BASEMENT PLAN

- COMMENTS**
- ELECTRO MAGNETIC FLOW METER / PH METER TO BE SHOWN.
 - NRV, B/FV, PRESSURE GAUGE ETC. TO BE SHOWN AS PER REQUIREMENT.
 - VENTILATION FOR STP TO BE PROVIDED.
- Approved subject to comments given above.*

APPROVED SUBJECT TO COORD. WITH OTHER SERVICES



Released For Construction



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Rajpur Road, Maidangarhi, Delhi-68

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for

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South Asian University

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- d) The agency should submit the proof of experience issued by employer / department.
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The bid/ RFP to be submitted in the office of Superintending Engineer, 1st Floor, Administration building, SAU on or before xx.xx.2025.

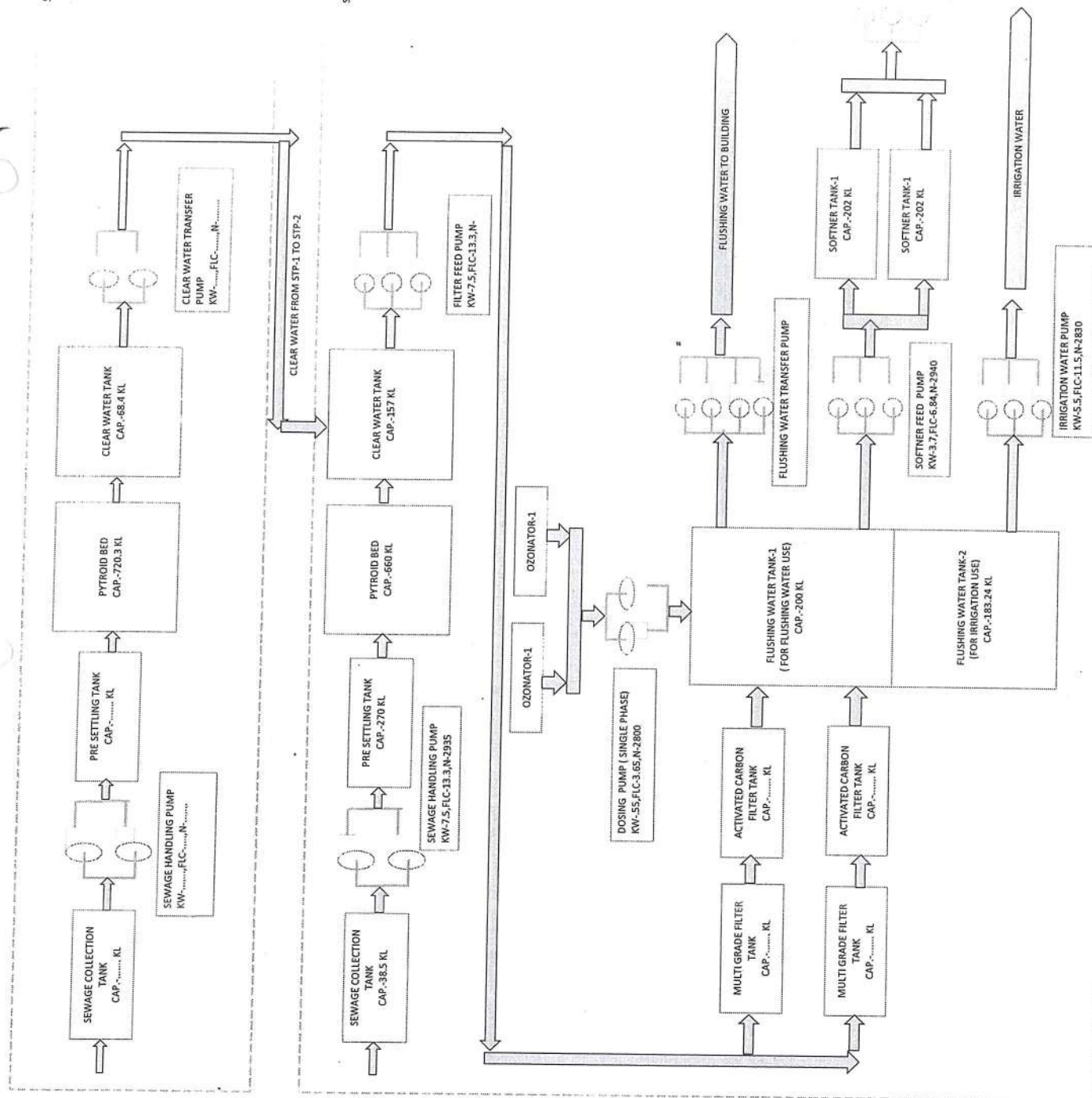
The proposals will be examined by an expert group viz a viz financial implications. Based on the efficacy and feasibility, a tender will be floated for the detail technical design and execution of work at site. The interested agencies may visit the site on any working days between 10.00Am to 5.00PM to see the STPs at Ground and Drawings in the Office of the Superintending Engineer, SAU, 1st Floor, Administration Building, South Asian University Campus at Maidangarhi, Delhi-68.

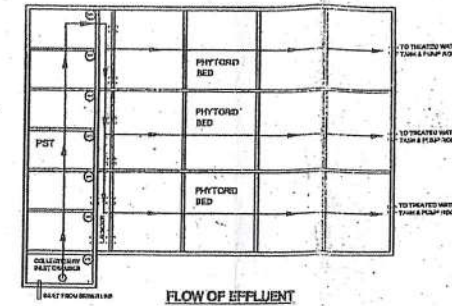
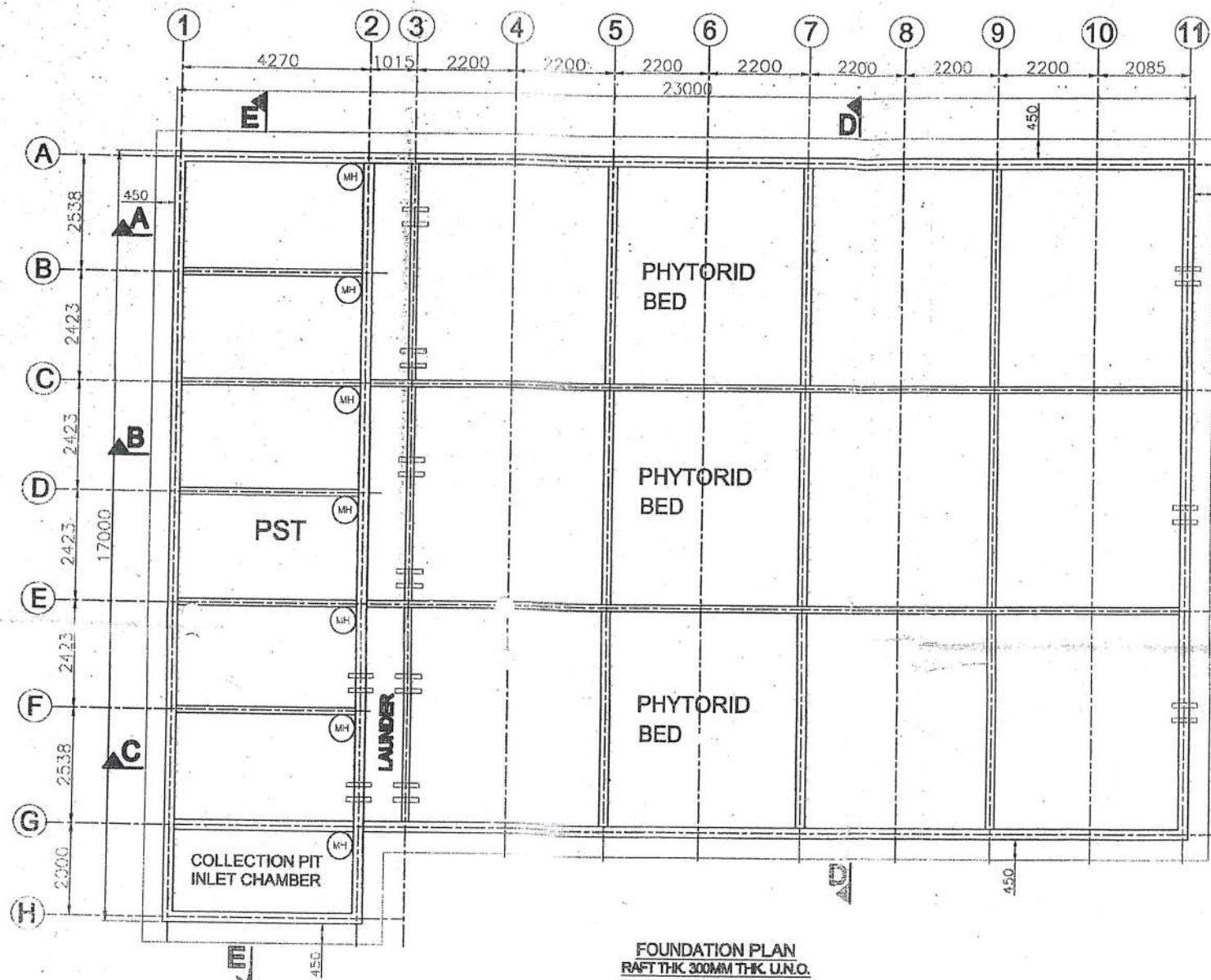
A formal meeting with all agencies will be held on 14.11.2025 at 3.00PM in the conference hall at ground Floor of Administrative building of SAU.

For more details kindly contact Mr. Baljit Singh JE(C) at Mobile no. 8879166459 email; baljitsingh@sau.int and also keep a regular watch on SAU website ; www.sau.int.



STP-2 (280 KLO) near 15°C





TO TREATED WATER
TANK & PUMP ROOM

1. All structures to be avoided
with overlap on existing trees and
5 m green belt as per site conditions

TO TREATED WATER
TANK & PUMP ROOM

TO TREATED WATER
TANK & PUMP ROOM

APPROVED
This review is only for general conformance with the design concept and the information given in the construction drawings/documents. Corrections or comments made on the shop drawings during the review do not relieve the contractor from compliance with the requirements of the plans and specifications and applicable laws, codes and regulations. Review of a specific item shall not include review of an assembly of which the item is a component. Review of such assemblies is not for the purpose of approving the accuracy and completeness of other components or equipment or systems, which are the contractor's responsibility. The Architect's review shall not constitute approval of safety precautions or any construction means, methods, techniques, sequences or schedules. Contractor shall coordinate the work with that of other contractors.

06/10/2018 *[Signature]* ARCHITECTS

NOTES:

- ALL DIMENSIONS ARE IN MM
- DO NOT SCALE ANY DIMENSIONS
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND STRUCTURAL DRAWINGS
- GRADE OF CONCRETE SHALL BE M20 U.N.O.
- THE REINFORCEMENT SHALL BE T.M.T. BARS OR GALVANIZED DEFORMED BARS 600 HAVING YIELD STRENGTH NOT LESS THAN 600 N/MM² AND CONFORMING TO IS 1786-2008 AND HAVING MINIMUM ELONGATION OF 14.0%
- CLEAR COVER SHALL BE AS FOLLOWS:-
- RETAINING WALL 30 MM SLAB 20 MM
- RAFT COVER 60 MM
- DEVELOPMENT LENGTH (LD) SHALL BE EQUAL TO 200 DIA OF BAR
- LAP LENGTH SHALL BE EQUAL TO DEVELOPMENT LENGTH (LD) OF GREATER OR BAR OVERLAPPED

Approved

[Signature]
SCIENTIST
National Environmental
Engineering Research Institute (NEERI)
Mumbai Zonal Center,
89/B, Dr. A. B. Road,
Mumbai - 400 018.

NO.	DATE	REVISION
1	06/10/2018	CP
2		V.V.B.K. KUMAR PANGU
3		V.V.P.

RAJPOORJI PALLONGI & CO. PVT. LTD.

PROJECT:-
280 KLD PHYTORID STP
SOUTH ASIA UNIVERSITY

DESIGN:-
PETRICHOR EMERGING
TECHNOLOGIES INDIA PVT. LTD.

CONSULTANT:-
SUSHUMMA
CONSULTANCY SERVICES LLP
PLOT NO. 28 FOURTH FLOOR, SHYAM NAGAR
NEAR GOVINDPURU METRO STATION
NEW DELHI (110029)
Ph No: 08800392503, 08100410700
Email: sushumma.consultancy@gmail.com
Web: www.sushummaconsultancy.com

FOUNDATION PLAN & DETAIL
PHYTORID BASED STP

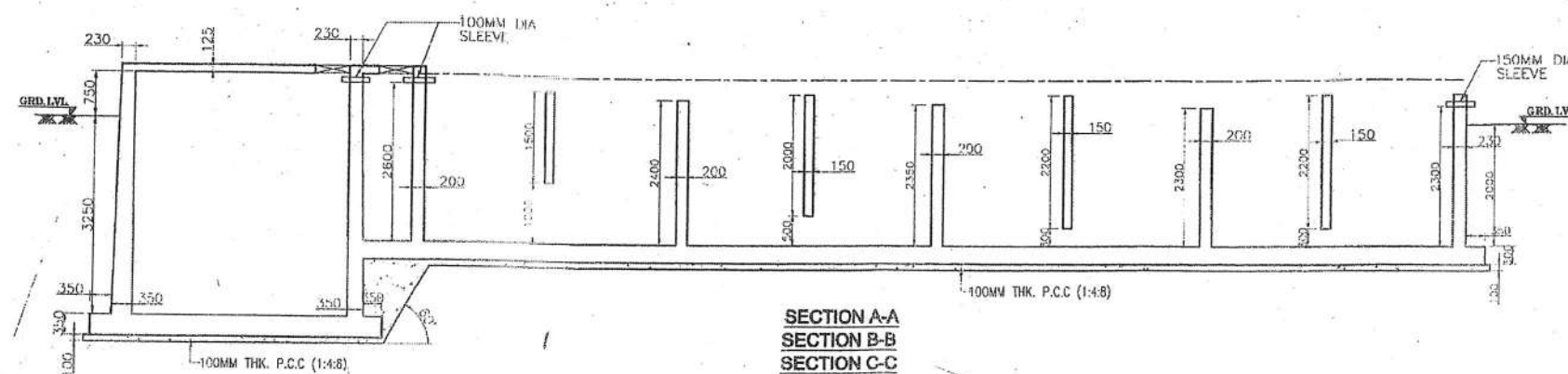
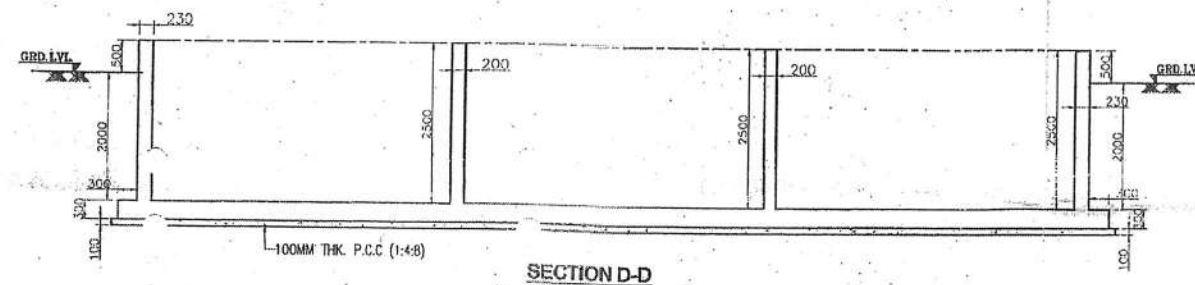
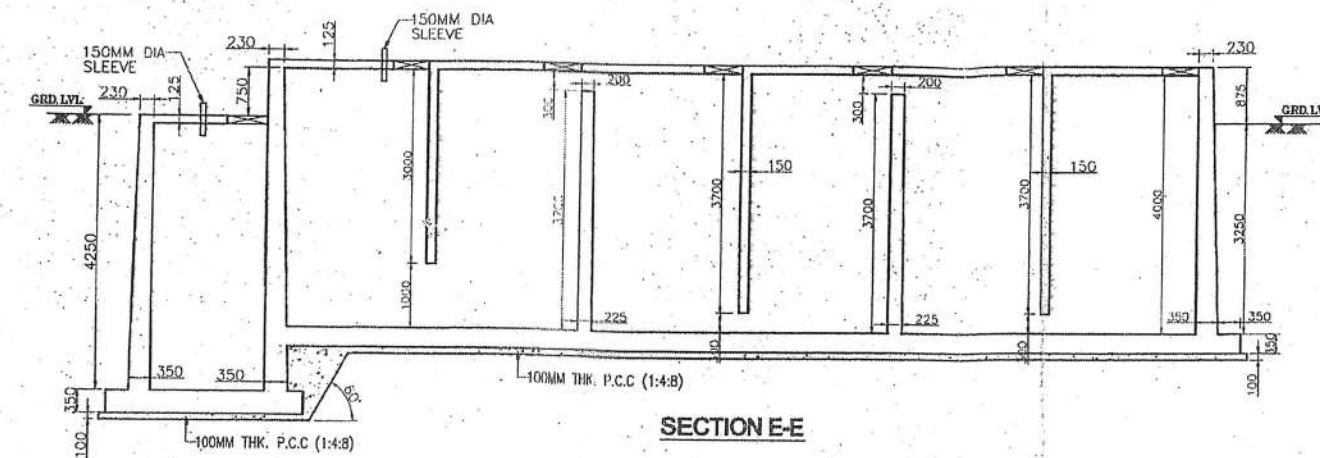
A.T.S.

06/10/2018

☒ APPROVED ☐ REVISED AND RESUBMITTED
☒ APPROVED WITH COMMENTS ☐ REJECTED

This review is only for general conformance with the design concept and the information given in the manufacturer's data sheets and specifications. Corrections or comments made on the sheets drawn out during the review shall not relieve the Contractor from complying with the requirements of the drawings and specifications and applicable laws, codes and regulations. Review of a specific item shall not include review of an assembly of which the item is a component. Review of such submittals is not for the purpose of approving the quantity and completeness of other submittals such as drawings and specifications, or the performance of equipment or systems, which are the contractor's responsibility. The architect's review shall not constitute approval of safety precautions or any construction means, methods, techniques, sequences or procedures. Contractor shall coordinate the work with that of other trades and professionals and work in a safe and healthful manner. *Stamp*

6/6/01/18



NOTES:

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- * THE REINFORCEMENT SHALL BE T.M.T. BARS OR COLD TIGHTENED DEFORMED BARS F_y 600 HAVING YIELD STRENGTH NOT LESS THAN 600N/MM²
- * THE REINFORCEMENT SHALL BE 12MM DIA AND HAVING MINIMUM ELONGATION OF 2.5%
- * CLEAR COVER SHALL BE AS FOLLOWS:-
 - RETAINING WALL 30 MM
 - SLAB 20 MM
 - RAFT COVER 50 MM
- * DEVELOPMENT LENGTH (LD) SHALL BE EQUAL TO 50DIA OF BAR
- * LAP LENGTH SHALL BE EQUAL TO DEVELOPMENT LENGTH (LD) OF GREATER BAR OVERLAPPED

Approved
A. L. Bameg
SCIENTIST
National Environmental
Engineering Research Institute (NEERI)
Mumbai Zonal Center,
89/3, Dr. A. B. Road,
Mumbai - 400 018.

NO.	DATE	REVISION
DRAWN BY		CP
DON BY		VIVEK KUMAR PASKALJ
CHECK BY		V.K.P.

CLIENT:-
SHAPCORJI PALLONGI & CO. PVT. LTD.

PROJECT:
280 KLD PHYTORID STP
SOUTH ASIA UNIVERSITY

DESIGN:-
PETRICHOR EMERGING
TECHNOLOGIES INDIA PVT. LTD.

STRUCTURES- SUSHUMNA
CONSULTANCY SERVICES LLP
PLOT NO.36 FOURTH FLOOR SHYAM NAGAR
NEAR GOVINDPUR METRO STATION
NEW DELHI (110020)
Ph. No.: 011-26332633, 00133619768
Email: sushumna.consultancy@gmail.com
Web: www.sushumnaconsultancy.com

FILE- SECTION DETAIL
NEW YORK BASED SITE

SCALE: M.T.S.

DATE: 27.08.2014

CHAMBERS	10/10/10
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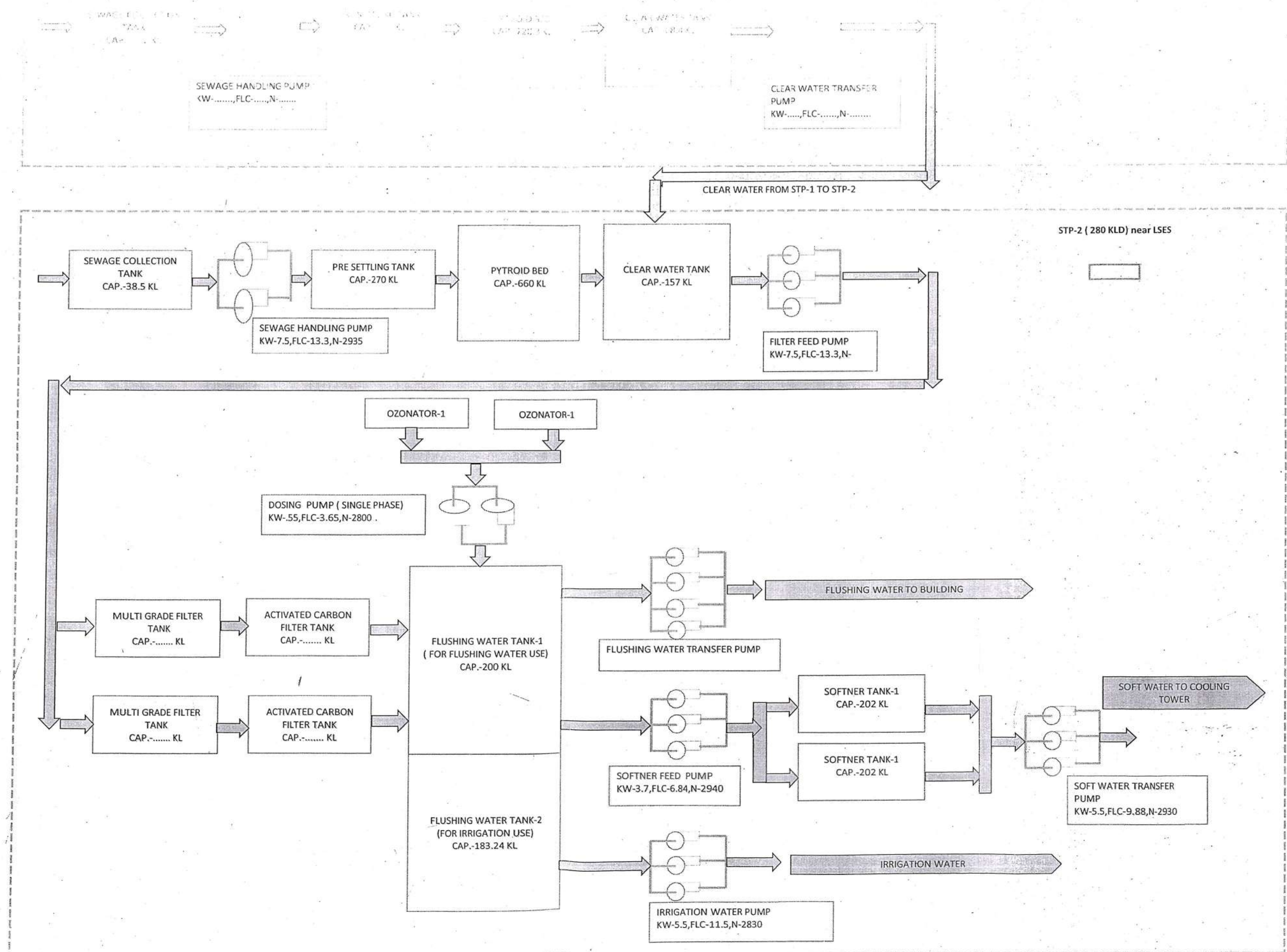
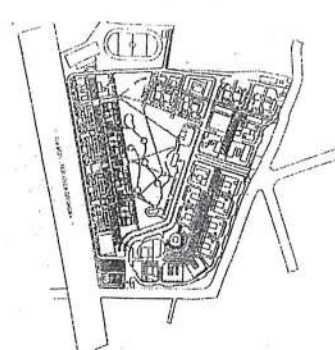


Table with 4 columns: S.No., Description, Quantity, Remarks. It lists various components of the sewage treatment plant including tanks, pumps, and piping.

Table with 4 columns: TAG, DESCRIPTION, ELEVATION (BOS), SLEEVE SIZE. It lists various components of the sewage treatment plant including tanks, pumps, and piping.

- NOTES & INFORMATION
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 - LVL +0.0 CORRESPONDS TO 100.30 WHICH IS THE PLINTH LEVEL OF THE ACADEMIC BUILDING.
 - DOORS AND WINDOWS SHOWN IN LAYOUTS BUT NOT TAGGED WILL BE IN THE SCOPE OF INTERIOR WORKS.



KEY PLAN
1:8000

Table with 2 columns: Sr. No., DATED DESCRIPTION SIGN DISTRIBUTION. It lists the distribution of the drawing.

REVISIONS

PROJECT
SOUTH ASIAN UNIVERSITY
MAIDAN GARHI, NEW DELHI

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Akbar Bhavan, Chanakya Park, New Delhi, India

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Email: kitechengg@gmail.com

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Email: tcepmc@gmail.com

CONTRACTOR
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107, Preet Vihar, Connaught Place, New Delhi - 110028
Tel: 011-46542974
Email: seenggcorp@gmail.com

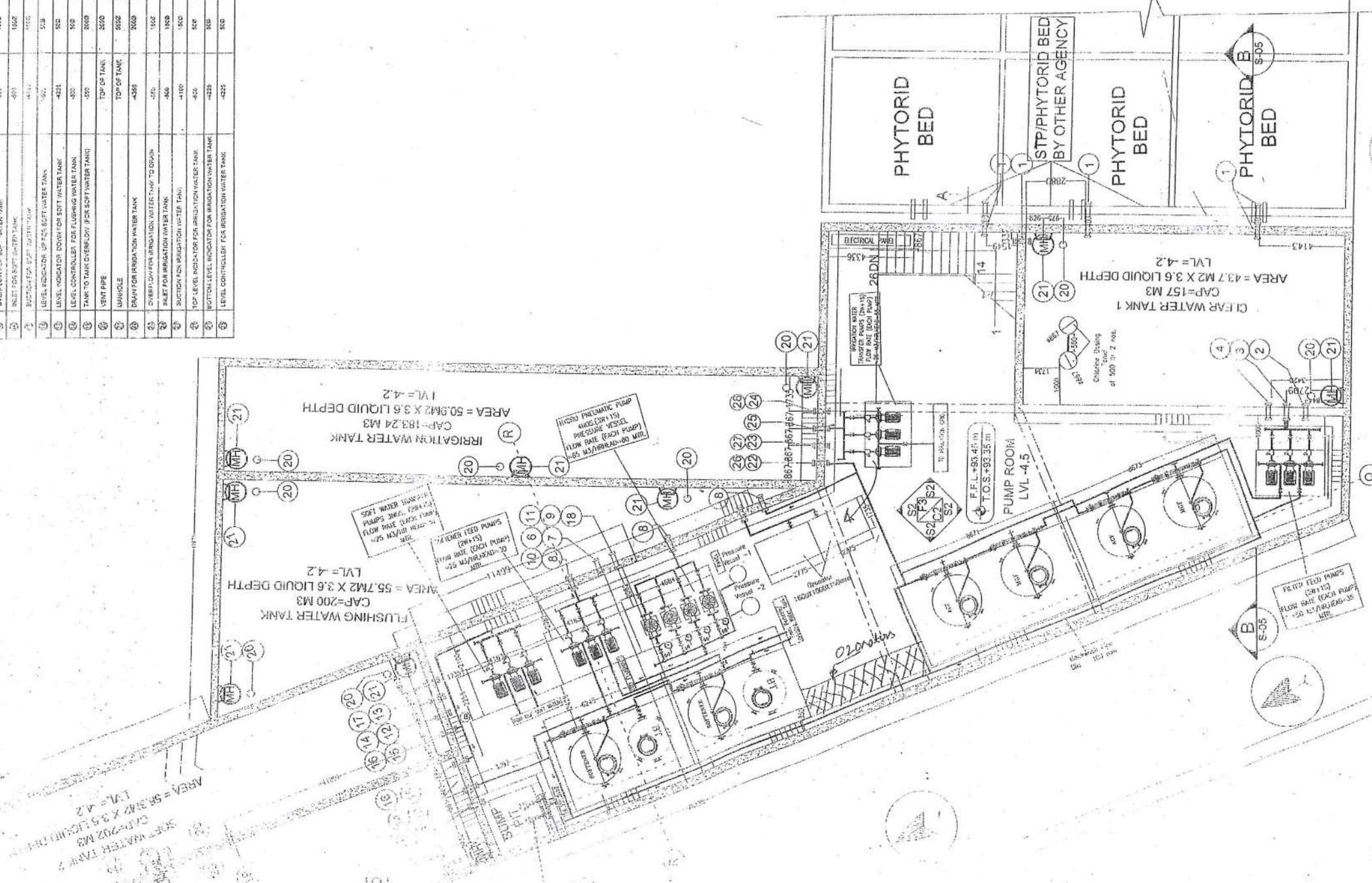
UTILITY AREA - STP
STP PIPING DRAWING

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Table with 2 columns: PHASE, AREA. It lists the phase and area of the drawing.

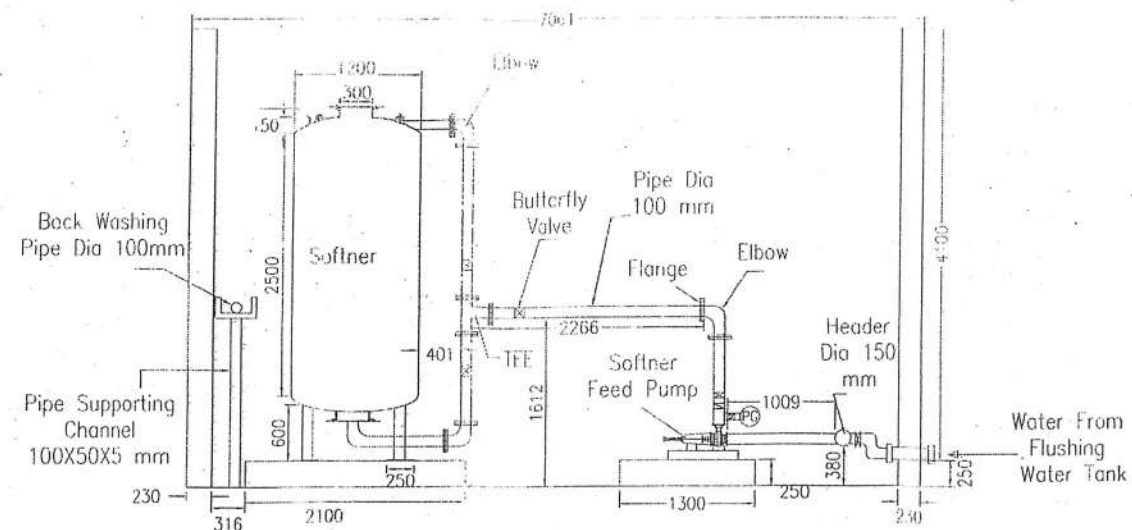
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THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE COPIED, REPRODUCED WITHOUT PRIOR PERMISSION



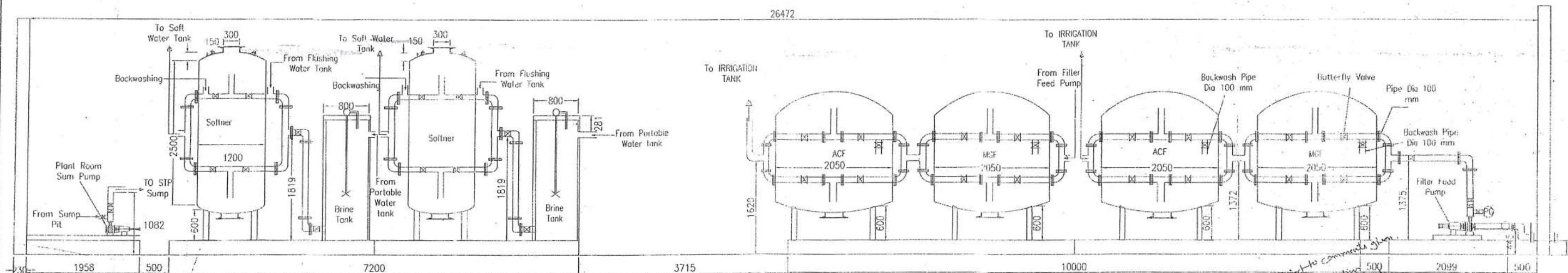
COMMENTS :-
1.) ELECTRO MAGNETIC FLOW METER / PH METER TO BE SHOWN.
2.) NR.V. BFV. PRESSURE GAUGE ETC. TO BE SHOWN AS PER REQUIREMENT.
3.) VENTILATION FOR STP TO BE PROVIDED.
Approved subject to co-ord. with other services.

SEWAGE TREATMENT PLANT



Section: P-P

26472



Section: Q-Q

Key plan is not attached.

Legends for valves are missing.

Approved subject to comments from P. S. Singh as per calculation to be provided as per equipment detail as per manufacturer.



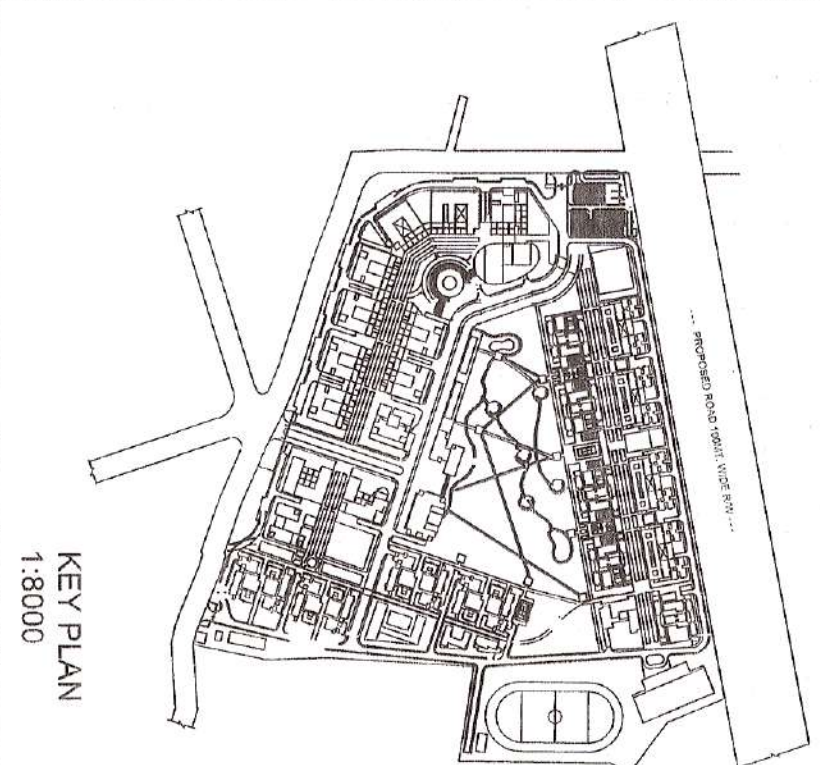
Released For Construction

Contractor	Client	PROJECT	Detail	Drawing By	Pooja Singh
S.S. Engineering Corporation D-123, Sector 7, Noida (U.P.) TEL -- 0120-4277128, 4277129 ssengg_c@yahoo.co.in	SHAPOORJI PALLONJI & COMPANY PRIVATE LIMITED	SOUTH ASIAN UNIVERSITY PACKAGE-III	Pump Room Section Drawing of STP	Checked By	A.K.S.
				Scale	NTS
				Date	10.8.2019



SEWAGE TREATMENT PLANT PUMPS PIPE SIZE					
S.No.	Description	Capacity (mm)	Capacity (mm)	Capacity (mm)	Capacity (mm)
1	Filter Feed Pump	150	100	80	100
2	Softener Feed Pump	100	80	80	100
3	Softener Feed Pump	100	80	80	100
4	Softener Feed Pump	100	80	80	100
5	Softener Feed Pump	100	80	80	100
6	Softener Feed Pump	100	80	80	100

TAG	DESCRIPTION	INVERT LEVEL (BS)	SERVE SIZE
1	PHYTORID BED OVERFLOW CLEAR WATER TANK	-500	1500
2	INLET FROM 800 K.D. STP	-500	2000
3	SUCTON FOR CLEAR WATER TANK	-4100	2000
4	DRAIN FOR CLEAR WATER TANK	-4250	1500
5	OVERFLOW FOR FLUSHING WATER TANK TO DRAIN	-4250	1500
6	INLET FOR FLUSHING WATER TANK	-500	1500
7	SUCTON FOR FLUSHING WATER TANK	-4100	1500
8	TOP LEVEL INDICATOR FOR FLUSHING WATER TANK	-500	500
9	BOTTOM LEVEL INDICATOR FOR FLUSHING WATER TANK	-4225	500
10	LEVEL CONTROLLER FOR FLUSHING WATER TANK	-4225	500
11	OVERFLOW FOR SOFT WATER TANK	-500	1500
12	INLET FOR SOFT WATER TANK	-4100	1500
13	LEVEL INDICATOR UP FOR SOFT WATER TANK	-4225	500
14	LEVEL INDICATOR DOWN FOR SOFT WATER TANK	-500	500
15	LEVEL CONTROLLER FOR SOFT WATER TANK	-4225	500
16	TANK TO TANK OVERFLOW FOR SOFT WATER TANK	-500	2000
17	VENT PIPE	TOP OF TANK	2000
18	DRAIN FOR IRRIGATION WATER TANK	-4050	2000
19	OVERFLOW FOR IRRIGATION WATER TANK TO DRAIN	-500	1500
20	SUCTON FOR IRRIGATION WATER TANK	-4100	1500
21	LEVEL INDICATOR UP FOR IRRIGATION WATER TANK	-4225	500
22	LEVEL INDICATOR DOWN FOR IRRIGATION WATER TANK	-500	500
23	LEVEL CONTROLLER FOR IRRIGATION WATER TANK	-4225	500
24	TOP LEVEL INDICATOR FOR IRRIGATION WATER TANK	-4225	500
25	BOTTOM LEVEL INDICATOR FOR IRRIGATION WATER TANK	-4225	500
26	LEVEL CONTROLLER FOR IRRIGATION WATER TANK	-4225	500



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Sr. No.	DATED DESCRIPTION	SIGN	DISTRIBUTION

REVISIONS

OWNER
SOUTH ASIAN UNIVERSITY
Akbar Bhawan, Chanakypur, New Delhi, India

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Technical Consultant

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Tel: 011-46542974

ELECTRICAL PUBLIC HEALTH & FIRE FIGHTING CONSULTANT
MJC CONSULTANT
H-10, Gaf View Apartments, Saleit, New Delhi - 110068
Tel: 011-46542974

HAZOP CONSULTANT
DEHANS INDIA
D-42, Sector 2, Noida, U.P. India - 201301
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H-10, Gaf View Apartments, Saleit, New Delhi - 110068
Tel: 011-46542974

QUANTITY SURVEYING & ESTIMATION
HITECH ENGINEERING CONSULTANTS
H-10, Gaf View Apartments, Saleit, New Delhi - 110068
Tel: 011-46542974

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DEHANS INDIA
D-42, Sector 2, Noida, U.P. India - 201301
Tel: 0120-4510065

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TATA CONSULTING ENGINEERS LTD.
Ground Floor, Tower B6, Sector 16, Noida - 201301
Tel: 011-46542974

CONTRACTOR
S.S. Engineering Corporation
D-42, Sector 2, Noida, U.P. India - 201301
Tel: 0120-4510065

UTILITY AREA - STP

STP PIPING DRAWING

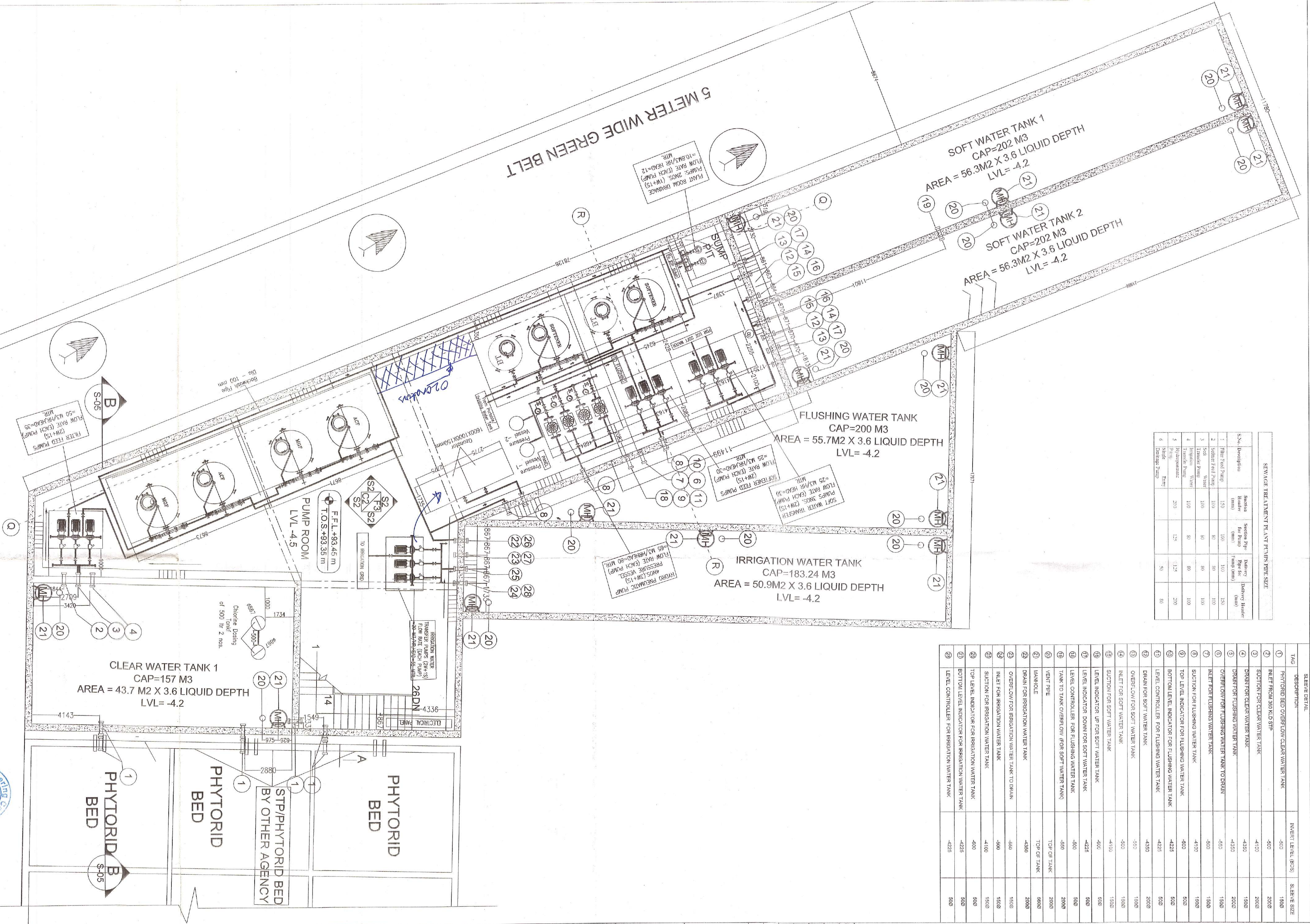
Scale	DATE	CHECKED BY	DRAWN BY
1:100	14.09.2018	APPROVED BY: A.K. SINGH	APPROVED BY: A.K. SINGH

BASEMENT PLAN

- COMMENTS**
- ELECTRO MAGNETIC FLOW METER / PH METER TO BE SHOWN.
 - NRV, B/FV, PRESSURE GAUGE ETC. TO BE SHOWN AS PER REQUIREMENT.
 - VENTILATION FOR STP TO BE PROVIDED.

Approved subject to comments given above.

APPROVED SUBJECT TO COORD. WITH OTHER SERVICES



Released For Construction

