

CLIENT: DEPARTMENT OF LOCAL BODIES & NAGAR PALIKA SADULSHAHAR

PROJECT NAME: FSTP- SADULSHAHAR

LOCATION: SADULSHAHAR, RAJASTHAN

Faecal Sludge Treatment Plant

NOTES

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 2. All dimensions are checked and co-related with the architectural drawings and any discrepancy or omission shall be brought to the notice.
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 4. The structural component and BOQ prepared considering Existing Ground Level (+98.25)
 5. EGL = Existing Ground Level +98.25
 6. FGL = Finished Ground Level
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- Cement (SRC).
 10.'R' indicates Register;
 'PDB' indicates Planted Drying Bed
 'UPDB' indicates Unplanted Drying Bed
 'AF' indicates Anaerobic Filter;
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 11. Use UPVC pipes (55mm, 110mm & 150 mm dia (2", 4" & 6")) which can withstand pressure of 6kg/cm².
 12. Bench Mark = As per the layout plan provided
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REVISIONS

DATE	REMARKS	SIGNATURE

TITLE
COVER PAGE-FSTP Sadulshahar

DRG. No.
SDL-FSTP-CS (Dwg 01 of 21)

PROJECT NAME
FSTP- Sadul shahar, Rajasthan

CLIENT:
DLB- Rajasthan and Nagar Palika
Sadul shahar

CLIENTS CONSULTANT:

 Consortium for
DEWATS
Dissemination
Society
 Survey No.215,
Opp. Beedi Workers Colony,
Kommaghatta Road, Bandemath
BANGALORE - 560 060
KARNATAKA.

DRAWN BY	CHECKED BY	APPROVED BY
Nithin A.	Praveen N.	Praveen N.
DATE	DATE	DATE
21-02-2121	21-02-2121	21-02-2121
SCALE: NTP	SHEET 01 OF 21 SHEETS	

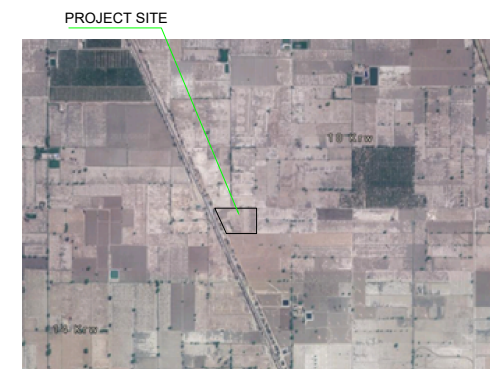
INDEX TO DRAWINGS

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07	SDL-FSTP-HD-PDB-02(Dwg 07 of 21)	Planted Drying Beds: Cross Section AA & BB
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18	SDL-FSTP-CD-CW-01(Dwg 18 of 21)	Compound wall: Section
19	SDL-FSTP-CD-CW-02(Dwg 19 of 21)	Compound wall: Plan
20	SDL-FSTP-CD-EMB-01(Dwg 20 of 21)	Ramp Embankment: Section
21	SDL-FSTP-TOPO-01(Dwg 21 of 21)	Topography map- FSTP site- Sadulshahar

VICINITY MAP



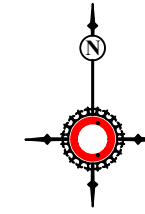
LOCATION MAP



GPS CO-ORDINATES: 29°52'54.38"N 74°11'54.29"E

LEGENDS/SYMBOLS

<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;"></td><td>GATE VALVE</td></tr> <tr><td style="text-align: center;"></td><td>MAN HOLE</td></tr> <tr><td style="text-align: center;"></td><td>PIPE</td></tr> <tr><td style="text-align: center;"></td><td>GAS VENT OPENING</td></tr> <tr><td style="text-align: center;"></td><td>RCC WALL</td></tr> <tr><td style="text-align: center;"></td><td>BRICK WALL</td></tr> <tr><td style="text-align: center;"></td><td>CINDERS</td></tr> <tr><td style="text-align: center;"></td><td>SOLING</td></tr> <tr><td style="text-align: center;"></td><td>CEMENT CONCRETE FILLING</td></tr> </table>		GATE VALVE		MAN HOLE		PIPE		GAS VENT OPENING		RCC WALL		BRICK WALL		CINDERS		SOLING		CEMENT CONCRETE FILLING	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: center;"></td><td>SUPPORT WALL</td></tr> <tr><td style="text-align: center;"></td><td>SECTION OF A-A</td></tr> <tr><td style="text-align: center;"></td><td>V-NOTCH</td></tr> <tr><td style="text-align: center;"></td><td>WATER LEVEL</td></tr> <tr><td style="text-align: center;"></td><td>EXISTING GROUND LEVEL</td></tr> <tr><td style="text-align: center;"></td><td>GAS VENT PIPE WITH VENT COWL</td></tr> <tr><td style="text-align: center;"></td><td>S.S OPEN CHANNEL GATE</td></tr> <tr><td style="text-align: center;"></td><td>OPENING IN WALL</td></tr> <tr><td style="text-align: center;"></td><td>LANDSCAPE</td></tr> </table>		SUPPORT WALL		SECTION OF A-A		V-NOTCH		WATER LEVEL		EXISTING GROUND LEVEL		GAS VENT PIPE WITH VENT COWL		S.S OPEN CHANNEL GATE		OPENING IN WALL		LANDSCAPE
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Faecal Sludge Treatment Plant

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REVISIONS

DATE	REMARKS	SIGNATURE

TITLE
Master Plan

DRG. No.
SDL-FSTP-MP-01(Dwg 02 of 21)

PROJECT NAME
FSTP- Sadul shahar, Rajasthan

CLIENT:
DLB- Rajasthan and Nagar Palika Sadul shahar

CLIENTS CONSULTANT:

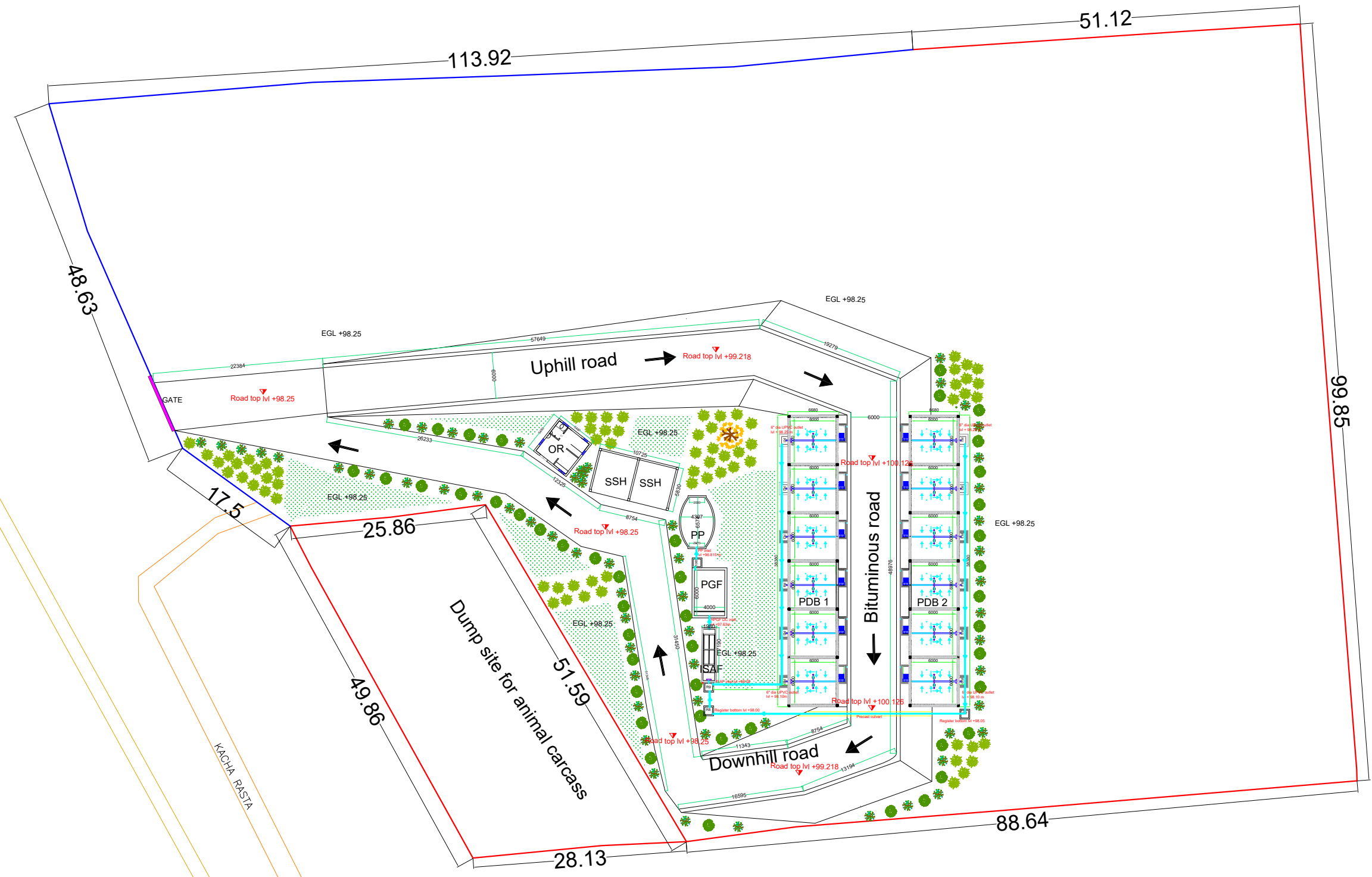
Consortium for
DEWATS
Dissemination
Society

Survey No.215,
Opp. Beedi Workers Colony,
Kommaghatta Road, Bandemath
BANGALORE - 560 060
KARNATAKA.

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Nithin A.	Praveen N.	Praveen N.

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SCALE: NTP **SHEET** 02 **OF** 21 **SHEETS**



SDL SHAHAR

KACHA RASTA

TO HAM

Faecal Sludge Treatment Plant

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TITLE

Master Plan

DRG. No.

SDL-FSTP-MP-02(Dwg 03 of 21)


PROJECT NAME

FSTP- Sadul shahar, Rajasthan

CLIENT:

DLB- Rajasthan and Nagar Palika Sadul shahar

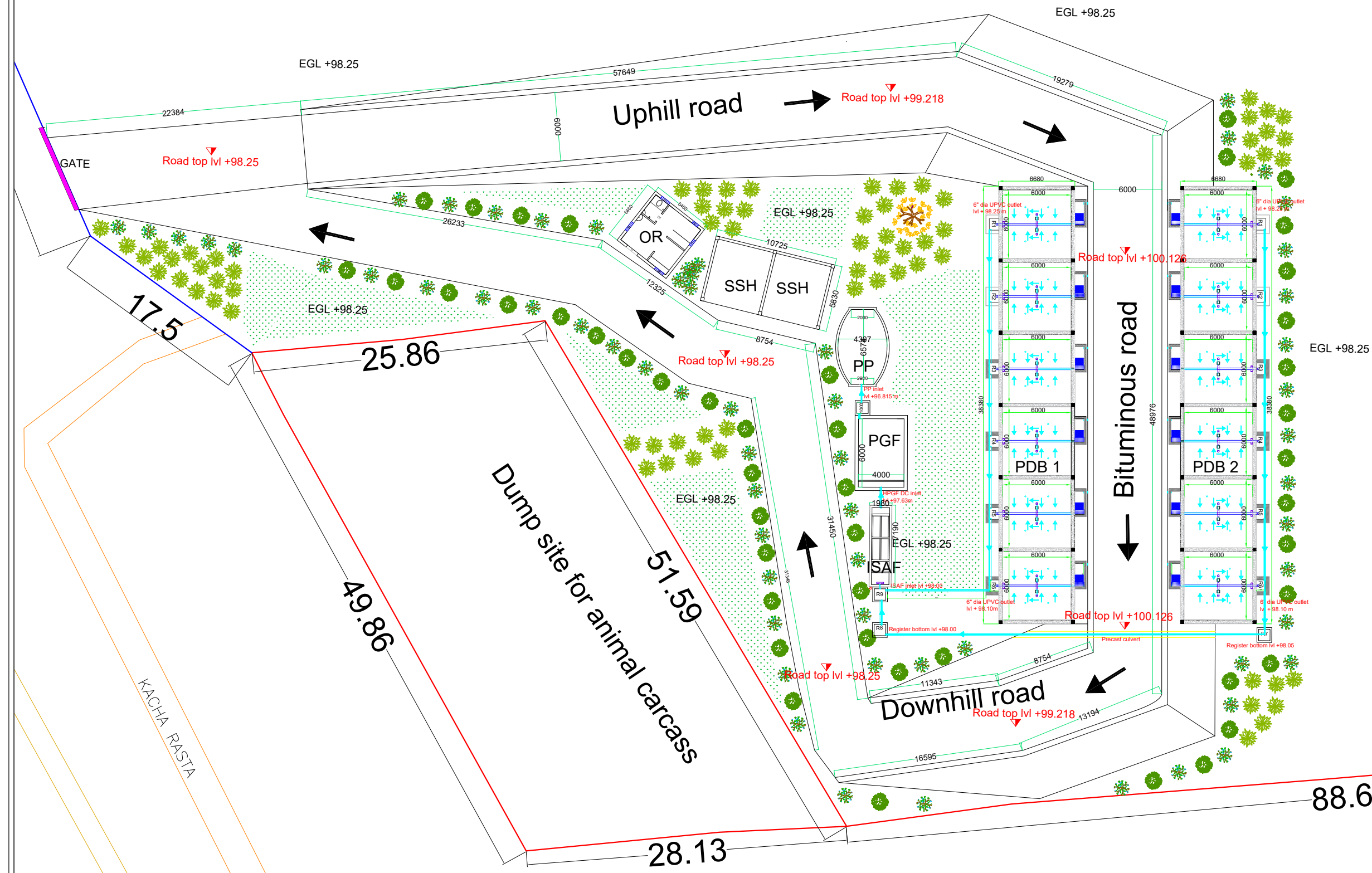
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Faecal Sludge Treatment Plant

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TITLE
Hydraulic Profile Drawing

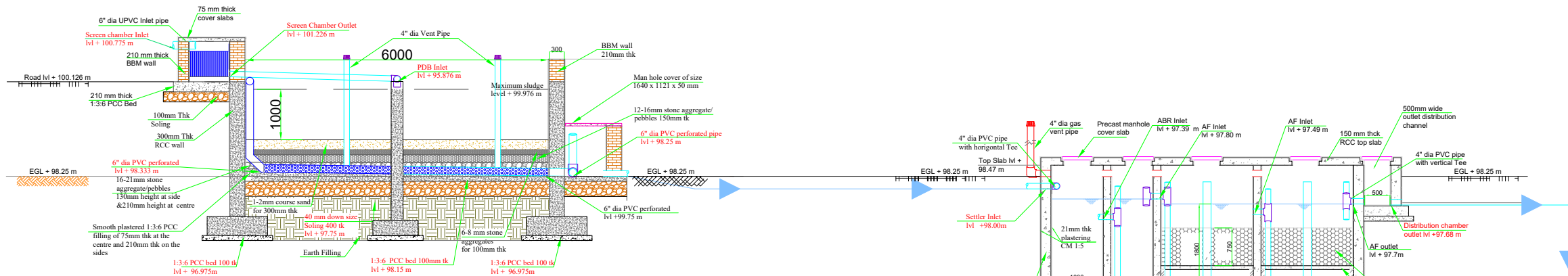
DRG. No.
SDL-FSTP-HP-01(Dwg 04 of 21)

PROJECT NAME
FSTP- Sadul shahar, Rajasthan

CLIENT:
DLB- Rajasthan and Nagar Palika
Sadul shahar

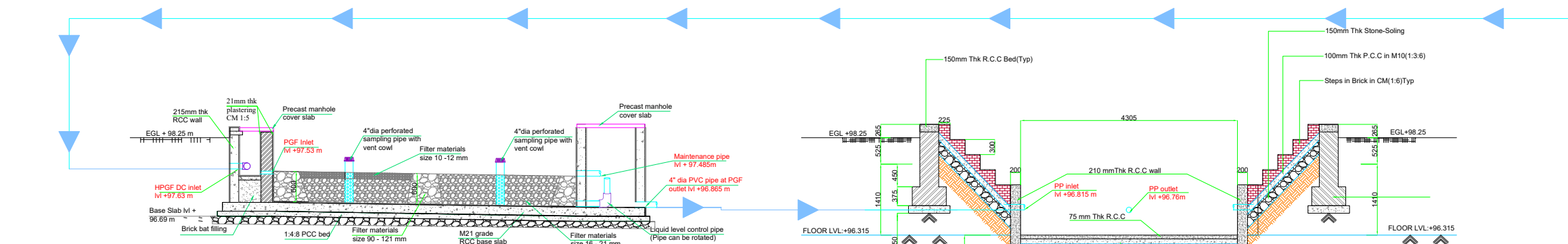
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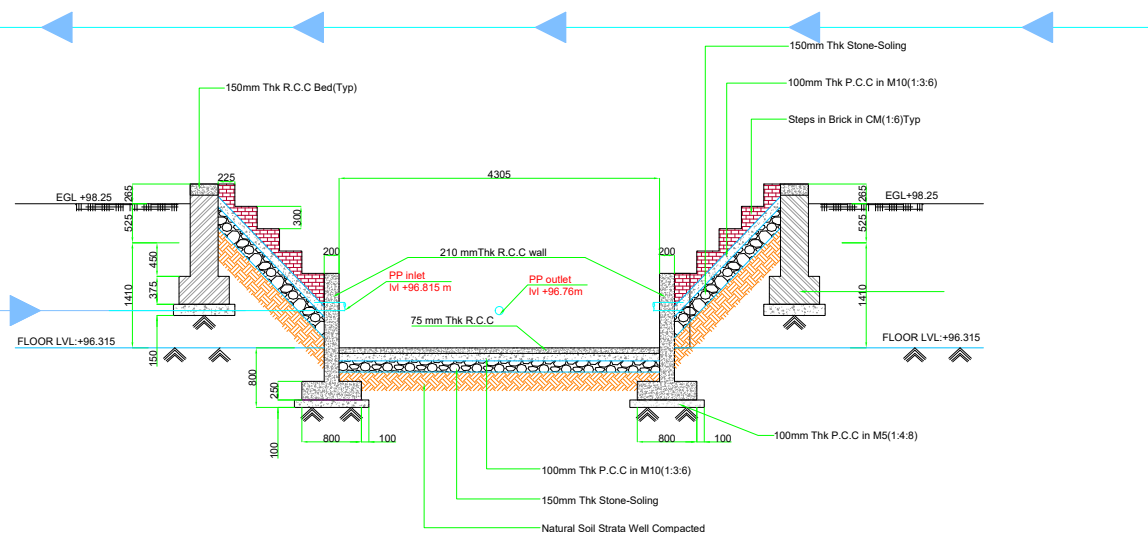


Planted Drying Bed

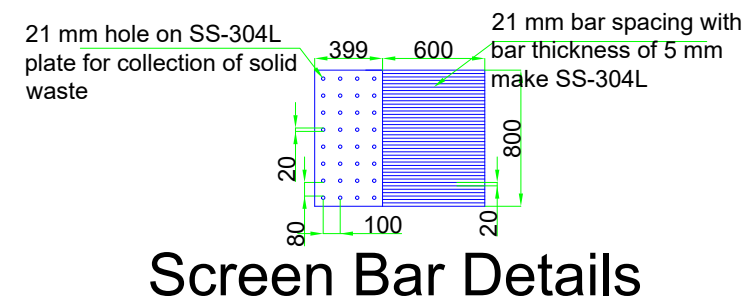
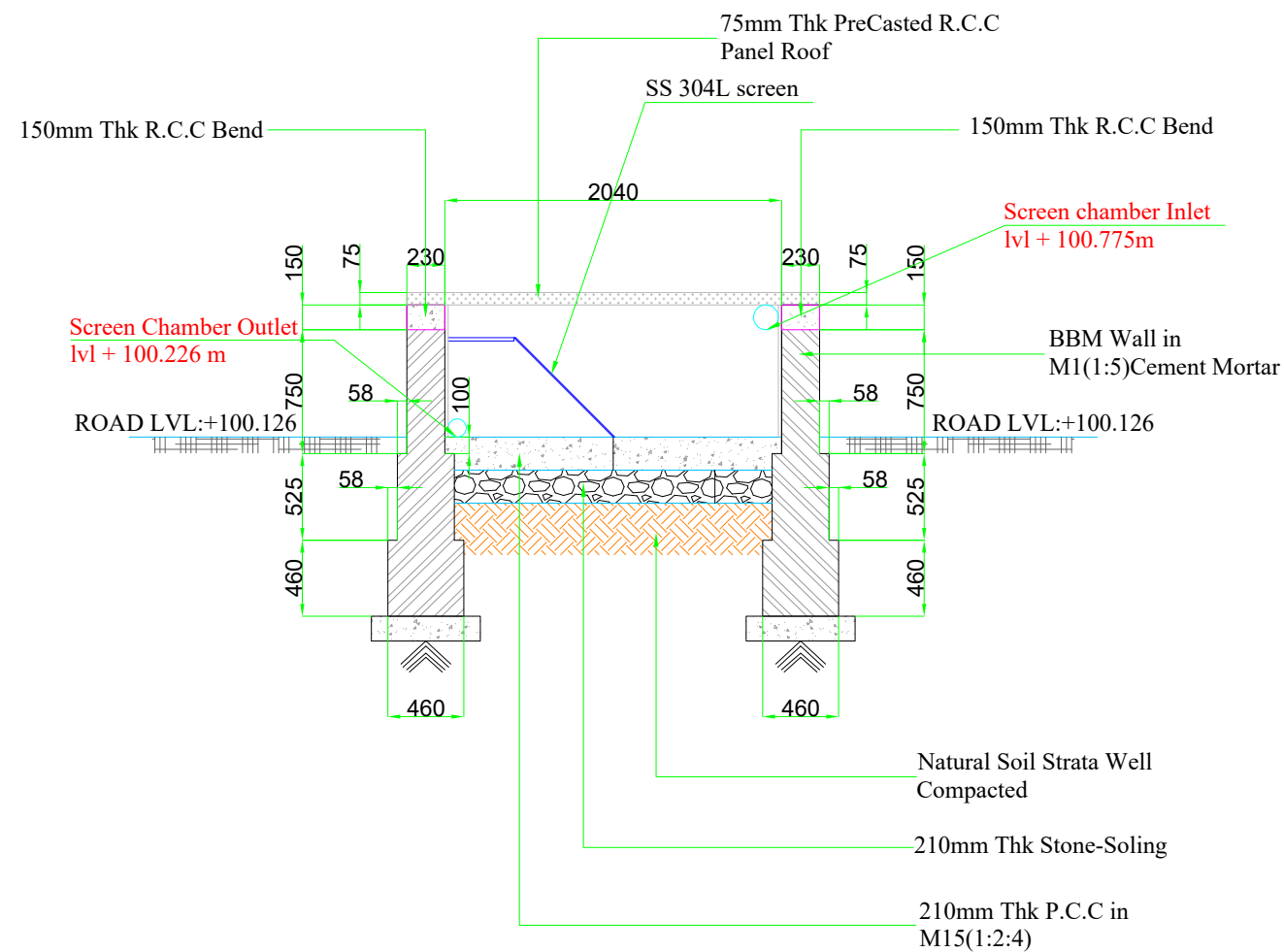
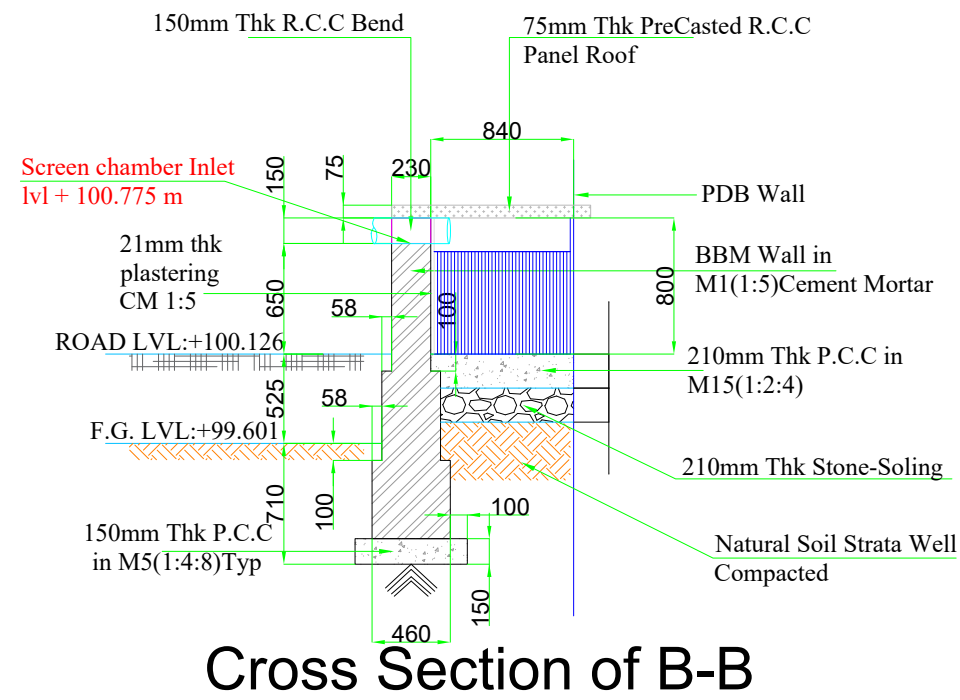
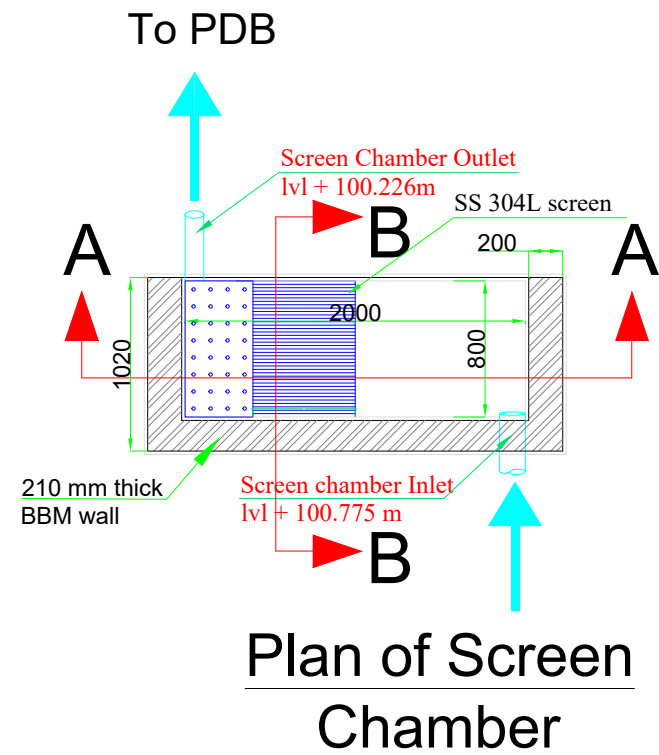
Integrated Settler and Anaerobic Filters



Planted Gravel Filter



Polishing Pond



Faecal Sludge Treatment Plant

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DATE	REMARKS	SIGNATURE

TITLE
Screening Chamber: Plan, Sections and Bar screen details

DRG. No.
SDL-FSTP-HD-SC-01(Dwg 05 of 21)

PROJECT NAME
FSTP- Sadul shahar, Rajasthan

CLIENT:
DLB- Rajasthan and Nagar Palika
Sadul shahar

CLIENTS CONSULTANT:
 Consortium for DEWATS Dissemination Society
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Faecal Sludge Treatment Plant

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TITLE
PLANTED DRYING BEDS: Section CC & Sectional Plan

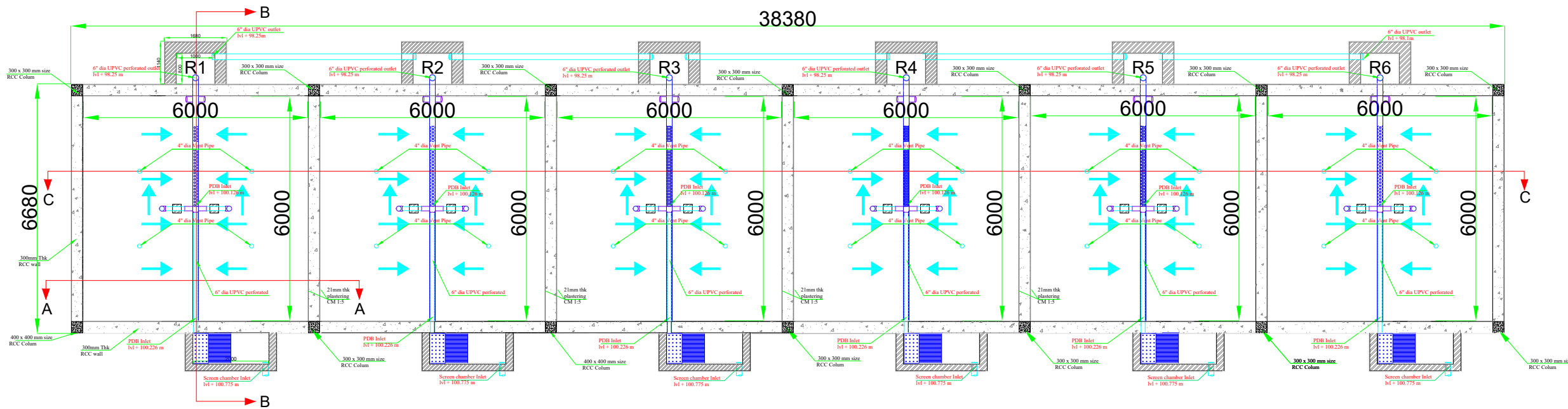
DRG. No.
SDL-FSTP-HD-PDB-01(Dwg 06 of 21)

PROJECT NAME
FSTP- Sadul shahar, Rajasthan

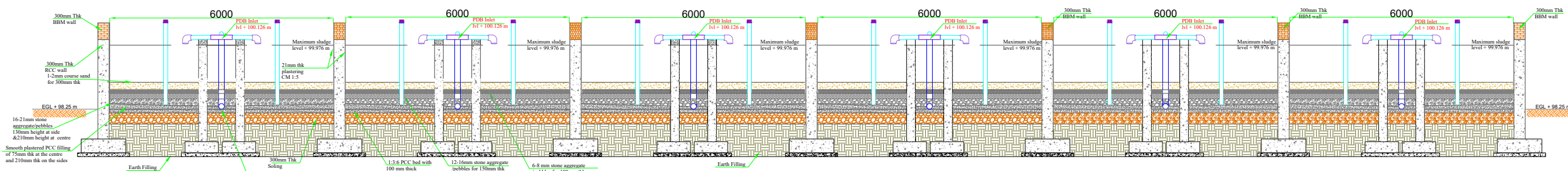
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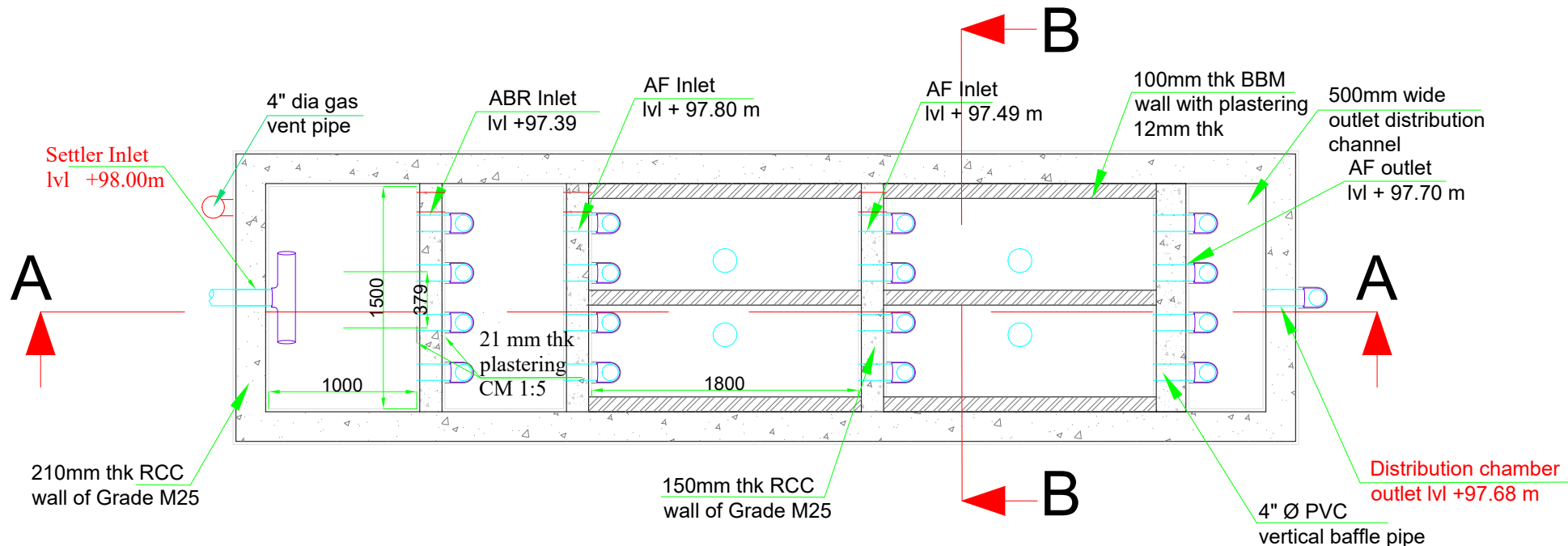
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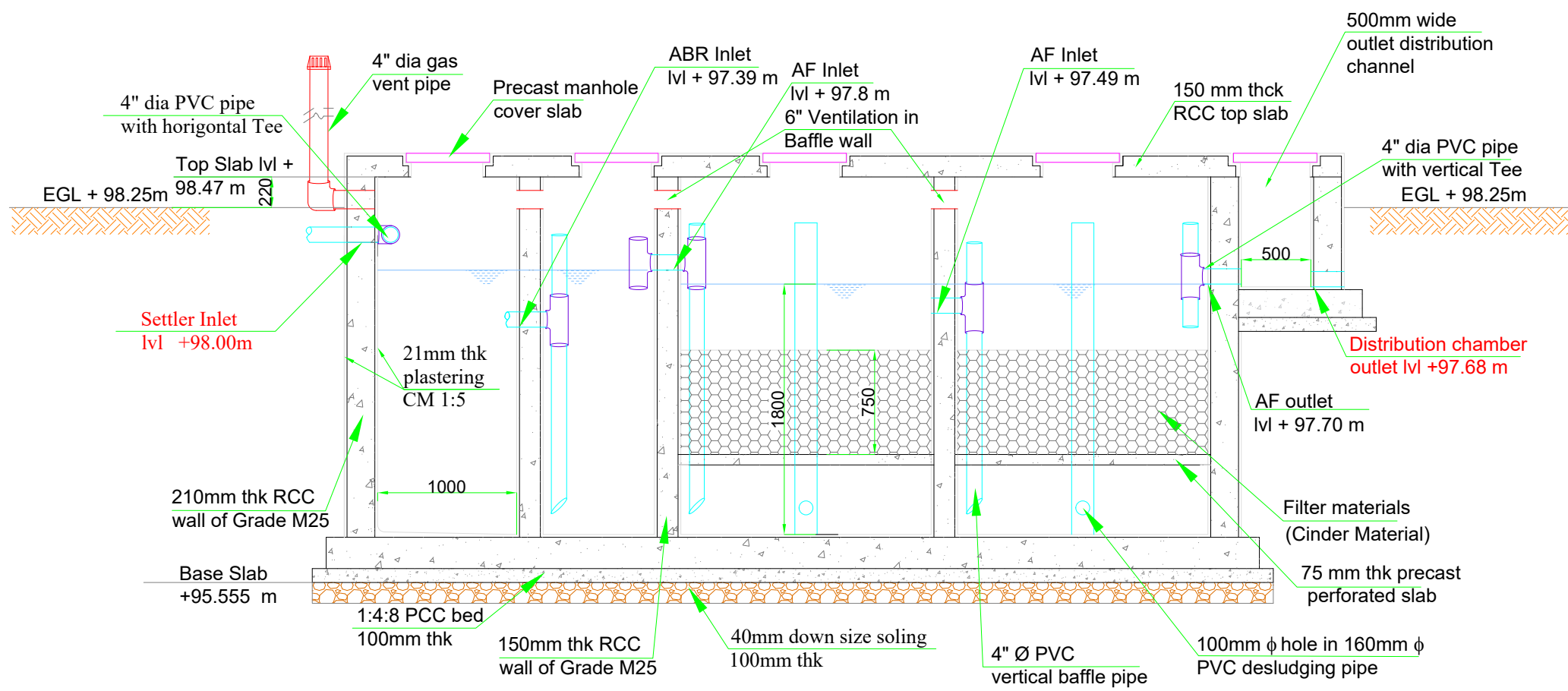
Plan of Planted Drying Bed



Cross Section of C-C



Plan of Integrated Settler and Anaerobic Filters



Cross section @ A-A

Faecal Sludge Treatment Plant

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TITLE
INTEGRATED SETTLER+AF: Sectional plan & cross section AA

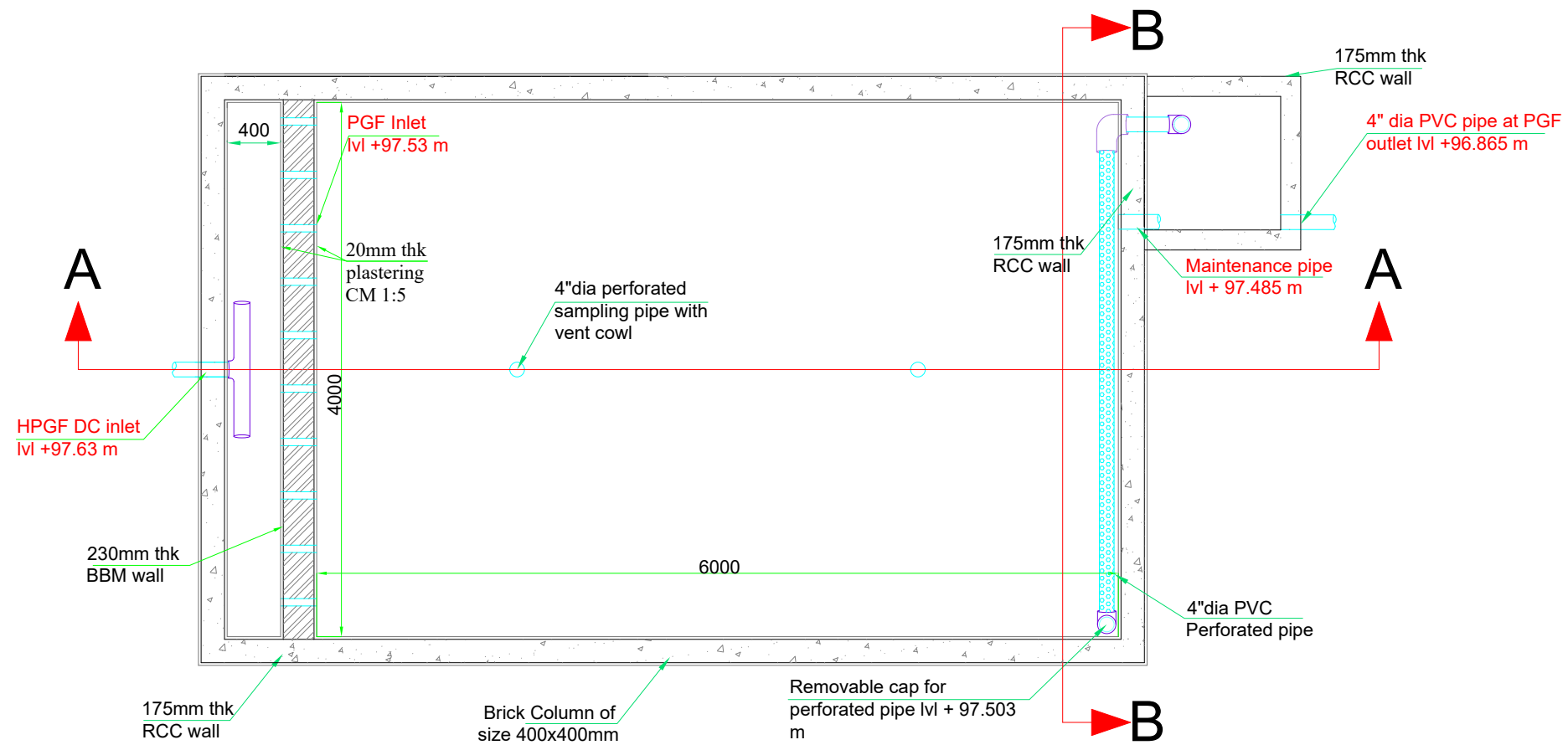
DRG. No.
SDL-FSTP-HD-ISAF-01(Dwg 08 of 21)

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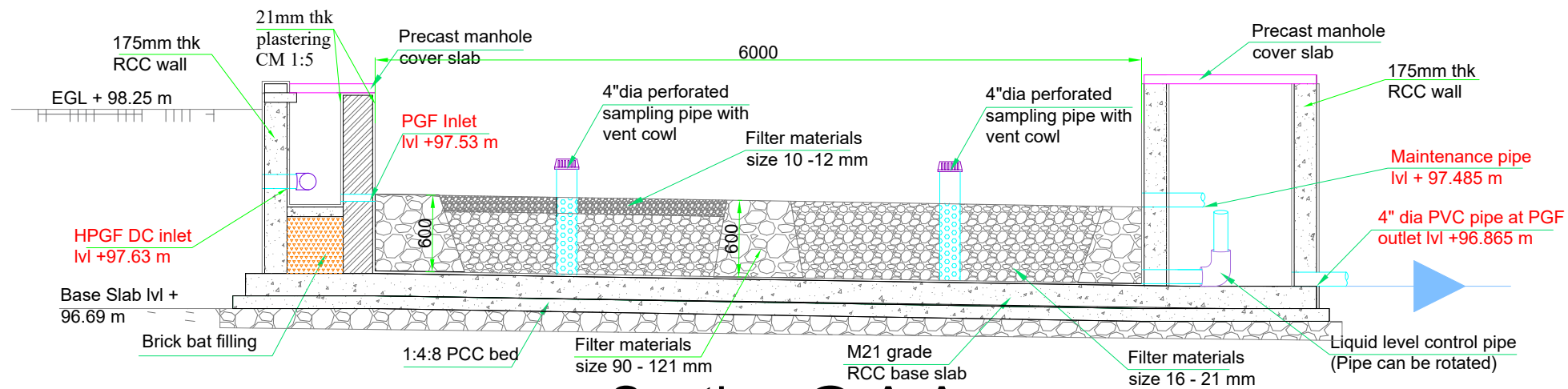
CLIENT:
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 Survey No.215, Opp. Beedi Workers Colony, Kommaghatta Road, Bandemath BANGALORE - 560 060 KARNATAKA.

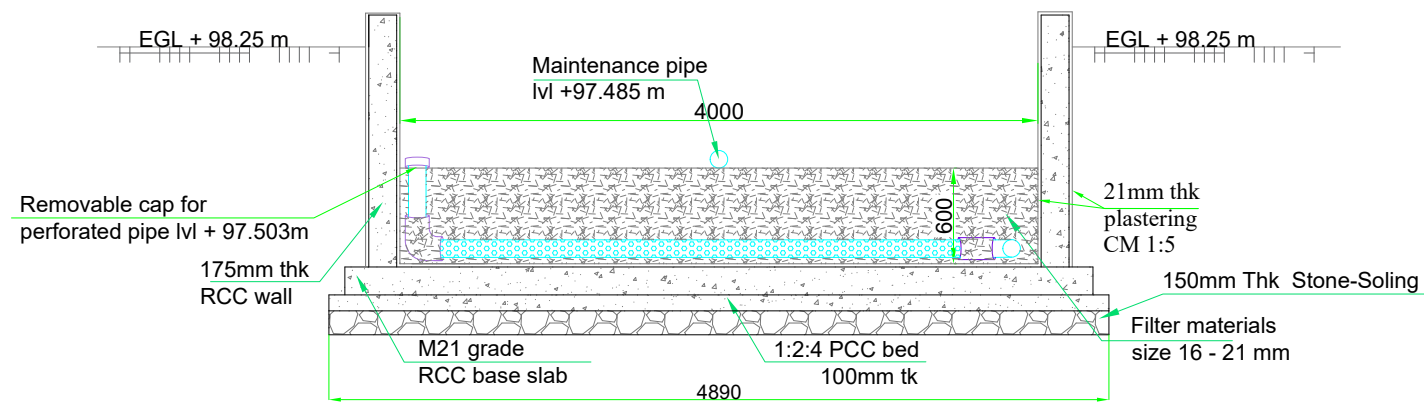
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Plan of Planted Gravel Filter



Section @ A-A



Section @ B-B

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TITLE
 PLANTED GRAVEL FILTER: Sectional plan & Section AA and BB

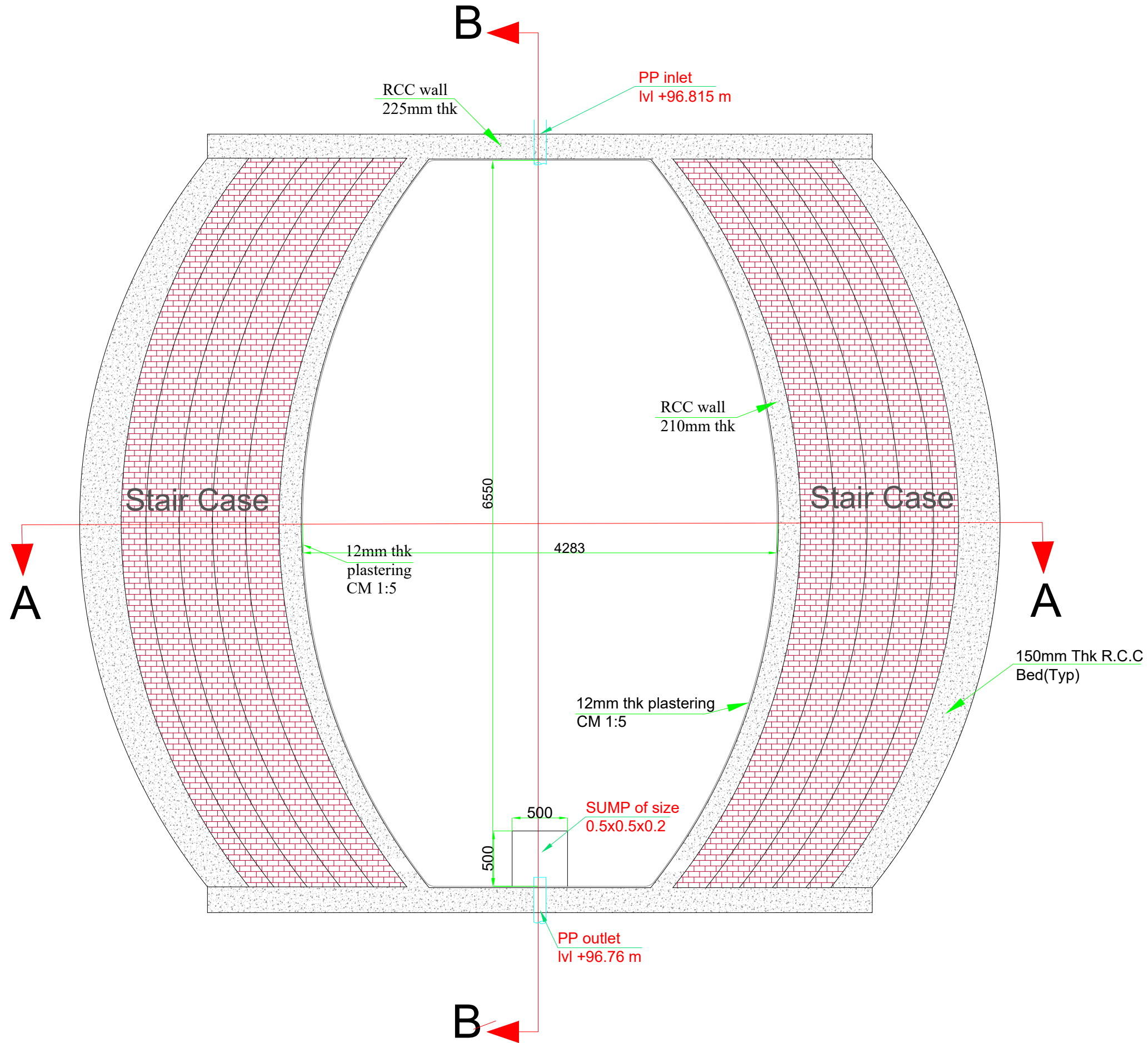
DRG. No.
 SDL-FSTP-HD-PGF-01(Dwg 10 of 21)

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Plan of Polishing Pond

Faecal Sludge Treatment Plant

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REVISIONS


DATE	REMARKS	SIGNATURE

TITLE
POLISHING POND: Plan

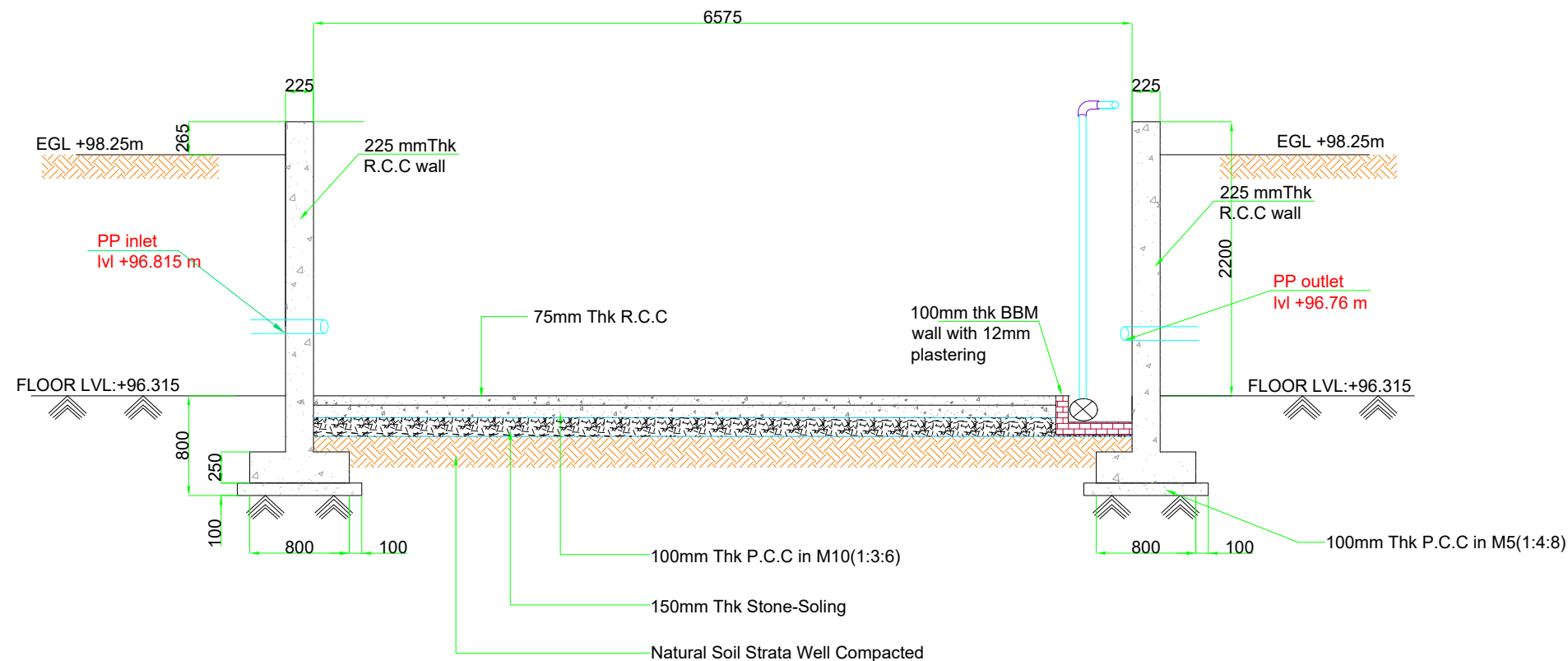
DRG. No.
SDL-FSTP-HD-PP-01(Dwg 11 of 21)

PROJECT NAME
FSTP- Sadul shahar, Rajasthan

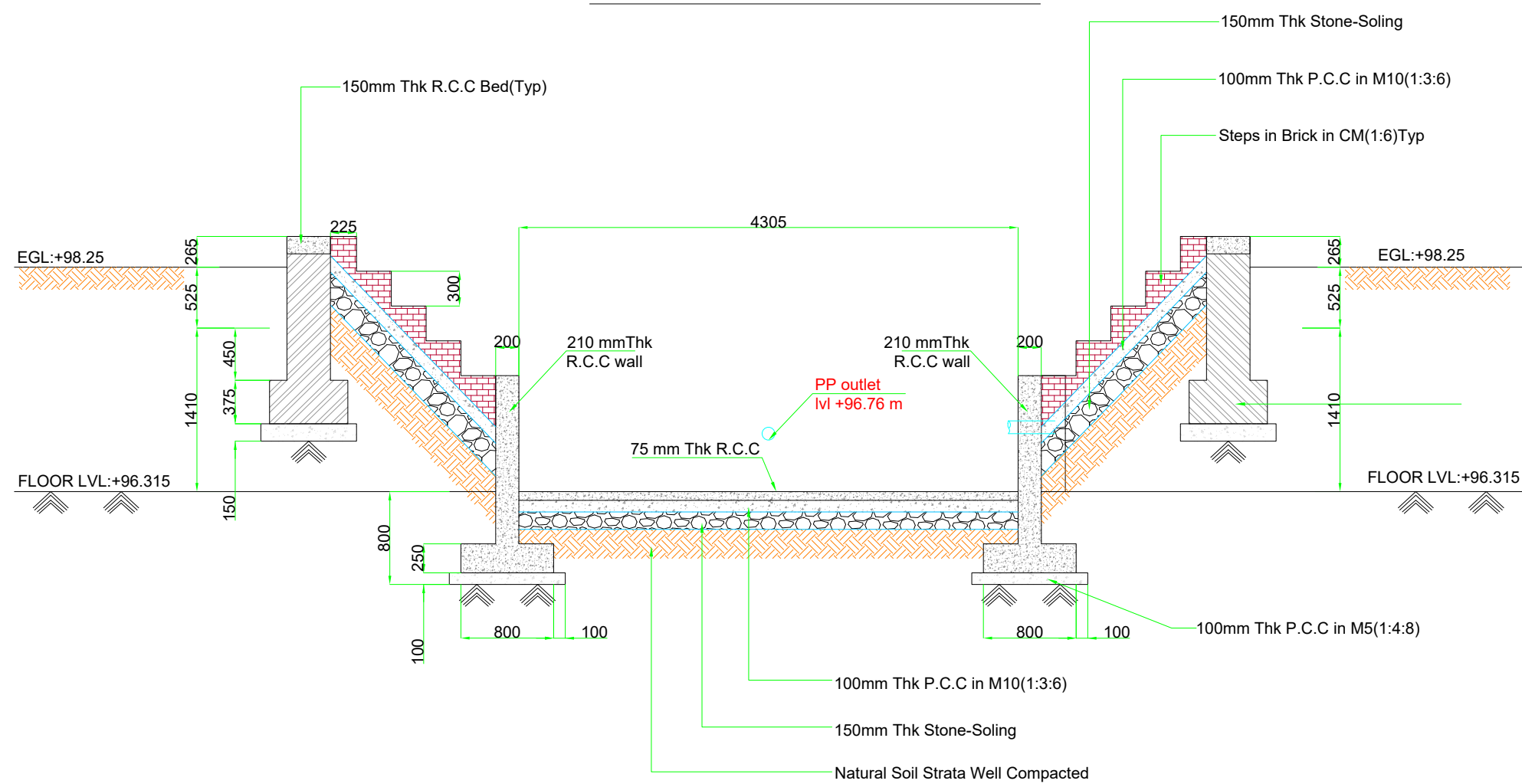
CLIENT:
DLB- Rajasthan and Nagar Palika Sadul shahar

CLIENTS CONSULTANT:
 Consortium for DEWATS Dissemination Society
 Survey No.215, Opp. Beedi Workers Colony, Kormmaghatta Road, Bandemath BANGALORE - 560 060 KARNATAKA.

DRAWN BY	CHECKED BY	APPROVED BY
Nithin A.	Praveen N.	Praveen N.
DATE	DATE	DATE
21-02-2121	21-02-2121	21-02-2121
SCALE: NTP	SHEET 11 OF 21 SHEETS	



Cross Section of B-B



Cross Section of A-A

Faecal Sludge Treatment Plant

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REVISIONS


DATE	REMARKS	SIGNATURE

TITLE
POLISHING POND: Sections AA and BB

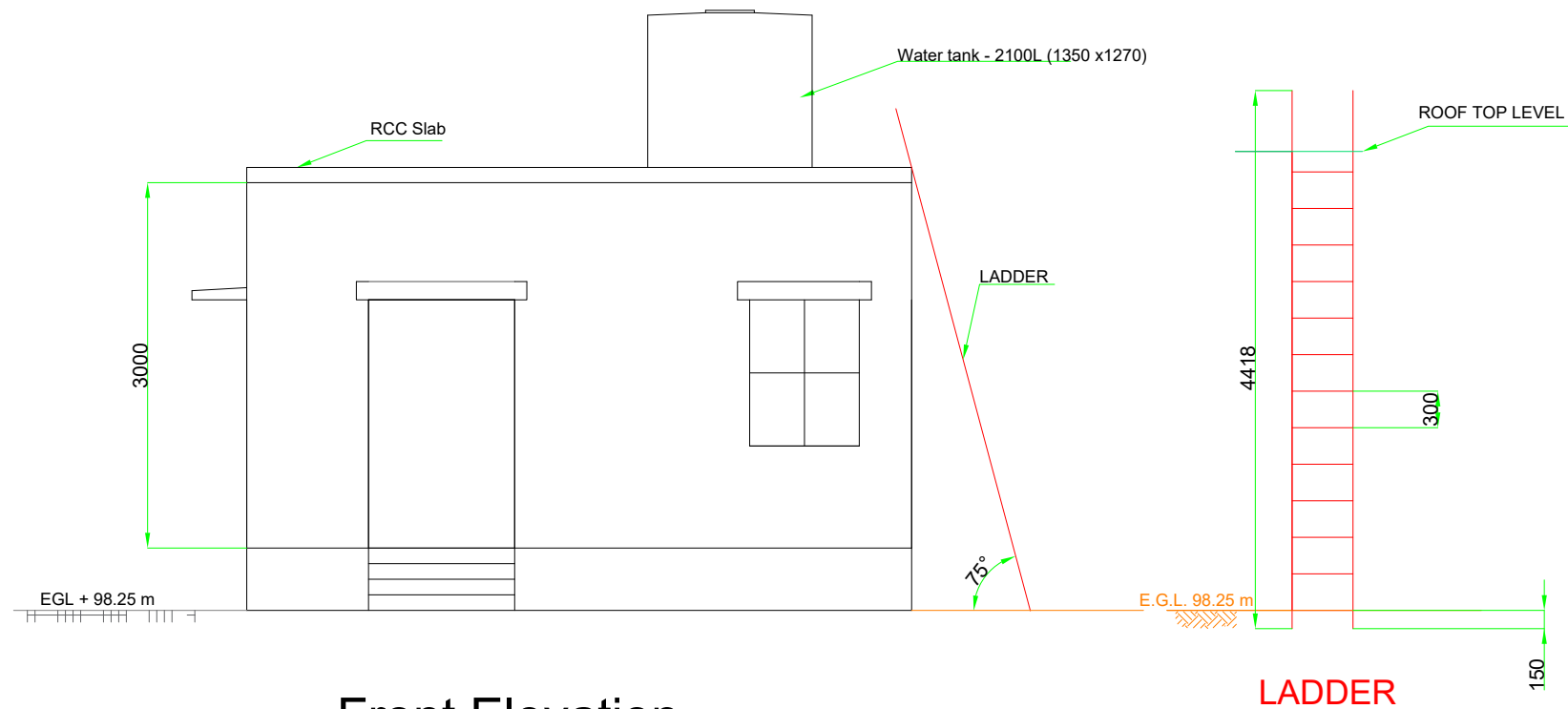
DRG. No.
SDL-FSTP-HD-PP-02(Dwg 12 of 21)

PROJECT NAME
FSTP- Sadul shahar, Rajasthan

CLIENT:
DLB- Rajasthan and Nagar Palika
Sadul shahar

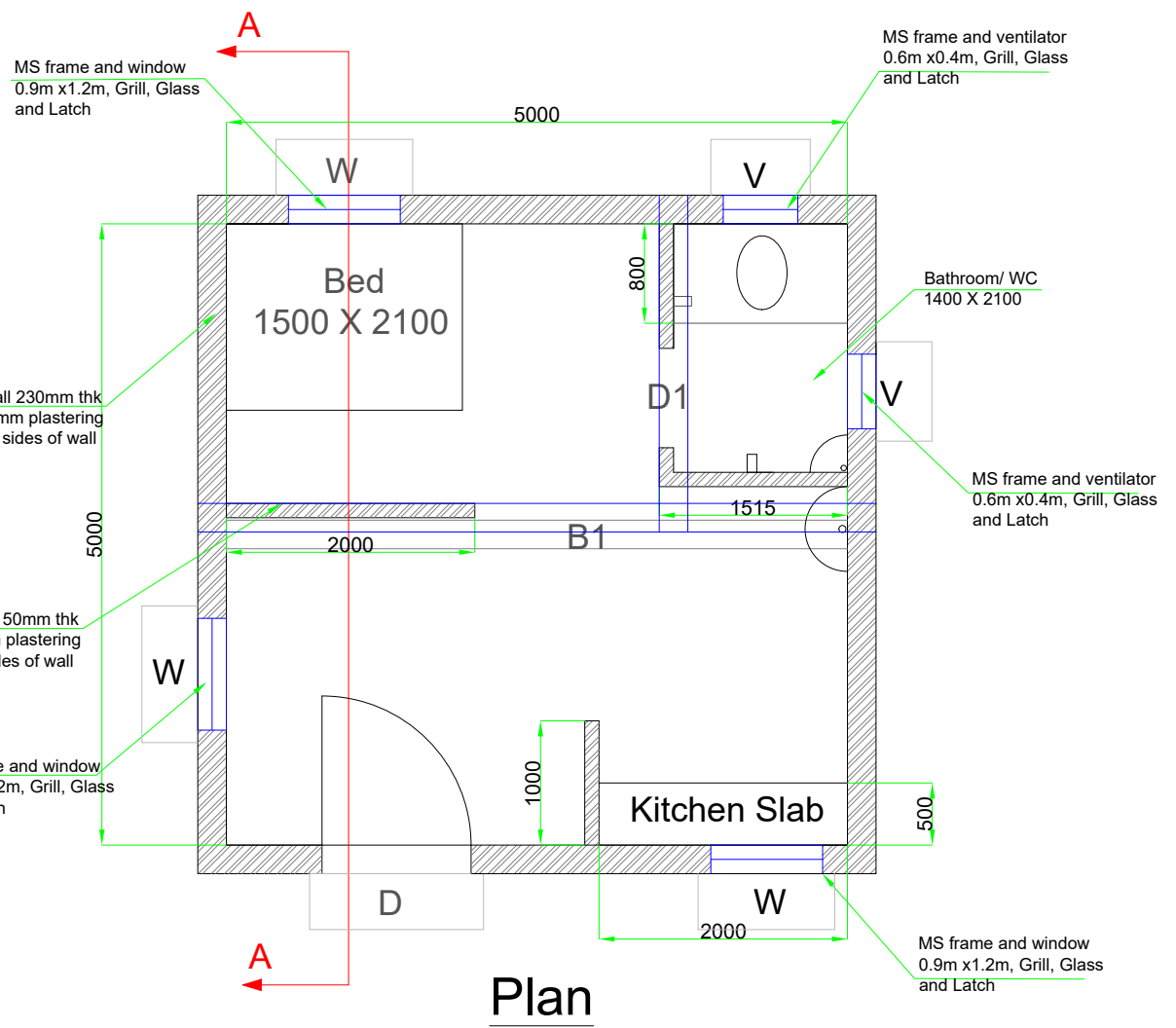
CLIENTS CONSULTANT:
 Consortium for DEWATS Dissemination Society
 Survey No.215,
 Opp. Beedi Workers Colony,
 Kammaghatta Road, Bandemath
 BANGALORE - 560 060
 KARNATAKA.

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Nithin A.	Praveen N.	Praveen N.
DATE	DATE	DATE
21-02-2121	21-02-2121	21-02-2121
SCALE: NTP	SHEET 12 OF 21 SHEETS	

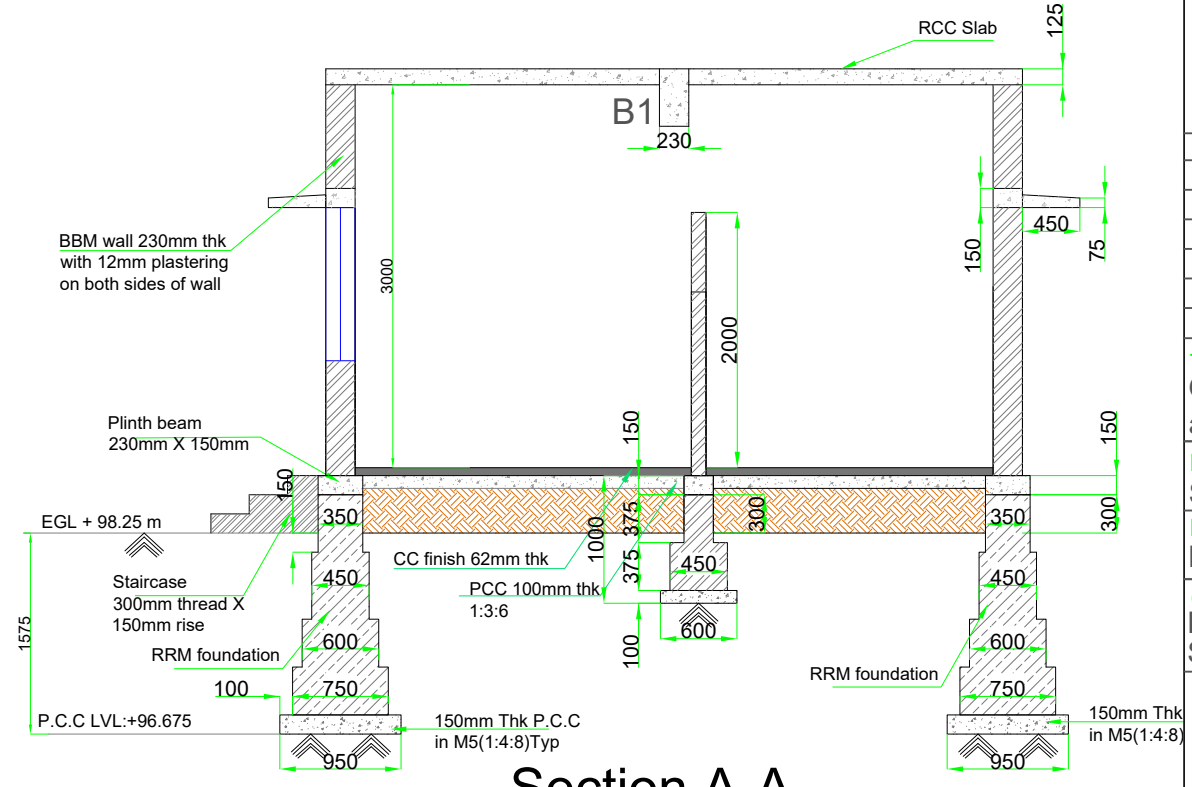


D- Door - 1210 X 2100
 D1- Bathroom door - 800 X 2100
 W- Window - 900 X 1210
 V- Ventilator- 600 X 400
 (500 mm below bottom of the roof)

Front Elevation



Plan



Section A-A

Faecal Sludge Treatment Plant

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REVISIONS


DATE	REMARKS	SIGNATURE

TITLE
 OPERATOR ROOM: Elevation, Sections and Plan

DRG. No.
 SDL-FSTP-OR-01(Dwg 13 of 21)

PROJECT NAME
 FSTP- Sadul shahar, Rajasthan

CLIENT:
 DLB- Rajasthan and Nagar Palika Sadul shahar

CLIENTS CONSULTANT:
 Consortium for DEWATS Dissemination Society
 Survey No.215, Opp. Beedi Workers Colony, Kommaghatta Road, Bandemath BANGALORE - 560 060 KARNATAKA.

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Nithin A.	Praveen N.	Praveen N.
DATE	DATE	DATE
21-02-2121	21-02-2121	21-02-2121
SCALE: NTP	SHEET 13 OF 21 SHEETS	

Faecal Sludge Treatment Plant

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REVISIONS


DATE	REMARKS	SIGNATURE

TITLE
SLUDGE STORAGE YARD: Sections, Plan and foundation details

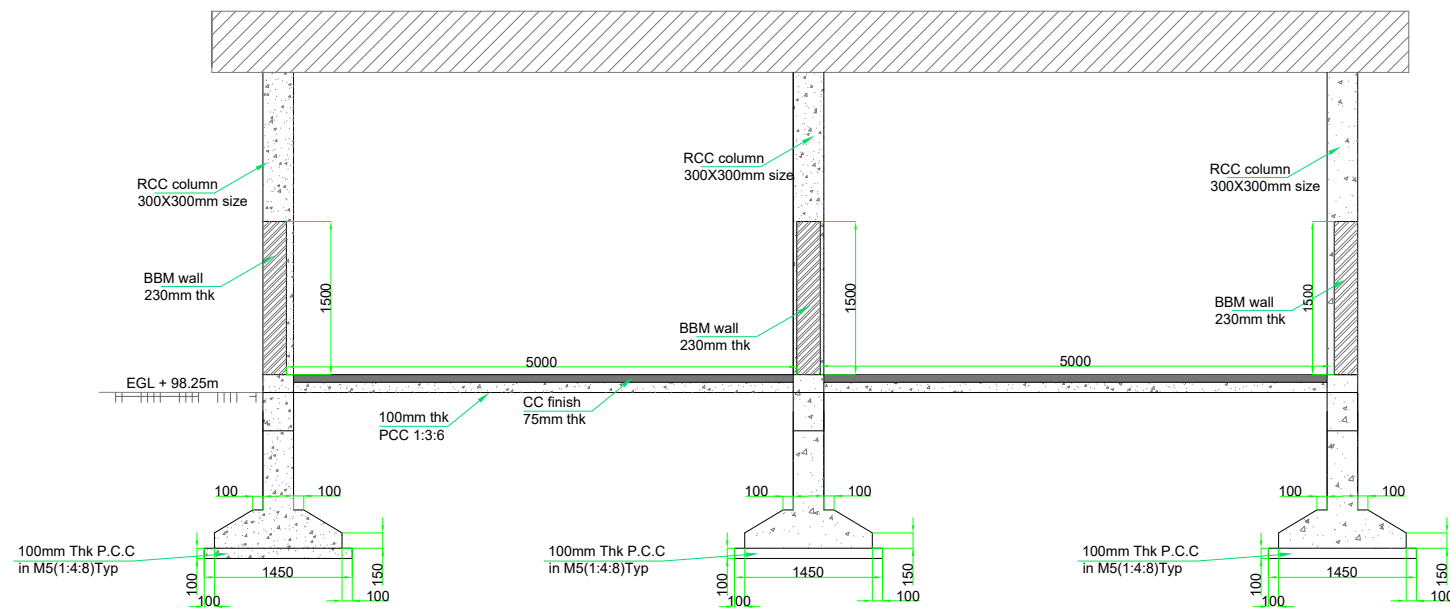
DRG. No.
SDL-FSTP-CD-SSY-01(Dwg 15 of 21)

PROJECT NAME
FSTP- Sadul shahar, Rajasthan

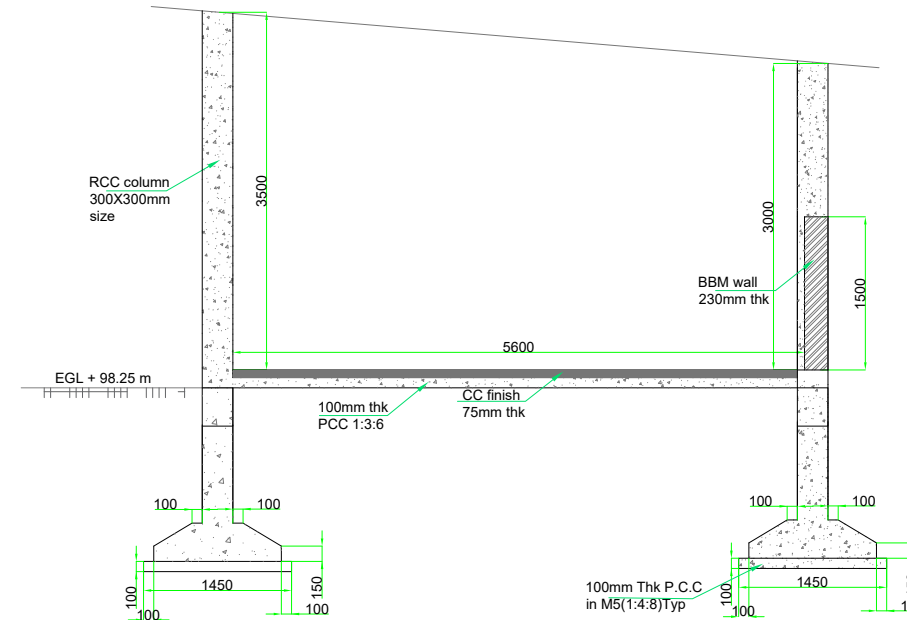
CLIENT:
DLB- Rajasthan and Nagar Palika Sadul shahar

CLIENTS CONSULTANT:
 Consortium for DEWATS Dissemination Society
 Survey No.215, Opp. Beedi Workers Colony, Kammaghatta Road, Bandemath BANGALORE - 560 060 KARNATAKA.

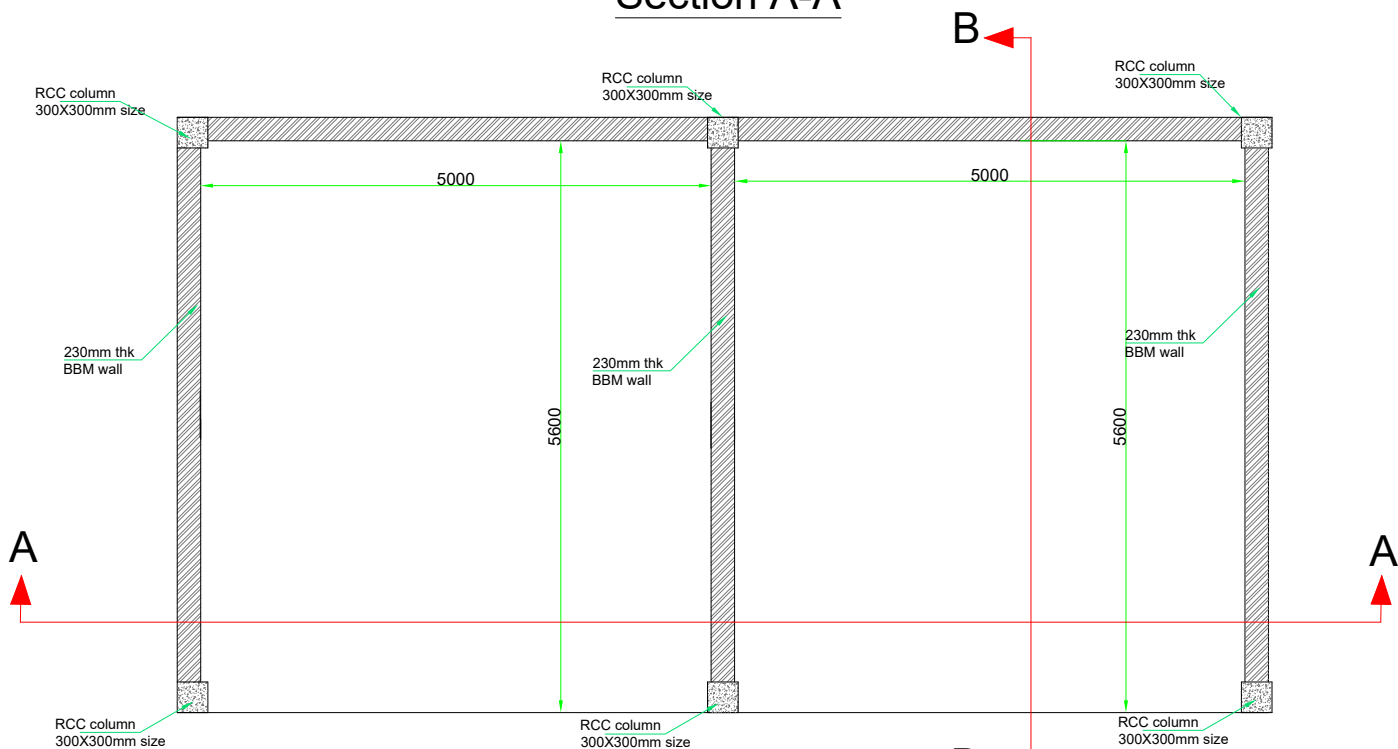
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Nithin A.	Praveen N.	Praveen N.
DATE	DATE	DATE
21-02-2121	21-02-2121	21-02-2121
SCALE: NTP	SHEET 14 OF 21 SHEETS	



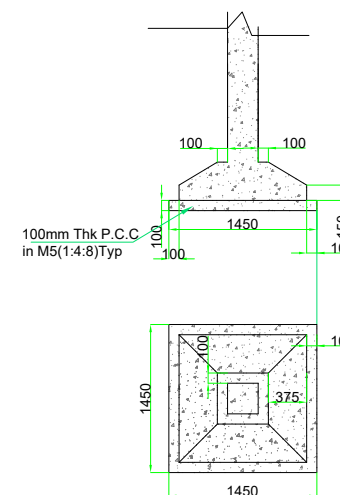
Section A-A



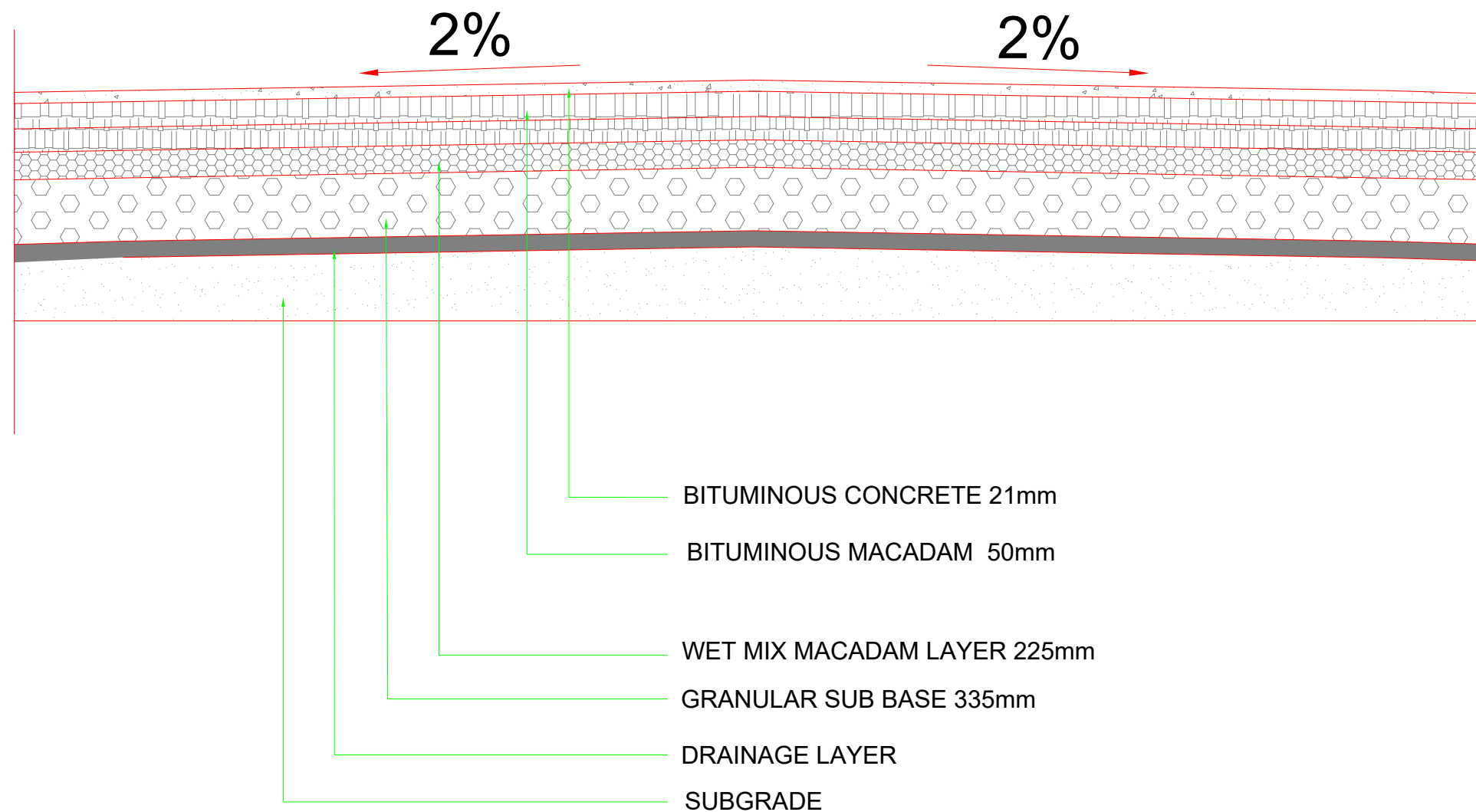
Section B-B



Plan



Foundation details



Faecal Sludge Treatment Plant

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REVISIONS

DATE	REMARKS	SIGNATURE

TITLE
BITUMINOUS ROAD: Typical Section

DRG. No.
SDL-FSTP-CD-RD-01(Dwg 16 of 21)

PROJECT NAME
FSTP- Sadul shahar, Rajasthan

CLIENT:
DLB- Rajasthan and Nagar Palika
Sadul shahar

CLIENTS CONSULTANT:

Consortium for
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Nithin A.	Praveen N.	Praveen N.
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21-02-2121	21-02-2121	21-02-2121
SCALE: NTP	SHEET 15 OF 21 SHEETS	

Faecal Sludge Treatment Plant

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REVISIONS


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TITLE
REGISTERS: Sections

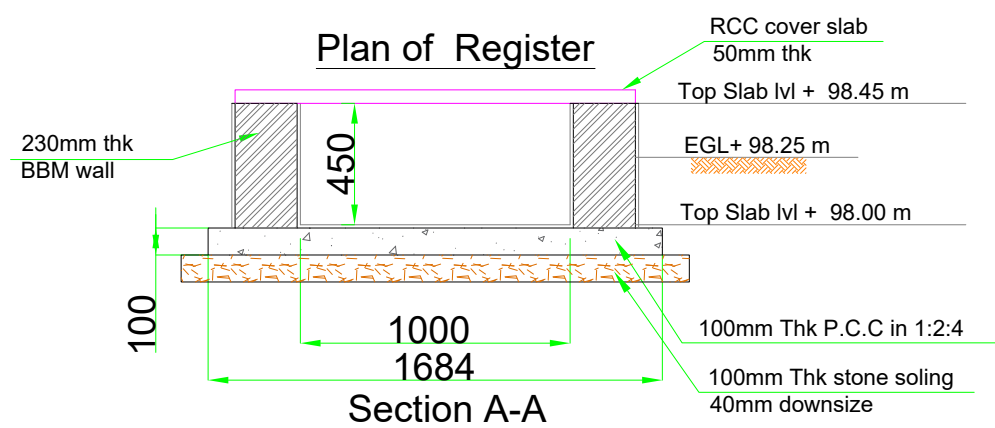
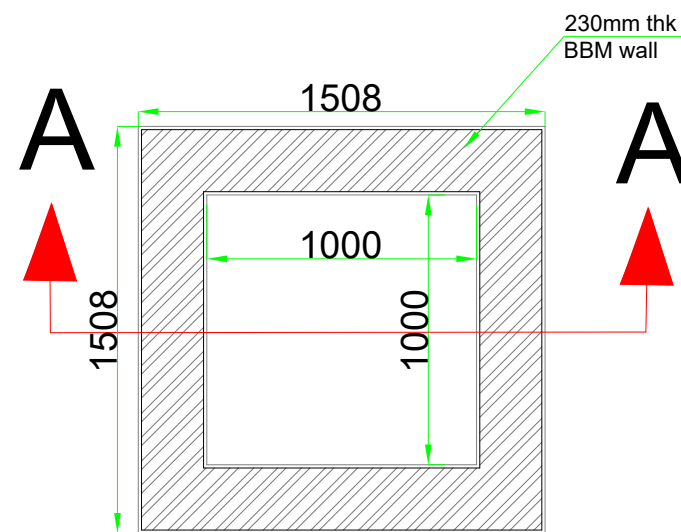
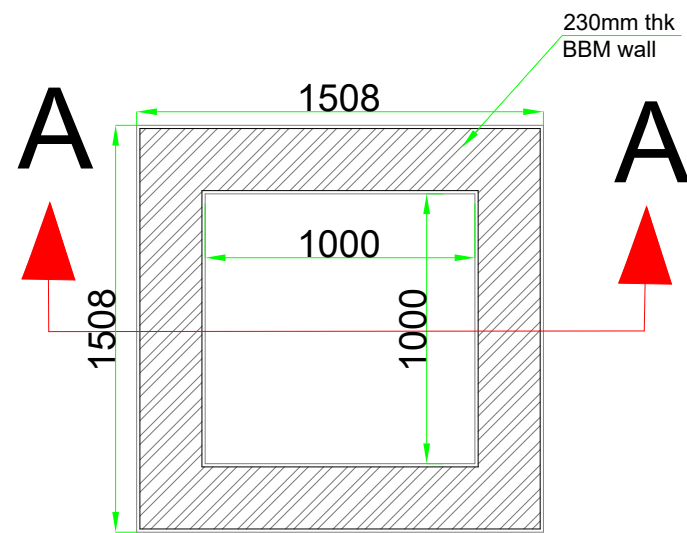
DRG. No.
SDL-FSTP-CD-REG-01(Dwg 17 of 21)

PROJECT NAME
FSTP- Sadul shahar, Rajasthan

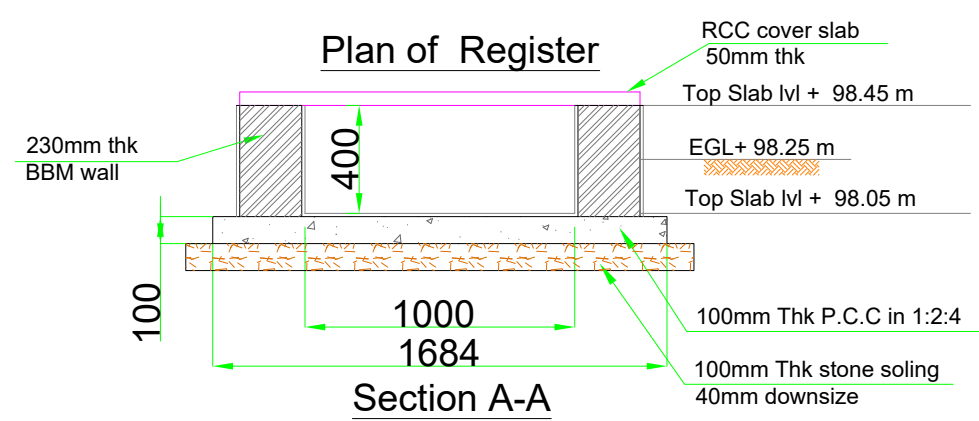
CLIENT:
DLB- Rajasthan and Nagar Palika
Sadul shahar

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SCALE: NTP	SHEET 16 OF 21 SHEETS	

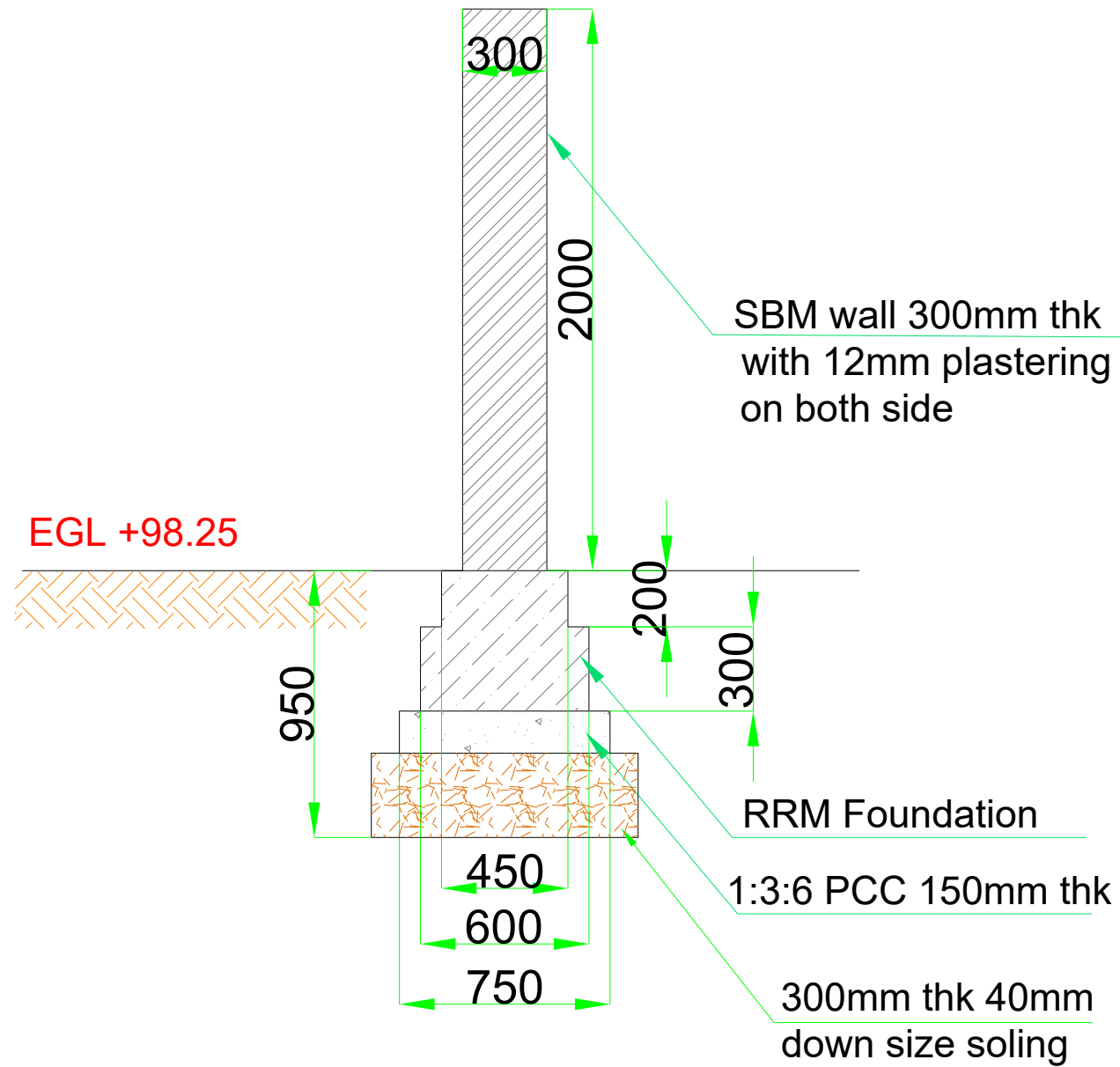


R7



R8 & R9

TOTAL WALL LENGTH: 173m



Faecal Sludge Treatment Plant

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REVISIONS


DATE	REMARKS	SIGNATURE

TITLE
COMPOUND WALL: Section

DRG. No.
SDL-FSTP-CD-CW-01(Dwg 18 of 21)

PROJECT NAME
FSTP- Sadul shahar, Rajasthan

CLIENT:
DLB- Rajasthan and Nagar Palika
Sadul shahar

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Nithin A.	Praveen N.	Praveen N.
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21-02-2121	21-02-2121	21-02-2121
SCALE: NTP	SHEET 21 OF 21 SHEETS	



— Existing compound wall
— Proposed compound wall

Faecal Sludge Treatment Plant

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TITLE
COMPOUND WALL: Plan

DRG. No.
SDL-FSTP-CD-CW-02(Dwg 19 of 21)

PROJECT NAME
FSTP- Sadul shahar, Rajasthan

CLIENT:
DLB- Rajasthan and Nagar Palika
Sadul shahar

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DATE	DATE	DATE
21-02-2121	21-02-2121	21-02-2121

SCALE: NTP **SHEET** 21 **OF** 21 **SHEETS**

Faecal Sludge Treatment Plant

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DATE	REMARKS	SIGNATURE

TITLE
RAMP EMBANKMENT: Sections

DRG. No.
SDL-FSTP-CD-EMB-01(Dwg 20 of 21)

PROJECT NAME
FSTP- Sadul shahar, Rajasthan

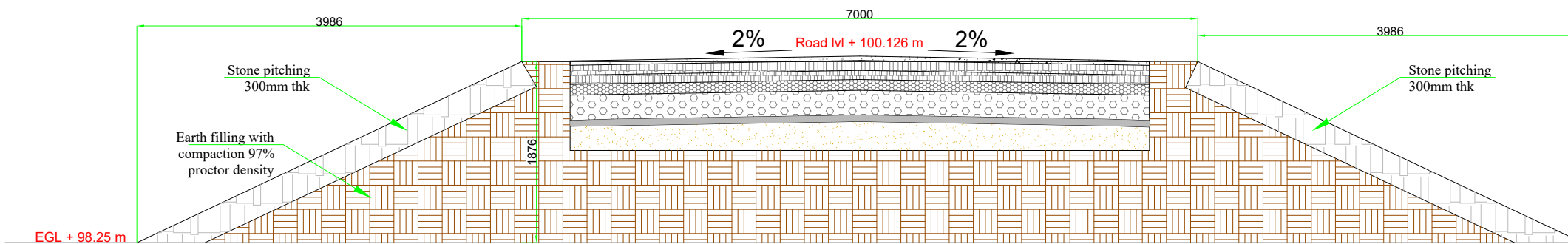
CLIENT:
DLB- Rajasthan and Nagar Palika
Sadul shahar

CLIENTS CONSULTANT:

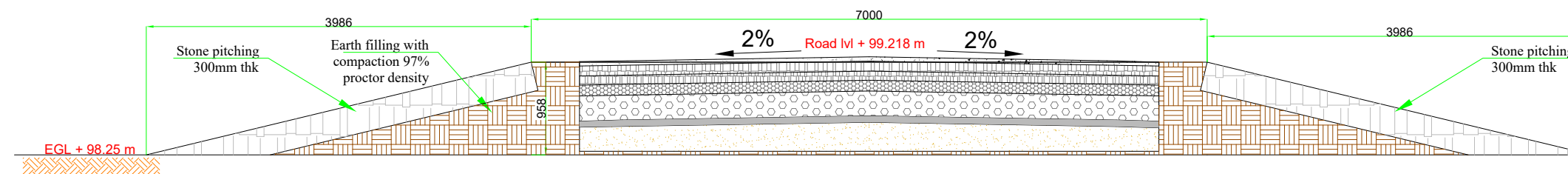
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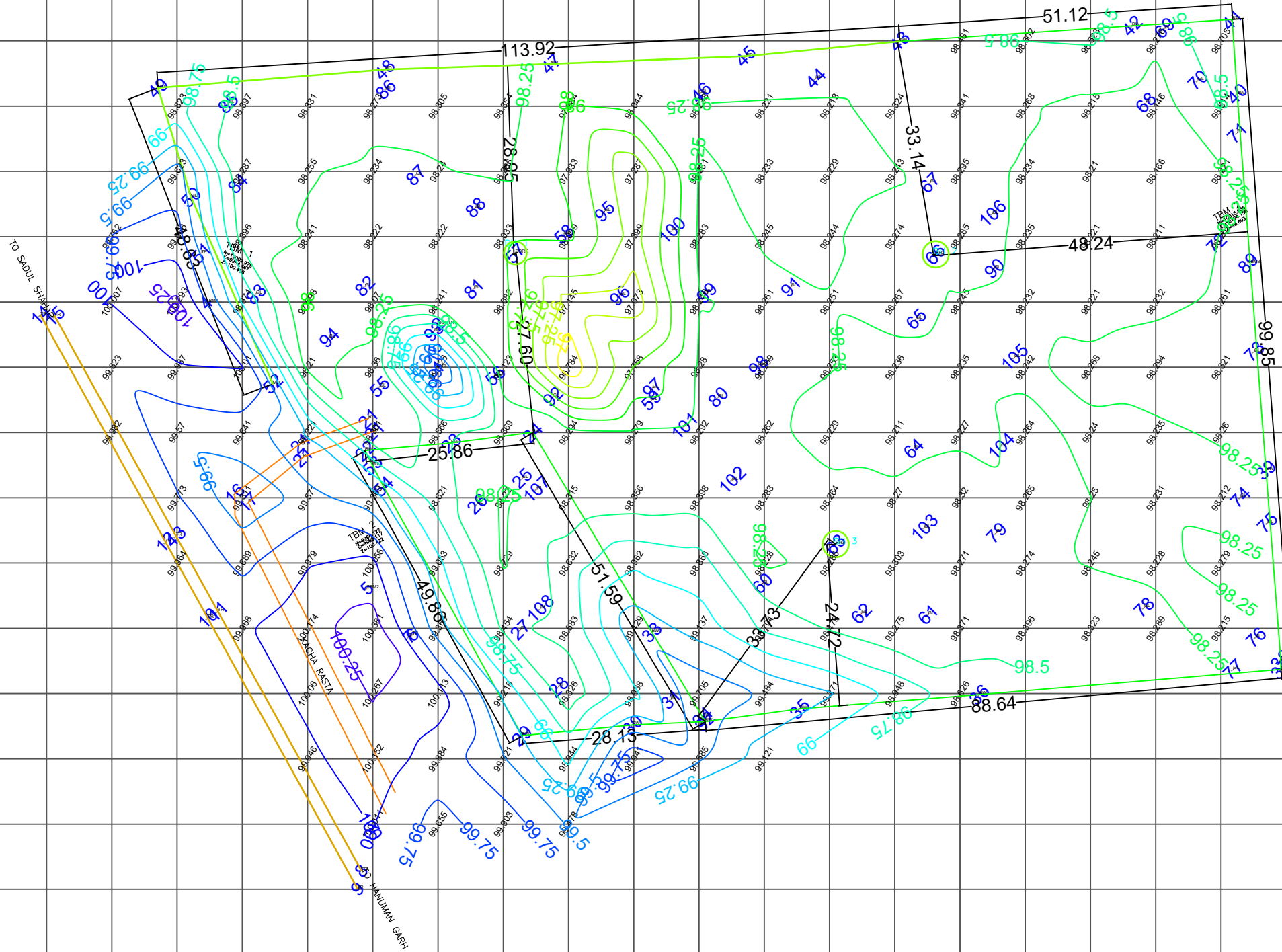
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DATE	DATE	DATE
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SCALE: NTP	SHEET 21 OF 21 SHEETS	



Cross Section of Ramp at Summit



Cross Section of Ramp at half way to summit



Faecal Sludge Treatment Plant

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LEGEND

C.C ROAD	BT ROAD	TUBE WELL
WBM ROAD	WBM ROAD	WATER LINE PIPE
BUILDING	K.RASTA	HT POLE
K.RASTA	K.RASTA	ESR(TANK)
CENTER LINE	---	LT POLE
TBM	---	SIGNAL POLE
E.P BOX	---	SIGN BOARD
CLUVERT	---	TEEN SHED
FIELD BOUNDARY	---	TELEPHONE POLE
DIVIDER	DIVIDER	TANSFORMER
STOP	---	TREE
B.T ROAD	B.T ROAD	WATER TANK
E.P. LINE	---	WELL
L.T. LINE	---	TEMPAL
FENCING	---	ELECTRIC POLE
FOOT PATH	FOOT PATH	LAMP POST
GATE	---	MAIN HOLE
H.T. LINE	---	HAND PUMP
PROJECT TOPOGHARAPICAL SURVEY SADULSHAR		Surveyed By MEGHRAJ CONSTRUCTION 77A USHA VIHAR TIRUVENI NAGAR GORPALPURA BY PASS, Jajpur - 302121 Ph.7742969777 email:-meghrajconstruction@gmail.com

REVISIONS


DATE	REMARKS	SIGNATURE

TITLE
Topography map- FSTP site- Sadulshahar

DRG. No.
SDL-FSTP-TOPO-01(Dwg 21 of 21)

PROJECT NAME
FSTP- Sadul shahar, Rajasthan

CLIENT:
DLB- Rajasthan and Nagar Palika
Sadul shahar

CLIENTS CONSULTANT:
 Consortium for DEWATS Dissemination Society
 Survey No.215,
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Nithin A.	Praveen N.	Praveen N.

DATE	DATE	DATE
21-02-2121	21-02-2121	21-02-2121

SCALE: NTP **SHEET** 21 **OF** 21 **SHEETS**