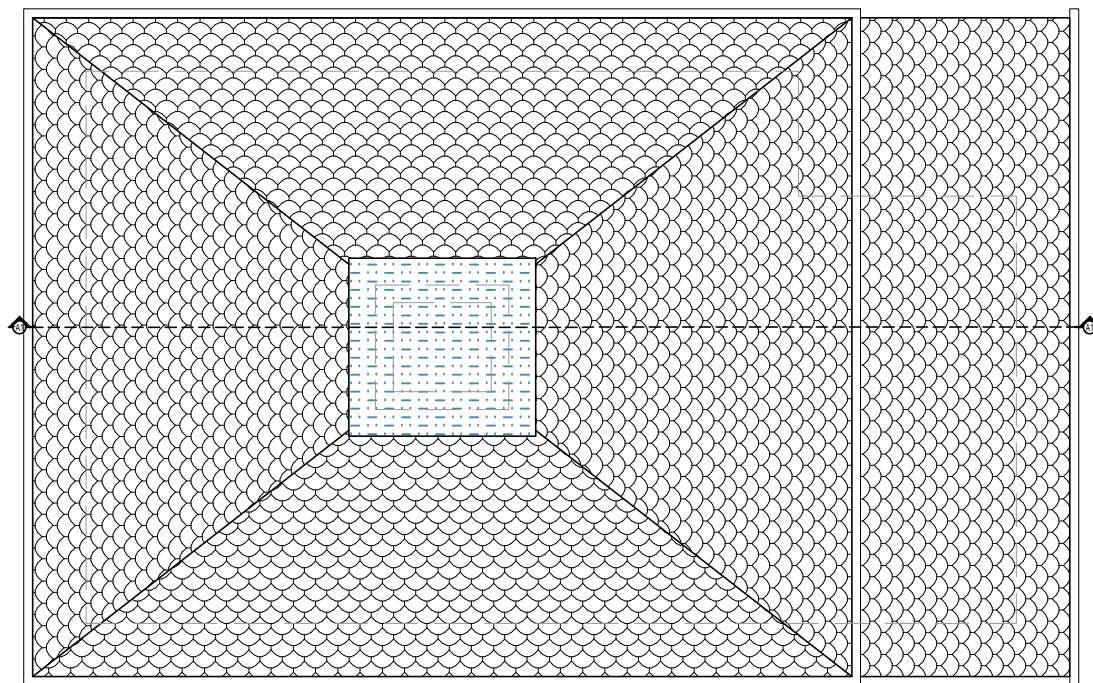
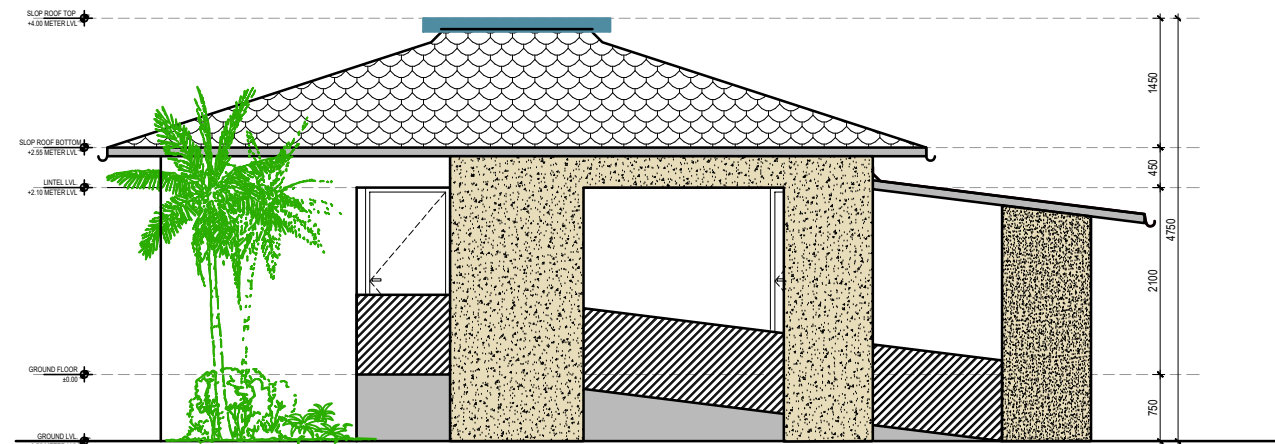


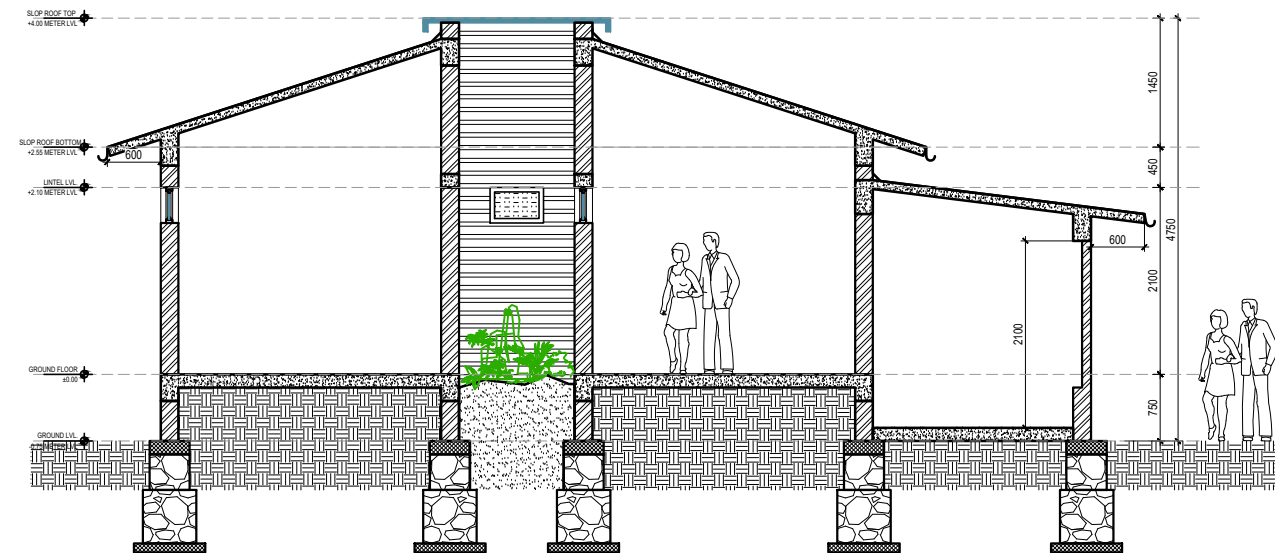
GROUND FLOOR PLAN



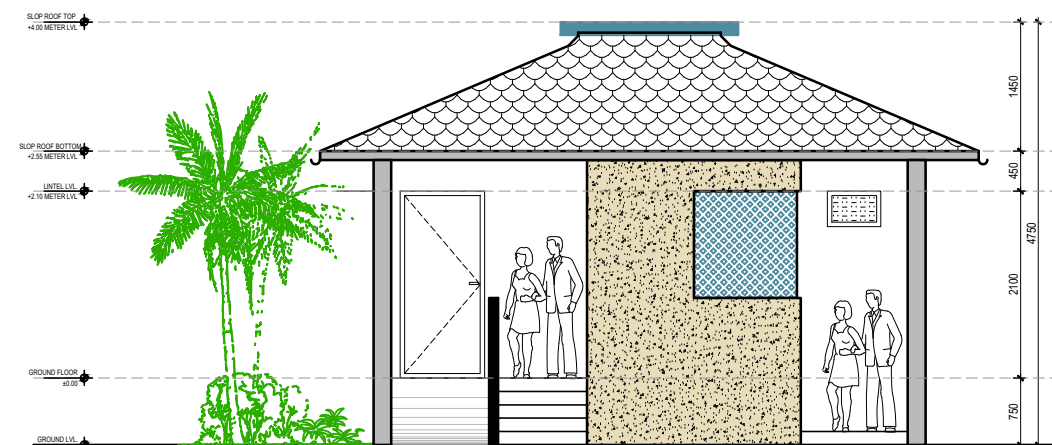
ROOF PLAN



FRONT ELEVATION



SECTION-A1

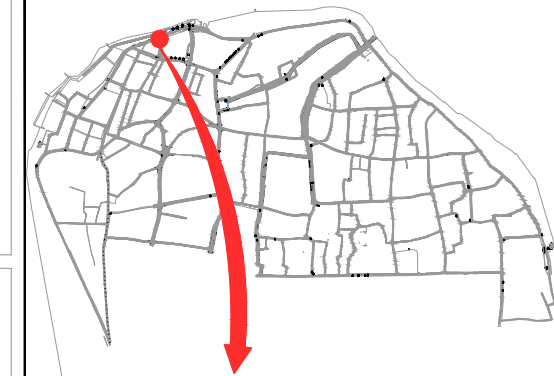


SIDE ELEVATION

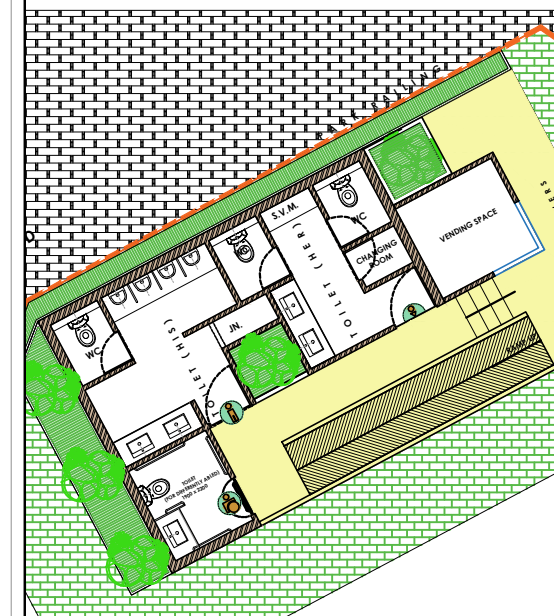
NOTE:

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5. DISCREPANCY IF ANY SHOULD BE BROUGHTR TO THE NOTICE OF CSML OFFICE IMMEDIATELY.

KEY PLAN



TOILET COMPLEX AT NEHRU PARK



CLIENT : COCHIN SMART MISSION LIMITED
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

PMC TEAM : IPE Global & HaskoningDHV Consulting Pvt. Ltd.
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

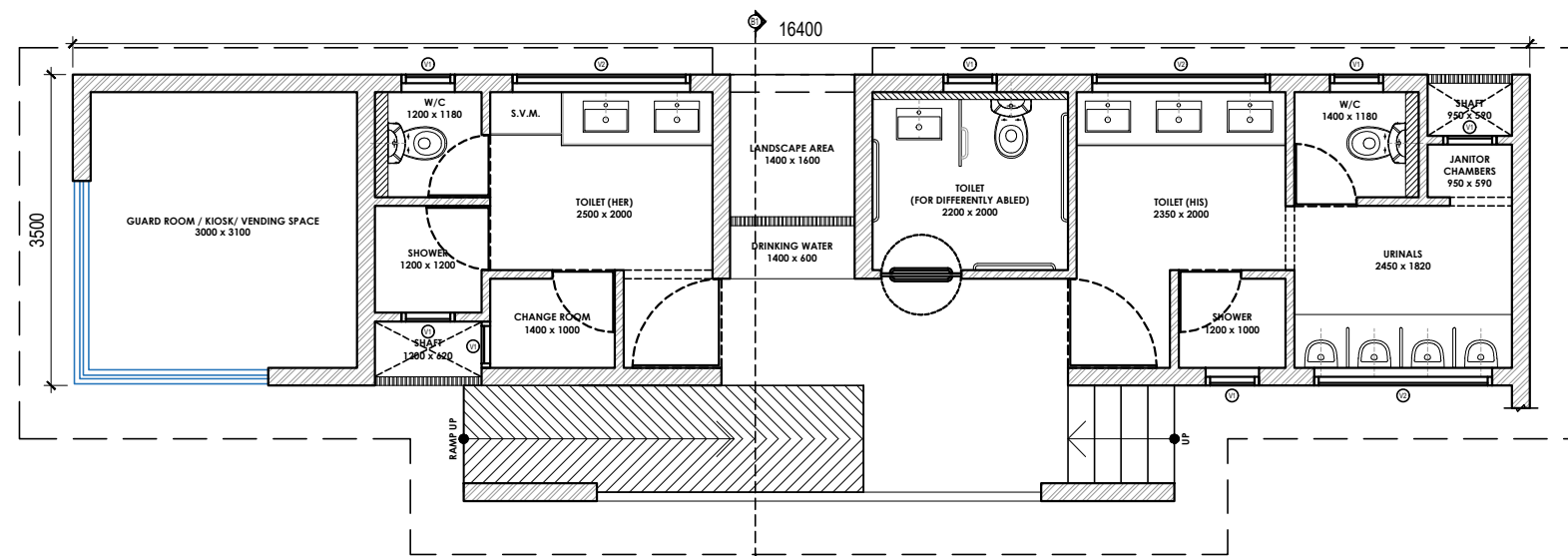
PROJECT NAME
PUBLIC TOILETS WITH FIT-IN TREATMENT FACILITY FOR
DECENTRALIZED STP IN WEST KOCHI

TITLE : TOILET COMPLEX AT NEHRU PARK

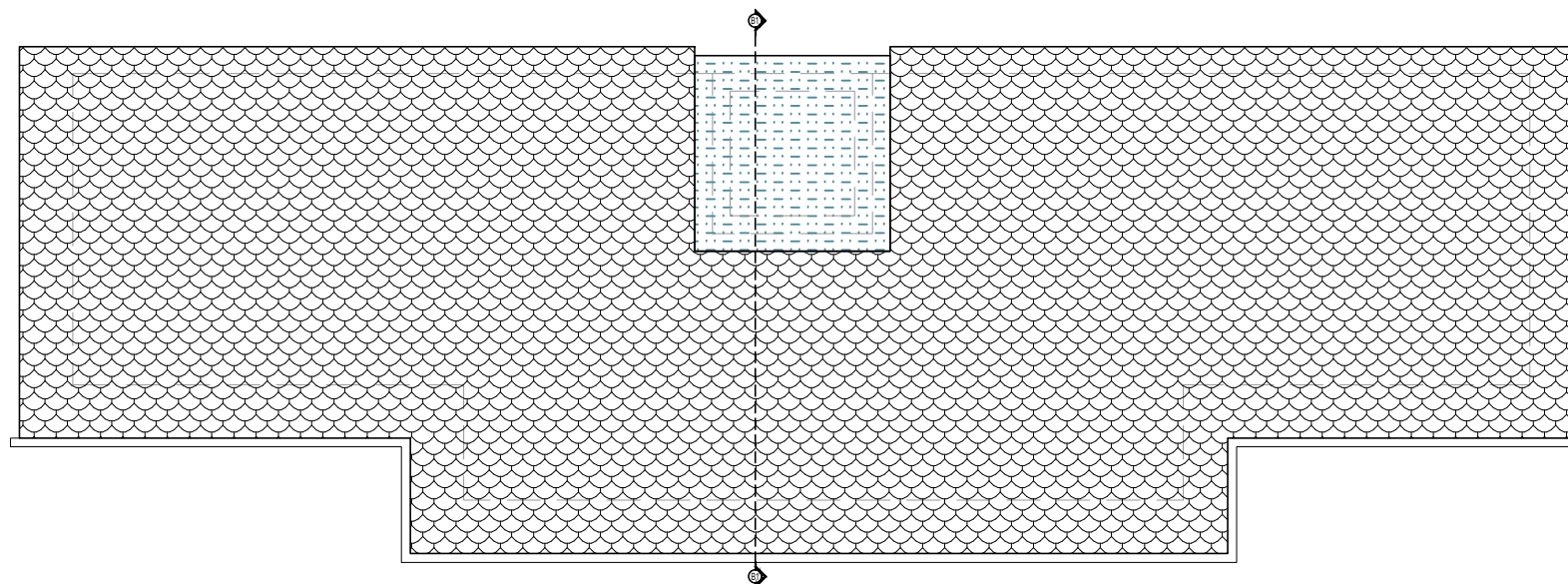
DRG NO. CSML/M7/SWS/NP-PT/AR-001 **SCALE :** 1:20 **DATE :** 05-02-2019

Drawn BY	Design BY	Checked BY	REVISION
UNNI	RAMANUJAM	ABHISHEK	RO

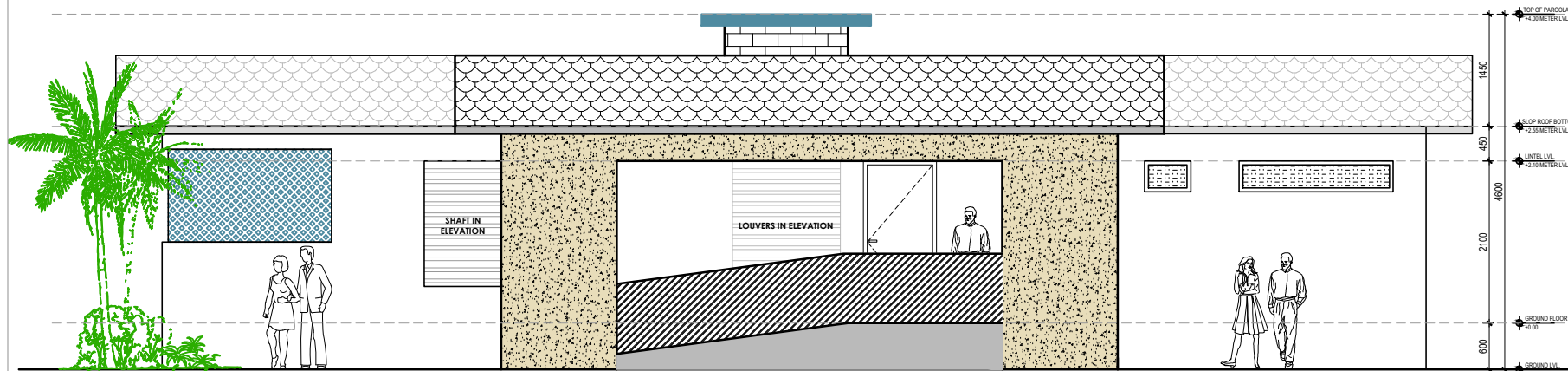
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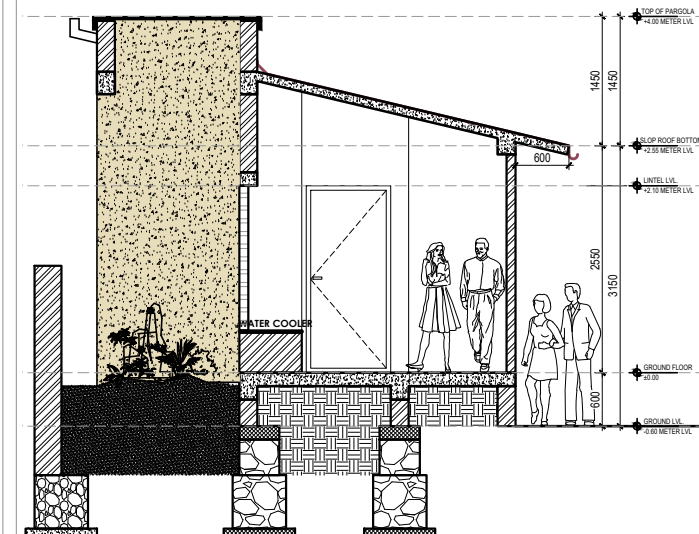
GROUND FLOOR PLAN



ROOF PLAN



FRONT ELEVATION

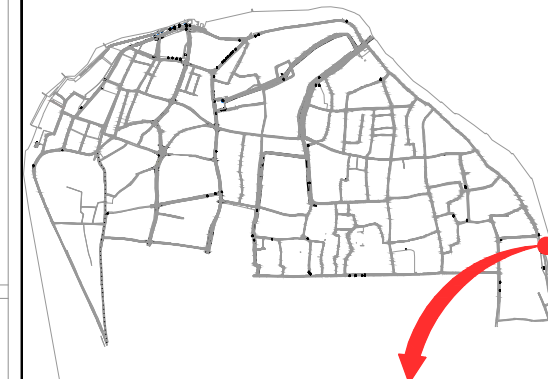


SECTION-B1

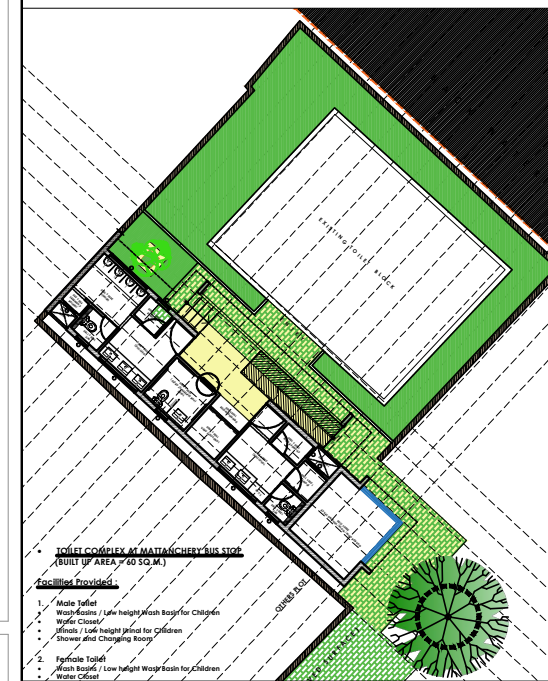
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KEY PLAN



TOILET COMPLEX AT MATTANCHERRY BUS STOP



CLIENT : COCHIN SMART MISSION LIMITED
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

PMC TEAM : IPE Global & HaskoningDHV Consulting Pvt. Ltd.
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

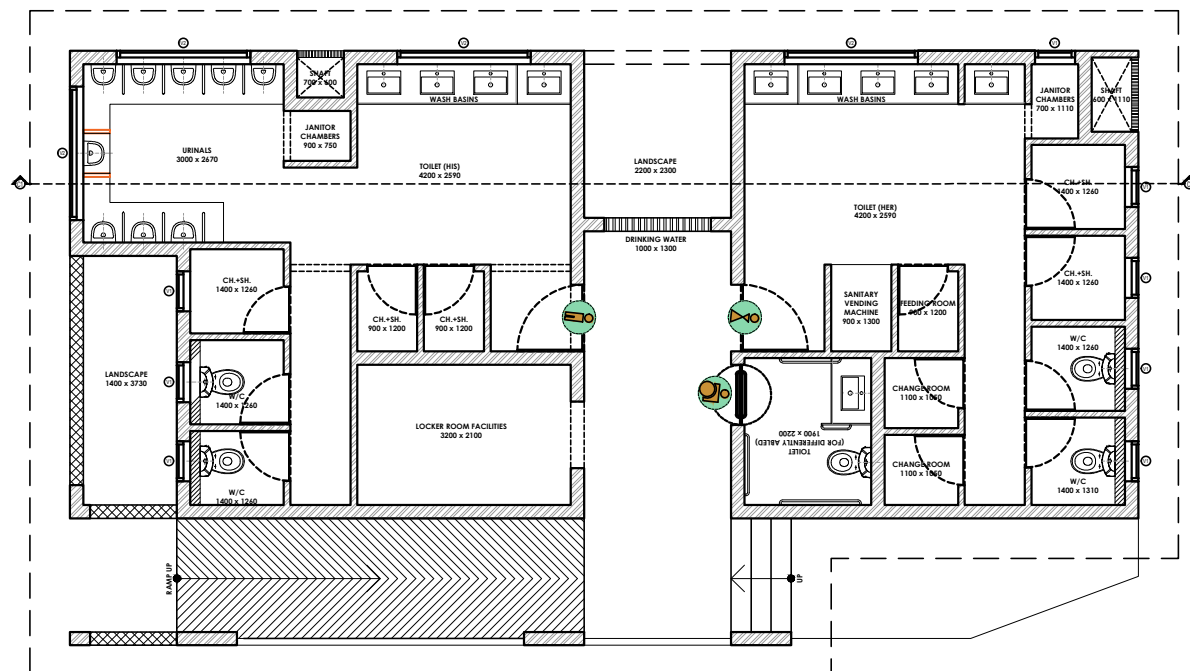
PROJECT NAME
PUBLIC TOILETS WITH FIT-IN TREATMENT FACILITY FOR
DECENTRALIZED STP IN WEST KOCHI

TITLE : TOILET COMPLEX AT MATTANCHERRY BUS STOP

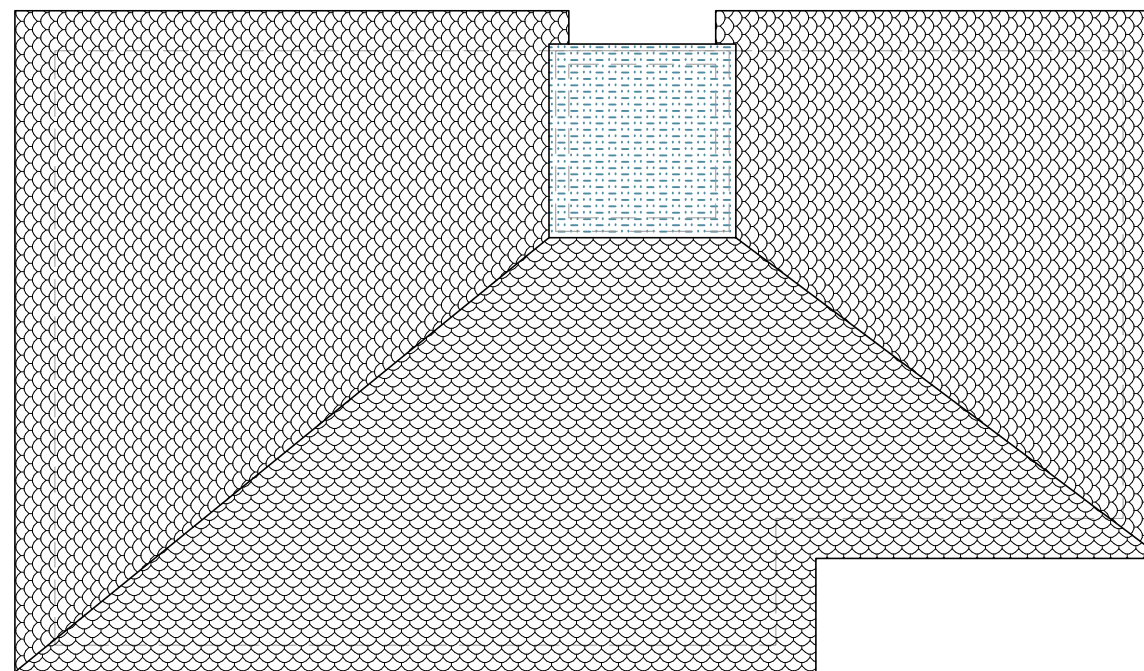
DRG NO. CSML/M7/SWS/MBS-PT/AR-001 **SCALE :** 1:20 **DATE :** 05-02-2019

Drawn BY	Design BY	Checked BY	REVISION
UNNI	RAMANUJAM	ABHISHEK	R0

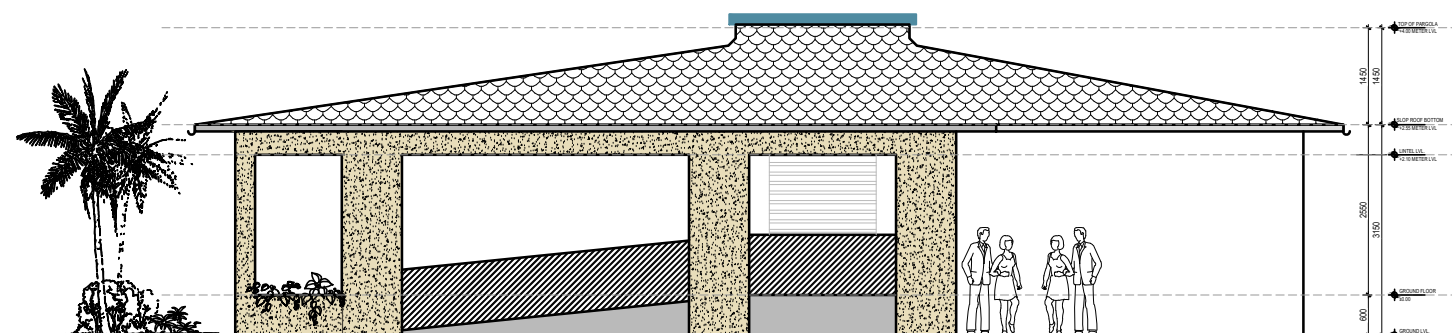
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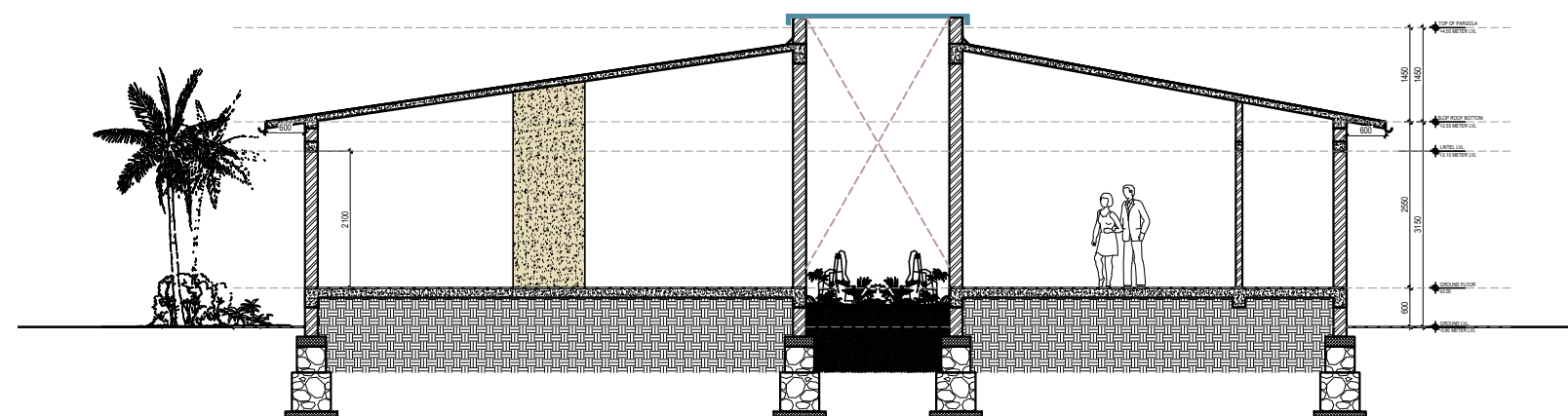
FLOOR PLAN



ROOF PLAN



FRONT ELEVATION

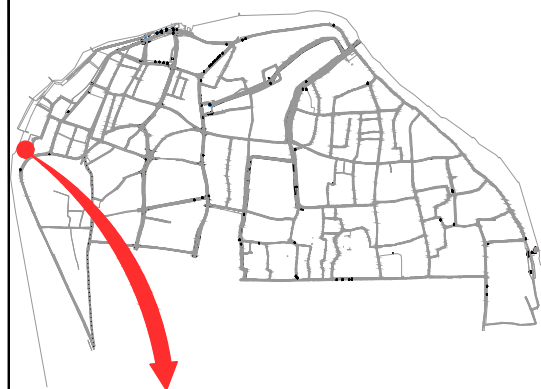


SECTION C1

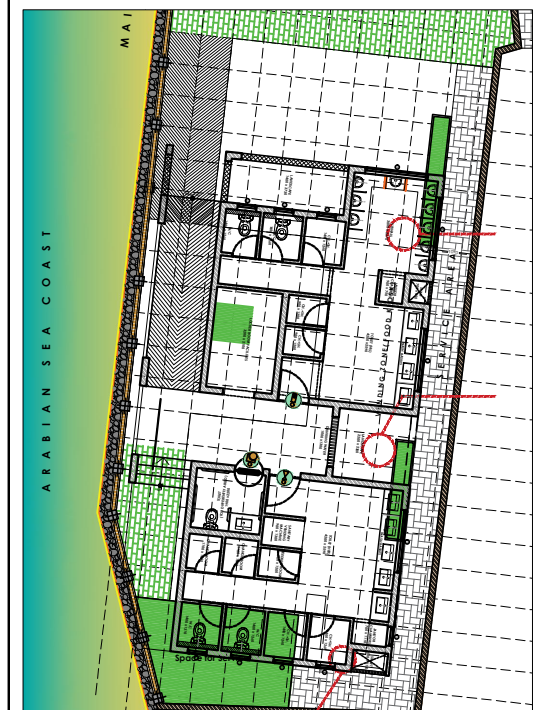
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KEY PLAN



TOILET COMPLEX WITH FOOD KIOSK AT FORT KOCHI BEACH AREA



CLIENT : COCHIN SMART MISSION LIMITED
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

PMC TEAM : IPE Global & HaskoningDHV Consulting Pvt. Ltd.
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

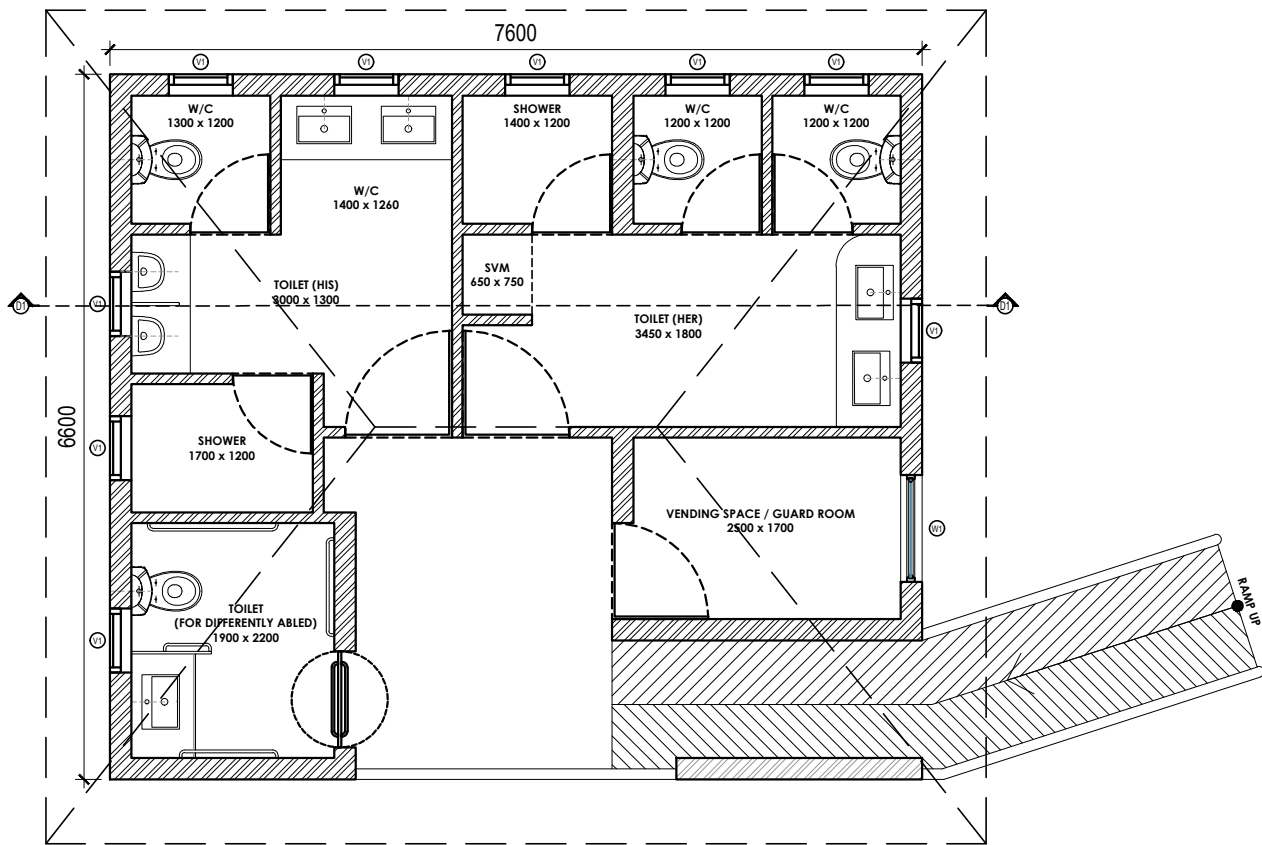
PROJECT NAME
PUBLIC TOILETS WITH FIT-IN TREATMENT FACILITY FOR
DECENTRALIZED STP IN WEST KOCHI

TITLE : TOILET COMPLEX AT FORT KOCHI BEACH AREA

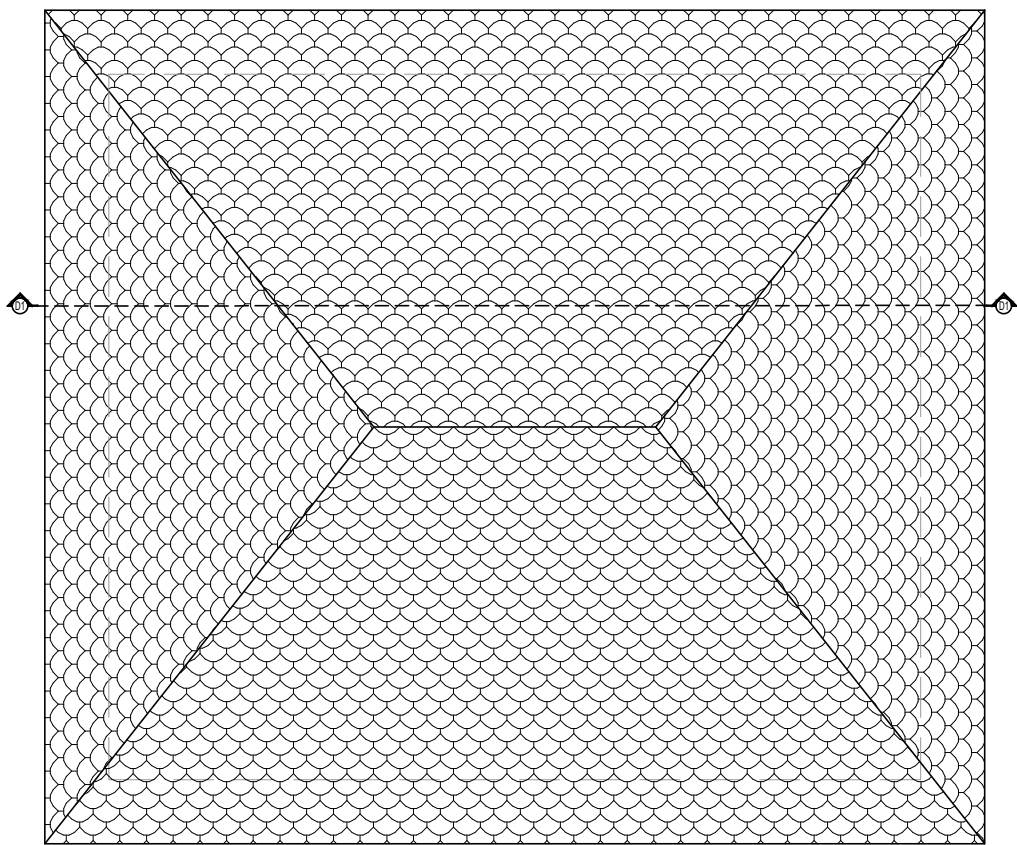
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Drawn BY	Design BY	Checked BY	REVISION
UNNI	RAMANUJAM	ABHISHEK	RO

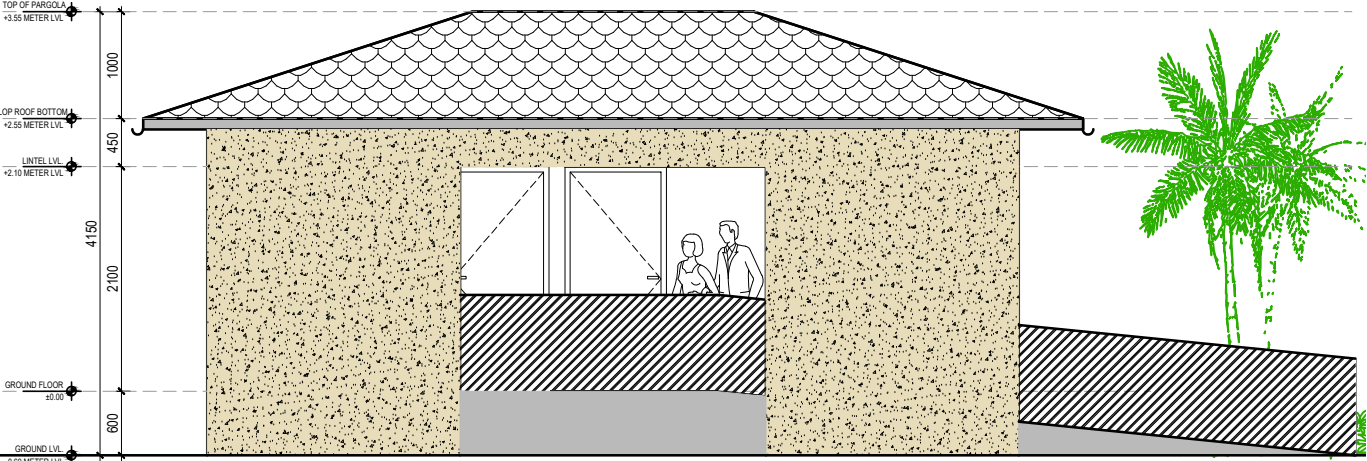
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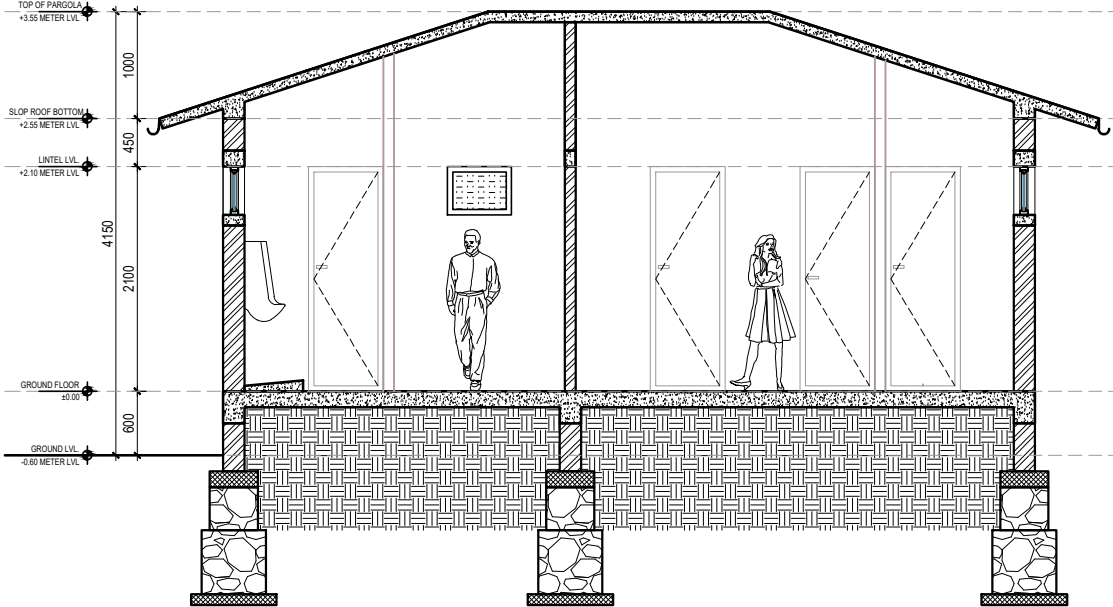
GROUND FLOOR PLAN



ROOF PLAN



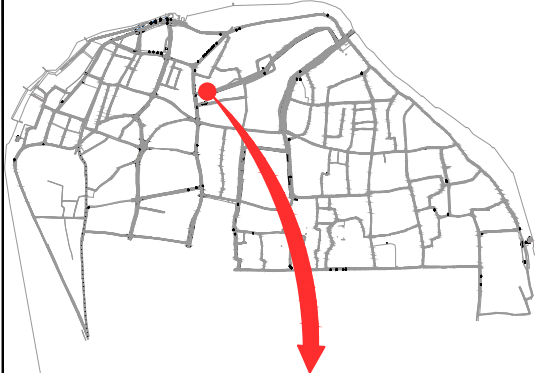
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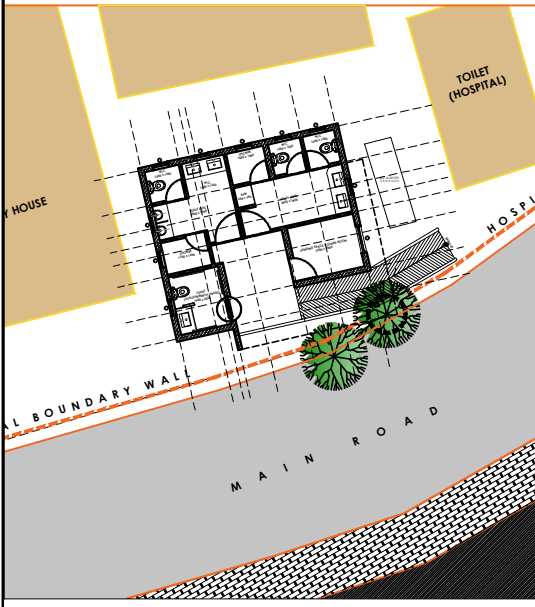
SECTION D1

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KEY PLAN



TOILET COMPLEX AT FORT KOCHI HOSPITAL



CLIENT : COCHIN SMART MISSION LIMITED
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

PMC TEAM : IPE Global & HaskoningDHV Consulting Pvt. Ltd.
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

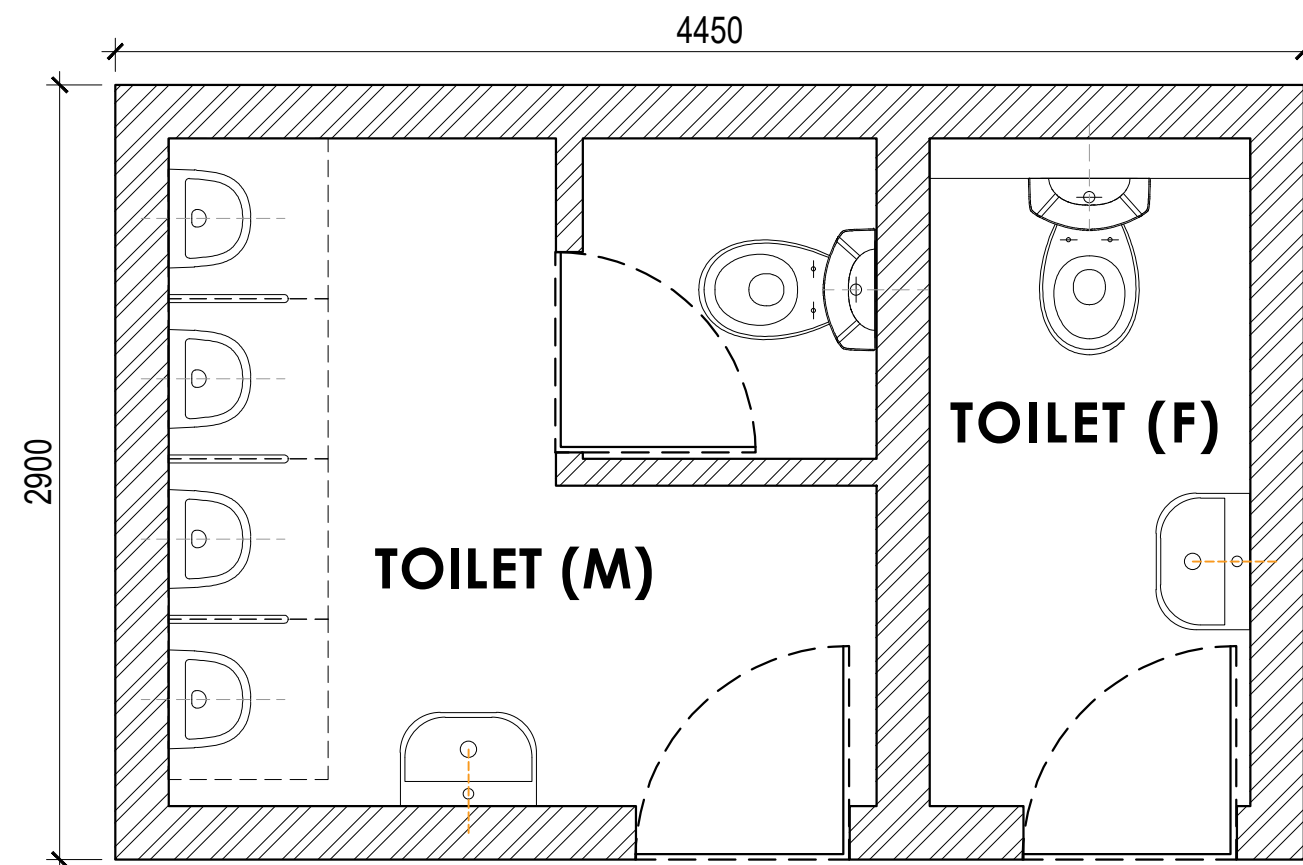
PROJECT NAME
PUBLIC TOILETS WITH FIT-IN TREATMENT FACILITY FOR
DECENTRALIZED STP IN WEST KOCHI

TITLE : TOILET COMPLEX AT FORT KOCHI HOSPITAL

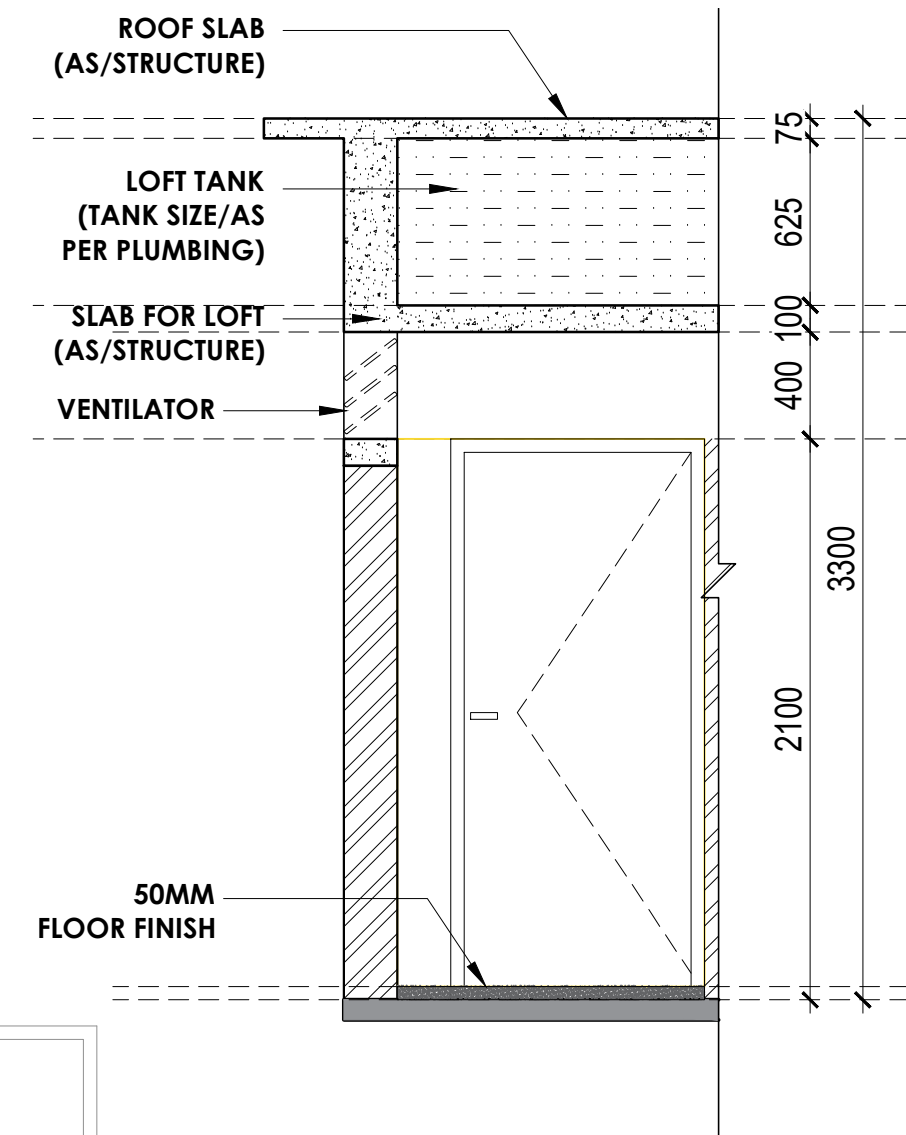
DRG NO. CSML/M7/SWS/FKH-PT/AR-001 **SCALE :** N.T.S **DATE :** 05-02-2019

Drawn BY	Design BY	Checked BY	REVISION R0
UNNI	RAMANUJAM	ABHISHEK	

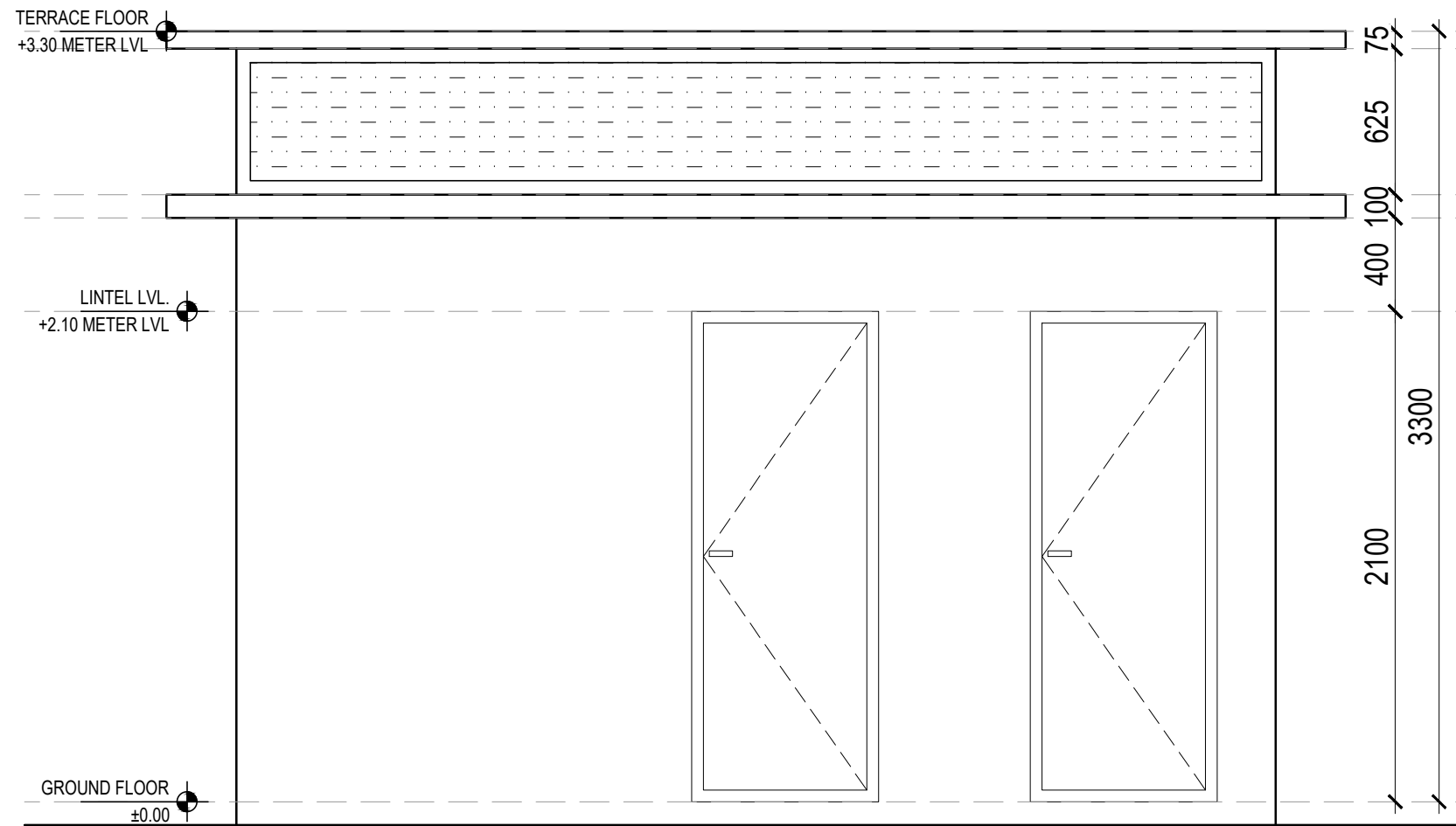
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FLOOR PLAN

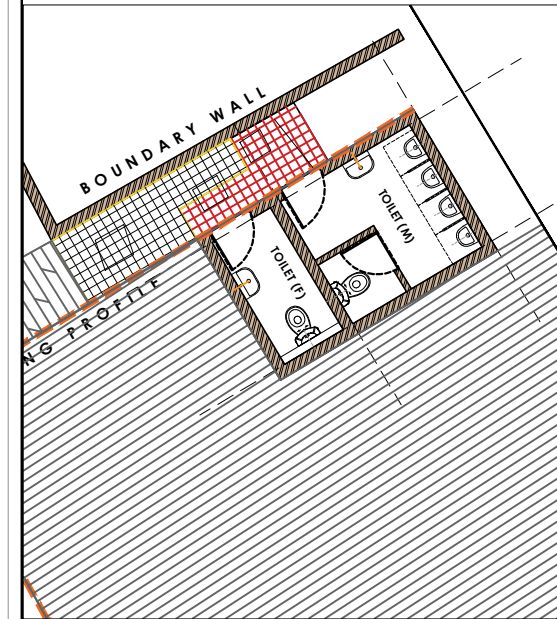



TYPICAL SECTION FOR THE PROPOSED TOILET

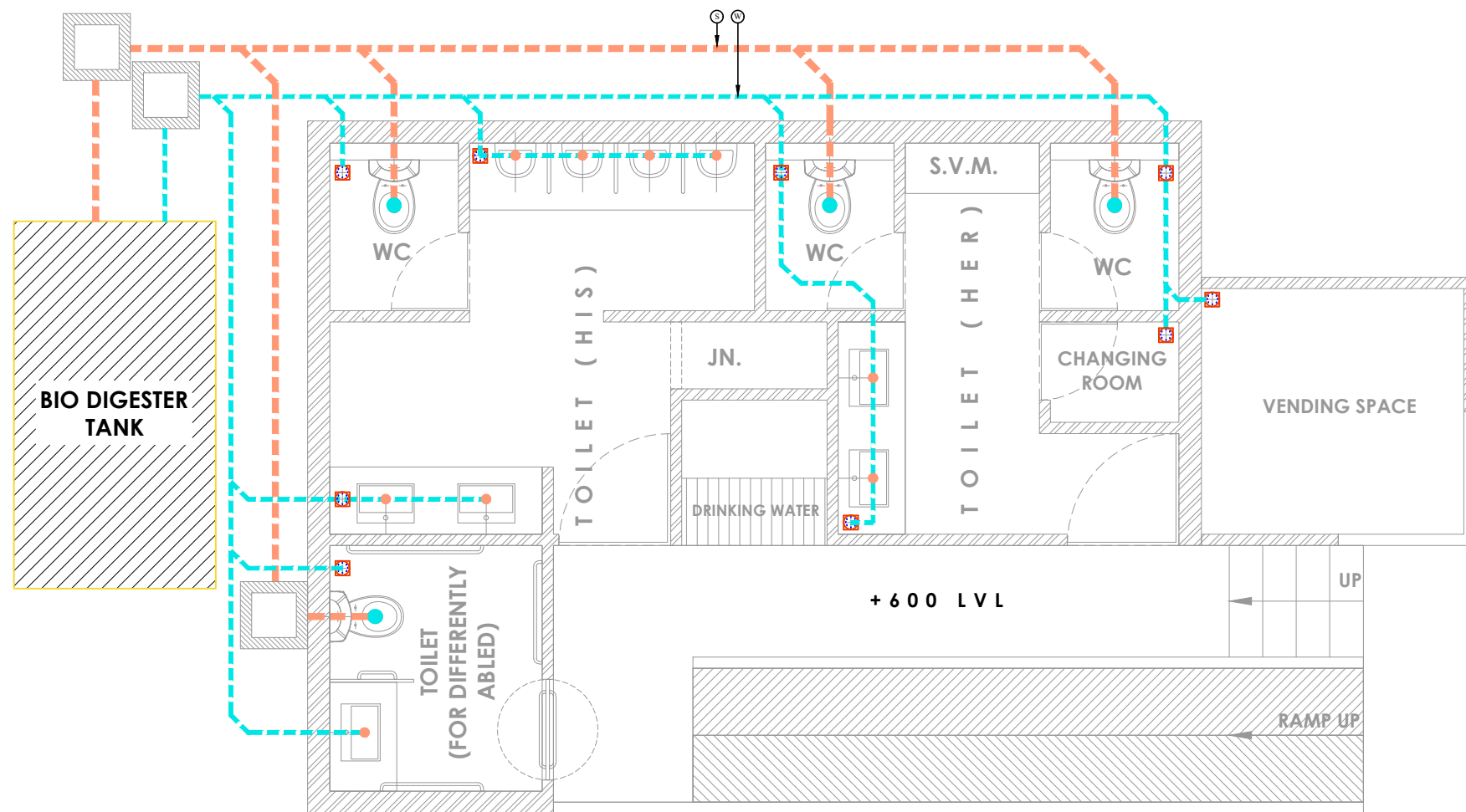


ELEVATION

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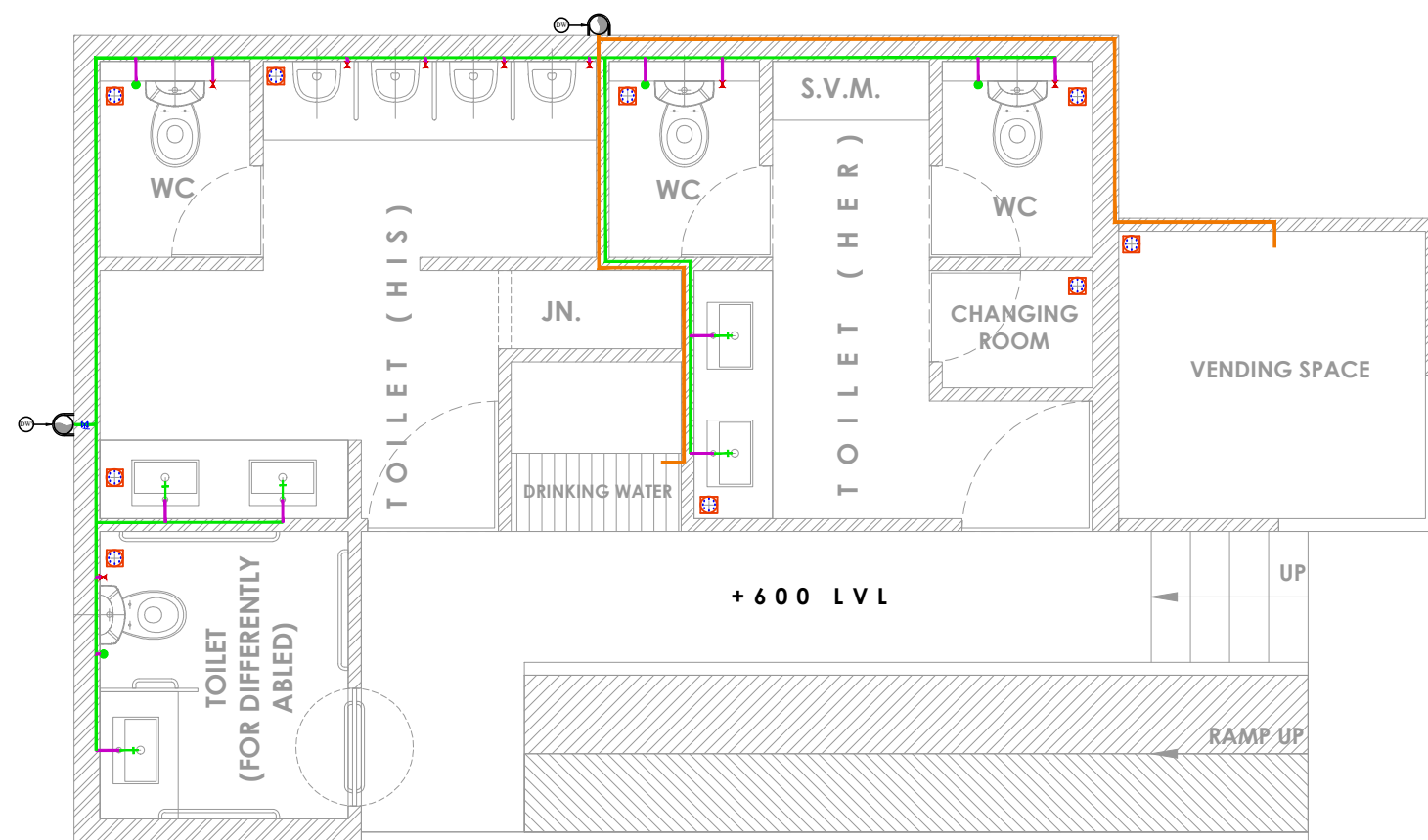


TOILET COMPLEX RENOVATION AT MATHER BAZAR			
CLIENT : COCHIN SMART MISSION LIMITED 10th Floor, Revenue Tower, Park Avenue, Kochi-682011, Kerala,India			
PMC TEAM : IPE Global & HaskoningDHV Consulting Pvt. Ltd. 10th Floor, Revenue Tower, Park Avenue, Kochi-682011, Kerala,India			
PROJECT NAME PUBLIC TOILETS WITH FIT-IN TREATMENT FACILITY FOR DECENTRALIZED STP IN WEST KOCHI			
TITLE : TOILET COMPLEX RENOVATION AT MATHER BAZAR			
DRG NO. CSML/M7/SWS/EBW-PT/AR-001		SCALE : 1:10 DATE : 05-02-2019	N 
Drawn BY UNNI	Design BY RAMANUJAM	Checked BY ABHISHEK	REVISION RO
SIGNATORY ARCHITECT:		SIGNATORY CSML :	



TOILET COMPLEX AT NEHRU PARK

TOILET DETAILS
DRAINAGE SYSTEM



TOILET COMPLEX AT NEHRU PARK

TOILET DETAILS
WATER SUPPLY

DRAINAGE SYSTEM LEGEND

	FLOOR TRAP
	110 mmØ SOIL PIPE
	SOIL PIPE
	75 mm Ø WASTE PIPE
	WASTE PIPE
	BOTTLE TRAP
	S TRAP

WATER SUPPLY LEGEND

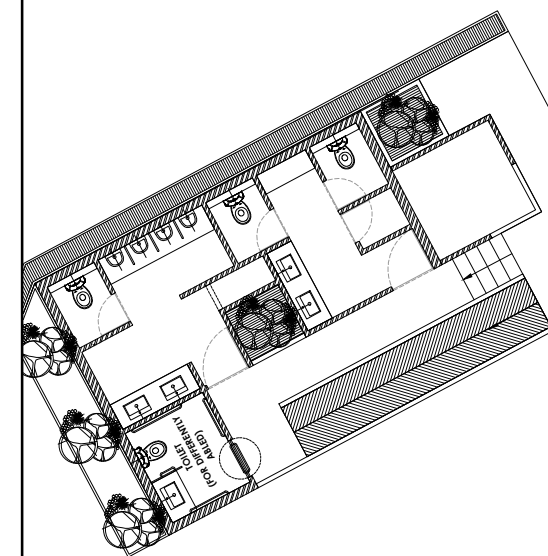
	ABLUTION SPRAY UNIT
	DOMESTIC WATER SUPPLY
	32 mm Ø DOMESTIC WATER SUPPLY
	25 mm Ø DOMESTIC WATER SUPPLY
	BALL VALVE
	15 mm ANGLE VALVE WITH ADAPTER
	WASH BASIN TAP
	DRINKING WATER PIPE
	32 mm Ø DRINKING WATER PIPE
	WALL MIXER (SHOWER AND TAP)

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KEY PLAN



TOILET COMPLEX AT NEHRU PARK



CLIENT : COCHIN SMART MISSION LIMITED
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

PMC TEAM : IPE Global & Royal HaskoningDHV
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

PROJECT NAME
PUBLIC TOILETS WITH FIT-IN TREATMENT FACILITY FOR
DECENTRALIZED STP IN WEST KOCHI

TITLE : PLUMBING DRAWING

DRG NO. CSML/M7/SWS/NP-PT/PD-001	SCALE : N.T.S DATE : 25-01-2019	N
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Drawn BY UNNI	Design BY RAMANUJAM	Checked BY JISHNU	REVISION R0
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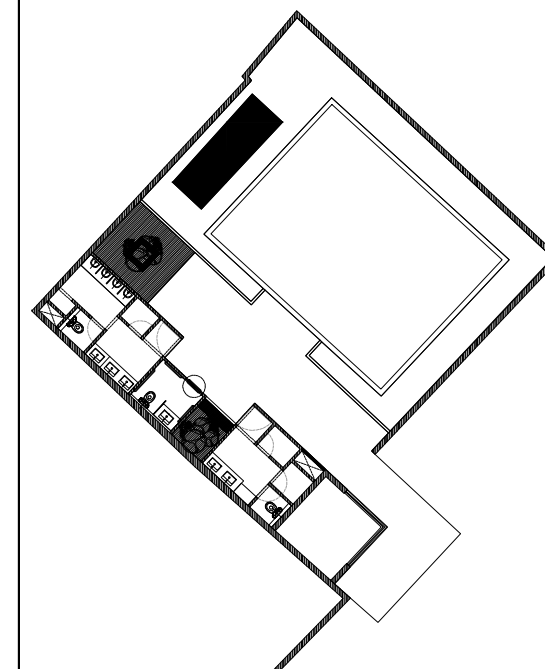
SIGNATORY ARCHITECT:	SIGNATORY CSML :
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KEY PLAN



TOILET COMPLEX AT MATTANCHERY BUS STOP



CLIENT : COCHIN SMART MISSION LIMITED
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

PMC TEAM : IPE Global & Royal HaskoningDHV
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

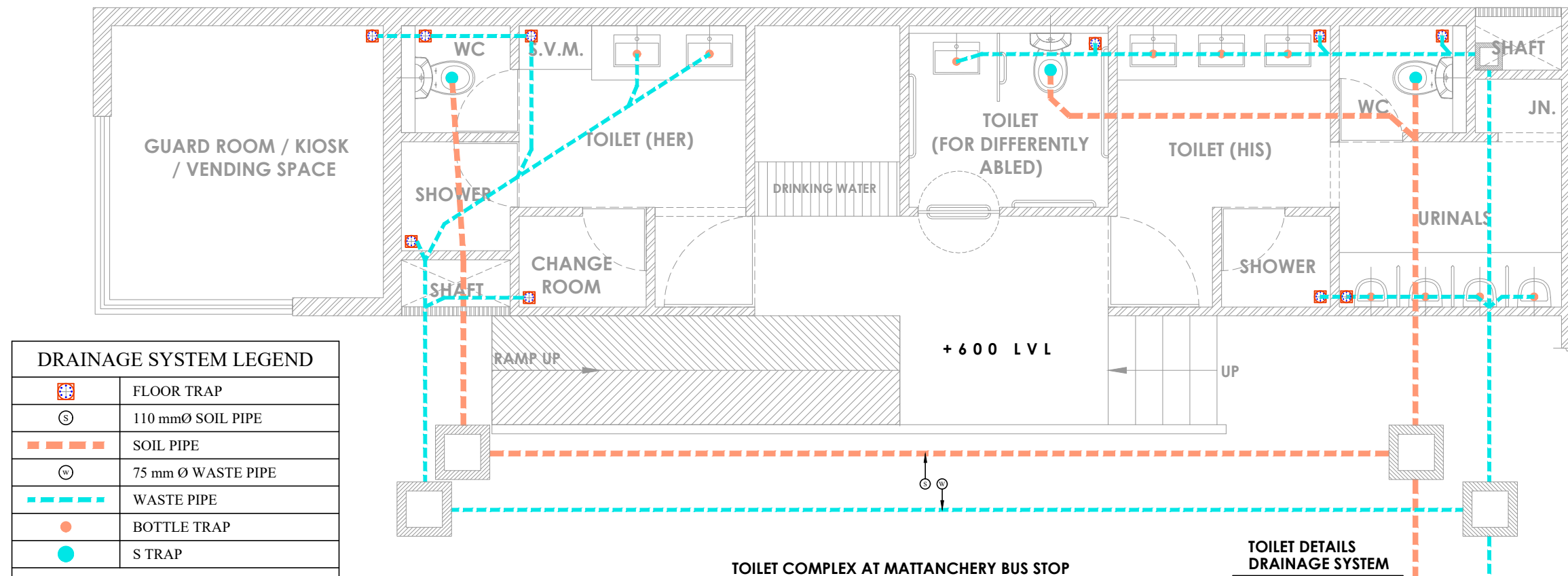
PROJECT NAME
PUBLIC TOILETS WITH FIT-IN TREATMENT FACILITY FOR
DECENTRALIZED STP IN WEST KOCHI

TITLE : PLUMBING DRAWING

DRG NO. CSML/M7/SWS/MB5-PT/PD-001 SCALE : N.T.S DATE : 25-01-2019

Drawn BY	Design BY	Checked BY	REVISION
UNNI	RAMANUJAM	JISHNU	RO

SIGNATORY ARCHITECT: SIGNATORY CSML :

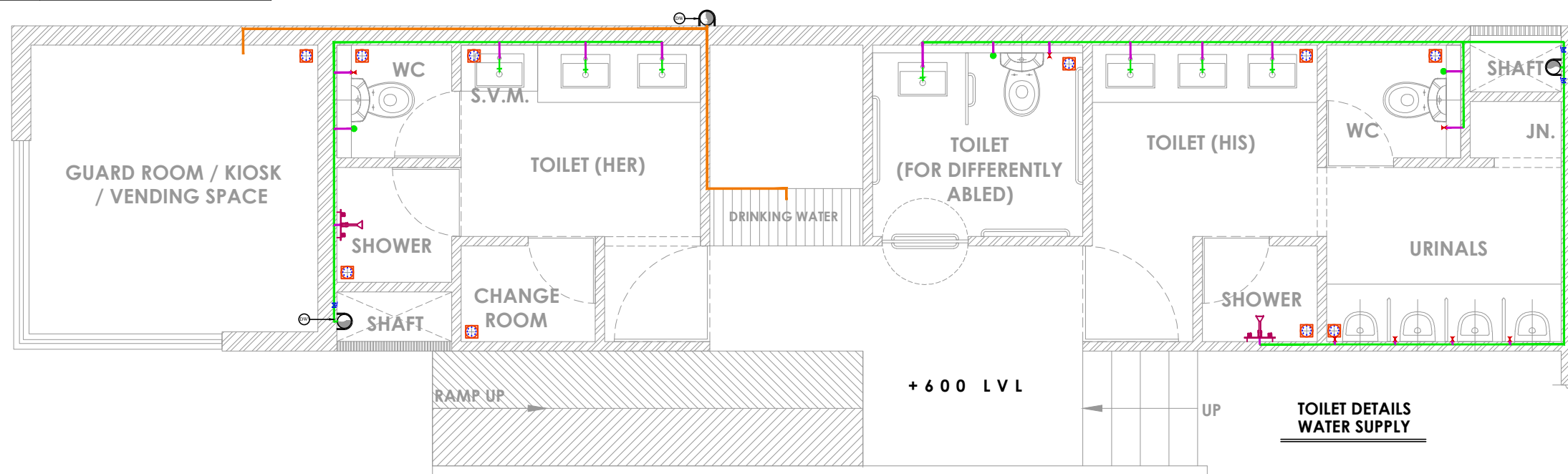


TOILET COMPLEX AT MATTANCHERY BUS STOP

TOILET DETAILS
DRAINAGE SYSTEM

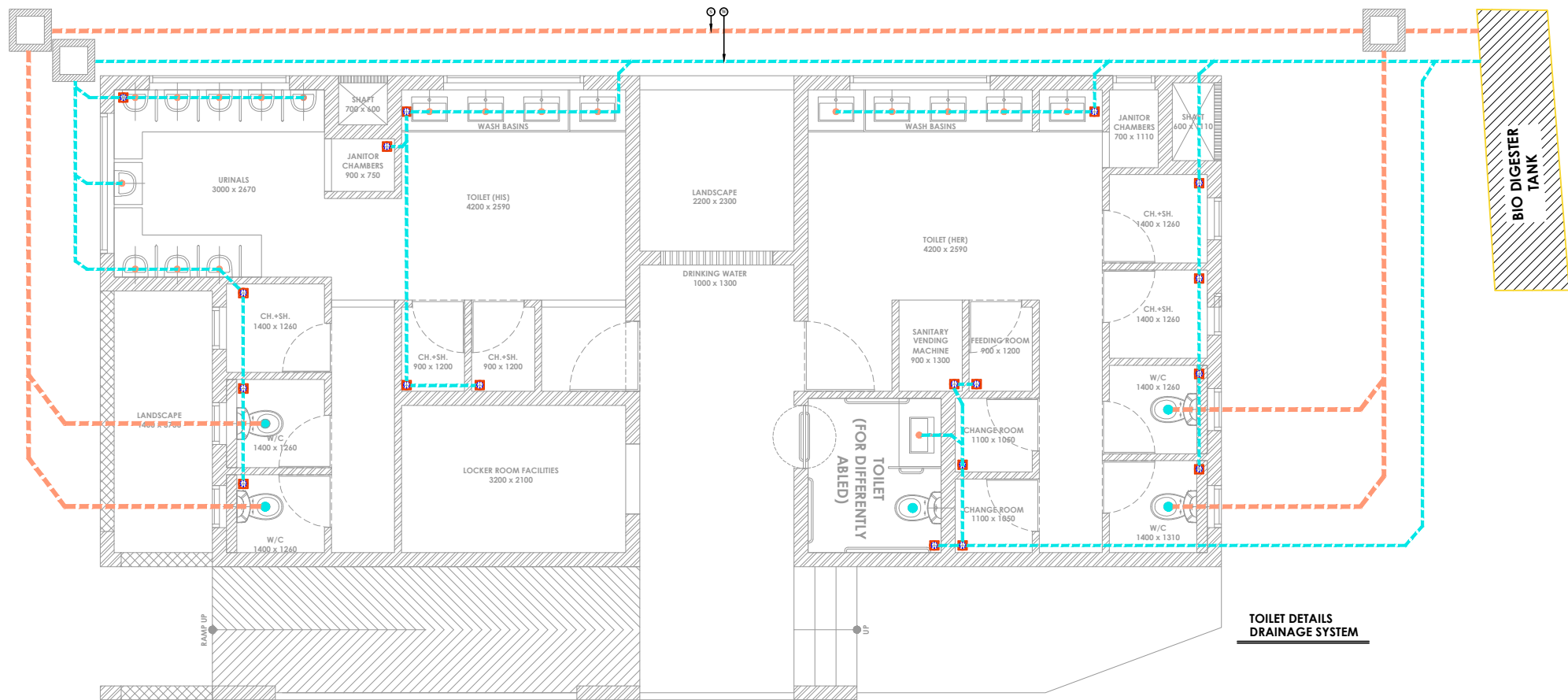


DRAINAGE SYSTEM LEGEND	
	FLOOR TRAP
	110 mmØ SOIL PIPE
	SOIL PIPE
	75 mm Ø WASTE PIPE
	WASTE PIPE
	BOTTLE TRAP
	S TRAP
WATER SUPPLY LEGEND	
	ABLUTION SPRAY UNIT
	DOMESTIC WATER SUPPLY
	32 mm Ø DOMESTIC WATER SUPPLY
	25 mm Ø DOMESTIC WATER SUPPLY
	BALL VALVE
	15 MM ANGLE VALVE WITH ADAPTER
	WASH BASIN TAP
	DRINKING WATER PIPE
	32 mm Ø DRINKING WATER PIPE
	WALL MIXER (SHOWER AND TAP)

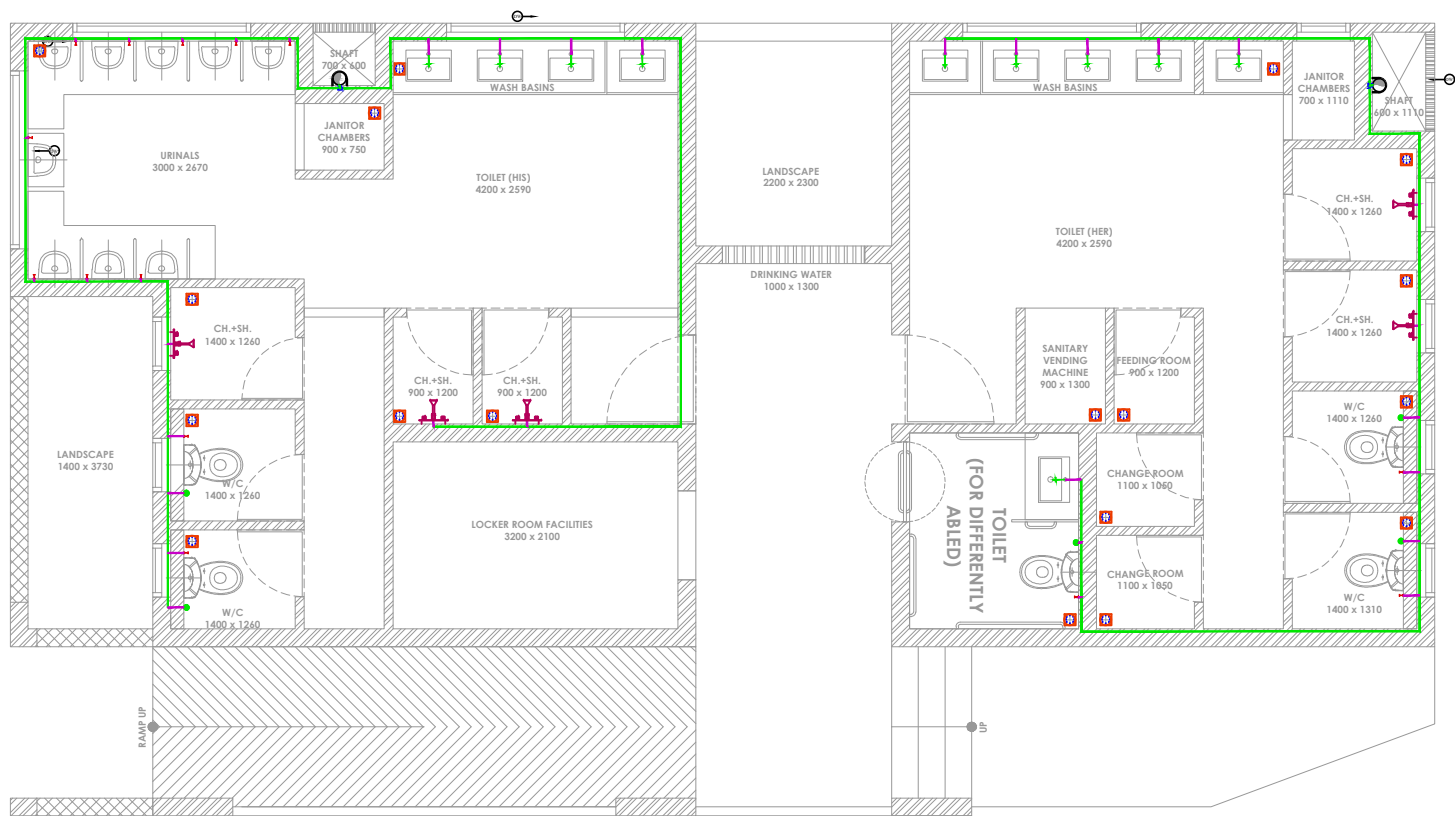


TOILET COMPLEX AT MATTANCHERY BUS STOP

TOILET DETAILS
WATER SUPPLY



TOILET COMPLEX WITH FOOD KIOSK AT FORT KOCHI BEACH AREA

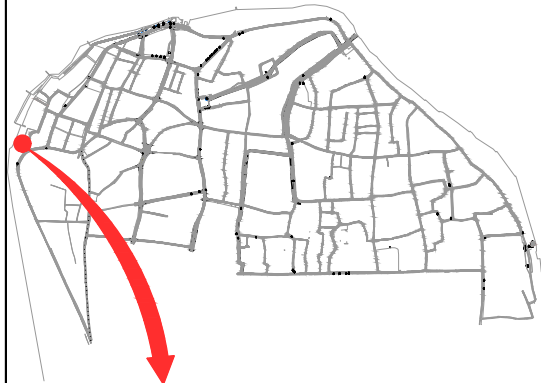


TOILET COMPLEX WITH FOOD KIOSK AT FORT KOCHI BEACH AREA

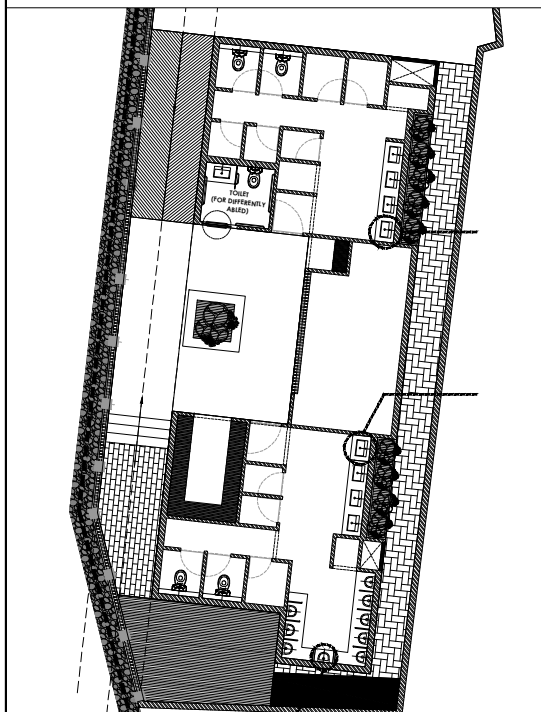
DRAINAGE SYSTEM LEGEND	
	FLOOR TRAP
	110 mmØ SOIL PIPE
	SOIL PIPE
	75 mm Ø WASTE PIPE
	WASTE PIPE
	BOTTLE TRAP
	S TRAP
WATER SUPPLY LEGEND	
	ABLUTION SPRAY UNIT
	DOMESTIC WATER SUPPLY
	32 mm Ø DOMESTIC WATER SUPPLY
	25 mm Ø DOMESTIC WATER SUPPLY
	BALL VALVE
	15 MM ANGLE VALVE WITH ADAPTER
	WASH BASIN TAP
	DRINKING WATER PIPE
	32 mm Ø DRINKING WATER PIPE
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KEY PLAN



TOILET COMPLEX WITH FOOD KIOSK AT FORT KOCHI BEACH AREA



CLIENT : COCHIN SMART MISSION LIMITED
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

PMC TEAM : IPE Global & Royal HaskoningDHV
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India











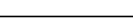






PROJECT NAME
PUBLIC TOILETS WITH FIT-IN TREATMENT FACILITY FOR
DECENTRALIZED STP IN WEST KOCHI

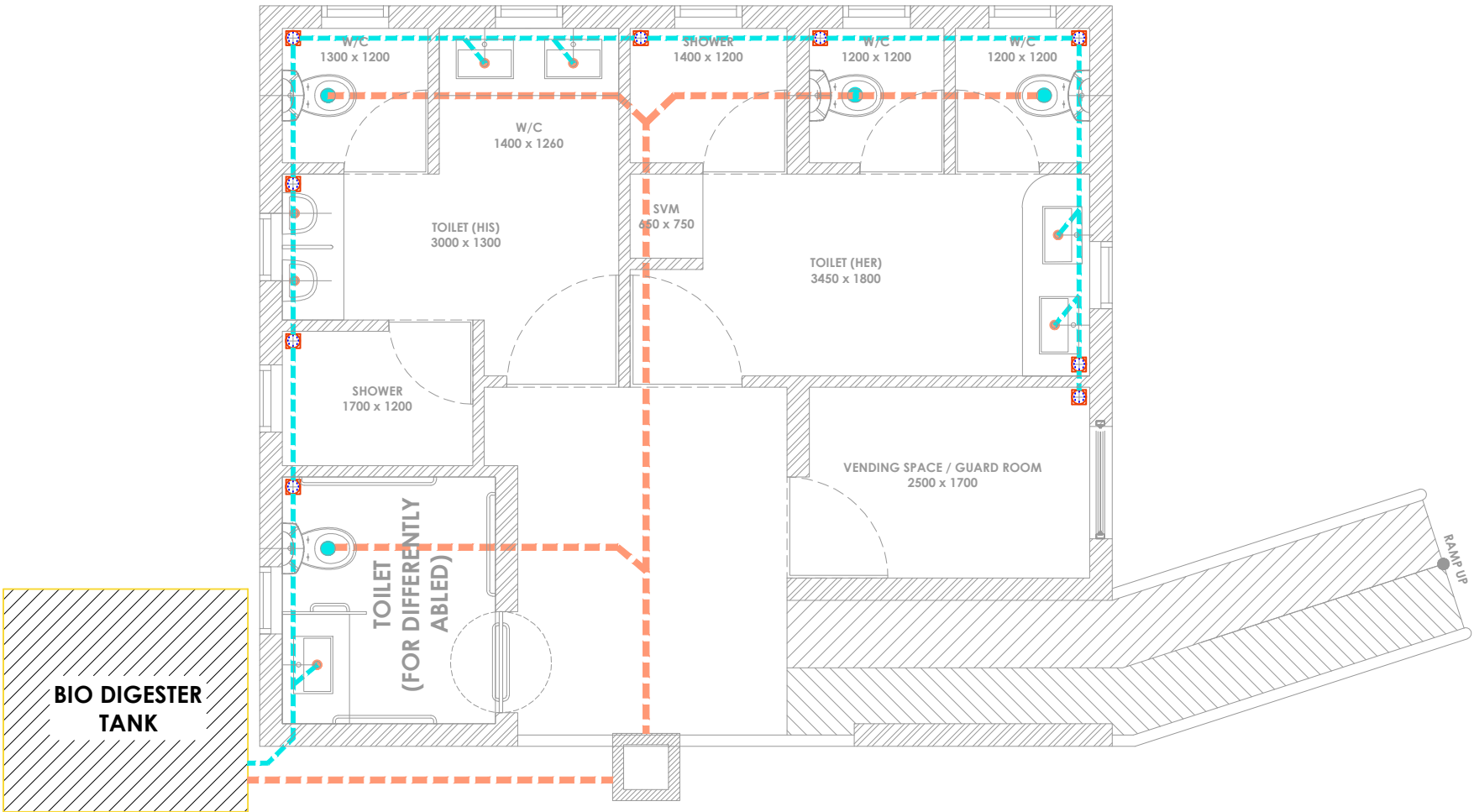
TITLE : PLUMBING DRAWING

DRG NO. CSML/M7/SWS/FKB-PT/PD-001	SCALE : N.T.S DATE : 25-01-2019	N
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Drawn BY UNNI	Design BY RAMANUJAM	Checked BY JISHNU	REVISION R0
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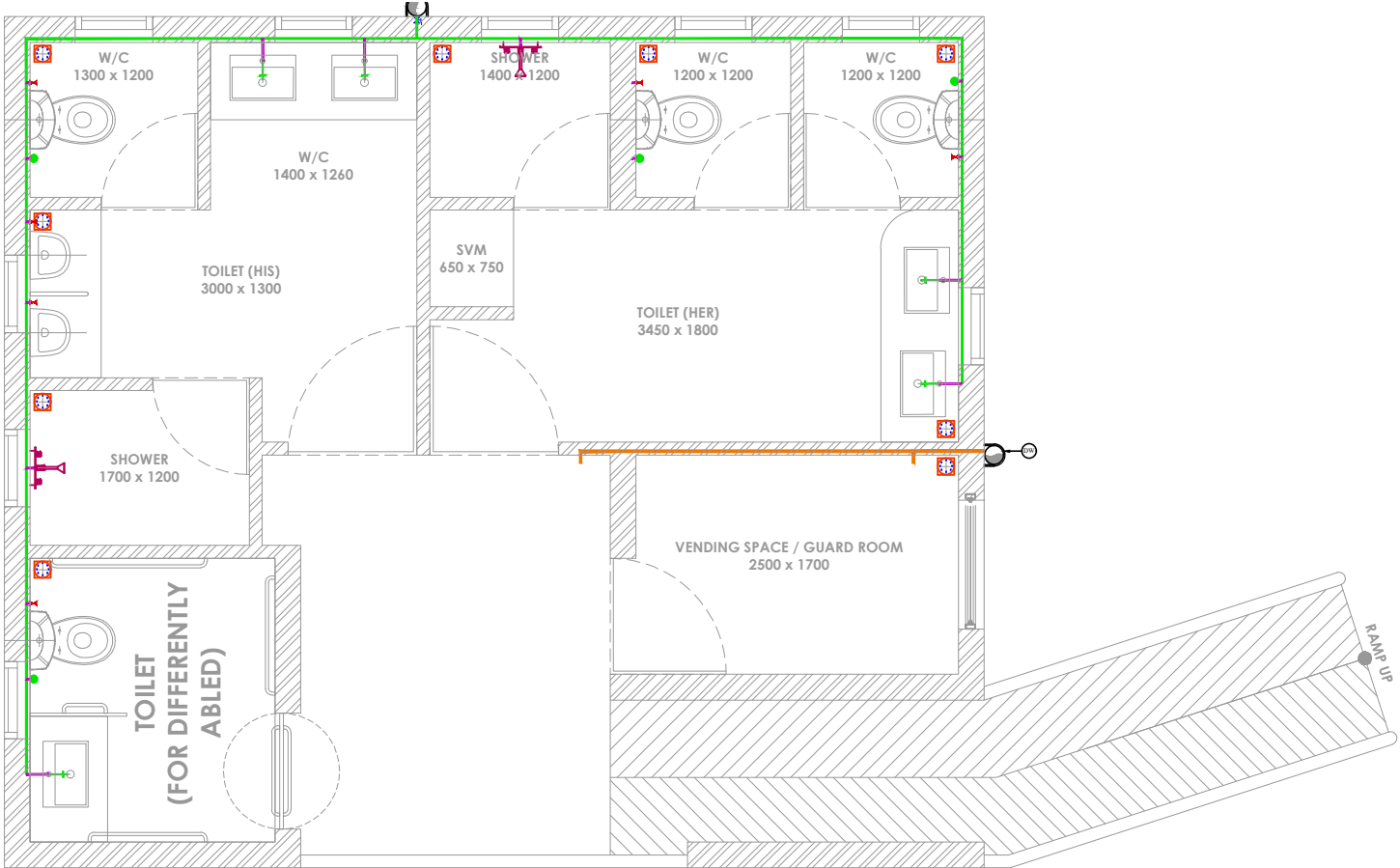
SIGNATORY ARCHITECT:	SIGNATORY CSML :
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DRAINAGE SYSTEM LEGEND	
	FLOOR TRAP
	110 mmØ SOIL PIPE
	SOIL PIPE
	75 mm Ø WASTE PIPE
	WASTE PIPE
	BOTTLE TRAP
	S TRAP
WATER SUPPLY LEGEND	
	ABLUTION SPRAY UNIT
	DOMESTIC WATER SUPPLY
	32 mm Ø DOMESTIC WATER SUPPLY
	25 mm Ø DOMESTIC WATER SUPPLY
	BALL VALVE
	15 MM ANGLE VALVE WITH ADAPTER
	WASH BASIN TAP
	DRINKING WATER PIPE
	32 mm Ø DRINKING WATER PIPE
	WALL MIXER (SHOWER AND TAP)



TOILET COMPLEX AT FORT KOCHI HOSPITAL

TOILET DETAILS
DRAINAGE SYSTEM

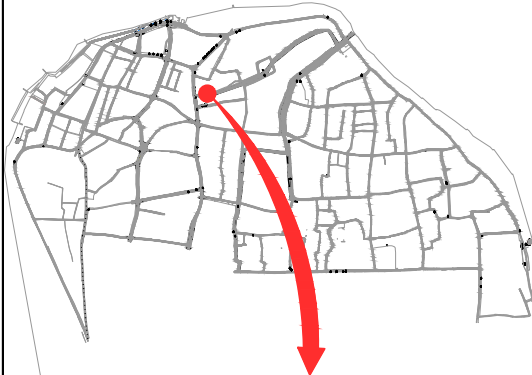


TOILET COMPLEX AT FORT KOCHI HOSPITAL

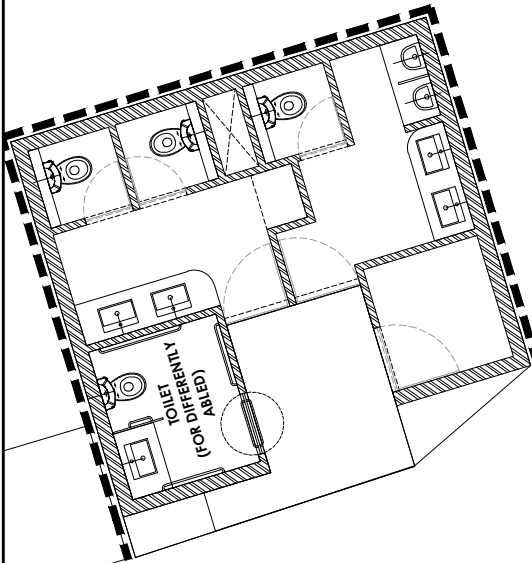
TOILET DETAILS
WATER SUPPLY

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KEY PLAN



TOILET COMPLEX AT FORT KOCHI HOSPITAL



CLIENT : COCHIN SMART MISSION LIMITED
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

PMC TEAM : IPE Global & Royal HaskoningDHV
10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

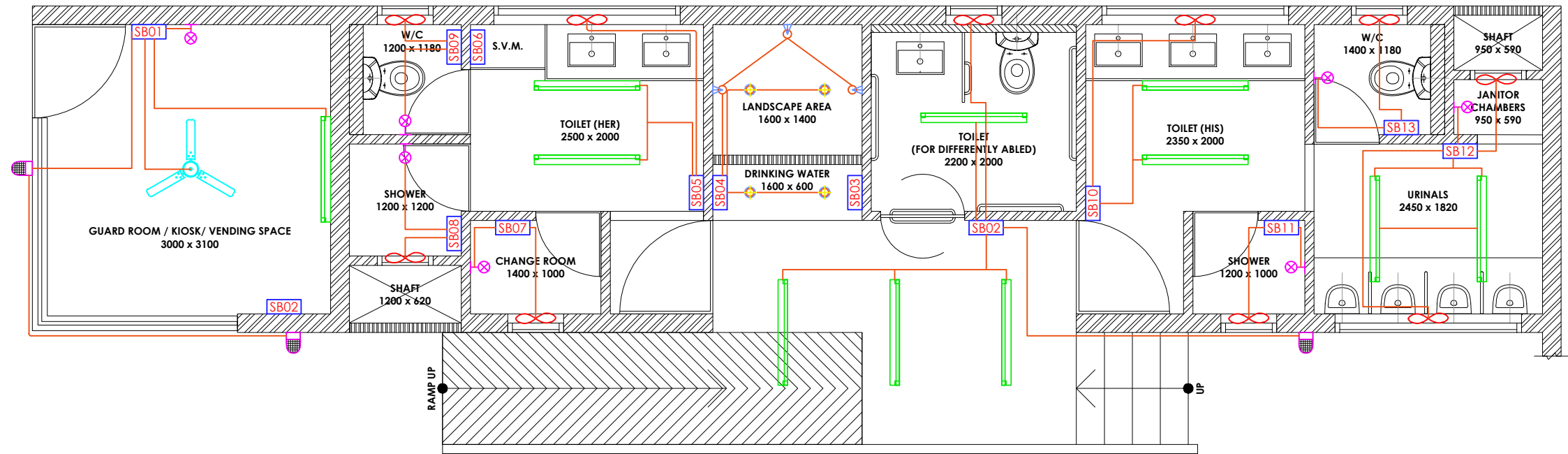
PROJECT NAME
PUBLIC TOILETS WITH FIT-IN TREATMENT FACILITY FOR
DECENTRALIZED STP IN WEST KOCHI

TITLE : PLUMBING DRAWING

DRG NO. CSML/M7/SWS/FKH-PT/PD-001	SCALE : N.T.S DATE : 25-01-2019	N
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Drawn BY UNNI	Design BY RAMANUJAM	Checked BY JISHNU	REVISION RO
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SIGNATORY ARCHITECT:	SIGNATORY CSML :
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**TYPICAL ELECTRICAL DRAWING FOR THE
PROPOSED PUBLIC TOILET**

ITEM	REF	PARTICULAR
SB01		2 - EXTERIOR LIGHT
		1 - GENERAL LIGHT
		1 - LED TUBE LIGHT
		1 - CEILING FAN WITH CONTROLLER
		1 - 6A PLUG POINT
SB02		1 - EXTERIOR LIGHT
		3 - LED TUBE LIGHT
		1 - EXHAUST FAN
SB03		1 - 6A PLUG POINT
		1 - 16A PLUG POINT
SB04		2 - CEILING LIGHT
		2 - CEILING LIGHT
		3 - FOOT LIGHT
SB05		2 - LED TUBE LIGHT
		1 - EXHAUST FAN
		1 - 6A PLUG POINT
SB06		1 - 16A PLUG POINT
SB07		1 - GENERAL LIGHT
		1 - EXHAUST FAN
SB08		1 - GENERAL LIGHT
		1 - EXHAUST FAN
SB09		1 - GENERAL LIGHT
		1 - EXHAUST FAN
SB10		2 - LED TUBE LIGHT
		1 - EXHAUST FAN
		1 - 6A PLUG POINT
SB11		1 - GENERAL LIGHT
		1 - EXHAUST FAN
SB12		2 - LED TUBE LIGHT
		1 - EXHAUST FAN
		1 - EXHAUST FAN
		1 - GENERAL LIGHT
		1 - 6A PLUG POINT
SB13		1 - GENERAL LIGHT
		1 - EXHAUST FAN

ITEM	PARTICULAR	LEVEL
	CEILING LIGHT	CEILING LVL
	CEILING LIGHT	CEILING LVL
	FOOT LIGHT	+10 cm LVL
	GENERAL LIGHT	+210 LVL
	EXHAUST FAN	VENTILATOR LVL
	EXTERIOR LIGHT	+210 LVL

NOTE:

1. ALL DIMENSIONS ARE IN MM UNLESS MENTIONED OTHERWISE.
2. ONLY WRITTEN DIMENSION ARE TO BE FOLLOWED
3. THIS DRAWING IS TO BE READ ALONG WITH ALL REFERENCED OR MENTIONED DRAWINGS.
4. NECESSARY CLARIFICATIONS MIGHT BE OBTAINED FROM CSML.
5. DISCREPANCY IF ANY SHOULD BE BROUGHTR TO THE NOTICE OF CSML OFFICE IMMEDIATELY.

CLIENT : COCHIN SMART MISSION LIMITED

10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

PMC TEAM : IPE Global & HaskoningDHV Consulting Pvt. Ltd.

10th Floor, Revenue Tower,
Park Avenue, Kochi-682011, Kerala,India

PROJECT NAME

PUBLIC TOILETS WITH FIT-IN TREATMENT FACILITY FOR
DECENTRALIZED STP IN WEST KOCHI

TITLE : TYPICAL ELECTRICAL DRAWING

DRG NO.

CSML/M7/SWS/MBS-PT/TEL-001

SCALE : 1:20

DATE : 05-02-2019



Drawn BY

Design BY

Checked BY

REVISION

UNNI

RAMANUJAM

JISHNU

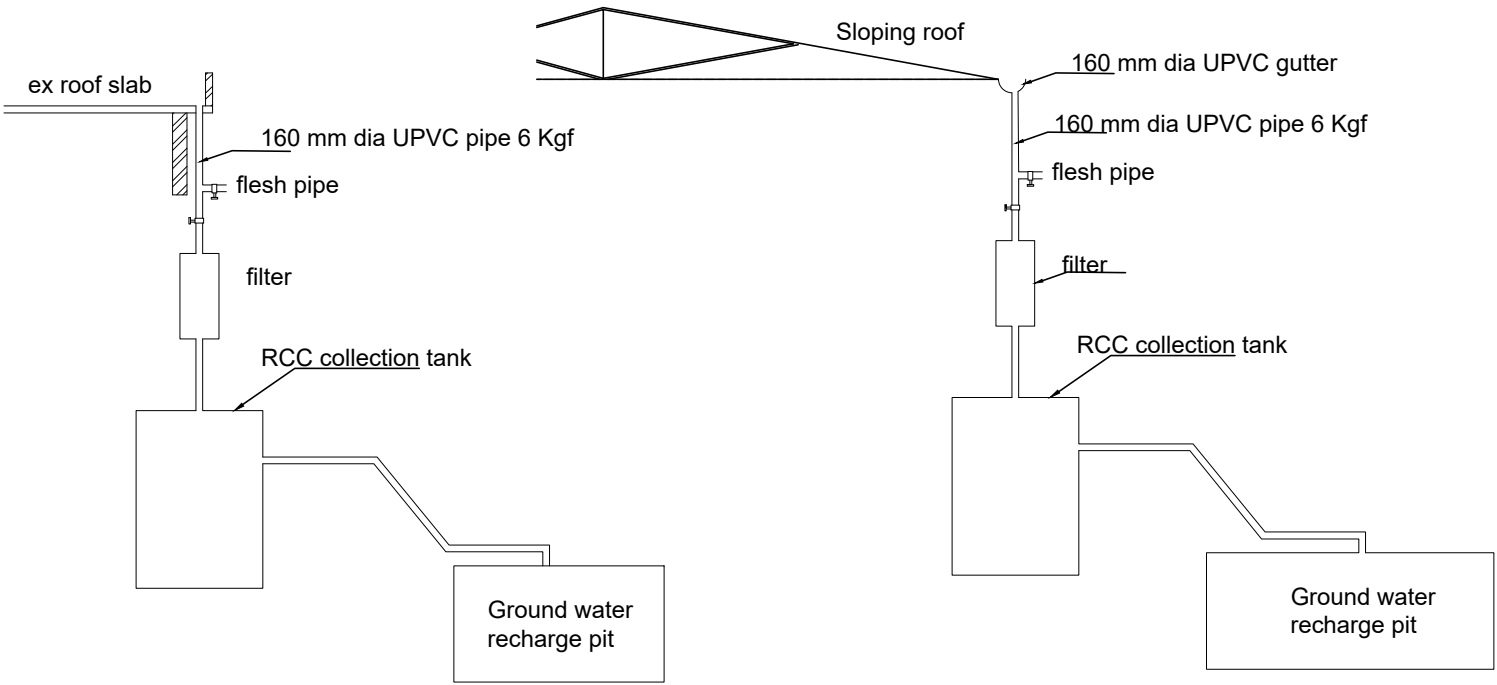
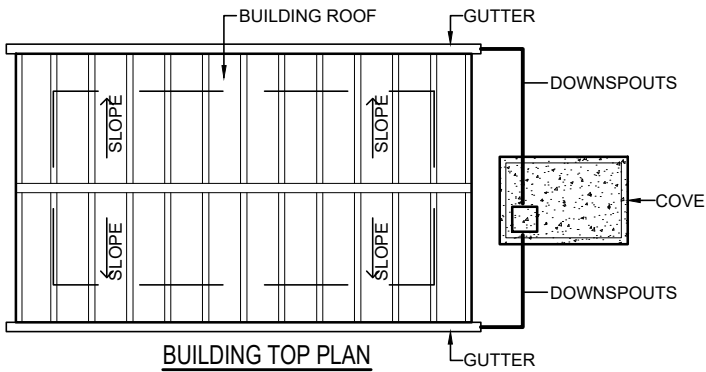
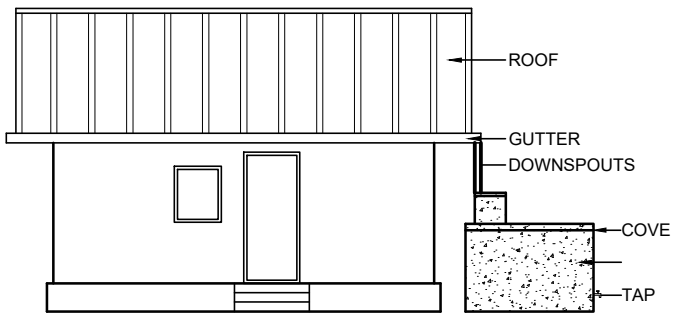
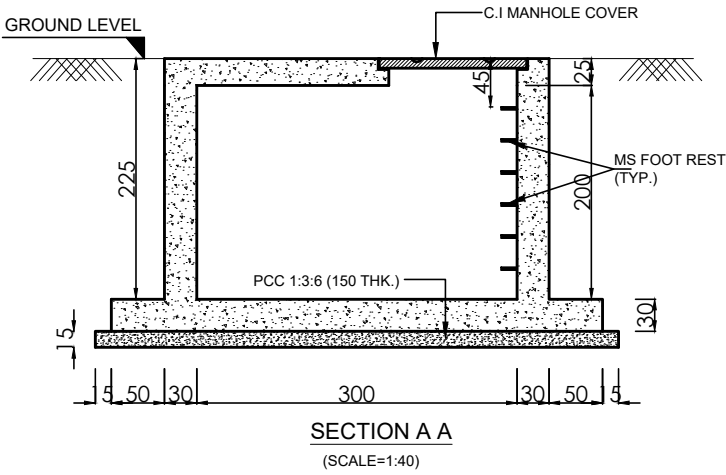
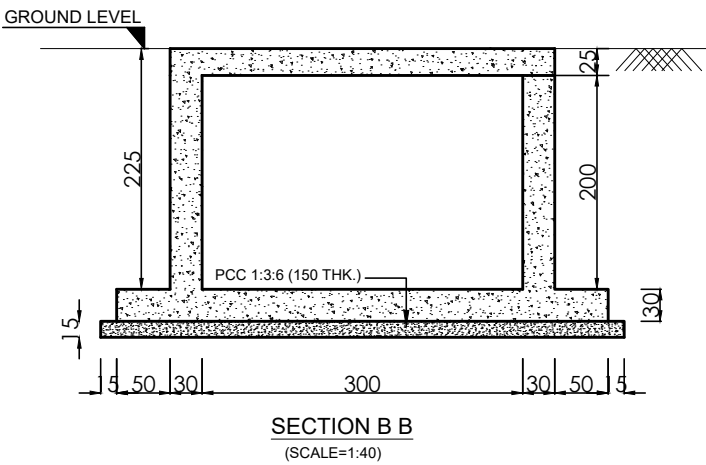
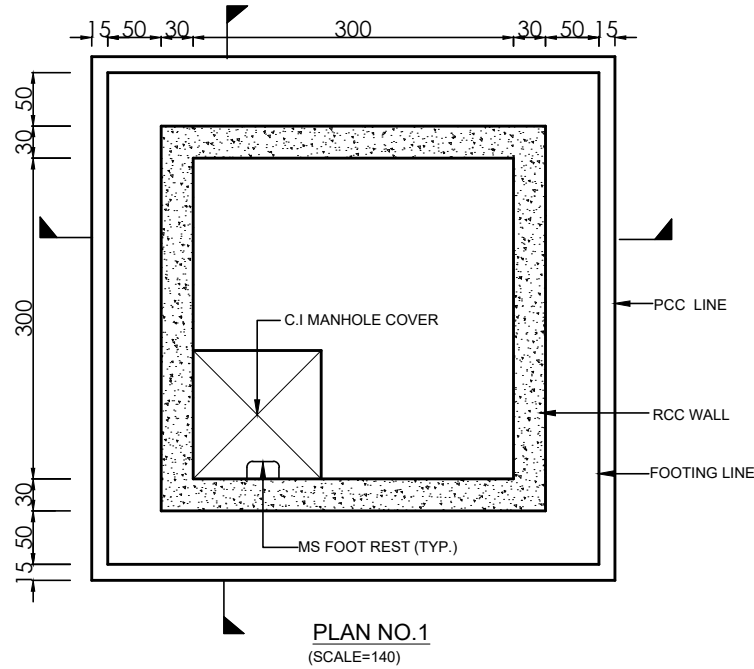
RO

**SIGNATORY
ARCHITECT:**

**SIGNATORY
CSML :**

TYPICAL RAIN WATER HARVESTING SCHEME

- NOTE:
- 1. ALL DIMENSIONS ARE IN M UNLESS MENTIONED OTHERWISE
 - 2. ONLY WRITTEN DIMENSION ARE TO BE FOLLOWED
 - 3. THIS DRAWING IS TO BE READ ALONG WITH ALL REFERENCED OR MENTIONED DRAWINGS.
 - 4. NECESSARY CLARIFICATIONS MIGHT BE OBTAINED FROM CSML DEPARTMENT
 - 5. INDISCRIPANCY IF ANY SHOULD BE BROUGHTR TO THE NOTICE OF CSML OFFICE IMMEDIATELY



CLIENT : COCHIN SMART MISSION LIMITED
10th Floor, Revenue Tower,
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PMC TEAM : IPE Global & Royal HaskoningDHV
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PROJECT NAME
TYPICAL RAIN WATER HARVESTING SCHEME

TITLE : SUBMISSION DRAWING

DRG NO.
CSML_M01_RWH_TYP_DWG001

SCALE : 1: 100 (A1)
DATE : 19-02-2019

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1

Drawn BY	Design BY	Checked BY	REVISION
J.K	S.G	A.K	R0

SIGNATORY
ARCHITECT:

SIGNATORY
CSML: