

KEY PLAN
(SCALE - NTS)

NOTES:-

1. ALL THE DIMENSION ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. ALL THE DRAWINGS SHALL BE READ IN CONJUNCTION WITH RELEVANT DRAWINGS AND SPECIFICATIONS.
3. ALL MATERIALS USED SHALL BE AS SPECIFIED IN SPECIFICATIONS AND INDICATED IN THE DRAWINGS.
4. WHEN PIPE IS PASSING THROUGH WALL AND FLOOR, FOR NON INSULATED PIPES, THE PIPE SLEEVE SHALL BE PROVIDED ONE SIZE HIGHER THAN THE OUTER PIPE DIAMETER. THE GAP BETWEEN PIPE & SLEEVE SHALL BE MINIMUM 10 MM & MAXIMUM 25 MM. THE ANNULAR SPACE BETWEEN PIPE & SLEEVE SHALL BE FILLED WITH GLASS WOOL & SILICON SEALANT AT LEAST 20 MM DEEP AS PER MANUFACTURER'S RECOMMENDATION IF PIPE THROUGH FIRE RATED WALL, THEN SEALANT SHALL BE APPROVED FIRE SEALANT.
5. FLOORING IN THE WET AREA SHALL HAVE ADEQUATE SLOPE TOWARD THE FLOOR / NAHANI TRAPS.
6. SANITARY WARES, FITTINGS & ACCESSORIES MODELS SHALL BE USED AS PER ENGINEER'S APPROVAL.
7. LOCATIONS & LEVELS OF SANITARY APPLIANCES & FITTINGS ARE BASED ON STANDARD PRACTICE.
8. NECESSARY MODIFICATIONS, IF REQUIRED, TO SUITE THE INTERIOR DESIGN / TILE MODULES SHALL BE CARRIED OUT AT SITE AFTER OBTAINING THE CONFIRMATION FROM SITE INCHARGE.
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13. THESE ARE TENDER PURPOSE DRAWINGS. EXACT ROUTING OF PIPES AND LOCATION CAN BE FINALISED DURING DETAILED ENGINEERING.

LEGENDS :-

1	—	DOMESTIC WATER SUPPLY PIPE
2	—	DWS FROM UGT TO OHT PIPE
3	—	Ø110mm WASTE PIPE
4	—	Ø110mm SOIL PIPE
5	—	Ø110mm RAIN WATER PIPE
6	—	Ø75mm VENT PIPE
7	FT	FLOOR TRAP/ DEEP SEAL 'P' TRAP
8	CO	FLOOR CLEAN OUT
9	BV	BALL VALVE

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INITIALS	MR	MA	MAM	IC	ME	PL	HVAC	EXT	LS	PE/PM	APPD									
ISSUE	DRN	DSN	CHD	CV	EL	IC	ME	PL	HVAC	EXT	LS	PE/PM	APPD							

FOR TENDER PURPOSE ONLY

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FILE NAME : 10477A-CV-819-6051A0.dwg

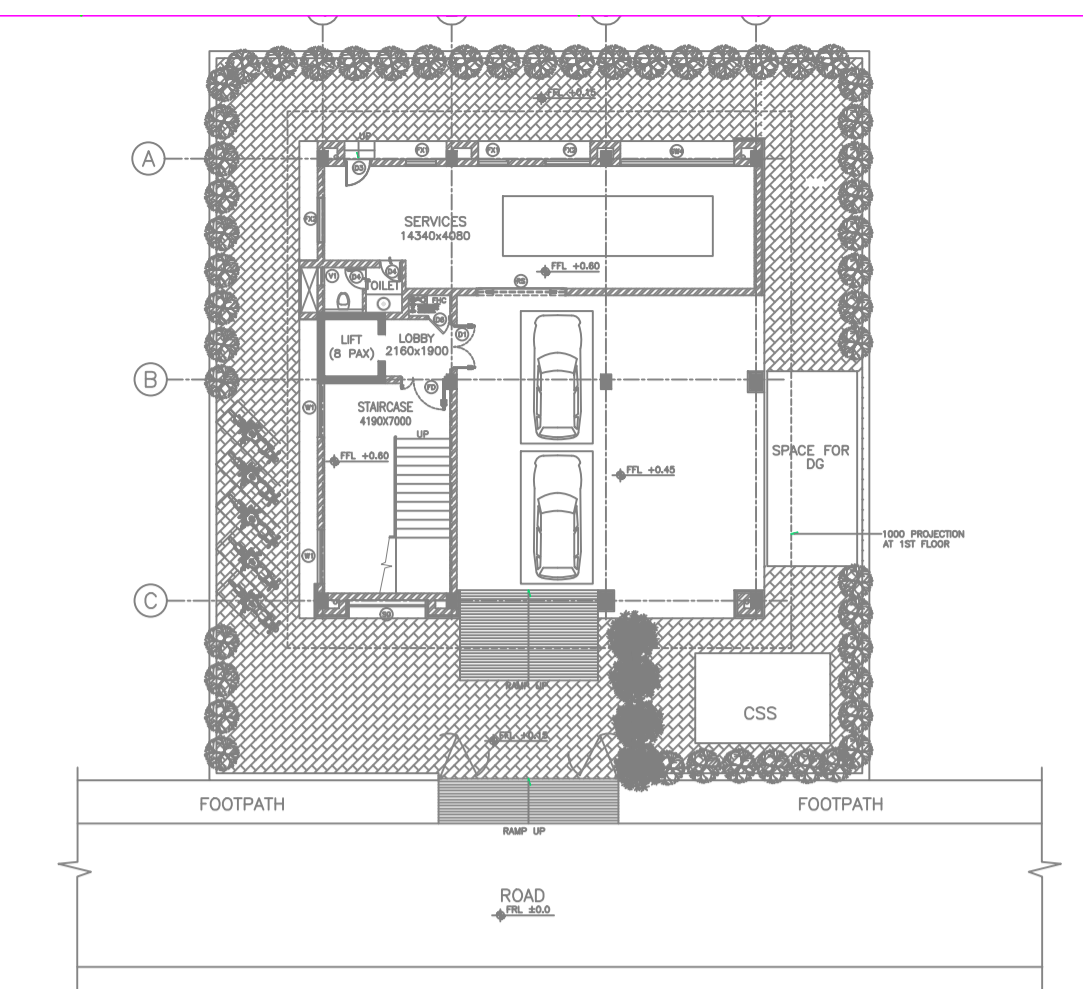
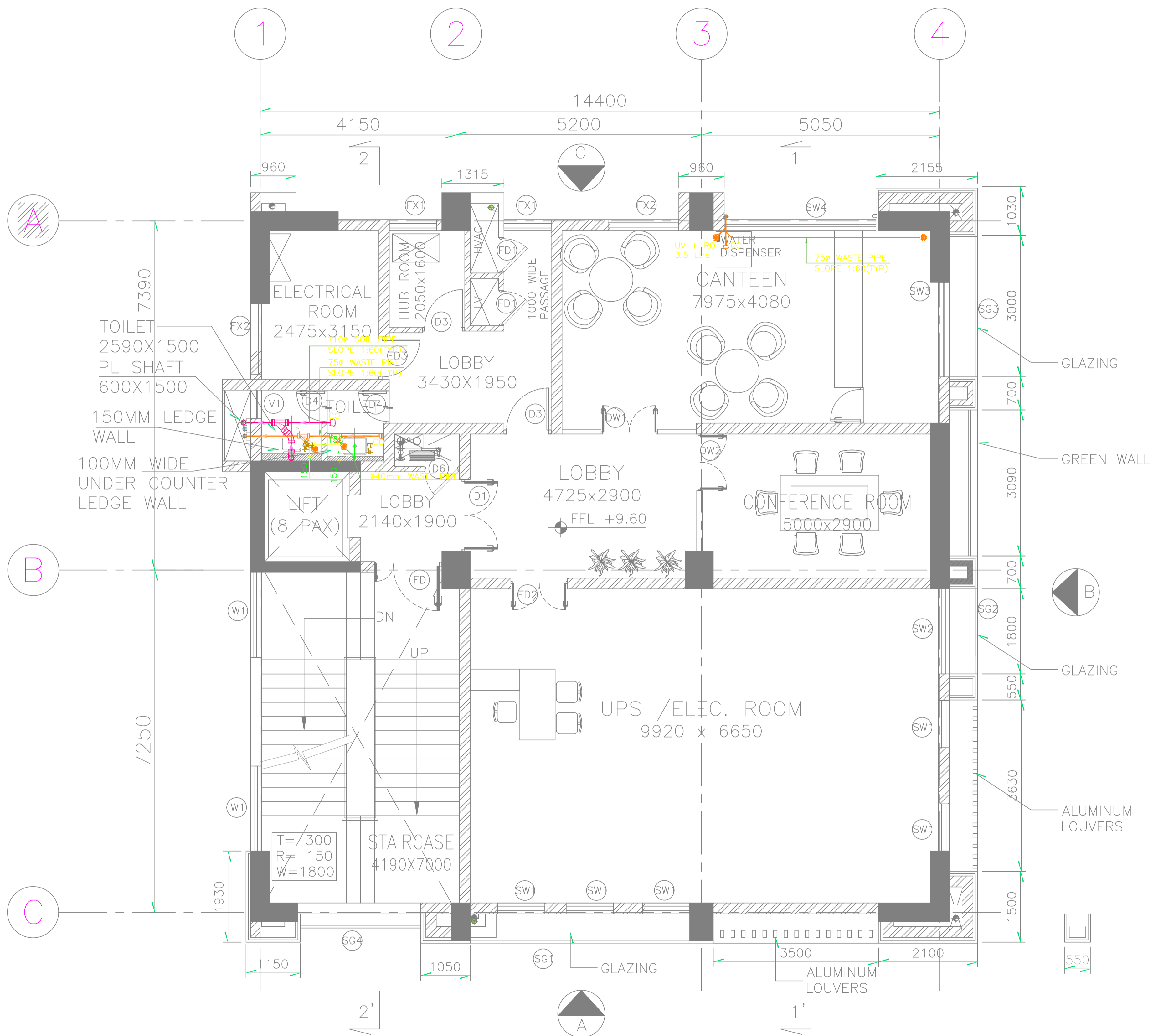
GUWAHATI SMART CITY DEVELOPMENT AGENCY LTD.

SMART CITY MISSION GUWAHATI

WATER SUPPLY LAYOUT OF TYPICAL TOILET BLOCK OF FIRST AND THIRD FLOOR

TATA CONSULTING ENGINEERS LIMITED
MUMBAI

SCALE : 1:100 DWG NO. TCE.10477A-CV-819-6051A ISSUE PO



KEY PLAN (SCALE = 1:100)

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3		Ø110mm WASTE PIPE
4		Ø110mm SOIL PIPE
5		Ø110mm RAIN WATER PIPE
6		Ø75mm VENT PIPE
7		FT FLOOR TRAP/ DEEP SEAL 'P' TRAP
8		CO FLOOR CLEAN OUT
9		BV BALL VALVE

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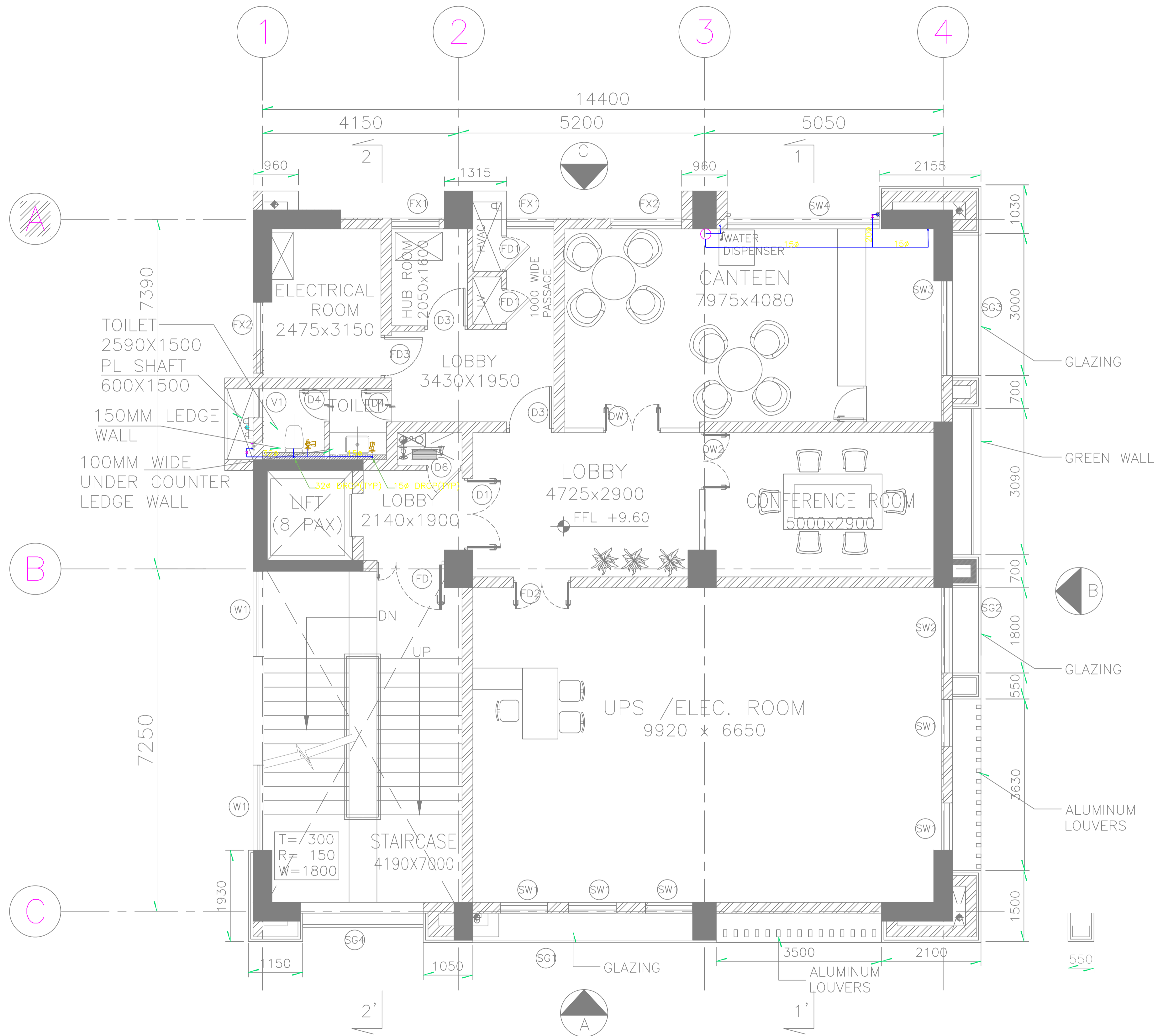
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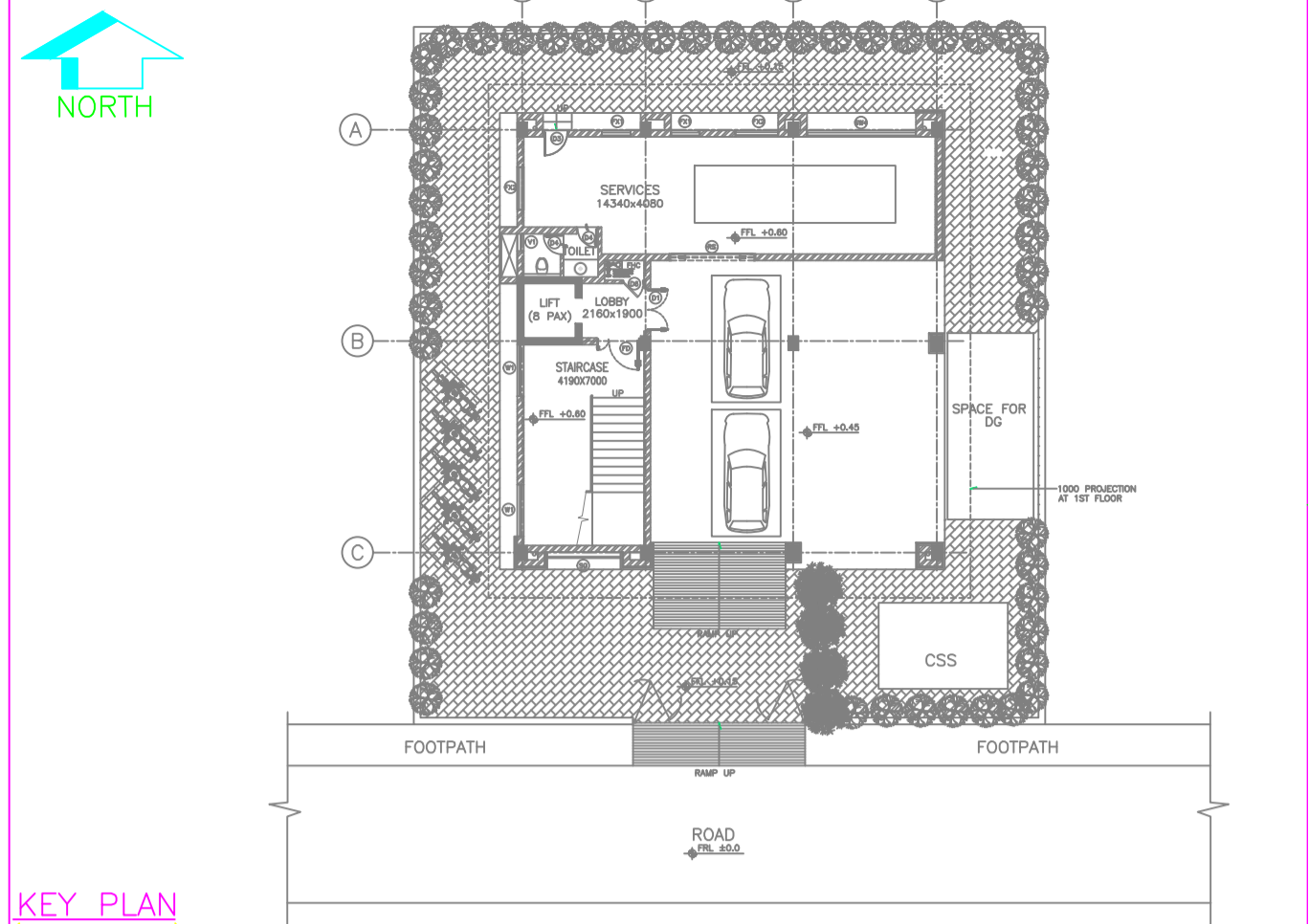
FILE NAME : 10477A-CV-819-6052P0.dwg

GUWAHATI SMART CITY DEVELOPMENT AGENCY LTD.
SMART CITY MISSION GUWAHATI
DRAINAGE LAYOUT OF SECOND FLOOR

TATA CONSULTING ENGINEERS LIMITED
MUMBAI



2nd FLOOR PLAN



KEY PLAN
(SCALE - NTS)

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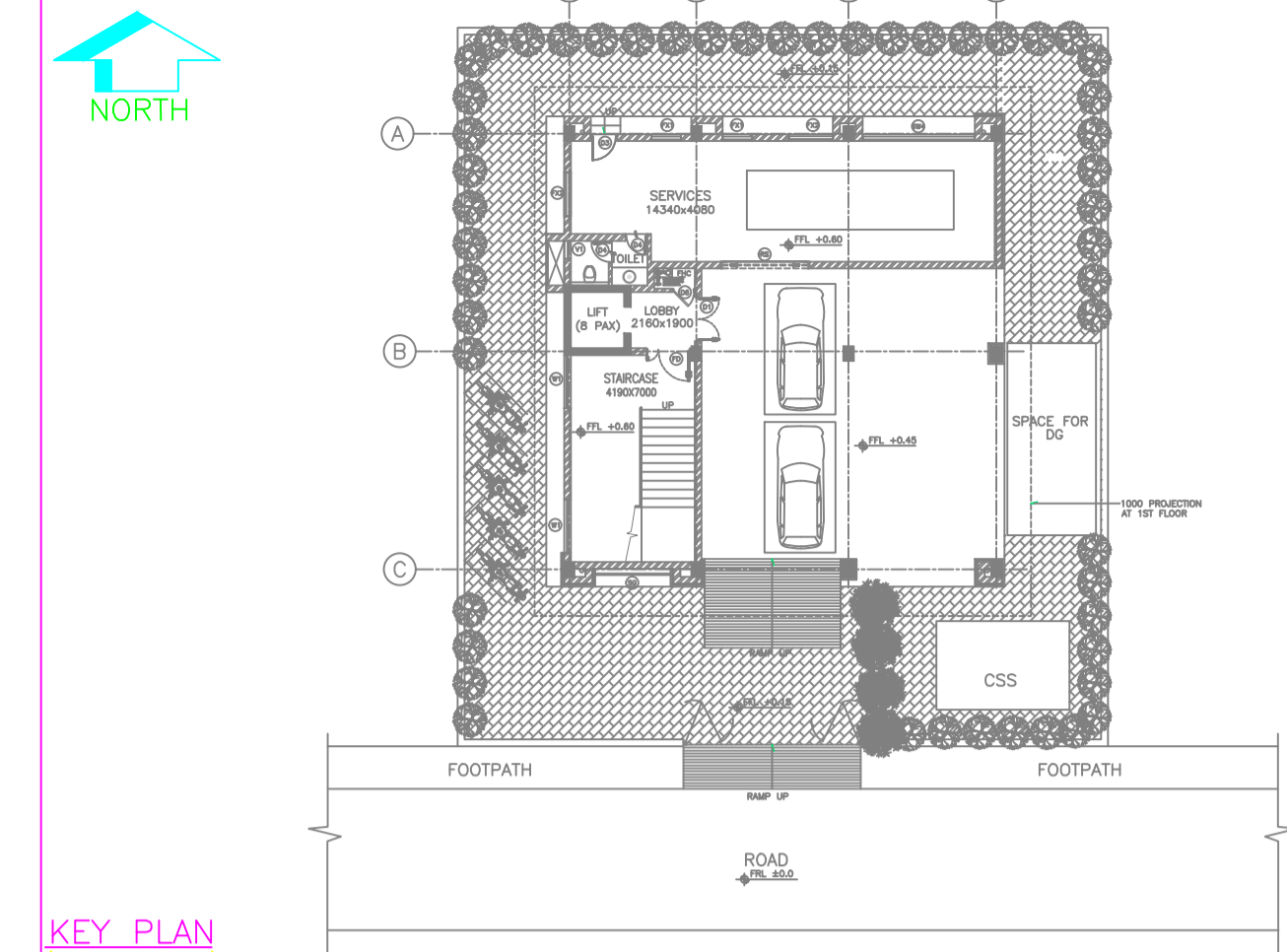
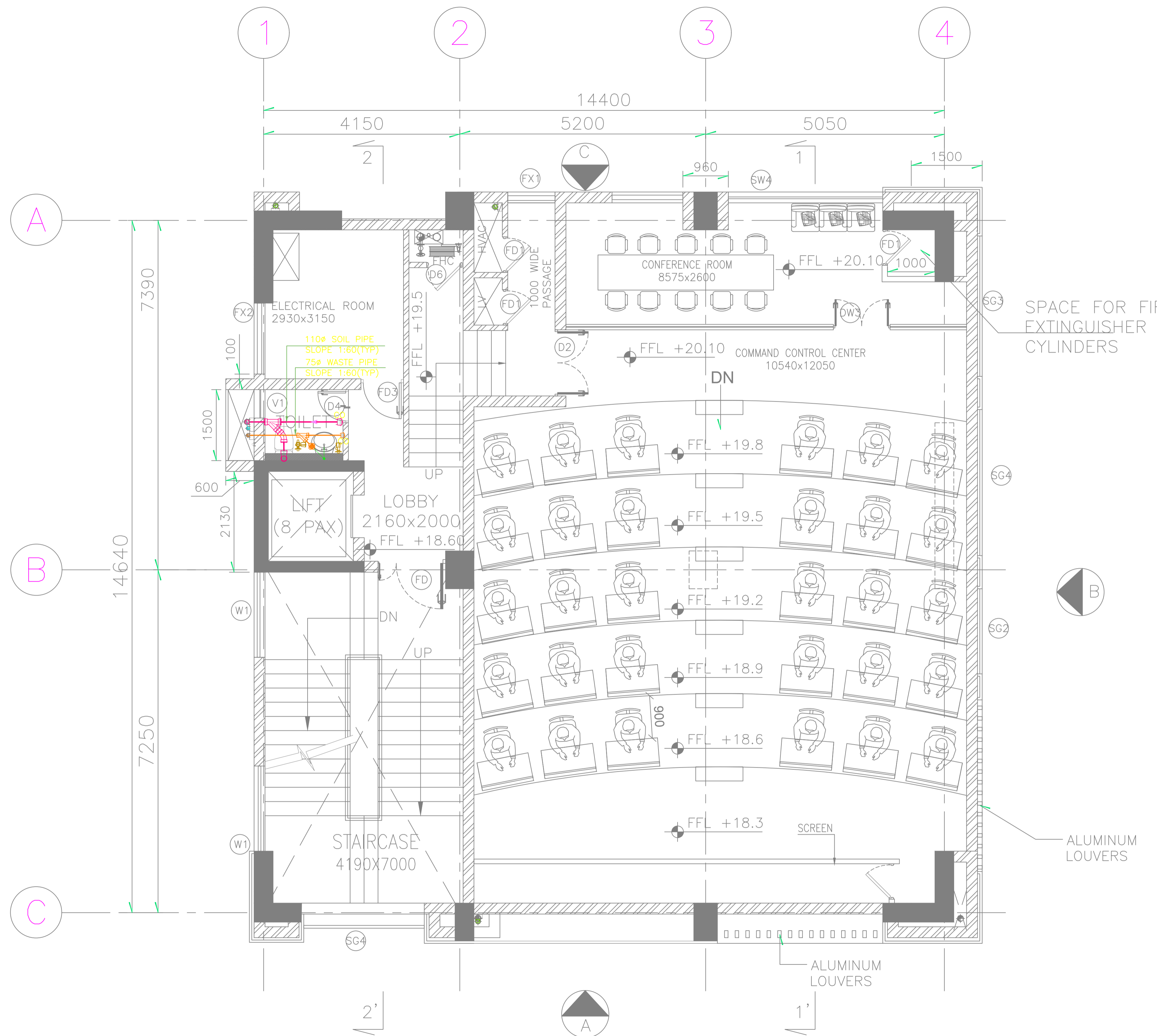
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2		DWS FROM UGT TO OHT PIPE
3		Ø110mm WASTE PIPE
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5		Ø110mm RAIN WATER PIPE
6		Ø75mm VENT PIPE
7		FT FLOOR TRAP/ DEEP SEAL 'P' TRAP
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9		BV BALL VALVE

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GUWAHATI SMART CITY DEVELOPMENT AGENCY LTD.
SMART CITY MISSION GUWAHATI
WATER SUPPLY LAYOUT OF SECOND FLOOR

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LEGENDS :-

1	Blue line	DOMESTIC WATER SUPPLY PIPE
2	Magenta line	DWS FROM UGT TO OHT PIPE
3	Orange line	Ø110mm WASTE PIPE
4	Red line	Ø110mm SOIL PIPE
5	Green line	Ø110mm RAIN WATER PIPE
6	Cyan line	Ø75mm VENT PIPE
7	Yellow circle	FT FLOOR TRAP/ DEEP SEAL 'P' TRAP
8	Brown square	CO FLOOR CLEAN OUT
9	Purple diamond	BV BALL VALVE

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SMART CITY MISSION GUWAHATI

DRAINAGE LAYOUT OF FOURTH FLOOR

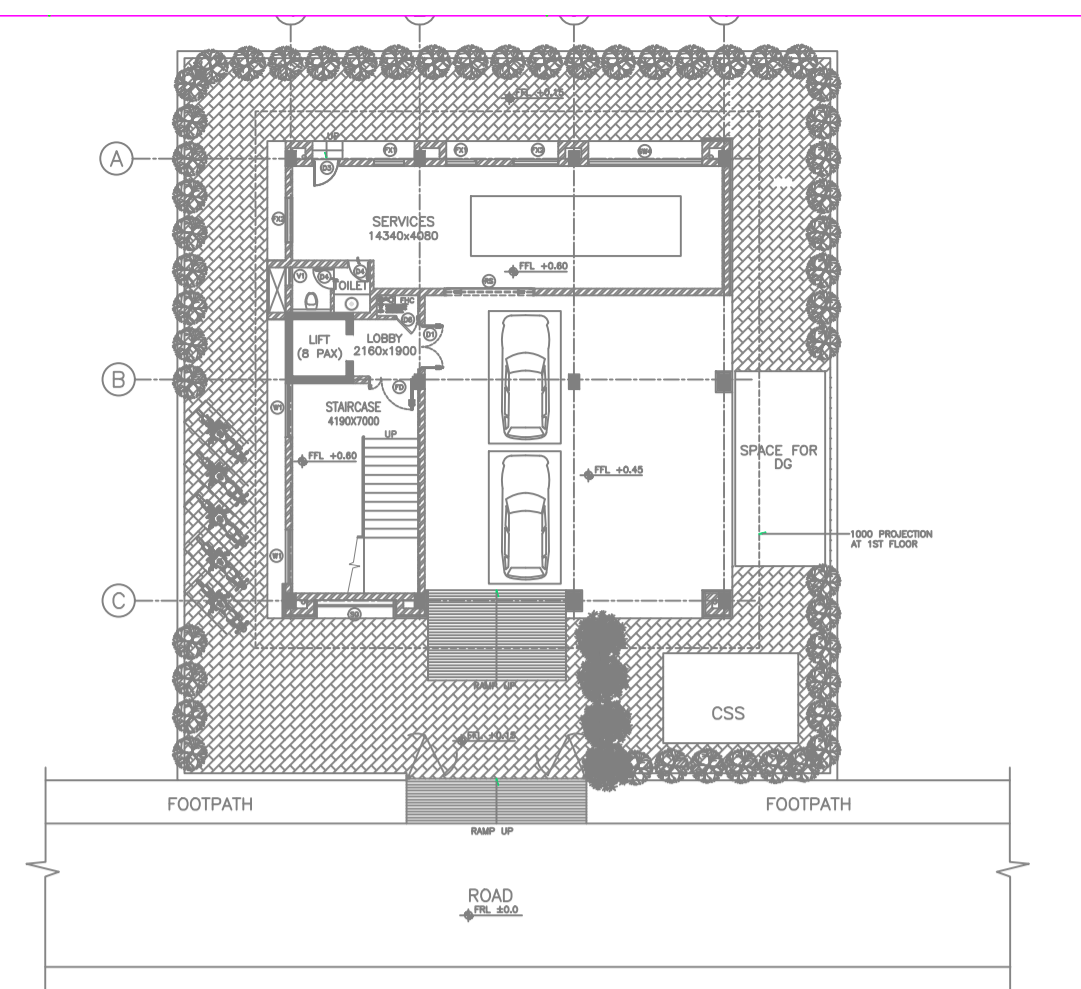
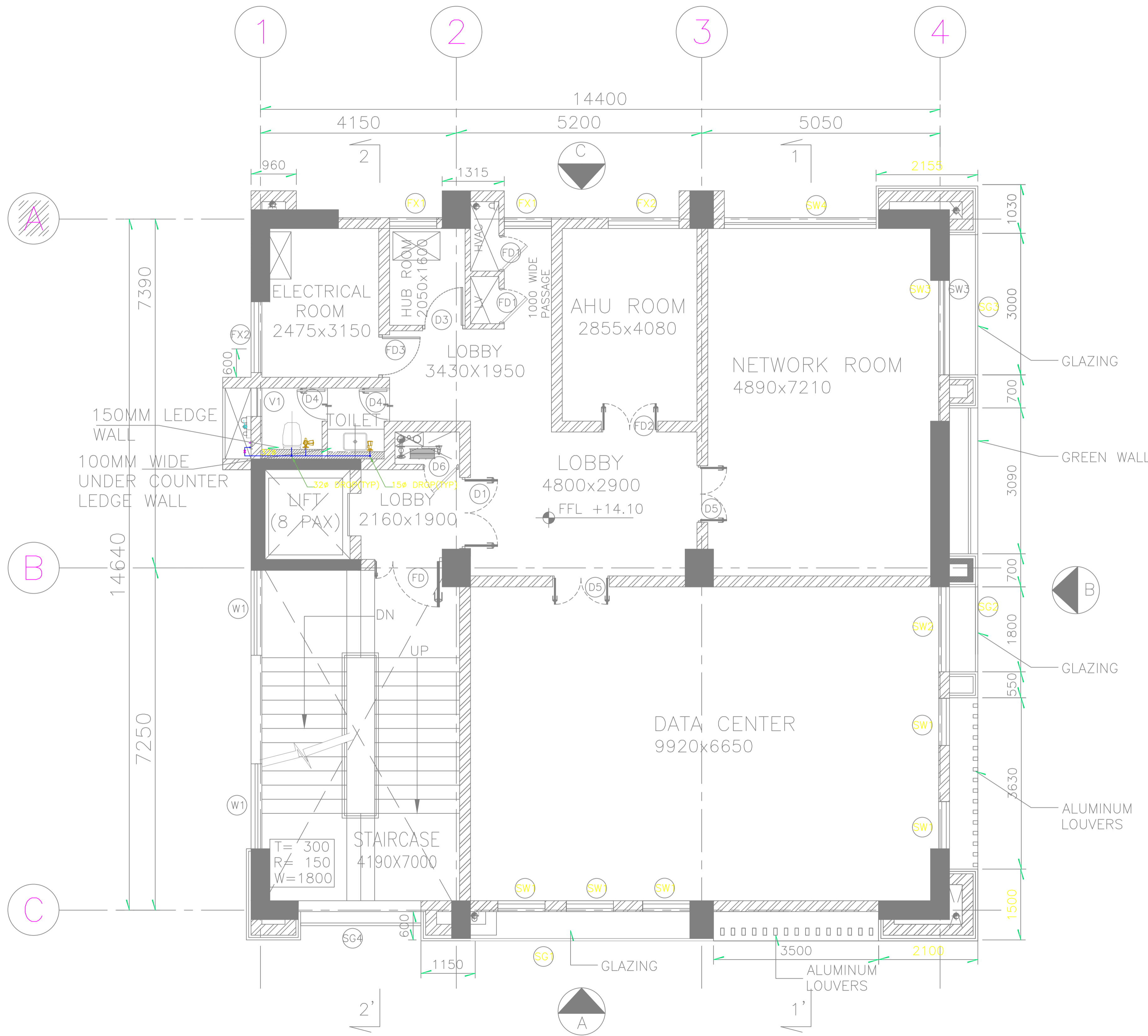
TATA CONSULTING ENGINEERS LIMITED
MUMBAI

SCALE : 1:100

DWG NO.

TCE.10477A-CV-819-6053

ISSUE PO



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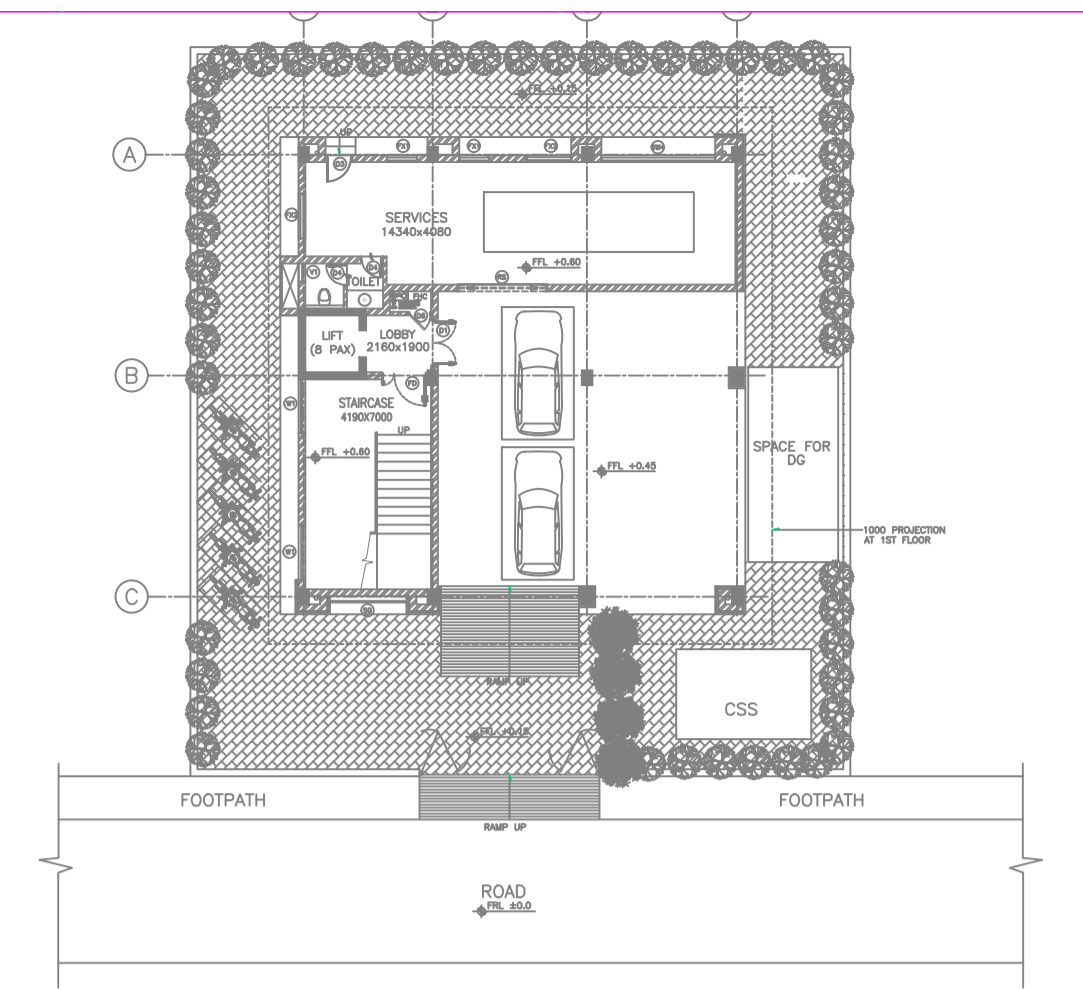
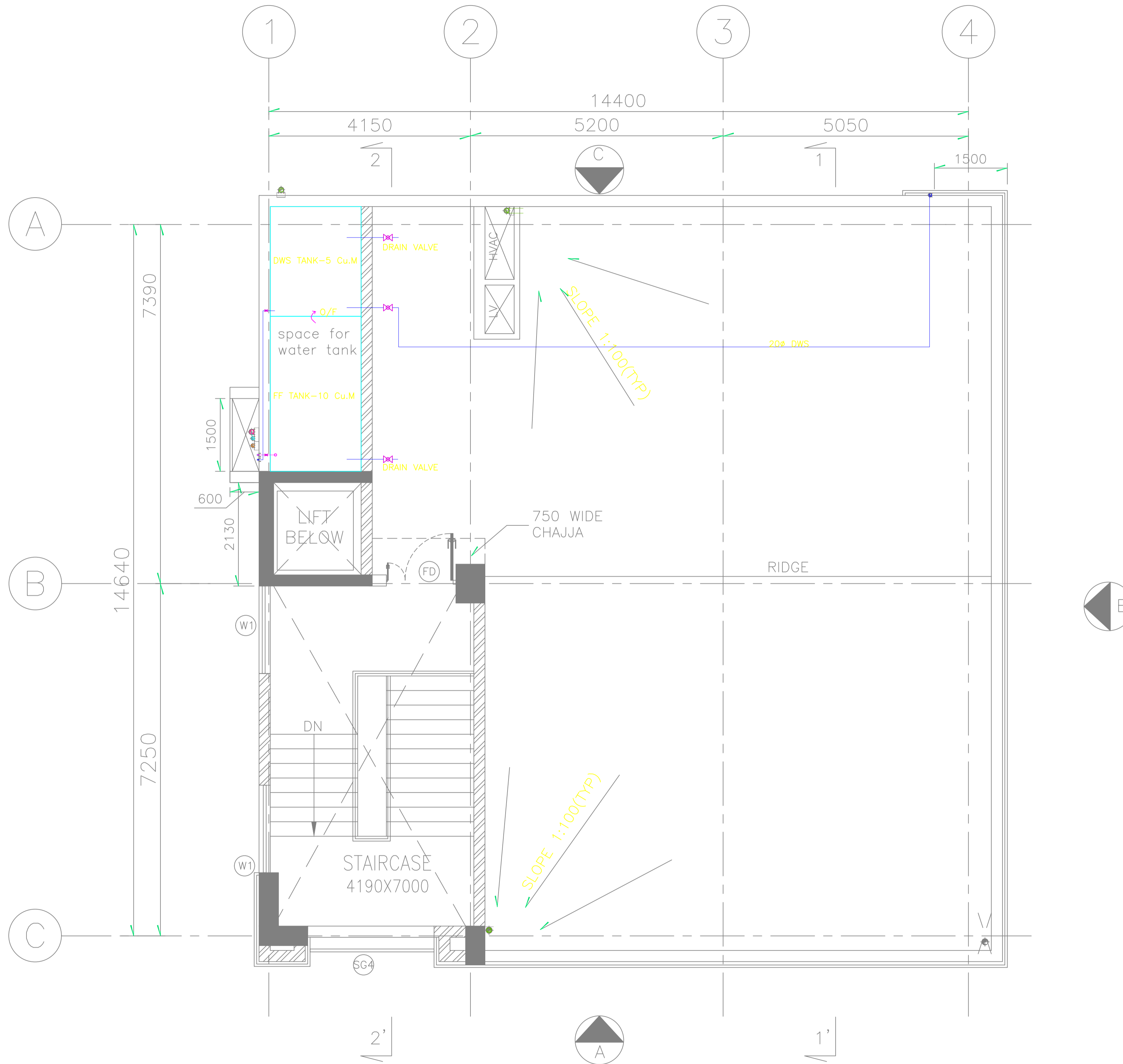
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 SMART CITY MISSION GUWAHATI
 WATER SUPPLY LAYOUT OF FOURTH FLOOR

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11. IN NO CASE DAMAGE TO STRUCTURAL ELEMENT IS PERMITTED FOR CONCEALED PIPING/CONDUITING. PROVIDE LEDGE WALLS AND CONCEALED ALL PIPES/CONDUITS WHEREVER REQUIRED.
12. FOR CUTOUT DETAILS REFER STRUCTURAL DRAWINGS.
13. THESE ARE TENDER PURPOSE DRAWINGS. EXACT ROUTING OF PIPES AND LOCATION CAN BE FINALISED DURING DETAILED ENGINEERING.

LEGENDS :-

1		DOMESTIC WATER SUPPLY PIPE
2		DWS FROM UGT TO OHT PIPE
3		Ø110mm WASTE PIPE
4		Ø110mm SOIL PIPE
5		Ø110mm RAIN WATER PIPE
6		Ø75mm VENT PIPE
7		FLOOR TRAP/ DEEP SEAL 'P' TRAP
8		FLOOR CLEAN OUT
9		BALL VALVE

SIGN.																			
INITIALS																			
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	MR	MA	MAM	IC	ME	PL	HW	EXT	LS	PE/PM	APPD								
	DRN	DSN	CHD	CV	EL	IC	ME	PL	HW	EXT	LS	PE/PM	APPD						

GUWAHATI SMART CITY DEVELOPMENT AGENCY LTD.
SMART CITY MISSION GUWAHATI
DRAINAGE AND WATER SUPPLY LAYOUT OF TERRACE FLOOR

TATA CONSULTING ENGINEERS LIMITED
MUMBAI

SCALE : 1:50 DWG NO. TCE.10477A-CV-819-6054 ISSUE PO

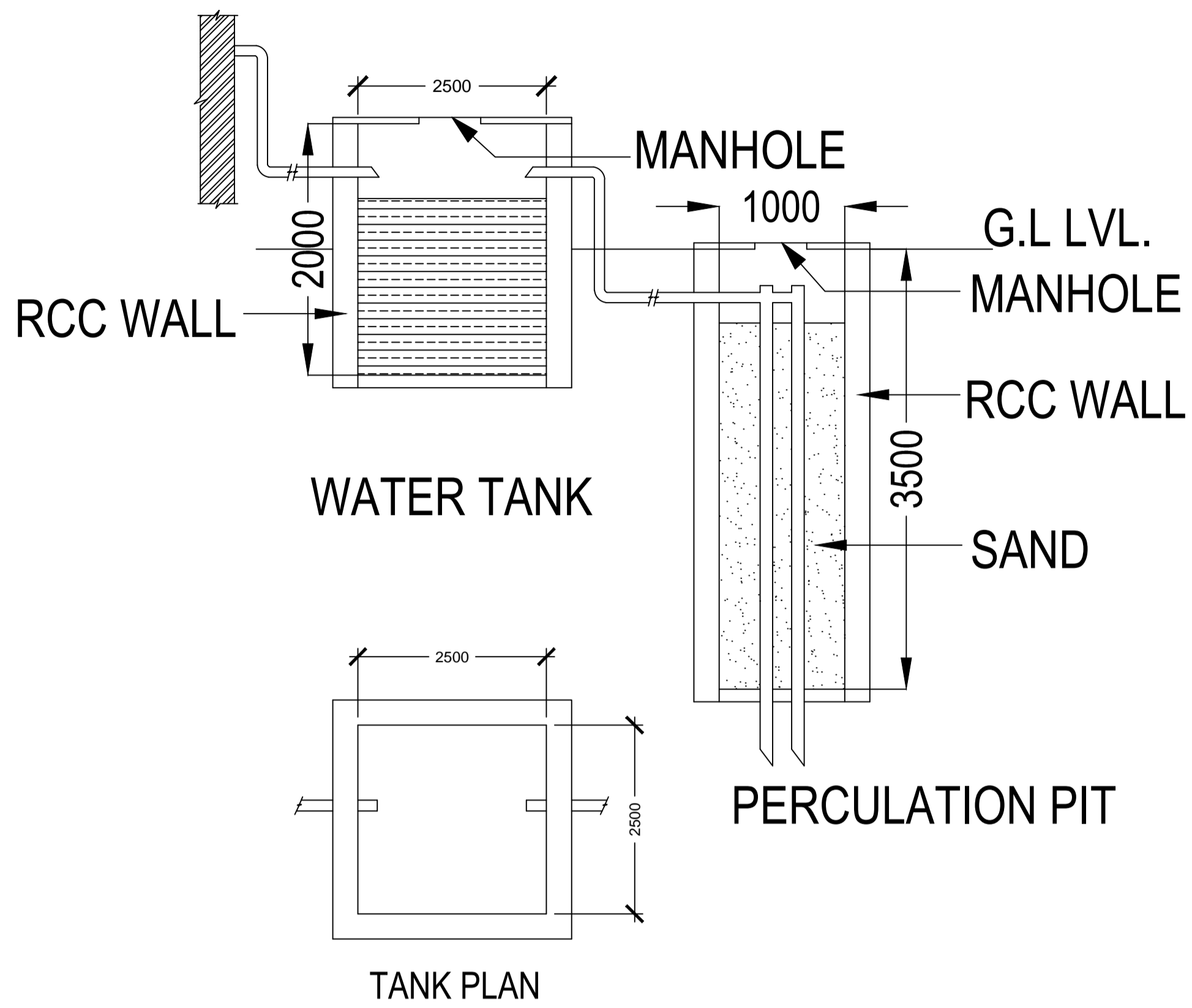
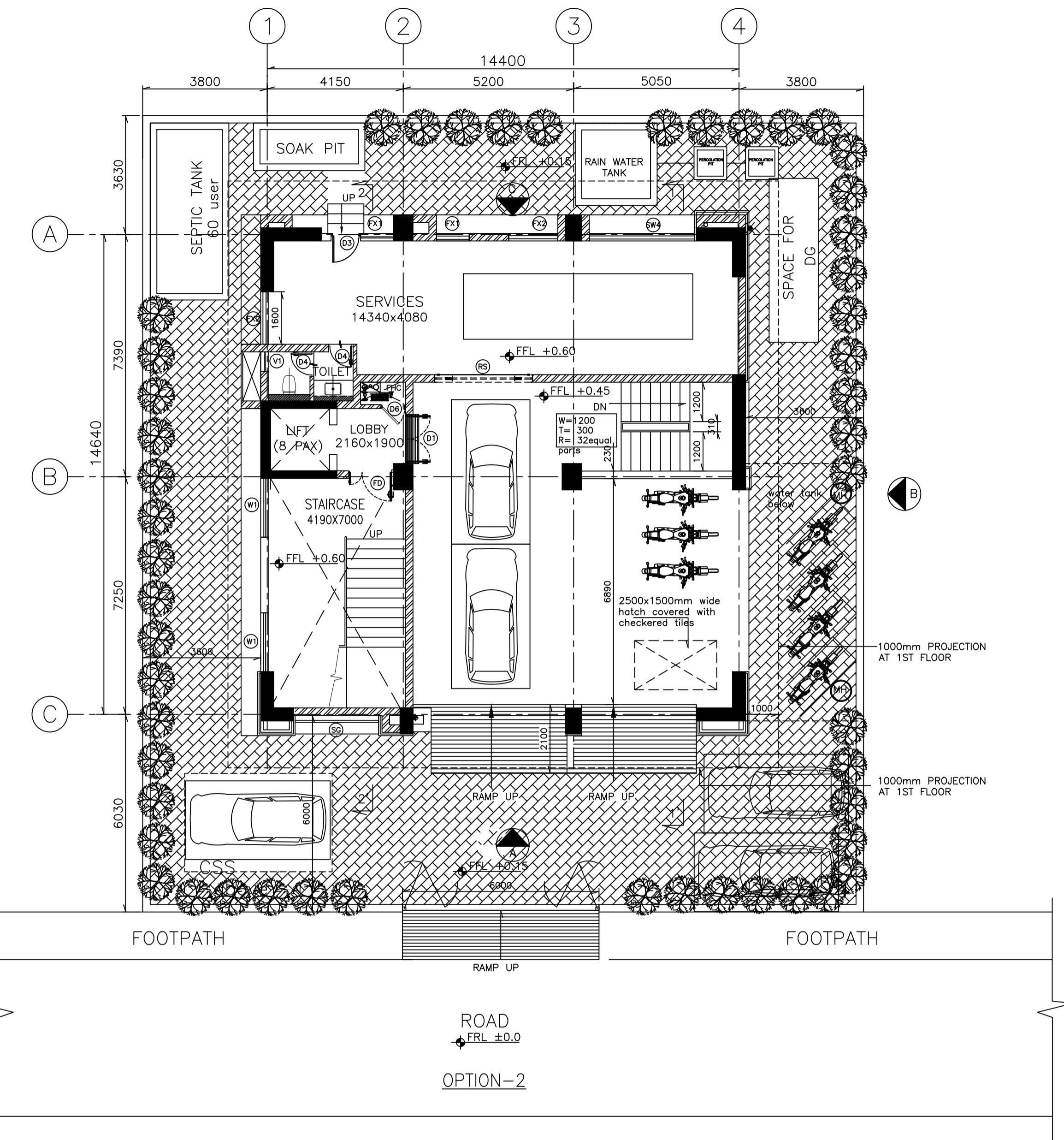
FOR TENDER PURPOSE ONLY

DO NOT SCALE

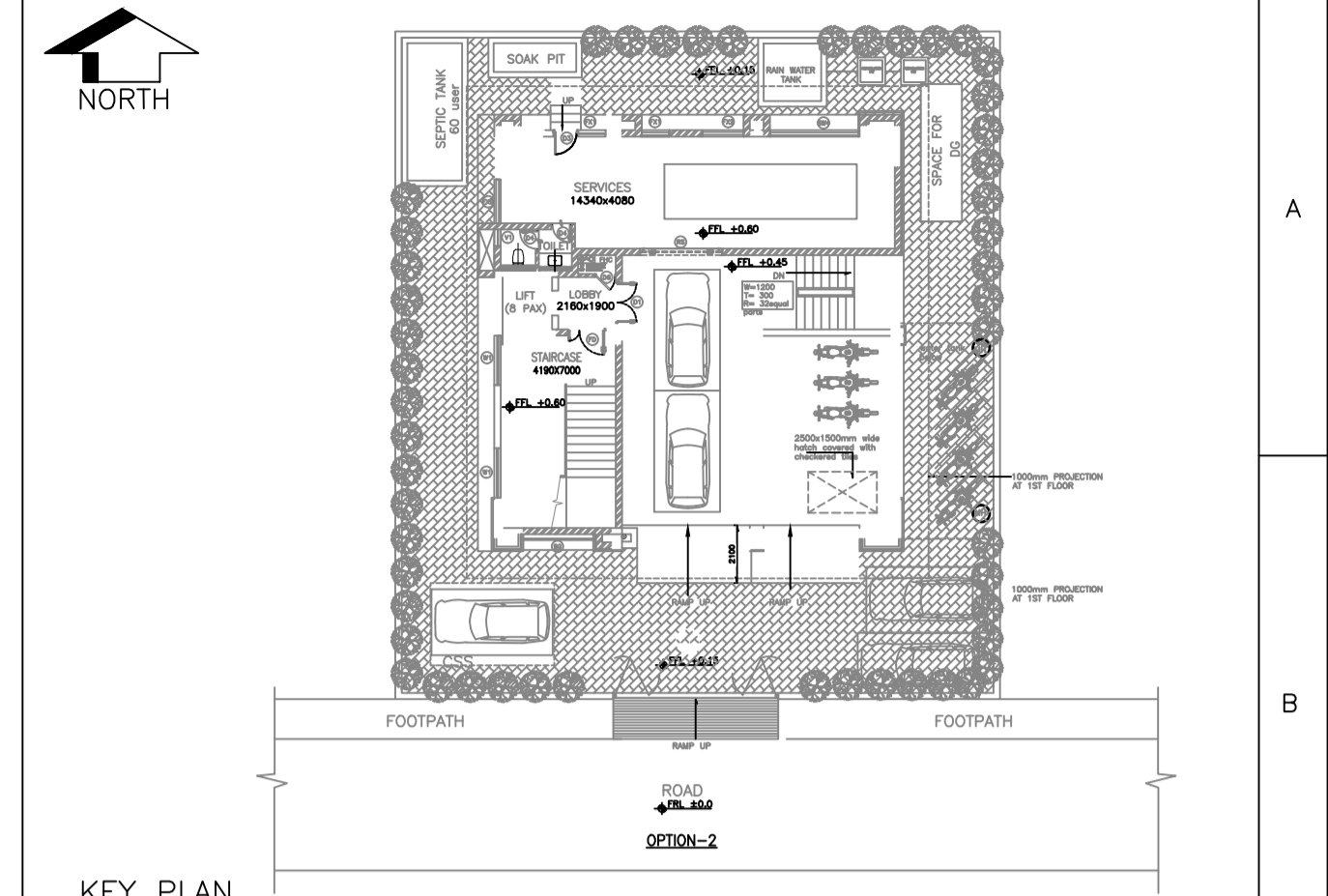
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CONSTRUCTION / FABRICATION WORK IS PERMITTED ON 'R' (RELEASED) ISSUES ONLY.

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TYP. SECTION OF RAIN WATER TANK



LEGEND:

[Hatched]	200/100 THK. BRICK MASONRY	FGL	FINISHED GROUND LEVEL	
[Solid]	DWG	DRAWING	RWP	RAIN WATER PIPE
[Line]	THK	THICK/THICKNESS	SQM	SQUARE METER
[T]	T	TREAD		
[R]	R	RISER		
[TYP]	TYP	TYPICAL		
[FFL]	FFL	FINISHED FLOOR LEVEL		

- NOTES:
- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METRES, UNLESS OTHERWISE NOTED.
 - ALL THE DIMENSIONS SHALL BE CHECKED AND VERIFIED AT SITE.
 - DRAWING SHALL NOT BE SCALED, WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 - ALL FLOOR LEVELS MENTIONED ARE FINISHED FLOOR LEVELS UNLESS OTHERWISE NOTED.
 - ALL DIMENSIONS ARE INDICATED CONSIDERING UNPLASTERED MASONRY/ CONCRETE UNLESS OTHERWISE NOTED.

ENGINEERING REFERENCE DRAWINGS/DOCUMENTS:

DOOR SCHEDULE

DOOR TAG	WIDTH	HEIGHT	CILL	LINTEL	TOTAL NO.	DESCRIPTION
D1	1500	2400	00	2400	5	DOUBLE LEAF ALUMINUM TOUGHENED GLAZED DOOR
D2	1400	2400	00	2400	1	DOUBLE LEAF ALUMINUM TOUGHENED GLAZED DOOR
D3	900	2100	00	2100	9	SINGLE LEAF FLUSH DOOR
D4	750	2100	00	2100	9	SINGLE LEAF FRP DOOR WITH FRP FRAME
D5	1200	2100	00	2100	2	DOUBLE LEAF ALUMINUM TOUGHENED GLAZED/ SOLID PANEL DOOR
D6	750	1800	300	2100	5	SINGLE LEAF METAL DOOR FOR FHC
FD	1450	2400	0	2400	5	2hr FIRE RATED FIRE DOOR
FD1	750	1800	300	2100	8	2hr FIRE RATED FIRE DOOR
FD2	1200	2100	0	2100	2	2hr FIRE RATED FIRE DOOR
FD3	900	2100	0	2100	4	2hr FIRE RATED FIRE DOOR
RS	3000	3000	0	3000	1	METAL ROLLING SHUTTER
DW1	2850	2100	0	2100	1	FRAME LESS GLASS DOOR
DW2	3000	2100	0	2100	1	FRAME LESS GLASS DOOR
DW3	8475	2100	0	2100	1	FRAME LESS GLASS DOOR
TOTAL						54

WINDOW SCHEDULE

WINDO W TAG	WIDTH	HEIGHT	CILL	LINTEL	TOTAL NO.	DESCRIPTION
W1	1800	1500	300 from stair landing	AS/DETAIL	10	FULLY GLAZED ALUMINUM OPENABLE WINDOW
SW1	1000	1500	900	2400	29	FULLY GLAZED (TOUGHENED) ALUMINUM SLIDING WINDOW
SW2	1800	1500	900	2400	2	FULLY GLAZED (TOUGHENED) ALUMINUM SLIDING WINDOW
SW3	2000	1500	900	2400	3	FULLY GLAZED (TOUGHENED) ALUMINUM SLIDING WINDOW
SW4	3200	1500	900	2400	5	FULLY GLAZED (TOUGHENED) ALUMINUM SLIDING WINDOW
FX1	1000	1500	900	2400	9	FULLY GLAZED (TOUGHENED) ALUMINUM FIXED WINDOW
FX2	900	1500	900	2400	10	FULLY GLAZED (TOUGHENED) ALUMINUM FIXED WINDOW
V1	600	600	1500	2100	5	FULLY GLAZED ALUMINUM VENTILATORS
TOTAL						73

GLAZING SCHEDULE

GLAZING TAG	WIDTH	HEIGHT	CILL	LINTEL	TOTAL NO.	DESCRIPTION
SG	2550	2550	400	3000	1	STRUCTURAL GLAZING
SG1	4600	19500	0	19500	1	STRUCTURAL GLAZING
SG2	1480	19500	0	19500	1	STRUCTURAL GLAZING
SG3	3000	19500	0	19500	1	STRUCTURAL GLAZING
SG4	3240	5400	0	19500	1	STRUCTURAL GLAZING
TOTAL						5

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FILE NAME : TCE.10477A-AC-1007-AC-10101

SIGNATURES:

PO SIGNATURES:

DRN	DSN	CHD	CV	EL	IC	ME	PL	HVAC	EXT	LS	PE/PM	APPD	DATE
													05-05-2020

ISSUE

GUWAHATI SMART CITY DEVELOPMENT AGENCY LTD.

SMART CITY MISSION GUWAHATI

RAIN WATER HARVESTING ARRANGEMENT

TATA CONSULTING ENGINEERS LIMITED

MUMBAI

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DC & DISC: DEL-AC

TCE FORM NO. 091 R0