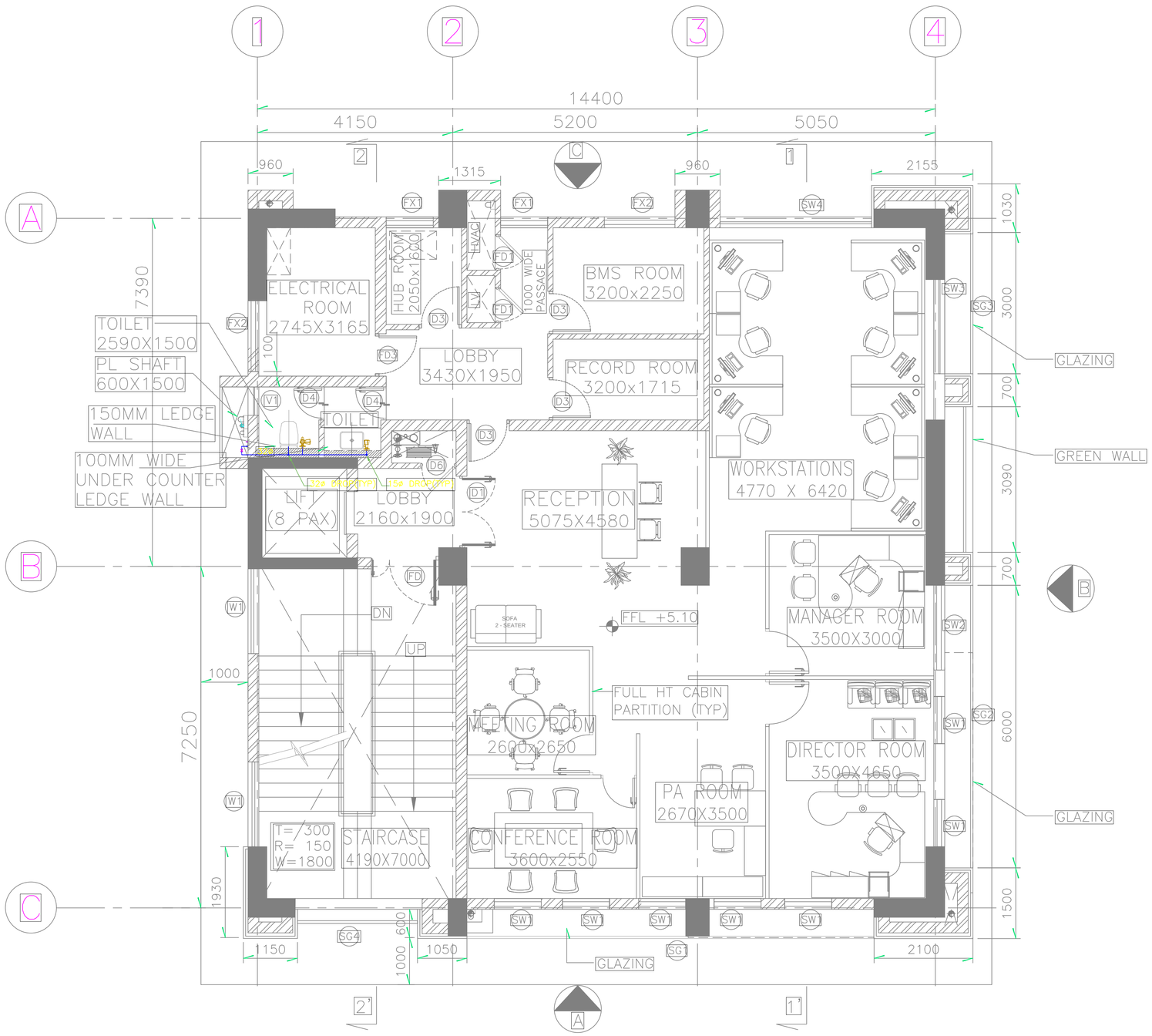
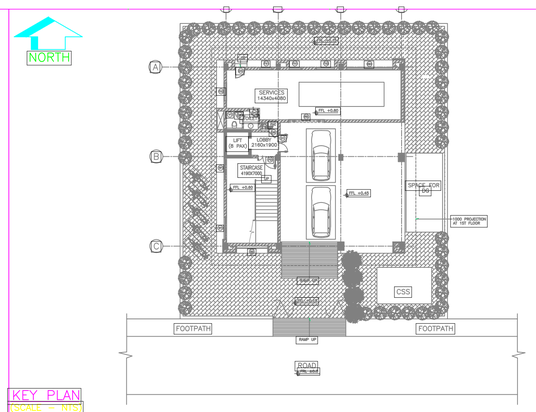
WATER SUPPLY LAYOUT OF TYPICAL TOILET BLOCK OF FIRST AND THIRD FLOOR
TCE.10477A-CV-819-6051A



1ST FLOOR PLAN



KEY PLAN
SCALE - NTS

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FILE NAME : TCE.10477A-CV-819-6051APO.dwg

GUWAHATI SMART CITY LIMITED

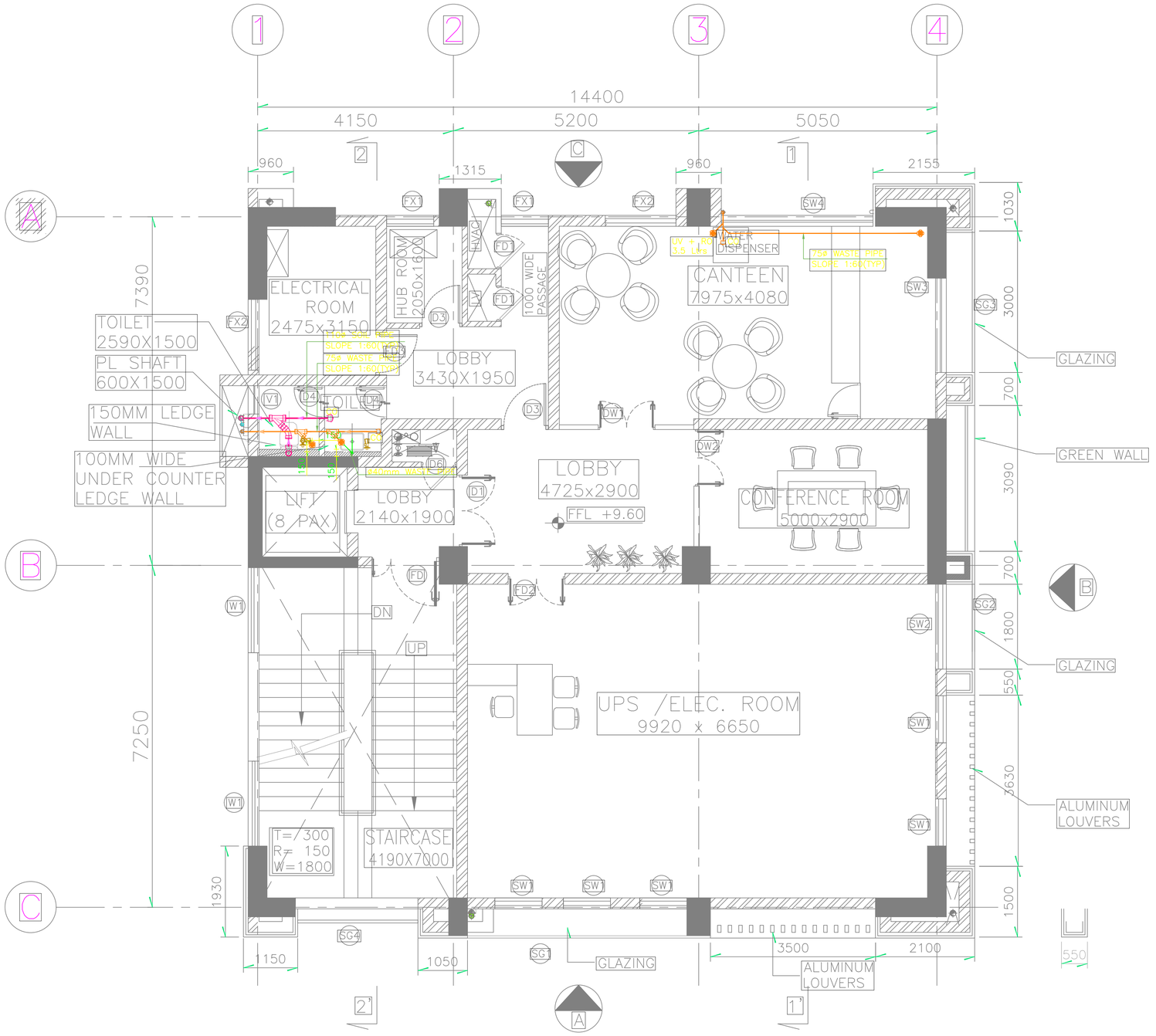
WATER SUPPLY LAYOUT OF TYPICAL TOILET BLOCK OF FIRST AND THIRD FLOOR

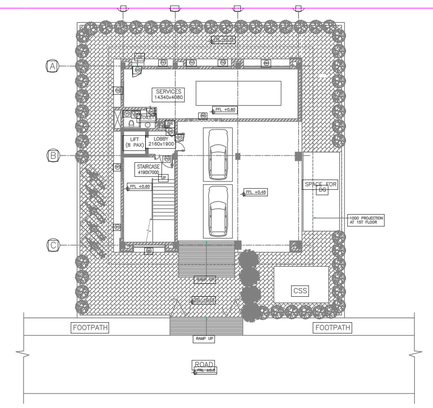
TATA CONSULTING ENGINEERS LIMITED
MUMBAI

SCALE	1:100	DWG. NO.	TCE.10477A-CV-819-6051A
DC & DISC	PN-ME	ISSUE	PO

TCE.10477A-CV-819-6052
DWG NO.

DRAINAGE LAYOUT OF SECOND FLOOR
TITLE





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FILE NAME: T0477A-CV-819-6052P0.dwg

GUWAHATI SMART CITY LIMITED

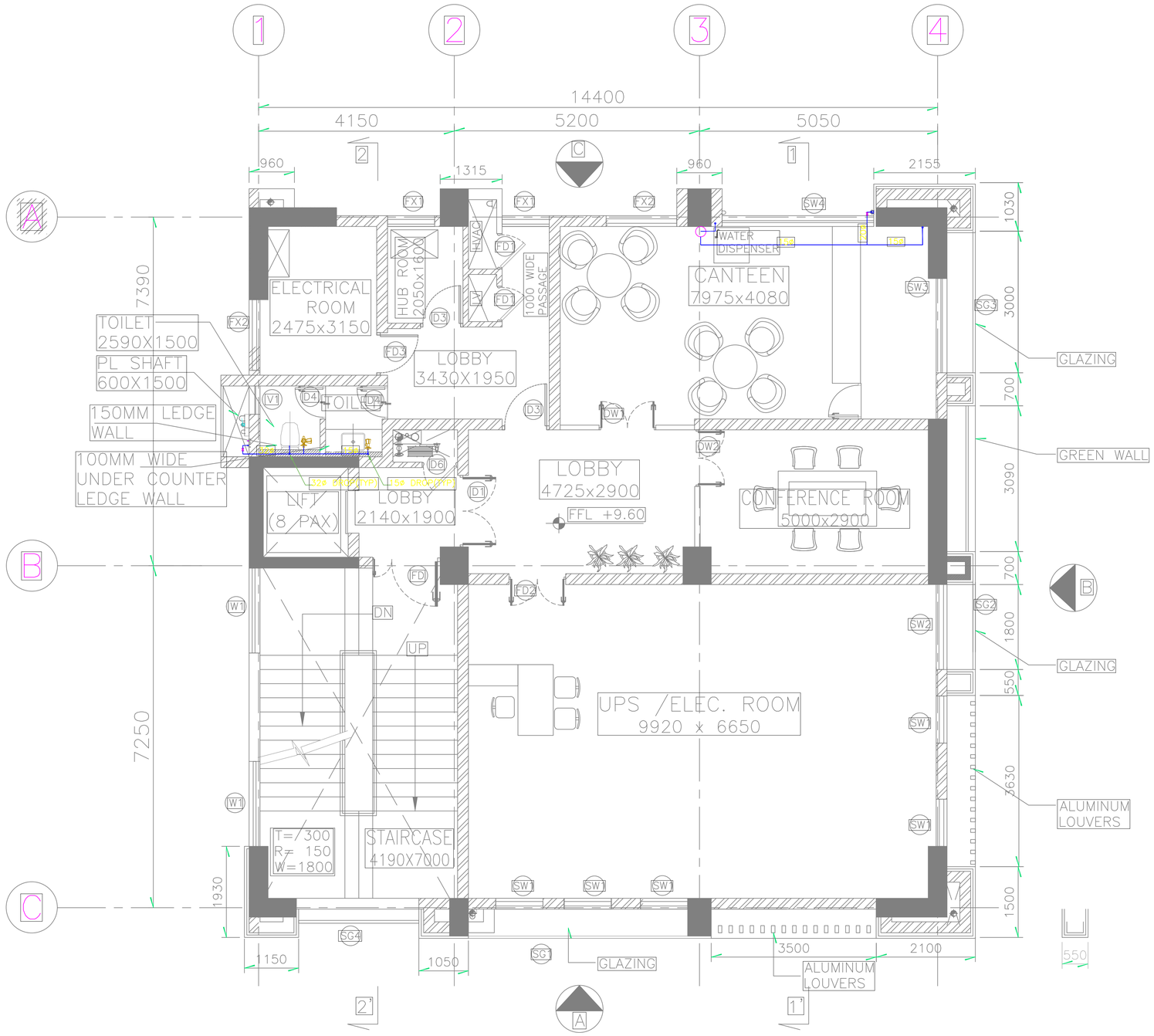
DRAINAGE LAYOUT OF SECOND FLOOR

TATA CONSULTING ENGINEERS LIMITED
MUMBAI

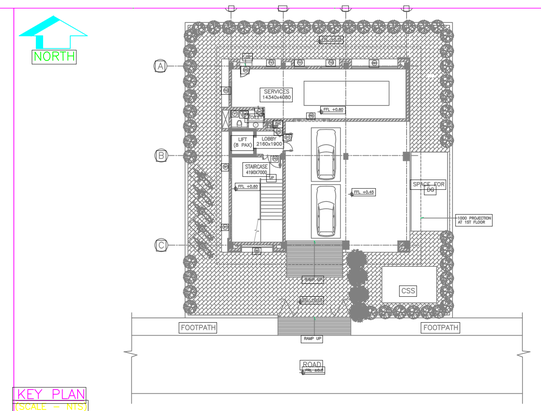
SCALE	1:100	DWG NO.	TCE.10477A-CV-819-6052
DC & DISC	PN-ME		ISSUE P0

DWG NO. TCE.10477A-CV-819-6052A

TITLE WATER SUPPLY LAYOUT OF SECOND FLOOR



2nd FLOOR PLAN



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GUWAHATI SMART CITY LIMITED

WATER SUPPLY LAYOUT OF SECOND FLOOR

TATA CONSULTING ENGINEERS LIMITED
MUMBAI

SCALE	1:100	DWG NO.	TCE.10477A-CV-819-6052A
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TCE.10477A-CV-819-6053
DWG NO
DRAINAGE LAYOUT OF FOURTH FLOOR
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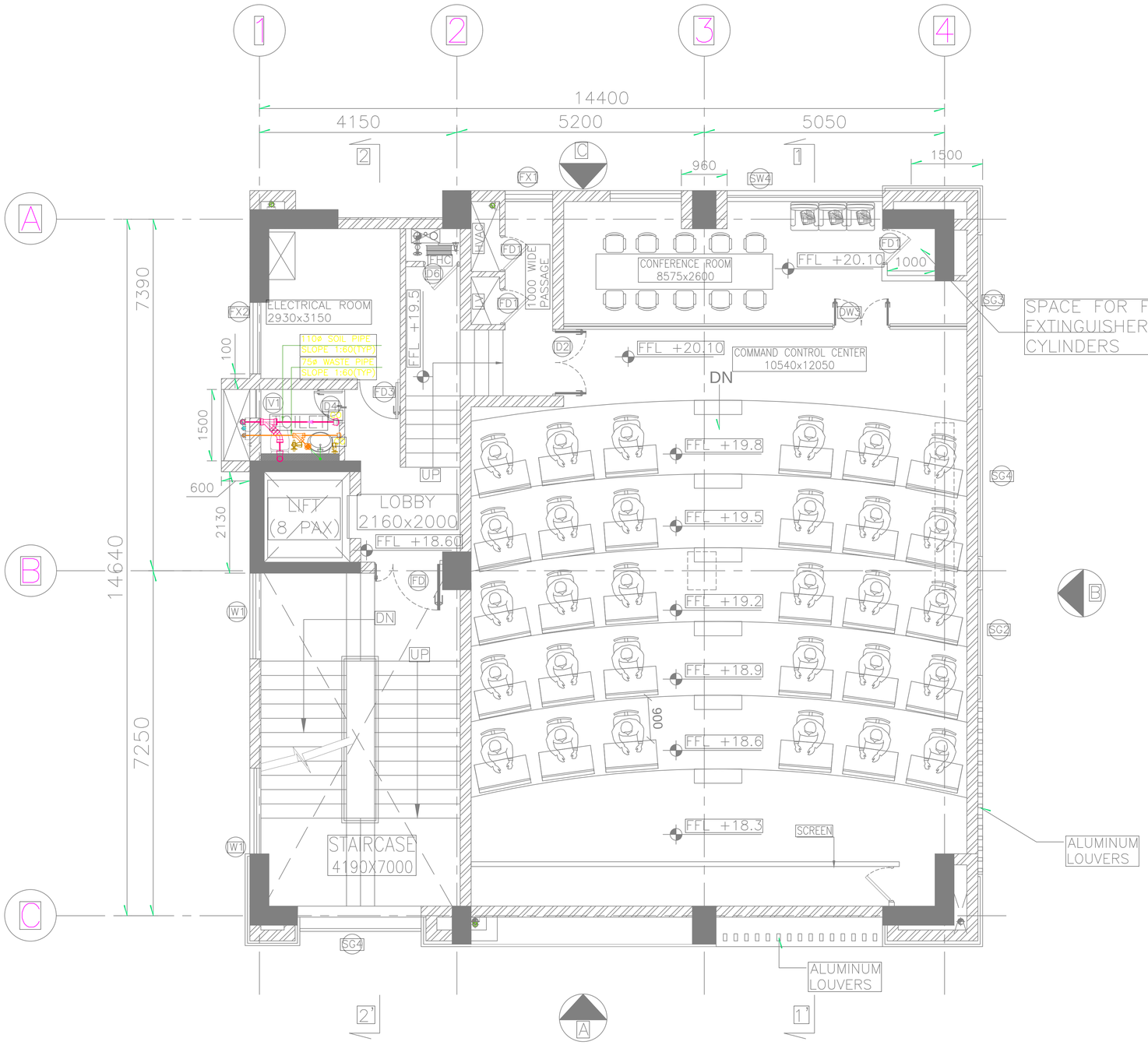

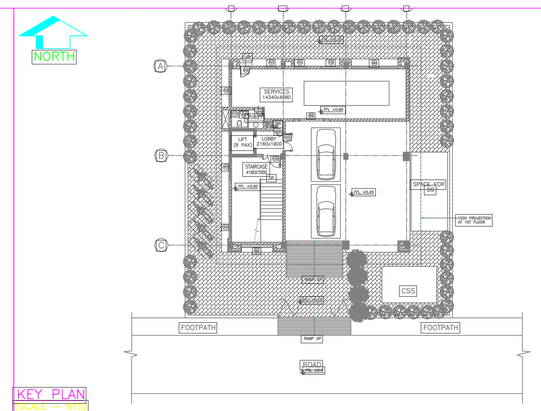

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DRAINAGE LAYOUT OF FOURTH FLOOR

TATA CONSULTING ENGINEERS LIMITED
MUMBAI

SCALE 1:100
DC & DSC: DN-ME
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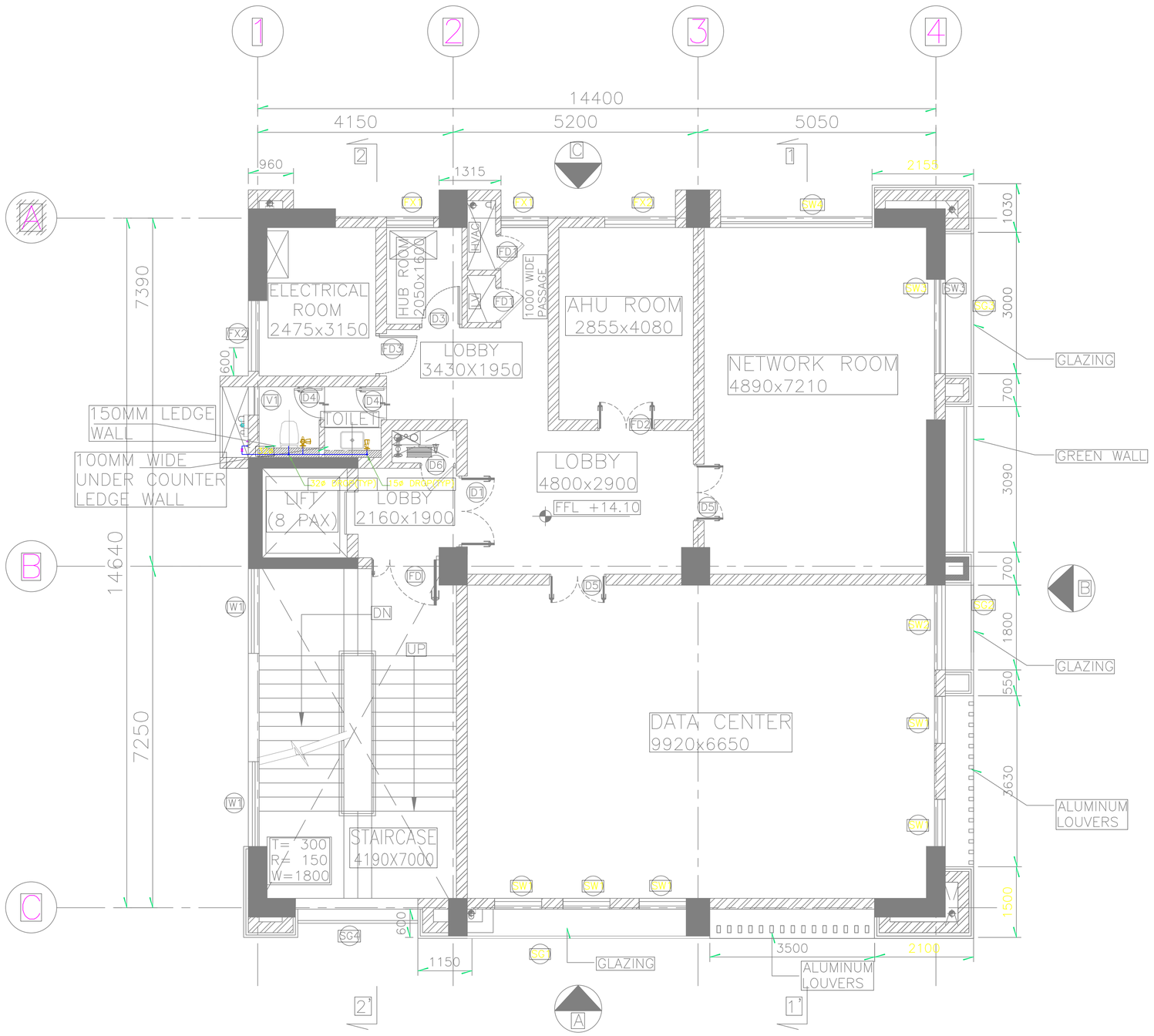

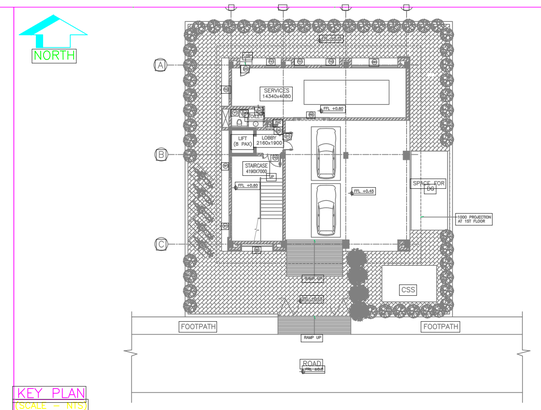

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FILE NAME: 10477A-CV-819-6053APO.dwg

GUWAHATI SMART CITY LIMITED

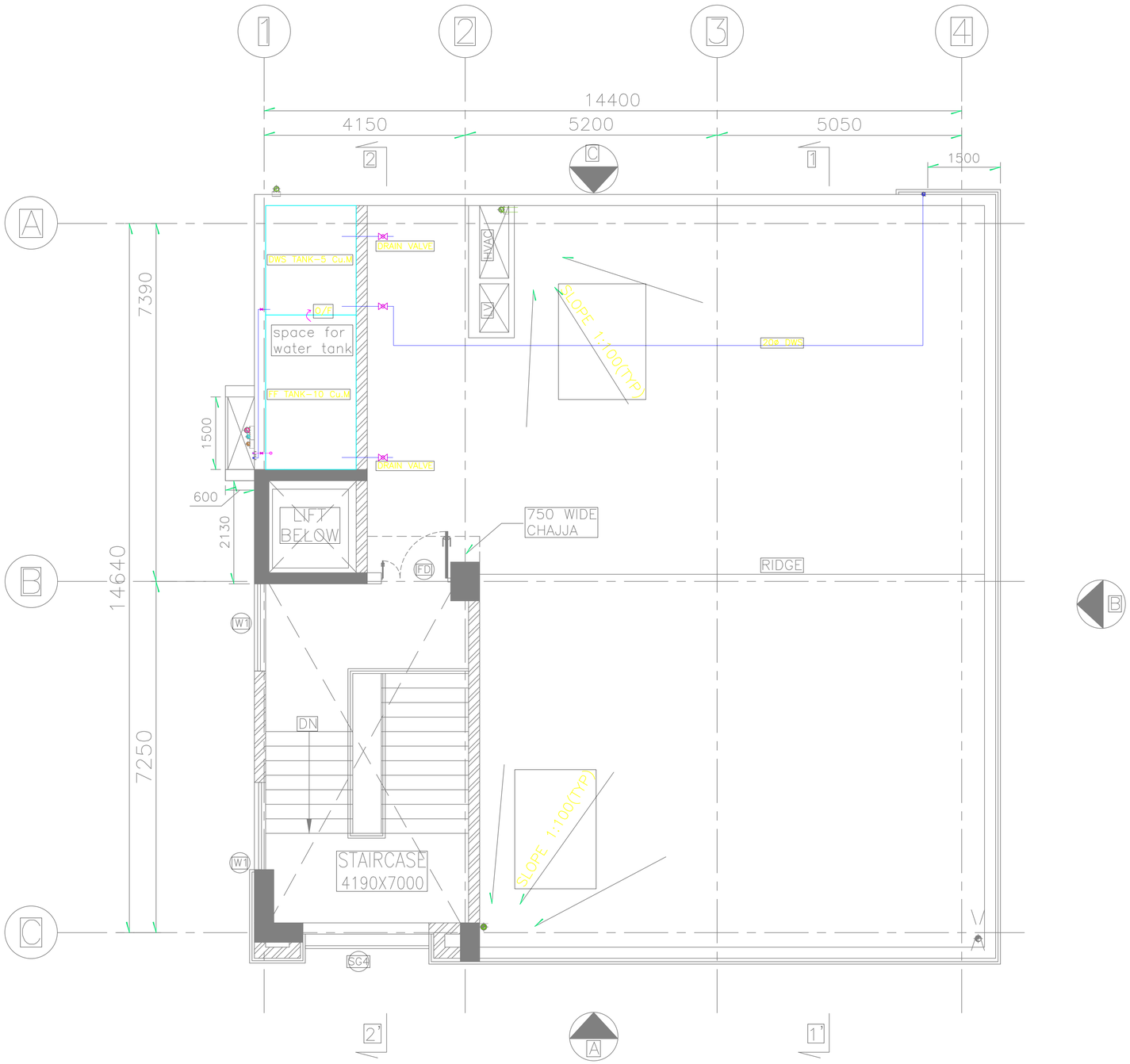
WATER SUPPLY LAYOUT OF FOURTH FLOOR

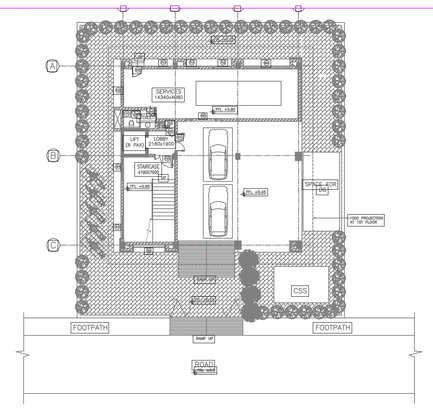
TATA CONSULTING ENGINEERS LIMITED
MUMBAI

SCALE	B 1:100	DWG NO.	TCE.10477A-CV-819-6053A
DC & DISC	PN-ME	ISSUE	PO

TCE.10477A-CV-819-6054 DWG NO

DRAINAGE AND WATER SUPPLY LAYOUT OF TERRACE FLOOR TITLE





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.
9. NECESSARY CUTOUTS / SLEEVES/ INSERTS ETC AS REQUIRED SHALL BE PROVIDED AT THE TIME OF & CHECKED FOR THEIR CORRECT POSITION BEFORE & AFTER CONCRETING. ALL SUCH CUTOUTS / SLEEVES/ INSERTS ETC SHALL BE APPROVED BY THE STRUCTURAL ENGINEER IN ADVANCE.
10. FLOOR LAYOUT, DIMENSIONS & LEVELS ARE BASED ON ARCHITECTURAL DRAWINGS FURNISHED AT THE TIME OF PREPARATION OF THE RESPECTIVE DRAWINGS. REFER LATEST ARCHITECTURAL LAYOUT BEFORE CARRYING OUT THE WORK. DISCREPANCY, IF ANY,TO BE GOT CLARIFIED FROM THE SITE INCHARGE & NECESSARY MODIFICATIONS TO BE CARRIED OUT AT SITE.
11. IN NO CASE DAMAGE TO STRUCTURAL ELEMENT IS PERMITTED FOR CONCEALED PIPING/CONDUTING. 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	FT	FLOOR TRAP/ DEEP SEAL 'P' TRAP
8	CO	FLOOR CLEAN OUT
9	BV	BALL VALVE

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FOR TENDER PURPOSE ONLY

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FILE NAME : 10477A-CV-819-6054P0.dwg

GUWAHATI SMART CITY LIMITED

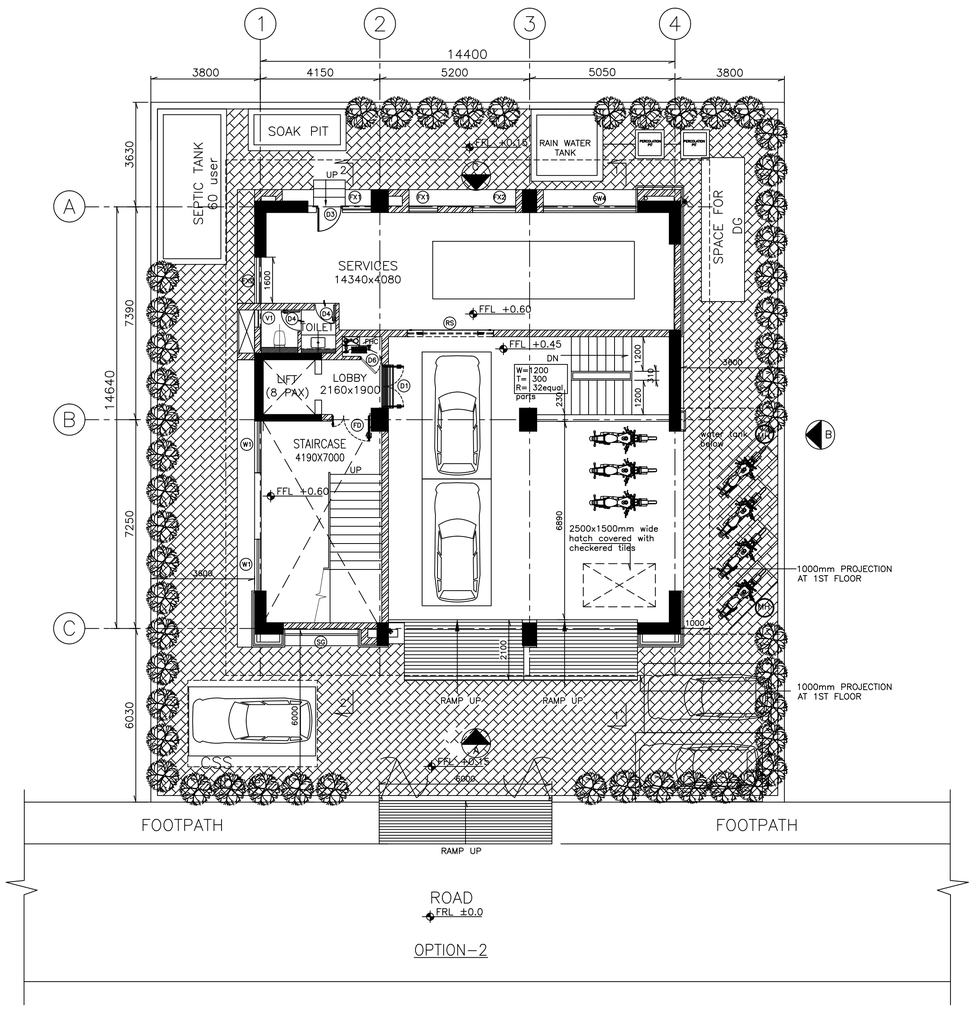
DRAINAGE AND WATER SUPPLY LAYOUT OF TERRACE FLOOR

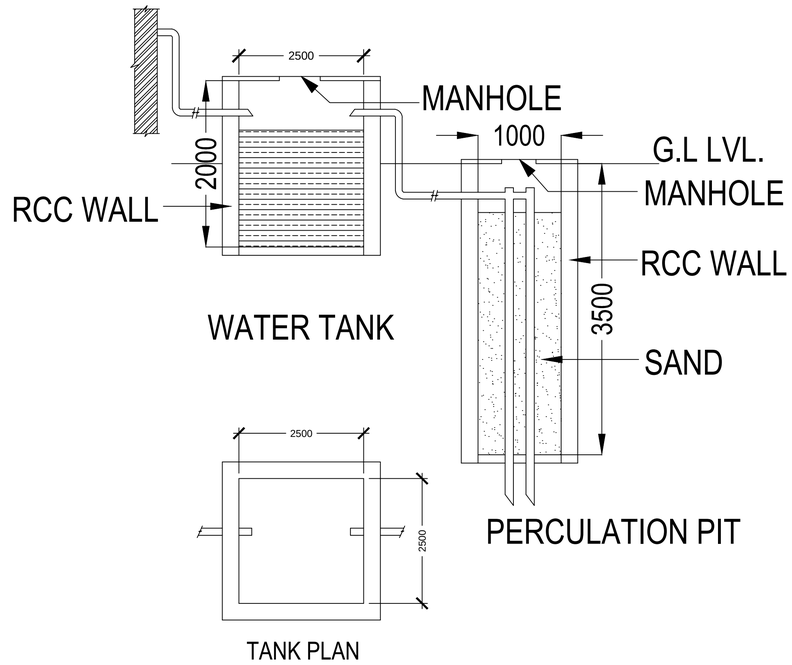
TATA CONSULTING ENGINEERS LIMITED
MUMBAI

SCALE	B 1:50	DWG NO.	TCE.10477A-CV-819-6054
DC & DSC	PN-ME		ISSUE P0

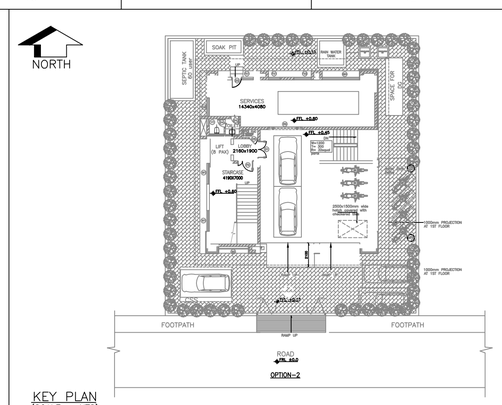
TITLE: BASEMENT & GROUND FLOOR PLAN

DWG NO TCE.10477A-AC-1007-AC-10101





TYP. SECTION OF RAIN WATER TANK



KEY PLAN
(SCALE – NTS)

LEGEND:

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

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METRES, UNLESS OTHERWISE NOTED.
2. ALL THE DIMENSIONS SHALL BE CHECKED AND VERIFIED AT SITE.
3. DRAWING SHALL NOT BE SCALED, WRITTEN DIMENSIONS SHALL BE FOLLOWED.
4. ALL FLOOR LEVELS MENTIONED ARE FINISHED FLOOR LEVELS UNLESS OTHERWISE NOTED.
5. 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

WINDOW 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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ISSUE		DRN	DSN	CHD	CV	EL	IC	ME	PL	HVAC	EXT	LS	PE/PM	APPD	DATE
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Guwahati Smart city Limited

SMART CITY MISSION GUWAHATI

RAIN WATER HARVESTING ARRANGEMENT

TATA CONSULTING ENGINEERS LIMITED

MUMBAI

SCALE : 1:100

DC & DISC : DEL-AC

DWG NO. TCE.10477A-CV-819-6055

ISSUE P0

SIZE-A1

FILE NAME: F-091-Rev-R0.dwg

TCE FORM NO. 091 R0