

Additions			
Description	Length (mm)	Breadth (mm)	No. of repetitions
Area of rectangle A	36410	27650	1
Total of all Additions A			1014.019

PLUMBING LEGEND:	
1	1000 SOIL PIPE
2	1000 WASTE PIPE
3	1000 ANTISHOCK PIPE
4	DWS ON TAKE PIPE BELOW THE 20TH FLOORS
4a	DWS FROM BOOSTER PUMP FOR TOP TWO FLOORS
4b	DWS ON TAKE PIPE ABOVE THE 20TH FLOORS
5	DWS ON TAKE PIPE BELOW THE 20TH FLOORS
5a	DWS ON TAKE PIPE ABOVE THE 20TH FLOORS
6	110 Ø PVC TERRACE RAIN WATER PIPE
7	110 Ø PVC BALCONY DRAIN PIPE
8	DOMESTIC WATER SUPPLY RISER
9	FLUSHING WATER SUPPLY RISER

TOWER C-D	
REFUGE AREA CALCULATION AS NBC 2016 ANNEX 5.1.4	1244.32 SQM
COVERED AREA FOR 2 CONSECUTIVE FLOORS OCCUPANT LOAD @ 12.5 SQM/ PERSON	100
0.3 SQM/ Refuge Area To be Provided per occupant load & 0.9 sqm additional for accommodating wheelchair requirement.	
REFUGE AREA REQUIRED	30.00 SQM
REFUGE AREA PROVIDED	30.718 SQM

SERVICE PERSONNEL UNIT NO. CALCULATION				
S.No.	DESCRIPTION	TYPE OF UNITS	No. of houses	NO. OF UNITS
		RESIDENTIAL		
	Tower B	3 BHK (WITH SERVICE PERSONNEL)	35	35
	Tower C	3 BHK (WITH SERVICE PERSONNEL)	35	35
	Tower D	3 BHK (WITH SERVICE PERSONNEL)	35	35
	Tower E	3 BHK (WITH SERVICE PERSONNEL)	35	35
		TOTAL SERVICE PERSONNEL UNIT		140

Residential Tower Schedule						
ROOFS & WINDOW SCHEDULE						
	ROOFS		WINDOWS		REMARKS	
	Temp	Width	Height	Line1	Line2	
D1	1200	2400	2400	0	2400	
D2	1200	2400	2400	0	2400	
D3	850	2400	2400	0	2400	
D4	850	2400	2400	0	2400	
D5	750	2400	2400	0	2400	
D6	1250	2400	2400	0.2	2400	
D7	1250	2400	2400	0.2	2400	
D8	850	2400	2400	0.2	2400	
D9	850	2400	2400	0.2	2400	
D10	1250	2400	2400	0.2	2400	
D11	1250	2400	2400	0.2	2400	
D12	1250	2400	2400	0.2	2400	
D13	850	2400	2400	0.2	2400	
D14	850	2400	2400	0.2	2400	
D15	1050	2400	2400	0.1	2400	
D16	1050	2400	2400	0.1	2400	
D17	1050	2400	2400	0.1	2400	
D18	1250	2400	2400	0.1	2400	
SHIFT ACCESS DOORS						
A01	1200	2300	2400	0	2400	
A02	600	2300	2400	0	2400	
A03	600	2300	2400	100	2400	
A04	900	2300	2400	100	2400	
A05	900	2300	2400	100	2400	
A06	600	2300	2400	100	2400	
WINDOW						
W1	600	1250	2500	1200		
DOOR						
S01	4500	2400	2400	0		
S02	2700	2400	2400	0		
S03	1800	2400	2400	0		
S04	1800	2400	2400	0		
GLAZING						
G11				ASP FLAN		
G12				ASP FLAN		

SUMMARY OF MECHANICAL VENTILATION											
Room	Floor	Area SFT	Effective HT			Air Changes Per Hour	Calculated CFM	Installed CFM	Application	Type of Fan	Remarks
			Effective HT	FT	CFM						
1	Toilet for Bathroom Typical	58	6	522	10	67	100	Exhaust	1x 100 CFM	Blower Fan	Normal Mode
2	102 Non - Transfer Room and 103 Non - Transfer Room and 104	45	6	409	10	68	100	Exhaust	1x 100 CFM	Blower Fan	Normal Mode

Refugee Area Provided	30,718
NET NON FAR AREA = (C+R)	223,175
NET FAR AREA= Total Area (A) - B - (C+R)	597,081
NET BLA = (NON FAR+ FAR)	820,255

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NOTES:

1. All fixture provided in toilets are as per NBC.
2. N.C. Sump will be mechanically ventilated.
3. All spaces (parking basement, stairs, etc.) will be mechanically ventilated.
4. Stomby generating capacity will be provided for the electrical requirement of the total scheme. This therefore includes standby capacity for lifts, fire alarm, fire alarm services, lifts etc. And also the entire electrical load for the ventilation.
5. Fire safety measures as per NBC includes smoke detector, heat detector, sprinkler etc.
6. All external walls are 100mm and all internal walls are 100mm thick. (Valid for all drawings)

DEVELOPER

RIVERDAY INFRASTRUCTURE PVT. LTD.
has been selected as the preferred bidder
for the proposed project.

The project is located at Industrial Estate, Phase - III,
New Delhi - 110020

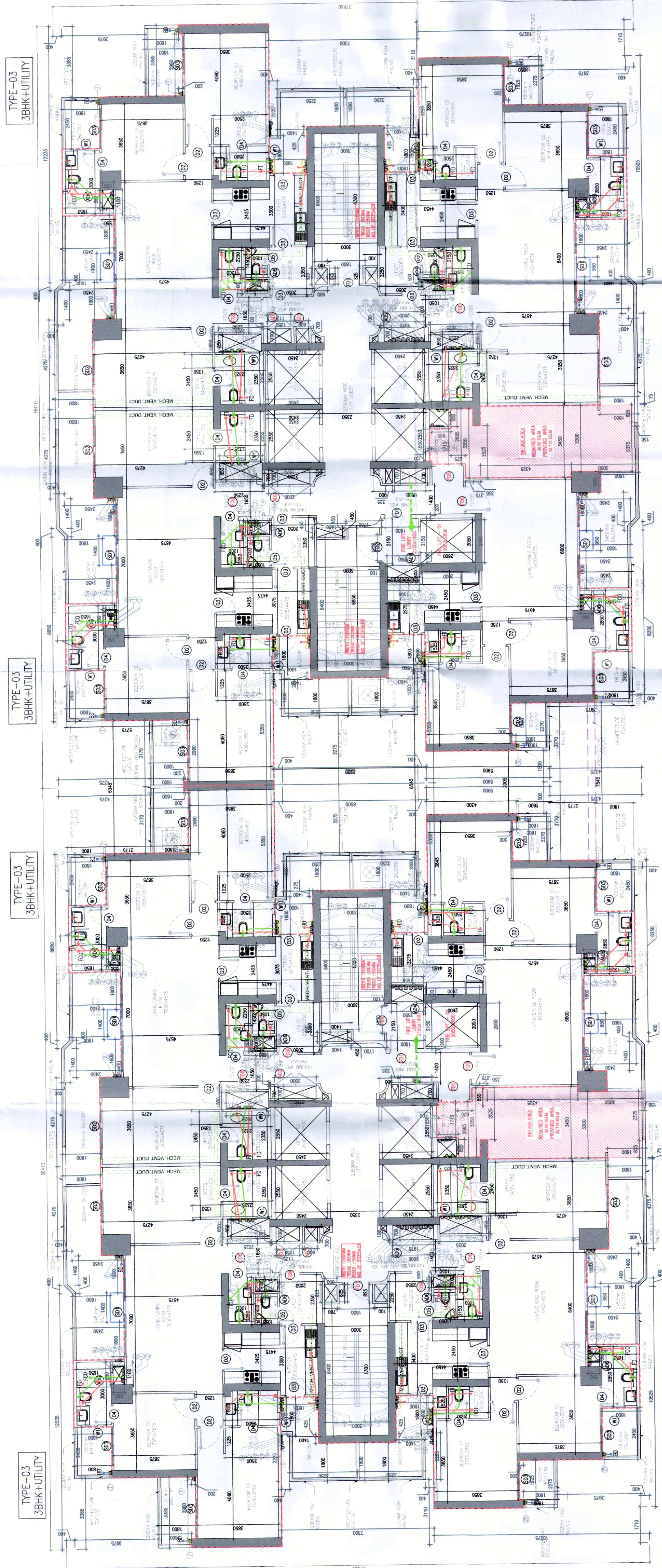
For further details, please contact:
morphogenesis.
Tel: 91 11 428670
Email: studio@morphogenesis.org

PROJECT TITLE	DATE
PROPOSED BUILDING PLANS FOR MIXED LAND USE COLONY (98% RESIDENTIAL COMPONENT AND 2% COMMERCIAL COMPONENT) UNDER TOD POLICY OVER AN AREA MEASURING 11.66875 ACRES. (LICENSE NO 90 OF 2024 DATED 18.07.2024) IN THE REVENUE ESTATE OF VILLAGE FAZILPUR JHARSA & BADSHAPUR, SECTOR-69 GULMARG REING DEVELOPED BY RIVERDAY INFRASTRUCTURE PVT. LTD.	18.07.2024

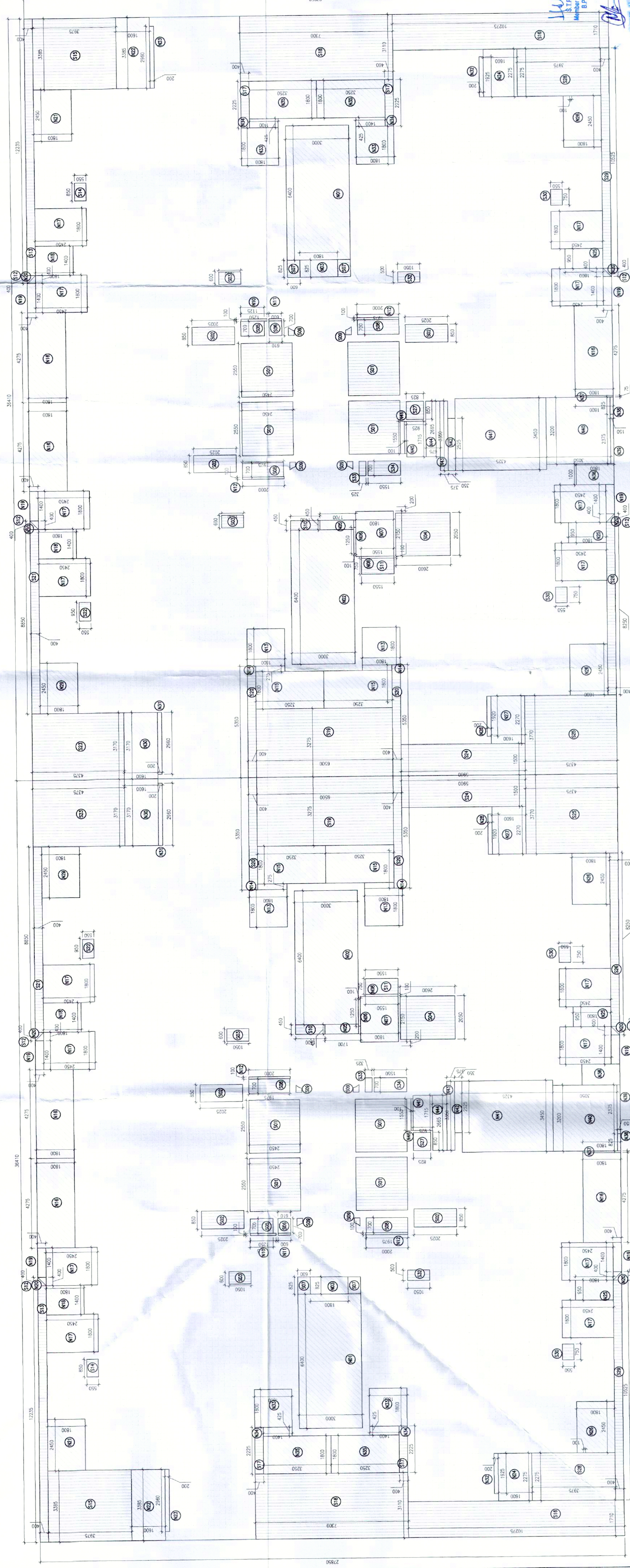
STATUS: SUBMISSION DRAWING
SHEET TITLE TOWER C & D 16th, 25th, 33rd REFUGE

OWNER'S SIGN <i>[Signature]</i> Infrastructure Private Limited	ARCHITECT'S SIGN KIRAN TADAVAN CA/2010/49182 <i>[Signature]</i> MORRISON ENGINEERING No. 011-432800 47, 2nd Floor
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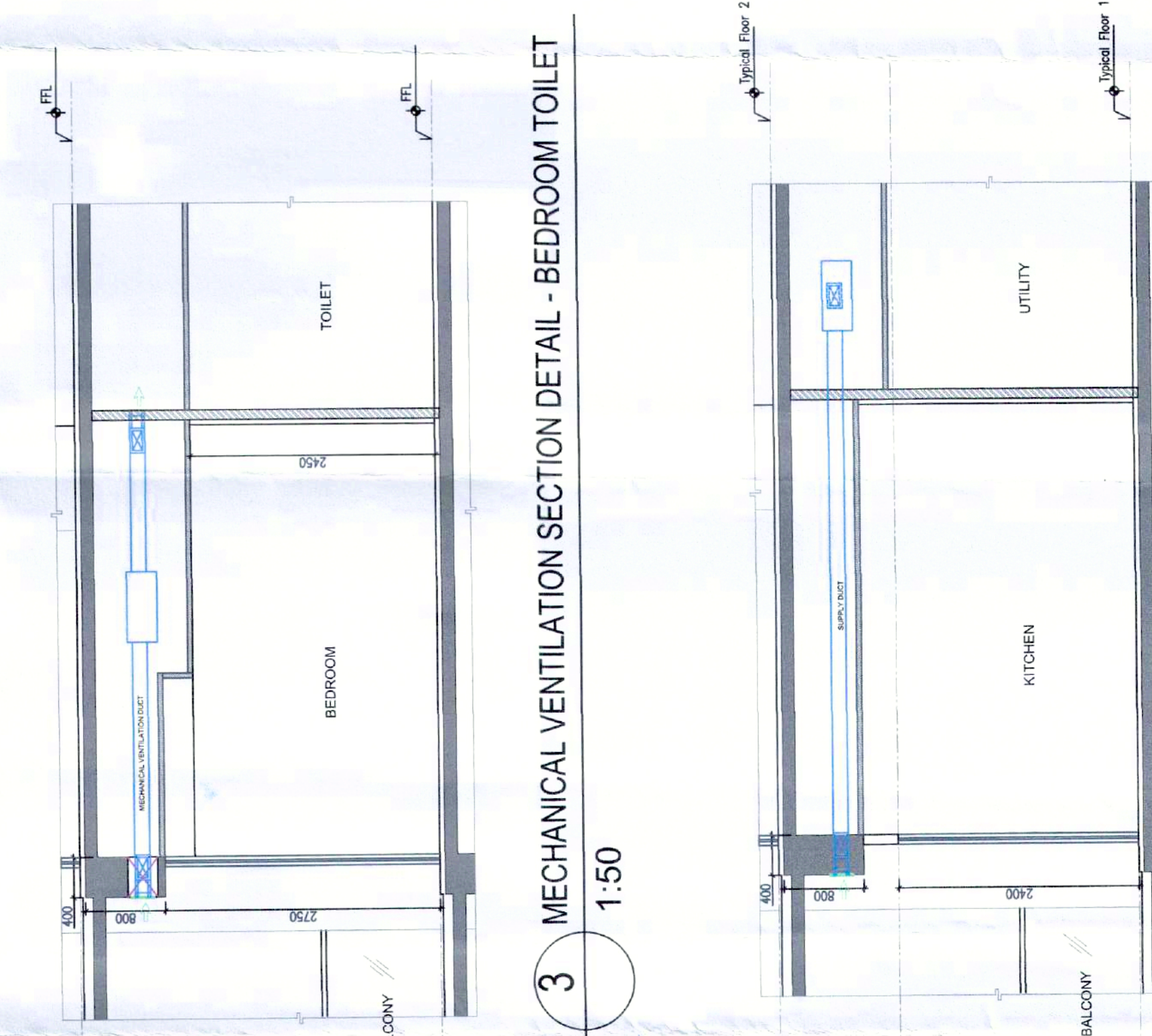
SCALE: 1:300	DRAWING NAME S-TPLAN-11
DATE: 05.09.2024	



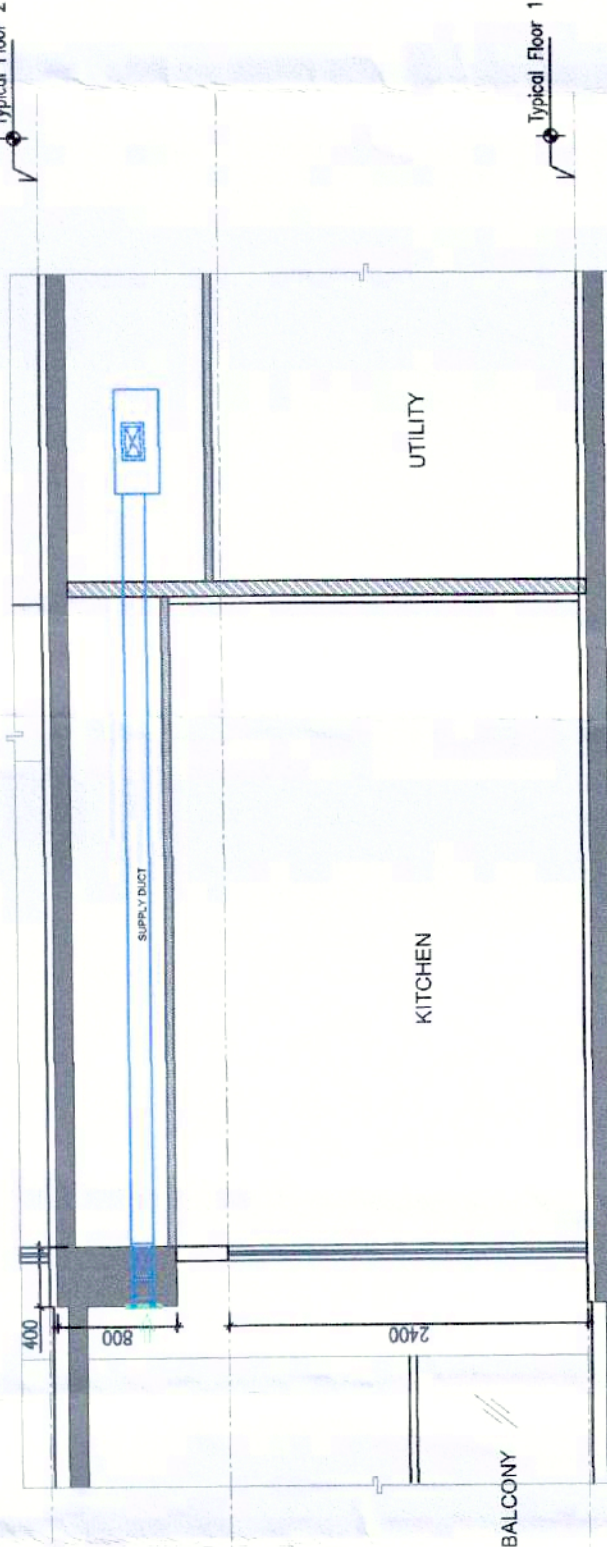
1 TOWER: C-D
1:100 - REFUGEE LVL. 16th, 25th, 33rd FLOOR PLAN
@ 60.80M, 93.20M & 122M



2 TOWER: C-D | AREA DIAGRAM
1:100 - REFUGEE LVL, 16th, 25th, 33rd FLOOR PLAN



3 MECHANICAL VENTILATION SECTION DETAIL - BEDROOM TOILET
1:50



4 MECHANICAL VENTILATION SECTION DETAIL - PWD ROOM TOILET & WC