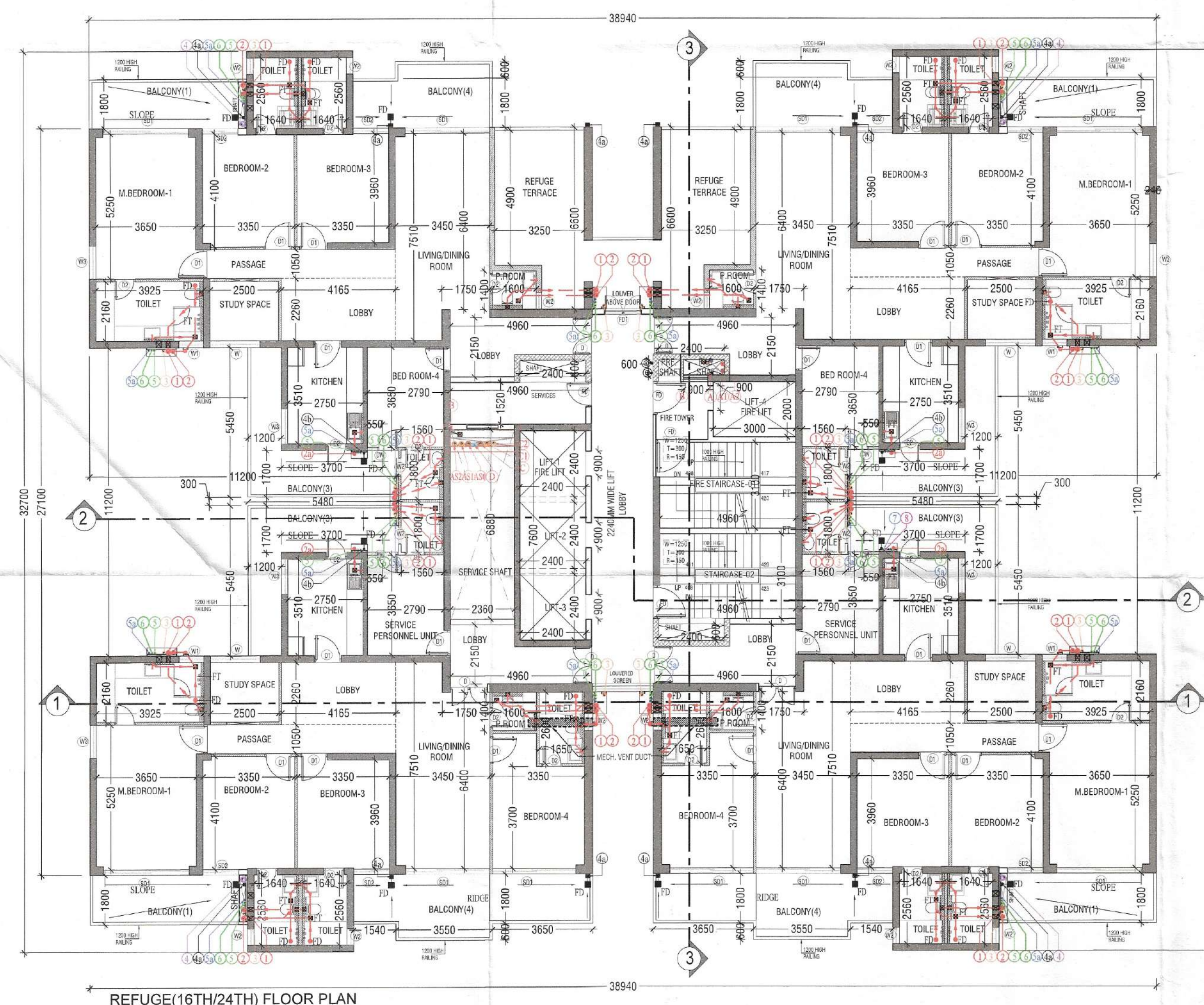
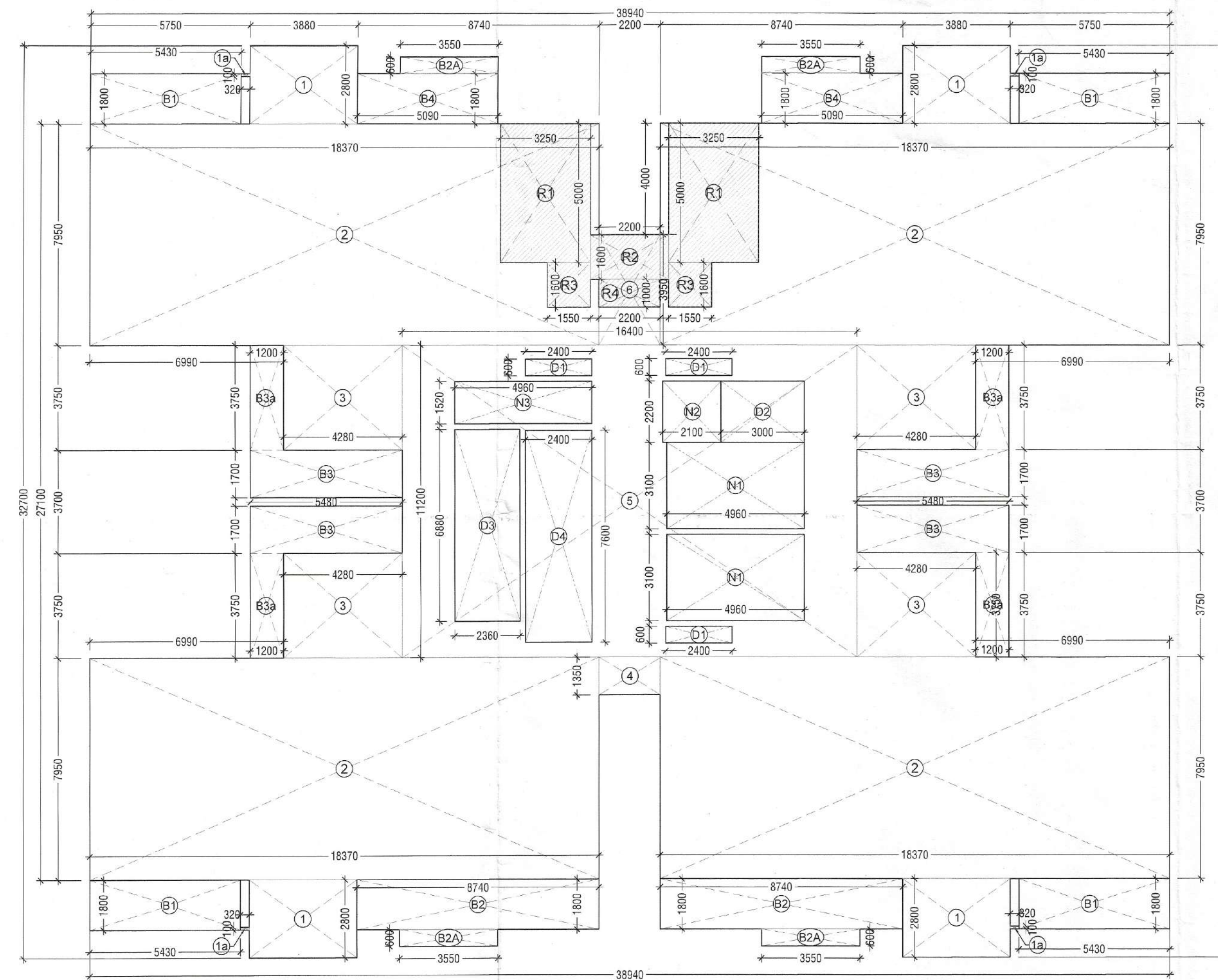
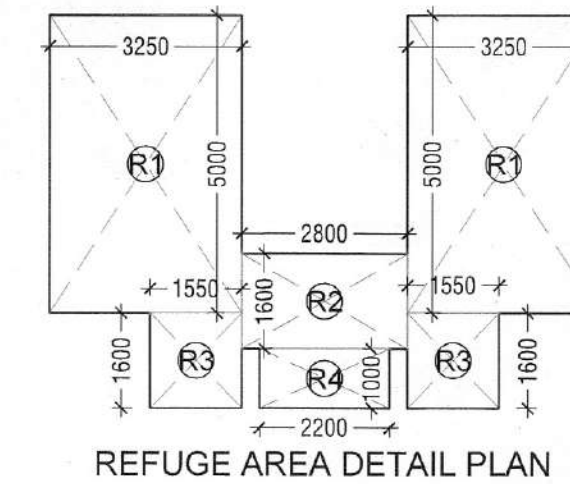
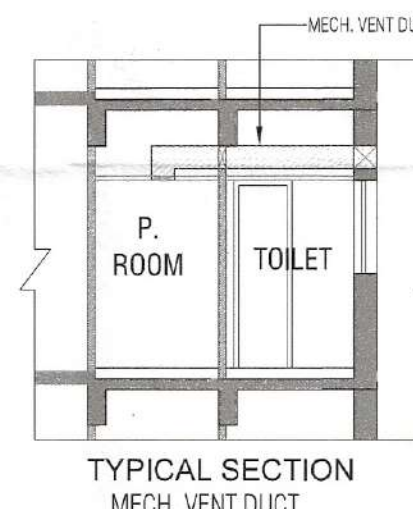
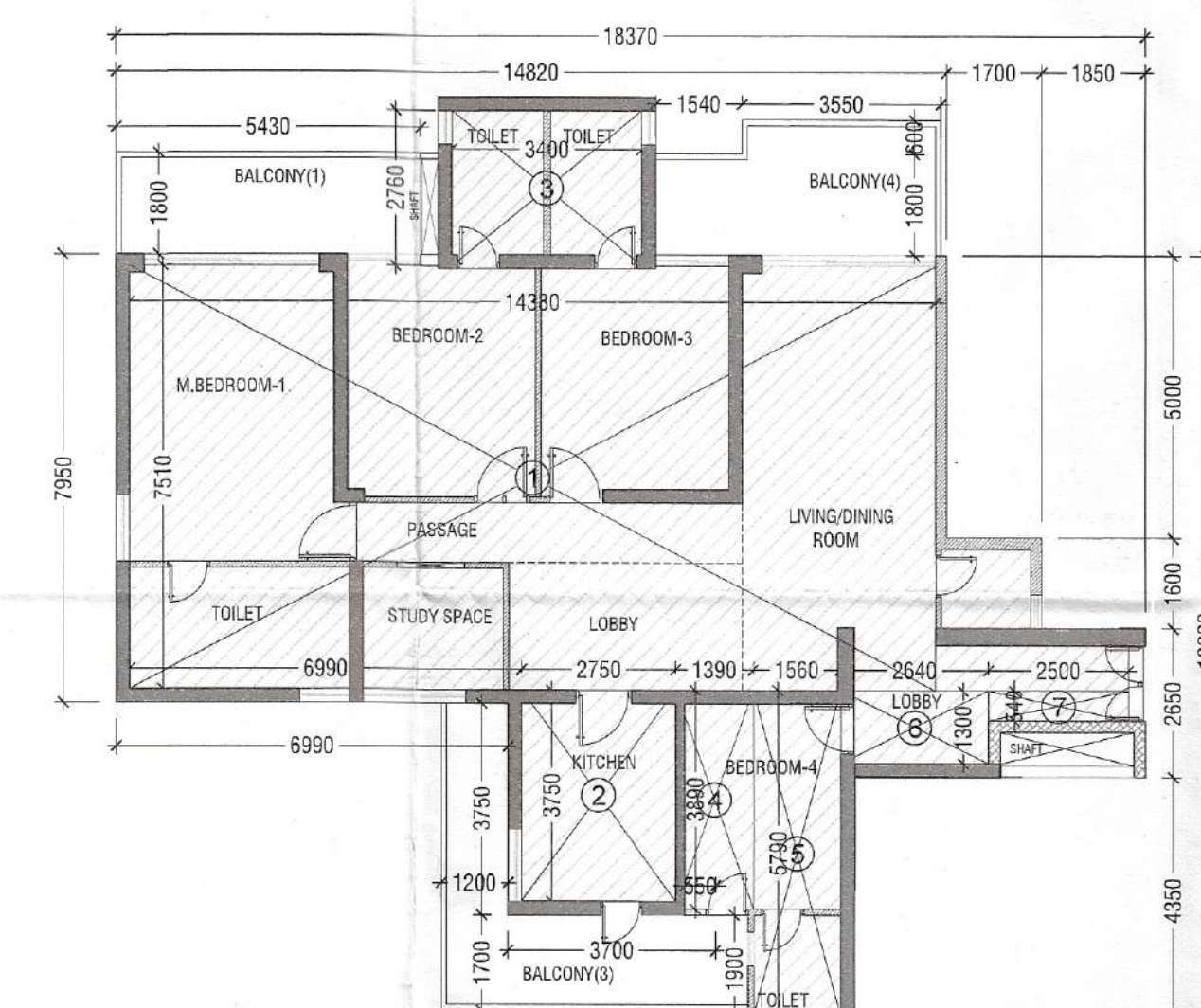




REFUGE FLOOR AREA CALCULATIONS (16TH/24TH)					
FLOOR PLATE AREA					
S. No.	COEFF.	WIDTH	LENGTH	NOS.	AREA IN SQMT
1	1	3.880	2.800	4	43.456
1a	1	0.320	0.100	4	0.128
2	1	18.370	7.950	4	584.166
3	1	4.280	3.750	4	64.200
4	1	2.200	1.350	1	2.970
5	1	16.400	11.200	1	183.680
6	1	2.200	3.950	1	8.690
TOTAL FLOOR PLATE AREA (X)					887.290
NON F.A.R. AREA					
D1	1	2.400	0.600	3	4.320
D2	1	3.000	2.200	1	6.600
D3	1	2.360	6.880	1	16.237
D4	1	2.400	7.600	1	18.240
N1	1	4.960	3.100	2	30.752
N2	1	2.100	2.200	1	4.620
N3	1	4.960	1.520	1	7.539
R1	1	3.200	5.000	2	32.000
R2	1	2.200	1.600	1	3.520
R3	1	1.550	1.800	2	4.980
R4	1	2.200	1.000	1	2.200
TOTAL NON F.A.R. AREA (Y)					130.988
BALCONY NON F.A.R. AREA					
B1	1	5.430	1.800	4	39.096
B2	1	8.740	1.800	2	31.464
B3	1	5.480	1.700	4	37.264
B3a	1	3.750	1.200	4	18.000
B4	1	5.090	1.800	2	18.324
TOTAL BALCONY NON F.A.R. AREA (BN)					144.148
BALCONY UNDER F.A.R. AREA					
B2A	1	3.550	0.600	4	8.520
TOTAL BALCONY NON F.A.R. AREA (BF)					8.520
TOTAL BALCONY AREA (BN+BF)					152.668
TOTAL F.A.R. = (X - Y) + BF					764.822
TOTAL NON F.A.R. = Y + BN					275.136



16th, 24th, 33rd Floor Refuge Area Calculations					
Floor Plate Area	x2	1763.140 sqm			
Occupancy (Area/person)		12.600 sqm			
Persons		141.051			
Refuge area required @0.3sqm/per.		42.315 sqm			
Area for wheel Chair @0.9/200per.		0.900 sqm			
Total Refuge Area Required		43.215 sqm			
Refuge Area Provided		44.140 sqm			



CARPET AREA PLAN (SERVICE PERSONNEL UNIT)

SERVICE PERSONNEL UNIT CARPET AREA CALCULATIONS					
ADDITIONS					
S. No.	COEFF.	WIDTH	LENGTH	NOS.	AREA IN SQMT
1	1	2.790	3.650	1	10.184
2	1	1.550	1.600	1	2.480
TOTAL ADDITIONS(A2)					12.664
REDUCTIONS					
S. No.	COEFF.	WIDTH	LENGTH	NOS.	AREA IN SQMT
1	0.125	2.790	3.650	1	1.273
TOTAL REDUCTIONS (A1)					1.273
NET AREA = (A2-A1)					11.391



Sanctioned
MEMO NO.:
DATED:

Member Secretary
B.P.A.C.

Member
B.P.A.C.

Chairman
B.P.A.C.

ATP(HQ)

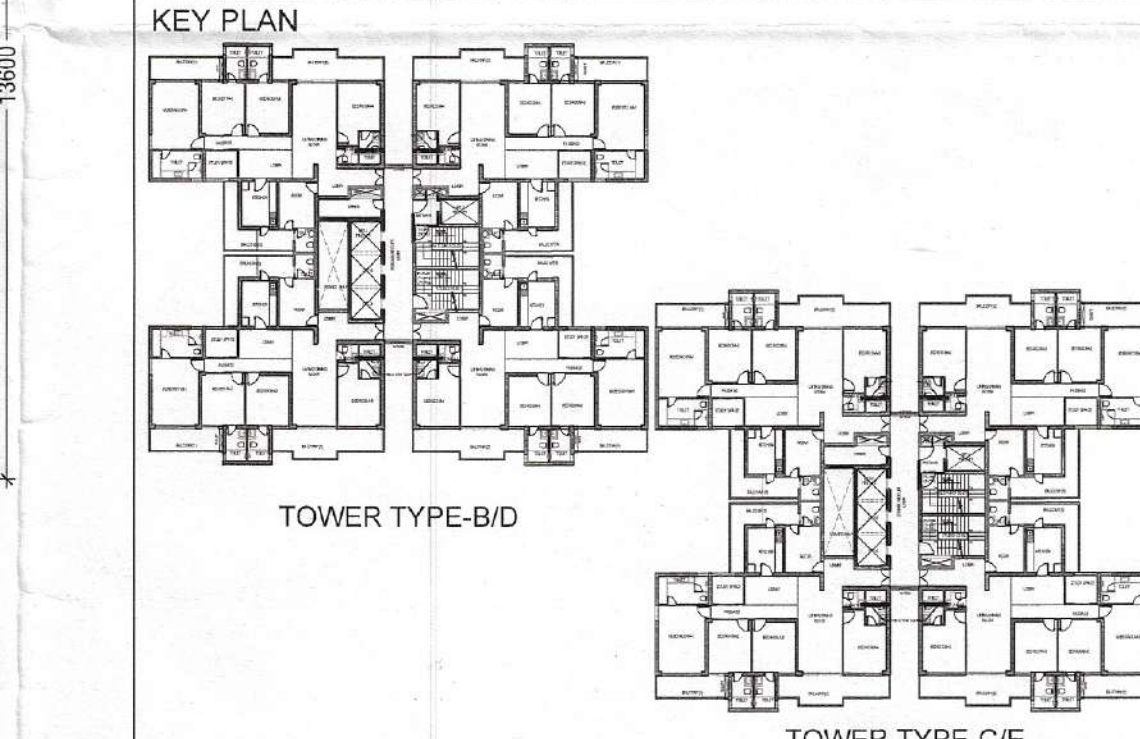
DDP(T)
MEMBER
B.P.A.C.

(Dinesh Kumar)
PA(HQ)

DRAWING NO.: S17

DRAWING TITLE:
TOWER - B / D
REFUGE FLOOR PLANS & AREA DETAILS
(16TH & 24TH)

LEGEND -	
DESCRIPTION	SYMBOL
1000 AFPC SOIL & VENT PIPE	1
1000 AFPC WASTE & VENT PIPE	2
1000 AFPC KITCHEN WASTE & VENT PIPE	2a
1000 AFPC RAIN WATER PIPE	3
1000 AFPC RAIN WATER PIPE	4
1000 AFPC BALCONY DRAIN PIPE	4a
1000 AFPC BALCONY DRAIN PIPE	4b
1000 AFPC BALCONY DRAIN PIPE	4c
DOMESTIC WATER SUPPLY ON TANK	5
FLUSHING WATER SUPPLY ON TANK	6
DOMESTIC WATER SUPPLY RISER	7
FLUSHING WATER SUPPLY RISER	8
DOMESTIC HYDRO-PNEUMATIC WATER SUPPLY	8a
DOMESTIC WATER SUPPLY RISER	8b
FLUSHING WATER SUPPLY RISER	8c
PIPE DRAIN (FD)	9
PIPE TRAP (PT)	10
KURERA 200x200mm WITH SLOTTED GRATING	11
KURERA 400x400mm (TERRACE)	12
BALCONY DRAIN PIPE	13
DOMESTIC WATER SUPPLY (DWS)	14
HYDRO-PNEUMATIC DOMESTIC WATER SUPPLY	15
FLUSHING WATER SUPPLY (FWS)	16
FLUSHING WATER SUPPLY RISER	17
DOMESTIC WATER SUPPLY RISER	18
1000 SOIL PIPE	19
1000 WASTE PIPE	20
1000 VENT PIPE	21
RAIN WATER PIPE	22
HEALTH FAUCET	23
ACCESS DOOR (AD)	24
BALL VALVE / BUTTERFLY VALVE	25
NON RETURN VALVE	26



PRINCIPAL ARCHITECT:

ACPL

ACPL Design Ltd

ISO 9001:2015

Architecture Management Planning

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E: contact@acplindia.com

PROJECT:-

PROPOSED RESIDENTIAL GROUP HOUSING COLONY UNDER TOD SCHEME AREA MEASURING 9.16875 ACRE LAND AT SECTOR 70, GURGAON (HARYANA) UNDER LICENCE NO. 21 OF 2024 DATED 07.02.2024 BEING DEVELOPED BY M/S TULIP INFRA TECH PVT. LTD.

For TULIP INFRA TECH PVT. LTD.

Authorised Signatory

OWNER'S/AUTHORIZED SIGN.

ARCHITECT'S SIGN.

DRAWING TITLE:
TOWER - B / D
REFUGE FLOOR PLANS & AREA DETAILS
(16TH & 24TH)

DRAWING NO. S17

SCALE: 1:150