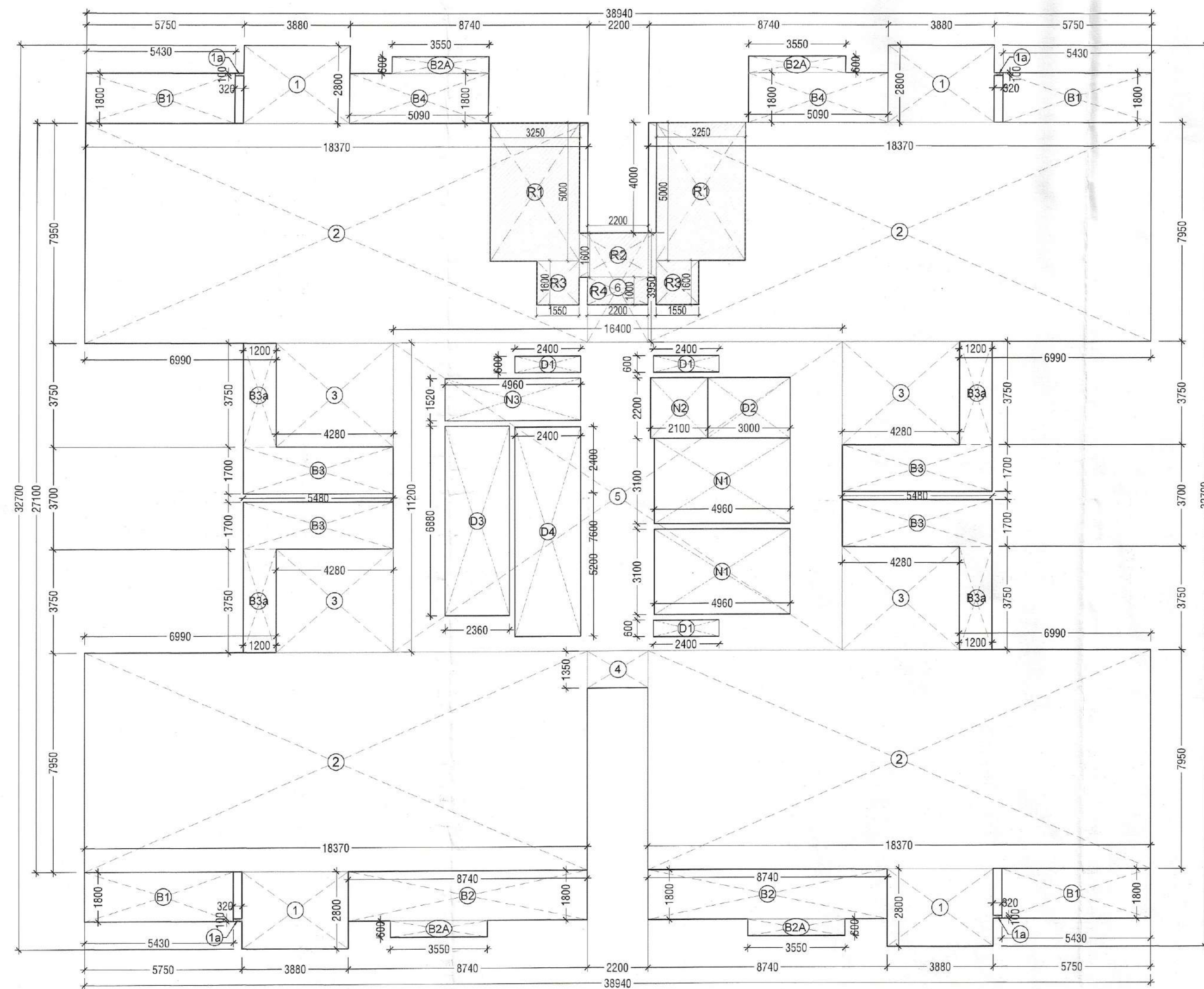
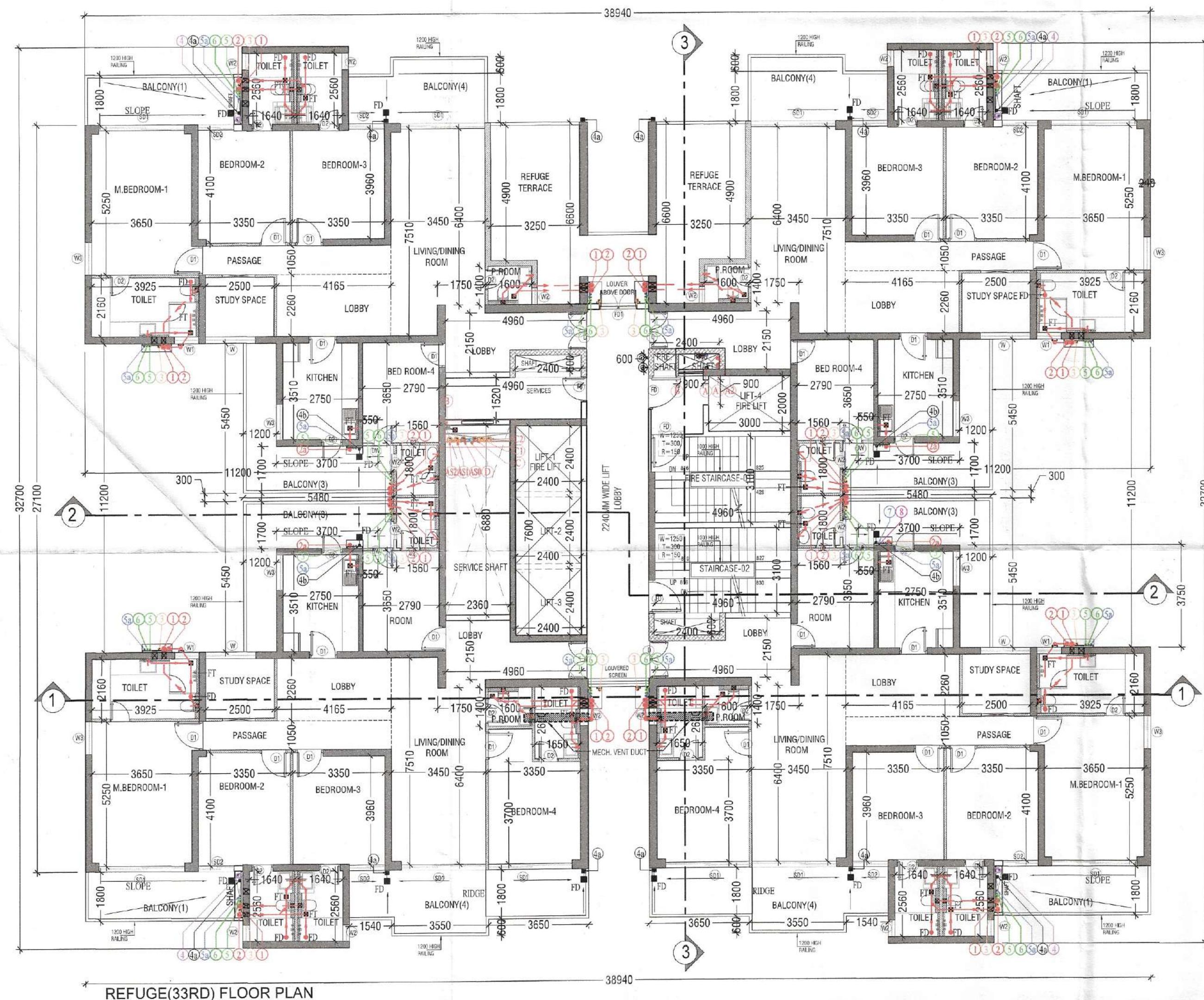


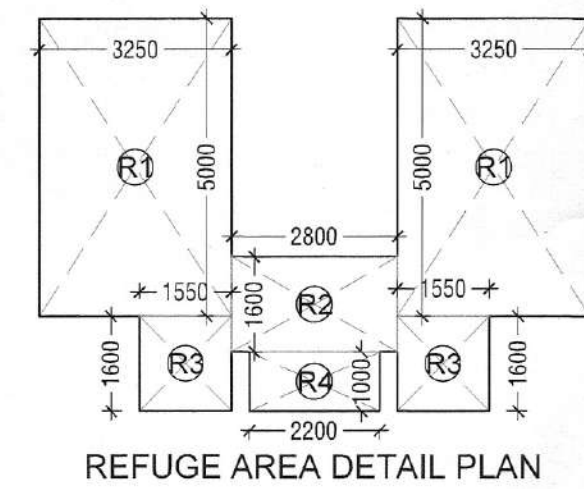


REFUGE FLOOR FAR AREA PLAN



REFUGE(33RD) FLOOR PLAN

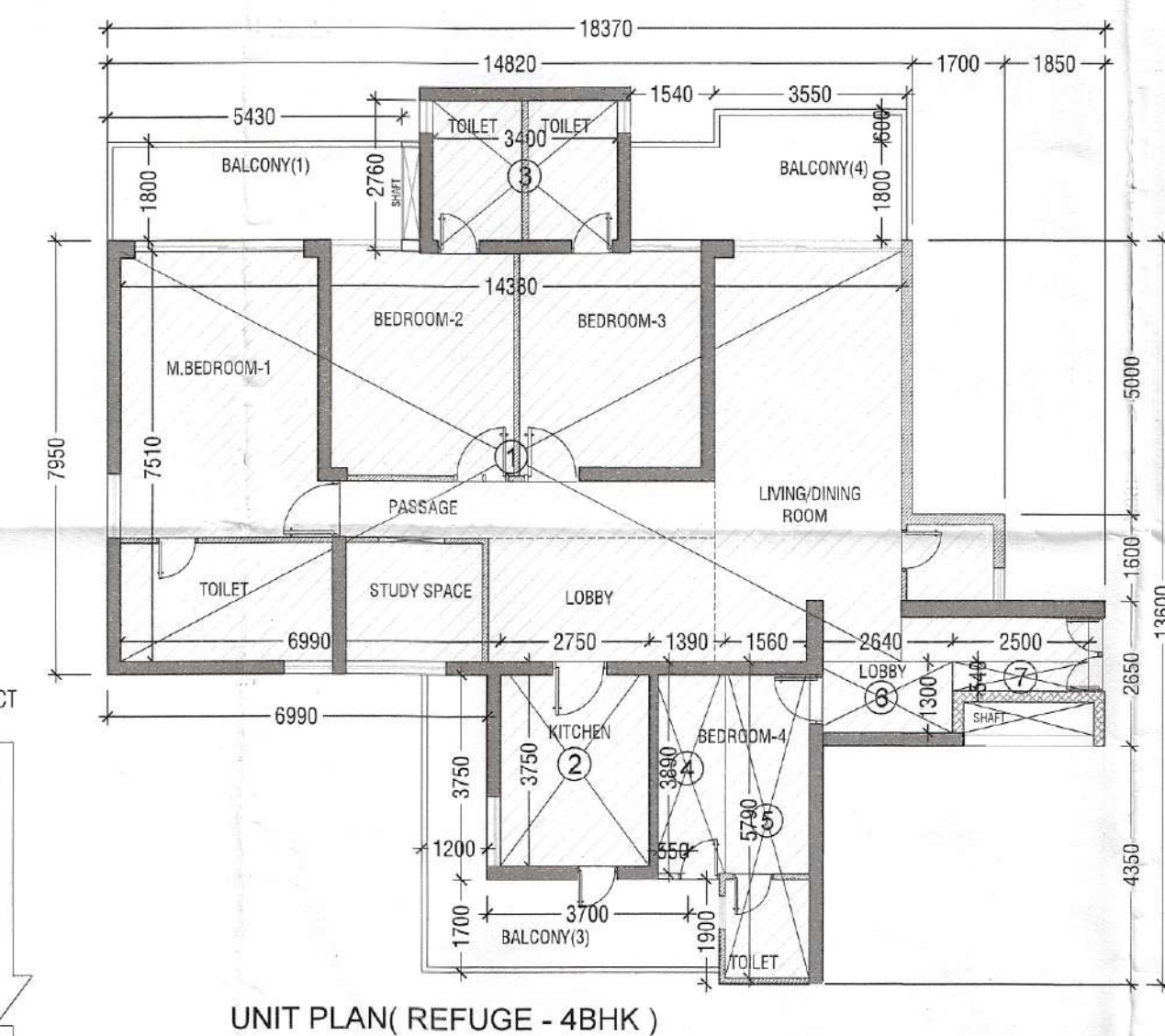
REFUGE FLOOR AREA CALCULATIONS (33RD)						
FLOOR PLATE AREA						
S. No.	COEFF.	WIDTH	LENGTH	NOS.	AREA IN SQMT	
1	1	3.880	2.800	4	43.456	
1a	1	0.320	0.100	4	0.128	
2	1	18.370	7.950	4	584.166	
3	1	4.280	3.750	4	64.200	
4	1	2.200	1.350	1	2.970	
5	1	16.400	11.200	1	183.680	
6	1	2.200	3.950	1	8.690	
TOTAL 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	1.800	1	3.960	
R3	1	1.550	1.800	2	4.960	
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	



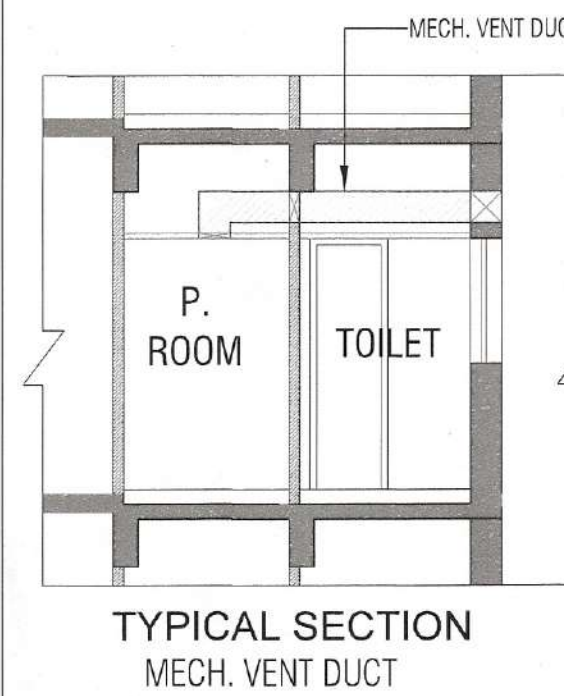
REFUGE AREA DETAIL PLAN

REFUGE AREA CALCULATIONS						
R1	1	3.250	5.000	2	32.500	
R2	1	2.800	1.600	1	4.480	
R3	1	1.550	1.800	2	4.960	
R4	1	2.200	1.000	1	2.200	
TOTAL REFUGE AREA (C1)					44.140	

16th,24th,33rd Floor Refuge Area Calculations						
Floor Plate Area	x2	881.57	sqm			
Occupancy (Area/person)		1763.140	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			



UNIT PLAN(REFUGE - 4BHK)



TYPICAL SECTION MECH. VENT DUCT

BED ROOM-04/ROOM-ADG-JOINED WITH KITCHEN VENTILATION OPENING CALCULATIONS						
ROOM CARPET AREA						
S. No.	COEFF.	WIDTH	LENGTH	NOS.	AREA IN SQM	
1		2.790	3.650	1	10.184	
				=	10.184	
REQUIRED ROOM VENTILATION OPENING						
S. No.	COEFF.	WIDTH	LENGTH	NOS.	AREA IN SQM	
1	0.125	2.790	3.650	1	1.273	
				=	1.273	
PROPOSED ROOM VENTILATION OPENING						
S. No.	COEFF.	WIDTH	LENGTH	NOS.	AREA IN SQM	
1	1	0.550	2.400	1	1.320	

SCHEDULE OF OPENINGS						
S. No.	TYPE	WIDTH	HEIGHT	ELL.	REMARK	
1	FD	1200	2400	00	2 HOUR FIRE RATED	
2	FD	1550	2400	00	2 HOUR FIRE RATED	
3	D	1350	2400	00	1 HOUR FIRE RATED	
4	D1	1050	2400	00		
5	D2	800	2400	00		
6	W	1825	1200	1200		
7	W1	900	1200	1200		
8	W2	800	1200	1200		
9	W3	1200	1200	1200		
10	W4	450	1200	1200		
11	SD1	3000	2400	00		
12	SD2	1200	2400	00		
13	DW	1130	2400	00/050		

CARPET AREA DETAIL PLAN(REFUGE - 4BHK)

UNIT(REFUGE-4BHK) CARPET AREA CALCULATIONS						
ADDITIONS						
S. No.	COEFF.	WIDTH	LENGTH	NOS.	AREA IN SQMT	
1	1	14.380	7.510	1	107.994	
2	1	2.750	3.750	1	10.313	
3	1	3.400	2.740	1	9.316	
4	1	1.360	3.880	1	5.267	
5	1	1.950	5.790	1	9.032	
6	1	2.540	1.300	1	3.302	
7	1	2.500	0.540	1	1.350	
8	1	1.750	0.810	1	1.418	
9	1	1.700	2.510	1	4.267	
TOTAL ADDITIONS					152.528	
DEDUCTIONS						
d1	1	0.300	0.120	1	0.036	
d2	1	0.280	0.120	2	0.082	
TOTAL DEDUCTIONS (D1)					0.098	
NET AREA = (A1-D1)					102.430	

H. Sharma (H.O.)
 S.T.P. (H.O.)
 Member Secretary
 B.P.A.C.
 D.T.P. (H.O.)
 S.T.P. (H.O.)
 Member
 B.P.A.C.
 C.T.A. (H.O.)
 Chairman
 B.P.A.C.
 J.D.
 P.A.
 D.D. (T)
 MEMBER
 B.P.A.C.
 (Dinesh Kumar)
 P.A. (H.O.)

DRAWING TITLE:
 TOWER - A
 REFUGE FLOOR PLANS & AREA DETAILS
 (33TH)

DRAWING NO.:
 S08

SANCTIONED
 TO BE READ WITH THIS OFFICE
 MEMO NO.:
 DATED:

LEGEND:
 DESCRIPTION SYMBOL
 1000 GPC SOL & VENT PIPE 1
 1000 GPC WASTE & VENT PIPE 2
 1000 GPC KITCHEN WASTE & VENT PIPE 2a
 75 OD VENT PIPE (V) 3
 1000 GPC RAIN WATER PIPE 4
 75 OD UTILITY BALCONY DRAIN PIPE 4a
 1000 GPC RAIN WATER PIPE FOR TERRACE 4b
 DOMESTIC WATER SUPPLY ON TAKE 5
 DOMESTIC WATER SUPPLY USER 6
 DOMESTIC WATER SUPPLY USER 7
 DOMESTIC WATER SUPPLY USER 8
 DOMESTIC HYDRO-PNEUMATIC WATER SUPPLY PIPE DOWN TAKE UPPER FLOORS 5a
 DOMESTIC WATER SUPPLY RISER 5b
 DOMESTIC WATER SUPPLY RISER 6b
 FLOOR DRAIN (FD) 1
 FLOOR TRAP (FT) 2
 KITCHEN DRAIN (K.D.) WITH SLOTTED GRATING 3
 KITCHEN DRAIN (K.D.) 4
 BALCONY DRAIN PIPE 5
 DOMESTIC WATER SUPPLY (DWS) 6
 HYDRO-PNEUMATIC DOMESTIC WATER (H.D.W.) 7
 DOMESTIC WATER SUPPLY (DWS) 8
 DOMESTIC WATER SUPPLY RISER 9
 1000 SOL PIPE 10
 1000 WASTE PIPE 11
 75 OD VENT PIPE 12
 RAIN WATER PIPE 13
 HEALTH FAUCET 14
 ACCESS DOOR (AD) 15
 BALL VALVE / BUTTERFLY VALVE 16
 NON RETURN VALVE 17

PIRE LEGEND:
 A. 1000 FIRE HYDRANT PIPE LOW ZONE
 B. 1000 FIRE HYDRANT PIPE MID ZONE
 C. 1000 FIRE HYDRANT PIPE HIGH ZONE
 D. 1000 FIRE SPRINKLER PIPE FOR LOW ZONE
 E. 1000 FIRE SPRINKLER PIPE FOR MID ZONE
 F. 1000 FIRE SPRINKLER PIPE FOR HIGH ZONE
 G. 1000 FIRE SPRINKLER PIPE FOR HIGH ZONE
 H. 1000 FIRE SPRINKLER PIPE FOR HIGH ZONE
 I. 1000 FIRE SPRINKLER PIPE FOR HIGH ZONE

GENERAL NOTES:
 1. DRAWINGS IN ALL LEFT HAND REPRESENTATION
 2. DRAWINGS IN ALL LEFT HAND REPRESENTATION
 3. IN CASE OF ANY DISCREPANCY IT SHOULD BE
 BROUGHT TO THE NOTICE OF ARCHITECT
 PROJECT MANAGER / CONSULTANT
 4. DRAWING SHALL BE IN THE SCALE OF 1:100
 5. ALL DIMENSIONS SHALL BE IN METERS
 6. ALL DIMENSIONS SHALL BE IN METERS
 7. ALL DIMENSIONS SHALL BE IN METERS
 8. ALL DIMENSIONS SHALL BE IN METERS
 9. ALL DIMENSIONS SHALL BE IN METERS
 10. ALL DIMENSIONS SHALL BE IN METERS

Checked and found ok for Public Health
 (Internal) Service only subject to comments
 in forwarding letter No. 17/1739-Dues/2024
 Superintending Engineer (H.O.)
 HSPV, Panchkula

PRINCIPAL ARCHITECT:
ACPL
 ACPL Design Ltd
 E-24 South Extension -1
 New Delhi 110043, India
 T: +91 11 24622165
 F: +91 11 24648709
 E: contact@acpldesign.com
 F: +91 11 24634066

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 - A
 REFUGE FLOOR PLANS & AREA DETAILS
 (33TH)

DRAWING NO.: S08

SCALE: 1:125