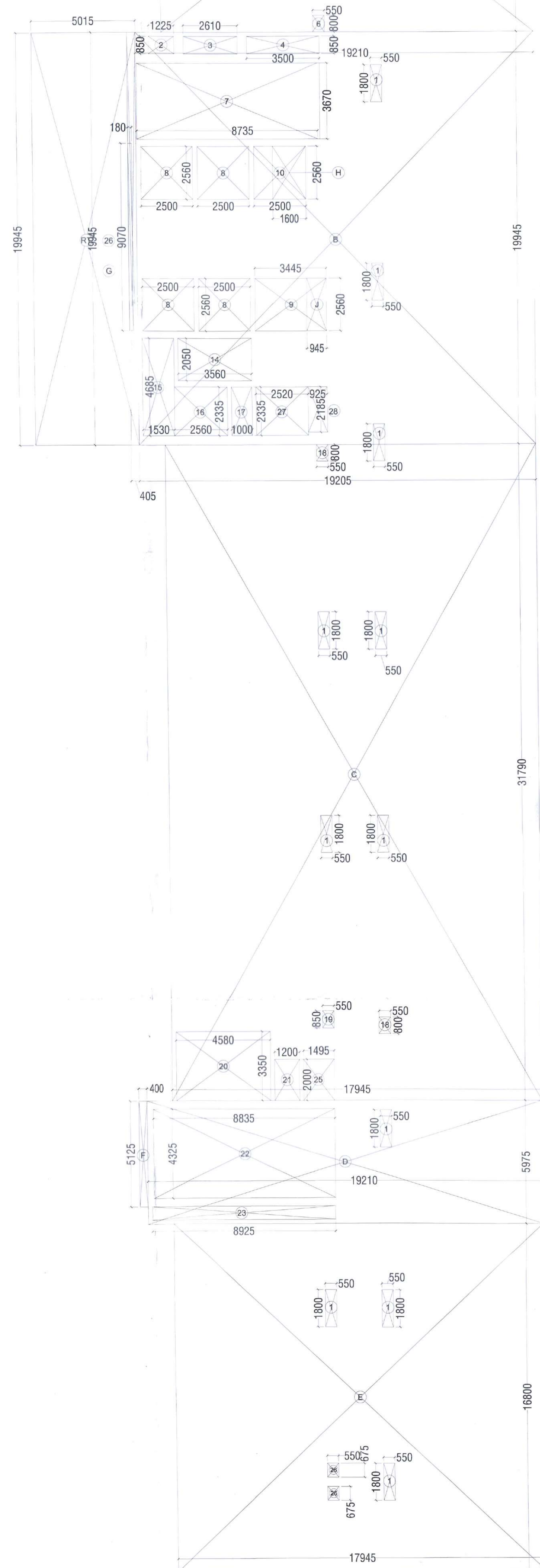




REFUGE (8th,10th,13th,16th & 18th)
FLOOR PLAN

BUILDING PLAN ALREADY APPROVED.
VIB NO. 18/2019-2020 (AREA) 2021/10/12
DATED 20-04-2022, ONLY MINOR CHANGES INTERNAL
WITHIN UNIT IS REQUIRED.



REFUGE (8th,10th,13th,16th & 18th)
FLOOR AREA DAIGRAM

TYPICAL (6TH TO 18TH) FLOOR AREA CALCULATIONS					
S. No.	COEFF.	WIDTH	LENGHT	NOS.	AREA IN SQMT
ADDITIONS					
A	1	17.945	14.325	1	257.062
B	1	19.205	19.945	1	383.044
C	1	17.945	31.790	1	570.472
D	1	19.210	5.975	1	114.780
E	1	17.945	16.800	1	301.476
F	1	0.400	5.125	1	2.050
G	1	0.405	19.945	1	8.078
H	1	1.600	2.560	1	4.096
J	1	0.945	2.560	1	2.419
TOTAL ADDITIONS (1)					1643.476
DEDUCTIONS					
1	1	0.550	1.800	12	11.880
2	1	1.225	0.850	1	1.041
3	1	2.610	0.850	1	2.219
4	1	3.500	0.850	1	2.975
6	1	0.550	0.800	1	0.440
7	1	8.735	3.670	1	32.057
8	1	2.500	2.560	4	25.600
9	1	3.545	2.560	1	9.075
10	1	2.500	2.560	1	6.400
14	1	3.560	2.050	1	7.298
15	1	1.530	4.685	1	7.168
16	1	2.560	2.335	1	5.978
17	1	1.000	2.335	1	2.335
18	1	0.550	0.800	2	0.880
19	1	0.550	0.850	1	0.468
20	1	4.580	3.350	1	15.343
21	1	1.200	2.000	1	2.400
22	1	8.835	4.325	1	38.211
23	1	8.925	0.650	1	5.801
25	1	1.495	2.000	1	2.990
26	1	0.550	0.675	4	1.485
27	1	0.925	2.185	1	2.021
28	1	2.520	2.335	1	5.884
29	1	0.180	9.070	1	1.633
TOTAL DEDUCTIONS (2)					191.582
NET TYPICAL FLOOR (RETAIL) FAR (3) = (1 - 2)					1451.894

TYPICAL (6TH TO 18TH) MEZZANINE FLOOR AREA CALCULATIONS					
S. No.	COEFF.	WIDTH	LENGTH	NOS.	AREA IN SQMT
ADDITIONS					
A	1	5.050	88.910	1	448.996
B	1	5.050	14.525	1	73.351
C	1	5.050	28.590	1	144.380
D	1	5.050	17.075	1	86.229
TOTAL ADDITIONS (1)					752.955
DEDUCTIONS					
1	1	0.550	1.800	14	13.860
2	1	0.550	0.800	4	1.760
3	1	4.765	0.850	32	129.608
TOTAL DEDUCTIONS (2)					145.228
NET RETAIL FAR (3) = (1 - 2)					607.727
NET TYPICAL (6TH TO 18TH) FLOOR RETAIL FAR INCLUDING MEZZANINE FLOOR					2059.621

REFUGE TERRACE AREA CALCULATIONS					
S. No.	COEFF.	WIDTH	LENGTH	NOS.	AREA IN SQMT
ADDITIONS					
RT	1	5.015	19.945	1	100.024
TOTAL ADDITIONS (1)					100.024

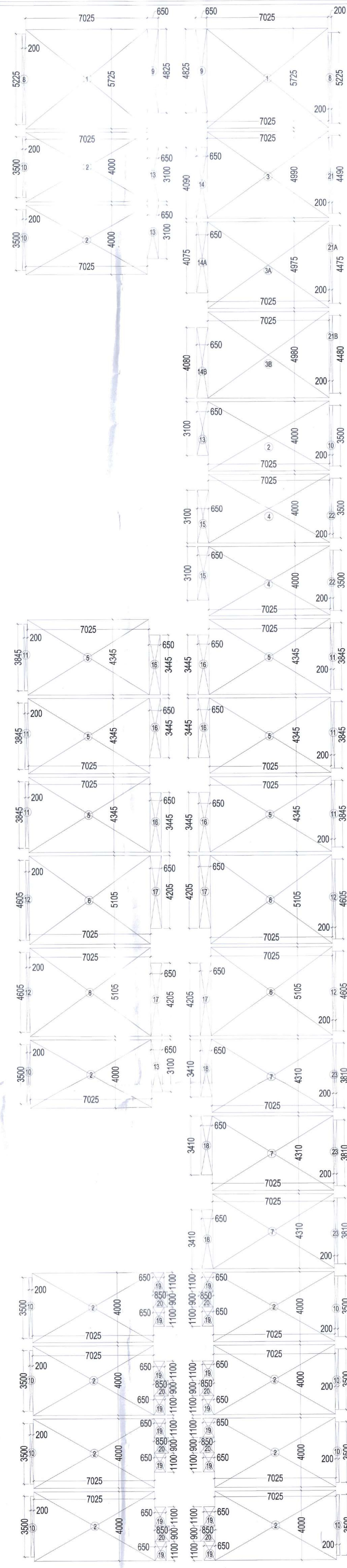
REFUGE AREA CALCULATION

REQUIRED AREA = GROSS AREA OF TWO FLOOR $\times 0.3 \times 0.9$

$12.5 \times 2061.190 \times 2 \times 0.3 \times 0.9$

$= 99.837$ SQM

PROVIDED AREA = 100.024 SQM



TYPICAL (8th,10th,13th,16th & 18th)
FLOOR CARPET AREA CALCULATION

FIRE LEGEND:-

- SOIL PIPE
- WASTE PIPE
- PIPE DROP
- PIPE RISE UP
- WASH BASIN
- W.C. - WATER CLOSET
- FLOOR TRAP
- FLOOR DRAIN
- ACCESS DOOR
- TRIAL TRAP
- VALVE
- FLOOR CLEAN OUT PLUG
- COP - CLEAN OUT PLUG

- 1 110 OD PVC SOIL PIPE FOR RESL & EWS
- 2 110 OD PVC WASTE PIPE FOR RESL & EWS
- 3 110 OD PVC SOIL PIPE FOR RETAIL OFFICE TOILET
- 4 110 OD PVC WASTE PIPE FOR RETAIL OFFICE TOILET
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TYPE	SIZE	CILL	LINTEL
D	2200 X 2400	00	2400
D1	1000 X 2400	00	2400
D2	750 X 2400	00	2400
D2A	900 X 2400	00	2400
D2B	900 X 2400	00	2400
D3	750 X 2400	00	2400
D4	1200 X 2400	00	2400
TD	1800 X 1200	900	2100
FD	900 X 2250	150	2400
FD4	1500 X 2400	00	2400
FD5	1000 X 2400	00	2400
FD5B	900 X 2400	00	2400
FD6	1500 X 3000	00	3000
GL1	GLAZING AS PER ELEVATION		
GL2	1800 X 3000	00	3000

TYPICAL FLOOR CARPET AREA CALCULATIONS					
S. No.	COEFF.	WIDTH	LENGTH	NOS.	AREA IN SQMT
ADDITIONS					
1	1	7.025	5.725	2	80.436
2	1	7.025	4.000	12	337.200
3	1	7.025	4.990	1	35.055
3A	1	7.025	4.975	1	34.949
3B	1	7.025	4.980	1	34.985
4	1	7.025	4.000	2	56.200
5	1	7.025	4.345	6	183.142
6	1	7.025	5.105	4	143.451
7	1	7.025	4.310	3	90.833
8	1	0.200	5.225	2	2.090
9	1	0.650	4.825	2	6.273
10	1	0.200	3.500	12	8.400
11	1	0.200	3.845	6	4.614
12	1	0.200	4.605	4	3.684
13	1	0.650	3.100	4	8.060
14	1	0.650	4.090	1	2.659
14A	1	0.650	4.075	1	2.649
14B	1	0.650	4.080	1	2.652
15	1	0.650	3.100	2	4.030
16	1	0.650	3.445	6	13.436
17	1	0.650	4.205	4	10.933
18	1	0.650	3.410	3	6.650
19	1	0.650	1.100	16	11.440
20	1	0.850	0.900	8	6.120
21	1	0.200	4.490	1	0.898
21A	1	0.200	4.475	1	0.895
21B	1	0.200	4.480	1	0.896
22	1	0.200	3.500	2	1.400
23	1	0.200	3.810	3	2.286
TOTAL ADDITIONS					1096.313
TOTAL CARPET AREA					1096.313

This is a "PROVISIONAL BUILDING PLAN"
approved only for the purpose of inviting
objections from the general public.

TO BE READ WITH THIS OFFICE
MEMO NO. 22584
DATED 22/11/2022

Checked and found OK for Public Health
(Internal) Service only subject to comments in
forwarding letter No. 553102. Dated 22/11/2022

Superintending Engineer (HQ)
for Chief Engineer-1
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