

Recommended for Sanction

Senior Town Planner
HUDA, Gurugram
Member BPAC

DTP

DDT (N)
MEMBER
BPAC

NOTES :-

- VRV System is being provided.
- Full DG power back up is being provided.
- Toilets are mechanical ventilated.
- All lifts shall have 100% power back-up.
- All electrical installations shall be as per provision of nbc.
- Fire-fighting/safety provisions will be as per relevant nbc provisions.
- Basement area shall have mechanically ventilated as per relevant code.
- All toilets are ventilated as per haryana building code 2017.
- Building has automatic sprinkler system wherever required by nbc.
- Building will be designed (structures) as per relevant i.s. codes for earthquake resistance.
- Solar panels of required capacity shall be provided on roof top as per hared/zoning norms.
- All handicap ramps with railing.
- All fire fighting installations shall be as per provision of nbc.
- The rainwater harvesting system shall be provided as per central ground water auth. norms.

LEGEND : (Plumbing)

S.No.	SYMBOL	DESCRIPTION
1.	(1)	1100 UPVC SOIL AND VENT PIPE
2.	(2)	1100 UPVC WASTE AND VENT PIPE
3.	(3)	1800 UPVC WASTE AND VENT PIPE (FOR KITCHEN)
4.	(4)	1100 UPVC ANTI SYPHONAGE PIPE
5.	(5)	1100 UPVC RAIN WATER PIPE
6.	(6)	1100 UPVC BALCONY / CORRIDOR DRAIN PIPE
7.	(7)	DOMESTIC WATER SUPPLY DROP FROM TANK TO TOILET / KITCHEN FOR TOP THREE FLOOR ONLY
8.	(8)	DOMESTIC WATER SUPPLY DROP FROM TANK TO TOILET / KITCHEN (REFER WATER SUPPLY SCHEMATIC DWG.)
9.	(9)	RECYCLED WATER SUPPLY DROP FROM O.H.T. TO W.C.
10.	(10)	HEALTH SPRAY WITH ANGLE VALVE
11.	(11)	COLD WATER SUPPLY PIPE (CWS)
12.	(12)	HOT WATER SUPPLY PIPE (HWS)
13.	(13)	RECYCLED WATER SUPPLY PIPE (RWS)
14.	(14)	ISOLATING VALVE
15.	(15)	NON RETURN VALVE
16.	(16)	DRAIN POINT
17.	(17)	P TRAP (110 X 110 MM) - long type (50 mm seal)
18.	(18)	S TRAP (110 X 110 MM) (50 mm seal)

CONCEPT ARCHITECTS:
D P ARCHITECTS

STRUCTURAL CONSULTANTS:
KELKAR DESIGNS PVT. LTD.

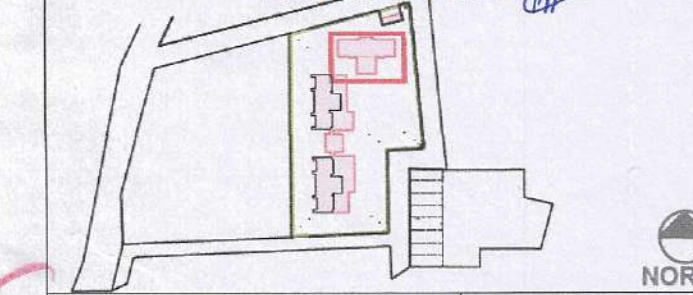
MEP CONSULTANTS:
CESPL PVT LTD.

DEVELOPER:
GODREJ PROJECTS DEVELOPMENT LIMITED

ARCHITECT OF RECORD:
ARCHITECTURE COLLECTIVE

PROPOSED BUILDING PLAN
OF GROUP HOUSING SITE NO.
25 AT SECTOR 43,
GURUGRAM

TOWER C
REFUGE FLOOR PLAN
O/o Chief Engineer (HQ)
HSVP, Perchkula



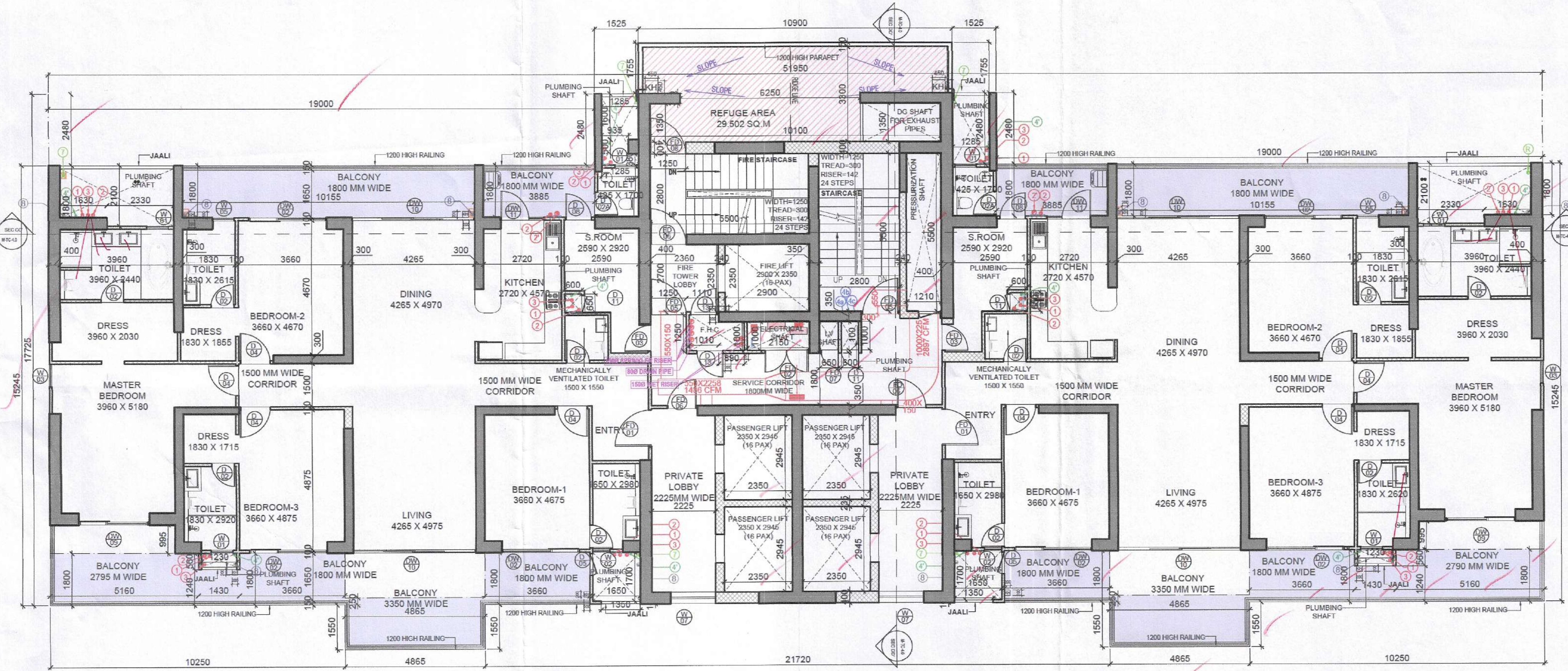
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SCALE: 1:100

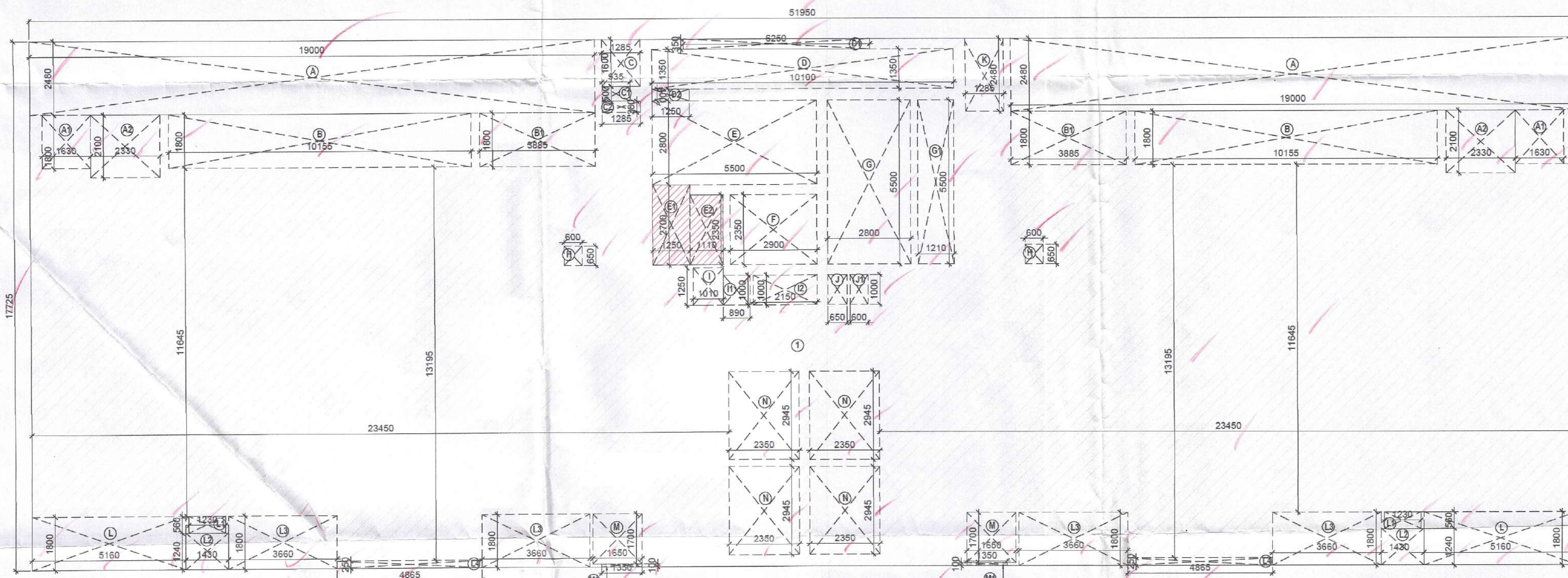
DATE: VANSICA

OWNER'S SIGN: For Godrej Projects Development Limited

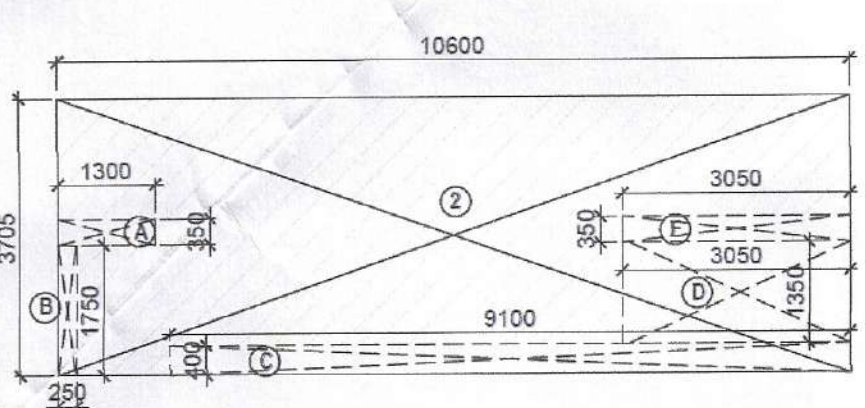
Authorised Signatory



TOWER C_REFUGE FLOOR PLAN
(17TH & 26TH FLOOR)
SCALE 1:100



TOWER C_REFUGE FLOOR AREA DIAGRAM
(17TH & 26TH FLOOR)
SCALE 1:100



TOWER C_REFUGE AREA DIAGRAM
(17TH & 26TH FLOOR)
SCALE 1:100

TYPICAL REFUGE FLOOR AREA CALCULATION				
S.NO.	LENGTH(M)	WIDTH(M)	NO.	AREA(SQ.M.)
COVERED AREA				
2	10.600	3.705	1	39.273
TOTAL ADDITIONS (A)				39.273
DEDUCTION				
A	1.300	0.350	1	0.455
B	0.250	1.750	1	0.438
C	9.100	0.400	1	3.640
D	3.050	1.350	1	4.118
E	3.050	0.350	1	1.068
DEDUCTION (B)				9.718
REFUGE AREA= TOTAL ADDITIONS (A)				29.556
- DEDUCTION (B)				

REFUGE AREA		
[AREA AT 60M + AREA AT 63M/12.5] X 0.3 + 0.9		
0.3 = AREA/ PERSON		
0.9 = AREA FOR WHEEL CHAIR BOUND		
[595.921+ 595.921/12.5] X 0.3 + 0.9= 29.504 SQM		
S.NO.	TYPE	FAR AREA (SQ.M)
A	PERMISSIBLE AREA	29.504
B	PROPOSED AREA	29.556
A	MAIN FAR	595.421
B	FAR BECAUSE OF EXTRA REFUGE AREA	0.051
TOTAL FAR (A+B)		595.473

TOWER C: Door Window Schedule				
DOOR/ WINDOW	WIDTH	HEIGHT	SILL	LINTEL
D01	750	2100	300	2400
D02	800	2400	0	2400
D02A	800	2600	0	2600
D04	1050	2400	0	2400
D05	750	2100	300	2400
D08	900	2600	0	2600
D11	600	2100	300	2400
D13	910	2100	300	2400
O	O	O	O	O
FD01	1250	2400	0	2400
FD02	1500	2100	300	2400
FD03	900	2400	0	2400
FD05	1250	2400	0	2400
FD06	1000	2400	0	2400
FD07	600	2100	300	2400
FD08	1250	2600	0	2600
O	O	O	O	O
W01	750	2100	300	2400
W02	600	1200	1200	2400
W03	800	800	1200	2000
W04	600	700	1200	1900
W05	750	1400	1200	2600
W06	1200	1200	1200	2400
W07	1575	1400	1200	2600
O	O	O	O	O
DW02	2700	2600	0	2600
DW09	2460	2600	0	2600
DW10	4265	2600	0	2600
DW11	1520	2600	0/1200	2600

TOWER C: REFUGE FLOOR FAR CALCULATION				
S.NO.	LENGTH(M)	WIDTH(M)	NO.	AREA(SQ.M.)
COVERED AREA				
1	51.950	17.725	1	920.814
TOTAL ADDITIONS (A)				920.814
DEDUCTION				
A	19.000	2.480	2	94.240
A1	1.630	1.800	2	5.868
A2	2.330	2.100	2	9.786
B	10.155	1.800	2	36.558
B1	3.885	1.800	2	13.986
C	1.285	1.600	1	2.056
C1	0.935	0.500	1	0.468
C2	1.285	0.380	1	0.488
D	10.100	1.350	1	13.635
D1	6.250	0.350	1	2.188
D2	1.250	0.400	1	0.500
E	5.500	2.800	1	15.400
E1	1.250	2.700	1	3.375
E2	1.110	2.350	1	2.609
F	2.900	2.350	1	6.815
G	2.800	5.500	1	15.400
G1	1.210	5.500	1	6.655
H	0.600	0.650	2	0.780
I	1.010	1.250	1	1.263
I1	0.890	1.000	1	0.890
I2	2.150	1.000	1	2.150
J	0.650	1.000	1	0.650
J1	0.600	1.000	1	0.600
K	1.285	2.480	1	3.187
L	5.160	1.800	2	18.576
L1	1.230	0.560	2	1.378
L2	1.430	1.240	2	3.546
L3	3.660	1.800	4	26.352
L4	4.865	0.250	2	2.433
M	1.650	1.700	2	5.610
M1	1.350	0.100	2	0.270
N	2.350	2.945	4	27.683
DEDUCTION (B)				325.393
F.A.R= COVERED AREA (A) - DEDUCTION (B)				595.423