

CERTIFICATE OF STRUCTURAL SAFETY

The following certificate is to be submitted along with the building plans drawing while submitting the plans for obtaining sanction of building permissions for Building No.

INTEGRATED PLOT AT MALVIYA NAGAR, METRO STATION LOCATED AT MALVIYA NAGAR

1) Certified that the building plans submitted to the Authority / Concerned local body shall be designed for safety requirements.

2) It is also certified that the structural design shall be based on National Building Code, including safety from natural hazards, based on soil conditions as per soil investigation report no. 17073314 dated JULY 2017 prepared by EXPLORE ENGINEERING CONSULTANTS PVT. LTD. will be taken into consideration and would be duly incorporated in structural drawings of the building to be constructed.

3) That in case the owner dispenses with my services at any stage whatsoever:

1) I shall inform the Authority / Concerned local body within 7 days along with the photograph of building showing the level / status of the building.

4) That in case I (Structural Engineer) decide not to continue further with project, then I shall inform the same to the authority / concerned local body within 7 days with copy to the owner

1. AJAY SAHNI S/O S.C. SAHNI STRUCTURAL ENGINEER, OFFICE AT BMSF DESIGN CONSULTANTS PVT. LTD. S-13/25, Ground Floor, DLF Phase-III, Gurugram-122002

do hereby solemnly affirm and declare as under:

1) That I am a structural Engineer by profession as per competency under these bye - laws...

2) That I have been appointed as a structural Engineer for preparing the structural design of building on INTEGRATED PLOT AT MALVIYA NAGAR, METRO STATION LOCATED AT MALVIYA NAGAR

3) That in case the owner dispenses with my services at any stage whatsoever:

1) I shall inform the Authority / Concerned local body within 7 days along with the photograph of building showing the level / status of the building.

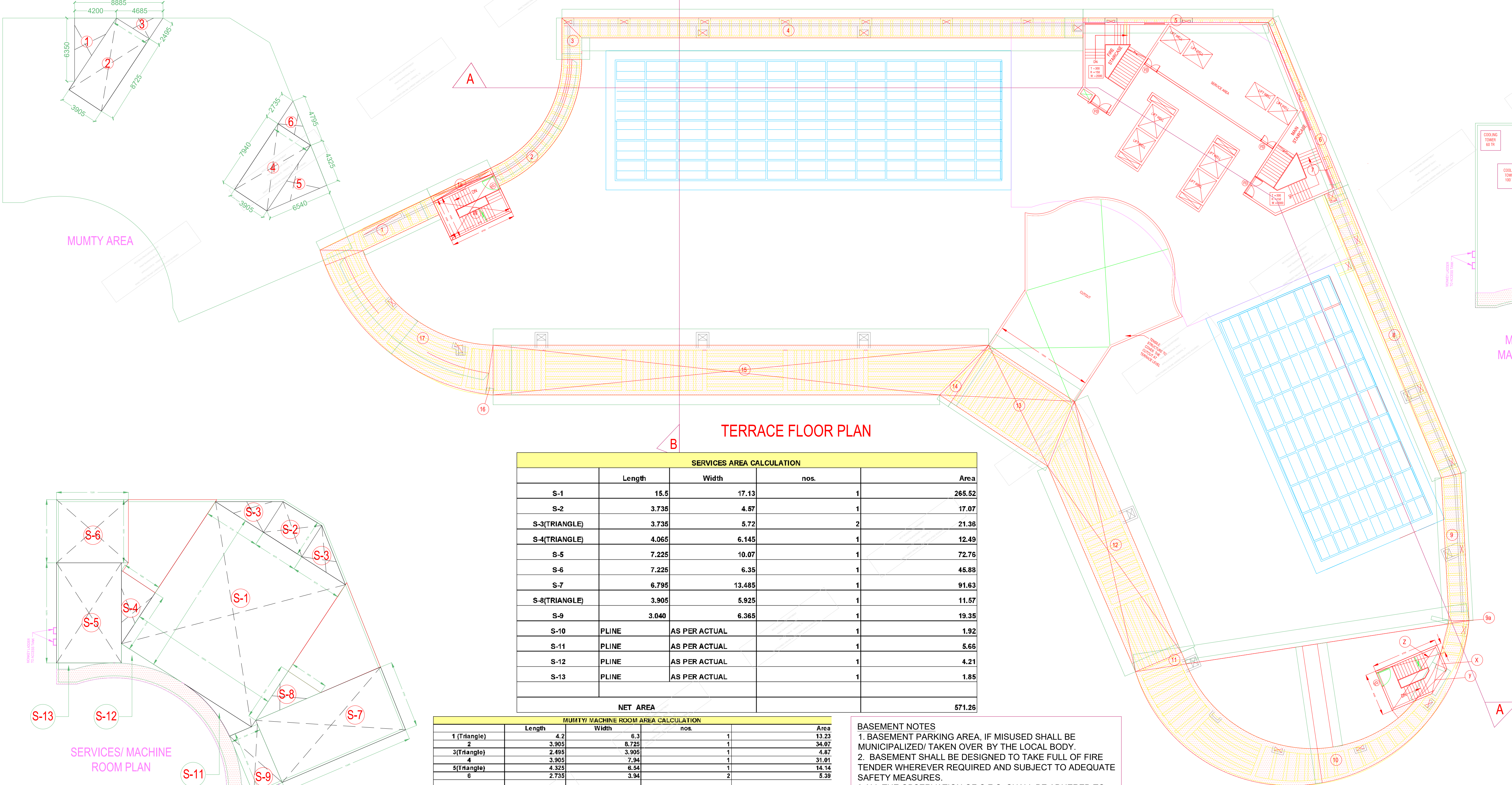
4) That in case I (Structural Engineer) decide not to continue further with project, then I shall inform the same to the authority / concerned local body within 7 days with copy to the owner

OCCUPANCY USE :- MERCANTILE/COMMERCIAL

ARCHITECTURE FEATURES AREA AT TERRACE FLOOR CALCULATION				
	Length	Width	nos.	Area
1		1/2(8.480+12.342)x1.975	1	20.54
1a	6.792		0.600	4.02
2	14.913		2.000	29.83
3		1/2(4.713+2.172)x2.00	1	8.89
4		1/2(62.364+60.363)x2.00	1	102.73
5		1/2(19.868+18.626)x6.472	1	8.96
6		1/2(18.365+16.107)x6.695	1	11.06
7		1/2x18.107x0.222	1	2.01
8		1/2(31.146+30.806)x2.000	1	61.95
9		1/2(14.868+14.344)x2.000	1	28.20
9a		1/2x2.000x0.392	1	0.39
10		(1/2X4/3x33.900x13.873)-(1/2X4/3X26.614x10.481)	1	127.57
11		1/2x1.284x6.00	1	3.21
12		1/2(27.419+22.436)x6.000	1	124.53
13		1/2(16.293+11.587)x6.881	1	78.62
14		1/2x1.344x6.881	1	4.62
15		1/2(49.790+44.876)x6.000	1	236.67
16		1/2x0.762x6.000	1	1.86
17	19.437		4.209	81.81
		total =X		933.51
		DEDUCTION		
y		1/2(4.297+2.920)x1.172	1	4.22
x		1/2x1.172x1.124	1	0.66
		TOTAL=Y+Z		4.89
TOTAL ARCHITECTURE FEATURES AREA AT TERRACE FLOOR =X-(y+z)				928.62

DOORSCHEDULE				
DISCRPTION	SIZE	SILL	LINTEL	
DW1	6.0X2.1	0	2.100	
DW2	6.00X2.400	0	2.400	
DW3	3.750X2.400	0	2.400	
DW4(FD)	5.85X2.4	0	2.400	
DW5	5.015X2.400	0	2.400	
D1(FD)	2.00X2.1	0	2.100	
D2(FD)	1.500X2.1	0	2.100	
D3(FD)	1.500X2.1	0	2.100	
D4	1.00X2.1	0	2.100	
D5	0.750X2.1	0	2.100	
D6	1.5X2.1	0	2.100	

WINDOWS SCHEDULE				
DISCRPTION	SIZE	SILL	LINTEL	
W1	3.260X1.500	0.900	2.400	
W2	3.445X1.500	0.900	2.400	
W3	2.000X1.500	0.900	2.400	
W4	6.000X1.500	0.900	2.400	
W5	4.800X1.500	0.900	2.400	
W6	4.600X2.400	0.900	2.400	
V1	2.585X0.600	1.800	2.400	



SERVICES AREA CALCULATION				
	Length	Width	nos.	Area
S-1	15.5	17.13	1	265.52
S-2	3.738	4.87	1	17.07
S-3(TRIANGLE)	3.738	5.72	2	21.38
S-4(TRIANGLE)	4.065	6.145	1	12.49
S-5	7.225	10.07	1	72.76
S-6	7.225	6.35	1	45.88
S-7	6.795	13.485	1	91.63
S-8(TRIANGLE)	3.905	5.925	1	11.57
S-9	3.040	6.365	1	19.35
S-10	PLINE	AS PER ACTUAL	1	1.92
S-11	PLINE	AS PER ACTUAL	1	5.66
S-12	PLINE	AS PER ACTUAL	1	4.21
S-13	PLINE	AS PER ACTUAL	1	1.85
		NET AREA		571.26

MUMTY MACHINE ROOM AREA CALCULATION				
	Length	Width	nos.	Area
1 (Triangle)	4.7	6.3	1	13.23
2	3.305	6.725	1	34.07
3(Triangle)	2.495	3.905	1	4.87
4	3.305	7.94	1	31.07
5(Triangle)	4.325	6.54	1	14.14
6	2.735	3.94	2	8.39
7	1/2(7.483+3.892)x5.434		1	30.97
W	6.201	4.390	1	26.98
x	1/2x1.172x1.124		1	0.66
y	1/2(4.297+2.920)x1.172		1	4.23
z	1/2(0.964+4.300)x6.700		1	17.63
		NET MUMTY AREA		182.86
O.H.T. AREA CALCULATION				
	Length	Width	nos.	Area
A	1/2(10.367+4.659)x8.322		1	63.36
B	1/2(10.367+5.108)x7.578		1	88.63
		Total		151.99

WATER HARVESTING CERTIFICATE

1. CERTIFIED THE BUILDING PLANS SUBMITTED FOR APPROVAL SATISFY THE WATER HARVESTING REQUIREMENTS AS WELL AS MINIMUM ANTICIPATED DISCHARGE OF WASTE WATER AS STIPULATED UNDER CLAUSE 22.4.1, 22.4.2, AND THE INFORMATION GIVEN THEREIN IS FACTUALLY CORRECT TO THE BEST OF OUR KNOWLEDGE AND UNDERSTANDING.

2. WASTE WATER RECYCLING SYSTEM SHALL BE INCORPORATE AT SITE. THE RECYCLED WATER SHALL BE USED FOR HORTICULTURE PURPOSE.

SOLAR WATER HEATING SYSTEM

THE NECESSARY ARRANGEMENTS FOR SOLAR WATER HEATING

BASEMENT NOTES

1. BASEMENT PARKING AREA, IF MISUSED SHALL BE MUNICIPALIZED/ TAKEN OVER BY THE LOCAL BODY.

2. BASEMENT SHALL BE DESIGNED TO TAKE FULL OF FIRE TENDER WHEREVER REQUIRED AND SUBJECT TO ADEQUATE SAFETY MEASURES.

3. ALL THE OBSERVATION OF C.F.O. SHALL BE ADHERED TO.

THE WALLS AND FLOORS OF BASEMENT SHALL BE WATER TIGHT AND BE SO DESIGNED THAT THE EFFECT OF THE SURROUNDING SOIL AND MOISTURE, IF ANY ARE TAKEN INTO ACCOUNT IN DESIGN AND ADEQUATE DAMP PROOFING TREATMENT IS GIVEN.

LIFT NOTE :

THE LIFT SHAFT IS ENTIRELY ENCLOSED AND A MATERIAL OF THE ASSISTANCE RATING TO BE USE IN THAT TYPE OF CONSTRUCTION SELF FIRE SAFETY ARRANGEMENT MAY BE INCORPORATED IN THE BUILDING AS PER THE NATIONAL BUILDING CODE PART-IV

NOTE FOR SOLAR HEATING SYSTEM :

SOLAR WATER HEATING SYSTEM AS PER NOTIFICATION OF GOVERNMENT OF NGT OF DELHI SHALL BE INSTALLED

GREEN BUILDING CERTIFICATE :

CERTIFIED THAT THE BUILDING PLANS SUBMITTED FOR APPROVAL SATISFY THE GREEN BUILDING PROVISIONS GIVEN IN CHAPTER-10

1. WATER CONSERVATION AND MANAGEMENT.

(a) rain water harvesting (by recharge)

(b) low water consumption plumbing fixtures

(c) waste water recycle and reuse

(d) reduction of hardscape

2. SOLAR ENERGY UTILIZATION

(a) installation of solar photovoltaic panels

(b) installation of solar assisted water heating system

3. ENERGY EFFICIENCY

(a) low energy consumption lighting fixtures

(b) energy efficiency in hvac system

4. WASTE MANAGEMENT

(a) segregation of waste

(b) organic waste management

DMRC

OWNER'S SIGNATURE

ARCHITECT'S SIGNATURE

SUBMISSION

PROJECT NAME AND ADDRESS:

REVISED BUILDING

AT MALVIYA NAGAR MRTS STATION COMPLEX, NEW DELHI

CLIENT NAME AND ADDRESS:

BEST VIEW INFRACON LIMITED

201-212, II FLOOR, SPLENDOR FORUM,

JASOLA DISTRICT CENTRE,

JASOLA, NEW DELHI - 110025

NAME OF THE DRAWING:

PLAN

TERRACE FLOOR PLAN

Drq. Code No.:

Scale

1:250

REVISION

R01

North

North

ARCHITECT:

DESIGN FORUM

INTERNATIONAL

K-47, KAILASH COLONY

NEW DELHI

TEL : 011 - 46556600

