



LT Panel Room Area Detail
 = (A-1) x 2
 = (6.000 x 35.040 - 5.600 x 6.430) x 2
 = 210.240 - 72.016 = 138.224 SQM

HT Metre Room Area Detail
 A = 3.460 x 8.490 = 29.375 SQM

G.Room Area Detail
 B = 2.840 x 2.960 x 2 = 16.812 SQM
 C = 1.730 x 2.010 x 2 = 6.950 SQM
 Total = 23.762 SQM

Total Area Detail
 (LT Panel Rm + Guard Room + HT Metre Rm.)
 (138.224 + 23.762 + 29.375) = 191.361 SQM

PLUMBING LEGEND:

---	SEWERAGE LINE
---	STORM WATER LINE
---	WATER SUPPLY LINE
---	FLUSHING WATER SUPPLY LINE
---	GREEN HYDRANT PIPE
○	STORM MANHOLE
○	SEWERAGE MANHOLE
○	MH MANHOLE
IL	INVERT LVL.
GL	GROUND LVL.
IL	INVERT LVL.
CL	CONNECTION LVL.

Stilt & Podium Area Detail

Block	Area (SQM)
Block -A	459.549
Block -B	441.458
Block -C	330.422
Block -D	348.063
Podium	440.541
Total	2020.033

Ground Coverage Area Detail

Block	Area (SQM)
Ground Coverage Block -A	590.004
Ground Coverage Block -B	590.004
Ground Coverage Block -C	447.693
Ground Coverage Block -D	447.693
Podium Area	440.541
Community Hall	345.238
Commercial	59.432
LT Panel, G. Rm. & HT Metre	191.361
Total	3111.966

No Of Du's Detail

Floor	Block-A	Block-B	Block-C	Block-D	Total
1st. Floor	08	08	06	06	28 Du's
2nd. Floor	08	08	06	06	28 Du's
3rd. Floor	08	08	06	06	28 Du's
4th. Floor	08	08	06	06	28 Du's
5th. Floor	08	08	06	06	28 Du's
6th. Floor	08	08	06	06	28 Du's
7th. Floor	08	08	06	06	28 Du's
8th. Floor	08	08	06	06	28 Du's
9th. Floor	08	08	06	06	28 Du's
10th. Floor	08	08	06	06	28 Du's
11th. Floor	-	-	06	06	12 Du's
12th. Floor	-	-	04	04	08 Du's
Total	80	80	70	70	300 Du's

Non F.A.R Area Detail in SQM

Floor	Area	No. of Block	Total Area (SQM)
Ground floor Block-A & B	33.466	2	66.932
Ground floor Block-C & D	35.462	2	70.924
Stilt floor area Block-A	459.549	1	459.549
Stilt floor area Block-B	441.458	1	441.458
Stilt floor area Block-C	330.422	1	330.422
Stilt floor area Block-D	348.063	1	348.063
Podium area Block-A, B & C	440.571	1	440.571
Typical Floor area Block-A & B	21.541	2X10	430.820
Typical Floor area Block-C & D	23.260	2X12	558.240
Mumty & Mac.Rm. Block-A & B	67.603	2	135.206
Mumty & Mac.Rm. Block-C & D	66.192	2	132.384
Total			3414.569

CALCULATION OF F.A.R

Floor	Type-A (2BHK) Block-Ax1 S+10(SQM)	Type-A (2BHK) Block-Bx1 S+12(SQM)	Type-A (2BHK) Block-Cx1 S+12(SQM)	Type-A (2BHK) Block-Dx1 S+12(SQM)	Community Hall	Commercial	Others Area	Total
Stilt Floor	96.989	115.080	411.031	81.809	64.168	345.238	59.432	762.716
1st. Floor	551.367 x 1	551.367 x 1	551.367 x 1	411.031 x 1	411.031	411.031 x 1	411.031	2103.094
2nd. Floor	551.367 x 1	551.367 x 1	551.367 x 1	411.031 x 1	411.031	411.031 x 1	411.031	1924.796
3rd. Floor	551.367 x 1	551.367 x 1	551.367 x 1	411.031 x 1	411.031	411.031 x 1	411.031	1924.796
4th. Floor	551.367 x 1	551.367 x 1	551.367 x 1	411.031 x 1	411.031	411.031 x 1	411.031	1924.796
5th. Floor	551.367 x 1	551.367 x 1	551.367 x 1	411.031 x 1	411.031	411.031 x 1	411.031	1924.796
6th. Floor	551.367 x 1	551.367 x 1	551.367 x 1	411.031 x 1	411.031	411.031 x 1	411.031	1924.796
7th. Floor	551.367 x 1	551.367 x 1	551.367 x 1	411.031 x 1	411.031	411.031 x 1	411.031	1924.796
8th. Floor	551.367 x 1	551.367 x 1	551.367 x 1	411.031 x 1	411.031	411.031 x 1	411.031	1924.796
9th. Floor	551.367 x 1	551.367 x 1	551.367 x 1	411.031 x 1	411.031	411.031 x 1	411.031	1924.796
10th. Floor	551.367 x 1	551.367 x 1	551.367 x 1	411.031 x 1	411.031	411.031 x 1	411.031	1924.796
11st. Floor	-	-	411.031 x 1	411.031	411.031	411.031 x 1	411.031	822.062
12st. Floor	-	-	282.636 x 1	282.636	282.636 x 1	282.636	-	565.272
LT Panel, G. Rm. & HT Metre	-	-	-	-	-	-	191.361	191.361
Total	5610.659	5628.750	4885.786	4868.145	523.536	59.432	191.361	21767.669

Area Statement in SQM

	Permissible Area	Proposed Area	%
Total Zoned area (3.381 Acres)	15248.200 Sqm		
Total Plot area (5.023 Acres)	20325.860 Sqm		
Permissible FAR @ 1.75	35569.905 SQM	21767.669 SQM	1.075
Permissible Ground Coverage @ 35%	7113.981 SQM	3111.966 SQM	15.31
No Of units Occupancy Per Dwelling Unit	5	300 Units	
Total Population Density	100 - 300	1500 Persons	
Permissible Green Area @ 15%	3048.849 SQM	3302.914 SQM	16.24
Non F.A.R Area		3414.569 SQM	
Car Parking (Housing)	1.50 ECS Per Du's Unit		
Visitors Car Parking @ 5% of Req. Car	450 x 5% = 22.5 = 23 Cars		
Total Car Required (Housing + Visitors)	450 + 23 = 473 Cars		
Total Car Parking Area Required (473x25)	11825.000 SQM	12630.111 SQM	
Total Car parking provided (Housing + Visitors)		473 Cars	
Total Stilt + Podium Area		2020.033 SQM	
TOTAL F.A.R. + NON F.A.R AREA		25182.238 SQM	

CLIENT: ARMY WELFARE HOUSING ORGANISATION

PROJECT: **AWHO UNDER JAI JAWAN YOJNA IN SECTOR-7 HOUSING COMPLEX AT BAHADURGARH**

ARCHITECTS: GARG & ASSOCIATES ARCHITECTS, ENGINEERS, PLANNERS 46, REGAL BUILDING CONN. PLACE NEW DELHI - 110001. PHONE :- 011-23742808, 23742509.

SHEET TITLE: SERVICE LAYOUT PLAN north

dealt by:- Sanjay drg.no

scale: 1:300

date: Aug-2017 **01a**

Owners Sign:

Architects Sign:

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