DETAIL PARKING CALCULATION

NO. OF DWELLING UNITS = 430.00 ECS
PARKING SPACE @1.5 ECS / DWELLING
= 430 X 1.5 = 645.00 ECS

75% PARKING MUST BE AS COVD. PARKING
= 645 X 0.75 = 483.75 ECS
= 484.00 ECS

OPEN PARKING REQUIRED
= 645 - 484 = 161.00 ECS

AREA REQUIRED FOR 161 ECS (OPEN PARKING) @ 25 / ECS
= 161 X 25 = 4025.00 SQMT.

CALCULATION OF OPEN PARKING AREA PROVIDED

P1	=	190.32	X	5.4	X	1	=	1027.73
P2	=	5.4	X	60.36	X	1	=	325.94
P3	=	67.07	X	5.4	X	1	=	362.18
P4	=	5.4	X	140.48	X	1	=	758.59
P5	=	5.4	X	38.26	X	1	=	206.60
P6	=	62.04	X	5.4	X	1	=	335.02
P7	=	21.65	X	5.4	X	1	=	116.91
P8	=	67.07	X	5.4	X	1	=	362.18
P9	=	5.4	X	61.68	X	1	=	333.07
P10	=	67.07	X	5.4	X	1	=	362.18
P11	=	5.4	X	170.265	X	1	=	919.43
P12	=	13.15	X	5.400	X	1	=	71.01
P13	=	5.4	X	36.000	X	1	=	194.40
P14	=	5.4	X	54.000	X	1	=	291.60
				TOTAL			=	5666.84

OPEN PARKING PROVIDED = **5666.84 SQMT.**
161 CARS
REQUIRED = **4025 SQMT.**

COVD. PARKING ON STILTS

CALCULATION S OF COVD. PARKING PROVIDED UNDER TOWERS

STILT FLOOR PARKING AREA OF TOWER -1	=	700.23
STILT FLOOR PARKING AREA OF TOWER-2	=	1584.46
STILT FLOOR PARKING AREA OF TOWER-3	=	1378.2
STILT FLOOR PARKING AREA OF TOWER-4	=	626.64
STILT FLOOR PARKING AREA OF TOWER-5	=	314.32
STILT FLOOR PARKING AREA OF TOWER-6	=	1281.668
STILT FLOOR PARKING AREA OF TOWER-7	=	797.92
STILT FLOOR PARKING AREA OF EWS	=	496.72
TOTAL COVD. PARKING AREA UNDER STILTS	=	**7172.148**
ECS PROVIDED @ 30 SQM/ECS	=	**239.0716**
	=	**239 ECS**

OTHER COVD. PARKING

C1	=	24.81	X	9.99	=	247.85	SQMT.
C2	=	29.65	X	8.62	=	255.58	SQMT.
C3	=	31.18	X	12.755	=	397.70	SQMT.
C4	=	7.745	X	10	=	77.45	SQMT.
C5	=	15.09	X	8.45	=	127.51	SQMT.
C6	=	26.5	X	7.925	=	210.01	SQMT.
C7	=	14.79	X	15.47	=	228.85	SQMT.
C8	=	33.045	X	9.375	=	309.80	SQMT.
C9	=	8.485	X	20.415	=	173.22	SQMT.
C10		13.2	X	27.085	=	357.52	SQMT.
C11		10.985	X	25.725	=	282.59	SQMT.
C12		5.4	X	43.56	=	235.22	SQMT.

TOTAL = 2903.11 SQMT.
ECS PROVIDED @30 SQMT/ECS = 96.77 ECS

COVERED PARKING UNDER STILT = 239
COVERED PARKING AT SITE = 104
COVERED PARKING IN BASEMENT = 141

REQUIRED COVERED PARKING = 484
PROVIDED COVERED PARKING = 484

OPEN PARKING
COVD PARKING (ON OPEN AREA)

D.T.P. (HQ.) S.T.P. (ROHTAK) C.T.P. (HARYANA)

NOTE:-

1. STRUCTURE STABILITY CERTIFICATE

CERTIFIED THAT THE STRUCTURE PART OF THE ENTIRE BUILDING HAVE BEEN DESIGNED ON THE BASIS OF AREA AND CALCULATIONS AND IS CONSIDERED SAFE IN ACCORDANCE WITH PERMISSIBLE STRESSES AND SLENDERNESS RATIO.

2. EARTHQUAKE SAFETY CERTIFICATE

CERTIFIED THAT THE ENTIRE BUILDING HAS BEEN DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE THE LATEST ADDITIONS OF NATIONAL BUILDING CODE OF BUREAU INDIAN STANDARD FOR STRUCTURAL STABILITY AND TO WITH STAND THE EARTHQUAKE.

3. RAIN WATER HARVESTING

RAIN WATER HARVESTING SYSTEM SHALL BE PROVIDED AT SITE AS PER PREVAILING NORMS OF THE GOVT.

4. SOLAR WATER HEATING SYSTEM

SOLAR WATER HEATING SYSTEM SHALL ALSO BE PROVIDED AT SITE AS PER PREVAILING NORMS OF THE GOVT.

PARKING DETAIL FOR CONVENIENT SHOPS:

TOTAL AREA OF CONVENIENT SHOPS =181.61 SQM
Parking Required = 1.5 ECS per 50.0 sqmt of covd area
total ECS required = (181.61 / 50) x 1.5
= 5.45 say 6 ECS

ECS provided = 6
area required = 6 x 25 = 150 sqm

area calculation
PS1=16.82 x 8.92 =150.034 sqm
total area provided = 150.034 sqm

SANCTIONED
To be read in conjunction with memo no. 12449 Dtd 19/12/16

JOB TITLE
REVISED PROPOSED BUILDING PLAN FOR TOWER 6, 7 & EWS FOR GROUP HOUSING SCHEME IN SECTOR -3A, BAHADURGARH (LICENCE NO.179 OF 2007 DATED 25.4.07) BEING DEVELOPED BY M/S PRABHU SHANTI REAL ESTATE PVT. LTD.

OWNER'S SIGNATURE: Director, Prabhu Shanti Real Estate Pvt. Ltd. Sector 3-A, Sami Annagrahar, Bahadurgarh (Distt.- Jhajjar) Hr.

ARCHITECT'S SIGNATURE:

DRAWING TITLE
STILT/ PARKING PLAN

PROJECT NO. :

SCALE - 1:500 | DATE: | DRAWN:

ARCHITECTS B.ARCH., AIIA., FIV.
VIJAY GUPTA ARCHITECTS
601, CHIRANJIV TOWER 43, NEHRU PLACE, NEW DELHI
TEL. 011-26414763, 26465426, 26410790

DRG. NO. PDM/SUB/SPP/01 R0