POPULATION DENSITY CALCULATION
SITE AREA = 8.976 ACRES = 36324.525 SQM.
PERMISSIBLE DENSITY :
MINIMUM = 100 PERSONS/ACRES
MAXIMUM = 400 PERSONS/ACRES = 400 X 8.976 = 3590.40 SAYS 3591

PROPOSED POPULATION	NO. OF MAIN UNITS	430
	NO. OF UNITS WITH SERVANT	43
	NO. OF UNITS WITHOUT SERVANT	387
	NO. OF PEOPLE IN 1 UNIT (WITH SERVANT)	7
	NO. OF PEOPLE IN 1 UNIT (WITHOUT SERVANT)	5
	NO. OF E.W.S UNITS = (430 X 15)/85 = 75.88	76 E.W.S UNITS
	NO. OF PEOPLE IN 1 E.W.S UNIT	2
	TOTAL POPULATION = (430 X 5) + (43 X 2) + (76 X 2) = 2388.00	
DENSITY ACHIEVED	2388 / 8.976 i.E 266.04 PERSONS = 267 PERSONS/ACRE	

AREA STATEMENT :-	SQMT.	
SITE AREA	36324.525	8.976 ACRES
PERMISSIBLE GROUND COVEREAGE @ 35%	12713.584	
PROPOSED GROUND COVERAGE	7917.401	21.80 PERCENT
PERMISSIBLE F.A.R @175 % OF PLOT	63567.919	
PROPOSED F.A.R	63510.745	174.84 PERCENT
TOTAL BASEMENT AREA (ALREADY SANCTIONED)	7296.900	
PERMISSIBLE ORGANISED OPEN SPACE @15% OF PLOT AREA (GREEN AREA)	5448.679	
PROPOSED ORGANISED OPEN SPACE (GREEN AREA)	5458.753	
PERMISSIBLE COMMERCIAL AREA @0.5% OF PLOT AREA (CONVENIENT SHOP)	181.622	
PROPOSED COMMERCIAL AREA (CONVENIENT SHOP)	181.610	

CAR PARKING CALCULATION
NO. OF DWELLING UNITS = 430
PARKING REQUIRED = 430 X 1.5 = 645 ECS @ 1.5 / DWELLING UNIT
TOTAL COVD. PARKING REQUIRED@ 75% OF TOTAL ECS = 483.75 SAY 484
NO. OF ECS AS COVD PARKING ACHIEVED AT BASEMENT = 160 @35 SQM/ ECS
NO. OF ECS AS COVD. PARKING ACHIEVED AT SURFACE = 238 + 105 = 343 @30 SQM/ECS
TOTAL ECS AS COVD. PARKING ACHIEVED = 343+160 = 503 ECS
OPEN PARKING REQUIRED = 645-503 = 142 ECS
PROPOSED OPEN PARKING = 161 ECS
TOTAL NO. OF CAR PARKING PROVIDED = 503 + 161 = 664 ECS

NOTE:- IF THE POPULATION IS LESS THAN 2500 PERSON, SCHOOL IS NOT REQUIRED BUT IF POPULATION IS MORE THAN 2500 THEN 0.2 ACRE AREA OF LAND IS REQUIRED FOR SCHOOL

FAR CALCULATION DETAIL

		ALREADY SANCTIONED TOWER							PROPOSED TOWERS					
		TOWER 1	TOWER 2	TOWER 3	TOWER 4	TOWER 5	CONVENIENT SHOPS	COMMUNITY CENTRE	TOWER 6 (100 UNITS)		TOWER 7 (80 UNITS)		EWS (76 UNITS)	
		48 UNITS	80 UNITS	88 UNITS	40 UNITS	76 UNITS			FAR AREA	NON FAR AREA	FAR AREA	NON FAR AREA	FAR AREA	NON FAR AREA
S.NO.	FLOOR	AREA IN SQMT.							AREA IN SQMT.					
1	GROUND/STILT	80.46	152.51	137.12	73.52	36.76	181.61	261.08	1217.421	1167.369	1117.227	893.305	79.432	396.72
2	1ST	684.55	1553.1	1350.36	612.96	306.48	-	261.08	1264.266	20.522	780.55	-	476.152	-
3	2ND	684.55	1553.1	1350.36	612.96	306.48	-	-	1264.266	20.522	780.55	-	476.152	-
4	3RD	684.55	1553.1	1350.36	612.96	306.48	-	-	1264.266	20.522	780.55	-	476.152	-
5	4TH	684.55	1553.1	1350.36	612.96	306.48	-	-	1264.266	20.522	780.55	-	476.152	-
6	5TH	684.55	1553.1	1350.36	612.96	306.48	-	-	1264.266	20.522	780.55	-	476.152	-
7	6TH	684.55	1553.1	1350.36	612.96	306.48	-	-	1264.266	20.522	780.55	-	66.535	-
8	7TH	684.55	1553.1	1350.36	612.96	306.48	-	-	1264.266	20.522	780.55	-	-	-
9	8TH	684.55	1553.1	1350.36	612.96	306.48	-	-	1264.266	20.522	780.55	-	-	-
10	9TH	-	-	1350.36	612.96	-	-	-	1264.266	20.522	780.55	-	-	-
11	10TH	-	-	469.41	612.96	-	-	-	1264.266	20.522	780.55	-	-	-
12	MUMTY & MACHINE ROOM								140.961	-	139.225	-	60.108	
13	GROUND ROOF								100.766	-	-	-	-	-
TOTAL AREA IN SQMT.		5556.86	12677.31	12759.77	6203.12	2466.6	181.61	522.12	12760.101	1617.318	7922.55	802.526	2536.727	456.826

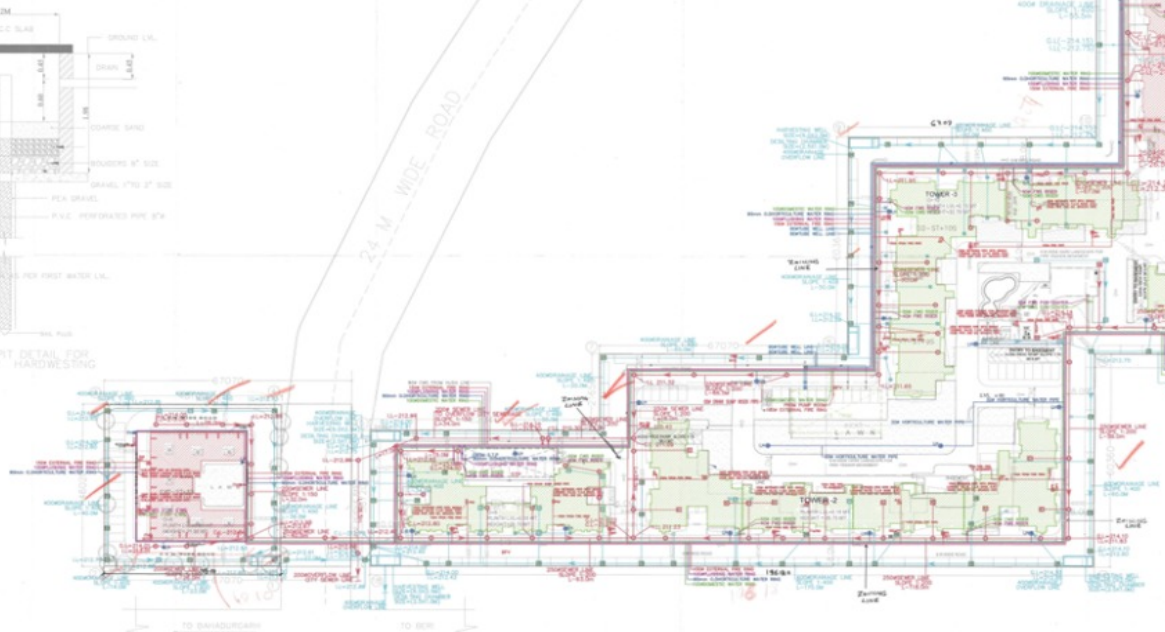
ALREADY SANCTIONED GROUND COVERAGE FOR TOWER 6	=	1219.69 SQMT.
PROPOSED GROUND COVERAGE FOR TOWER 6	=	1527.043 SQMT.
ALREADY SANCTIONED FAR AREA FOR TOWER 6	=	12079.72 SQMT.
PROPOSED FAR AREA FOR TOWER 6	=	12760.101 SQMT.
ALREADY SANCTIONED GROUND COVERAGE FOR TOWER 7	=	917.08 SQMT.
PROPOSED GROUND COVERAGE FOR TOWER 7	=	827.788 SQMT.
ALREADY SANCTIONED FAR AREA FOR TOWER 7	=	7277.24 SQMT.
PROPOSED FAR AREA FOR TOWER 7	=	7922.527 SQMT.
ALREADY SANCTIONED GROUND COVERAGE FOR EWS	=	486.72 SQMT.
PROPOSED GROUND COVERAGE FOR EWS	=	518.37 SQMT.
ALREADY SANCTIONED FAR AREA FOR EWS	=	2451.54 SQMT.
PROPOSED FAR AREA FOR EWS	=	2536.727 SQMT.
ALREADY SANCTIONED GR. COVERAGE FOR TOWER 6, 7 & EWS	=	2623.47 SQMT.
PROPOSED GROUND COVERAGE FOR TOWER 6, 7 & EWS	=	2873.201 SQMT.
ALREADY SANCTIONED FAR AREA FOR TOWER 6, 7 & EWS	=	21808.5 SQMT.
PROPOSED FAR AREA FOR TOWER 6, 7 & EWS	=	23221.355 SQMT.
PROPOSED NON FAR AREA FOR TOWER 6, 7 & EWS	=	2878.672 SQMT.
PROPOSED FAR + NON FAR AREA FOR TOWER 6, 7 & EWS	=	26100.027 SQMT.

ALREADY SANCTIONED TOWERS DETAIL

HOUSING TOWER NO	DESCRIPTION	NO. OF FLOORS	NO. OF UNITS	HEIGHT (IN MTS.)	UNITS WITH SERVANT	GROUND/ STILT FLOOR AREA (IN SQMT.)	GROUND COVERAGE (IN SQMT.)	TOTAL F.A.R (IN SQMT.)
	1TYPE D	G+8	48	26.7	-	80.46	700.23	5556.86
	2TYPE D,E	G+8	80	26.7	-	152.51	1584.45	12677.31
	3TYPE F & G	G+10	88	32.7	-	137.12	1373.88	12759.77
	4TYPE C	G+10	40	32.7	40	73.52	628.64	6203.12
	5TYPE C	G+8	16	26.7	2	36.76	314.32	2466.6
TOTAL DWELLING UNIT			292					
CONVENIENT SHOPS		GR. FL.	-	3.15	-	181.61	181.61	181.61
COMMUNITY CENTRE		G+1	-	7	-	261.08	261.08	522.12
TOTAL						823.04	5044.2	40289.39

PROPOSED TOWERS DETAIL

	6TYPE A & G	G+10	100	35	1	117.421	1527.043	12760.101
	7TYPE E	G+10	80	35	-	117.227	827.788	7922.527
	EWS	G+8	76	26.7	-	79.432	518.37	2536.727
					TOTAL	314.08	2873.201	23221.355
ALREADY SANCTIONED + PROPOSED						1237.12	7917.401	63510.745



RECHARGE PIT DETAIL FOR RAIN WATER HARDWESRING (NTS)

SANCTIONED

NOTE:-

THIS IS TO CERTIFY THAT THERE IS NO CHANGE IN THE SETBACK, AREA DETAIL, LOCATION OF TOWER, HEIGHTS AS PER EARLIER APPROVED BUILDING PLAN OF DGTCP MEMO NO. ZP-263/JD(NK)/2011/9753, DATED 19.07.2011.

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.

LEGEND	
	150Ø EXTERNAL FIRE RING
	100Ø DOMESTIC PIPE
	100Ø FLUSHING PIPE
	90Ø HORTICULTURE PIPE
	80Ø TUBE WELL LINE
	80Ø CWS FROM CITY SUPPLY
FBC	FIRE BRIGADE CONNECTION
FV	FULL VALVE
BFV	BUTTER FLY VALVE
CV	CHECK VALVE/NON-RETURN VALVE
FH	FIRE HYDRANT
LH	LAWN HYDRANT
TW	WATER TUBE WELL
MHS	MANHOLE SEWERAGE 900Ø
MHD	MANHOLE DRAINAGE 900x800mm
CB	BATCH BASING 600x600mm
RGG	ROAD GULLY GRATING 300x300mm
GT	GULLY TRAP 300x300mm
	HARVESTING WELL SIZE=(6.0X2.5M) DESILTING CHAMBER SIZE=(2.5X1.0M)

ALREADY SECTIONED BUILDING

PROPOSED BUILDING

JOB TITLE
REVISED PROPOSED BUILDING PLAN FOR TOWER 6, 7 & EWS FOR GROUP HOUSING SCHEME IN SECTOR -3A, BAHADURGARH (LICENICE 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, Near Aurogolaal, Bahadurgarh (Distt.- Jhajjar) Hr

ARCHITECTS SIGNATURE:

DRAWING TITLE
REVISED SITE PLAN

PROJECT NO. :

SCALE:- 1:500 DATE: DRAWN:

ARCHITECTS
VIJAY GUPTA ARCHITECTS
601, CHIRANJIV TOWER 43, NEHRU PLACE, NEW DELHI TEL : 011-26414763, 26465428, 26410750

DRG. NO. PDM/SUB/SP/01 R2