DETAIL PARKING CALCULATIONS

NO OF DWELLING UNITS = 402 ECS

PARKING SPACE @ 1.5 ECS / DWELLING
= 402 X 1.5 = 603 ECS

75 % PARKING MUST BE AS COVD. PARKING
= 603 X 0.75 = 452.25 ECS
= 453 ECS

OPEN PARKING REQUIRED =
= 603 – 453 = 150 ECS

AREA REQUIRED FOR 150 ECS (OPEN PARKING) @ 25 / ECS
= 150 X 25 = 3750

CALCULATION OF OPEN PARKING AREA PROVIDED

P1	=	190.32	X	5.40	= 1027.73
P2	=	5.40	X	60.36	= 325.94
P3	=	67.67	X	5.40	= 352.18
P4	=	5.40	X	140.48	= 758.59
P5	=	5.40	X	38.28	= 206.60
P6	=	62.04	X	5.40	= 335.02
P7	=	21.65	X	5.40	= 116.91
P8	=	67.67	X	5.40	= 352.18
P9	=	5.40	X	61.68	= 333.07
P10	=	67.07	X	5.40	= 352.16
P11	=	5.40	X	170.27	= 919.43
				TOTAL	= 6109.83

OPEN PARKING PROVIDED
= 5109.83 SQM
REQUIRED = 3750 SQM

COVD. PARKING ON STILTS

CALCULATIONS OF COVD. PARKING PROVIDED UNDER TOWERS

STILT FLOOR PARKING AREA OF TOWER -1	= 700.23 SQM
STILT FLOOR PARKING AREA OF TOWER -2	= 1594.46 SQM
STILT FLOOR PARKING AREA OF TOWER -3	= 1376.20 SQM
STILT FLOOR PARKING AREA OF TOWER -4	= 928.84 SQM
STILT FLOOR PARKING AREA OF TOWER -5	= 314.32 SQM
STILT FLOOR PARKING AREA OF TOWER -6	= 1219.69 SQM
STILT FLOOR PARKING AREA OF TOWER -7	= 917.06 SQM
STILT FLOOR PARKING AREA OF EWS	= 496.72 SQM
TOTAL COVD. PARKING AREA UNDER STILTS	= 7229.32 SQM
ECS PROVIDED @ 30 SQM/ECS	= 240.98
	= 241 ECS

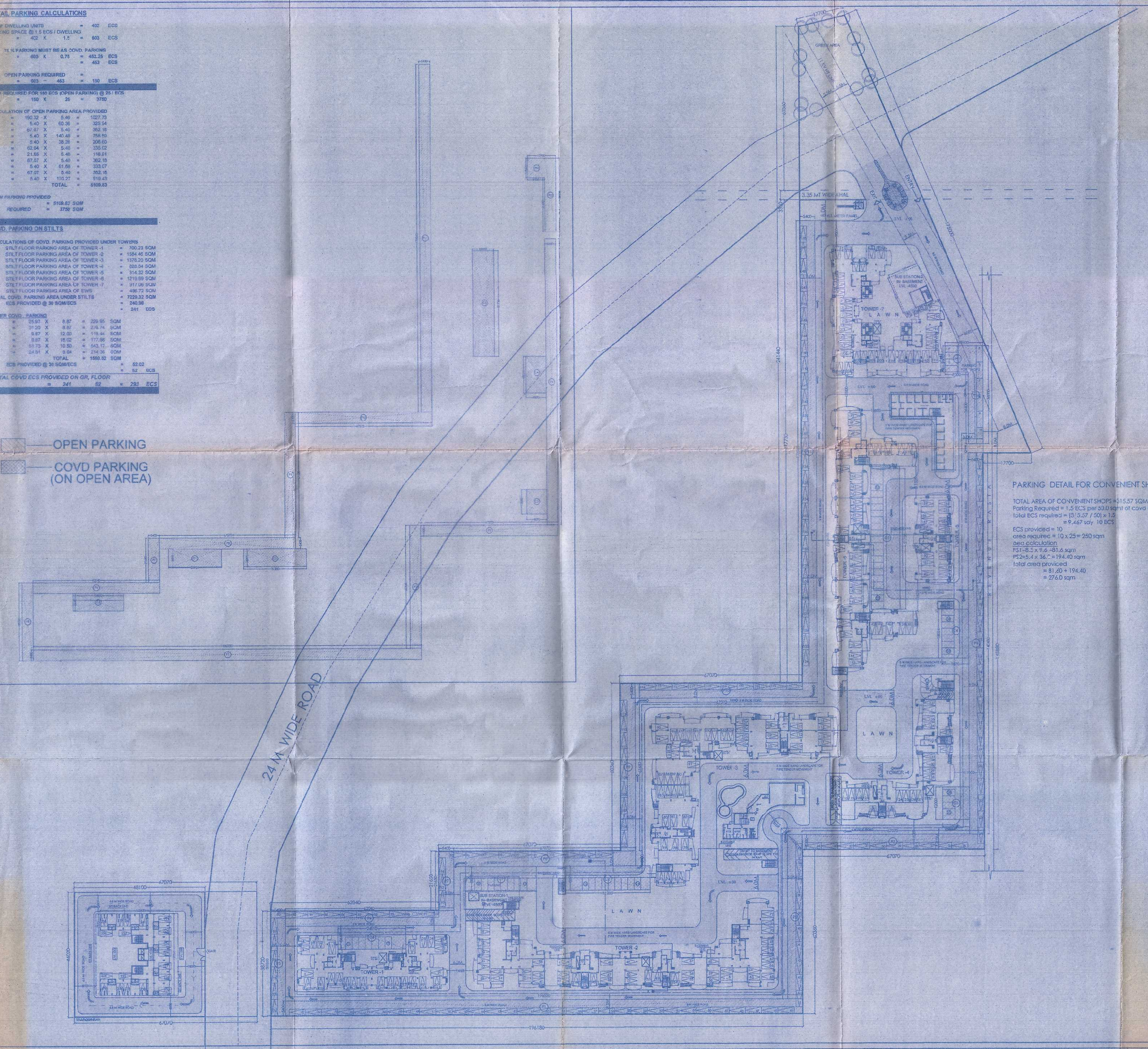
OTHER COVD. PARKING

C1	=	25.93	X 8.87	=	229.95 SQM
C2	=	31.20	X 8.87	=	276.74 SQM
C3	=	9.87	X 12.00	=	118.44 SQM
C4	=	9.87	X 18.02	=	177.86 SQM
C5	=	51.73	X 10.50	=	543.17 SQM
C6	=	24.91	X 8.64	=	214.36 SQM
			TOTAL	=	1560.82 SQM
ECS PROVIDED @ 30 SQM/ECS				=	52.02
				=	52 ECS

TOTAL COVD ECS PROVIDED ON GR. FLOOR
= 241 52 = 293 ECS

OPEN PARKING

COVD PARKING (ON OPEN AREA)



PARKING DETAIL FOR CONVENIENT SHOPS:

TOTAL AREA OF CONVENIENT SHOPS =515.57 SQM
Parking Required = 1.5 ECS per 50.0 sqmt of covd area
total ECS required = (515.57 / 50) x 1.5
= 9.467 say 10 ECS

ECS provided = 10
area required = 10 x 25 = 250 sqm
aea calculation
RS1=8.2 x 9.6 =81.6 sqm
PS2=5.4 x 36.0 = 194.40 sqm
total area proviced
= 81.60 + 194.40
= 276.0 sqm

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

No.	Date	DESCRIPTION
1		

REVISIONS / ADDITIONS

JOB TITLE
PROPOSED 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:
For Prabhu Shanti Real Estate Pvt. Ltd.
Director

ARCHITECT'S SIGNATURE:
VIJAY GUPTA, B.ARCH., AIIA, FIV
Architect & Wealth Tax Valuer
601, Chiranjiv Tower, 43, Nehru Place, New Delhi-110 019
CA-75/1916

DRAWING TITLE
STILT FLOOR / STILT PARKING PLAN

PROJECT NO. :

SCALE - 1:500 | DATE : AUG 2009 | DRAWN :

ARCHITECTS B.ARCH., AIIA, FIV
VIJAY GUPTA
ARCHITECTS
601, CHIRANJIV TOWER
43, NEHRU PLACE, NEW DELHI
TEL : 011-26414763, 26465428, 26410790

N

DRG. NO. PDM /SUB/PP/01 R1