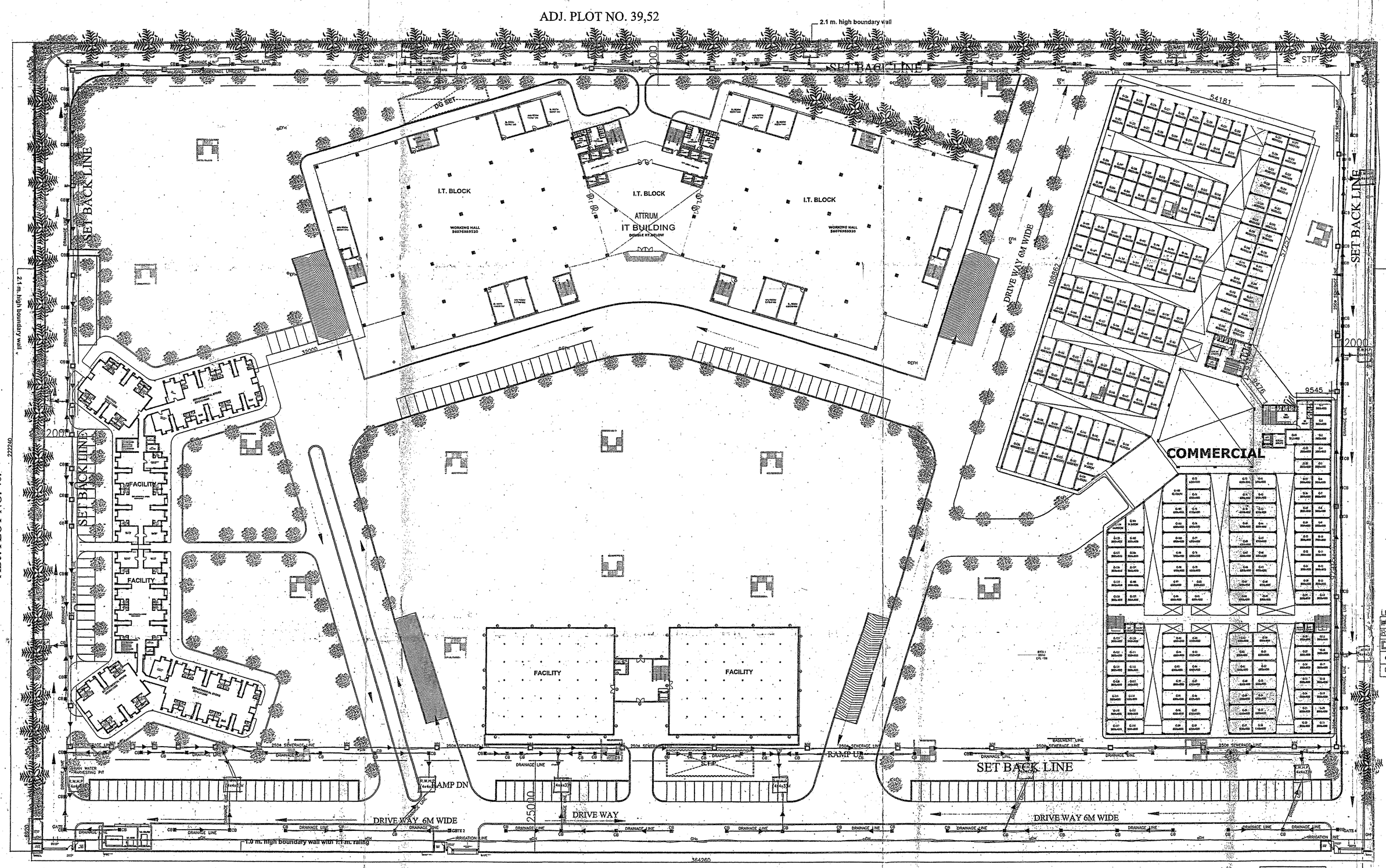
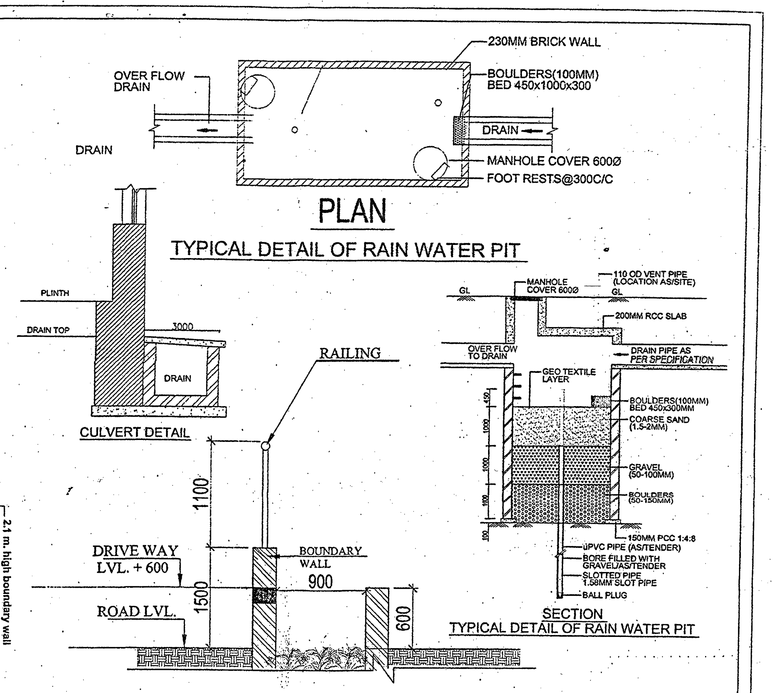




IT-PARK ON PLOT NO. 44, 45, SECTOR-KP-V, G.NOIDA

DETAIL OF RAIN WATER HARVESTING PIT

S. No.	Description of Area	Area in sq. m.	Co-efficient of run off	Rainfall in mm	Catchment Area in sq. m.	Time of concentration in minutes	Co-efficient of Storage	Volume of Water for rain water harvesting Pit in cu. m.
1	Land Area							
2	Building Area	24,285	90%	40	24,285	60	90%	972.00
3	Times Area on soft land	24,285	30%	40	24,285	60	30%	291.00
4	Paved Area for parking and roads	24,285	70%	40	24,285	60	70%	679.00
	TOTAL	80,953			80,953			1,651.64
	FORMAGE CALCULATION FORMULA							
	Q = C x I x A x 10 (CUBIC METER PER HOUR)							
	Q = C x I x A / 60 in lits.							
	WHERE Q = RAINWATER RUNOFF							
	C = COEFFICIENT OF RUNOFF							
	I = INTENSITY OF RAINFALL (MM/HR)							
	A = AREA OF CATCHMENT (SQ. METER)							
	RAIN WATER HARVESTING PITS							
	SIZE OF RAIN WATER HARVESTING PIT =	3x3x2					3	
	Number of Rain Water Harvesting Pit Size Required =						18.36	
	Rain Water Harvesting Pit Considered = 20 No.							

LEGEND	
CB	CATCH MASIN
R.W.H.P	RAIN WATER HARVESTING PIT
MH	MAN HOLE
EFH	EXTERNAL FIRE HYDRANT
GH	GARDEN HYDRANT

PROP. ELECTRICAL LOAD = 13831 KVA.

TOTAL PLOT AREA- 80953.14SQMT.
PER.FAR- 187.50 % = 151787.13 SQMT.
PER.GROUND COV.- 30 % = 24285.942 SQMT.

REDIDENTIAL BLOCK 10% OF FAR = 15,178.713 SQMT.
COMMERCIAL 10% OF FAR = 15,178.713 SQMT.
FACILITY 5% OF FAR = 7,589.35 SQMT.

MAX.PERM.AREA FOR SERVICES @ 15%=22,768.06 SqmT
ACHIEVED FAR (services)= 22,767.82 Sqmt

TOTAL BASEMENT AREA =65,177.90 SQMT.

PROP. F.A.R. DETAIL

FLOOR	GROUND FL.	1st FLOOR	2nd FLOOR	3rd FLOOR	4th FLOOR	5th FLOOR	6th FLOOR	7th FLOOR	8th FLOOR	9th FLOOR	10th FLOOR	11th FLOOR	12th FLOOR	13th FLOOR	14th FLOOR	15th FLOOR	16th FLOOR	TOTAL FAR.
RESIDENTIAL		1607.62 SQMT.	1607.62 SQMT.	1607.62 SQMT.	1607.62 SQMT.	1607.62 SQMT.	1607.62 SQMT.	1607.62 SQMT.	1607.62 SQMT.	1607.62 SQMT.	690.94 SQMT.							15159.54 SQMT.
FACILITY	1626.24 SQMT.										921.61 SQMT.							2547.85 SQMT.
I.T. BLOCK	7613.02 SQMT.	6972.82 SQMT.	6972.82 SQMT.	6972.82 SQMT.	6972.82 SQMT.	6972.82 SQMT.	6699.95 SQMT.	6972.82 SQMT.	6972.82 SQMT.	6699.95 SQMT.	6319.65 SQMT.	6319.65 SQMT.	6319.65 SQMT.	6319.65 SQMT.	6319.65 SQMT.	6319.65 SQMT.	6319.65 SQMT.	114060.21 SQMT.
COMMERCIAL	7539.88 SQMT.	6726.156 SQMT.	6726.88 SQMT.															14972.918 SQMT.
CLUB HOUSE FACILITY	1952.5 SQMT.	1946.25 SQMT.	1107.29 SQMT.															5006.03 SQMT.
	16731.64 SQMT.	16252.858 SQMT.	11394.61 SQMT.	8580.44 SQMT.	8580.44 SQMT.	8580.44 SQMT.	8307.57 SQMT.	8580.44 SQMT.	8580.44 SQMT.	8307.57 SQMT.	7932.22 SQMT.	6319.65 SQMT.	6319.65 SQMT.	6319.65 SQMT.	6319.65 SQMT.	6319.65 SQMT.	6319.65 SQMT.	151,746.568 SQMT.

TOTAL PROPOSED F.A.R.
=1,51,746.568 SQMT. (187.44%)

PROP. SERVICE DETAIL NON.F.A.R.

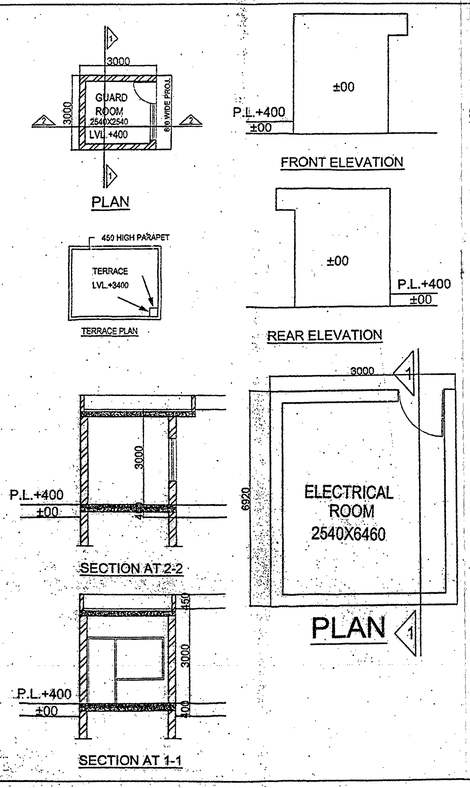
FLOOR	BASEMENT	GROUND FL. (BEHIND AREA PRE STAIR CASE)	1st FLOOR	2nd FLOOR	3rd FLOOR	4th FLOOR	5th FLOOR	6th FLOOR	7th FLOOR	8th FLOOR	9th FLOOR	10th FLOOR	11th FLOOR	12th FLOOR	13th FLOOR	14th FLOOR	15th FLOOR	16th FLOOR	TERRACE	MUMTY & MACH. ROOM	TOTAL FAR.
RESIDENTIAL			228.11 SQMT.	228.11 SQMT.	228.11 SQMT.	228.11 SQMT.	228.11 SQMT.	228.11 SQMT.	228.11 SQMT.	228.11 SQMT.	228.11 SQMT.	151.83 SQMT.								64.7 SQMT.	2269.52 SQMT.
FACILITY		228.11 SQMT.										76.55 SQMT.									304.66 SQMT.
I.T. BLOCK		887.32 SQMT.	887.32 SQMT.	887.32 SQMT.	887.32 SQMT.	887.32 SQMT.	887.32 SQMT.	887.32 SQMT.	887.32 SQMT.	887.32 SQMT.	887.32 SQMT.	600.94 SQMT.	600.94 SQMT.	600.94 SQMT.	600.94 SQMT.	600.94 SQMT.	600.94 SQMT.	600.94 SQMT.	4053.60 SQMT.	176.31 SQMT.	17309.69 SQMT.
COMMERCIAL		220.91 SQMT.	191.12 SQMT.																	289.96 SQMT.	701.99 SQMT.
CLUB HOUSE FACILITY																				56.85 SQMT.	56.85 SQMT.
GUARD ROOM		27.0 SQMT.																			27.0 SQMT.
ELECTRICAL ROOM		20.76 SQMT.																			20.76 SQMT.
	2077.35 SQMT.																				2077.35 SQMT.
	2077.35 SQMT.	1384.1 SQMT.	1306.55 SQMT.	1115.43 SQMT.	1115.43 SQMT.	1115.43 SQMT.	1115.43 SQMT.	1115.43 SQMT.	1115.43 SQMT.	1115.43 SQMT.	829.32 SQMT.	600.94 SQMT.	600.94 SQMT.	600.94 SQMT.	600.94 SQMT.	600.94 SQMT.	600.94 SQMT.	600.94 SQMT.	4053.60 SQMT.	597.85 SQMT.	22,767.82 SQMT.

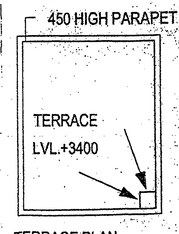
PROP. GROUND COVG.

FLOOR	GROUND FL.	GROUND FL. (BEHIND AREA PRE STAIR CASE)	TOTAL AREA
RESIDENTIAL	1626.24 SQMT.	228.11 SQMT.	1854.35 SQMT.
I.T. BLOCK	7613.02 SQMT.	887.32 SQMT.	8500.34 SQMT.
COMMERCIAL	7539.88 SQMT.	220.91 SQMT.	7760.79 SQMT.
CLUB HOUSE	1952.5 SQMT.	——	1952.5 SQMT.
GUARD ROOM	27.0 SQMT.	——	27.0 SQMT.
ELECTRICAL ROOM	20.76 SQMT.	——	20.76 SQMT.
TOTAL	18779.4 SQMT.	1336.34 SQMT.	20115.74 SQMT.

TOTAL GROUND COVG. AREA =20,115.74 SQMT.

TOTAL SERVICE AREA =22,767.82 SQMT.





CLIENT'S SIGNATURE

For Times Shopee Centre Pvt. Ltd.
Director

ARCHITECT'S SIGNATURE

AR. SUHITA PAL
C.-2406/42157
For-D.A Consultants Pvt Ltd

PROJECT:-

PROPOSED

I.T. PARK ON PLOT- NO -44,45
SECTOR-KP-V,G.NOIDA
FOR M/S TIMES SHOPEE CENTRE (P). LTD

Greater Noida Industrial Dev. Authority
APPROVED
Vide Letter No. ..... Dated .....
Valid upto Date .....
SIGN (Engg. & Arch.) SIGN (Engg. & Arch.)
Drawing Checked & Verified by

PURPOSE	LOCAL AUTHORITY SUBMISSION
STATUS	SUBMISSION DRAWING
DRN.	
CHKD.	
APPVD.	
SCALE	
DATE	

SITE PLAN

DRG. NO. DFA/SUB/SITE/01

REV.

N

DESIGN FORUM OF ARCHITECTS
C - 10, SECTOR - 3, NOIDA - 201301
(NCR DELHI) INDIA
TEL : + 91 120 460 1000
FAX : + 91 120 460 1000
dfaconsultants@gmail.com
www.dfa.in

(2)