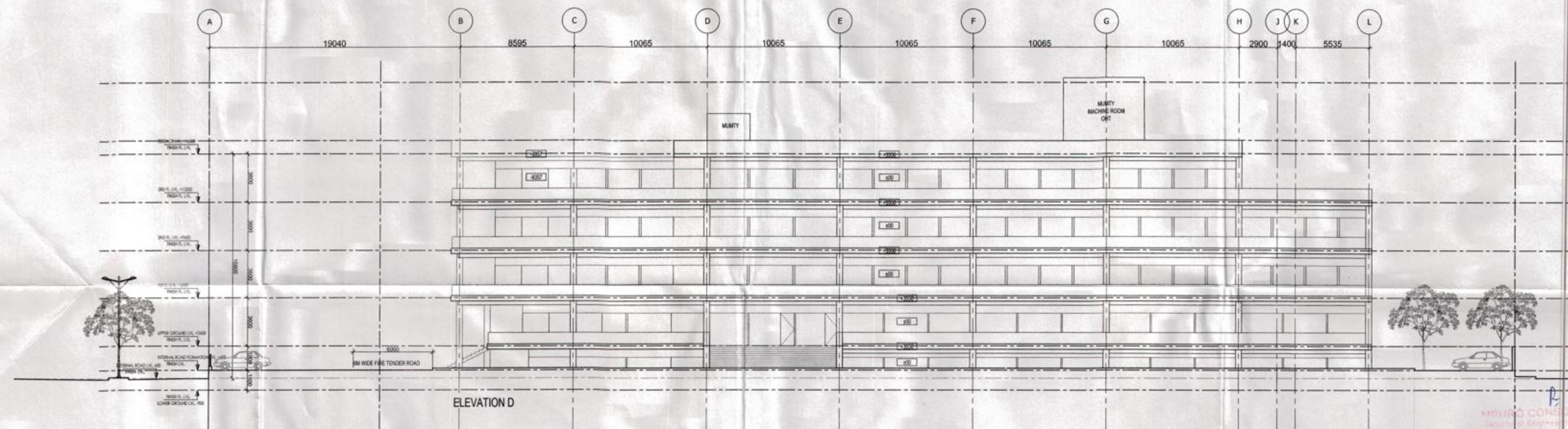
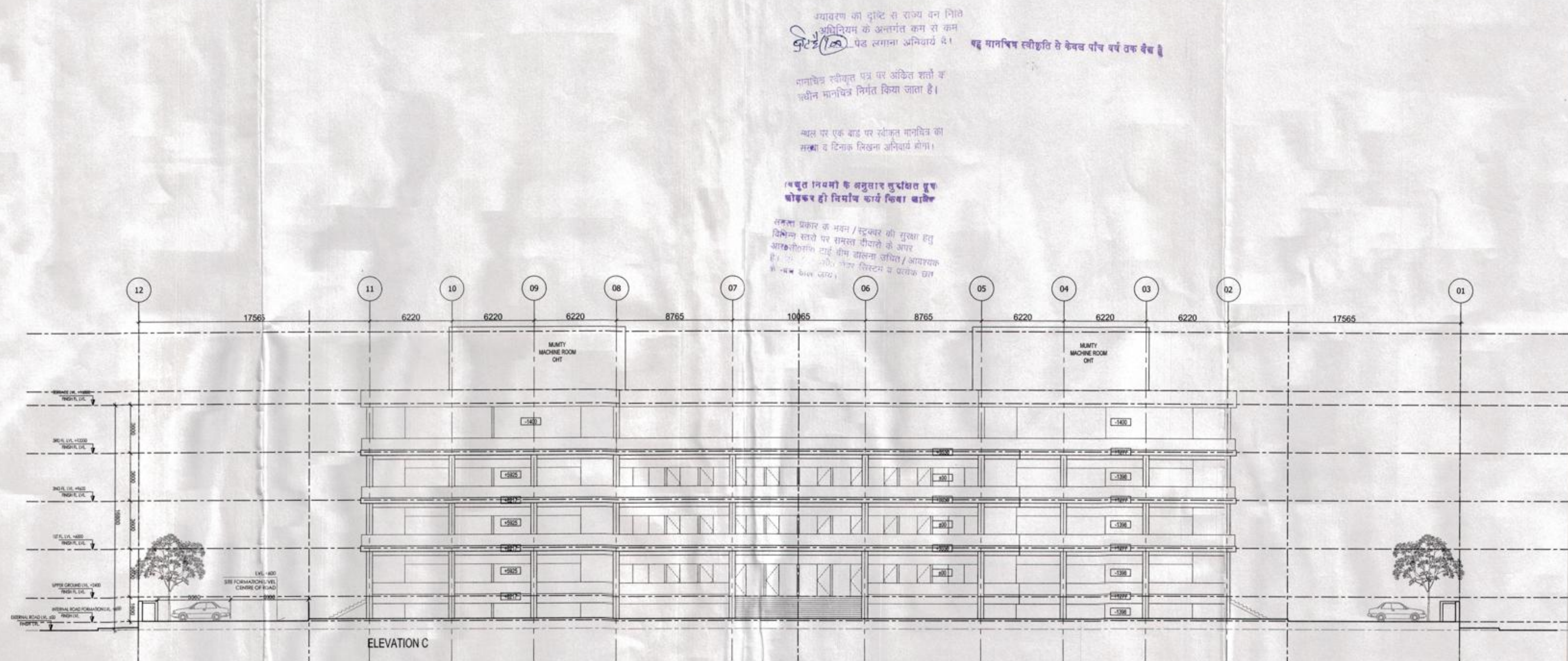




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यह प्रोजेक्ट
गोपालाबाद विकास प्राधिकरण
वास्तुकारता

इस प्रोजेक्ट
वास्तुकारता

इस प्रोजेक्ट
वास्तुकारता

स्वास्थ्य सम्बन्धी विदेशी भी विद्याव
की स्थिति में मानचित्र की स्वीकृति
स्वतः, निरस्त समझी जायेगी।

REV NO.	REV DATE	DESCRIPTION
R3	05-07-2014	COMMENTS INCORPORATED
R2	23-06-2014	COMMENTS INCORPORATED
R1	11-06-2014	COMMENTS INCORPORATED

REVISIONS

SUBMISSION DRAWING



M/s Uppal Chadha Hi-Tech
Developers Pvt. Ltd.

PROJECT NAME:
COMMERCIAL POCKET - 7
SECTOR - 3, WAVE CITY, GHAZIABAD

ARCHITECTS:
KULPREET SINGH KHOKHAR
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DRAWING TITLE:

ELEVATION C & D

DRAWING NUMBER: AMK/WAVE/C7/S-12	SHEET: A1
APPROVED BY: KULPREET SINGH	SCALE: 1 : 200
CHECKED BY: AMRIT	NORTH:
DRAWN BY: GANESH	
DATE: 30-05-2014	R3

FAR AREA STATEMENT			
TOTAL PLOT AREA	=	2.52 ACRES	= 10179.450 SQM
GROUND COVERAGE (PERMISSIBLE)	=	50.000%	= 5089.725 SQM
GROUND COVERAGE (ACHIEVED))	=	39.834%	= 4054.850 SQM
FAR (PERMISSIBLE)	=	1.7500	= 17814.038 SQM
FAR (ACHIEVED)	=	1.7499	= 17812.573 SQM
F.A.R CALCULATION			
LOWER GROUND FLOOR	=	3839.453 SQ.M	
UPPER GROUND FLOOR	=	3746.698 SQ.M	
FIRST FLOOR	=	3987.449 SQ.M	
SECOND FLOOR	=	3987.449 SQ.M	
THIRD FLOOR	=	2251.525 SQ.M	
TOTAL FAR AREA	=	17812.573 SQ.M	

TOTAL COVERED AREA OF BASEMENT	=	8111.231 SQM
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PARKING CALCULATIONS			
MINIMUM ECS REQUIRED	=	PERMISSIBLE FAR	= 17814 X 2 = 356 ECS
		50	100
PARKING PROVIDED			
SURFACE LEVEL	=	110 ECS	
	=	60 ECS	(MULTISTACK PARKING)
BASEMENT	=	198 ECS	
TOTAL	=	368 ECS	

F.A.R CALCULATION				
FLOOR	ENVELOPE AREA	FAR	NON FAR	CUT OUTS
	SQM	SQM	SQM	SQM
	a	b = a - (c + d)	c	d
LOWER GROUND FLOOR	4129.018	3839.453		289.564
UPPER GROUND FLOOR	4309.156	3746.698	67.402	495.057
FIRST FLOOR	4344.414	3987.449	67.402	289.564
SECOND FLOOR	4344.414	3987.449	67.402	289.564
THIRD FLOOR	2360.759	2251.525	67.402	41.833
MUMTY MACHINE ROOM			192.513	
BASEMENT			8111.231	
TOTAL	19487.762	17812.573	8573.351	1405.582

FREE OF FAR LOBBY AREA IN FRONT OF LIFTS -

LIFT 1	=	7.25 SQM
LIFT 2	=	7.25 SQM
LIFT 3	=	7.21 SQM
LIFT 4	=	5.60 SQM
TOTAL	=	27.31 SQM PER FLOOR

FOR FOUR FLOORS = 27.31 SQM X 4 = 109.24 SQM (UG, 1ST, 2ND & 3RD)

TOTAL FAR ACHIEVED =

$$17812.573 - 109.24 = 17703.33 \text{ SQM (1.739 FAR)}$$

LOWER GROUND FLOOR COVERED AREA			
ADDITIONS			
A =	18.670 x 5.536	=	103.338 SQ.M
B =	2.315 x 10.515 x 2	=	48.684 SQ.M
C =	6.670 x 2.315 x 2	=	30.882 SQ.M
D =	3.280 x 58.935	=	193.307 SQ.M
E =	12.485 x 59.735	=	745.791 SQ.M
F =	49.165 x 61.135	=	3005.702 SQ.M
G = 1/2 x	3.280 x 0.800	=	1.312 SQ.M
TOTAL AREA		=	4129.018 SQ.M
DEDUCTIONS			
1 =	5.690 x 25.445 x 2	=	289.564 SQ.M
TOTAL AREA		=	289.564 SQ.M
TOTAL COVERED AREA ON LOWER GROUND FLOOR		=	4129.018 - 289.564 = 3839.453 SQ.M

UPPER GROUND FLOOR COVERED AREA			
ADDITIONS			
A =	18.890 x 5.531	=	104.481 SQ.M
B =	2.780 x 10.515 x 2	=	58.463 SQ.M
C =	6.670 x 0.685 x 2	=	9.138 SQ.M
D =	4.400 x 61.200	=	269.280 SQ.M
E =	11.580 x 62.270	=	721.087 SQ.M
F =	49.385 x 63.670	=	3144.343 SQ.M
G = 1/2 x	4.400 x 1.075	=	2.365 SQ.M
TOTAL AREA		=	4309.156 SQ.M
DEDUCTIONS			
1 =	6.065 x 3.300 x 2	=	40.029 SQ.M FES
2 =	2.300 x 2.300 x 3	=	15.870 SQ.M LIFT SHAFT
3 =	2.350 x 0.600 x 1	=	1.410 SQ.M FHC SHAFT
4 =	1.500 x 0.600 x 2	=	1.800 SQ.M FHC SHAFT
5 =	5.690 x 25.445 x 2	=	289.564 SQ.M CUT OUT
6 =	5.690 x 10.545 x 2	=	120.002 SQ.M CUT OUT
7 =	27.140 x 3.150	=	85.491 SQ.M CUT OUT
8 =	2.685 x 0.600	=	1.611 SQ.M FHC SHAFT
9 =	2.905 x 2.300	=	6.682 SQ.M LIFT SHAFT
TOTAL AREA		=	562.459 SQ.M
TOTAL COVERED AREA ON UPPER GROUND FLOOR		=	4309.156 - 562.459 = 3746.698 SQ.M

FIRST FLOOR COVERED AREA			
ADDITIONS			
A =	19.340 x 4.865	=	94.089 SQ.M
B =	49.805 x 64.570	=	3215.909 SQ.M
C =	9.645 x 63.170	=	609.275 SQ.M
D =	6.820 x 61.505	=	419.464 SQ.M
E = 1/2 x	6.820 x 1.665	=	5.678 SQ.M
TOTAL AREA		=	4344.414 SQ.M
DEDUCTIONS			
1 =	6.065 x 3.300 x 2	=	40.029 SQ.M FES
2 =	2.300 x 2.300 x 3	=	15.870 SQ.M LIFT SHAFT
3 =	2.350 x 0.600 x 1	=	1.410 SQ.M FHC SHAFT
4 =	1.500 x 0.600 x 2	=	1.800 SQ.M FHC SHAFT
5 =	5.690 x 25.445 x 2	=	289.564 SQ.M CUT OUT
8 =	2.685 x 0.600	=	1.611 SQ.M FHC SHAFT
9 =	2.905 x 2.300	=	6.682 SQ.M LIFT SHAFT
TOTAL AREA		=	356.966 SQ.M
TOTAL COVERED AREA ON FIRST FLOOR		=	4344.414 - 356.966 = 3987.449 SQ.M

SECOND FLOOR COVERED AREA			
ADDITIONS			
A =	19.340 x 4.865	=	94.089 SQ.M
B =	49.805 x 64.570	=	3215.909 SQ.M
C =	9.645 x 63.170	=	609.275 SQ.M
D =	6.820 x 61.505	=	419.464 SQ.M
E = 1/2 x	6.820 x 1.665	=	5.678 SQ.M
TOTAL AREA		=	4344.414 SQ.M
DEDUCTIONS			
1 =	6.065 x 3.300 x 2	=	40.029 SQ.M FES
2 =	2.300 x 2.300 x 3	=	15.870 SQ.M LIFT SHAFT
3 =	2.350 x 0.600 x 1	=	1.410 SQ.M FHC SHAFT
4 =	1.500 x 0.600 x 2	=	1.800 SQ.M FHC SHAFT
5 =	5.690 x 25.445 x 2	=	289.564 SQ.M CUT OUT
8 =	2.685 x 0.600	=	1.611 SQ.M FHC SHAFT
9 =	2.905 x 2.300	=	6.682 SQ.M LIFT SHAFT
TOTAL AREA		=	356.966 SQ.M
TOTAL COVERED AREA ON SECOND FLOOR		=	4344.414 - 356.966 = 3987.449 SQ.M

TOTAL COVERED AREA ON SECOND FLOOR	=	4344.414 - 356.966 = 3987.449 SQ.M
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AREA UNDER MUMTY MACHINE ROOM	=	192.513 SQM
LIFT LOBBY AREA 'FREE OF FAR'	=	109.24 SQM
TOTAL	=	301.753 SQM (1.7 % OF 17703.33 SQM FAR)

THIRD FLOOR COVERED AREA					
ADDITIONS					
A1 =	19.560 x 40.335	=	788.953 SQ.M		
A =	19.560 x 42.780	=	836.777 SQ.M		
B =	27.140 x 2.740	=	74.364 SQ.M		
C =	40.855 x 13.470	=	550.317 SQ.M		
D =	32.940 x 3.350	=	110.349 SQ.M		
TOTAL AREA			=	2360.759 SQ.M	
DEDUCTIONS					
1 =	6.065 x 3.300 x 2	=	40.029 SQ.M	FES	
2 =	2.300 x 2.300 x 3	=	15.870 SQ.M	LIFT SHAFT	
3 =	2.350 x 0.600 x 1	=	1.410 SQ.M	FHC SHAFT	
4 =	1.500 x 0.600 x 2	=	1.800 SQ.M	FHC SHAFT	
8 =	2.685 x 0.600	=	1.611 SQ.M	FHC SHAFT	
9 =	2.905 x 2.300	=	6.682 SQ.M	LIFT SHAFT	
10 =	6.900 x 3.540	=	24.426 SQ.M	OPEN TO SKY	
11 =	3.350 x 5.196	=	17.407 SQ.M	OPEN TO SKY	
TOTAL AREA			=	109.234 SQ.M	

MUMTY & MACHINE ROOM COVERED AREA				
ADDITIONS				
A1	=	6.295 x 3.755 x 1	=	23.638 SQ.M
A2	=	6.815 x 6.630 x 1	=	45.183 SQ.M
B1	=	6.815 x 6.130 x 1	=	41.776 SQ.M
B2	=	3.155 x 2.780 x 1	=	8.771 SQ.M
C	=	6.525 x 3.690 x 1	=	24.077 SQ.M
D	=	6.525 x 3.760 x 2	=	49.068 SQ.M
TOTAL AREA				= 192.513 SQ.M

GROUND COVERAGE -
(FIRST FLOOR EXTENT CONSIDERED FOR GROUND COVERAGE)

FIRST FLOOR COVERED AREA				
ADDITIONS				
A =	19.340 x	4.865	=	94.089 SQ.M
B =	49.805 x	64.570	=	3215.909 SQ.M
C =	9.645 x	63.170	=	609.275 SQ.M
D =	6.820 x	61.505	=	419.464 SQ.M
E = 1/2 x	6.820 x	1.665	=	5.678 SQ.M
TOTAL AREA				4344.414 SQ.M
DEDUCTIONS				
1 =	6.065 x	3.300 x	2	= 40.029 SQ.M FES
2 =	2.300 x	2.300 x	3	= 15.870 SQ.M LIFT SHAFT
3 =	2.350 x	0.600 x	1	= 1.410 SQ.M FHC SHAFT
4 =	1.500 x	0.600 x	2	= 1.800 SQ.M FHC SHAFT
5 =	5.690 x	25.445 x	2	= 289.564 SQ.M CUT OUT
8 =	2.685 x	0.600		= 1.611 SQ.M FHC SHAFT
9 =	2.905 x	2.300		= 6.682 SQ.M LIFT SHAFT
TOTAL AREA				356.966 SQ.M

ADDITIONS FOR GROUND COVERAGE -			
NON FAR AREAS -			
1	=	6.065 x 3.300 x 2	= 40.029 SQ.M FES
2	=	2.300 x 2.300 x 3	= 15.870 SQ.M LIFT SHAFT
3	=	2.350 x 0.600 x 1	= 1.410 SQ.M FHC SHAFT
4	=	1.500 x 0.600 x 2	= 1.800 SQ.M FHC SHAFT
8	=	2.685 x 0.600	= 1.611 SQ.M FHC SHAFT
9	=	2.905 x 2.300	= 6.682 SQ.M LIFT SHAFT
TOTAL NON FAR AREAS		=	67.402 SQ.M (Q)
GROUND COVERAGE (P + Q)		=	4054.850 SQ.M
GROUND COVERAGE ACHIEVED		=	4054.850 X 100
			10179.45
		=	39.834%

BASEMENT COVERED AREA						
ADDITIONS						
A =	1/2 x	87.445 x	21.355	=	933.694	SQ. M
B =		87.445 x	78.285	=	6845.632	SQ. M
RAMP -						
F =		12.265 x	1.300	=	15.971	SQ. M
G =		68.125 x	4.600	=	313.375	SQ. M
H =				=	2.560	SQ. M
TOTAL AREA				=	8111.231	SQ. M
TOTAL COVERED AREA ON BASEMENT				=	8111.231	SQ. M

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R4	08-07-2014	COMMENTS INCORPORATED
R3	05-07-2014	COMMENTS INCORPORATED
R2	23-06-2014	COMMENTS INCORPORATED
R1	11-06-2014	COMMENTS INCORPORATED

REV NO.	REV DATE	DESCRIPTION
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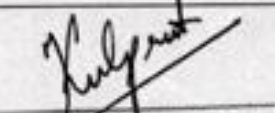
REVISIONS

SUBMISSION DRAWING

OWNER :

M/s Uppal Chadha Hi-Tech
Developers Pvt. Ltd.

PROJECT NAME :
COMMERCIAL POCKET - 7
SECTOR - 3, WAVE CITY, GHAZIABAD

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CA/2003/31265


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DRAWING TITLE :
AREA STATEMENT

DRAWING NUMBER : AMK/WAVE/C7/S-03	SHEET : A1
APPROVED BY KULPREET SINGH	SCALE : NTS
CHECKED BY AMRIT	NORTH :
DRAWN BY GANESH	
DATE 30-05-2014	R4