TYP. SECTION DEATIL-A

FRESH/EXHAUST AIR OUTLOUT SECTION

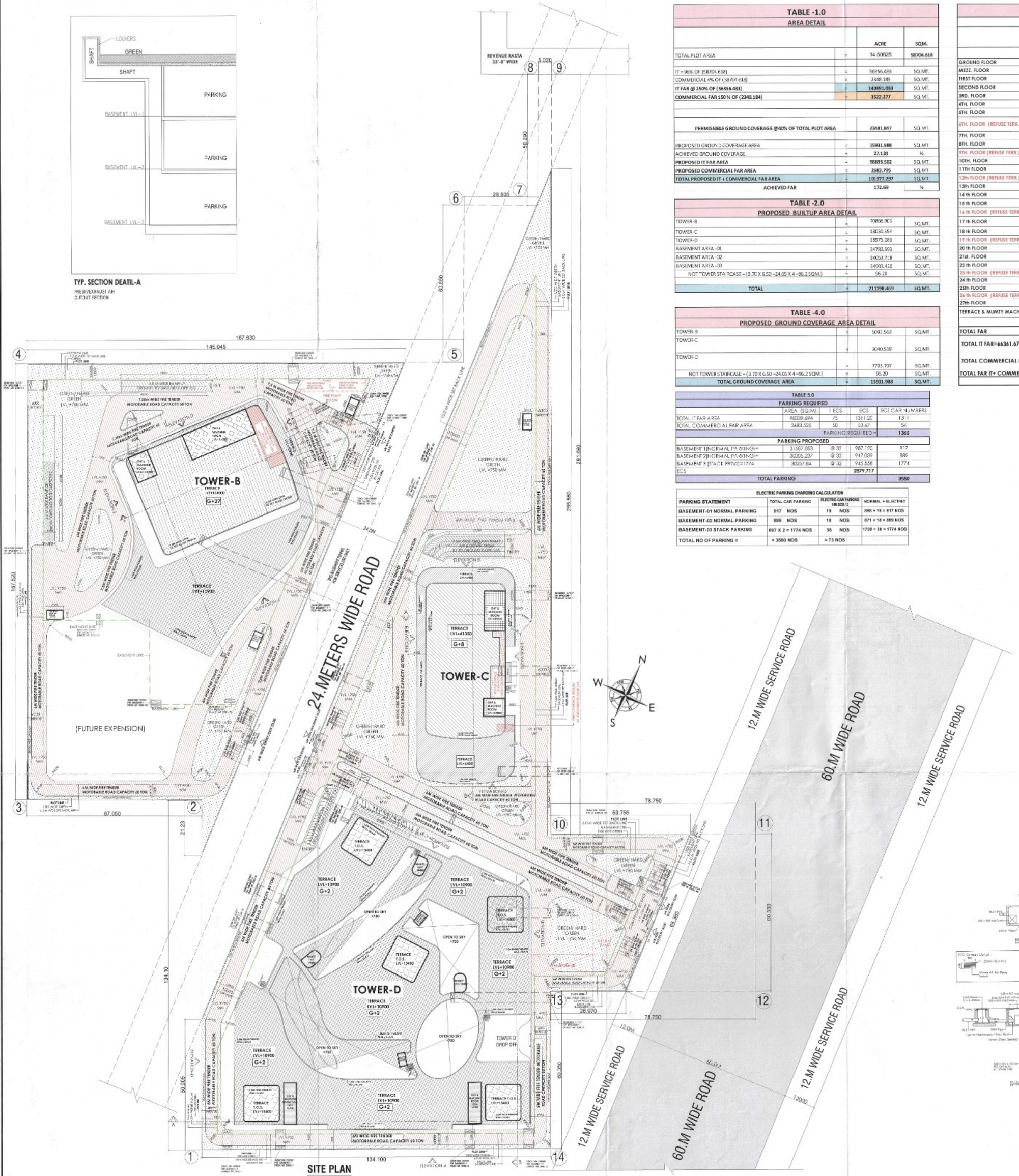


TABLE -1.0
AREA DETAIL

		ACRE	SQM.
TOTAL PLOT AREA	=	14.50625	58704.618
IT = 90% OF (58704.618)	=	58356.433	SQ.MT.
COMMERCIAL 4% OF (58704.618)	=	2348.185	SQ.MT.
IT FAR @ 250% OF (58356.433)	=	**140891.083**	SQ.MT.
COMMERCIAL FAR 150 % OF (2348.184)	=	**3522.277**	SQ.MT.
PERMISSIBLE GROUND COVERAGE @40% OF TOTAL PLOT AREA		**23481.847**	SQ.MT.
PROPOSED GROUND COVERAGE AREA	=	**15931.988**	SQ.MT.
ACHIEVED GROUND COVERAGE	=	**27.139**	%
PROPOSED IT FAR AREA	=	**98693.502**	SQ.MT.
PROPOSED COMMERCIAL FAR AREA	=	**2683.795**	SQ.MT.
TOTAL PROPOSED IT + COMMERCIAL FAR AREA	=	**101377.297**	SQ.MT.
ACHIEVED FAR		**172.69**	%

TABLE -2.0
PROPOSED BUILTUP AREA DETAIL

TOWER-B	=	70866.903	SQ.MT.
TOWER-C	=	18030.354	SQ.MT.
TOWER-D	=	18575.281	SQ.MT.
BASEMENT AREA -01	=	34782.993	SQ.MT.
BASEMENT AREA -02	=	34651.718	SQ.MT.
BASEMENT AREA -03	=	34993.410	SQ.MT.
NOT TOWER STAIRCASE = (3.70 X 6.50 =24.05 X 4 =96.2 SQM.)	=	96.20	SQ.MT.
TOTAL	=	**211798.469**	**SQ.MT.**

TABLE -4.0
PROPOSED GROUND COVERAGE AREA DETAIL

TOWER-B	=	5091.562	SQ.MT.
TOWER-C	=	3040.539	SQ.MT.
TOWER-D	=	7703.707	SQ.MT.
NOT TOWER STAIRCASE = (3.70 X 6.50 =24.05 X 4 =96.2 SQM.)	=	96.20	SQ.MT.
TOTAL GROUND COVERAGE AREA	=	**15931.988**	**SQ.MT.**

TABLE 5.0
PARKING REQUIRED

	AREA (SQ.M.)	1 ECS	ECS	ECS CAR NUMBERS
TOTAL IT FAR AREA	98693.694	75	1315.92	1315
TOTAL COMMERCIAL FAR AREA	2683.525	50	53.67	54
		PARKING REQUIRED =		**1369**

PARKING PROPOSED

BASEMENT 1(NORMAL PARKING)=	31587.863	@ 30	987.195	917
BASEMENT 2(NORMAL PARKING)=	30300.237	@ 30	947.009	889
BASEMENT 3 (STACK PARKING)=	30237.84	@ 32	945.558	1774
ECS			**2879.717**	
TOTAL PARKING				**3580**

ELECTRIC PARKING CHARGING CALCULATION

PARKING STATEMENT	TOTAL CAR PARKING	ELECTRIC CAR PARKING 100 DCS/2	NORMAL + ELECTRIC
BASEMENT-01 NORMAL PARKING	**917 NOS**	**19 NOS**	**898 + 19 = 917 NOS**
BASEMENT-02 NORMAL PARKING	**889 NOS**	**18 NOS**	**871 + 18 = 889 NOS**
BASEMENT-03 STACK PARKING	**897 X 2 = 1774 NOS**	**36 NOS**	**1738 + 36 = 1774 NOS**
TOTAL NO OF PARKING =	**= 3580 NOS**	**= 73 NOS**	

TABLE -3.0 FAR & BUILTUP AREA DETAIL

	IT TOWER B			IT + COMMERCIAL TOWER C				IT TOWER D		
	IT FAR	NON FAR AREA	BUILT UP AREA	IT FAR	COMMERCIAL FAR	NON FAR AREA	BUILT UP AREA	IT FAR	NON FAR AREA	BUILT UP AREA
	(SQM.)	(SQM.)	(SQM.)	(SQM.)	(SQM.)	(SQM.)	(SQM.)	(SQM.)	(SQM.)	(SQM.)
GROUND FLOOR	5391.562		4984.565	899.576	2 40.943		3040.539	7620.732		6 730.826
MEZZ. FLOOR				542.852			542.852	2,536.372		2,536.372
FIRST FLOOR	1576.601	104.336	1680.937	1640.637		77.372	1718.38	6824.810	629.447	7,454.257
SECOND FLOOR	2316.351	104.336	2420.687	1664.577		77.372	1740.349	1,109.682	175.715	1,285.397
3RD. FLOOR	2498.486	104.336	2602.822	1689.982		77.772	1767.754			
4TH. FLOOR	2498.486	104.336	2602.822	1689.982		77.772	1767.754			
5TH. FLOOR	2498.486	104.336	2602.822	1689.982		77.772	1767.754			
6TH. FLOOR (REFUSE TERR.)	2340.619	256.987	2597.606	1585.539		190.119	1765.657			
7TH. FLOOR	2498.486	104.336	2602.822	1689.982		77.772	1767.754			
8TH. FLOOR	2498.510	104.336	2602.846	1689.982		77.772	1767.754			
9TH. FLOOR (REFUSE TERR.)	2315.483	256.987	2572.469							
10TH. FLOOR	2560.216	104.336	2662.552							
11TH FLOOR	2442.144	104.336	2546.480							
12th FLOOR (REFUSE TERR.)	2264.425	256.987	2521.412							
13th FLOOR	2426.657	104.336	2530.993							
14 th FLOOR	2382.211	104.336	2486.547							
15 th FLOOR	2359.946	104.336	2464.282							
16 th FLOOR (REFUSE TERR.)	2179.438	256.987	2436.425							
17 th FLOOR	2316.483	104.336	2420.819							
18 th FLOOR	2291.979	104.336	2396.315							
19 th FLOOR (REFUSE TERR.)	2112.902	256.987	2369.889							
20 th FLOOR	2242.792	104.336	2347.128							
21st. FLOOR	2218.206	104.336	2322.547							
22 th FLOOR	2193.862	104.336	2298.198							
23 th FLOOR (REFUSE TERR.)	2012.834	256.987	2269.821							
24 th FLOOR	2142.396	104.336	2246.732							
25th FLOOR	2119.000	104.336	2223.336							
26 th FLOOR (REFUSE TERR.)	1937.997	256.987	2194.984							
27th FLOOR	2070.118	104.336	2174.454							
TERRACE & MUMTY MACHINE ROOM			726.604				381.838			593.43
TOTAL FAR	**66361.677**			**14240.209**	**2683.795**			**18091.616**		
TOTAL IT FAR=66361.677+14240.209+18091.616 =	**98693.502**									
TOTAL COMMERCIAL FAR = 2683.525	**2683.795**									
TOTAL FAR IT+ COMMERCIAL =	**101377.297**									
BUILT UP AREA =		**TOWER-B=**	**70866.903**		**TOWER-C=**	**18030.354**			**TOWER-D =**	**18575.281**

6th Floor REFUGE AREA CALCULATION TOWER-C

Gross area of 5th floor	1689.982	sq.m
Gross area of 7th floor	1689.982	sq.m
Total Refuge area required	3379.96	sq.m
Occupant/area/person	10	sq.m
Person	337.996	
Refuge area/person (@ 0.3sqm/per	101.399	sq.m
Area for wheel chair@ 0.9/200per	2.529	sq.m
Total Refuge area required	**102.928**	**sq.m**

REFUGE AREA CALCULATION

A	=	12.472	X	5.480	X	1	=	68.307
B	=	10.000	X	2.311	X	1	=	23.110
C	=	2.000	X	4.800	X	1	=	11.520
				TOTAL REFUGE AREA PLATE (X)			=	**103.056**

COLUMN AREA DEDUCTION CALCULATION

C1	=	0.228	X	1.000	X	1	=	0.228
C2	=	0.750	X	1.000	X	2	=	1.500
C3	=	0.374	X	1.000	X	1	=	0.374
				TOTAL COLUMN AREA (Y)				2.102
				TOTAL REFUGE AREA PROVIDED (X)-(Y)			=	**102.954**

8th & 9th,12th,14th,19th,23rd,28th Floor REFUGE AREA CALCULATION (TOWER-B)

Gross area of 8th floor	2498.486	sq.m	
Gross area of 9th floor	2498.486	sq.m	
Total Refuge area required	4996.97	sq.m	
Occupancy (Area/person)	10	sq.m	
Person	499.697		
Refuge area required @ 0.3sqm/per	149.909	sq.m	
Area for wheel chair@ 0.9/200per	4.245	sq.m	
Total Refuge area required	**152.154**	**sq.m**	

REFUGE AREA CALCULATION

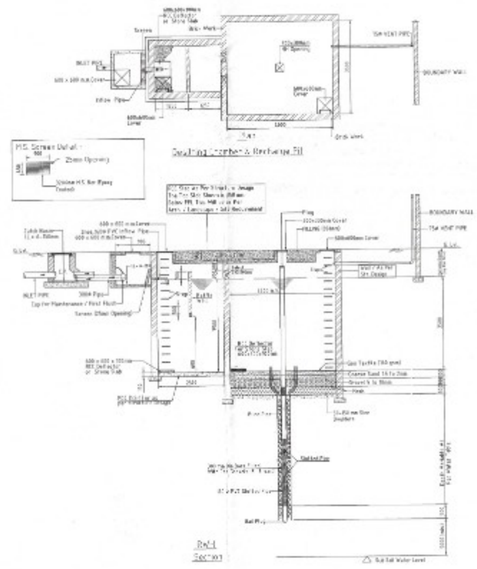
1	=	24.960	X	3.525	X	1	=	88.009	
2	=	23.185	X	1.990	X	1	=	46.138	
3	=	2.475	X	3.990	X	0.5	=	4.946	
4	=	0.667	X	0.500	X	2.665	=	0.889	
5	=	2.495	X	23.185	X	0.5	=	17.331	
6	=	0.667	X	0.480	X	(22.225)	=	7.409	
				Total Refuge PLATE area (A)			=	166.571	

DEDUCTION COLUMN AREA CALCULATION

D/B	=	2.400	X	1.400	X	2.000	=	3.920	(B)
				Total Refuge area provided (A)-(B)			=	**152.651**	

NOTES:

1. ALL DIMENSIONS ARE IN MM.
2. GATE AND BOUNDARY WALL SHALL BE AS PER STANDARD DESIGN.
3. SPRINKLERS WILL BE PROVIDED IN ENTIRE BUILDING INCLUDING BASEMENTS AS PER N.B.C.
4. FIRE ALARM SYSTEM WILL BE PROVIDED AS PER APPLICABLE NORMS.
5. WATER POWER BACK UP WILL BE PROVIDED FOR LIFTS & ESSENTIAL SERVICE AREAS.
6. DISABLED RAMP @ 1:12 SLOPE WITH 800MM HIGH RAILING.
7. ALL BUILDINGS ARE MECHANICALLY VENTILATED
8. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVANT I.S.CODES FOR SEIMIC ZONE-IV PREVENTIONS.



PLUMBING LEGEND		
S.No	ASSR	DESCRIPTION
1.		STORM WATER MANHOLE
2.		SEWER MANHOLE
3.	RWHP	RAIN WATER HARVESTING PIT
4.	WTP	WATER TREATMENT PLANT
5.	STP	SEWAGE TREATMENT PLANT
6.	GH	GARDEN HYDRANT
7.		STORM WATER LINE
8.		SEWERAGE LINE
9.		GARDEN HYDRANT LINE
10.		STP OVERFLOW LINE
11.		SANKLER INLET LINE
12.		MUNICIPAL LINE
13.		RECHARGE PIT OVERFLOW LINE
14.		CWS RISER PIPE
15.		FWS RISER PIPE
16.		EXTERNAL FIRE HYDRANT LINE
17.	FH	EXTERNAL FIRE HYDRANT

S.T.P.(HQ) Member Secretary B.P.A.C. — S.T.P.(HQ) Member B.P.A.C. — C.T.P.(HQ) Chairman B.P.A.C.

DTP(HQ) — ATP(HQ)

JD. — PA. — A.T.P.

DINESH KUMAR PA(HQ) — JDT(HQ) Member BPAC

SUBMITTED TO THE TRADE LICENCE OFFICE BEARING NO. ..... DATED: .....

PROJECT

PROPOSED BUILDING PLAN OF LICENCE NO. 90 OF 2011 DATED 30.09.2011 GRANTED FOR DEVELOPMENT OF IT PARK OVER AN AREA MEASURING 14.50625 ACRES FALLING IN THE REVENUE ESTATE OF VILLAGE BEGAMPUR KHATOLA, SECTOR-74, GURUGRAM FROM GALAXY MAGNUM PROJECTS PVT. LTD.

JDT(HQ) Member BPAC

ACPL ACPL Design Ltd. — ISO 9001:2015 — Architecture Management Planning

Checked and found ... Health (Internal) Service only subject to comments in forwarding letter No. ..... Dt. .....

Superintending Engineer (HQ) for Chief Engineer-I HSVP, Panchkula

SITE PLAN | SCALE: NOT TO SCALE | DRAWING NO. 01

OWNER'S SIGNATURE

KULBIR S. SHARGARI ARCHITECT CA/97/21741

ARCHITECT'S SIGNATURE