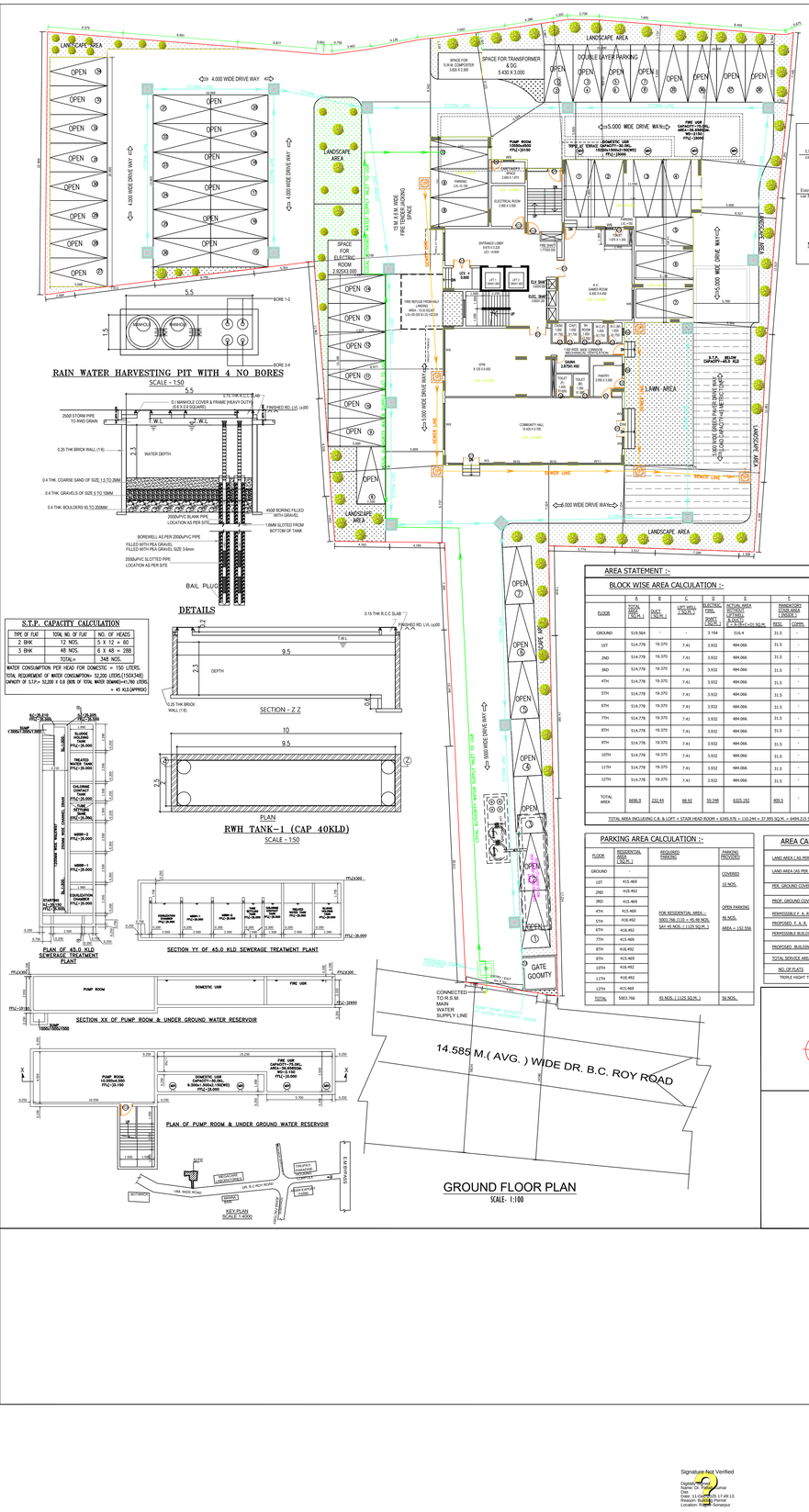
PROJECT :-

PROPOSED G+12 (39.95M) STORIED RESIDENTIAL BUILDING AT R.S. DAG NO.- 1603, 1683,1684 & 1685, L.R. DAG NO.- 1708,1709,1703,1628; R.S. KHATIAN NO.- 361, 238, 154 & 621; L.R. KHATIAN NO.- 3980 , 3981 ; OF MOUZA- ELACHI, J.L. NO.- 70, HOLDING NO.- 383 ; DR. B.C. ROY ROAD (JAGADDAL)WARD NO.- 26, UNDER RAJPUR SONARPUR MUNICIPALITY, P.S. - SONARPUR, DIST.- 24 PARGANAS (S),



DOORS AND WINDOW SCHEDULE:					
SL.NO.	LEGEND	WIDTH	HEIGHT	LINTEL HT	SILL HT
1	W	2.000	1.800	2.150	300
2	W1	1.500	1.800	2.150	300
3	W2	1.500	1.800	2.150	300
4	W3	1.200	1.800	2.150	300
5	W4	1.000	1.800	2.150	300
6	W5	1.800	1.850	2.150	1.100
7	W6	0.600	900	2.150	1.250
8	W7	0.750	1.200	2.150	950
9	W8	2.400	1.800	2.150	---
10	W9	4.000	1.800	2.150	---
11	W10	2.225	1.800	2.150	---
12	W11	3.750	1.800	2.150	---
13	W12	0.675	1.500	2.150	---
14	RS	1.200	3.150	2.150	---
15	D	1.500	2.150	2.150	---
16	D1	1.100	2.150	2.150	---
17	D2	1.000	2.150	2.150	---
18	D3	0.750	2.150	2.150	---
19	D4	0.900	2.150	2.150	---
20	DW	---	---	---	---
21	S.D.1	1.200	2.150	---	---
22	S.D.2	1.425	2.150	---	---

DECLARATION OF TREE PLANTATION

CIRCULER MARKED HATCHED PORTIONS ARE FOR TREE PLANTATION PALM (25 NO.S. DECIDUAS (20 NO.S ETC) THESE TREE PLANTATION WILL BE CHECKED AT THE TIME OF INSPECTION OF P.L.CERTIFICATE AND WILL BE IN PROPER SIZE AT THE TIME OF COMPLETION PLAN.

DECLARATION OF E.S.E.:

I HAVE CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT BUILDING RULES 1990 AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITIONS INCLUDING THE ABUTTING ROAD CONFORM WITH THE PLAN & THAT IT IS A BUILDABLE SITE AND NOT A TANK OR A FILLED UP LAND.

Subir Kumar Basu
B/18 / RJPUR-SON / LBA
CONSULTING ARCHITECTS & ENGINEERS
4, BROAD STREET
KOLKATA-700019
NAME OF ARCHITECT

SANJIV J. PAREKH
E.S.E. NO.- 018
RAJPUR-SONARPUR MUNICIPALITY
NAME OF STRUCTURAL ENGINEER

DECLARATION OF GEOTECHNICAL ENGINEER:-
THE SOIL CONDITION AND BEARING CAPACITY IS CHECKED BY ME CONSIDERING ALL POSSIBLE LOADS AS PER THE NATIONAL BUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT.

JISHNU PAL
22RJSONG.T.I
RAJPUR-SONARPUR MUNICIPALITY
NAME OF GEO-TECHNICAL ENGINEER

PRAKASH TEKRIWAL, WRISHAB TEKRIWAL
NAME OF OWNER

AREA STATEMENT :-

BLOCK WISE AREA CALCULATION :-

FLOOR	A TOTAL AREA (SQ.M.)	B DUCT (SQ.M.)	C LIFT AREA (SQ.M.)	D ELECTRIC ROOM (SQ.M.)	E ACTUAL AREA (BUILT UP AREA) (SQ.M.)	F IMMEDIATELY STAIR AREA (SQ.M.)	G LIFT LOBBY AREA (SQ.M.)	H AREA EXCLUDING LIFT LOBBY, STAIR, DUCT & ELECTRIC (SQ.M.)	I ACTUAL RESIDENTIAL AREA (SQ.M.)	J COMMERCIAL AREA (SQ.M.)	K COVERED / OPPARKING AREA & NO.		L LOFT & C.B. AREA 3 % OF FLOOR AREA		M FAR CALCULATION
											REQUIRED	PROVIDED	PERMISSIBLE	PROVIDED	M = (H+I) / L A
GROUND	519.564	-	-	3.164	516.4	31.5	6.0	478.9	-	-		COVERED -	-	-	
1ST	514.778	19.370	7.41	3.932	484.066	31.5	6.0	446.566	415.469	-		10 NOS.	15.512	9.211	13677.482+38.853) = 152.556 / 2545.89
2ND	514.778	19.370	7.41	3.932	484.066	31.5	6.0	446.566	418.492	-		152.556 SQ.M.	15.512	9.211	5741.988 / 2568.331
3RD	514.778	19.370	7.41	3.932	484.066	31.5	6.0	446.566	415.469	-	SAY 45 NOS. / 1125 SQ.M.	OPEN PARKING -	15.512	9.211	2.235 < 2.25
4TH	514.778	19.370	7.41	3.932	484.066	31.5	6.0	446.566	415.469	-		46 NOS.	15.512	9.211	
5TH	514.778	19.370	7.41	3.932	484.066	31.5	6.0	446.566	418.492	-		TOTAL 10 + 46 = 56 NOS.	15.512	9.211	
6TH	514.778	19.370	7.41	3.932	484.066	31.5	6.0	446.566	418.492	-			15.512	9.211	
7TH	514.778	19.370	7.41	3.932	484.066	31.5	6.0	446.566	415.469	-			15.512	9.211	
8TH	514.778	19.370	7.41	3.932	484.066	31.5	6.0	446.566	418.492	-			15.512	9.211	
9TH	514.778	19.370	7.41	3.932	484.066	31.5	6.0	446.566	415.469	-			15.512	9.211	
10TH	514.778	19.370	7.41	3.932	484.066	31.5	6.0	446.566	418.492	-			15.512	9.211	
11TH	514.778	19.370	7.41	3.932	484.066	31.5	6.0	446.566	418.492	-			15.512	9.211	
12TH	514.778	19.370	7.41	3.932	484.066	31.5	6.0	446.566	415.469	-			15.512	9.211	
TOTAL AREA	6096.9	232.44	88.92	50.348	6325.192	409.5	78.0	5837.692	5003.766	-		= 56 NOS.	186.144	110.532	

TOTAL AREA INCLUDING C.B. & LOFT + STAIR HEAD ROOM = 6345.979 + 110.244 + 37.995 SQ.M. = 6494.215 SQ.M.

PARKING AREA CALCULATION :-

FLOOR	RESIDENTIAL AREA (SQ.M.)	REQUIRED PARKING	PARKING PROVIDED
GROUND	-		COVERED -
1ST	415.469		10 NOS.
2ND	418.492		
3RD	415.469		OPEN PARKING
4TH	415.469	FOR RESIDENTIAL AREA :-	46 NOS.
5TH	418.492	5003.766 / 110 = 45.48 NOS.	
6TH	418.492	SAY 46 NOS. (1125 SQ.M.)	AREA = 152.556
7TH	415.469		
8TH	418.492		
9TH	415.469		
10TH	418.492		
11TH	418.492		
12TH	415.469		
TOTAL	5003.766	45 NOS. (1125 SQ.M.)	56 NOS.

AREA CALCULATION :-

LAND AREA (AS PER DEED)	= 2568.93 SQ.M. = 38 KA. 8 CH. 22 SQ.FT.
LAND AREA (AS PER PHYSICAL MEASUREMENT)	2566.331 SQ.M.
PER. GROUND COVERAGE (50%)	1284.078 SQ.M.
PROP. GROUND COVERAGE	514.778 SQ.M (20.04 %)
PERMISSIBLE F.A.R.	2.25
PROPOSED. F.A.R.	2.235 < 2.25
PERMISSIBLE BUILDING HEIGHT	60.0 M
PROPOSED. BUILDING HEIGHT	39.95 M
TOTAL SERVICE AREA	298.710 SQ.M.
NO. OF FLATS	56 NOS.
TRIPLE HIGHT TERRACE AREA	34.853 SQ.M.

SPECIFICATIONS :-

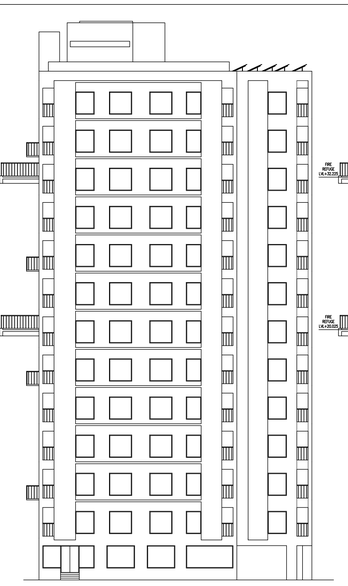
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
2. ALL EXTERNAL WALLS ARE 200 & 250 thk.& ALL INTERNAL WALLS ARE 100 thk.
3. THE DEPTH OF U.G.W.R. & SEPTIC TANK SHALL NEVER EXCEED THE DEPTH OF FOUNDATION.
4. BRICK WORK 250 &200 thk. MORTAR 1:6 & BRICK WORK 100 thk. MORTAR 1:4
5. ALL R.C.C. GRADE AS SPECIFIED BY STRUCTURAL ENGINEER.
6. GRADE OF STEEL FE 415 I.S. CODE 1786-1979.
7. ALL SORTS OF PRECAUTIONARY MEASURE WILL BE TAKEN AT THE TIME OF CONSTRUCTION.
8. OTHER ITEMS ARE AS PER I.S. SPECIFICATION.

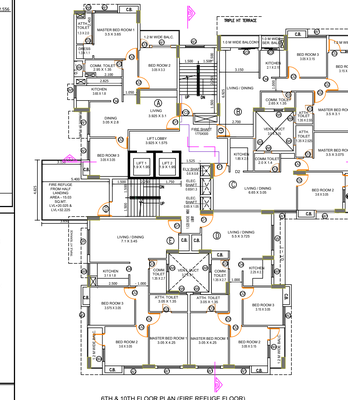
SHEET TITLE:
GROUND FLOOR PLAN, KEY PLAN,
PLAN OF G.L.W.S &S/D PUMP ROOM, LT.F. & M.W.S.

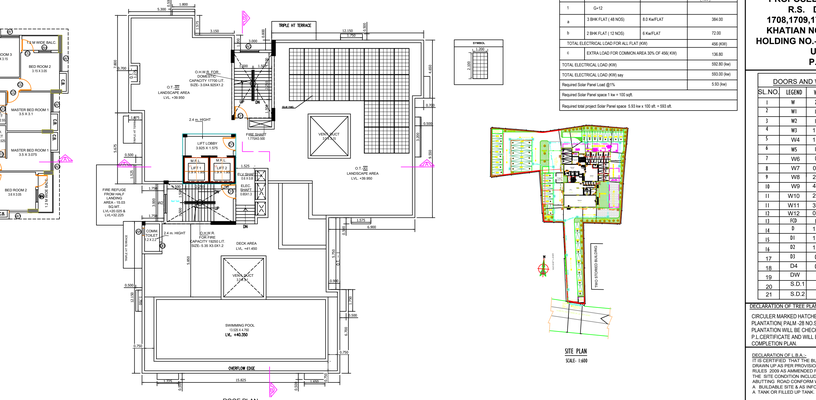
ARCHITECT
Subir Kumar Basu
CONSULTING ARCHITECTS & ENGINEERS
4, BROAD STREET
KOLKATA-700019
Website: www.subirkumarbasu.com

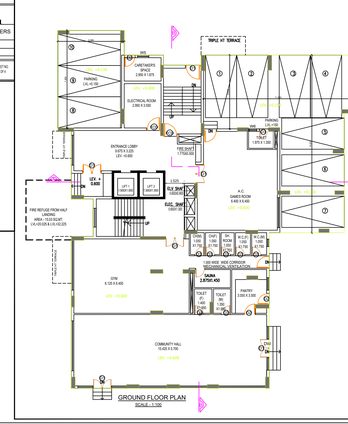
DRAWN BY & MODEL	SCALE	SHEET SIZE	DATE	SHEET No.
DWG ID 3.63	1:100	A1	9.05.20	1/9 >

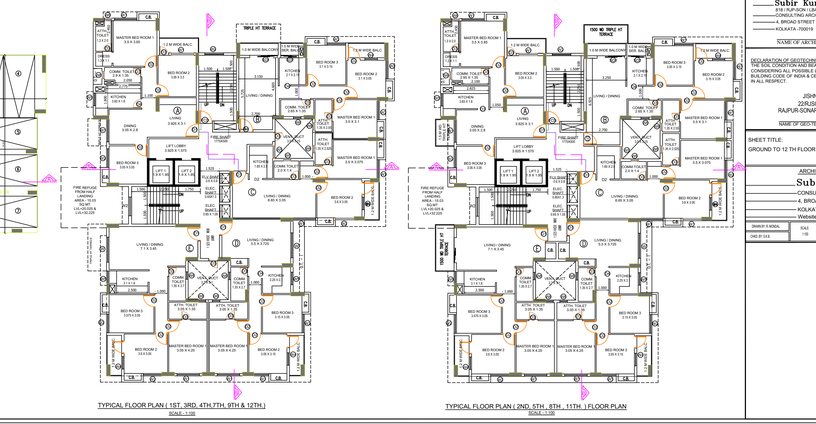
OFFICE USE ONLY.











SOLAR PANEL CALCULATION			
S. NO.	DESCRIPTION	WATTAGE	ELECTRICAL LOAD (KW)
1	G+12		
a	3 BHK FLAT (48 NOS)	8.0 KwP/FLAT	384.00
b	2 BHK FLAT (12 NOS)	6 KwP/FLAT	72.00
	TOTAL ELECTRICAL LOAD FOR ALL FLAT (KW)		456 (KW)
c	EXTRA LOAD FOR COMMON AREA 30% OF 456(KW)		136.80
	TOTAL ELECTRICAL LOAD (KW)		592.80 (kw)
	TOTAL ELECTRICAL LOAD (KW) say		593.00 (kw)
	Required Solar Panel Load @1%		5.93 (kw)
	Required Solar Panel space 1 kw = 150 sqft		
	Required total project Solar Panel space 5.93 kw x 150 sft. = 893 sft.		

PROJECT :-

PROPOSED G+12 (39.95M) STORIED RESIDENTIAL BUILDING AT R.S. DAG NO.- 1603, 1683,1684 & 1685, L.R. DAG NO.- 1708,1709,1703,1628; R.S. KHATIAN NO.- 361, 238, 154 & 621; L.R. KHATIAN NO.- 3980 , 3981 ; OF MOUZA- ELACHI, J.L. NO.- 70, HOLDING NO.- 383 ; DR. B.C. ROY ROAD (JAGADDAL)WARD NO.- 26, UNDER RAJPUR SONARPUR MUNICIPALITY, P.S. - SONARPUR, DIST.- 24 PARGANAS (S),

DOORS AND WINDOW SCHEDULE:					
SL.NO.	LEGEND	WIDTH	HEIGHT	LINTEL HT	SILL HT
1	W	2.000	1.800	2.150	300
2	W1	1.500	1.800	2.150	300
3	W2	1.500	1.800	2.150	300
4	W3	1.200	1.800	2.150	300
5	W4	1.000	1.800	2.150	300
6	W5	1.800	1.850	2.150	1.100
7	W6	0.600	900	2.150	1.250
8	W7	0.750	1.200	2.150	950
9	W8	2.400	1.800	2.150	---
10	W9	4.000	1.800	2.150	---
11	W10	2.225	1.800	2.150	---
12	W11	3.750	1.800	2.150	---
13	W12	0.675	1.500	2.150	---
14	RS	1.200	3.150	2.150	---
15	D	1.500	2.150	2.150	---
16	D1	1.100	2.150	2.150	---
17	D2	1.000	2.150	2.150	---
18	D3	0.750	2.150	2.150	---
19	D4	0.900	2.150	2.150	---
20	DW	---	---	---	---
21	S.D.1	1.200	2.150	---	---
22	S.D.2	1.425	2.150	---	---

SHEET TITLE :-
1ST FLOOR PLAN,TYPICAL FLOOR PLAN (2ND, 5TH , 8TH , 11TH FLOOR PLAN,TYPICAL FLOOR PLAN (3RD , 4TH , 6TH , 7TH , 9TH , 10TH , 12TH FLOOR PLAN)

DECLARATION OF TREE PLANTATION

CIRCULER MARKED HATCHED PORTIONS ARE FOR TREE PLANTATION PALM (25 NO.S. DECIDUAS (20 NO.S ETC) THESE TREE PLANTATION WILL BE CHECKED AT THE TIME OF INSPECTION OF P.L.CERTIFICATE AND WILL BE IN PROPER SIZE AT THE TIME OF COMPLETION PLAN.

DECLARATION OF E.S.E.:

I HAVE CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT BUILDING RULES 1990 AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITIONS INCLUDING THE ABUTTING ROAD CONFORM WITH THE PLAN & THAT IT IS A BUILDABLE SITE AND NOT A TANK OR A FILLED UP LAND.

Subir Kumar Basu
B/18 / RJPUR-SON / LBA
CONSULTING ARCHITECTS & ENGINEERS
4, BROAD STREET
KOLKATA-700019
NAME OF ARCHITECT

SANJIV J. PAREKH
E.S.E. NO.- 018
RAJPUR-SONARPUR MUNICIPALITY
NAME OF STRUCTURAL ENGINEER

DECLARATION OF GEOTECHNICAL ENGINEER:-
THE SOIL CONDITION AND BEARING CAPACITY IS CHECKED BY ME CONSIDERING ALL POSSIBLE LOADS AS PER THE NATIONAL BUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT.

JISHNU PAL
22RJSONG.T.I
RAJPUR-SONARPUR MUNICIPALITY
NAME OF GEO-TECHNICAL ENGINEER

PRAKASH TEKRIWAL, WRISHAB TEKRIWAL
NAME OF OWNER

SHEET TITLE:
GROUND TO 12 TH FLOOR PLAN, ROOF PLAN, SITE PLAN

ARCHITECT
Subir Kumar Basu
CONSULTING ARCHITECTS & ENGINEERS
4, BROAD STREET
KOLKATA-700019
Website: www.subirkumarbasu.com

DRAWN BY & MODEL	SCALE	SHEET SIZE	DATE	SHEET No.
DWG ID 3.63	1:100	A1	9.05.20	1/9 >

OFFICE USE ONLY.

SPECIFICATIONS :-

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
2. ALL EXTERNAL WALLS ARE 200 & 250 thk.& ALL INTERNAL WALLS ARE 100 thk.
3. THE DEPTH OF U.G.W.R. & SEPTIC TANK SHALL NEVER EXCEED THE DEPTH OF FOUNDATION.
4. BRICK WORK 250 &200 thk. MORTAR 1:6 & BRICK WORK 100 thk. MORTAR 1:4
5. ALL R.C.C. GRADE AS SPECIFIED BY STRUCTURAL ENGINEER.
6. GRADE OF STEEL FE 415 I.S. CODE 1786-1979.
7. ALL SORTS OF PRECAUTIONARY MEASURE WILL BE TAKEN AT THE TIME OF CONSTRUCTION.
8. OTHER ITEMS ARE AS PER I.S. SPECIFICATION.

Signature Not Verified
Digitally signed by Name: Dr Rajib Kumar Sarkar
Date: 13-Oct-2020 17:49:13
Reason: Building Permit
Location: Howrah, Sonarpur

For SKYGLAZE REALCON LLP

Authorised Signatory