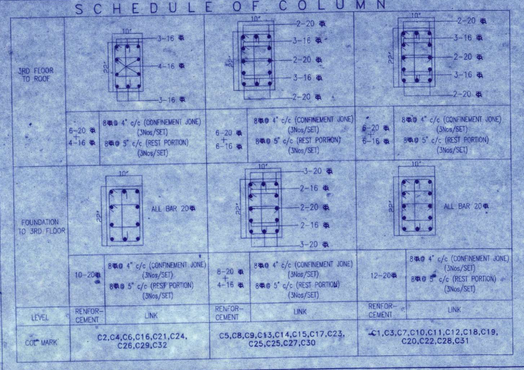
SCHEDULE OF COLUMN



SCHEDULE OF FLOOR BEAMS

BEAM MKD.	BEAM TYPE	BEAM SIZE WIDTH	BEAM SIZE DEPTH	REINFORCEMENTS TOP	REINFORCEMENTS EXT. TOP	REINFORCEMENTS BOTTOM	REINFORCEMENTS EXT. BOTTOM	STIRRUPS S1	STIRRUPS S2	SIDE REINF. EACH FACE	REMARKS
FB-1	II	10"	20"	3-20Φ	3-20Φ	3-20Φ	3-16Φ	2L-8Φ@ 4"c/c	2L-8Φ@ 5"c/c	-	FLOOR BEAM
FB-2	II	10"	18"	3-20Φ	2-20Φ	3-20Φ	2-16Φ	2L-8Φ@ 4"c/c	2L-8Φ@ 5"c/c	-	FLOOR BEAM
FB-3	II	10"	18"	3-20Φ	2-16Φ	3-16Φ	2-16Φ	2L-8Φ@ 4"c/c	2L-8Φ@ 5"c/c	-	FLOOR BEAM
FB-4	II	10"	16"	3-16Φ	2-12Φ	3-16Φ	2-16Φ	2L-8Φ@ 4"c/c	2L-8Φ@ 5"c/c	-	FLOOR BEAM
FB-5	II	10"	14"	2-16Φ	2-12Φ	2-16Φ	2-12Φ	2L-8Φ@ 4"c/c	2L-8Φ@ 5"c/c	-	FLOOR BEAM
CB-1	III	10"	20"	3-20Φ (a)	3-20Φ (a)	3-20Φ (c)	—	2L-8Φ@ 4"c/c	2L-8Φ@ 5"c/c	-	CANT. BEAM
CB-2	III	10"	12"	3-16Φ (a)	2-20Φ (a)	3-20Φ (c)	—	2L-8Φ@ 4"c/c	2L-8Φ@ 5"c/c	-	CANT BEAM
HLB	II	10"	16"	3-16Φ	3-16Φ	3-16Φ	2-16Φ	2L-8Φ@ 4"c/c	2L-8Φ@ 5"c/c	-	HALF LANDING BEAM
MB	II	10"	12"	3-16Φ	—	3-16Φ	—	2L-8Φ@ 4"c/c	2L-8Φ@ 5"c/c	-	MUMTY ROOF BEAM

SCHEDULE OF TIE BEAMS

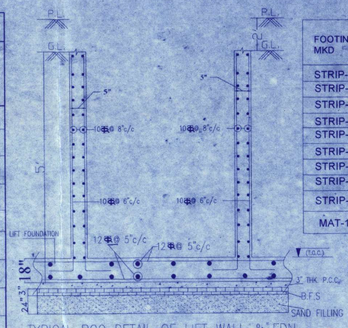
BEAM MKD.	BEAM TYPE	BEAM SIZE WIDTH	BEAM SIZE DEPTH	REINFORCEMENTS TOP	REINFORCEMENTS EXT. TOP	REINFORCEMENTS BOTTOM	REINFORCEMENTS EXT. BOTTOM	STIRRUPS S1	STIRRUPS S2	SIDE REINF. EACH FACE	REMARKS
TB-1	II	10"	16"	3-16Φ	2-20Φ	3-16Φ	2-16Φ	2L-8Φ@ 4"c/c	2L-8Φ@ 6"c/c	-	TIE BEAM
TB-2	II	10"	18"	3-20Φ	3-16Φ	3-16Φ	2-16Φ	2L-8Φ@ 4"c/c	2L-8Φ@ 6"c/c	-	TIE BEAM

SCHEDULE OF SLAB

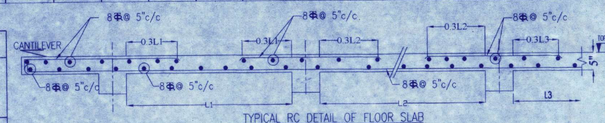
MKD.	THK.	REINFORCEMENT ALONG SHORTER DIRECTION SUPPORT TOP	SHORTER DIRECTION SUPPORT BOTTOM	SHORTER DIRECTION SPAN TOP	SHORTER DIRECTION SPAN BOTTOM	ALONG LONGER DIRECTION TOP	ALONG LONGER DIRECTION BOTTOM
S1 (ONE WAY)	6"	8Φ@5"C/C	8Φ@5"C/C	8Φ@5"C/C	8Φ@5"C/C	8Φ@5"C/C	8Φ@5"C/C
S2 (TWO WAY)	5"	8Φ@5"C/C	8Φ@5"C/C	8Φ@5"C/C	8Φ@5"C/C	8Φ@5"C/C	8Φ@5"C/C

SCHEDULE OF FOOTING

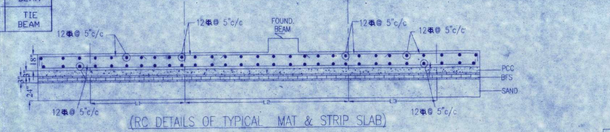
FOOTING MKD.	L X B	FOOTING THICKNESS (T)	BOTTOM REINFORCEMENT BOTH WAY	TOP REINFORCEMENT BOTH WAY
STRIP-1	SHOWN IN LAYOUT	18" (T)	12 Ø TOR @ 5" C/C BOTH DIRE.	12 Ø TOR @ 5" C/C BOTH DIRE.
STRIP-2	SHOWN IN LAYOUT	18" (T)	12 Ø TOR @ 5" C/C BOTH DIRE.	12 Ø TOR @ 5" C/C BOTH DIRE.
STRIP-3	SHOWN IN LAYOUT	18" (T)	12 Ø TOR @ 5" C/C BOTH DIRE.	12 Ø TOR @ 5" C/C BOTH DIRE.
STRIP-4	SHOWN IN LAYOUT	18" (T)	12 Ø TOR @ 5" C/C BOTH DIRE.	12 Ø TOR @ 5" C/C BOTH DIRE.
STRIP-5	SHOWN IN LAYOUT	18" (T)	12 Ø TOR @ 5" C/C BOTH DIRE.	12 Ø TOR @ 5" C/C BOTH DIRE.
STRIP-6	SHOWN IN LAYOUT	18" (T)	12 Ø TOR @ 5" C/C BOTH DIRE.	12 Ø TOR @ 5" C/C BOTH DIRE.
STRIP-7	SHOWN IN LAYOUT	18" (T)	12 Ø TOR @ 5" C/C BOTH DIRE.	12 Ø TOR @ 5" C/C BOTH DIRE.
STRIP-8	SHOWN IN LAYOUT	18" (T)	12 Ø TOR @ 5" C/C BOTH DIRE.	12 Ø TOR @ 5" C/C BOTH DIRE.
STRIP-9	SHOWN IN LAYOUT	18" (T)	12 Ø TOR @ 5" C/C BOTH DIRE.	12 Ø TOR @ 5" C/C BOTH DIRE.
MAT-1	SHOWN IN LAYOUT	18" (T)	12 Ø TOR @ 5" C/C BOTH DIRE.	12 Ø TOR @ 5" C/C BOTH DIRE.



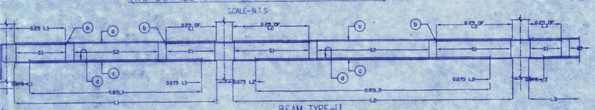
TYPICAL RCC DETAIL OF LIFT WALL & FDN.
SCALE-N.T.S



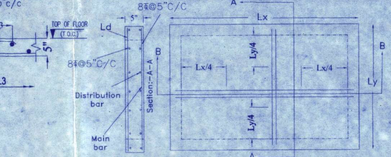
TYPICAL RC DETAIL OF FLOOR SLAB
SCALE-N.T.S

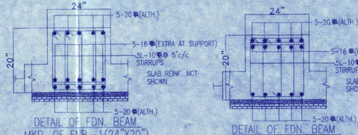


(RC DETAILS OF TYPICAL MAT & STRIP SLAB)

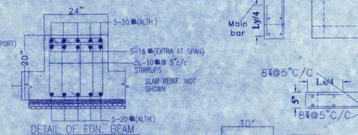


BEAM TYPE-II
(MULTIPLE SPAN)

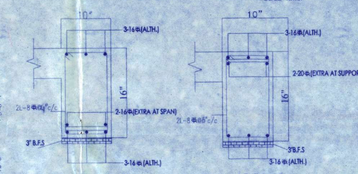




DETAIL OF FDN. BEAM MKD. OF FNB-1(24"X20")

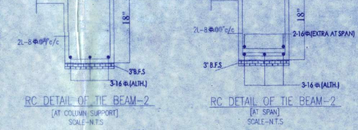


DETAIL OF FDN. BEAM MKD. OF FNB-1(24"X20")

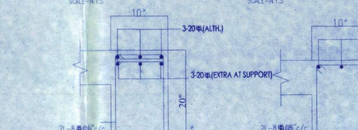


RC DETAIL OF TIE BEAM-1

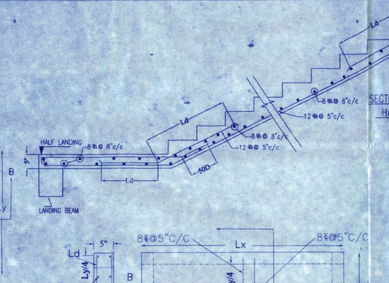
RC DETAIL OF FLOOR BEAM-1

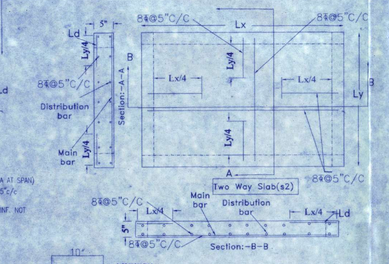


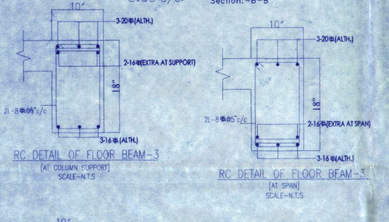
RC DETAIL OF FLOOR BEAM-2



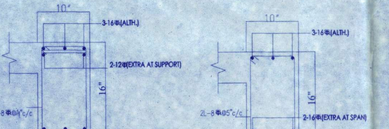
RC DETAIL OF FLOOR BEAM-5



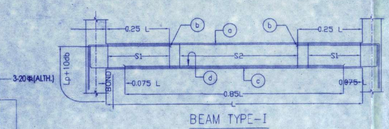


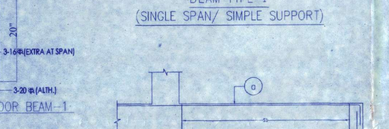


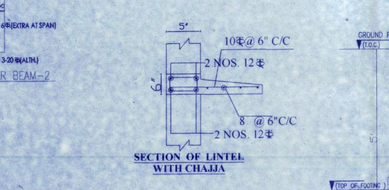
RC DETAIL OF FLOOR BEAM-3



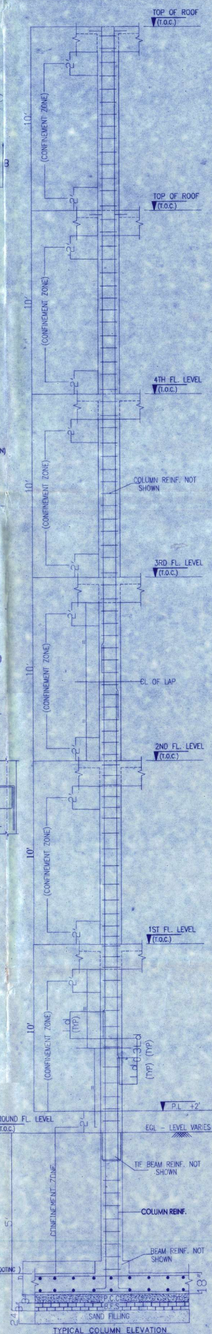
RC DETAIL OF FLOOR BEAM-4





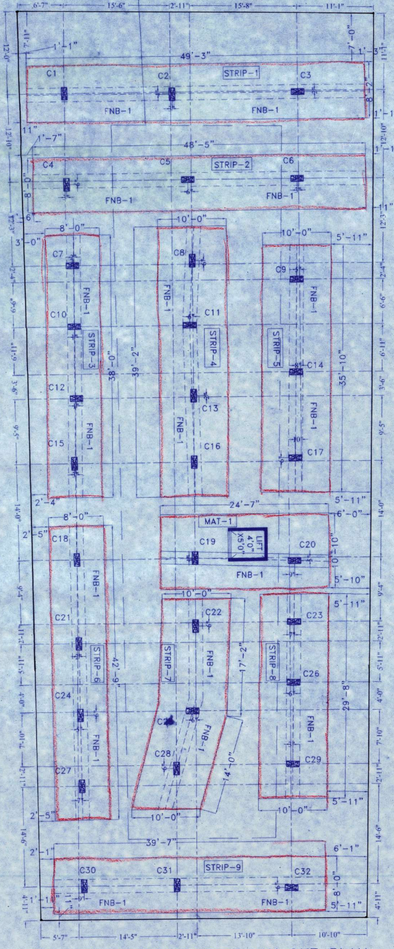


SECTION OF LINTEL WITH CHAJJA



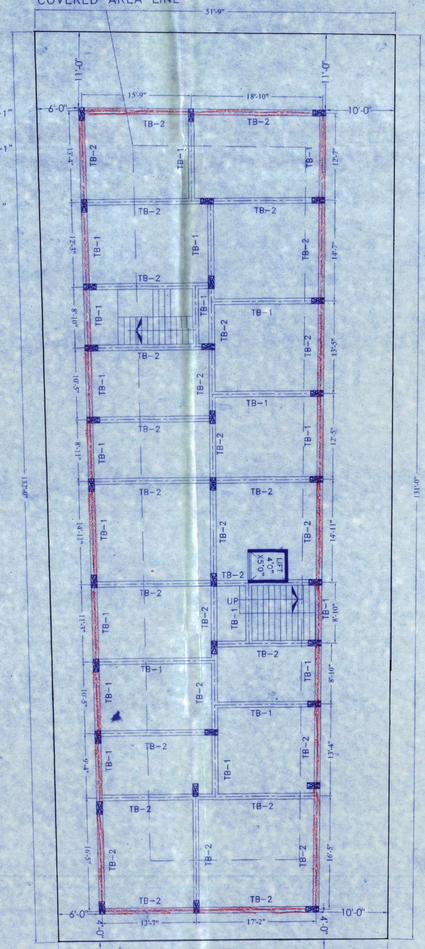
TYPICAL COLUMN ELEVATION
SCALE-N.T.S.

PREVIOUS SANCTION COVERED AREA LINE



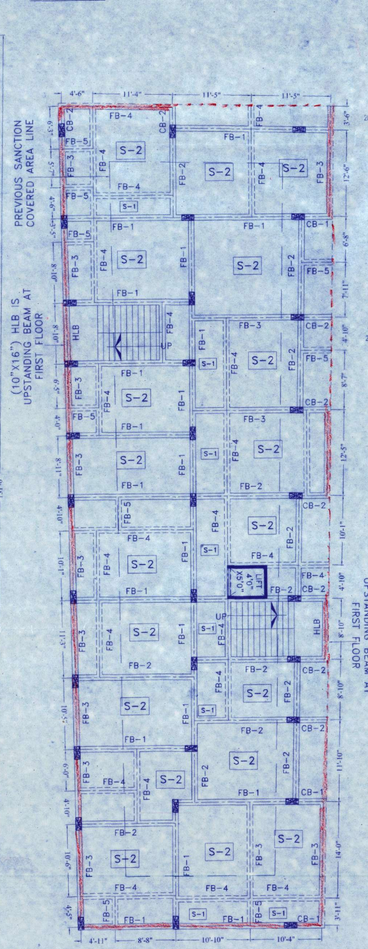
COLUMN AND FOUNDATION LAY OUT PLAN
SCALE-1:96

PREVIOUS SANCTION COVERED AREA LINE



TIE BEAM LAY OUT PLAN
SCALE-1:96

(10"X16") HLB IS UPSTANDING BEAM AT FIRST FLOOR



FLOOR BEAM LAY OUT PLAN
SCALE-1:96

NOTES:
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWING,TERMS AND CONDITIONS, SPECIFICATIONS AND SCHEDULE OF ITEMS.
2. ALL DIMENSIONS ARE IN MILLIMETRE & LEVEL ARE IN METRE UNLESS NOTED OTHERWISE.
3. ALL REINFORCING STEEL SHALL BE HIGH YIELD STRENGTH DEFORMED BARS MARKED CONFORMING TO IS: 1786 (Fe-500).
4. GRADE OF CONCRETE SHALL BE M25.
5. ALL HOOKS, BENDS AND LAPS IN REINFORCEMENT SHALL CONFORM TO IS:2502 (LATEST REVISION) UNLESS NOTED OTHERWISE.
6. PLAIN CEMENT CONCRETE (PCC) UNDER FOUNDATION SHALL BE OF GRADE M10 UNLESS NOTED OTHERWISE.
7. REINFORCEMENT SHALL SUITABLY BE ADJUSTED AT SITE IF REQUIRED TO MAKE CLEAR SPACE FOR POCKETS, ANCHOR BOLTS ETC.
8. MINIMUM LAP LENGTH SHALL BE 50XDIA OF BAR UNLESS NOTED OTHERWISE. LAPS SHALL BE STAGGERED AS FAR AS POSSIBLE. MINIMUM DISTANCE BETWEEN TWO STAGGERED LAP SHALL BE 0.3X50XDIA OF BAR. NOT MORE THAN 50% OF THE BAR CAN BE LAPPED AT A SINGLE LOCATION,STIRRUPS SPACING SHALL BE 150c/c AT A LOCATION WHERE LONGITUDINAL BARS ARE LAPPED.
9. SOIL USED FOR BACKFILLING TO BE FREE FROM BLACK COTTON SOIL,ROOTS, VEGETATION ETC.
10. FDN. TO REST ON VIRGIN SOIL. IF EXCESS EXCAVATION IS OBSERVED/ENCOUNTERED AT SITE, THE SAME TO BE FILLED UP BY PCC TO THE DESIRED LEVEL.
11. THE FOUNDATION HAVE BEEN DESIGNED CONSIDERING 'NASBC' AS PER GEOTECHNICAL INVESTIGATION REPORT.
12. WHERE A SECONDARY OR TERTIARY BEAM IS RESTING ON ANOTHER BEAM,EXTRA 2Nos SETS OF STP. OF 12 DIA.. BAR TO BE PROVIDED ON EACH SIDE.

NOMINAL COVER TO REINFORCEMENT SHALL BE AS FOLLOWS UNLESS STATED OTHERWISE :-

SUBSTRUCTURE WORKS	BOTTOM (mm)	SIDES (mm)	TOP (mm)
COLUMNS, TIE BEAM	40	40	40
FOUNDATION	50	50	50
SUPERSTRUCTURE WORKS			
COLUMNS	40	40	40
BEAMS	30	30	30
SLABS (FLOOR)	20	20	20
LINTEL, CHAJJA, BANDS etc.	20	20	20

THIS DRAWING SHALL BE READ ALONG WITH RELEVANT ARCHITECTURAL & STRUCTURAL DRAWINGS. WHEREVER BRICK WALL ON FLOOR SLAB IS NOT ABOVE BEAM, EXTRA 2 NOS OF 12T BARS SHALL BE PROVIDED IN SLAB BELOW WALL. WHEREVER BEAM DEPTH IS GREATER THAN 750 MM 2 NOS 16 MM ⌀ BAR IS TO BE PROVIDED EACH SIDE OF BEAM.

PROJECT NAME –

REVISED STRUCTURAL PLAN OF GROUND,FIRST, SECOND,THIRD,FOURTH, FIFTH FLOOR COMMERCIAL CUM RESIDENTIAL BUILDING (FLAT) AT S.N. SEN ROAD ,WARD NO – 05 ,HOLDING NO –27, UNDER KRISHNANAGAR MUNICIPALITY, P.S –KOTWALI, KRISHNANAGAR, DIST –NADIA.

PROJECT ADDRESS –

J.L NO–92 , MOUZA – KRISHNANAGAR , R.S PLOT NO–14420/27034, L.R PLOT NO – 10388 , R.S KHATIAN NO– 5358, L.R KHATIAN NO –18752,53752,53753 (AS PER DEED) , KHATIAN NO–55790 (AS PER PORCHA)

LAND OF AREA – (15.0 SATAK AS PER DEED & PORCHA), (14.93 SATAK AS PER MEASUREMENT)

NOTES -

1. REVISED GROUND FLOOR EXTENSION COVERED AREA – 2088.41 SQ.FT
2. REVISED FIRST FLOOR EXTENSION COVERED AREA – 2088.41 SQ.FT
3. REVISED SECOND FLOOR EXTENSION COVERED AREA – 2088.41 SQ.FT
4. REVISED THIRD FLOOR EXTENSION COVERED AREA – 2088.41 SQ.FT
5. REVISED FOURTH FLOOR EXTENSION COVERED AREA– 2088.41 SQ.FT
6. REVISED FIFTH FLOOR EXTENSION COVERED AREA– 2088.41 SQ.FT

PREVIOUS SANCTION PLAN DATE – 11/04/2023

AREA STATEMENT	PERVIOUS SANCTION COVER AREA(SQFT)	REVISED EXTENSION COVER AREA (SQFT)	PREVIOUS SANCTION+REVISED EXTENSION COVER AREA(SQFT)	PARKING (SQFT)
GROUND FLOOR	2399.59	2088.41	4488.00	1566.81
FIRST FLOOR	2399.59	2088.41	4488.00	GROUND FLOOR PLINTH AREA = 3905.59 SQ.FT.
SECOND FLOOR	2399.59	2088.41	4488.00	
THIRD FLOOR	2399.59	2088.41	4488.00	
FOURTH FLOOR	2399.59	2088.41	4488.00	PARKING = 1566.81 SQ.FT = 40.11 % OF GR.FL. PLINTH AREA.
FIFTH FLOOR	2399.59	2088.41	4488.00	
TOTAL AREA	14397.54	12530.46	26928.00	

TOTAL REVISED EXTENSION COVERED AREA = 12530.46 SQ.FT.

NAME OF THE COMPANY:–
FORTUNE SKY
PAN NO :– AAIFT1051G
TAN NO – CALF04177F
JADHU NATH PAUL LANE, GHURNI, RADHANAGAR KOTWALI, NADIA–741103. W.B.

IN FAVOR OF 'FORTUNE SKY' OWNER CUM PARTNER'S NAME :–

1. SRI NIRENDRA NATH DAS S/O– LATE NITYANANDA DAS .
2. SRI SWAPAN KUMAR BISWAS S/O– LATE KALIPADA BISWAS.
3. SRI ARNAB KAR S/O– SRI PRANAB KUMAR KAR .
4. SMT SONALI CHAKRABORTY W/O– SRI SUBIR CHAKRABORTY .
5. SUBHANGI DUTTA D/O– SRI SUBHRAKANTI DUTTA.
6. SRI SAYANTAN GHOSH S/O– SRI SWAPAN GHOSH .

I CERTIFY THAT THE BUILDING PLAN HAS BEEN DRAWN TIME THAT THE SITE CONDITION CONFORM WITH THE PLAN AND IT IS BUILDABLE SITE AND NOT TANK OR FILLED TANK.

L.B.S SIGNATURE –

Pramod MANDLE
Architect, Engineer & Surveyor
L.B.S of Nadia District
Regn. No. : WB/CA-00394/96

THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME. CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BLDG. CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

STRUCTURAL ENGINEER'S SIGNATURE –

MR. AVIK BISWAS
L.B.S- CLASS- I
REG NO-03/2016-2019(CM.
STR. - CLASS-I
REGNO-01/2023-2024 (CM.
GTE.- CLASS-I
REGNO-01/2023-2024 (CM.
SANTIMA, KRISHNANAGAR, NADIA

STRUCTURAL DESIGN | N | SHEET SIZE–A0

CONSULTANTS:
ARCHIO–TRONIC
DEVELOPMENT PRIVATE LIMITED
archiotronic.office@gmail.com