

SCHEDULE OF R.C.C. BEAM

BEAM NO. (B.Y.D)	SECTION	SUPPORT BEARS	SPAN BEARS	VERTICAL STRENGTH
B1	300 X 600	3-28 @ (U-1) + 2-28 @ (U-2)	3-28 @ (U-1) + 2-28 @ (U-2)	8 # 2 L VERTICAL STRIPS @ 100 CC
B2	300 X 450	3-28 @ (U-1) + 2-28 @ (U-2)	3-28 @ (U-1) + 2-28 @ (U-2)	8 # 2 L VERTICAL STRIPS @ 100 CC
B3	300 X 400	3-28 @ (U-1) + 2-28 @ (U-2)	3-28 @ (U-1) + 2-28 @ (U-2)	8 # 2 L VERTICAL STRIPS @ 100 CC
B4	250 X 450	3-18 @ (U-1) + 2-18 @ (U-2)	3-18 @ (U-1) + 2-18 @ (U-2)	8 # 2 L VERTICAL STRIPS @ 100 CC
B5	250 X 400	3-18 @ (U-1) + 2-18 @ (U-2)	3-18 @ (U-1) + 2-18 @ (U-2)	8 # 2 L VERTICAL STRIPS @ 100 CC

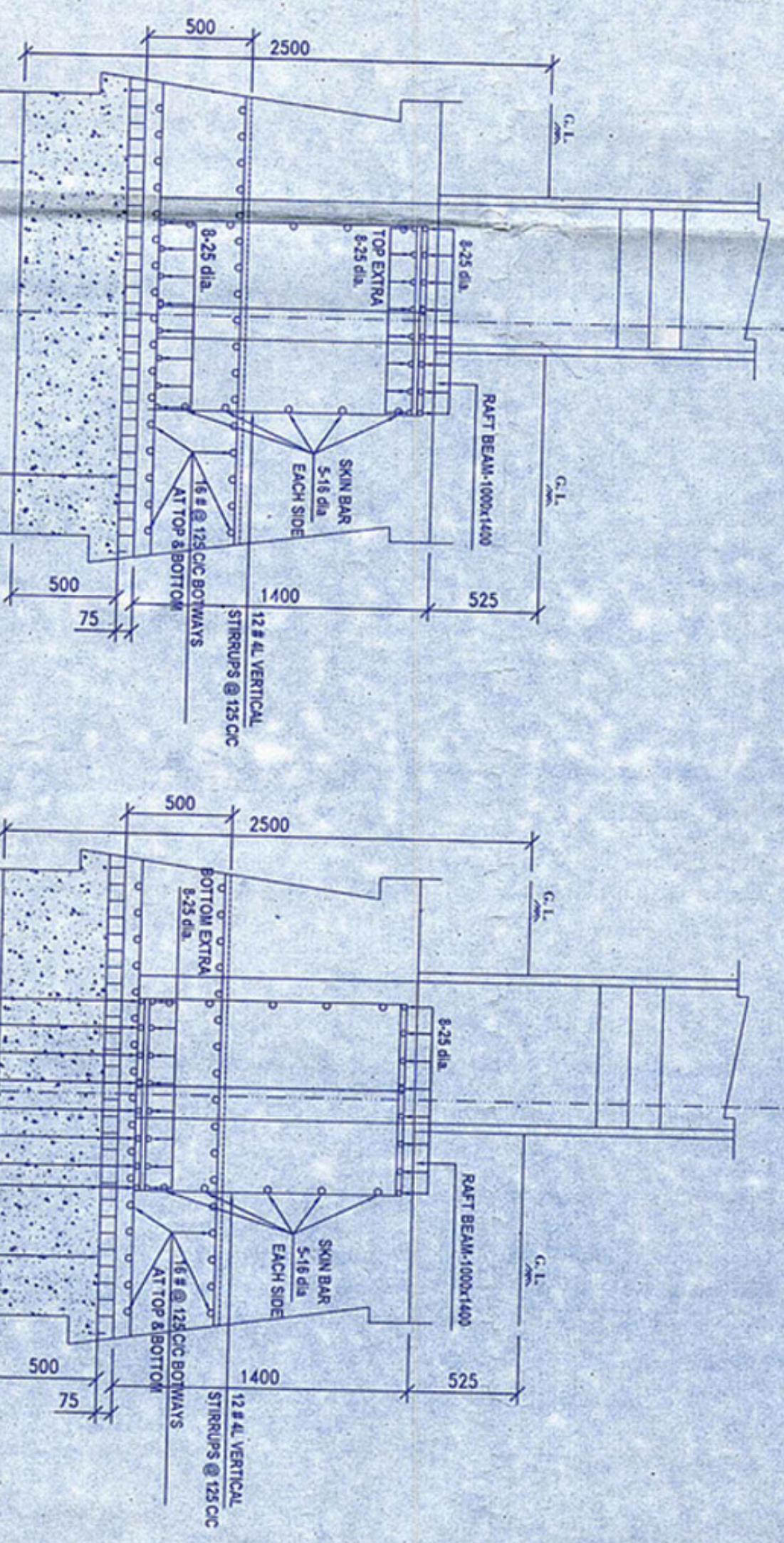
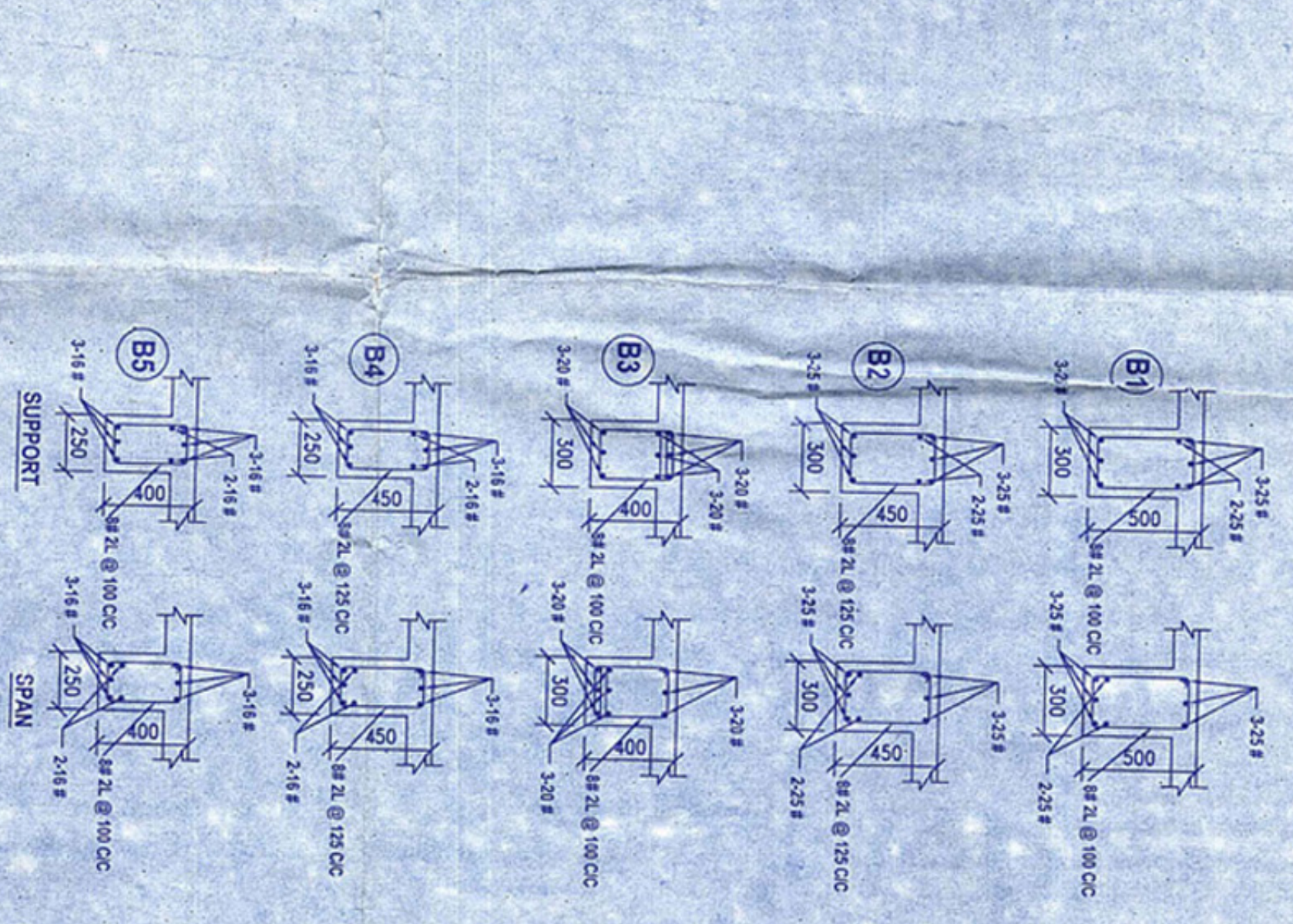
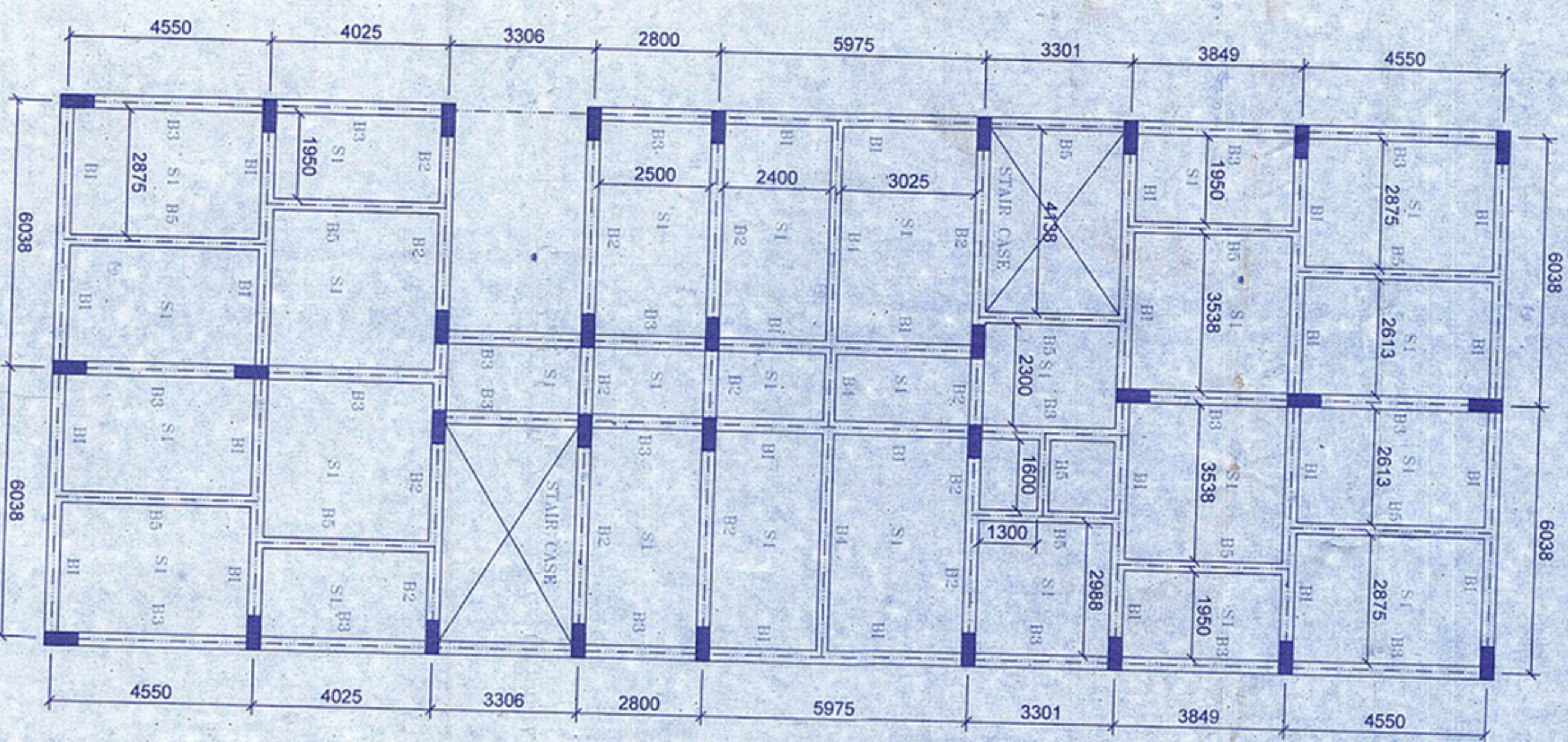
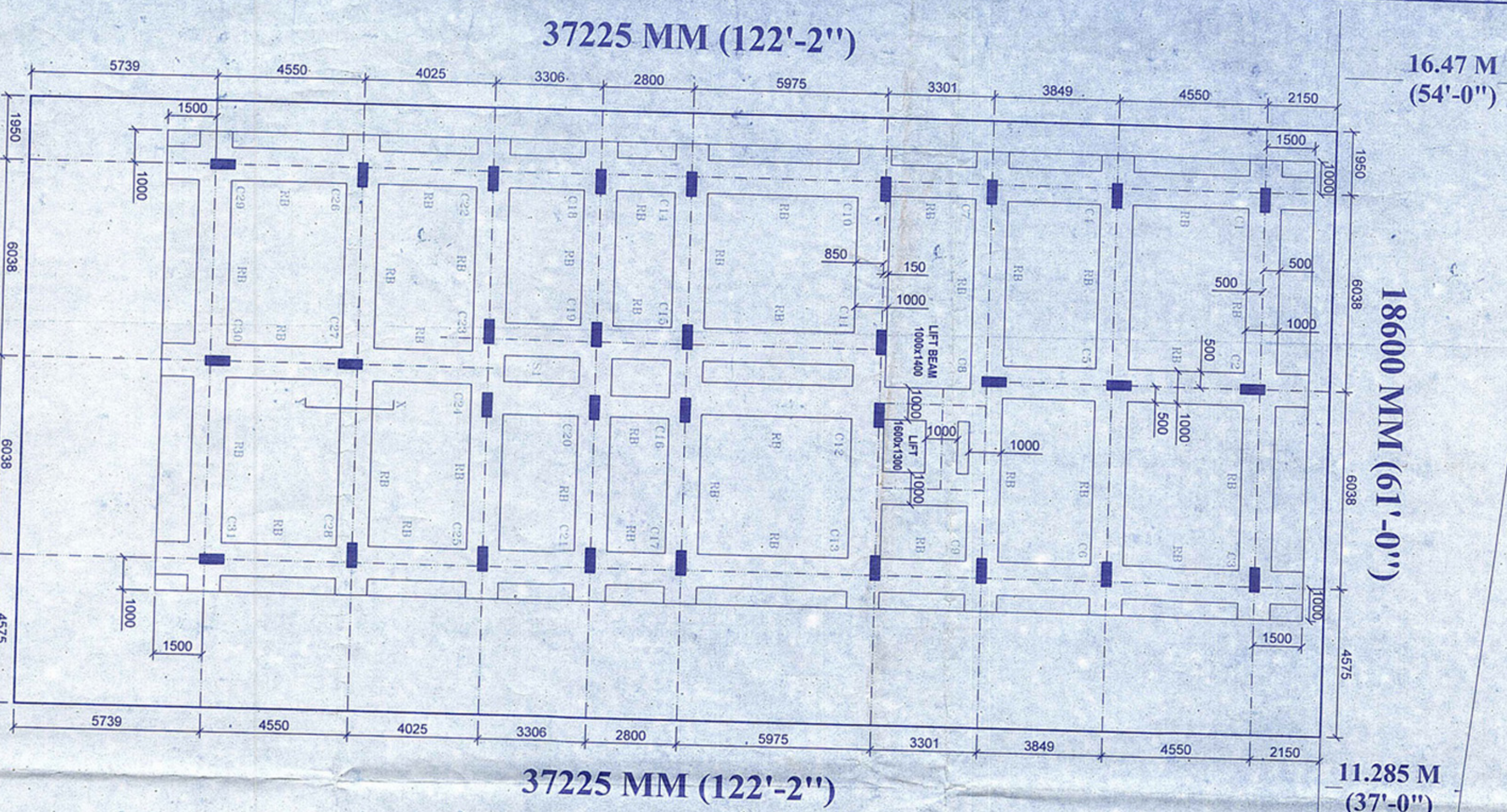
SCHEDULE OF R.C.C. SLAB

PANEL NO.	DEPTH (mm)	REINFORCEMENT DETAILS	REMARK
S1	110 MM	10 # @ 150 CC BOTTOMWAY AT SUPPORT AND AT SPAN	2 WAY SLAB

SCHEDULE OF COLUMN REINFORCEMENT

COLUMN NO.	SECTION	REINFORCEMENT DETAILS
C1	300 X 300	4-28 @ 100 CC
C2	300 X 300	4-28 @ 100 CC
C3	300 X 300	4-28 @ 100 CC
C4	300 X 300	4-28 @ 100 CC
C5	300 X 300	4-28 @ 100 CC

- SCHEDULE OF RAFT FOUNDATION**
- Depth of excavation: 2500 mm.
 - Sand backfill: 500 mm.
 - Depth of foundation: 2000 mm.
 - 1000 over hang beyond the C.L. of columns along width.
 - 1500 over hang beyond the C.L. of columns along length.
 - Raft size: 14.075 m x 35.555 m.
 - Raft slab thickness 500 with 16 # @ 125 cc bottomways at support & span at top & bottom.
 - Raft beam 1000 X 1400 with 8-28 # @ 250 cc (top) at support and at span with 12 # 4L vertical stirrups @ 125 cc & 5-16 # as skin bar at each side face.



STRUCTURAL DETAILS FOR PROPOSED CONSTRUCTION OF G+IV STORED APARTMENTAL BUILDING (RESIDENTIAL & COMMERCIAL) NAMED SWAGATAM TOWER OF DILIP PAUL AND BRADIP PAUL AS CONSTITUTED ATTORNEY OF SRIMATYA TRIPATI DAS ADHIKARY, SRI SONGATA ADHIKARY, SMT. SUSMITA RAY & SMT. SHARMITA DOLUI W/O - LATE ASIT BARAN DAS ADHIKARY - S/O & D/O - LATE ASIT BARAN DAS ADHIKARY ; AT MOUZA - NUTANDIHI; J.L. NO.-363 ; R.S. KH. NO.-9 ; L.R. KH. NO.- 844, 845, 846, 847 ; R.S. PLOT NO - 138 ; L.R. PLOT NO - 358 ; 359; HOLDING NO.- 713/639, 713B/639, 713C/639 ; WARD NO. - 09 ; P.S. + DIST. - JHARGRAM, UNDER JHARGRAM MUNICIPALITY.

I DO HEREBY CERTIFY THAT PLANS, ELEVATIONS AND SECTIONS AND OTHER STRUCTURAL DETAILS OF THE PROPOSED BUILDING ON PLOT NO. 138 (R.S.), 358, 359 (L.R.) MOUZA - NUTANDIHI, J.L. NO. - 363, WARD NO. - 09, JURISDICTION OF JHARGRAM MUNICIPALITY, DISTRICT - JHARGRAM, STATE - WEST BENGAL, INDIA, HAVE BEEN PREPARED IN CONFORMANCE WITH ALL RELEVANT PROVISIONS UNDER THE WEST BENGAL MUNICIPAL BUILDING RULES, 2008. I DO NOT UNDERTAKE ANY RESPONSIBILITY FOR THE CONSTRUCTION OF THE BUILDING UNLESS THE RELEVANT AUTHORITIES SUCH AS FIRE & AMBULANCE, AIRPORT AUTHORITY, POLLUTION CONTROL BOARD, TELE COMMUNICATION DEPARTMENT ETC. AS APPLICABLE IN THE RESPECTIVE JURISDICTION, APPROVE THE PLANS TO CONSTRUCT. RECONSTRUCT / ADDITION TO / ALTERATION OF THE BUILDING ON THE SPOT.

Signature of Licensed Building Surveyor (LBS-I)/Architect
 Name - *Satish Kumar Karandakar*
 Address - *Krishnapur, Jhargram*

I DO HEREBY CERTIFY THAT THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING ON PLOT NO. 138 (R.S.), 358, 359 (L.R.) MOUZA - NUTANDIHI, J.L. NO. - 363, WARD NO. - 09, JURISDICTION OF JHARGRAM MUNICIPALITY, DISTRICT - JHARGRAM, STATE - WEST BENGAL, INDIA, HAVE BEEN PREPARED IN CONFORMANCE WITH ALL RELEVANT PROVISIONS UNDER THE WEST BENGAL MUNICIPAL BUILDING RULES, 2008. I DO NOT UNDERTAKE ANY RESPONSIBILITY FOR THE CONSTRUCTION OF THE BUILDING UNLESS THE RELEVANT AUTHORITIES SUCH AS FIRE & AMBULANCE, AIRPORT AUTHORITY, POLLUTION CONTROL BOARD, TELE COMMUNICATION DEPARTMENT ETC. AS APPLICABLE IN THE RESPECTIVE JURISDICTION, APPROVE THE PLANS TO CONSTRUCT. RECONSTRUCT / ADDITION TO / ALTERATION OF THE BUILDING ON THE SPOT.

Signature of Structural Engineer (KMC-II)
 Name - *Sudipta Ghosh*
 Address - *Bhuvan, Howrah*

Signature of Geotechnical Engineer (KMC-I)
 Name - *S. K. Ghosh*
 Address - *Alc-278, S.K. Ghosh, S. H. Ghosh, K.C.T. 700 31*

I DO HEREBY CERTIFY THAT THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING ON PLOT NO. 138 (R.S.), 358, 359 (L.R.) MOUZA - NUTANDIHI, J.L. NO. - 363, WARD NO. - 09, JURISDICTION OF JHARGRAM MUNICIPALITY, DISTRICT - JHARGRAM, STATE - WEST BENGAL, INDIA, HAVE BEEN PREPARED IN CONFORMANCE WITH ALL RELEVANT PROVISIONS UNDER THE WEST BENGAL MUNICIPAL BUILDING RULES, 2008. I DO NOT UNDERTAKE ANY RESPONSIBILITY FOR THE CONSTRUCTION OF THE BUILDING UNLESS THE RELEVANT AUTHORITIES SUCH AS FIRE & AMBULANCE, AIRPORT AUTHORITY, POLLUTION CONTROL BOARD, TELE COMMUNICATION DEPARTMENT ETC. AS APPLICABLE IN THE RESPECTIVE JURISDICTION, APPROVE THE PLANS TO CONSTRUCT. RECONSTRUCT / ADDITION TO / ALTERATION OF THE BUILDING ON THE SPOT.

Signature of Owner
 Name - *Dilip Paul*
 Address - *Swagatam Tower, Jhargram*

