

SCHEDULE OF COLUMNS

GROUP	COL.MKD.	SIZE	REINFORCEMENT	TIE
GROUP I	C1 TO C24	250x450	4-20ØT+4-16ØT	8ØT @ 200 C/C

SCHEDULE OF SLAB

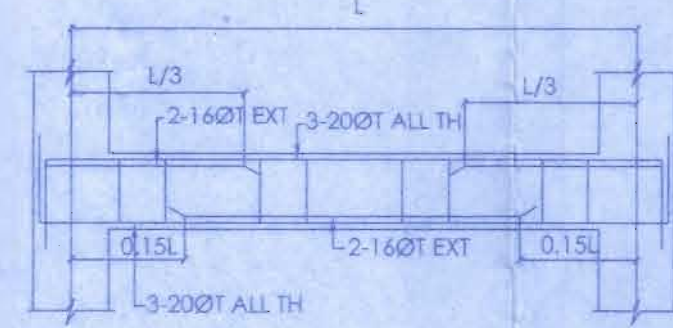
SLAB MKD.	SLAB THICK	REINFORCEMENT					
		MID SPAN			SUPPORT		
		SHORT BOTTOM	LONG BOTTOM	BOTTOM	SHORT TOP	LONG TOP	TOP
S1	125MM	8ØT @ 150 C/C	8ØT @ 150C/C	8ØT @ 300 C/C	8ØT @ 125C/C	8ØT @ 300 C/C	8ØT @ 125 C/C
S2	150MM	8ØT @ 150 C/C	8ØT @ 150C/C	8ØT @ 300 C/C	8ØT @ 125C/C	8ØT @ 300 C/C	8ØT @ 125 C/C

SCHEDULE OF BEAMS

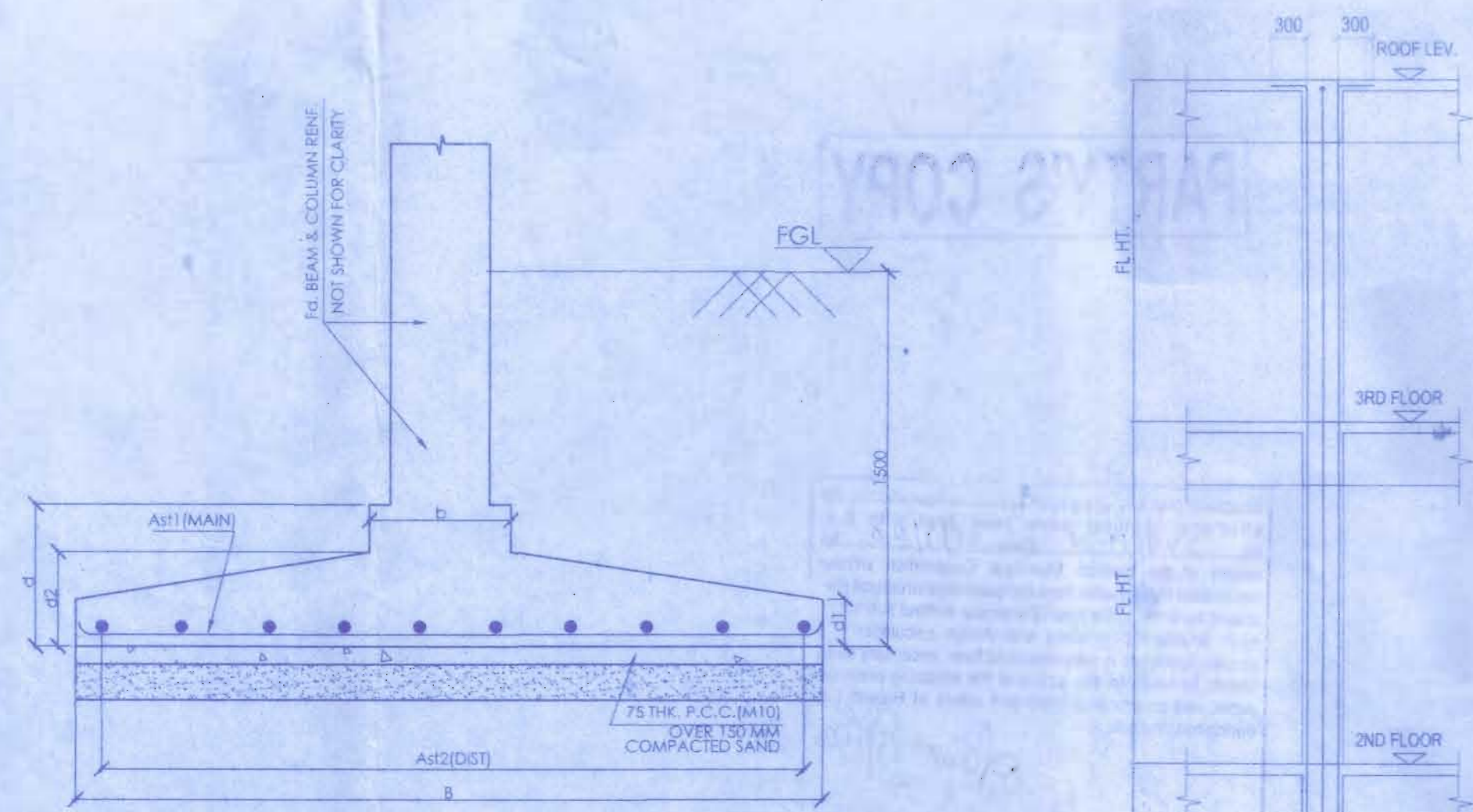
BEAM	BEAM SIZE	SUPPT. REINFORCEMENT		MIDSPAN REINFORCEMENT		STIRRUPS	
		TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
TB1	250x400	4-20ØT	3-20ØT	3-20ØT	4-20ØT	8ØT-2L @ 125 C/C	8ØT-2L @ 200 C/C
B1	250x450	3-20ØT	3-20ØT	3-20ØT	3-20ØT	8ØT-2L @ 100 C/C	8ØT-2L @ 200 C/C
B2	250x450	3-20ØT	3-20ØT	3-20ØT	3-20ØT	8ØT-2L @ 100 C/C	8ØT-2L @ 200 C/C

SCHEDULE OF FOUNDATION BEAM AND SLAB

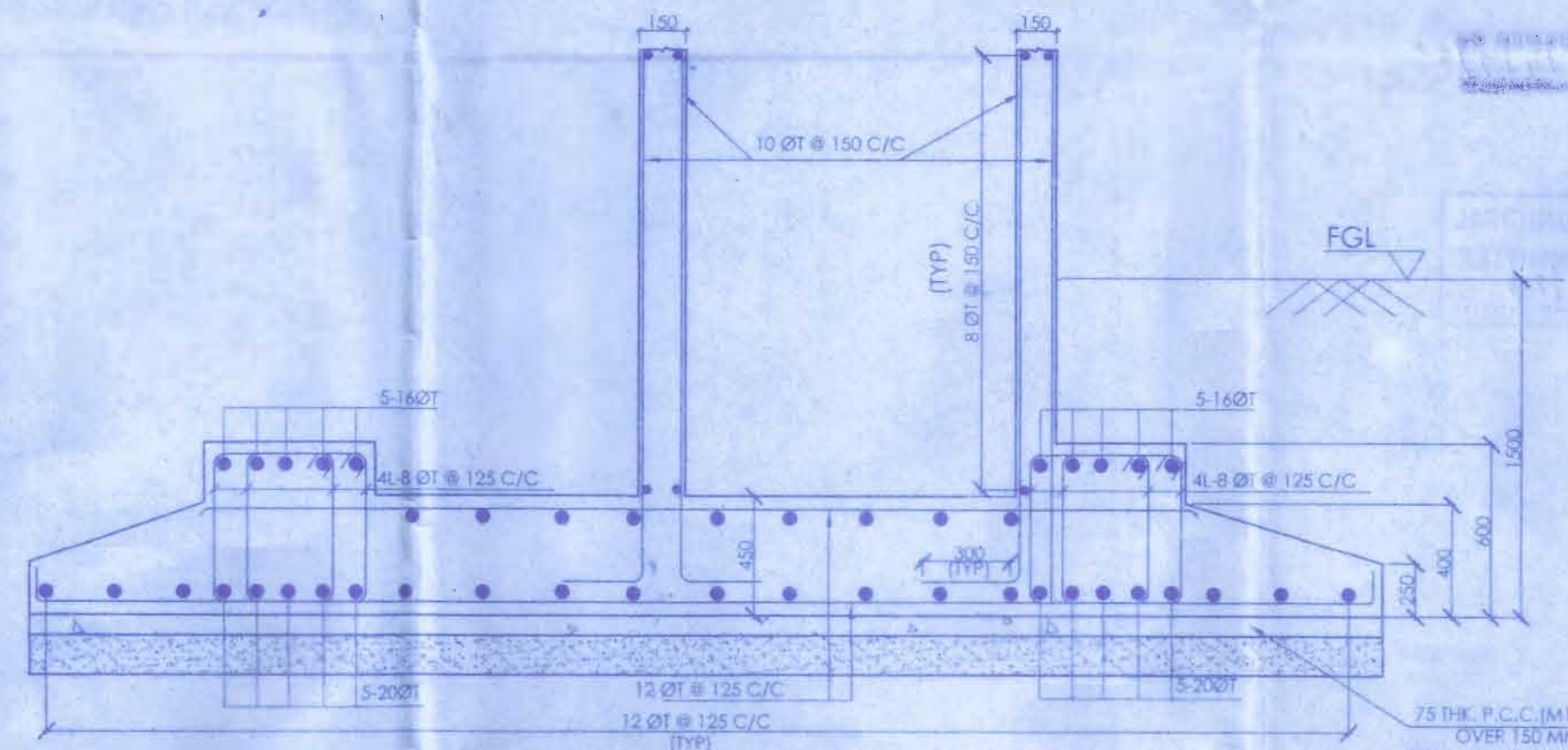
FDN MKD.	BEAM SIZE		RNF. OF BEAM		STIRRUPS	FDN. WIDTH	SLAB DEPTH				RNF. OF SLAB	
	b	d	(TOP)	(BOTTOM)			d1	d2	AS1 (BOT. MAIN)	AS2 (DIST.)		
FB1	500	600	5-16ØT	5-20ØT	4L-8ØT @ 125 C/C	2500	250	400	12ØT @ 125 C/C	12ØT @ 125 C/C		



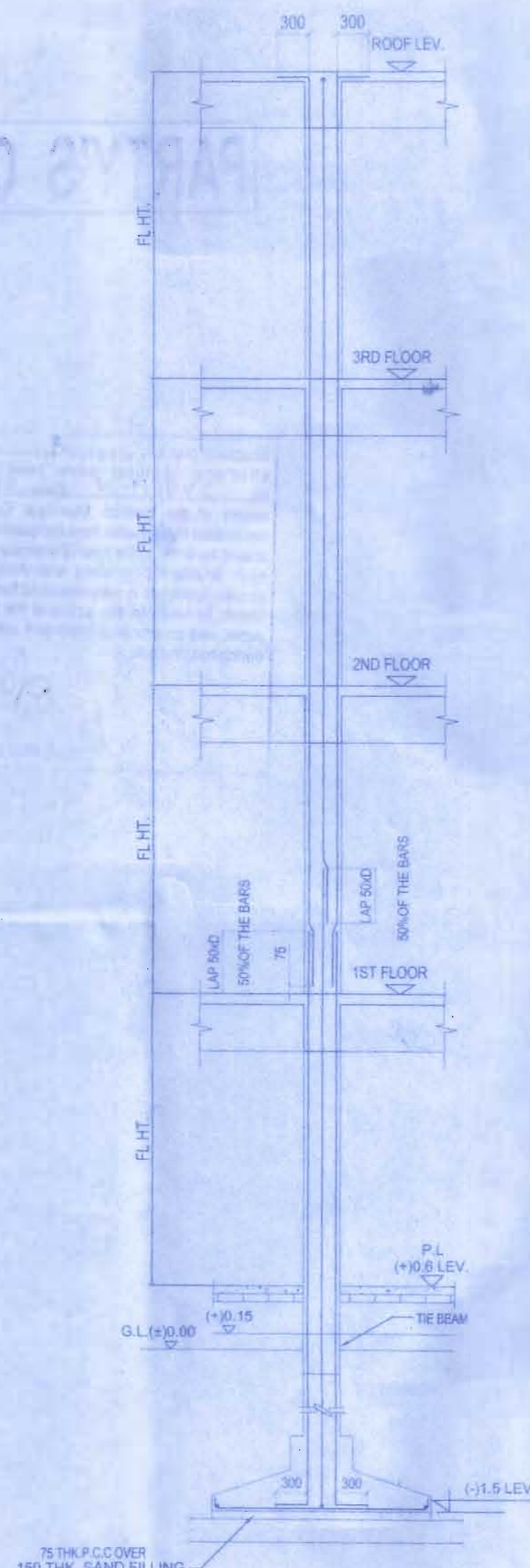
BEAM B1 (250 X 450)



TYPICAL CROSS SECTION OF STRIP FOOTING



C/S OF LIFT AT A-A



TYP. DETAIL OF COLUMN

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED
2. WRITTEN DIMENSIONS TO BE FOLLOWED
3. ANY AMBIGUITY IN THE DRAWING SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT
4. THIS DRAWING IS TO BE READ ALONG WITH THE RELEVANT ARCHITECTURAL DRAWING
5. GRADE OF CONC. SHALL BE M20 AND GRADE OF STEEL IS ASSUMED AS Fe415
6. ALL DISTRIBUTION BARS ARE 8ØT @ 225 C/C AND TO BE PROVIDED WHEREVER REQUIRED
7. ALL CHAIRS ARE 10ØT AND TO BE PROVIDED WHEREVER REQUIRED
8. ALL SPACER BARS ARE 25ØT @ 300 C/C T AND TO BE PROVIDED WHEREVER REQUIRED
9. CLEAR COVER FOR TIE AND SUPER STRUCTURE BEAMS ARE 25 mm, FOR SLABS 15 mm AND FOR COL. 40mm
10. LAP LENGTH FOR REINFORCEMENT BARS IN FOUNDATIONS SHALL CONFORM TO CLAUSE 26.25.1 OF IS:456-2000
11. LAP LENGTH FOR COLUMN IS 50 TIMES THE DIA OF BAR

CERTIFICATE OF STRUCTURAL ENGINEER

THE STRUCTURAL DESIGNS AND DRAWINGS OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD, AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

BAISHAKHI MUKHERJEE
Structural Engineer (B.E., CIVIL, C.U.)
Enrollment No. IV (Class-I), HMC
Member of Institution of Engineers
Chartered Engineer Reg. No. AM/04041909
Ph. No. 9830187298 (M)
SIGNATURE OF STRUCTURAL ENGINEER

CERTIFICATE OF ARCHITECT

I CERTIFY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF THE KOLKATA MUNICIPAL CORPORATION BUILDING RULES 2009 AS AMENDED FROM TIME TO TIME. THE SITE CONDITION INCLUDING THE WIDTH OF THE ADJUTING HOWRAH MUNICIPALITY ROAD OF 3.7 M (AVERAGE R.O.W.) ON SOUTH HAS BEEN CONFIRMED WITH THE PLAN. IT IS A BUILDABLE SITE, NOT A TANK OR FILLED UP TANK. SITE MEASUREMENT IS AS PER REGISTERED BOUNDARY DECLARATION.

SOUJATA DHARA
Architect
Regn. No. - CA/2011/51739
HMC Regn. No. - 70
SIGNATURE OF ARCHITECT

SIGNATURE OF APPLICANT

I / WE DO HEREBY DECLARE THAT I / WE SHALL ARRANGE THE TREE COVER AS SHOWN IN THE DRAWING WHICH IS RAISED AND MAINTAINED BY ME AT MY OWN COST.

SHREE SALASAR BUILDCC
Partner
SIGNATURE OF APPLICANT

TITLE :

STRUCTURAL DRAWING (BLOCK-A)

PROPOSED G+3 RESIDENTIAL COMPLEX AT HOLDING NO 3/2/2 BAJE SHIBPUR 2ND BY LANE, L.R. DAG NO- 19 (R.S.-23), 21 (R.S.- 26), 18 (R.S.- 22), L.R. KHATAN NO-768, 885, 886, 887, 884, 804, 891, 892, 893, SHEET NO-67, MOUZA - SHIBPUR, J.L. NO - 1, P.S. - SHIBPUR, DIST - HOWRAH, WARD NO - 32, BOROUGH - 5, PIN - 711102, UNDER H.M.C

DWG. NO. - SANC/R.C. CHATTERJEE/STRUC-01/R0

REVISION OF - R1 @ 10.05.18

DATE - 22.03.23

DRAWN BY -

CHECKED BY - S.D

consulting architect

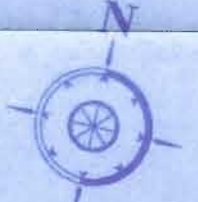
SCALE- 1:100

ALL THE DIMENSIONS ARE IN MM

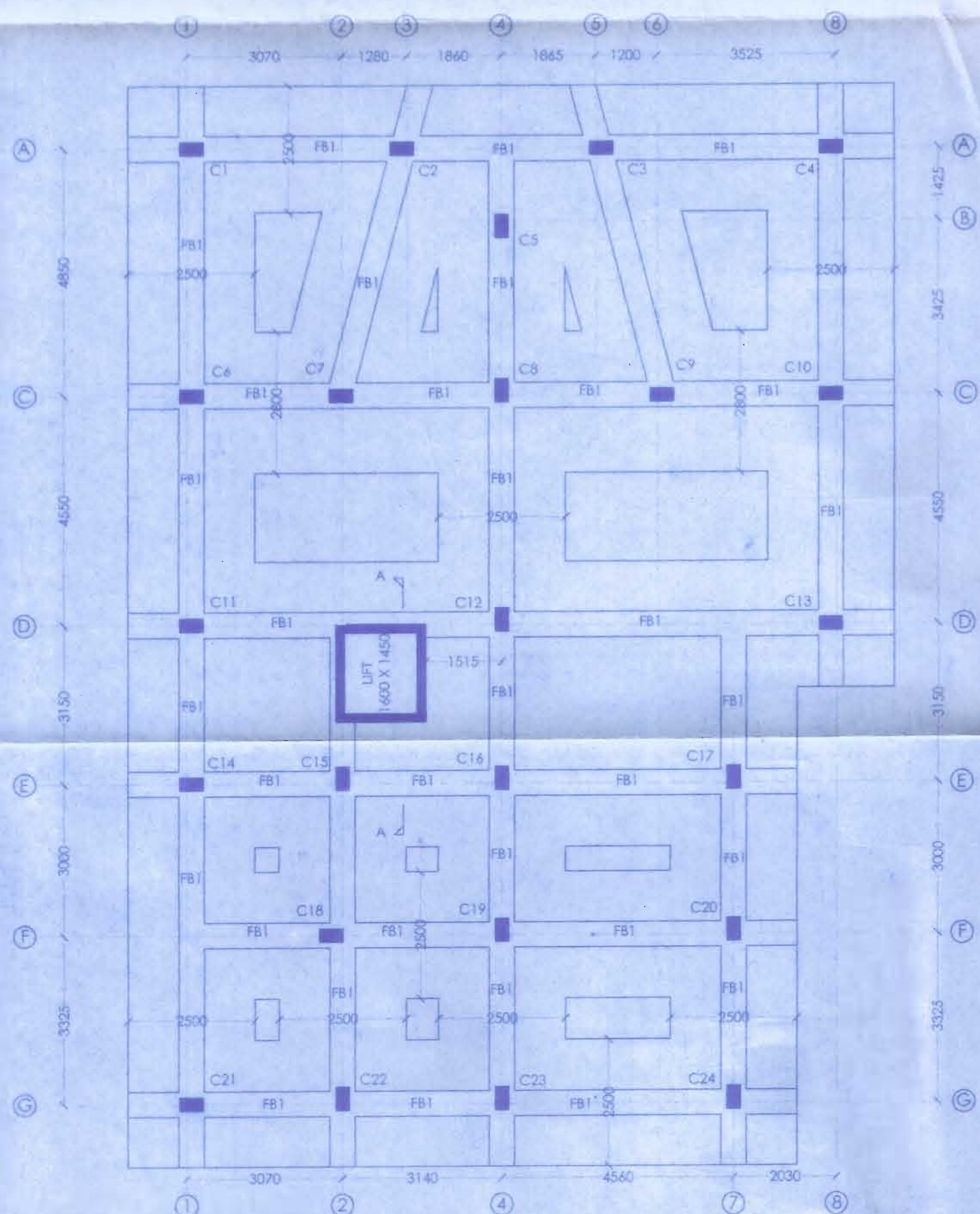
SHEET - 7/7

Dform
Architecture, planning, interior, engineering

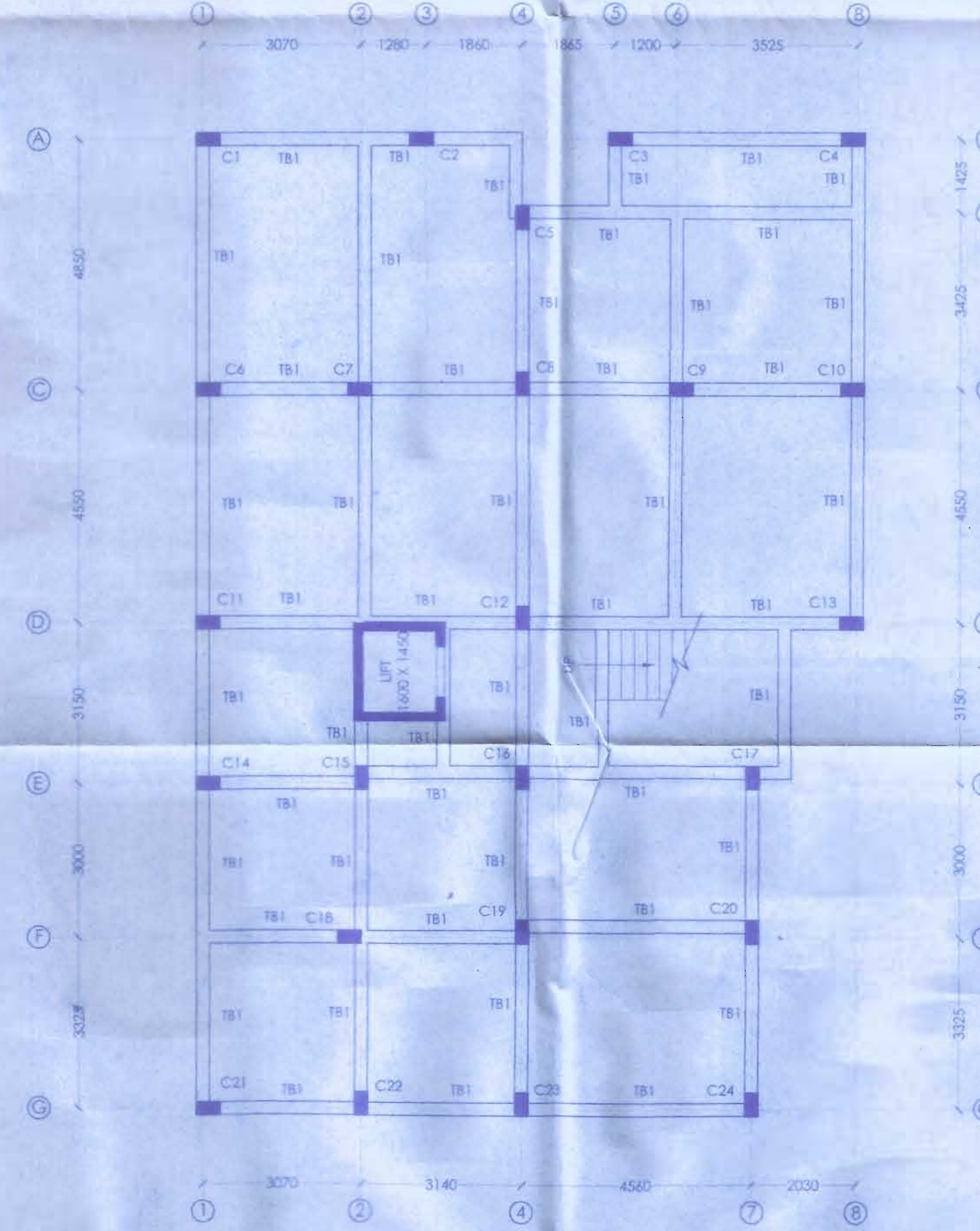
City Office:
AB-83, Saltlake city
Kolkata-700 064
033 40061113



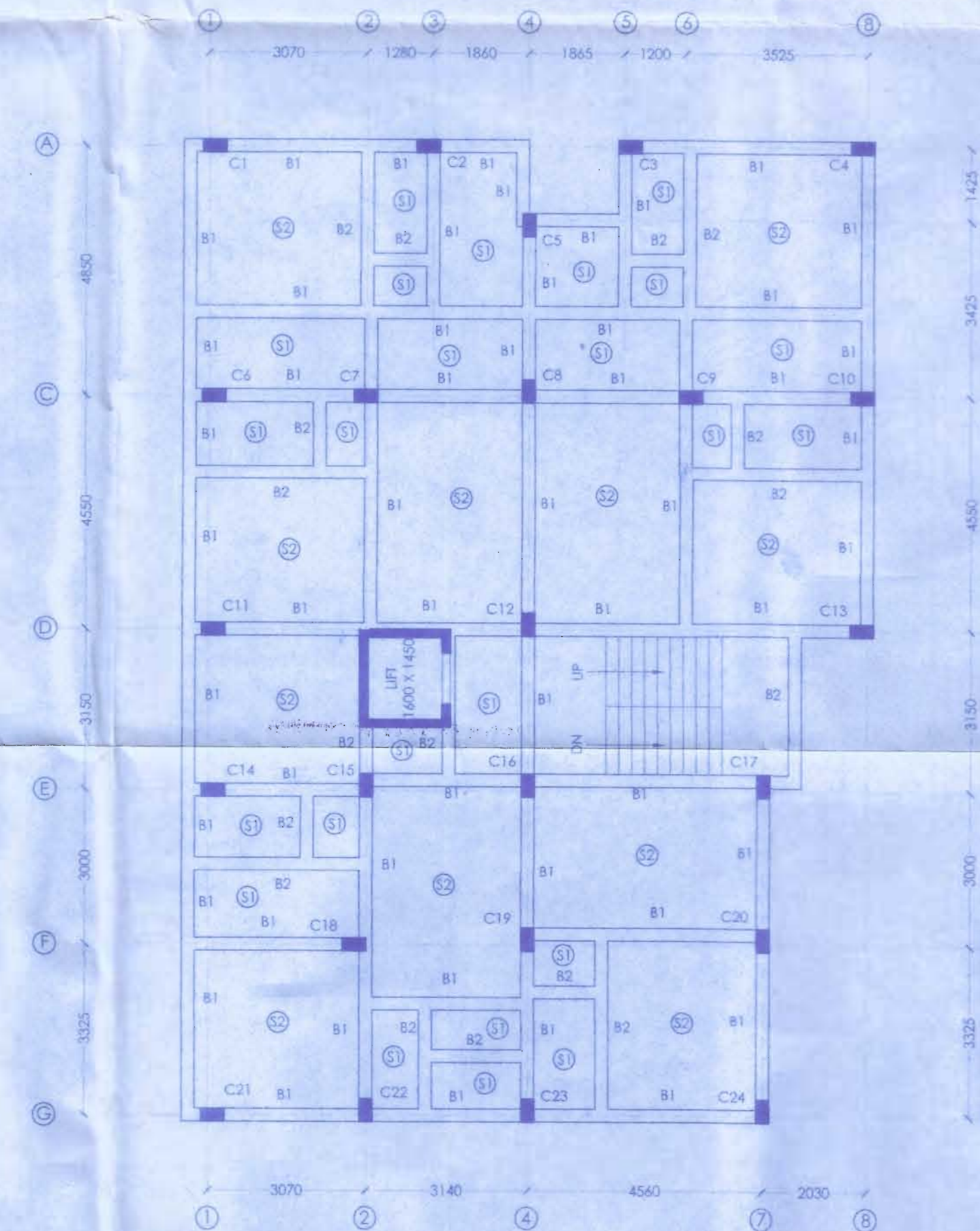
THIS DRAWING IS THE SOLE PROPERTY OF D-FORM. ITS USE FOR ANY PURPOSE OTHER THAN THAT MENTIONED IS TO BE DONE ONLY AFTER PRIOR APPROVAL.



FOUNDATION LAYOUT PLAN



TIE BEAM LAYOUT PLAN



TYPICAL FLOOR BEAM LAYOUT PLAN

PARTY'S COPY

Structural plan and design calculations submitted by the structural engineer have been kept with B.P. No. 24/11/23 Date 28/1/23 for record of the Howrah Municipal Corporation without verification. No deviation from the submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation of stability certificate in the prescribed form, necessary steps should be taken for the safety of the adjoining premises, public and private properties and safety of human life during construction.

[Signature]
Engineer
Howrah Municipal Corporation

APPROVED AS PER ORDER OF
COMMISSIONER 24/1/23

PLACED IN MUNICIPAL
BUILDING COMMITTEE
DATED 28/1/23