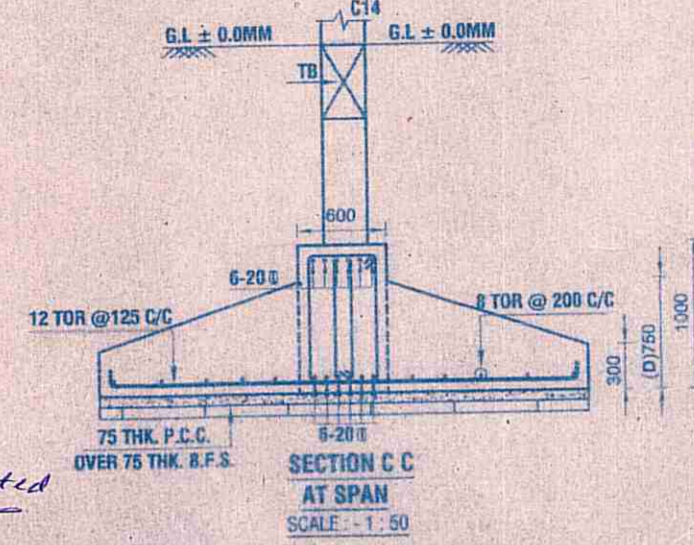
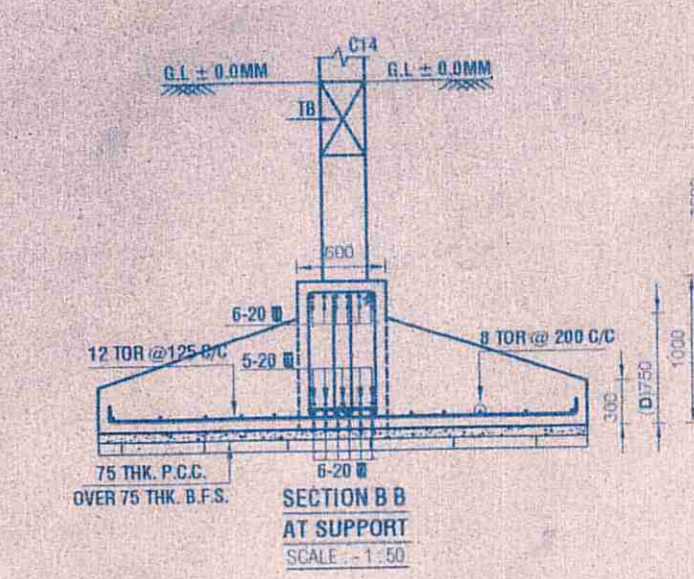
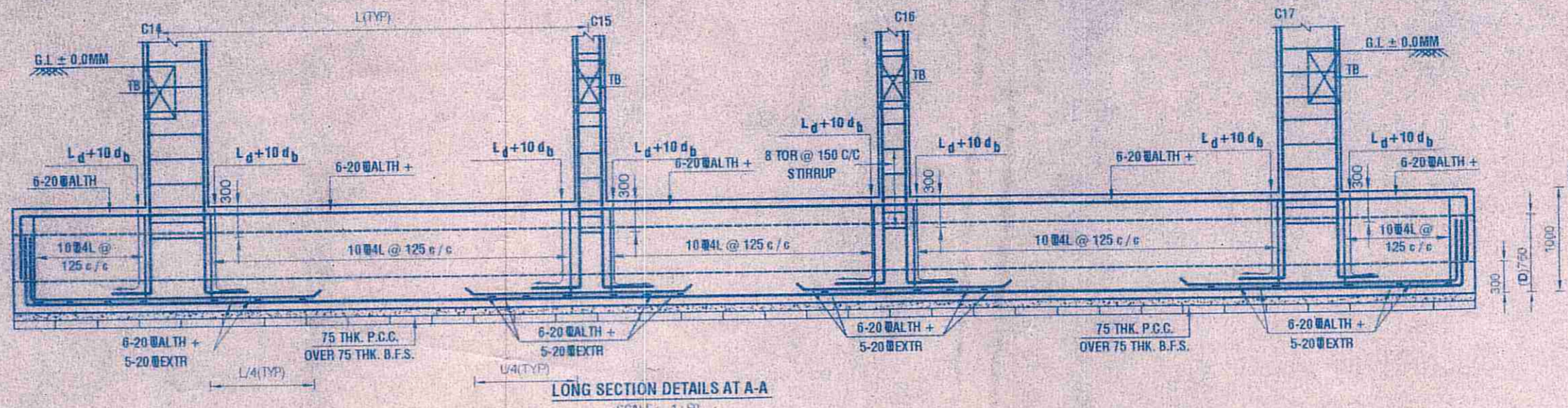
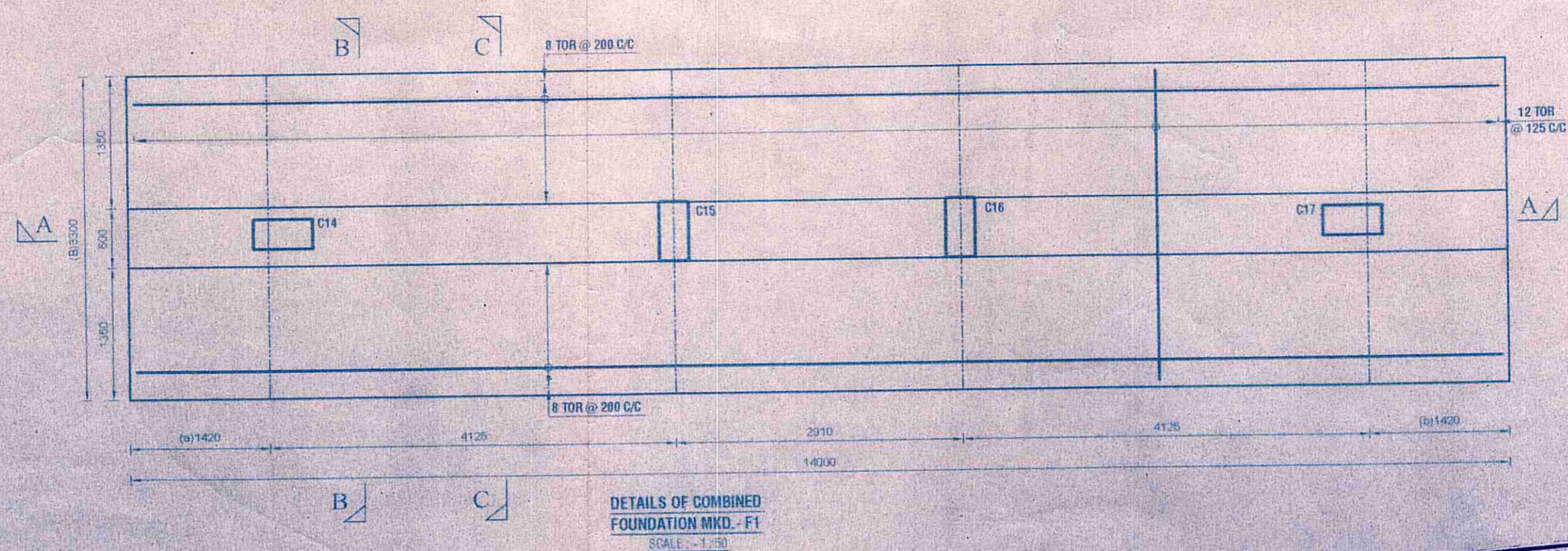


FDL MKD.	UNDER COLUMN	SIZE OF FDN.	SLAB DIMENSIONS				INVERTED RIG BEAM				FOOTING			
			(a) M	(b) M	(B) M	(D) M	BEAM SIZE	LONG REIN. AT SUPP. SPAN		LONG REIN. AT MID. SPAN		STIRRUP	TRANSVERSE REINFORCEMENT	LONG REINFORCEMENT
								TOP	BOTTOM	TOP	BOTTOM			
F1	C10+C11+C12+C13 & C14+C15+C16+C17	3300 X 14000	1.420 AT C10 & C14	1.420 AT C13 & C17	3.30	750 X 300	6-20 $\bar{\parallel}$	6-20 $\bar{\parallel}$ + 5-20 $\bar{\parallel}$	6-20 $\bar{\parallel}$	6-20 $\bar{\parallel}$	10 $\bar{\parallel}$ 4L @ 125 c/c	12 $\bar{\parallel}$ @ 125 c/c	8 $\bar{\parallel}$ @ 200 c/c	
F2	C22+C23+C24 + C25 + C26	2700 X 14000	1.420 AT C22	1.420 AT C26	2.70	600 X 300	5-20 $\bar{\parallel}$	5-20 $\bar{\parallel}$ + 4-20 $\bar{\parallel}$	5-20 $\bar{\parallel}$	5-20 $\bar{\parallel}$	10 $\bar{\parallel}$ 4L @ 125 c/c	10 $\bar{\parallel}$ @ 175 c/c	8 $\bar{\parallel}$ @ 200 c/c	
F3	C18+C19+C20+C21	2600 X 14000	1.420 AT C18	1.420 AT C21	2.60	600 X 300	5-16 $\bar{\parallel}$	5-16 $\bar{\parallel}$ + 4-16 $\bar{\parallel}$	5-10 $\bar{\parallel}$	5-16 $\bar{\parallel}$	10 $\bar{\parallel}$ 4L @ 125 c/c	10 $\bar{\parallel}$ @ 175 c/c	8 $\bar{\parallel}$ @ 200 c/c	
F4	C1+C2+C3+C4 + C5	2500 X 14000	1.420 AT C1	1.420 AT C5	2.50	300 X 1000	6-16 $\bar{\parallel}$	6-16 $\bar{\parallel}$ + 5-16 $\bar{\parallel}$	6-16 $\bar{\parallel}$	6-16 $\bar{\parallel}$	10 $\bar{\parallel}$ 4L @ 125 c/c	10 $\bar{\parallel}$ @ 175 c/c	8 $\bar{\parallel}$ @ 200 c/c	
F5	C6+C7+C8+C9	2200 X 14000	1.420 AT C6	1.420 AT C9	2.20	450 X 200	5-16 $\bar{\parallel}$	5-16 $\bar{\parallel}$ + 4-16 $\bar{\parallel}$	5-16 $\bar{\parallel}$	5-16 $\bar{\parallel}$	10 $\bar{\parallel}$ 4L @ 125 c/c	10 $\bar{\parallel}$ @ 175 c/c	8 $\bar{\parallel}$ @ 200 c/c	



Structural Safety should be Assured by the Party

Structural Safety should be Assured by the Party



PLAN No.
APN.
Date:

Checked & verified
27/10/17
Dr. Supriya Pal
Assistant Professor
Department of Civil Engineering
National Institute of Technology Durgapur
Durgapur, W.B., India

DR. PRONAB ROY
Assistant Professor
Department of Civil Engineering
National Institute of Technology Durgapur
Durgapur - 713209, W.B., India

APPROVED VIDE LETTER NO. G.C.I.T.A./WB(DSD)/Building/100/PRE(BL-1073)/19-20/009
DATED: 30.05.2019

- SPECIFICATIONS**
- DEPTH OF FOUNDATION IS AT 2.50 M. BELOW EXISTING G.L.
 - SAFE BEARING CAPACITY OF SOIL IS AS PER SOIL TEST REPORT
 - GRADE OF CONCRETE IS M-25 AND GRADE OF STEEL IS Fe-500.
 - CLEAR COVER TO MAIN REINFORCEMENT IS AS PER BELOW -
a) FOUNDATION - 75 MM
b) COLUMN - 40 MM
c) BEAM - 25 MM
d) SLAB - 15 MM
 - ALL SLABS MUST BE MONOLITHIC WITH SFT-FORM IN BEAM
 - ALL OTHER SPECIFICATIONS AS PER NATIONAL BUILDING CODE OF INDIA

THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C. OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT.

TUSHAR BARAN PAHARI
M.E. (STRUCTURE), MGS,
E.S.E. NO-1148
CHARTERED ENGINEER,
P-48C ARCADIA EXTENSION, BEHALA,
KOLKATA-700 034, (M) - 933169 9204
SIC OF STRUCTURAL ENGINEER

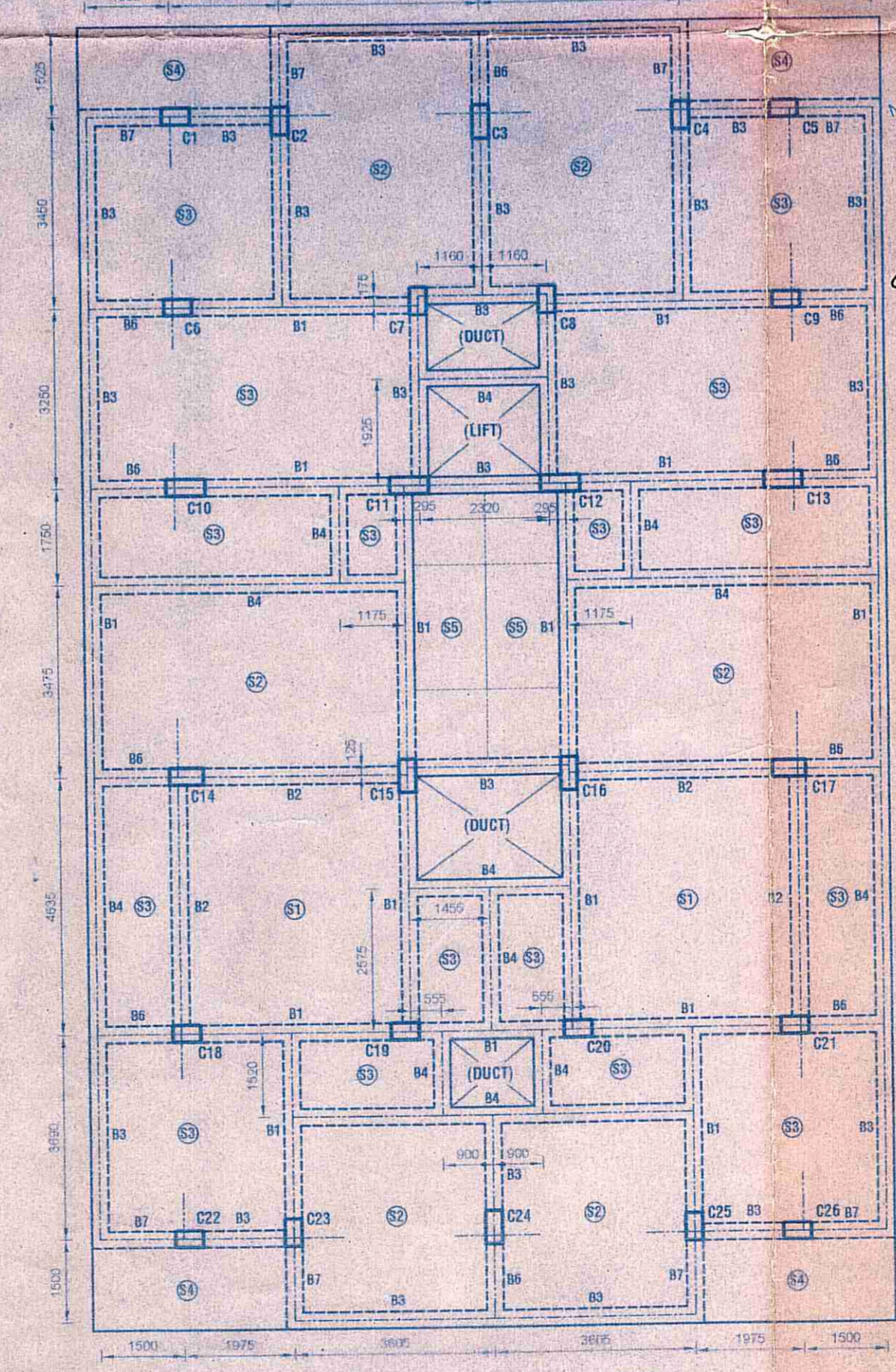
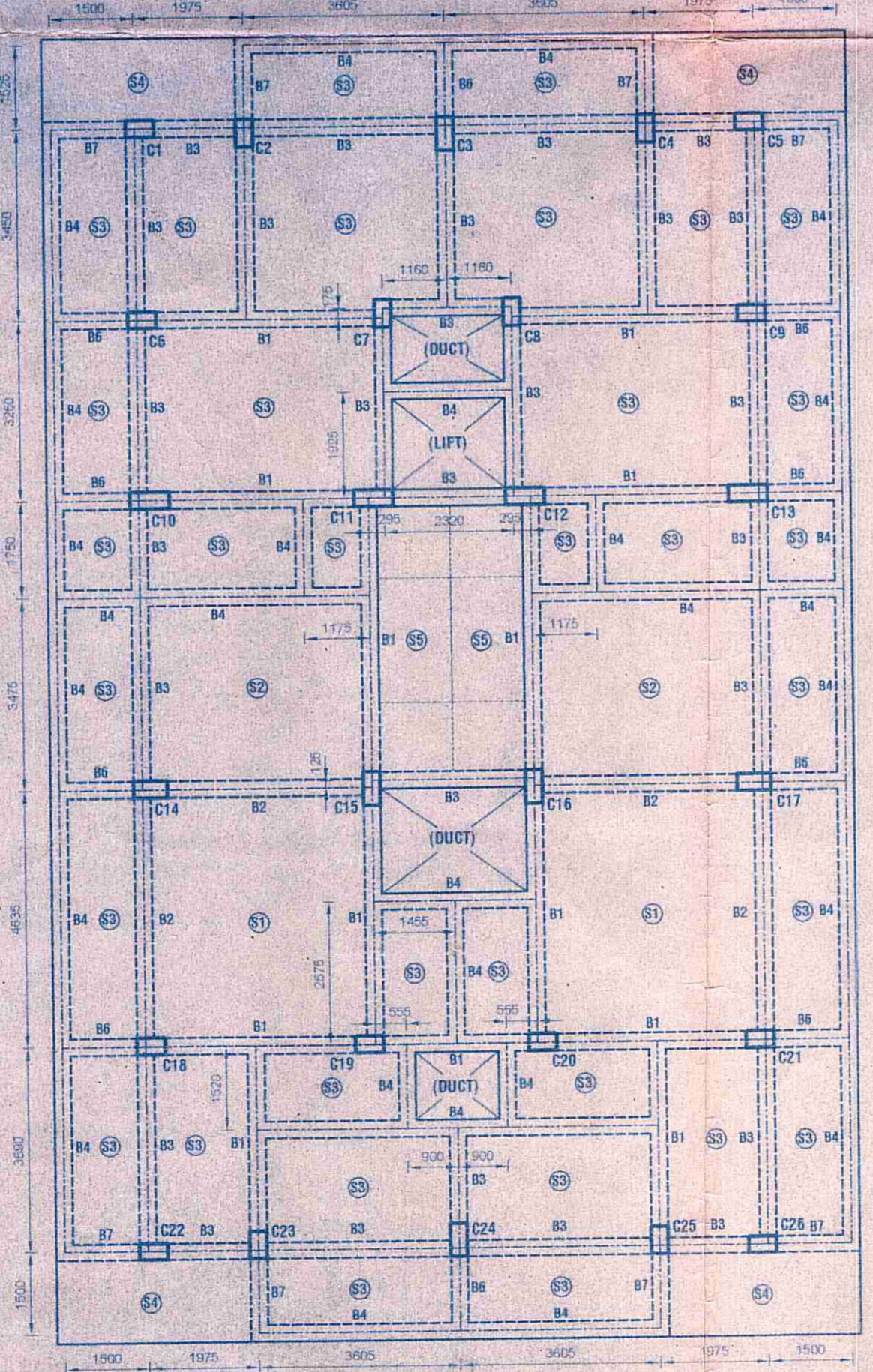
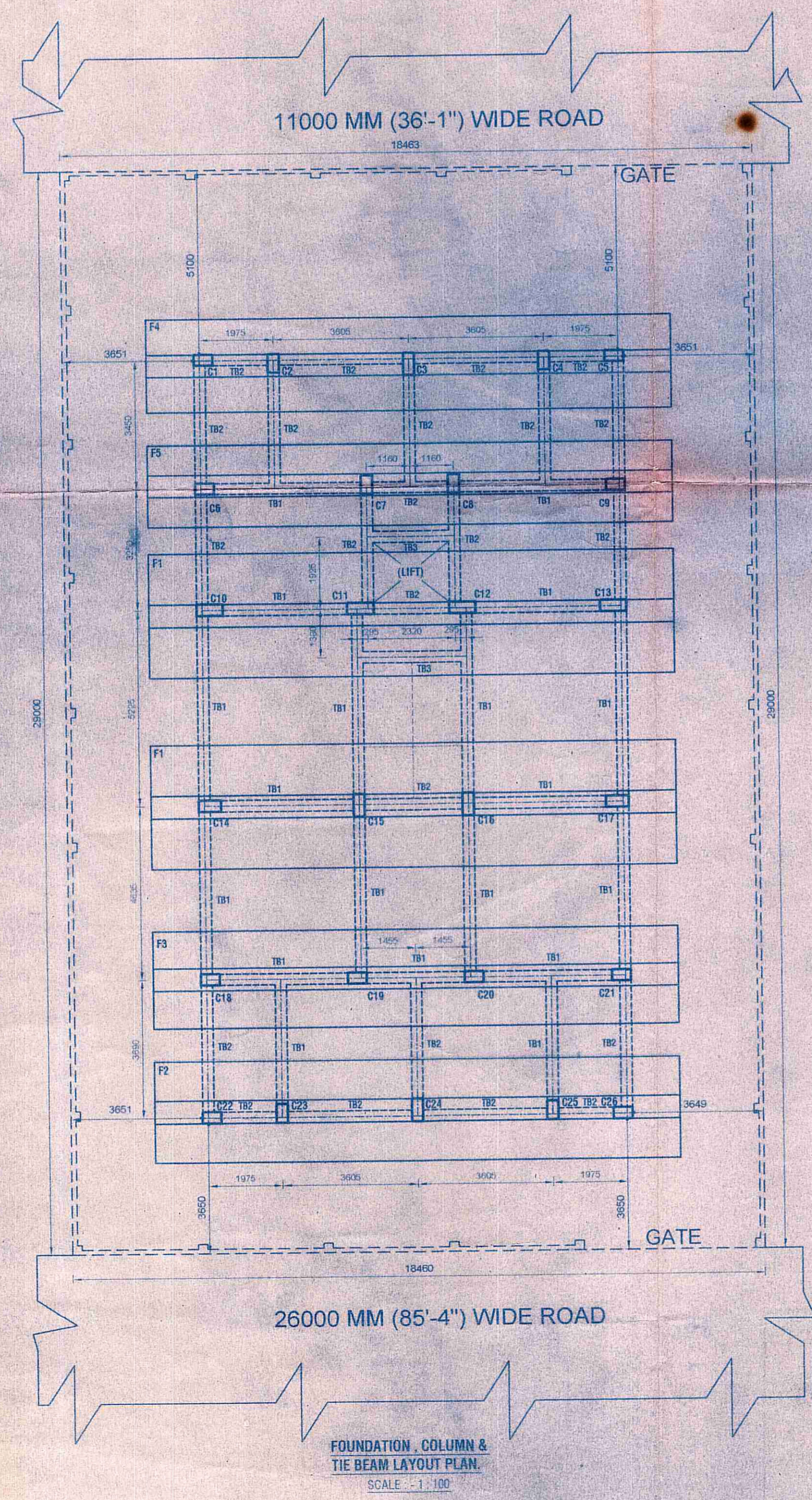
Signature of L.B. ARCHITECT
26.10.17

Signature of OWNER
Chandan Pobi
28.10.17

STRUCTURAL DRAWING OF A PROPOSED SIX (G+5) STORIED RESIDENTIAL APARTMENT OF PADMA REAL ESTATE, OVER L.R PLOT NO- 6019,6020, 6042,6044, ELA PLOT NO - B-93, OF MOUZA - DAKSHINKHANDA, J.L. NO-36, L.R KHATIAN NO - 3993, P.S - ANDAL, DIST - BURDWAN.

CREATIVE STATICAL CONCERN
CIVIL ENGG. CONSULTANT & CONTRACTOR
P-48C ARCADIA EXTENSION, BEHALA,
KOLKATA-700 034, (M) - 933169 9204
DATE:

SHEET NO- 1 OF 2



Structural Safety should be Assured by the Party