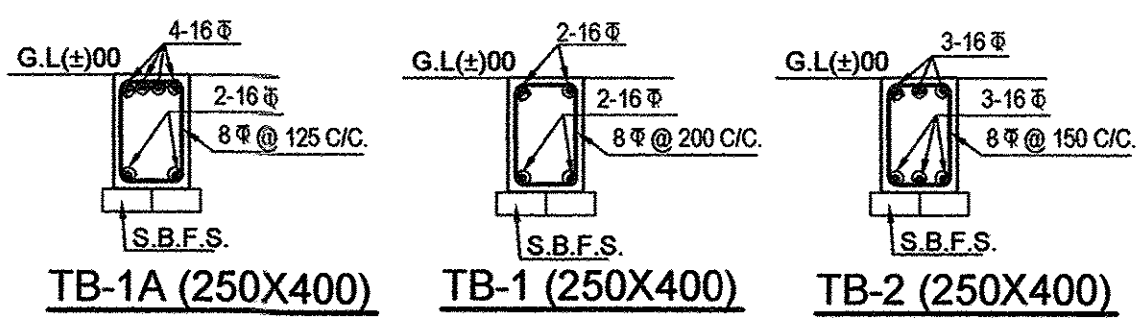


SCHEDULE OF COLUMN (M-25 GRADE)				
COLUMN MARKED	COL. SIZE	FDN TO 1ST. FLOOR	1ST. FLOOR TO ROOF	LINKS 8# 4L@
C1,C2,C3,C4,C8,C15,C18,C19,C22,C23,C24	250X500	4-20# + 4-16#	8-16#	150/200 C/C
C5,C7,C9,C11,C13,C14,C17,C20,C21	250X500	8-20#	4-20# + 4-16#	150/200 C/C
C6,C10,C12,C16	250X500	10-20#	4-20# + 6-16#	150/200 C/C

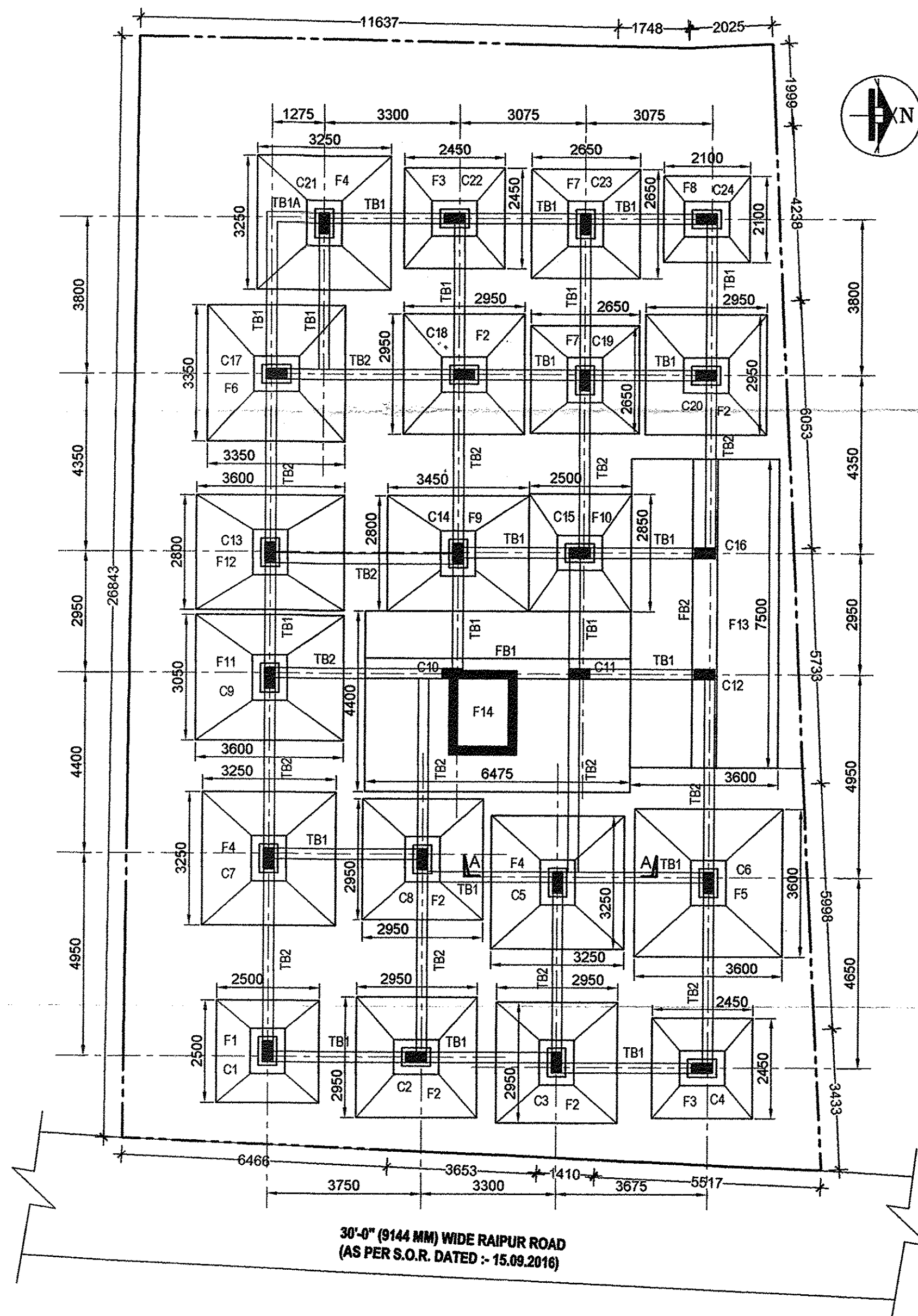
SCHEDULE OF FOUNDATION					
FDN. MKD.	FDN. SIZE	FDN. SLAB THICKNESS	LONGER DIRECTION	SHORTER DIRECTION	REINFORCEMENT
F1	2500X2500	200 TO 350	16# @ 150 C/C.	16# @ 150 C/C.	
F2	2950X2950	200 TO 400	16# @ 150 C/C.	16# @ 150 C/C.	
F3	2450X2450	200 TO 350	16# @ 150 C/C.	16# @ 150 C/C.	
F4	3250X3250	200 TO 400	16# @ 150 C/C.	16# @ 150 C/C.	
F5	3600X3600	250 TO 450	16# @ 125 C/C.	16# @ 125 C/C.	
F6	3350X3350	250 TO 450	16# @ 150 C/C.	16# @ 150 C/C.	
F7	2650X2650	200 TO 350	16# @ 150 C/C.	16# @ 150 C/C.	
F8	2100X2100	200 TO 350	12# @ 125 C/C.	12# @ 125 C/C.	
F9	2800X3450	200 TO 400	16# @ 150 C/C.	16# @ 150 C/C.	
F10	2500X2850	200 TO 400	16# @ 125 C/C.	16# @ 150 C/C.	
F11	3050X3600	250 TO 400	16# @ 125 C/C.	16# @ 150 C/C.	
F12	3600X2800	250 TO 400	16# @ 125 C/C.	16# @ 150 C/C.	
F13	3600X7500	250 TO 450	16# @ 100 C/C.	16# @ 150 C/C.	
F14	6475X4400	350	16# @ 125 C/C.(BOTTL.) 12# @ 150 C/C.(TOP)	16# @ 125 C/C.(BOTTL.) 12# @ 150 C/C.(TOP)	

SCHEDULE OF SLAB				
SLAB MARKED	SLAB THICKNESS	SLAB REINFORCEMENT SHORTER DIR.	LONGER DIR.	EXTRA TOP
S1	110	8# @ 175 C/C.	8# @ 175 C/C.	8# @ 150 C/C.
S2	110	8# @ 125 C/C.	8# @ 150 C/C.	8# @ 125 C/C.
S3	125	8# @ 125 C/C.	8# @ 125 C/C.	8# @ 125 C/C.

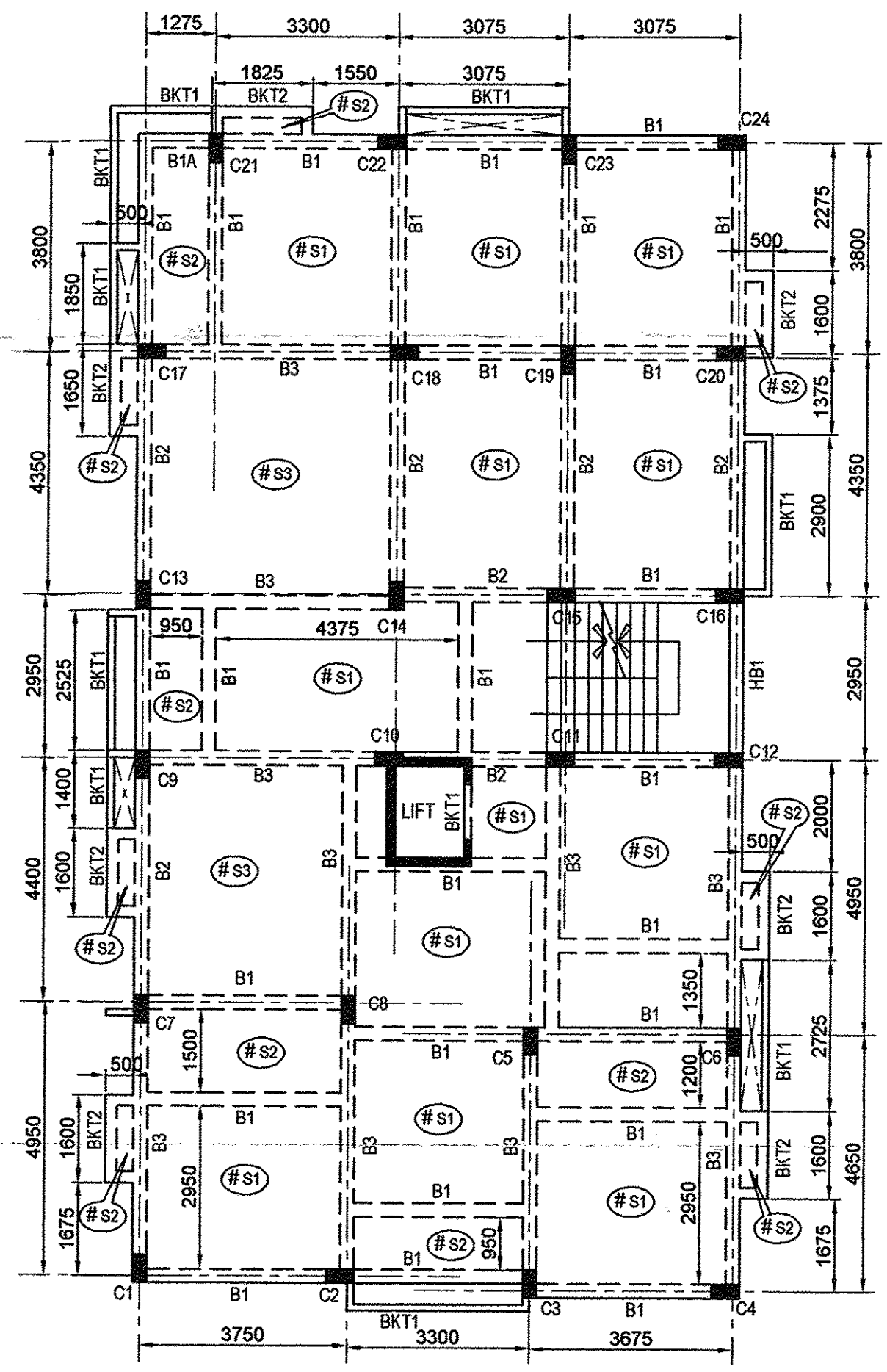
SCHEDULE OF FLOOR BEAM						
BEAM MARKED	BEAM SIZE	LONGITUDINAL REINFORCEMENT				STIRRUPS
		SUPPORT		SPAN		
		TOP	BOTTOM	TOP	BOTTOM	
B-1	250X400	2-12# + 2-16#	2-16#	2-12#	2-16# + 2-16#	8# @ 150/180 C/C.
B-1A	250X400	2-12# + 2-16#	2-16#	2-12#	2-16# + 2-16#	8# @ 125 C/C.
B-2	250X400	2-16# + 2-16#	2-16#	2-16#	2-16# + 2-16#	8# @ 150/180 C/C.
B-3	250X400	3-16# + 2-16#	3-16#	3-16#	3-16# + 2-16#	8# @ 125/150 C/C.
HB1	250X400	2-12# + 2-16#	2-16#	2-12#	2-16# + 2-16#	8# @ 150/180 C/C.
BKT1	125X400	2-12#	2-12#	2-12#	2-12#	6# @ 150 C/C.
BKT2	200X400	2-16#	2-16#	2-16#	2-16#	8# @ 150 C/C.
FB1	500X650	8-16#	8-16#	8-16#	8-16#	4L-10# @ 200 C/C.
FB2	600X650	8-20#	8-20#	8-20#	8-20#	4L-10# @ 200 C/C.



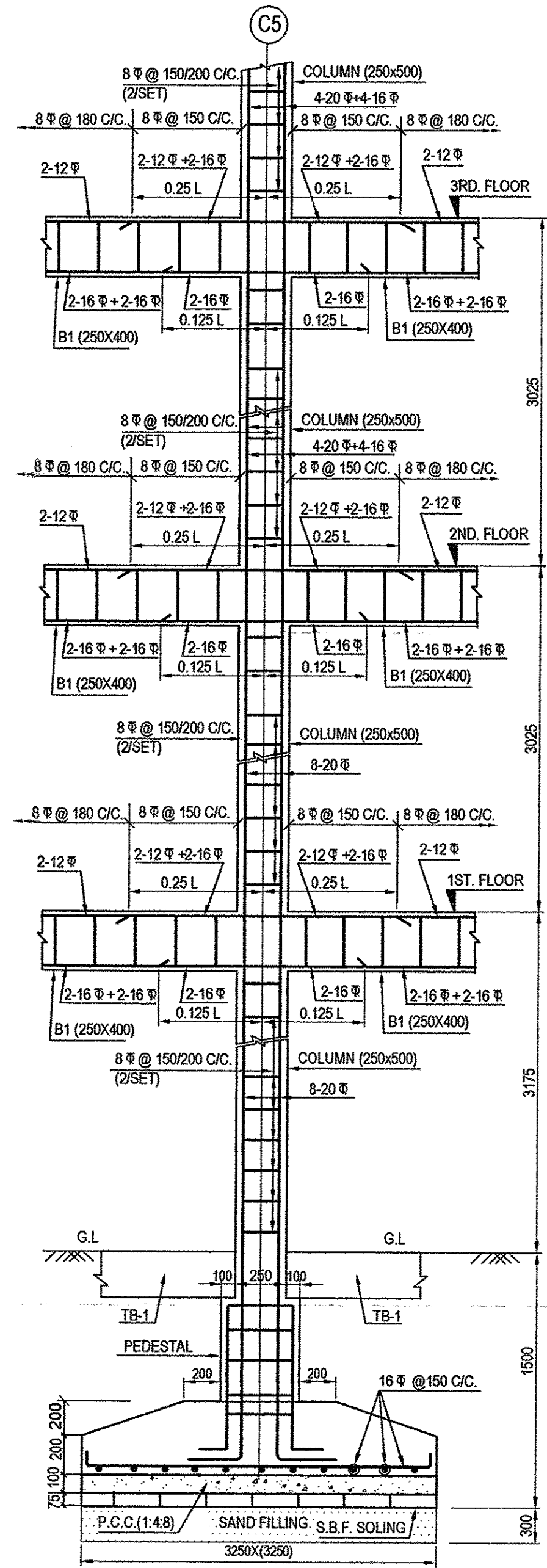
**NOTES:**  
 1. ALL DIMENSIONS ARE IN M.M.  
 2. CONCRETE TO BE M-25 GRADE FOR COLUMN & M-20 FOR OTHERS CONCRETE.  
 3. LEAN CONCRETE TO BE OF PROPORTION 1:4:8.  
 4. CLEAR COVER FOR REINFORCEMENT AS FOLLOWS  
 A) FOUNDATION= 40 mm.  
 B) COLUMN= 40mm. TO MAIN BAR  
 C) BEAM= 25 mm TO MAIN BAR  
 D) SLAB= 20 mm.  
 5. MINIMUM LAP LENGTH FOR REINFORCEMENT TO BE 50 TIMES DIAMETER OF BAR.



**FOUNDATION LAYOUT PLAN**  
SCALE: 1:100



**TYPICAL FLOOR BEAM LAYOUT PLAN**  
SCALE: 1:100



**SECTION-AA**  
**FOUNDATION TYPE-F4**  
SCALE: 1:25

**STATEMENT OF THE PLAN PROPOSAL**

1. ASSESSE NO: 210960701306  
 2. DETAIL OF REGISTERED DEED(1).  
 BOOK NO: 1, VOL. NO: 71, PAGE NO: 194 TO 206,  
 BEING NO: 1501, DATED: 03.10.1977  
 PLACE: REGISTRAR OF ASSURANCE, CALCUTTA  
 3. DETAIL OF REGISTERED POWER OF ATTORNEY  
 WJOLGOLGA, NEW SOUTH WALES, 2450 AUSTRALIA  
 DATED: 08.09.2017  
 4. DETAIL OF REGISTERED BOUNDARY DECLARATION  
 BOOK NO: 1, VOL. NO: 1605-2016, PAGE NO: 95910 TO 95921,  
 BEING NO: 160503562, DATED: 25.05.2016,  
 PLACE: A.D.S.R., ALIPORE  
 5. AREA OF LAND  
 a) AS PER TITLE DEED(06K-09CH-33SFT) = 442.028 SQM.  
 b) AS PER BOUNDARY DECLARATION = 6K - 08CH - 43.295FT = 438.804 SQM

**CERTIFICATE OF STRUCTURAL ENGINEER**

THE STRUCTURAL DESIGN OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAVE BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C OF INDIA AND BASIS OF SOIL INVESTIGATION REPORT BY ACUMEN GEO CONSULTANTS, (DR SANTOSH KUMAR CHAKRABORTY) 2F, NABA ROY LANE, ALIPORE, KOLKATA - 700 027, CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT.

*S. K. Chakraborty*  
**DR. SANTOSH KUMAR CHAKRABORTY**  
 B.C.E. ME. (SOIL, ROORKEE)  
 P.H.D (Foundation Engineering)  
 I.S.T.R.I.G.S. I.S.M.F.E (London)  
 The Kolkata Municipal Corporation  
 License no. GT/11/1  
 Consulting Geotechnical Engineer  
**DR. SANTOSH KUMAR CHAKRABORTY**  
 B.C.E. ME. (SOIL, ROORKEE),  
 P.H.D (FOUNDATION ENGINEER)  
 G.T.E. - 16(I)

*J. D. Mukherjee*  
**JOYDEEP MUKHERJEE**  
 B.E. (CIVIL), E.S.E. - 178(I)

SIG. OF GEO-TECHNICAL ENGINEER      SIG. OF STRUCTURAL ENGINEER

**DECLARATION OF ARCHITECT.**

CERTIFIED THAT THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULES 2009, AS AMENDED FROM TIME TO TIME AND THE SITE CONDITION INCLUDING THE ABUTTING ROAD IS CONFORM WITH THE PLAN. IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK. THERE IS AN EX STRUC. TO BE DEMOLISHED BEFORE COMMENCEMENT OF WORK IT IS FULLY OCCUPIED BY THE OWNER. THERE IS NO TENENT.

*Arjun Pal*  
**ARJUN PAL (B.ARCH)**  
 Registered Architect  
 Regn No - CA/2010/47578  
 SIG. OF ARCHITECT.

I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT, I SHALL ENGAGE L.B.A & E.S.E DURING CONSTRUCTION. I SHALL FOLLOW THE INSTRUCTION OF L.B.A & E.S.E DURING CONSTRUCTION OF THE BUILDING (AS PER PLAN) K.M.C AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURE IF ANY SUBMITTED DOCUMENT ARE FAKE. THE K.M.C AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF S.U.G.W.R. & SEPTIC TANK TAKEN UNDER THE GUIDANCE OF L.B.A/E.S.E BEFORE STARTING OF BUILDING FOUNDATION.

*Sri Debabrata Sarkar*  
**SRI DEBABRATA SARKAR**  
 DIRECTOR OF  
 M/S. DEBABRATA PROPERTIES PVT LTD  
 CONSTITUTED ATTORNEY OF  
 SRI. BIMAL RANJAN AICH ROY  
 LESSOR  
 SIGNATURE OF LESSEE

**FOUNDATION LAYOUT PLAN, SCHEDULE OF TIE BEAM, FLOOR BEAM, FLOOR SLAB, FLOOR FRAMING PLAN, COLUMN DETAIL & SECTION-AA**

**PROJECT:**  
 PROPOSED G+V STORIED (HT.-15.275MT.) RESIDENTIAL BUILDING  
 U/S 393 A OF K.M.C. ACT 1980 & K.M.C. BUILDING RULE 2009 AT-  
**176/14/119, RAIPUR ROAD.**  
 WARD NO.- 96, BOROUGH NO.- X, P.S. - JADAVPUR, KOLKATA - 700 032.

JOB NO.	DRG. NO.	DATE	DEALT
1	STRUCORP-01	22.01.2019	NIKHIL

**syn tech engg pvt. ltd.**  
 (redefining synergy technologies)  
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