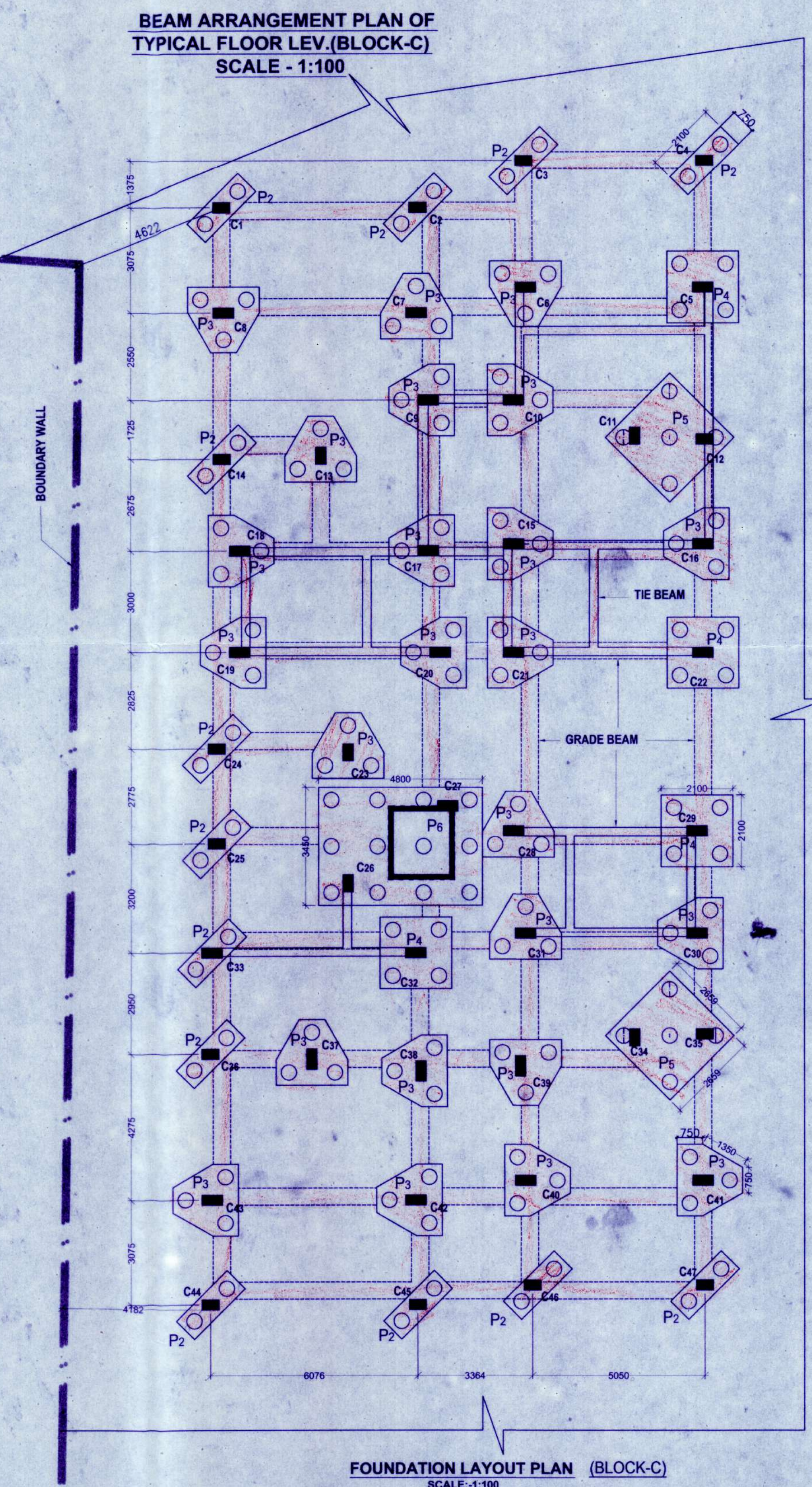
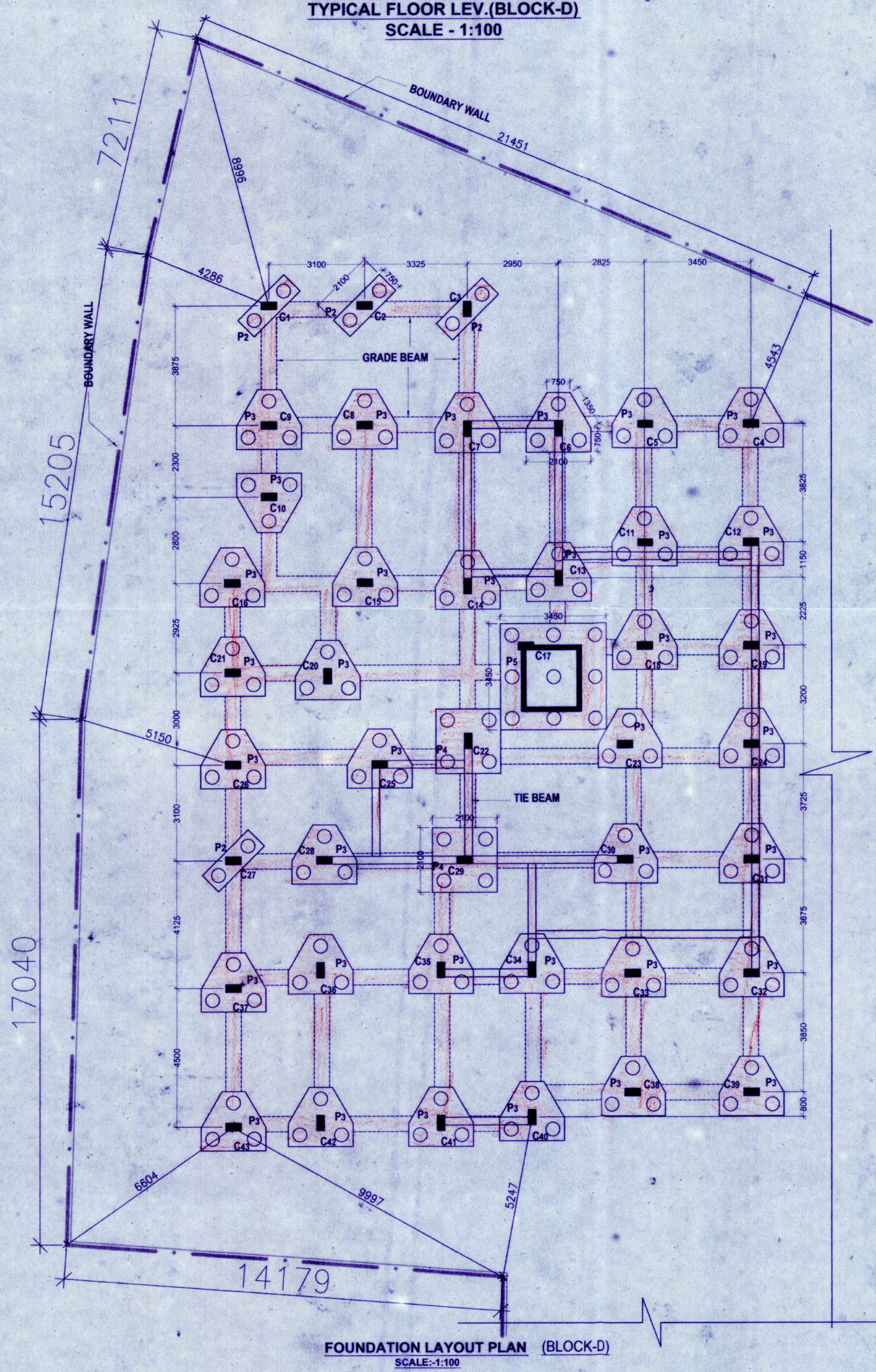
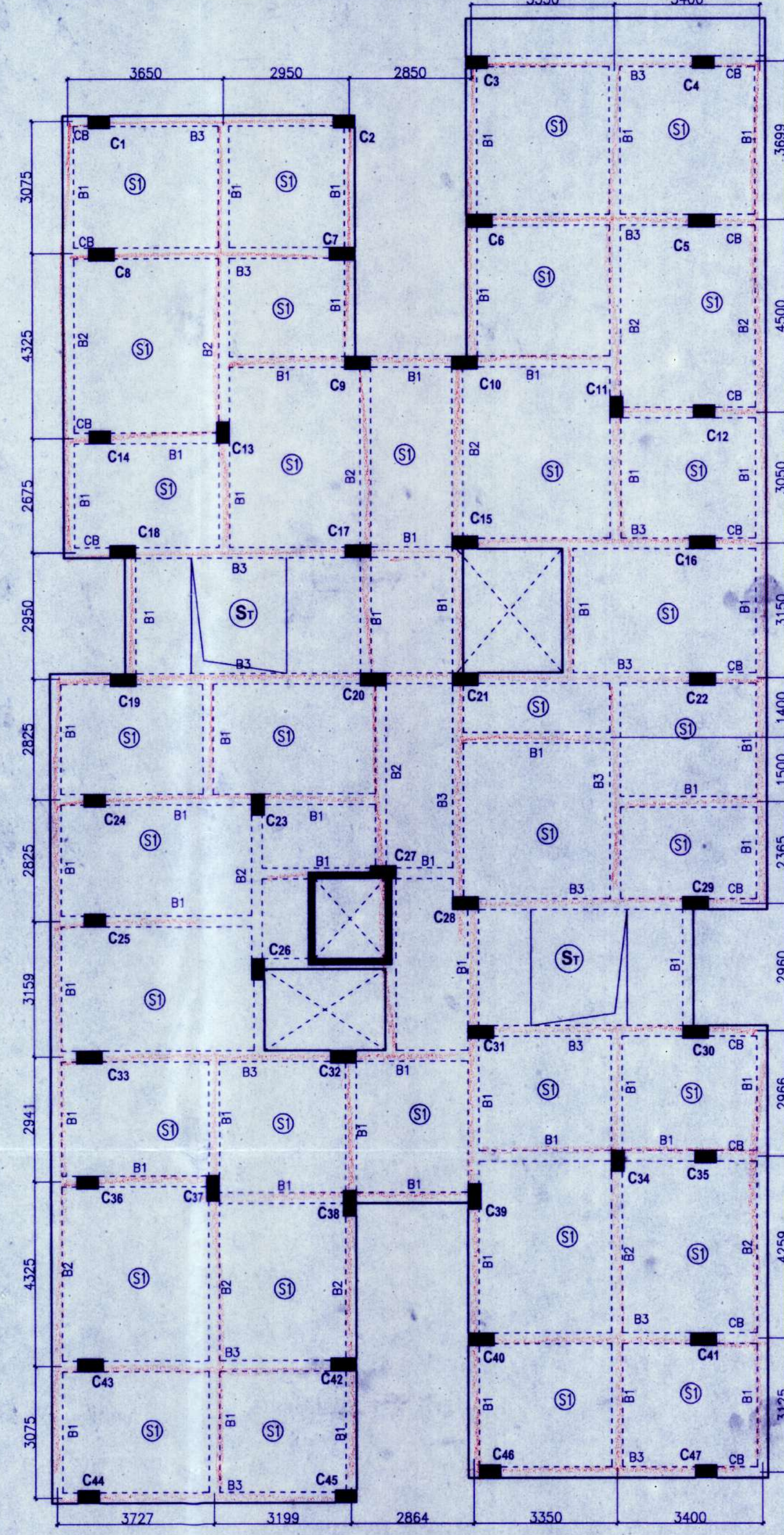
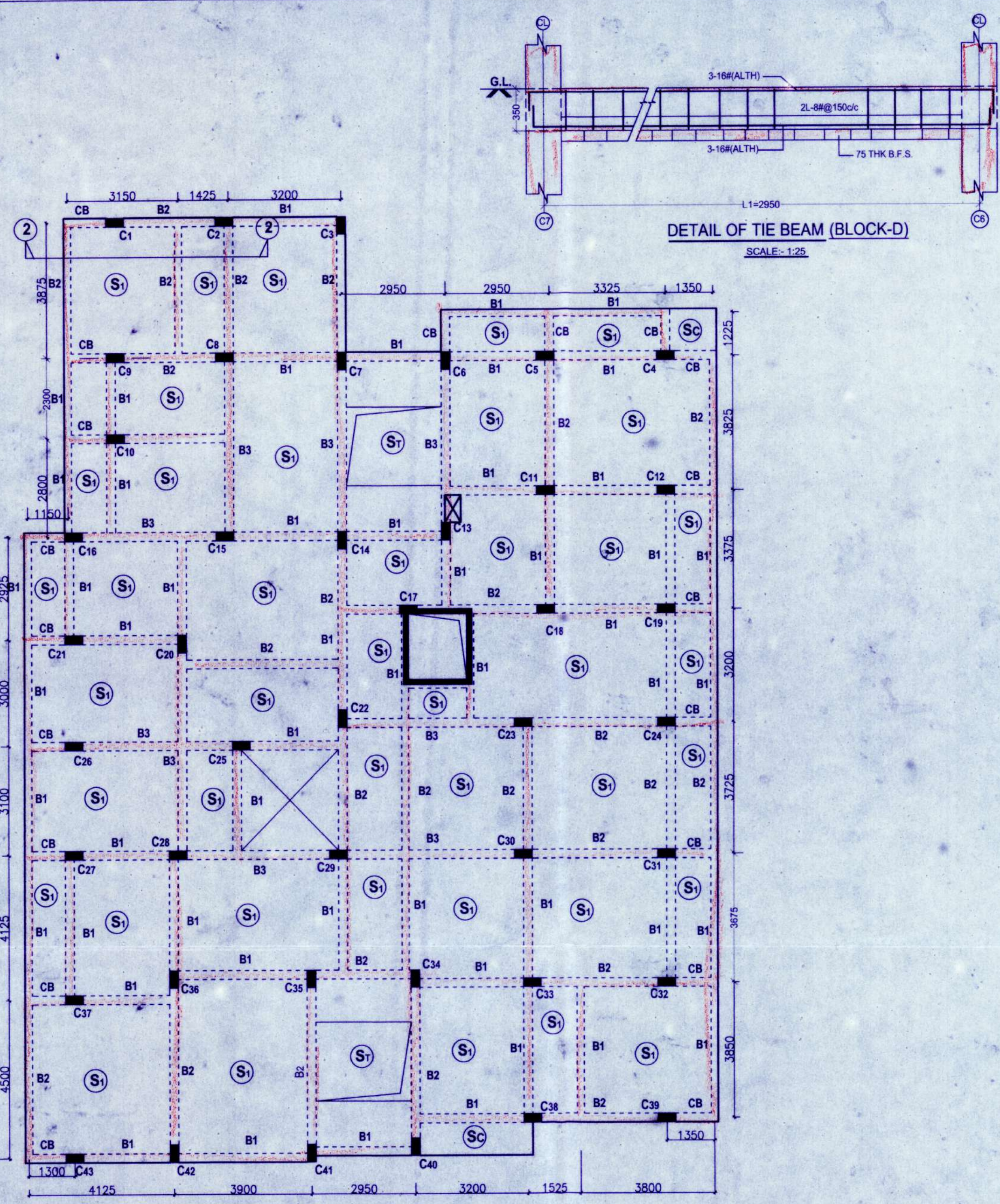




SCHEDULE OF PILE FOUNDATION (BLOCK-D)									
PILE CAP MARKED	COLUMN MARKED	THICKNESS OF PILE CAP	OVERALL DEPTH FROM E.G.L.	MAIN REIN. OF PILE CAP BOTH TOP & BOT.	SIZE OF GRADE BEAM	REINFORCEMENT OF GRADE BEAM		STIRRUPS	
						TOP	BOTT.		
P2 CAP FOR 2 NOS. PILE	C1 TO C3	1000	1650 (75+75+1500)	16 Φ @ 150 C/C BOTH WAYS	400 X 500	5-16 Φ ALL THROUGH	5-16 Φ ALL THROUGH	8 Φ - 4L @ 200 C/C	
P3 CAP FOR 3 NOS. PILE	C4 TO C21, C23 TO C28, C30 TO C43	1000	1650 (75+75+1500)	16 Φ @ 150 C/C BOTH WAYS	400 X 500	5-16 Φ ALL THROUGH	5-16 Φ ALL THROUGH	8 Φ - 4L @ 200 C/C	
P4 CAP FOR 4 NOS. PILE	C22 & C29	1000	1650 (75+75+1500)	16 Φ @ 150 C/C BOTH WAYS	400 X 500	5-16 Φ ALL THROUGH	5-16 Φ ALL THROUGH	8 Φ - 4L @ 200 C/C	
P5 CAP FOR 4 NOS. PILE	C17 & LIFT.	1000	1650 (75+75+1500)	16 Φ @ 150 C/C BOTH WAYS	400 X 500	5-16 Φ ALL THROUGH	5-16 Φ ALL THROUGH	8 Φ - 4L @ 200 C/C	

SCHEDULE OF PILE FOUNDATION (BLOCK-C)									
PILE CAP MARKED	COLUMN MARKED	THICKNESS OF PILE CAP	OVERALL DEPTH FROM E.G.L.	MAIN REIN. OF PILE CAP BOTH TOP & BOT.	SIZE OF GRADE BEAM	REINFORCEMENT OF GRADE BEAM		STIRRUPS	
						TOP	BOTT.		
P2 CAP FOR 2 NOS. PILE	C1 TO C4, C14, C24, C26, C33, C36, C44 TO C47	1000	1650 (75+75+1500)	16 Φ @ 150 C/C BOTH WAYS	400 X 500	5-16 Φ ALL THROUGH	5-16 Φ ALL THROUGH	8 Φ - 4L @ 200 C/C	
P3 CAP FOR 3 NOS. PILE	C6 TO C10, C13, C15 TO C21, C23, C26 TO C28, C30, C31, C37 TO C38	1000	1650 (75+75+1500)	16 Φ @ 150 C/C BOTH WAYS	400 X 500	5-16 Φ ALL THROUGH	5-16 Φ ALL THROUGH	8 Φ - 4L @ 200 C/C	
P4 CAP FOR 4 NOS. PILE	C40 TO C43, C5, C22, C29 & C32	1000	1650 (75+75+1500)	16 Φ @ 150 C/C BOTH WAYS	400 X 500	5-16 Φ ALL THROUGH	5-16 Φ ALL THROUGH	8 Φ - 4L @ 200 C/C	
P5 CAP FOR 5 NOS. PILE	C11, C12, C34, C35	1100	1650 (75+75+1500)	16 Φ @ 125 C/C BOTH WAYS	400 X 500	5-16 Φ ALL THROUGH	5-16 Φ ALL THROUGH	8 Φ - 4L @ 200 C/C	
P6 CAP FOR 5 NOS. PILE	C26, C27 & LIFT	1100	1650 (75+75+1500)	16 Φ @ 125 C/C BOTH WAYS	400 X 500	5-16 Φ ALL THROUGH	5-16 Φ ALL THROUGH	8 Φ - 4L @ 200 C/C	

SCHEDULE OF PILE (BLOCK-D & C)				
DIA OF PILE	LENGTH OF PILE FROM E.G.L.	MAIN REINFORCEMENT	SPIRAL TIES	SPACER BAR
450	20000	10-12Φ	8Φ @ 150 C/C	12 # SPACER BAR @ 2000 C/C

SCHEDULE OF COLUMN (BLOCK-D)					
COLUMN MKD.	FDN. TO GROUND FLOOR ROOF	1ST FLOOR	2ND FLOOR & ABOVE	TIES	
SIZE	REINFORCEMENT	REINFORCEMENT	SIZE	REINFORCEMENT	
C1, C2, C3, C4, C6, C7, C8, C9, C39 & C43	250 X 500	4-12Φ + 8-16Φ	4-12Φ + 8-16Φ	250 X 500	8-16Φ
C4, C6, C7, C8, C9, C39 & C43	250 X 500	12-16Φ	12-16Φ	250 X 500	8-16Φ + 4-12Φ
C1, C2, C3, C4, C6, C7, C8, C9, C39 & C43	250 X 500	4-20Φ + 8-16Φ	4-20Φ + 8-16Φ	250 X 500	12-16Φ
C1, C2, C3, C4, C6, C7, C8, C9, C39 & C43	250 X 500	12-20Φ	12-20Φ	250 X 500	8-20Φ
C22 & C29	300 X 500	12-20Φ	12-20Φ	250 X 500	8-20Φ + 4-12Φ

SCHEDULE OF COLUMN (BLOCK-C)					
COLUMN MKD.	FDN. TO GROUND FLOOR ROOF	1ST FLOOR	2ND FLOOR & ABOVE	TIES	
SIZE	REINFORCEMENT	REINFORCEMENT	SIZE	REINFORCEMENT	
C22, C27 & C29	300 X 600	4-25Φ + 8-20Φ	4-25Φ + 8-20Φ	250 X 600	12-20Φ
C21, C30 & C32	300 X 600	12-20Φ	12-20Φ	250 X 600	8-20Φ + 4-16Φ
C5, C6, C7, C8, C9, C39 & C43	300 X 600	8-20Φ + 4-16Φ	8-20Φ + 4-16Φ	250 X 600	8-20Φ + 4-12Φ
C8, C9, C10, C15, C34, C37 & C43	300 X 600	4-20Φ + 8-16Φ	4-20Φ + 8-16Φ	250 X 600	12-16Φ
C11, C12, C13 & C25	300 X 500	12-16Φ	12-16Φ	250 X 500	8-16Φ + 4-12Φ
C1, C2, C3, C4, C14, C24, C26, C34, C36, C44	300 X 500	8-16Φ + 4-12Φ	8-16Φ + 4-12Φ	250 X 500	8-16Φ
C45, C46 & C47	300 X 500	12-20Φ	12-20Φ	250 X 500	8-20Φ + 4-16Φ

SCHEDULE OF BEAM (BLOCK-D & C)					
BEAM MKD.	SIZE	MAIN REINFORCEMENT		STIRRUPS	
		SUPPORT	SPAN	SUPPORT	SPAN
B1	250X400	3-16Φ	2-16Φ	2-16Φ	2L-8Φ@150 C/C
B2	250X400	5-16Φ	3-16Φ	3-16Φ	2L-8Φ@150 C/C
B3	250X400	6-16Φ	3-16Φ	3-16Φ	2L-8Φ@150 C/C
CB	250X400	6-16Φ	3-16Φ	3-16Φ	2L-8Φ@150 C/C
TIE BEAM	250X350	3-16Φ	3-16Φ	3-16Φ	2L-8Φ@150 C/C

SCHEDULE OF SLAB (BLOCK-D & C)					
PANEL MKD.	THK	SHORTER DIRECTION		LONGER DIRECTION	
		SUPPORT	SPAN	SUPPORT	SPAN
S1	125	8Φ@150 C/C	8Φ@150 C/C	8Φ@150 C/C	8Φ@150 C/C
S2	125	8Φ@150 C/C	8Φ@150 C/C	8Φ@150 C/C	8Φ@150 C/C
ST	175	10 Φ @ 150 C/C	10 Φ @ 150 C/C	12 Φ @ 100 C/C	12 Φ @ 100 C/C

NOTES/SPECIFICATION
ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE SPECIFIED.
FOR OTHER ARCHITECTURAL & STRUCTURAL DETAIL REFER THE OTHER DRAWING SHEET.

STRUCTURAL DETAILS				
DATE:-	SCALE:-	DRAWN BY:-	JOB NO.-	SHEET NO.-
29.09.2018	1:25, 1:100	TULI DUTTA	1819-015	7

PROJECT:-
PROPOSED G+V STORIED PART COMMERCIAL & PART RESIDENTIAL BUILDING OF RAAJ BARDHAN JAYASWAL AT DAG NO-580(L.R.) K.H.NO-5692 (L.R.) J.L.NO-38, MOUZA-PODRAH, P.S.-SANKRAIL, DIST.-HOWRAH.

DECLARATION OF L.B.S.	DECLARATION OF STR. ENG.	DECLARATION OF OWNER
I CERTIFY THAT THE SITE CONDITION INCLUDING THE WIDTH OF ABUTTING ROAD CONFORMS WITH THE PLAN AND THAT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK. THE PLOT IS BOUNDED BY BOUNDARY WALL THE WIDTH OF THE ROAD IS 12.18 MT.	I CERTIFY THAT THE STRUCTURAL DRAWING AND DESIGN OF BOTH THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT AS PER THE RULES AND REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS. WIND, SEISMIC LOAD AND MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER BIS AND NBC OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS AND THESE PROVISIONS SHALL ADHERE TO DURING THE CONSTRUCTION.	WE DO HERE BY DECLARE THAT WE SHALL PROVIDED NECESSARY PLANTATION AS PER SANCTION PLAN AND WE SHALL MAINTAIN THE SAID PLANTATION AT OUR OWN COST IN FUTURE.
Smt. Sumita Roy (Kuala) B.Sc. Dip in Arch L.B.S. (Class-I) No. 16 of Howrah Zilla Parishad M/s. K. Roy & Associates Jhordah, Andul, Howrah	Dr. Kalyanendra Roy CHARTERED ENGINEER MARCEUSABRIGADE, MIPREMACI 2553, 3rd FLOOR JHORDAH ANDUL, HOWRAH-711205	1819-015 Constuted Power of Attorney of RAAJ BARDHAN JAYASWAL
SIG OF L.B.S.	SIG OF STR. ENG.	SIG OF APPLICANT