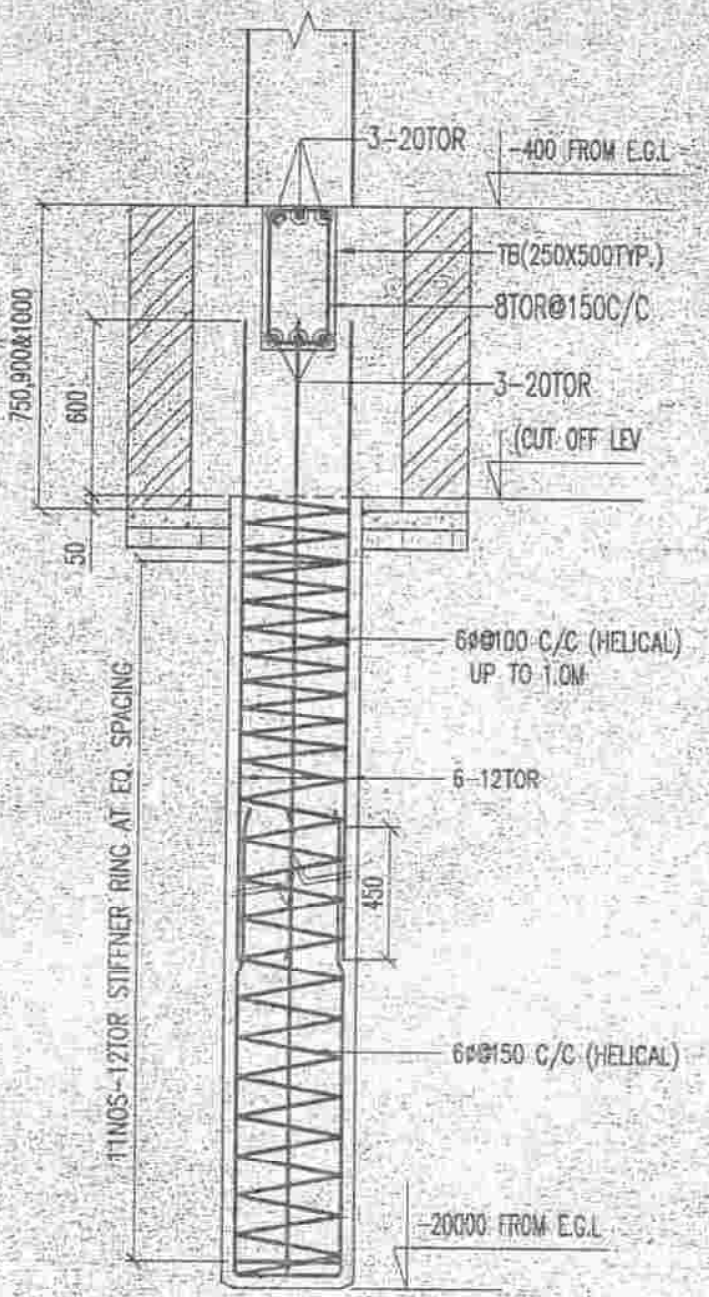
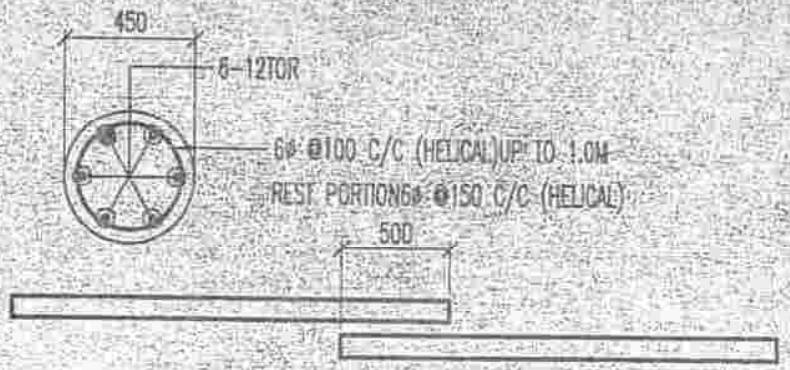


TYPICAL DETAIL OF PILE



TYPICAL WELDED DETAIL

2.5 MM ϕ ELECTROD SHALL BE USED FOR WELDING ONLY

PILE SCHEDULE

MIN CEMENT CONTENT IN CONCRETE SHALL BE = 400Kg

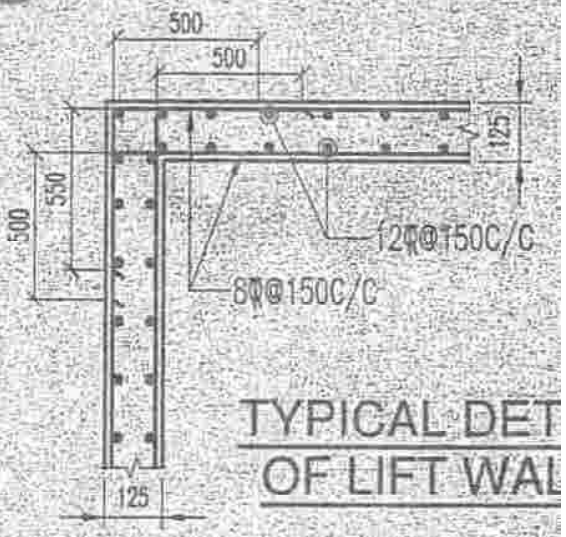
TYPE	DIA OF PILE	REINFORCEMENT	CAP
	450	6-12ϕ	35

PILE CAP SCHEDULE

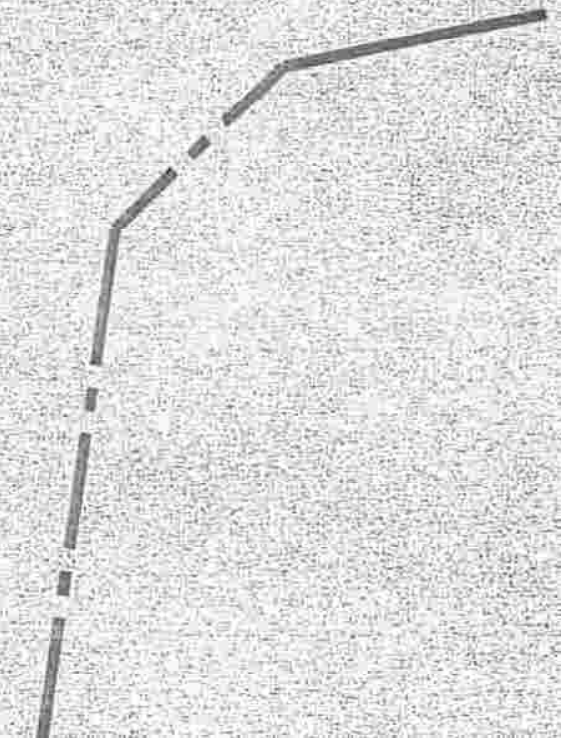
GRADE OF CONCRETE - M25

TYPE	SIZE	DEPTH	REINFORCEMENT IN SHORTER DIRECTION	REINFORCEMENT IN LONGER DIRECTION
P2	750X2100	750	6-10 ϕ (T) 6-16 ϕ (B)	4L-12ϕ@150 C/C
P3	AS/DWG	750	10 ϕ @150 C/C (T) 16 ϕ @150 C/C (B)	10 ϕ @150 C/C (T) 16 ϕ @150 C/C (B)
P4	2100X2100	750	10 ϕ @150 C/C (T) 16 ϕ @125 C/C (B)	10 ϕ @150 C/C (T) 16 ϕ @125 C/C (B)
P5	2100X3088	750	10 ϕ @150 C/C (T) 16 ϕ @150 C/C (B)	10 ϕ @150 C/C (T) 20 ϕ @150 C/C (B)
P6	2100X3450	750	10 ϕ @150 C/C (T) 16 ϕ @125 C/C (B)	10 ϕ @150 C/C (T) 20 ϕ @125 C/C (B)
P7A	AS/DWG	900	10 ϕ @150 C/C (T) 20 ϕ @150 C/C (B)	10 ϕ @150 C/C (T) 20 ϕ @100 C/C (B)
P8	3450X3088	750	10 ϕ @150 C/C (T) 20 ϕ @100 C/C (B)	10 ϕ @150 C/C (T) 20 ϕ @100 C/C (B)
L13	AS/DWG	1200	20 ϕ @150 C/C (T) 20 ϕ @150 C/C (B)	20 ϕ @100 C/C (T) 20 ϕ @100 C/C (B)
L10	AS/DWG	1000	16 ϕ @125 C/C (T) 20 ϕ @125 C/C (B)	20 ϕ @125 C/C (T) 20 ϕ @125 C/C (B)
L11	4800X3088	1000	16 ϕ @150 C/C (T) 20 ϕ @100 C/C (B)	20 ϕ @150 C/C (T) 25 ϕ @100 C/C (B)
P7	AS/DWG	750	10 ϕ @150 C/C (T) 20 ϕ @125 C/C (B)	10 ϕ @150 C/C (T) 20 ϕ @125 C/C (B)

B



TYPICAL DET
OF LIFT WAL



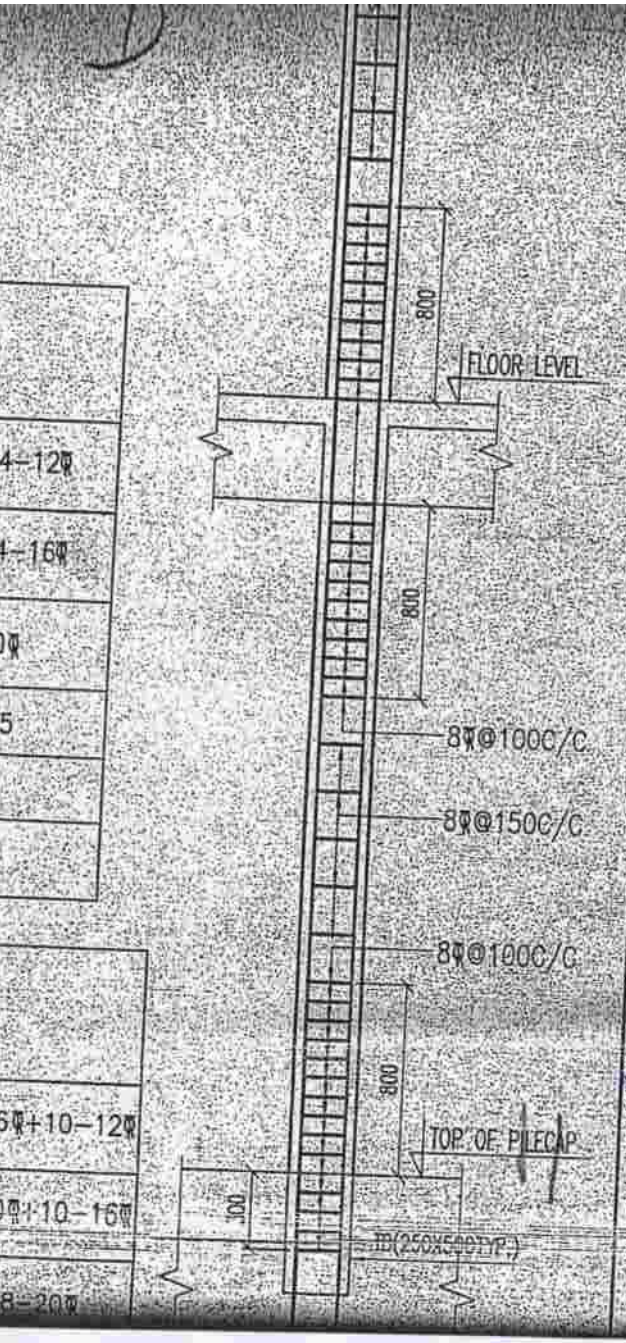
COLUMN SCHEDULE BLOCK - 1

GRADE OF CONCRETE - M25

4TH FLOOR TO ROOF	4-16ϕ+4-12ϕ	10-12ϕ	4-16ϕ+8-12ϕ	4-16ϕ+6-12ϕ	8-16ϕ+8-12ϕ	6-16ϕ+4-12ϕ	
2ND FLOOR TO 4TH FLOOR	4-16ϕ+4-12ϕ	6-16ϕ+4-12ϕ	8-16ϕ+4-12ϕ	10-16ϕ	8-20ϕ+8-16ϕ	10-16ϕ	8-
FOUNDATION TO 2ND FLOOR	8-16ϕ	10-16ϕ	12-16ϕ	6-20ϕ+4-16ϕ	16-20ϕ	6-20ϕ+4-16ϕ	8-
COL SIZE	250x450	250x500	250x775	250x550	250x900	250x550	2
LINK	8ϕ@100C/C AND 8ϕ@150C/C						
COL MARKED	1C1,1C3,1C5	1C2,1C7,1C10,1C13,1C25 1C24A	1C4	1C6,1C16,1C45, 1C48,1C24B	1C8,1C9	1C11,1C12	1C14,1

COLUMN SCHEDULE BLOCK - 1

-12Φ	10-12Φ	8-16Φ+4-12Φ
-16Φ	6-16Φ+4-12Φ	8-20Φ+4-16Φ
-16Φ	4-20Φ+6-16Φ	12-20Φ
	250x500	250x625
	1C17	1C18
-16Φ+6-12Φ	12-16Φ	8-16Φ+10-12Φ
-20Φ+6-16Φ	4-20Φ+8-16Φ	8-20Φ+10-16Φ
10-20Φ	12-20Φ	18-20Φ

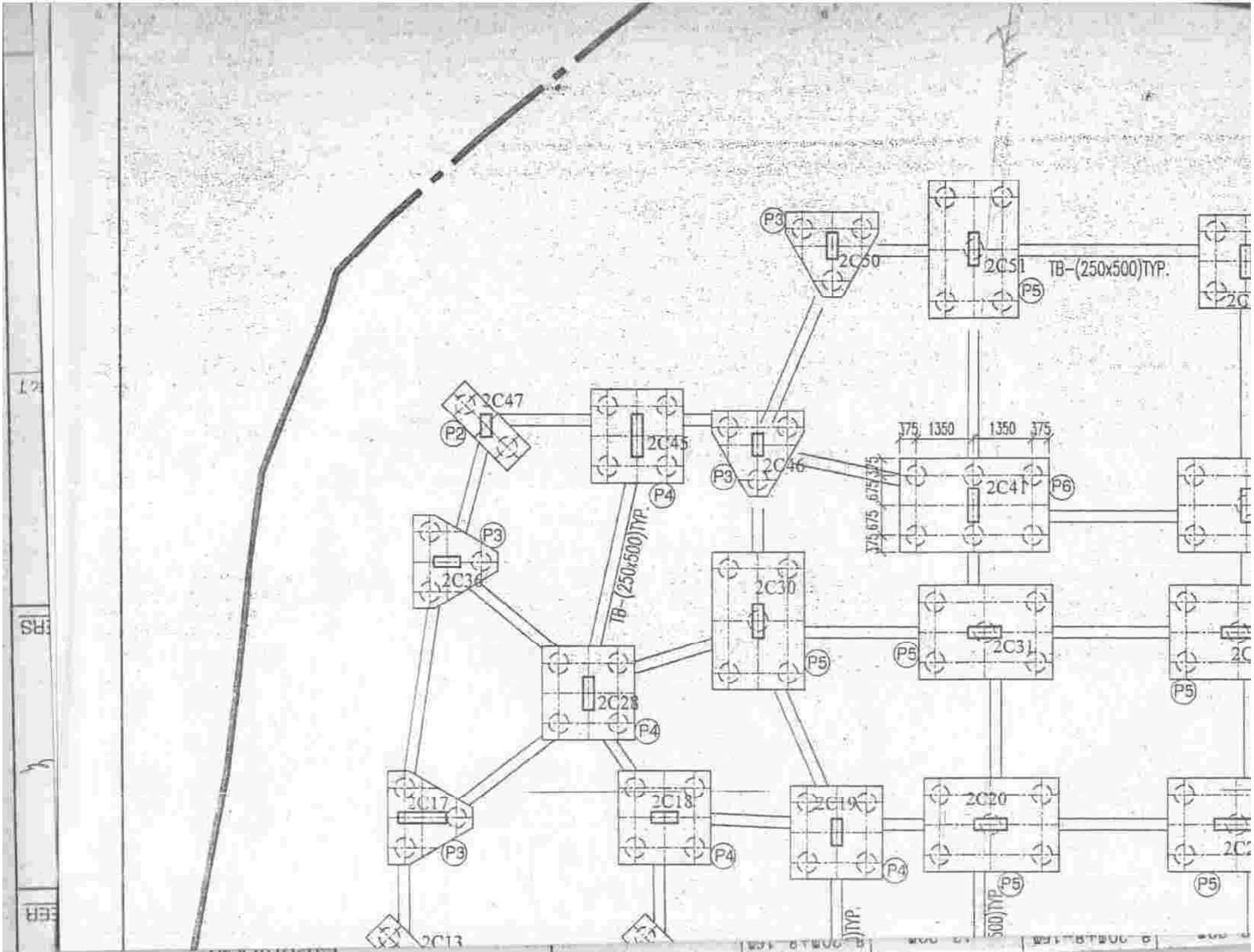


2. SUPER STRUCTURE : SUPER STRUCTURE SHALL BE OF 1ST CLASS BRICK IN 1:6 CEMENT MORTAR.
3. ALL GRADE OF CONCRETE M25.
4. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S CODES.
5. FOR STEEL GRADE Fe 500 AS PER I.S 1786-1979.
6. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
7. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASSBRICK IN 1:6 CEMENT MORTAR.
8. MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
a. FOUNDATION BEAM & SLAB	50	50	50
b. COLUMN	–	–	40
c. TIE BEAM.	30	30	30
d. FLOOR BEAM.	30	30	30
e. FLOOR SLAB.	20	20	20
e.PILE	–	–	50
f.PILECAP	50	50	50

APPROVED
Valid Upto 31/03/22
Chairman 4/4/17
Burdwan Municipality

SIGNATURE OFMEMBER
CHAIRMAN IN COUNCIL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2C51
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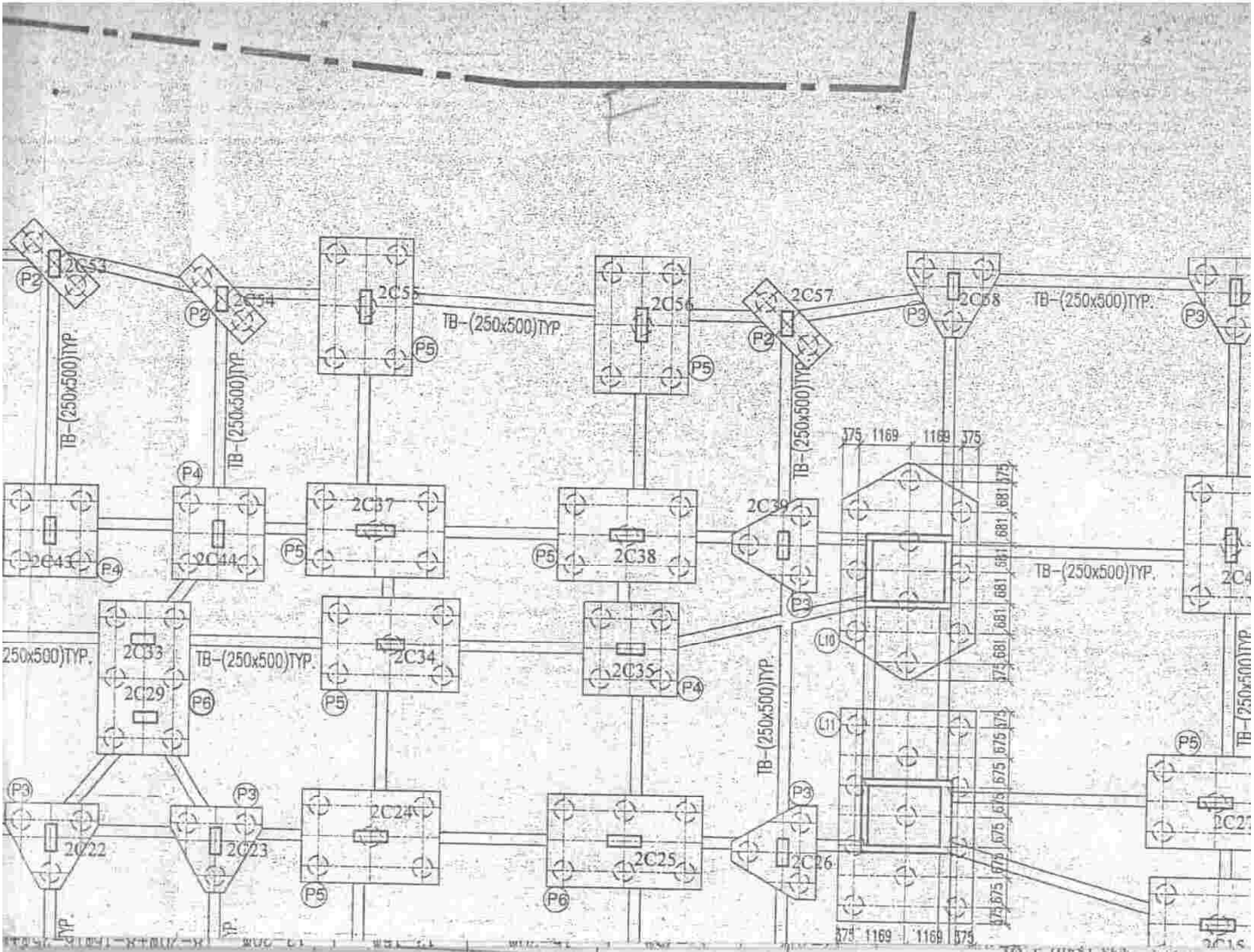
2C47
2C45
2C46
2C41
2C36
2C30
2C31
2C28
2C17
2C18
2C19
2C20
2C13
P2
P3
P4
P5
P6
375
1350
675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2C54
2C55
2C56
2C57
2C58
TB-(250x500)TYP.
2C43
2C44
2C37
2C38
2C39
2C33
2C29
2C34
2C35
2C22
2C23
2C24
2C25
2C26
P2
P3
P4
P5
P6
L10
L11
375 1169 1169 375
675
681

4TH FLOOR TO ROOF	4–20ϕ+8–16ϕ	4–20ϕ+8–16ϕ	8–16ϕ+8–12ϕ	6–16ϕ+8–12ϕ	8–16ϕ+4–12ϕ	4–16ϕ+10–12ϕ	4–16ϕ+8–12ϕ	6–16ϕ+4–12ϕ	4–16
2ND FLOOR TO 4TH FLOOR	8–20ϕ+4–16ϕ	12–20ϕ	8–20ϕ+8–16ϕ	6–20ϕ+8–16ϕ	4–20ϕ+8–16ϕ	4–20ϕ+10–16ϕ	12–16ϕ	6–20ϕ+4–16ϕ	4–0
FOUNDATION TO 2ND FLOOR	12–20ϕ	8–25ϕ+4–20ϕ	16–20ϕ	14–20ϕ	4–25ϕ+8–20ϕ	14–20ϕ	8–20ϕ+4–16ϕ	10–20ϕ	12
COL SIZE	250x600	250x750	250x1025	250x750	250x750	250x875	250x600	250x550	250
LINK	8ϕ@100C/C AND 8ϕ@150C/C								
COL MARKED	1C19	1C20,1C21	1C24	1C23,1C26	1C27,1C30A	1C28	1C29	1C30	1C31

COLUMN SCHEDULE BLOCK - 1

GRADE OF CONCRETE – M25

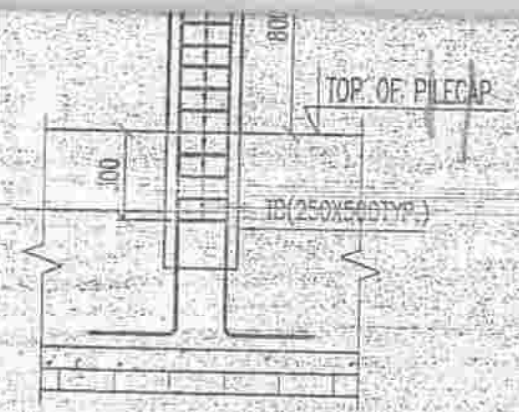
4TH FLOOR TO ROOF	4–16ϕ+8–12ϕ	8–16ϕ+8–12ϕ	8–16ϕ+4–12ϕ	6–16ϕ+8–12ϕ	6–16ϕ+6–12ϕ	4–16ϕ+8–12ϕ	8–16ϕ+8–12ϕ	8–16ϕ+4–12ϕ	4–
2ND FLOOR TO 4TH FLOOR	8–20ϕ+4–16ϕ	8–20ϕ+8–16ϕ	8–20ϕ+4–16ϕ	6–25ϕ+8–20ϕ	6–20ϕ+6–16ϕ	4–20ϕ+8–16ϕ	8–20ϕ+8–16ϕ	8–20ϕ+4–16ϕ	4–
FOUNDATION TO 2ND FLOOR	12–20ϕ	16–20ϕ	8–25ϕ+4–20ϕ	14–25ϕ	6–25ϕ+6–20ϕ	12–20ϕ	8–25ϕ+8–20ϕ	12–20ϕ	
COL SIZE	250x600	250x800	250x750	250x1000	250x750	250x600	250x900	250x600	
LINK	8ϕ@100C/C AND 8ϕ@150C/C								
COL MARKED	1C35,1C36	1C37	1C38	1C40	1C41	1C42	1C43	1C44	

COLUMN SCHEDULE BLOCK - 2

GRADE OF CONCRETE – M25

4TH FLOOR	6–16ϕ+8–12ϕ	4–20ϕ+8–16ϕ	12–20ϕ	8–16ϕ+8–12ϕ	12–12ϕ	4–16ϕ+8–12ϕ	16–12ϕ	14–

-16Φ+6-12Φ	12-16Φ	8-16Φ+10-12Φ
20Φ+6-16Φ	4-20Φ+8-16Φ	8-20Φ+10-16Φ
10-20Φ	12-20Φ	18-20Φ
250x550	250x600	250x1200
C33	1C34	1C29A



TYPICAL DETAIL OF COLUMN REINFT.

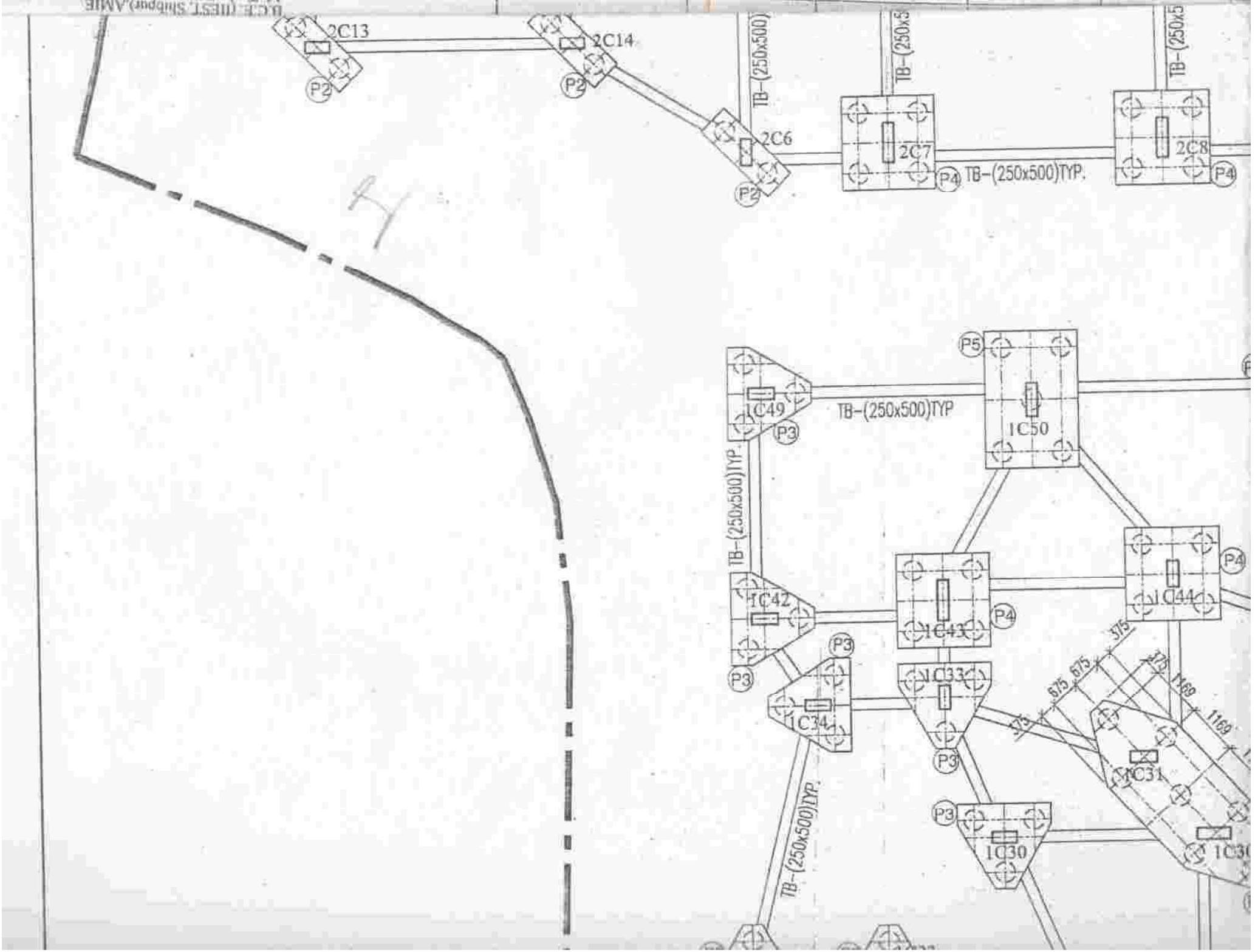
4-16Φ+8-12Φ	8-16Φ+4-12Φ	8-16Φ+4-12Φ	14-16Φ
4-20Φ+8-16Φ	8-20Φ+4-16Φ	8-20Φ+4-16Φ	8-20Φ+6-16Φ
12-20Φ	8-25Φ+4-20Φ	12-20Φ	14-20Φ
250x600	250x750	250x600	250x750
1C49	1C50	1C51	1C52,1C53

Burdwan Municipality

SIGNATURE OFMEMBER
CHAIRMAN IN COUNCIL

SIGNATURE OF HEALTH OFFICER

SIGNATURE OF ENGINEER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P2
2C6
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2C7
2C8
P4
TB-(250x500)TYP.
1C49
P3
TB-(250x500)TYP
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1C44
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1C30
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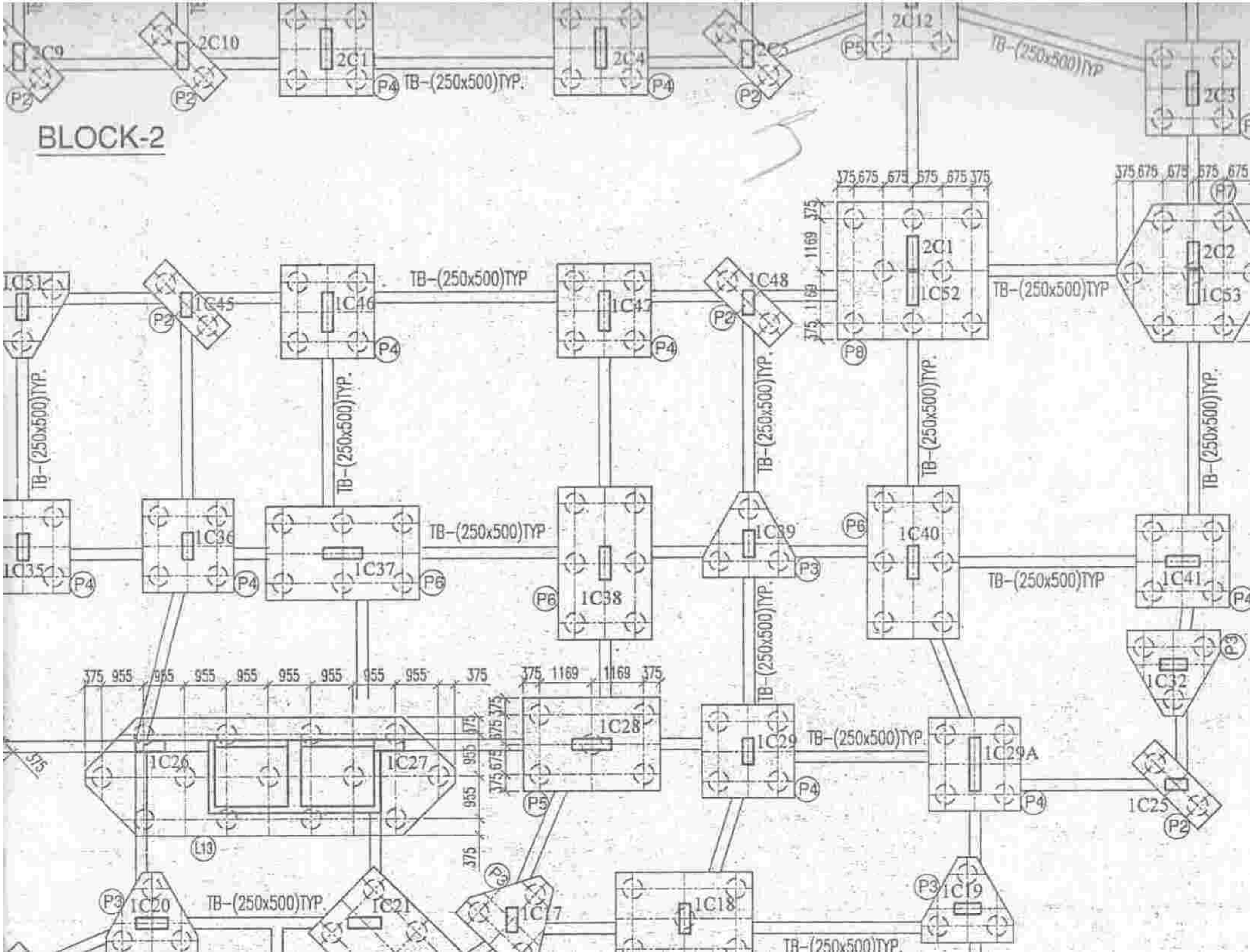
675
1169


BLOCK-2
2C9
2C10
2C1
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2C5
2C12
2C3
2C2
1C51
1C45
1C46
1C47
1C48
2C1
1C52
1C53
1C35
1C36
1C37
1C38
1C39
1C40
1C41
1C32
1C26
1C27
1C28
1C29
1C29A
1C25
1C20
1C21
1C17
1C18
1C19
P2
P3
P4
P5
P6
P7
P8
L13
TB-(250x500)TYP.
TB-(250x500)TYP
TB-(250x500)TYP.
TB-(250x500)TYP
375 675 675 675 675 375
375 1169 1169 375
375 955 955 955 955 955 955 955 955 375
375 375 955 375 675 955 375

TO 2ND FLOOR	[illegible]	[illegible]	[illegible]	16–20ϕ	12–16ϕ	12–20ϕ	8–20ϕ+8–16ϕ	6–25ϕ+8
COL SIZE	250x750	250x600	250x750	250x900	250x600	250x600	250x900	250x75
LINK	8ϕ@100C/C AND 8ϕ@150C/C							
COL MARKED	2C1,2C15,2C38,2C55,2C56	2C2	2C3	2C4	2C5,2C9,2C10	2C6,2C43,2C44	2C7,	2C12

COLUMN SCHEDULE BLOCK - 2

GRADE OF CONCRETE – M25

4TH FLOOR TO ROOF	4–16ϕ+8–12ϕ	6–16ϕ+8–12ϕ	6–16ϕ+8–12ϕ	8–20ϕ+4–16ϕ	4–16ϕ+8–12ϕ	10–12ϕ	4–20ϕ+8–16ϕ	6–16ϕ+8–12
2ND FLOOR TO 4TH FLOOR	4–20ϕ+8–16ϕ	6–20ϕ+8–16ϕ	6–20ϕ+8–16ϕ	12–20ϕ	4–25ϕ+8–20ϕ	6–16ϕ+4–12ϕ	4–25ϕ+8–20ϕ	6–20ϕ+8–16
FOUNDATION TO 2ND FLOOR	4–25ϕ+8–20ϕ	6–25ϕ+8–20ϕ	6–25ϕ+8–20ϕ	12–20ϕ	12–25ϕ	6–20ϕ+4–16ϕ	14–25ϕ	14–20ϕ
COL SIZE	250x600	250x750	250x1000	250x600	250x750	250x550	250x750	250x750
LINK	8ϕ@100C/C AND 8ϕ@150C/C							
COL MARKED	2C19	2C20,2C24,2C25,2C27 2C31	2C21	2C26	2C28	2C29,2C33	2C30	2C32

COLUMN SCHEDULE BLOCK - 2

GRADE OF CONCRETE – M25

4TH FLOOR TO ROOF	12–20ϕ	12–16ϕ	8–20ϕ+8–16ϕ	4–16ϕ+6–12ϕ	4–16ϕ+6–12ϕ	4–16ϕ+8–12ϕ	4–16ϕ+10–12ϕ	12
2ND FLOOR TO 4TH FLOOR	8–25ϕ+4–20ϕ	4–25ϕ+8–20ϕ	8–25ϕ+8–20ϕ	4–20ϕ+6–16ϕ	6–20ϕ+4–16ϕ	4–20ϕ+8–16ϕ	8–20ϕ+6–16ϕ	4–16
FOUNDATION TO 2ND FLOOR	12–25ϕ	12–25ϕ	16–25ϕ	4–25ϕ+6–20ϕ	10–20ϕ	12–20ϕ	8–25ϕ+6–20ϕ	4–20

	8–20Φ+8–16Φ	12–20Φ	8–20Φ+8–16Φ
	250x1075	250x600	250x900
	2C17	2C18,2C22,2C23,2C35	2C8,2C11

4–16Φ+8–12Φ	6–16Φ+8–12Φ	12–16Φ
8–16Φ+4–12Φ	6–20Φ+8–16Φ	8–20Φ+4–16Φ
8–20Φ+4–16Φ	14–20Φ	12–20Φ
250x600	250x850	250x600
2C36	2C37	2C39

12Φ	10–12Φ	4–16Φ+8–12Φ
4–12Φ	6–16Φ+4–12Φ	8–20Φ+4–16Φ
4–16Φ	10–16Φ	4–25Φ+8–20Φ

Chartered Engineer
A.M.-1444940
C.S.E-191 (I), K.M.C

SIGNATURE OF STRUCTURAL ENGINEER

YOGADA HOUSING PROJECTS PVT. LTD.
Director

SIGNATURE OF OWNERS

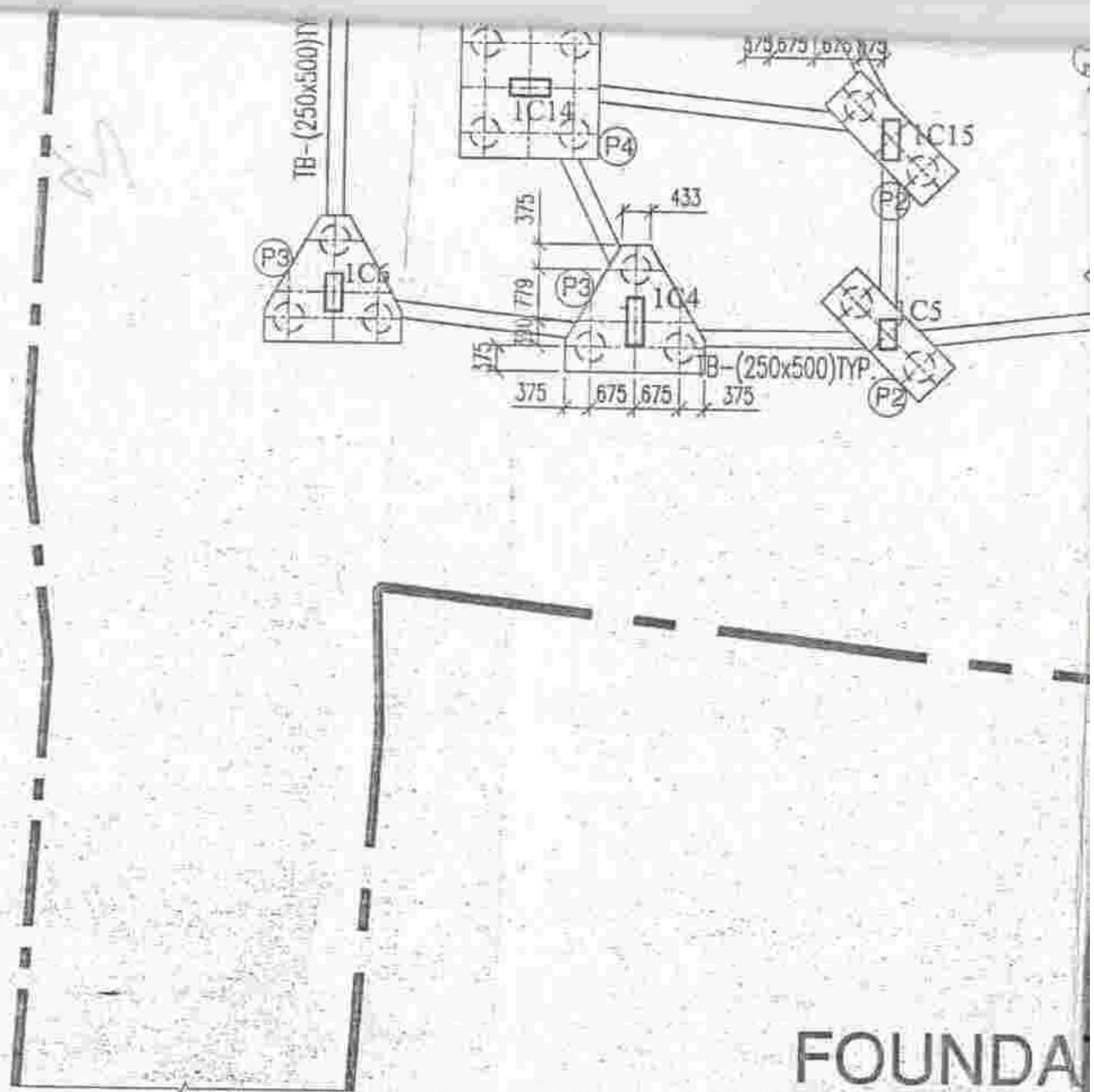
Tamal Chaudhuri

TAMAL CHAUDHURI
B. Arch
Regd no:- CA/2002/29203

SIGNATURE OF ARCHITECT

Arup Kumar Jash

DRAWN BY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P2
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P3
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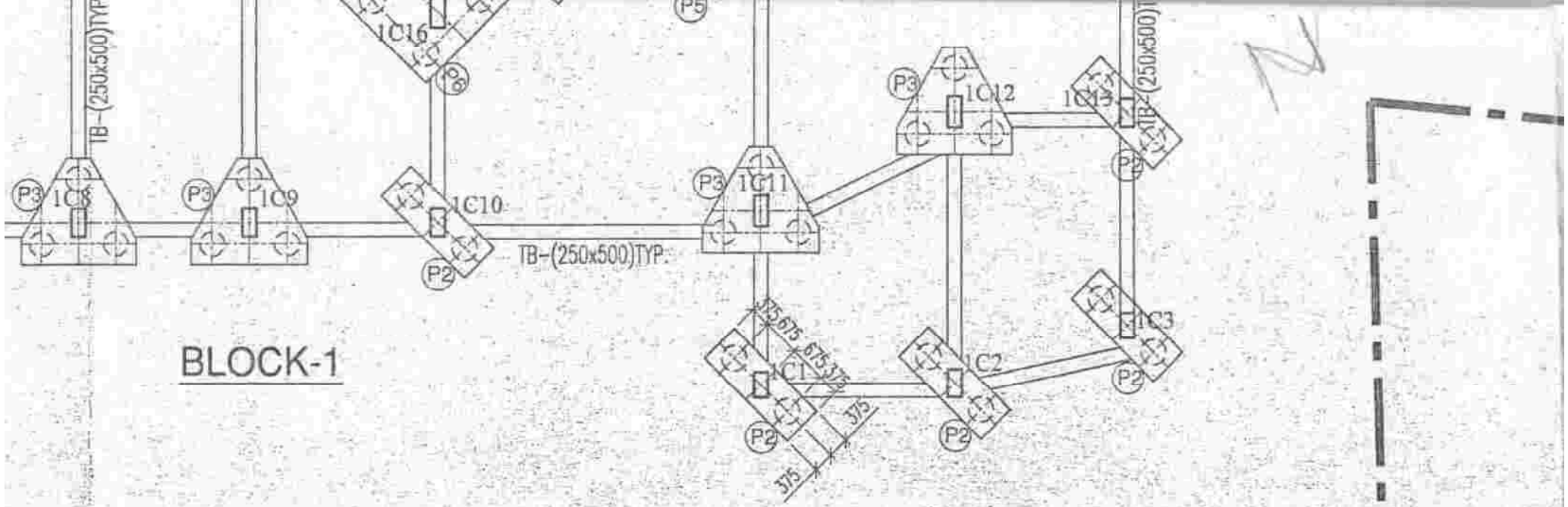
375
675
675
375
P2

FOUNDA



BLOCK-1

LAYOUT (BL - 1 & 2)

SOL. MARKED								

BAHIRSARBAMANGALA, J.L NO -42, MAHALLA - B.S. PARA, R.S. PLOT NO.- 1561,1562,$\frac{1561}{2177}$, R.S. KH. NO.- 348, L.R. PLOT NO.- 4143, L.R. KH. NO.- 16510, HOLDING NO.- 15, WARD NO.- 01, UNDER BURDWAN MUNICIPALITY, P.S. & DIST - BURDWAN.

S K Chakraborty

Dr. S. K.CHAKRABORTY
M. E. PhD.
Foundation Consultant

TITLE

CORPORATION DRAWING
FOUNDATION LAYOUT & DETAILS

ARCHITECTS

Ar. Tamal Chaudhuri & Associates
73, K.N. Sen Rd, Kolkata
atca.kol@gmail.com

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Nirban Co-operative Housing Society Ltd.
E.K.T.P. Phase-iv E-25/10,
KOLKATA - 107
E-mail soumen_sgs@yahoo.com

DRAWN BY–	CHECKED BY	JOB NO.
D.M		SGS/TAMAL/2015/01
DATE– 28.01.2017	SCALE– 1:100,25	DRG. NO. SGS/TAMAL/2015/01/CS-01