

12/11/10
HEALTH OFFICER

DRAWN BY

- 1) Abdur Rahim
- 2) Zakir Ismail
- 3) Firoja Begum
- 4) Arsal Hossain
- 5) Amjad Hossain
- 6) Yeemin Islam

SIGNATURE OF OWNER

STRUCTURAL PLAN FOR PROPOSED B+G+VII
STD. COMMERCIAL CUM RESIDENTIAL FLAT
BUILDING OF 1) JAKIR ISMAIL S/O LATE
MDJAMIR, 2) ARSAD HOSSAIN, 3) AMJAD
HOSSAIN, 4) IYASIMIN ISLAM, ALL ARE S/O LATE
ABDUR RASID, 5) SMT. FIROJA BEGUM W/O LATE
ABDUR RASID, 6) ABDUR RAHIM S/O LATE
MOBARAK HOSSAIN, AT MAHALLA - B.C. ROAD
WARD NO.:- 34, HOLDING NO.:- 55, MOUZA -
RADHANAGAR, J.L. NO.:- 39, L.R. PLOT NO. :-
3350 3351, I.R. KH. NO. :- 2376, 4667, 4668. UNDER
BURDWAN MUNICIPALITY, P.S.:- BARDHAMAN,
DIST:- PURBA BARDHAMAN.

STRUCTURAL DETAILS OF FOUNDATIONS,
TIE BEAMS, FLOOR BEAMS, FLOOR SLAB,
FOOTINGS, COLUMN, STAIR ETC.

SCALE

1:100.25

1 ON 8/5
200 2/2

[Handwritten signature]
[Handwritten text]

SIGNATURE OF STRUCTURAL ENGINEER

[Handwritten signature]
Chairman
Burdwan Municipality
CHAIRMAN OF COUNCIL

[Handwritten signature]
ENGINEER

[Handwritten signature]
Srinimal Bandyopadhyay
LBS-I
Under Burdwan Municipality

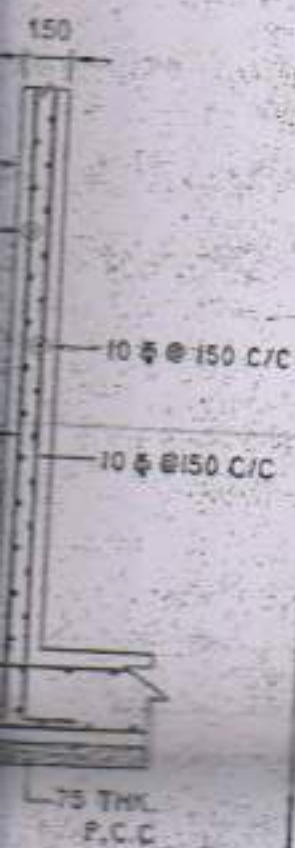
[Handwritten signature]
HEALTH OFFICER

DRAWN BY

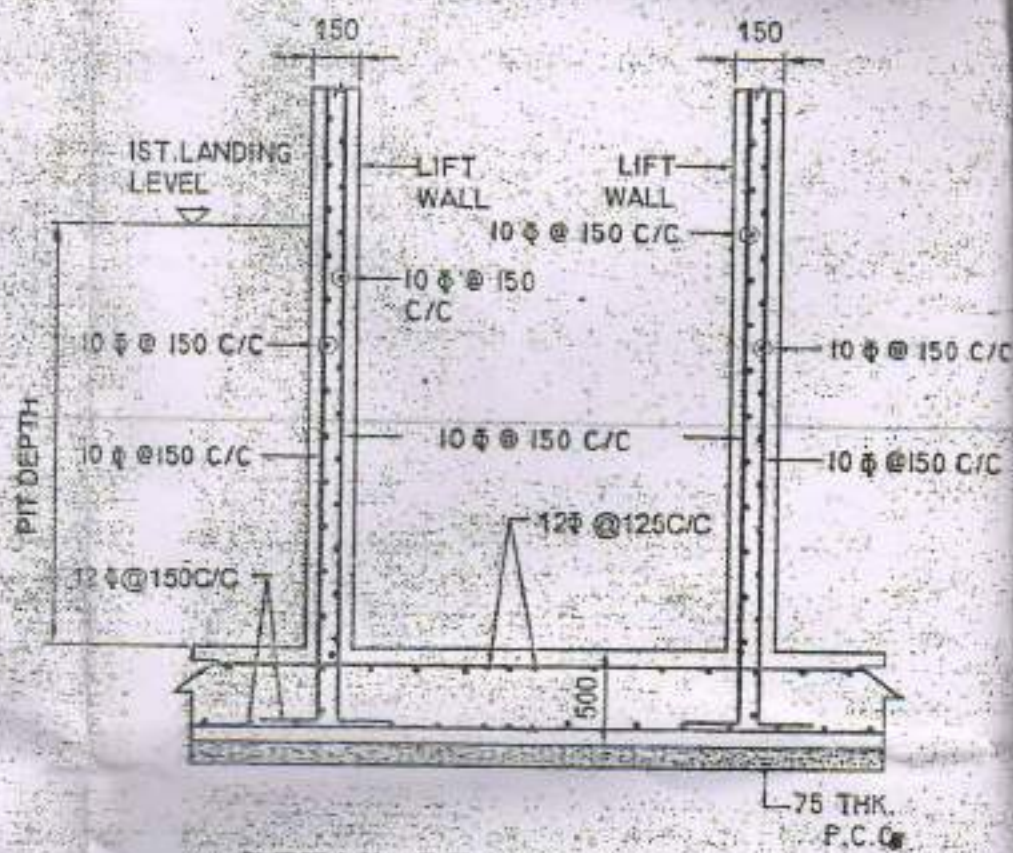
- ① Abdul Rahim
- ② Zakir Hossain
- ③ Feroja Begum
- ④ Akbar Hossain
- ⑤ Amjad Hossain
- ⑥ Yeemin Islam

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRE EXCEPT OTHERWISE SPECIFICALLY MENTIONED.
2. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH NECESSARY ARCHITECTURAL DRAWING.
4. IF ANY DISCREPANCY IS FOUND IN THE DRAWING IT SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE ARCHITECT/ENGINEER BEFORE COMMENCEMENT OF THE WORK.
5. ALL REINFORCING BAR WILL CONFORMS TO GRADE Fe-415 OF I.S. :1786-1979 (H.Y.S.D.BAR).
6. CONCRETE SHALL BE FOLLOWING GRADE AS PER I.S. : 456-2000
a) FOUNDATION- M20 b) SUPERSTRUCTURE - M20
7. CLEAR COVER TO MAIN REINFORCEMENT :
a) FOUNDATION - 50 b) COLUMNS - 40 c) TIE BEAMS - 30
d) FLOOR BEAMS - 30 e) FLOOR SLAB - 20
8. LAP LENGTH OF TENSILE REINFORCEMENT SHOULD BE $50 \times D$ AND IN COMPRESSION $40 \times D$ WHERE "D" IS THE SMALLER DIAMETER OF BAR.
9. CHANGES, IF ANY REQUIRED, MUST BE COMMUNICATED AND TO BE DONE AS PER REVISED DRAWINGS.
10. ALL FOUNDATIONS ARE TO BE TIED AT FOUNDATION LEVEL.
11. FOUNDATIONS ARE DESIGNED ASSUMING A BEARING CAPACITY OF SOIL @ 12T / M2 AT (-) 1.80 M FROM EGL. FOR FINAL DESIGN, NECESSARY SOIL TEST IS REQUIRED. FOR FILE DETAIL, REFER SEPARATE DRAWINGS.

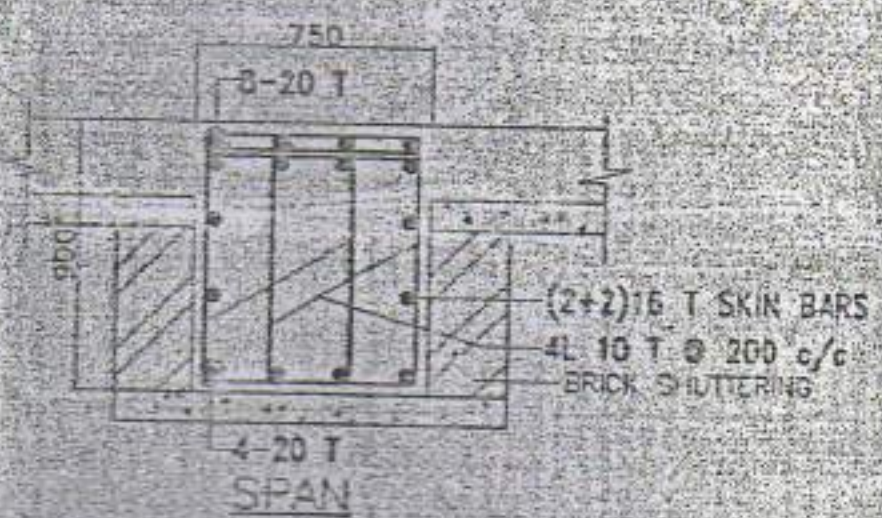


T SKIN BARS
@ 200 c/c
BUTTERING



DETAIL OF LIFT WALL

DETAIL OF RETAINING WALL



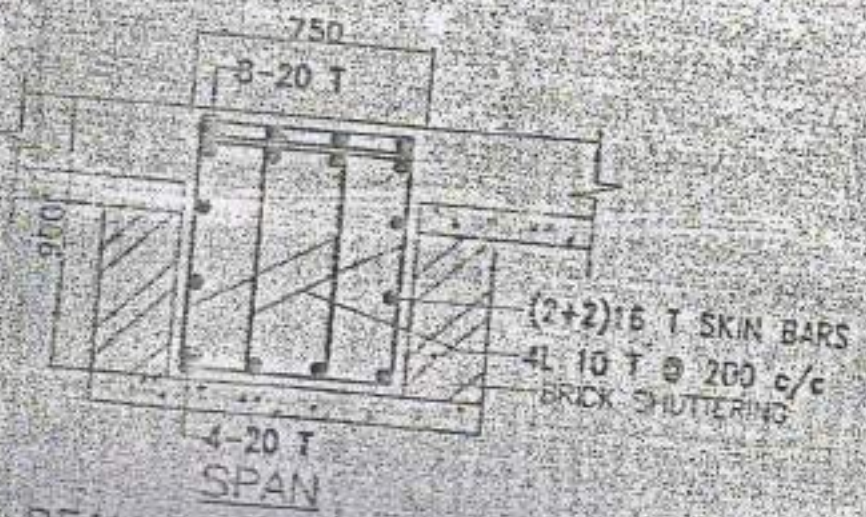
P.C. DETAIL OF FOUNDATION BEAM FB-2



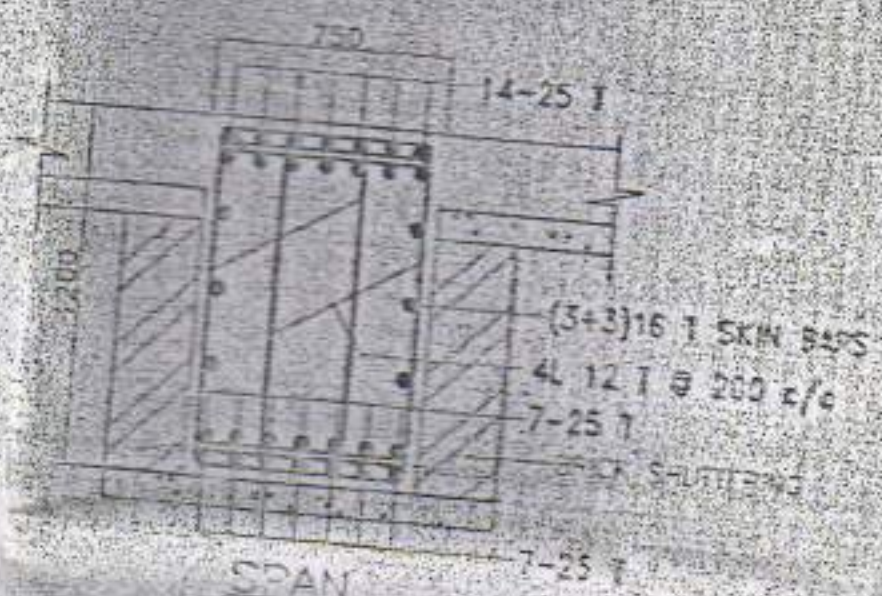
DETAIL OF LIFT WALL

75 THK.
P.C.C

DETAIL OF ING WALL



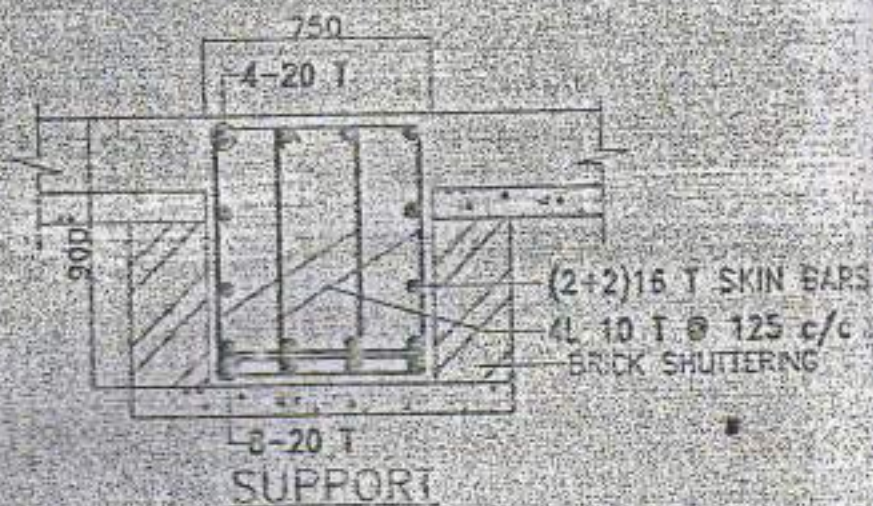
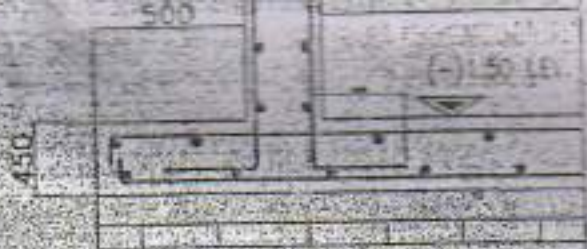
DETAIL OF FOUNDATION BEAM FB-2



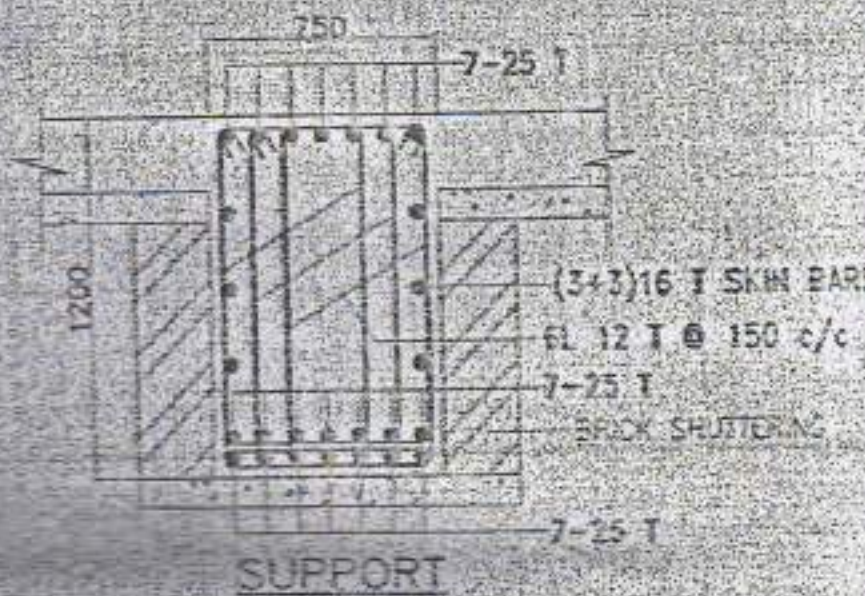
DETAIL OF FOUNDATION BEAM FB-1



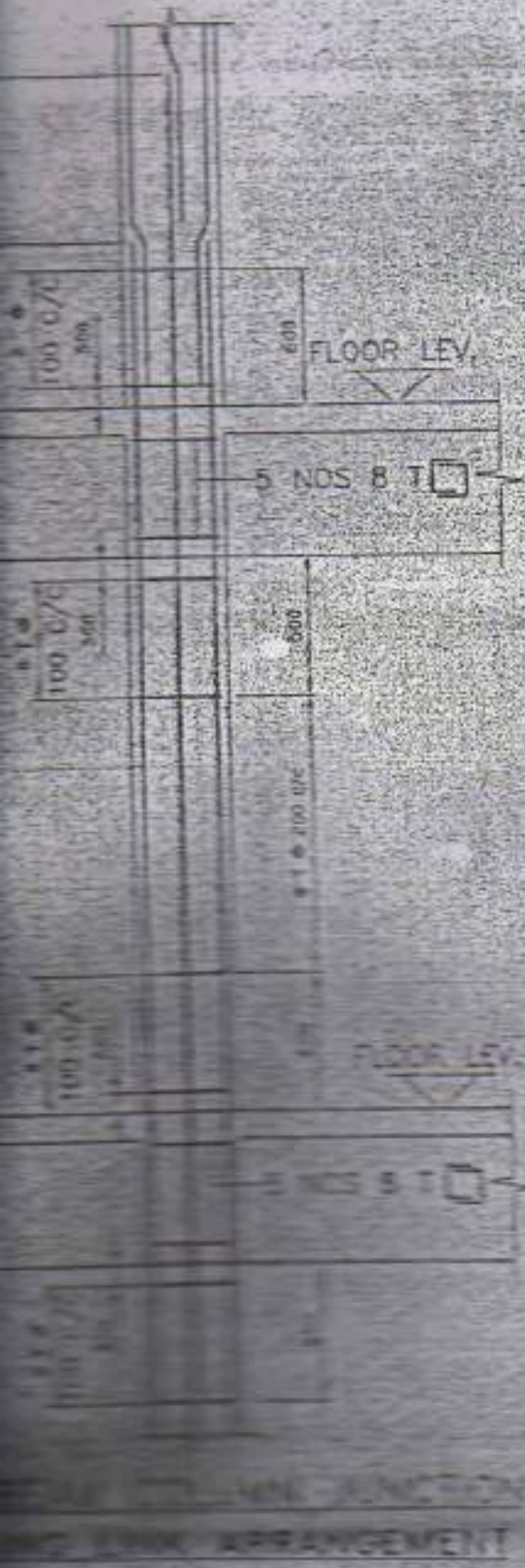
TYPICAL DETAIL OF
RETAINING WALL

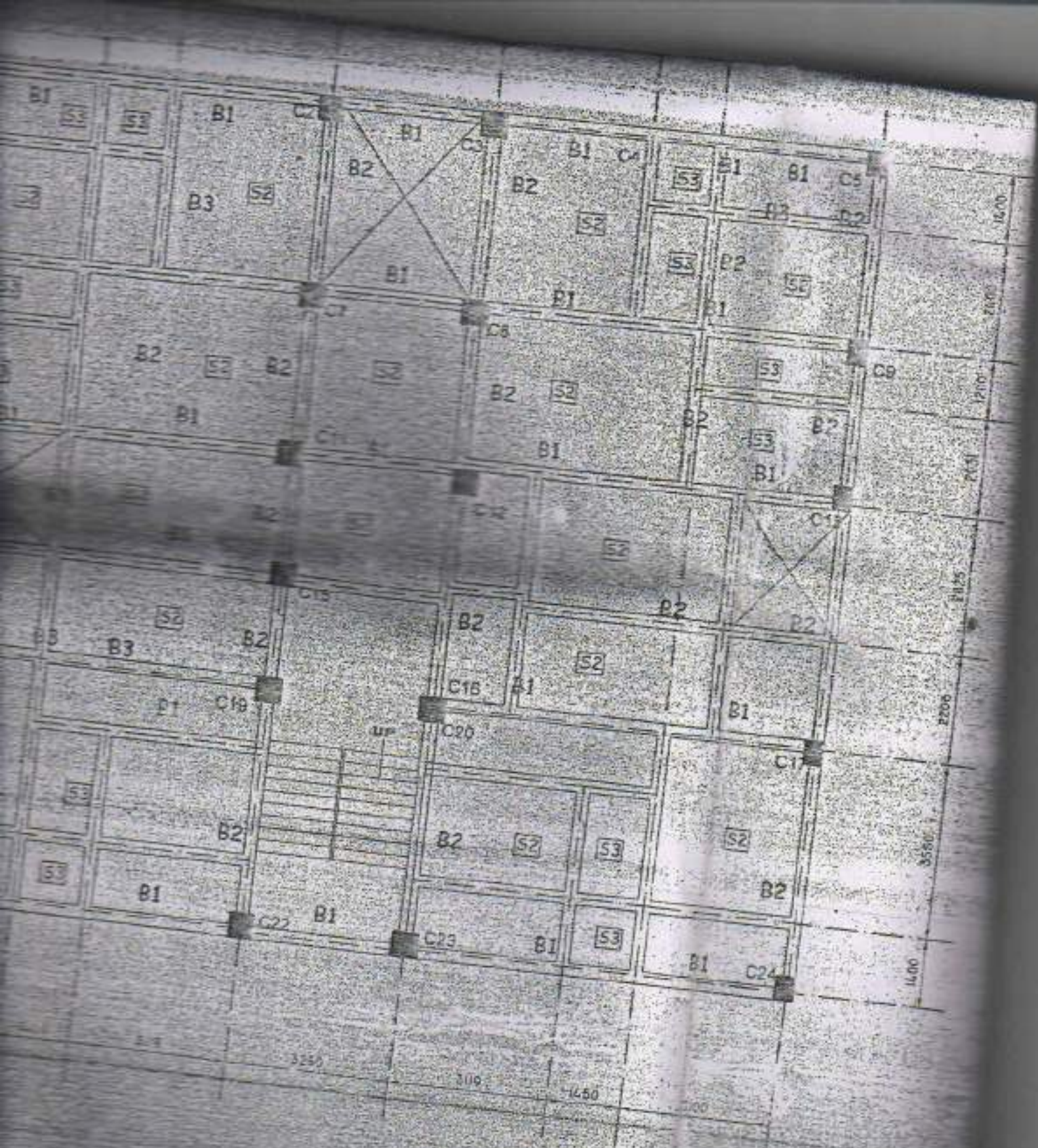


R.C. DETAIL OF FOUNDATION



R.C. DETAIL OF FOUNDATION

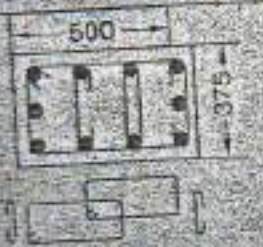
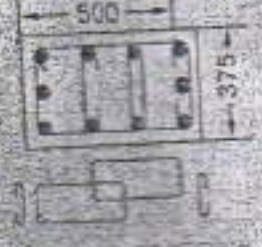
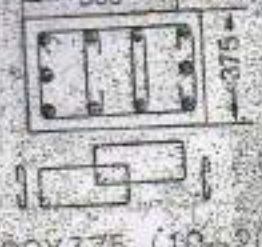
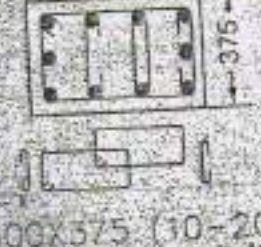




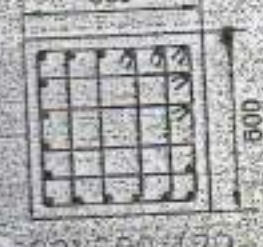


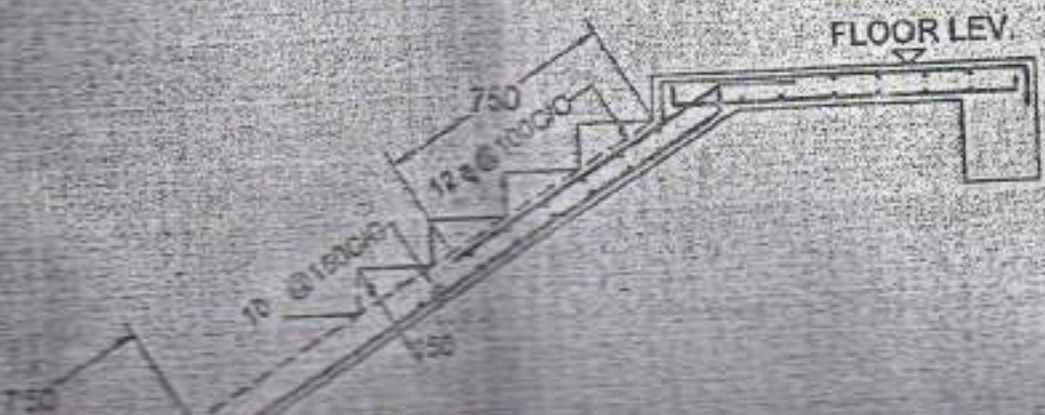


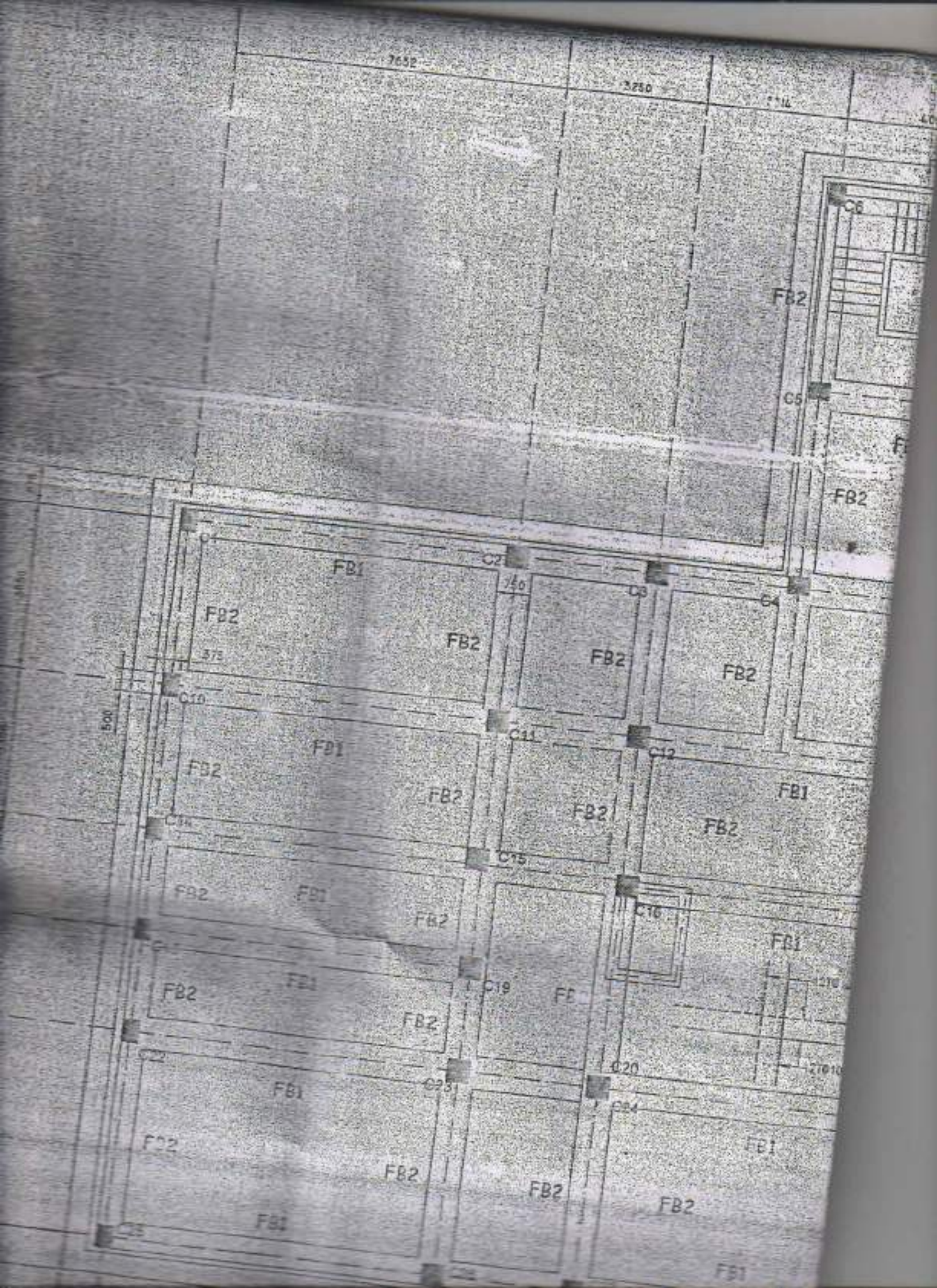
TYPICAL FLOOR PLAN
 (3RD., 4TH., 5TH., 6TH., 7TH.)

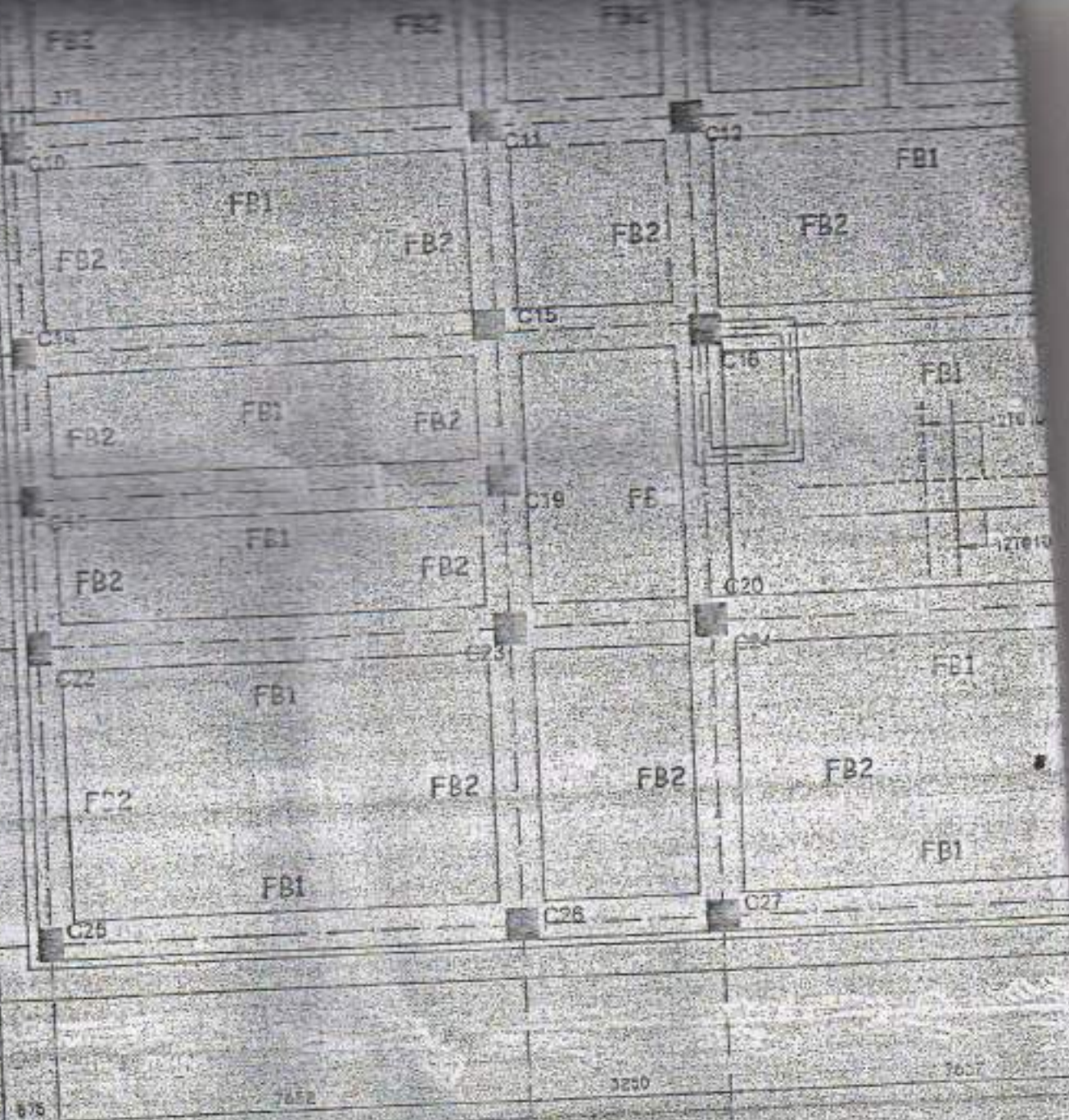
SCHEDULE OF COLUMNS

SIZE AND REINFORCEMENT

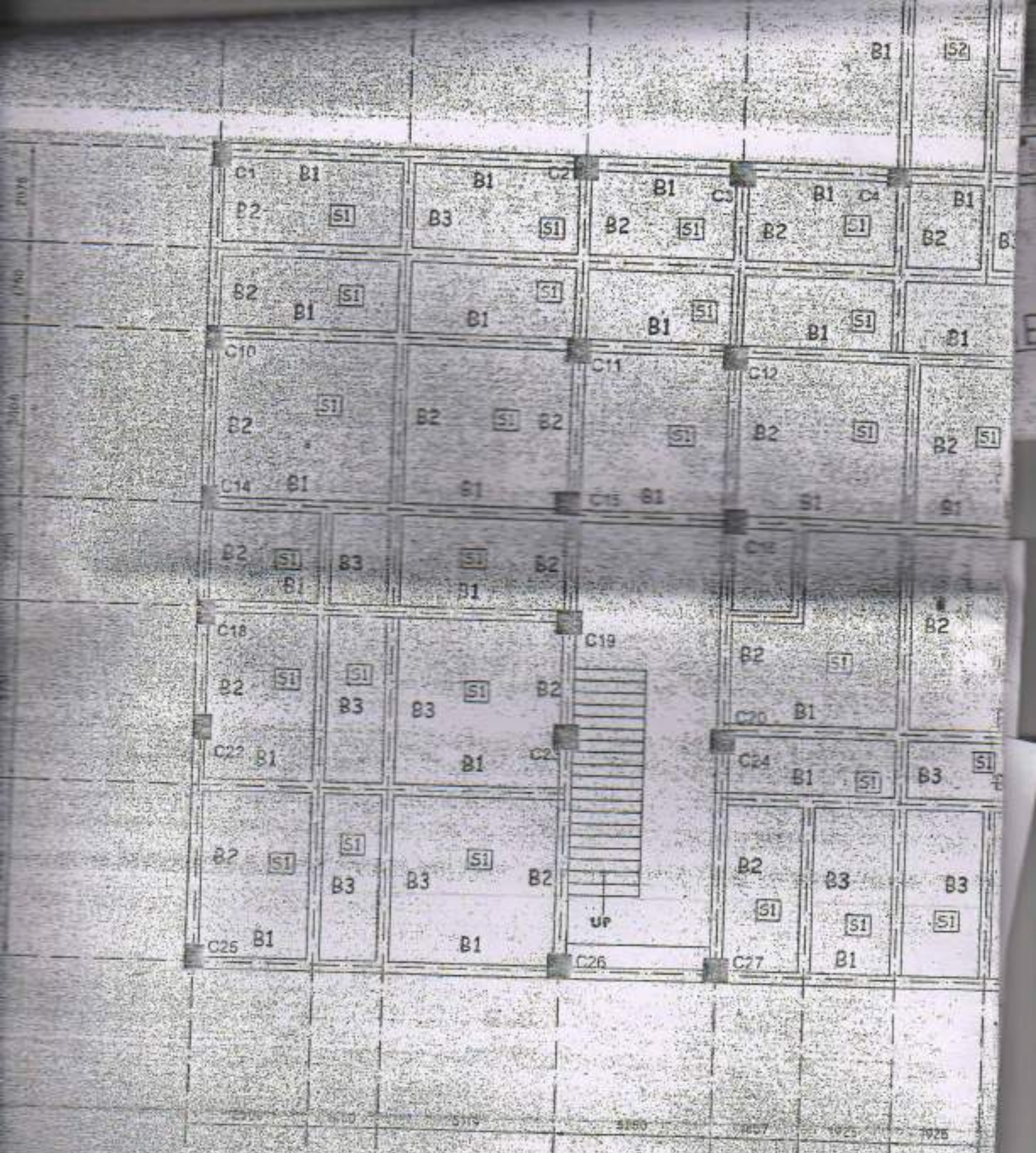
FOUND. LEV. TO 2ND FLOOR LEV.	2ND FLOOR LEV. TO 3RD FLOOR LEV.	3RD FLOOR LEV. TO ROOF LEVEL	ABOVE ROOF LEVEL
 <p>500x375 (4-25) 3 SETS LINKS @ 150 C/C</p>	 <p>500x375 (4-25) 3 SETS LINKS @ 150 C/C</p>	 <p>500x375 (10-20T) 3 SETS LINKS @ 150 C/C</p>	 <p>500x375 (30-20T) 3 SETS LINKS @ 150 C/C (3/SET)</p>
 <p>500x375 (12-20T) 3 SETS LINKS @ 150 C/C (3/SET)</p>	END AT 2ND FLOOR ROOF LEVEL		
 <p>600x600 (20-20T) 3 SETS LINKS @ 150 C/C (3/SET)</p>	 <p>600x600 (20-20T) 3 SETS LINKS @ 150 C/C (3/SET)</p>	 <p>600x600 (20-20T) 3 SETS LINKS @ 150 C/C (3/SET)</p>	 <p>600x600 (20-20T) 3 SETS LINKS @ 150 C/C (3/SET)</p>







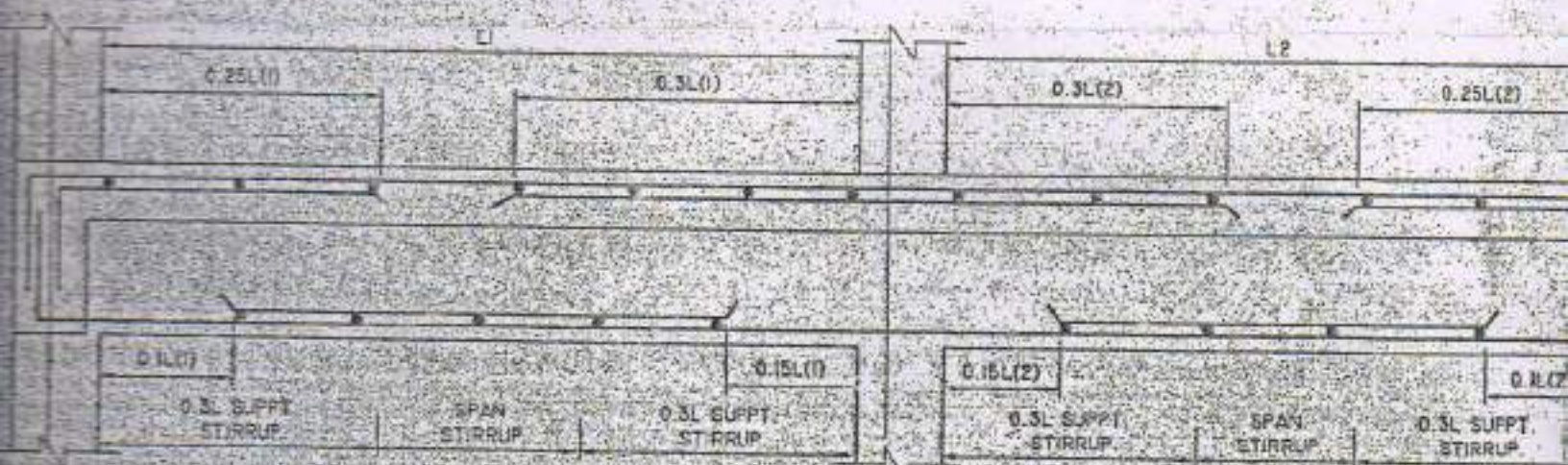
BASEMENT PLAN



**TYPICAL FLOOR PLAN
(1ST.+2ND.)**

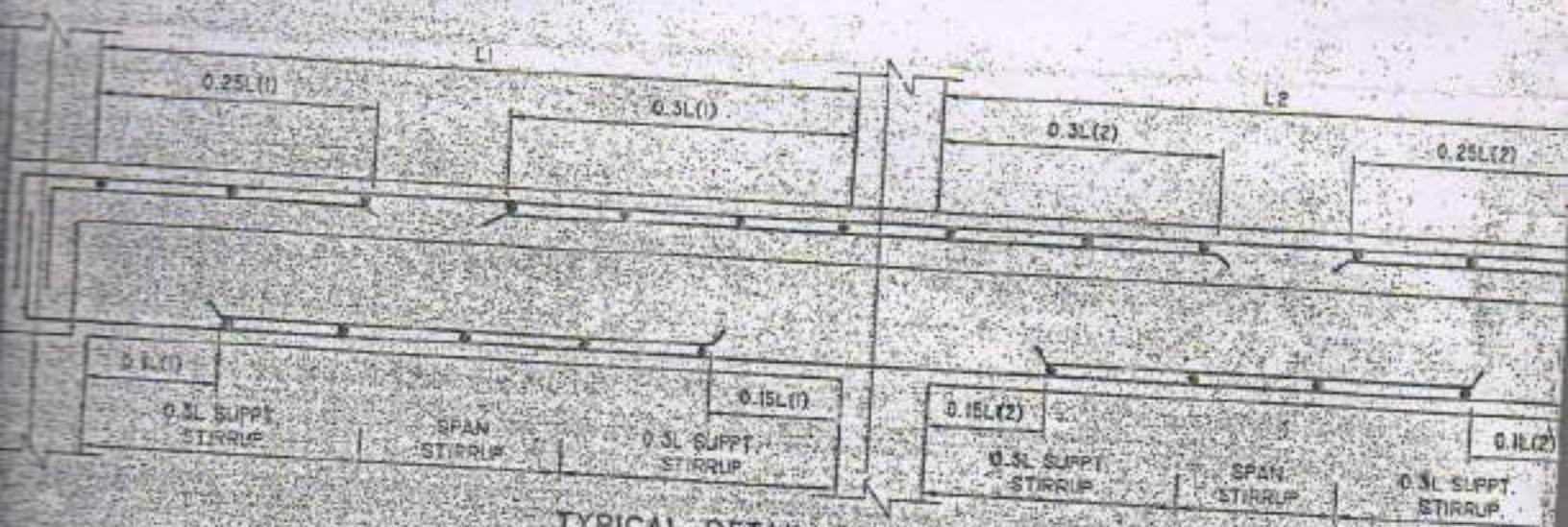
SCHEDULE OF FLO

PORT	AT SPAN		STIRRUPS		SLAB MKD.	SLAB THICK.	LONG SPAN REINFOR.	
	TOP	BOT	SUPPORT	SPAN			SUPPORT	MID SPAN
3-20T	3-20T	6-20T	10T@100c/c	10T@250c/c	S1	175	10T @125 C/	10T @125 C/
3-20T	3-20T	3-20T+3-16T	10T@150c/c	10T@250c/c	S2	150	10T @150 C/	10T @150 C/
2-20T	2-20T	2-20T+1-16T	8T@125c/c	8T@200c/c	S3	125	8T @125 C/	8T @125 C/



TYPICAL DETAIL OF CONTINUOUS BEAM



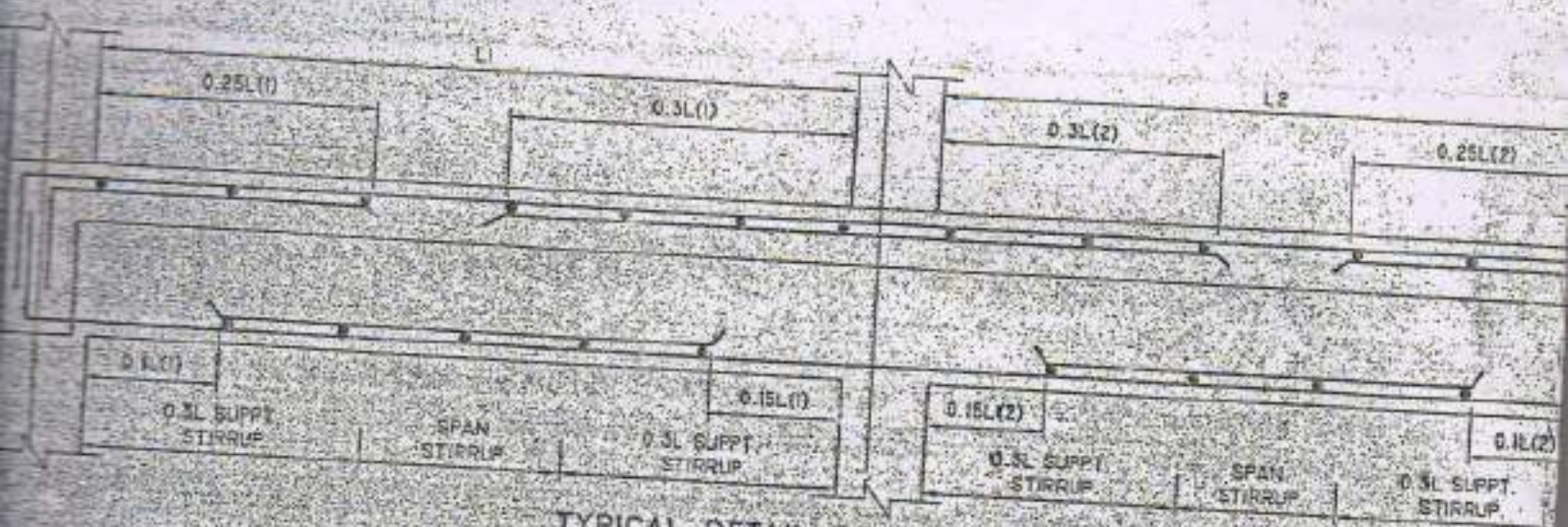


TYPICAL DETAIL OF CONTINUOUS BEAM



SECTION OF SLAB SHOWING REINF. CURTAILMENT

3050	3719	5250	3169	4256
				B2
				08



TYPICAL DETAIL OF CONTINUOUS BEAM



SECTION OF SLAB SHOWING REINF. CURTAILMENT

3050	3719	5250	3169	4256
				B2
				C8