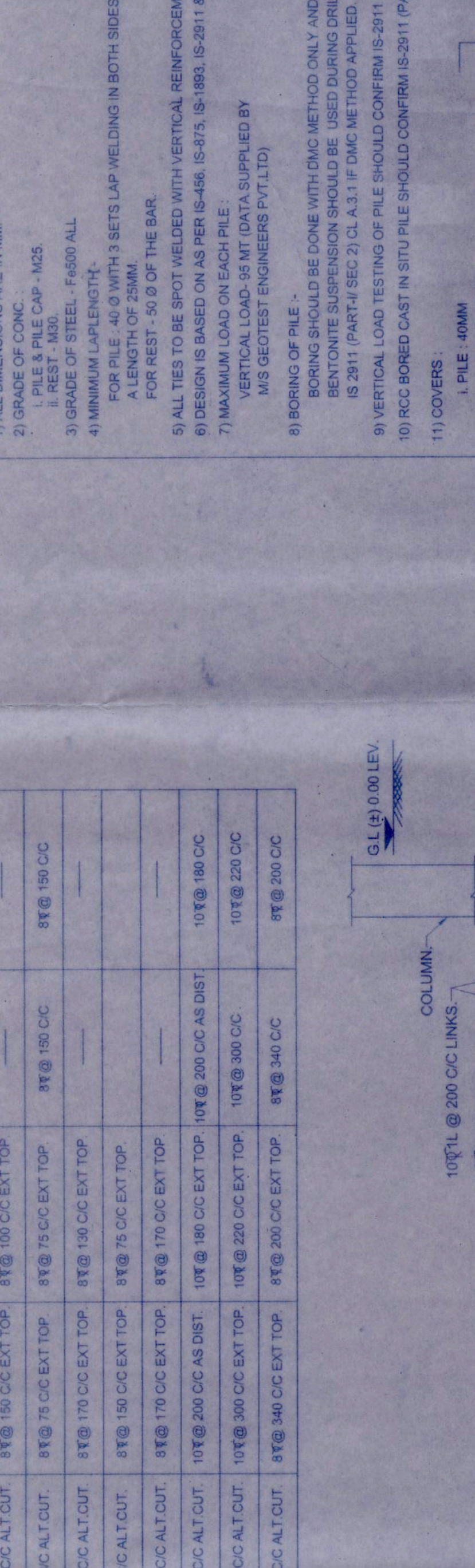


**SCHEDULE OF STAIR**

SLAB THICKNESS = 175 mm  
PROVIDE 10# @ 75 CC ALONG LONGER DR. AND 8# @ 250 CC ALONG SHORTER DR. AS NOTED.

**SCHEDULE OF PILE CAP**

PILE CAP NO.	FILE CAP	NO. OF PILE	PILE DIA.	DEPTH	REINFORCEMENT AT BOT.	REINFORCEMENT AT TOP
PC2	1000X2400	2	500	1000	LONGER DR. 10#12 SHORTER DR. 10#12	SHORTER DR. 10#12 LONGER DR. 10#12
PC3	2000X2400	3	500	1200	20# @ 100 CC 20# @ 100 CC	12# @ 200 CC 12# @ 200 CC
PC4	2400X2400	4	500	1200	20# @ 100 CC 20# @ 100 CC	12# @ 200 CC 12# @ 200 CC
4-TH LIFT	3800X5100	9	500	1300	20# @ 125 CC 20# @ 125 CC	16# @ 175 CC 16# @ 175 CC

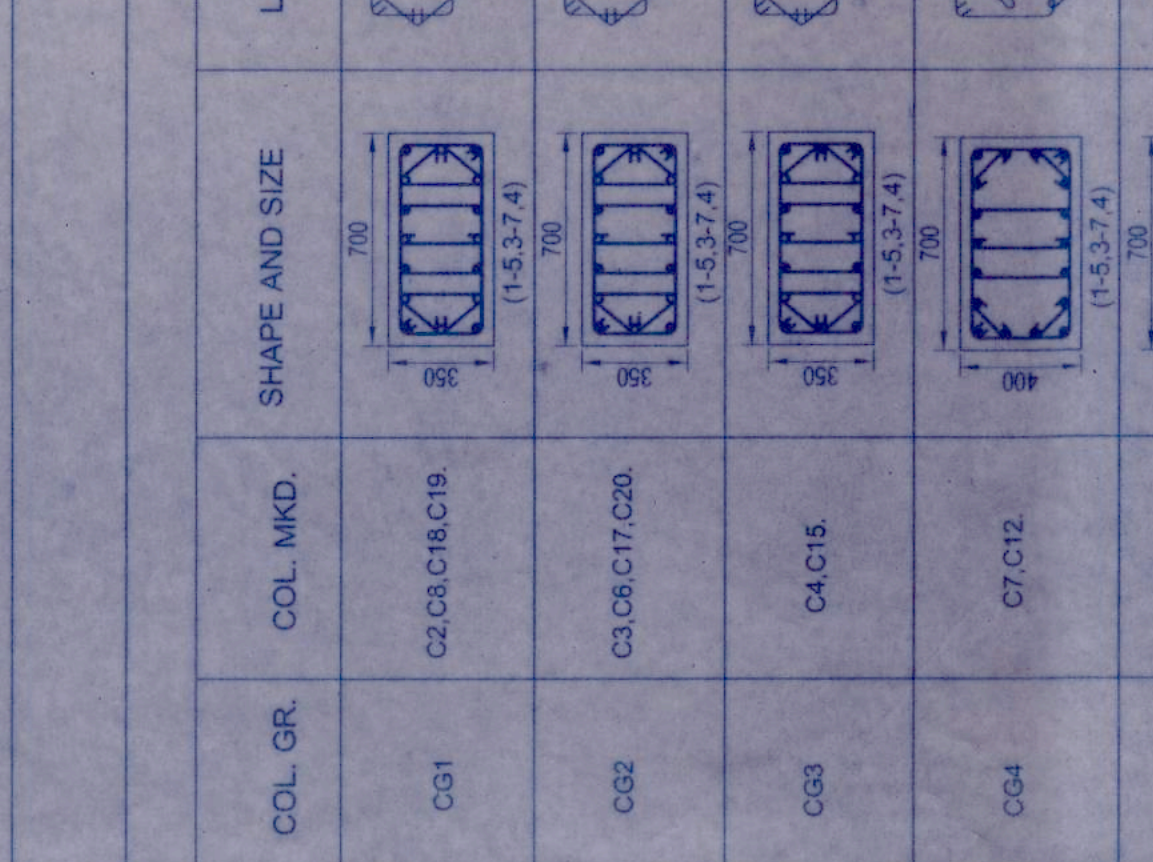
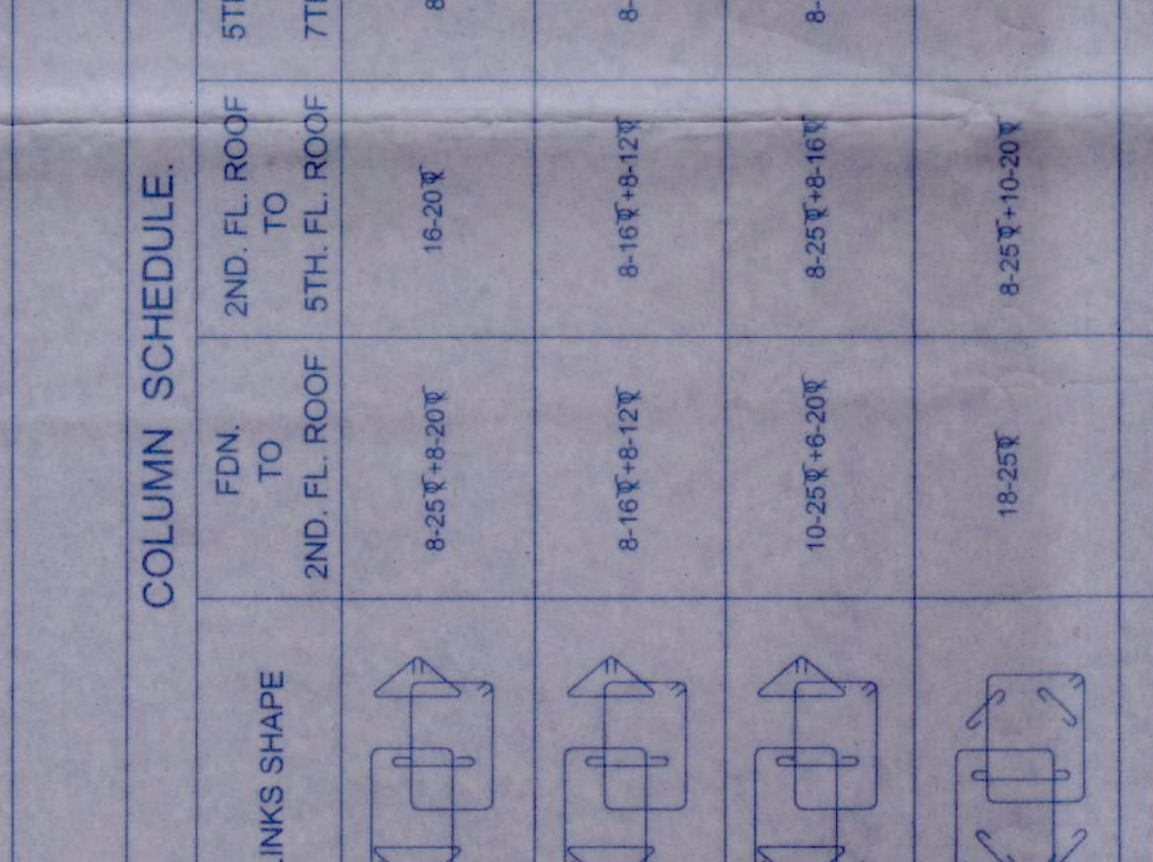
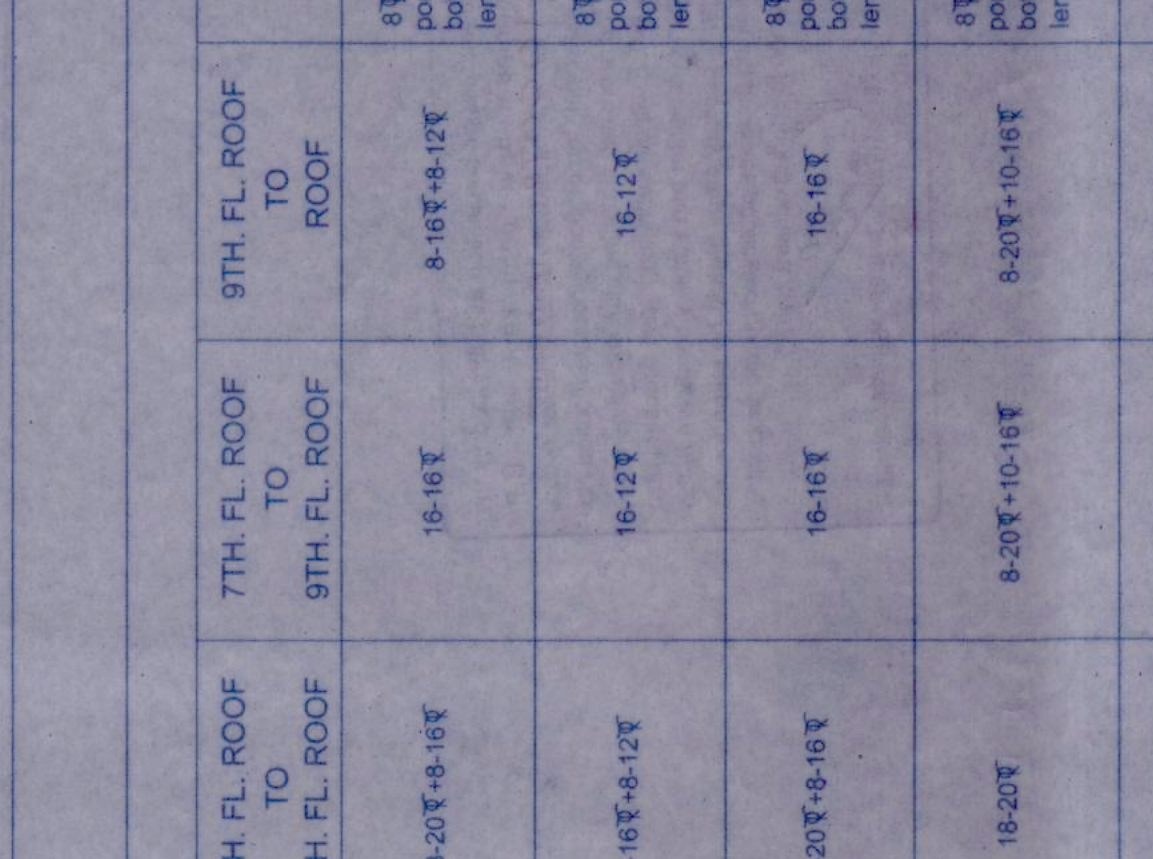
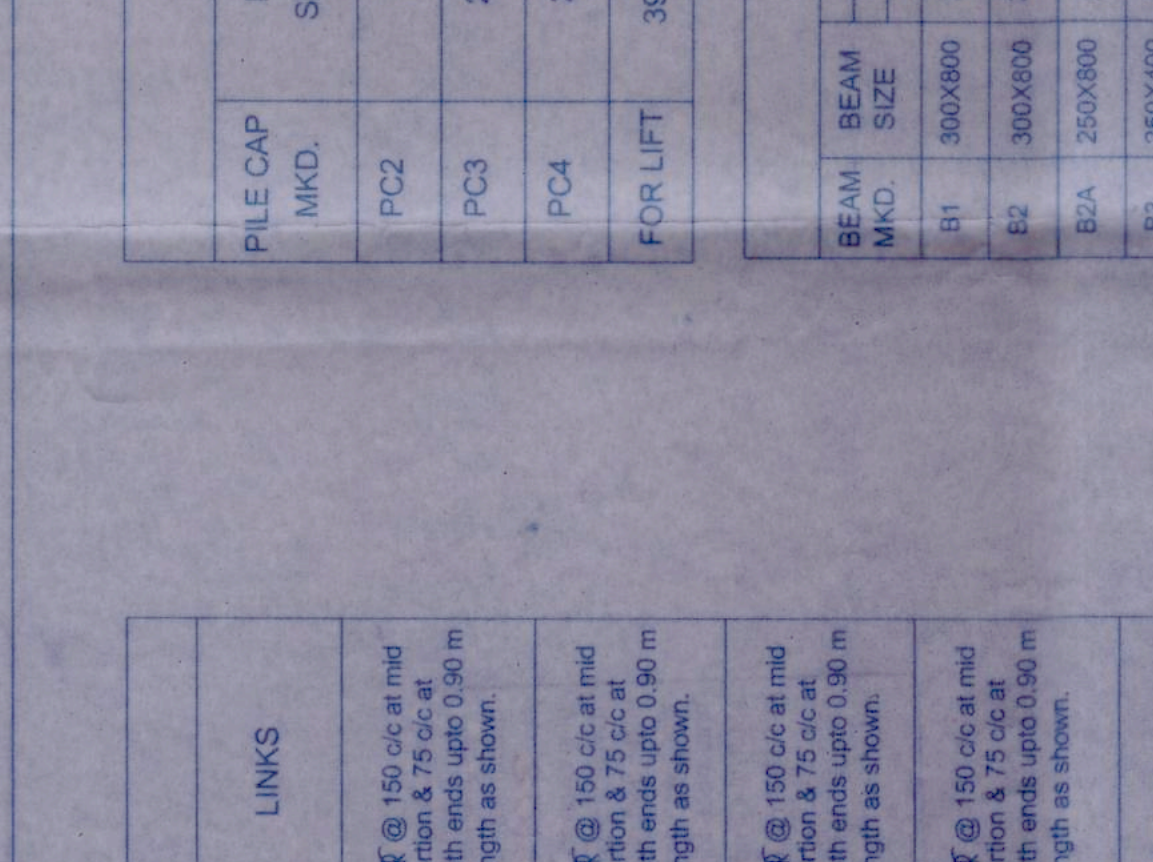
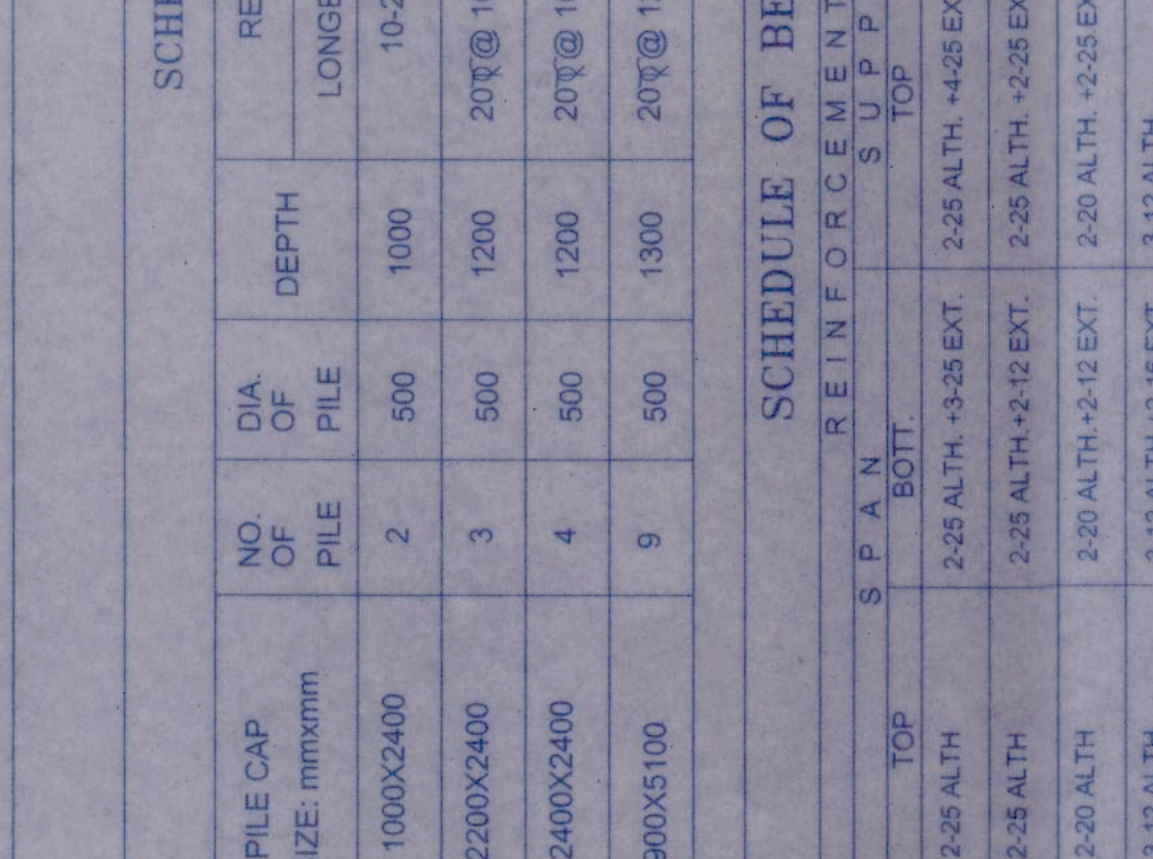
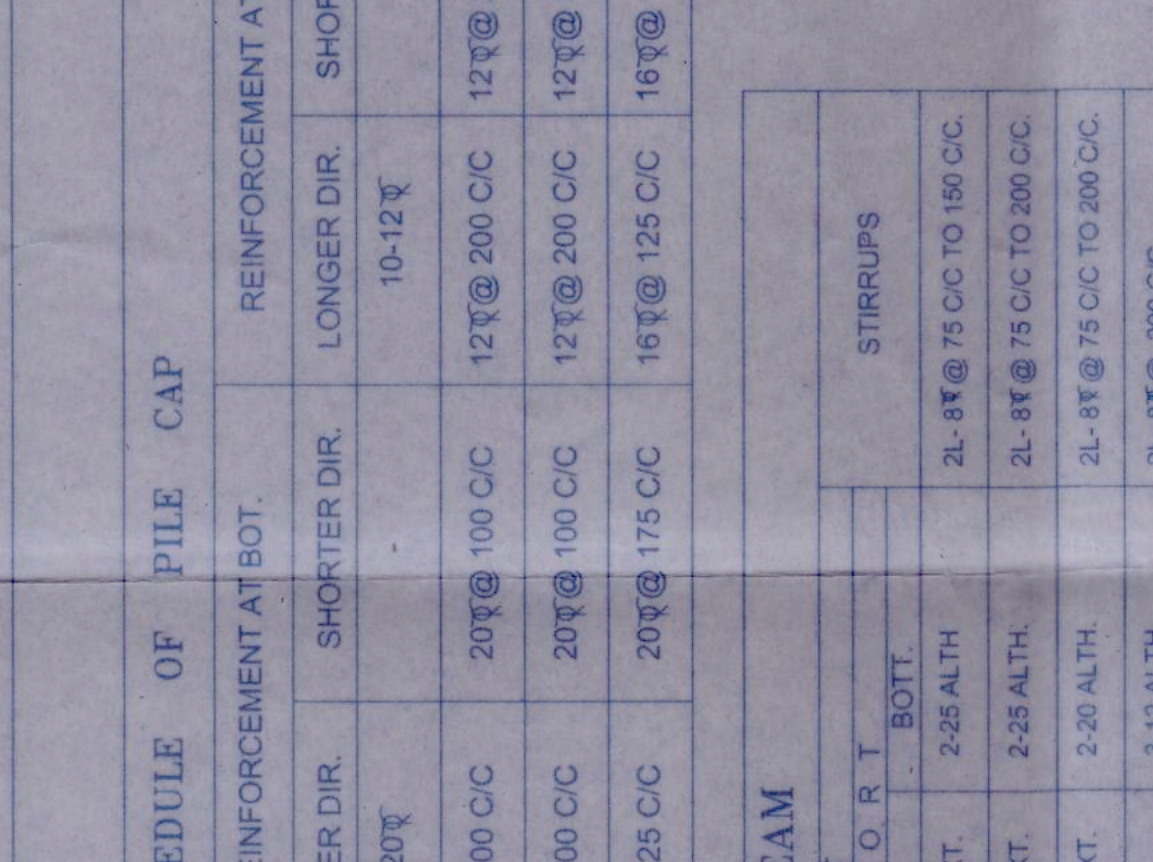
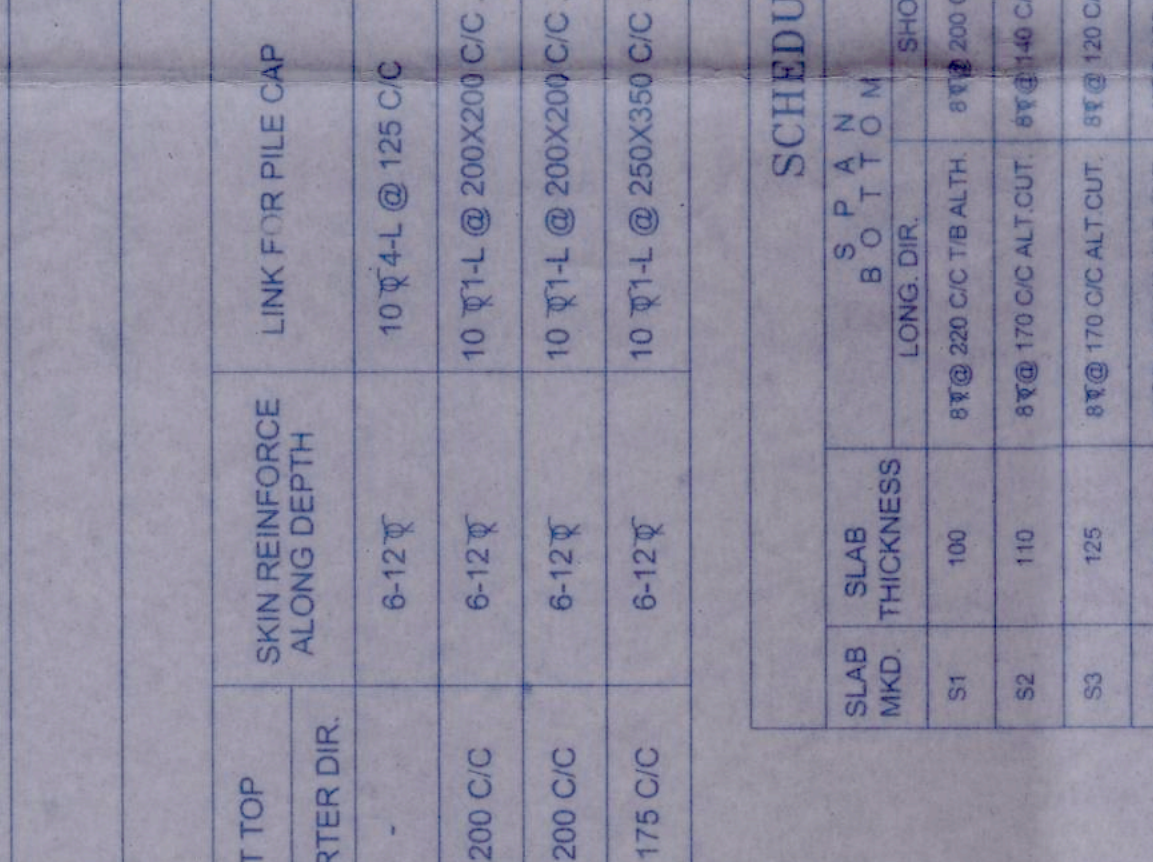
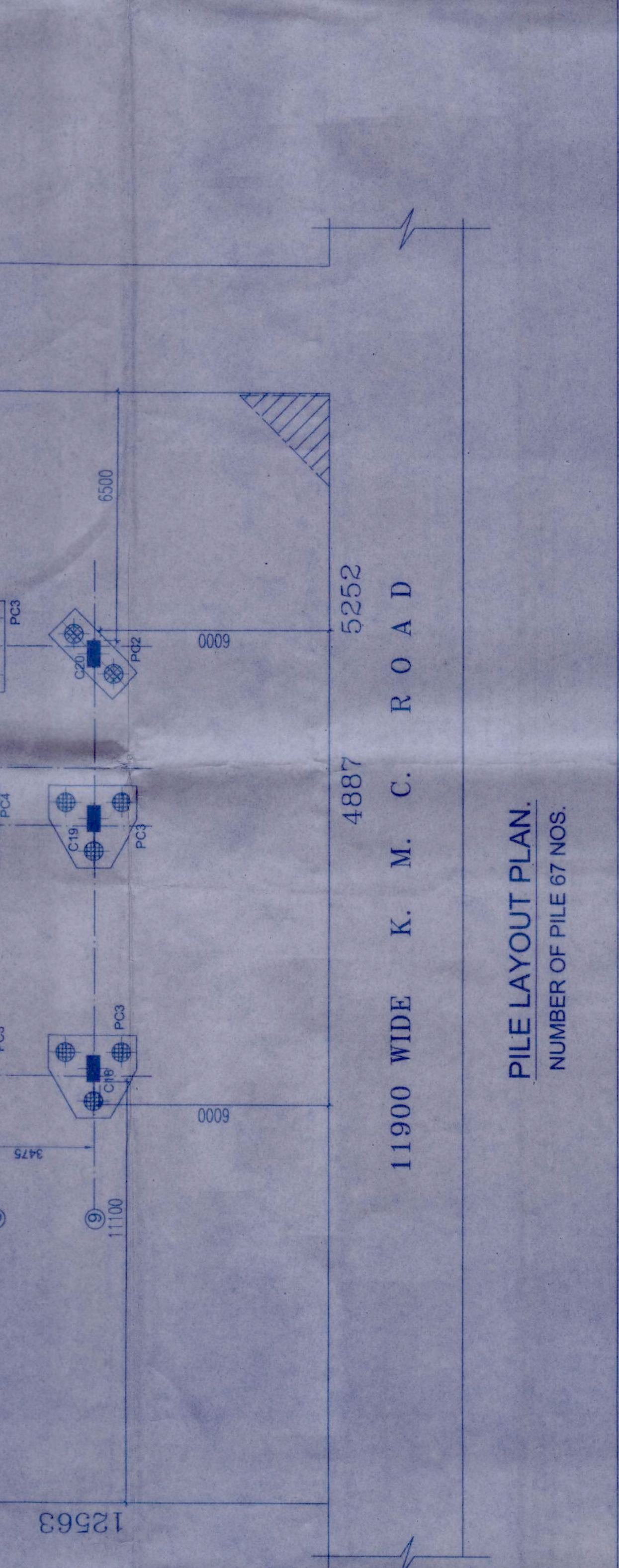
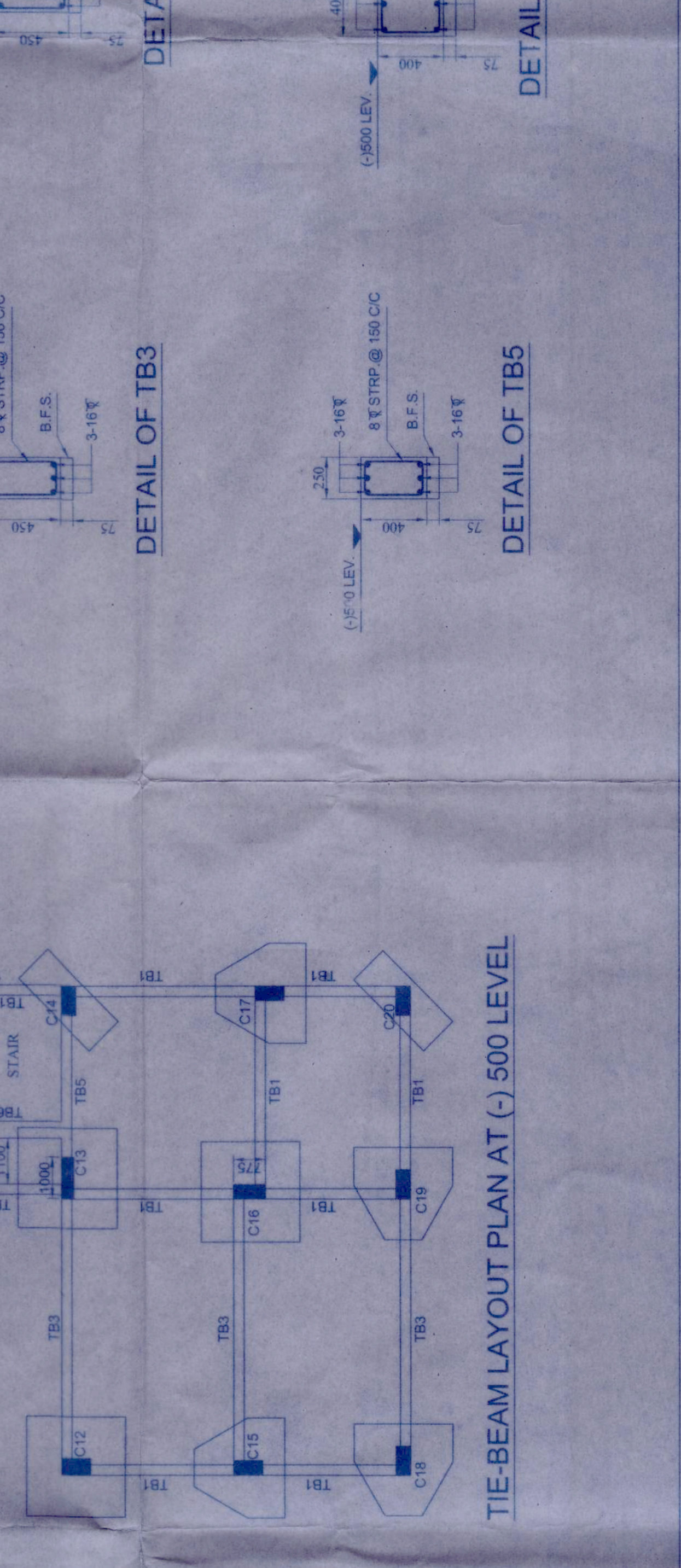
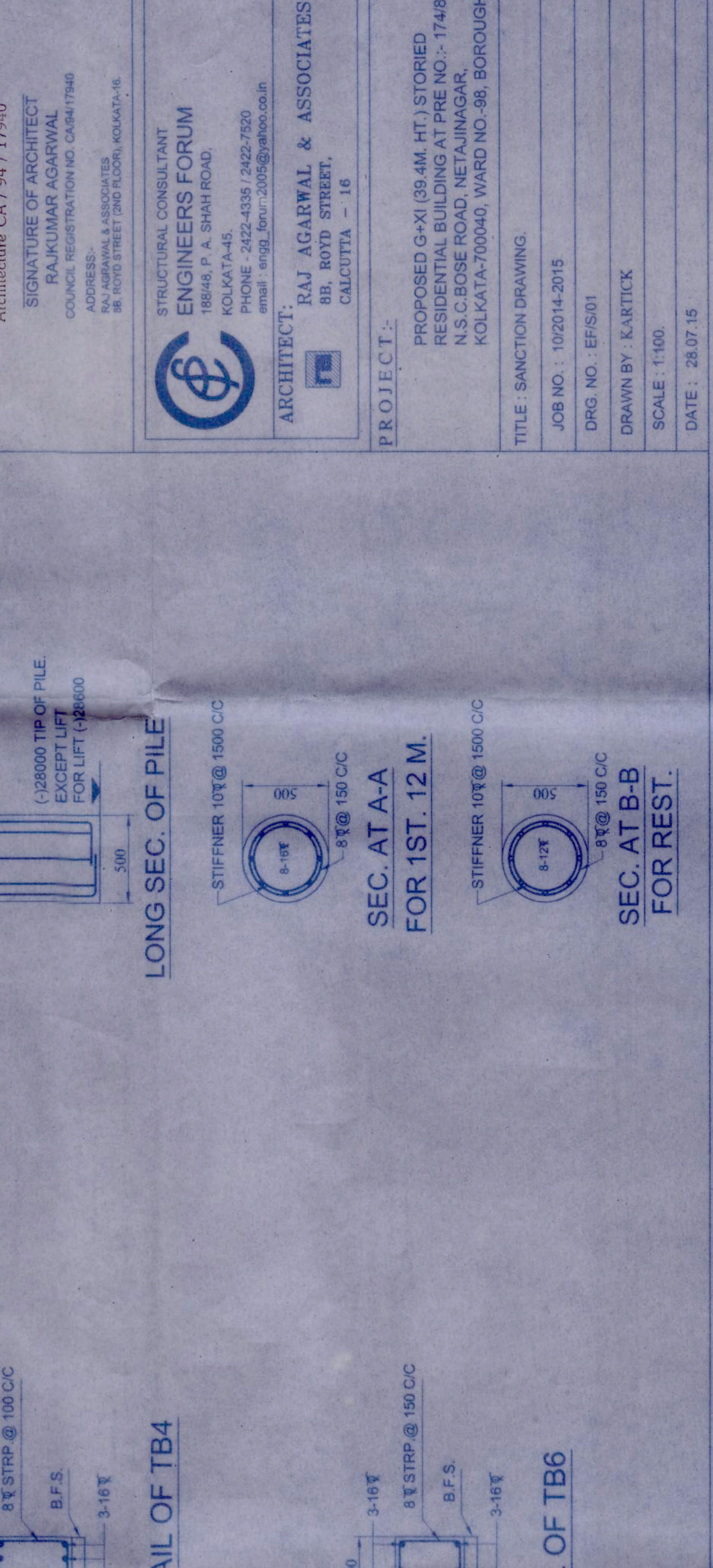
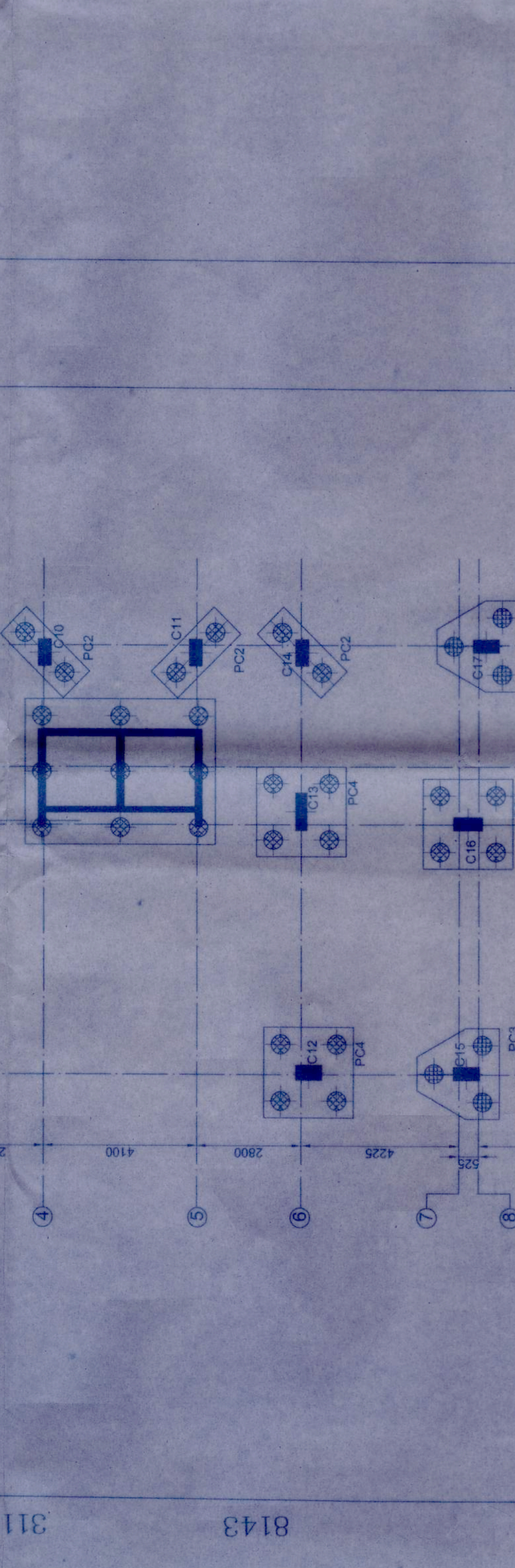
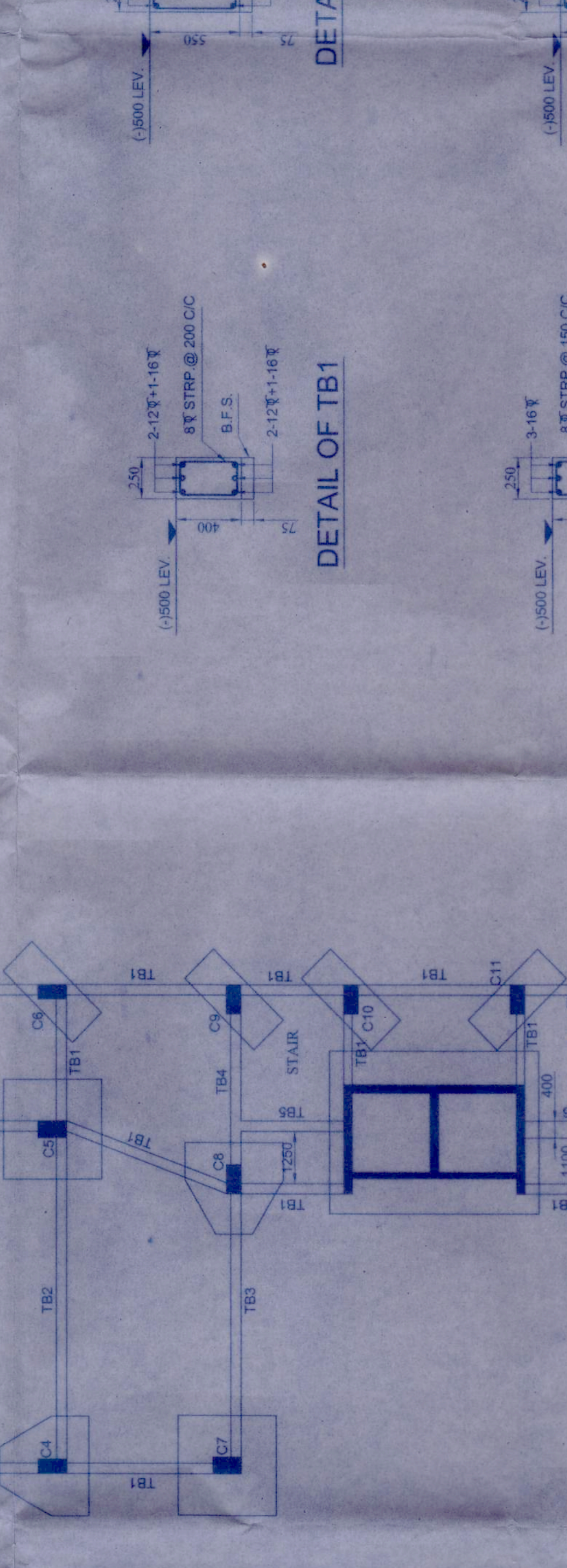
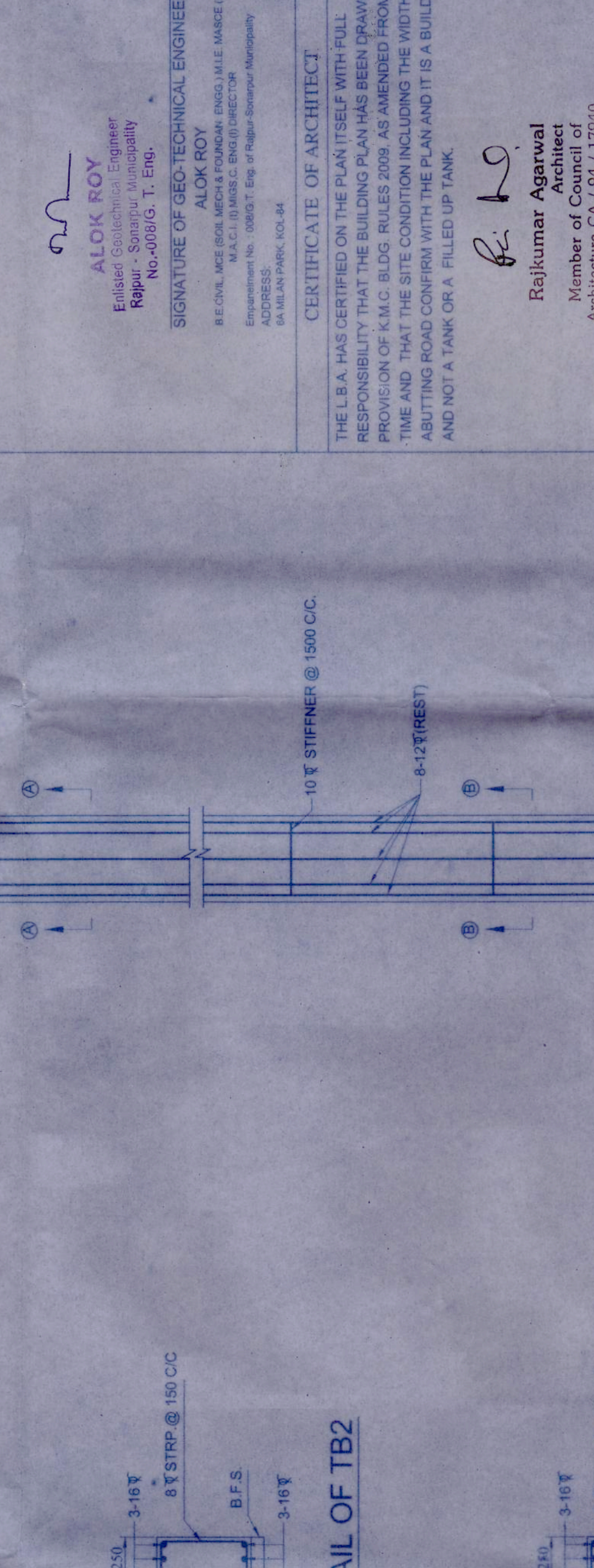
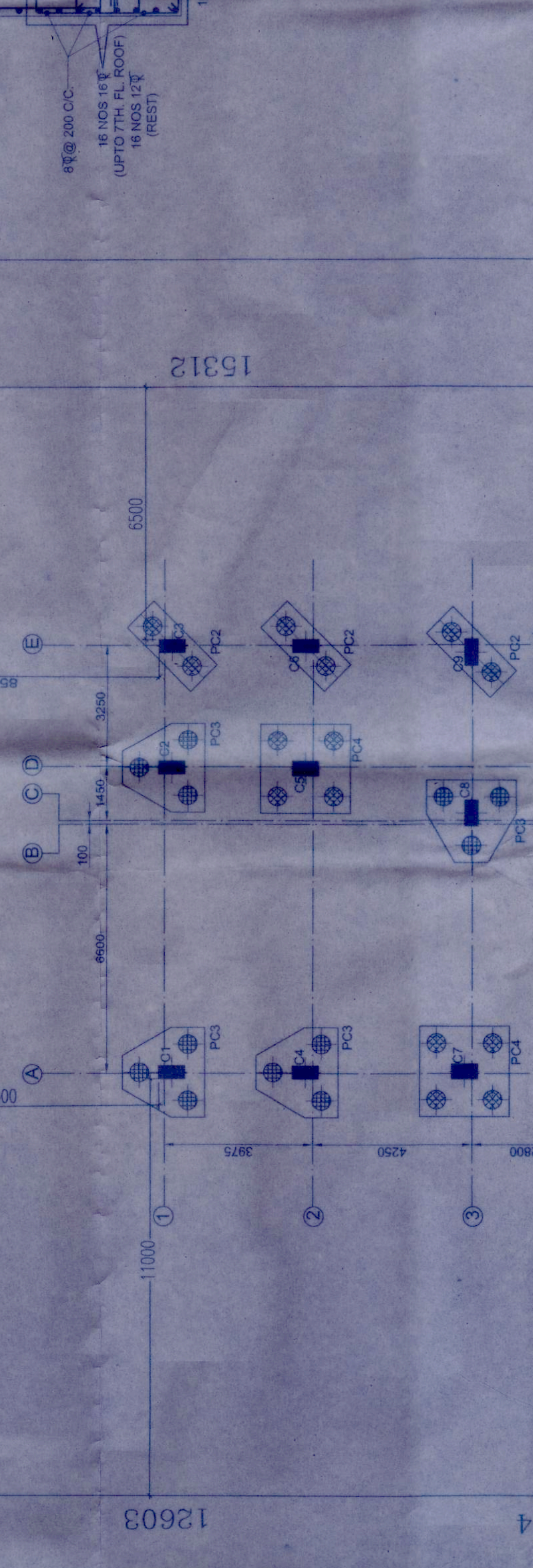
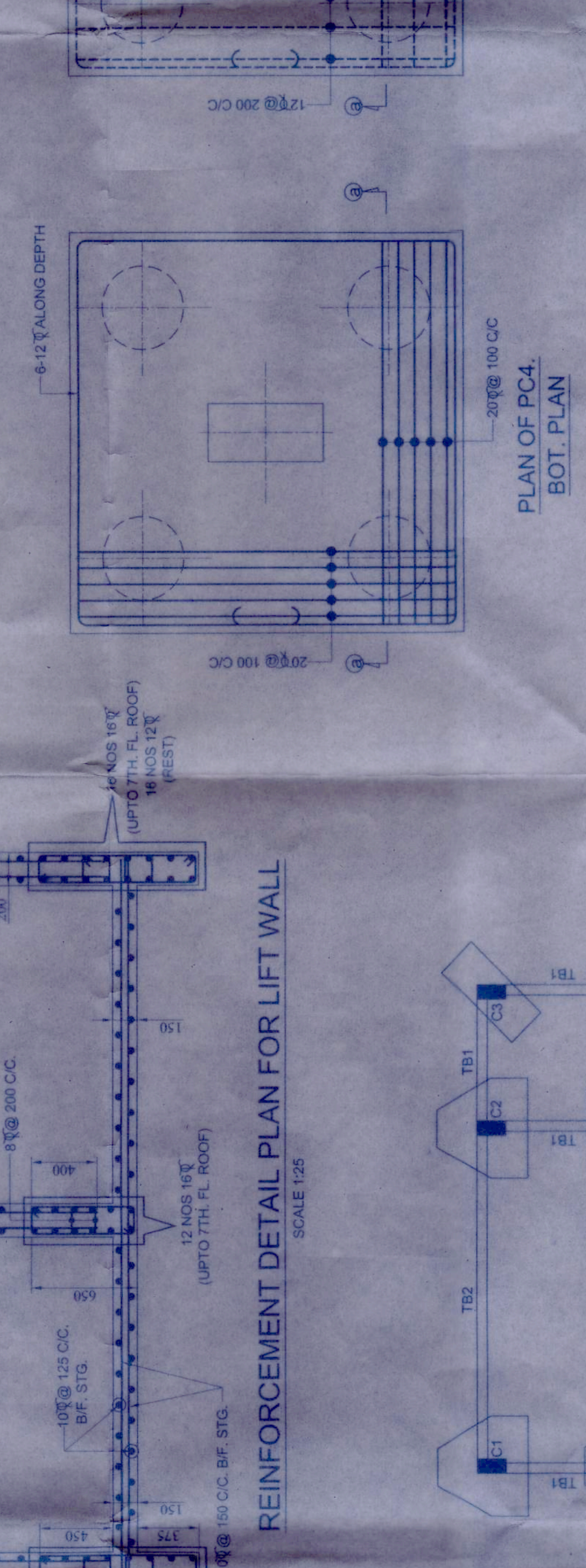
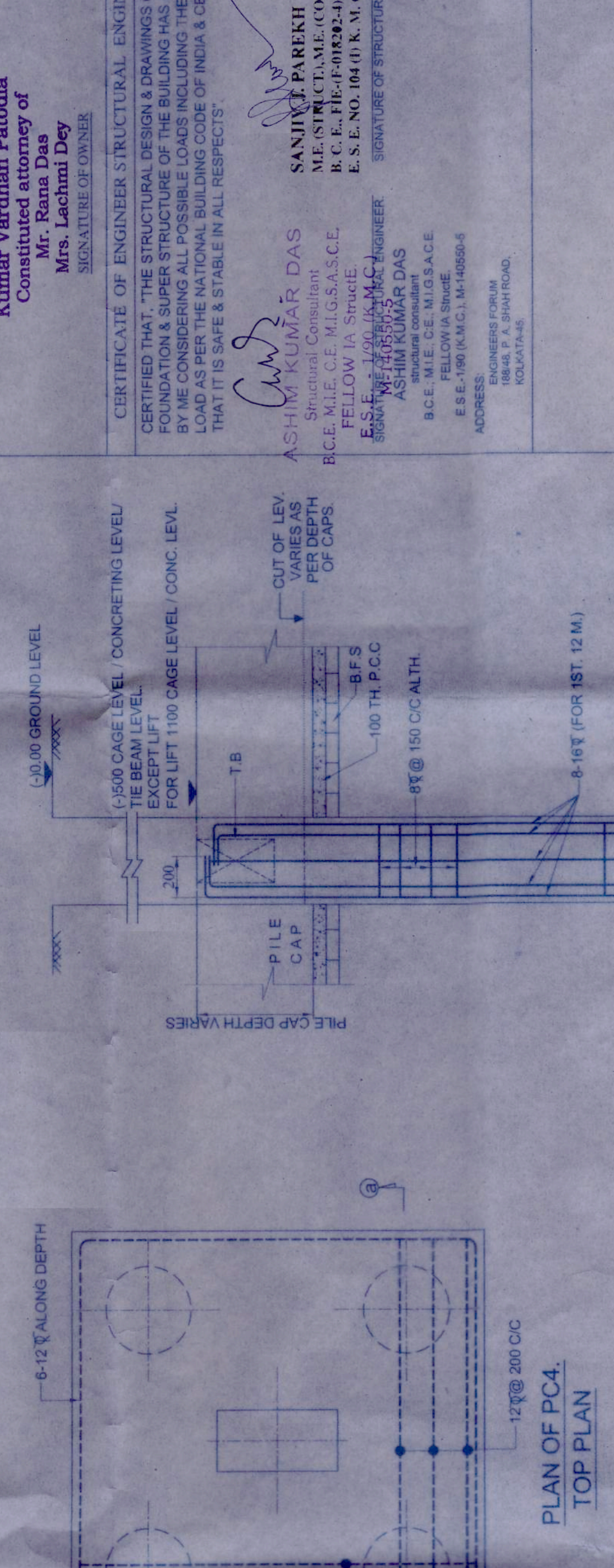
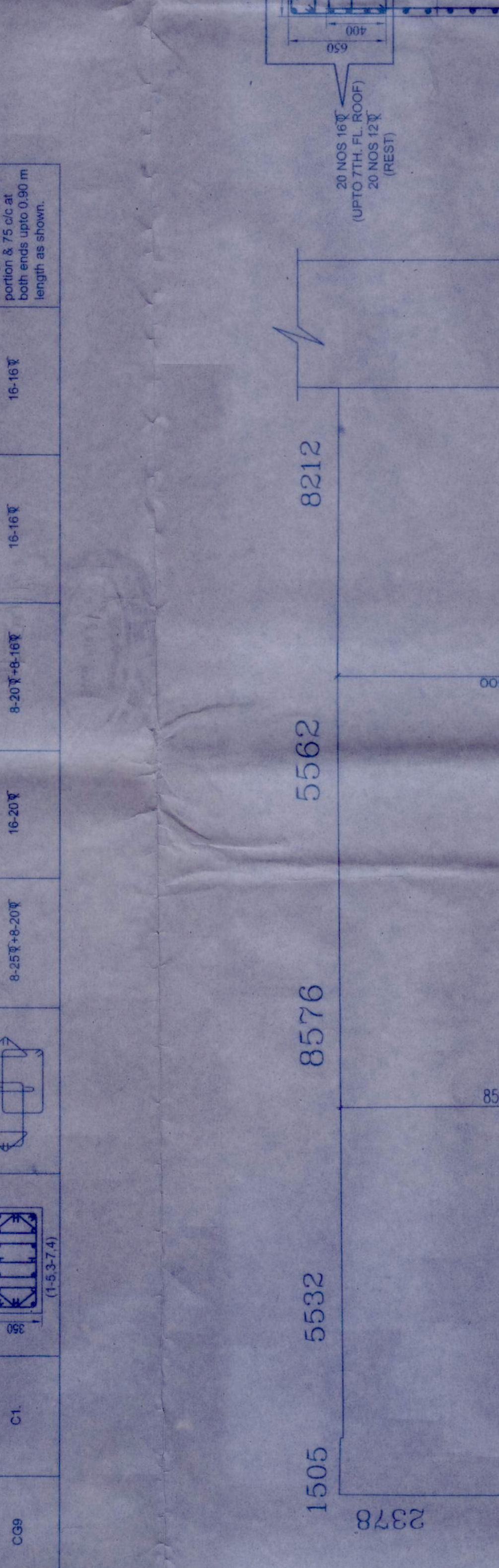
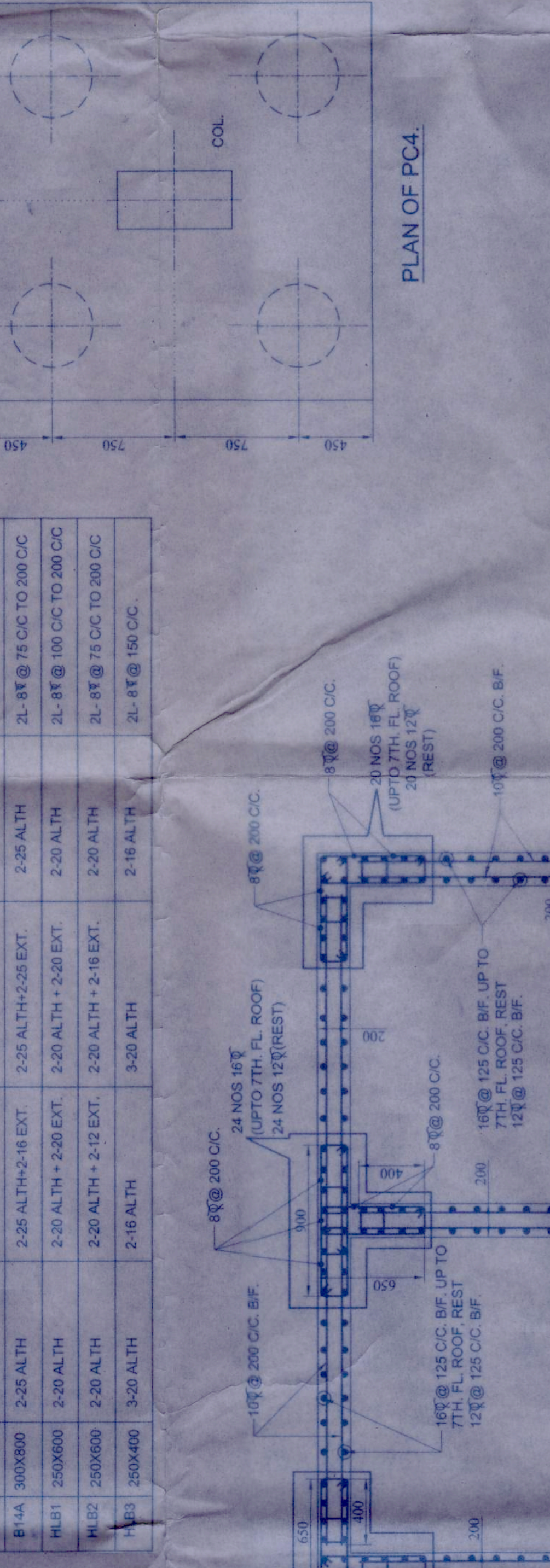
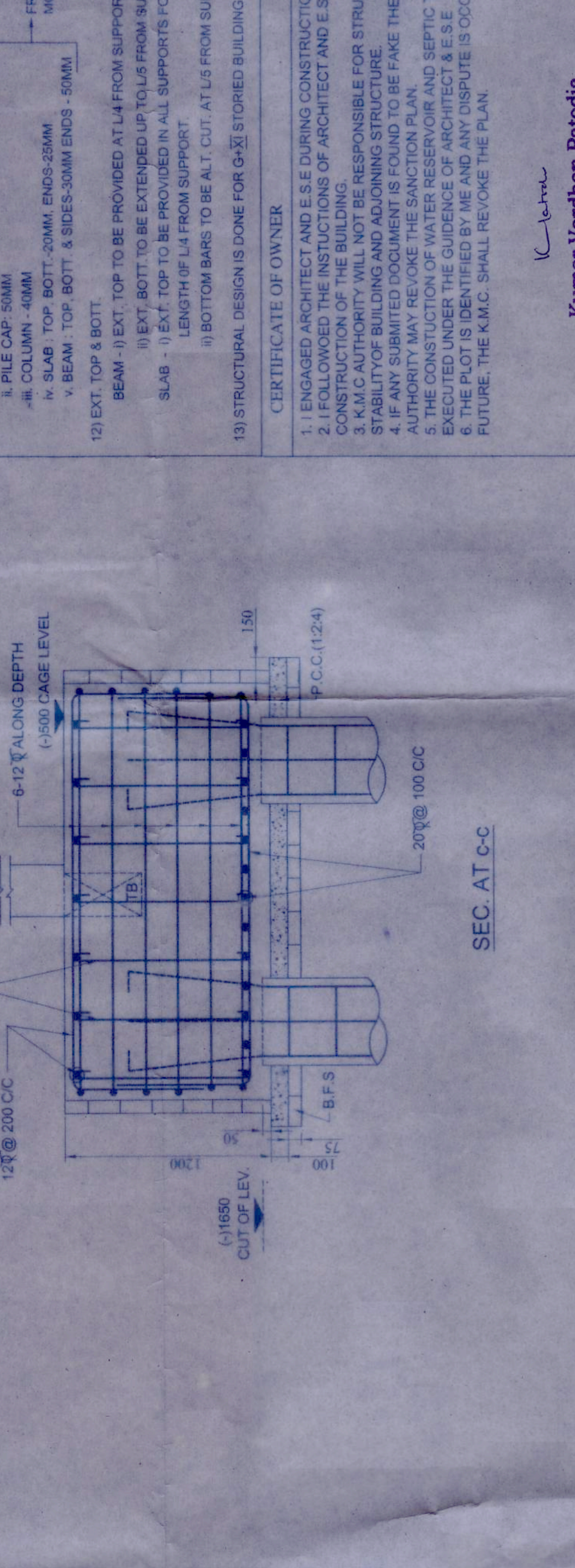
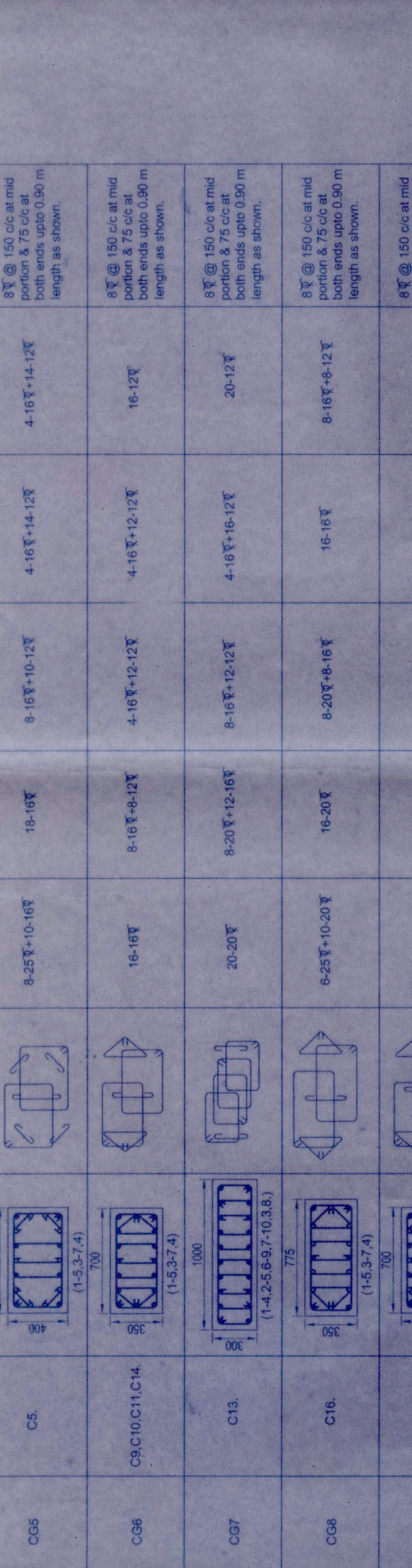
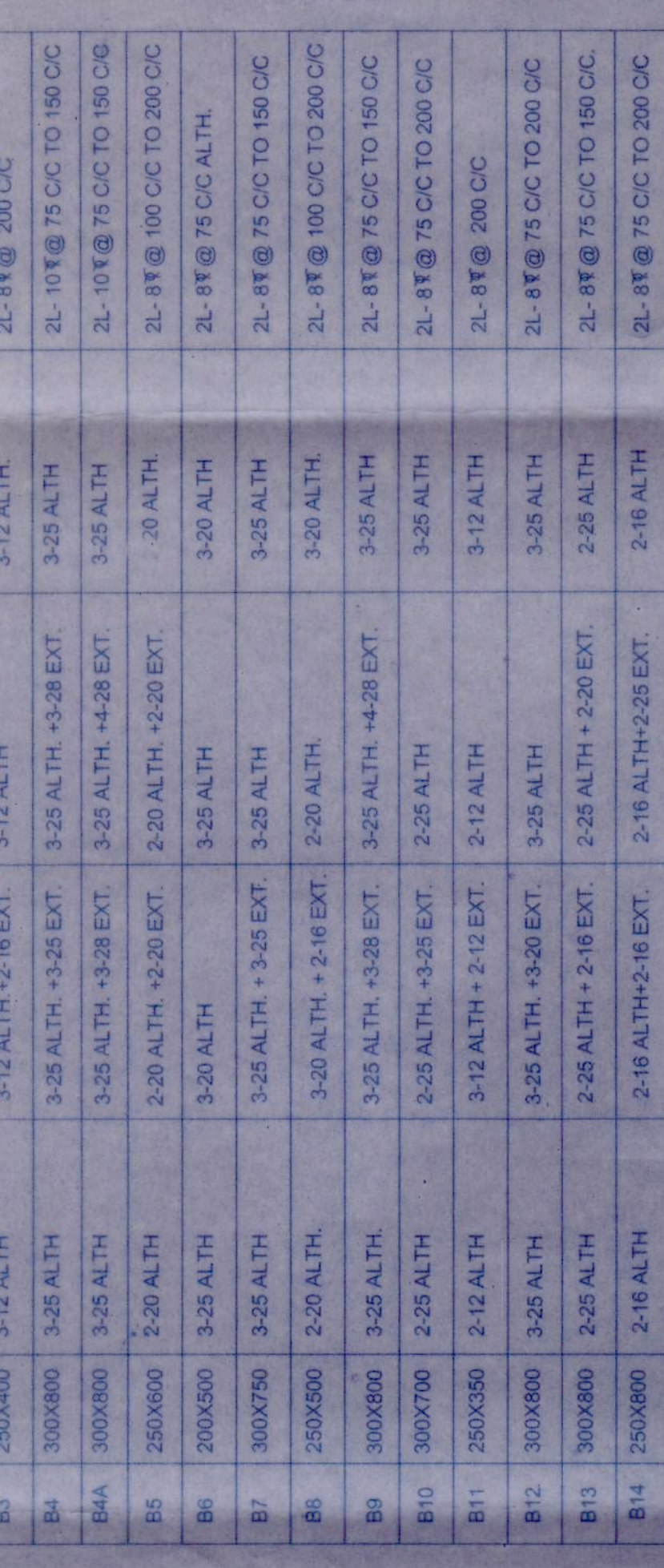


**SCHEDULE OF BEAM**

BEAM NO.	BEAM SIZE	TOP	BOTT.	STRIPS
B1	300X600	2-25 ALTH	2-25 ALTH + 4-25 EXT.	2-8 ALTH @ 75 CC TO 200 CC
B2	300X600	2-25 ALTH	2-25 ALTH + 4-25 EXT.	2-8 ALTH @ 75 CC TO 200 CC
B3	300X600	2-25 ALTH	2-25 ALTH + 4-25 EXT.	2-8 ALTH @ 75 CC TO 200 CC

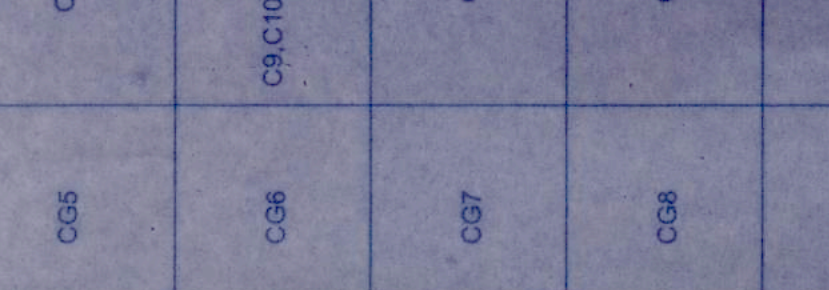
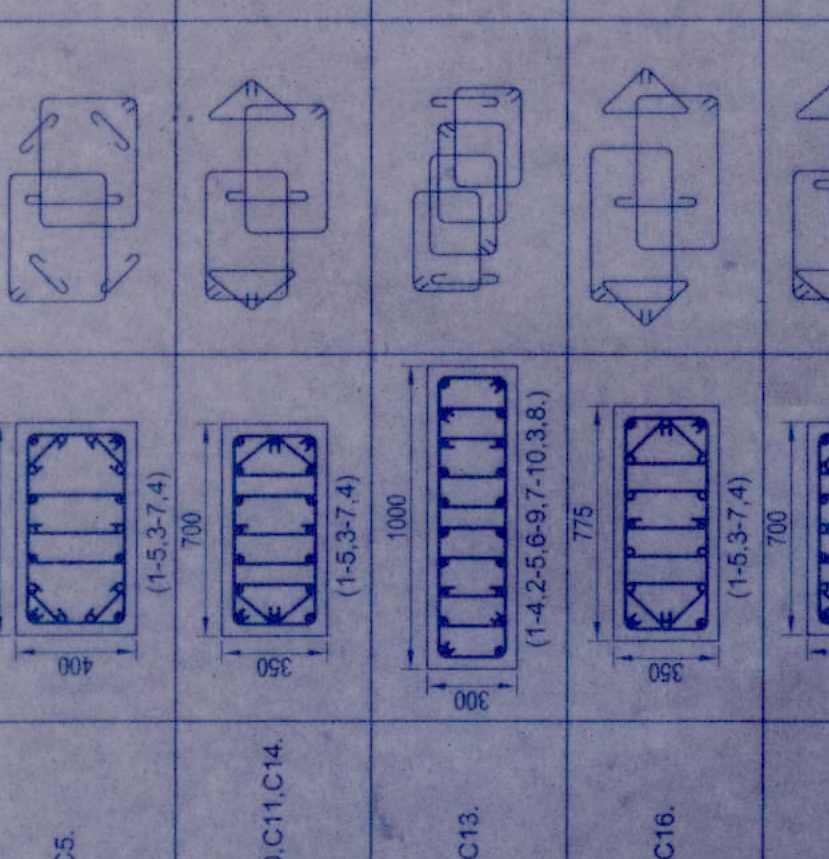
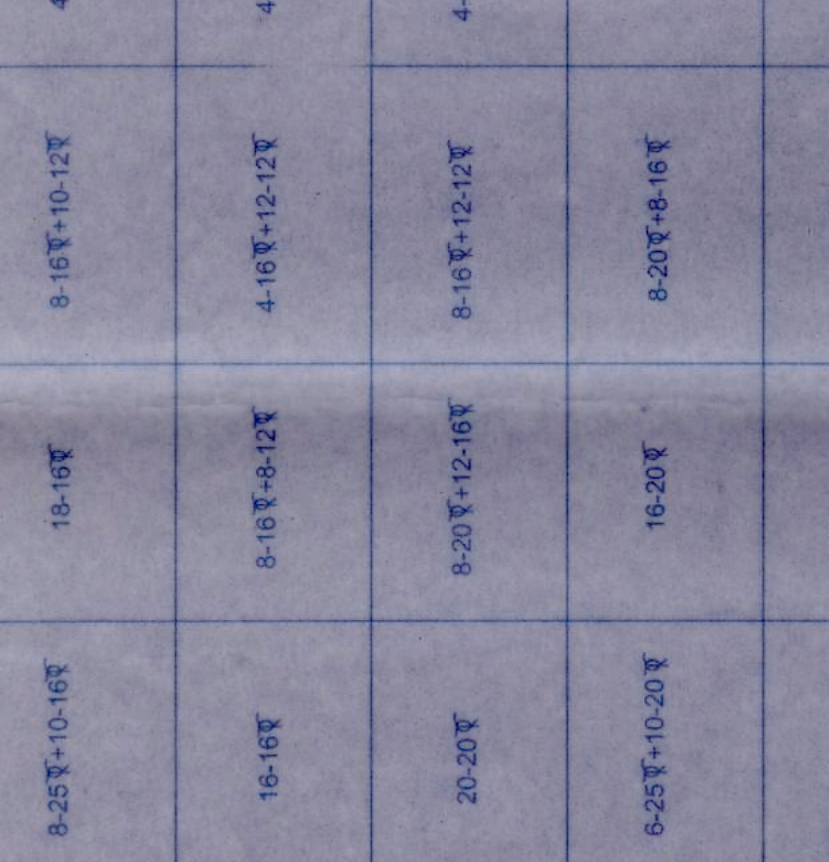
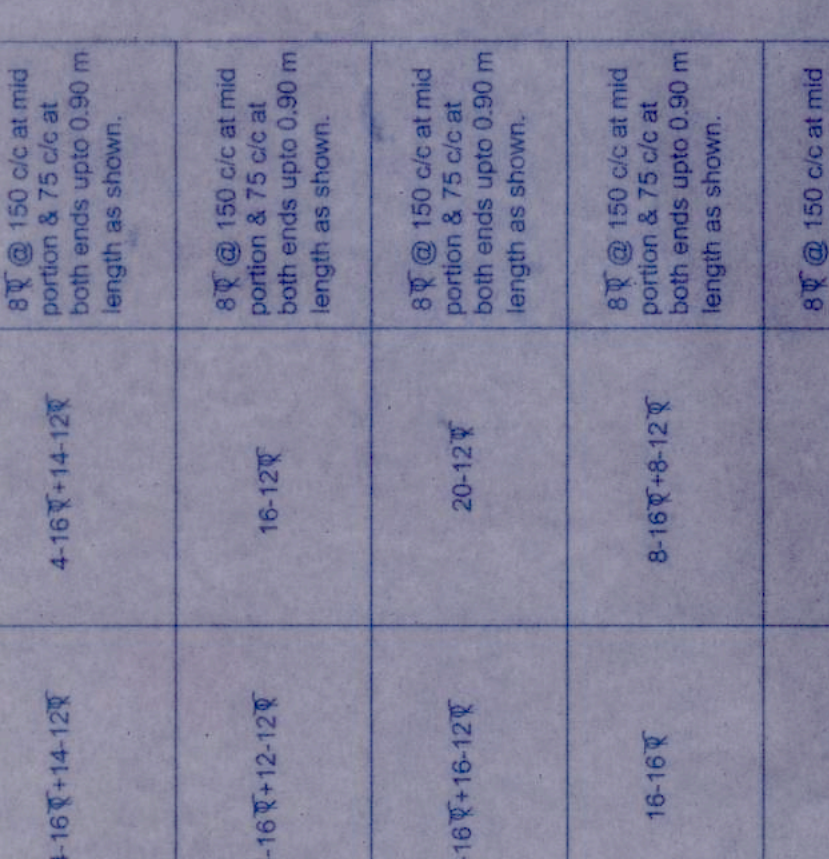
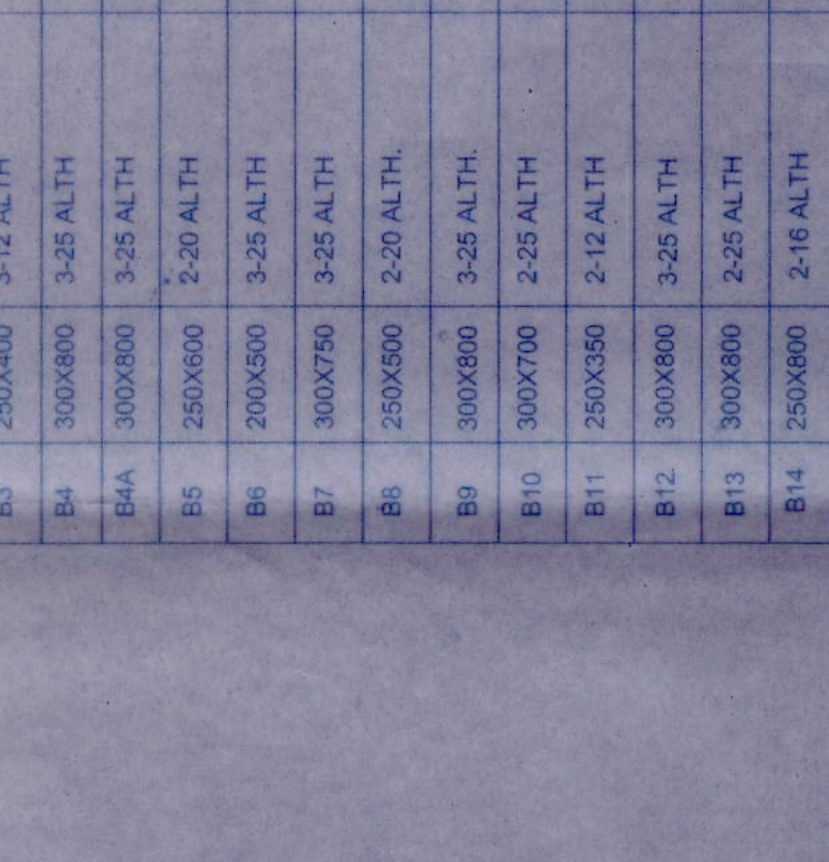
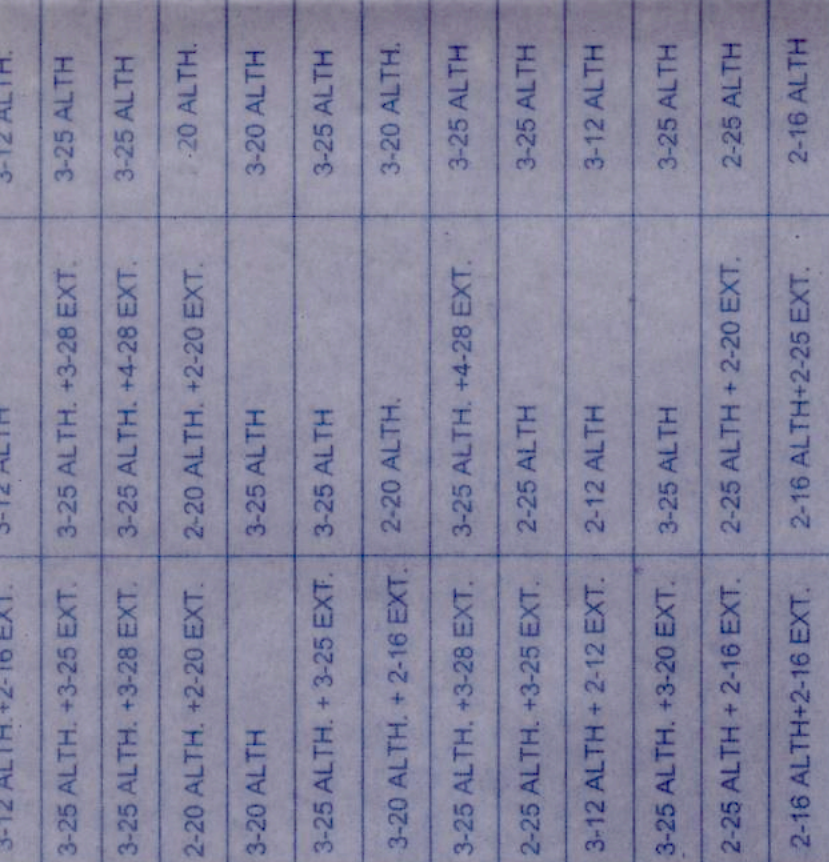
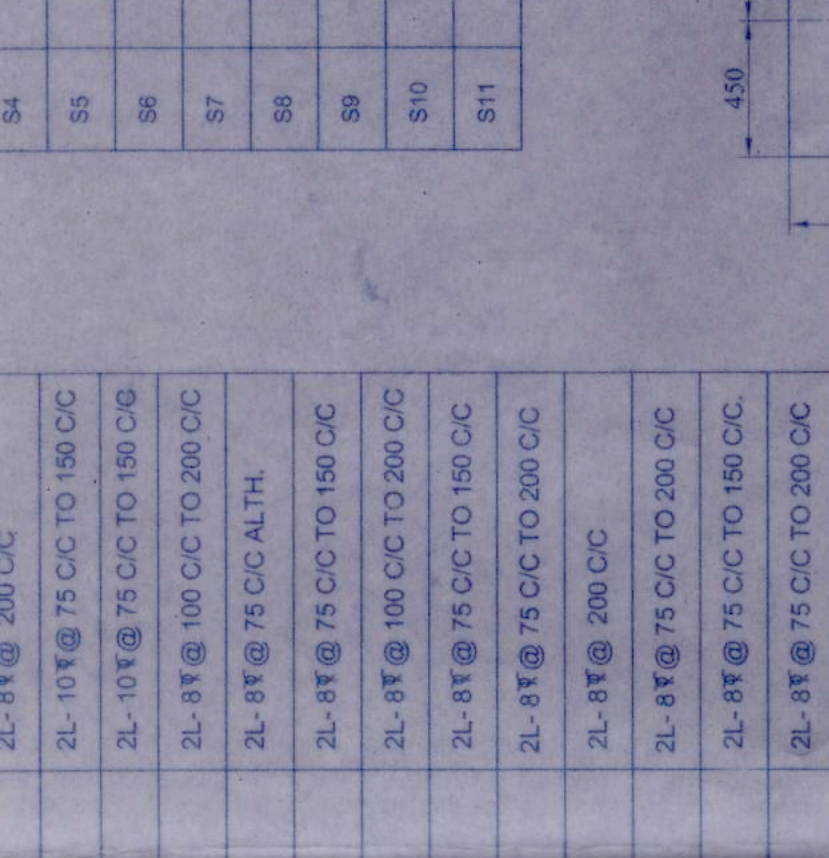
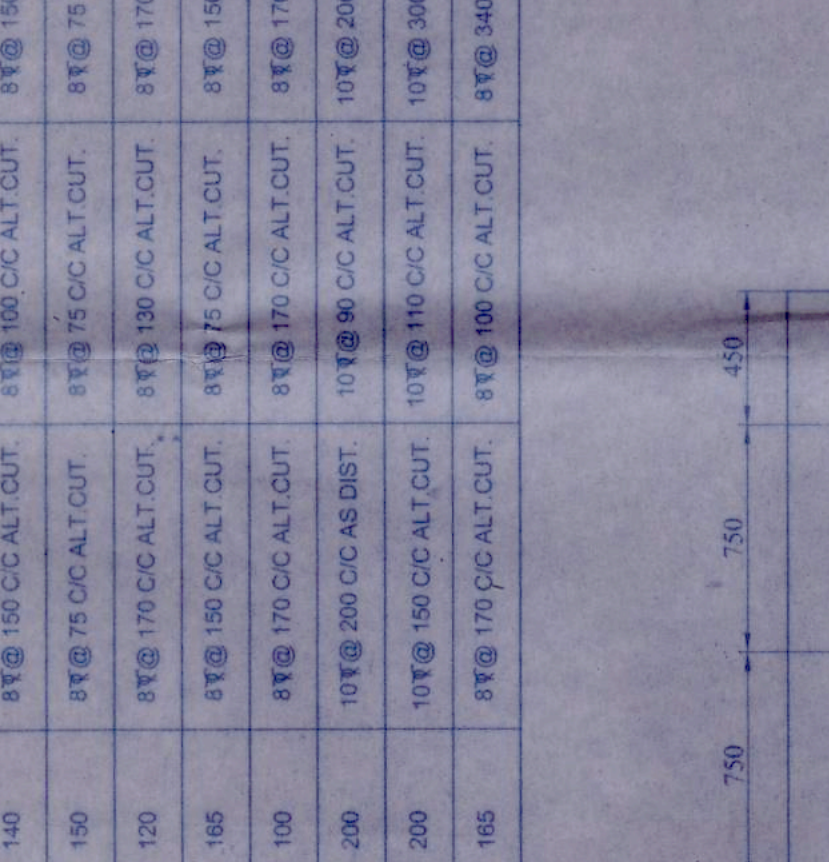
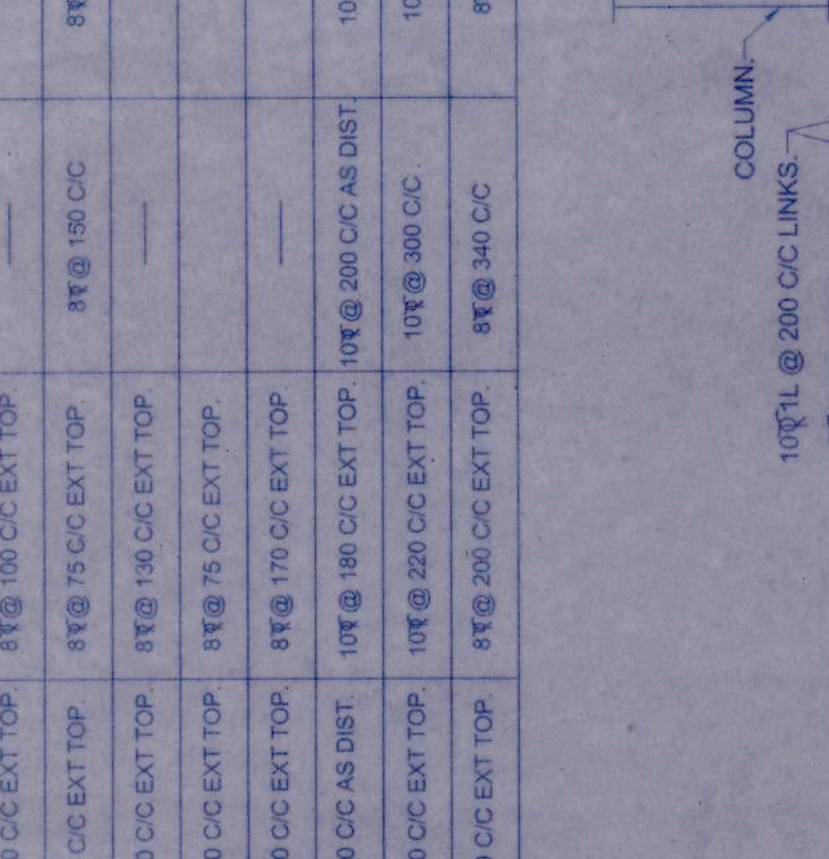
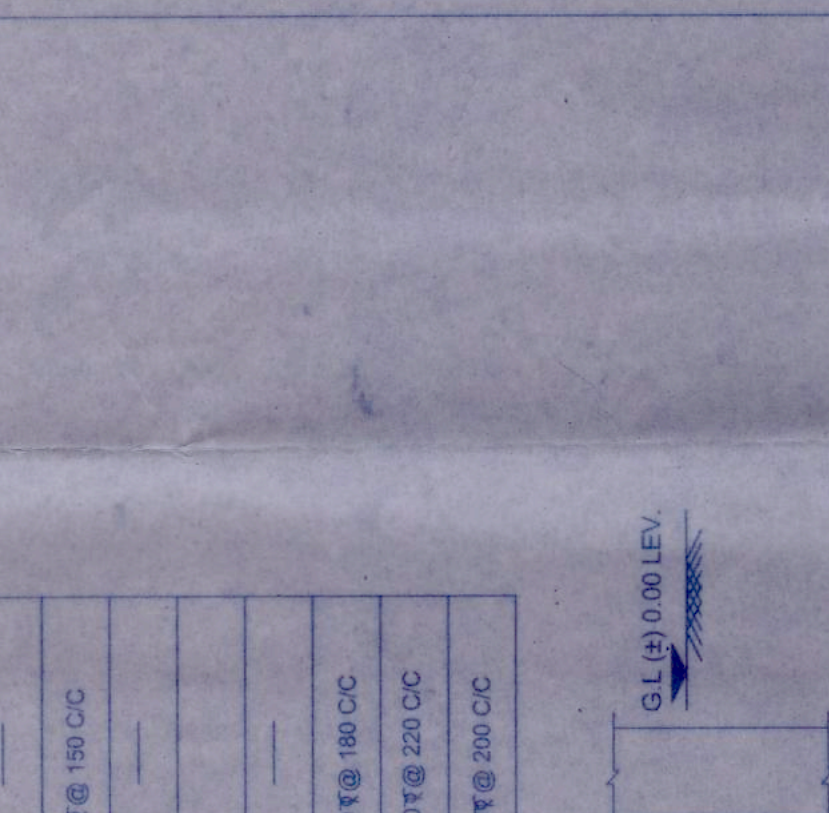
**SCHEDULE OF SLAB**

SLAB NO.	THICKNESS	LONG DR.	SHORT DR.	LONG DR. TOP	SHORT DR. TOP	LONG DR. BOT	SHORT DR. BOT
1	150	8# @ 250 CC	8# @ 250 CC	8# @ 250 CC	8# @ 250 CC	8# @ 250 CC	8# @ 250 CC
2	150	8# @ 250 CC	8# @ 250 CC	8# @ 250 CC	8# @ 250 CC	8# @ 250 CC	8# @ 250 CC
3	150	8# @ 250 CC	8# @ 250 CC	8# @ 250 CC	8# @ 250 CC	8# @ 250 CC	8# @ 250 CC



**SCHEDULE OF COLUMN**

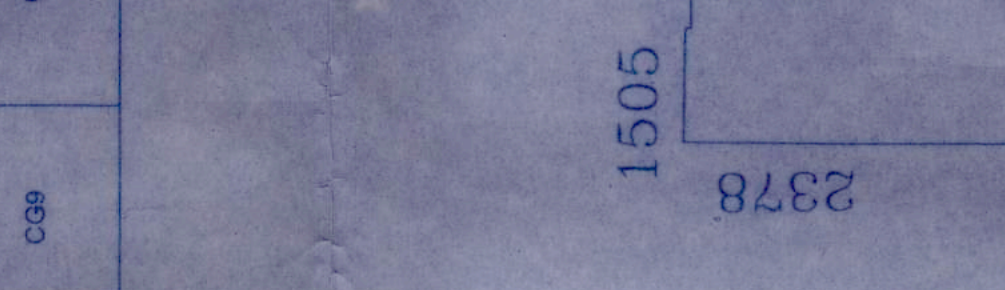
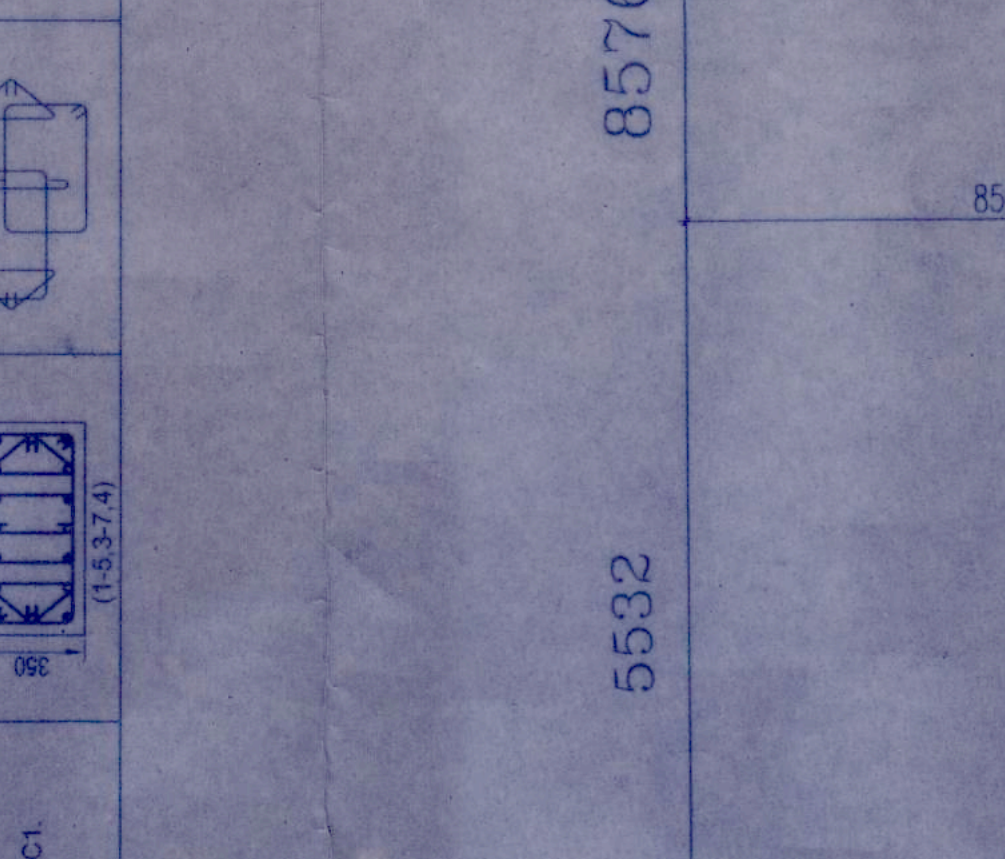
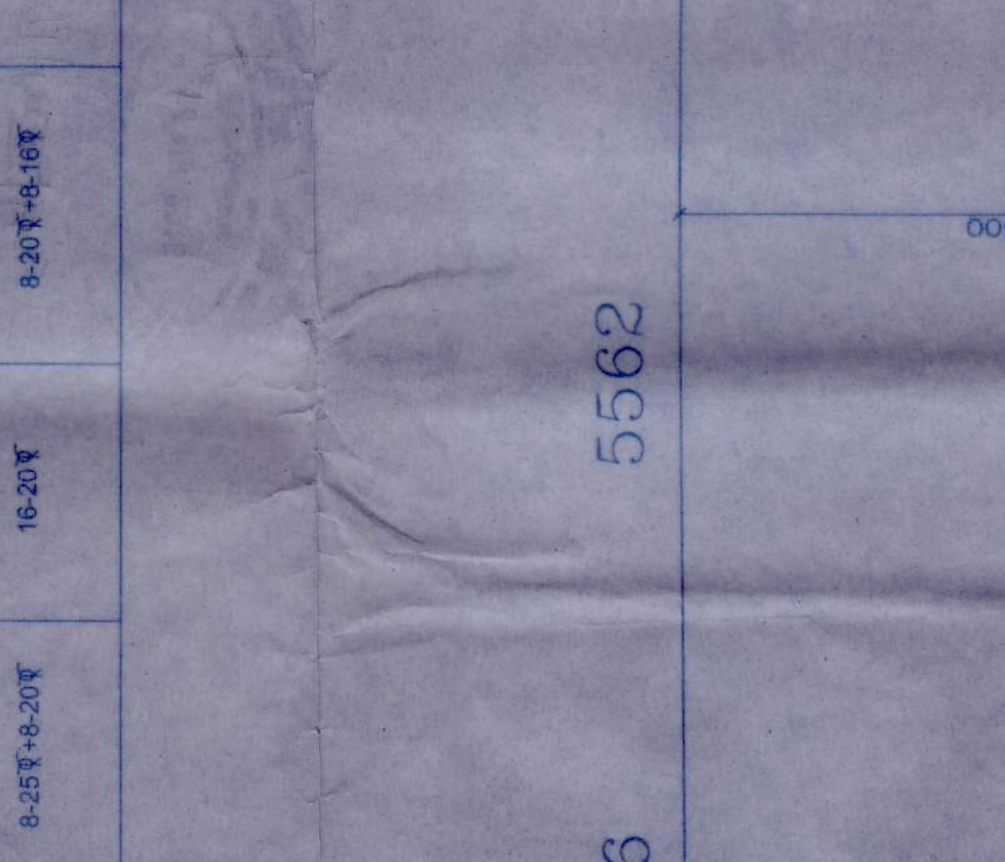
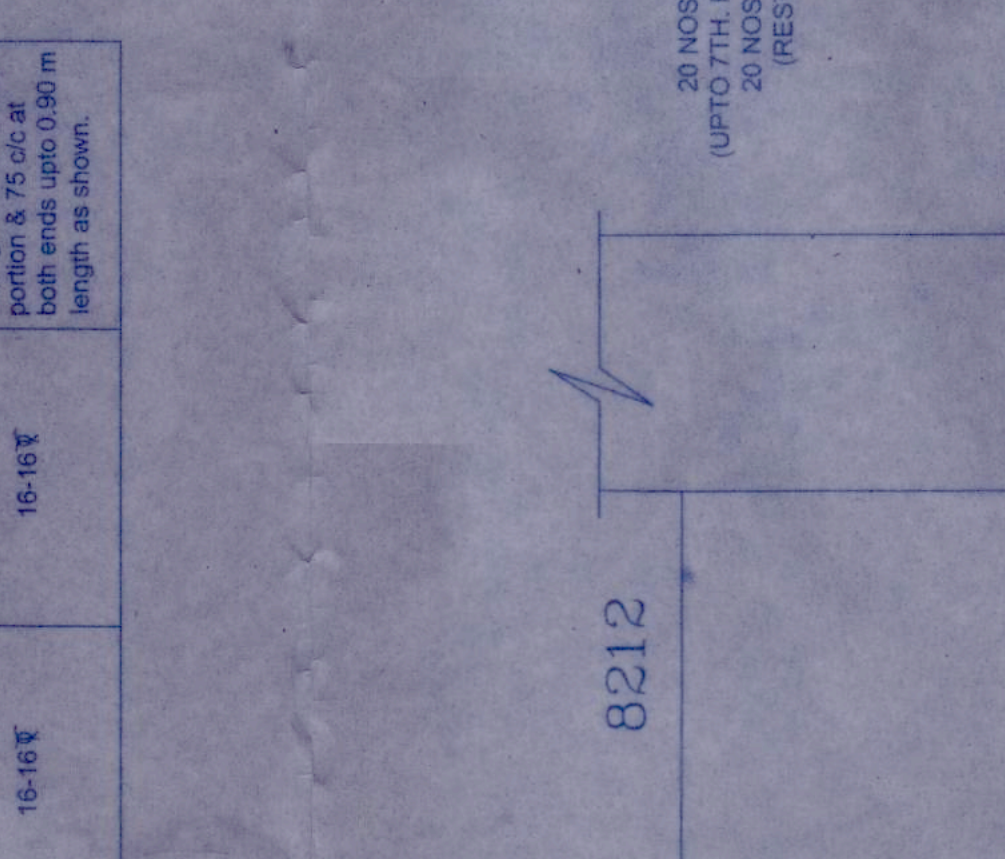
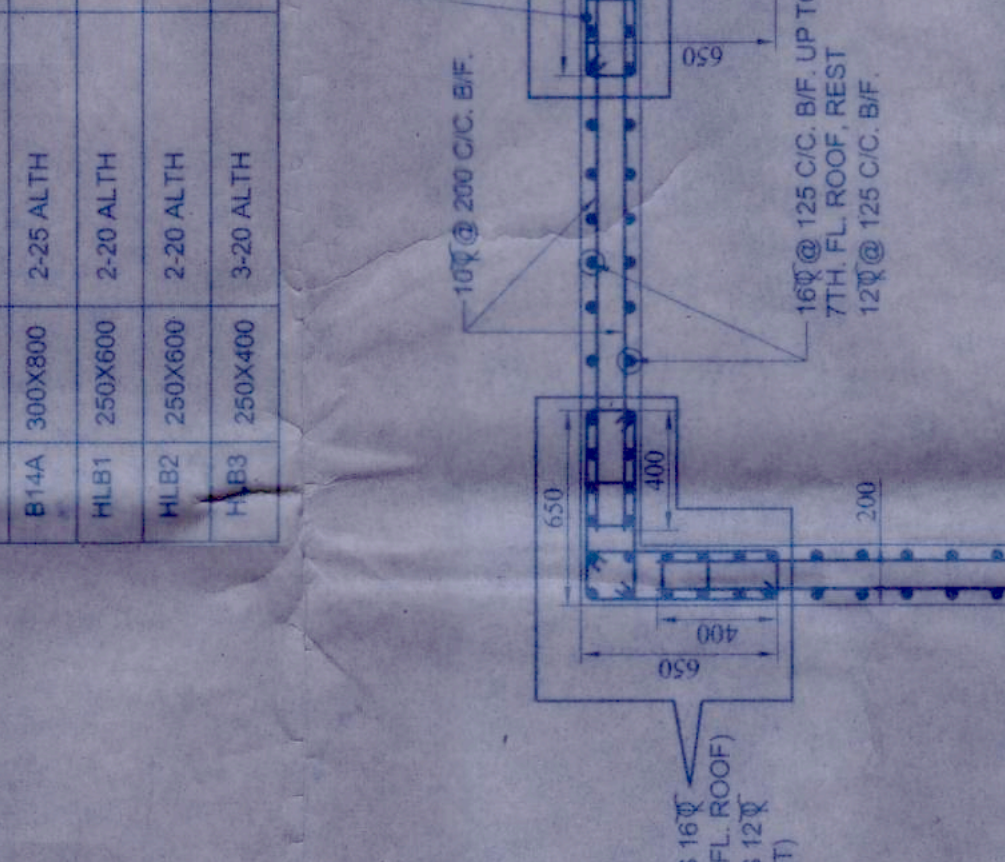
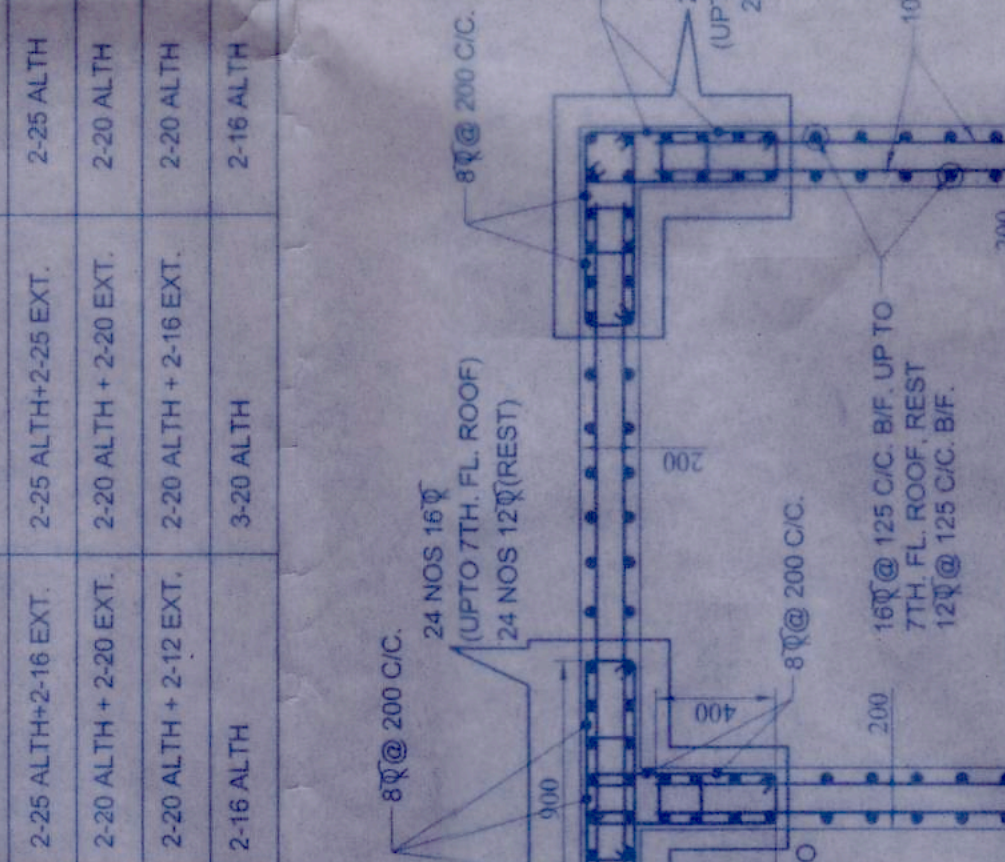
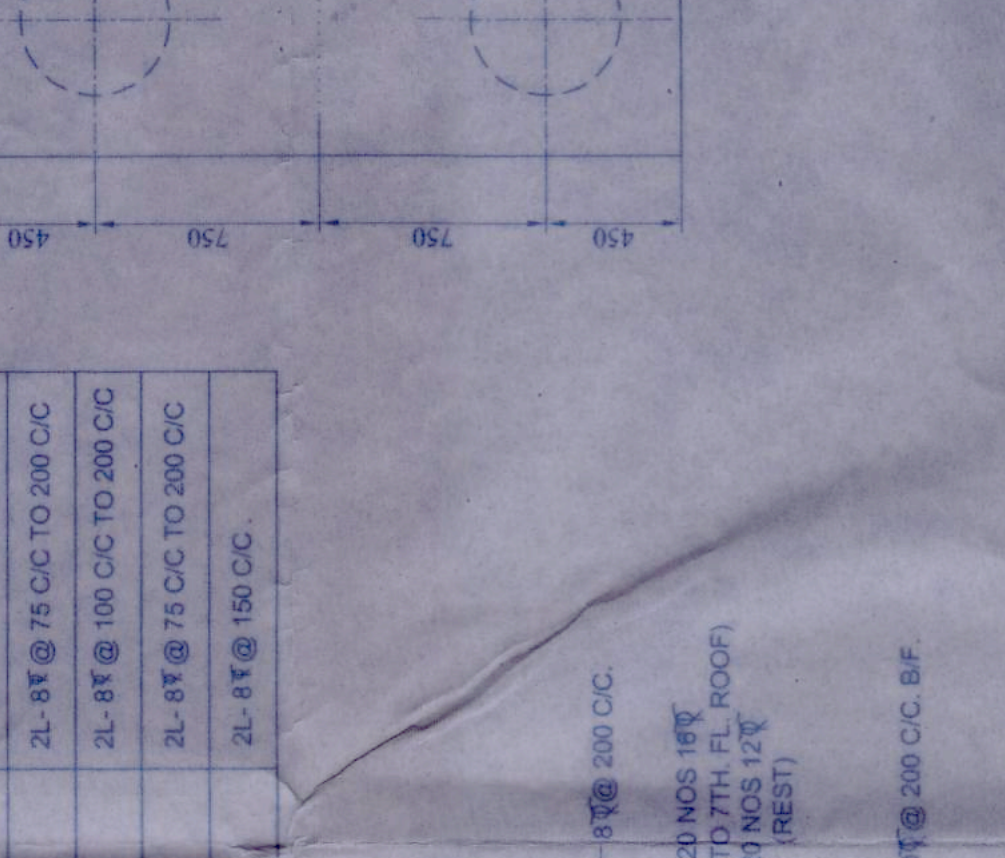
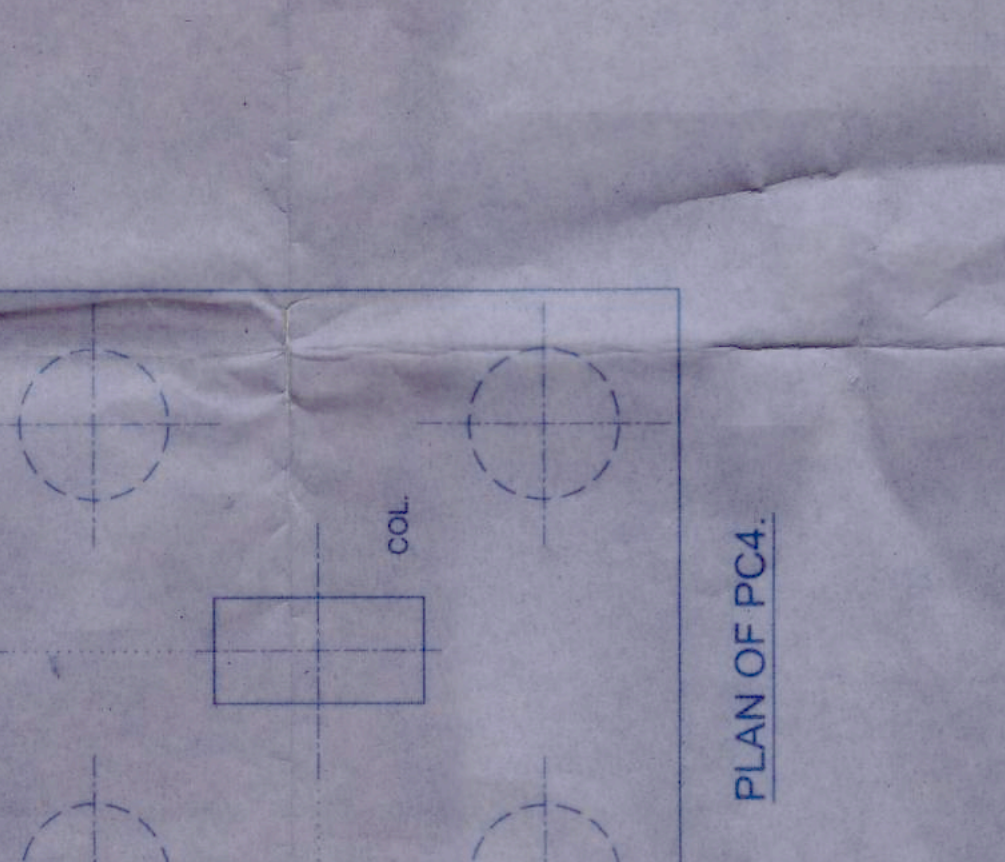
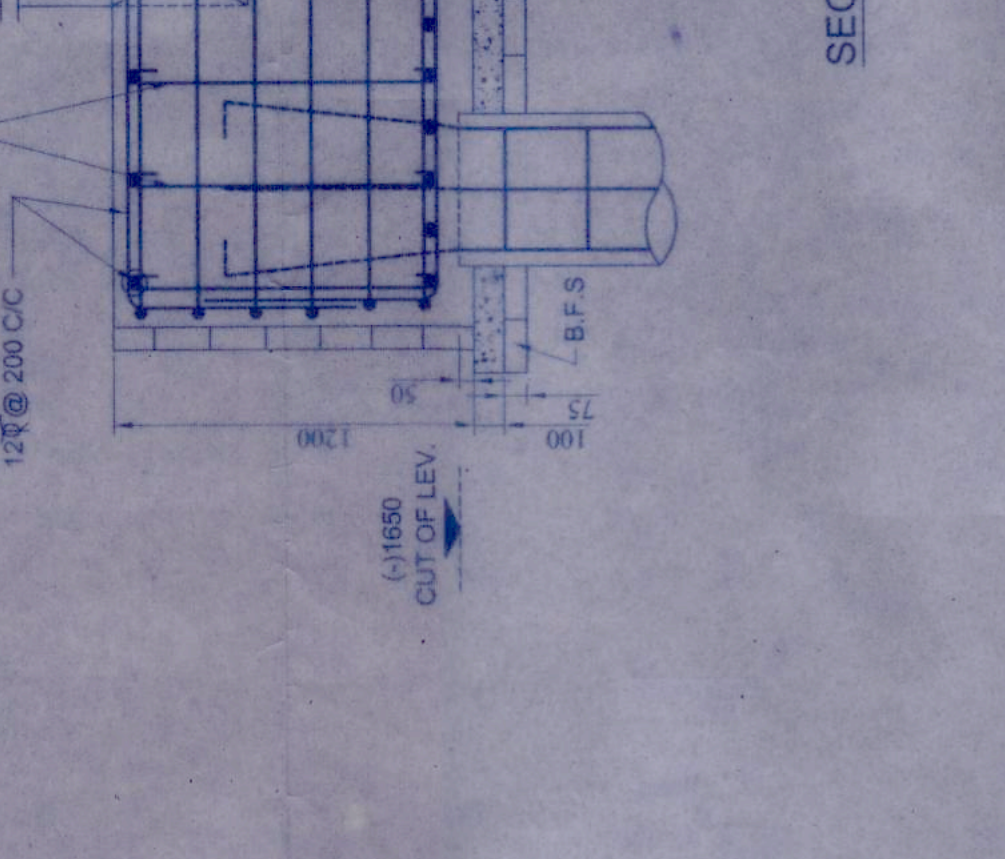
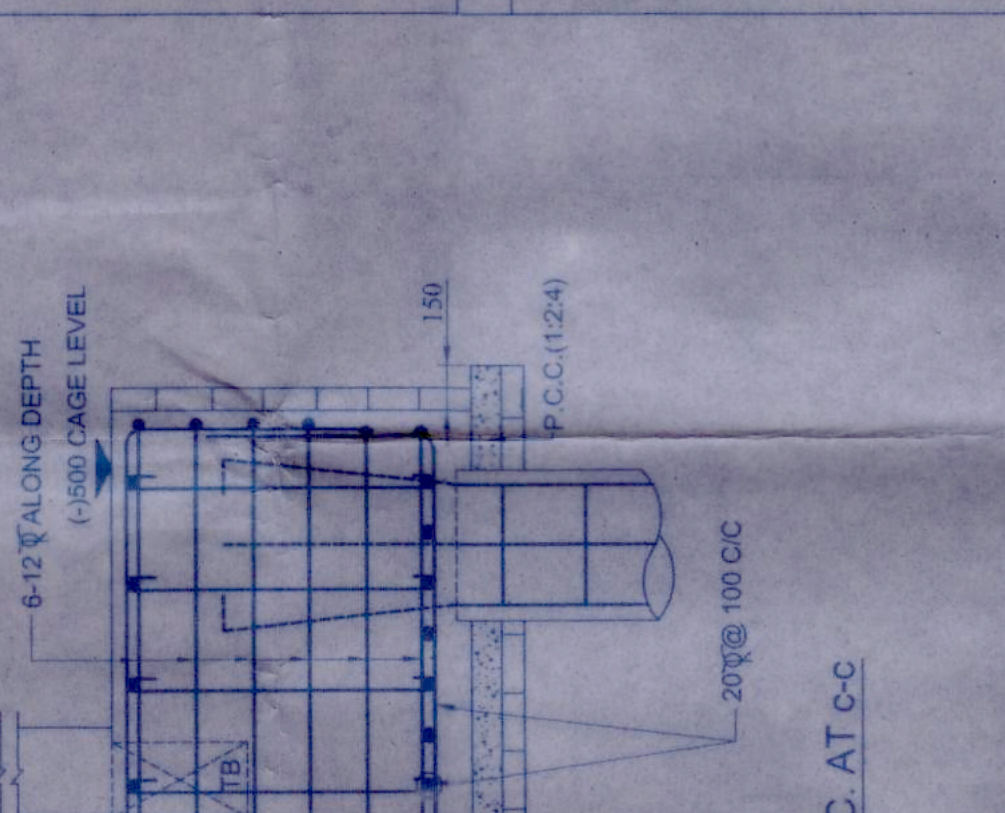
COL. NO.	COL. DIA.	HEIGHT	REINFORCEMENT
C1	1500	3.5	8# @ 250 CC
C2	1500	3.5	8# @ 250 CC
C3	1500	3.5	8# @ 250 CC



**REINFORCEMENT DETAIL FOR LIFT WALL**

SCALE 1/25

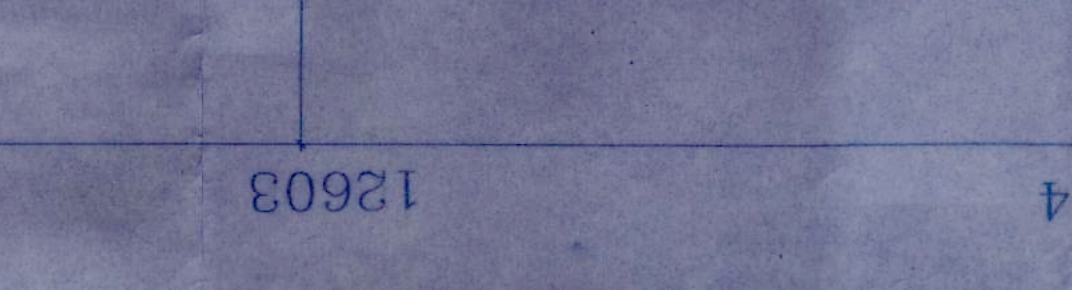
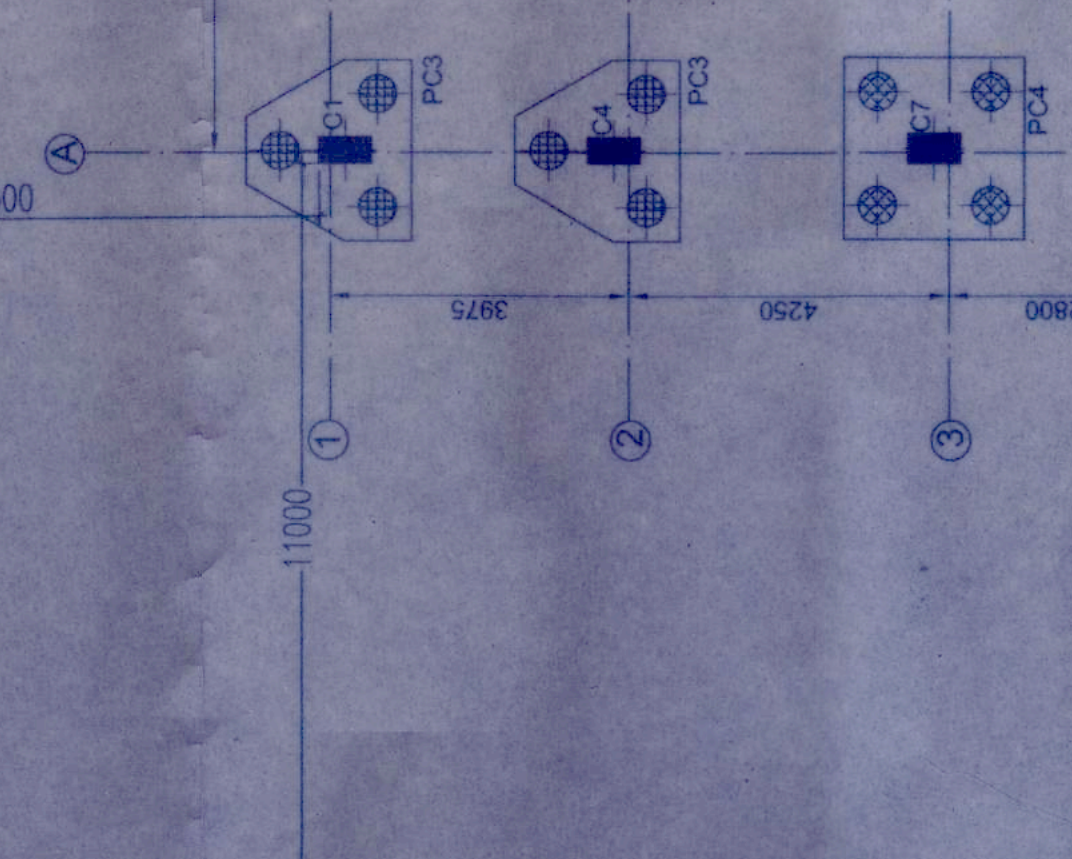
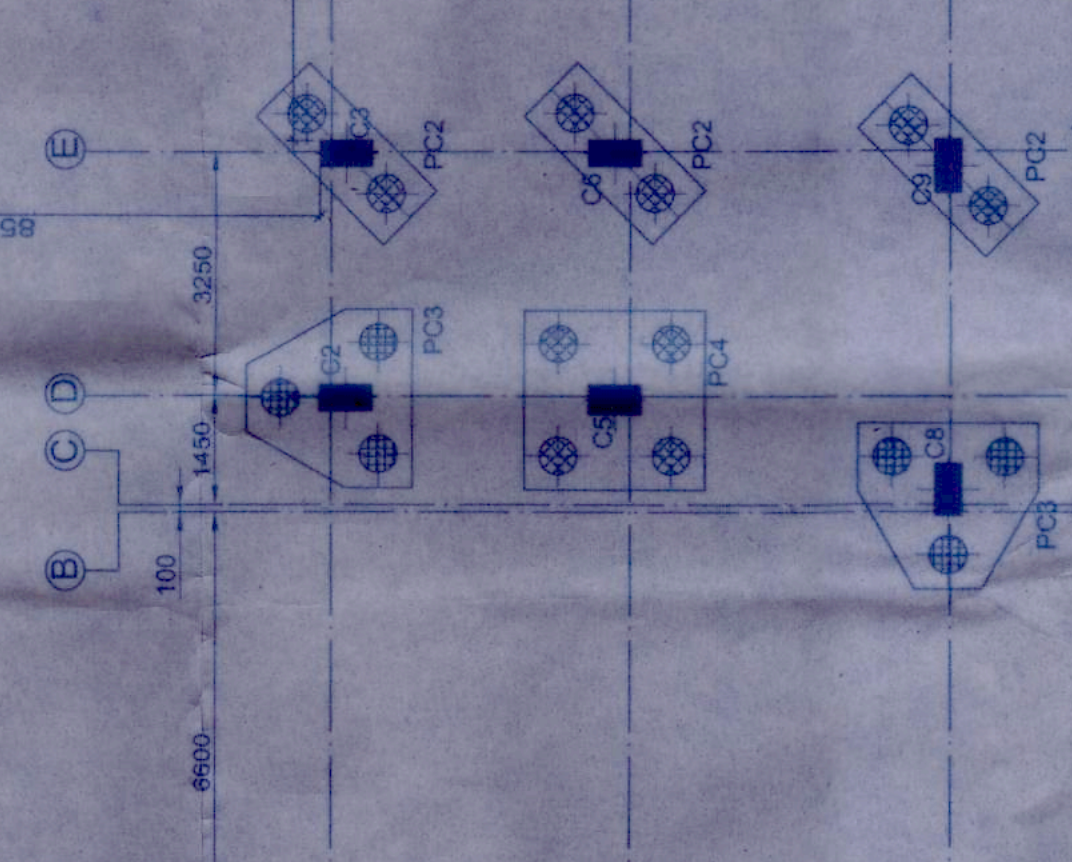
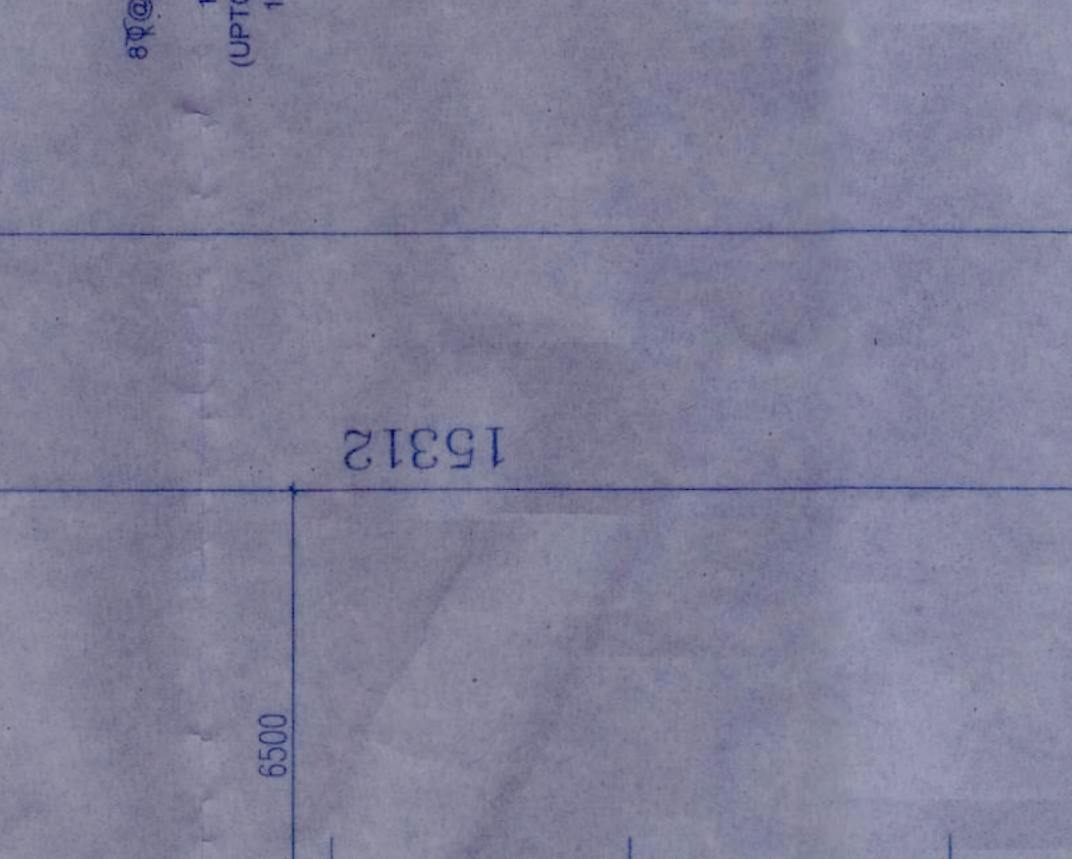
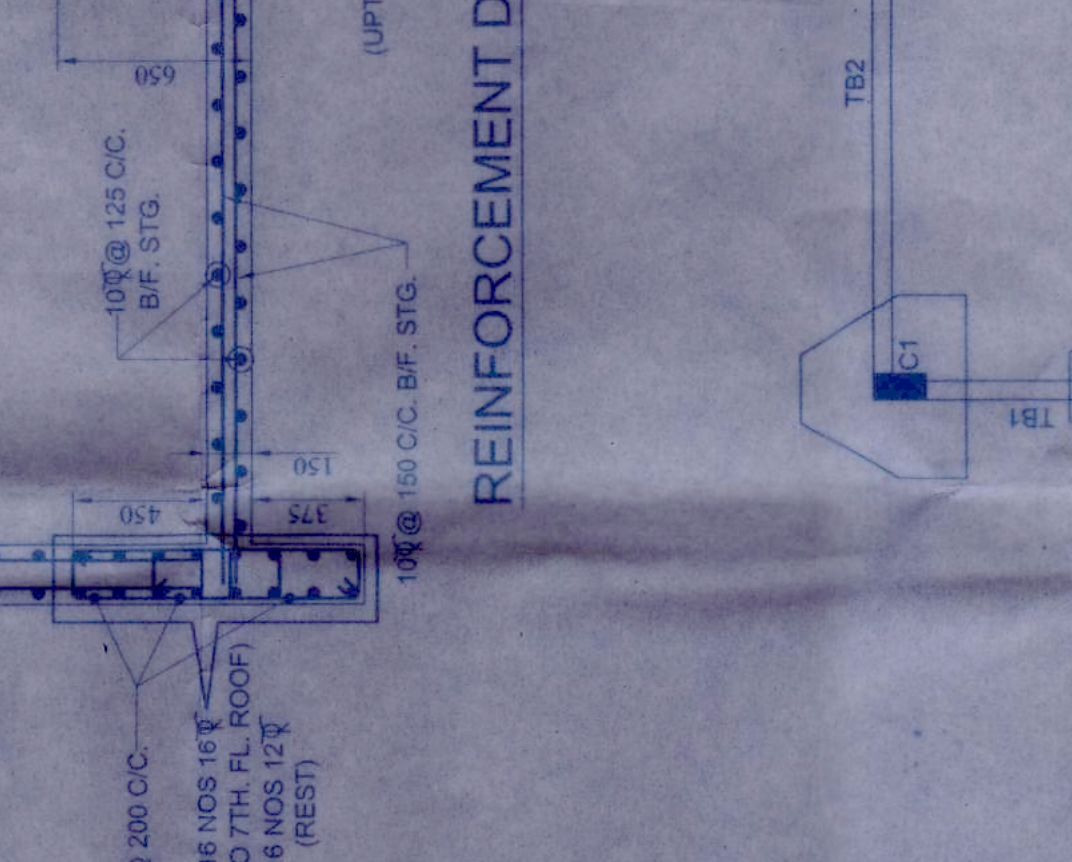
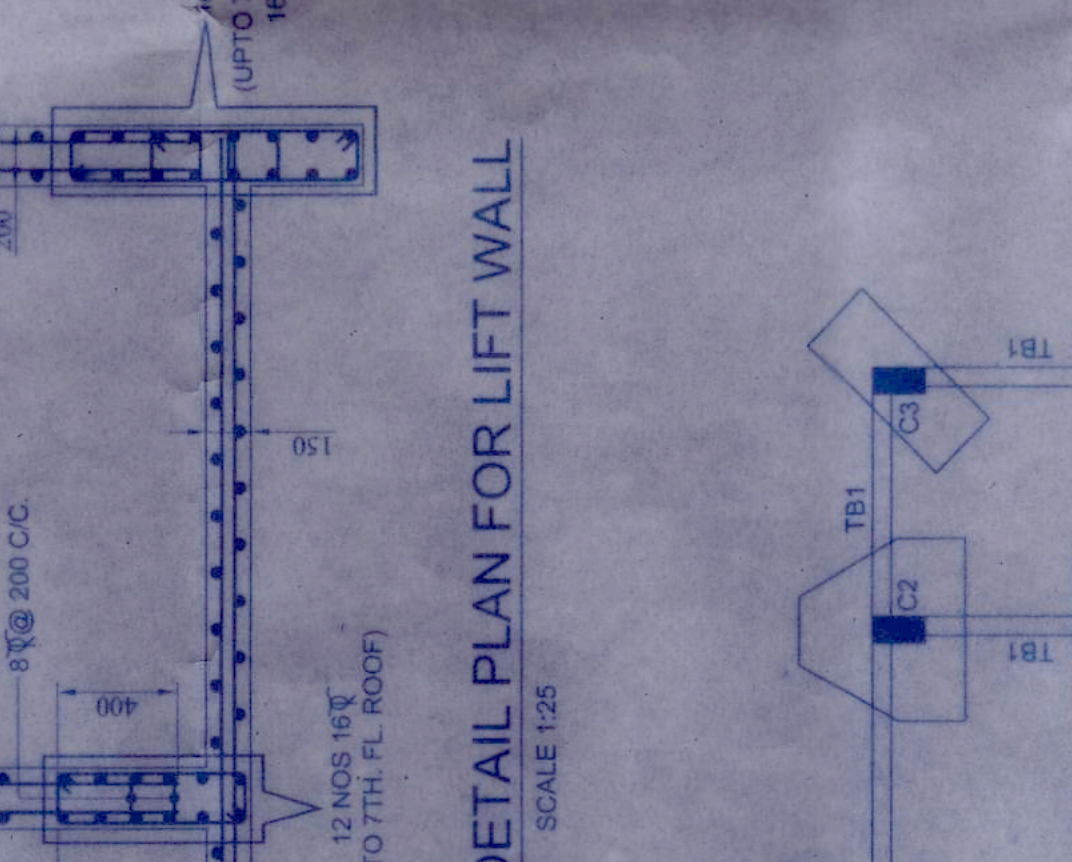
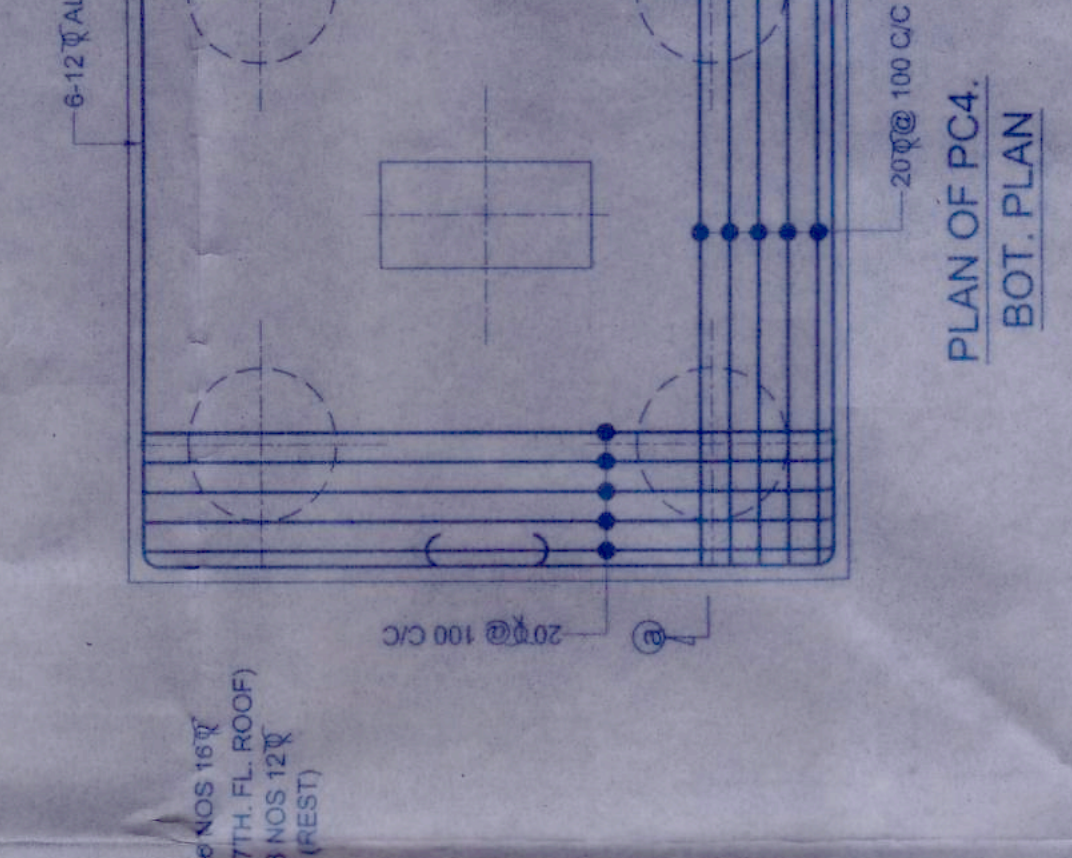
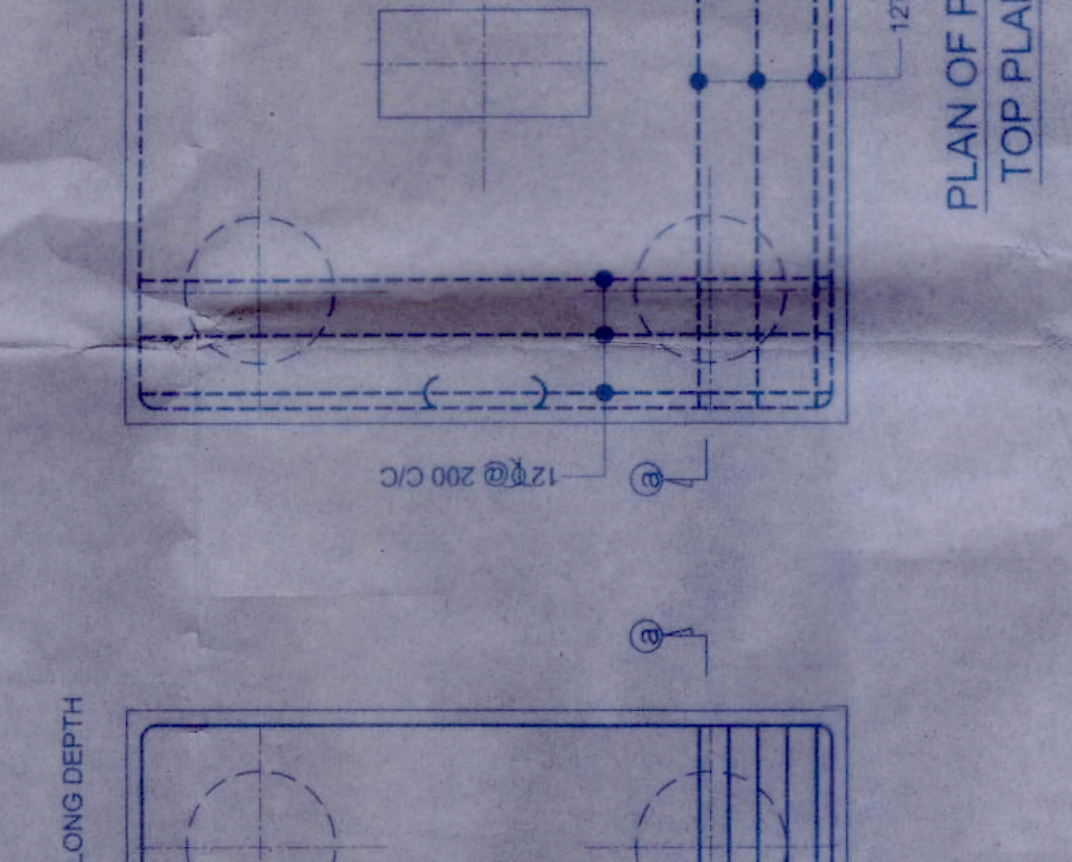
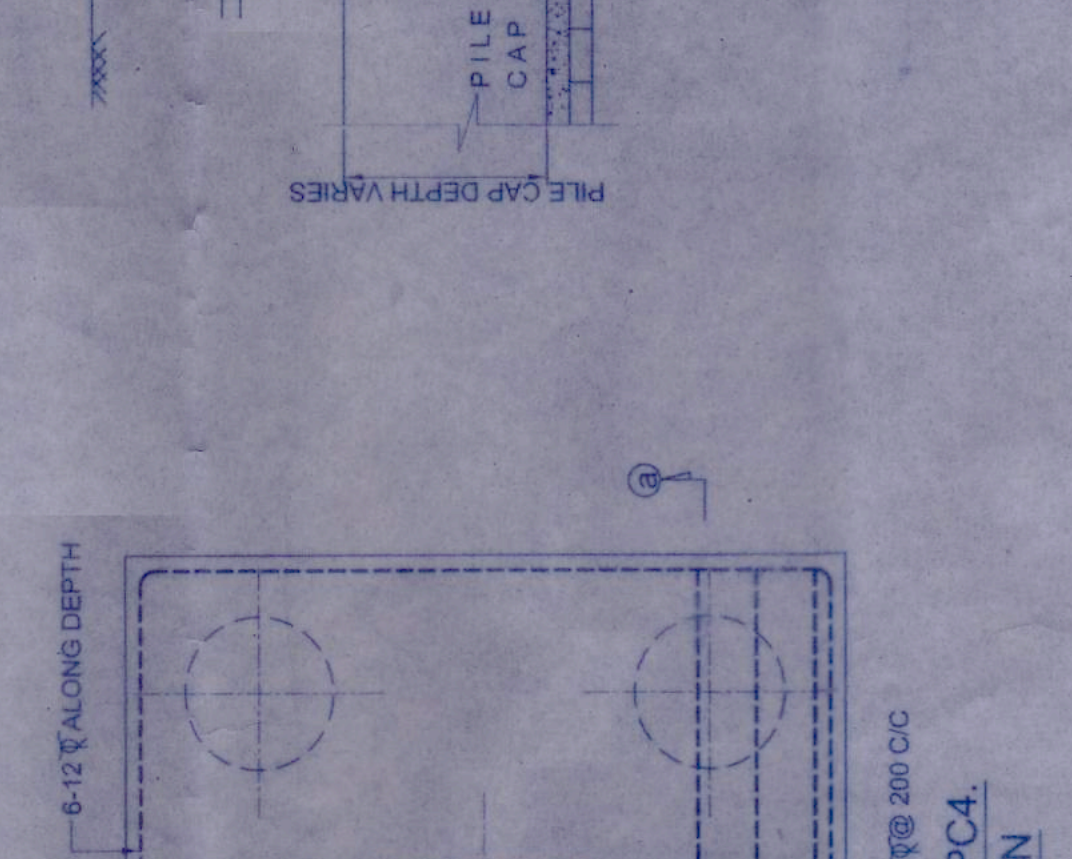
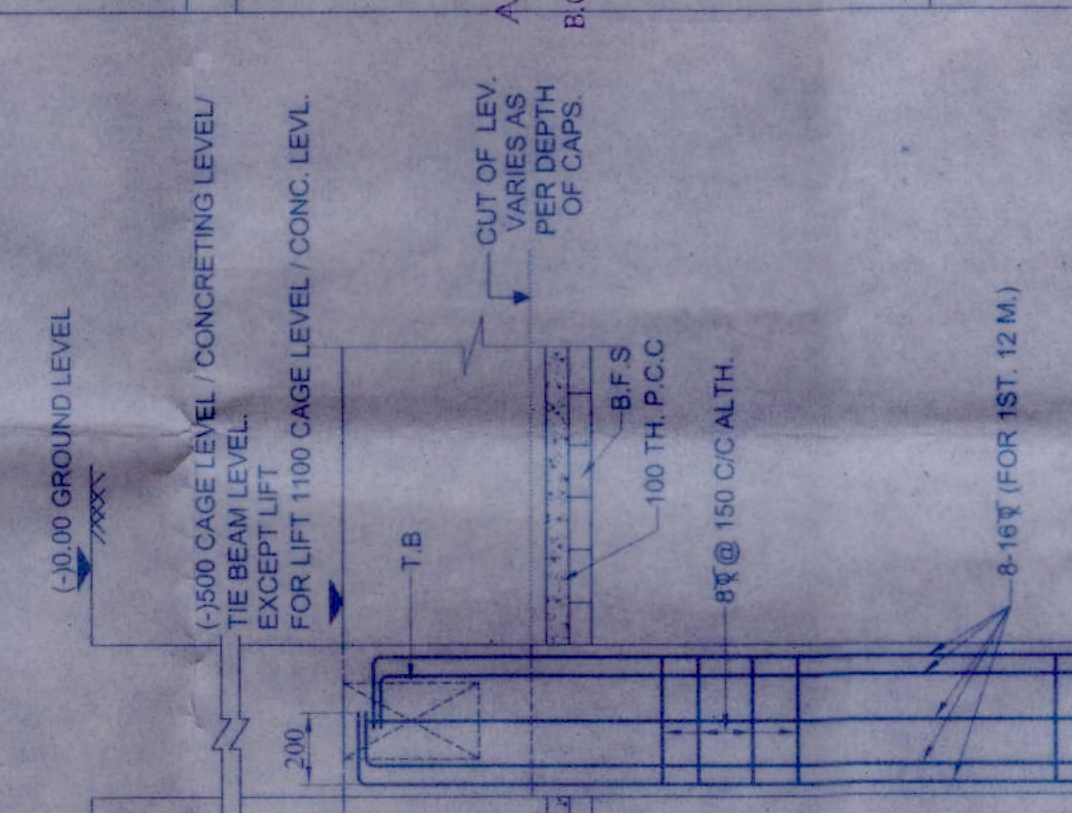
15312



**TIE-BEAM LAYOUT PLAN AT (+)500 LEVEL**

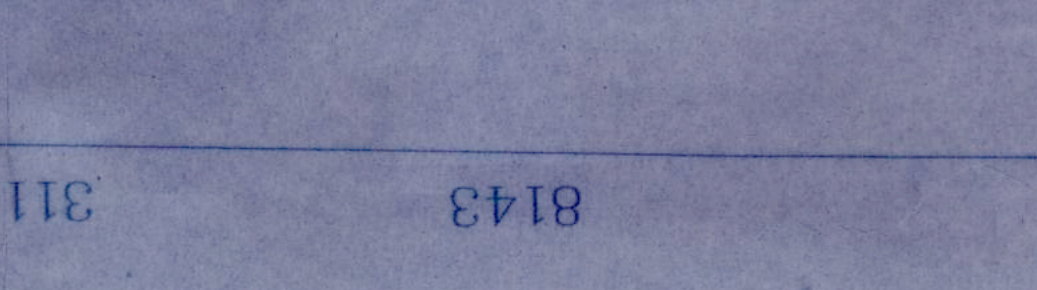
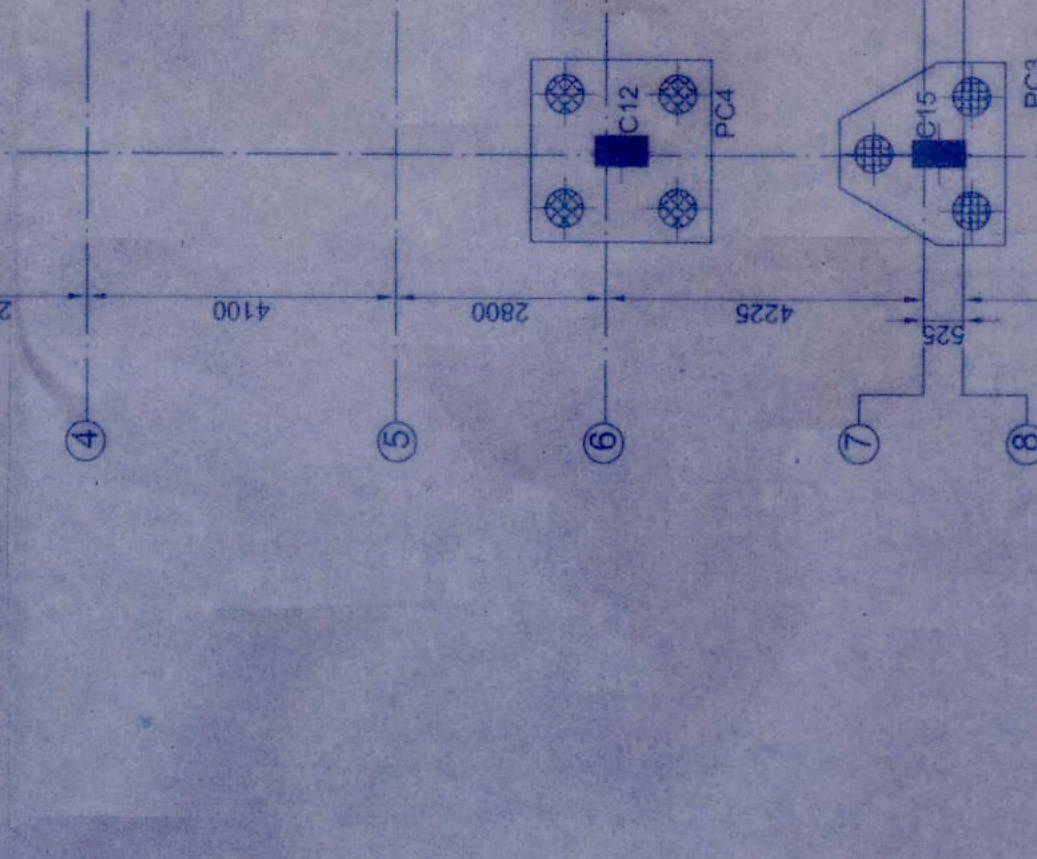
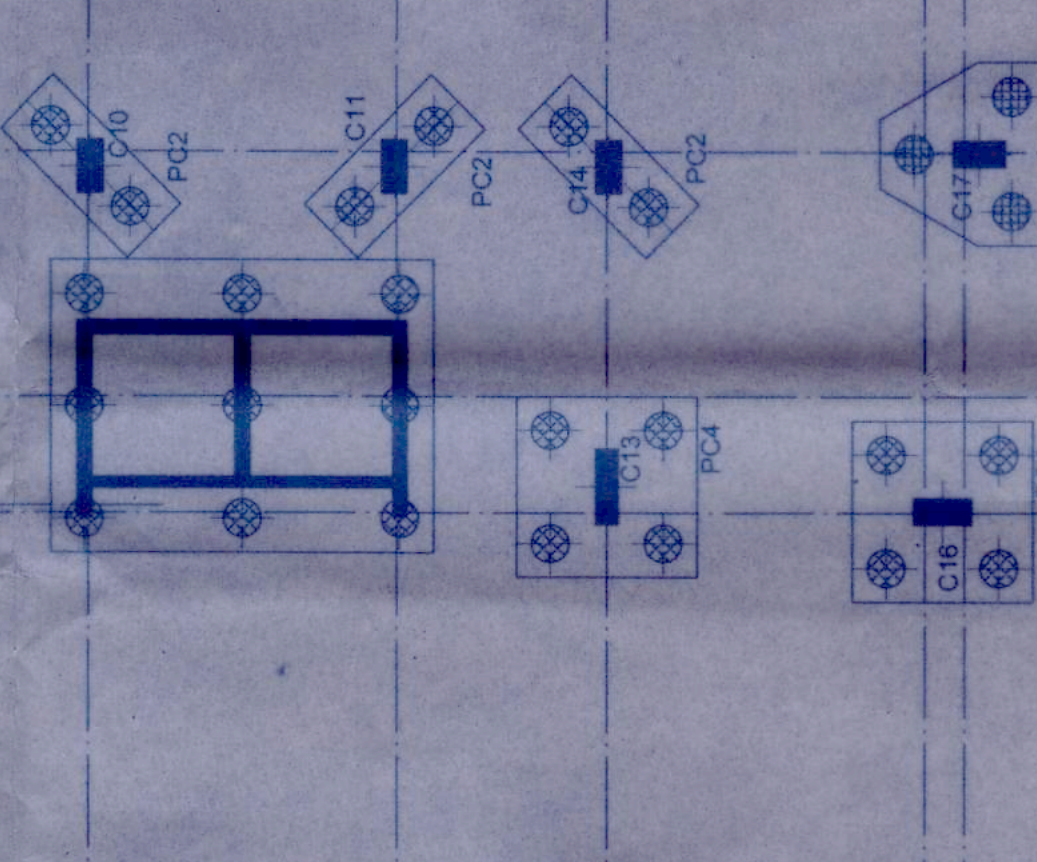
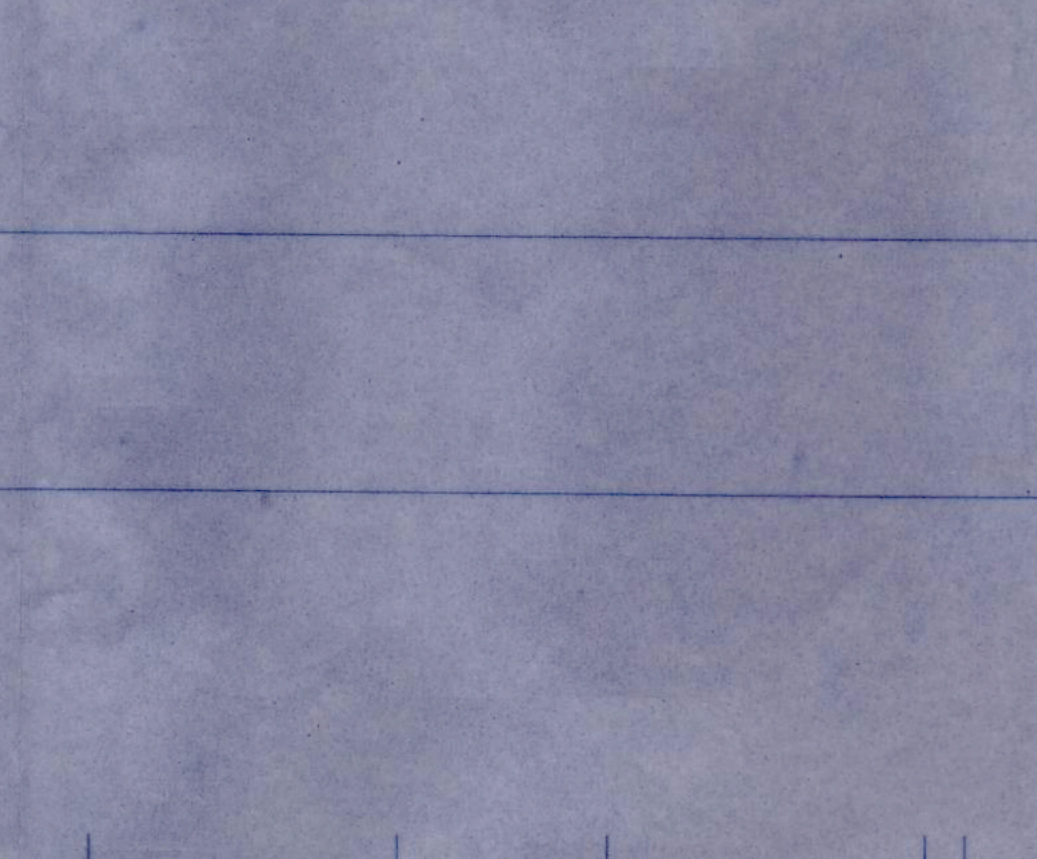
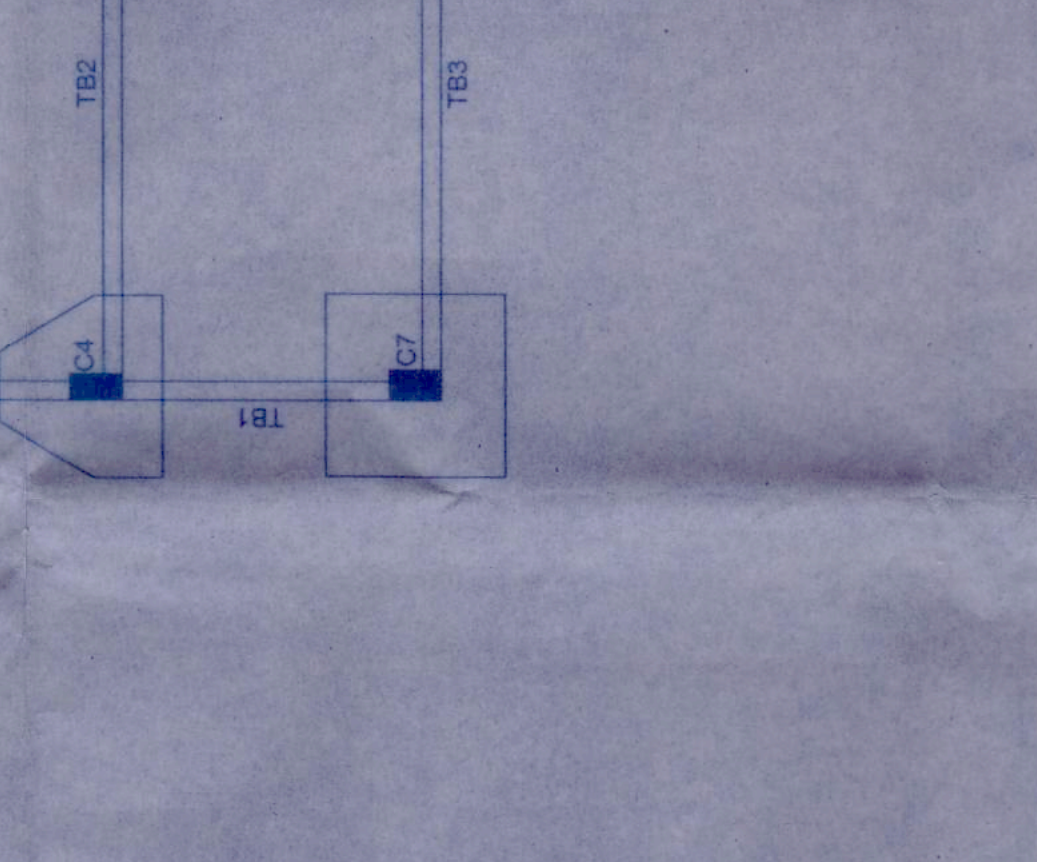
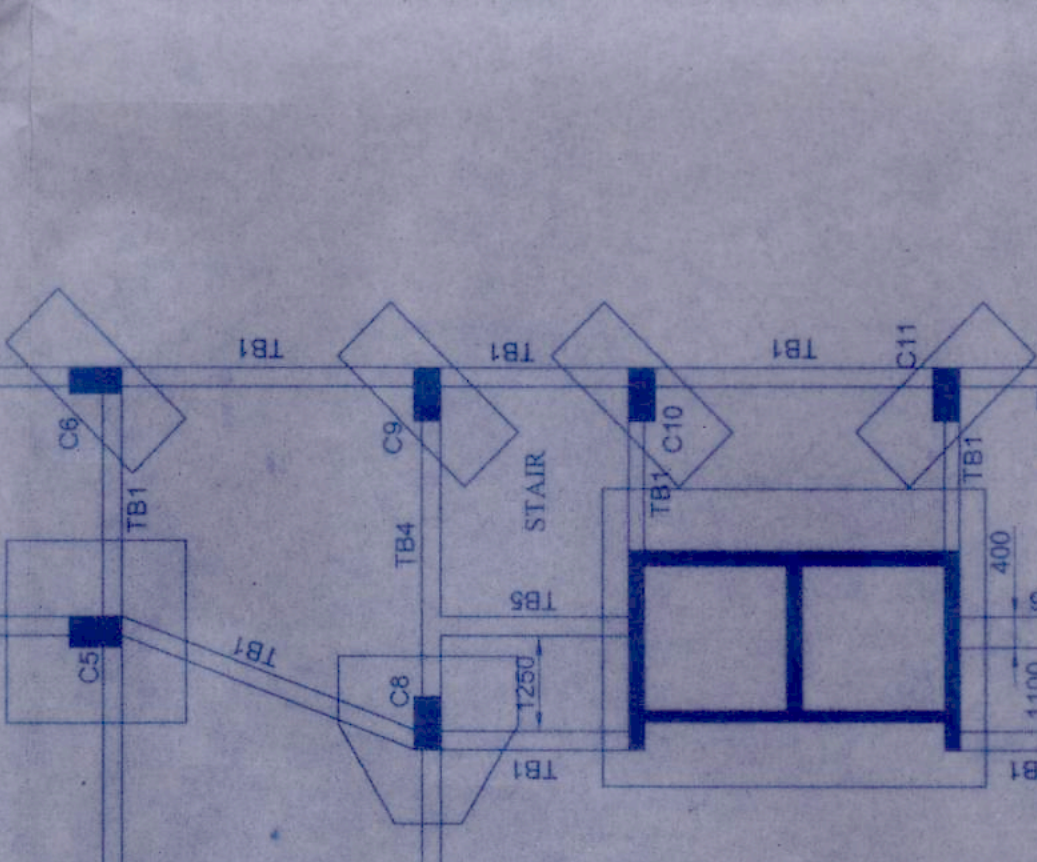
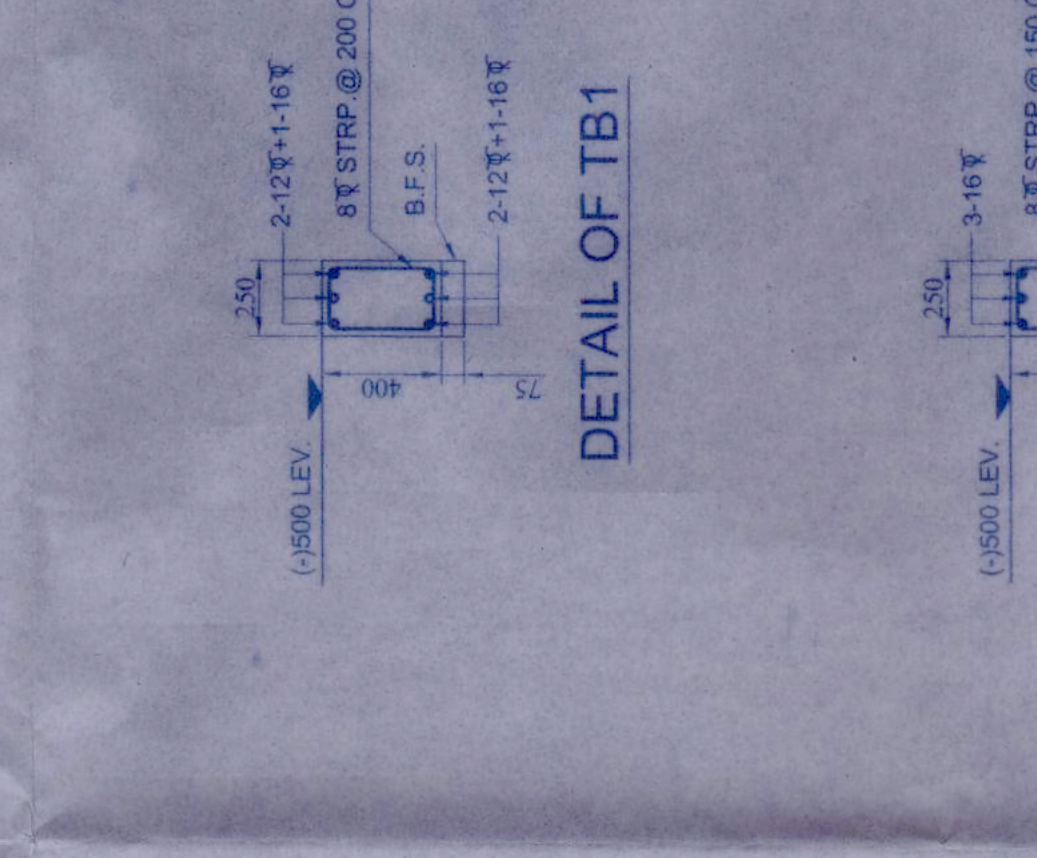
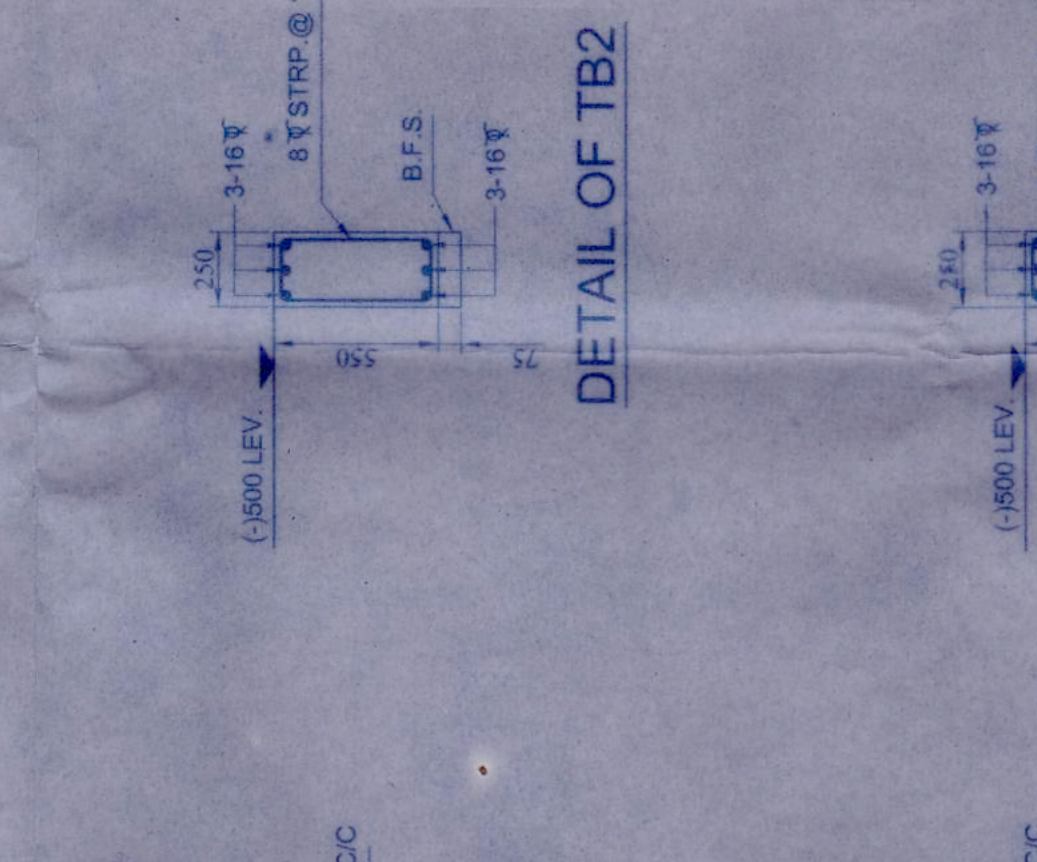
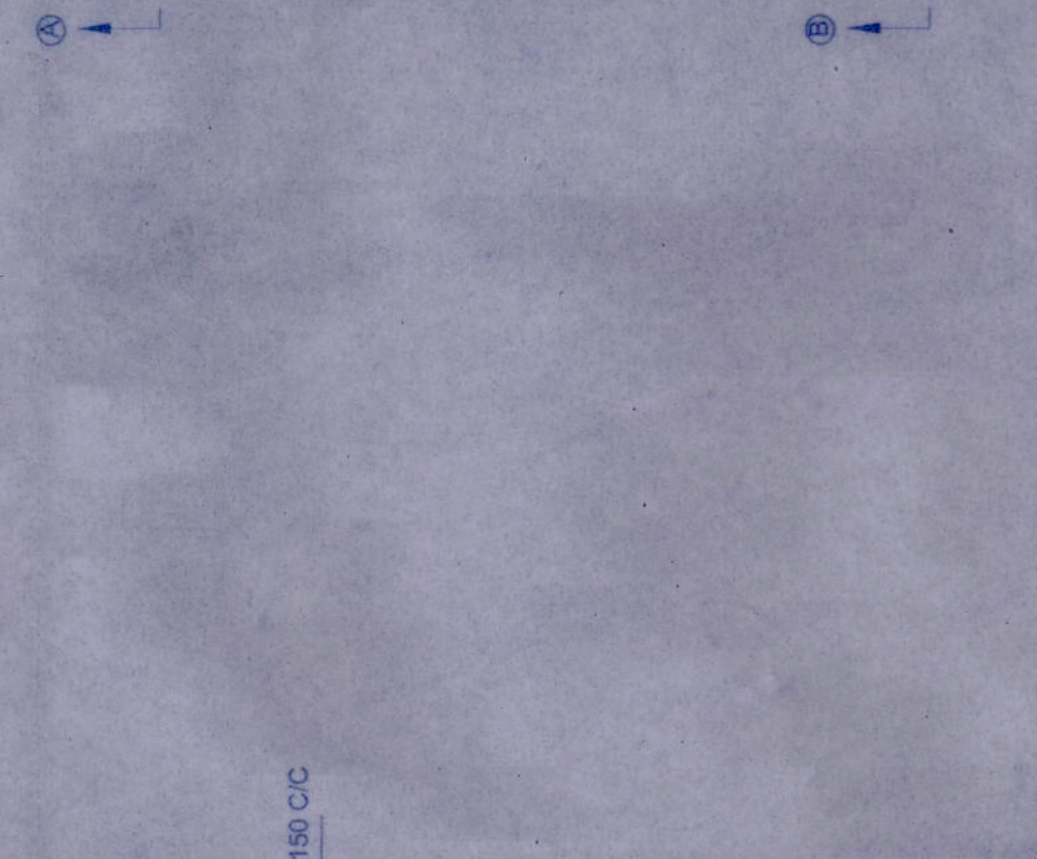
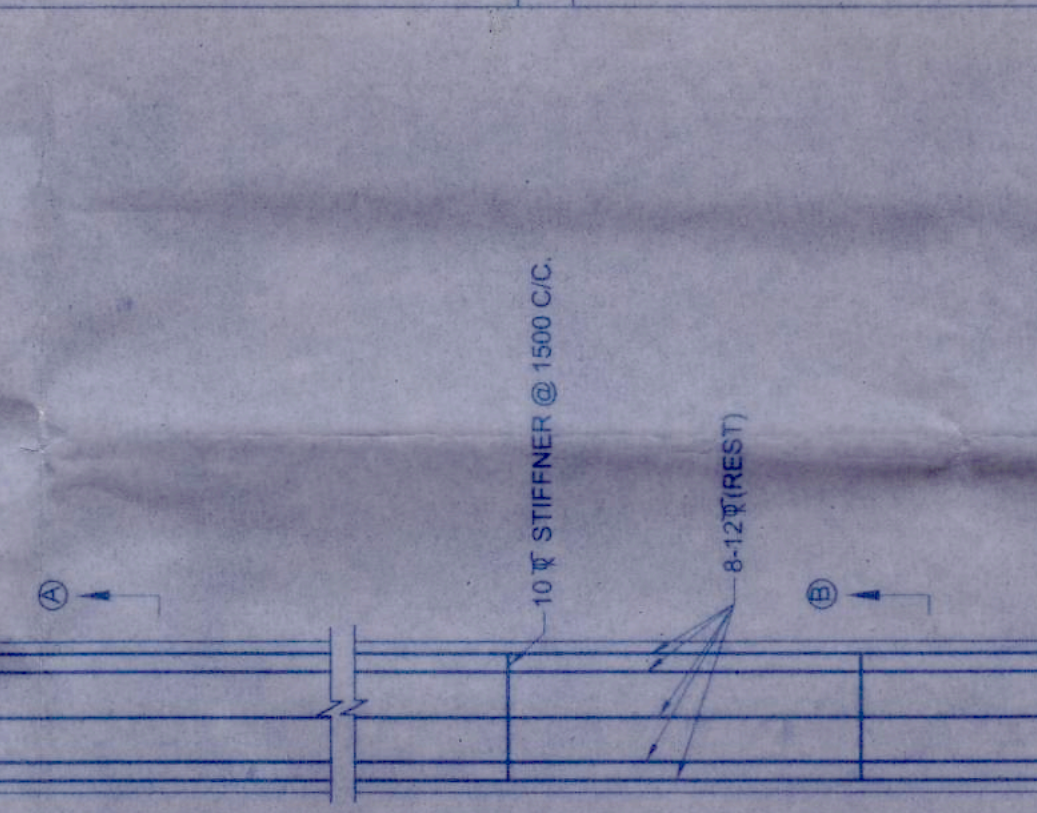
SCALE 1/25

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**COLUMN SCHEDULE**

COL. NO.	COL. DIA.	HEIGHT	REINFORCEMENT
C01	1500	3.5	8# @ 250 CC
C02	1500	3.5	8# @ 250 CC
C03	1500	3.5	8# @ 250 CC



**PILE LAYOUT PLAN**

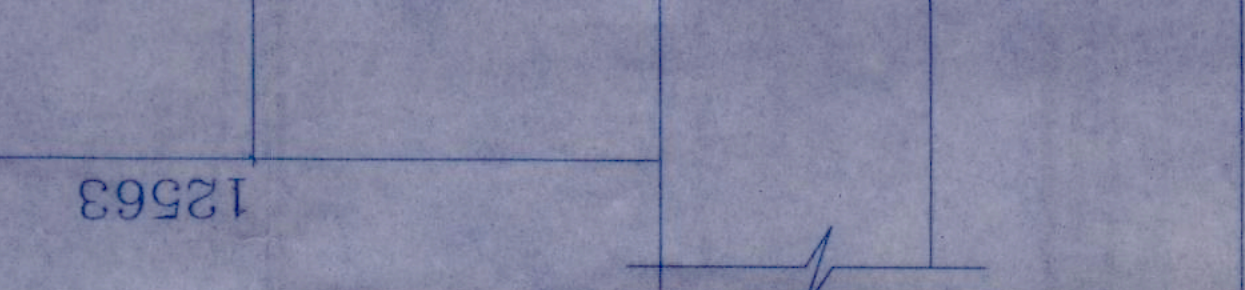
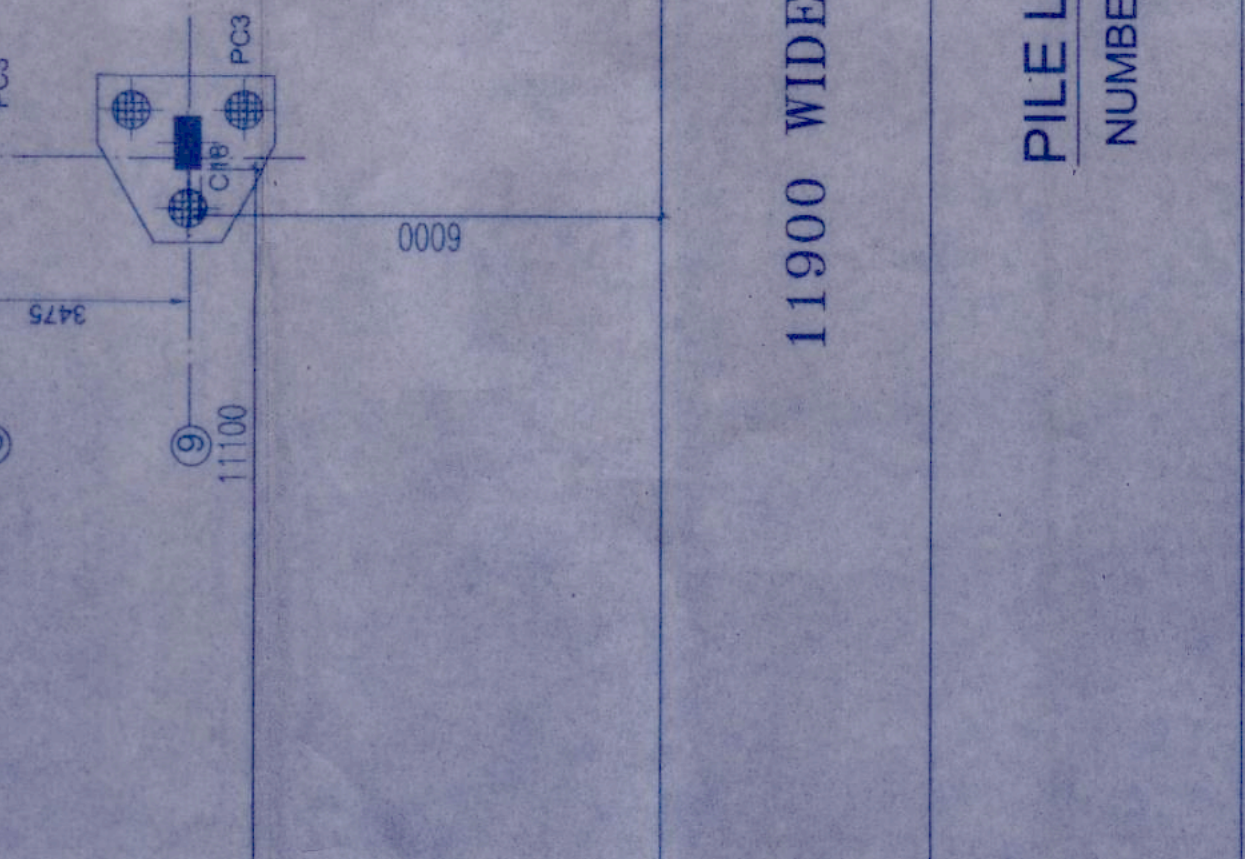
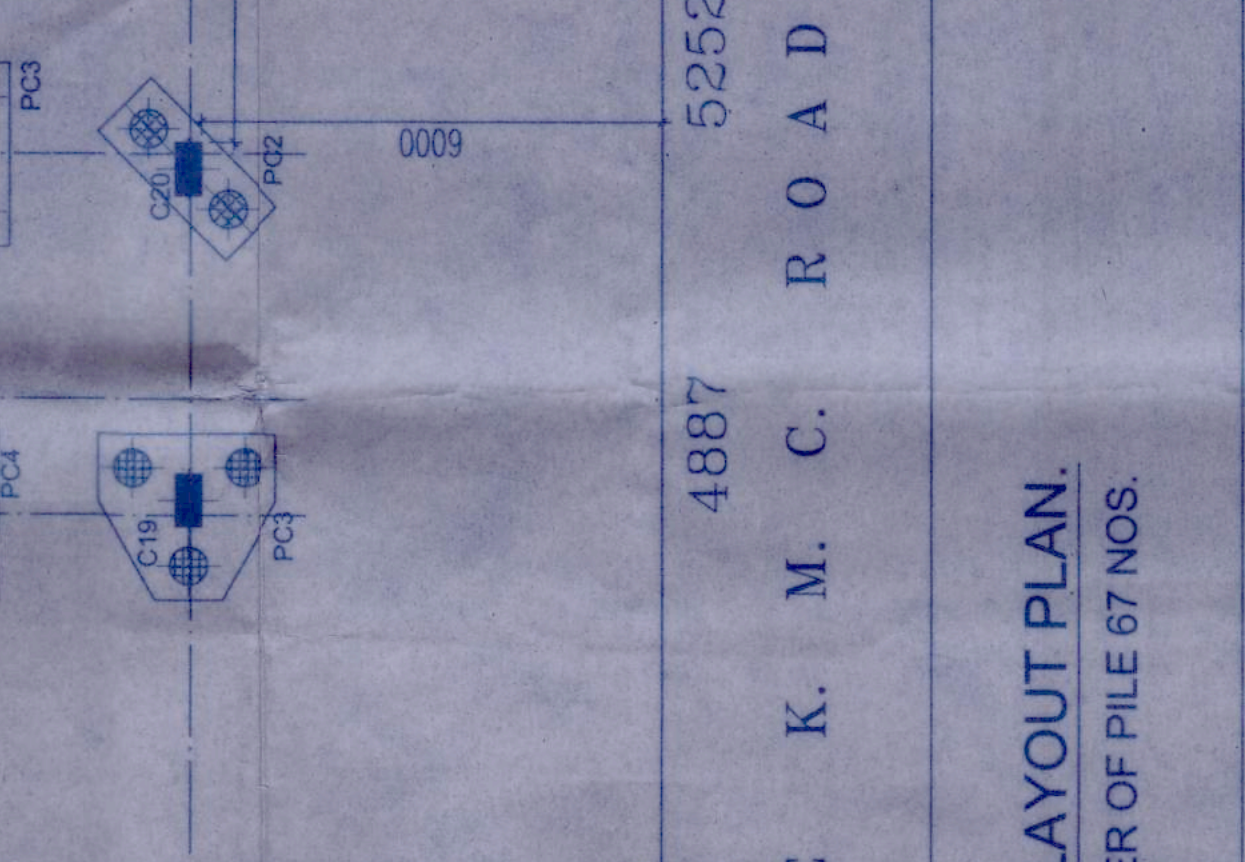
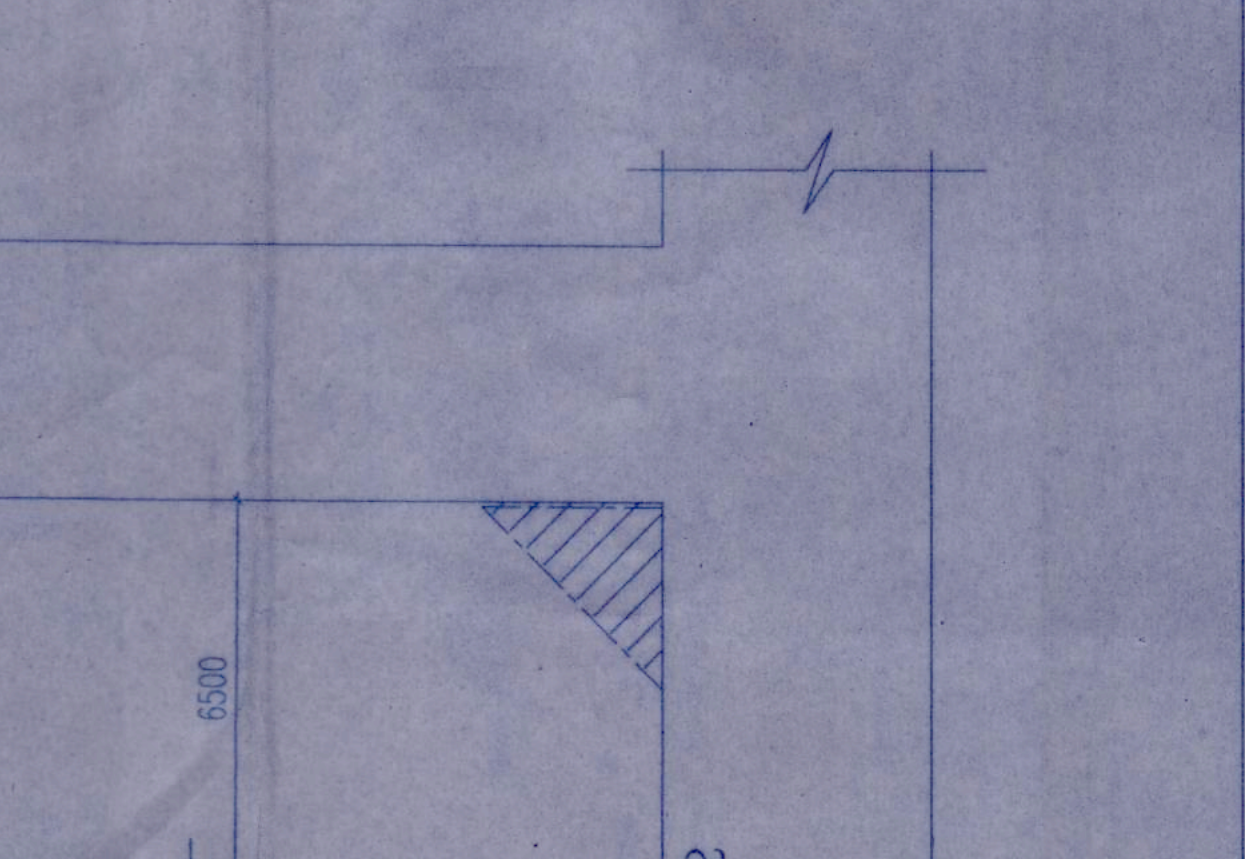
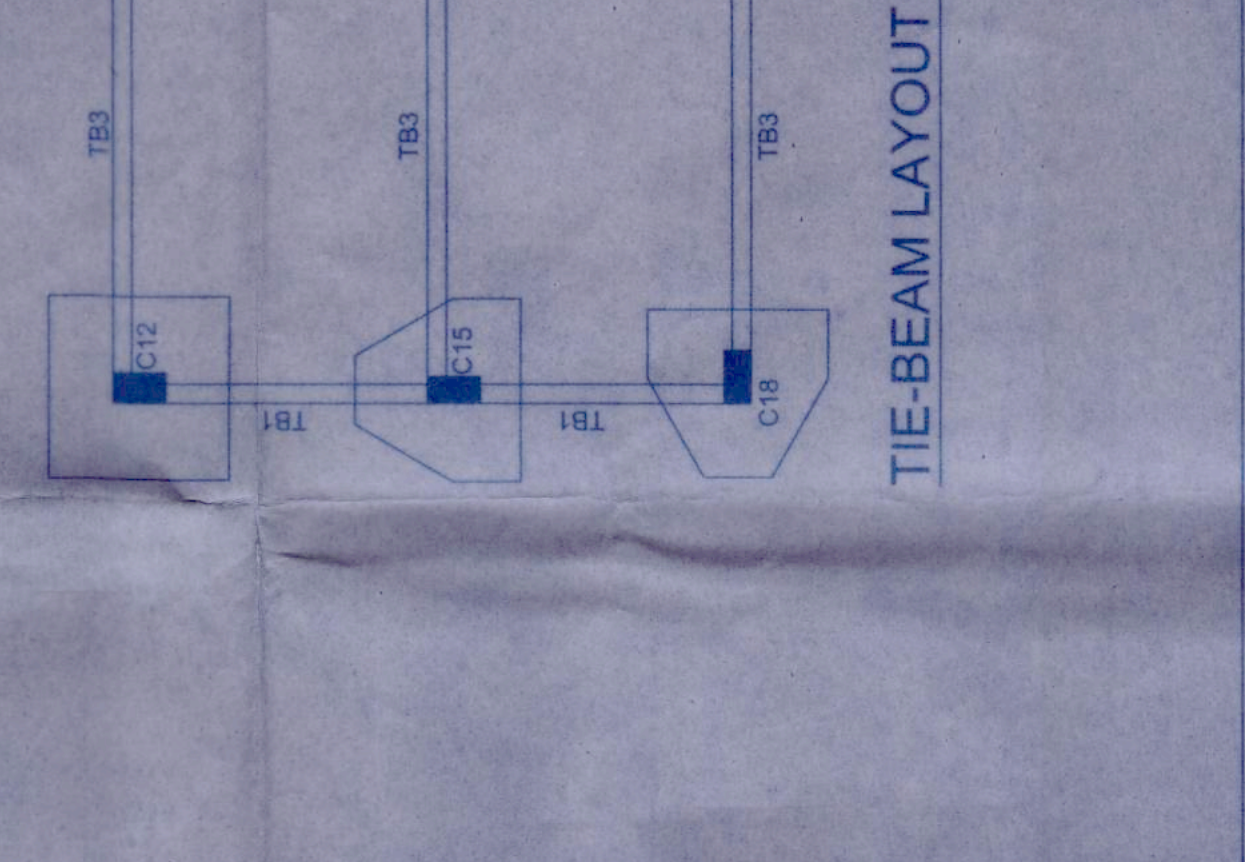
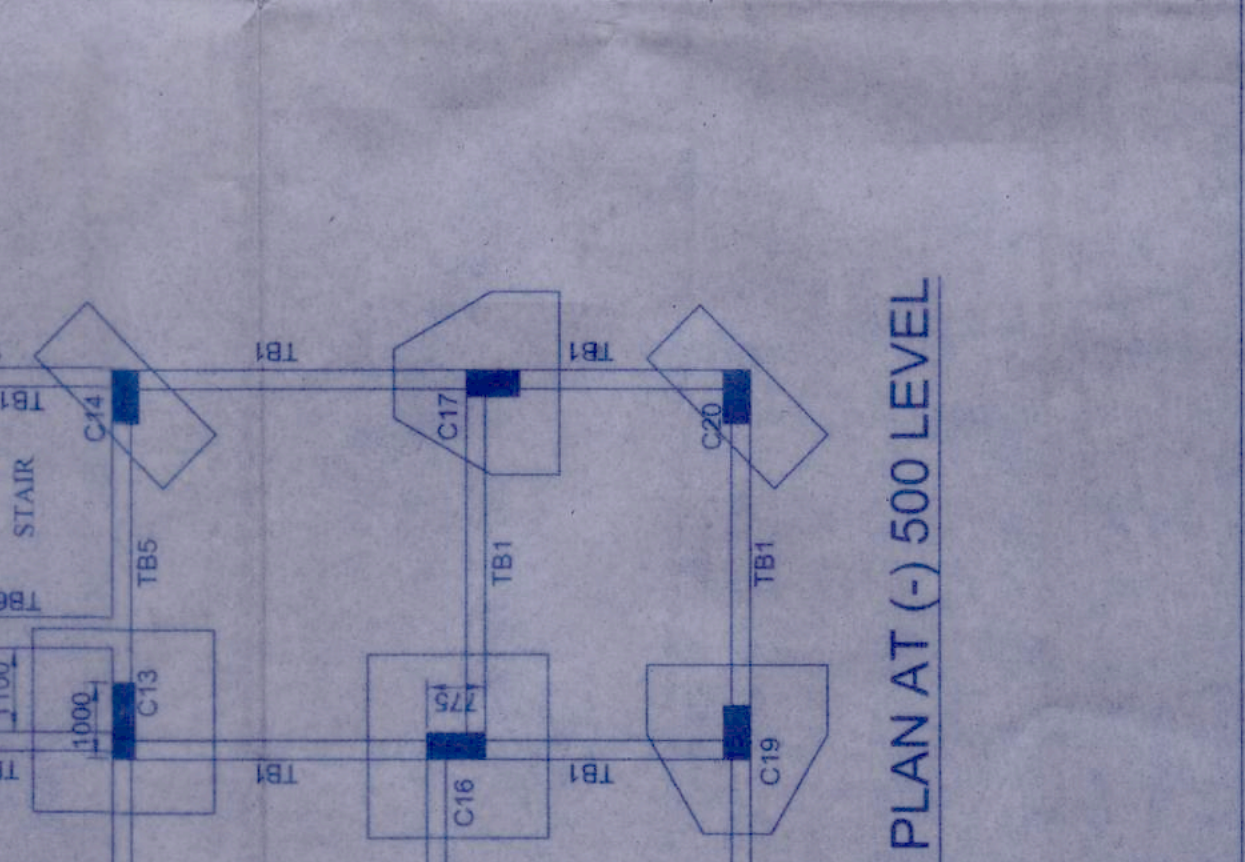
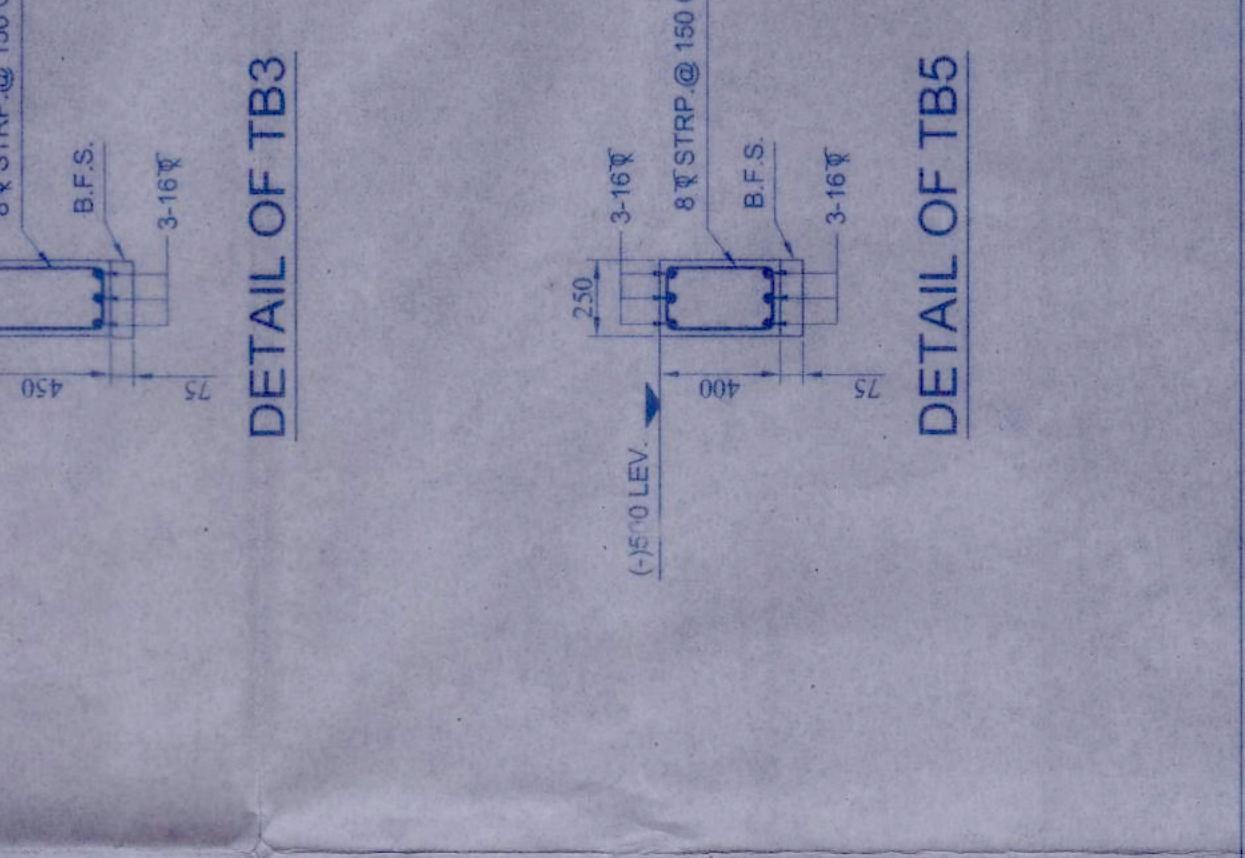
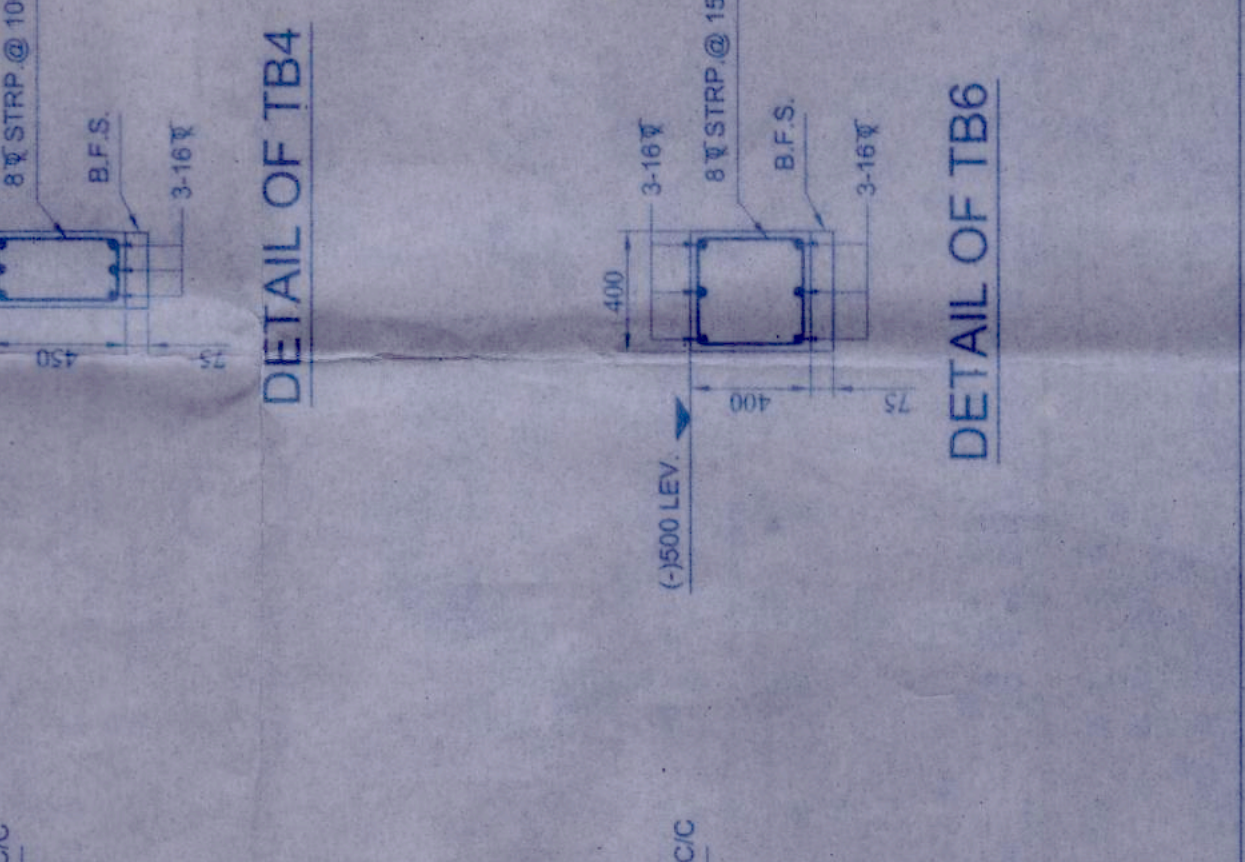
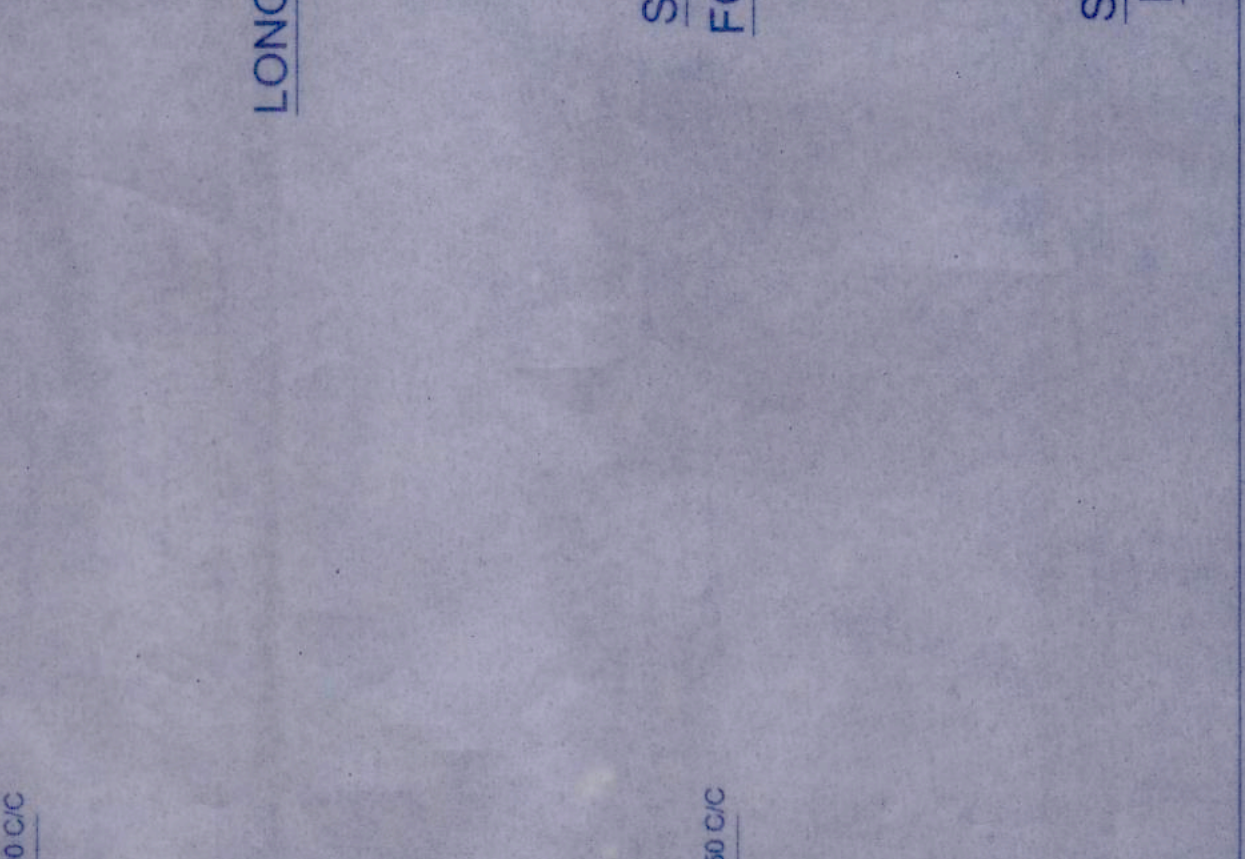
NUMBER OF PILE 67 NOS.

11900 WIDE K. M. C. R O A D

5252

4887

1505 8576 5562 8212



**CERTIFICATE OF ARCHITECT**

THE PLANS AND SPECIFICATIONS SUBMITTED TO ME BY THE CLIENT ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF AND I AM NOT PROVIDING ANY GUARANTEE FOR THE ACCURACY OF THE SAME. I AM NOT A PART OF THE DESIGN TEAM AND I AM NOT PROVIDING ANY TECHNICAL SUPPORT.

**ARCHITECT**

RAJ AGARWAL

RAJ AGARWAL ARCHITECTS

20, RAJAGARH STREET, RAJAGARH, CHENNAI - 600 093

**ENGINEER'S SIGNATURE**

*[Signature]*

**REGISTERED PROFESSIONAL ENGINEER**

REGISTERED NUMBER: [Number]

**ADDRESS:**

[Address]

**CERTIFICATE OF ENGINEER STRUCTURAL ENGINEER**

I HAVE EXAMINED THE ARCHITECTURAL PLANS AND SPECIFICATIONS AND I AM SATISFIED THAT THEY COMPLY WITH THE REQUIREMENTS OF THE NATIONAL BUILDING REGULATIONS AND THE PROVISIONS OF THE EARTHQUAKE RESISTANCE DESIGN OF STRUCTURES (IS 456:2000). I AM NOT PROVIDING ANY GUARANTEE FOR THE ACCURACY OF THE SAME.

**REGISTERED PROFESSIONAL ENGINEER**

REGISTERED NUMBER: [Number]

**ADDRESS:**

[Address]

**CERTIFICATE OF OWNER**

I HAVE READ AND UNDERSTOOD THE ARCHITECTURAL PLANS AND SPECIFICATIONS AND I AM SATISFIED THAT THEY COMPLY WITH THE REQUIREMENTS OF THE NATIONAL BUILDING REGULATIONS AND THE PROVISIONS OF THE EARTHQUAKE RESISTANCE DESIGN OF STRUCTURES (IS 456:2000).

**OWNER**

[Name]

[Address]

**NOTES:**

- 1) ALL DIMENSIONS ARE IN MM.
- 2) WALL THICKNESS IS 200 MM.
- 3) GRADE OF STEEL - F450 ALL.
- 4) MINIMUM LAP LENGTH - 45D.
- 5) ALL TIES TO BE SPOT WELDED IN BOTH DIRECTIONS FOR REST - 50% OF BAR.
- 6) SPOT WELDING IS TO BE PROVIDED AT EVERY 1000 MM ALONG THE LENGTH OF THE BAR.
- 7) MAXIMUM LOAD ON EACH PILE - 1000 KNS.
- 8) VERTICAL LOAD IN DATA SUPPLIED BY ARCHITECT.
- 9) FOUNDATIONS SHOULD BE DONE WITH DWD METHOD ONLY AND BENTONITE SUSPENSION SHOULD BE USED DURING DRILLING AS PER IS 6500:2002.
- 10) ALL TESTS OF PILE SHOULD BE CONFORM TO IS 5413 PART I.
- 11) ALL TESTS OF PILE SHOULD CONFORM TO IS 5413 PART I, SECTION 3.
- 12) EXT. TOP & BOTT. BEAM TO BE EXTENDED UP TO ALL SUPPORTS FOR A LENGTH OF 1.0 M FROM SUPPORT.
- 13) BOTTOM BARS TO BE AT 1/4 TH FROM SUPPORT.
- 14) STRUCTURAL DESIGN IS DONE FOR ONE STORED BUILDING ONLY.

**PROJECT:**

PROPOSED 6X4 (36M X 12M) STORED RESIDENTIAL BUILDING AT PLOT NO. 1748, KOLKATA-700048, WARD NO. 36, BURBOURGH - X

**TITLE:** SANCTION DRAWING

**JOB NO.:** 192014-2015

**DRG. NO.:** EP501

**DRAWN BY:** RAJAGARH

**SCALE:** 1/100

**DATE:** 28.07.15

**ARCHITECT: RAJ AGARWAL & ASSOCIATES**

RAJ AGARWAL ARCHITECTS

20, RAJAGARH STREET, RAJAGARH, CHENNAI - 600 093

**REGISTERED PROFESSIONAL ARCHITECT**

REGISTERED NUMBER: [Number]

**ADDRESS:**

[Address]

**ENGINEERS FORUM**

1884, P. A. SHAH ROAD, KOLKATA-700048

PHONE: 222-4331, 2422-7250

MOBILE: 98308-22988, 98308-22989

WWW.ENGINEERSFORUM.COM

**REGISTERED PROFESSIONAL ENGINEER**

REGISTERED NUMBER: [Number]

**ADDRESS:**

[Address]