

CERTIFICATE OF STRUCTURAL STABILITY
 WE HEREBY CERTIFY THAT THE FOUNDATION & SUPER STRUCTURE OF THE BUILDING IS PROPOSED FOR CONSTRUCTION ON PLOT NO.337, WARD NO.18, HAVE BEEN DESIGNED BY US WILL MAKE SUCH FOUNDATION & SUPER STRUCTURE SAFE IN ALL RESPECTS INCLUDING THE CONSIDERATION OF SLIDING, CAPACITY, AND SETTLEMENT OF SOIL ETC.

DECLARATION OF OWNER & ARCHITECT/L.B.S
 I CERTIFY THAT ALL THE ARCHITECTURAL DRAWING OF THE PROJECT HAVE BEEN PREPARED BY ME OR MY ARCHITECT/ENGINEER/ARCHITECTURAL DRAWING OFFICE. I SHALL BE HELD RESPONSIBLE FOR ANY INCORRECT INFORMATION OR OMISSIONS IN THESE DRAWINGS. I HAVE MADE THESE DRAWINGS IN ACCORDANCE WITH ALL THE RULES & REGULATIONS OF THE WEST BENGAL MUNICIPAL BUILDING RULES 2007. I HAVE FOUND THEM TO BE IN ACCORDANCE WITH ALL THE REQUIREMENTS OF THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

NOTES
 1) ALL DIMENSIONS ARE IN MM. UNLESS SPECIFIED.
 2) GRADE OF CONCRETE: PILE - M-25, PILE CAP-M-25, BEAM-M-25, COLUMN-M-25, SLAB-M-25
 3) GRADE OF STEEL - HY.S.D. (Fe 415) (Fe 500)
 4) DO NOT SCALE THE DRAWING. WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
 5) BASE OF DESIGN IS LIMIT STATE METHOD.
 6) LAPS & ANCHORAGE OF REIN. 50 TIMES DIA OF BARS.
 7) CLEAR COVER TO MAIN REINFORCEMENT PILE = 50MM, PILE CAP FOUNDATION 75MM, BEAM = 25 MM, COLUMN = 40 MM, SLAB = 20 MM.
 8) BEARING CAPACITY OF SOIL CONSIDERED AS PER SOIL REPORT.
 9) CUT OFF LEVEL OF PILE = 1.5 M BELOW G.L.
 10) STRUCTURAL DESIGN IS MADE BY STAAD PRO & SAFE ARE CONSIDERING IS 456:2000 IS 1893:2002 (SEISMIC CODE) IS 13920 (SEISMIC DETAILING) AND LOAD IS CONSIDER AS PER IS 875

TITLE:-
 DETAILS OF FOUNDATION GRID & COLUMN LAYOUT
 DETAILS OF SECTIONAL REINFORCEMENT BEAM & TYPICAL FLOOR BEAM FRAMING PLAN WITH ALL SECTIONAL DETAILS ALONG WITH NECESSARY DUCTILITY DETAILS OF REINFORCEMENT

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PROJECT:-
 G-3 STORED RESIDENTIAL BUILDING'S PLAN
 PROPOSED G-3 STORED RESIDENTIAL BUILDING WITH CONSIDERATION OF LOADING ONE MORE STORED IN DAG NO-1187/1414 KHATAJAN MOZA-AGARPARALI NO. 11 R.S. NO. 31 TOUZI NO-155 P.O. AGARPARALI P.S. KHARDA UNDER PANJALATI MUNICIPALITY, A.D.S.R. SODEPUR, NORTH 24 PGS Name of owner:- I.S.M.T. SANDHYA DEBMAITH

NAME OF ENGINEER:- I.S.M.T. SANDHYA DEBMAITH

FOUNDATION LAYOUT PLAN
 SCALE: 1:100
 AVE 500 MM WIDE NORTH STATION ROAD

FOUNDATION LAYOUT PLAN
 SCALE: 1:100

FOUNDATION LAYOUT PLAN
 SCALE: 1:100

SCHEDULE OF ISOLATED FOOTING
 (CONC. GRADE - M25)

FOOTING MKD	SIZE (W x L)	REINFORCEMENT (W & L)
FG1	2200X2000	200 @ 125 C/C (12 # @ 175 C/C)
FG2	2700X2700	250 @ 125 C/C (12 # @ 125 C/C)

SCHEDULE OF THE BEAMS
 (USE CONC. GRADE - M25)

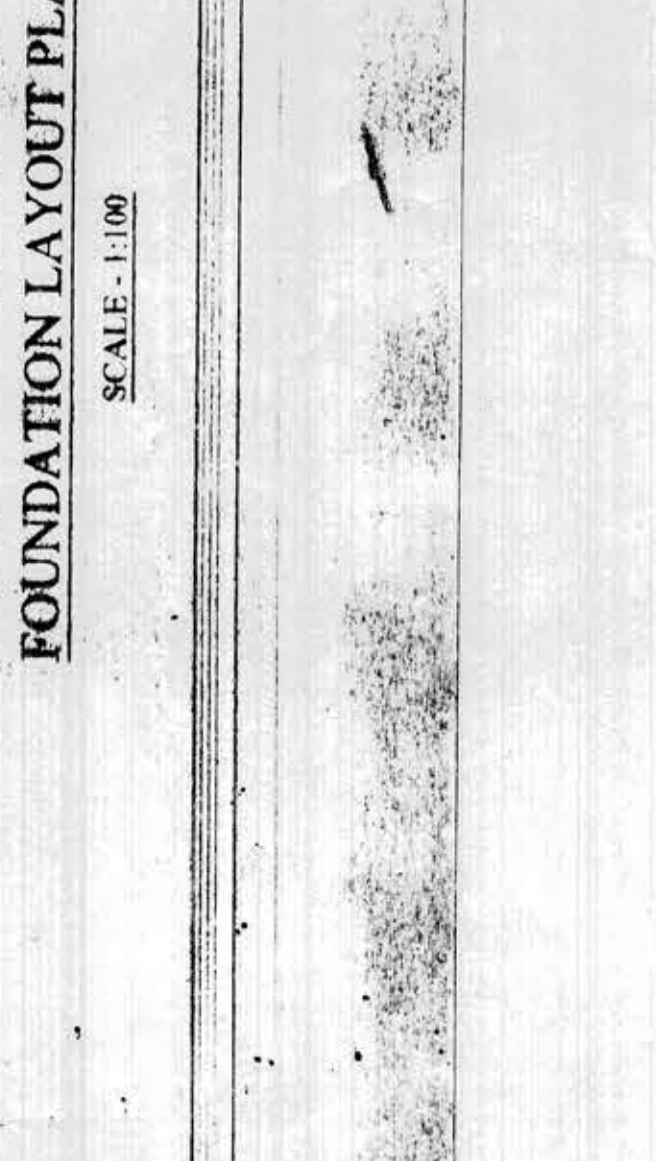
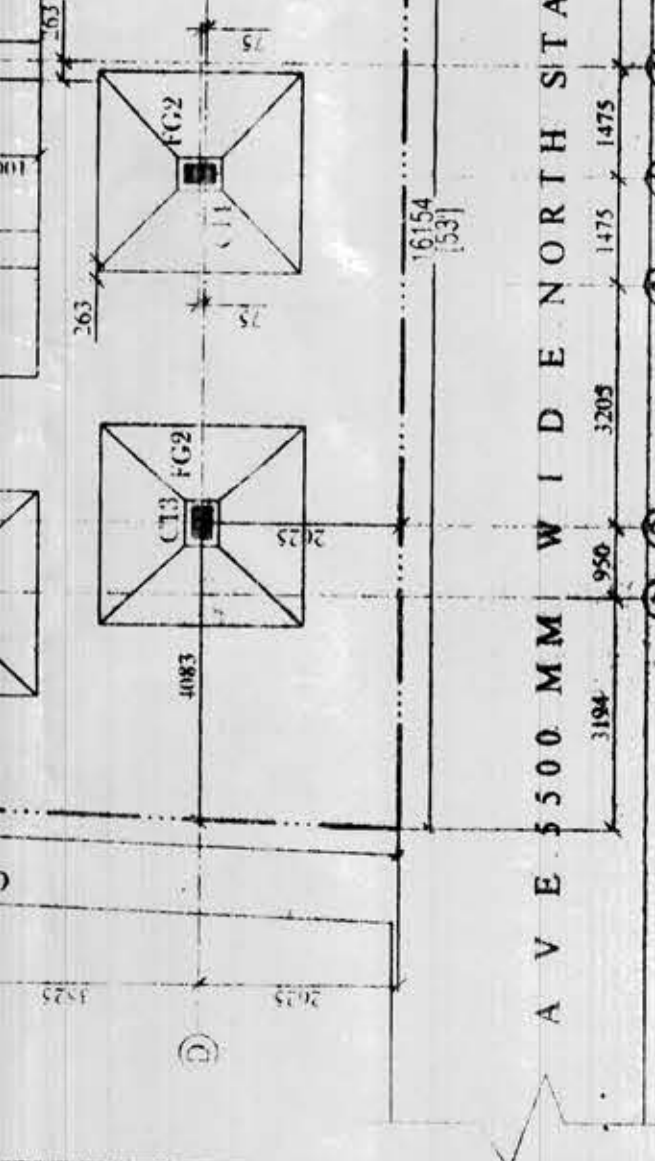
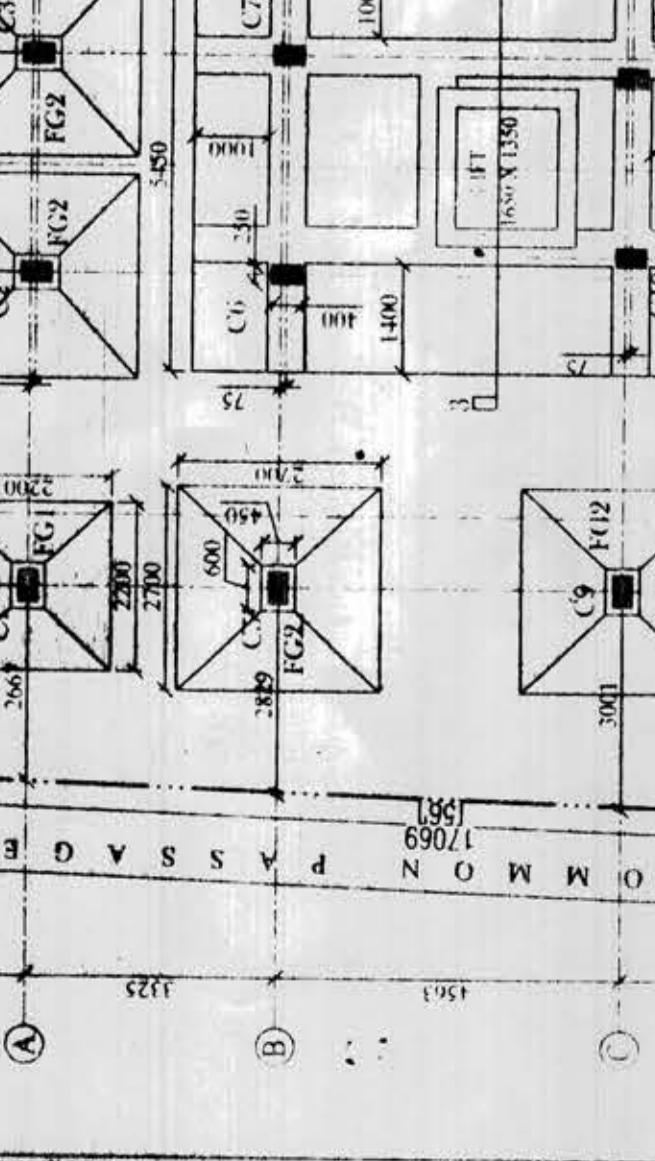
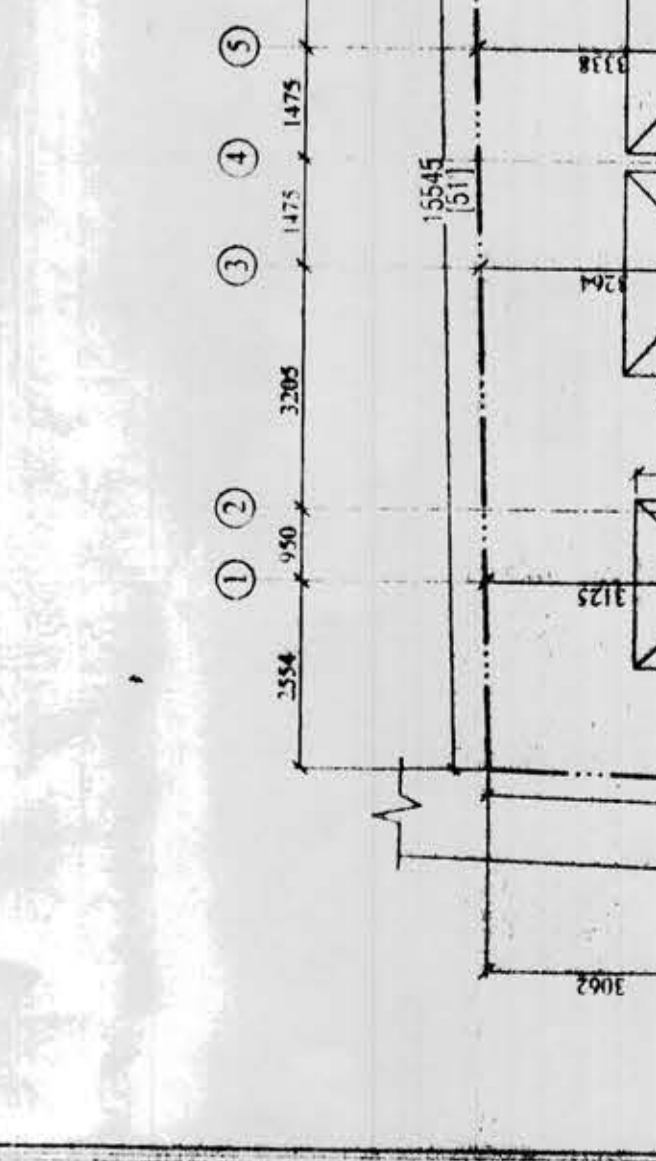
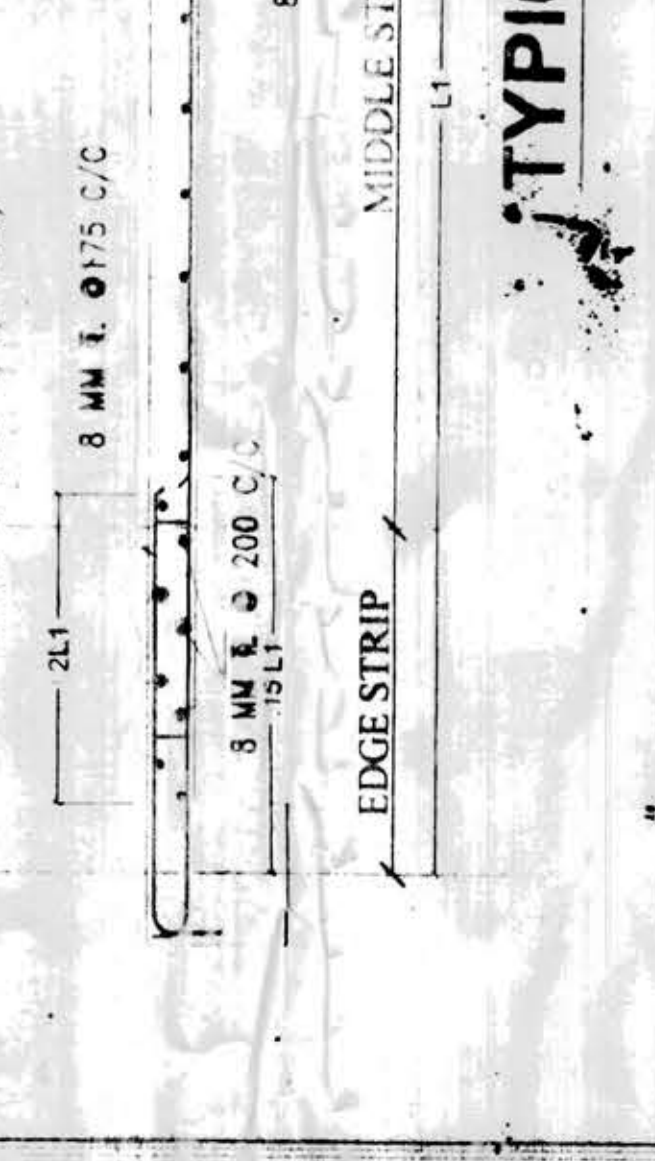
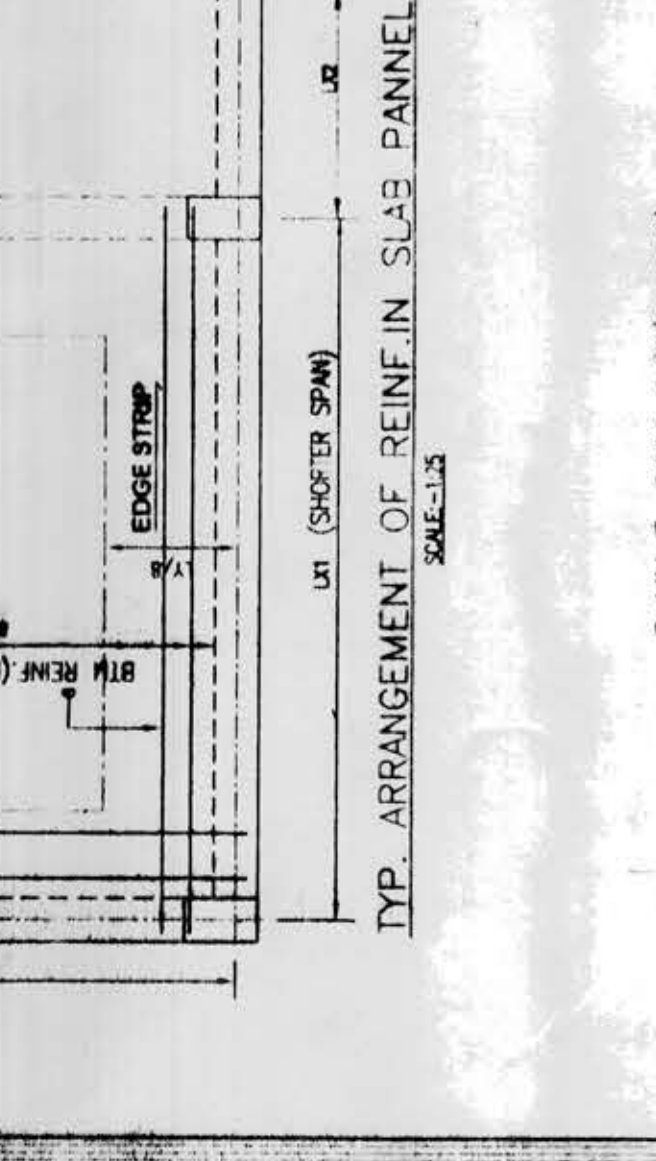
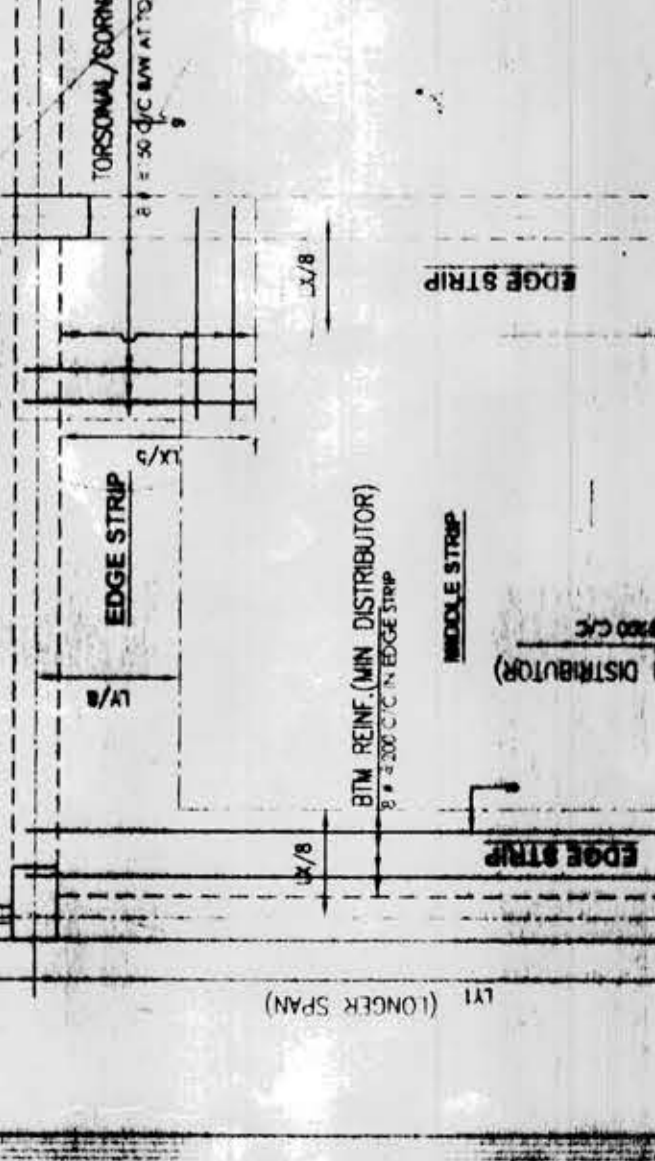
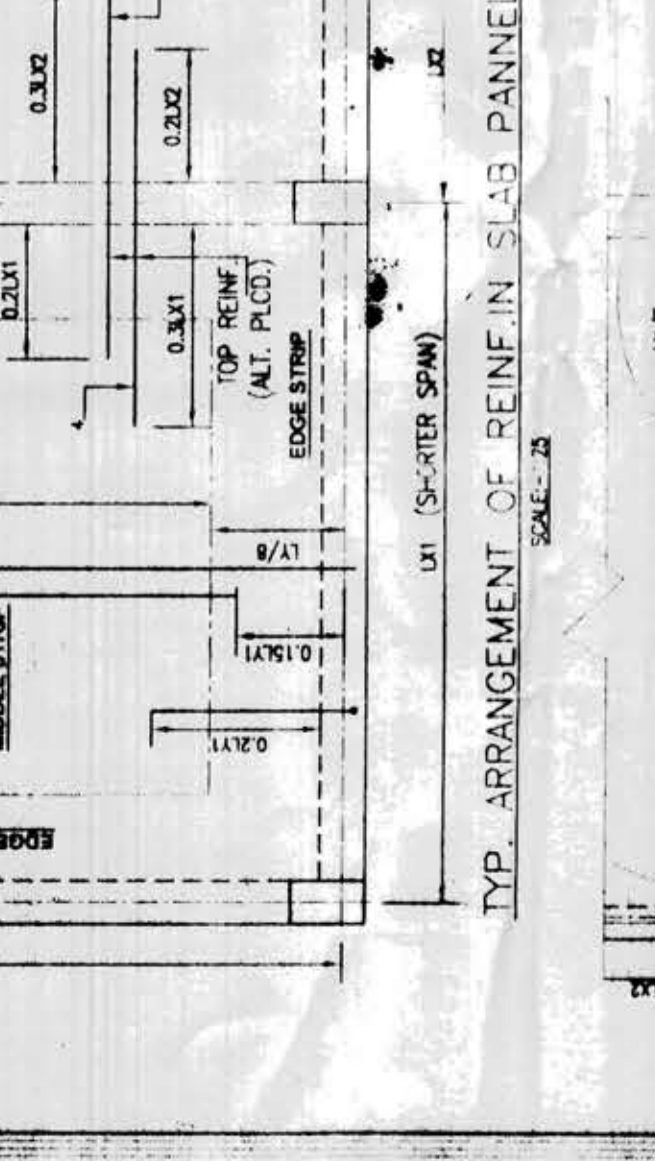
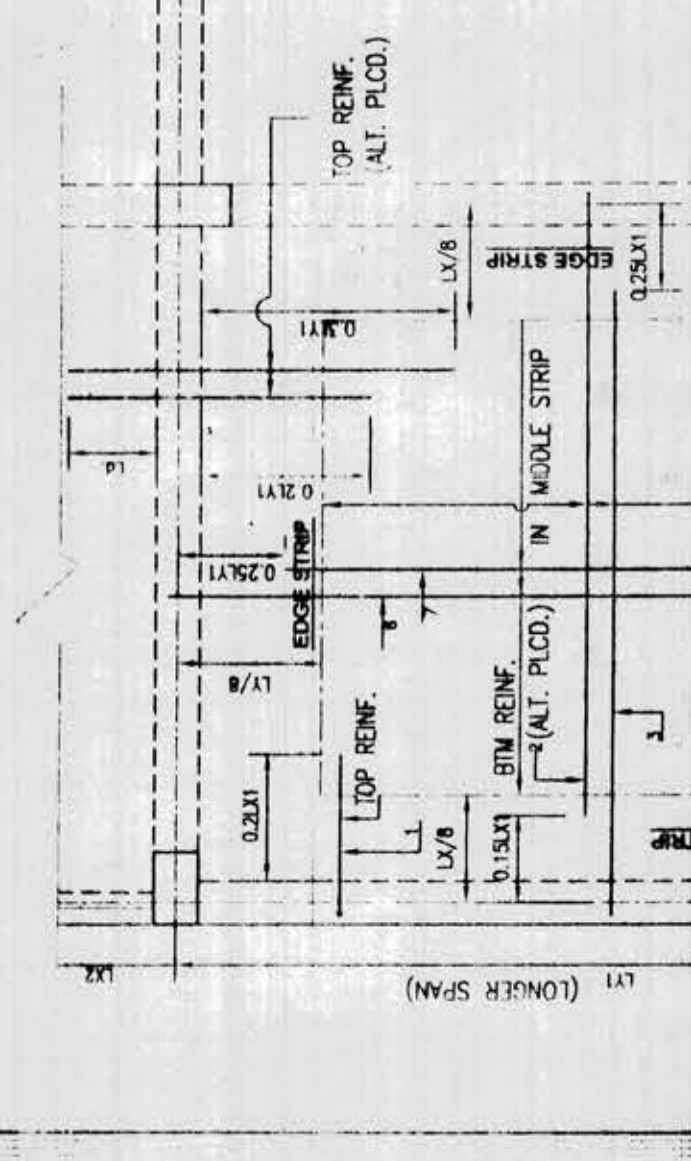
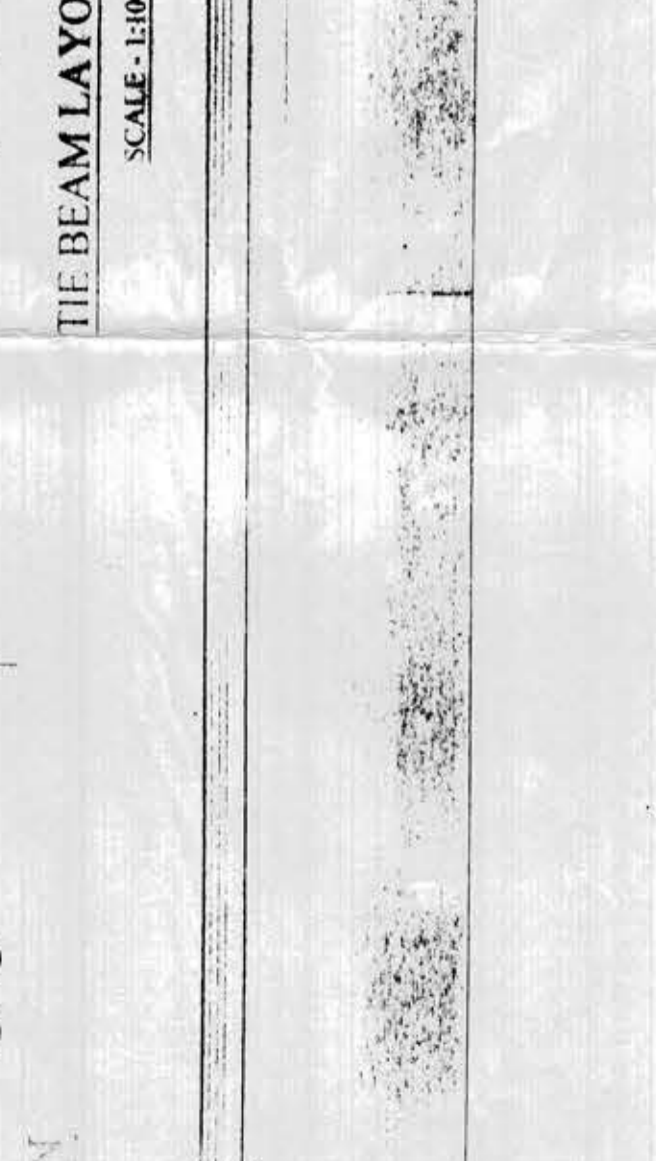
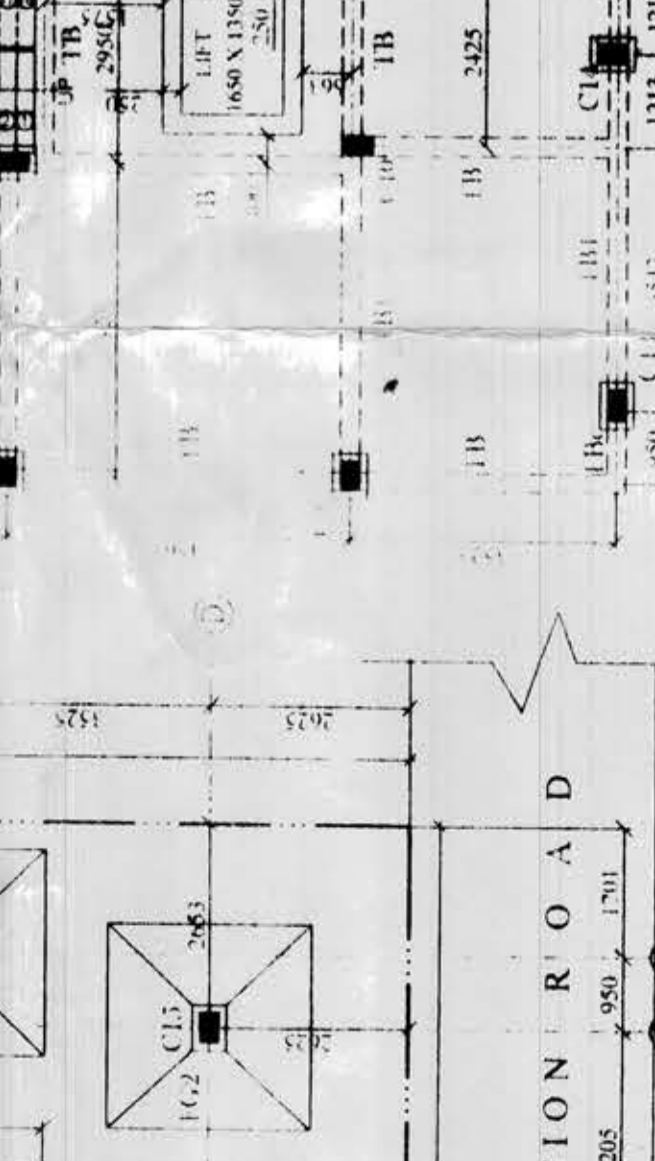
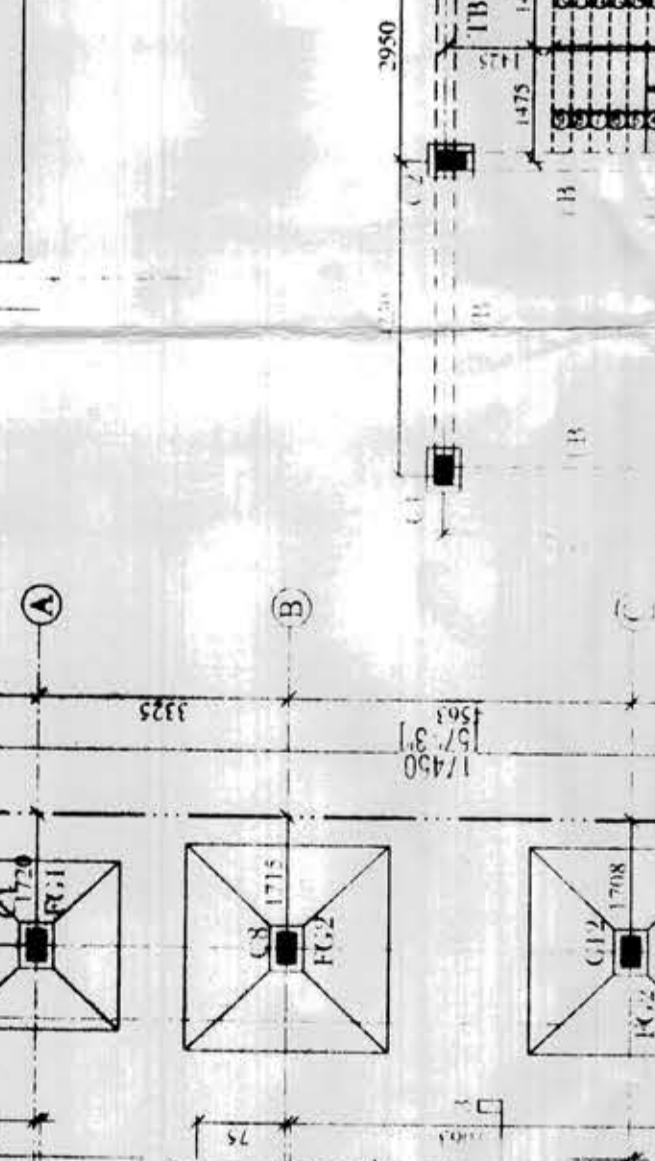
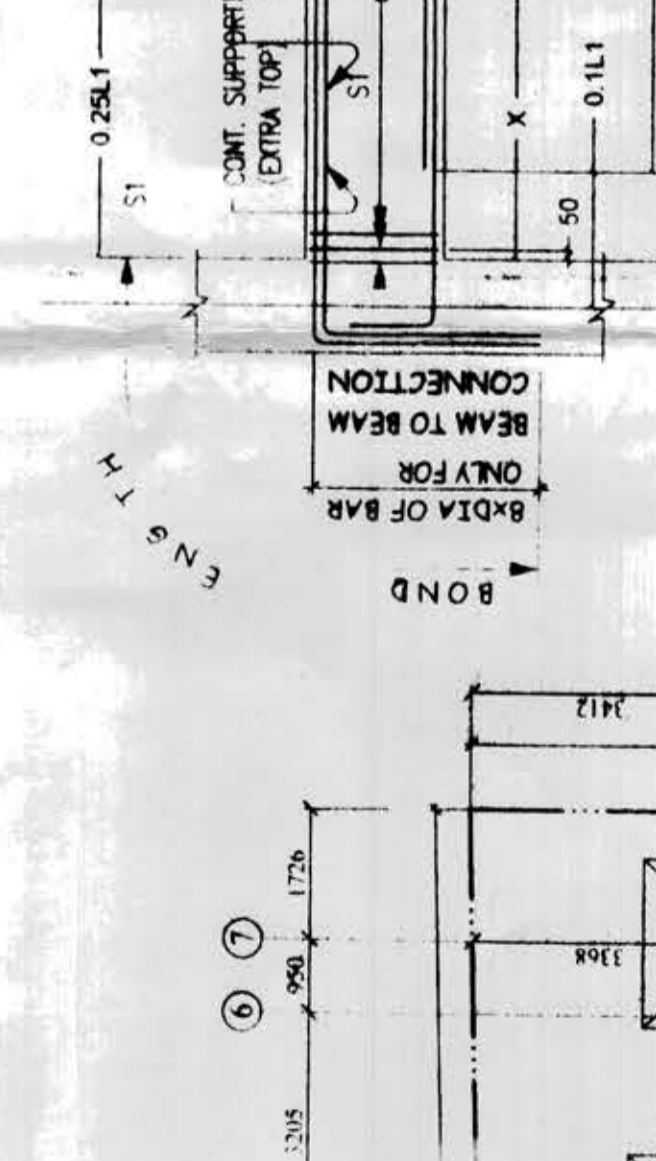
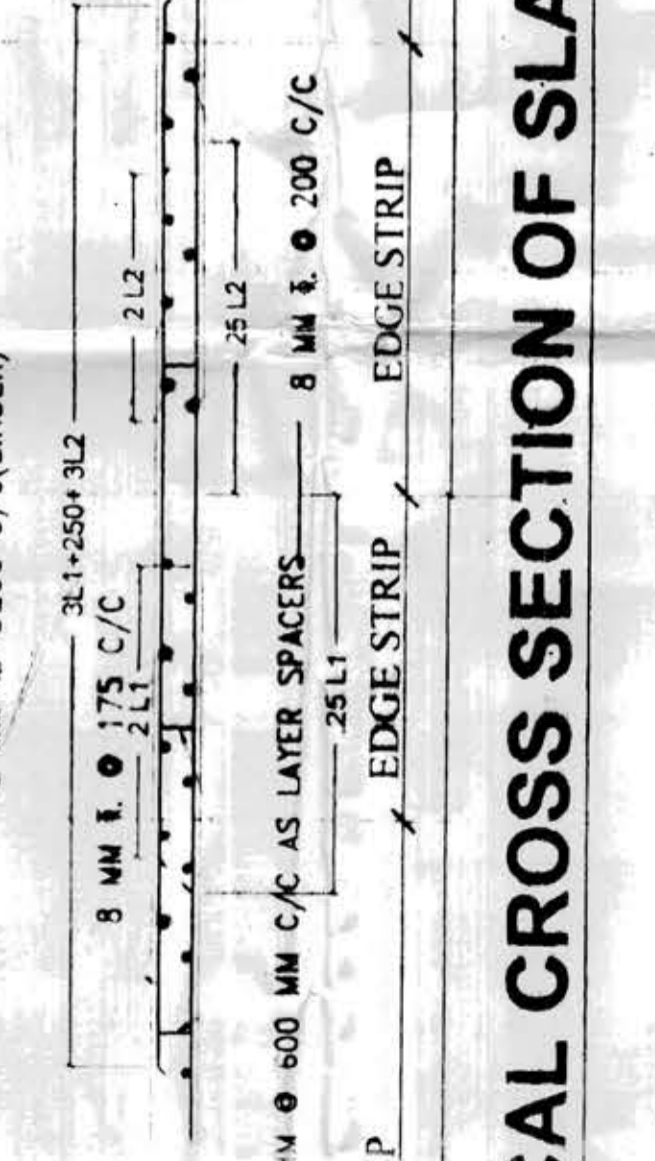
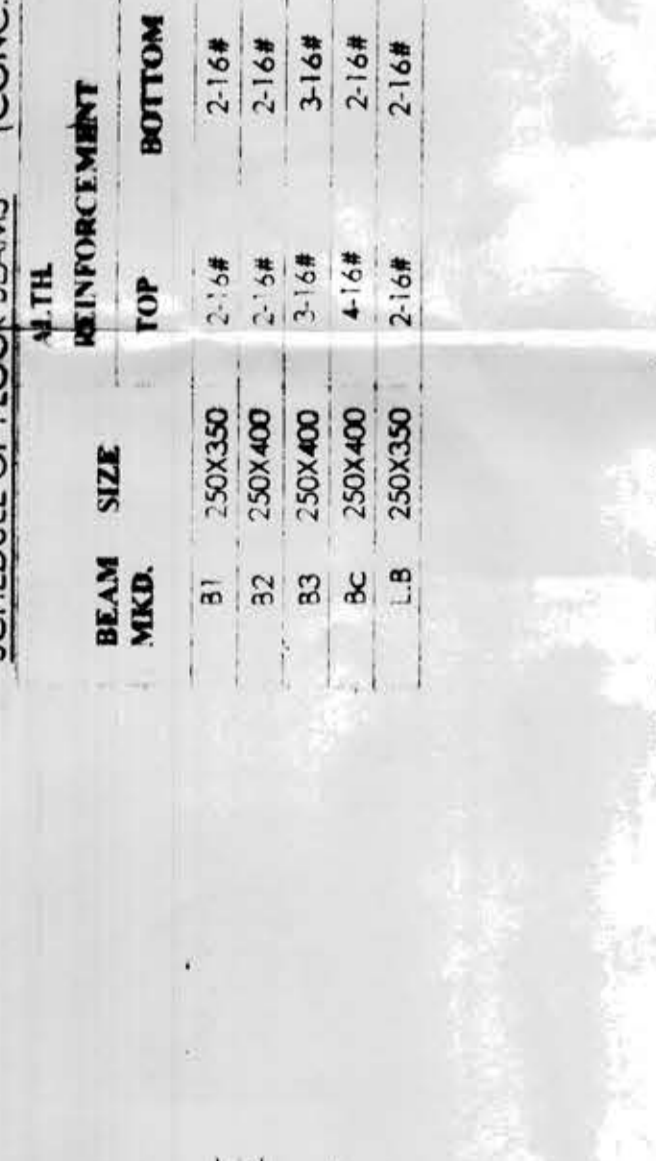
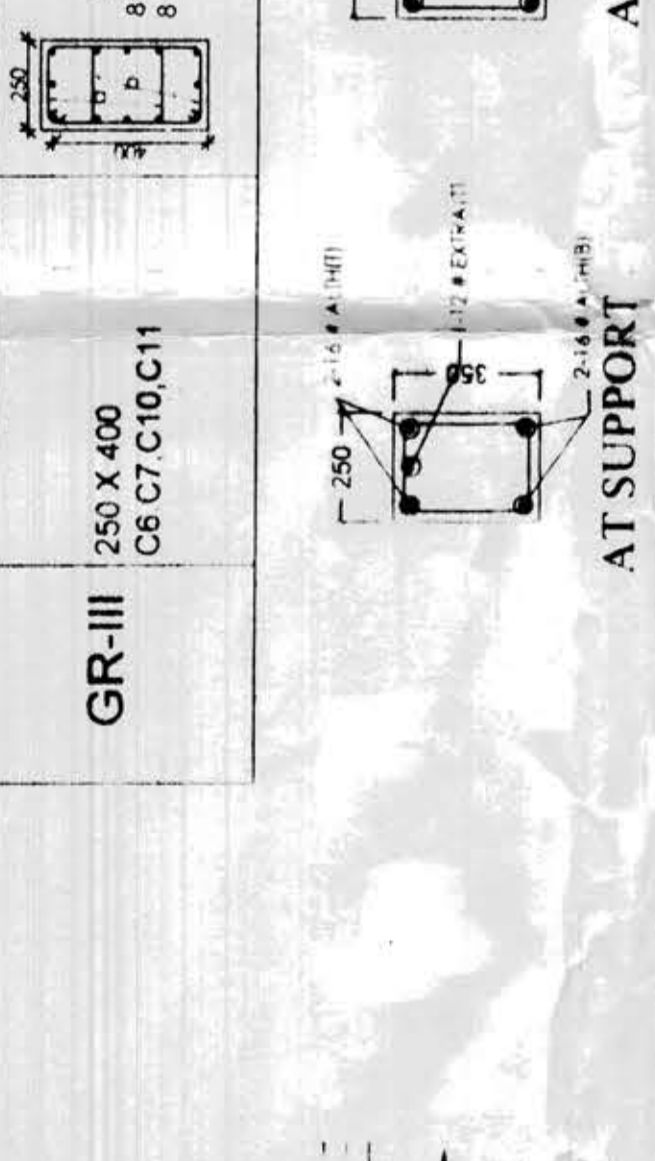
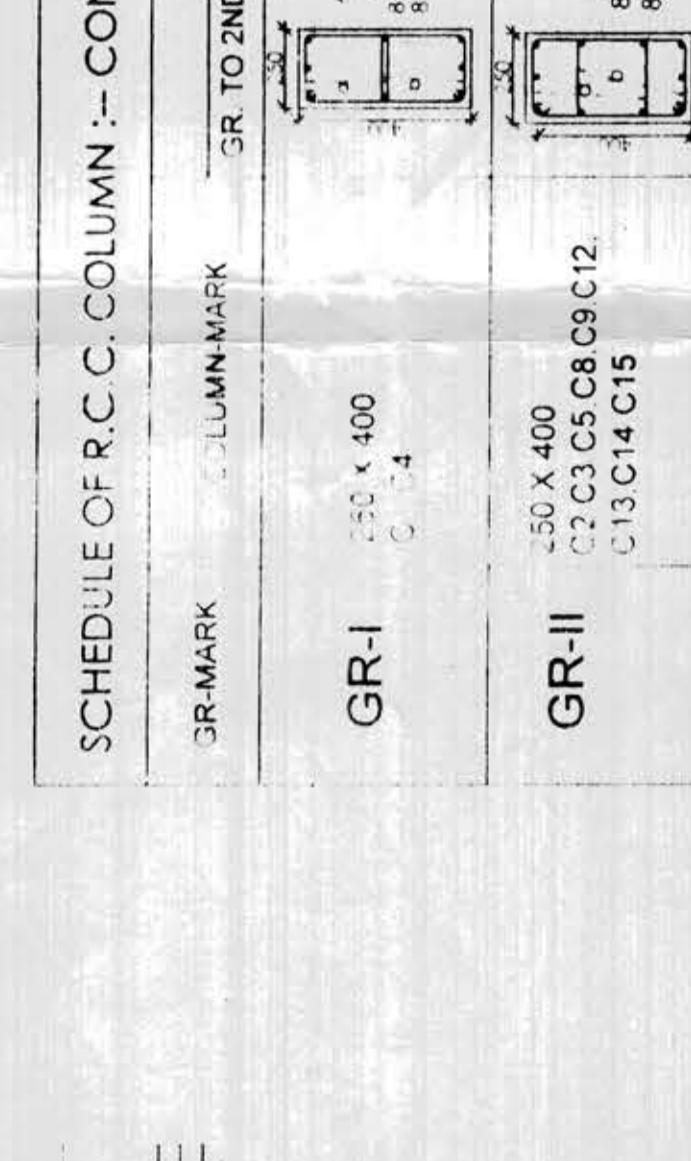
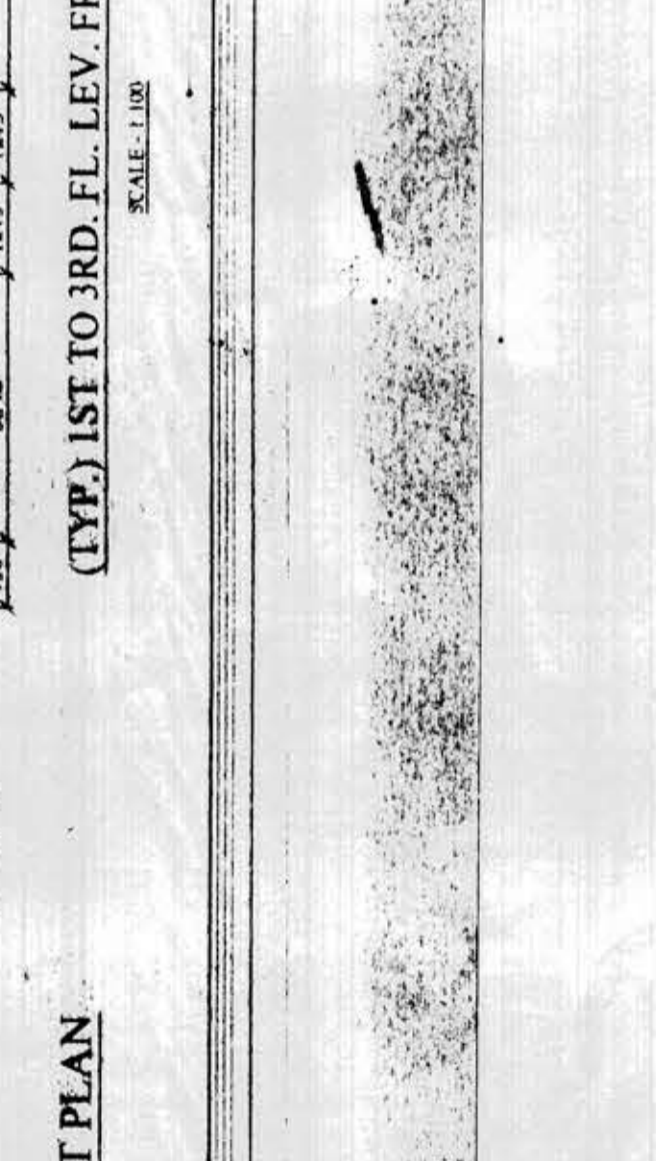
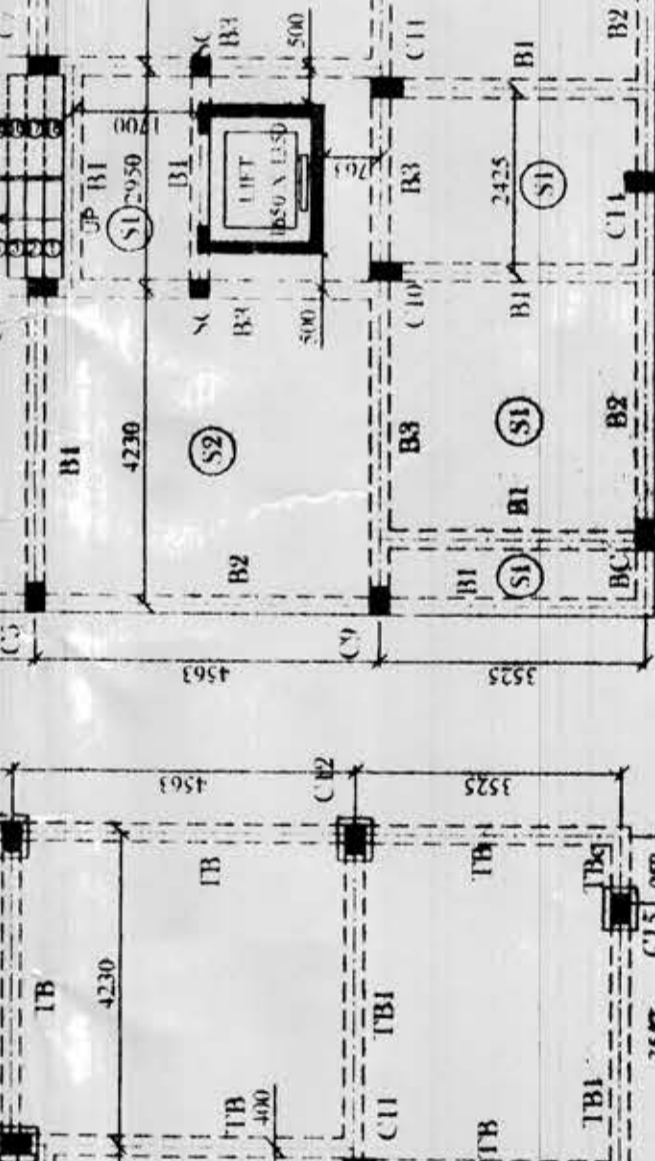
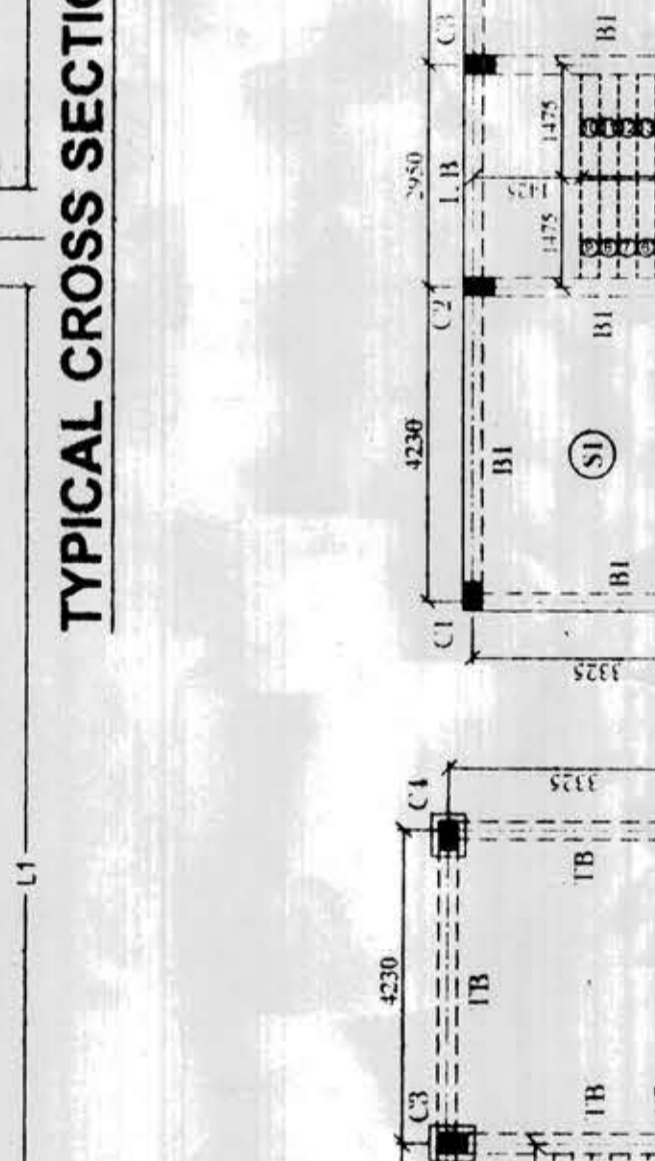
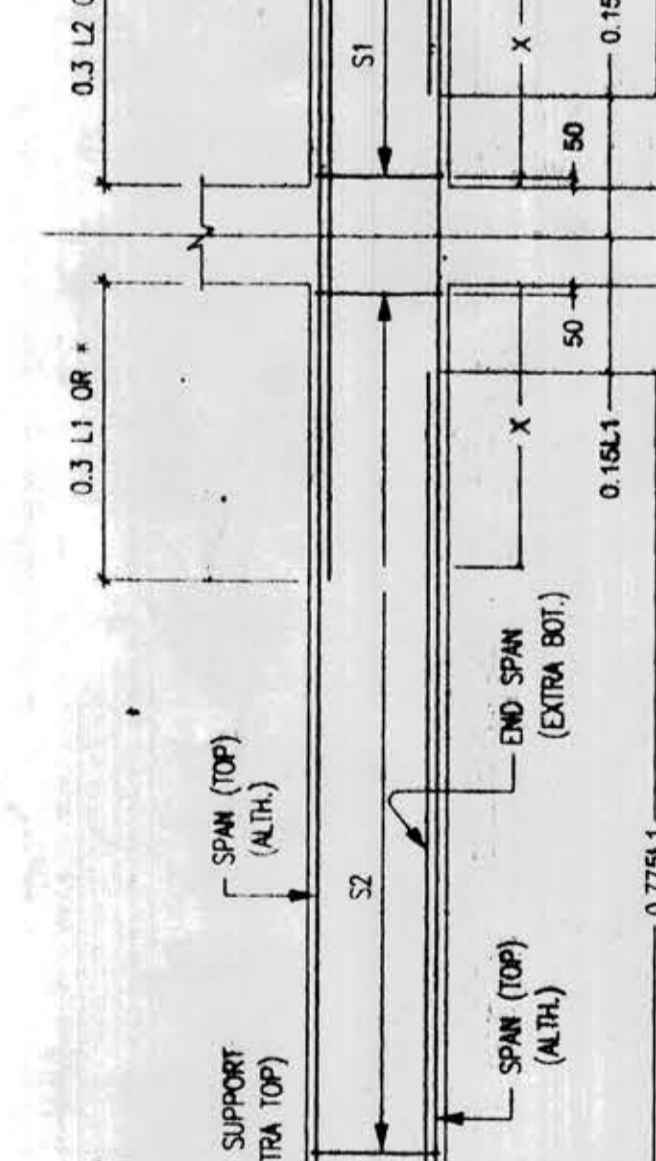
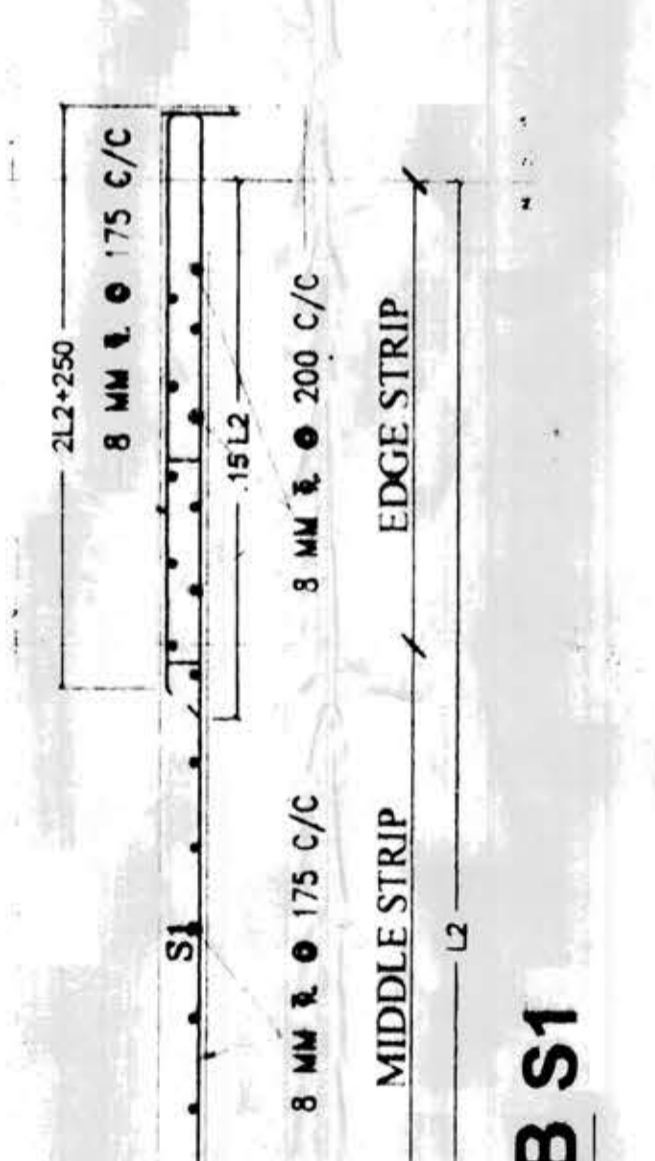
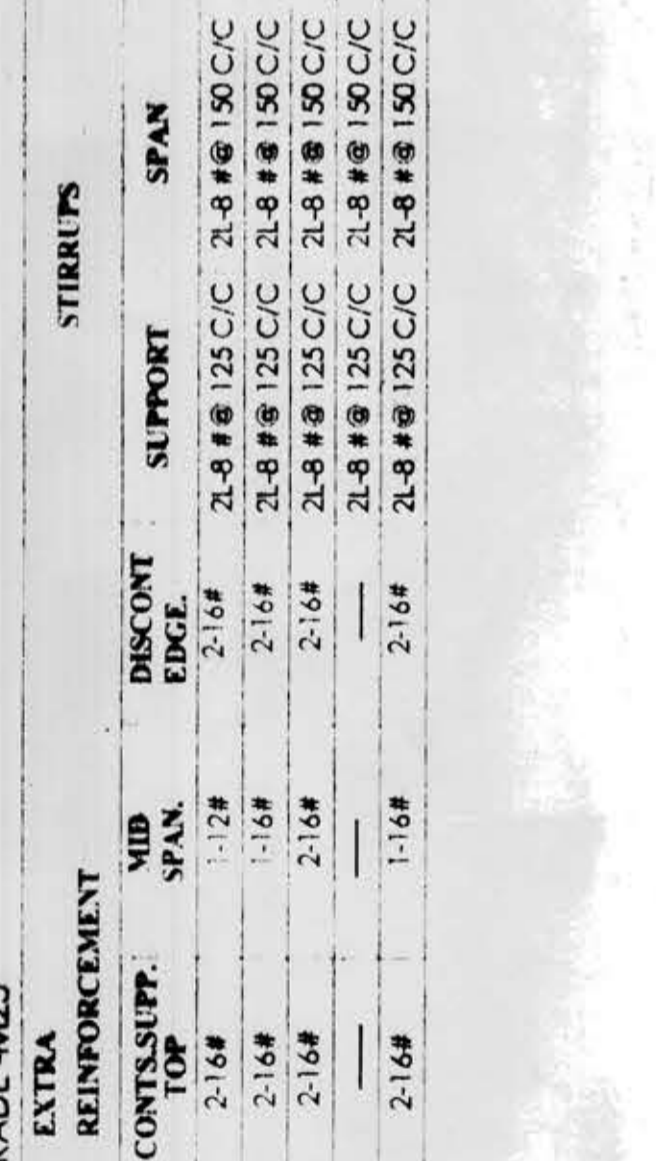
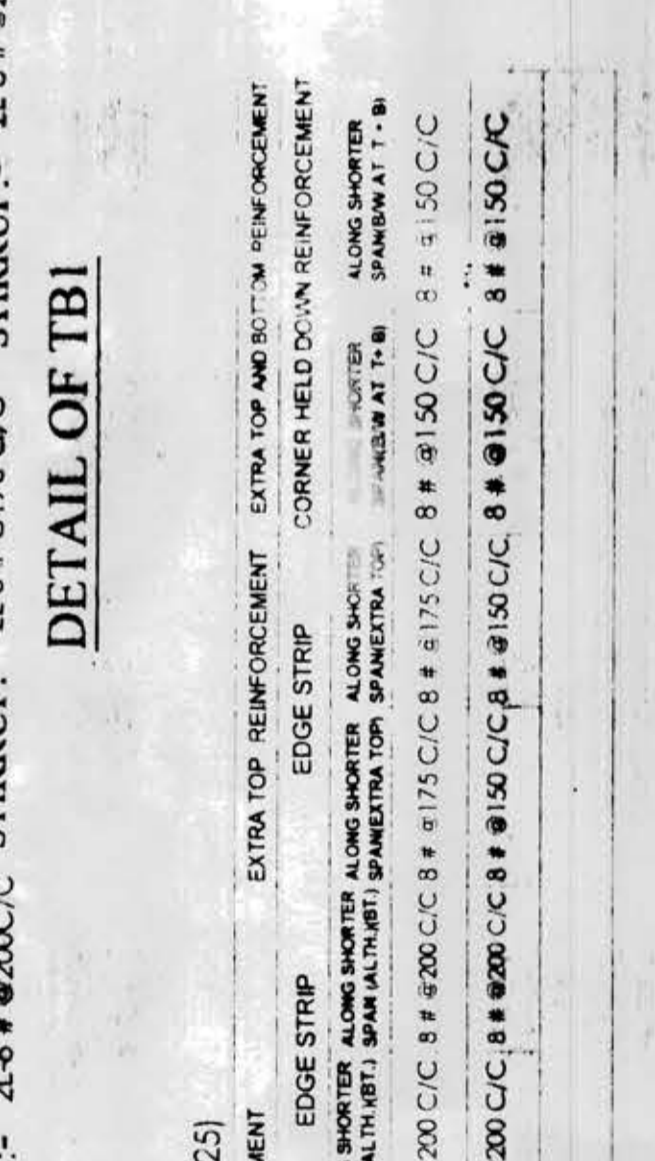
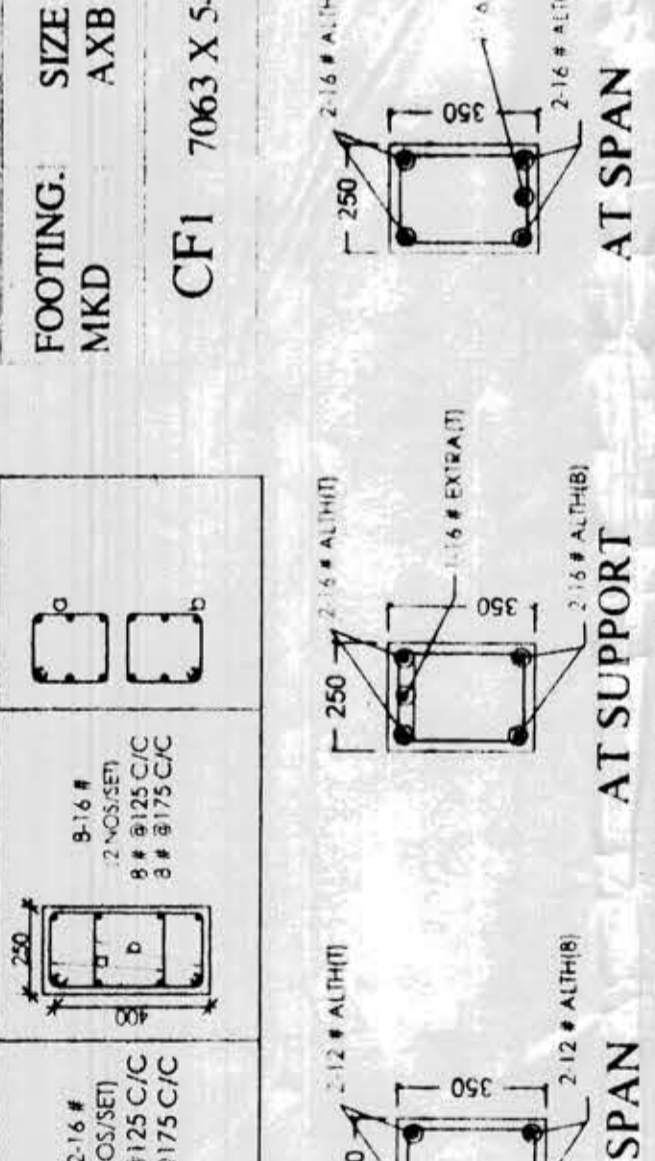
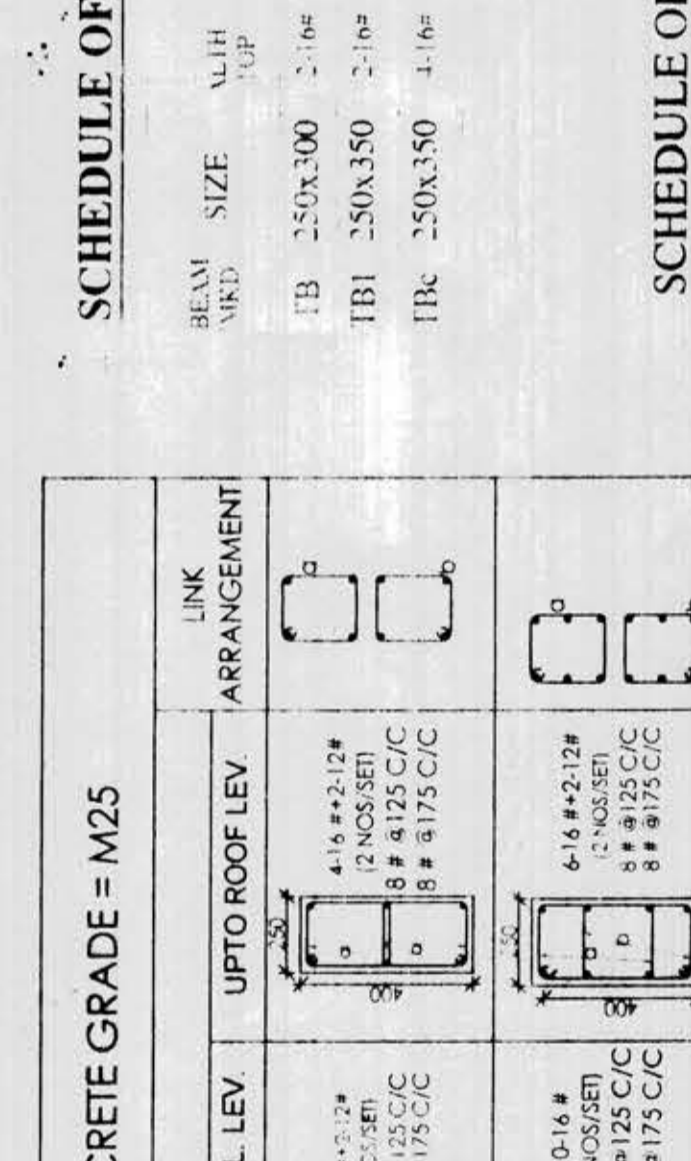
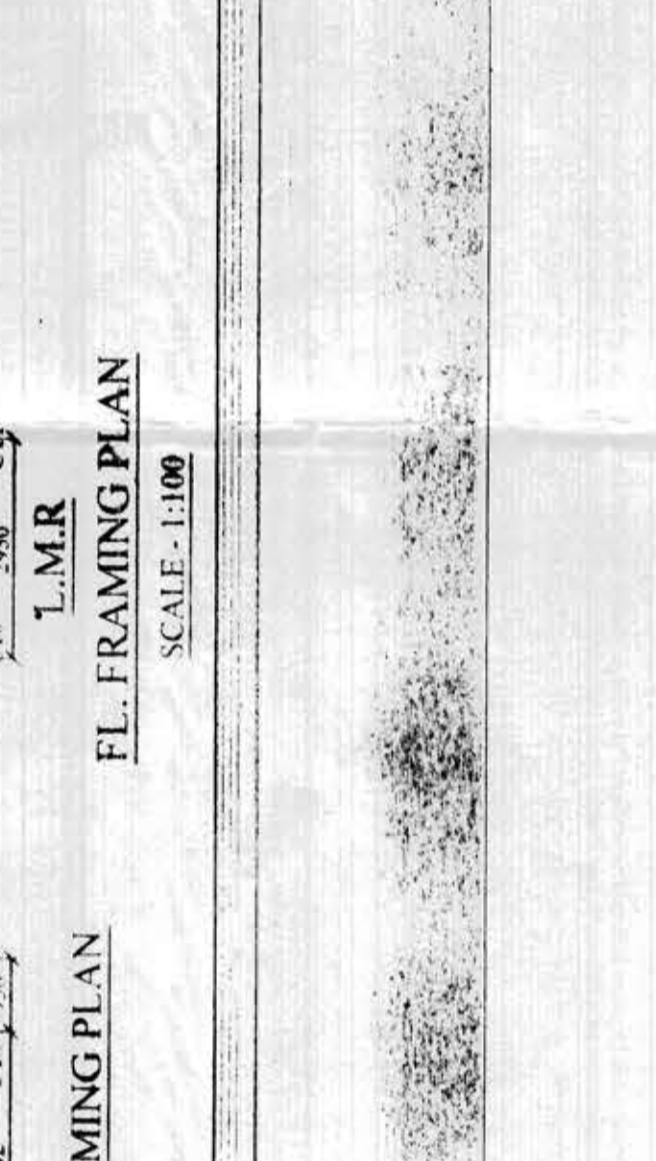
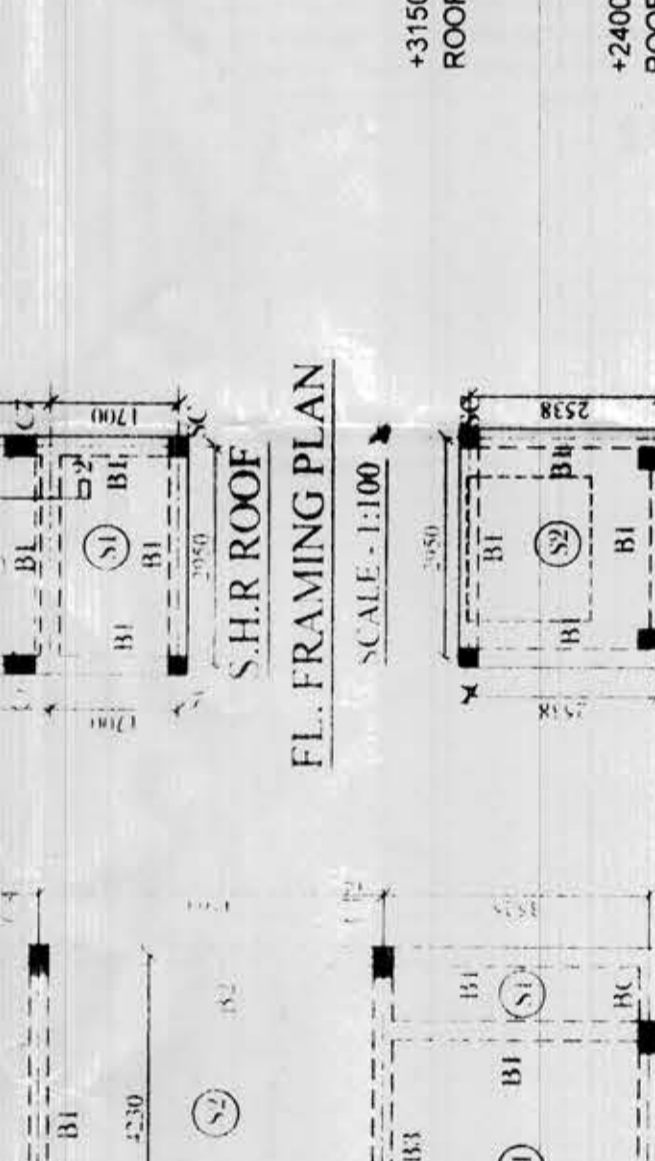
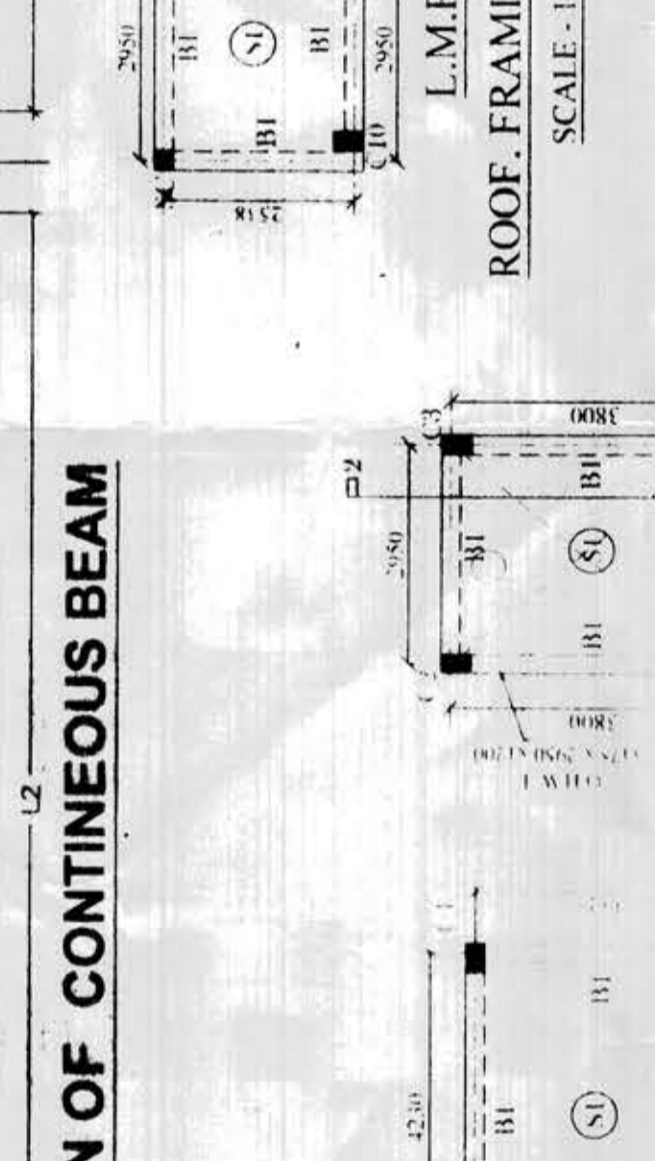
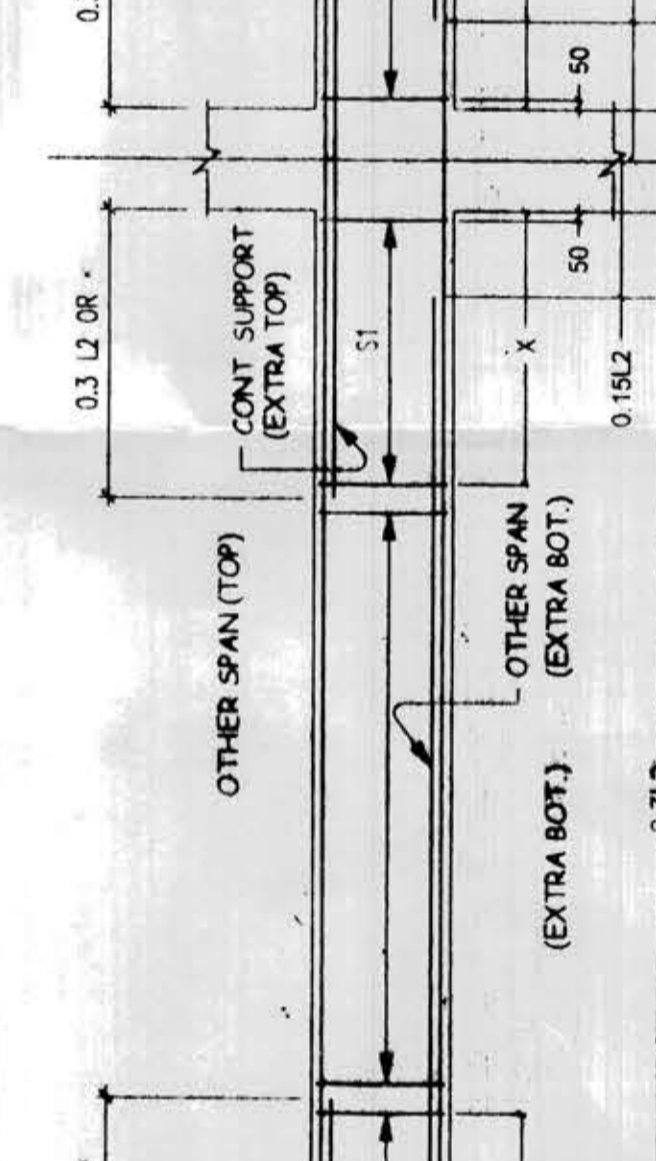
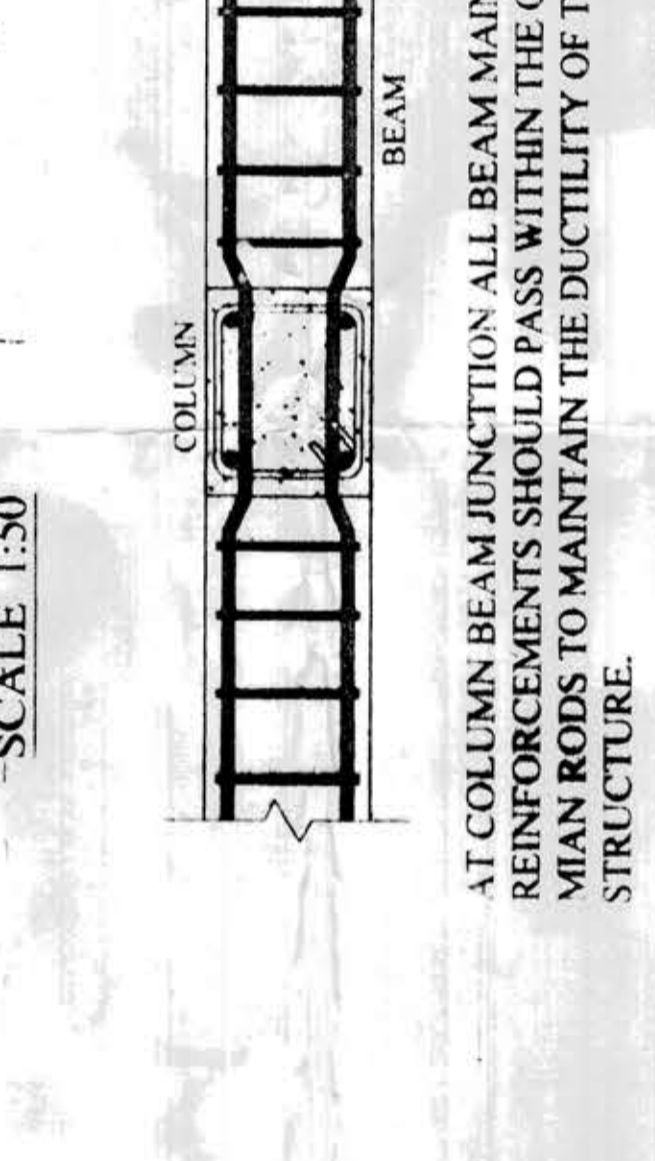
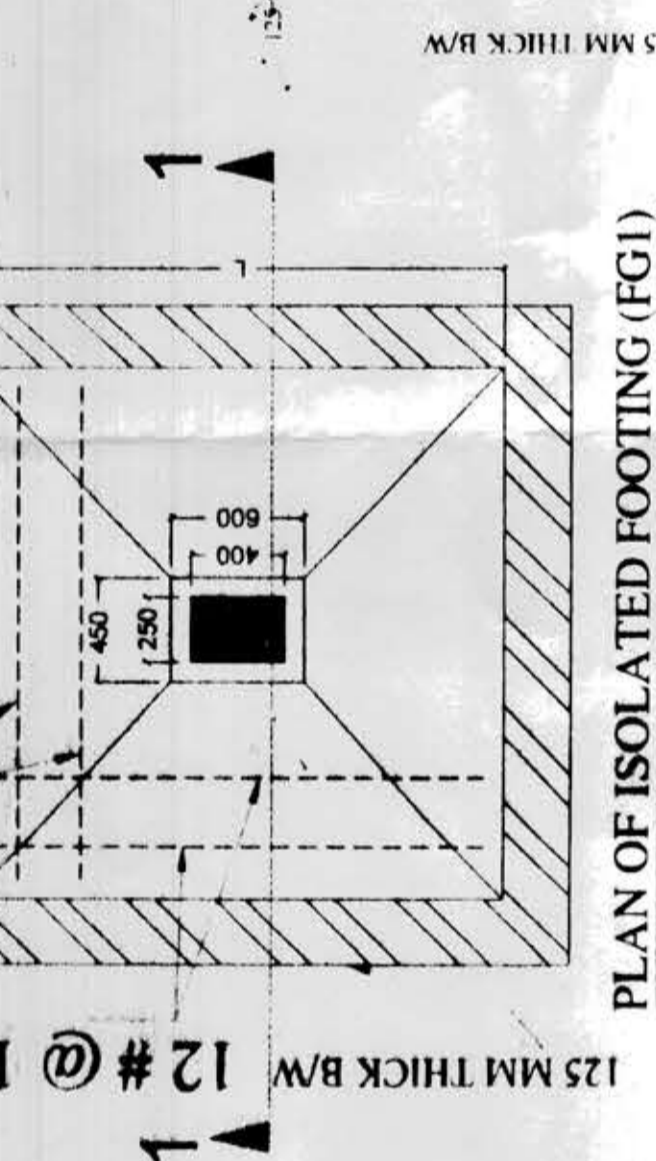
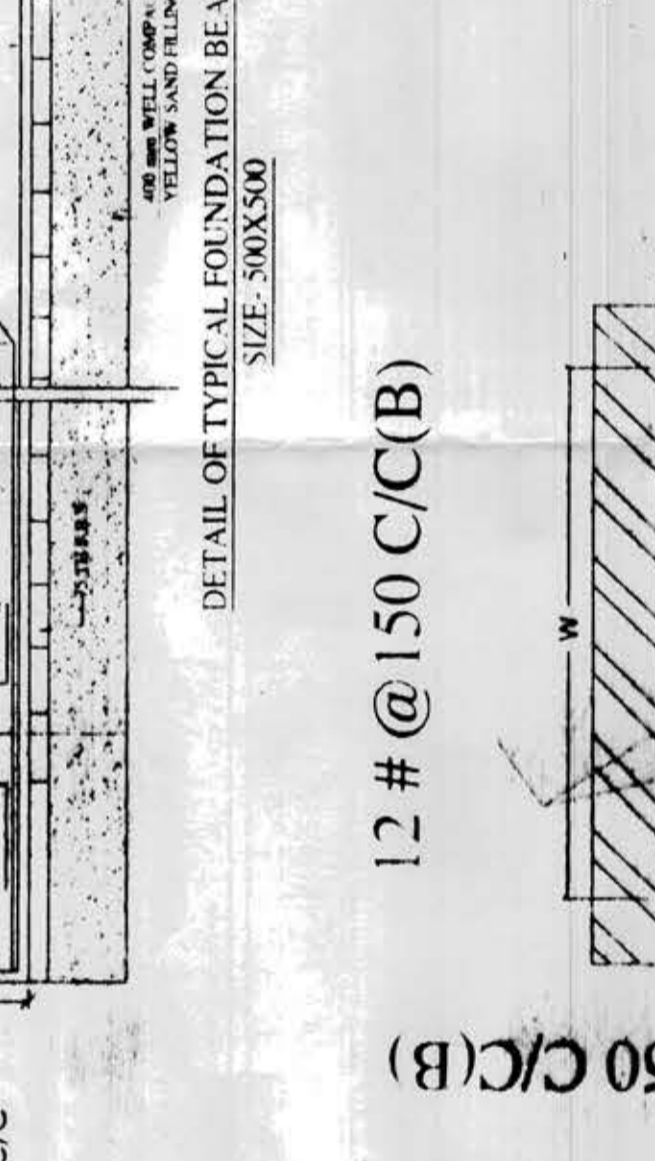
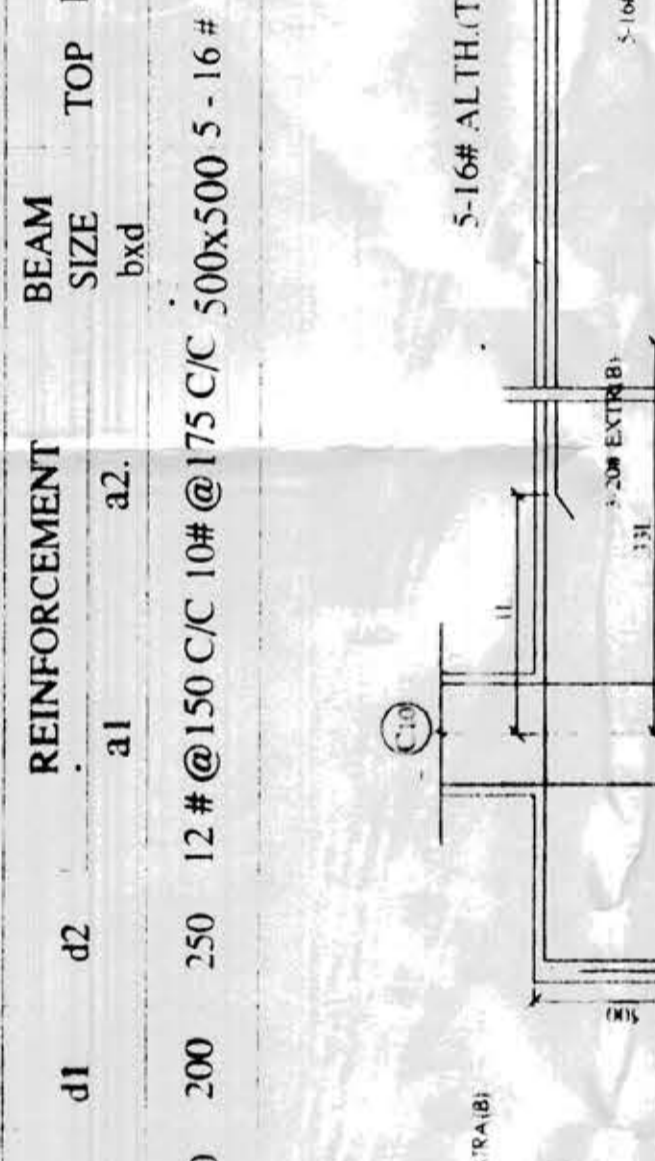
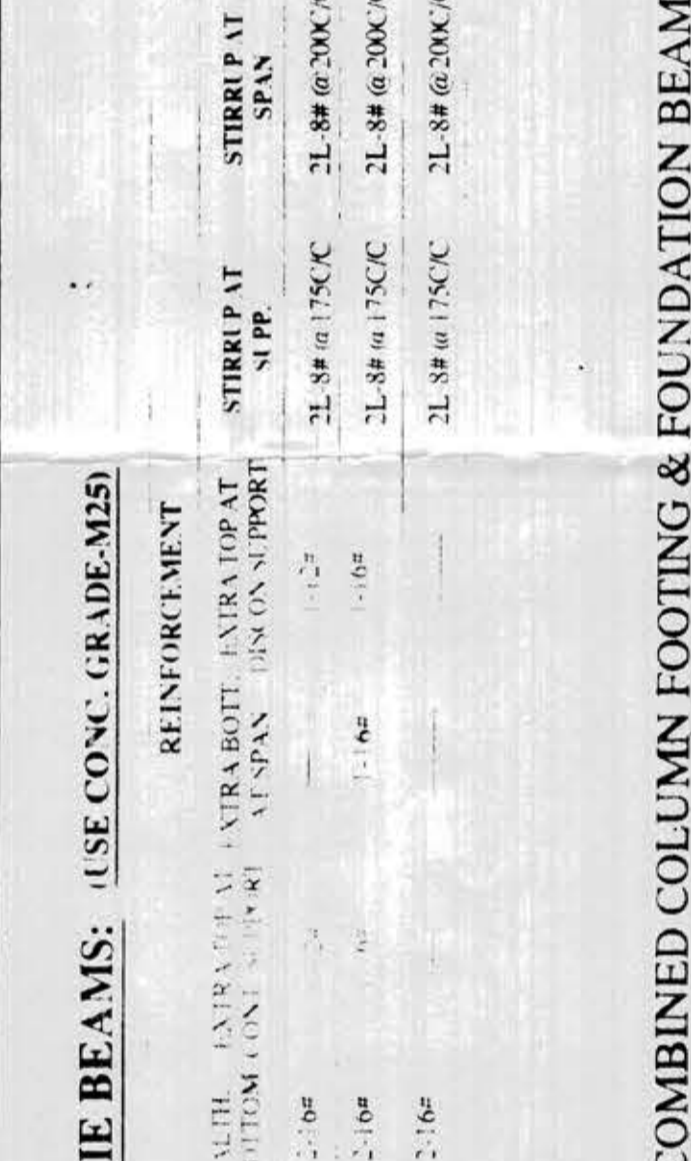
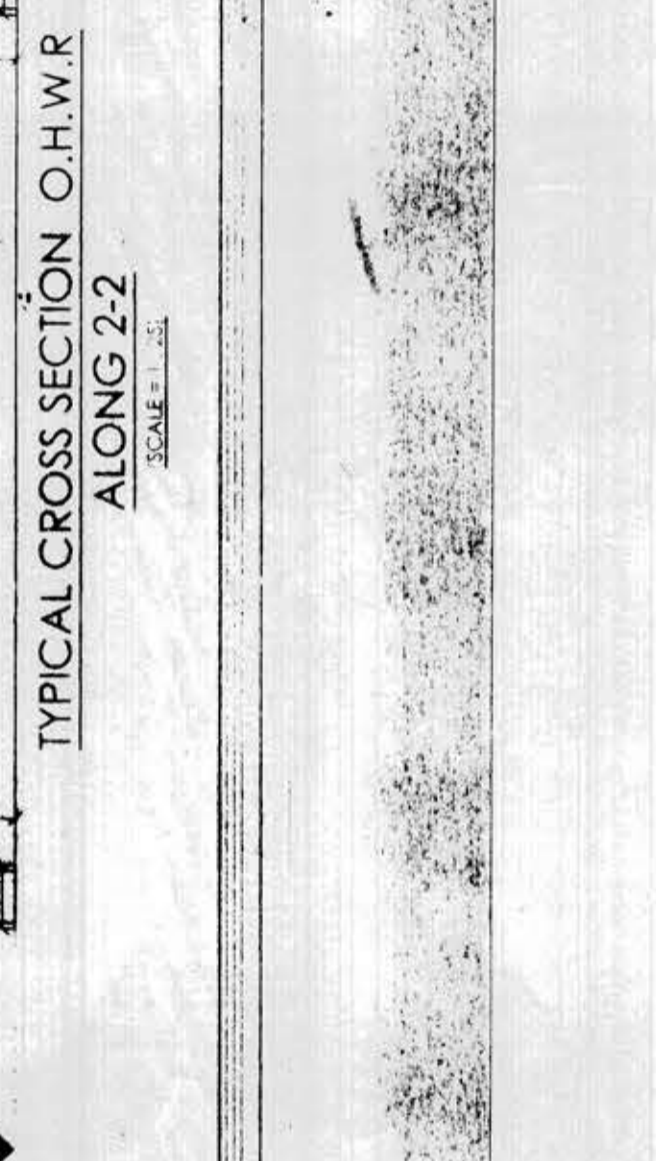
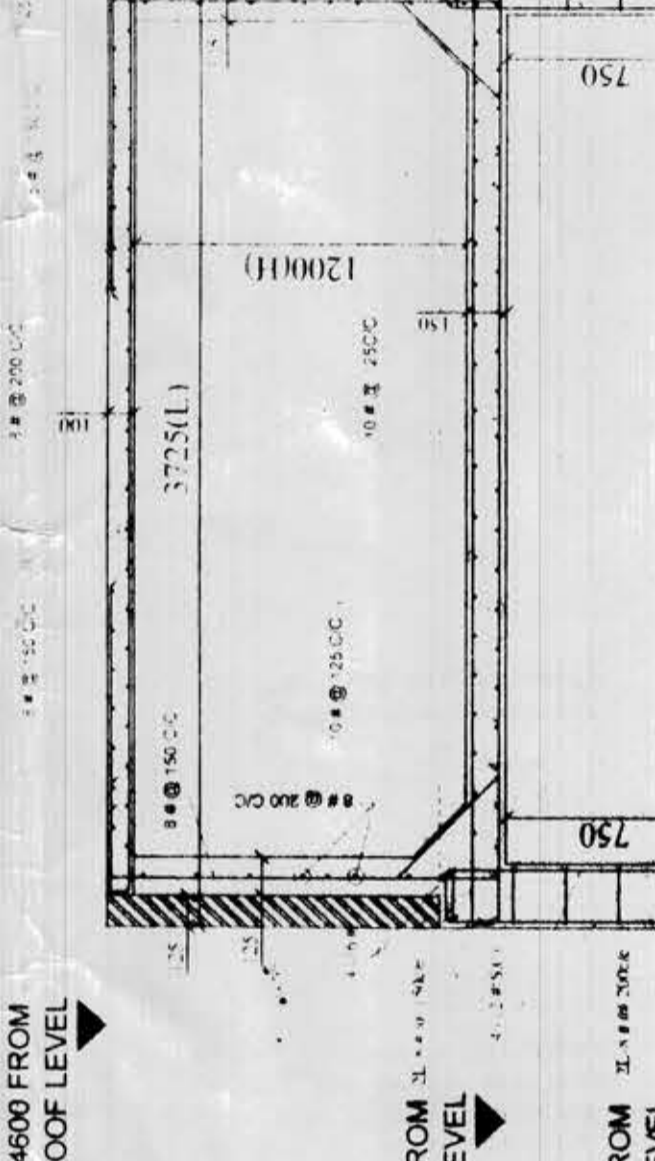
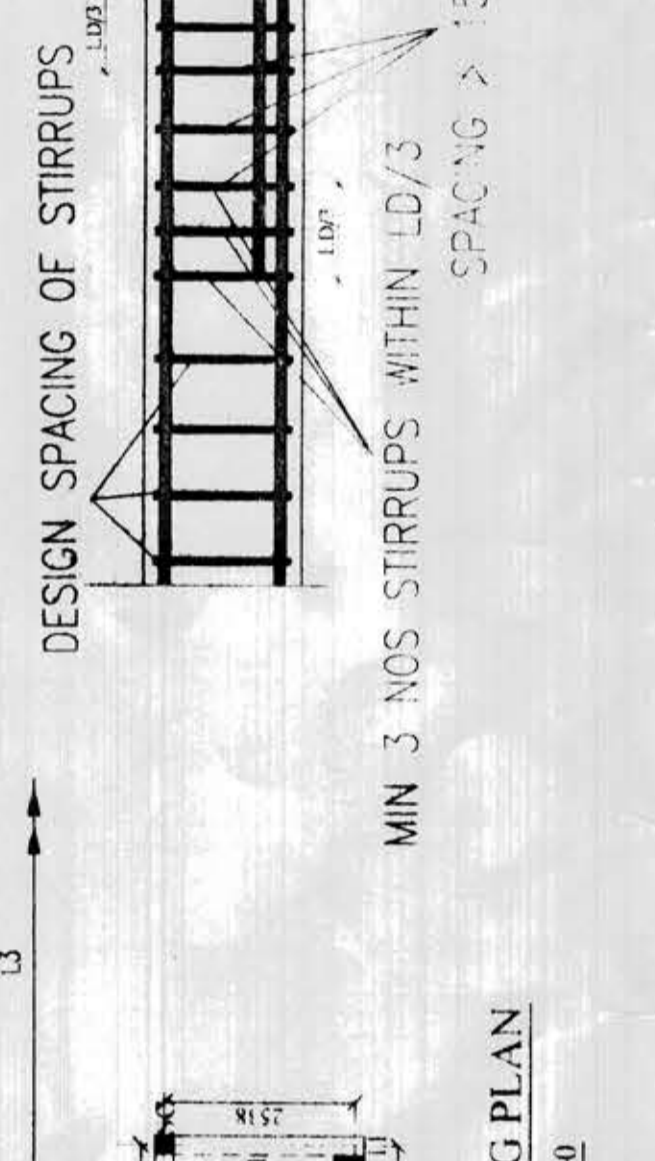
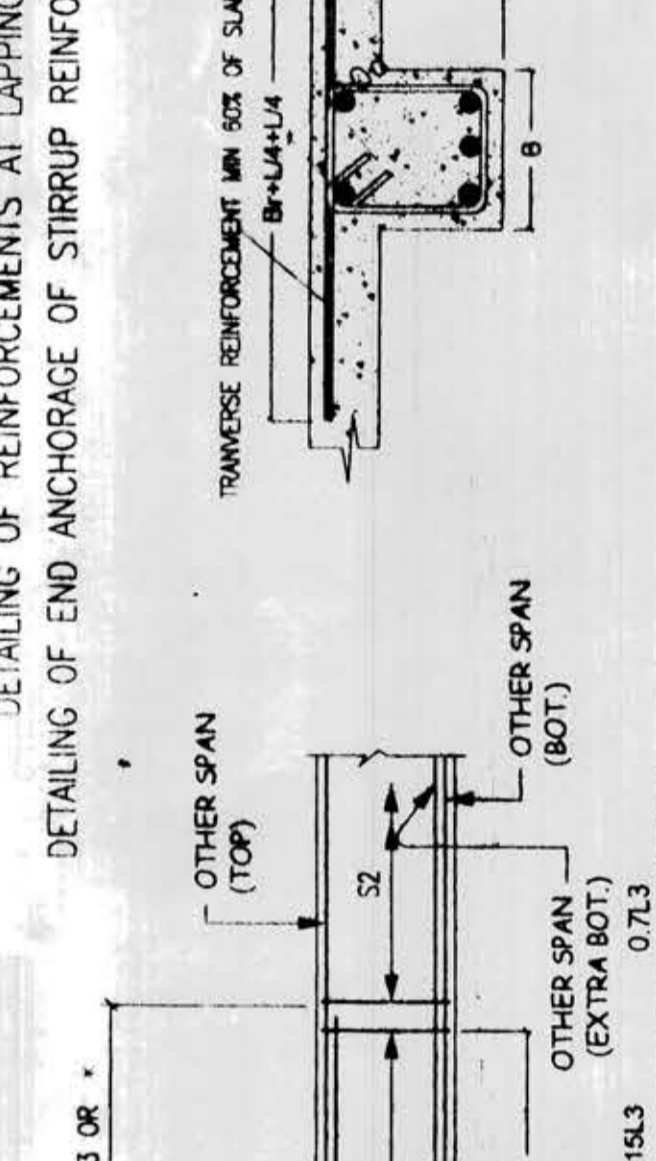
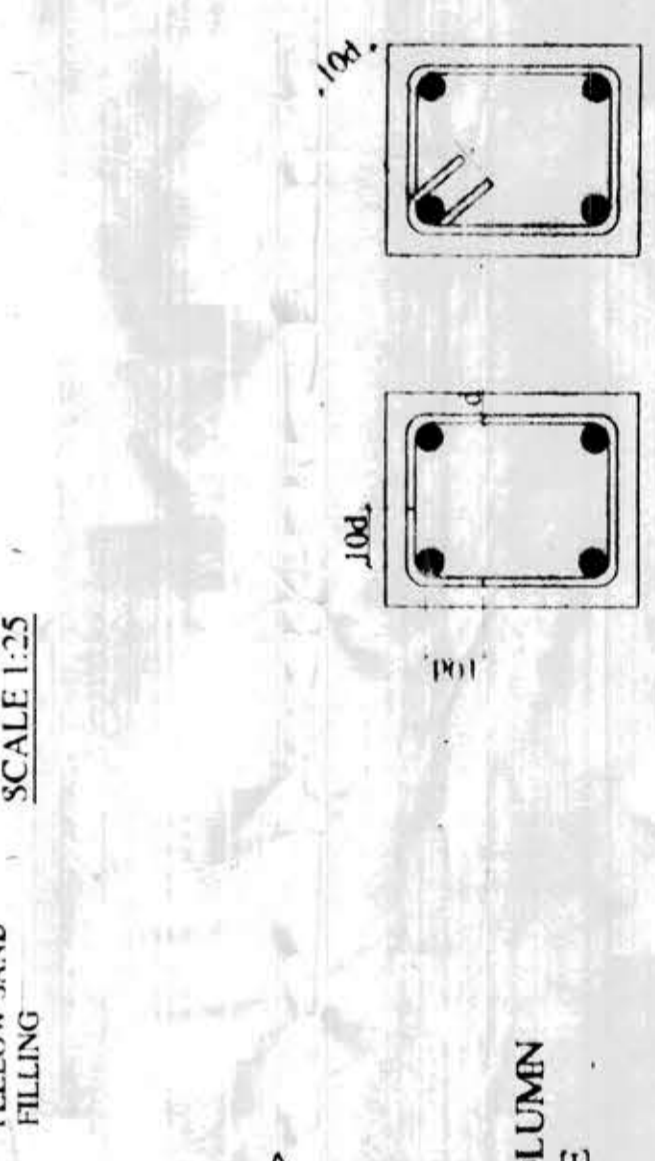
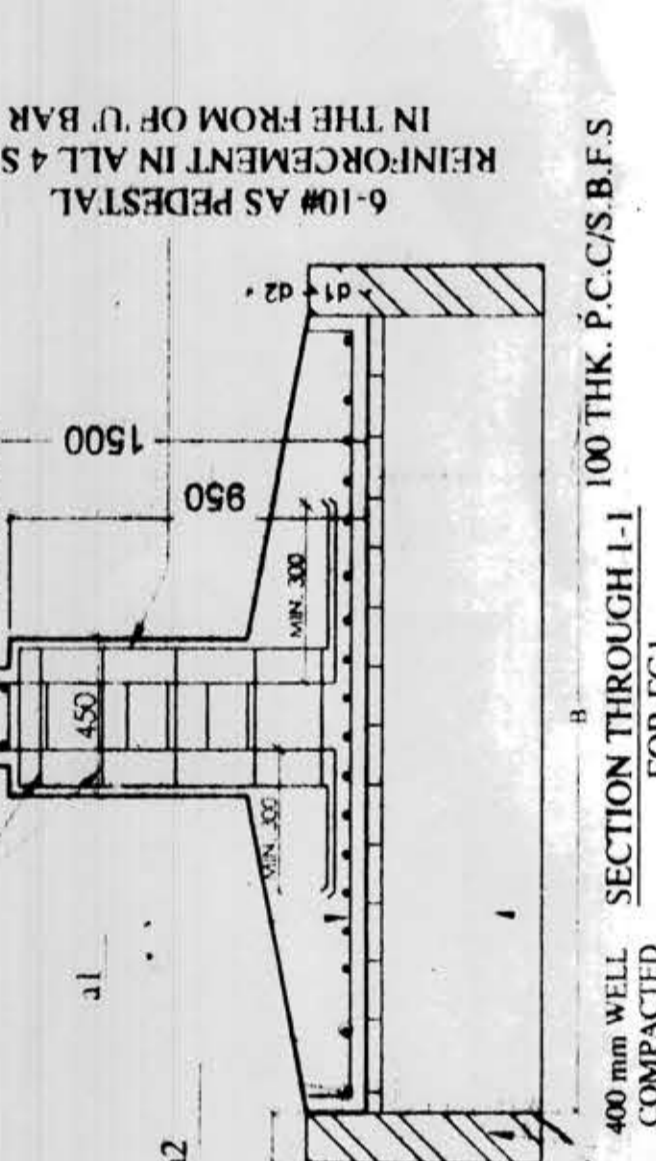
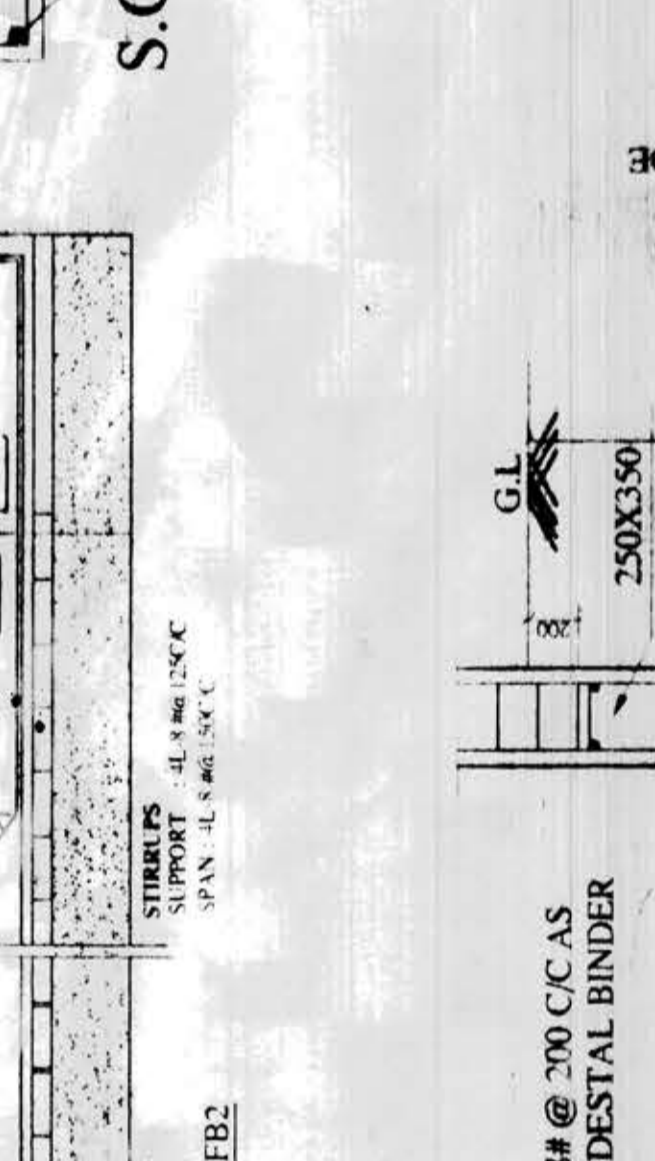
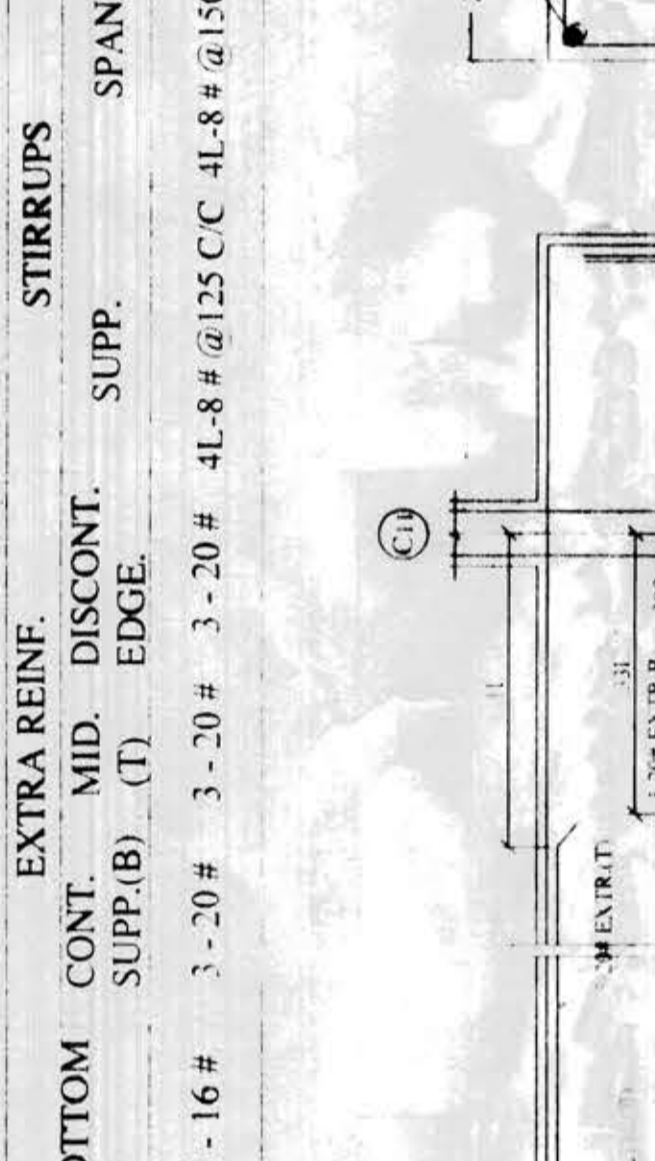
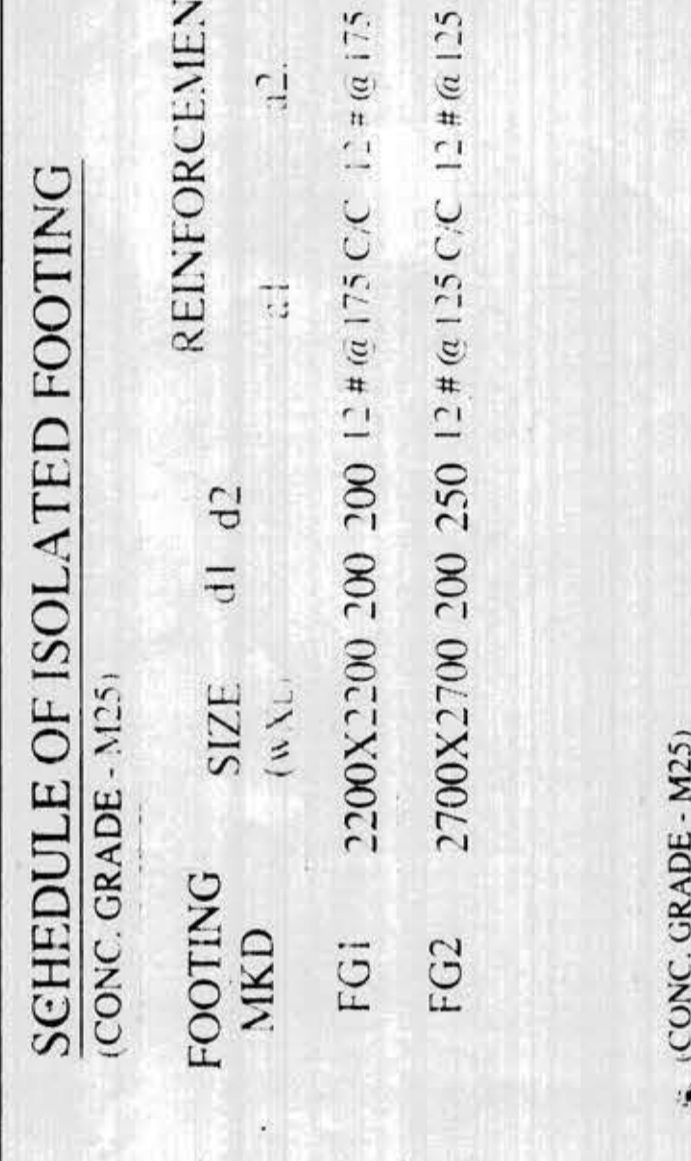
BEAM MKD	SIZE (W x H)	REINFORCEMENT (TOP & BOTTOM)
FB	250X300	200 @ 175 C/C (12 # @ 175 C/C)
TB	250X350	250 @ 175 C/C (12 # @ 175 C/C)
IB	250X450	250 @ 175 C/C (12 # @ 175 C/C)

SCHEDULE OF COMBINED COLUMN FOOTING & FOUNDATION BEAM
 (CONC. GRADE - M25)

FOOTING MKD	SIZE (W x L)	REINFORCEMENT (TOP & BOTTOM)
CF1	7063 X 5450	250 @ 125 C/C (10 # @ 175 C/C)

SCHEDULE OF FLOOR BEAMS
 (CONC. GRADE - M25)

BEAM MKD	SIZE (W x H)	REINFORCEMENT (TOP & BOTTOM)
S1	250X300	200 @ 175 C/C (12 # @ 175 C/C)
S2	250X400	250 @ 175 C/C (12 # @ 175 C/C)
S3	250X400	250 @ 175 C/C (12 # @ 175 C/C)
S4	250X400	250 @ 175 C/C (12 # @ 175 C/C)
S5	250X300	200 @ 175 C/C (12 # @ 175 C/C)



Scale: 1:100
 Date: / /

PROJECT: G-3 STORED RESIDENTIAL BUILDING'S PLAN
 PROPOSED G-3 STORED RESIDENTIAL BUILDING WITH CONSIDERATION OF LOADING ONE MORE STORED IN DAG NO-1187/1414 KHATAJAN MOZA-AGARPARALI NO. 11 R.S. NO. 31 TOUZI NO-155 P.O. AGARPARALI P.S. KHARDA UNDER PANJALATI MUNICIPALITY, A.D.S.R. SODEPUR, NORTH 24 PGS Name of owner:- I.S.M.T. SANDHYA DEBMAITH