

A.GENERAL NOTES:

1. ALL DIMENSION ARE IN MM UNLESS OR OTHERWISE SPECIFIED.
2. ALL EXTERNAL PLASTER ARE IN 18 MM TH AND INTER-NAL PLASTER ARE 12 MM TH
3. ALL EXTERNAL WALL-S ARE 200 MM TH AND INTERNAL WALL-S ARE 100 MM TH OR OTHERWISE MENTIONED.
4. ALL ELECTRICAL AND PLUMBING WORKS ARE CON-SIDERED AS PER I.S. CODE

B.STRUCTURAL NOTE:

1. ALL DIMENSION ARE IN MM UNLESS OR OTHERWISE SPECIFIED.
2. DIMENSION TO READ ONLY, NOT TO BE SCALED.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRGS.
4. FOR LOCATION OF THE BUILDING REFER ARCH. BLOCK LAYOUT PLAN
5. F.G.L SHALL BE FIXED AT SITE AS PER SITE DECISION AND SHALL BE CONSIDERED AS (+)0.00M.
6. BEARING CAPACITY OF SOIL -CONSIDERED AS 8.0 MT/M2
7. GRADE OF
a) CONCRETE =M-25, DESIGN MIX (U.O.M)
b) STEEL= F6500.
c) CEMENT= EQUIVALENT TO 53.
8. CLEAR COVER TO REINF
a) FOUNDATION AND FOUNDATION BEAM=50MM
b) COLUMN= 40 MM
c) TIE BEAM=30 MM
d) SLAB=25 MM
e) SLAB TOP AND BOTTOM=20MM AND END=25MM
f) FLOOR BEAM=25 MM
9. ANTI TERMITE TREATMENT SHALL BE DONE AS PER RELEVANT I.S. CODES.
10. 50 TH D.P.C (1:1:2) WITH WATER PROOFING ADMIXTURE SHALL BE PROVIDE AT PLINTH LEVEL.
11. OVER ALL BRICK WORK BELOW PLINTH LEVEL.
12. SLAB REINFORCEMENT WHEREVER REQUIRED.
13. SPACE BAR OF SUITABLE DIA SHALL BE PROVIDED BETWEEN TWO LAYERS OF BEAM REINFORCEMENT WHEREVER REQUIRED.
14. ALL CONCRETE SHALL BE MIXED BY MIXER M/C AND SHALL BE COMPACTED BY MECHANICAL VIBRATOR.
15. ANY DISCREPANCY OF THE CONSULTANT PRIOR TO EXECUTION
16. FOR ANY OTHER GUIDELINE NOT STATED IN THIS DRAWING RELEVANT I.S. CODED ARE NOT TO BE FOLLOWED.

C.AREA CALCULATION:

1. PLOT AREA -PV15=550.94 SQM
2. PROP. GROUND COVERAGE=115.91 SQM
3. PROP. COVERAGE AREA=224.31 SQM
4. BREAK UP COVERAGE AREA =106.30 SQM
5. FIRST FLOOR AREA =93.18 SQM.
6. OPEN TERRACE AREA(60%)=10.48 SQM.
7. TOTAL AREA=208.43 SQM
8. HEIGHT OF BUILDING 6.5 METER.
9. CAR PARKING PROVIDED -1 NO.

D. SIGNATURE OF OWNER:

Merin Projects Limited
Authorized Signatory

E. SIGNATURE OF OWNER:

RUMPA GHOSH
Diploma in Civil Engineering
Licence No. 559/2014-2015
Baptist, Shalimar, Hooghly

F. PROJECT:

PROPOSED TYPICAL G+1 BUNGALOW FOR RESIDENTIAL COMPLEX AT PLOT NO PV-15, DAG NO-774/1421 AND 789, MOUZA - KRIPARAMPUR, P.S -BISHNUPUR, DIST- SOUTH 24 P.G.S, WEST BENGAL.

G. SANCTION DRAWING:

SITE PLAN, KEY PLAN, FLOOR'S PLAN, ROOF PLAN, ELEVATION, SECTION, DETAILS OF SEPTIC TANK AND STRUCTURAL DETAILS OF PV 3BR OPTION-01, PLOT NO PV-15.

Approved
Souvik Ghosh
Professional Engineer
Civil Engineering
Baptist, Shalimar, Hooghly

DWG NO:01

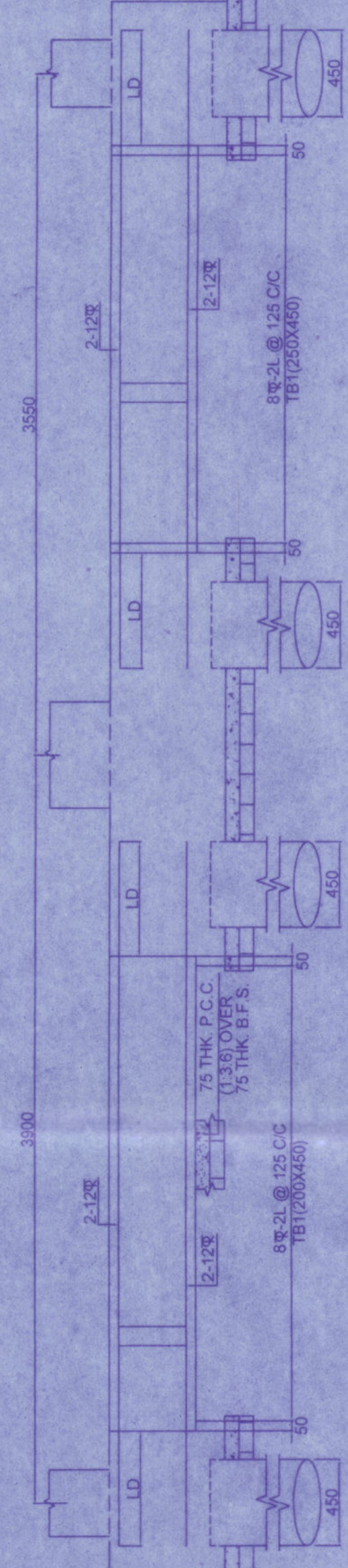
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DATE

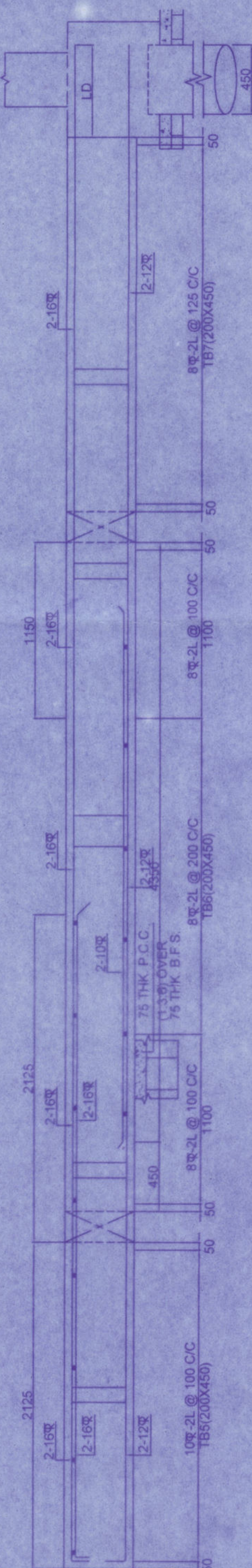
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REV

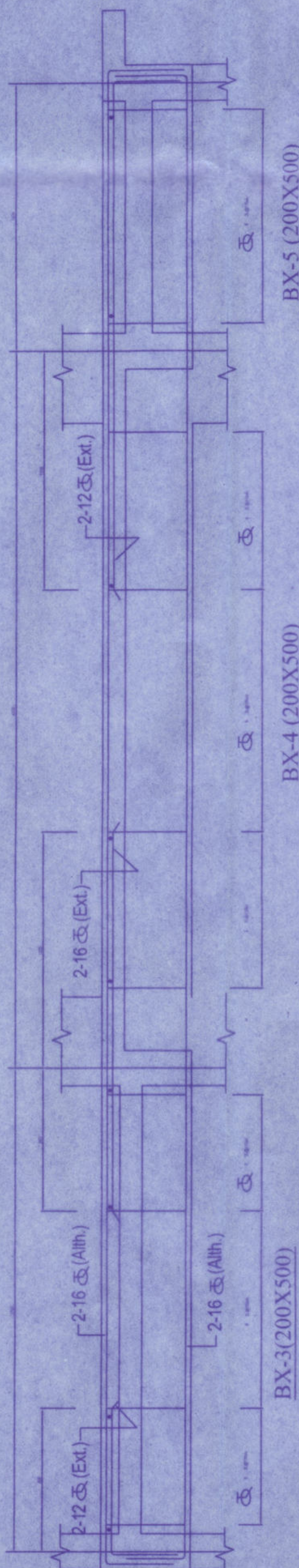
SCHEDULE OF SLAB :-
THICKNESS OF SLAB - 125MM
PROVIDE 8% TOP AND 2% BOTTOM
AND PROVIDE 10% TOP AND 2% BOTTOM



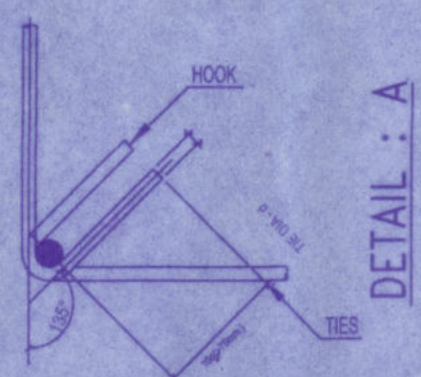
DETAIL - A



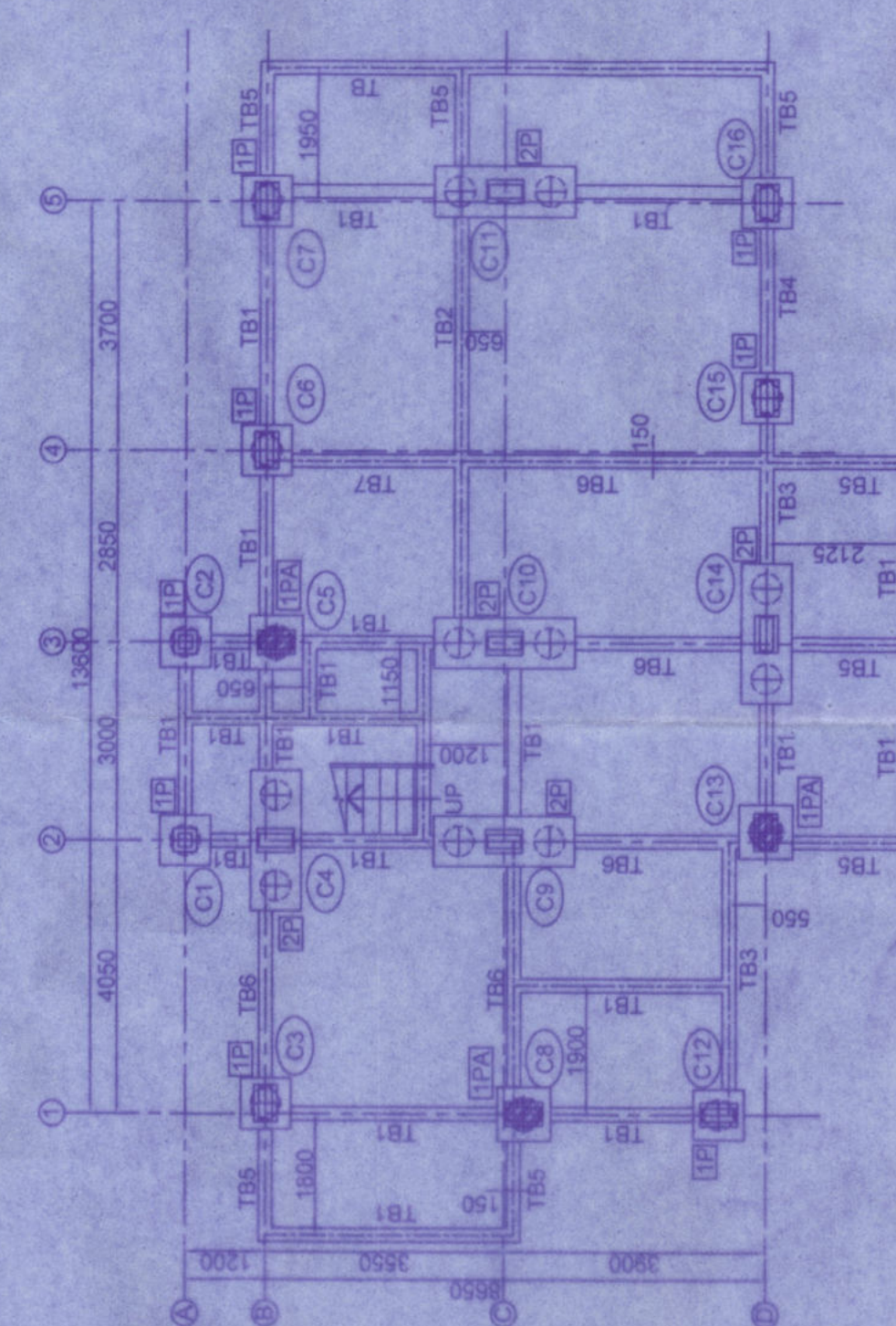
TYPICAL R.C.C. DETAIL OF THE BEAM MKD. TB5, TB6 & TB7 ALONG COLUMN MKD. C6, ACROSS BEAM MKD. TB3 & TB2. SCALE: 1:25



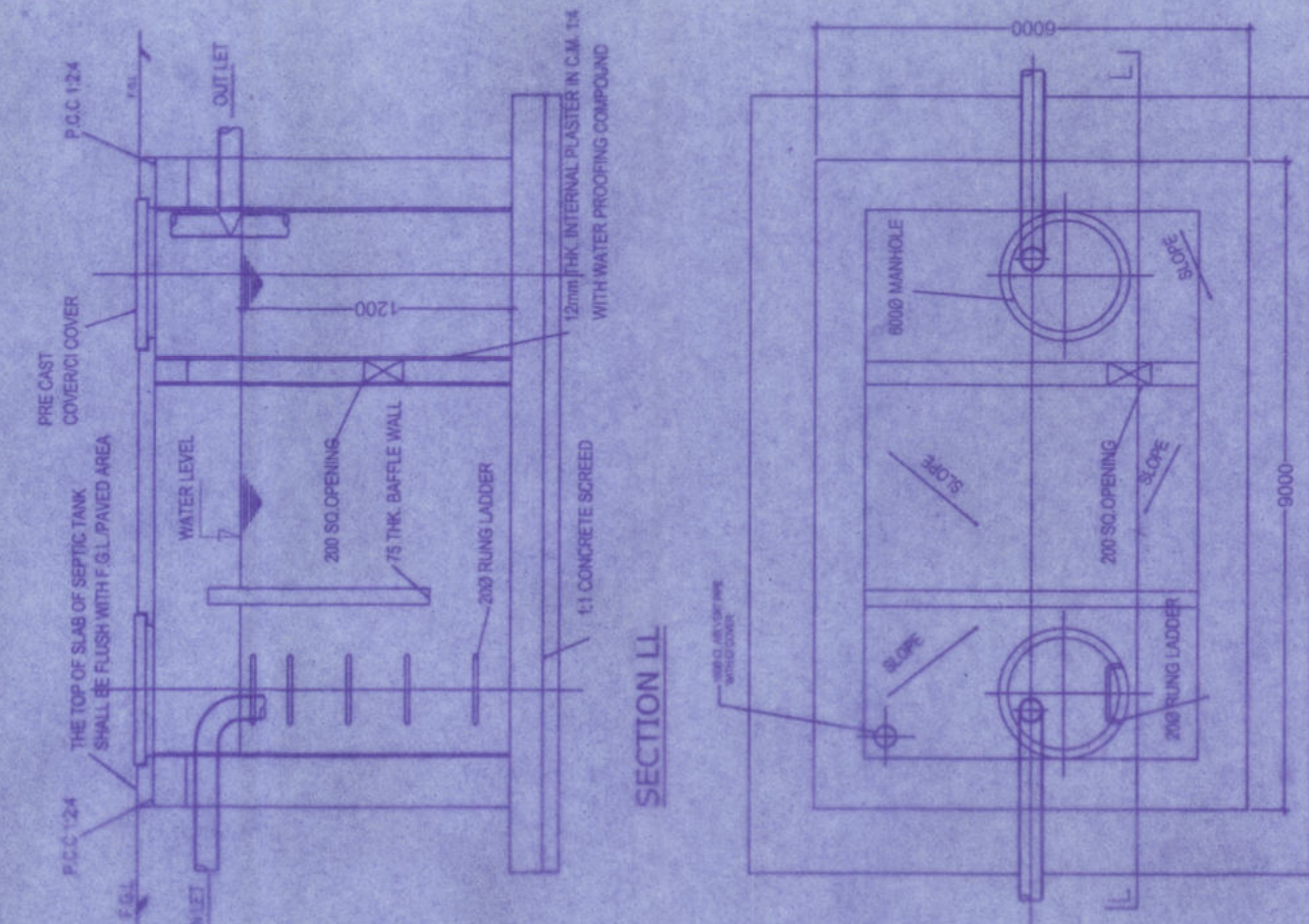
TYPICAL R.C.C. DETAIL OF FLOOR BEAM AT FIRST FLOOR LEVEL AND ROOF LEVEL. SCALE: 1:25



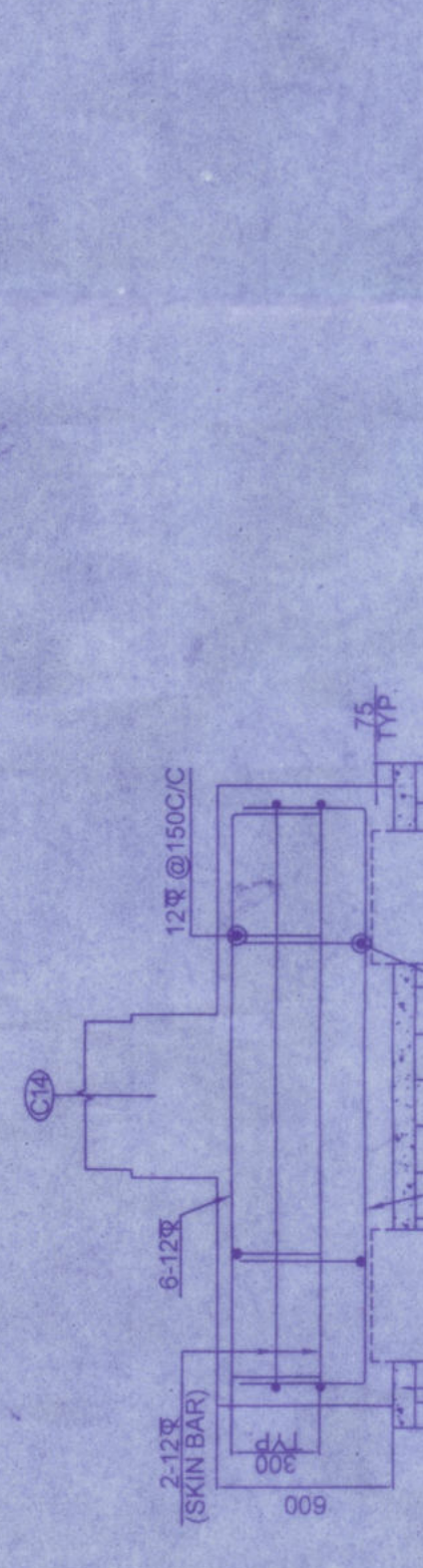
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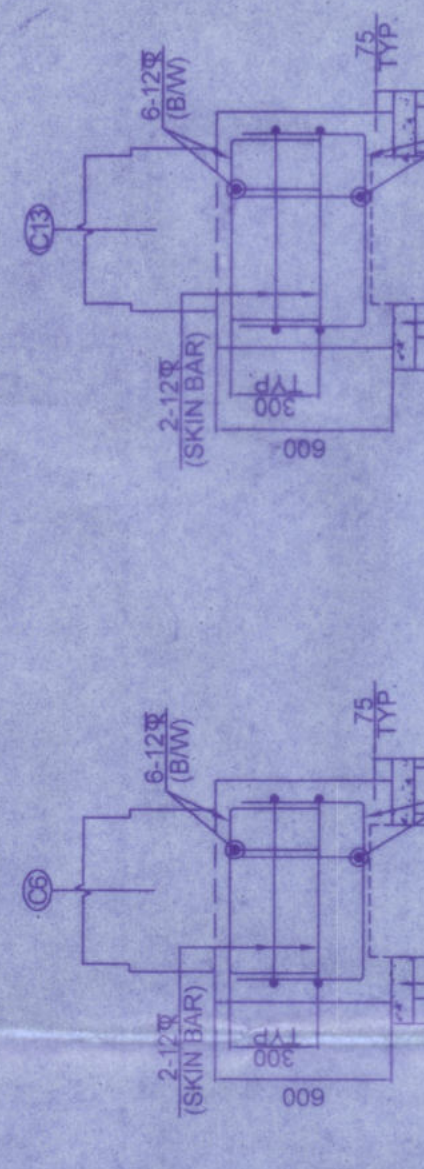
PILE LAYOUT PLAN & TIE BEAM LAYOUT PLAN. SCALE: 1:100



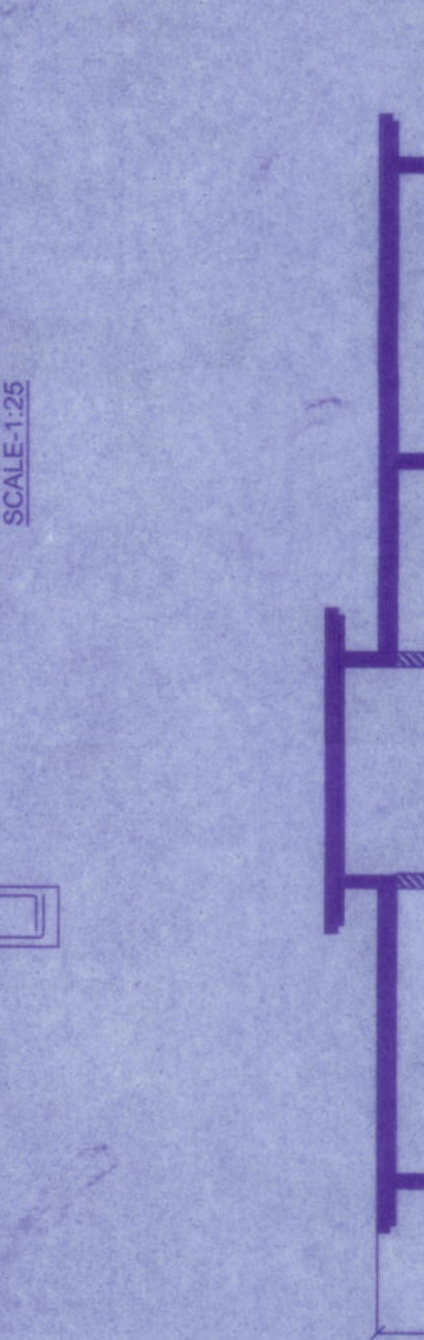
DETAIL OF SEPTIC TANK. SCALE: 1:200 (N/A)



TYPICAL R.C.C. DETAIL OF FLOOR BEAM AT FIRST FLOOR LEVEL AND ROOF LEVEL. SCALE: 1:25



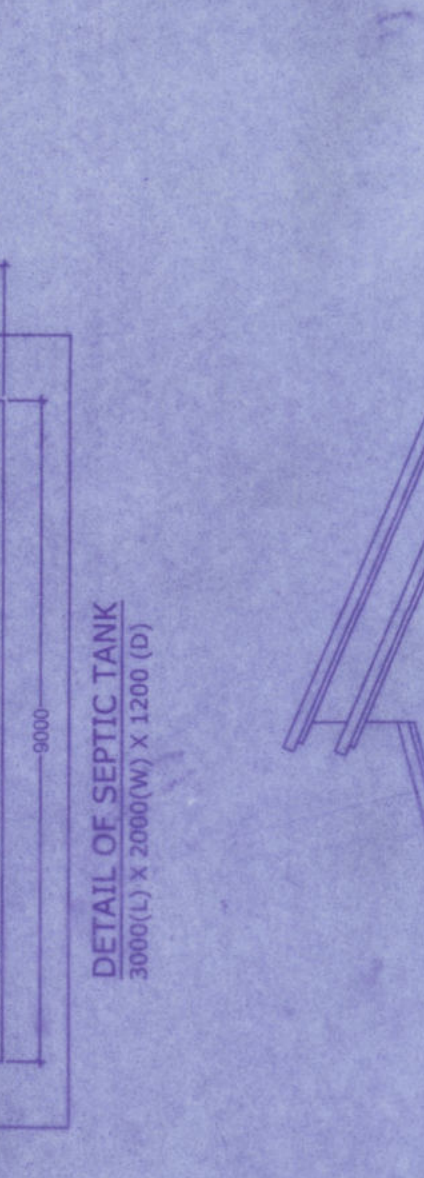
SECTION ON - A-A



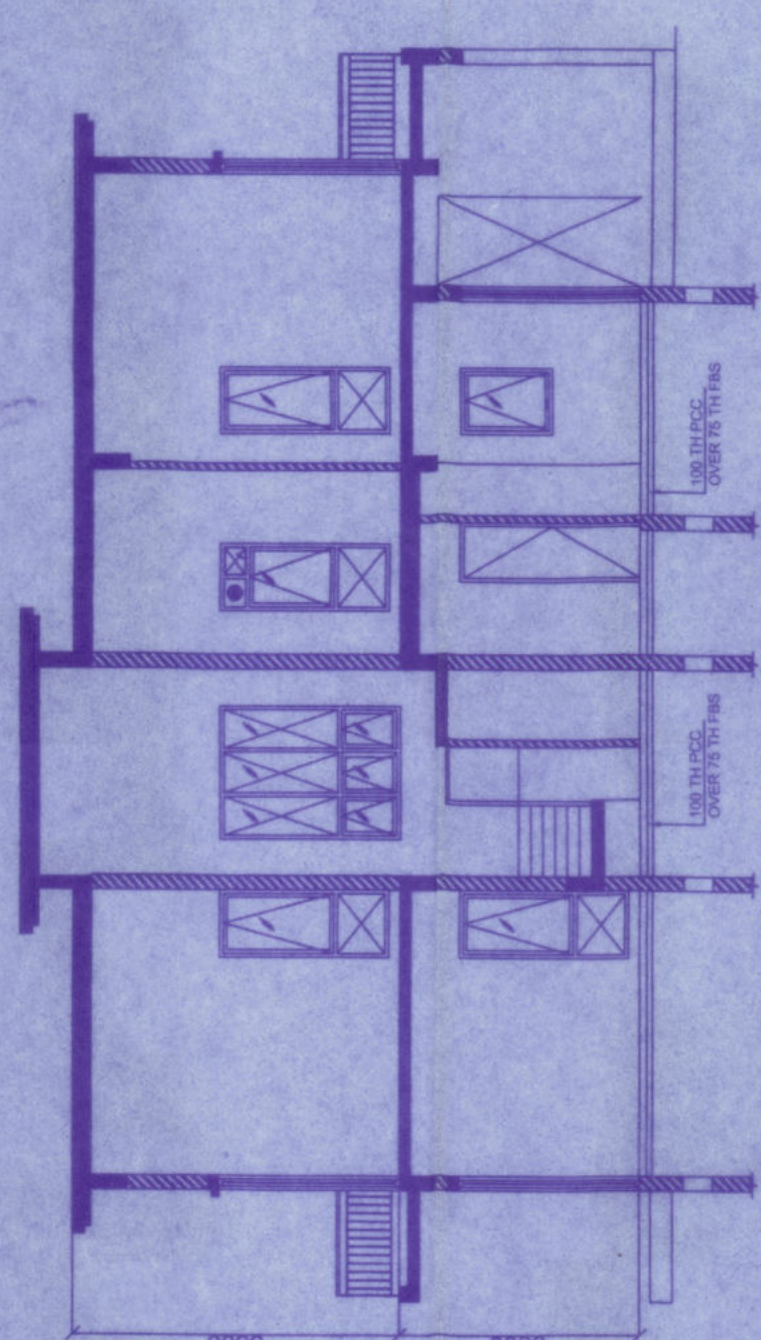
SECTION ON - B-B



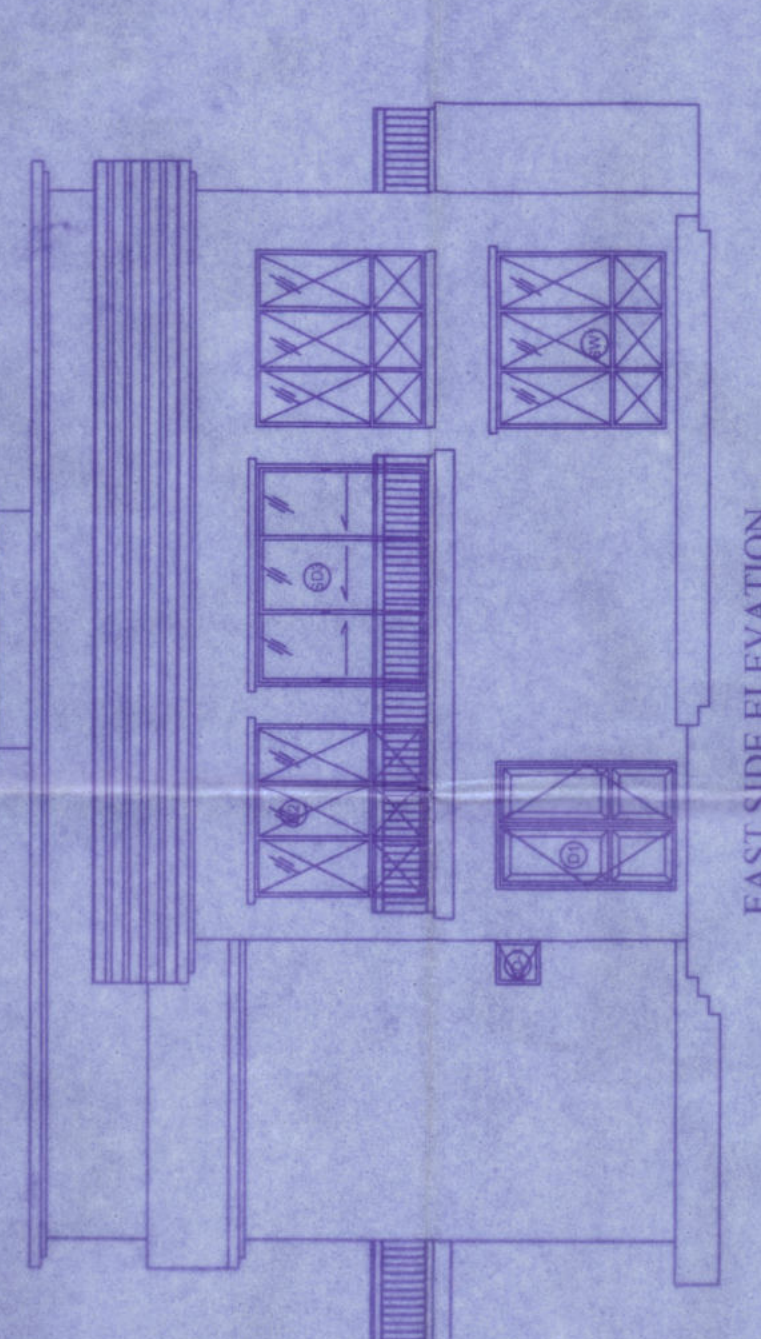
SECTION ON - C-C



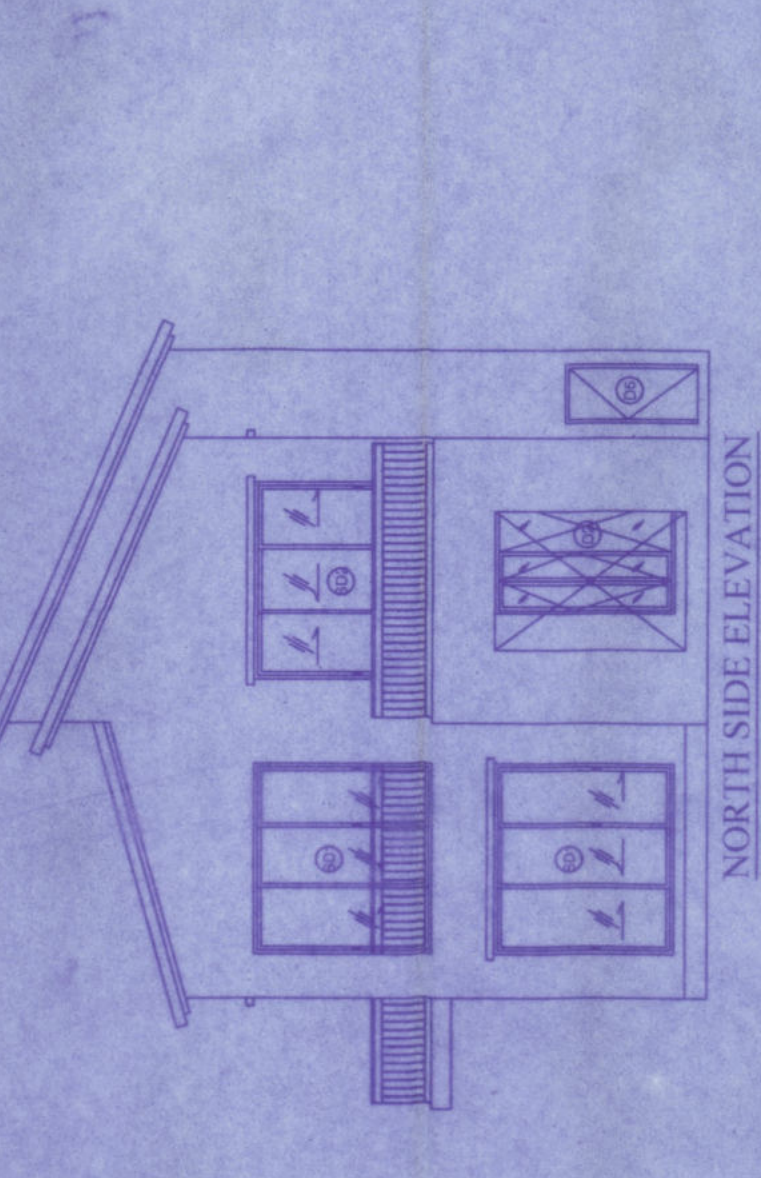
SECTION ON - D-D



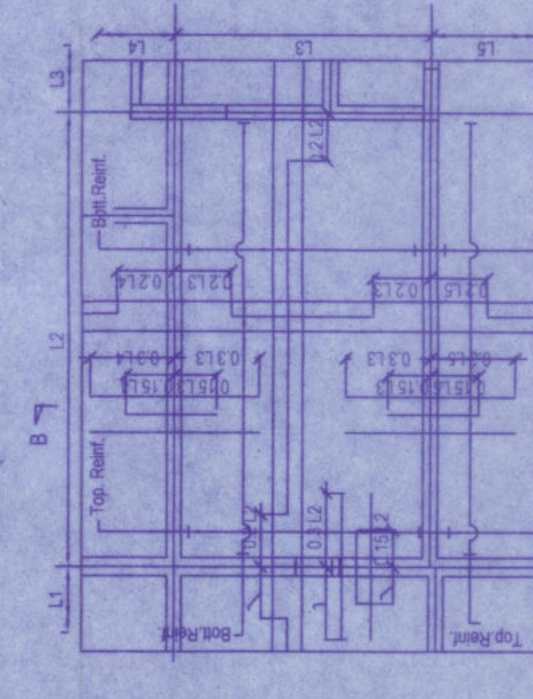
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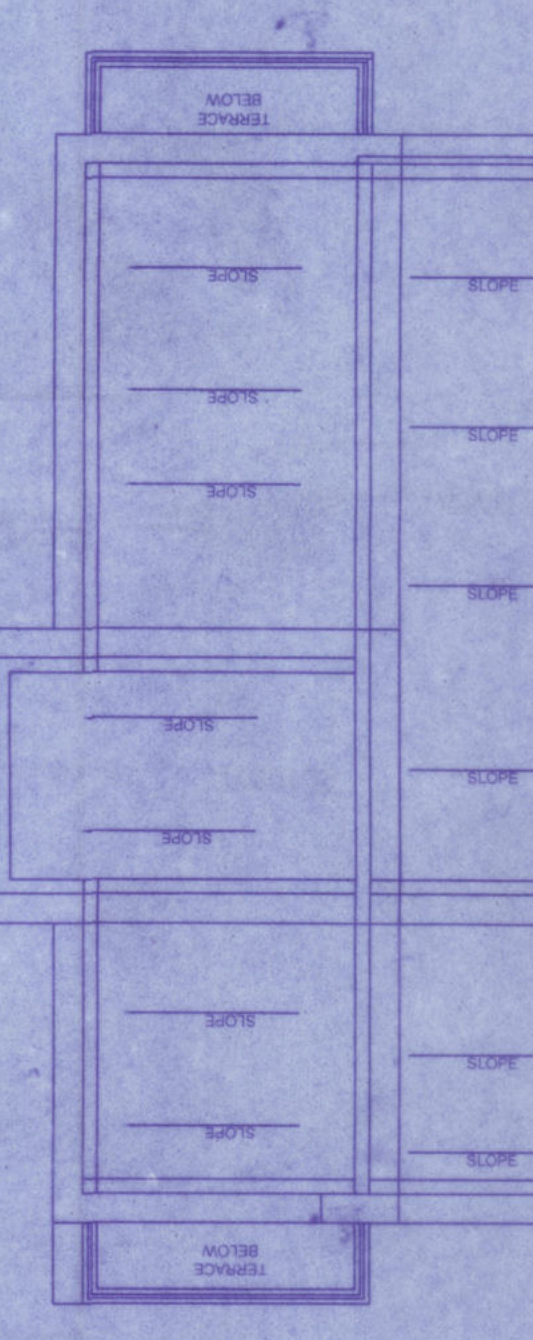
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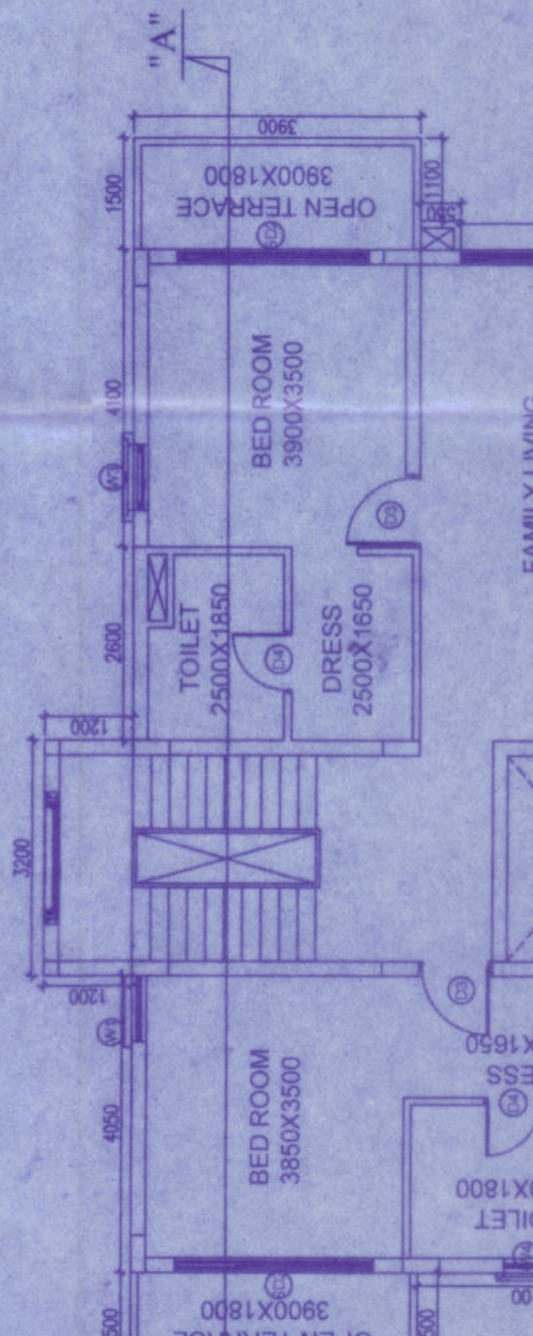
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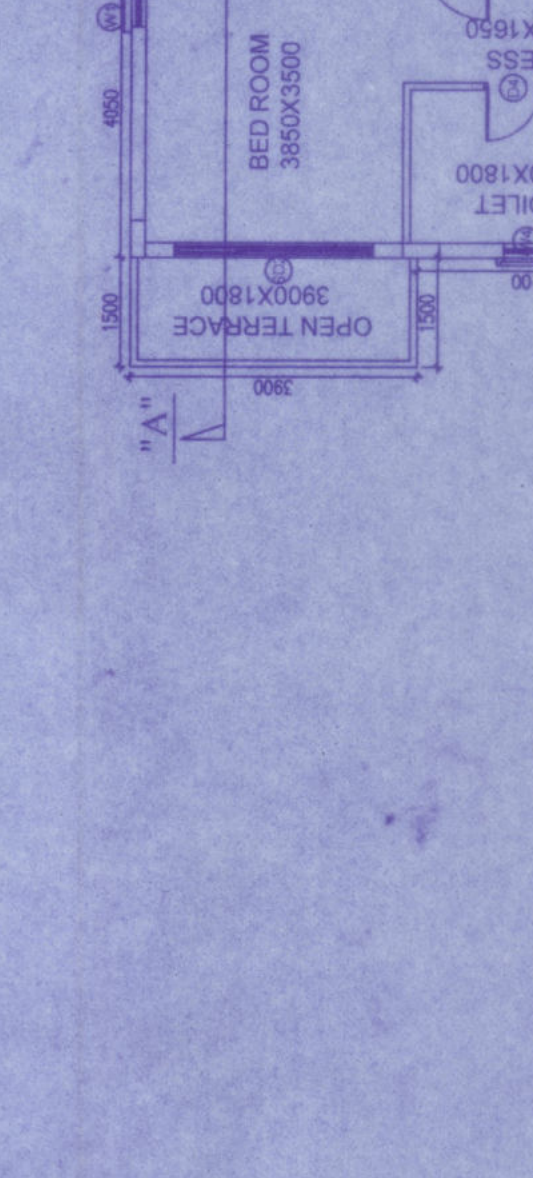
TYPICAL DETAIL OF SLAB REINFORCEMENT. SCALE: 1:25



TYPICAL DETAIL OF SLAB REINFORCEMENT. SCALE: 1:25



TYPICAL DETAIL OF SLAB REINFORCEMENT. SCALE: 1:25



TYPICAL DETAIL OF SLAB REINFORCEMENT. SCALE: 1:25

THE BEAM SCHEDULE													
BEAM NUMBER	SIZE	TOP REINFORCEMENT			TOP REINFORCEMENT			SHEAR STIRRUPS					
		LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT	LEFT	MID SPAN	RIGHT			
TB1	200 X 450	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12			
TB2	200 X 450	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12			
TB3	200 X 450	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12			
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TB6	200 X 450	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12			
TB7	200 X 450	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12	2-12			
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