

PROJECT NAME:-

STRUCTURAL DRAWING OF PROPOSED (G+5) SIX STORED RESIDENTIAL APARTMENT BUILDING OF 1) JHANTU DAS, 2) SONTU DAS, 3) SIMA DAS, KHATAH NO:- 2507, 2508, 2509, R.S PLOT NO:- 221, 222, L.R PLOT NO:- 220, 222, MOUZA:- FARIDPUR, LL NO:- 74, P. ST:- FARIDPUR, HOLDING NO:- 169, WARD NO:- 21, ID NO:- 5272, ADDRESS:- 12/28 ANANDAPURI CO-OPERATIVE, 54 FEET BENACHITY DURGAPUR-13

NOTES :-

- All dimensions are in mm otherwise stated.
- Safe bearing capacity of soil taken-10.6T/SQ.M
- Grade of concrete M25
- Grade of steel Fe 500.
- Depth of foundation adopted 2.00 m.
- The top layer of reinforcement shall be placed over bot layer of reinforcement with chair of 10#bar @ 900 c/c.
- At a time of construction ductile detailing must be followed as per IS:13920.
- 8#BINDER @ 200 C/C binder for top & bot bar as required.

SIGNATURE OF DEVELOPER/OWNER:-

Sima Das
Jhantu Das
Sontu Das

SIGNATURE OF STRUCTURAL ENGINEER:-

The Structural Design and Drawing of both Foundation and Super Structure of the Building has been Made by Me. Considering all Possible Loads including the Seismic Load as per The National Building Code of India and Certified that it is Safe and Stable in all Respect.

Hirshank
Hirshank Ghosh
Civil Engineering
Lic. No. 15192/2010
G.D.S., Durgapur-13

SIGNATURE OF GEOTECHNICAL ENGINEER:-

THIS IS TO CERTIFY THAT THE SOIL TEST HAS BEEN PERFORMED BY ME FOR THIS PROJECT.

Mukherjee
Mukherjee
Civil Engineering
Lic. No. 15192/2010
G.D.S., Durgapur-13

VETTED BY:-

Dr. S.N. Mukherjee
Dr. S.N. Mukherjee
Professor
Civil Engineering Department
Jadavpur University

TITLE:-

TIE AND FLOOR BEAM LAYOUT PLAN, SLAB & STAIRCASE SECTIONAL DETAILS, LINTEL & CHAJJA DETAILS, DETAILS OF CROSS BEAM JUNCTION, DETAILS FOR BEAMS & SCHEDULE OF BEAM.

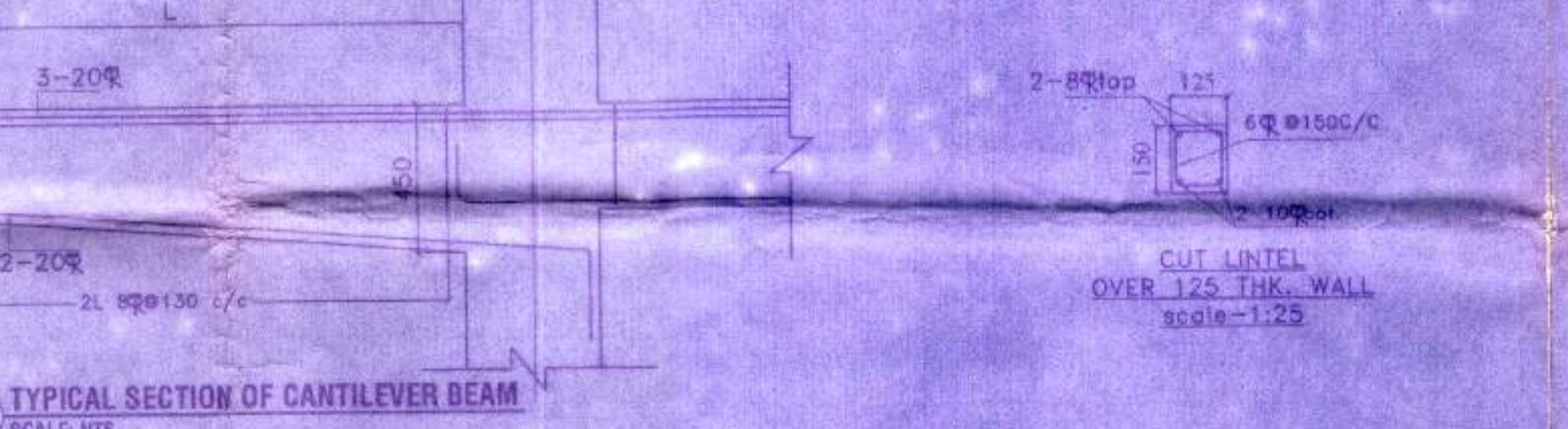
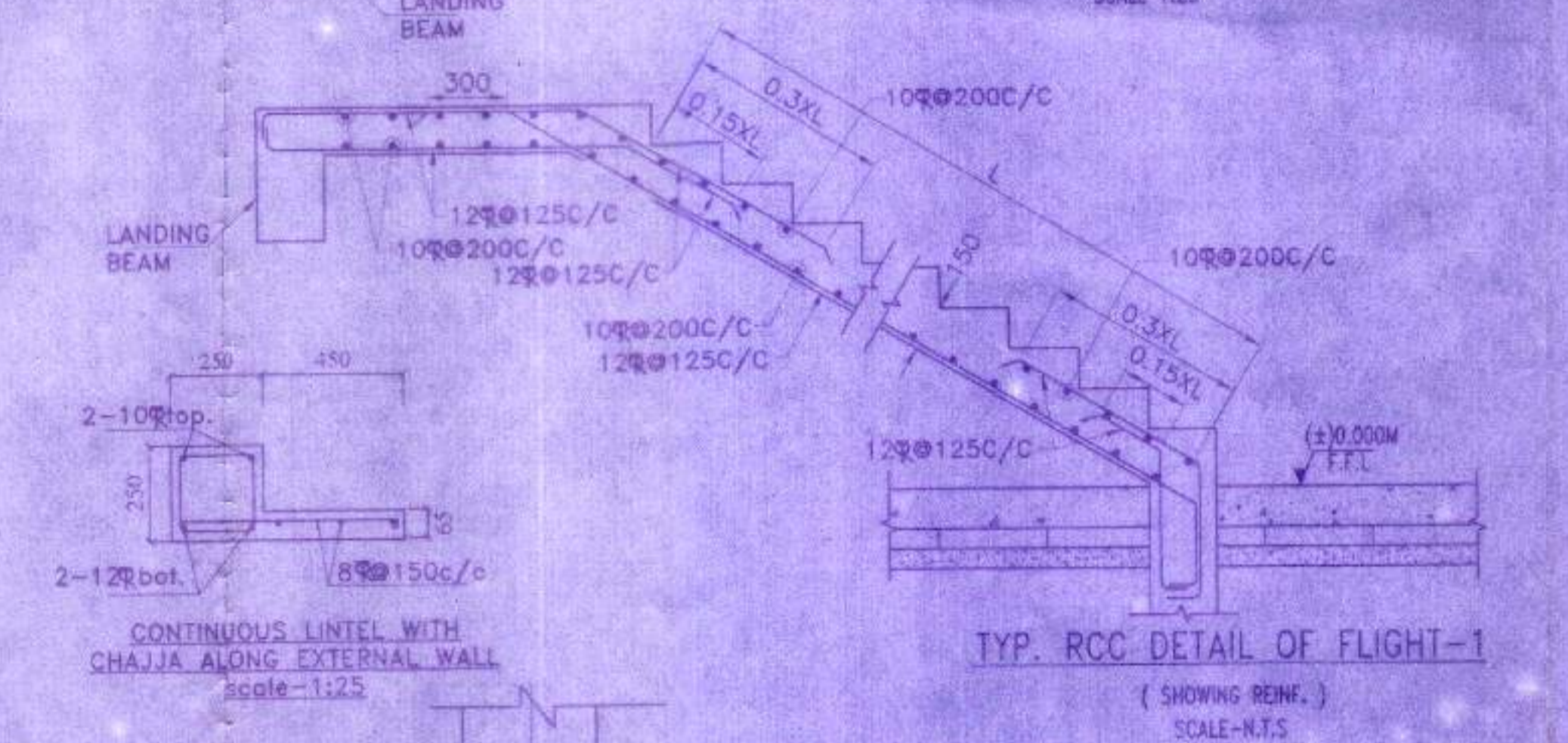
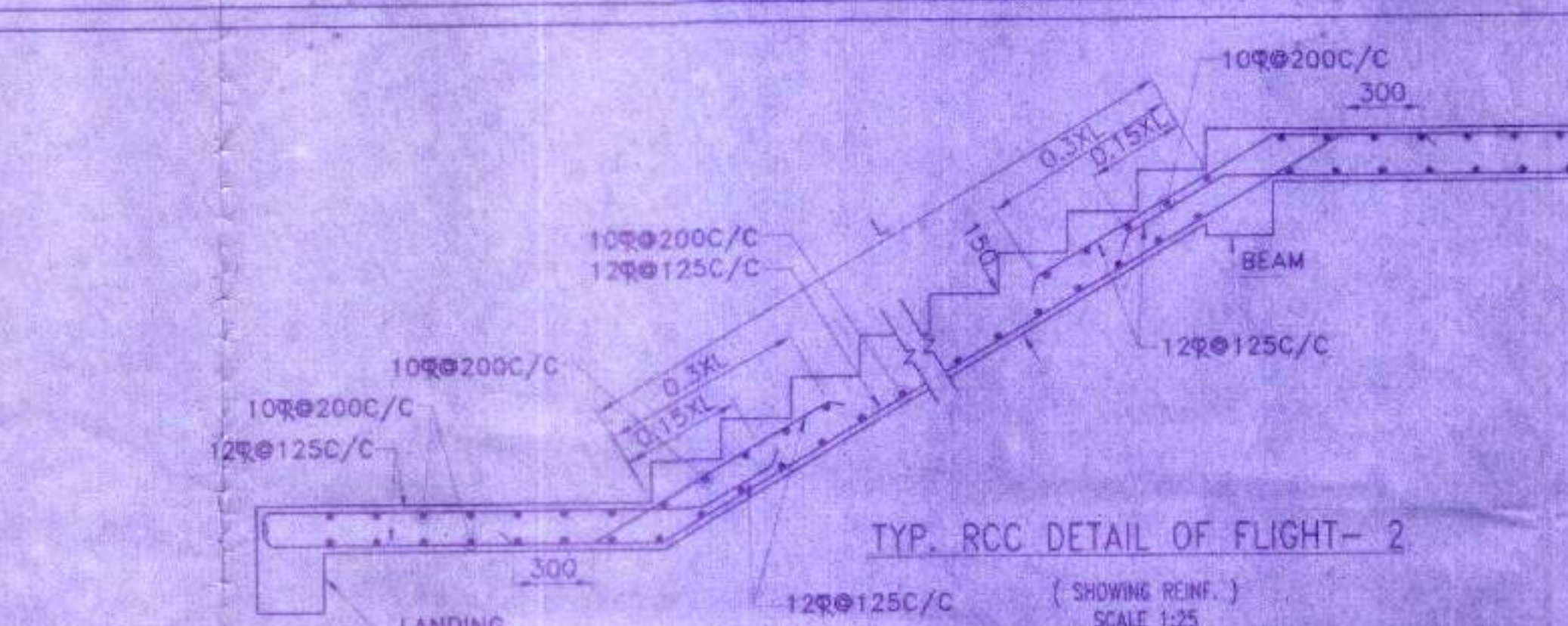
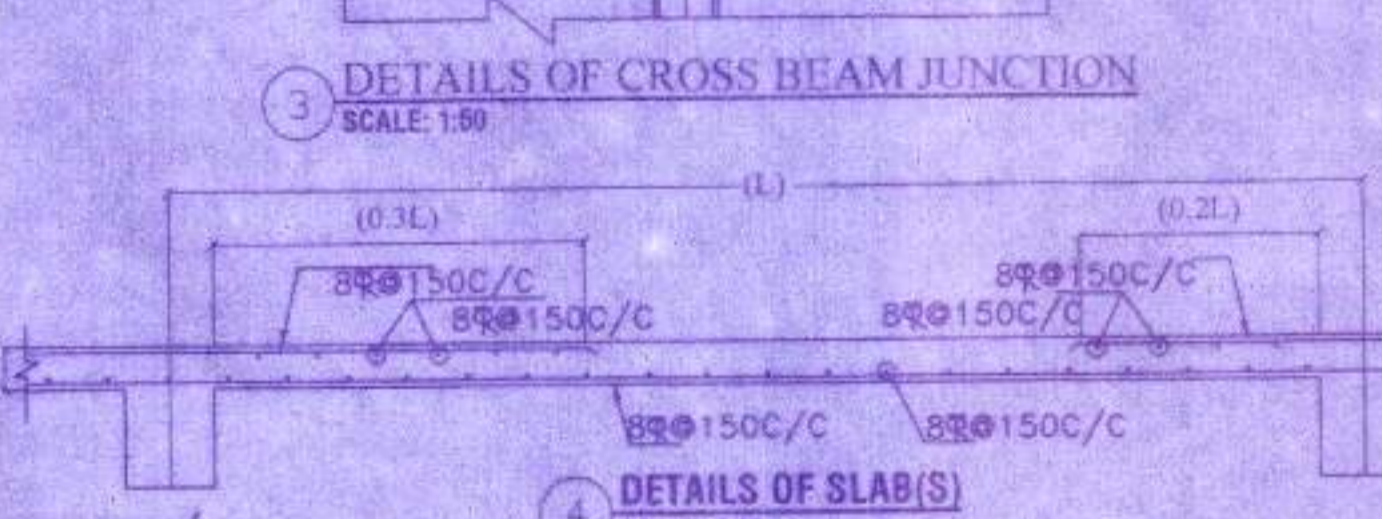
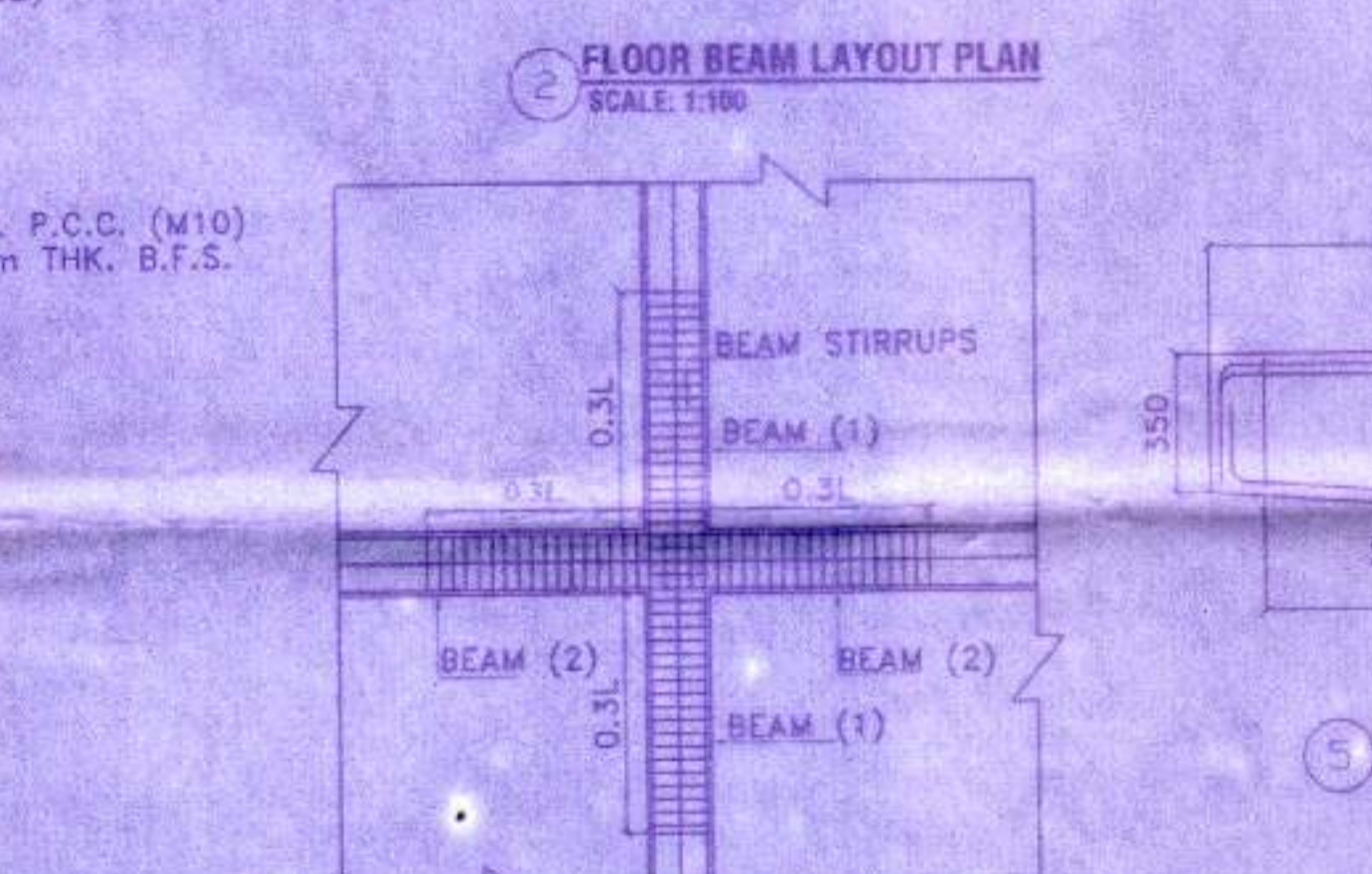
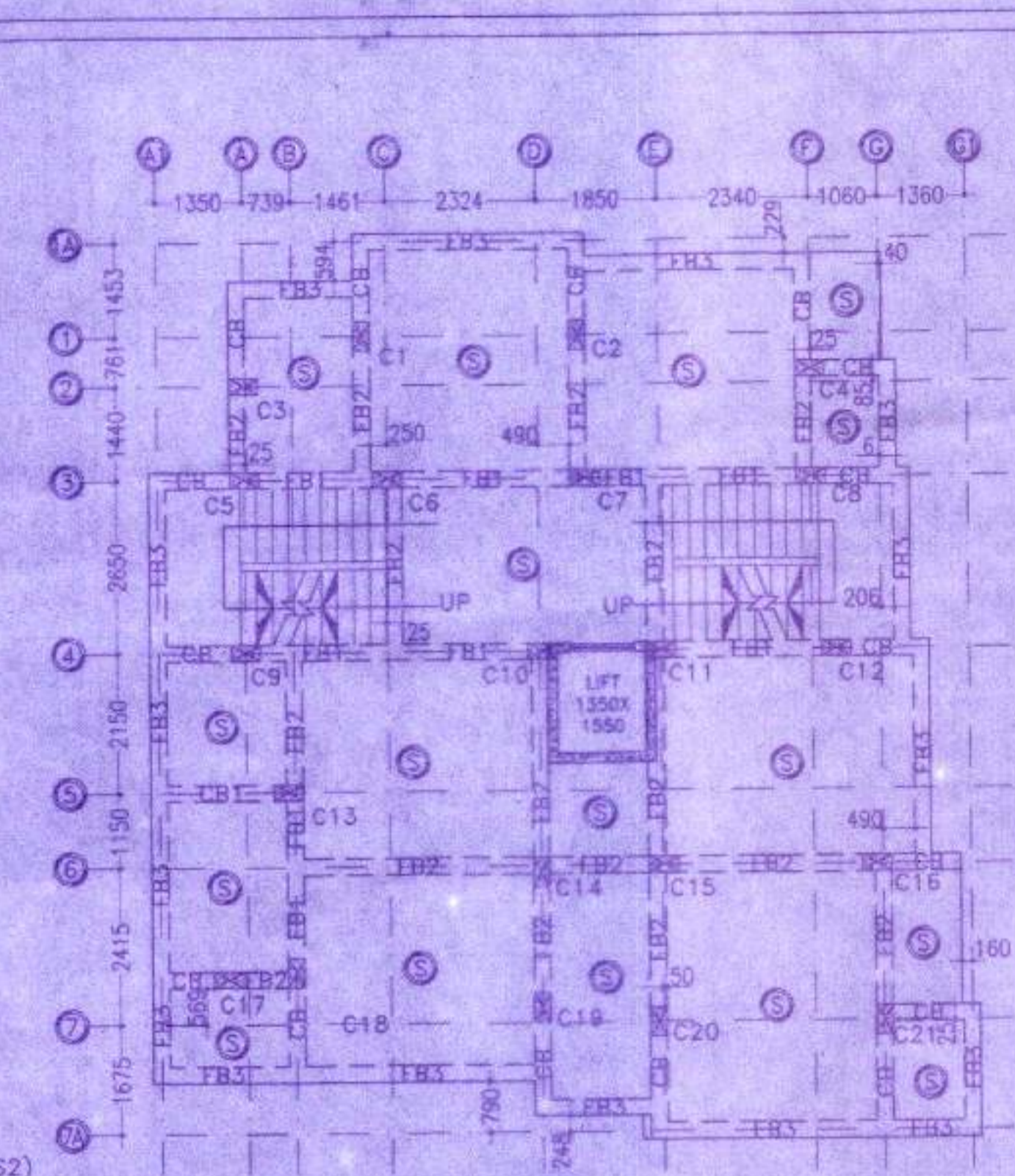
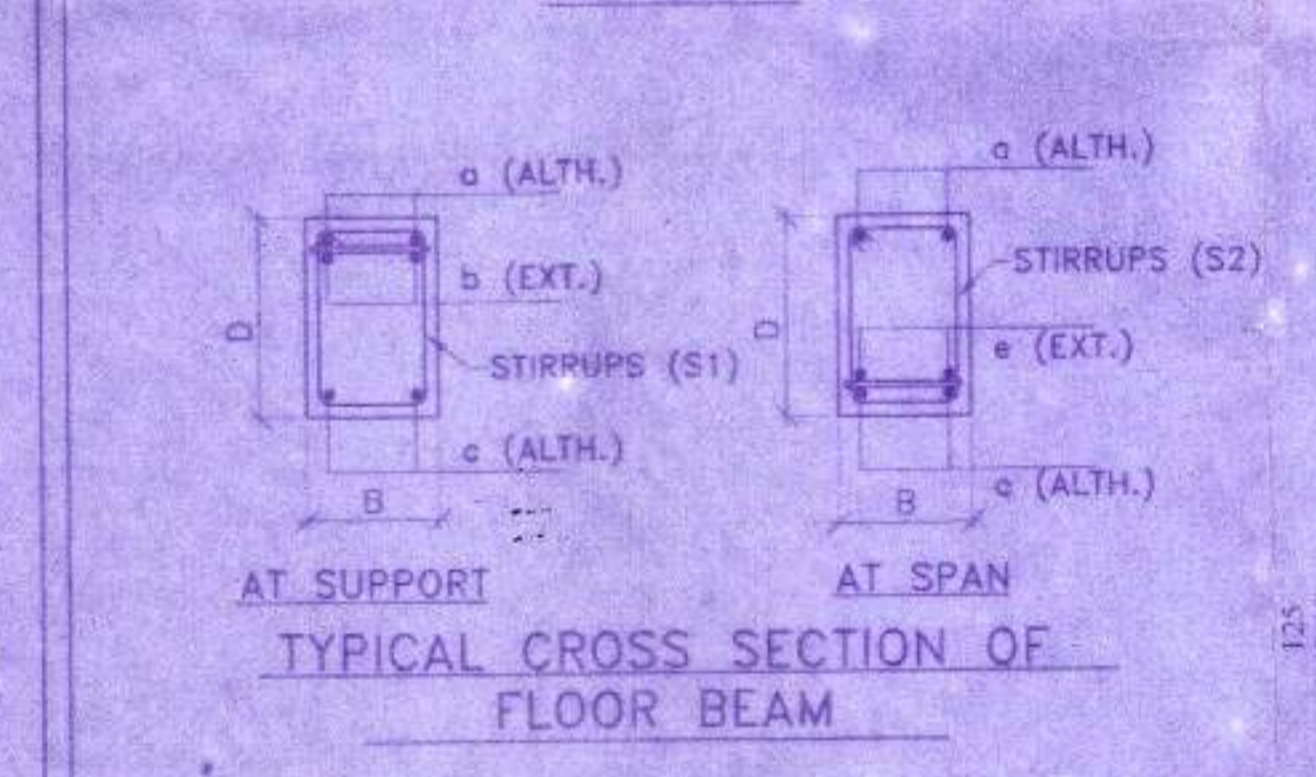
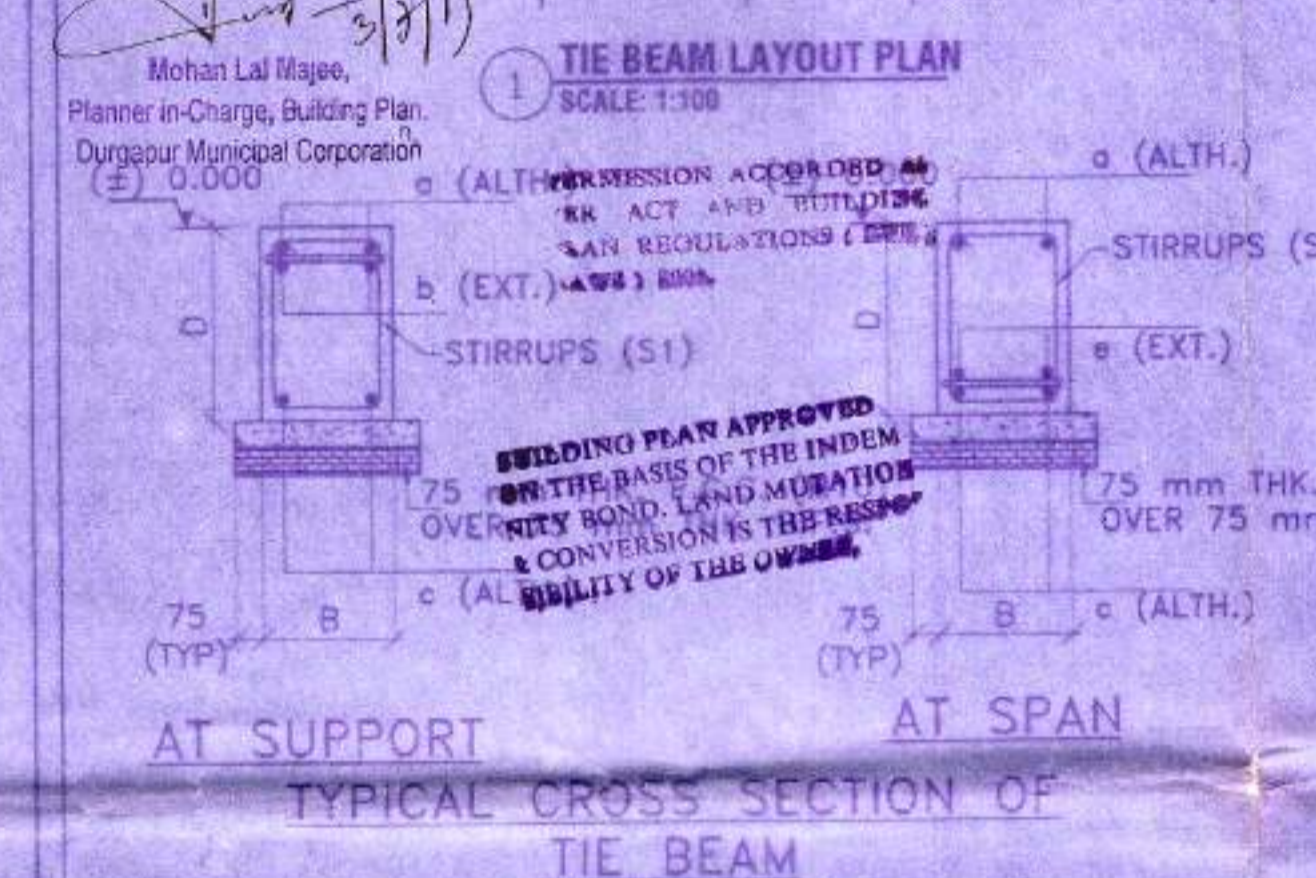
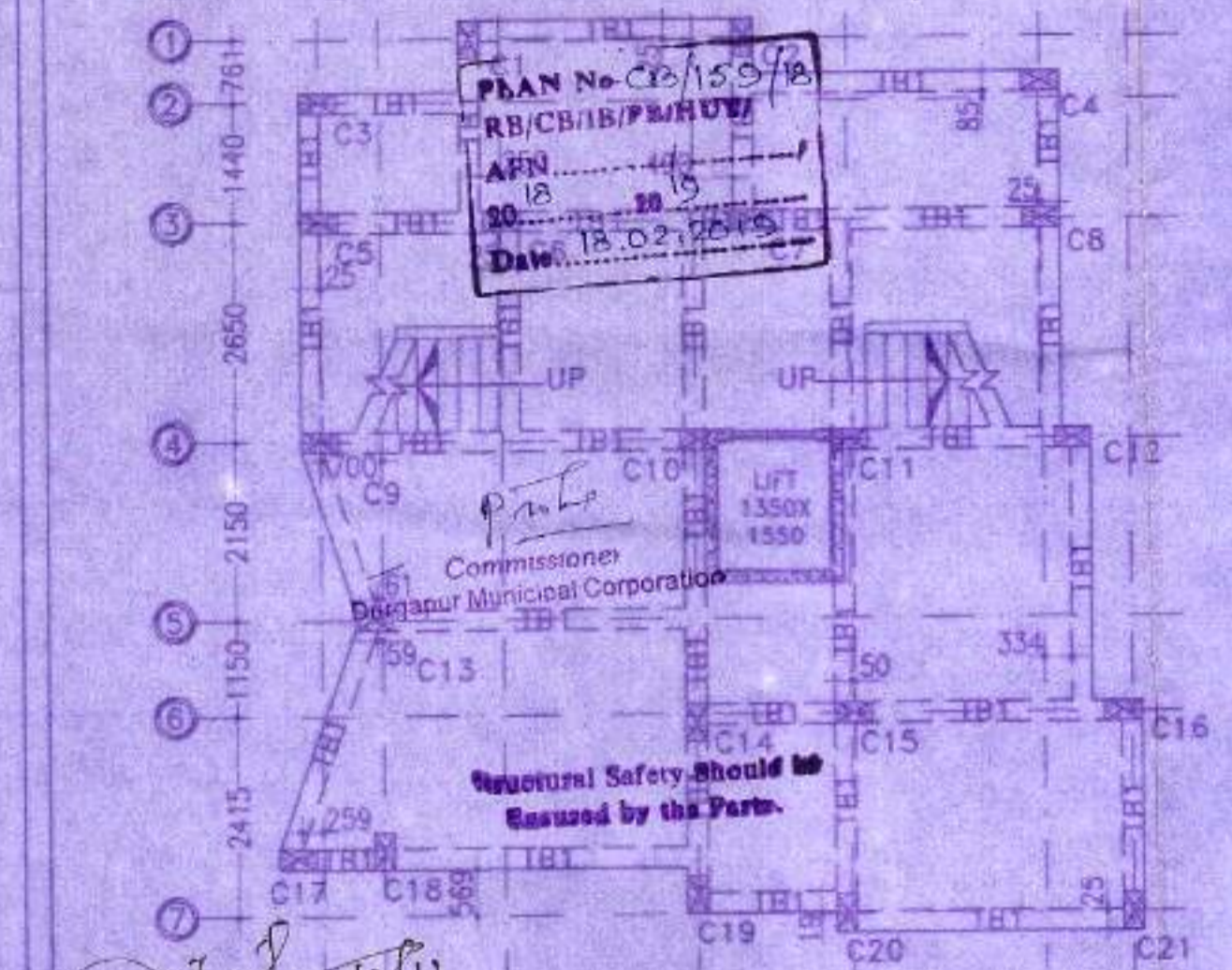
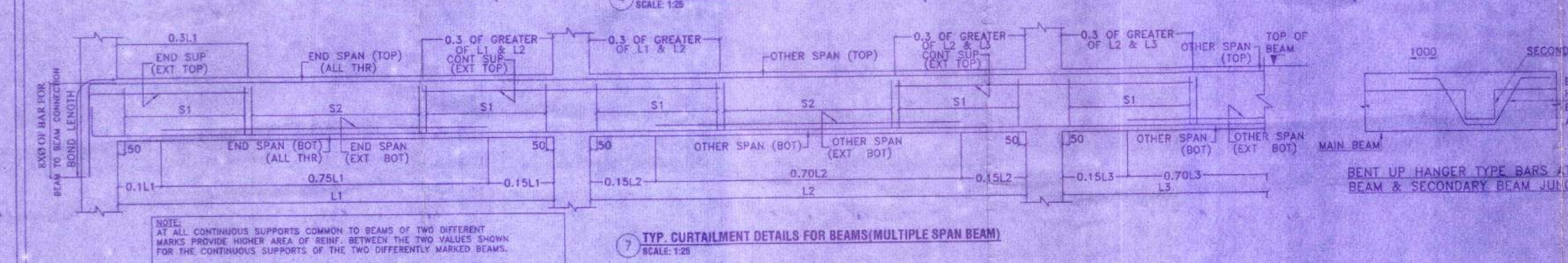


TABLE NO:-01 (SCHEDULE OF BEAMS)

Beam Mkd	Size	All Through		Ext. at End Supp. Top (b)	Ext. at Span. Bott (e)	Ext. at Conti Supp. Top (f)	S T I R R U P S	
		Top (a)	Bott (c)				Support	Span
FB1	250 450	2-20#	2-20#	2-16#	2-16#	2-16#	2L-8#125C/C	2L-8#150C/C
FB2	250 400	2-16#	2-16#	2-16#	2-16#	2-16#	2L-8#125C/C	2L-8#150C/C
FB3	250 350	2-16#	2-16#	1-16#	1-16#	1-16#	2L-8#125C/C	2L-8#150C/C
CB	250 450	3-20#	2-20#				2L-8#125C/C	2L-8#125C/C
CB1	250 500	4-20#	3-20#				2L-8#125C/C	2L-8#125C/C
TB1	250 450	2-20#	2-20#	2-16#	2-16#	2-16#	2L-8#125C/C	2L-8#150C/C

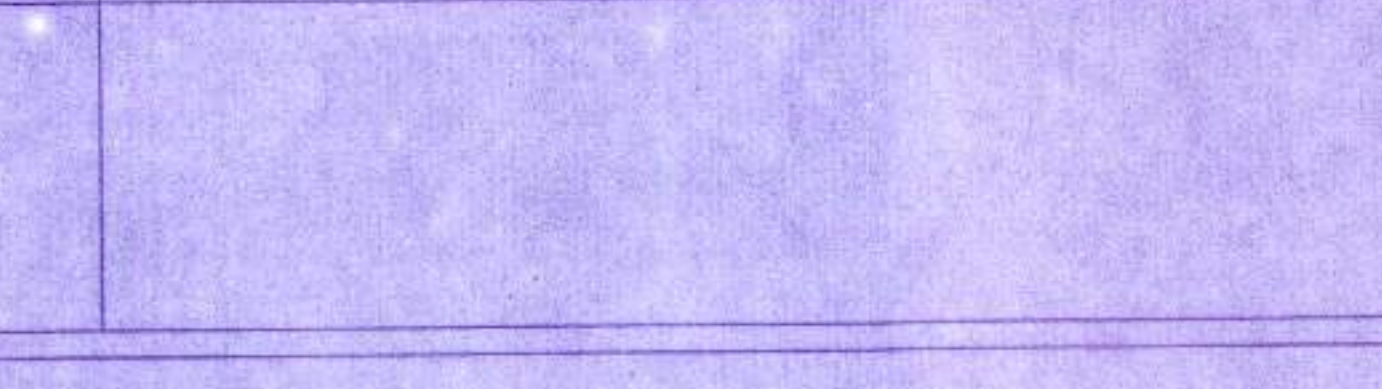


SIGNATURE OF ARCHITECTURAL ENGINEER:-

I DO HEREBY CONFIRM AND CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN PREPARED BY ME KEEPING THE PROVISION OF NBC OF INDIA AND CERTIFY THAT IT IS SAFE & STABLE IN ALL RESPECT.

Hirshank
HIRSHANK GHOSH (Class A)
Consultant Civil Engineer
Lic. No. 15192/2010
G.D.S., Durgapur-13

OFFICE USED:-



GENESIS INFRASTRUCTURE DEVELOPMENT SERVICES

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CHECKED BY : H.GHOSH SCALE : 1:100, 1:50, 1:25, N.T.S

DATE : 22.12.2018 REV-00

SHEET NO:- GDS/STRU02-02

