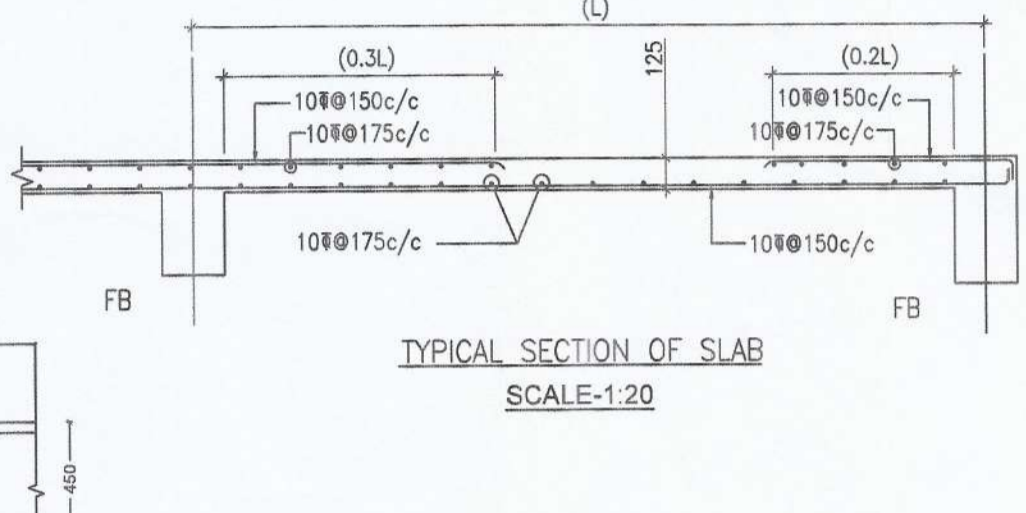


BASEMENT FLOOR TO ROOF BEAM SCHEDULE
GRADE OF CONCRETE-M 40

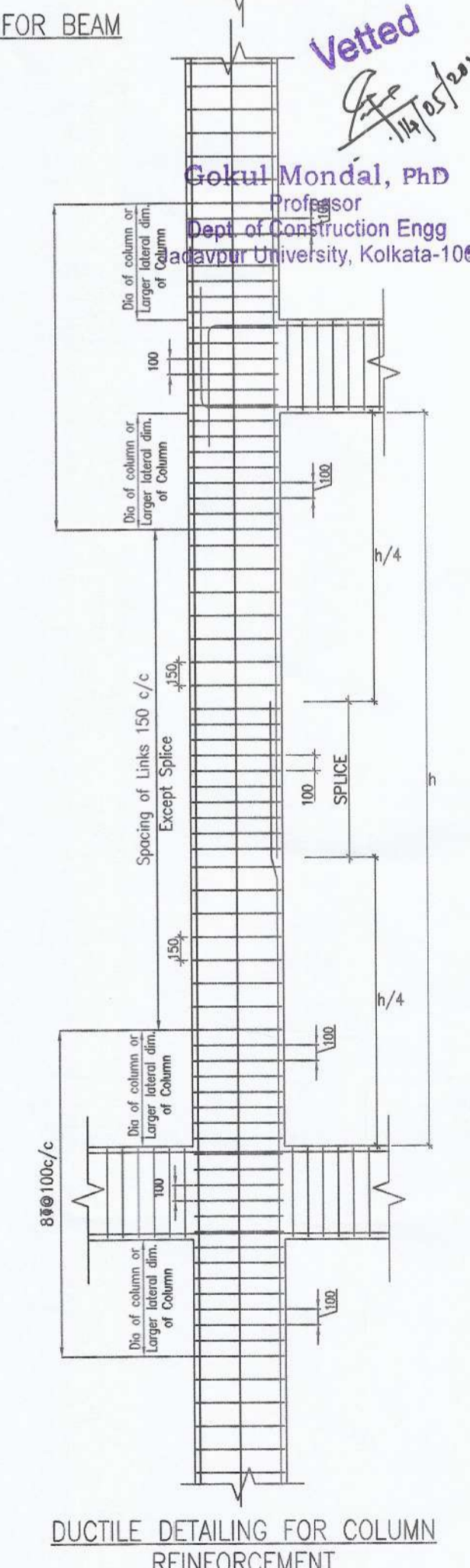
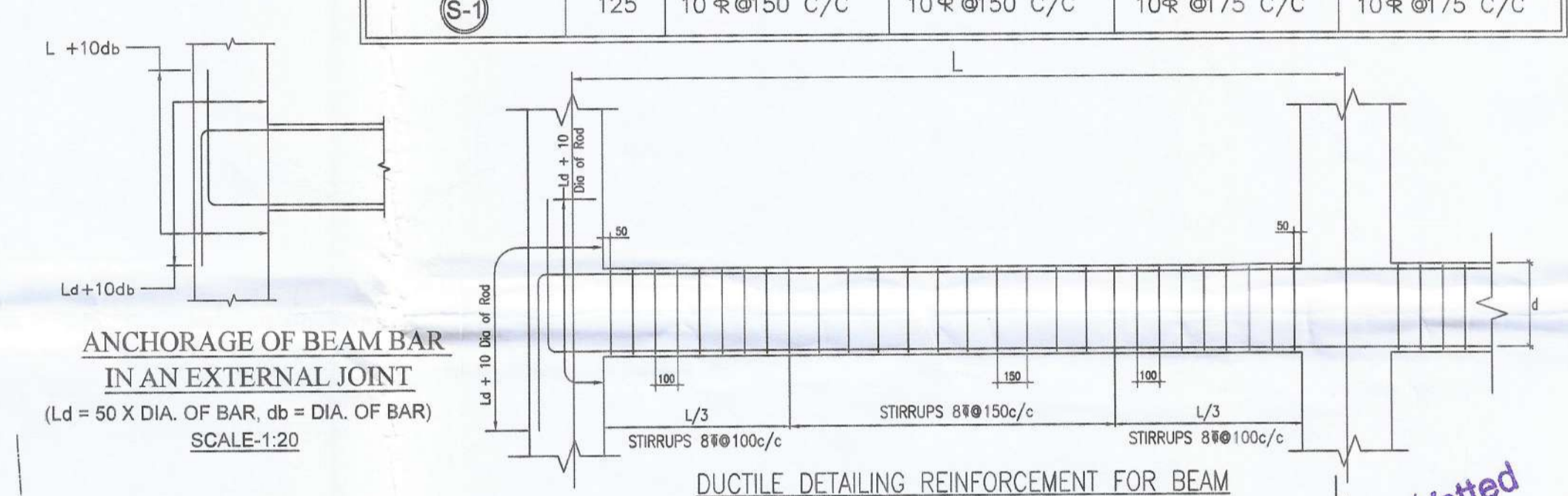
BEAM MKD.	WIDTH	DEPTH	SUPPORT REINF.		SPAN REINF.		STIRRUPS	SPAN
			TOP	BOTTOM	TOP	BOTTOM		
FB	300	450	2-25 Φ 2-25 Φ	3-25 Φ	2-25 Φ	3-25 Φ	8 Φ 100 C/C	8 Φ 150 C/C

TYP. LONG SEC. OF FLOOR BEAM (300 X 450)
(STIRRUPS SHALL BE 8 Φ 100 & 150 C/C)
SCALE-1:20



SCHEDULE OF SLAB
GRADE OF CONCRETE-M 40

SLAB MKD.	DEPTH	REINF. AT SHORTER SPAN		REINF. OF LONGER SPAN	
		TOP AT SUPPORT ONLY	BOTTOM	TOP AT SUPPORT ONLY	BOTTOM
(S-1)	125	10 Φ 150 C/C	10 Φ 150 C/C	10 Φ 175 C/C	10 Φ 175 C/C



STATEMENT OF THE PROPOSAL
STRUCTURAL DETAIL OF PROPOSED B1 + B2 + G + 12 STORIED RESIDENTIAL CUM COMMERCIAL BUILDING AT ANDAL UKHARA ROAD, ON R.S. & L.R. PLOT NO.- 1164, L.R. KH. NO.- 2689, 1664, 2121, 3114, 3328. MOUZA-BHADUR, J.L. NO.- 42, P.S.- ANDAL, DIST- PASCHIM BARDHAMAN, PIN.- 713321, UNDER- ANDAL GRAM PANCHYET.

LAND OWNERS:
1) BE HOMES DEVELOPERS PVT. LTD.
2) KUSHIK MUKHERJEE, S/O UJJAL KANTI MUKHERJEE,
3) UJJAL KANTI MUKHERJEE, S/O NIMAI SEWAK MUKHERJEE
4) TRINA MUKHERJEE, W/O KUSHIK MUKHERJEE,
5) MRS. REKHA MUKHERJEE, W/O UJJAL KANTI MUKHERJEE

NOTES:
1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. M40 CONCRETE & Fe500 STEEL TO BE USED.
3. ALL STRUCTURAL DRAWINGS TO BE CO-RELATED WITH RELEVANT ARCHITECTURAL DRAWING BEFORE CONSTRUCTION.
4. ALL LAYOUT SHALL BE MADE ON THE BASIS OF RELEVANT ARCHITECTURAL DRAWINGS.
5. CLEAR COVER FOR SLAB - 20MM, BEAM - 25MM, COLUMN - 40MM
PILES - 50MM, RETAINING WALL - 40MM
6. LAP LENGTH IN BEAMS AND COLUMNS SHALL BE 50 TIMES DIA OF BAR.
7. BEARING CAPACITY SPECIFIED IN SOIL REPORT.
8. PROVISIONS OF RELEVANT IS CODES SHALL APPLY IF NOT MENTIONED OTHERWISE.
9. SUITABLE SLOPE, NOSING, SLAB EXTENSION SHALL BE PROVIDED AS AND NECESSARY.
10. THE PROJECTION OF PILE IN THE PILE CAP SHALL BE 75 MM AND THE EDGES SHALL EXTEND BY 150 MM BEYOND THE CIRCUMFERENCE OF THE PILES.

Sujay Sarkar
Dr. Sujay Sarkar
Geotechnical Engineer
B.C.E. M.C.E. Ph.D (IIT)
MIGS, M.ASCE, KMC Class-I
GT1720
Chartered Engineer (I)

SIGNATURE OF GEO-TECHNICAL ENGINEER

Paban Mandal
PABAN MANDAL
B.E. (CIVIL), MIE, M.I.C.I. MIRC
CHARTERED ENGINEER (INDIA)
M-060229/3
KMC/ESE/1270

SIGNATURE OF STRUCTURAL ENGINEER

Soumyendu Biswas
SOUMYENDU BISWAS
Architect, City Planner
Regd. No. - CA/89/12599,
10/2, C. N. Roy Road,
Kolkata - 700 039.

SIGNATURE OF ARCHITECT

- BE HOME DEVELOPERS PVT. LTD.
- Kushik Mukherjee*
Director
 - Ujjal Kanti Mukherjee*
 - Trina Mukherjee*
 - Rekha Mukherjee*

SIGNATURE OF OWNER

TITLE:

LAYOUT & DETAIL OF FLOOR SLABS, BEAMS & STAIR

DATE	SHEET	
12/05/2025	2 OF 2	N

Pradhan
Pradhan 24.9.25
Andal Gram Panchayat
Andal, Paschim Bardhaman