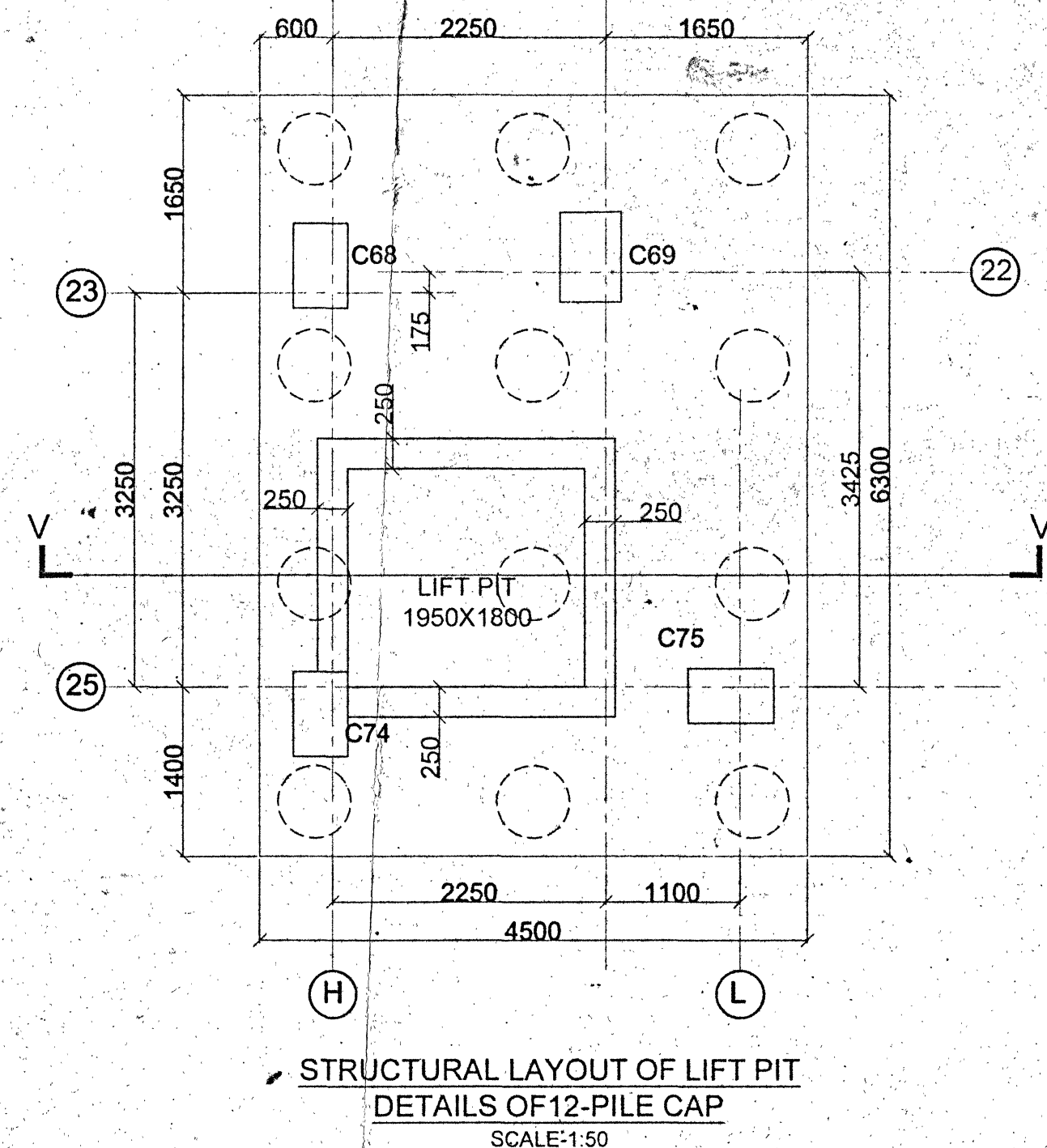
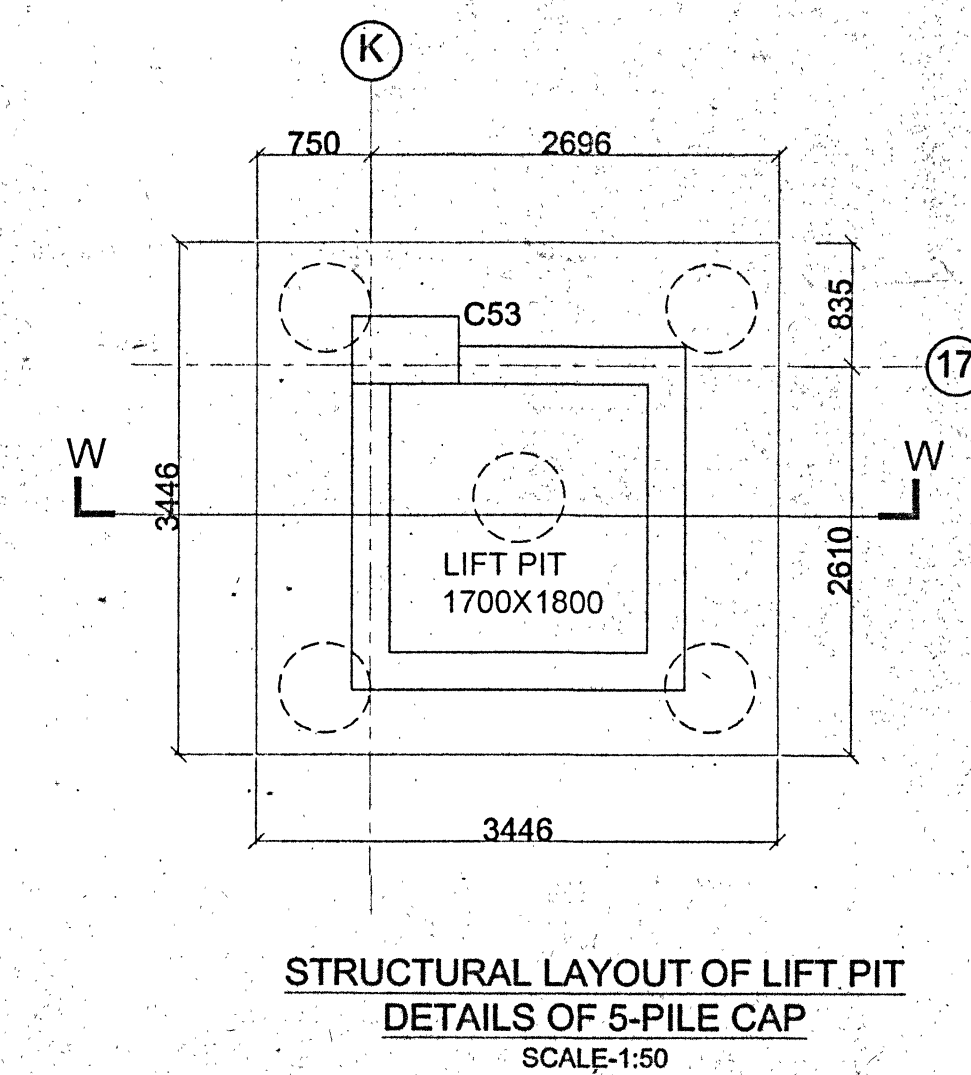
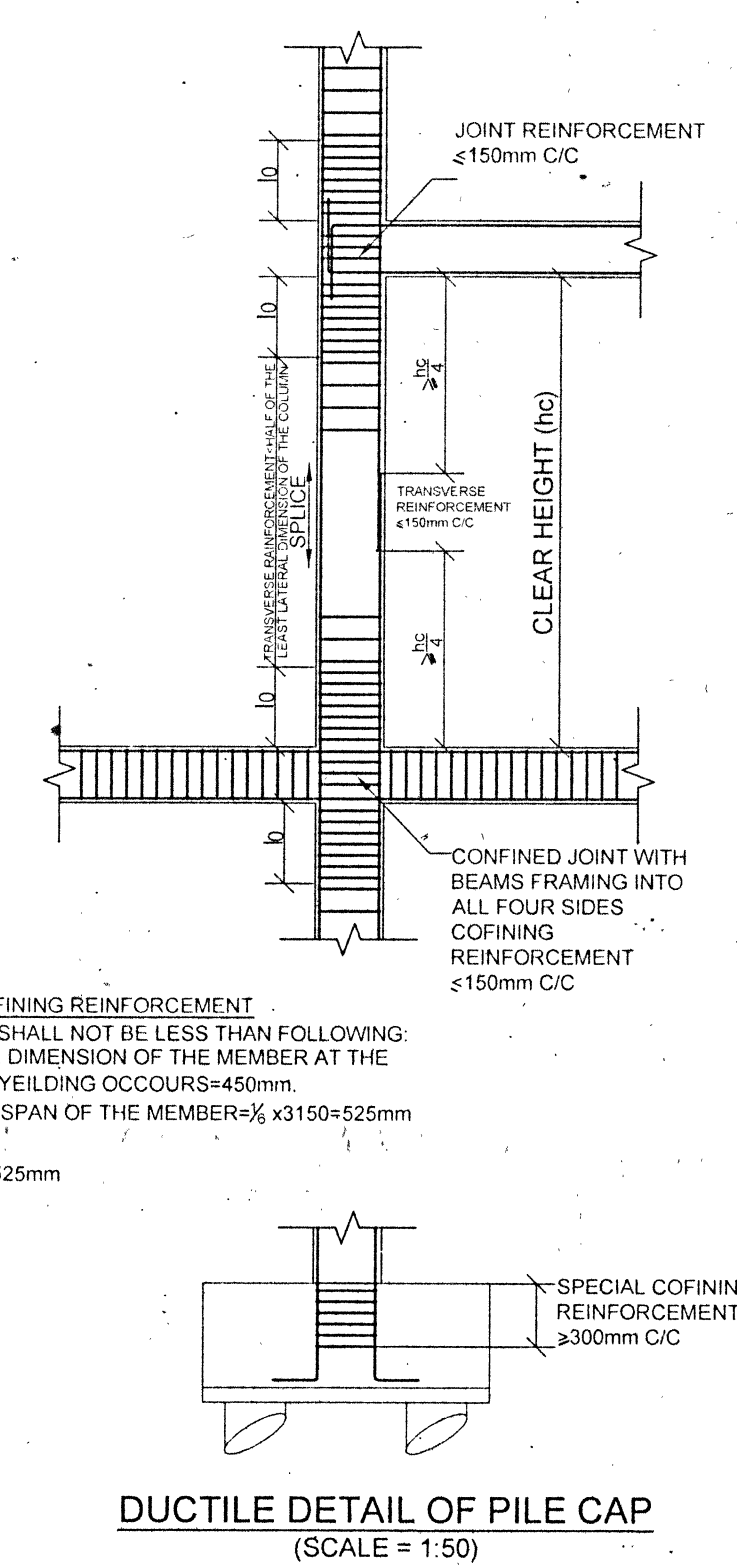
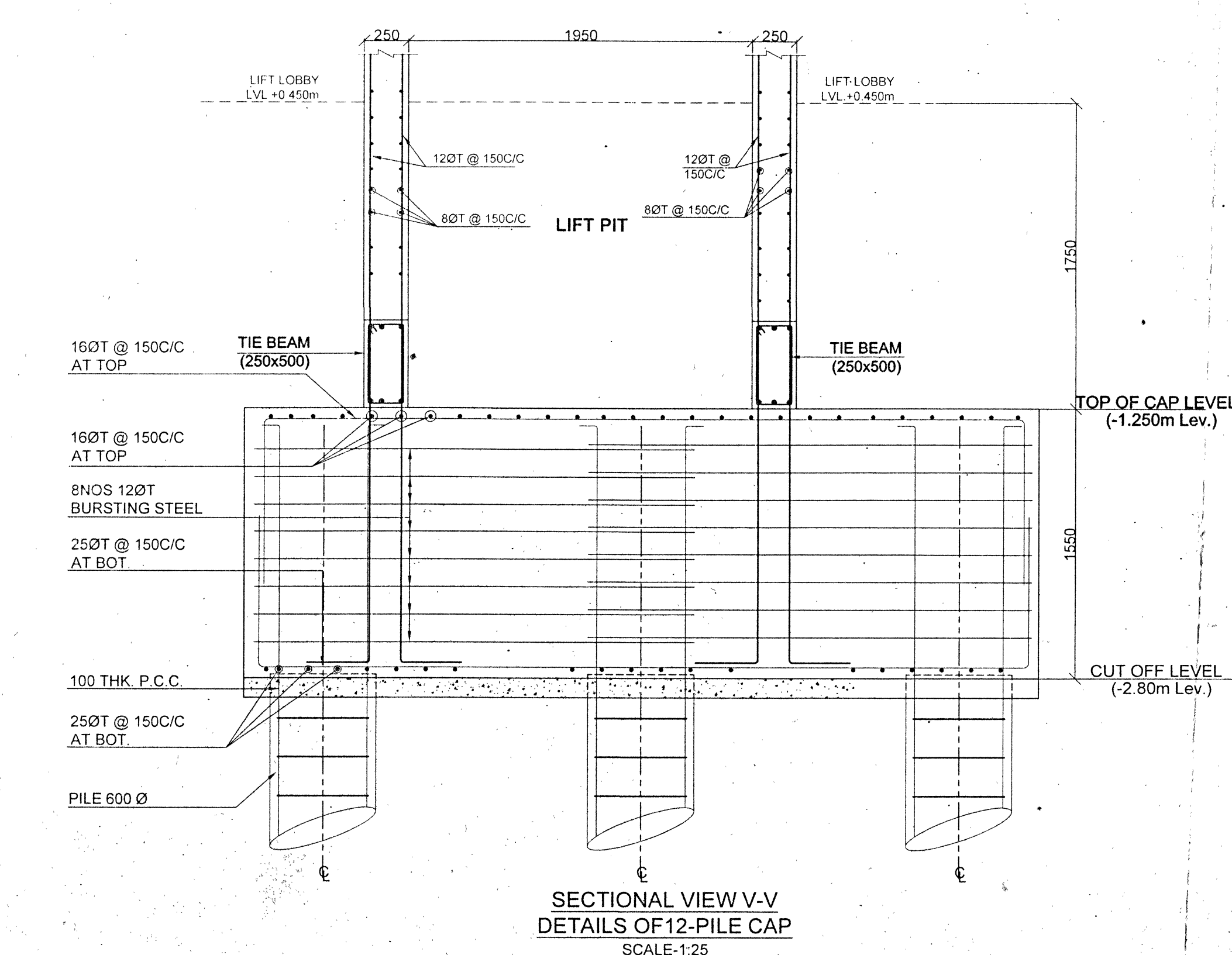




- ### NOTES :
1. ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN M UNLESS OTHERWISE MENTIONED
 2. NO DIMENSION SHOULD BE SCALED OUT FROM THE DRAWING, ONLY FIGURE WRITTEN DIMENSIONS SHALL BE USED.
 3. DIMENSION ARE TO BE VERIFIED AT STATION BEFORE EXECUTION OF WORK.
 4. VARIOUS APPLICABLE PROVISIONS OF IS 456 SHALL BE FOLLOWED FOR R.C.C. WORK.
 5. GRADE OF CONCRETE SHALL BE M30 NORMAL MIX.
 6. ALL REINFORCEMENT SHALL BE T MT 1 BARS R-50D.
 7. REINFORCEMENT SHALL HAVE KNOTTED COVER EXCLUDING PLASTER OR OTHER DECORATIVE FINISH AS FOLLOWS :

50 MM IN PILE AND PILE CAP
40MM IN SLAB
25MM IN BEAM
20MM IN SLAB.
 8. NOT MORE THAN ONE THIRD OF TOTAL NOS. OF MAIN BARS SHALL BE PLACED OVER ANY SECTION OF COLUMN OR BEAMS.
 9. DEVELOPMENT LENGTH, LAP LENGTH AND ANCHOR LENGTH (Ld) FOR REINFORCEMENT BARS SHALL BE AS PER TABLE NO. 26 OF IS 456.
 10. LAP SPACING SHALL BE 40 TIMES DIAMETER OF BARS & 40 TIMES DIAMETER OF BARS AT COMPRESSION ZONES.
 11. LAP SPACING BE STAGGERED AND AVOIDED AT THE POINTS OF MAXIMUM BENDING.
 12. NOT MORE THAN 50% OF BARS SHALL BE SPLICED AT ONE SECTION IN COLUMN AND BEAMS.
 13. LAP SPLICED SHALL BE IN CENTRAL HALF OF COLUMN LENGTH AND BARS PROPORTIONED AS TENSION SPLICE
 14. IN COLUMN REINFORCEMENT, LONGER DIAMETER REINFORCEMENT BARS SHALL BE PLACED AT CORNER WHEREVER TWO DIFFERENT DIAMETER OF BARS ARE USED.
 15. S/LAB SHALL BE CAST MONOLITHICALLY WITH BEAM.
 16. ALL REINFORCEMENT ARRANGEMENT CONFORM TO SP 34 : 1987
 17. USE P.C.C. IN PORTION OF 1:3:6
 17. HIGHER SIDE DIA. SHALL BE USED AS SPACER BAR WHENEVER REQUIRED
 18. STRUCTURAL DESIGN HAS BEEN DONE BY CONSIDERING A/C BRICK WORKS ON ALL FLOORS.

(4+9) to (4+15)
Approved Plan No. 19 On Meeting
Held 12/2021-22 Date 18/02/2022
Valid upto 21/03/2026

Sofia Sali Sen
Pradhan 21/03/21
Jamaa Gram Panchayat

✓ Nazmul Hossain
✓ Amin Das

SIGNATURE OF OWNER

Rupak Kumar Banerjee
RUPAK KUMAR BANERJEE
B.C.E., M.E., M.T., M.S., P.E.
STRUCTURAL ENGINEER
SER 101144
STR/VIKDA2/2/00808
MIST.TE REVIEWER/23-24/129
DMC/BPD/ST-Rev/37

SIGNATURE OF STRUCTURAL REVIEWER

CERTIFICATE OF STRUCTURAL ENGINEER

THE STRUCTURAL DESIGN OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAVE BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C OF INDIA , CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT.

Ar. VIJAYA SINGH MAZUMDER
COA Registered
CA/2021/134276
9332602106 / 9476426106

PROJECT
STRUCTURAL DRAWING OF PROPOSED G+XV STORIED
RESIDENTIAL BUILDING AT MOUZA -TETIKHOLA, PLOT NO
R.S. - 15,17,18,19,20,21,22 & 23 PLOT NO. - L.R. 123 & 147,
J.L. NO.-111, P.S. - NEWTOWN SHIP,KHATIAN NO.
1500&1289/2, DURGAPORE.

CONSULTANT:	ASTHA GEOTECHNICAL . SURVEYING . STRUCTURAL CIVIL AND ARCHITECTURAL CONSULTANCY SERVICES 258 / 4, A . P . C . ROAD, KOLKATA - 700 006 . WEBSITE : www.asthaconsultancy.in MAIL ID : asthacons@gmail.com			
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">SIZE A0</td> <td style="width: 50%; padding: 5px;">REV. R0</td> </tr> </table>	SIZE A0	REV. R0
SIZE A0	REV. R0			

DRAWING NO.- AST/STR/DURG/2021/01	SHEET TITLE : LAYOUT AND DETAILS OF FOUNDATION, PILE CAP .	SCALE 1:25, 1:100
DATE - 28.12.2023		SHEET/ STR/ 02