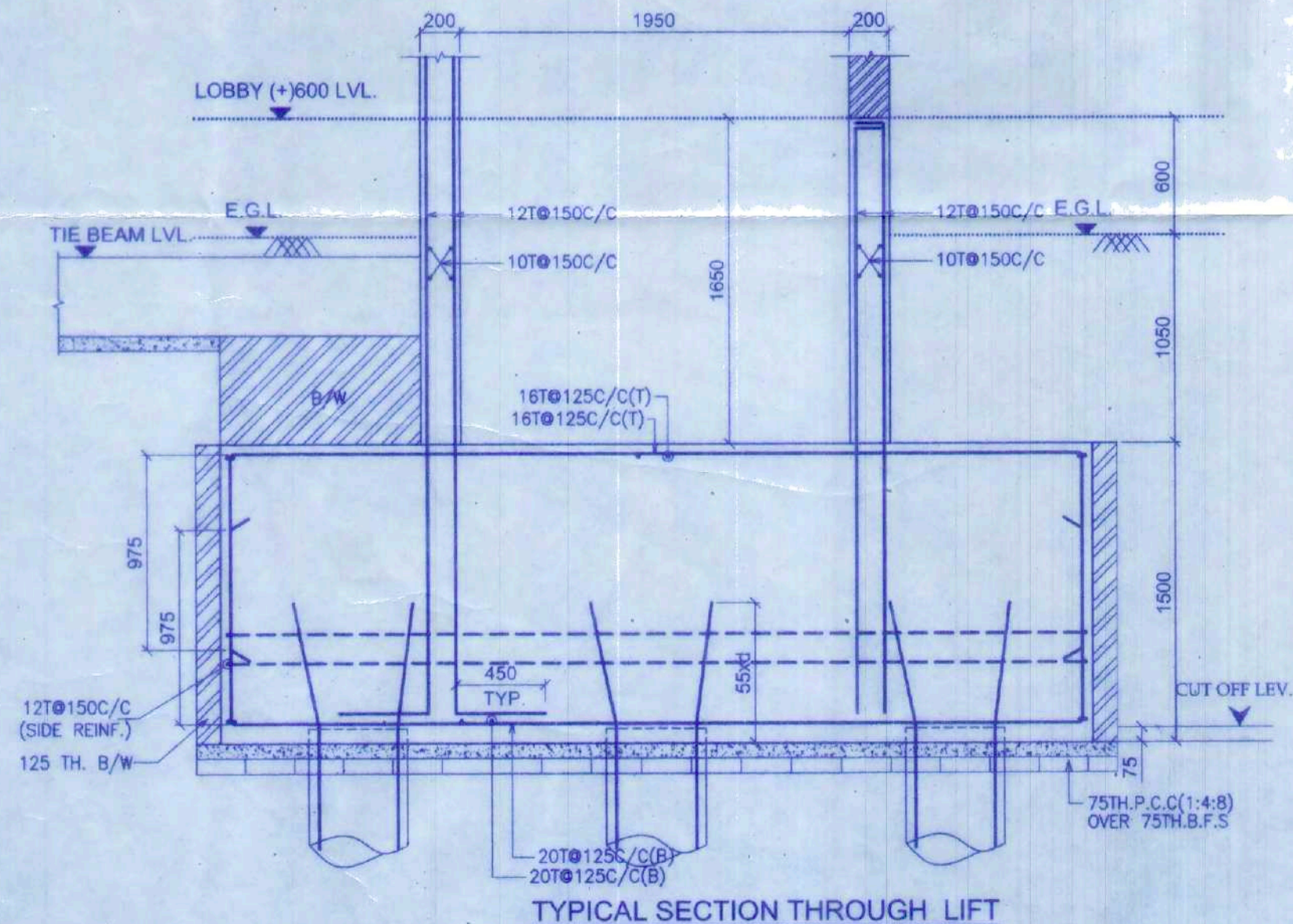


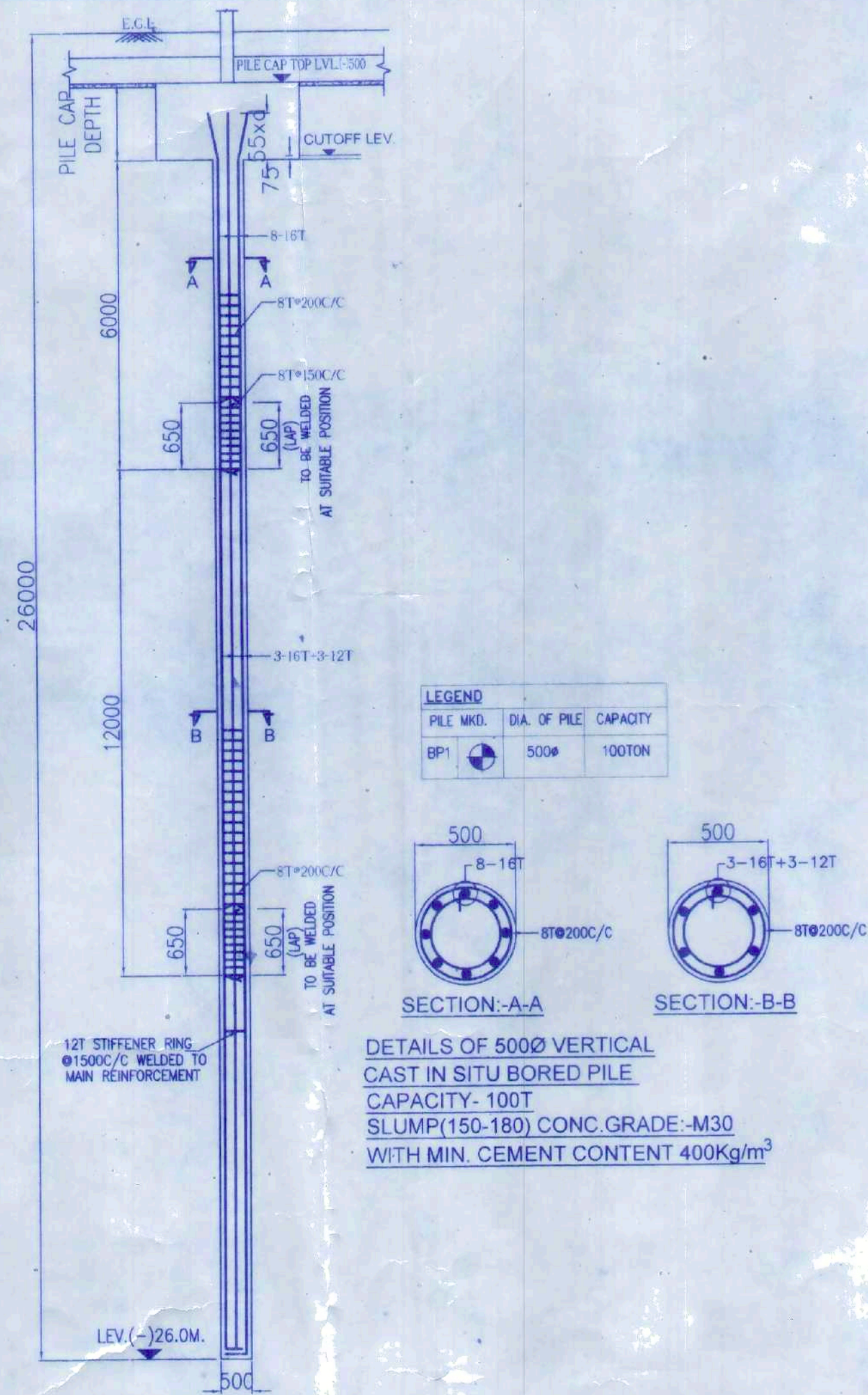
FOUNDATION LAYOUT PLAN (TOWER-4)

COLUMN SCHEDULE

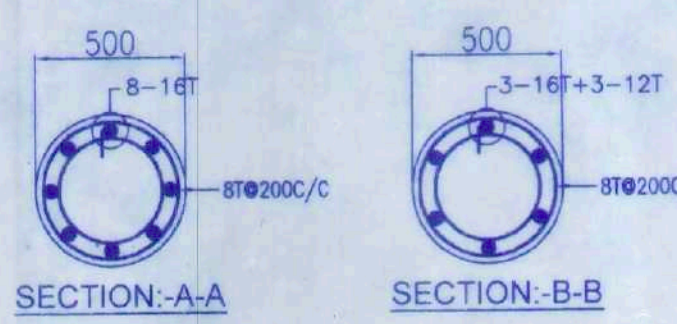
COLUMN MKD.	COL. SIZE	FOUNDATION TO 2ND FLOOR	2ND FLOOR TO 4TH. FLOOR	4TH. FLOOR TO 6TH. FLOOR	6TH. FLOOR TO 8TH. FLOOR	8TH. FLOOR TO 11TH FLOOR	11TH. FLOOR TO ROOF
C1,C12,C15,C26 C27,C37,C45,C51 C52,C58,C75,C76 C77,C80	(200X1000)	14-20T	8-20T+6-16T	8-20T+6-16T	4-20T+10-16T	14-16T	14-16T
C2,C3,C4,C5,C6,C7 C8,C9,C10,C11,C41 C42,C47,C48,C50 C53,C55,C56,C59 C62,C63,C66,C67 C70,C71,C74	(200X1000)	8-25T+8-20T	4-25T+12-20T	16-20T	8-20T+8-16T	4-20T+12-16T	16-16T
C13,C14,C33,C39 C44	(200X500/ 500)	12-25T	8-25T+4-20T	4-25T+12-20T	16-20T	8-20T+8-16T	4-20T+12-16T
C16,C17,C18,C19 C20,C21,C22,C23 C24,C25,C28,C29 C30,C31,C32,C34 C35,C36,C60,C61 C64,C65,C68,C69 C72,C73	(200X1000)	16-25T	8-25T+8-20T	4-25T+12-20T	16-20T	8-20T+8-16T	4-20T+12-16T
C38	LIFT AS/DRG.	28-20T	28-20T	28-16T	28-16T	28-16T	28-16T
C40,C43	(200X1000)	16-20T	8-20T+8-16T	4-20T+12-16T	16-16T	16-16T	16-16T
C46,C49,C54,C57	(200X1000)	4-20T+10-16T	14-16T	14-16T	14-16T	14-16T	14-16T
C78,C79	(200X1850)	20-20T	8-20T+12-16T	4-20T+16-16T	20-16T	20-16T	20-16T
CONCRETE GRADE:-		M-40	M-40	M-40	M-40	M-40	M-40
STIRRUP-BT (AS PER BEAM COLUMN JUNCTION)							



TYPICAL SECTION THROUGH LIFT

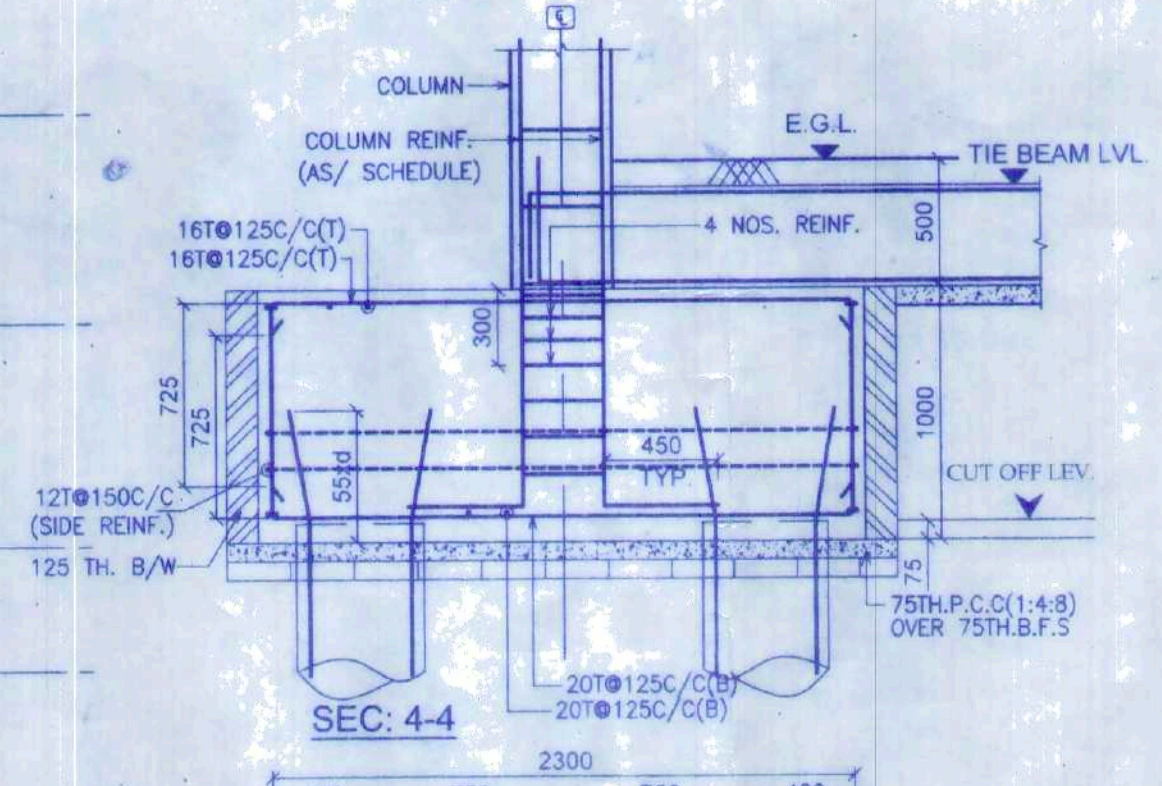


LEGEND

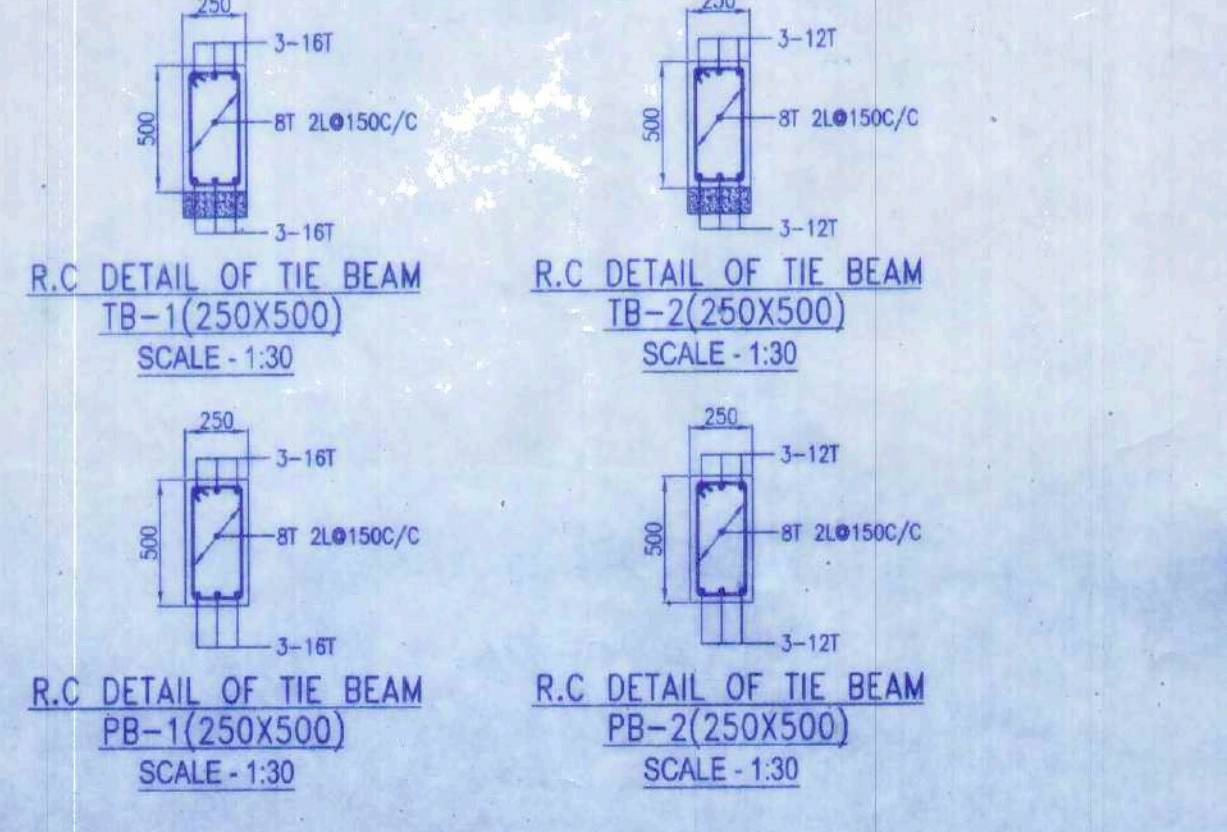
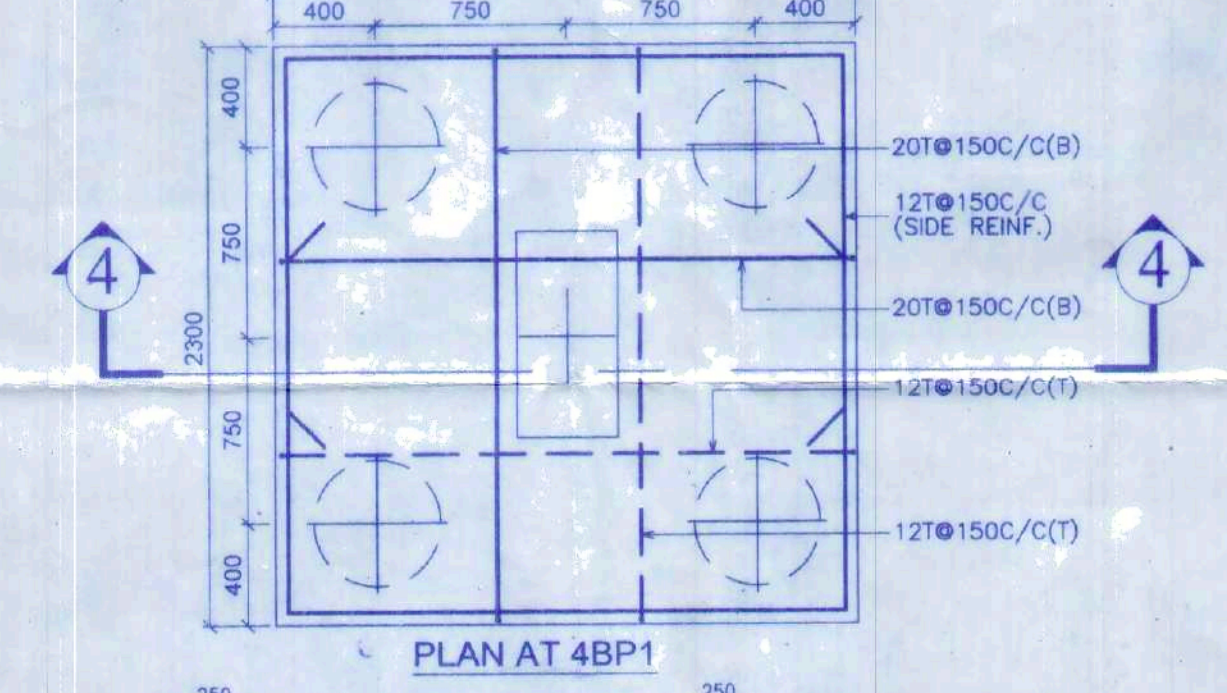


DETAILS OF 600Ø VERTICAL CAST IN SITU BORED PILE CAPACITY- 100T SLUMP(150-180) CONC.GRADE-M30 WITH MIN. CEMENT CONTENT 400Kg/m³

TYPICAL DETAIL OF PILE(600Ø)



SEC: 4-4



PROJECT
PROPOSED AFFORDABLE HOUSING UNDER PRADHAN MANTRI AWAS YOJANA AT PRE. NO.39/1 SHALIMAR ROAD, MOUZA SHIBPUR SHEET NO.169,170,179,180, J.L. NO. 1, L.R. KHATIAN NO. 170,9,15,17, L.R. DAG NO. 12,13,39,40,41,42,44,45,60,61,62,63,6,7,8,9,10,11,12,13,14,15,16,17,21,22,24,1,2,11 P.S-SHIBPUR, WARD NO-39, BOROUGH -VIDIST HOWRAH-711103, UNDER HOWRAH MUNICIPAL CORPORATION.WEST BENGAL.

TITLE:
FOUNDATION LAYOUT PLAN (TOWER-4)

NOTES
 1. ALL DIMENSIONS ARE IN MM EXCEPT NOTED
 2. GRADE OF CONCRETE - M40 M25
 3. GRADE OF STEEL Fe500D

PROGRAM
 1. SET CLASS CEMENT BRICK WORK IN SUPERSTRUCTURE
 2. 200 THK. EXT. BRICK WALL & 100 THK. INT. BRICK WALL IN 14 CM SAND MORTAR
 3. LEAN CONC. (1:3) WITH 19 MM DOWN GRADED STONE CHIPS FOR ALL P.C.G. WORKS
 4. M25 CONC. (1:1:2) FOR ALL R.C.C. WORKS
 5. 20 MM & 12 MM THK. PLASTER (1:5) ON EXT. & INT. BRICK WALL RESPECTIVELY A 13MM THK. PLASTER (1:3) ON CEILING
 6. 20 X 6 FLAT ORIENTAL GRILL WITH WINDOW FRAME & 4V. 40MM THK. MARBLE FLOORING INCLUDING FINISHING OVER R.C.C. FLOOR SLAB
 7. SINGLE LAYER F.B.S. IN FOUNDATION & PLINTH
 8. HIRE & LABOUR FOR SHUTTERING & LABOUR WORKS INCLUDING: STOUT PROPS TO BE PLACED AS PER DIRECTION
 9. TOP STEEL BAR FOR ALL R.C.C. WORKS INCLUDING DISTRIBUTERS & BINDERS
 10. SANITARY & PLUMBING FITTINGS & FIXING COMPLETE AS PER LIFT
 11. MATERIALS TO BE USED - CEMENT- PORTLAND, SAND MEDIUM GRADE
 12. STONE CHIPS- 19 MM DOWN GRADED
 13. CLEAR COVER TO MAIN REINF. FOUNDATION- 50 MM, COLUMN- 40 MM, BEAM- 25 MM, SLAB- 20 MM
 14. GAL WOOD TO BE USED FOR DOOR & WINDOW FRAME & TEAK WOOD FOR SHUTTERS
 ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED & WRITTEN DIMENSIONS WILL SUPERSEDE UNWRITTEN DIMENSIONS

DECLARATION
 THE PLOT IS BUILT & BOUND BY BOUNDARY WALL. THE CHARACTER OF THE ROAD IS H.M.C. ROAD 100 FEET WIDE. I HEREBY DECLARE WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN BY ME AS PER PROVISIONS OF H.M.C. BUILDING RULES 2008 AS EXTENDED BY M.T.A. & M.C. AND THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFORMS WITH THE SITE PLAN AND THAT IS BUILDABLE SITE. **WALAY KUMAR GHOSH**
 Reg. No. CA-2714/05/54
FEDERAL RIVERVIEW PROJECTS PRIVATE LIMITED, 35A, Dr. Sarat Banerjee Road, Kolkata - 700 029
 Director

DECLARATION
 I CERTIFY THAT THE FOUNDATION AND THE SUPERSTRUCTURE HAVE BEEN SO DESIGNED BY ME THAT IT IS SAFE IN ALL RESPECT INCLUDING IN THE CONSIDERATION OF THE BEARING CAPACITY AND SETTLEMENT OF SOIL.
 2. THE STRUCTURE AND DRAWING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAVE BEEN DESIGNED BY ME (ENGINEER) IN ACCORDANCE WITH THE PROVISIONS OF H.M.C. BUILDING RULES 2008 AS EXTENDED BY M.T.A. & M.C. (WEST BENGAL).
BIBEK BIKASH MULLICK, M. Struc. Eng. (Super. 153)
 E.S.E. - 1/75
KOLKATA MUNICIPAL CORPORATION, Reg. No. 011134/B
 (M.C. Empowered Structural Engineer, Class-1, E.S.E. 1/75)

UNDERTAKING
 1. I UNDERTAKE THAT WHEN THE SEWER LINE WILL BE AVAILABLE, I WILL MAKE CONNECTION AT MY OWN COST AS PER RULE.
 2. NO BUILDING MATERIALS WILL BE STACKED / DEPOSITED ON ROAD OVERNIGHT.
 3. I WILL SHALL ARRANGE FOR RAGGING & MAINTENANCE OF THEM AS SHOWN IN THE DRAWING AT MY OWN COST.

STRUCTURAL CONSULTANT:
P.M. CONSULTANT
 STRUCTURAL ENGINEERING CONSULTANT
 3A, SIDDHESHWARI MAIN ROAD,
 KOLKATA - 700029.
 PHONE: 933-4061123
 WEB: <https://pmcstructure.wixsite.com/pmcon>
 Email: pmcstructure@gmail.com, bibekm@rediffmail.com

DESIGNED-BBM
 CHECKED-BBM
 DEALT - rpm
 DATE : 05.03.2020
 DRG. NO. - P/MC/MUN/ST/SHALIMAR/TOWER-4/01

ADOK ROY
 Empowered Civil Structural Engineer
 Kolkata Municipal Corporation
 Class-1, No.-G.77/11
 8A, Mitan Park,
 Kolkata-700 084
 H.M.C./G.T.E./LICNO.3

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PARTY'S COPY

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 356/19-20 Date 11/1/20 for record of the Howrah Municipal Corporation without verification. No deviation from the submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form, necessary steps should be taken for the safety of the adjoining premises public and private properties and safety of Human Life during construction.

[Signature]
 Executive Engineer
 Building Department
 Howrah Municipal Corporation

APPROVED AS PER ORDER OF COMMISSIONER Dt. 24/2/20

PLACED IN MUNICIPAL BUILDING COMMITTEE DATED 06/2/20

HOWRAH MUNICIPAL CORPORATION
 E. S. E. - 1172
 NUMBER BUILDING MULTICOR