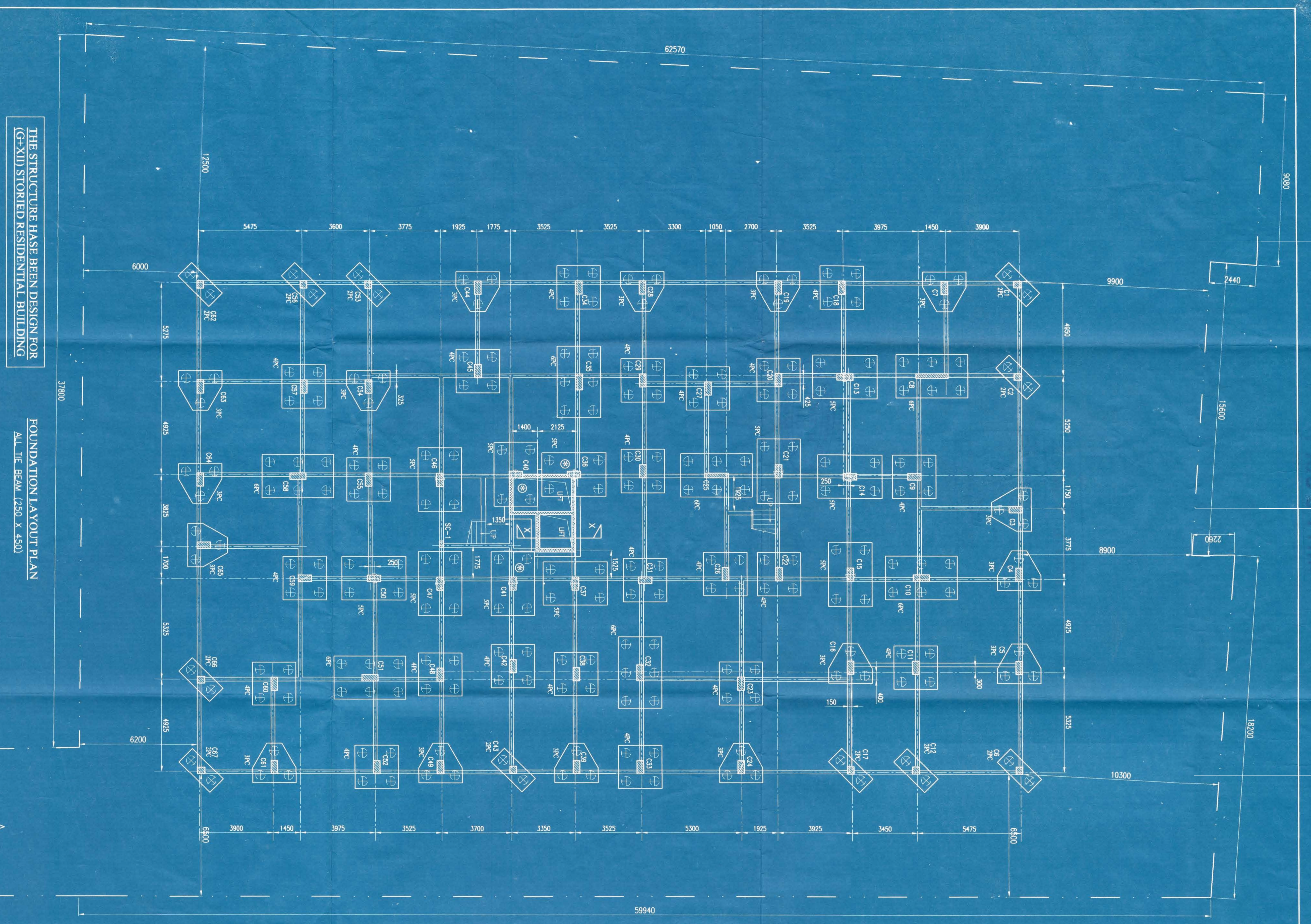
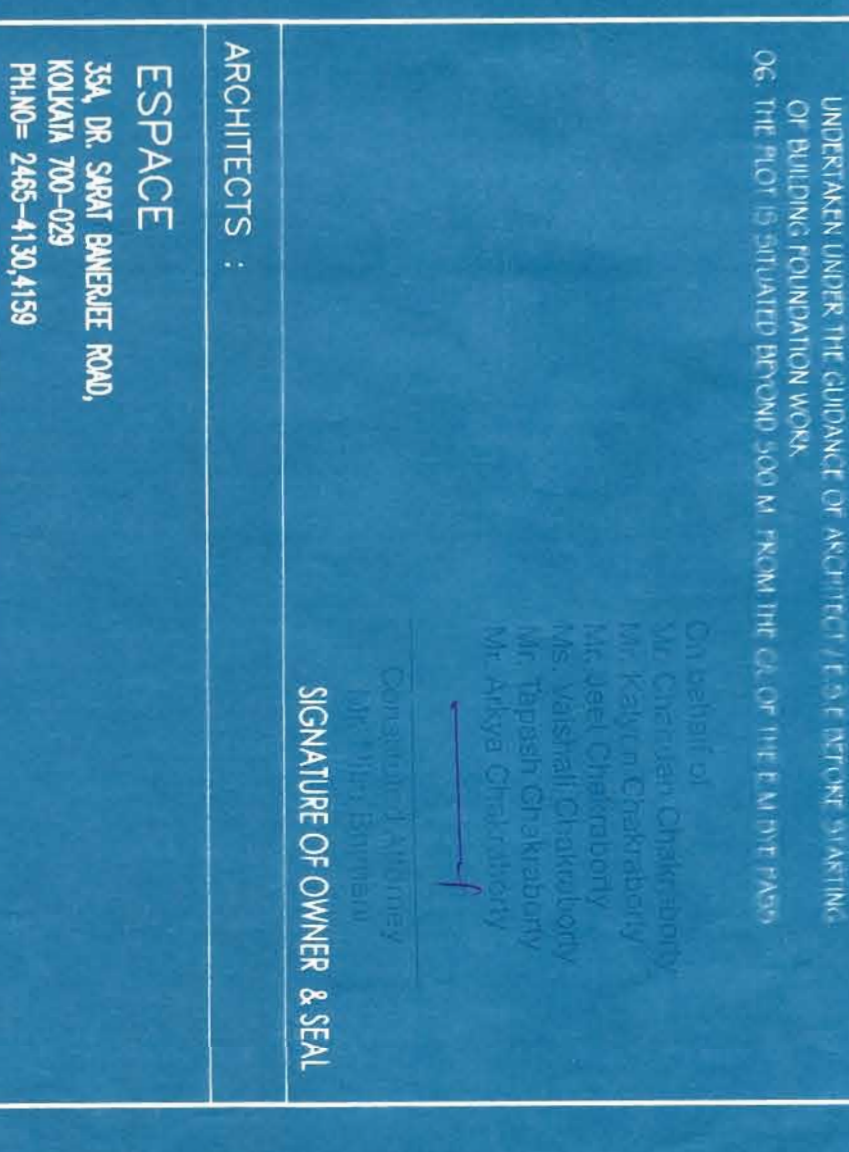
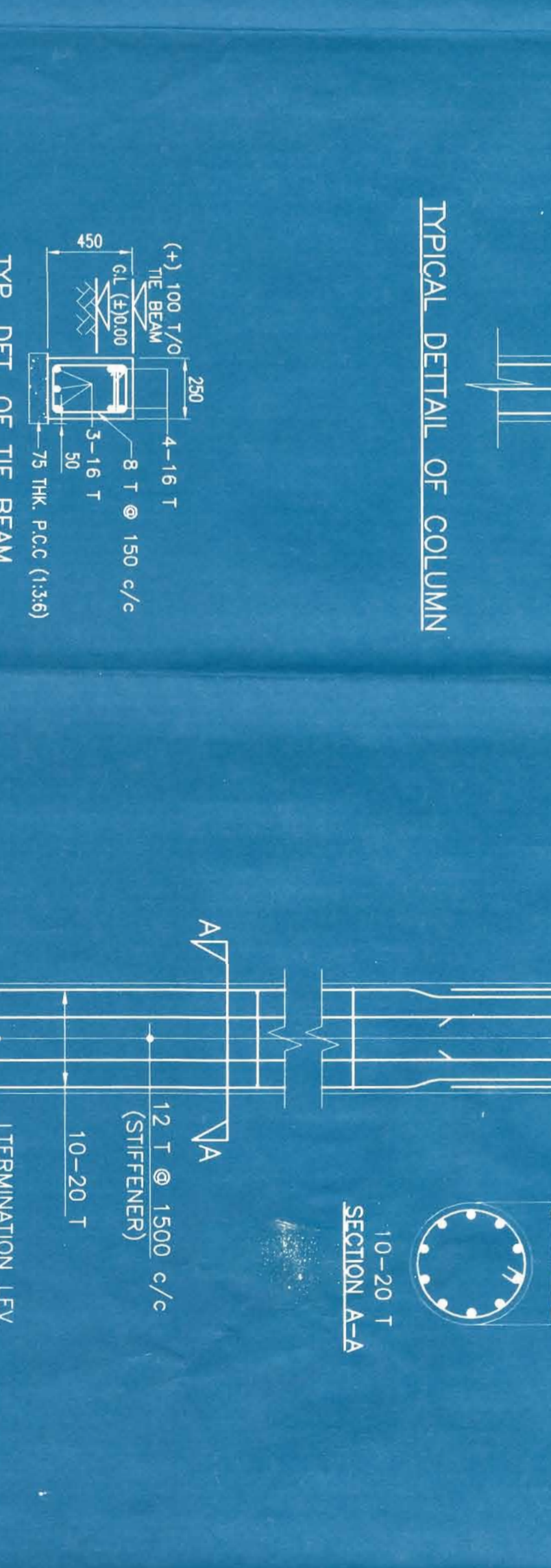
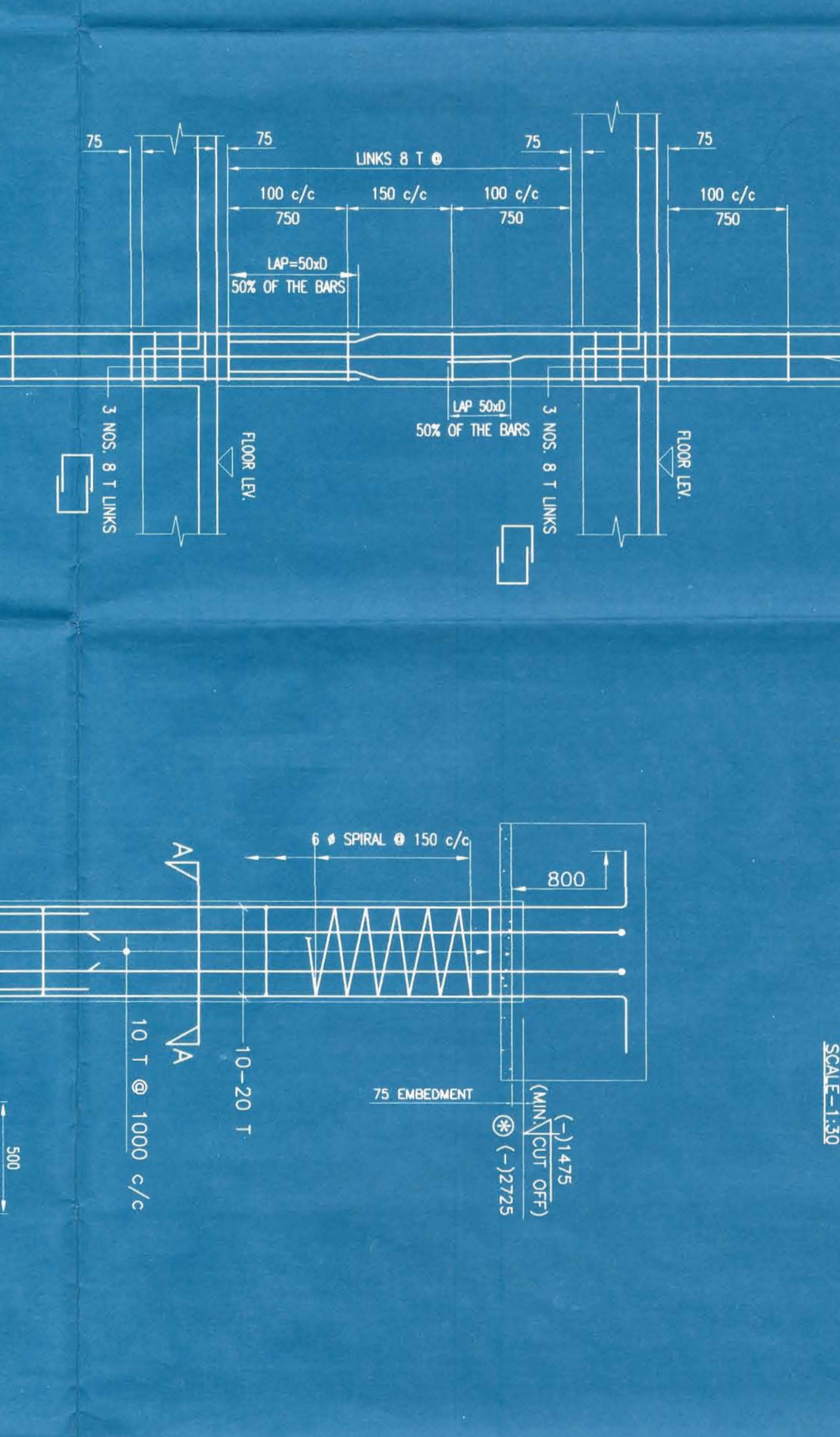
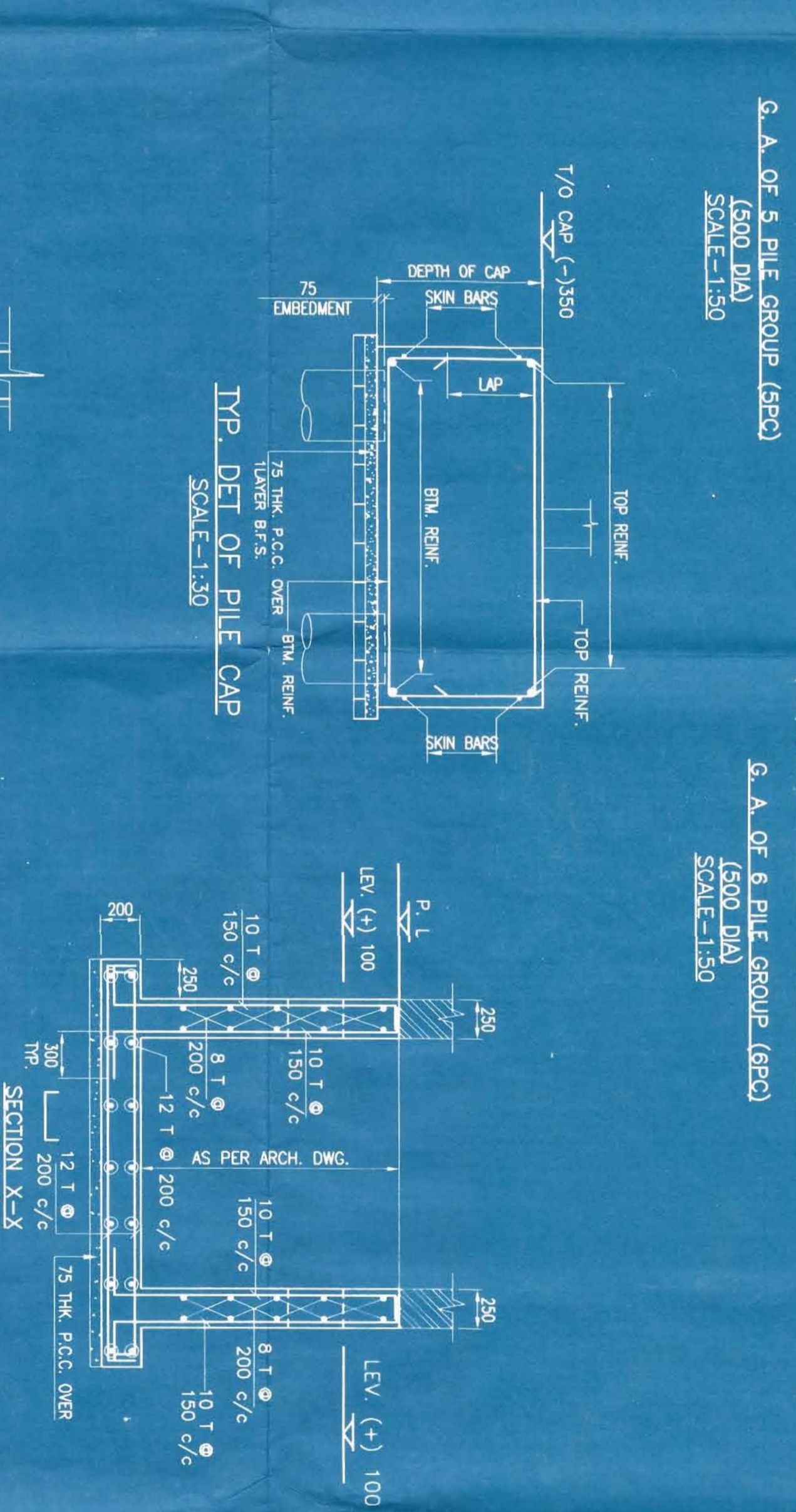
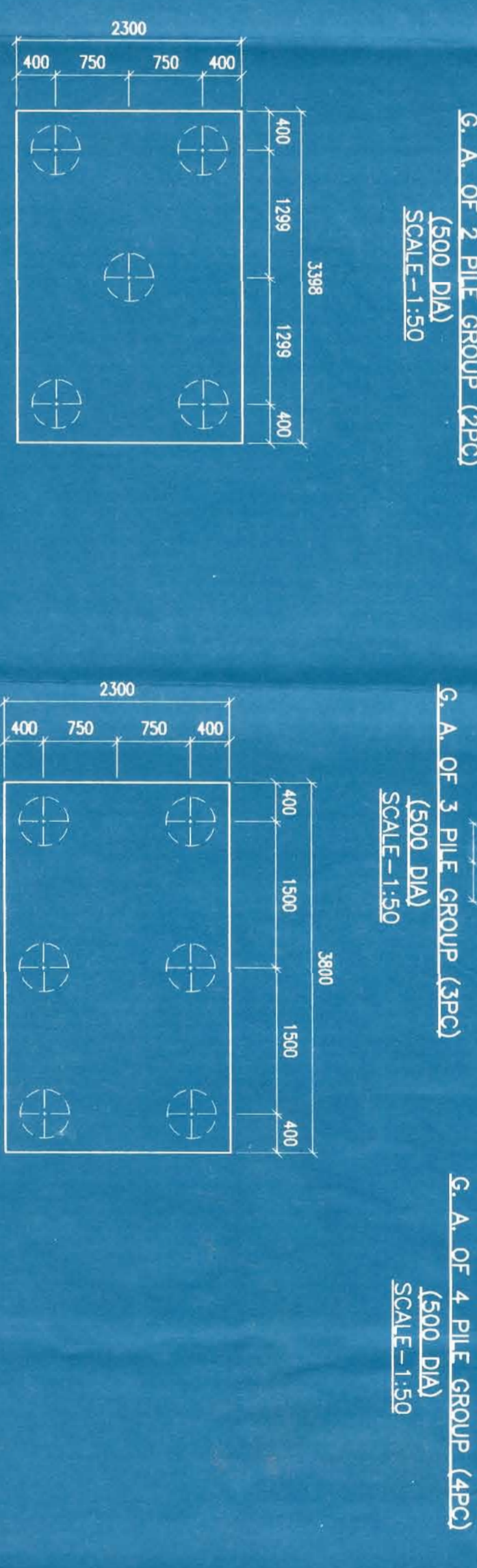
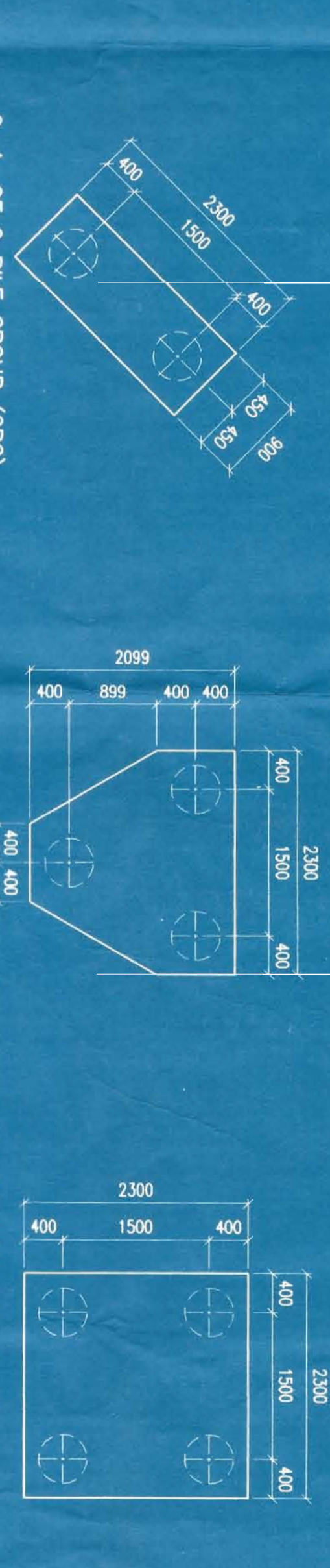


PROJECT -
 PROPOSED G+XII STORED RESIDENTIAL BUILDING AT PRE. NO. 801, P. MAJUMDAR ROAD, KOLKATA 700076, K.S. DARGA NO. 4074/4075 R.S. KHATA NO. 2233, 1082, UNDER MOUZA-KASHA, ALDNO. 13, TOLZONO. 145 BORBORUGH - XII.

- NOTES:
1. THIS DRG. SHALL BE READ IN CONJUNCTION WITH RELEVANT ARCH. DRG.
 2. ALL DIMENSIONS ARE IN MM & LEVELS ARE IN M.M.
 3. UNLESS NOTED OTHERWISE:
 4. GRADE OF CONCRETE SHALL BE M-30 UP TO 7TH FLOOR ABOVE 7TH FLOOR M-25
 5. UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT STEEL SHALL BE OF GRADE Fe-500 CONFORMING TO IS: 1786-1985
 6. SLEEK COERCED TO REINFORCEMENT:-
 - a) PILE CAP = 50 mm
 - b) PILE = 50 mm
 - c) TIEBAM = 40 mm
 - d) COLUMN = 40 mm
 - e) FLOOR BEAM = 25 mm
 - f) FLOOR SLAB = 20 mm
 - g) STAIR CASE WAIST SLAB = 20 mm
 - h) LIFT WALL = 20 mm
 - i) LIFT SHAFT WALL = 20 mm
 - j) LIFT SHAFT FLOOR SLAB = 20 mm
 7. MAX. TYP. P.C.C. SHALL BE 138
 8. SLUMP FOR PILE CONCRETE SHALL BE 150 TO 180
 9. LOAD TEST TO BE CARRIED OUT ON PILE AS PER IS 2911-PART 4
 10. ALL THE PILES SHALL BE BORED CAST IN SITU PILE BY D.M.C. METHOD
 11. GRADE OF CONCRETE SHALL BE W3 (MIN. CEMENT CONTENT IS 400 KG/CM³ AND MAX. WATER CEMENT RATIO IS 0.45)
 12. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE 50 mm (GRADE OF CONCRETE TO BE USED)
 13. GRADE OF CONCRETE TO BE BLOWN SLUMP AFTER WASHING SHALL 11 TO 12



STRUCTURAL DRAWING (SUBSTRUCTURE)
 SCALE - 1:100, 50:20
 SPACE
 500 Ø PILE
 CAPACITY=1000 KN.
 TYP. DET. OF PILE
 SCALE=1:20
 TYP. DET. OF TIE BEAM
 SCALE=1:20
 TYP. DET. OF PILE CAP
 SCALE=1:30
 SECTION A-A
 SCALE=1:30

62570
 9930
 2440
 1560
 9900
 4950
 5250
 1750
 3775
 6000
 5275
 4925
 3025
 1700
 5325
 4925
 6200
 3900
 1450
 3975
 3525
 3700
 1350
 3525
 5300
 1925
 3925
 3450
 5475
 6100
 10300
 5255
 3775
 1750
 5250
 4950
 2260
 1560
 18200
 59940
 12500
 5475
 3600
 3775
 1925
 1775
 3525
 3525
 3300
 1050
 2700
 3525
 3975
 1450
 3900

STRUCTURAL ENGINEERS & SEAL
 KALSIK SENGUPTA
 SIGNATURE OF STRUCTURAL ENGINEER & SEAL

DEBOSH SAHU (CA/8/1238)
 SIGNATURE OF ARCHITECT & SEAL

Signature of Sitee, Reviewer
 BIBEK BIKASH MOLLICK
 E.S.R. - 1775
 POLINA ARCHITECTURAL CORPORATION

THE STRUCTURE HAS BEEN DESIGN FOR (G+XII) STORED RESIDENTIAL BUILDING
 FOUNDATION LAYOUT PLAN
 ALL TIE BEAM (250 X 450)
 SCALE=1:20

ARCHITECTS :
 POLINA ARCHITECTURAL CORPORATION
 101, WEST BANGALORE ROAD,
 5TH FLOOR, COOPERATIVE
 SOCIETY BUILDING,
 KOLKATA-700017

CONTRACTOR :
 POLINA ARCHITECTURAL CORPORATION
 101, WEST BANGALORE ROAD,
 5TH FLOOR, COOPERATIVE
 SOCIETY BUILDING,
 KOLKATA-700017

DATE: 06-01-15
 SHEET - 1 OF 4
 KSG ENGINEERING CONSULTANTS
 51/2 MAHARAJI NAGAR, BRABATI,
 KOLKATA-700051
 PHONE: 266-1804/189

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PARTY'S COPY

Structural plan and design calculation as submitted by the structural engineer have been approved by the Director of the Department of Building, No. 23/14/2012/12, after review of the plans and design calculation without reservation for the purpose of issuing the building permit and the building order. The structural engineer must submit the structural plan and design calculation along with design calculation, 35 sheets of details in the prescribed form, necessary site plan, and other documents as required by the Director of Building during the construction period.

EXECUTIVE ENGINEER/ASST ENGINEER
REGION NO. 12/1

