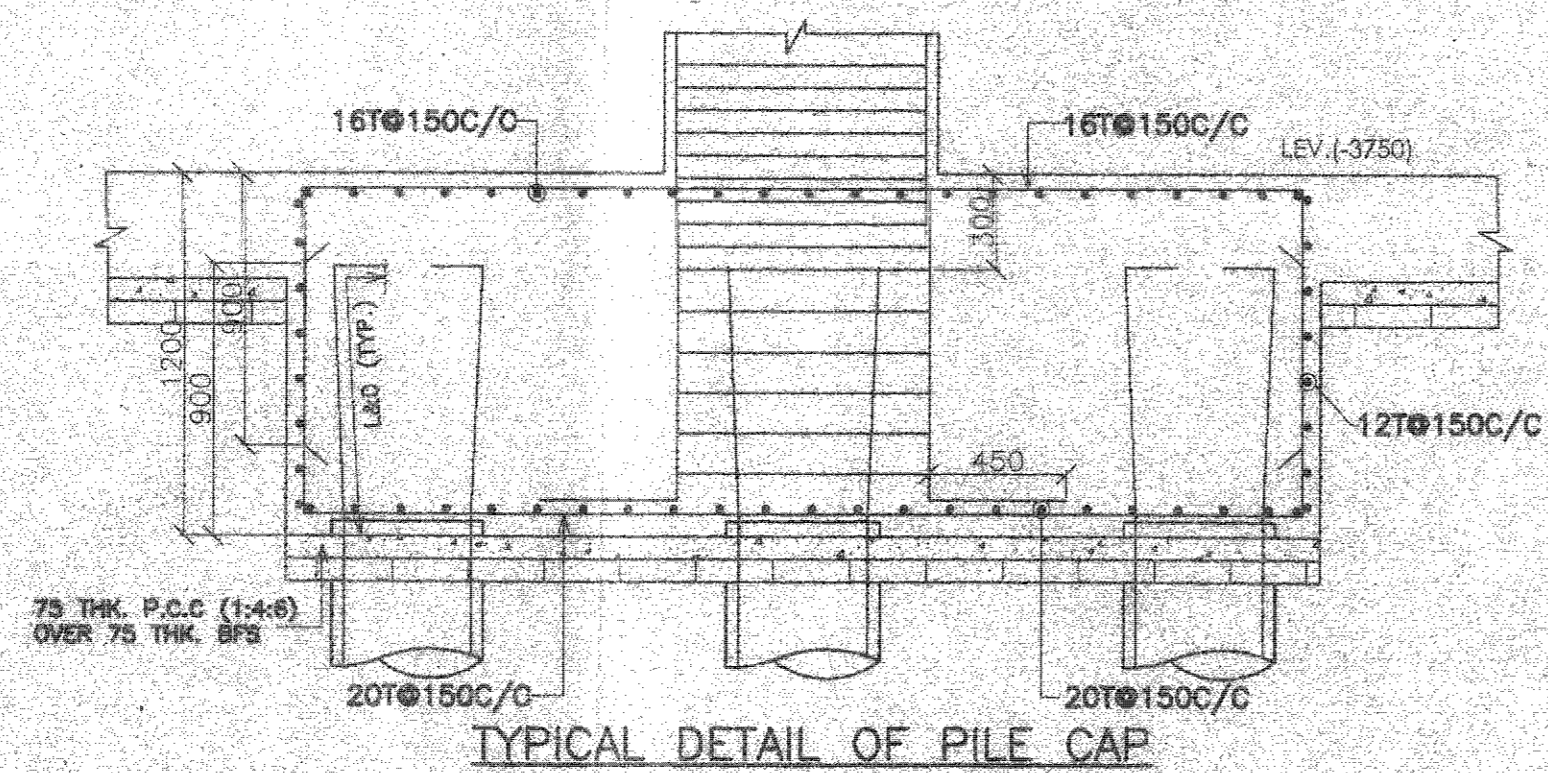


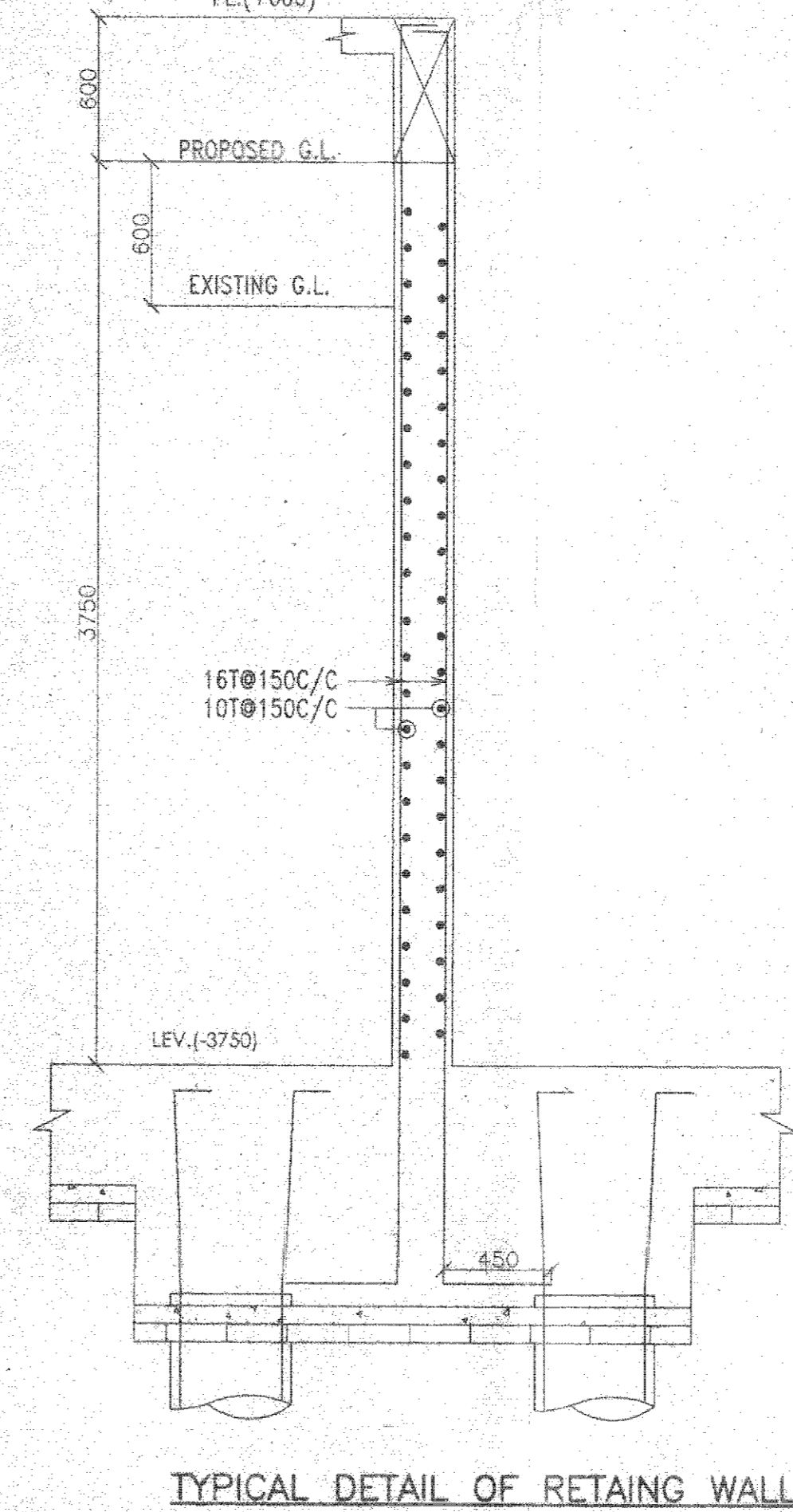
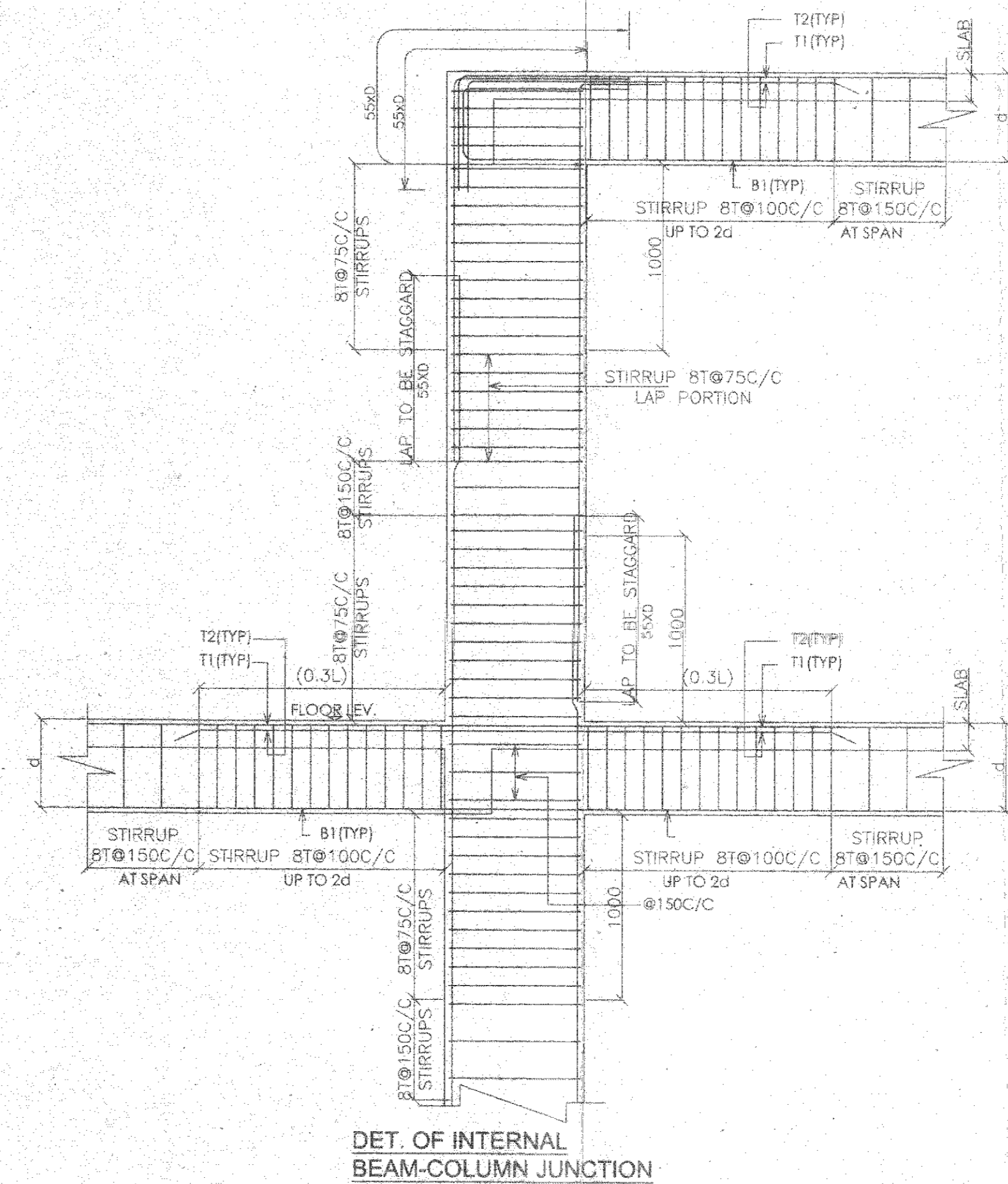
BASEMENT LAYOUT & DETAIL SLAB 250THK (LEV.-3750)

SCHEDULE OF COLUMN

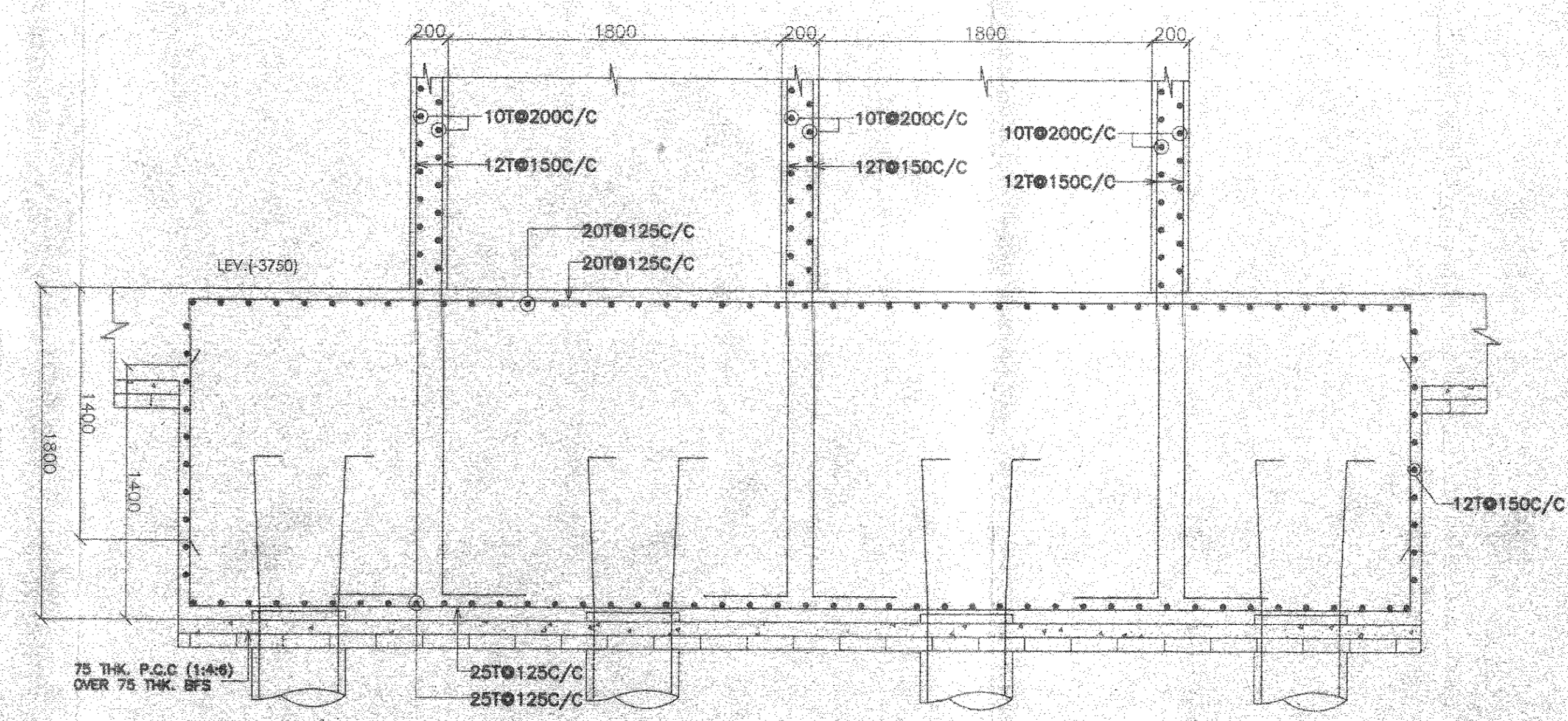
COLUMN	REIN. AND SIZE FND. TO 1ST FL.	REIN. AND SIZE 1ST FL. TO 2ND FL.	REIN. AND SIZE 2ND FL. TO 3RD FL.	REIN. AND SIZE 3RD FL. TO 4TH FL.	REIN. AND SIZE 4TH FL. TO 5TH FL.	REIN. AND SIZE 5TH FL. TO 6TH FL.
C1	250X600 10-20T (BT 2SETS STIRRUPS)	250X600 10-20T (BT 2SETS STIRRUPS)	250X600 8-20T+4-16T (BT 2SETS STIRRUPS)	250X600 8-20T+4-16T (BT 2SETS STIRRUPS)	250X600 4-20T+8-16T (BT 2SETS STIRRUPS)	250X600 10-16T (BT 2SETS STIRRUPS)
C2,C7	300X600 12-20T (BT 3SETS STIRRUPS)	300X600 12-20T (BT 3SETS STIRRUPS)	300X600 8-20T+4-16T (BT 3SETS STIRRUPS)	300X600 8-20T+4-16T (BT 3SETS STIRRUPS)	300X600 4-20T+8-16T (BT 3SETS STIRRUPS)	300X600 12-16T (BT 3SETS STIRRUPS)
C3,C4	300X750 12-20T (BT 3SETS STIRRUPS)	300X750 12-20T (BT 3SETS STIRRUPS)	300X750 8-20T+4-16T (BT 3SETS STIRRUPS)	300X750 8-20T+4-16T (BT 3SETS STIRRUPS)	300X750 4-20T+8-16T (BT 3SETS STIRRUPS)	300X750 12-16T (BT 3SETS STIRRUPS)
C5	300X750 12-25T (BT 3SETS STIRRUPS)	300X750 12-25T (BT 3SETS STIRRUPS)	300X750 8-25T+4-20T (BT 3SETS STIRRUPS)	300X750 8-25T+4-20T (BT 3SETS STIRRUPS)	300X750 4-25T+8-20T (BT 3SETS STIRRUPS)	300X750 12-20T (BT 3SETS STIRRUPS)
C6,C18	300X600 12-25T (BT 3SETS STIRRUPS)	300X600 12-25T (BT 3SETS STIRRUPS)	300X600 8-25T+4-20T (BT 3SETS STIRRUPS)	300X600 8-25T+4-20T (BT 3SETS STIRRUPS)	300X600 4-25T+8-20T (BT 3SETS STIRRUPS)	300X600 12-20T (BT 3SETS STIRRUPS)
C8	(400X900) 4-32T+12-25T (BT 4SETS STIRRUPS)	(400X900) 4-32T+12-25T (BT 4SETS STIRRUPS)	(400X900) 4-32T+12-25T (BT 4SETS STIRRUPS)	(400X900) 4-32T+12-25T (BT 4SETS STIRRUPS)	(400X900) 16-25T (BT 4SETS STIRRUPS)	(400X900) 12-25T+4-20T (BT 4SETS STIRRUPS)
C9,C10	300X600 12-20T (BT 3SETS STIRRUPS)	300X600 12-20T (BT 3SETS STIRRUPS)	300X600 8-20T+4-16T (BT 3SETS STIRRUPS)	300X600 8-20T+4-16T (BT 3SETS STIRRUPS)	300X600 4-20T+8-16T (BT 3SETS STIRRUPS)	300X600 12-16T (BT 3SETS STIRRUPS)
C11	400X750 4-25T+8-20T (BT 3SETS STIRRUPS)	400X750 4-25T+8-20T (BT 3SETS STIRRUPS)	400X750 4-25T+8-20T (BT 3SETS STIRRUPS)	400X750 4-25T+8-20T (BT 3SETS STIRRUPS)	400X750 8-20T+4-16T (BT 3SETS STIRRUPS)	400X750 4-20T+8-16T (BT 3SETS STIRRUPS)
C12,C16	(400X900) 16-32T (BT 4SETS STIRRUPS)	(400X900) 16-32T (BT 4SETS STIRRUPS)	(400X900) 16-32T (BT 4SETS STIRRUPS)	(400X900) 12-32T+4-25T (BT 4SETS STIRRUPS)	(400X900) 8-32T+8-25T (BT 4SETS STIRRUPS)	(400X900) 4-32T+12-25T (BT 4SETS STIRRUPS)
C14,C20	(300X900) 16-25T (BT 4SETS STIRRUPS)	(300X900) 16-25T (BT 4SETS STIRRUPS)	(300X900) 12-25T+4-20T (BT 4SETS STIRRUPS)	(300X900) 12-25T+4-20T (BT 4SETS STIRRUPS)	(300X900) 4-25T+12-20T (BT 4SETS STIRRUPS)	(300X900) 16-20T (BT 4SETS STIRRUPS)
C15	300X750 4-25T+8-20T (BT 3SETS STIRRUPS)	300X750 4-25T+8-20T (BT 3SETS STIRRUPS)	300X750 4-25T+8-20T (BT 3SETS STIRRUPS)	300X750 4-25T+8-20T (BT 3SETS STIRRUPS)	300X750 8-20T+4-16T (BT 3SETS STIRRUPS)	300X750 4-20T+8-16T (BT 3SETS STIRRUPS)
C17	(400X900) 12-25T (BT 3SETS STIRRUPS)	(400X900) 12-25T (BT 3SETS STIRRUPS)	(400X900) 12-25T (BT 3SETS STIRRUPS)	(400X900) 8-25T+4-20T (BT 3SETS STIRRUPS)	(400X900) 4-25T+12-20T (BT 3SETS STIRRUPS)	(400X900) 12-20T (BT 3SETS STIRRUPS)
C19	300X750 16-25T (BT 4SETS STIRRUPS)	300X750 16-25T (BT 4SETS STIRRUPS)	300X750 16-25T (BT 4SETS STIRRUPS)	300X750 8-25T+8-20T (BT 4SETS STIRRUPS)	300X750 4-25T+12-20T (BT 4SETS STIRRUPS)	300X750 16-20T (BT 4SETS STIRRUPS)
C21	300X600 8-25T+4-20T (BT 3 SETS STIRRUPS)	300X600 8-25T+4-20T (BT 3 SETS STIRRUPS)	300X600 4-25T+8-20T (BT 3 SETS STIRRUPS)	300X600 4-25T+8-20T (BT 3 SETS STIRRUPS)	300X600 12-20T (BT 3 SETS STIRRUPS)	300X600 8-20T+4-16T (BT 3 SETS STIRRUPS)
C22,C23	300X750 8-25T+8-20T (BT 4SETS STIRRUPS)	300X750 8-25T+8-20T (BT 4SETS STIRRUPS)	300X750 4-25T+12-20T (BT 4SETS STIRRUPS)	300X750 4-25T+12-20T (BT 4SETS STIRRUPS)	300X750 16-20T (BT 4SETS STIRRUPS)	300X750 8-20T+8-16T (BT 4SETS STIRRUPS)
C24	(400X750) 12-25T (BT 3SETS STIRRUPS)	(400X750) 12-25T (BT 3SETS STIRRUPS)	(400X750) 8-25T+4-20T (BT 3SETS STIRRUPS)	(400X750) 8-25T+4-20T (BT 3SETS STIRRUPS)	(400X750) 12-20T (BT 3SETS STIRRUPS)	(400X750) 8-20T+4-16T (BT 3SETS STIRRUPS)
C25	(400X900) 8-32T+8-25T (BT 4SETS STIRRUPS)	(400X900) 8-32T+8-25T (BT 4SETS STIRRUPS)	(400X900) 4-32T+12-25T (BT 4SETS STIRRUPS)	(400X900) 4-32T+12-25T (BT 4SETS STIRRUPS)	(400X900) 16-25T (BT 4SETS STIRRUPS)	(400X900) 4-25T+12-20T (BT 4SETS STIRRUPS)
C26,C29,C32	(400X900) 16-25T (BT 4SETS STIRRUPS)	(400X900) 16-25T (BT 4SETS STIRRUPS)	(400X900) 8-25T+8-20T (BT 4SETS STIRRUPS)	(400X900) 4-25T+12-20T (BT 4SETS STIRRUPS)	(400X900) 16-20T (BT 4SETS STIRRUPS)	(400X900) 8-20T+8-16T (BT 4SETS STIRRUPS)
C27,C30	(400X750) 4-25T+8-20T (BT 3SETS STIRRUPS)	(400X750) 4-25T+8-20T (BT 3SETS STIRRUPS)	(400X750) 12-20T (BT 3SETS STIRRUPS)	(400X750) 8-20T+4-16T (BT 3SETS STIRRUPS)	(400X750) 4-20T+8-16T (BT 3SETS STIRRUPS)	(400X750) 12-16T (BT 3SETS STIRRUPS)
C28,C31	(400X900) 8-32T+8-25T (BT 4SETS STIRRUPS)	(400X900) 8-32T+8-25T (BT 4SETS STIRRUPS)	(400X900) 4-32T+12-25T (BT 4SETS STIRRUPS)	(400X900) 4-32T+12-25T (BT 4SETS STIRRUPS)	(400X900) 16-25T (BT 4SETS STIRRUPS)	(400X900) 4-25T+12-20T (BT 4SETS STIRRUPS)
C33	(400X750) 12-20T (BT 3SETS STIRRUPS)	(400X750) 12-20T (BT 3SETS STIRRUPS)	(400X750) 8-20T+4-16T (BT 3SETS STIRRUPS)	(400X750) 8-20T+4-16T (BT 3SETS STIRRUPS)	(400X750) 4-20T+8-16T (BT 3SETS STIRRUPS)	(400X750) 12-16T (BT 3SETS STIRRUPS)
C34	(400X750) 8-25T+8-20T (BT 4SETS STIRRUPS)	(400X750) 8-25T+8-20T (BT 4SETS STIRRUPS)	(400X750) 4-25T+12-20T (BT 4SETS STIRRUPS)	(400X750) 4-25T+12-20T (BT 4SETS STIRRUPS)	(400X750) 16-20T (BT 4SETS STIRRUPS)	(400X750) 8-20T+8-16T (BT 4SETS STIRRUPS)
C35	(300X750) 12-25T (BT 3SETS STIRRUPS)	(300X750) 12-25T (BT 3SETS STIRRUPS)	(300X750) 12-25T (BT 3SETS STIRRUPS)	(300X750) 12-25T (BT 3SETS STIRRUPS)	(300X750) 12-25T (BT 3SETS STIRRUPS)	(300X750) 12-25T (BT 3SETS STIRRUPS)
CONC. GRADE-	M40					
STIRRUP	BT					



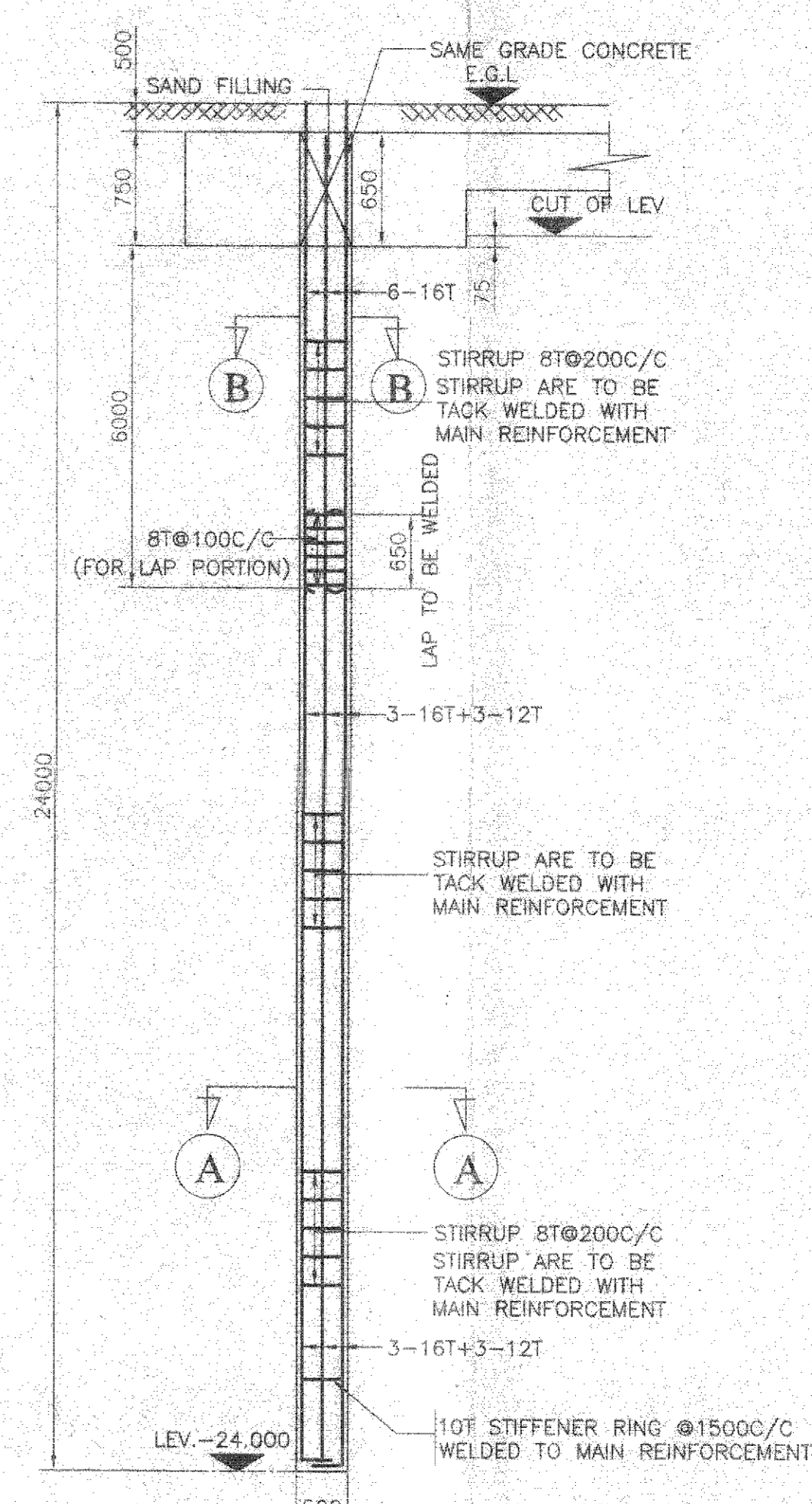
TYPICAL DETAIL OF PILE CAP



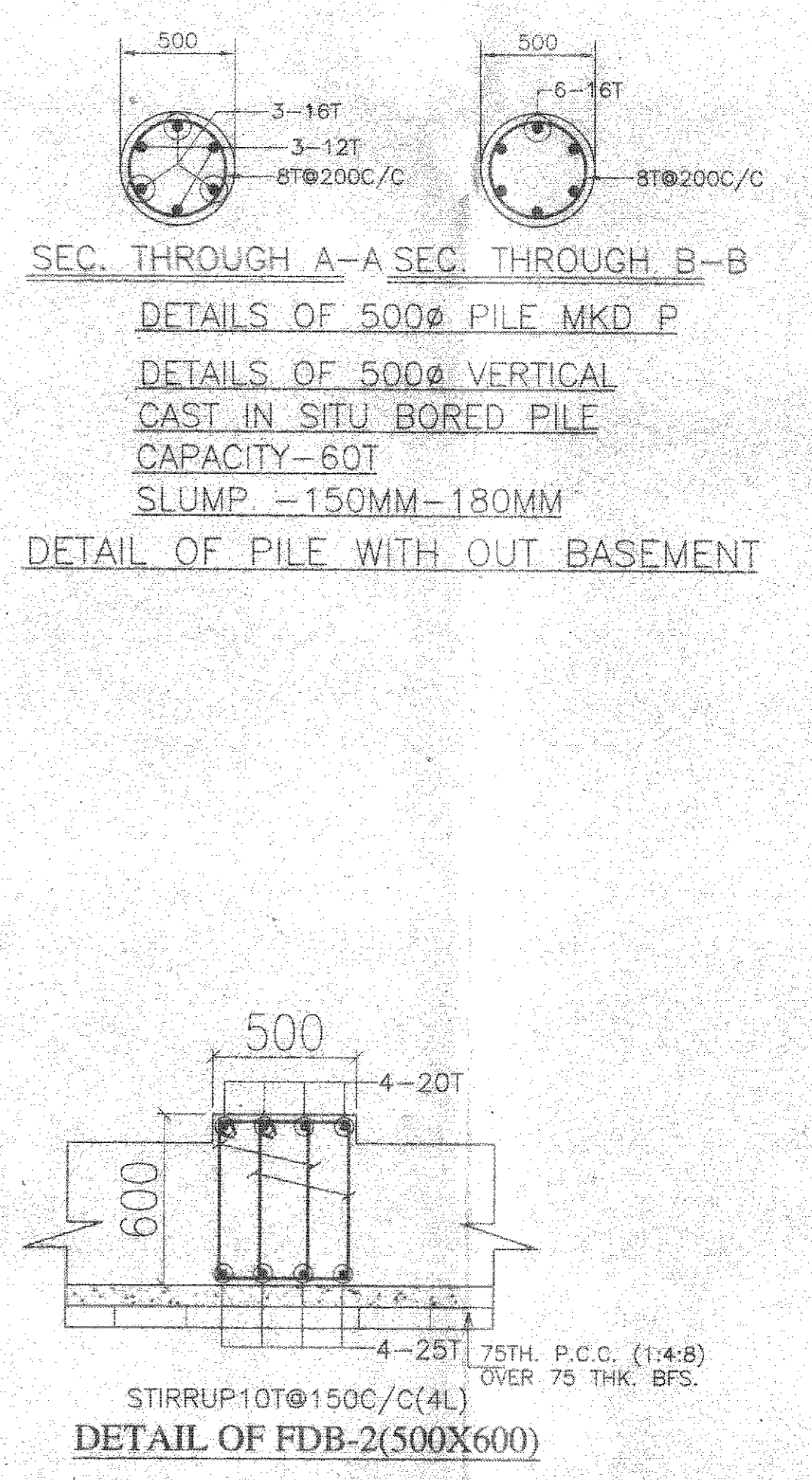
TYPICAL DETAIL OF RETAINING WALL



TYPICAL DETAIL OF LIFT



R.C. DETAIL OF TB-1 (250x500)



SEC. THROUGH A-A SEC. THROUGH B-B
DETAILS OF 500mm VERTICAL CAST IN SITU BORED PILE
CAPACITY-60T
SLUMP-150MM-180MM
DETAIL OF PILE WITH OUT BASEMENT
STIRRUP 10T@150C/C(4L)
DETAIL OF FDB-2(500X600)

PROJECT
PLAN PROPOSAL U/R - 142 OF KMC BUILDING RULE 2009 FOR CONSTRUCTION OF A B-G-V STORIED COMMERCIAL BUILDING AT PRE. NO - 149, MAHATMA GANDHI ROAD, KOLKATA - 700007.

WARD - 43 ROUGH - V

TITLE
BASEMENT LAYOUT & DETAILS, COLUMN SCHEDULE, TYPICAL DETAIL OF PILE CAP & RETAINING WALL, TYPICAL DETAIL OF THE BEAM FOUNDATION BEAM

1. ALL DIMENSIONS ARE IN MM EXCEPT NOTED.
2. GRADE OF CONCRETE M40
3. GRADE OF STEEL Fe600

For Zircon Designers Pvt. Ltd.
Architect: *Uma Jyoti*
1) Consultant: Zircon Designers Pvt. Ltd.
2) Bhabhane Engineering Pvt. Ltd.
SIGNATURE OF OWNER & SEAL

ARCHITECT'S CERTIFICATE
THE PLOT HAS BEEN INSPECTED BY ME AND ON THAT BASIS I DO CERTIFY WITH FULL RESPONSIBILITY THAT THE PROPOSED BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF K.M.C. BUILDING RULE 2009 AS AMENDED FROM TIME TO TIME IN COMPLIANCE WITH RULE 142 OF KMC B/R 2009. THE PLOT IS DEMARCATED BY BOUNDARY WALL ON ALL SIDES. THE SITE PLAN AND LOCATION PLAN CONFIRMS THE SITE.

Debatoosh Sahu
Architect + Urban Designer
MARCH, F&A, FUD, AND.
Reg. No. CA/UR/12368
DEBATOOSH SAHU (P/287/2388)
SIGNATURE OF ARCHITECT & SEAL

STRUCTURAL ENGINEER'S CERTIFICATE
THE STRUCTURAL DESIGN AND DRAWINGS OF BOTH FOUNDATION & SUPERSTRUCTURE 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 RESPECTS.

Bibek Birash Mullick
BIBEK BIRASH MULLICK
E.S.E. - 1/75
KOLKATA MUNICIPAL CORPORATION
REG. NO. K.M.C./12368
SIGNATURE OF STRUCTURAL ENGINEER & SEAL

Koushik Sengupta
KOUSHIK SENGUPTA
E.S.E. (M.A. STRUCTURE)
STRUCTURAL REVIEWER (M.M.C.)
E.S.E. - 1/75/2
SIGNATURE OF STRUCTURAL REVIEWER & SEAL

DESIGNED: *RP* DATE: 11/01/2015
CHECKED: *PJP* DATE: 30/10/2015
SCALE: 1:100 (PLAN)
SCALE: 1:20 (SECTION)

STRUCTURAL CONSULTANT
P. M. CONSULTANT
55A, DR. SARAT BANERJEE ROAD, KOL - 79
PHONE - 9830461784,
E-MAIL - p.m.consultant@gmail.com

ARCHITECT
ESPACE
KOLKATA
55A, DR. SARAT BANERJEE ROAD, KOLKATA - 700007
PHONE: 91-33-2653-4130 / 4159
E-MAIL: espaceindia@gmail.com
WEBSITE: www.espaceindia.com