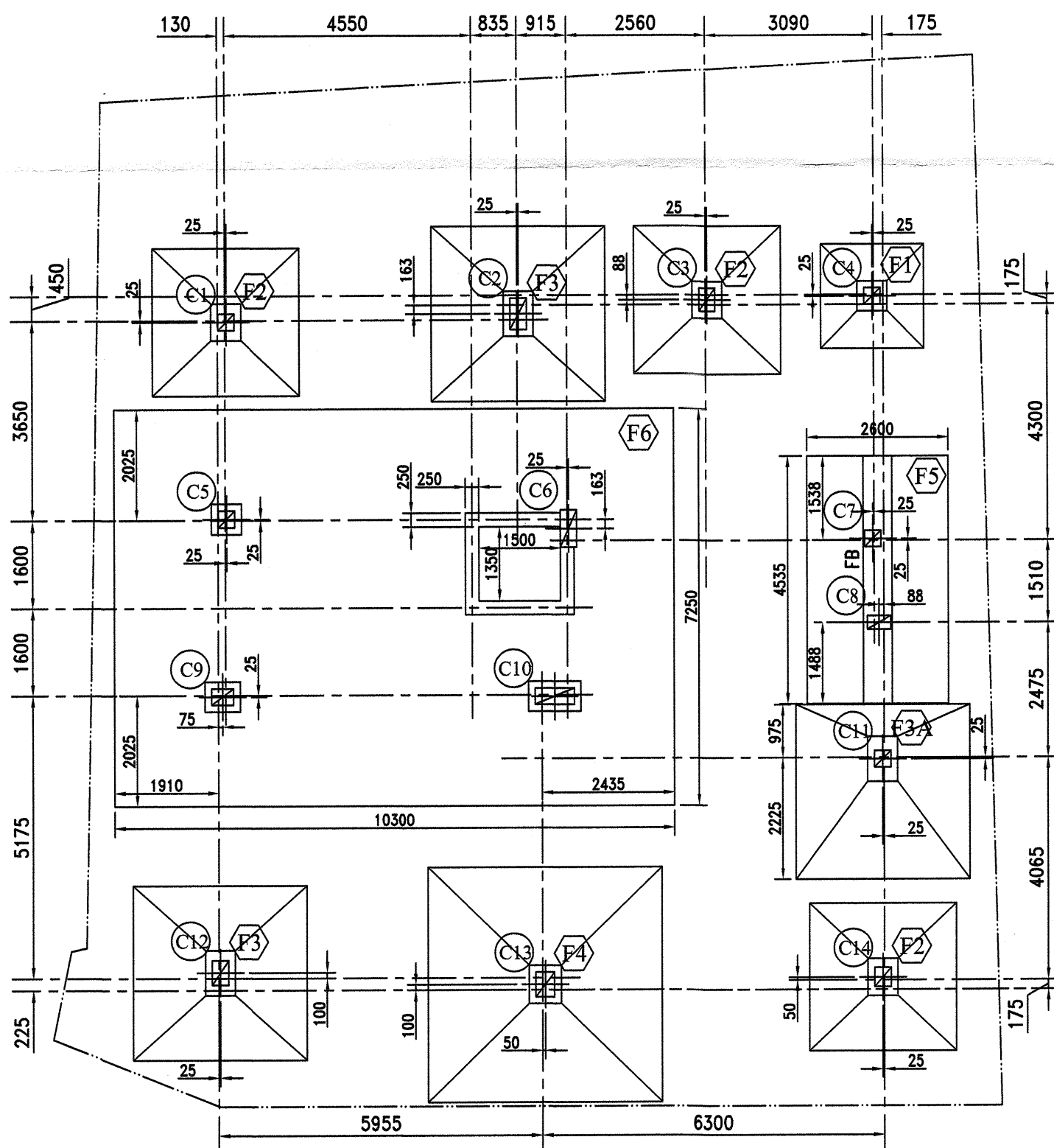
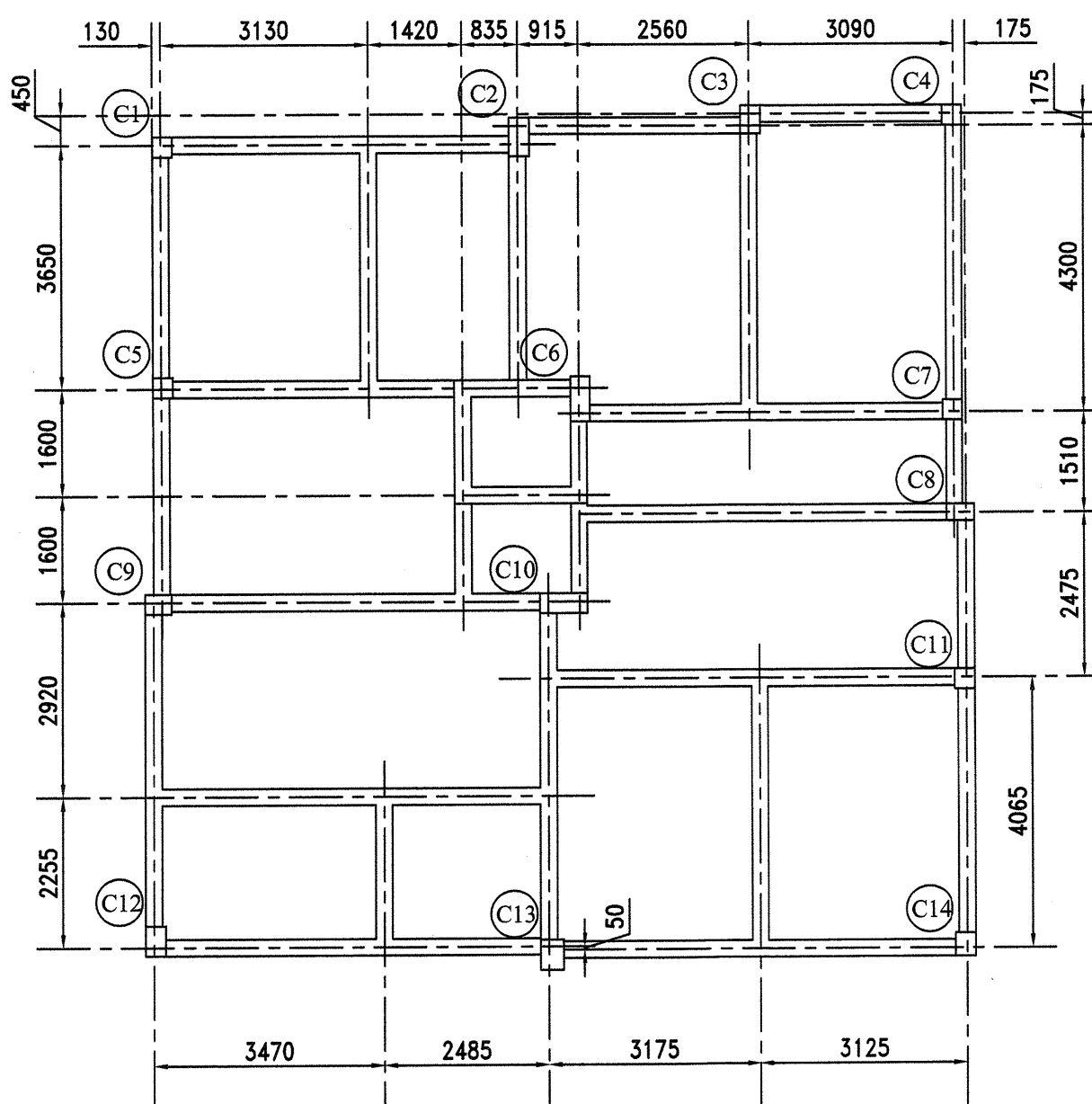


SCHEDULE OF COLUMN [vertical rebars equally distributed in four side]								
COLUMN MKD.	COLUMN SIZE	REINFORCEMENT (UPTO 68 FL. ROOF + 800 MM)	REINFORCEMENT (UPTO 18 FL. ROOF + 800 MM)	REINFORCEMENT (UPTO 28 FL. ROOF + 800 MM)	REINFORCEMENT (UPTO 38 FL. ROOF + 800 MM)	REINFORCEMENT (UPTO 48 FL. ROOF + 800 MM)	REINFORCEMENT (UPTO 58 FL. ROOF + 800 MM)	LINKS
C1	300X300	8-16	8-16	8-16	8-16	8-16		8 ϕ 130 C/C(3T)
C2	300X575	8-16	8-16	8-16	8-16	8-16		8 ϕ 130 C/C(3T)
C3	300X425	4-16 + 4-12	4-16 + 4-12	4-16 + 4-12	4-16 + 4-12	4-16 + 4-12		8 ϕ 130 C/C(3T)
C4	300X300	4-16	4-16	4-16	4-16	4-16		8 ϕ 130 C/C(1T)
C5	300X300	4-20 + 4-16	8-16	8-16	8-16	8-16	8-16	8 ϕ 130 C/C(3T)
C6	300X675	8-20	8-20	8-16	8-16	8-16	8-16	8 ϕ 130 C/C(3T)
C7	300X300	4-20 + 4-16	4-20 + 4-16	4-20 + 4-16	4-20 + 4-16	4-20 + 4-16		8 ϕ 130 C/C(3T)
C8	250X425	4-16 + 4-12	4-16 + 4-12	4-16 + 4-12	4-16 + 4-12	4-16 + 4-12		8 ϕ 130 C/C(3T)
C9	300X400	8-20	8-20	4-20 + 4-16	4-20 + 4-16	4-20 + 4-16	4-20 + 4-16	8 ϕ 130 C/C(3T)
C10	300X725	4-20 + 4-16	4-20 + 4-16	4-20 + 4-16	4-20 + 4-16	4-20 + 4-16	4-20 + 4-16	8 ϕ 130 C/C(3T)
C11	300X300	8-20	8-20	8-20	4-20 + 4-16	4-20 + 4-16		8 ϕ 130 C/C(3T)
C12	300X450	8-20	8-20	8-20	4-20 + 4-16	4-20 + 4-16		8 ϕ 130 C/C(3T)
C13	350X450	12-20	12-20	12-20	12-16	12-16		8 ϕ 130 C/C(5T)
C14	300X350	8-16	8-16	8-16	8-16	8-16		8 ϕ 130 C/C(3T)
SC1	250X300						4-16	8 ϕ 130 C/C(1T)
SC1	250X300						4-16 + 4-12	8 ϕ 130 C/C(3T)

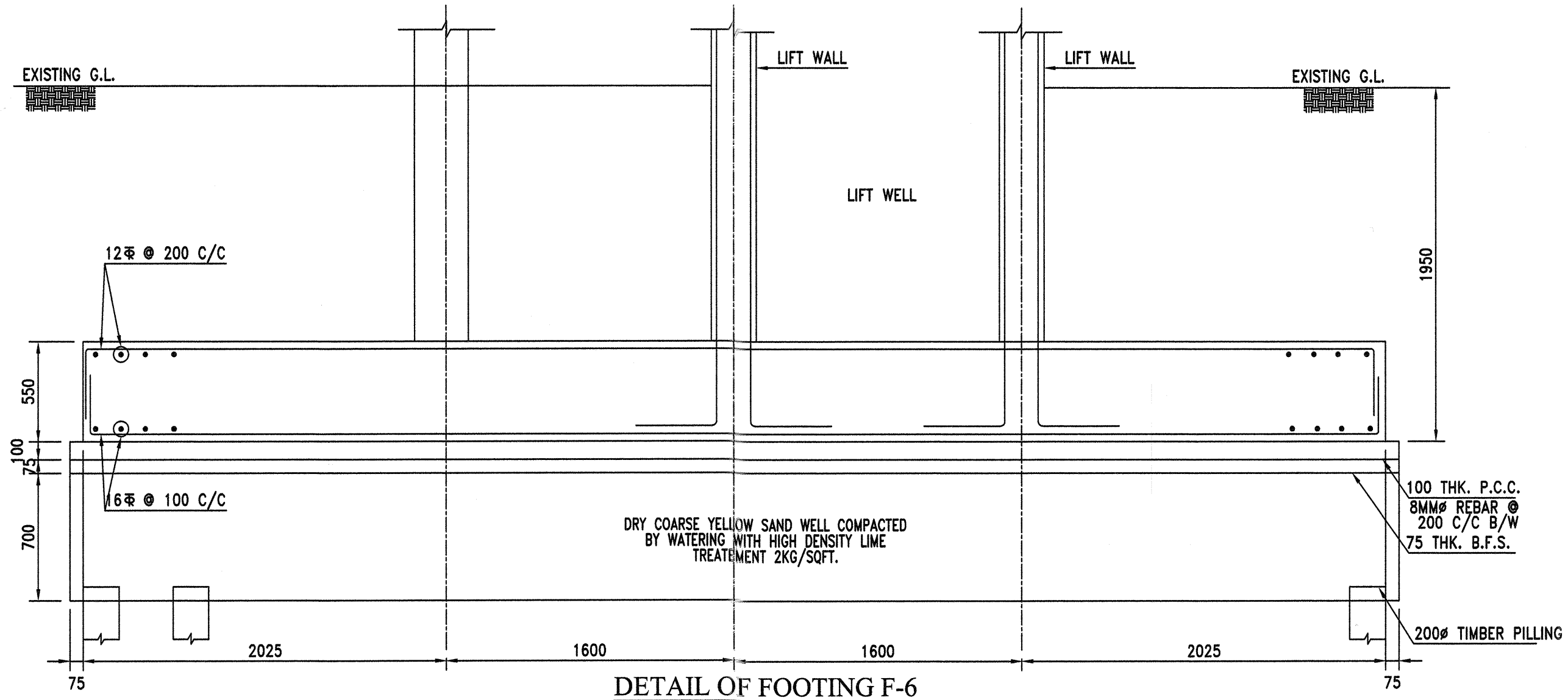
SCHEDULE OF ISOLATED & COMBINED FOOTING											
FOOTING MKD. (COLUMN MKD.)	FOOTING SIZE							REINFORCEMENT			200 ϕ TIMBER PILLING DRIVEN UPTO 5.0M DEPTH
	A	B	C	D	E	F	G	ALONG LONGER SIDE	ALONG SHORTER SIDE	EXTRA TOP	
F1(C4)	1900	1900	550	550	325	325	875	12 ϕ ϕ 225 C/C	12 ϕ ϕ 225 C/C		ϕ 500 C/C B/W
F2(C1,C3,C14)	2700	2700	550	675	250	475	725	12 ϕ ϕ 160 C/C	12 ϕ ϕ 160 C/C		ϕ 500 C/C B/W
F3(C2,C12)	3200	3200	550	825	250	575	625	12 ϕ ϕ 150 C/C	12 ϕ ϕ 150 C/C		ϕ 500 C/C B/W
F3A(C11)	3200	3200	550	550	300	625	575	12 ϕ ϕ 125 C/C	12 ϕ ϕ 125 C/C	12 ϕ ϕ 150 C/C B/W EACH COL.(1.2X1.2)	ϕ 500 C/C B/W
F4(C13)	4300	4300	600	700	350	675	525	12 ϕ ϕ 100 C/C	12 ϕ ϕ 100 C/C		ϕ 500 C/C B/W
F5(C7,C8)	2600	4535	-	-	425	425	775	12 ϕ ϕ 100 C/C	12 ϕ ϕ 100 C/C		ϕ 500 C/C B/W
F6(C5,C6,C9,C10)	10300	7250	-	-	550	550	1400	16 ϕ ϕ 100 C/C(BOT) 12 ϕ ϕ 200 C/C(TOP)	16 ϕ ϕ 100 C/C(BOT) 12 ϕ ϕ 200 C/C(TOP)		ϕ 500 C/C B/W



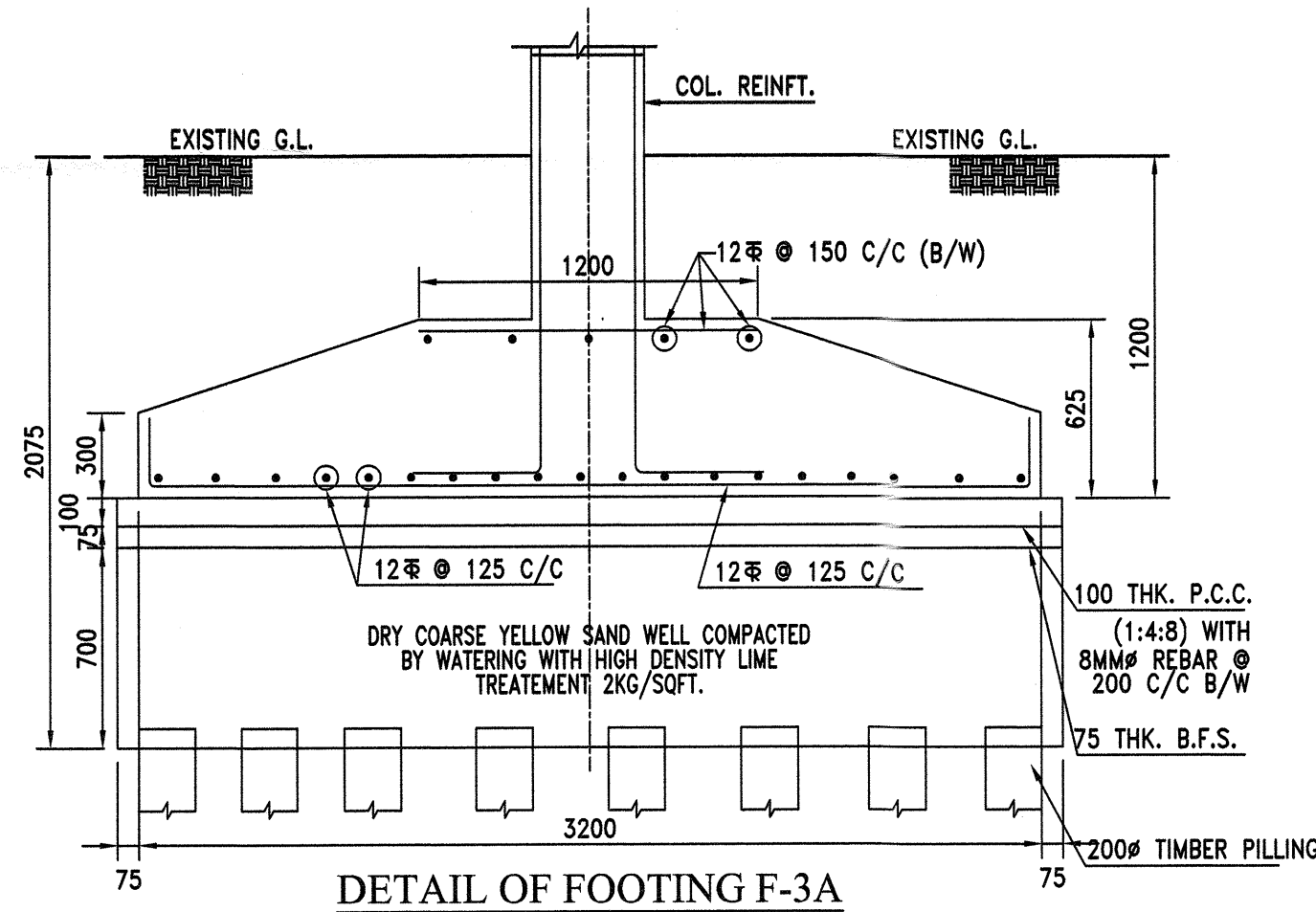
FOUNDATION LAYOUT PLAN



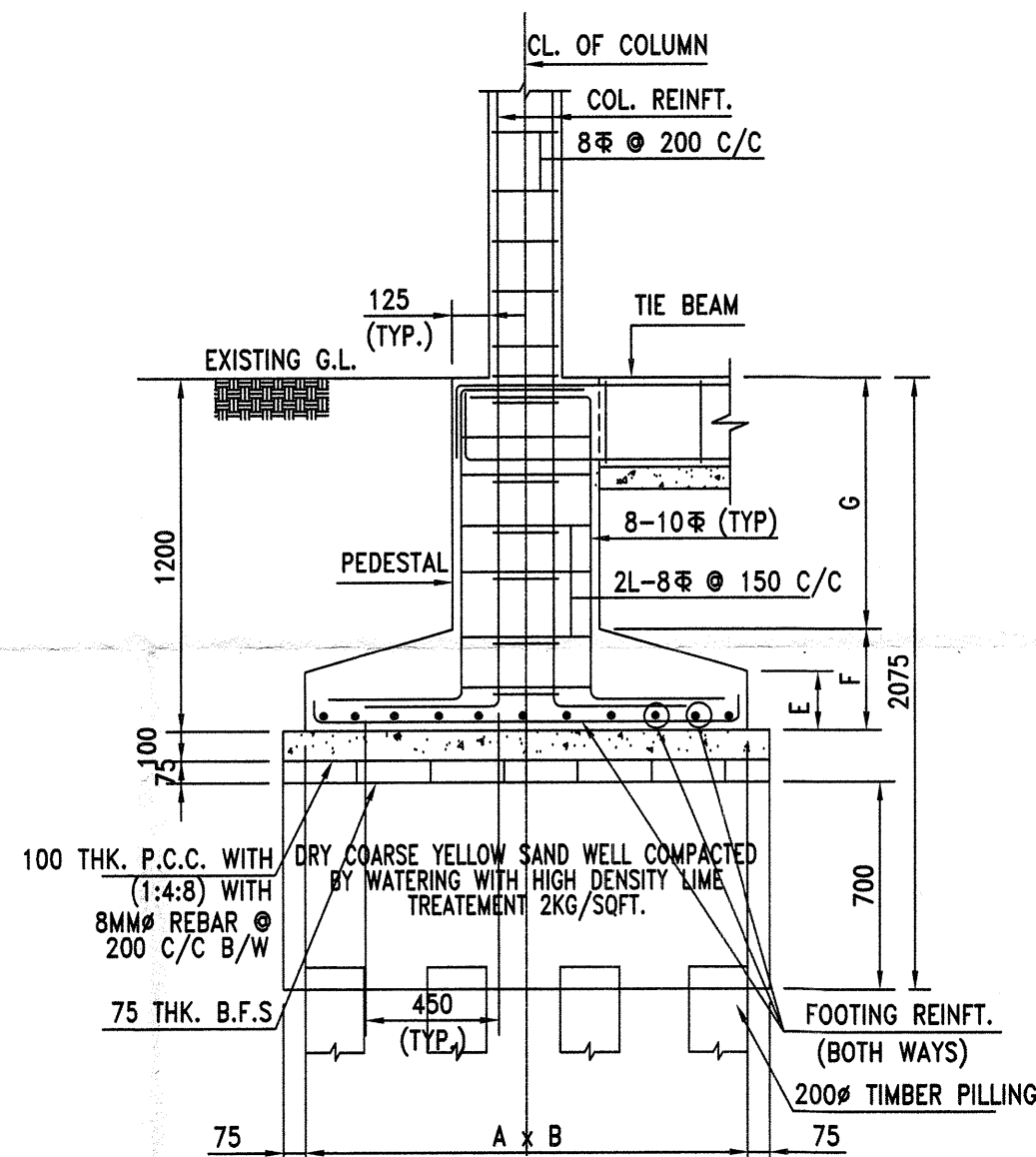
LAYOUT PLAN OF TIE BEAM



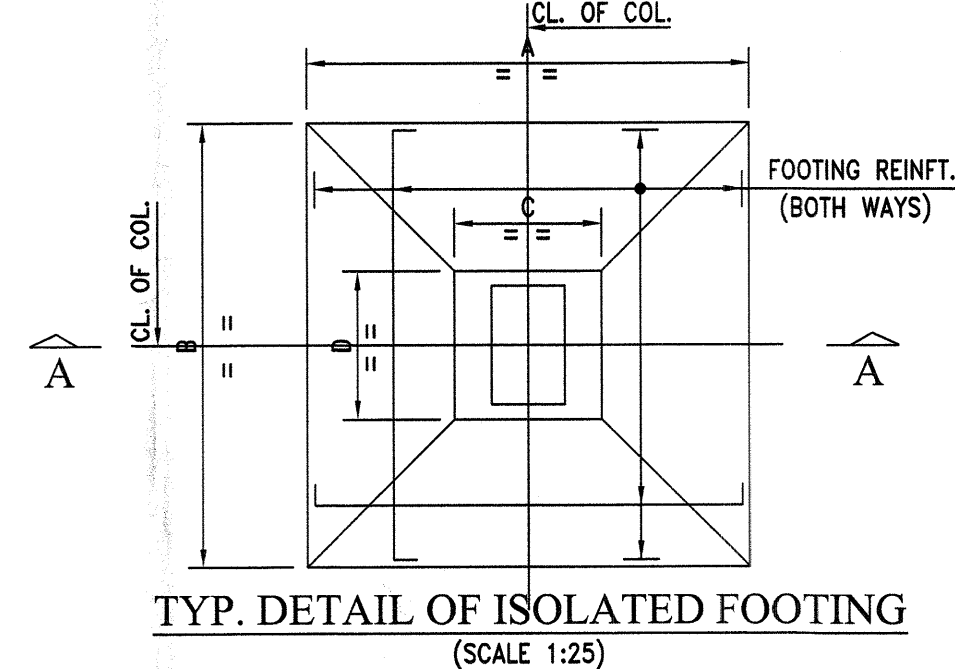
DETAIL OF FOOTING F-6



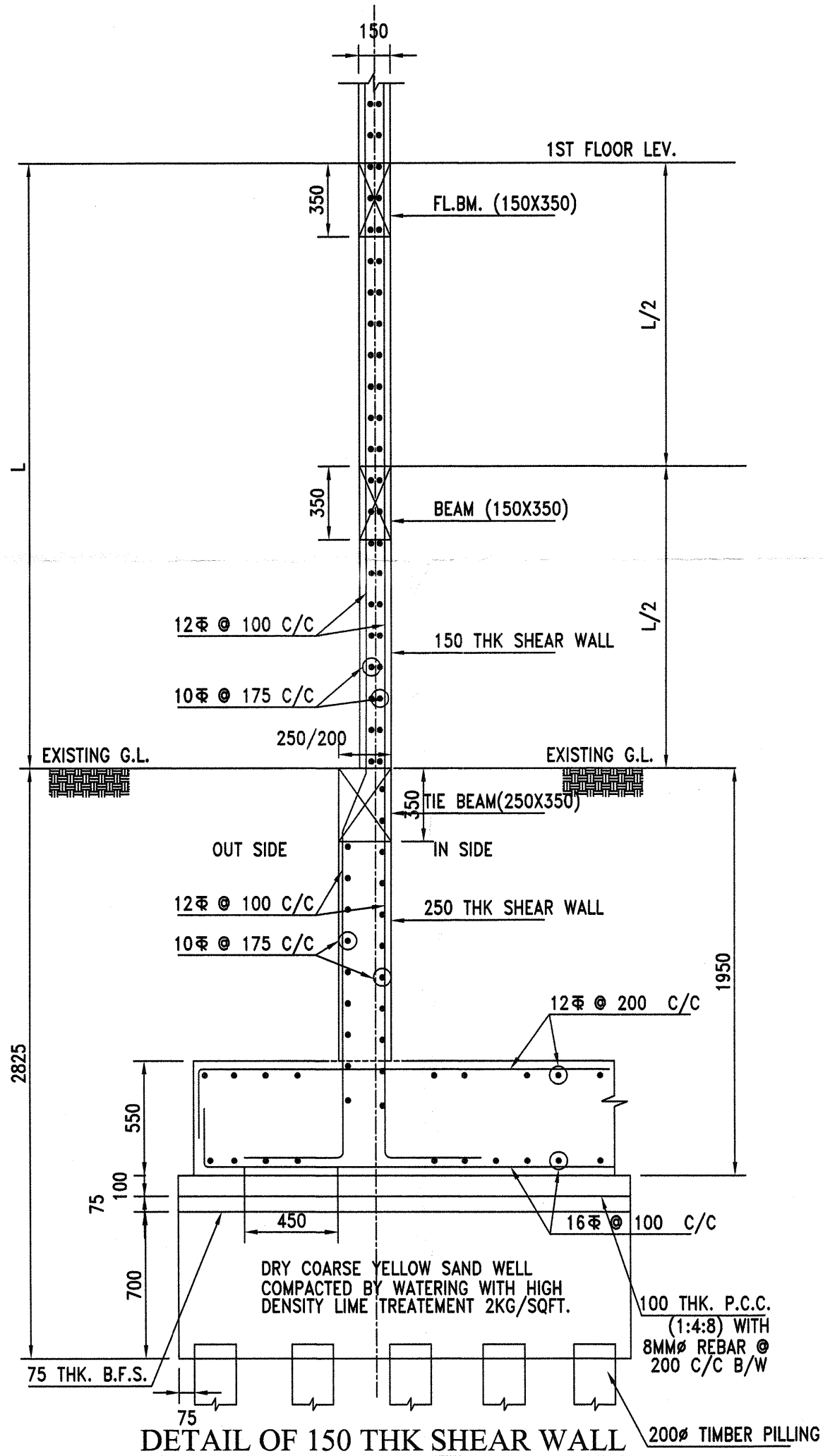
DETAIL OF FOOTING F-3A



SECTION A-A



TYP. DETAIL OF ISOLATED FOOTING
(SCALE 1:25)



DETAIL OF 150 THK SHEAR WALL

STRUCTURAL DRAWING OF (G + 4) STOREYED
RESIDENTIAL BUILDING OF PARTHA SARATHI
MAZUMDER & RANA MAZUMDER NO. 852; L.R. DAG NO. 877; R.S. KHAHAN NO. 4772, 4773; MURBOALIA ROAD; P.S.- NARENDRA PARGANAS (SOUTH), UNDER RAJAPUR MUNICIPALITY,
VIDE SANCTIONED PLAN NO. 66/CB/09/25 AND DATED 29/09/2020

SCALE - 1:100,25	DEALT.-
DATE-	DRG.NO. - AM/01 SHEET.NO. - 1 OF 2

- NOTES/SPECIFICATIONS :-
- ALL DIMENSIONS ARE IN MILLIMETRE UNLESS OTHERWISE MENTIONED.
 - ALL EXTERNAL WALLS ARE 200 MM THK. MADE BY AAC BLOCK ONLY.
 - ALL INTERNAL WALLS ARE 100 MM THK. MADE BY AAC BLOCK ONLY.
 - AAC BLOCK MASONRY HAS TO FOLLOW BIS 6041 CODE.
 - CONFIRMING GRADE OF CONCRETE (I) IN FOUND.- M25 (I) SUPER ST.-M25
 - CONFIRMING GRADE OF STEEL F_y 550D.
 - PLASTERING WITH SAND CEMENT MORTAR 6:1 FOR BRICK WORK AND 4:1 FOR R.C.C. WORK.
 - P.C.C. WITH BRICK KHOA : SAND : CEMENT = 6:3:1.
 - DEPTH OF SEPTIC TANK & S.U.G. RESERVOIR SHOULD NOT EXCEED THE DEPTH OF FOUNDATION.
 - ALL MATERIALS SHOULD BE AS PER I.S. CODE.
 - EACH REINFORCEMENT BAR SHOULD BE PURE STEEL.
 - EACH/EVERY CURING SHOULD BE AT LEAST 24 DAYS PROPERLY.
 - LAP LENGTH IS 50 X D.
 - EVERY CRANK OF BAR SHOULD BE DONE AT A DISTANCE L/3 FROM END SIDE.
 - IN EVERY CONCRETING MIXER MACHINE & VIBRATOR SHOULD USED.
 - CONSIDERING BEARING CAPACITY OF SOIL AS PER GIVEN SOIL REPORT.
- Mix Plasto-Creat-Super in every Concrete, 100gm/ cement bag.

- NOTES
- Certified that the foundation and super structure of the building have been so designed by me to be safe in all respect including consideration of the bearing capacity & settlement of soil.
 - Structural design & drawing of both foundation and superstructure has been made considering all possible loads including the wind & seismic loads as per I.S.1893[2002] & certified that it is safe & stable in all respect.
 - Depth of septic tank and underground reservoir will not exceed the depth of foundation.

DECLARATION OF ARCHITECT
I HAVE CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT BUILDING RULES 1980 AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITIONS INCLUDING THE ABUTTING ROAD CONFORM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A TANK OR A FILLED

SARBANI MAZUMDER
COA. REG. NO. 92/15458
E.B.A. NO - 055
UNDER RAJAPUR SONARPUR MUNICIPALITY

NAME OF ARCHITECT
DECLARATION OF STRUCTURAL ENGINEER
CERTIFIED THAT THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE ALL RESPECT.

SUVENDU GHOSH (EBS-4823)
M. TECH. CIVIL, MBA, A.M.I.E., M.I.G.S., M.I.C.I.
REGISTERED VALUER
PH: 9433501032, 9903754074.
NAME OF E.S.E

SANKAR CHAKRABARTY
M. TECH (SOIL) M.I.G.S.
CONSULTANT GEOTECHNICAL ENGG.
ENLISTMENT NO- 004/G.T.E./RJPSO
NAME OF GEO-TECHNICAL ENG.

DETAILS OF POWER OF ATTORNEY
SASA CONSTRUCTION PARTNERS
1) SIRAJUL MISTRY
2) ABHIJIT NASKAR
3) SMRITI PODDER
4) APARNA DHARA
C.A. OF
1) SRI PARTHA SARATHI MAJUMDAR,
2) SRI RANA MAJUMDAR

NAME OF OWNER/APPLICANT

FOR OFFICE USE