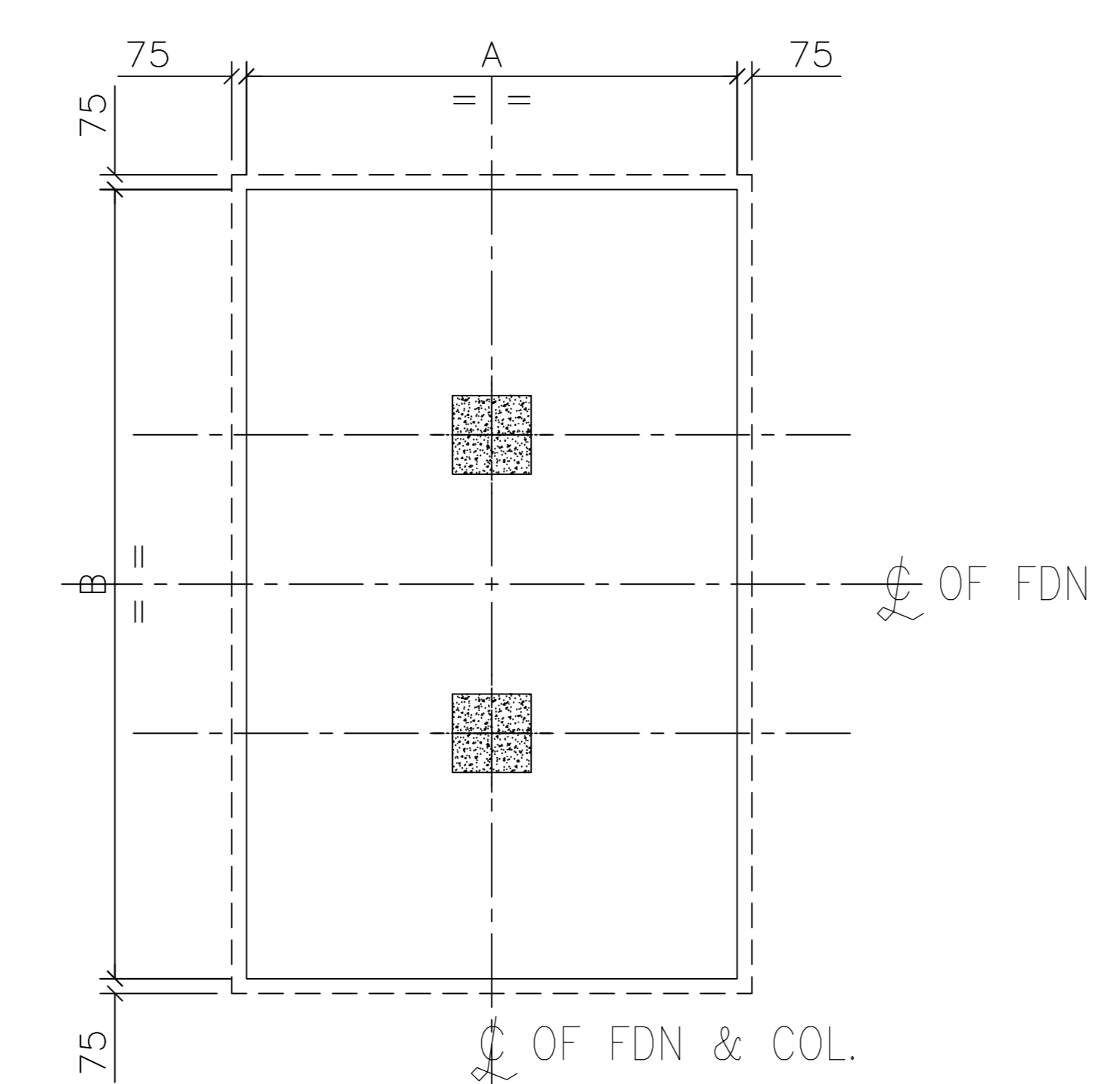
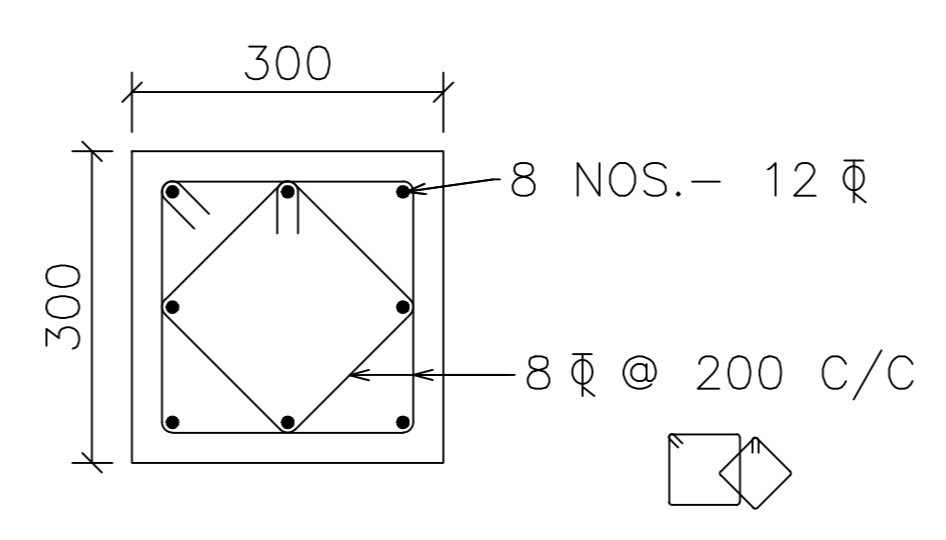


TYPICAL FOUNDATION PLAN (TYPE-I)
SCALE: 1-50

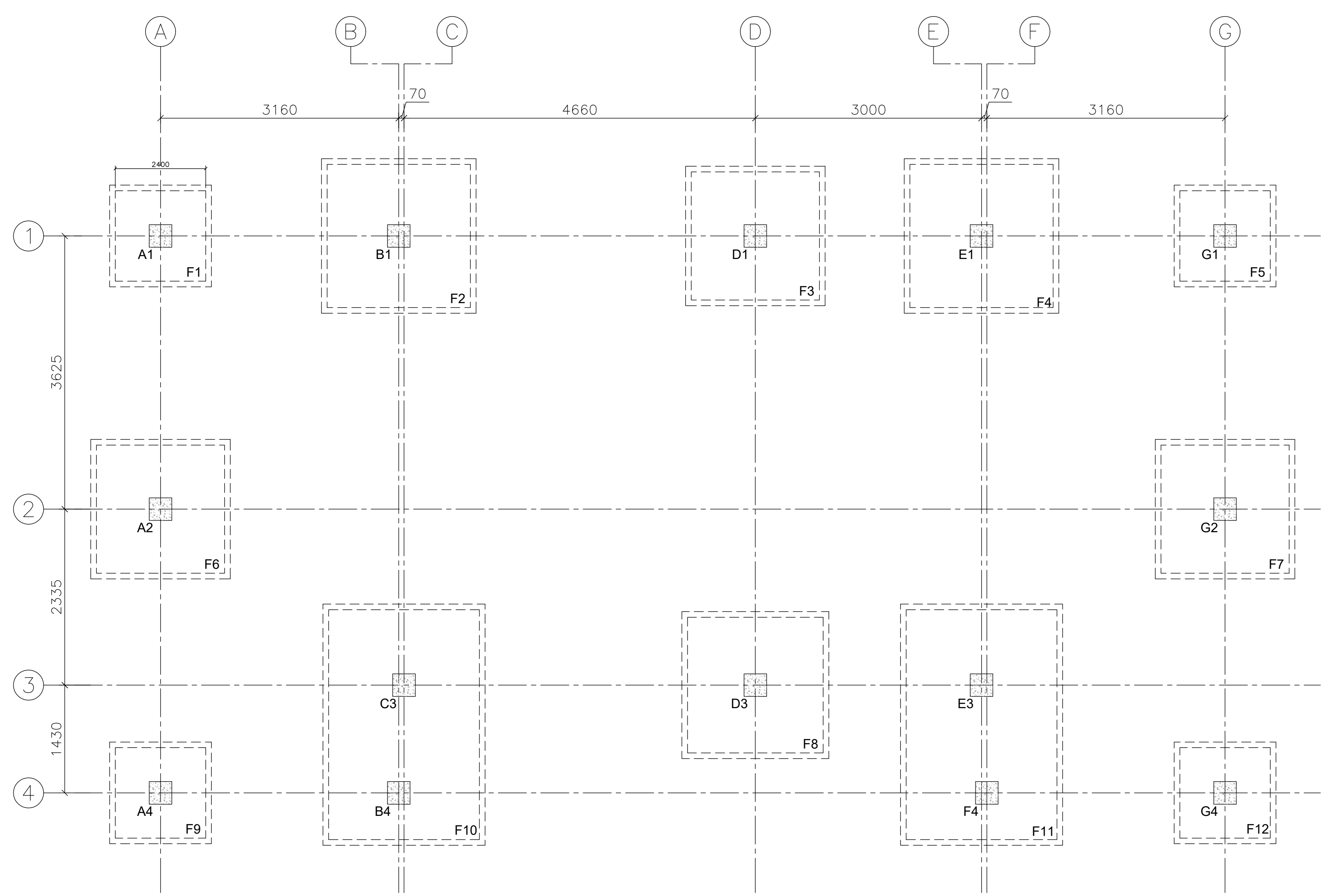


TYPICAL FOUNDATION PLAN (TYPE-II)
SCALE: 1-50

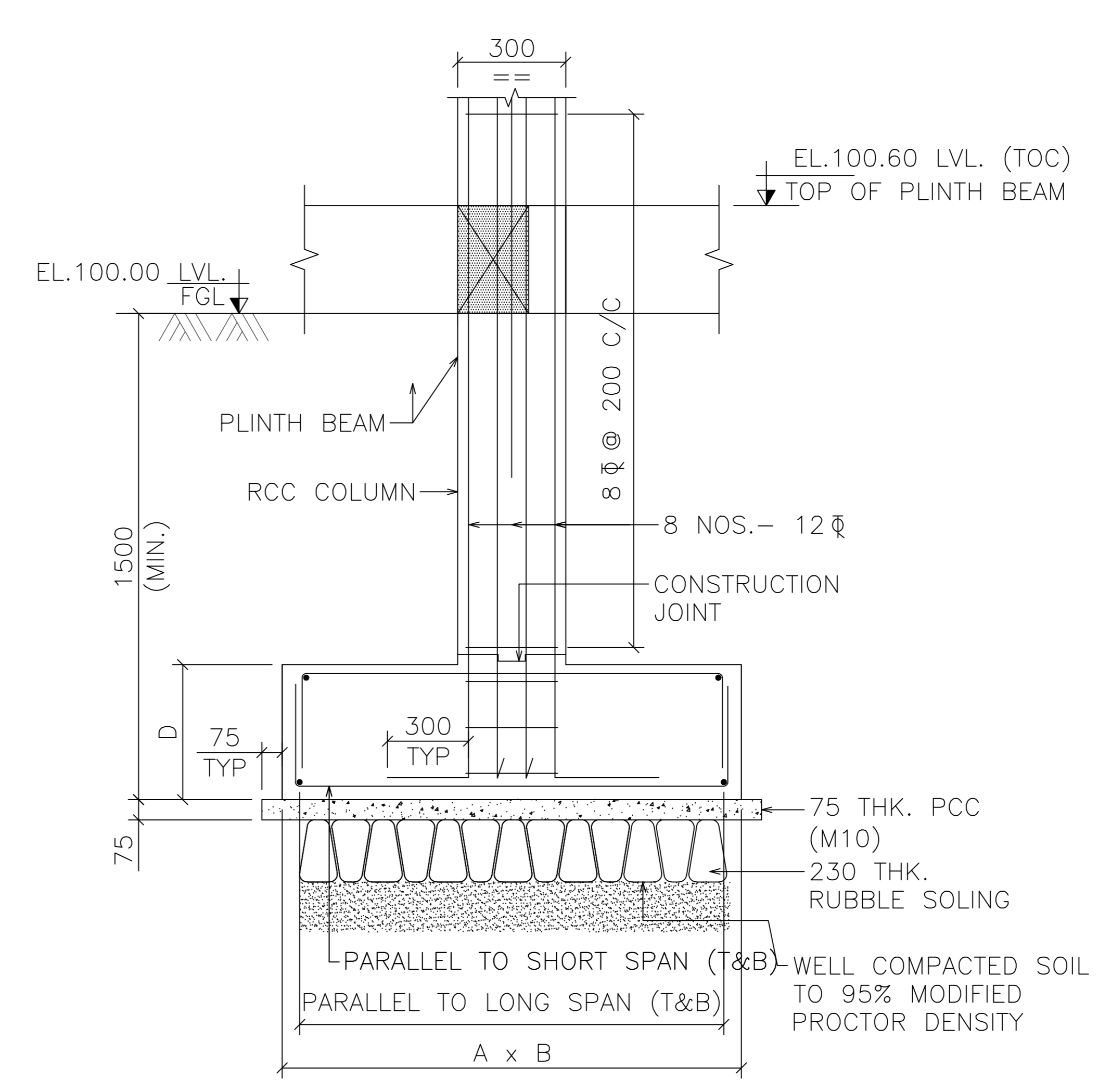


COLUMN CROSS SECTION
SCALE: 1-25

SR. NO	FOOTING MARK	SIZE OF FOOTING		DEPTH	REINFORCEMENT AT BOTTOM		REINFORCEMENT AT TOP		REMARK
		A	B		PARALLEL TO SHORT / LONG		PARALLEL TO SHORT / LONG		
				φ (DIA)	C/C	φ (DIA)	C/C		
1	F1,F5,F9,F12	1200	1200	350	12	200	10	200	
2	F2,F4	1900	1900	400	12	200	10	200	
3	F3,F6,F7	1700	1700	400	12	200	10	200	
4	F8	1800	1800	400	12	200	10	200	
5	F10,F11	2000	3050	400	12	200	10	200	



LAYOUT OF FOUNDATION
SCALE: 1-50



SECTION : A-A
SCALE: 1-50

TOP OF PLINTH BEAM TO BE DECIDED BASED ON SITE CONDITION

LEGEND :-			
TYP	TYPICAL	FFL	FLOOR FINISH LEVEL
THK	THICKNESS	EL	ELEVATION
FDN	FOUNDATION	C/C	CENTRE TO CENTRE
COL	COLUMN	T&B	TOP & BOTTOM
PED	PEDESTAL	BS	BOTH SIDE
N.T.S	NOT TO SCALE	BF	BOTH FACE
TOS	TOP OF SLAB/STEEL	BW	BOTH WAYS
BOS	BOTTOM OF SLAB/STEEL	B/B	BACK TO BACK
LVL	LEVEL	φ	DIAMETER, ROUND BAR
TOB	TOP OF BEAM	CL	CENTER LINE
BOB	BOTTOM OF BEAM	AL	ALL ROUND
TOC	TOP OF CONCRETE	PB	PLINTH BEAM
EGL	EXISTING GROUND LEVEL	FB	FIRST FLOOR BEAM
FGL	FINISH GROUND LEVEL	TB	TERRACE FLOOR BEAM

- NOTES :-
- ALL DIMENSION ARE IN mm. & ALL LEVEL ARE IN MTRS.
 - ALL DIMENSIONS TO BE CHECKED AT SITE BEFORE CONSTRUCTION.
 - φ REPRESENTS HIGH YIELD STRENGTH DEFORMED (FE 500) BARS CONFORMING TO IS 1786.
 - CONCRETE GRADE M-25 (U.N.O.) & P.C.C M 10.
 - CLEAR COVER TO MAIN BARS.
 - a) FOOTING BOTTOM 75 mm.
 - b) FOOTING TOP & SIDE 50 mm.
 - c) COLUMN 40 mm.
 - d) BEAM 25 mm.
 - e) SLAB 15 mm.
 - LAP LENGTH SHALL BE MIN '50 D'. (D. DIAMETER OF SMALLER BAR)
 - EL: 100 CORRESPONDS TO FGL.
 - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL, STRUCTURAL & SERVICES DRAWING IF ANY DISCREPANCY FOUND, THE SAME SHALL BE BROUGHT TO THE NOTICE OF PROJECT ENGINEERING BEFORE EXECUTION.
 - ALL DETAILS SHALL BE AS PER SP-34 LATEST REVISION.
 - STRUCTURE IS DESIGN FOR GROUND STOREY STRUCTURE ONLY.
 - SBC CONSIDERED AS 10T/M² AT 1.5 DEPTH.
 - BITUMEN COATING SHALL BE APPLIED ON CONCRETE SURFACE IN CONTACT WITH SOIL.
 - CEMENT SHALL BE PPC AS PER IS 1989.

PROJECT : TSPSOL
TITLE : LAYOUT & FOUNDATION DETAIL FOR STANDARD PSS

CLEARED				REV	REVISIONS	DRN	CLEARED										DRN	CLEARED						
DEPT	SIGNATURE	DATE	APPD				CIVIL	ELEC	I & C	MECH	P & L	AUTOM	APPD	DATE	REV	REVISIONS		DRN	CIVIL	ELEC	I & C	MECH	P & L	AUTOM

TATA POWER		THE TATA POWER COMPANY LIMITED	
SCALE : AS NOTED	APPROVED	DATE : (REV. 0 ISSUE)	
DRAWN : DRG	CHECKED : SN	DATE : (CURRENT REV.) 26/07/2022	
REVIEWED : PS	DWG. NO. : CA00310-00-C40-C12-001	REV. : A	