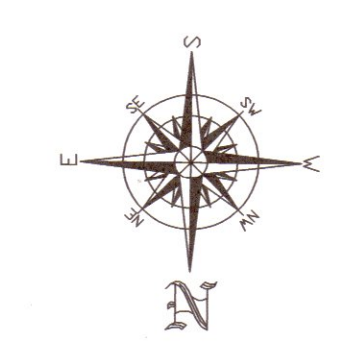


STAIR WAIST RCC SLAB

D	MAIN STEEL BAR	DISTRIBUTOR STEEL BAR
150 MM.	10 mm Φ @ 130 mm C.C.	8 mm Φ @ 200 mm C.C.



- NOTES:-**
- GRADE OF CONC. M20 & GRADE OF STEEL : Fe 415 CONFORMING TO IS : 1786-1978
 - CLEARCOVER FOR SLAB 20mm., BEAM 25mm, COLUMN 40mm, FOUNDATION 60mm.
 - LAPING 50 D. (DIA OF BAR) ACCORDANCE WITH IS 456-2000
 - THK. OF EXTERNAL WALL 250 mm & INTERNAL WALL 125mm THK.
 - THK. OF LIFT SHAFT MADE OF RC. 200mm
 - CORNER REINFORCEMENTS ARE TO BE PROVIDED IN THE SLAB PANELS AS PER IS :456-2000
 - FOUNDATION HAS BEEN DESIGNED BASED ON THE INFORMATION AVAILABLE IN SOIL REPORT PREPARED BY M/S TARAS, 17, NABIN, SENAPATHIN, HOWRAH-71101, SOIL EX. 431 B.T. AD.
 - TO ENSURE STRUCTURAL SAFETY OF THE BUILDING, THE THICKNESS OF WALLS, SLABS, DIMENSIONS OF BEAMS, COLUMNS, FOUNDATIONS, & OTHER REINFORCEMENT DETAILS MUST BE IDENTICAL WITH THE SAME AS GIVEN IN THIS STRUCTURAL DWG.

UM/BLDG/PLAN NO. 87 DATE 28.02.2020 **APARTMENT BUILDING**

SCHEDULE OF RCC SLAB

PANEL MARKED	SLAB THICKNESS (mm)	SHORTER DIRECTIONS		LONGER DIRECTIONS	
		SUPPORT TOP	SPAN BOT.	SUPPORT TOP	SPAN BOT.
P1	120 MM	200 mm c/c	160 mm c/c	180 mm c/c	200 mm c/c
P2	120 MM	160 mm c/c	200 mm c/c	200 mm c/c	200 mm c/c
P3	120 MM	200 mm c/c	200 mm c/c	200 mm c/c	200 mm c/c
CANTILEVER	150 MM	100 mm c/c	200 mm c/c	200 mm c/c	200 mm c/c
OTHERS PANEL	110 MM	200 mm c/c	200 mm c/c	200 mm c/c	200 mm c/c

SCHEDULE OF RCC COLUMN

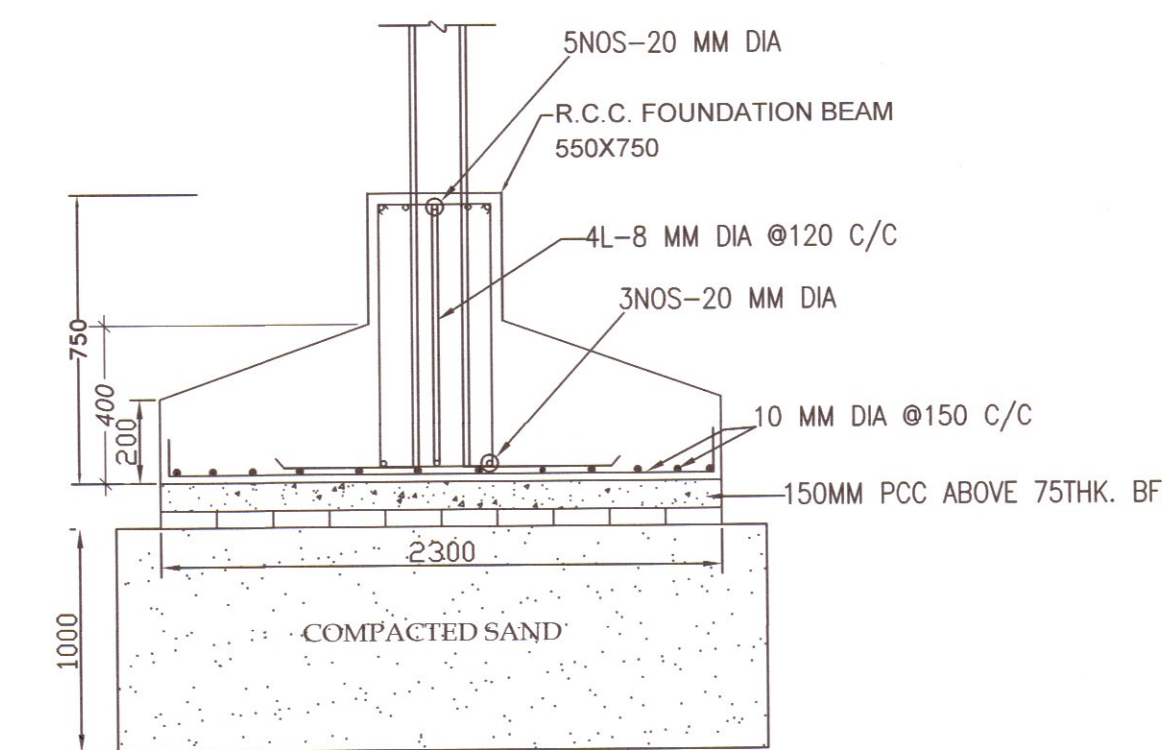
COLUMN MARKED	FDN. TO 2 ND. FL.		2ND. TO 4TH. FL.		4TH. TO R.L.		LATERAL TIE @ 190 mm CC
	SIZE(MM.)	REINF.	SIZE	REINF.	SIZE	REINF.	
C16,C17,C20,C21,C24,C25,C27	250X500	12-20 Φ	250X500	8-20 Φ + 4-16 Φ	250X500	8-20 Φ	
C8,C10,C11,C12,C13,C14,C15,C23,C26,C28,C29	250X500	8-20 Φ	250X500	4-20 Φ + 4-16 Φ	250X500	8-16 Φ	
C1,C4,C5,C18,C19,C22	250X500	8-16 Φ	250X500	4-16 Φ + 4-12 Φ	250X500	8-12 Φ	
C2,C3,C6,C7,C9	250X400	4-20 Φ + 4-16 Φ	250X400	8-16 Φ	250X400	4-16 Φ + 4-12 Φ	

SCHEDULE OF FOUNDATION BEAM

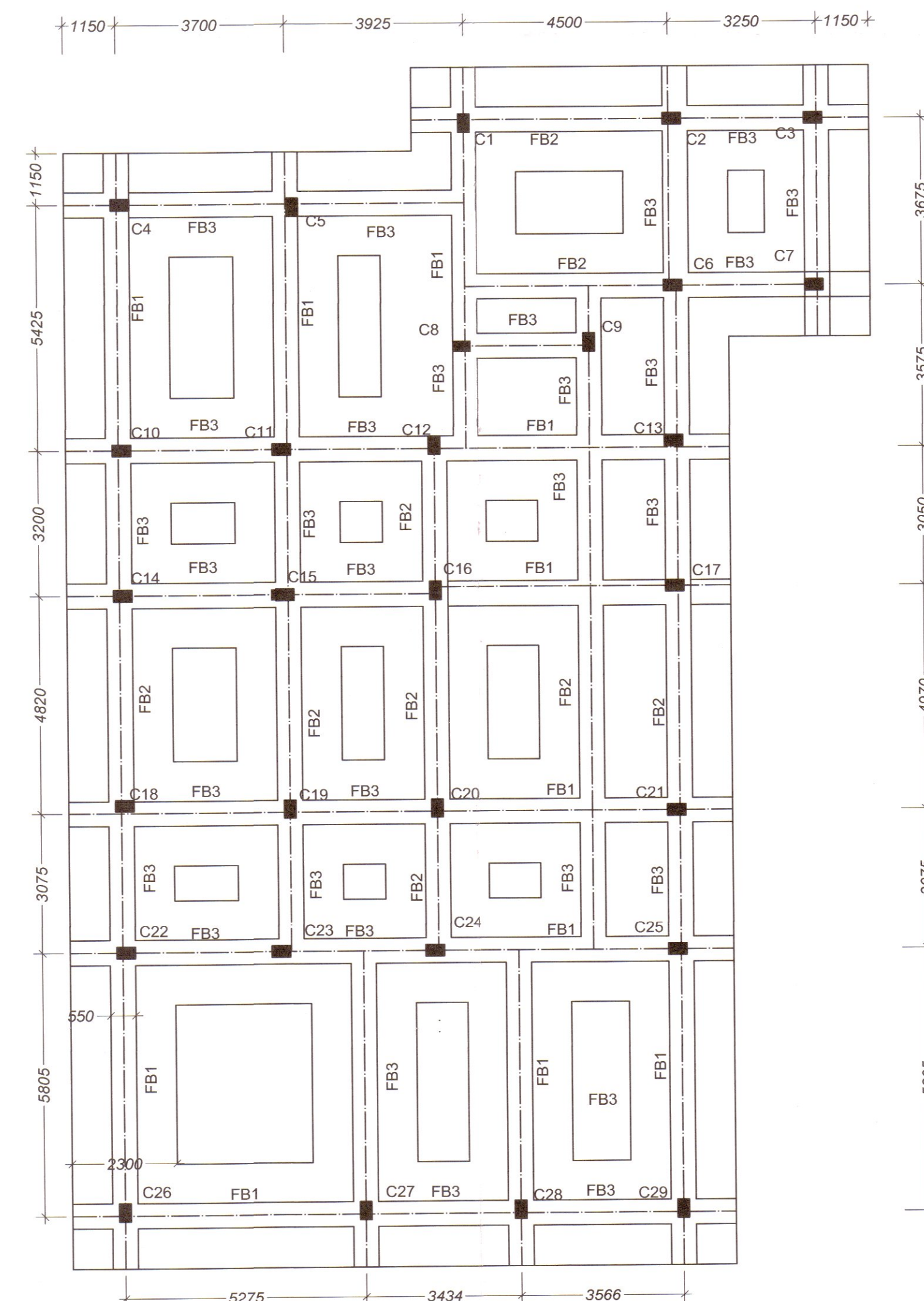
BEAM MKD	BEAM SIZE	REINFORCEMENTS				4L-8 Φ STIRRUP @
		AT SUPPORT		AT SPAN		
		TOP	BOTT.	TOP	BOTT.	
FB1	550X750	5-20 Φ	13-20 Φ	13-20 Φ	5-20 Φ	80 MM. C/C
FB2	550X750	3-20 Φ	8-20 Φ	8-20 Φ	3-20 Φ	100 MM. C/C
FB3	550X750	3-20 Φ	5-20 Φ	5-20 Φ	3-20 Φ	120 MM. C/C

SCHEDULE OF FLOOR BEAM

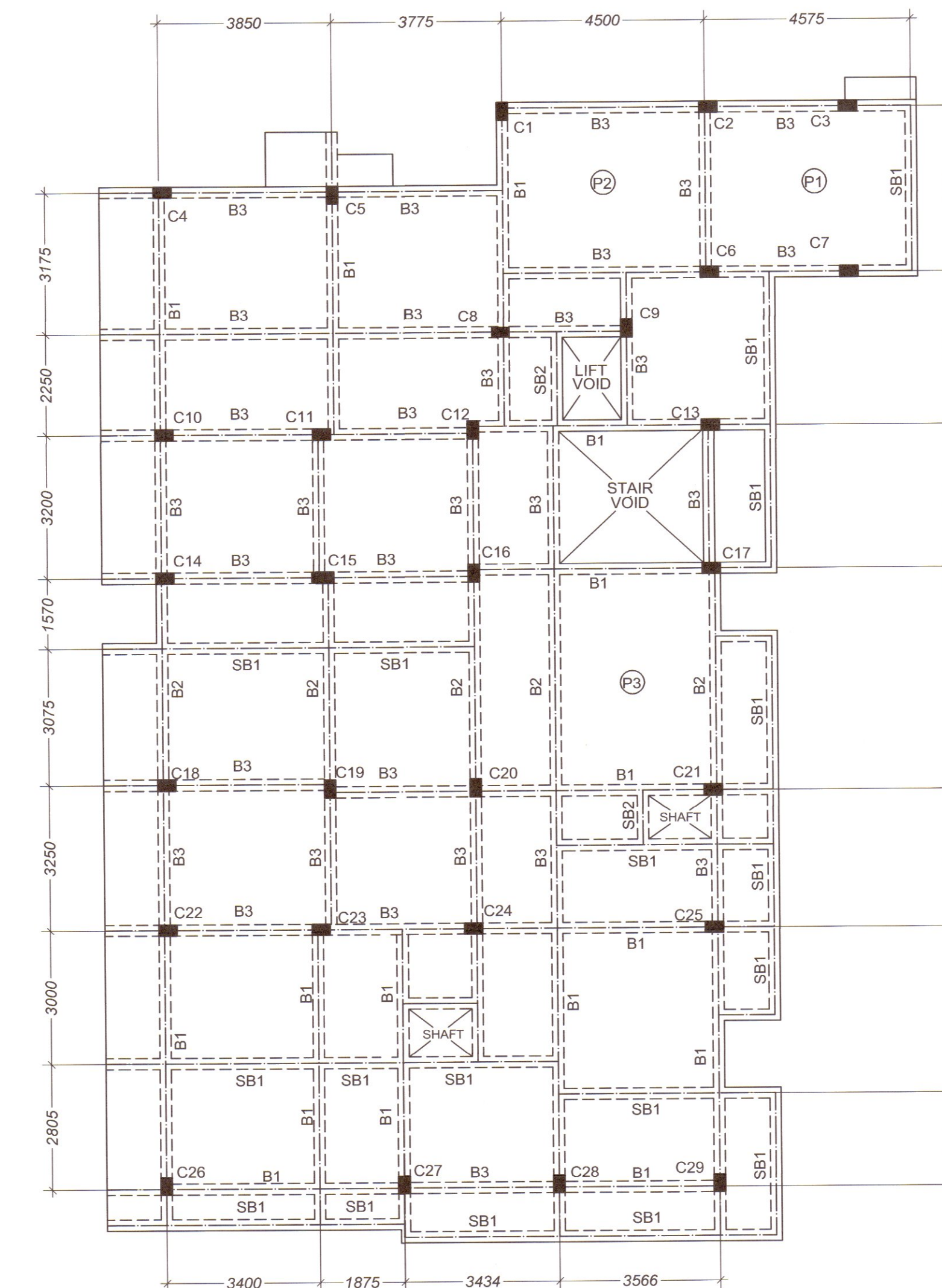
BEAM MKD	BEAM SIZE	REINFORCEMENTS					
		AT SUPPORT			AT MID SPAN		
		TOP	BOTT.	STIRRUP	TOP	BOTT.	STIRRUP
B1	250X500	6-20 Φ	3-20 Φ	2L-8 Φ 100 MM. C.C.	3-20 Φ	6-20 Φ	2L-8 Φ 200 MM. C.C.
B2	250X500	5-20 Φ	2-20 Φ	2L-8 Φ 100 MM. C.C.	2-20 Φ	5-20 Φ	2L-8 Φ 200 MM. C.C.
B3	250X500	5-20 Φ	2-20 Φ	2L-8 Φ 100 MM. C.C.	2-20 Φ	5-20 Φ	2L-8 Φ 200 MM. C.C.
SB1	250X400	4-12 Φ	3-12 Φ	2L-8 Φ 200 MM. C.C.	2-12 Φ	4-12 Φ	2L-8 Φ 200 MM. C.C.
SB2	250X300	3-12 Φ	3-12 Φ	2L-8 Φ 200 MM. C.C.	3-12 Φ	3-12 Φ	2L-8 Φ 200 MM. C.C.



DETAIL OF FOUNDATION F3 (MID SPAN)



FOUNDATION BEAM LAYOUT PLAN
SCALE - 1:100



FLOOR BEAM & SLAB LAYOUT PLAN
SCALE - 1:100

Approved by the C-in-C in the building meeting held on 28.02.2020
Valid up to 27.02.2023
Chairman
ULUBERIA MUNICIPALITY

7.12.2022
Sub-Assistant Engineer
Uluberia Municipality

REVISED ON Date: 01.12.2022.
Chairman
Uluberia Municipality

REVISED ON Date: 01.12.2022.
Assistant Engineer
ULUBERIA MUNICIPALITY

Time extended for further period of Two years from 28-02-23 to 27-02-2025

Chairman
ULUBERIA MUNICIPALITY

PROJECT

REVISED (G + IV) STORIED RESIDENTIAL BUILDING PLAN IN REF. SANCTION BUILDING PLAN NO. 87, DATED 28.02.2020 OF SRI. SANJOY BOSE & SANJIB BASU S/O. CHITTARANJAN BOSE AT MOUZA- ULUBERIA ON R.S. DAG NO - 13, L.R. DAG NO - 24, R.S. L.R. KHATIAN NO - 690, NEW L.R. KHATIAN NO 4751 & 4752 J.L. NO -109, P.S. - ULUBERIA, WARD NO - 27, UNDER ULUBERIA MUNICIPALITY, DISTRICT - HOWRAH, PIN-711316

Certificate of Structural Engineer :-
Certify that the structural drawing and design of both the foundation and superstructure of the building / buildings has been made considering the soil test report (as per this rule and regulations made under the Act) and also considering all possible loads, seismic load and the moments generated by the proposed structure as per current Codes, the Bureau of Indian Standard and National Building Code of India and certify that it is safe and stable in all respect up to v story/stories and these provisions shall be adhered to during the construction.

K. Sankar
KUNAL KANTI SARKAR
B.E. (Cal), M.E. (Cal)
Consulting Engineer (Structural)
E.S.E. - 17/14 of
Calcutta Municipal Corporation

SIGNATURE OF STRUCTURAL ENGINEER

1. SANJAY BOSE
2. SANJIB BASU ALIAS SANJIB BOSE
REPRESENTED BY THEIR CONSTITUTED ATTORNEY SUMANTA CHANDRA Prop. of SAMANTA ENTERPRISE WIDE REGISTER DEVELOPMENT POWER OF ATTORNEY BEING NO. - 051303714, DATED- 27.02.2020

SIGN. OF OWNER'S/DEVELOPER	SIGN. OF L.B.S.
SHEET NO. 2/2	DATE-30.11.22 ALL DIMENTION ARE IN M.M.
	SCALE 1:25,50,100