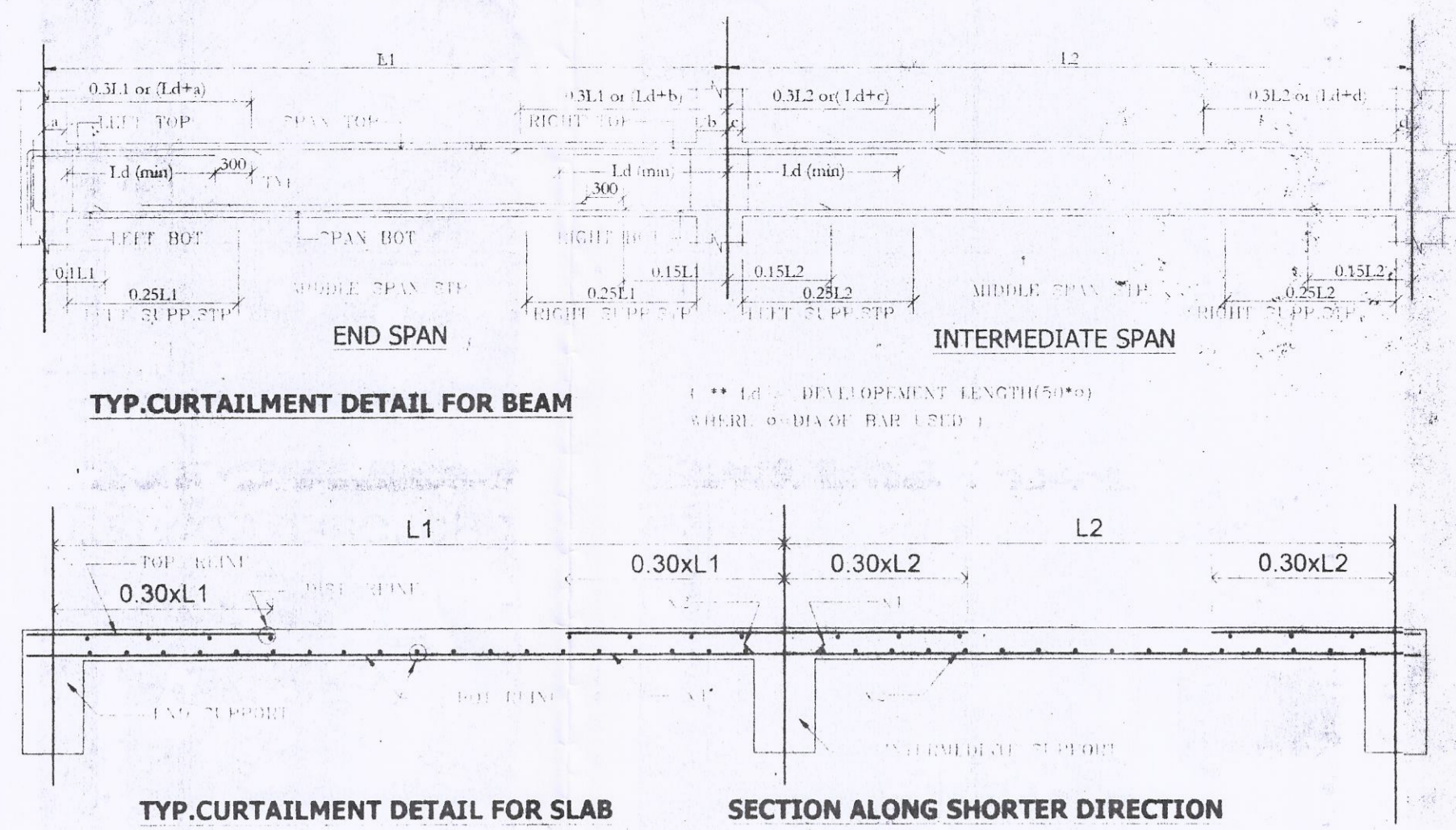


SCHEDULE OF COLUMNS

COLUMN MKD.	UP TO 4th FLOOR	ABOVE 4th FLOOR
C12, C13, C14, C18, C22, C23, C28, C29, C34, C44, C45	8-25 8 @ 100C/C (3 Sets+2 Links)	16-20 8 @ 150C/C (3 Sets+2 Links)
C7, C8, C9, C10, C15, C17, C19, C21, C25, C27, C30, C32, C33, C35, C36, C39, C40, C41, C43, C46, C47, C50, C51, C52, C55, C56	14-20 8 @ 100C/C (3 Sets+1 Link)	10-20 4-16 8 @ 150C/C (3 Sets+1 Link)
C2, C6, C11, C16, C20, C24, C26, C31, C38, C42, C48, C53	6-20 6-16 8 @ 100C/C (3 Sets)	12-16 8 @ 150C/C (3 Sets)
C1, C3, C4, C5, C37, C49, C54, C57	12-16 8 @ 100C/C (3 Sets)	8-16 4-12 8 @ 150C/C (3 Sets)



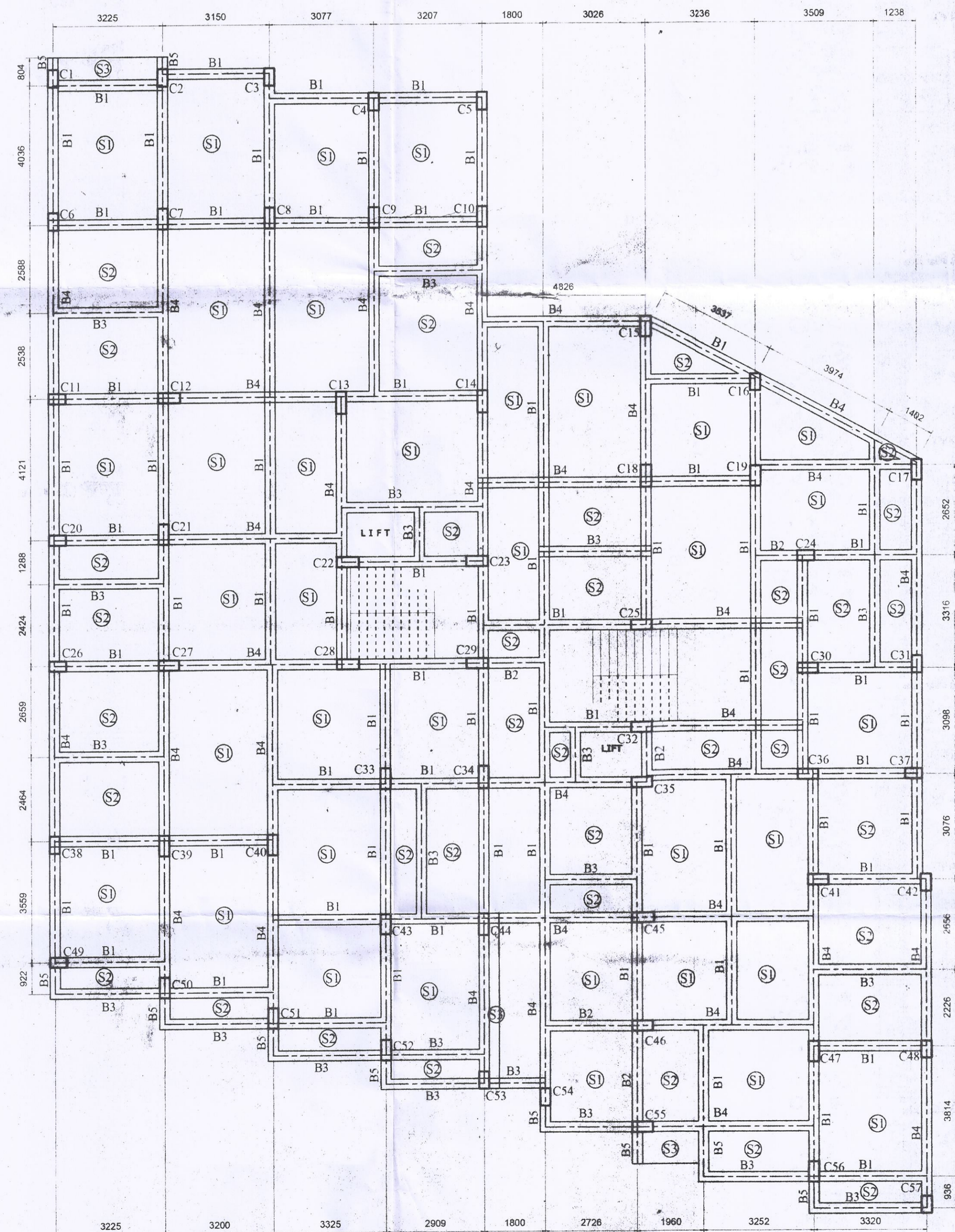
SCHEDULE OF BEAMS

BEAM MKD.	BEAM SIZE	REINF. AT SUPPORT			REINF. AT MID SPAN		
		TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS
B2	300 x 450	2 - 16 T + 2 - 16 T	2 - 16 T	2L8 T @ 100 c/c	2 - 16 T	2 - 16 T + 2 - 16 T	2L8 T @ 150 c/c
B1	300 x 450	3 - 16 T + 2 - 16 T	3 - 16 T	2L8 T @ 100 c/c	3 - 16 T	3 - 16 T + 2 - 16 T	2L8 T @ 150 c/c
B3	300 x 400	2 - 16 T + 1 - 16 T	2 - 16 T	2L8 T @ 100 c/c	2 - 16 T	2 - 16 T + 1 - 16 T	2L8 T @ 150 c/c
B4	300 x 500	3 - 20 T + 3 - 16 T	3 - 20 T	2L8 T @ 100 c/c	3 - 20 T	3 - 20 T + 3 - 16 T	2L8 T @ 150 c/c
B5	300 x 400	5 - 16 T	3 - 16 T	2L8 T @ 100 c/c	5 - 16 T	3 - 16 T	2L8 T @ 150 c/c

SCHEDULE OF SLABS

SLAB MKD.	THICKNESS	REINF. ALONG SHORTER SPAN		REINF. ALONG LONGER SPAN	
		TOP	BOTTOM	TOP	BOTTOM
S1	125	8 T @ 125 c/c	8 T @ 125 c/c	8 T @ 150 c/c	8 T @ 150 c/c
S2	110	8 T @ 150 c/c	8 T @ 150 c/c	8 T @ 150 c/c	8 T @ 150 c/c
S3	150	8 T @ 125 c/c	8 T @ 125 c/c	8 T @ 150 c/c	8 T @ 150 c/c

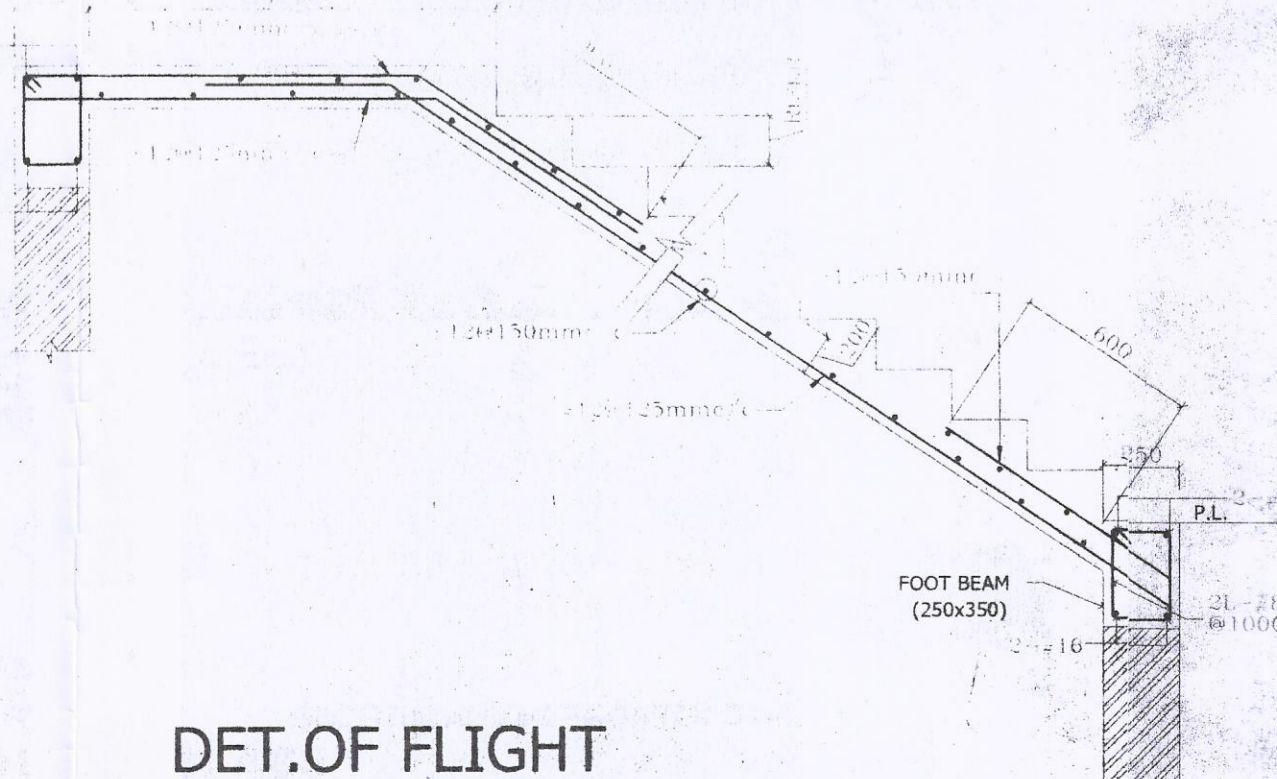
TOP REINFORCEMENT ONLY



BEAM & SLAB LAYOUT PLAN

(ALL C/L ARE BEAM C/L)

SCALE :- 1:100



DET. OF FLIGHT

(FOR ACTUAL DIMENSION OF TREAD, RISER, LANDING REF. ARCHITECTURAL DRAWING)

OFFICE USE ONLY

S.A.F.
Berhampore Municipality
SANCTIONED

Vice-Chairman
Berhampore Municipality
Sanctioned vide Bill No. 2
Date: 20/12/2022
Sanctioned is valid for 3
(Three) years only.
Completion report must be
Submitted after Completion
of work.



NOTES :

- All Dimensions are in Millimetres.
- Written Dimensions are to be followed.
- Clear cover to reinforcement shall be as follows:
In Columns & Pedestals 40 mm
In Beams 25 mm
In Slab 15 mm
In footing 50 mm
In Tie Beams 25 mm
- Live load in floors considered 200 kg/sqm
- Extra top and Bottom reinforcement :
BEAM - (i) Extra top to be provided at L/4 from support.
(ii) Extra bottom to be extended to L/5 from support.
- Minimum Lap Length - 50 times dia. except for piles
- For specification of materials & workmanship follow N.B.C. 2005.
- Grade of concrete M 30 for Grade of Steel Fe 500.
- Brickworks will be of 1st Class bricks laid with 1:6 Cement Sand mortar for 200 thk. & 1:4 Cement Sand mortar for 125 thk. & 75 thk. brick walls.
- P.C.C. should be of grade 1:2:4
- Pile capacity for 500mm. dia. 22.0m long bored pile is taken as per soil report.

CERTIFICATE OF THE ENGINEER

The Structural Design and Drawing of Both Foundation and 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 and Certified that it is Safe and Stable in all Respect.

ASIM SARKAR
(BCE, ME, MGS)
Enlisted Structural Engineer
of Berhampore Municipality
Regd. No.-16/RP/2021/BM

Signature of the ENGINEER

**STRUCTURAL DESIGN IS MADE FOR ((DOUBLE B)+G+7))
STORIED BUILDING.**

**PROPOSED ((DOUBLE BASEMENT)+G+3)) STORIED
COMMERCIAL CUM RESIDENTIAL BUILDING PLAN,
AT HOLDING NO 18/20/1 K.K. BANERJEE ROAD, P.O.-
P.S.-BERHAMPORE, DIST.-MURSHIDABAD, ON DAG
NO-R.S.-2211 & L.R.-4733, KHATIAN NO R.S.-1925, &
L.R.-1947,19186,19190,19677,19679,15084,15085, MOUZA-
GORABAZAR, JL.-NO-90, WARD NO 23, UNDER
BERHAMPORE MUNICIPALITY**

**OWNER'S NAME - 1. MD. ASIF HOSSAIN
2. MRS.- SENEJA PARVIN 3. MRS.- SARVINA KHATUN**

**BUILDING NAME :- FORTUNA
DEVELOPER'S NAME :-
"SWARNAPRADEEP INFRASTRUCTURAL SOLUTIONS"**

SIGNATURE OF OWNER'S & DEVELOPER'S -

Samejaparin

Asif Hossain

Sarvina khatun

SWARNAPRADEEP INFRASTRUCTURAL SOLUTIONS
Kajalisha Kumar Saha
Partner

SWARNAPRADEEP INFRASTRUCTURAL SOLUTIONS
Arpita Saha
Partner

SCALE :- 1 : 100 , 1 : 25

ALL DIMENSION ARE IN MM. OTHER WISE MENTION.

**DRAWN BY -
RAFIUL ISLAM
:- MOB - 9153729603**

ENGINEER'S SIGN:-

Rafiu Islam
RAFIUL ISLAM
L.B.S.
Reg.No-32/RP/2022/BM
Enlisted Planner Berhampore
Municipality, Berhampore
Murshidabad, Mob-9153729603

Asim Sarkar
ASIM SARKAR
(BCE, ME, MGS)
Enlisted Structural Engineer
of Berhampore Municipality
Regd. No.-16/RP/2021/BM

SHEET NO - 2

DATE -