

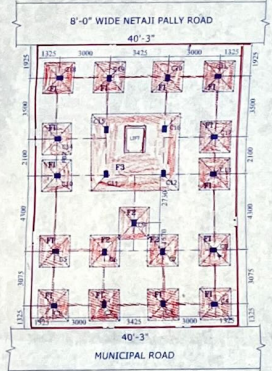
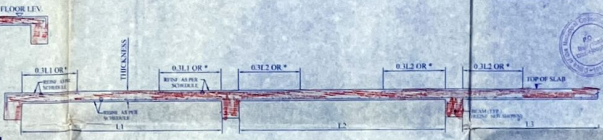
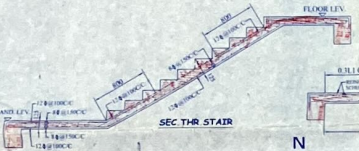
SCHEDULE OF R.C.C. FOOTING, (FE+500) M-20 GRADE							
MKD.	COLUMN MARKED	SIZE (AXB)	BASE THK. d	STEM SIZE x x d	REINFORCEMENT		
					LONGER	SHORTER	
F1	C12, C3, C4, C5, C9, C10, C13, C14, C17, C18, C19, C20, C21	2100X2100	250	200	500X300	12mm dia@150C/C	12mm dia@150C/C
F-1	C6, C7, C9	2400X2400	250	200	500X300	12mm dia@150C/C	12mm dia@150C/C
F3	C11, C12, C15, C16	6000X3000	250	200	500X300	12mm dia@150C/C	12mm dia@150C/C

SCHEDULE OF FLOOR SLAB						
SLAB MKD.	SLAB THICK.	LONG SPAN REINFORC.			SHORT SPAN	
		SUPPORT	MID SPAN	SPANNING	MID SPAN	MID SPAN
FLOOR	125	10T @125 C/C	10T @125 C/C	10T @125 C/C	10T @125 C/C	10T @125 C/C

SCHEDULE OF STAIR						
WALL/SLAB	MAIN REIN.	REIN.	MAIN REIN.	REIN.	STAIR BRIDGES	BRIDGES
FLOOR	125	10T @125 C/C	10T @125 C/C	10T @125 C/C	10T @125 C/C	10T @125 C/C

SCHEDULE OF FLOOR BEAM						
BEAM MKD.	BEAM SIZE	REINFORCEMENT			REINFORCEMENT	REINFORCEMENT
		L.H.S. REINFOR.	MID SPAN REINFOR.	R.H.S. REINFOR.		
B1	250 X 400	20T (TH3)+20T (EX2)	20T (TH3)+20T (EX2)	20T (TH3)+20T (EX2)	20T (TH3)+20T (EX2)	20T (TH3)+20T (EX2)
B2	250 X 400	20T (TH3)+20T (EX2)	20T (TH3)+20T (EX2)	20T (TH3)+20T (EX2)	20T (TH3)+20T (EX2)	20T (TH3)+20T (EX2)

SCHEDULE OF THE BEAM						
BEAM MKD.	BEAM SIZE	REINFORCEMENT			REINFORCEMENT	REINFORCEMENT
		SUPPORT	REINFOR.	MID SPAN REINFOR.		
TB1	250 X 400	16T (TH3)+16T (EX2)	16T (TH3)+16T (EX2)	16T (TH3)+16T (EX2)	16T (TH3)+16T (EX2)	16T (TH3)+16T (EX2)
TB2	250 X 400	16T (TH3)+16T (EX2)	16T (TH3)+16T (EX2)	16T (TH3)+16T (EX2)	16T (TH3)+16T (EX2)	16T (TH3)+16T (EX2)

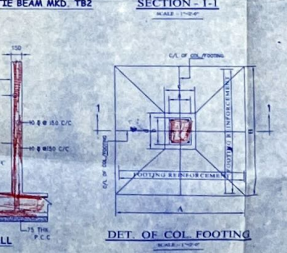
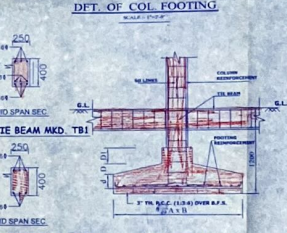
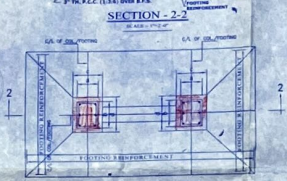
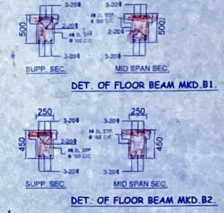
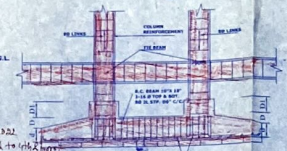


**THE BEAM PLAN AT GROUND LEVEL**  
SCALE:- 1 : 100,



**BEAM PLAN AT TYPICAL FLOOR LEVEL**  
SCALE:- 1 : 100,

**FOUNDATION LAYOUT PLAN**  
SCALE:- 1 : 100,



DETAILS  
408/8  
24.02.2022  
(Signature)

**PROPOSED (G+4) FIVE STORED RESIDENTIAL CUM COMMERCIAL BUILDING PLAN**  
AT HOLDING NO. 67, NETAJI PALLY, WARD NO. 22, UNDER R.S. DAG NO. 1323(P), L.R. KHATAN NO. 173(P), R.S. KHATAN NO. 128, R. KHATAN NO. 1504, MOUZA - GOURHATI CHAMPDANY, J.L. NO. 21, UNDER CHAMPDANY MUNICIPALITY, P.S. BHADRESWAR, DIST. HOOGHLY.

**NAME OF OWNER - SRI TAPAS GHOSH**

- NOTES
1. ALL DIMENSIONS ARE IN MILLIMETERS EXCEPT OTHERWISE SPECIFICALLY MENTIONED.
  2. ONLY 4 WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
  3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH NECESSARY ARCHITECTURAL DRAWING.
  4. IF ANY DISCREPANCY IS FOUND IN THE DRAWING IT SHOULD BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE ARCHITECT/ENGINEER BEFORE COMMENCEMENT OF THE WORK.
  5. ALL REINFORCING BARS WILL CONFORM TO GRADE 40S OR 45S, UNLESS OTHERWISE SPECIFIED.
  6. CONCRETE SHALL BE FOLLOWING GRADE AS PER IS: 4569 (M20) FOR FOUNDATION AND STRUCTURAL PARTS.
  7. CLEAR COVER TO MAIN REINFORCEMENT AS PER IS: 4569 (M20) SHALL BE 25MM FOR BEAMS, 50MM FOR SLABS AND 75MM FOR COLUMNS.
  8. LAP LENGTH OF TENSILE REINFORCEMENT SHALL BE 50 X D AND IN COMPRESSION 45 X D WHERE 'D' IS THE SMALLER DIAMETER OF BARS.

**CERTIFICATE OF ENGINEER**  
CERTIFIED THAT THE FOUNDATION AND SUPERSTRUCTURE OF THIS BUILDING HAVE BEEN DESIGNED BY ME TO BE SAFE AND SOUND IN ALL RESPECTS INCLUDING THE CONSIDERATION OF ALLOWABLE BEARING CAPACITY AND SETTLEMENT OF SOIL.

(Signature)  
**JOYDIPATI BHATTACHARYA**  
C.E. (REGD. NO. 1500)  
OFFICE: 15/1, BELUR ROAD,  
CHANDERNAGAR & APPROVAL MARK

**SIGNATURE OF STRUCTURAL ENGINEER**  
  
**SIGNATURE OF OWNER**  
**Tapas Ghosh**

DATE: 20.03.2022 SCALE: 1 : 100, 1 : 50, 1 : 25