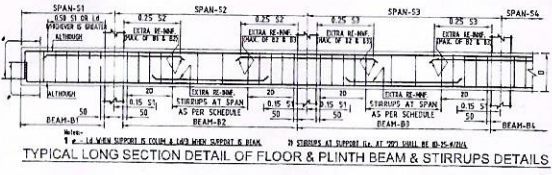
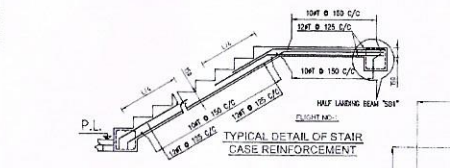
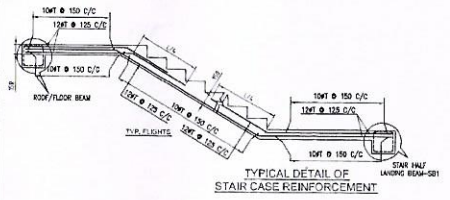


SCHEDULE OF PLINTH BEAM					
BEAM MKC.	BEAM SIZE	ALTHOUGH REINFORCEMENT		EXTRA REINFORCEMENT	
		TOP	BOTTOM	EXTRA TOP	EXTRA BOTTOM
FB1	250 x 400	2-16 ϕ T+1-12 ϕ T	2-16 ϕ T+1-12 ϕ T	-	-
FB2	250 x 400	3-16 ϕ T	3-16 ϕ T	3-16 ϕ T	-

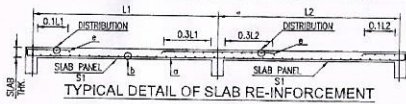
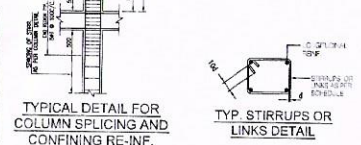
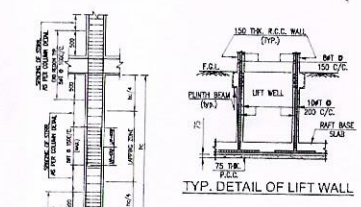
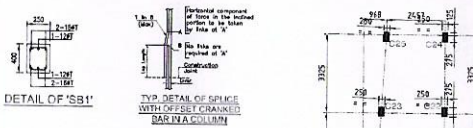
BEAM NO.	BEAM SIZE	ALTHOUGH REINFORCEMENT		EXTRA REINFORCEMENT	
		TOP	BOTTOM	EXTRA TOP	EXTRA BOTTOM
FB1	250 X 400	2-16#1+1-12#1	2-16#1+1-12#1	2-16#1	-
FB2	250 X 400	3-16#1	3-16#1	2-16#1	2-16#1
FB3	250 X 400	3-16#1	3-16#1	2-20#1	3-16#1
FB4	250 X 400	3-16#1	2-16#1	3-20#1	3-20#1
FB5	250 X 400	2-16#1+1-12#1	2-16#1+1-12#1	3-16#1	-
FB6	250 X 400	3-12#1	3-12#1	-	-

SCHEDULE OF RAFT - BEAM						
BEAM NO.	BEAM SIZE (W) X (D)	ALTHOUGH REINFORCEMENT		EXTRA REINFORCEMENT		STIRRUPS
		TOP	BOTTOM	EXTRA TOP AT SPAN	EXTRA BOTTOM AT SUPPORT	
RTB01	500 X 800	5-16#	5-20#	-	5-20#	12# @ 100 C/S 50#
RTB02	500 X 650	5-16#	5-16#	-	5-20#	12# @ 100 C/S 50#

SCHEDULE OF SLAB REINFORCEMENT						
SLAB PANEL-TYP	SLAB THICKNESS	BOTTOM REIN		EXTRA REIN		DISTRIBUTION BARS
		SHORTER DIR (a)	LONGER DIR (b)	SHORTER DIR (c)	LONGER DIR. (f)	
S1	105	BDT @ 130 C.	BDT @ 130 C.	BDT @ 150C.C.	BDT @ 150 C.C.	BDT @ 150 C.C.
S2	125	BDT @ 150 C.C.	BDT @ 150 C.C.	BDT @ 150C.C.	BDT @ 150 C.C.	BDT @ 150 C.C.



DEPTH OF BEAM	2 ND LENGTH ON SUPPORT	STRUTS AT SUPPORT	STRUTS AT SPAN
400	800	8#1 @ 100 C/C	8#1 @ 125 C/C
500	1000	8#1 @ 100 C/C	8#1 @ 150 C/C



11. All dimensions & levels are in mm, otherwise mentioned.
12. F.G.L. corresponds to existing ground level & F.S.L. corresponds to finished ground level.
13. All R.C.C. work shall conform to IS 456 grade for Sub-structure & M30 for Super structure.
14. 10% reinforcement bar (and stress $f_y = 500$ N/mm²) shall conform to IS 1786.
15. Clear cover for slab shall be 25mm and for column shall be 40mm and 20mm.
16. Stone chos shall be 20 mm down well graded
17. All reinforcement shall be of high yield strength deformed bars conforming to IS 1786.
18. Laps to be lap welded strength and in no case more than 50% bars to be lapped at any section.
19. Laps to be as per IS 456 & IS 4522
20. Development length to be as per IS 456 & IS 4522
21. All reinforcement work shall be executed in accordance with relevant IS codes
22. All reinforcement 5 nos bar of 10mm dia T.M.T/MSD bar
23. Any discrepancy in dirg should be brought to the notice of engineers immediately.
24. Floor levels/height shall be match with architectural drawing.

Project Title:
BUILDING PLAN FOR PROPOSED G+3 STORED PARTLY RESIDENTIAL & PARTLY COMMERCIAL BUILDING OF SRI HANUMAN MAL SONI S/O L.T. - BIKHAM CHAND SONI, UNDER R.S. DAG NO-590 & 591, R.S. KHATIAN NO-232, L.R. DAG NO- 957 & 958, L.R. KHATIAN NO- 2182, SHEET NO- 18, J.L. NO-1, MOUZA & P.S. -CHANDERNAGORE, WARD NO- 18, HOLDING NO-502/A, BOROUGH NO- 3, AT SARENG PARA 1ST IANE, UNDER CHANDERNAGORE MUNICIPAL CORPORATION, DIST.-HOOGHLY.

Signature Of Owner :-

Certificate of Structural Engineer

Certified that the structural drawing and design of both the foundation and superstructure of the building has been made considering the Soil Test Report, as per the rules and regulations made under the Act and also considering all possible loads, seismic load and moments generated by the proposed structure as per the Bureau of Indian Standard and National Building Code of India and certified that it is safe and stable in all respect and these provisions shall be adhered to during the construction.

Signature of Structural Engineer

Revision No.: 00

Paper Size:- A1

SCALE USED:- 1:100. 50, 25, 20	Sheet No.- 1 of 1
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Sheet No.-
1 of 1

OFFICE USE ONLY

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 Corporation
 Registration No. 267

