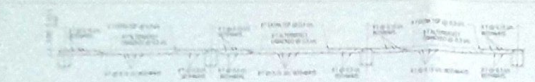
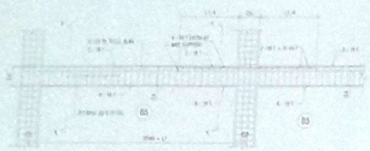
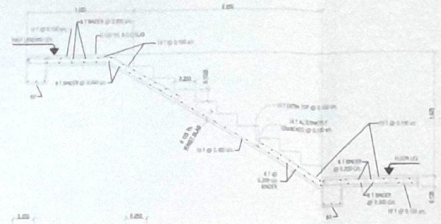
STRUCTURAL PLAN FOR (G+3) STORIED RESIDENTIAL BUILDING AT MOUZA - MONDALGANTHI ; J.L.NO. - 06 ; R.S. NO. - 131 ; IN PART OF R.S. & L.R. DAG NO. - 345 ; R.S. [illegible]AN NOS. - [illegible]1 ; DIST. - 24 [illegible]NNAGAR [illegible]OLDING NO. -



TYPICAL DETAILS OF R.C.C. SLAB



TYPICAL DETAILS OF R.C.C. BEAM



TYPICAL DETAILS OF STAIR CASE

C1 & C2 C3

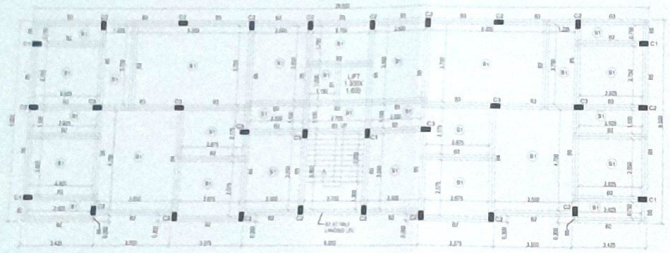
DETAILS OF R.C.C. COLUMNS

SCHEDULE OF R.C.C. COLUMNS

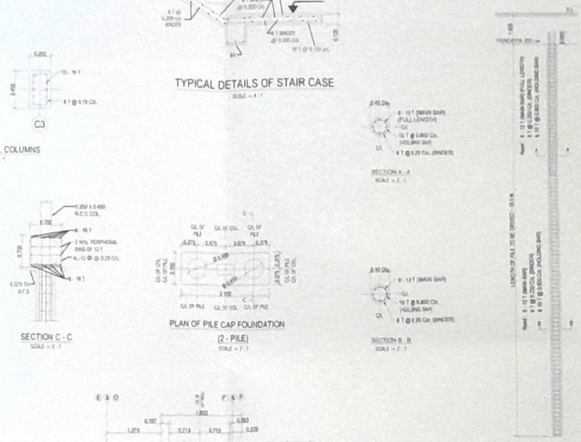
COL. MRG.	SIZE (in m.)	REINFORCEMENT	
		MAIN BAR	STIRRUPS
C1	0.25 x 0.45	8 - 16 T	8 T @ 150 C/c.
C2	0.25 x 0.45	8 - 16 T	8 T @ 150 C/c.
C3	0.25 x 0.45	10 - 16 T	8 T @ 150 C/c.

SCHEDULE OF R.C.C. BEAM

BEAM MRG.	SIZE (in m.) (D x B)	SPAN	REINFORCEMENT			
			TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS
B1	0.35 x 0.35	2 - 12T	2 - 12T 1 - 16T	4 T @ 150 C/c.	2 - 12T 1 - 16T	2 - 12T 1 - 16T	4 T @ 150 C/c.
B2	0.35 x 0.35	2 - 12T	3 - 16T	4 T @ 150 C/c.			
B3	0.35 x 0.35	2 - 12T	3 - 16T	4 T @ 150 C/c.			
B4	0.35 x 0.4	3 - 16T	5 - 16T				
B5	0.35 x 0.4	2 - 16T	5 - 16T				



STRUCTURAL PLAN AT TYPICAL FLOOR LEV. (BLOCK - 02)



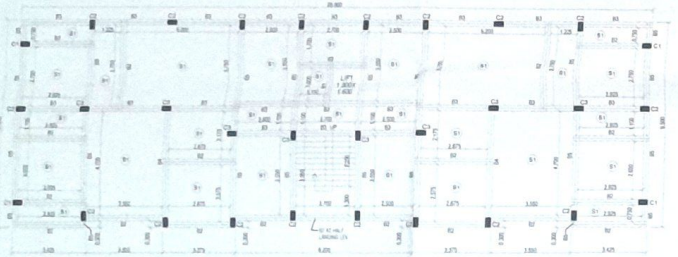
R.C.C. PILE DETAILS

SECTION C - C

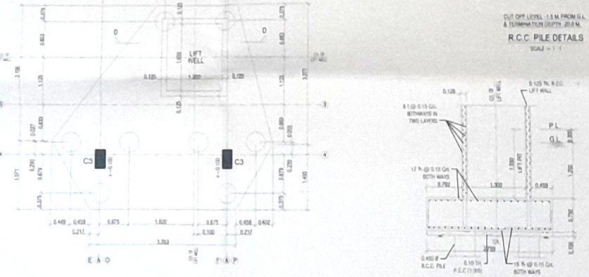
PLAN OF PILE CAP FOUNDATION (2 - PILE)

TYPICAL SECTION OF PILE CAP SECTION D - D

0.450 Ø R.C.C. PILES @ 10.5 M LONG From SOALING



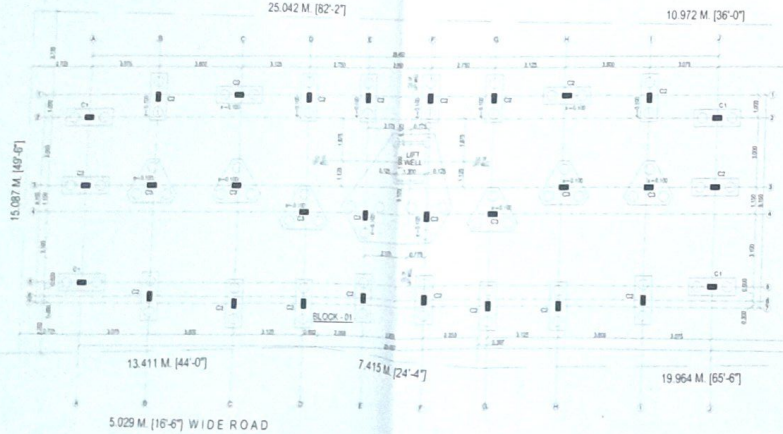
STRUCTURAL PLAN AT TYPICAL FLOOR LEV. (BLOCK - 01)



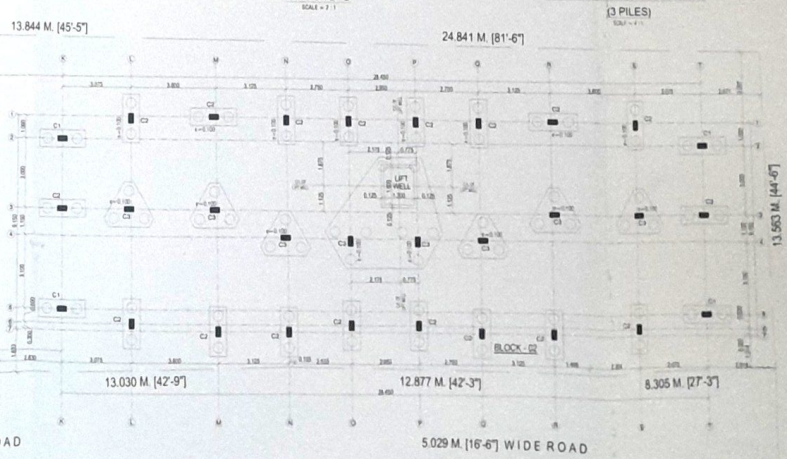
TYPICAL DETAILS OF LIFT WELL FOUNDATION (BLOCK - 1 & 2)

SECTION D - D

TYPICAL DETAILS OF PILE CAP (3 PILES)



FOUNDATION LAY-OUT PLAN (BLOCK - 1)



FOUNDATION LAY-OUT PLAN (BLOCK - 2)

GANAPATI DEVELOPER

Partner

SIGNATURE OF OWNERS

CERTIFICATE OF ENGINEER / L.B.S.

CERTIFIED THAT THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAVE BEEN SO DESIGNED BY MEUS WILL MAKE SUCH THOSE SAFE IN ALL RESPECT INCLUDING THE CONSERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL, ETC.

I HAVE PERSONALLY VERIFIED THE LAND AND FOUND IT IS NOT A TANK OR FILLED UP TANK. IT IS SUITABLE FOR PROVIDE BUILDING CONSTRUCTION.

TAPAS KUMAR ROY
ARCHITECT
Regn. No. CA/2010/49480
SIGN OF L.B.S.

Rathin Saha
Diploma Engineer
Approved
A.C.E.C.R., M.I.C.
MIE Regd No. M. 42

DRAWING CONTENTS

FOUNDATION PLAN, STRUCTURAL PLAN, PILE DETAILS, DETAILS, SCHEDULE, SECTIONS

NOTE:

SCALE :

Designed By RATHIN SAHA