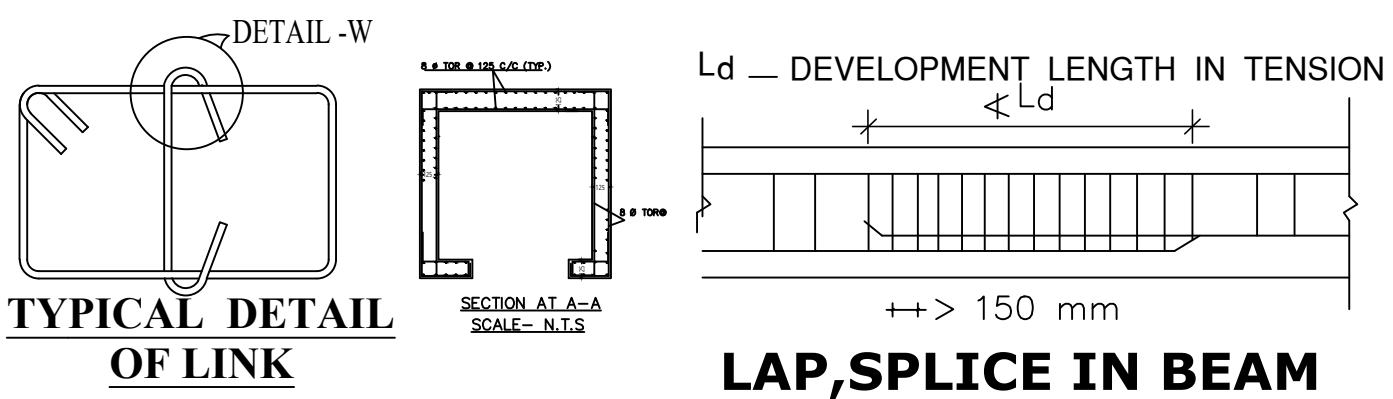
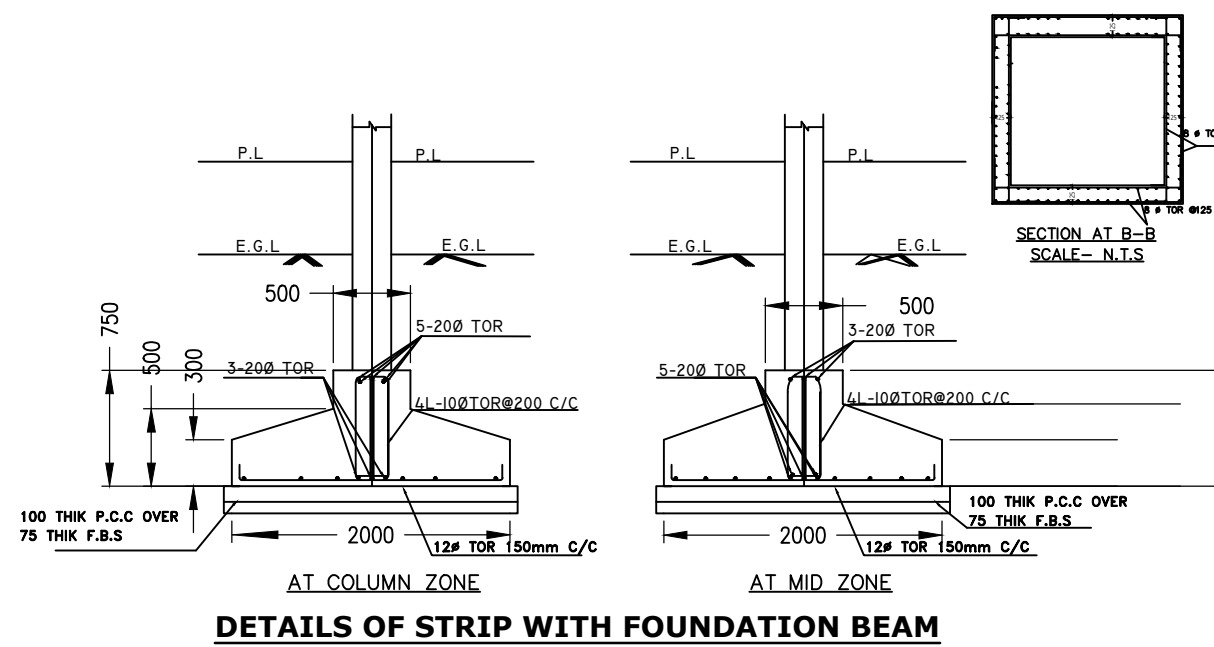
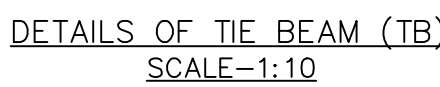




M K D.	SIZE (B x D)	LONGITUDINAL REINFORCEMENT				STIRRUPS
		AT SUPPORT		AT SPAN		
		TOP	BOTTOM	TOP	BOTTOM	
1B	250 X 450	3-16 $\pm$ TOR	3-12 $\pm$ TOR	3-12 $\pm$ TOR	3-16 $\pm$ TOR	8# TOR $\pm$ 150C/C
81	250 X 400	2-16 $\pm$ TOR 2-16 $\pm$ TOR	2-16 $\pm$ TOR	2-16 $\pm$ TOR	2-16 $\pm$ TOR 2-16 $\pm$ TOR	8# TOR $\pm$ 150C/C
82	250 X 450	2-16 $\pm$ TOR 3-16 $\pm$ TOR	2-16 $\pm$ TOR	2-16 $\pm$ TOR	2-16 $\pm$ TOR 3-16 $\pm$ TOR	8# TOR $\pm$ 150C/C

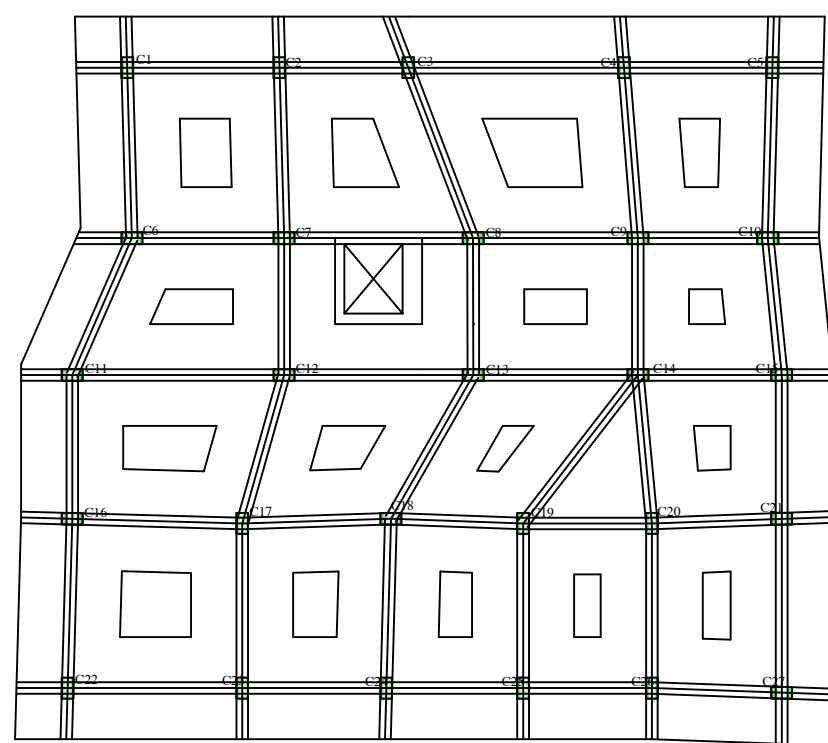
COLUMN M K D.	SIZE (B X D)	LONGITUDINAL REINFORCEMENT	STIRRUPS
C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27.	250 x 450	10 - 16 dia	2L 8 dia @ 150 c/c

SLAB M K D.	SLAB THICKNESS	REINFORCEMENT AT LONGER DIRECTION	REINFORCEMENT AT SHORTER DIRECTION
S1	100	8 dia @ 150 c/c	8 dia @ 150 c/c

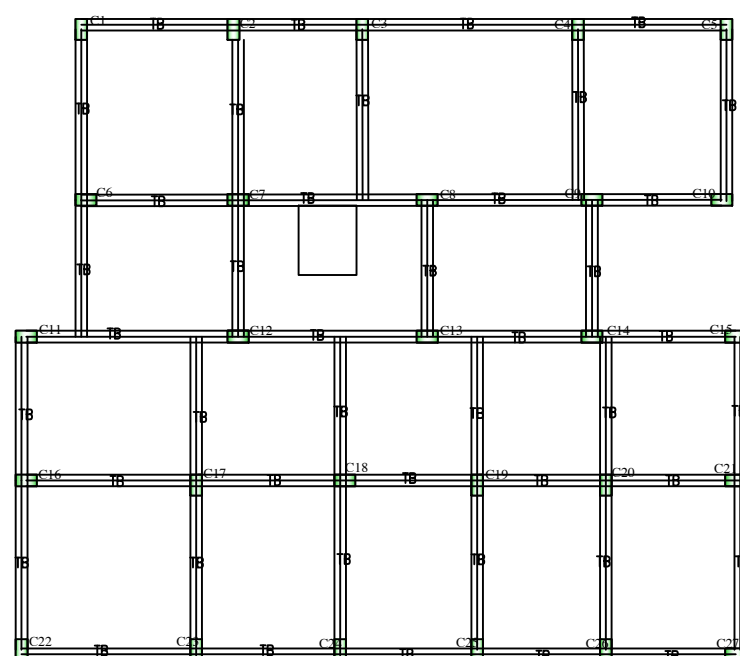
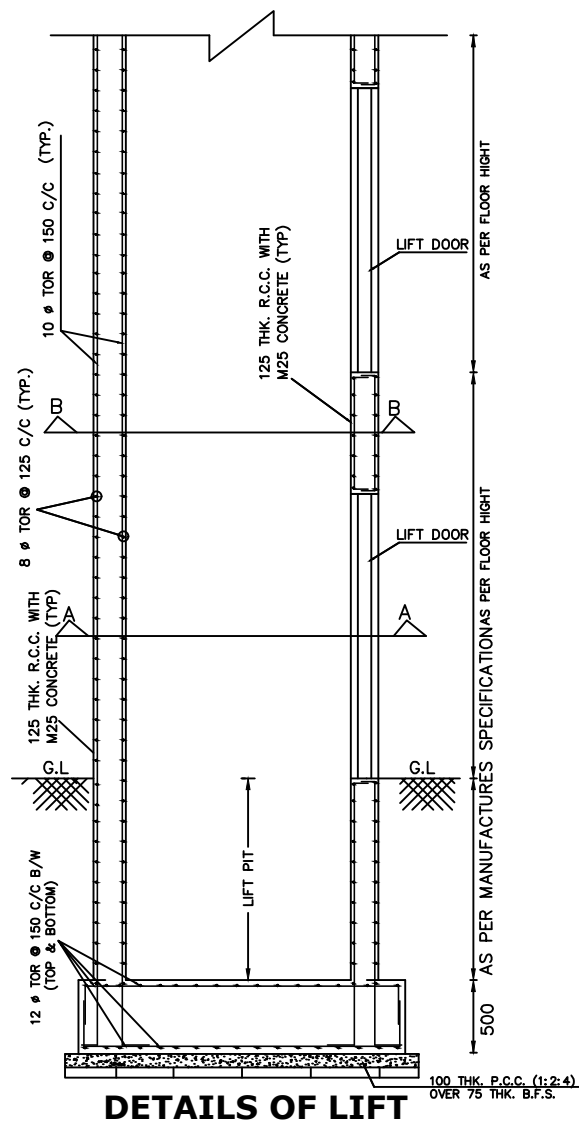


BASE SIZE OF LIFT - SIZE OF LIFT +
300 BEARING IN BOTH SIDE.FOUNDATION BASE SLAB DEPTH - 350 MM
BASE STEEL - 12MM. BAR
@ 200 C/C B/W IN DOUBLE LAYER .

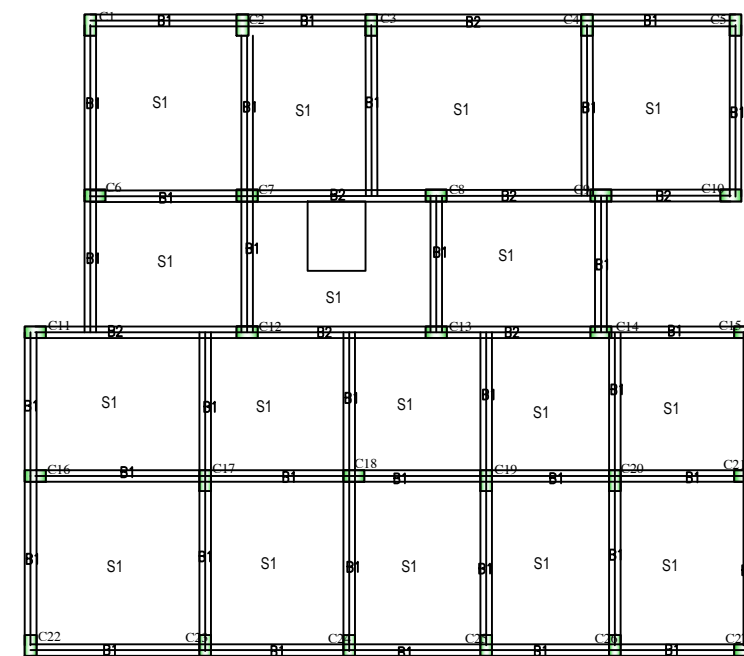
VERTICAL REINFORCEMENT
- 10MM. BAR @ 150 C/C IN DOUBLE LAYER
- TIES 8 MM. BAR @ 175 C/C
THICKNESS OF LIFT WELL 150 MM.



FOUNDATION LAYOUT PLAN
SCALE :- 1:100

DTLS. OF TIE BEAM
SCALE - 1:100

DETAILS OF LIFT



DTLS. OF TYPICAL FLOOR BEAM

STRUCTURAL PLAN FOR PROPOSED G+III STORIED RESIDENTIAL BUILDING AT MOUZA- DASDRONE, J. L. NO-04, TOUZI NO-10, R.S DAG NO -06, R.S KHATIAN NO-88, L.R DAG NO-06, L.R KHATIAN NO-2866, WARD NO-05, BOROUGH-I, DIST-24 PARG. (NORTH), P.S-BAGUIATI, UNDER BIDHANNAGAR MUNICIPAL CORPORATION."

NAME OF OWNER :- **M/S URMILA PROPERTIES PVT. LTD.**
(DIRECTOR- ALPANA P. SHAH.)

DECLARATION OF ARCHITECT/ L.B.S

SIG. 0

DECLARATION OF ENGINEER

NOTES :-

A. GENERAL

1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN MM.
2. DRAWINGS SHALL NOT BE SCALED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
3. ALL FOUNDATIONS SHALL BE REST ON VIRGIN SOIL OR ON THOROUGHLY COMPACTED SOIL AS PER SPECIFICATION. WHENEVER THE SOIL CONTAIN THE LOOSE SOIL POCKETS THE SAME SHALL BE REMOVED AND REFILLED WITH THE P.C.C.

B. CONCRETE WORK:

CONCRETE/CONCRETING:

1. ALL CONCRETE WORK SHALL BE AS PER IS:456 (LATEST REVISION)
2. ALL STRUCTURAL REINFORCED CONCRETE WORK SHALL BE WITH DESIGN MIX CONCRETE OF GRADE AS FOLLOWS UNLESS NOTED OTHERWISE:
 - a). THE GRADE CONC. FOR SUB & SUPER STRUCTURES ARE M-25
3. PLAIN CONCRETE WORK SHALL BE OF THE FOLLOWING GRADES OF NOMINAL MIX CONCRETE:
 - a). 1:5:10 PLAIN CONCRETE FOR FILLING CONCRETE UNDER FOUNDATION (WITH MAXIMUM AGGREGATE SIZE OF 40 MM.) AND AS, & PIT, TRENCHES ETC.
 - b). M-15 FOR LEAN CONCRETE BELOW FOUNDATIONS & PLINTH PROTECTION
4. THE MINIMUM CLEAR COVER FOR PROTECTION OF MAIN REINFORCEMENT SHALL BE

STRUCTURAL ELEMENT	COVER		
	TOP	BOTTOM	SIDES
a). TIE BEAM	25	25	25
b). COLUMNS	40	-	40
c). FLOOR BEAM	25	25	25
d). SLAB	20	20	20
e). FOUNDATION	50	50	50

C. REINFORCEMENTS:

1. ALL REINFORCING STEEL SHALL BE OF TESTED QUALITY.
2. (a). HIGH YIELD STRENGTH DEFORMED BAR REINFORCEMENT
(YIELD STRESS $F_y = 500 \text{ N/MM}^2$)
SHALL CONFORM TO IS:1786. (LATEST REVISION)
3. LAPS AND SPLICES OF REINFORCEMENT TO SUIT AVAILABLE LENGTH OF BARS SHALL BE MADE AS SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER AT SITE.
4. ALL HOOKS, BENDS, LAPS AND SPLICES SHALL BE AS PER IS:2502.
5. THE LAP/ANCHORAGE LENGTH OF BARS OF DIAMETER
'D' SHALL BE AS FOLLOWS:-

CONCRETE GRADE	DEFORMED BARS	
	TENSION	COMPRESSION
M-25	41XD	33XD

6. LAPPING OF BARS SHALL BE SUITABLY STAGGERED AND IN NO CASE MORE THAN 50% BARS SHALL BE LAPPED AT ANY SECTION.
7. LAPPING OF BARS FOR BEAM AND SLAB SHALL BE AVOIDED IN THE MAXIMUM TENSION ZONES.
8. DEVELOPMENT LENGTH (L_d) = $50x\phi$ OF THE BAR.

DRAWING SHEET COM

CHECKED BY-

DRAWN BY-

APPROVED B

