

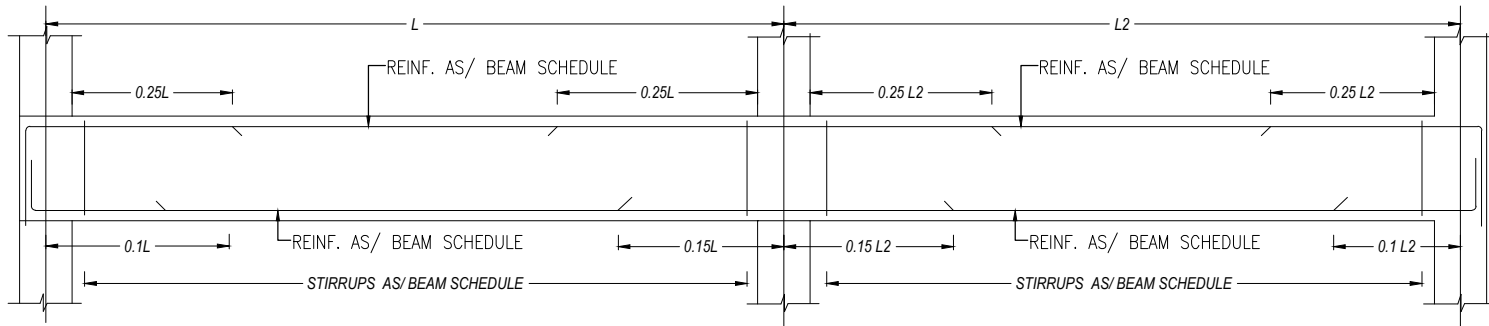
SCHEDULE OF COLUMN (Fe-500, M=25)

GROUP MKD.	COLUMN MKD.	SIZE OF COLUMN WITH REINFORCEMENTS (MAIN BAR & LINKS)	C/S OF COLUMN	LINKS DETAILS
I	REST OF STAIR C2, C3, C5, C6, C15, C16, C18, C19, C21, C22, C24, C25	SIZE : (300 X 500) MAIN BAR : 10-16 LINKS : 2L 8 Ø STIRRUPS		NEAR JUNCTION (UPTO 10') LENGTH 8 @75C/C (2 NOS. CLOSED LINK PER SET) AT REST PORTION LINKS: 8 @150C/C (2 NOS. CLOSED LINK PER SET)
II	STAIR, LIFT & CANTILEVER PORTION C1, C4, C7, C8, C9, C10, C11, C12, C13, C14, C17, C20, C23	SIZE : (300 X 500) MAIN BAR : 12-16 LINKS : 2L 8 Ø STIRRUPS		

SCHEDULE OF SLAB (Fe-500, M=25)

SLAB MKD.	THICK. (mm.)	SHORT SPAN REINFORCEMENT DETAILS		LONG SPAN REINFORCEMENT DETAILS	
		SPAN	SUPPORT	SPAN	SUPPORT
S1	115	8T @150 C/C (BOTTOM)	8T @150 C/C(EXTRA TOP)	8T @150 C/C (BOTTOM)	8T @300 C/C (BOTTOM)

SLAB – 112 MM THICK , 8T – 150 C/C – BOTH WAY

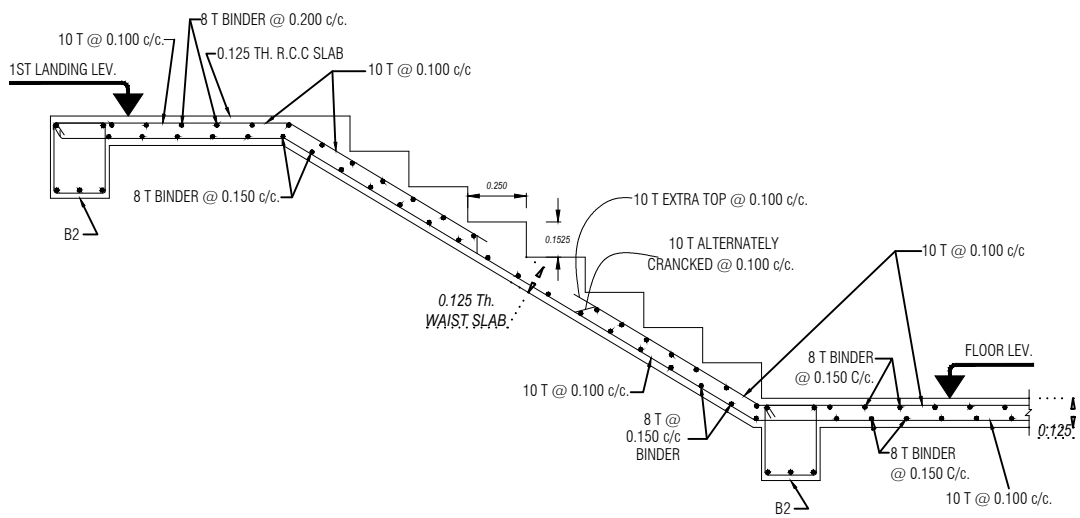


TYPICAL DETAILS OF BEAM

(REINFORCEMENT CURTAILMENT)

SCALE: 1:25

*** 0.15 L SHOULD NOT BE LESS THAN Ld WHERE, Ld=50Xdia OF BARS.



TYPICAL DETAILS OF STAIR CASE

SCALE = 4 : 1

SCHEDULE OF FLOOR BEAM (Fe-500, M=25)

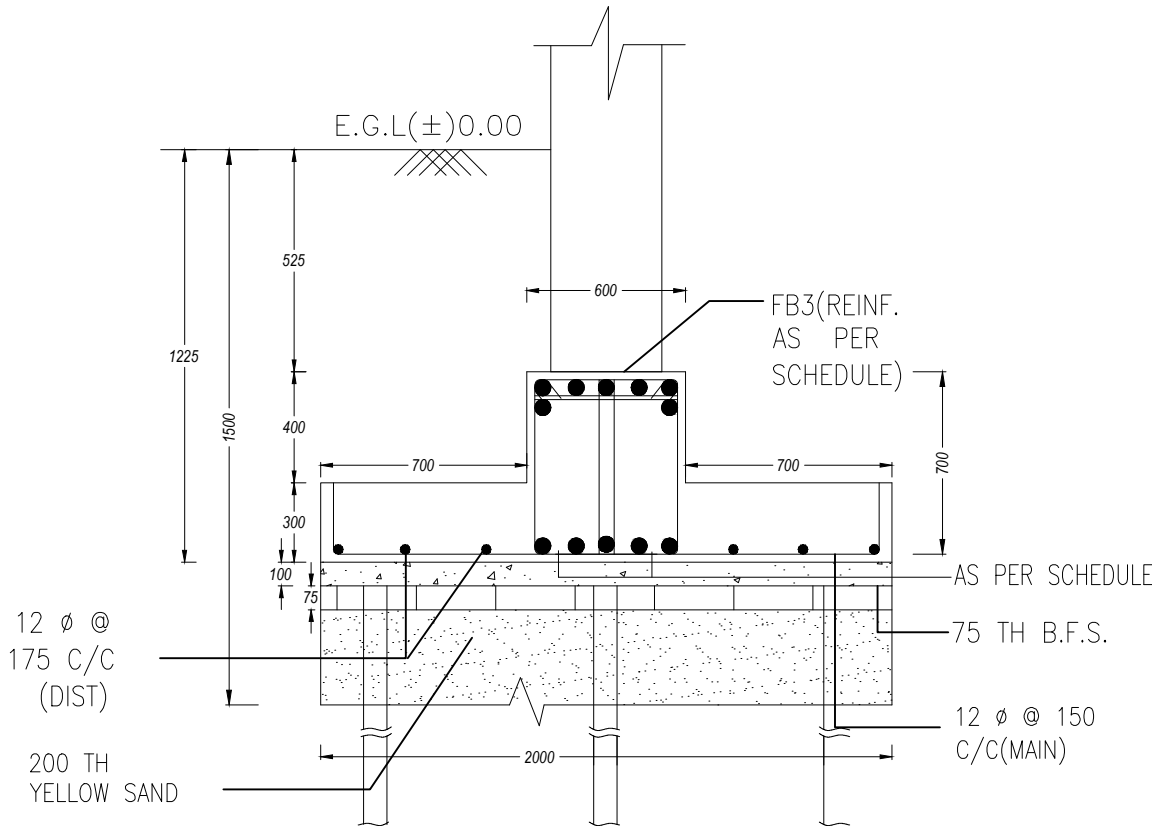
BEAM MKD.	SIZE (mm)	REINFORCEMENT DETAILS AT SUPPORT			REINFORCEMENT DETAILS AT MID SPAN		
		TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS
B1	300 X 400	3-16T (A-T)+ 2-16T (EXTRA)	3-16T (A.T)	2L - 8T @150 C/C	3-16T (A.T)	3-16T (A-T) + 2-16T (EXTRA)	2L - 8T @150 C/C
B2	300 X 400	3-16T (A-T) + 2-16T (EXTRA)	3-16T (A.T)	2L - 8T @150 C/C	3-16T (A.T)	3-16T (A-T) + 2-16T (EXTRA)	2L - 8T @150 C/C

SCHEDULE OF TIE BEAM (Fe-500, M=25)

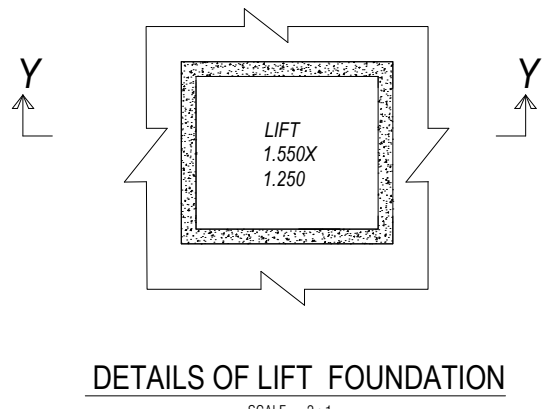
BEAM MKD.	SIZE (mm)	REINFORCEMENT DETAILS AT SUPPORT			REINFORCEMENT DETAILS AT MID SPAN		
		TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS
TB1	300 X 400	3-16T (A-T) + 2-16T (EXTRA)	3-16T (A.T)	2L - 8T @150 C/C	3-16T (A.T)	3-16T (A-T) + 2-16T (EXTRA)	2L - 8T @150 C/C

SCHEDULE OF FOUNDATION BEAM (Fe-500, M=25)

BEAM MKD.	SIZE (mm)	REINFORCEMENT DETAILS AT SUPPORT			REINFORCEMENT DETAILS AT MID SPAN		
		TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS
FB	600X700	5-16T (A.T)	5-16T (A-T) + 2-16T (EXTRA)	4L - 10T @150 C/C	5-16T (A-T) + 2-16T (EXTRA)	5-16T (A.T)	4L - 10T @150 C/C

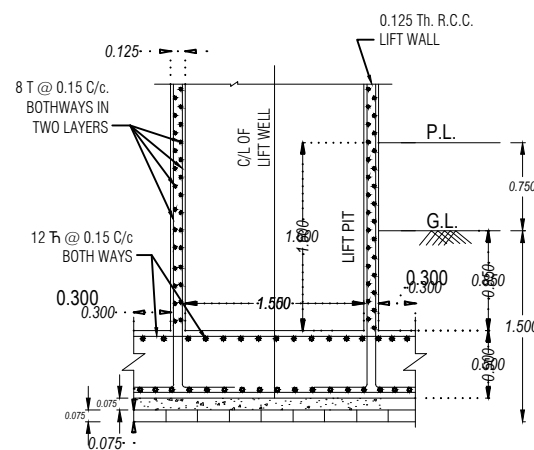


FOUNDATION BEAM SECTION



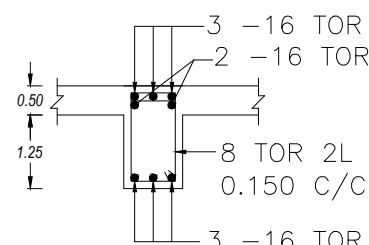
DETAILS OF LIFT FOUNDATION

SCALE = 2:1

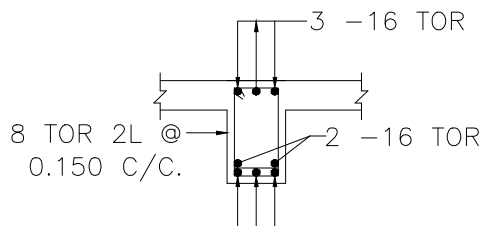


SECTION Y - Y

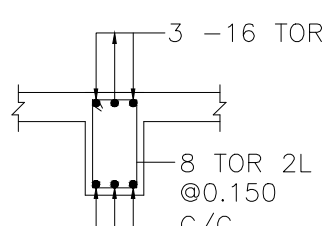
SCALE = 2:1



AT SUPPORT

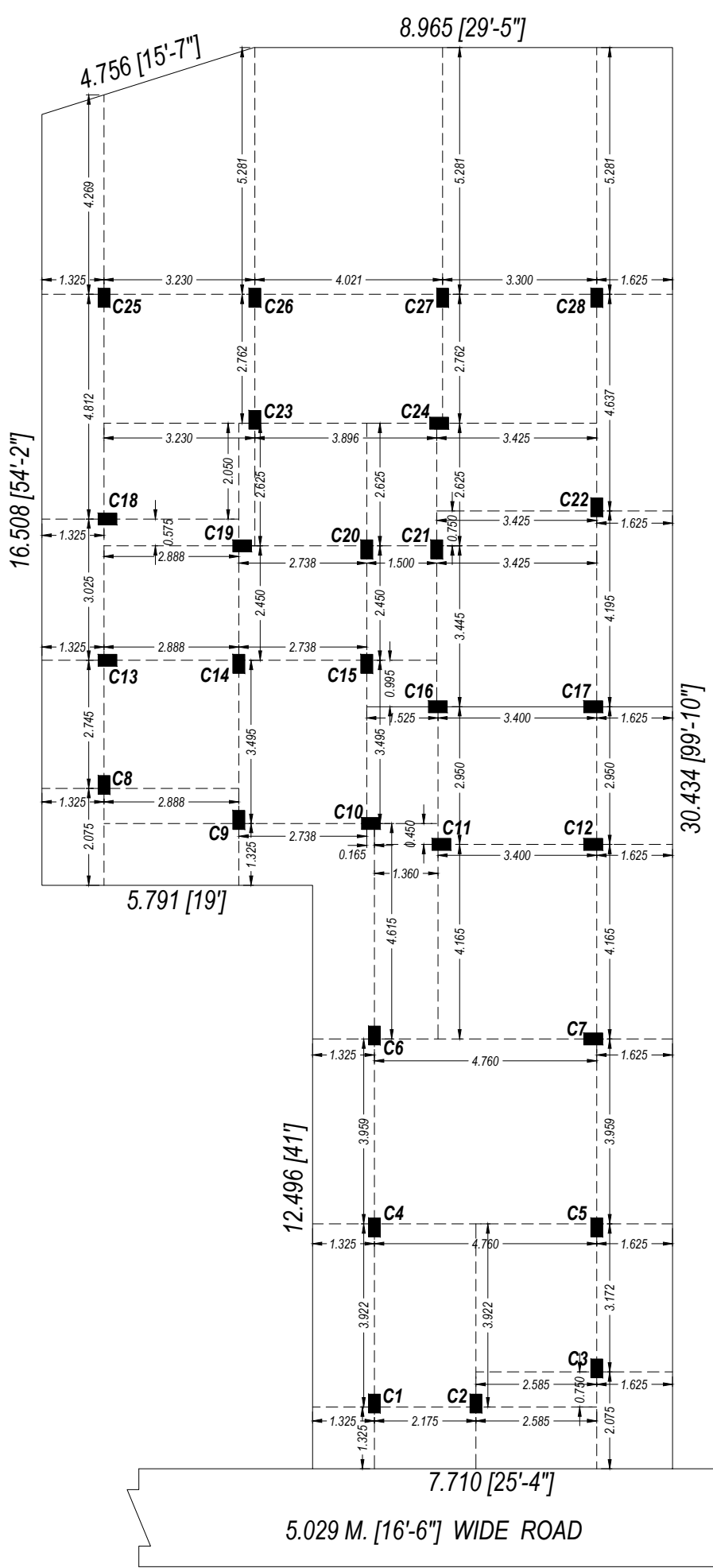


AT MID SPAN

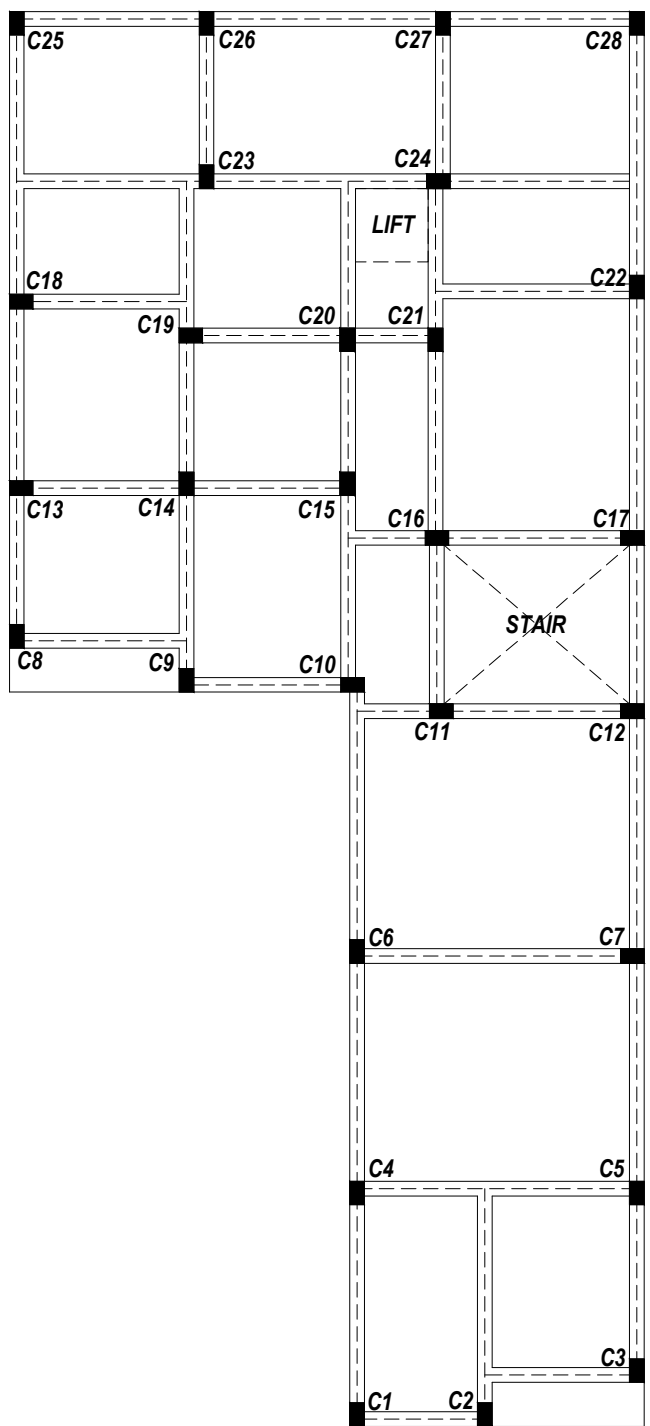


AT SUPPORT & MID SPAN

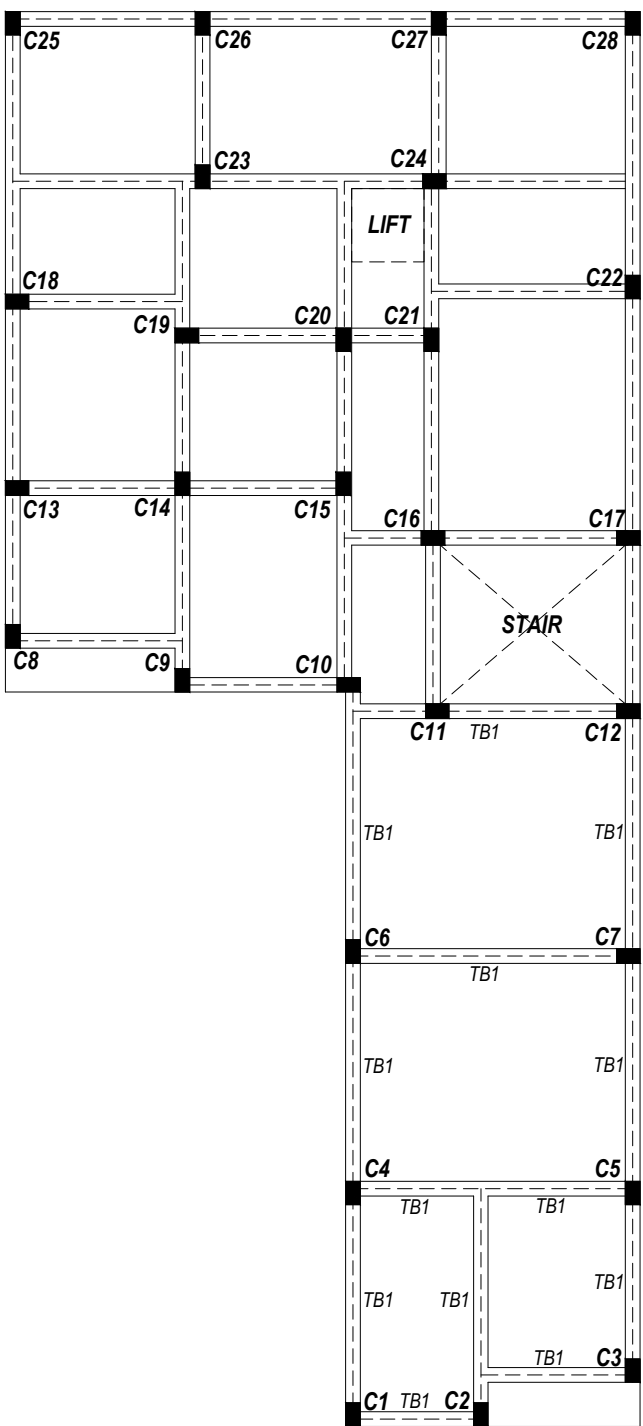
DETS. OF FLOOR BEAM SEC.



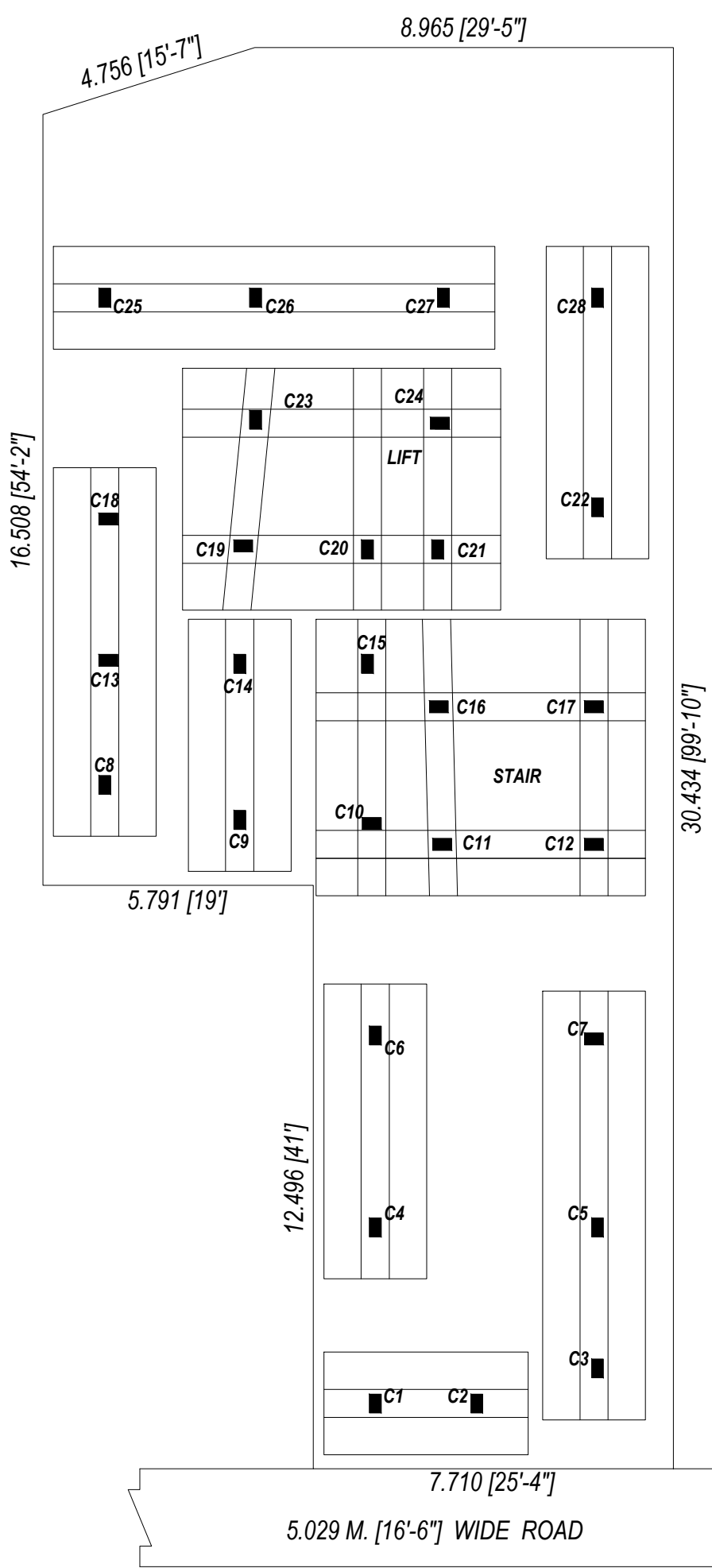
COLUMN LAYOUT PLAN



TIE-BEAM LAYOUT PLAN



BEAM LAYOUT PLAN



FOUNDATION LAYOUT PLAN

**PROPOSED G+III STORIED RESIDENTIAL BUILDING
PLAN AT MOUZA - TEGHARIA, J.L. NO. - 09 , R.S. NO.- 116,
TOUZI NO. - 1074, C.S. DAG. NO.- 609,610, R.S. & L.R. DAG
NO. - 591 /613, 591/ 614, L.R. KHATIAN NO - 2132,2133,2134,
WARD NO.- 11 , P.S. - BAGUIATI, DIST - N24 PGS. UNDER
BIDHANNAGAR MUNICIPAL CORPORATION.**

SPECIFICATION :

- 1) ALL DIMENSIONS ARE IN MM. UNLESS SPECIFIED
- 2) GRADE OF CONCRETE - M30
- 3) GRADE OF STEEL - H.Y.S.D. (Fe 500)
- 4) ALL OTHER STRUCTURAL DETAILS SUCH AS LAPPING, COVER, ETC. AS PER IS: 456-2000
- 5) THE DRAWING IS TO BE READ IN CONNECTION WITH ARCHITECTURAL DRAWING
- 6) DO NOT SCALE THE DRAWING. WRITTEN DIMENSIONS ARE TO BE FOLLOWED
- 7) BASIS OF DESIGN ARE BOTH WORKING STRESS & LIMITING STRESS METHOD
- 8) ALL DIMENSIONS SHOULD BE CHECKED AT SITE
- 9) DRAWING SCALES - 1 : 100, 1:50, 1 : 25
- 10) THIS DRAWING IS A PRIVATE & CONFIDENTIAL

NOT BE COPIED OR CHANGED WITHOUT THEIR CONSENT
A.T - ALL THROUGH E.T - EXTRA TOP

CERTIFICATE OF OWNER

I SHALL NOT CONSTRUCT THE BUILDING IN DEVIATION OF THE SUBMITTED PLANS AND DRAWINGS.

SIGNATURE OF OWNER

I CERTIFY THAT ALL THE ARCHITECTURAL DRAWINGS OF THE PROJECT HAVE BEEN PREPARED BY ME COMPLYING WITH THE PROVISION OF BIDHANNAGAR MUNICIPAL CORPORATION (BUILDING RULES) NO SUCH WRONG & INCORRECT INFORMATION HAS BEEN FURNISHED BY ME INCLUDING AREA CALCULATION CHARTS IN THIS DRAWING & NO VIOLATION OF THE PROVISION OF THESE RULES WILL BE FOUND IN ANY OF THE DRAWINGS & DOCUMENTS SUBMITTED TO THE SANCTIONING AUTHORITY FOR OBTAINING SANCTION.

SIGNATURE OF L.B.S.

CERTIFIED THAT THE STRUCTURAL DRAWING AND DESIGN OF BOTH THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING / BUILDINGS HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT . AS PER THESE RULES AND THE REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS,SEISMIC LOAD AND THE 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 ENGINEER

