

ADVANCE COPY

- 1. CONSTRUCTION PARAMETERS:**
- * NOMINAL COVER TO THE NEAREST REINFORCEMENT (INCLUDING LINKS)
FOOTING SIDE - 75mm (3"), FOOTING BOTTOM - 50mm (2").
PEDESTAL - 35mm (1 1/2")
 - * LAP LENGTH
MINIMUM LENGTH - 41xd (d: least diameter of two bars)
 - * DEVELOPMENT LENGTH
MINIMUM LENGTH - 50xd (d: diameter of bar) (from inner face of the support)
- GENERAL NOTES:**
- 1. DRAWING PARAMETERS:**
- * ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE MENTIONED ON DRG.
 - * FIGURED DIMENSIONS SHALL BE FOLLOWED.
 - * THIS DRG. IS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL DRG.
- 2. DESIGN PARAMETERS:**
- * GRADE OF CONCRETE - **M30** For FOOTING (Conforming to IS 456-2000)
 - * GRADE OF STEEL - **Fe500** (Conforming to IS 1786-2008)
- EXECUTION NOTES:**
- THE DESIGN DETAILS FOR PREPARING THE DRAWING SHALL BE STUDIED IN CONJUNCTION WITH SP. 34 ALONG WITH RELEVANT GUIDELINES PRESENTED IN IS 456-2000 AND THE CONSTRUCTION DRAWING SHALL BE PREPARED AND SUBMITTED TO THE STRUCTURAL CONSULTANT FOR APPROVAL.

DATE	NO	REVISION	CHECKED

CLIENT:

HLL Medi Park Limited

PROJECT MANAGEMENT CONSULTANT :

IL&FS IL&FS Cluster Development Initiative Limited

TECHNICAL CONSULTANT :

Taamaesek Engineering Consortium
New no. 5, Old no.2a, Bishop Wallers Avenue west, Mylapore, Chennai - 600 004. Ph : 044-24671157/1139. Fax : 044-24672237.
url: www.taamaesek.com
e-mail: info@taamaesek.com

PROJECT:

SETTING UP OF EMI/EMC TESTING LABORATORY AT HLL MEDIPARK, CHENGALPATTU

DRAWING STAGE: ADVANCE COPY				
DATE:	17-01-18			
SCALE:	1:100			
DETAILER:	VIJAYALAKSHMI			
DESIGNER:	VIJAYALAKSHMI			
APPROVED:	K.SABARISH			

DRAWING TITLE:					
FOOTING LAYOUT & DETAILS - LAB					
Drawing number: TMA-150 / CGL / HML LAB / STR / FOOT. LAY. / 01-01 / R0					
PROJECT CODE	LOCATION	PROJECT NAME	DRAWING TYPE	DRAWING NAME	SHEET NO. REV
TMA-150	CHENGALPATTU	STRUCTURAL	HML LAB	FOOTING LAYOUT	01-01 R0

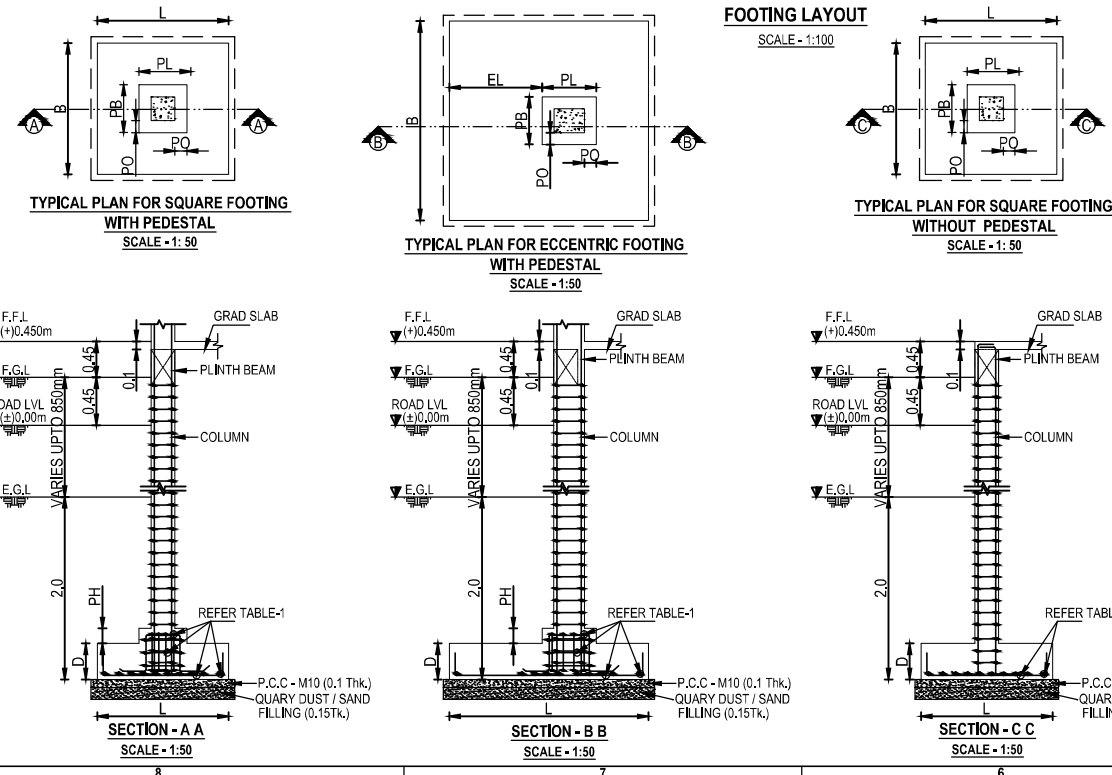
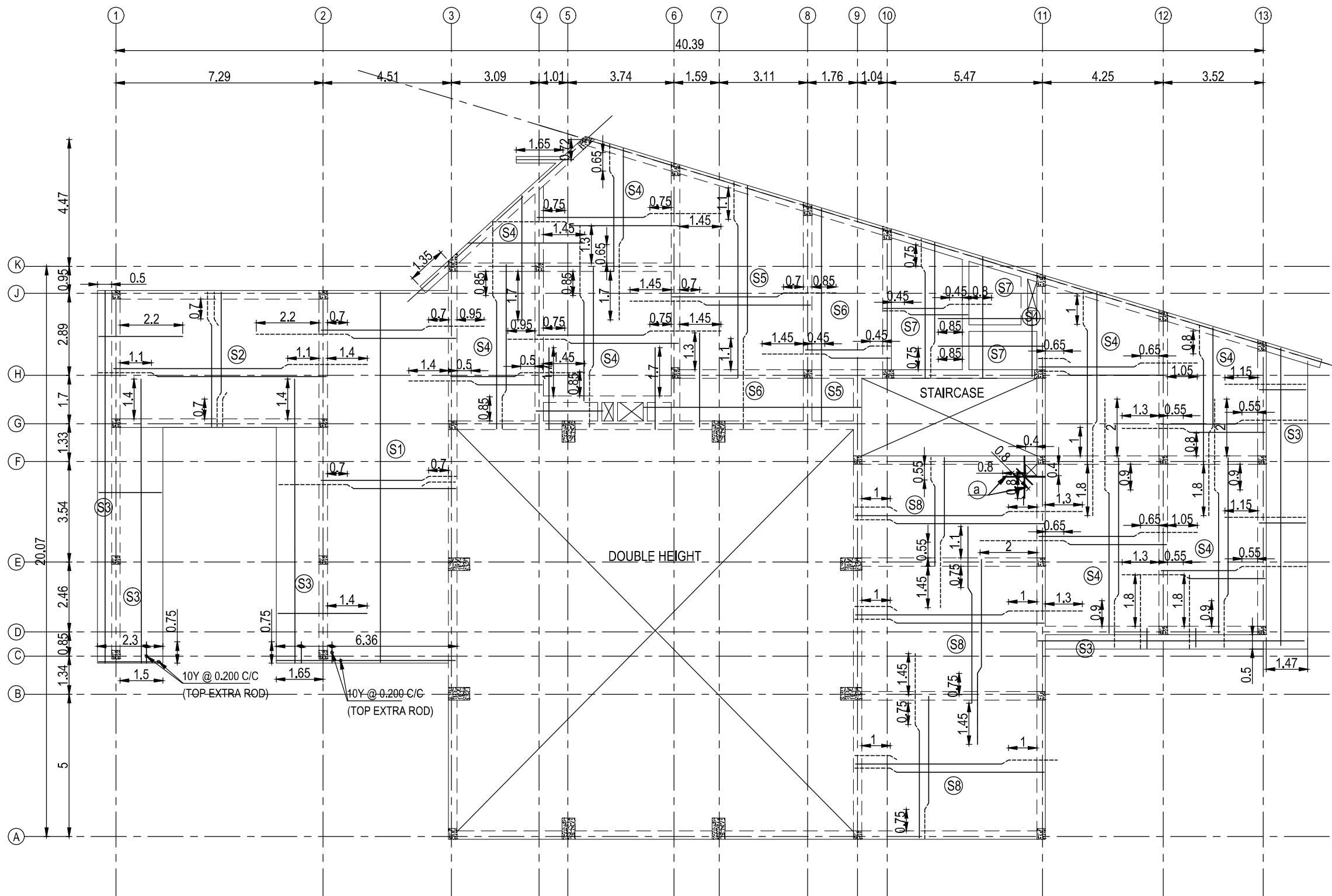
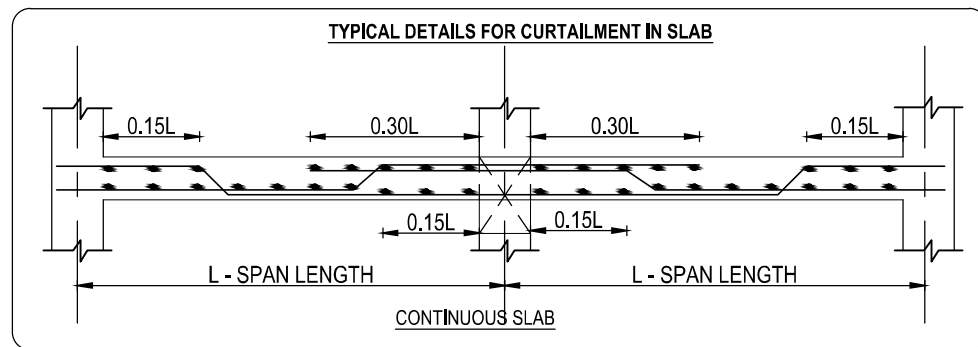


TABLE-1 FOOTING SCHEDULE:													
SL.NO.	TYPE OF FOOTING	SIZE OF FOOTING (m)			FOOTING REINF. (m) (B/W)	PEDESTAL NAME	SIZE OF PEDESTAL (m)				PEDESTAL REINF. (m)		NO OF FOOTING
		L	B	D			PB	PL	PH	PO	MAIN REINF.	PEDESTAL TIES	
1.	SF-01 (STUB FOOTING)	1.00	1.00	0.4	12Y 0.130 C/C	-	-	-	-	-	-	04	
2.	SF-02 (SQUARE FOOTING)	1.45	1.45	0.45	12Y 0.130 C/C	P-01	0.60	0.60	0.19	0.15	12 - 12Y	8Y 0.150 C/C	12
3.	SF-02A (SQUARE FOOTING)	1.45	1.45	0.45	12Y 0.130 C/C	P-01A	0.60	0.743	0.19	0.15	13 - 12Y	8Y 0.150 C/C	02
4.	SF-02B (SQUARE FOOTING)	1.45	1.45	0.45	12Y 0.130 C/C	P-06	0.60	0.68	0.30	0.15	12 - 12Y	8Y 0.150 C/C	01
5.	SF-03 (SQUARE FOOTING)	2.15	2.15	0.45	12Y 0.130 C/C	P-01	0.60	0.60	0.19	0.15	12 - 12Y	8Y 0.150 C/C	06
6.	SF-03A (SQUARE FOOTING)	2.15	2.15	0.45	12Y 0.130 C/C	P-02	0.60	0.953	0.19	0.15	16 - 12Y	8Y 0.150 C/C	01
7.	SF-03B (SQUARE FOOTING)	2.15	2.15	0.45	12Y 0.130 C/C	P-03	0.60	0.859	0.19	0.15	16 - 12Y	8Y 0.150 C/C	01
8.	SF-03C (SQUARE FOOTING)	2.15	2.15	0.45	12Y 0.130 C/C	P-04	0.60	0.771	0.19	0.15	14 - 12Y	8Y 0.150 C/C	02
9.	SF-03D (SQUARE FOOTING)	2.15	2.15	0.45	12Y 0.130 C/C	P-06	0.60	0.68	0.30	0.15	12 - 12Y	8Y 0.150 C/C	01
10.	SF-04 (SQUARE FOOTING)	2.21	2.21	0.45	12Y 0.130 C/C	P-05	0.75	1.05	0.35	0.15	20 - 12Y	8Y 0.150 C/C	05
11.	SF-04A (SQUARE FOOTING)	2.21	2.21	0.45	12Y 0.130 C/C	P-01	0.60	0.60	0.35	0.15	12 - 12Y	8Y 0.150 C/C	02
12.	SF-05 (SQUARE FOOTING)	2.65	2.65	0.50	12Y 0.130 C/C	P-05	0.75	1.05	0.30	0.15	20 - 12Y	8Y 0.150 C/C	03
13.	SF-05A (SQUARE FOOTING)	2.65	2.65	0.50	12Y 0.130 C/C	P-06	0.60	0.68	0.30	0.15	12 - 12Y	8Y 0.150 C/C	02
14.	SF-05B (SQUARE FOOTING)	2.65	2.65	0.50	12Y 0.130 C/C	P-04	0.60	0.771	0.30	0.15	14 - 12Y	8Y 0.150 C/C	02
	EF-01 (ECCENTRIC FOOTING)	2.21	2.21	0.45	12Y 0.130 C/C	P-06	0.60	0.68	0.30	0.15	12 - 12Y	8Y 0.150 C/C	01



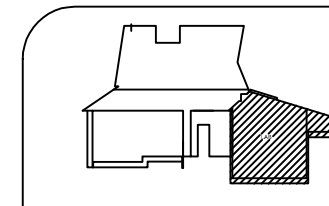
FIRST FLOOR LAYOUT
SCALE - 1:100

a) - 10Y @ 0.200 C/C(T/B)
(EXT.)



SLAB NO.	TYPE OF SLAB	SHORTER DIRECTION	LONGER DIRECTION	SLAB THICKNESS	REMARK
S1	ONE WAY	10Y @ 0.175 C/C	10Y @ 0.200 C/C	0.18	
S2	TWO WAY	10Y @ 0.175 C/C	10Y @ 0.200 C/C	0.18	
S3	CANTILEVER	10Y @ 0.15 C/C	10Y @ 0.200 C/C	0.15	
S4	TWO WAY	10Y @ 0.200 C/C	10Y @ 0.200 C/C	0.15	
S5	TWO WAY	10Y @ 0.200 C/C	10Y @ 0.200 C/C	0.18	
S6	ONE WAY	10Y @ 0.15 C/C	10Y @ 0.200 C/C	0.15	
S7	TWO WAY	10Y @ 0.200 C/C	10Y @ 0.200 C/C	0.15	SUNKEN-200MM
S8	ONE WAY	10Y @ 0.15 C/C	10Y @ 0.200 C/C	0.15	

KEY PLAN:



ADVANCE COPY

1. CONSTRUCTION PARAMETERS:

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- * LAP LENGTH
MINIMUM LENGTH - 41xd (d: least diameter of two bars)
- * DEVELOPMENT LENGTH
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GENERAL NOTES:

1. DRAWING PARAMETERS:

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- * FIGURED DIMENSIONS SHALL BE FOLLOWED.
- * THIS DRG. IS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL DRG.

2. DESIGN PARAMETERS:

- * GRADE OF CONCRETE - **M35** For FOOTING (Conforming to IS 456-2000)
- * GRADE OF STEEL - **Fe500** (Conforming to IS 1786-2008)

EXECUTION NOTES:

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DESIGNER:	VIJAYALAKSHMI		
APPROVED:	K.SABARISH		

SHEET SIZE

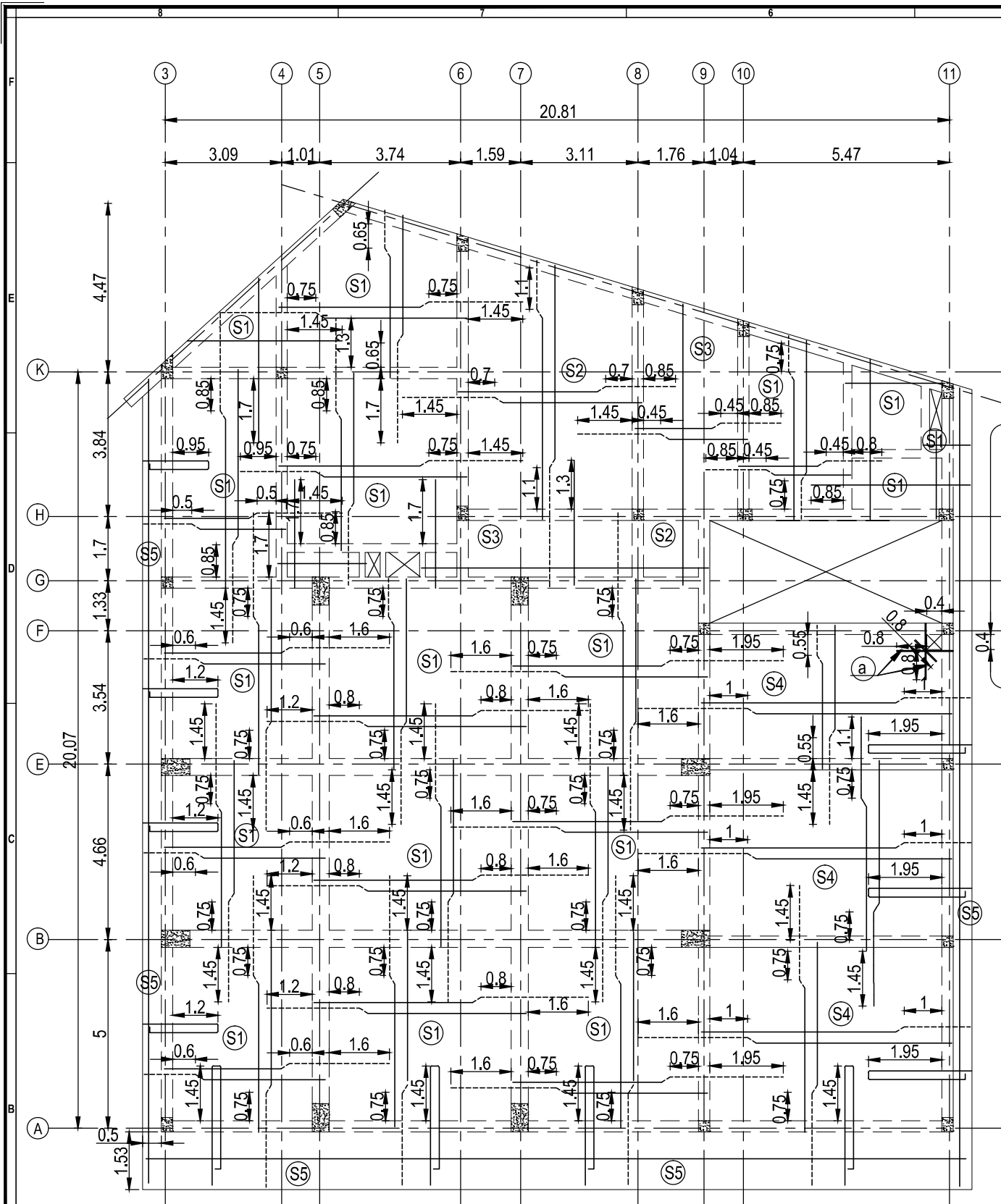
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DRAWING TITLE:

FIRST FLOOR SLAB LAYOUT & DETAILS - LAB

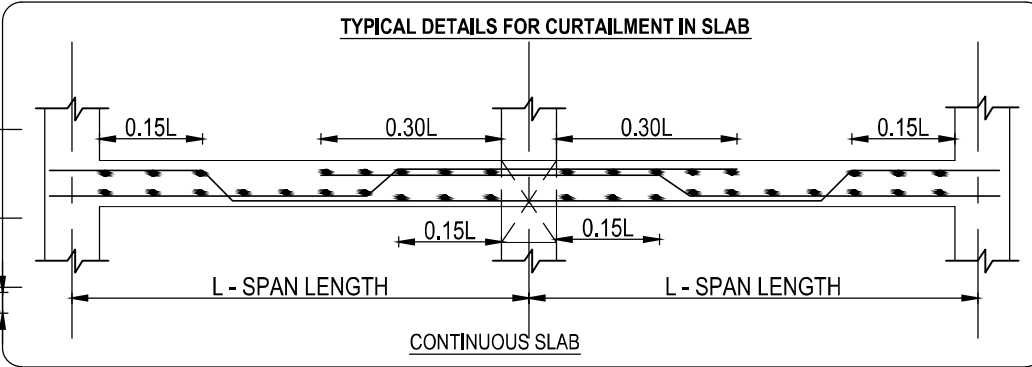
Drawing number: TMA-150 / CGL / HML LAB / STR / FS. LAY. / 01-01 / R0

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TMA-150	CHENGALPATTU	STRUCTURAL	HML LAB	SLAB LAYOUT	01-01	R0



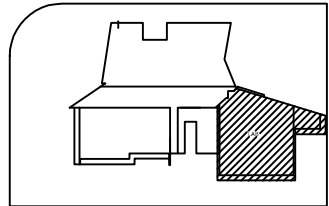
TERRACE FLOOR LAYOUT
SCALE - 1:100

a - 10Y @ 0.200 C/C(T/B)
(EXT.)



SLAB NO.	TYPE OF SLAB	SHORTER DIRECTION	LONGER DIRECTION	SLAB THICKNESS	REMARK
S1	TWO WAY	10Y @ 0.200 C/C	10Y @ 0.200 C/C	0.15	
S2	TWO WAY	10Y @ 0.175 C/C	10Y @ 0.200 C/C	0.15	
S3	ONE WAY	10Y @ 0.200 C/C	10Y @ 0.200 C/C	0.15	
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APPROVED:	K.SABARISH		

SHEET SIZE

A2

DRAWING TITLE:

TERRACE FLOOR SLAB LAYOUT &
DETAILS - LAB

Drawing number: TMA-150 / CGL / HML LAB / STR / FS. LAY. / 01-01 / R0

PROJECT CODE	LOCATION	PROJECT NAME	DRAWING TYPE	DRAWING NAME	SHEET NO.	REV
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