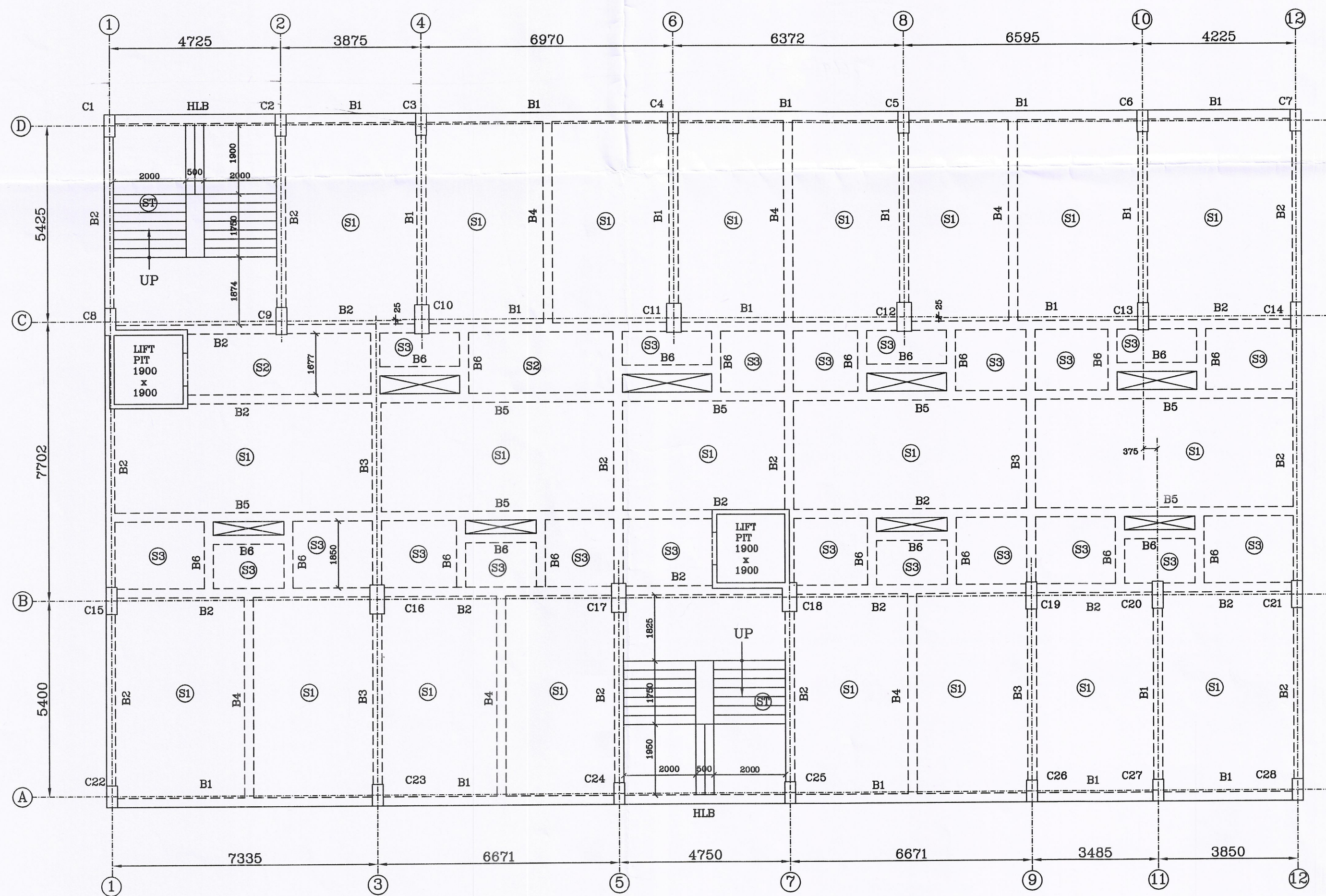
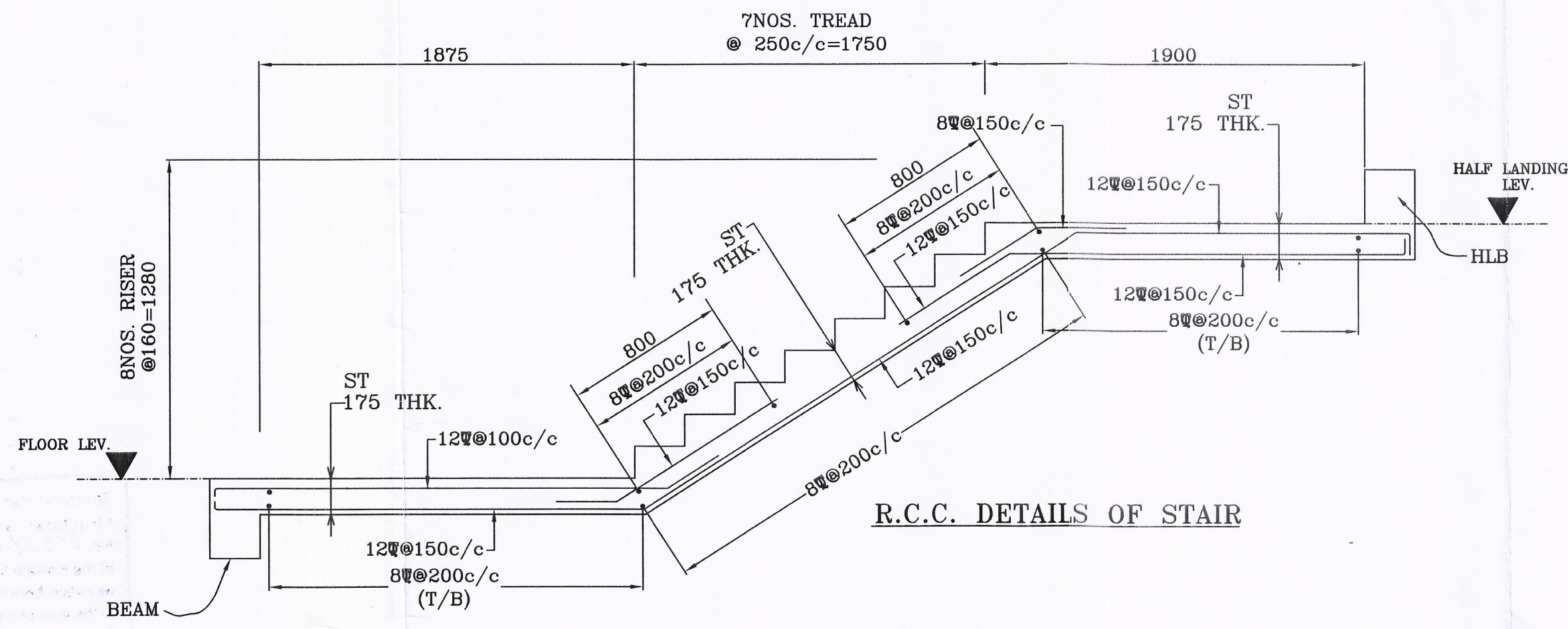


SCHEDULE OF SLAB.

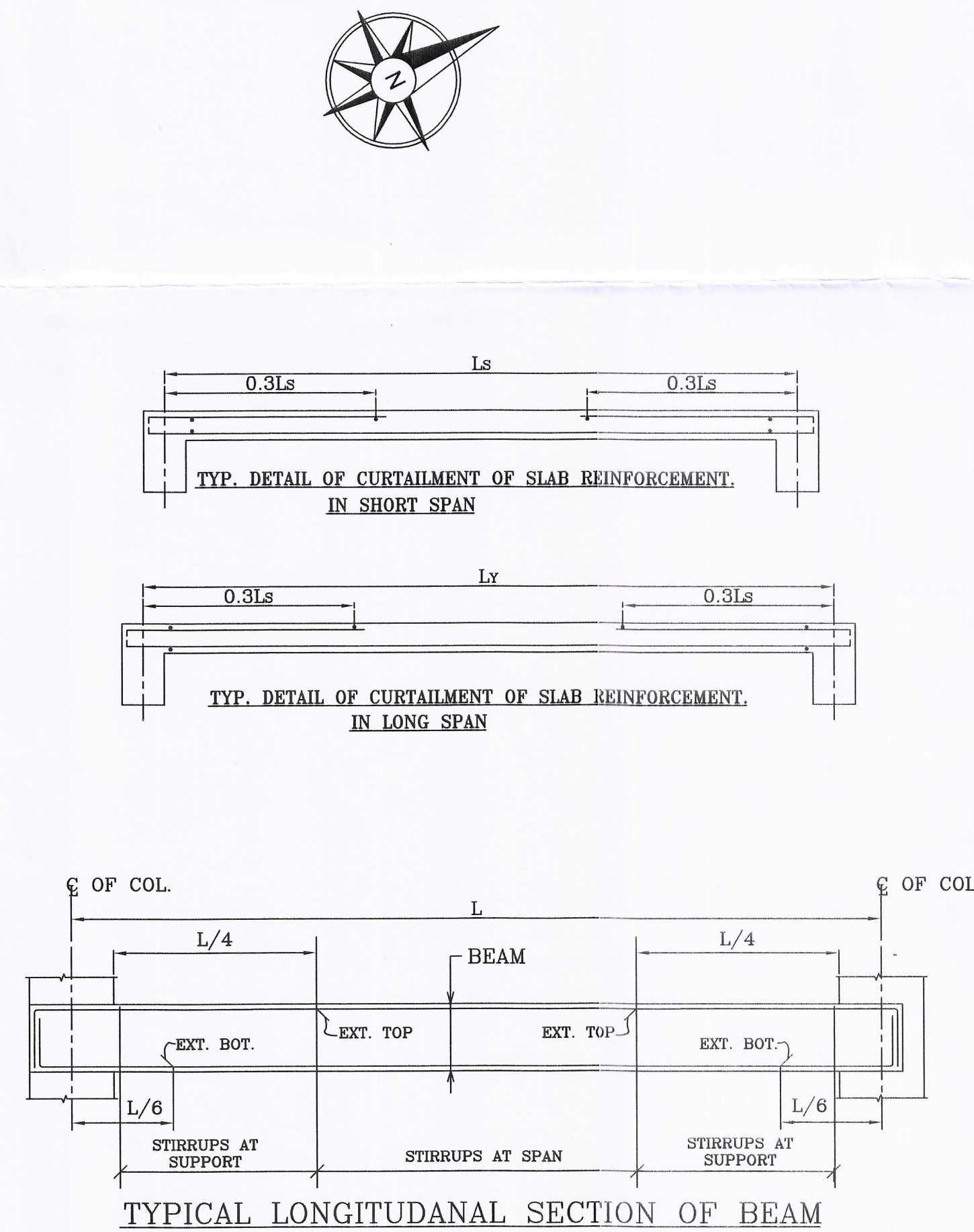
SLAB MKD.	OVER ALL DEPTH (mm.)	REINFORCEMENT DETAILS								REMARKS
		SHORT SPAN				LONG SPAN				
		MID. SECTION		SUPPORT SECTION		MID. SECTION		SUPPORT SECTION		
BOTTOM	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	TOP			
S1	125	8 Φ @125C/C	—	8 Φ @125C/C	8 Φ @125C/C	8 Φ @150C/C	—	8 Φ @150C/C	8 Φ @150C/C	
S2	125	8 Φ @150C/C	8 Φ @150C/C	8 Φ @150C/C	8 Φ @150C/C	8 Φ @200C/C	—	8 Φ @200C/C	8 Φ @200C/C	
S3	125	8 Φ @200C/C	8 Φ @200C/C	8 Φ @200C/C	8 Φ @200C/C	8 Φ @200C/C	—	8 Φ @200C/C	8 Φ @200C/C	
ST	175	8 Φ @200C/C	—	8 Φ @200C/C	8 Φ @200C/C	12 Φ @150C/C	—	12 Φ @150C/C	12 Φ @150C/C	STAIR WAIST SLAB.
LIFT WALL	150TH	8 Φ @150C/C (VERTICAL EACH FACE)				8 Φ @150C/C (HORIZONTAL EACH FACE)				

SCHEDULE OF FLOOR BEAM.

BEAM MKD.	OVER ALL DEPTH (mm.)	RIB WIDTH (mm.)	LONGITUDINAL REINFORCEMENT						STIRRUPS			REMARKS
			MID SPAN		L.H.S		R.H.S		L.H.S	R.H.S	MID SPAN	
			BOT	TOP	BOT	TOP	BOT	TOP	L.H.S	R.H.S	MID SPAN	
B1	600	250	3-20 Φ 3-16 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	8 Φ 2L@125C/C	8 Φ 2L@125C/C	8 Φ 2L@150C/C	1-12T (E/F)
B2	600	250	3-20 Φ 2-20 Φ	3-25 Φ 3-25 Φ	3-20 Φ 3-25 Φ	3-20 Φ 3-25 Φ	3-20 Φ 3-25 Φ	3-20 Φ 3-25 Φ	8 Φ 2L@125C/C	8 Φ 2L@125C/C	8 Φ 2L@150C/C	1-12T (E/F)
B3	600	300	3-25 Φ 3-20 Φ	3-32 Φ 3-25 Φ	3-25 Φ 3-32 Φ	3-25 Φ 3-32 Φ	3-25 Φ 3-32 Φ	3-25 Φ 3-32 Φ	8 Φ 2L@125C/C	8 Φ 2L@125C/C	8 Φ 2L@150C/C	1-12T (E/F)
B4	500	250	3-20 Φ 2-16 Φ	2-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	8 Φ 2L@150C/C	8 Φ 2L@150C/C	8 Φ 2L@150C/C	
B5	550	250	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	8 Φ 2L@150C/C	8 Φ 2L@150C/C	8 Φ 2L@150C/C	1-12T (E/F)
B6	400	250	2-20 Φ 3-16 Φ	2-20 Φ 3-20 Φ	2-20 Φ 3-20 Φ	2-20 Φ 3-20 Φ	2-20 Φ 3-20 Φ	2-20 Φ 3-20 Φ	8 Φ 2L@125C/C	8 Φ 2L@125C/C	8 Φ 2L@150C/C	HALF LANDING BEAM
HLB	600	250	3-20 Φ 3-16 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	3-20 Φ 3-20 Φ	8 Φ 2L@125C/C	8 Φ 2L@125C/C	8 Φ 2L@150C/C	HALF LANDING BEAM



LAYOUT PLAN OF BEAMS & SLABS AT TYPICAL FLOOR LEVEL



TYPICAL LONGITUDINAL SECTION OF BEAM

DECLARATION OF STRUCTURAL REVIEWER :-
I DO HEREBY CERTIFY THAT THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

Rupak Kumar Banerjee
RUPAK KUMAR BANERJEE
B.C.E., M.E.M.I.E., M.I.G.S.
CHARTERED ENGINEER
STRUCTURAL REVIEWER
ESR-(I) 144/2
(M) 9830148993

SIGNATURE OF ESR
(RUPAK KUMAR BANERJEE & LICENSE NO.ESR-(I)144/2)

DECLARATION OF STRUCTURAL ENGINEER :-
I DO HEREBY CERTIFY THAT THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS.

Asok Chakrabarti
Asok Chakrabarti
Chartered Engineer
Empanelled Structural Engineer of K.M.C.
ESE-1/135

SIGNATURE OF ESE
(ASOK CHAKRABORTI & LICENSE NO.135/1)

DECLARATION OF GEO.-TECH. ENGINEER :-
UNDERSIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREON. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION & THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE & STABLE IN ALL RESPECT FROM GEO.-TECHNICAL POINT OF VIEW.

Rupak Kumar Banerjee
RUPAK KUMAR BANERJEE
B.C.E., M.E., M.I.G.S.
M.I.E., CHARTERED ENGINEER
EMLISTED GEO TECHNICAL ENGINEER (K.M.C.)
G.T/13 (K.M.C.) LM-4279, M.-153878-5

SIGNATURE OF GEOTECHNICAL ENGINEER
(RUPAK KUMAR BANERJEE & LICENSE NO.GT-1/3)

DECLARATION OF ARCHITECT :-
CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULE 2009 AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING THE ADJOINING ROAD CONFORMS WITH THE PLAN, WHICH HAS BEEN MEASURED AND VERIFIED BY ME. IT IS A TANK OR FILLED UP TANK. THE CONSTRUCTION OF U.G. WATER TANK AND SEPTIC TANK WILL BE COMPLETED BEFORE STARTING OF BUILDING FOUNDATION WORK. THE LAND IS DEMARCATED BY BOUNDARY WALL. THE PLOT IS EXISTING STRUCTURE DEMOLISHED BEFORE STARTING NEW CONSTRUCTION.

AMLAN MUKHERJEE
AMLAN MUKHERJEE
Regd. Architect
CA/98/23583

SIGNATURE OF ARCHITECT
(AMLAN MUKHERJEE & CA/98/23583)

BEEU REALTY PVT. LTD.
Zafar Ahmad Khilji
DIRECTOR
CONSTITUTED ATTORNEY OF
FARID MIRZA, FARIA MIRZA,
ASAD MIRZA, M/S NIRVANA TOURS & TRAVELLERS EXPRESS CLUB
SIGNATURE OF DIRECTOR

BEEU REALTY PVT. LTD. C.A. OF FARID MIRZA, ASAD MIRZA, FARIA MIRZA, M/S NIRVANA TOURS & M/S TRAVELLERS EXPRESS CLUB.

- NOTES**
- ALL DIMENSION'S ARE IN mm. UNLESS OTHERWISE SPECIFIED
 - CONC. MIX FOR ALL R.C.C. WORK SHALL BE GRADE M40
 - ALL REINFORCING STEEL FOR R.C.C. WORK SHALL BE COLD TWISTED DEFORMED ROD OF GRADE Fe-500 CONFORMING TO I S CODE : 1786 - 1979 (LATEST).
 - CUTTING, BENDING, BINDING, PLACING & LAPPING OF REINFORCING STEEL SHALL BE AS PER STANDARD PRACTICES. CONFORMING TO I S CODE : 2502 (LATEST).
 - CONCRETING WORK SHALL CONFORM TO I S CODE : 456 (LATEST).
 - MIN. CLEAR CONC. COVER SHALL BE AS FOLLOWS :
(a) PILE- 50 mm. PILECAP (b) TIE BEAM-40 & COL-50mm.
 - FOR ALL R.C.C. WORK, WATER & CEMENT RATIO SHALL BE BETWEEN 0.50 TO 0.65 WITH A MAX. SLUMP 100.
 - WHERE TIE BEAM IS NOT PROVIDED 230 THK BRICK WALL WILL START FROM TOP GRADE BEAM AS SHOWN IN THE DRAWING.
 - ALL R.C.C. WORK FOR PILES, PILECAP & PEDESTAL SHALL BE OF GRADE M25 CONFORMING TO IS : 456-2000.

RELEASE STATUS:- TENDER DRAWING
PROJECT
PROPOSED B+G+VII STORIED
MERCANTILE BUILDING PLAN AT
PRE. NO -2A, MIRZA GALIB STREET, WARD
NO.-46, BOROUGH NO.-VI, P.S.-TALTALA,
KOLKATA- 700087, UNDER KMC.
UNDER RULE 142 OF K.M.C. BUILDING RULE 2009.

TITLE
LAYOUT MARKING PLAN AND R.C.C DETAILS OF FLOOR BEAMS AND SLAB

DRAWN - S MONDAL	CHECKED - A.C	SCALE - 1:100.25
REVISED -	DATE - 13.09.2022	
APPROVED - A.C	JOB NO. -	
DRAWING NO. - P / 3 OF 3	REV NO. -	

ON REQUEST
FOR THE
RESEARCHER'S INFORMATION
ONLY
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