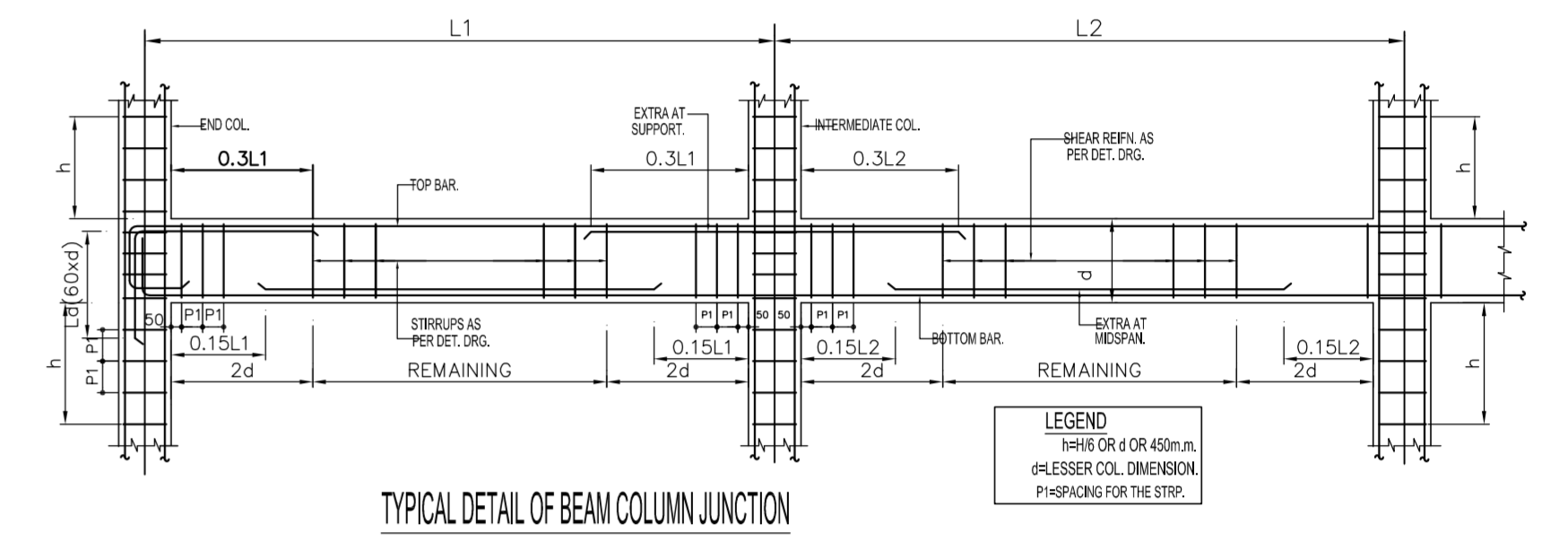
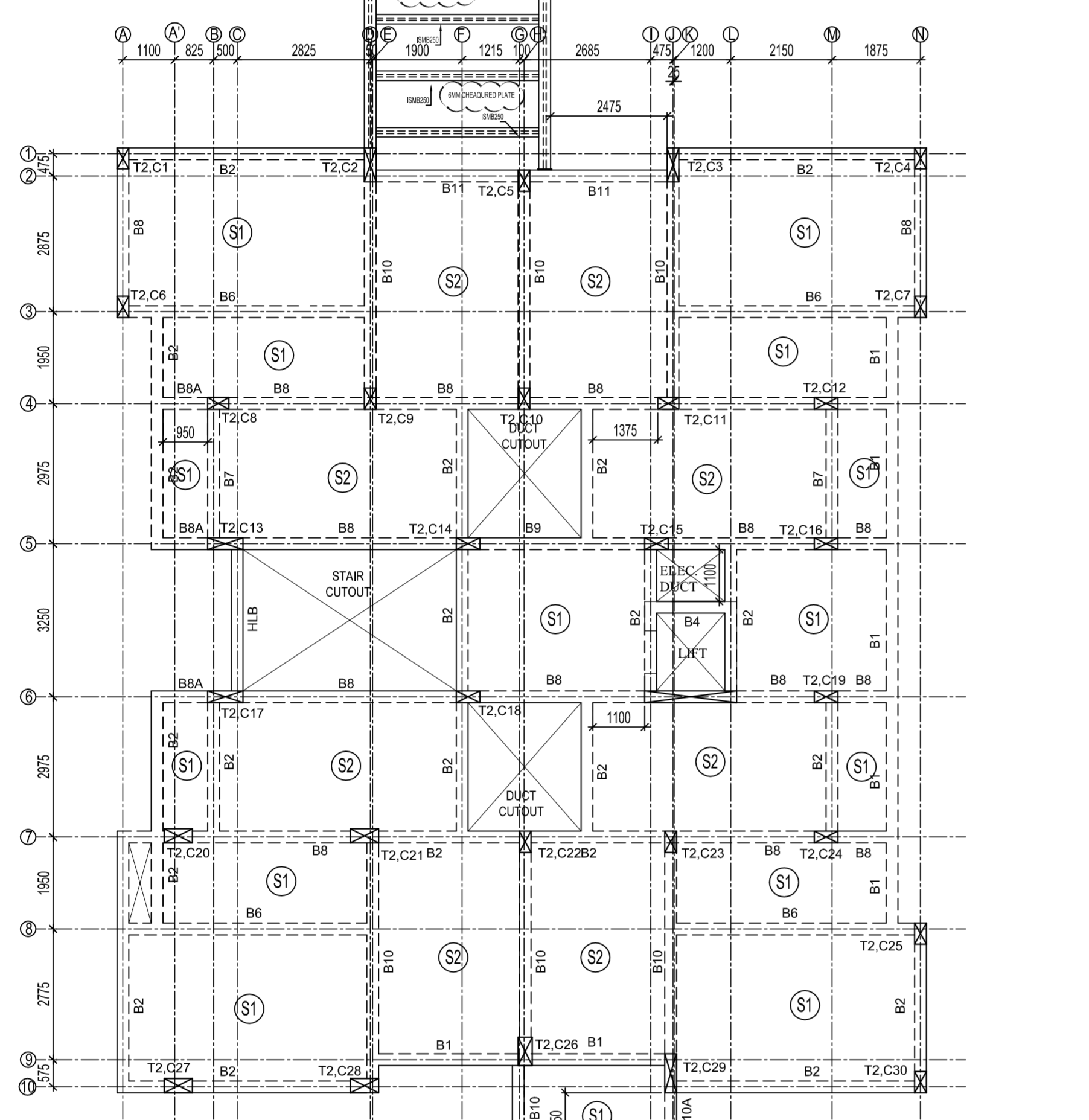


TOWER - 3, 2ND FL. BEAM AND SLAB LAYOUT PLAN

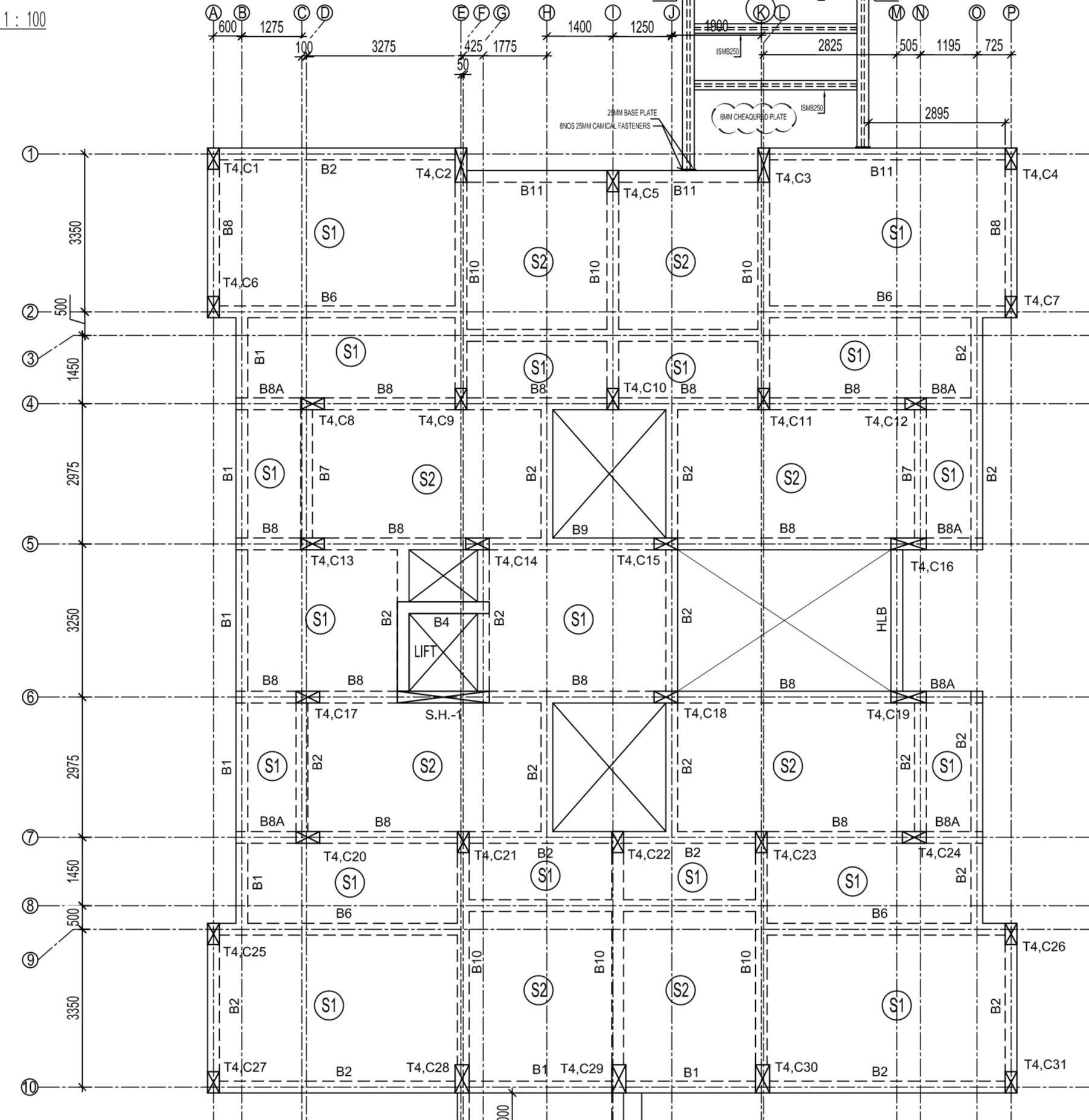
TYPICAL FLOOR BEAM SCHEDULE - (M20 AND FE 500)						
MKD.	SIZE (MMxMM)	TOP		BOT.		STIRRUPS (2 LEGGED)
		ALTH	EXTD SUPPT.	ALTH	EXTD SPAN	
B1	250x450	2-16#1	2-12#1	2-16#1	2-12#1	8#18@25mm C/C
B2	250x450	2-16#1	2-16#1	2-16#1	2-12#1	8#18@25mm C/C
B3	250x450	2-16#1	2-20#1	2-16#1	2-16#1	8#18@25mm C/C
B4	250x450	2-16#1	2-20#1	2-20#1+2-16#1	---	8#18@25mm C/C
B5	250x450	2-16#1	2-16#1	2-16#1	2-16#1	8#18@25mm C/C
B6	250x450	2-16#1	2-16#1	3-16#1	---	8#18@25mm C/C
B7	250x450	2-16#1	2-16#1	2-16#1	2-16#1	8#18@25mm C/C
B8	250x450	3-16#1	2-20#1	3-16#1	2-16#1	8#18@25mm C/C
B8A	250x450	2-16#1+2-20#1	---	5-16#1	---	8#18@25mm C/C
B9	250x450	2-16#1	2-20#1	2-16#1	2-20#1	8#18@25mm C/C
B10	250x450	2-16#1+1-20#1	2-20#1	3-16#1	2-16#1	8#18@25mm C/C
B10A	250x450	2-16#1+3-20#1	---	3-16#1	---	8#18@25mm C/C
B11	250x800	3-20#1	2-20#1	3-20#1	2-20#1	8#18@25mm C/C
H.L.B.	250x450	3-16#1	---	3-16#1	---	8#18@25mm C/C



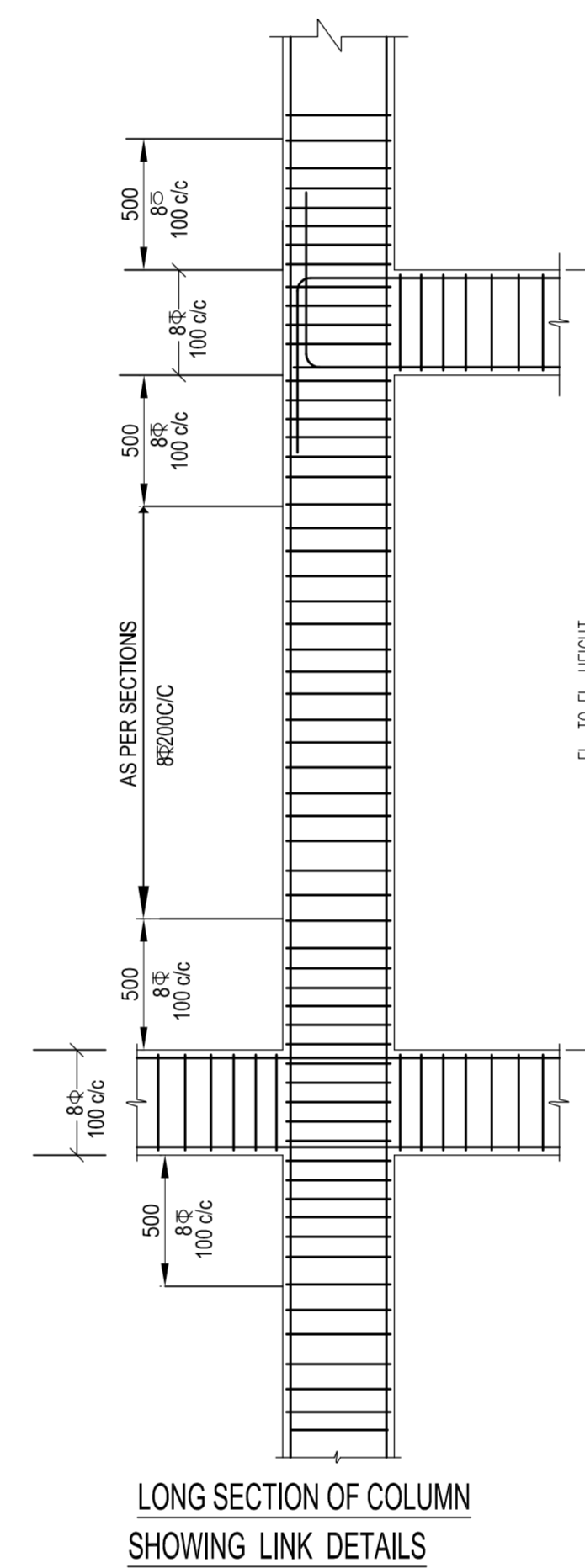
TYPICAL DETAIL OF BEAM COLUMN JUNCTION



TOWER - 2



TOWER - 4



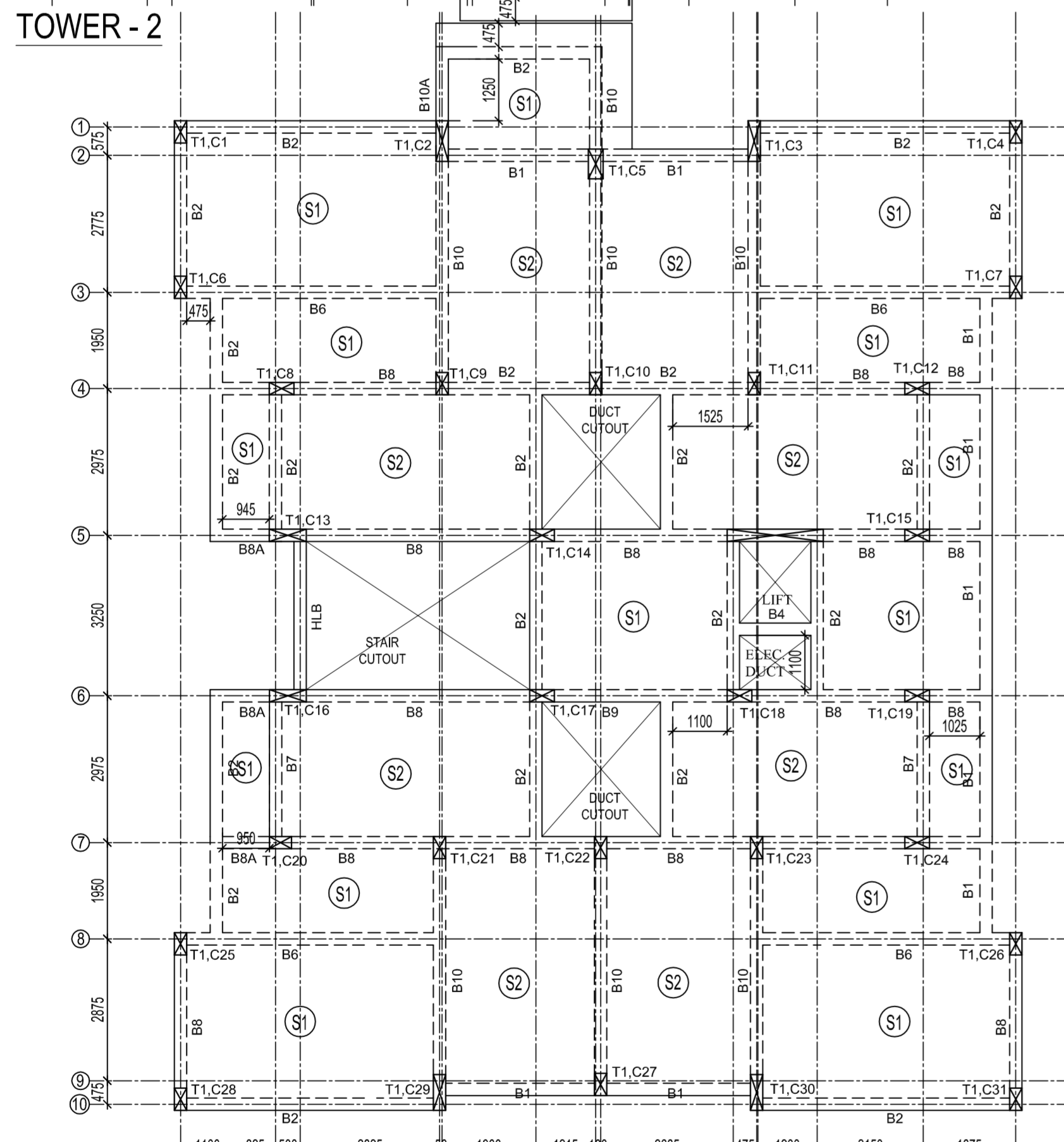
LONG SECTION OF COLUMN SHOWING LINK DETAILS

SCHEDULE OF SLAB (S1)	
SLAB THICKNESS AS MENTIONED - 115 MM (M20 AND FE 500) (ALONG SHORTER DIRECTION)	
SUPPORT	8mm@135mm c/c at top of support & extended upto L3 from beam.
SPAN	8mm@150mm c/c at span & alternately curtailed at L4 from beam.
SLAB THICKNESS AS MENTIONED - 115 MM (M20 AND FE 500) (ALONG LONGER DIRECTION)	
SUPPORT	8mm@165mm c/c at top of support & extended upto L3 from beam.
SPAN	8mm@175mm c/c at span & alternately curtailed at L4 from beam.

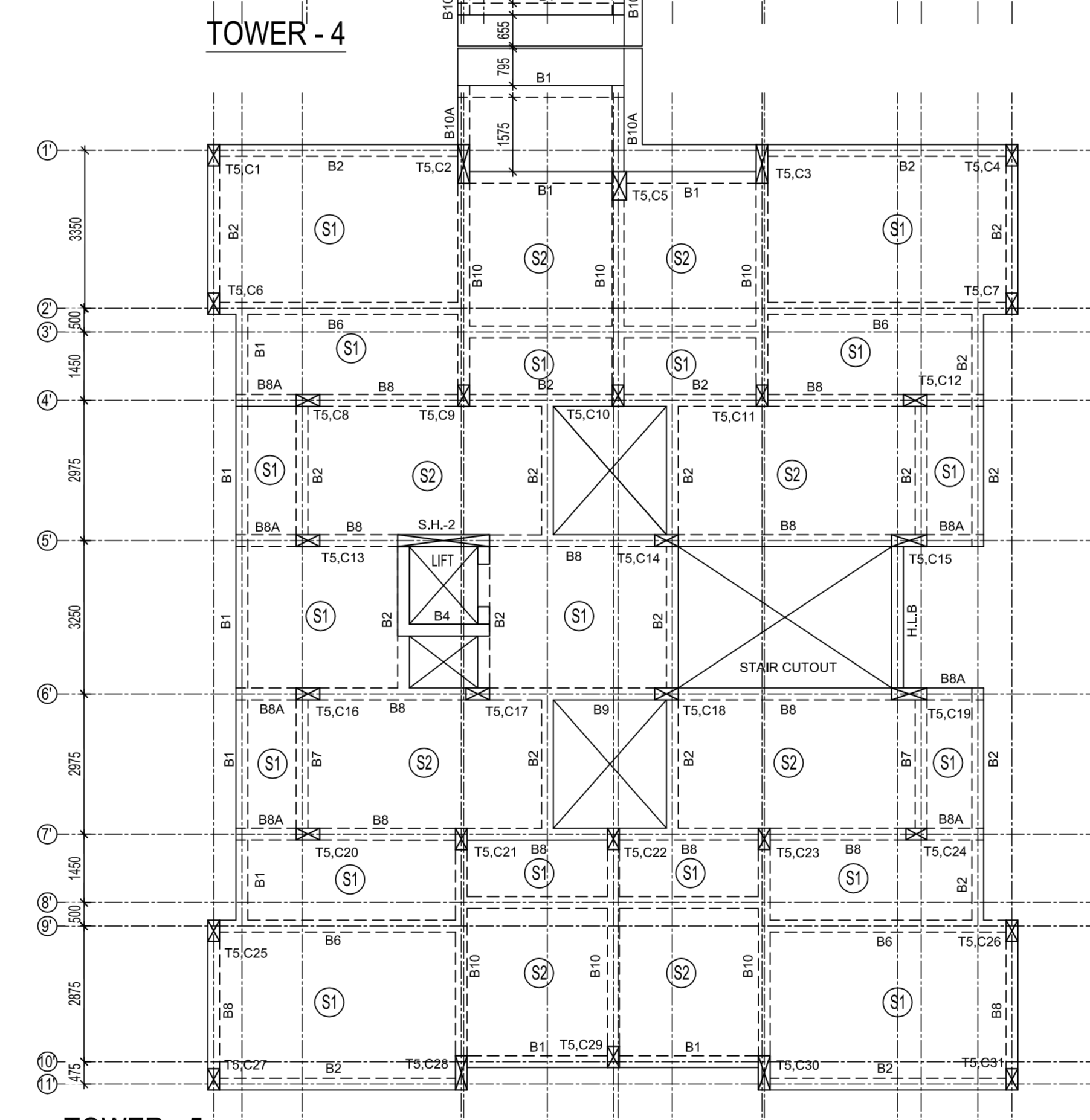
SCHEDULE OF SLAB (S2)	
SLAB THICKNESS AS MENTIONED - 125 MM (M20 AND FE 500) (ALONG SHORTER DIRECTION)	
SUPPORT	8mm@125mm c/c at top of support & extended upto L3 from beam.
SPAN	8mm@135mm c/c at span & alternately curtailed at L4 from beam.
SLAB THICKNESS AS MENTIONED - 125 MM (M20 AND FE 500) (ALONG LONGER DIRECTION)	
SUPPORT	8mm@135mm c/c at top of support & extended upto L3 from beam.
SPAN	8mm@150mm c/c at span & alternately curtailed at L4 from beam.

SCHEDULE OF SLAB (S3)	
SLAB THICKNESS AS MENTIONED - 150 MM (M20 AND FE 500) (ALONG SHORTER DIRECTION)	
SUPPORT	8mm@135mm c/c at top of support & extended upto L3 from beam.
SPAN	8mm@150mm c/c at span & alternately curtailed at L4 from beam.
SLAB THICKNESS AS MENTIONED - 150 MM (M20 AND FE 500) (ALONG LONGER DIRECTION)	
SUPPORT	8mm@135mm c/c at top of support & extended upto L3 from beam.
SPAN	8mm@165mm c/c at span & alternately curtailed at L4 from beam.

- NOTES :-
1. ALL DIMENSIONS ARE IN MM
 2. ALL CONCRETE SHOULD BE OF GRADE M20 UNLESS SPECIFIED
 3. COVER TO REINFORCEMENT
COLUMN = 40mm, BEAM = 30mm
SLAB = 15mm, FOUNDATION = 50mm
 4. DEPTH OF EXCAVATION OF UNDER GROUND SUMP SHOULD BE ABOVE THAT OF FOUNDATION.
 5. DO NOT SCALE THE DRAWING. FOLLOW WITH DIMENSION.
 6. ALL WALLS ARE AS PER ARCHITECTURAL DRAWINGS
 7. LEAN CONCRETE (1:3:6) NOMINAL MIX 75 THK. SHALL BE PROVIDED UNDER FOUNDATION.
 8. THE DRAWINGS SHOULD BE STUDIED CAREFULLY AND ALL DIMENSIONS SHOWN HERE SHOULD BE CHECKED AT SITE. CLARIFICATION REGARDING DISCREPANCY IF ANY, SHOULD BE OBTAINED BEFORE COMMENCEMENT OF WORK.
 9. SPACER BAR USED SHALL BE OF 20mm. OR DIAMETER OF THE BAR USED IN THE JOB WHICH IS LARGER.
 10. STEEL TO BE USED SHOULD BE OF Fe-500 GRADE. REINFORCEMENT SHOULD BE WITH COLD TWISTED DEFORMED BARS CONFORMING TO IS - 1786 AND HAVE BEEN SHOWN AS - Φ
 11. DEPTH OF EXCAVATION OF UNDER GROUND SUPPRESSOR SHOULD BE ABOVE THE DEPTH OF FOUNDATION OF THE ADJACENT BUILDING / STRUCTURE.
 12. LAP LENGTH OF STEEL BAR SHALL BE 50 ϕ OF BAR



TOWER - 1



TOWER - 5

2ND FLOOR BEAM AND SLAB LAYOUT PLAN OF TOWER - 1 AND TOWER-2

2ND FLOOR BEAM AND SLAB LAYOUT PLAN OF TOWER - 4 AND TOWER-5

STRUCTURAL CERTIFICATE

I WE DO HEREBY CERTIFY THAT THE FOUNDATION AND SUPER STRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION AT HOLDING 247, N.S ROAD, WARD NO. 26, UNDER THE JURISDICTION OF RAJPUR SONARPUR HAVE BEEN PERSONALLY INSPECTED AND SO DESIGN BY ME/US WILL MAKE SUCH FOUNDATION AND SUPERSTRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL AND OTHER CONDITIONS. IF ANY, CONFIRMING TO ALL STIPULATIONS OF ALL RELEVANT IS CODE OF PRACTICE AND NATIONAL BUILDING CODE.

DIPANKAR BHOWMIK
B.E. M.A.E. P.I.V.
ENLISTMENT NO-ESE 91/RJPSON/ES/2014-15
RAJPUR SONARPUR MUNICIPALITY
NAME OF STRUCTURAL ENGINEER

I WE DO HEREBY CERTIFY THAT THE FOUNDATION AND SUPER STRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION AT HOLDING 247, N.S ROAD, WARD NO. 26, UNDER THE JURISDICTION OF RAJPUR SONARPUR HAVE BEEN PERSONALLY INSPECTED AND SO DESIGN BY ME/US WILL MAKE SUCH FOUNDATION AND SUPERSTRUCTURE SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL AND OTHER CONDITIONS. IF ANY, CONFIRMING TO ALL STIPULATIONS OF ALL RELEVANT IS CODE OF PRACTICE AND NATIONAL BUILDING CODE.

ALOK ROY
ENLISTED GEOTECHNICAL ENGG.
RAJPUR SONARPUR MUNICIPALITY
ENLISTMENT NO-08/G.T.E. CLASS-I
NAME OF GEOTECHNICAL ENGINEER

DECLARATION OF E.B.A.

I/WE DO HEREBY CERTIFY THAT PLANS, ELEVATIONS AND SECTIONS AND OTHER STRUCTURAL DETAILS OF THE PROPOSED BUILDINGS ON HOLDING NUMBER 247 N.S ROAD, WARD NO.26, UNDER THE JURISDICTION OF RAJPUR SONARPUR MUNICIPALITY HAVE BEEN PREPARED IN CONFIRMING WITH ALL RELEVANT PROVISIONS UNDER THE WEST BENGAL MUNICIPAL (BUILDING) RULES 2007. THIS ALSO TO CERTIFY THAT RELEVANT NO OBJECTION CERTIFICATES FROM THE RESPECTIVE AUTHORITIES SUCH AS, FIRE AND EMERGENCY SERVICE DEPARTMENT, AIRPORT AUTHORITY, POLLUTION CONTROL BOARD, TELECOMMUNICATION DEPARTMENT ETC. AS APPLICABLE IN THIS REGARD, ARE ALSO ENCLOSED WITH THE APPLICATIONS FOR SEEKING APPROVAL OF THE PLAN TO CONSTRUCT/RECONSTRUCT/ADDITION TO ALTERATION OF THE BUILDING ON THE SAID HOLDING.

SARBANI MAJUMDER
COA, REG.NO. 92/15458
E.B.A. NO - 055
UNDER RAJPUR SONARPUR MUNICIPALITY
NAME OF E.B.A.

RESHMI SAHA AND OTHERS
OWNER'S NAME

PROJECT

REVISED G +IV STORIED RESIDENTIAL BUILDING AT HOLDING NO. 247, N.S.ROAD, R.S.DAG NO. - 2256,2402, 2298 TO 2301,2401, L.R DAG NO. - 2241,2402,2291 TO 2294,2401;R.S. KHATIAN NO. 499,180,519/520, 426, 212, 254,87. L.R. KHATIAN NO. 3072,3061,3064,3063,2920,2921,1646,2595, 2022,1647,1644,2588,2023, J.L.NO.-56,WARD NO. - 26, MOUZA- UKHILA PAIKPARA, P.S.-SONARPUR, DIST.-24PGS.(S), UNDER RAJPUR SONARPUR MUNICIPALITY. VIDE SANC PLAN NO.187/CB/26/92; DT.24/01/2022

TITLE

STRUCTURAL SHEET
2nd FLOOR BEAM LAYOUT PLAN SCHEDULE AND DETAILS.

NAME OF OWNER : RESHMI SAHA AND OTHERS

DRAWN - SAMPA	SCALE - 1:100
DESIGNED	DATE - 03.08.2023
CHECKED -	JOB NO
APPROVED	

Sanyal Associates
Consultant Pvt. Ltd.
CONSULTANT PLANNER & STRUCTURAL ENGINEERS
P-157 KANUNGO PARK KOLKATA-84

DWG NO. 05 OF 07

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