

SCHEDULE OF FLOOR BEAM (M20 AND FE 500)									
MNO.	SIZE (MMxMM)	TOP		BOT.		STRIPPS (LEGEND)		AT SUPPORT	AT SPAN
		ALTH	EXTD SURT	ALTH	EXTD SPAN	AT SUPPORT	AT SPAN		
B1	250x400	2-160T	2-120T	2-160T	2-120T	80T@125mm CC	80T@150mm CC		
B1A	250x400	2-160T	2-120T	2-160T	2-120T	80T@125mm CC	80T@150mm CC		
B2	250x400	2-160T	2-200T	2-160T	2-200T	80T@125mm CC	80T@150mm CC		
B3	250x400	2-160T	2-200T	2-160T	2-200T	80T@125mm CC	80T@150mm CC		
B4	250x400	2-160T	2-200T	2-160T	2-200T	80T@125mm CC	80T@150mm CC		
B5	250x400	2-160T	2-160T	2-160T	2-160T	80T@125mm CC	80T@150mm CC		
B6	250x400	2-160T	2-160T	2-160T	2-160T	80T@125mm CC	80T@150mm CC		
B7	250x400	2-160T	2-200T	2-160T	2-200T	80T@125mm CC	80T@150mm CC		
B8	250x400	2-160T	2-160T	2-160T	2-160T	80T@125mm CC	80T@150mm CC		
B9	250x400	2-160T	2-160T	2-160T	2-160T	80T@125mm CC	80T@150mm CC		
B10	250x400	2-160T	2-160T	2-160T	2-160T	80T@125mm CC	80T@150mm CC		

SCHEDULE OF TIE BEAM (M20 AND FE 500)									
MNO.	SIZE (MMxMM)	TOP		BOT.		STRIPPS (LEGEND)		AT SUPPORT	AT SPAN
		ALTH	EXTD SURT	ALTH	EXTD SPAN	AT SUPPORT	AT SPAN		
TB1	250x100	2-12+1-160T		2-16+1-120T		80T@125mm CC	80T@150mm CC		
TB2	250x100	2-160T	2-120T	2-160T	2-120T	80T@125mm CC	80T@150mm CC		
TB3	250x100	2-160T	2-160T	2-160T	2-160T	80T@125mm CC	80T@150mm CC		
TB4	250x100	2-160T	2-160T	2-200T	2-160T	80T@125mm CC	80T@150mm CC		

SCHEDULE OF SLAB (S1)	
SLAB THICKNESS AS MENTIONED :- 115 MM (ALONG SHORTER DIRECTION) (M20 AND FE 500)	
SUPPORT	8 mm@135mm c/c at top of support & extended upto L/3 from beam.
SPAN	8 mm@150mm c/c at span & alternately curtailed at L/4 from beam

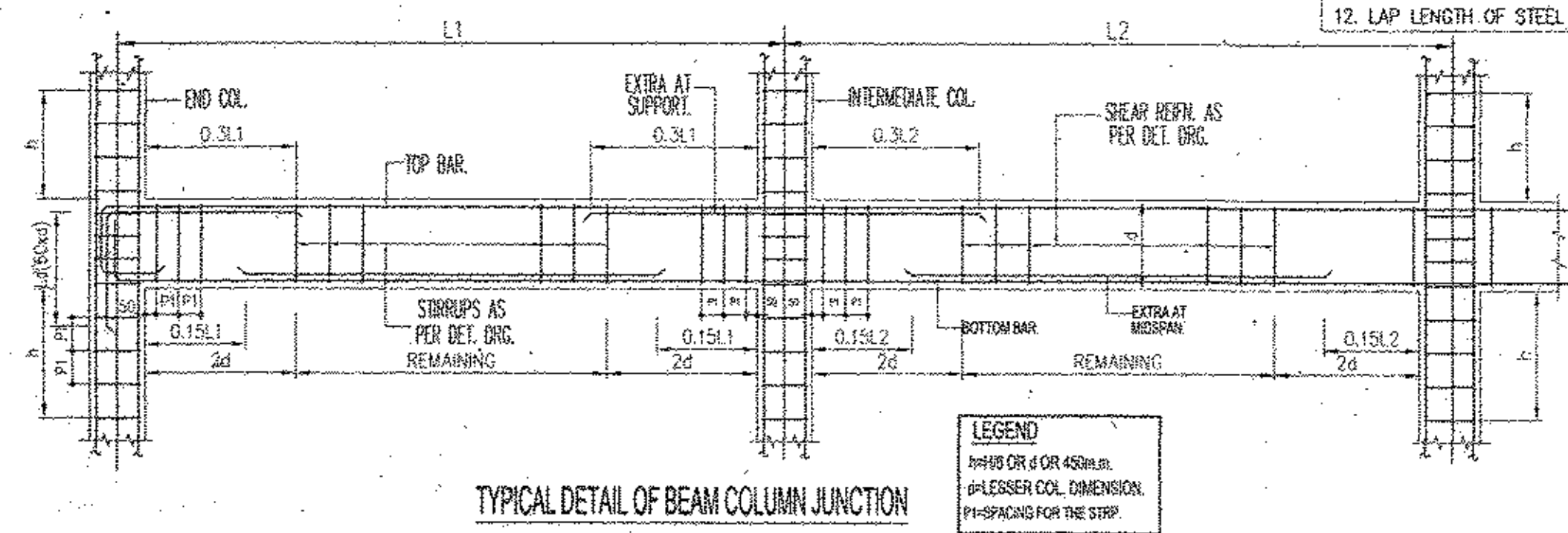
SCHEDULE OF SLAB (S2)	
SLAB THICKNESS AS MENTIONED :- 135 MM (ALONG LONGER DIRECTION) (M20 AND FE 500)	
SUPPORT	8 mm@125mm c/c at top of support & extended upto L/3 from beam.
SPAN	8 mm@150mm c/c at span & alternately curtailed at L/4 from beam

SCHEDULE OF SLAB (S3)	
SLAB THICKNESS AS MENTIONED :- 150 MM (ALONG LONGER DIRECTION) (M20 AND FE 500)	
SUPPORT	8 mm@135 mm c/c at top of support & extended upto L/3 from beam.
SPAN	8 mm@150 mm c/c at span & alternately curtailed at L/4 from beam

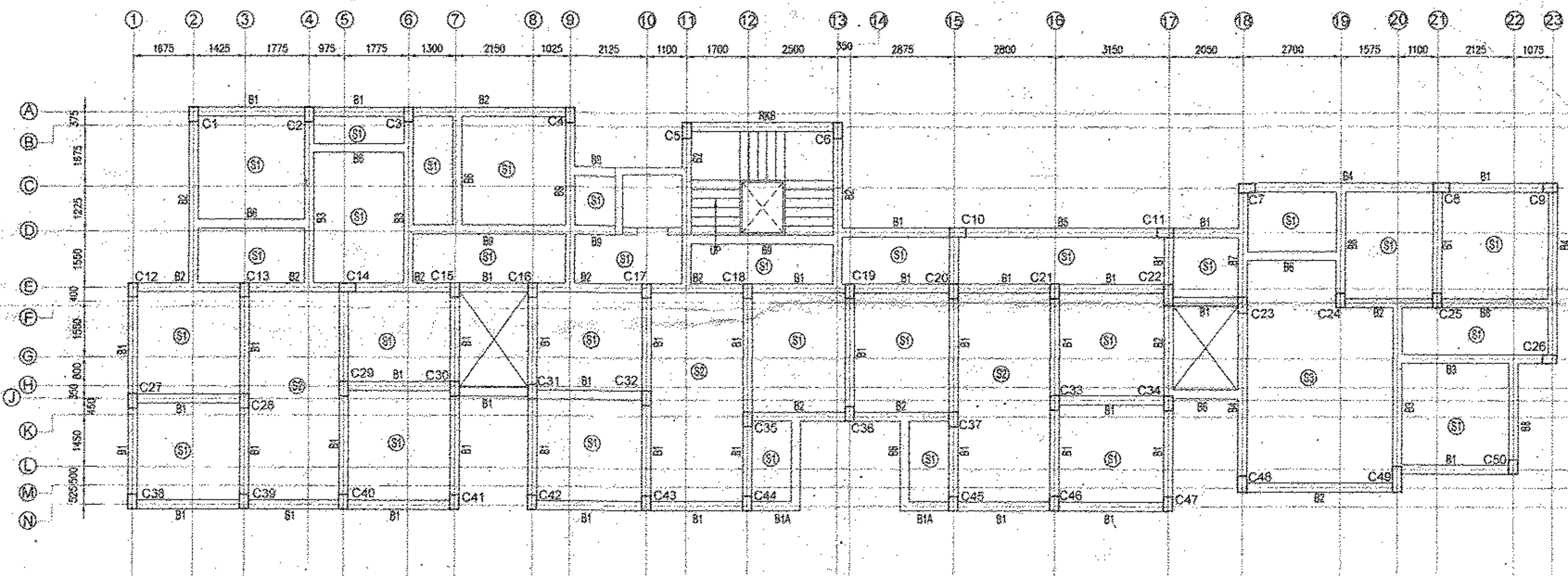
SCHEDULE OF SLAB (S2)	
SLAB THICKNESS AS MENTIONED :- 135 MM (ALONG SHORTER DIRECTION) (M20 AND FE 500)	
SUPPORT	8 mm@125mm c/c at top of support & extended upto L/3 from beam.
SPAN	8 mm@150mm c/c at span & alternately curtailed at L/4 from beam

SCHEDULE OF SLAB (S3)	
SLAB THICKNESS AS MENTIONED :- 150 MM (ALONG SHORTER DIRECTION) (M20 AND FE 500)	
SUPPORT	8 mm@125mm c/c at top of support & extended upto L/3 from beam.
SPAN	8 mm@135mm c/c at span & alternately curtailed at L/4 from beam

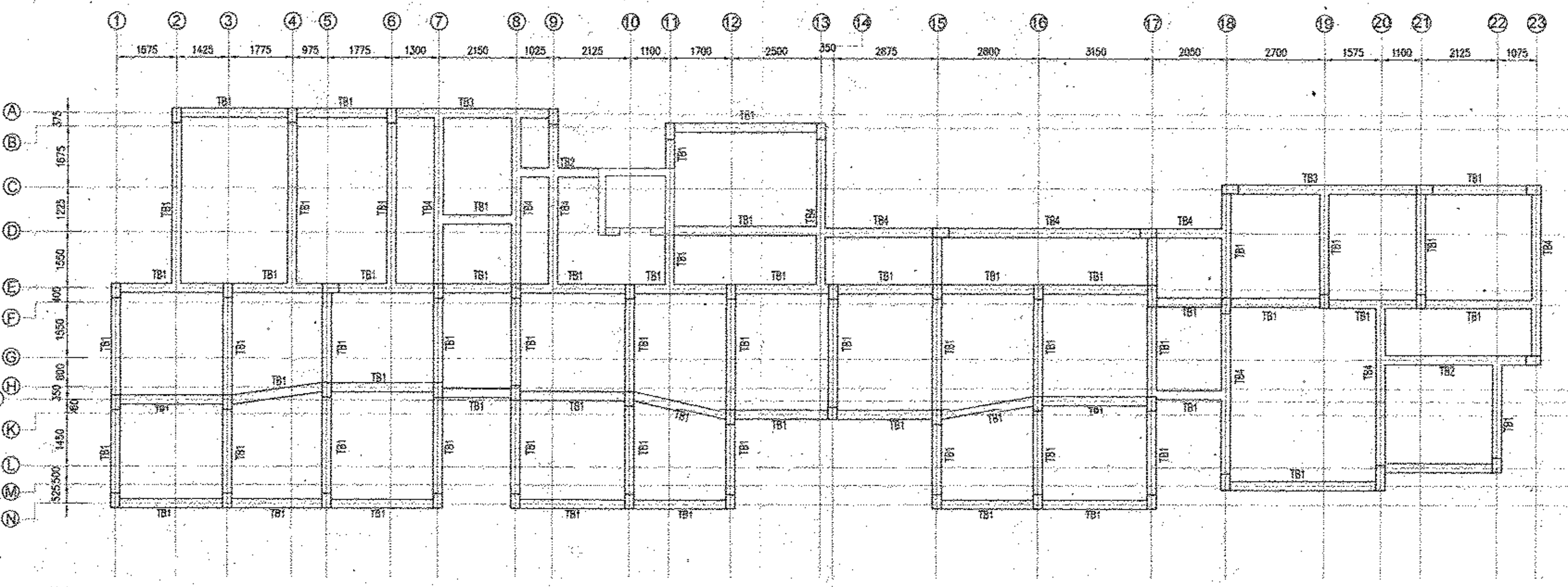
SCHEDULE OF SLAB (S2)	
SLAB THICKNESS AS MENTIONED :- 150 MM (ALONG LONGER DIRECTION) (M20 AND FE 500)	
SUPPORT	8 mm@135 mm c/c at top of support & extended upto L/3 from beam.
SPAN	8 mm@150 mm c/c at span & alternately curtailed at L/4 from beam



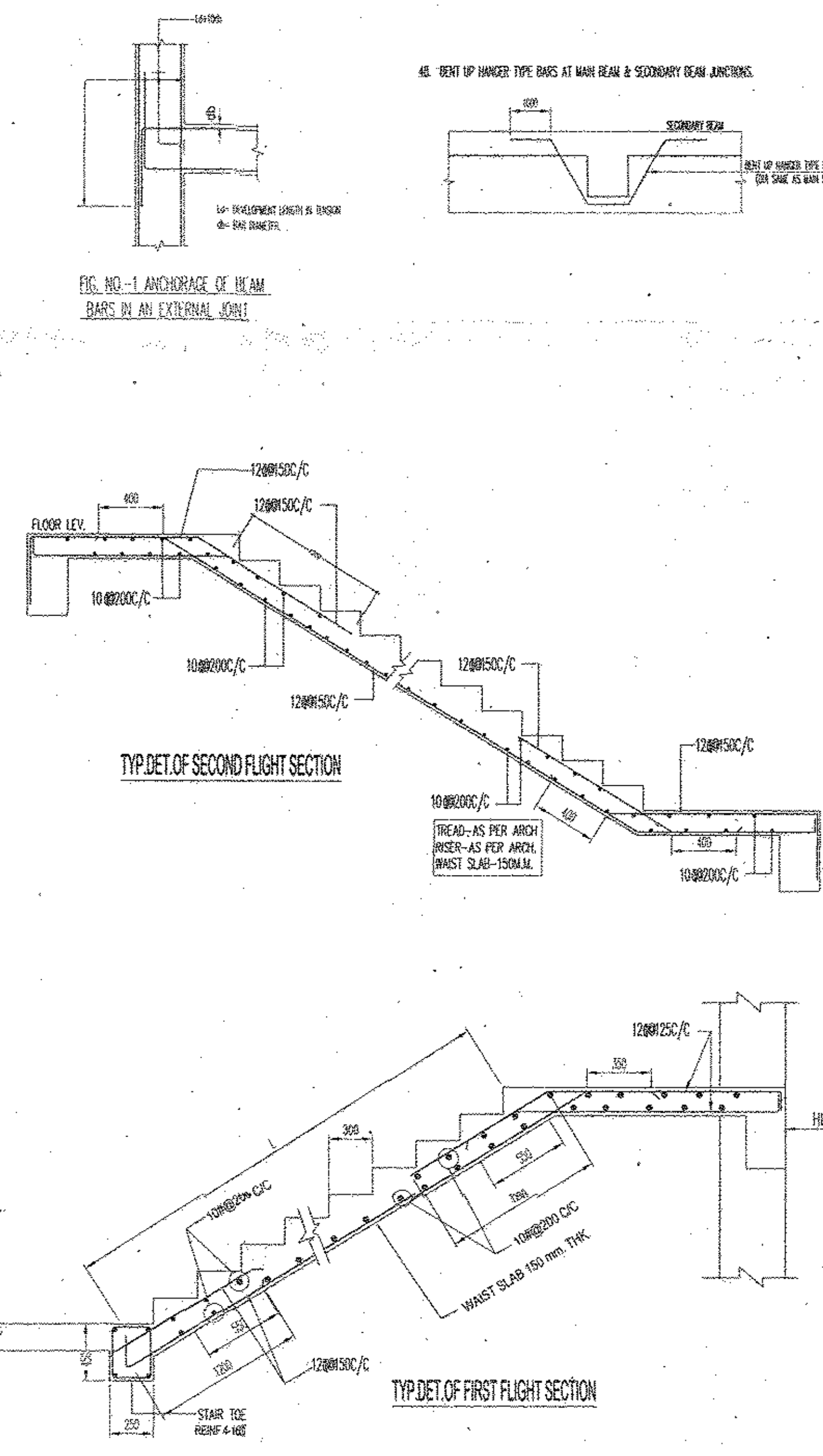
LEGEND
 80T@125 OR 4 OR 450mm
 80T@150 OR 4 OR 450mm
 80T@135 OR 4 OR 450mm
 80T@150 OR 4 OR 450mm



TYPICAL FLOOR BEAM LAYOUT PLAN



TIE BEAM LAYOUT PLAN



- NOTES :-
1. ALL DIMENSIONS ARE IN MM
 2. ALL CONCRETE SHOULD BE OF GRADE M25 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 CONFIRMING TO IS : - 1786 AND HAVE BEEN SHOWN AS 8.
 11. DEPTH OF EXCAVATION OF UNDER GROUND SUMP/RESERVOIR SHOULD BE ABOVE THE DEPTH OF FOUNDATION OF THE ADJACENT BUILDING / STRUCTURE.
 12. LAP LENGTH OF STEEL BAR SHALL BE 56xDIA OF BAR

STRUCTURAL CERTIFICATE

THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT

SUBIR CHANDRA SANYAL
 B. C. E., A. M. I., STRUCT. E. (I)
 E. S. NO. 840, CLASS-I
 RAIPUR-SOHARPUR MUNICIPALITY

SIGNATURE OF STRUCTURAL ENGINEER (E.S.E. NO. 007)

DECLARATION OF E.B.A.

I HAVE CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT BUILDING RULES 1990 AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITIONS INCLUDING THE ADJUTING ROAD CONFORM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A TANK OR A FILLED UP LAND.

SUBIR CHANDRA SANYAL
 B. C. E., A. M. I., STRUCT. E. (I)
 E. S. NO. 840, CLASS-I
 RAIPUR-SOHARPUR MUNICIPALITY

SIGNATURE OF E.B.A.

Rupak Kumar Banerjee
 RUPAK KUMAR BANERJEE
 B.C.E., M.E., M/GS., M.I.E.,
 G.T./I/R/K.M.C.,
 019/RJP/SON/ST/2014-15

SIGNATURE OF GEOTECHNICAL ENGINEER

Constituted Attorney of
 Manju Das Neogi
 Pinaki Ranjan Das
 Madhumita Das
 Tanuka Das
 Ritam Das
 Jitnil Das

SIGNATURE OF OWNER

PROJECT
 STRUCTURAL DRAWING FOR A PROPOSED G + III STORED
 RESIDENTIAL BUILDING AT HOLDING NO 818, PURBA BALIA, WARD
 NO.01, J.L. NO. 46, R.S. DAG NO. - 744, 745, 746, 747, L.R. DAG NO. -
 801, 802, 803, 804, R. SKHATIAN NO. 301, 304, 305, 306, L.R.
 KHATIAN NO. 801, 802, 803, 804, MOUZA-BALIA, P.S.-SONARPUR,
 DIST.-24PGS.(S), UNDER RAIPUR SONARPUR MUNICIPALITY

NAME OF OWNER : ASHOK KUMAR DAS & OTHERS

DRAWN - SAMPA	SCALE - 1:100
DESIGNED -	DATE - 28.02.2020(04.09.2020)
CHECKED -	DRG. NO. -
APPROVED -	

Sanyalson Associates
 Consultant Pvt. Ltd.
 CONSULTANT PLANNER & STRUCTURAL ENGINEERS
 P-157, KANLUNGO PARK, KOLKATA-04

APPROVAL OF S.A.E

OFFICE USE ONLY

Structural plan as submitted by the structural Engineer have been kept with Building Plan No. 801/2013/27 Dated On: 07/10/2020 for record of the Raipur-Soharpur Municipality without Verification No. deviation from the submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form necessary steps should be taken for the safety of the adjoining premises public private properties and safety of human life during construction.

06/10/2020
 Sig. of Assistant Engineer.
 Incharge P.W.D.
 RAIPUR-SOHARPUR MUNICIPALITY