

TYPICAL FLOOR BEAM G.A. (1ST TO 4TH)

COLUMN SCHEDULE

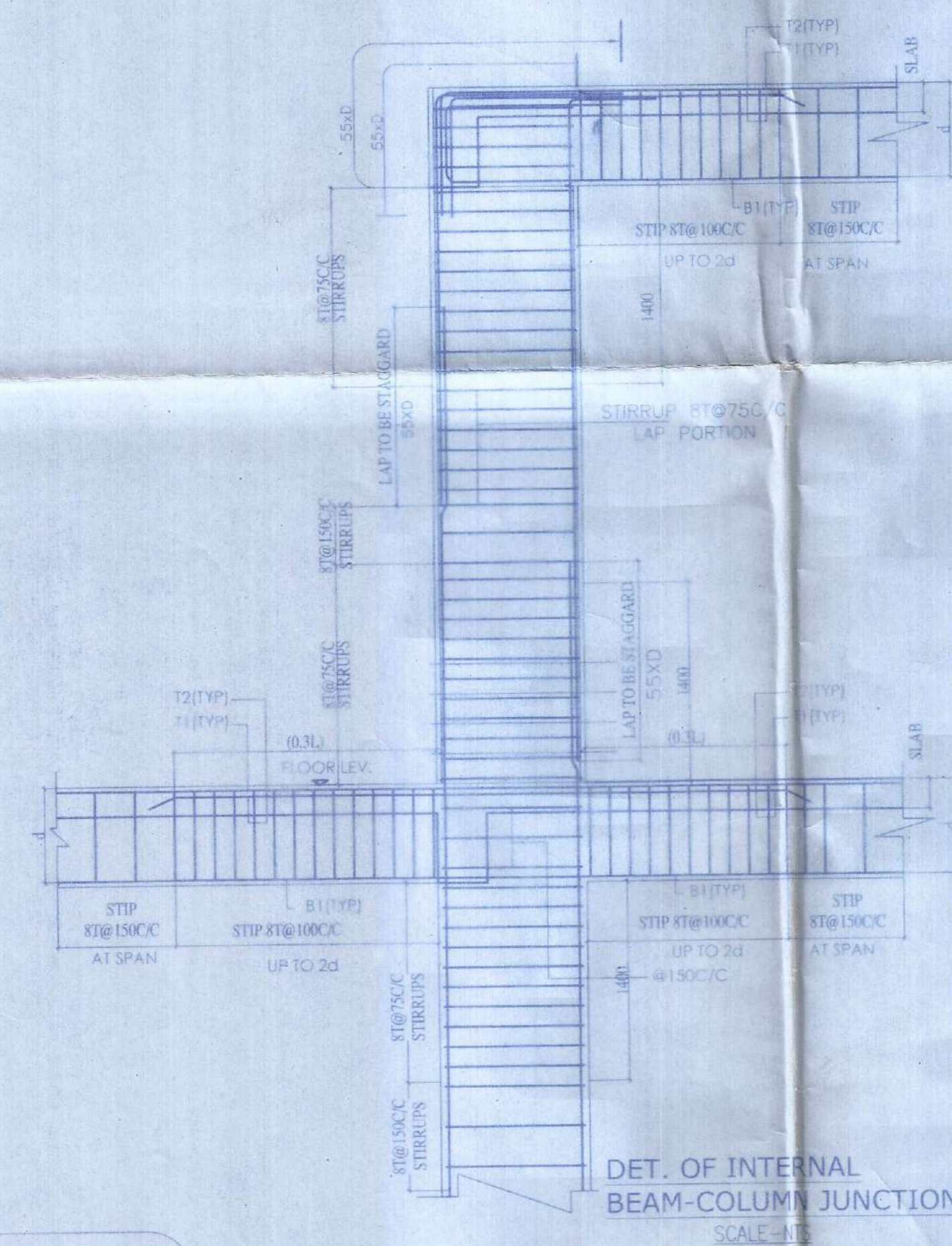
	GRADE OF CONCRETE M25,				GRADE OF STEEL - Fe 500,						
3RD FLOOR TO ROOF	8-16 TOR	10-16 TOR	8-16 TOR	12-16 TOR	12-16 TOR	8-16 TOR	8-16 TOR	10-16 TOR	8-16 TOR	8-16 TOR	12-16 TOR
1ST FLOOR TO 3RD FLOOR	4-20 TOR + 4-16 TOR	6-20 TOR + 4-16 TOR	4-20 TOR + 4-16 TOR	12-16 TOR	12-16 TOR	4-20 TOR + 4-16 TOR	4-20 TOR + 4-16 TOR	6-20 TOR + 4-16 TOR	4-20 TOR + 4-16 TOR	4-20 TOR + 4-16 TOR	12-16 TOR
FOUNDATION TO 1ST FLOOR	4-20 TOR + 4-16 TOR	10-20 TOR	8-20 TOR	12-16 TOR	12-16 TOR	8-20 TOR	8-20 TOR	10-20 TOR	8-20 TOR	8-20 TOR	12-16 TOR
SIZE	225X450	225X450	225X450	225X900	225X900	225X525	225X575	225X650	225X550	225X600	225X825
LINKS	B TOR STIRRUP										
COLUMN MKD	C1,C2,C4,C5,C9,C16, C17,C26,C30,C44, C45,C50,C52,C57, C58,C59,C60	C6,C11	C7,C8,C10,C13,C14,C15, C18,C19,C20,C21,C22,C23, C24,C25,C27,C28,C31,C33, C34,C35,C36,C37,C39,C40, C41,C42,C43,C46,C47,C48, C51,C54,C55	C38,	C12,	C29,	C32	C53	C49	C3	C56

TYPICAL FLOOR BEAM SCHEDULE:-

BEAM MKD.	BEAM SIZE	SUPPORT REINFORCEMENT				SPAN REINFORCEMENT		
		TOP	BOTTOM	STIRRUPS	TOP	BOTTOM	STIRRUPS	
BX-1	225X500	3-20T	3-16T	8T@115 C/C	2-20T	3-20T	8T@200 C/C	
BX-2	225X500	3-25T+ 3-16T	3-25T	8T@115 C/C	2-25T	3-25T	8T@200 C/C	
BX-3	225X500	3-20T+ 3-16T	3-20T	8T@115 C/C	3-20T+ 3-16T	3-20T	8T@200 C/C	
BX-4	225X500	3-20T+ 3-16T	3-20T	8T@115 C/C	3-20T+ 3-16T	3-20T	8T@200 C/C	
HLB-1	225X400	3-20T	3-20T	8T@150 C/C	2-20T	3-20T	8T@250 C/C	

FLOOR SLAB SCHEDULE:-

SLAB THK.	SHORTER SPAN				LONGER SPAN			
	SUPPORT TOP	MID SPAN BOTTOM	SUPPORT TOP	MID SPAN BOTTOM	SUPPORT TOP	MID SPAN BOTTOM	SUPPORT TOP	MID SPAN BOTTOM
100	8 T @ 150 C/C	8 T @ 200 C/C	8 T @ 150 C/C	8 T @ 200 C/C	8 T @ 150 C/C	8 T @ 200 C/C	8 T @ 150 C/C	8 T @ 200 C/C
115	8 T @ 150 C/C	8 T @ 175 C/C	8 T @ 150 C/C	8 T @ 200 C/C	8 T @ 150 C/C	8 T @ 200 C/C	8 T @ 150 C/C	8 T @ 200 C/C
125	8 T @ 125 C/C	8 T @ 175 C/C	8 T @ 150 C/C	8 T @ 200 C/C	8 T @ 150 C/C	8 T @ 200 C/C	8 T @ 150 C/C	8 T @ 200 C/C



DET. OF INTERNAL BEAM-COLUMN JUNCTION SCALE: NTE

STARLITE INFRACON PVT.LTD.
 Director
 Constitute Attorney For
 Ram Chatterjee
 Parvin Ghosh
 Sib Banik Mondal
 Anok Kumar Ghoshasthaya
 Saral Neelkar
 Sujit Kumar Sen
 SIGNATURE OF OWNERS
 DECLARATION OF EBA
 I HAVE CERTIFIED ON THE PLAN MYSELF WITH FULL RESPONSIBILITY THAT BUILDING RULES 200 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 FLEET OF LAND
 MUKUL MITTRA
 B. ARCH (HONS), F.I.A. A.I.V
 REGISTERED ARCHITECT
 REG. NO. - CA/75/003
 656/R/PSO/EBA/2008-09
 SIGNATURE OF ARCHITECT
 MUKUL MITTRA
 B. ARCH (HONS), F.I.A. A.I.V
 EMPANELMENT NO. 656/R/PSO/EBA/2008-09
 CERTIFICATE OF STRUCTURAL STABILITY
 I HEREBY DECLARE THAT THE FOUNDATION AND SUPER STRUCTURE OF THE BUILDING PROPOSED FOR CONSTRUCTION ON R.S. DAG NO-3102,3103,3139, LR. 3140,3141,3220,3143,3142, RS 3106,3168 & 3105 KHATIAN NO- RS 666,684/2,468,712,573,83,60,643,674, 1367,1642,411,3115/1 & 1648 J.L. NO. 71, MOUZA - JAGADDAL WARD NO- 25, HOLDING NO- 11 UNDER RAJPUR SONARPUR MUNICIPALITY, HARINAVI, KOLKATA - 700 148 HAVE BEEN DESIGNED BY ME THAT IT WILL MAINTAIN FOUNDATION AND SUPER STRUCTURE SAFELY IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY OF SOIL ETC.
 BIBEK BIKASH MULLICK
 Rajpur Sonarpur Municipality
 E.S.E. 021
 SIGNATURE OF STRUCTURAL ENGINEER
 BIBEK BIKASH MULLICK
 B.E. (CIVIL)
 EMPANELMENT NO. - ESE-021
 KAUSHIK SENGUPTA
 B.E. (CIVIL), M.E. (STRUCTURE)
 EMPANELMENT NO. - ESE-039
 SIGNATURE OF STRUCTURAL REVIEWER
 KAUSHIK SENGUPTA
 B.E. (CIVIL), M.E. (STRUCTURE)
 EMPANELMENT NO. - ESE-039
 ALOK ROY
 Enlisted Geotechnical Engineer
 Rajpur - Sonarpur Municipality
 No. 008/G.T. Eng.
 SIGNATURE OF GEO-TECHNICAL ENGINEER
 ALOK ROY
 B.E. (CIVIL), M.C.E. (FOUNDATION ENGG.)
 EMPANELMENT NO. - GT/008
 PROJECT TITLE
 PROPOSED G+XII,G+V(2NOS),G+IV STORIED RESIDENTIAL BUILDING AT R.S. DAG NO. - 3102,3103,3139, LR3140,3141,3220,3143,3142,RS 3106,3168 & 3105 KHATIAN NO- RS 666,684/2,468,LR 712,573,83,60, 643,674,1367,1642,411,3115/1 & 1648 J.L. NO. 71, MOUZA - JAGADDAL, WARD NO- 25, HOLDING NO- 11, DR. B.C. ROY ROAD UNDER RAJPUR SONARPUR MUNICIPALITY, HARINAVI, KOLKATA - 700 148 PREV. SANC. NO. : 1297/CB/25/21 DATED - 13/01/2014
 NAME OF OWNER - MS STARLITE INFRACON PVT LTD & OTHERS
 TITLE : BLOCK - C (G+IV)
 TYPICAL FLOOR BEAM LAYOUT & SCHEDULE
 PROJECT ARCHITECT :- CONSULTANTS FOR HUMAN SETTLEMENT
 FLAT-38, 7TH Floor, 105 Park Street, Kolkata-700016
 Tel. +91-33-2361261/64, E-mail : saigata.shel@shel.com
 164/B Beharam Chatterjee Street, Kolkata-700061 56 Anna Salu, Teyrajpet, Chennai- 600018
 DEALT BY: SUMITA
 SCALE : 1:100, 1:25
 DATE : 08.08.2017
 DRG. NO. - DNP/STR/SUB/BLOCK - C/2
 OFFICE: 13/11/18
 Submitted by the structural Engineer have been kept with Building Plan No. - 156/Rev/08/25/44 Dated On: 19/11/2018 for record of the Rajpur-Sonarpur Municipality without Verification No deviation from the submitting 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
 Sig. of Assistant Engineer,
 Incharge P.W.D.
 RAJPUR-SONARPUR MUNICIPALITY