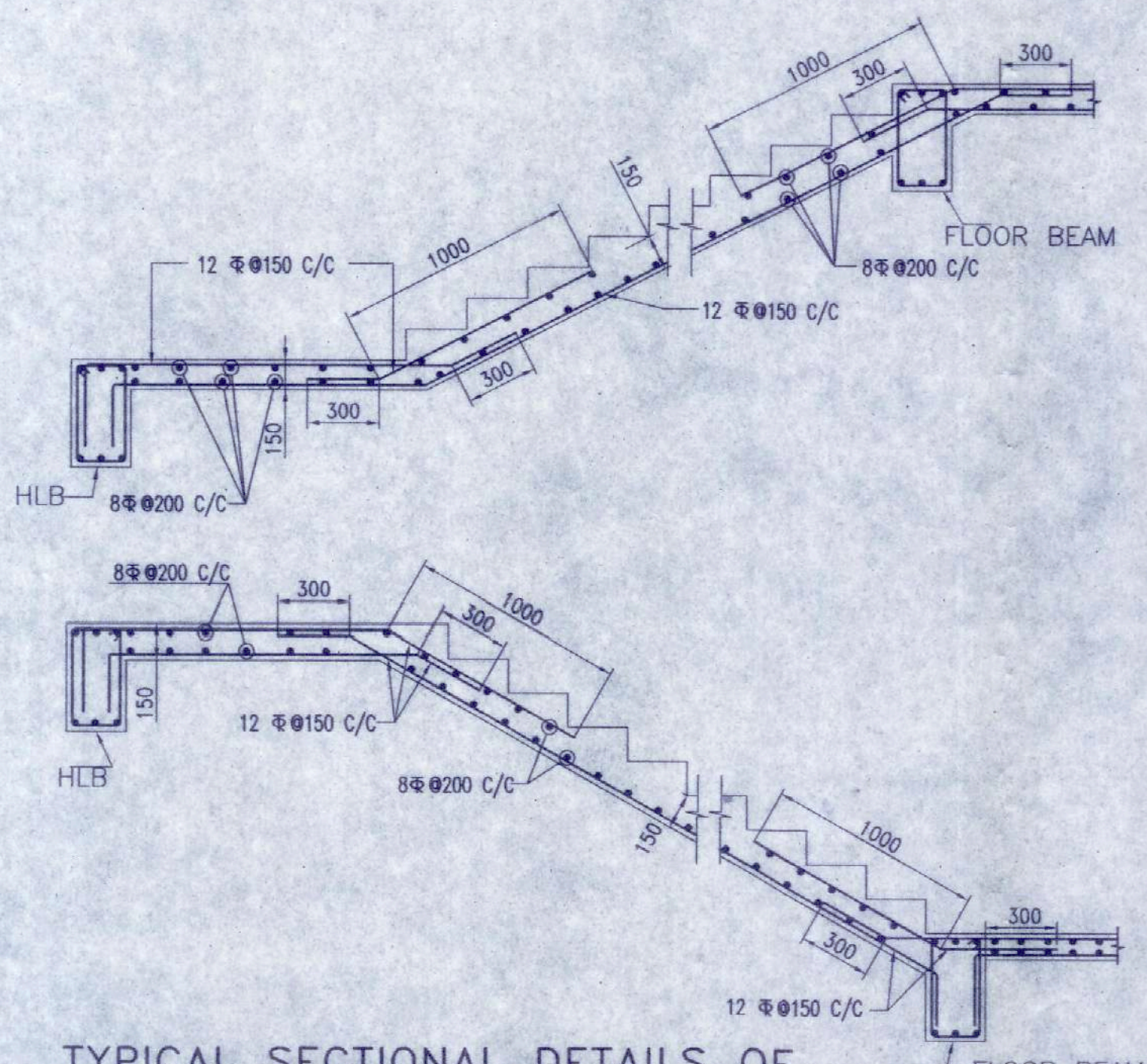


COLUMN LAYOUT PLAN
SCALE 1:100

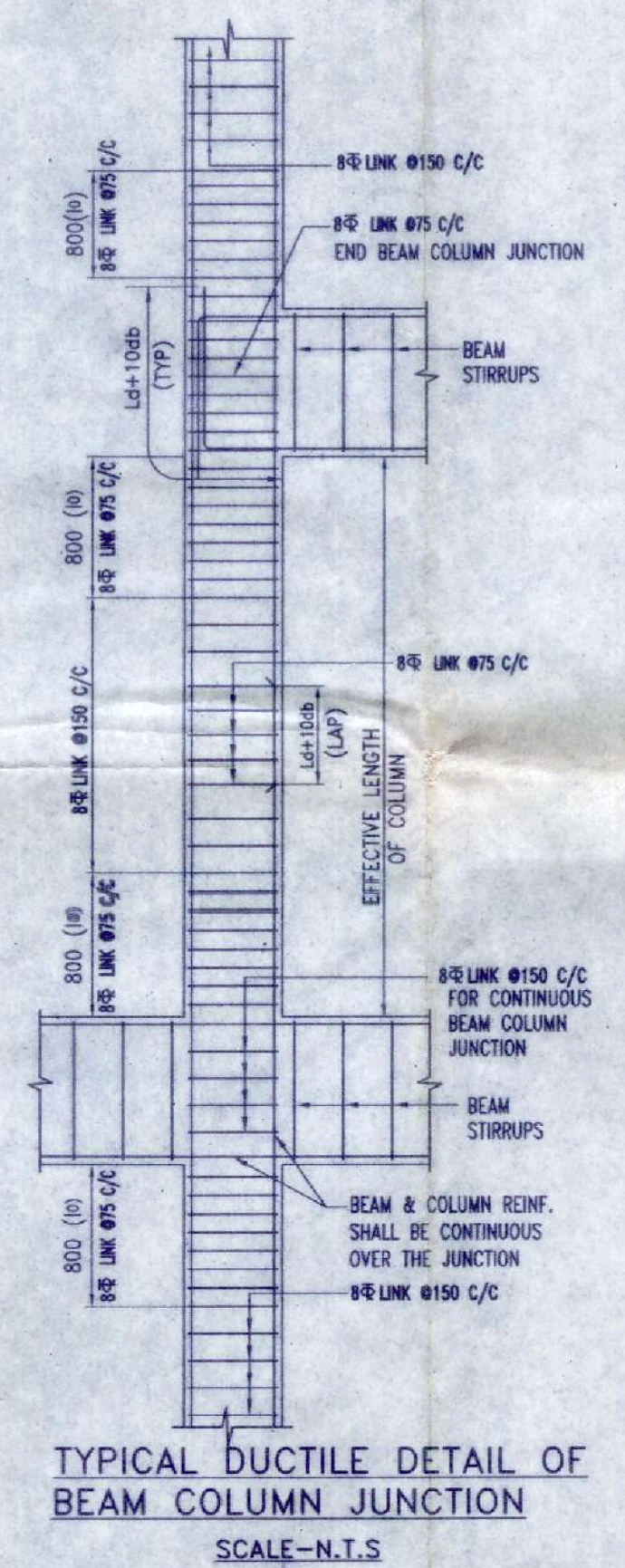
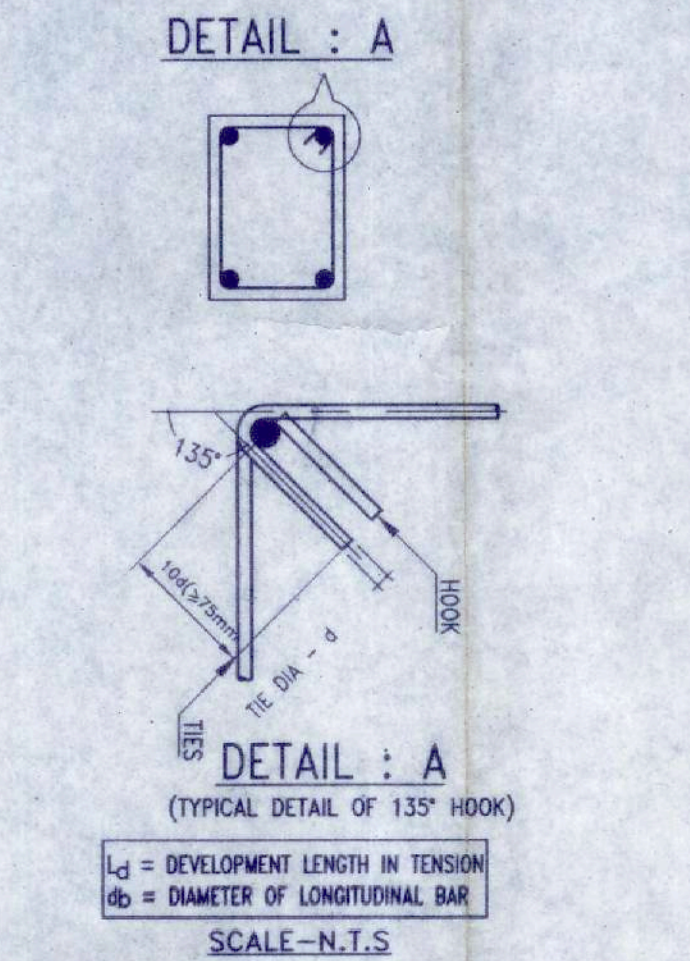


TYPICAL SECTIONAL DETAILS OF
150mm THK. STAIR WAIST SLAB
SCALE N.T.S

SCHEDULE OF COLUMNS						
COLUMN MARKED	NOS. OF COLUMNS	COLUMN SIZE (mm x mm)	FOUNDATION TO 3RD FLOOR	3RD FLOOR TO 6TH FLOOR	6TH FLOOR TO ROOF/ ABOVE ROOF	STIRRUP ARRANGEMENT & SPACING
						NEAR JUNCTION(10) REST PORTION
C2,C5,C7,C9, C11,C12,C13, C14,C16,C21, C22,C23,C25, C26,C27,C28, C29,C30,C31, C33,C34,C36, C37,C39,C40, C42	26	350X700	350 700 MAIN RNF.: -10-16φ +6-12φ	350 700 MAIN RNF.: -8-16φ +8-12φ	350 700 MAIN RNF.: -8-16φ +8-12φ	8φ075 C/C (4 NOS. CLOSED LINK) (1 NOS. OPEN LINK)
C8,C10,C17, C18,C43	05	350X700	350 700 MAIN RNF.: -12-16φ +4-12φ	350 700 MAIN RNF.: -8-16φ +8-12φ	350 700 MAIN RNF.: -8-16φ +8-12φ	8φ075 C/C (4 NOS. CLOSED LINK) (1 NOS. OPEN LINK)
C3,C19,C32, C35,C44,C47, C48,C49,C50	09	350X700	350 700 MAIN RNF.: -16-16φ +6-12φ	350 700 MAIN RNF.: -10-16φ +6-12φ	350 700 MAIN RNF.: -8-16φ +8-12φ	8φ075 C/C (4 NOS. CLOSED LINK) (1 NOS. OPEN LINK)
C1,C4,C6,C15, C24,C46	06	350X700	350 700 MAIN RNF.: -6-20φ +10-16φ	350 700 MAIN RNF.: -4-20φ +12-16φ	350 700 MAIN RNF.: -4-20φ +9-16φ +4-12φ	8φ075 C/C (4 NOS. CLOSED LINK) (1 NOS. OPEN LINK)
C20,C45	02	350X700	350 700 MAIN RNF.: -12-20φ +4-16φ	350 700 MAIN RNF.: -8-20φ +8-16φ	350 700 MAIN RNF.: -4-20φ +12-16φ	8φ075 C/C (4 NOS. CLOSED LINK) (1 NOS. OPEN LINK)
C38	01	350X800	350 800 MAIN RNF.: -18-20φ +2-16φ	350 800 MAIN RNF.: -10-20φ +10-16φ	350 800 MAIN RNF.: -6-20φ +14-16φ	8φ075 C/C (5 NOS. CLOSED LINK) (1 NOS. OPEN LINK)
C41	01	400X700	400 700 MAIN RNF.: -18-20φ +8-16φ	400 700 MAIN RNF.: -10-20φ +8-16φ	400 700 MAIN RNF.: -8-20φ +10-16φ	8φ075 C/C (4 NOS. CLOSED LINK) (1 NOS. OPEN LINK)

SCHEDULE OF STOOL COLUMNS				
COLUMN MARKED	NOS. OF COLUMNS	COLUMN SIZE (mm x mm)	ROOF TO ABOVE ROOF	STIRRUP ARRANGEMENT & SPACING
ST1,ST2,ST3,ST4,ST8 (ROOF TO LMR ROOF) ST17(LMR FLOOR TO LMR ROOF) ST9,ST10,ST11,ST12 (ROOF TO MUMTY ROOF) ST5,ST6,ST7,ST13,ST14, ST15,ST16 (ROOF TO WATER TANK)	17	250x250	250 250 MAIN RNF.: -4-16φ	8φ0150 C/C (1 NOS. CLOSED LINK)

SPECIAL NOTES:-
1. THIS STRUCTURAL DRAWING IS VALID IF THE CONSTRUCTION IS DONE USING AAC BLOCKS FOLLOWING PROPER DIMENSION OF EXTERNAL AND INTERNAL WALLS AS PER ARCHITECTURAL DRAWING.
2. THE STRUCTURE MUST BE CONSTRUCTED IN PRESENCE OF A COMPETENT STRUCTURAL ENGINEER FOR STRICT SUPERVISION.



- NOTES :
- UNLESS OTHERWISE STATED ALL CONSTRUCTION ACTIVITIES SHALL BE CARRIED OUT CONFORMING TO RELEVANT (INDIAN) STANDARD CODES OF PRACTICE.
 - ALL DIMENSIONS ARE IN MILLIMETERS & LEVELS ARE IN METER. EXCEPT OTHERWISE MENTIONED ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ALL LEVELS GIVEN IN STRUCTURAL DRAWINGS ARE IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS AND INDICATE STRUCTURAL LEVEL ONLY (WITHOUT FINISH).
 - ANY DISCREPANCY IN THE STRUCTURAL AND ARCHITECTURAL DRAWINGS SHALL BE BROUGHT TO THE NOTICE OF STRUCTURAL CONSULTANT BEFORE EXECUTION OF WORK.
 - UNLESS OTHERWISE SPECIFIED ALL REINFORCEMENT TO BE USED SHALL BE TMT BARS OF GRADE Fe-500/500D CONFORMING TO IS-1786-2008.
 - UNLESS OTHERWISE STATED LAP LENGTH OF BARS SHALL BE EQUAL TO THE DEVELOPMENT LENGTH = 50xBAR DIA.
 - CONCRETE NOMINAL COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
i) COLUMNS : 40 mm
ii) BEAMS : 30 mm
iii) SLABS : 20 mm
iv) WAIST SLAB : 20 mm
 - GRADE OF CONCRETE FOR SUPERSTRUCTURE UPTO AND INCLUDING 4TH FLOOR WILL BE M30, ABOVE THAT WILL BE M25 AS PER IS:456:2000.
 - VIBRATOR SHALL BE USED FOR PROPER COMPACTION OF CONCRETE AND CURING SHALL BE DONE PROPERLY.
 - DEVELOPMENT LENGTH 50xD FOR LAP & SPLICES SHOULD BE PROVIDED AS PER THE PROVISIONS LAID DOWN IN SP34:1987
 - WHEREVER A SUPPORTED MEMBER TERMINATES AT A SUPPORTING MEMBER THE BARS OF THE SUPPORTED MEMBER SHOULD HAVE AN ANCHORAGE OF 60D IN THE SUPPORTING MEMBER.
 - WHEN TWO BEAMS MEET AT A COLUMN LOCATION ALONG THE SAME LINE THE HIGHER REINFORCEMENT AT THE TOP SHOULD BE CONTINUED AT BOTH SIDE.

TITLE (BLOCK-3)
STRUCTURAL DRAWING OF PROPOSED G+10 STORIED (BLOCK -3) APARTMENT BUILDING OF 'SAMPRIITH HEALTHCARE INTERNATIONAL PVT. LTD.' OVER L.R. PLOT NO. - 431, 432, 433, 434 & 437, R.S. PLOT NO. - 433, 434, 435, 437 & 512, KHATIAN NO. - 974, MOUZA - GOPALMATH, J.L. NO-003, P.S. - DURGAPUR, DIST- PASCHIM BARDHAMAN. HOLDING NO. - N/9, I D NO. - 3309401132148, CIRCLE/ WARD NO- 35, ADDRESS - G.T. ROAD, GOPALMATH, DGP - 17

SIGNATURE OF OWNER
SAMPRIITH HEALTHCARE INTERNATIONAL PVT. LTD.
Authorised Signatory

SIGNATURE OF ARCHITECT
Vijaya Singh

Ar. VIJAYA SINGH MAZUMDER / VIJAYA SINGH MAZUMDER
COA Registered / COA Registered
CA/2021/134276 / CA/2021/134276
9332802168 / 9478426105

SIGNATURE OF GEOTECHNICAL ENGINEER

SIGNATURE OF STRUCTURAL ENGINEER
Susmita Choudhury

SUSMITA CHOUDHURY
B.TECH (CIVIL) - WBUT
ME (CONSTRUCTION) - JU
ESE - I/RAJISON/130
ESE - II/KMC/664
STER/NKDA/21/00010
CYBER/NKDA/10/00175
(M)- 9697517321/7003201735

SIGNATURE OF THE VETTING AUTHORITY
CHECKED & VETTED

DR. DIPANKAR CHAKRABORTY
PROFESSIONAL ENGINEER (REGISTERED DIVISION CIVIL ENGINEER) IN THE APARTMENT, JADAVPUR URBAN DEVELOPMENT & HOUSING AUTHORITY, GOLD MEDALIST (1997), (1998), (1999), (2000), (2001), (2002), (2003), (2004), (2005), (2006), (2007), (2008), (2009), (2010), (2011), (2012), (2013), (2014), (2015), (2016), (2017), (2018), (2019), (2020), (2021), (2022)

STRUCTURAL CONSULTANT:
STRUCTCON ENTERPRISE
REGD. ADDRESS: ASHRAY APARTMENT, GROUND FLOOR, 96B, KALIKAPUR ROAD, KOLKATA - 700 099, EMAIL - structconenterprise@gmail.com

DRAWING TITLE
1. COLUMN LAYOUT PLAN & REINFORCEMENT DETAILS.
2. REINFORCEMENT DETAILS OF STAIR.
SCALE - 1:100 OR AS SHOWN
DATE - 18.05.2022
SHEET NO. - 2 OF 5 SHEET SIZE. - A1