



- SPECIFICATIONS**
- ALL DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE.
 - THE STRUCTURE IS DESIGNED AS A CONTINUOUS FRAME AND IN LIMIT STATE METHOD.
 - GRADE OF CONCRETE SHALL BE AS FOLLOWS:
 - RAFT FOOTING : M30
 - COLUMN & SHEAR WALLS : M30
 - BEAM : M25
 - SLAB : M25
 - AND CHARACTERISTIC STRENGTH OF STEEL SHALL BE Fe500 N/SQ.M.M. THIS STRUCTURAL DRAWING IS VALID IF THE CONSTRUCTION IS DONE USING AAC BLOCKS FOLLOWING PROPER DIMENSION OF EXTERNAL AND INTERNAL WALLS AS PER ARCHITECTURAL DRAWINGS.
 - THIS DRAWING IS TO BE READ ALONG WITH THE RELEVANT ARCHITECTURAL DRAWINGS.
 - THE GROSS SAFE BEARING CAPACITY OF THE RAFT SHOWN IN THE DRAWING AT DEPTH (1/2.6 m. FROM G.L. HAVE BEEN CONSIDERED 18.95 T/SQM ON THE BASIS OF SOIL REPORT PREPARED BY M. S. K. ROSE. THIS MUST BE ENSURED AT SITE UNDER THE SUPERVISION OF A COMPETENT GEOTECHNICAL ENGINEER FOR VALIDITY OF THIS DRAWING.
 - THE N VALUE AS DESCRIBED UNDER NOTES OF TABLE 'OF IS-1893 (PART-1) 2016 SHOULD BE ENSURED TO BE GREATER THAN 15 FOR VALIDITY OF THIS DESIGN AND DRAWING.

CERTIFICATE OF GEOTECHNICAL ENGINEER

IT IS CERTIFIED THAT THE COMPREHENSIVE GEO-TECHNICAL REPORT ON SOIL INVESTIGATION HAS BEEN PREPARED BY ME FOR DESIGN AND CALCULATION OF THE FOUNDATION BY ANALYZING THE SOIL SAMPLE FOR ESTIMATING THE BEARING CAPACITY OF THE SOIL ON WHICH FOUNDATION OF THE STRUCTURE WILL BE CONSTRUCTED. I SHALL ALSO CHECK THE NATURE OF THE SOIL AND CERTIFY AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

DR. SUJIT KUMAR BOSE
 PND, M.C.E (W), B.C.E (Hons.)
 MGS MITRC
 Registered Geotechnical Engineer under KMC
 License No. G.7.2014

DECLARATION OF STRUCTURAL ENGINEER

CERTIFIED THAT THE STRUCTURAL DRAWING AND DESIGN OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT, AS PER THESE RULES AND THE REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD AND THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD AND NATIONAL BUILDING CODE OF INDIA AND CERTIFY THAT IT IS SAFE AND STABLE IN ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

DECLARATION OF ARCHITECT

CERTIFIED THAT THE PLAN HAS BEEN DESIGNED AND DRAWN UP STRICTLY ACCORDING TO THE BUILDING RULES FOR THE NEW TOWN KOLKATA PLANNING AREA BUILDING RULES 2014 CERTIFIED THAT THE FOUNDATION AND SUPER STRUCTURE OF BUILDING HAVE BEEN SO DESIGNED BY ME WILL MAKE FOUNDATION AND SUPER STRUCTURE SAFE IN ALL RESPECT INCLUDING THE BEARING CAPACITY AND SETTLEMENT OF SOIL. I HAVE PERSONALLY VERIFIED THE SITE AND FOUND IT IS BUILDABLE. IT IS NOT A TANK OR FILLED UP TANK HENCE OK.

DECLARATION OF OWNERS/ DEVELOPER

CERTIFIED THAT I HAVE GONE THROUGH THE BUILDING RULES FOR THE NEW TOWN KOLKATA PLANNING AREA (BUILDING RULES 2014) AND ALSO UNDERTAKE TO ABIDE BY THOSE RULES DURING AND AFTER CONSTRUCTION OF THE BUILDING.

MILAN CHAKRABORTY
 Director
 ADVANTAGE BENGL INFRASTRUCTURE LTD.
 Certified Attorney of
 DWARAKA INFRA PROJECTS PVT. LTD.
 MAREO SALES PVT. LTD.
 NATURAL PRODUCTIONS PVT. LTD.
 NEWTRAL EX-GRAND PVT. LTD.
 OSCAR BUSINESS PVT. LTD.
 SMART CHAMP BUSINESS PVT. LTD.
 SIMPLICITY DEVELOPERS PVT. LTD.

PROJECT

PROPOSED B+G+III STORED RESIDENTIAL BUILDING AT R. S. & L. R. DAG NO. - 1308, 1309, 1310, 1311, 1312, 1313 & 1316, MOUZA - JAMALPARA, J. L. NO. - 42, R. S. NO. - 124, TOUZI NO. - 173 AT PRESENT 10, P. S. - RAJARHAT WITH IN THE JURISDICTION OF RAJARHAT - BISHNUPUR (RB-II) GRAM PANCHAYET, DIST. - NORTH 24 PARGANAS.

DEVELOPER

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ARCHITECT/CONSULTANT

PROJECT CONSULTANT: NORTH DIRECTION

ARCHITECTS & ENGINEERS

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TITLE

CENTER LINE LAYOUT PLAN FOUNDATION LAYOUT & DETAILS
 RETAINING WALL DETAILS

DESIGN BY Kalyan
CHECKED BY C. Bhattacharyya
APPROVED BY
SCALE 1:100, 1:50, 1:25
DATE 26.04.2021
DRAWING NO. SHEET NO. COST-01
REVISION

COLUMN SCHEDULE (GRADE OF CONCRETE-M30)

	4-200*10-120	4-160*10-120	4-160*10-120	4-160*10-120	4-250*12-200	30-160*12-120	18-160*8-120	18-160*8-120	66-120	24-120	28-160*24-120	10-160*12-120	10-160*22-120
2nd FL TO ROOF	4-200*10-120	4-160*10-120	4-160*10-120	4-160*10-120	4-250*12-200	30-160*12-120	18-160*8-120	18-160*8-120	66-120	24-120	28-160*24-120	10-160*12-120	10-160*22-120
1st FL TO 2nd FL	4-200*10-120	4-160*10-120	4-160*10-120	4-160*10-120	4-250*12-200	30-160*12-120	18-160*8-120	18-160*8-120	66-120	4-160*20-120	36-160*16-120	10-160*12-120	20-160*22-120
FOUNDATION TO 1st FL	S2-160	50-160	50-160	50-160	42-160	26-160	26-160	26-160	10-160*56-120	10-160*14-120	52-160	10-160*12-120	20-160*22-120
SIZE	(#50X3700)	(250X3725)	(250X3975)	(250X3825)	(250X150)	(250X1875)	(250X2075)	(250X4925)	(250X2000)	(250X4000)	(250X1825)	(250X3100)	
COLUMN MKD	SW4, SW7	SW1	SW15	SW14	SW2	SW5	SW6	SW3	SW8	SW12, SW13	SW9	SW10, SW11	

COLUMN SCHEDULE (GRADE OF CONCRETE-M30)

	4-200*10-160	14-200	4-200*10-160	4-250*12-200	4-250*16-200	18-200	20-200	4-250*16-200	10-200*6-160	4-250*20-200	24-120	8-250*28-200	8-200*44-160
2nd FL TO ROOF	4-200*10-160	14-200	4-200*10-160	4-250*12-200	4-250*16-200	18-200	20-200	4-250*16-200	10-200*6-160	4-250*20-200	24-120	8-250*28-200	8-200*44-160
1st FL TO 2nd FL	8-200*6-160	14-200	8-200*6-160	4-250*12-200	8-250*12-200	4-250*14-200	4-250*16-200	12-250*8-200	10-200*6-160	8-250*16-200	24-120	12-250*24-200	12-200*40-160
FOUNDATION TO 1st FL	8-200*6-160	14-200	8-200*6-160	4-250*12-200	12-250*8-200	4-250*14-200	4-250*16-200	20-250	10-200*6-160	24-250	24-120	36-250	52-200
SIZE	(300X600)	(350X600)	(300X700)	(350X700)	(300X800)	(350X800)		(300X1050)	(450X450)	(2200X300)	(1900X200)	(2850X300)	(300X4000)
COLUMN MKD	C2, C6, C36, C87	C14, C15, C63	C5, C33	C8, C12, C13, C18, C28, C29, C30, C31, C34, C35, C37, C40, C41, C43, C47, C48, C50, C54, C56, C58, C66	C24, C38	C16, C42	C49	C9, C46	C17, C19, C25, C53, C58, C60	LSW1, LSW5, LSW7	LSW2	LSW3	LSW4, LSW8

