

NOTES

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY AND OTHER CONCERNED AGENCIES.
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CERTIFICATE OF STRUCTURAL ENGINEER

I, the undersigned, being a duly qualified and registered Structural Engineer, have examined the drawings and specifications for the proposed structure and certify that the same are in accordance with the provisions of the Indian Standards Code of Practice for Reinforced Concrete Structures, IS:456-1978, and the provisions of the Building Rules, 1973, of the Government of West Bengal, and that the structure is designed to resist the loads specified therein and to satisfy the requirements of the said Code of Practice and the said Building Rules.

DATE: 10/10/2024
 PLACE: KOLKATA

SIGNATURE OF STRUCTURAL ENGINEER

APRANT DASH
 Director, ACPL

DECLARATION

I, the undersigned, being the owner of the proposed structure, hereby declare that the same is for the purpose of the proposed structure and that the same is in accordance with the provisions of the Indian Standards Code of Practice for Reinforced Concrete Structures, IS:456-1978, and the provisions of the Building Rules, 1973, of the Government of West Bengal, and that the structure is designed to resist the loads specified therein and to satisfy the requirements of the said Code of Practice and the said Building Rules.

SIGNATURE OF OWNER

MUMUKSHU MISHRA
 Director, ACPL

TITLE

STRUCTURAL DRAWING OF PROPOSED
 G+V STORED COMMERCIAL CUM RESIDENTIAL
 BUILDING PLAN FOR AVINYA CIVIL PRIVATE
 LIMITED AT L.R. DAG NO-1503, L.R. KH. NO-10632,
 MOUZA - BHADRESWAR, J.L. NO.-12 ON
 HOLDING NO-167/1, K.C.C. SARANI IN WARD
 NO-20 UNDER BHADRESWAR MUNICIPALITY
 P.S.-BHADRESWAR, DIST-HOOGHLY, W.B.

NAME-AVINYA CIVIL PRIVATE LIMITED
ADDRESS-JHAPPUKUR-MANDIRAGAN, SANAGANA CHINSURAH, HOOGHLY, 712102

1. MUMUKSHU MISHRA
 (MANAGING DIRECTOR, ACPL)

2. SANJOY MONDAL
 (DIRECTOR, ACPL)

3. SWATI BAL
 (DIRECTOR, ACPL)

4. SHARMISTHA SAHA
 (DIRECTOR, ACPL)

5. CHANDITA BHUNIA
 (DIRECTOR, ACPL)

6. DEBASHEET GHOSH
 (DIRECTOR, ACPL)

7. MANABJAY BISWAS
 (DIRECTOR, ACPL)

SIGNATURE OF STRUCTURAL ENGINEER

APRANT DASH
 Director, ACPL

DRAWING TITLE

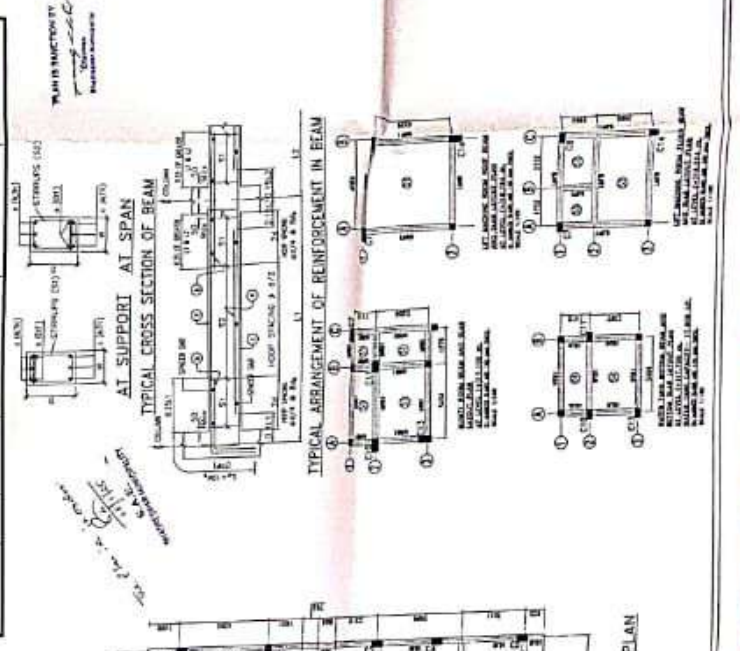
1. COLUMN LAYOUT PLAN
 2. TYPICAL FLOOR BEAM AND SLAB LAYOUT PLAN
 3. TYPICAL ROOF BEAM AND SLAB LAYOUT PLAN
 4. BEAM LAYOUT PLAN
 5. BEAM LAYOUT PLAN

SCALE-1:100, 1:100, 1:100, 1:100, 1:100

SHEET NO. - 2 OF 3

SCHEDULE OF COLUMNS

COLUMN MARKED	NOS. OF COLUMNS (mm x mm)	SECTION TO 3RD FLOOR	3RD FLOOR TO ROOF/ROOF DECK	STIRRUP ENHANCEMENT & SPACING
C1, C2, C3, C4, C5, C11, C17, C22	08	300X500	MAIN RNF. - 12-12 @ MAIN RNF. - 12-12 @	8 @ 150 C/C (2 NOS. CLOSED UMS)
C6, C8, C13, C14 & C18	05	300X600	MAIN RNF. - 12-12 @ MAIN RNF. - 12-12 @	8 @ 150 C/C (2 NOS. CLOSED UMS)
C9, C15, C16, C19	04	300X500	MAIN RNF. - 10-10 @ MAIN RNF. - 8-8 @	8 @ 150 C/C (1 NOS. CLOSED UMS)
C7, C12	02	300X600	MAIN RNF. - 12-12 @ MAIN RNF. - 8-8 @	8 @ 150 C/C (1 NOS. CLOSED UMS)
C20, C21	02	300X500	MAIN RNF. - 12-12 @ MAIN RNF. - 8-8 @	8 @ 150 C/C (2 NOS. CLOSED UMS)
C10	01	300X600	MAIN RNF. - 10-10 @ MAIN RNF. - 8-8 @	8 @ 150 C/C (2 NOS. CLOSED UMS)



SCHEDULE OF TIE BEAMS

BEAM MARKED	BEAM SIZE (mm x mm)	TOP REINFORCEMENT (NO. x DIA)	BOTTOM REINFORCEMENT (NO. x DIA)	STIRRUPS (NO. x DIA)
TB1	200 x 200	2-10 @	2-10 @	2-8 @ 150 C/C
TB2	200 x 200	2-10 @	2-10 @	2-8 @ 150 C/C
TB3	200 x 200	2-10 @	2-10 @	2-8 @ 150 C/C
TB4	200 x 200	2-10 @	2-10 @	2-8 @ 150 C/C
TB5	200 x 200	2-10 @	2-10 @	2-8 @ 150 C/C

SCHEDULE OF ABOVE ROOF BEAMS

BEAM MARKED	BEAM SIZE (mm x mm)	TOP REINFORCEMENT (NO. x DIA)	BOTTOM REINFORCEMENT (NO. x DIA)	STIRRUPS (NO. x DIA)
RB1	200 x 200	2-10 @	2-10 @	2-8 @ 150 C/C
RB2	200 x 200	2-10 @	2-10 @	2-8 @ 150 C/C
RB3	200 x 200	2-10 @	2-10 @	2-8 @ 150 C/C
RB4	200 x 200	2-10 @	2-10 @	2-8 @ 150 C/C
RB5	200 x 200	2-10 @	2-10 @	2-8 @ 150 C/C

SCHEDULE OF ROOF BEAMS

BEAM MARKED	BEAM SIZE (mm x mm)	TOP REINFORCEMENT (NO. x DIA)	BOTTOM REINFORCEMENT (NO. x DIA)	STIRRUPS (NO. x DIA)
R1	250 x 100	4-10 @	4-10 @	2-8 @ 100 C/C
R2	250 x 100	4-10 @	4-10 @	2-8 @ 100 C/C
R3	250 x 100	4-10 @	4-10 @	2-8 @ 100 C/C
R4	250 x 100	4-10 @	4-10 @	2-8 @ 100 C/C
R5	250 x 100	4-10 @	4-10 @	2-8 @ 100 C/C

