



SLAB MKD	THICKNESS
S1	125
S2	110

BEAM SCHEDULE	MKD	SIZE
TB1		250 x 450
FB1		250 x 450
FB2		300 x 500

COLUMN SCHEDULE	MKD	SIZE
C1, C2, C3, C4, C7, C8, C9, C10, C11		250 x 450
C5, C6		300 x 450
C13, C14, C15		300 x 450

FOUNDATION SCHEDULE	MKD	SIZE (A x B x D)	NOS.
F1		2000 x 2000 x 400	04
F2		2500 x 2500 x 400	04
F3		3000 x 3000 x 400	03
F4		3500 x 3000 x 400	02
F5		4000 x 3800 x 400	03
F6		3000 x 2500 x 400	02
F7		2400 x 2500 x 400	01
CM1		6122 x 6222 x 812	01

STRUCTURAL DRAWING

NOTES

- THIS DRAWING TO BE READ IN CONJUNCTION WITH THE RELEVANT ARCHITECTURAL DRAWING
- ALL DIMENSIONS ARE IN MM AND L-V'S ARE IN METER
- USE OF PLASTICISER IN ALL CONCRETE IS A MUST
- ANY CONCLUDING WORK LEFT INCOMPLETE FOR MORE THAN 30 MINUTES SUITABLE HARBOND LIKE PLASTICISER MUST BE USED PRIOR TO TAKING UP THE WORK. GO LEFT INCOMPLETE
- CLEAR COVER TO MAIN REINFORCEMENT
- FOOTING - 50mm
- COLUMN - 40 mm
- FLOOR BEAM - 25mm
- FLOOR SLAB & ROOF - 20 mm
- OTHER MINOR ORNAMENTAL STRUCTURAL - 15mm THE COVER BLOCKS OR GRADES OF STRUCTURAL CONCRETE CURED FOR AT LEAST 7 DAYS & TAGGED WITH ANNE REINFORCE TO BE USED.
- GRADE OF CONCRETE IS M30 AND STEEL OF FE25
- ALL B.F.S. TO GO UNDER A DEEPER, OTHER SHEET OF SUITABLE COMPRESSIVE AND COMPACTED SOIL
- REINFORCING STEEL OF GRADE Fe-500 HYSD BAR AS PER IS: 1786. LATEST OF THE STANDARD MAKE CEMENT SHOULD BE OF INDIAN STANDARD MAKE WITH INITIAL & FINAL SET TIME SHOULD NOT BE LESS THAN 30 MINUTES AND 600 MINUTES AND THERE SHOULD NOT BE ANY FALSE SET
- ALL SUPER STRUCTURAL R.C.C. WORKS TO BE OF STRENGTH M20 AND M30 RESPECT TO MINIMUM CEMENT CONTENT OF 400 KG/M³ OF CONCRETE WITH USE OF WATER BE LEVENT WITH COARSE AGGREGATE 20mm DOWN. RESTRICTION TO USE OF WATER BE LEVENT OF STRUCTURAL CONCRETE BE TAKEN AS PER IS: 11163 & 11164. RESTRICTION TO USE OF WATER BE LEVENT FOR FUTURE REFERENCE
- LAPING OF BARS MUST BE STAGGERED. THE DEVELOPMENT LENGTH OF BARS SHOULD BE AS PER IS: 456-2000 & SHAPE OF BARS SHOULD BE AS PER IS: 456-2000 & CHAIRS & SPACERS OF SUITABLE SIZE & SHAPE OF BARS SHOULD BE AS PER IS: 456-2000
- QUALITY CONTROL OF MATERIALS TO BE AS PER IS: 456-2000 & IS: 11163 & IS: 11164. QUALITY CONTROL OF WORK SHOULD BE AS PER IS: 456-2000 & IS: 11163 & IS: 11164.
- AC BLOCK SHOULD BE USED

I hereby certify that plans, elevations, sections and details shown on these drawings were prepared by me or under my direct supervision and I am a duly qualified and registered structural engineer in India.

INDRANIL BASU
Registered Architect
Reg. No. CA/2011/51082

Yashar Kanti Chaudhuri
Civil Engineer
L.B.S. Kharagpur Municipality
Paschim Medinipur
Regn. No. KM/L.B.S/16-19/01

SIGNATURE OF ARCHITECT

JAYDEB DEY
Consultant Structural Engineer
B.Tech.

Rupak Kumar Banerjee
M.E. IN CIVIL ENGINEERING
R.C.E., M.E., M.D.S.
REGISTERED CIVIL ENGINEER
Kharagpur Municipality
Regn. No. KM/L.B.S/16-19/01

SIGNATURE OF STRUCTURAL ENGINEER

JAYDEB DEY
Consultant Structural Engineer
B.Tech.

Rupak Kumar Banerjee
M.E. IN CIVIL ENGINEERING
R.C.E., M.E., M.D.S.
REGISTERED CIVIL ENGINEER
Kharagpur Municipality
Regn. No. KM/L.B.S/16-19/01

SIGNATURE OF OWNER

Sandip Koley
As a Constituted Attorney of **SRI SBYASACHI SINHA**

SANCTIONED
On Terms and Conditions given by A.E. S.A.E. & S.T. & Surveyor

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CONSULTANT:

NEST Design & Consultancy
ARCHITECTURE | INTERIOR
34/1, Park Road, Kharagpur, West Bengal - 751013
Phone: 98300 11111
Email: nestdesign@gmail.com

STRUCTURAL CONSULTANT:

RUP DEY ENGINEERS
REGISTERED OFFICE:
9/8 P.S. Road
Kharagpur-751013
West Bengal
India
Email: jaydebdey715@yahoo.com
Phone: 98300 11111

PROJECT:

OF SRI SBYASACHI SINHA
PROPOSED G+4 (15.500 M) STORED RESIDENTIAL BUILDING AT VIDYASAGARPUR, INDA, P.S. - KHARAGPUR(T) ON R/S PLOT NO - 36/1655(P) & 36/1656(P) L/R PLOT NO - 182(P) & 183(P), R.S. KHATIAN NO - 1416, 1417 (L.R. KHATIAN NO - 336C) HOLDING NO 359/545/2 MOUZA - INDA, J.L. NO-232, DIST - PASCHIM MEDINIPUR WITHIN WARD NO.3 (OLD 4) OF KHARAGPUR MUNICIPAL AREA

NAME	DATE	TITLE	SCALE
DESIGN - JAYDEB DEY	03.02.2019	STRUCTURAL GA DRAWING	1:100, 1:25
DRWN - SOUMITRA KULEY	06.02.2019		SHEET / ST
CHECK - JAYDEB DEY	08.02.2019		1 / 0
APP'D - JAYDEB DEY	28.02.2019		SIZE REV

DRG. No. **NDC/VSP/STR/SANC/01**

RELEASED FOR: PRELIMINARY / TENDER / SANCTION / APPROVAL / CONSTRUCTION

DRAWING STATUS: ARCHITECTURAL / STRUCTURAL / ELECTRICAL / PLUMBING