



GREATER VISAKHAPATNAM MUNICIPAL CORPORATION
STRUCTURAL SOUNDNESS CERTIFICATE

Sub: Structural Soundness Certificate of "SIVER OAKS SCHOOL" at Kommadi, Visakhapatnam-530048.

Ref: 1. Letter from the Correspondent of "SIVER OAKS SCHOOL" at Kommadi Village, Visakhapatnam-530048.

2. Structural Soundness Certificate from the Andhra University College of Engineering, Department of Civil Engineering.

3. Building Plan Approval No.1086/1377/B/Z2/KDI/2023/OCI/
Dt.12-05-2023

With reference to the above, the school "SIVER OAKS SCHOOL" at Kommadi Village, Visakhapatnam of Zone-II, GVMC Visakhapatnam has applied for Soundness certificate of the building.

As per the report of the Professor and head of the Department Civil Engineering Andhra University vide reference no.02, the School building is the foundation and frame of the structure have been designed to Stilt + Ground + 3 Upper Floors (5 Slabs) Considering dead load, live load and wind loads. The design calculations are taken as live load 250kg/Sqm on the floor, the design parameters are followed using M20 mix concrete and Fe 415 grade steel, the work has been completed as per the specifications of the structural drawings to the best of our knowledge. It is informed that the structure was constructed in 2024 as per approved plan. All the columns, beams and slabs are found to be in good condition.

This certificate is issued based on Structural Stability certificate issued by the Dr.K.Rambabu Professor, Department of Civil Engineering, Andhra University technical report. The validity of this certificate is for a period of One year (1 Year) from date of issue of this Certificate.

Place: Visakhapatnam

Date: 18-09-2024.


18/9/24
Executive Engineer-II
Zone-II, GVMC
GREATER VISAKHAPATNAM
MUNICIPAL CORPORATION
VISAKHAPATNAM

Dr. K. RAMBABU

M.E.(Strs), Ph.D.(Strs), FIE,

Professor

Department of Civil Engineering

A.U. College of Engineering

ANDHRA UNIVERSITY

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Ref:

Date: 24/08/2024

STRUCTURAL STABILITY CERTIFICATE

This is to certify that plan showing the proposed occupancy of Stilt, Ground, First, Second & Third Floors R.C.C. Roofed Educational Building in the place of existing building to be removed in bearing Door No. 1-156, Plot No's.13 & 14, in the layout named and style "VIJJI HIDES" partly approved by VUDA vide L.P.No.66/2006, covered by S.No's.120/6, 129/P, 131/P, 131/6, 133/1, 2, 3, 5, 6, 7, 8, 9, 10, Kommadi Village, Zone-II, Visakhapatnam belongs to 1. Sri.Talasila Vijaya Mohan, S/o. T. Ranga Rao, 2. Sri. Talasila Vijaya Lakshmi, W/o. T. Vijaya Mohan with strength enough for above Building.

The foundation and frame of the structure have been designed to Stilt + Ground + 3Upper Floors, (5Slabs) considering dead load, live load and wind loads.

The design calculations are taken as live load 250kg/sqm on the Floor.

The design parameters are followed using M20 mix concrete and Fe 415 grade steel.

The work has been completed as per the specifications of the structural drawings to the best of our knowledge and we certify the above mentioned building is structurally sound and stable.

Signature of Structural Engineer

Prof. K. RAMBABU

M.E.(Strs.), Ph.D.(Strs.), FIE.

Department of Civil Engineering

ANDHRA UNIVERSITY

VISAKHAPATNAM - 530 003

Licensed Structural Engineer

GVMC No. 41/2024-25

Er. Sk. KAREEM BASHA

M.Tech (Structures), M.I.E., F.I.V
Structural Engineer (GVMC, VMRDA)
Chartered Engineer
Govt. Regd. Valuer For Banks
Consulting Civil Engineer

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P.R. Gardens, NGGO's Colony,
Visakhapatnam-530007

STRUCTURAL STABILITY CERTIFICATE

This is to certify that plan showing the proposed occupancy of Stilt, Ground, First, Second & Third Floors R.C.C Roofed Educational Building in the place of existing building to be removed in bearing Door No. 1-156, Plot No's. 13 & 14, in the layout name and style "VIJJ HIDES " partly approved by VUDA vide L.P.No. 66/2006, covered by. S.No's. 120/6,129/P,131/P,131/6 ,133/1,2,3,5,6,7,8,9,10, Kommadi Village, Zone-II, Visakhapatnam belongs to 1. Sri. Talasila Vijaya Mohan, S/o. T. Ranga Rao, 2. Sri. Talasila Vijaya Lakshmi, W/o. T. Vijaya Mohan with strength enough for above Building.

The foundation and frame of the structure have been designed to Stilt + Ground + 3 Upper Floors, (5 slabs) considering dead load, live load and wind loads.

The design calculations are taken as live load 250 kg/sqm on the Floor.

The design parameters are followed using M20 mix concrete and Fe 415 grade steel.

Periodical supervision from time to time will be observed.

The work has been completed as per the specifications given by us to the best of our knowledge and we certify the above mentioned building is structurally sound and stable.

Signature of Structural Engineer



Er. SK. KAREEM BASHA, M.Tech(Structures)MIE,FIV
Licenced Structural Engineer
L.St.Er.No. 1.7/2024-2025
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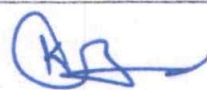
SITE ENGINEER'S REPORT

DATE	PROGRESS OF WORK	REMARKS / SUGGESTIONS
20.5.2023	MARKING OF CENTRE LINE AND COLUMN FOUNDATION EARTH PITS.	EXCAVATE EARTH PIT UPTO 6'0" DEPTH FROM GROUND LEVEL.
25.5.2023	SAND LAYER AND P.C.C. (1:5:8) FOR FOOTING.	SUGGESTED SAND LAYER 6"TH BEFORE P.C.C. LAYER.
30.5.2023	ROD BENDING FOR FOOTINGS AND COLUMNS STEEL.	PROVIDE LAP LENGTH - 50 TIMES DIA OF ROD.
5.6.2023	CONCRETING FOR FOOTINGS.	M20 MIX CONCRETE IN PLACE OF M15 CONCRETE.
10.6.2023	ROD BENDING AND SHUTTERING FOR PLINTH BEAMS.	TOP BEAM RODS BEND INTO COLUMN AT EVERY CORNER.
15.6.2023	CONCRETING OF COLUMNS.	M20 MIX FOR CONCRETE.
20.6.2023	STARTING OF SHUTTERING AND CENTERING FOR STILT FLOOR SLAB.	REMOVAL OF IRREGULAR CENTERING CHECKING BEAMS AND SLAB CENTERING AS PER DRAWING.
25.6.2023	ROD BENDING OF STILT FLOOR SLAB AND BEAMS	SUGGESTED TO PROVIDE 12 DIA DEVELOPMENT LENGTHS AT EVERY END OF THE BEAMS.
30.6.2023	CONCRETING OF STILT FLOOR ROOF SLAB. I	IT HAS BEEN OBSERVED THAT THE OVERALL WORK DONE UPTO STILT FLOOR LEVEL HAS BEEN COMPLETED AS PER THE DRAWINGS ISSUED BY STRUCTURAL ENGINEER.
12.7.2023	ROD BENDING FOR COLUMNS	PROVIDE LAP LENGTH - 50 TIMES DIA OF ROD.
15.7.2023	CONCRETING OF COLUMNS	M20 MIX FOR CONCRETE.
20.7.2023	STARTING OF SHUTTERING AND CENTERING FOR GROUND FLOOR SLAB.	REMOVAL OF IRREGULAR CENTERING CHECKING BEAMS AND SLAB CENTERING AS PER DRAWING.
25.7.2023	CONCRETING OF GROUND FLOOR ROOF SLAB. II	IT HAS BEEN OBSERVED THAT THE OVERALL WORK DONE UPTO GROUND FLOOR LEVEL HAS BEEN COMPLETED AS PER THE DRAWINGS ISSUED BY STRUCTURAL ENGINEER.




Er. SK. KAREEM BASHA, M.Tech(Structures)MIE, FIV
Licenced Structural Engineer
L.St.Er.No. 17/2024-2025..
GVMC, VMRA, P.R. Gardens
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DATE	PROGRESS OF WORK	REMARKS / SUGGESTIONS
10.8.2023	ROD BENDING FOR COLUMNS	PROVIDE LAP LENGTH – 50 TIMES DIA OF ROD.
14.8.2023	CONCRETING OF COLUMNS.	M20 MIX FOR CONCRETE.
18.8.2023	STARTING OF SHUTTERING AND CENTERING FOR FIRST FLOOR SLAB.	REMOVAL OF IRREGULAR CENTERING CHECKING BEAMS AND SLAB CENTERING AS PER DRAWING.
22.8.2023	CONCRETING OF FIRST FLOOR ROOF SLAB. <u>III</u>	IT HAS BEEN OBSERVED THAT THE OVERALL WORK DONE UPTO FIRST FLOOR LEVEL HAS BEEN COMPLETED AS PER THE DRAWINGS ISSUED BY STRUCTURAL ENGINEER.
5.9.2023	ROD BENDING FOR COLUMNS.	PROVIDE LAP LENGTH – 50 TIMES DIA OF ROD.
10.9.2023	CONCRETING OF COLUMNS.	M20 MIX FOR CONCRETE.
15.9.2023	STARTING OF SHUTTERING AND CENTERING FOR SECOND FLOOR SLAB.	REMOVAL OF IRREGULAR CENTERING CHECKING BEAMS AND SLAB CENTERING AS PER DRAWING.
20.9.2023	CONCRETING OF SECOND FLOOR ROOF SLAB <u>IV</u>	IT HAS BEEN OBSERVED THAT THE OVERALL WORK DONE UPTO SECOND FLOOR LEVEL HAS BEEN COMPLETE AS PER THE DRAWINGS ISSUED BY STRUCTURAL ENGINEER.
5.10.2023	ROD BENDING FOR COLUMNS	PROVIDE LAP LENGTH – 50 TIMES DIA OF ROD.
10.10.2023	CONCRETING OF COLUMNS	M20 MIX FOR CONCRETE
15.10.2023	STARTING OF SHUTTERING AND CENTERING FOR THIRD FLOOR SLAB	REMOVAL OF IRREGULAR CENTERING CHECKING BEAMS AND SLAB CENTERING AS PER DRAWING.
20.10.2023	CONCRETING OF THIRD FLOOR ROOF SLAB <u>V</u>	IT HAS BEEN OBSERVED THAT THE OVERALL WORK DONE UPTO THIRD FLOOR LEVEL HAS BEEN COMPLETED AS PER THE DRAWINGS ISSUED BY STRUCTURAL ENGINEER.
-	ROD BENDING FOR COLUMNS	PROVIDE LAP LENGTH – 50 TIMES DIA OF ROD
-	CONCRETING OF COLUMNS	M20 MIX FOR CONCRETE.


 Er. SK. KAREEM BASHA, M.Tech(Structures)MIE, FIV
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DATE	PROGRESS OF WORK	REMARKS / SUGGESTIONS
—	STARTING OF SHUTTERING AND CENTERING FOR FOURTH FLOOR SLAB.	REMOVAL OF IRREGULAR CENTERING CHECKING BEAMS AND SLAB CENTERING AS PER DRAWING.
—	CONCRETING OF FOURTH FLOOR ROOF SLAB	IT HAS BEEN OBSERVED THAT THE OVERALL WORK DONE UPTO FOURTH FLOOR LEVEL HAS BEEN COMPLETED AS PER THE DRAWINGS ISSUED BY STRUCTURAL ENGINEER.
5-11-2023	BRICK WORKS	Completed
10-12-2023	PLASTERINGS	Completed
8-1-2024	PLUMBING	Completed
4-2-2024	ELECTRICAL WORKS	Completed
11-3-2024	PAINTINGS	Completed


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Er. Sk. KAREEM BASHA

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Visakhapatnam-530007

APPENDIX – G
[Bye – law No.12.1]
Form for Completion Certificate

To
The Authority,
G.V.M.C
Visakhapatnam (A.P).

Sir,

I hereby certify that plan showing the Occupancy of Stilt, Ground, First, Second & Third Floors R.C.C Roofed Educational Building in the place of existing building to be removed in bearing Door No. 1-156, Plot No's. 13 & 14, in the layout name and style "VIJJ HIDES " partly approved by VUDA vide L.P.No. 66/2006, covered by. S.No's. 120/6, 129/P, 131/P, 131/6, 133/1,2,3,5,6,7,8,9,10, Kommadi Village, Zone-II, Visakhapatnam has been completed on 24-04-2024 according to the plans sanctioned, vide BA No: 1086/1377/B/Z2/KDI/2023, date 12-05-2023. The work has been completed to my best satisfaction, the workmanship and all the materials (type and grade) have been strictly in accordance with general and detailed specification. No Provisions of the Building By-laws, no requisition made conditions prescribed or orders issues there under have been transferred in the course of the work. The building is fit for use for which it has been erected, re-erected, construction and enlated. The necessary occupancy certificated may be issued.



Signature Er. SK. KAREEM BASHA, M.Tech(Structures)MIE,FIV
Licenced Structural Engineer

Name ...SK.KAREEM BASHA St.Er.No. 17/2024-2025
[In block letters] GVMC, VMRDA, P.R. Gardens
Visakhapatnam-7, Cell No. 75946

License No. ...17/2024- 2025

Address D.NO.37-11-166, PR.GARDENS
VISAKHAPATNAM- 530007

Signature of owner

Dated