APPENDIX-XI

BUILDING SAFETY CERTIFICATE

NO. 106/EE-PWCC/2023 DATE : 13/10/2023

Certify that the existing building **STUDY HOME SCHOOL** at **CP-1205, Sector-12, Indira Nagar, Lucknow** comprises **1** basement(s) and **Ground + 2 (upper floors)** Owned / occupied by **STUDY HOME SCHOOL** have complied with the Building safety requirement in accordance with National Building Code Rules, and verified by officers concerned of **P.W.D. & NAGAR NIGAM, ZONE-8, LUCKNOW** on **12/10/2023** (date of inspection) in the presence of **Mrs. PRACHI RAI, PRINCIPAL, STUDY HOME SCHOOL, CP-1205, Sector-12, Indira Nagar, Lucknow** and that the building / premises is fit for occupancy upto Classes **SR./SR. SECONDARY** with effect from **13/10/2023** for a period of **THREE** years in accordance with the rule and subject to compliance of specific conditions as appended.

1.

2.

3.

4.

Issued on **13/10/2023** at LUCKNOW by

Strike out whichever is not applicable.

डी० के० मिश्रा
सहा० अभि०
लो० नि० (प०)-लखनऊ

Signature with Seal :

Name : **D. K. Mishra**

Designation : **A.E.**

Name & Address of Department / Office

Assistant Engineer & above officer of concerned Govt. Department only)

DATE: 13/10/2023

APPLICATION No.: 53512 FILE No. 106/EE-PWCC/2023

WARD: .....

PERMIT / DOC. No.: 42195

SITE OF EDUCATIONAL

SECTOR: CP-1205, SECTOR-12, INDIRA NAGAR, LUCKNOW

NAME: STUDY HOME SCHOOL

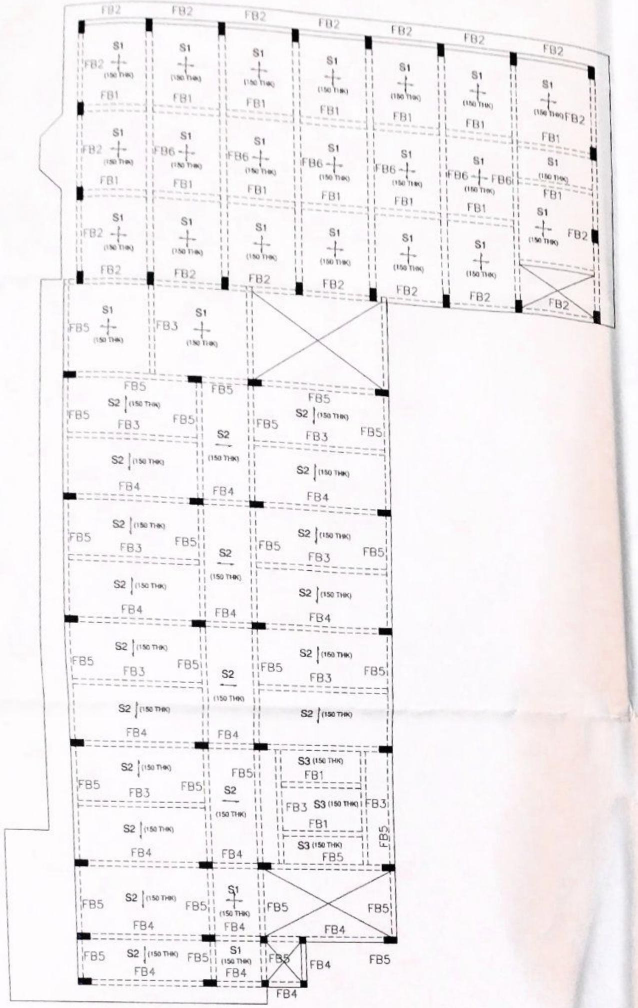
Sanction vide order dated **13/10/2023** of prescribed Authority permission to Building Safety Certificate of Maps issued by Er. Bheem Singh vide ..... as per the layout building plan & Structural/Reinforcement Drawings enclosed subject to the condition mentioned on it and if noted below.

Date of Validity : **13/10/2023**

Restrictions if Required :

☑

Digitally Signed by
(JITENDRA KUMAR)
Competent Authority (BHAWAN CELL)
Under the U.P.
Date: 13/10/2023 1:32:06 PM. Location: Lucknow



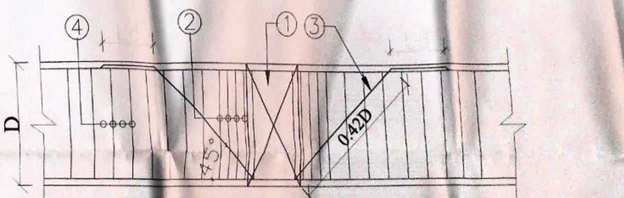
FIRST FLOOR SLAB BEAM PLAN

3.4 FLOOR BEAM SCHEDULE (M25:Fe500)

S.NO.	BEAM NUMBERS	SIZE B	SIZE D	BOTTOM REINFORCEMENT LEFT (Asb3)	BOTTOM REINFORCEMENT MID SPAN (Asb1+Asb2)	BOTTOM REINFORCEMENT RIGHT (Asb3)	TOP REINFORCEMENT LEFT (Ast3)	TOP REINFORCEMENT MID SPAN (Ast1+Ast2)	TOP REINFORCEMENT RIGHT (Ast3)	SHEAR STIRRUPS LEFT Spacing @P1 in X1 Zone	SHEAR STIRRUPS MID SPAN Spacing @ P2 in X2 Zone	SHEAR STIRRUPS RIGHT Spacing @ P1 in X1 Zone	SFR	REMARKS
1.	FB1	230	450	3-T12	3-T12	3-T12	3-T12	3-T12	3-T12	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@150 C/C	-	
2.	FB2	230	450	3-T12 + 2-T12	3-T12	3-T12 + 2-T12	3-T16 + 2-T12	3-T16	3-T16 + 2-T12	2L-T8@100 C/C	2L-T8@150 C/C	2L-T8@100 C/C	-	
3.	FB3	230	450	3-T16	3-T16 + 3-T12	3-T16	3-T12	3-T12	3-T12	2L-T8@150 C/C	2L-T8@150 C/C	2L-T8@150 C/C	-	-
4.	FB4	230	600	3-T16	3-T16	3-T16	3-T16 + 2-T16	3-T16	3-T16 + 2-T16	2L-T8@100 C/C	2L-T8@150 C/C	2L-T8@100 C/C		-
5.	FB5	230	600	3-T16	3-T16 + 2-T12	3-T16	3-T16 + 2-T16	3-T16	3-T16 + 2-T16	2L-T8@100 C/C	2L-T8@150 C/C	2L-T8@100 C/C		-
6.	FB6	300	750	4-T16 + 4-T16	4-T16 4-T16	4-T16 + 4-T16	4-T20 + 4-T20	4-T20	4-T20 + 4-T20	4L-T8@100 C/C	4L-T8@150 C/C	4L-T8@100 C/C	1-T12	-

4.1 SLAB SCHEDULE (M25 : FE500)

SLAB NUMBERS	THK	TYPE	BOTTOM REINFORCEMENT SHORT SPAN (BENT UP)	BOTTOM REINFORCEMENT LONG SPAN (BENT UP)	TOP REINFORCEMENT SS CONT.	TOP REINFORCEMENT LS CONT.	DISTRIBUTION	REMARKS
S1	150	2-Way	T10@ 150	T10 @ 150	T10 @ 150	T10 @150	T8 @ 300	---
S2	150	1-Way	T10@ 150		T10 @ 150		T8 @ 300	---
S3	150	2-Way	T10@ 150	T10 @ 150	T10 @ 150	T10 @150	T8 @ 300	SUNKEN SLAB



1. SECONDARY BEAM (OF SAME SIZE OR SMALLER)
2. CLOSE TIES (as per schedule)
3. SPECIALLY SHAPED HANGER BAR -3 NOS 16 #
4. MAIN BEAM

DETAIL OF SECONDARY BEAM RESTING ON MAIN BEAM

NOTES:-

1. ALL DIMENSION ARE IN M.M.
2. WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. ANY DISCREPANCY IN THIS DRAWING SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT
4. PLINTH AREA SHALL BE CHECKED BEFORE EXECUTION OF WORK.
5. EXECUTIVE/CONTRACTOR SHOULD CHECK & VERIFY FEASIBILITY OF BUILDING ON GROUND BEFORE EXECUTION.

GENERAL NOTES FOR R.C.C.

[1] THE PROPERTY OF MATERIAL SHALL BE TAKEN AS PER TABLE BELOW:-

PROPERTY OF MATERIAL		
MATERIAL	GRADE	REFERENCE
REINFORCEMENT	Fe-550	CONFORM TO IS- 1786-1985
CONCRETE	M-25 MIX DESIGN	CONFORM TO I.S. 456- 2000

[2] CLEAR COVER TO MAIN REINF.(OUTER LAYER) SHALL BE AS PER TABLE BELOW:- (IS 456:2000 CLAUSE-26.4.2)

ELEMENT	TOP/BOTTOM	SIDE
SLAB :-	20 MM	
BEAM :-	25 MM	25 MM
FOOTING :-	50 MM	
COLUMN :-	-	40 MM

[3] LAP / DEVELOPMENT LENGTH 'Ld' FOR DIFFERENT DIA. OF BARS FOR REINF. SHALL BE TAKEN AS PER TABLE BELOW:-

DEVELOPMENT LENGTH(Ld) (DESIGN MIX) FOR M-25 & Fe-500			
S.no.	Dia of Bar	Compression	Tension
1	8Ø	417	521
2	10Ø	521	652
3	12Ø	625	782
4	16Ø	834	1042
5	20Ø	1042	1303
6	25Ø	1303	1628
7	32Ø	1667	2084

[4] THE FIXTURES LIKE, CHAIR ETC. SHALL BE PROVIDED AS PER IS RECOMMENDATION & PRACTICE.

[5] THE PLACEMENT OF REINFORCEMENT FOR MEMBERS SHALL BE PROVIDED STRICTLY AS RECOMMENDED BY THE IS CODE & GIVEN TYPICAL DRAWINGS.

[6] THE ELECTRICAL CONDUITS SHALL BE LAID IN COMPRESSION ZONE OF R.C.C MEMBER.

[7] THE SPACING OF NEGATIVE REINFORCEMENT SHOULD NOT MORE THAN 200 MM.

[8] THE EXCAVATION OF FOUNDATION MUST BE UP TO FIRM SOIL.

[9] STRUCTURE HAS BEEN DESIGN SEISMIC ZONE -III

[10] STRUCTURE HAS BEEN DESIGN =B+G+1 STOREY

[11] S.B.C. = 120.00 KN AT 1.5M DEPTH FROM NATURAL GROUND LVL AS PER RECOMONDED BY CLIENT

SL. NO.	DATE	DESCRIPTIONS	INITIALS

STRUCTURE DRAWING

PROJECT:-
STUDY HOME SCHOOL LUCKNOW THROUGH MANAGER Mr R.B.SINGH SITE SITUATED AT SECTOR 12 INDIRA NAGAR, NEAR MUNSI PULIYA CHAURAHA, CITY AND DISTT- LUCKNOW (U.P)

NAME OF BUILDING	INSTITUTIONAL
DRG. TITLE	FIRST FLOOR SLAB BEAM PLAN & DETAILS
SHT. NO	03/07
SCALE F.T.P.	DATE 12/04/2005

MANAGER

CONSULTANT:-
ER. BHIM SINGH
B.E (Civil), M.E (Structure), M.I.E.
STRUCTURAL DESIGNER :
Er. BABLU GAUTAM
B.Tech (Civil) M-Tech. (Civil)
Professional Engineer (P.E.) India
CHECKED BY :
ER. BHIM SINGH
Chartered Engineer
Adress: 102-104 MADHUBAN SHOPPING COMPLEX, RAEBARELI
e-mail- dorbconcept@gmail.com, bablugautam454@gmail.com
Er. Bhim Singh
B.E, M.E, F.I.V., M.I.E.
Chartered Engineer M-132
102-104, Madhuban Shopping Complex
Rae Bareli-229001