

# STRUCTURAL SAFETY & STABILITY CERTIFICATE

पत्रांक से- 78/जाय

दिनांक - 09-02-2022

1. Certified that the building constructed at site, also satisfy the safety requirements as stipulated in the Indian Standards, Codes, Guidelines and the information given in the attached Building and understanding.
2. It is also certified that the structural design including safety from natural hazards including earthquake has been done properly at site

Location/address of building :SITUATED AT NAI BASTI 194/1 SUMAN NAGAR , DHARMAPUR, DISTT.-DEHRADUN.

OWNER NAME : FOR SCHOOL NAMED GOVARDHA SARASWATI VIDYA MANDIR INTER COLLEGE THROUGH CHAIRMAN ANIL NANDA S/O NANAK CHAND.

Particulars of Building :-

A	Ground coverage (SQMT.)	=503.04 SQ. MT.
B	Total covered area (SQ.MT.)	=2374.43 SQ. MT.
C	Maximum number of floors above the ground	=G+3



Signature of owner



RAGHAV PARASHAR  
CA/18/99104

Signature of Architect



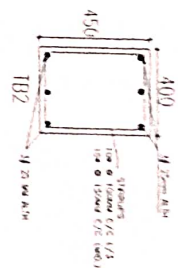
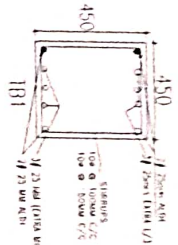
GEO. Damin, M  
(ASE) Grade - I  
DOH-UKG-I/ASE-11/2019

Signature of structural engineer

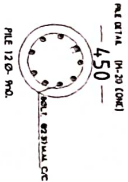
11 March 2022  
10 March 2022

# BEAM DETAILS

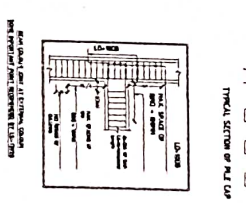
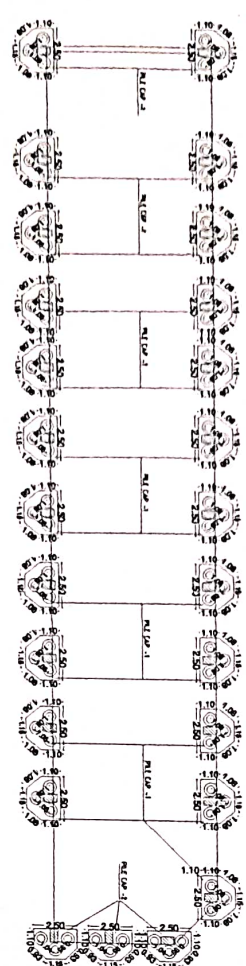
Beam No.	Bar/Bar	Bottom	Top/Extra	Reinf.	Size
B1	4-250	4-250	4-250	NOSTRIPS	70X150
B2	3-250	3-250	3-250	NOSTRIPS	450X150
B3	2-200	3-200	3-200	80STRIPS	400X300
B4	2-200	2-200	2-200	80STRIPS	300X300



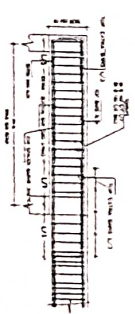
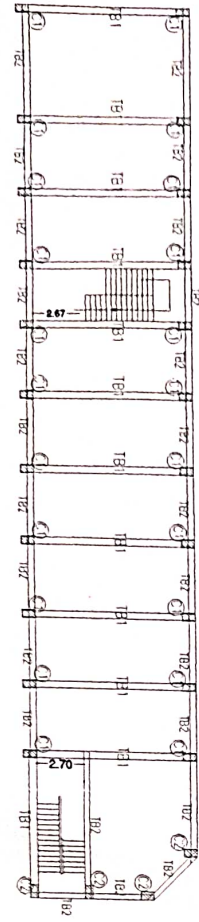
Cap No.	Cap Size	Cap Depth	Bottom Bars (1000)	Bottom Bars (1000)	Top Bars (1000)	Top Bars (1000)	Reinf. Size
Cap 1	45 PCC PLAN	1.20 M	1000 Ø 125 C/C	1000 Ø 125 C/C	1000 Ø 125 C/C	1000 Ø 125 C/C	125 Ø 10
Cap 2	45 PCC PLAN	1.20 M	1000 Ø 125 C/C	1000 Ø 125 C/C	1000 Ø 125 C/C	1000 Ø 125 C/C	125 Ø 10



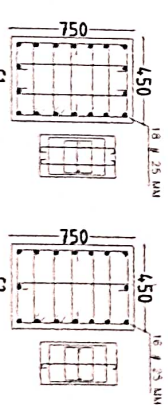
## PILE CAP PLAN



## COLUMN/TIE BEAM PLAN



## COLUMN DETAIL (M-30)



## SCHEDULE OF SLABS

SLAB TYPE	CONTINUOUS BARS		EXTRA TOP BARS		BINDERS	THICKNESS
	Short span(a)	Long span(b)	Short span(a)	Long span(b)		
S-1	100@150c/c	100@175c/c	100@150c/c	100@175c/c	80@200c/c	150

COMPOUNDING (O.T.) ADDITION ALTERATION FOR SCHOOL NAMED SHREE GOVARDHA SARASWATI VIDHYA MANDIR INTER COLLEGE, THROUGH CHAIRMAN ANIL NANDA S/O NANAK CHAND, SITUATED AT NA BASTI, 1<sup>ST</sup> SUMAN NAGAR, DHARMA PUR, DEHRADUN, UTTARAKHAND.

CEO Darin, M  
MSE/Grade-1  
DOH/1000/1/ASE/11/2019

SIG. OF STR ENGG