

## BUILDING SOUNDNESS CERTIFICATE

NAME OF THE BUILDING : BHPV SENIOR SECONDARY SCHOOL  
YEAR OF CONSTRUCTION : A) VIKRAM BLOCK \_\_\_\_\_  
B) BOSE BLOCK \_\_\_\_\_  
C) ROMAN BLOCK \_\_\_\_\_

BHPV SR.SEC. SCHOOL Building was thoroughly inspected by me along with Secretary, BHPV SMC and the following are the observations.

### 01. TYPE OF CONSTRUCTION :

Conventional load bearing structure is 38 cm thick RR masonry walls in cement mortar 1 : 6 RCC beams and roof slab designed as continuous slab as "T" beams resting on Masonry wall. The Verandah of 2.1m width is supported on RCC columns on RCC columns of 25x25cm with isolated footings.

### 02. SOIL & FOUNDATION :

The area is originally hard gravelly soils whose SBC can be safety taken as 20t/sq.m. The main walls appear to be on plain cement concrete and RR masonry footings well spread no settlement cracks are notice in plinth.

### 03. FINISHING


The masonry walls are plastered with cement mortar. No cracks are noticed. The external plastered surface is painted with waterproof cement paints snowcem and internal surface is white washed.

### 04. FLOORING

Ordinary cement concrete flooring done and this is found to be in order.

After examining all aspects of structural design, construction and present maintenance the building comprising of ground floor and first floor with verandah is found to be structurally sound.

Date :

  
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