Er. SAHDEO

BE (CNI) U.O.R. Roomee (I.I.T. Roomee) M.E. (Stactural Dynamics) U.O.R. Roomee (I.LT. Roomee) Rend, Decultive Engineer (U.R. Impellion Dept.)

## SAHDEO & ASSOCIATES

ENGINEERS - VALUERS - STAUCTURE DESIGNEE

## TO WHOM IT MAY CONCERN

Certified that the structural design of the building ST. MARY'S CONVENT SCHOOL (INTERMEDIATE SCHOOL VILL-ENFIELD GRANT KHASEANO 5126 5284(4) 5217 (K) 5133(6) 5237(KHA)5152, 52138) 41 HASHAGAR is based on Indian national building codes. The live BENPALUS (U.L.) Loads/Imposed loads and wind loads are taken as per I.S. 875:1964, the seismic loads are taken as per I.S. 1893 (P1-1) :2002, The deign bending moments, shear forces and torsion and also allowable stresses in concrete and steel are taken as per 1.S. 456:2000. The allowable settlement of foundation adopted as per I.S. 6403 :1981 and allowable deflection in beams and columns and 'sway of building is taken as per 1.S.456 :2000. The ductility and earth quake resistant provisions are provided as per I.S. 13920 :1993. The bearing capacity of soil is adopted as per soil test reports supplied .

The above mentioned building will be safe against dead loads, live loads/Imposed loads, wind loads and seismic loads of zone IV

/ Principal St. Mary's Convent Sr. Sec. School Aff. No. 3530036 VIKASNAGAR-248198 Dehradun (Uttarakhand)

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