

(PREVIEW)

Indian Standard

SELECTION AND DEVELOPMENT OF SITE FOR BUILDING IN HILL AREAS — GUIDELINES

PART 2 SELECTION AND DEVELOPMENT

1 SCOPE

1.1 This standard (Part 2) gives guidelines for the selection of building sites in mountainous terrains on various types of soils and rock with least slope stabilization and/or protection works. An individual building site, depending upon the specific requirement, importance and special foundation soil and terrain characteristics may require separate detailed study and investigations.

1.2 In high altitude cold regions freezing and thawing of the ground pose special problems which require separate careful study for selection of building sites and evaluate the depth of building foundations. Also snowfall and avalanches along steep slopes which result in damage to building require detailed investigations for each site.

2 REFERENCES

2.1 The following Indian Standards are necessary adjuncts to this standard:

<i>IS No.</i>	<i>Title</i>
1893 : 1984	Criteria of earthquake resistant design of structure (<i>fourth revision</i>)
12070 : 1987	Code of practice for design and construction of shallow foundation on rock
13063 : 1991	Code of practice for structural safety of buildings on shallow foundations on rock