

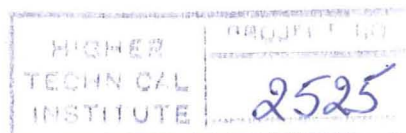
DESIGN OF A TIMBER HOUSE

Project Report submitted by

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INPUT	CALCULATION	OUTPUT
	<p style="text-align: center;"><u>THE DESIGN OF A TIMBER HOUSE</u></p> <p>Timber species may be categorized either as hardwoods or softwoods, according to their characteristics such as their colour, their lightness, their weights etc.</p> <p>In our construction industry, the softwood is the most commonly used due to its strength requirements, durability in service and serviceability. Such softwood are: European Redwood, European Whitewood and Canadian Spuse-Pineflr.</p> <p>Basic stresses</p> <p>Basic stress is the safe stress for a member which doesn't include the strength-reducing characteristics.</p> <p>The strength of Timber is reduced by defects such as follows:</p> <p>(i) <u>Natural defects</u></p> <ul style="list-style-type: none"> Knots Shakes splits checks <p>(ii) <u>Distortion</u></p> <p><u>Conversion defects</u></p> <p>Grade stresses</p> <p>Grade stress is the safe stress for a Timber member which gives account the defects of knots on the strength of the Timber.</p>	

CONTENTS:

1.INTRODUCTION	PAGE 1
2.TRUSS MEMBERS	PAGE 25
3.PURLINS	PAGE 37
4.BEAMS	PAGE 41
5.COLUMNS	PAGE 71
6.FOOTINGS	PAGE 82
7.CONNECTIONS	PAGE 91
8.REFERENCES	PAGE 94