



U3 – Load Bearing

<p>Objectives:</p> <ul style="list-style-type: none"> - Have the ability to read and understand architectural plans and construction drawings - Know different structural options - Know the dis-/advantages of every solution <p>Kind of skills:</p> <ul style="list-style-type: none"> - Make a building schedule - To organize and do the work within the schedule - To make a cutting list - Calculate the building costs <p>Method:</p> <ul style="list-style-type: none"> - Lecture/Talk - Explanations - Practice 		<p>Trainer:</p> <p>Location: Classroom</p> <p>Duration: 5 hours</p> <p>Equipment: Over-head projector Flip chart</p>
Theory	<ul style="list-style-type: none"> - Basics of architectural plans and construction drawings - Different structural options, characteristics and bale requirements - Advantages and disadvantages of different techniques - How to prepare a building schedule - How to make a cutting list - Calculate the building costs (material, labour, etc) 	<p>Documents :</p> <p>Info sheets: I1 Drawing basics I2 Drawings for E1 & E2</p> <p>Text sheets: X1 Straw bale and legislation X2 Advantages and disadvantages of load-bearing X3 Characteristics of different options X4 Organisation of building site and schedule X5 Design basics</p> <p>Exercise sheets: E1 Make a building schedule E2 Cutting list E3 Calculating material and costs E4 Drawing construction details</p> <p>Evaluation: Multiple choice</p>
Practical	<ul style="list-style-type: none"> - Study and develop a case-study comparing the results with other trainees. 	
<p>Organisation :</p> <p>Prepare a case study for every group of trainees (2-3 persons), study it in order to be able to compare it with the results of the participants.</p>		