Figure 137. MAP OF THE SURVEY

**Building process**
- Parts of the process involved when making the timber frame (p. 243)

**Tasks when laying out and marking the timbers**
- Foundation
- Timber frame
- Roof covering
- Exterior (null / insulation / paneling)
- Interior (floor / windows / doors)
- Plumbing / electrical

**Layout and Marking methods**
- Site measurement & setting out
- Marking & reference
- Nailing & assembling
- Marking details of joinery

**Tools for marking**
- Carpenter’s square
- Spirit level
- Carpenter’s rule
- Bevel gauge
- Marker’s triangle
- Rafter square
- Pitch board
- Red gauge

**Situations**
- 1 - 90 degrees - same reference plane (p. 120, 127-135)
- 2 - Inclined - same reference plane (p. 120, 132-136)
- 3 - 90 degrees - three meeting reference planes (p. 120, 147-158)
- 4 - Inclined / horizontal - different reference planes (p. 120, 147)
- 5 - Double inclined / plane - regular plan (p. 121, 134-139)
- 6 - Double inclined / plane - irregular plan (p. 121, 132-136)
- 7 - Double inclined / vertically inclined (p. 121, 148, 149)
- 8 - Double inclined / horizontally turned (p. 121, 143)
- 9 - Double inclined / vertically inclined - two cuts (p. 121, 147)

**Meetings**
- Simple (p. 128)
- Advanced (p. 129)

**Joint type**
- Scarf joints (p. 120, 121-125)
- Cross joints (p. 120, 127-130)
- T-joints (p. 120, 127-130)

**Tasks when laying out and marking the timbers**
- Preparations
- Sorting
- Distributing
- Leveling
- Positioning
- Marking
- Cutting
- Assembling
- Raising

**Columns**
- Column 1: Building process
- Column 2: Parts of the process involved when making the timber frame (p. 243)
- Column 3: Tasks when laying out and marking the timbers
- Column 4: Layout and Marking methods
- Column 5: Tools for marking
- Column 6: Situations