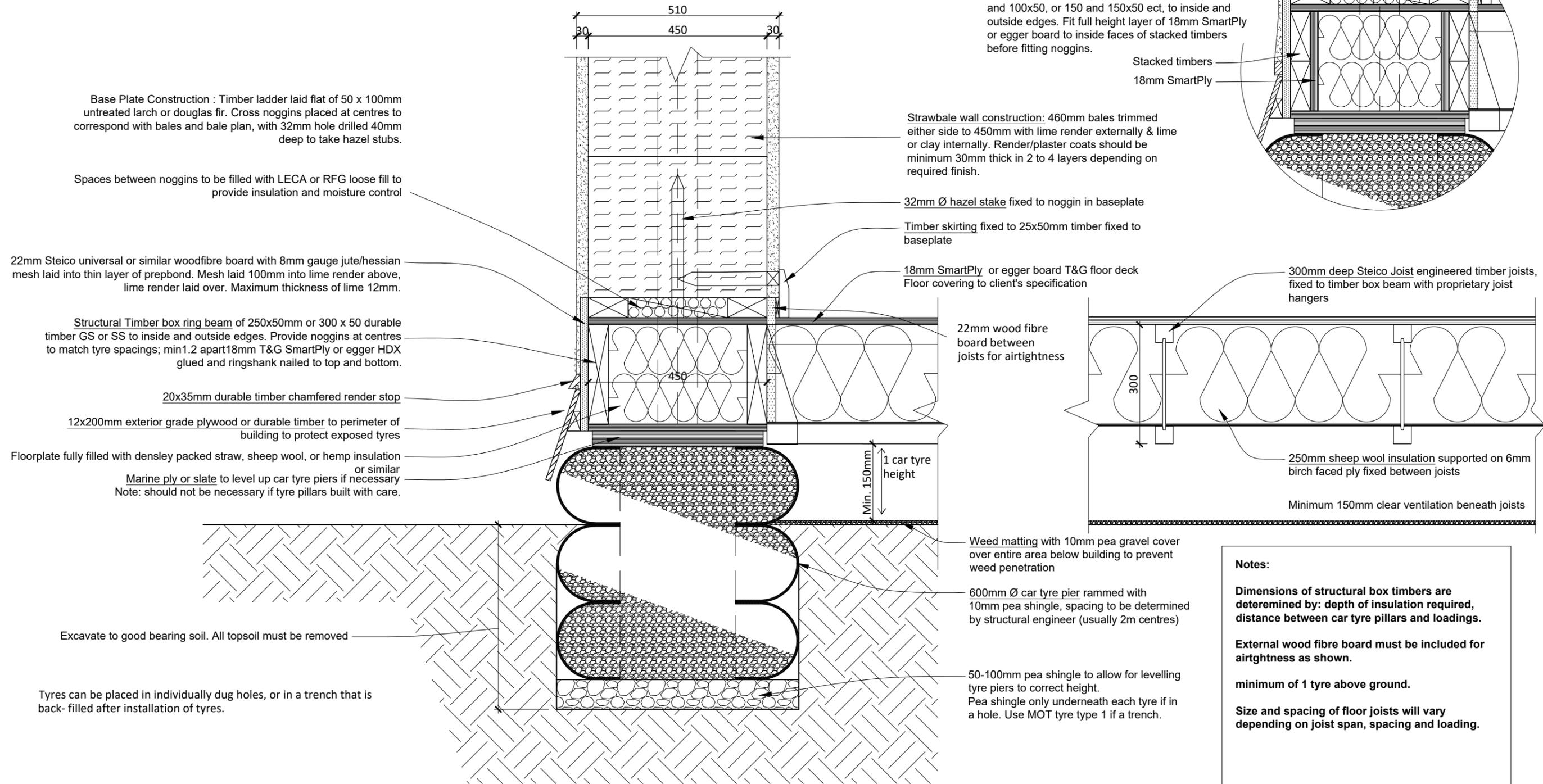


These foundations are specifically designed to be cement free. **There must be no deviation from these details without written agreement from Straw Works Ltd.** In keeping with our strong environmental principles & to keep construction costs down.



**Optional box ring beam construction (see also 06-01a):**  
2no. 125x50mm C24, stacked to form 250x50 or 150 and 100x50, or 150 and 150x50 ect, to inside and outside edges. Fit full height layer of 18mm SmartPly or egger board to inside faces of stacked timbers before fitting noggins.

**Notes:**

**Dimensions of structural box timbers are determined by: depth of insulation required, distance between car tyre pillars and loadings.**

**External wood fibre board must be included for airtightness as shown.**

**minimum of 1 tyre above ground.**

**Size and spacing of floor joists will vary depending on joist span, spacing and loading.**

**Section through tyres (parallel to joists)**

**Section through joists**

**Damp & self draining foundations:** car tyres and peashingle/ gravel are porous materials that do not allow moisture to wick upwards from the ground. The use of non porous materials means that there is no need for a proof course.

Revision Notes:  
A (27-01-17) HH Floorplate details  
B (28-02-19) HH Stacked timber detail

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**Date:** February 2019  
**Scale:** 1:10 - @ A3  
**Drawn:** Straw Works

**Client:** -  
**Project:** Standard Details

**Drawing:** **Car Tyre foundations**  
**Drawing No:** **01-10**  
**Revision:** **B**

