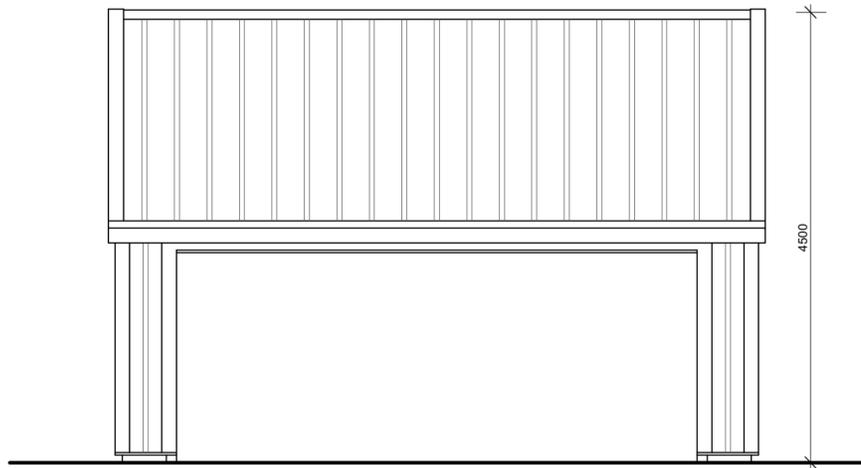
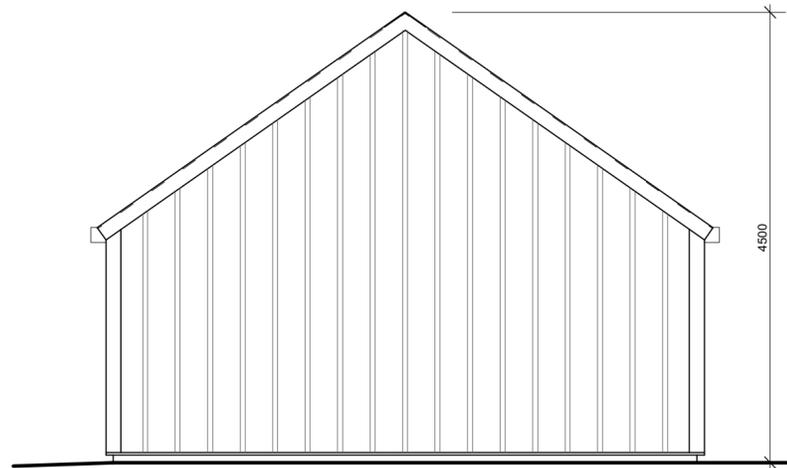


**NOTE** DO NOT SCALE THIS DRAWING - USE DIMENSIONS  
 The Contractor is to check and verify all dimensions on site before starting work and report any omissions or errors.  
 This drawing is to be read in conjunction with all relevant consultants and specialists drawings.  
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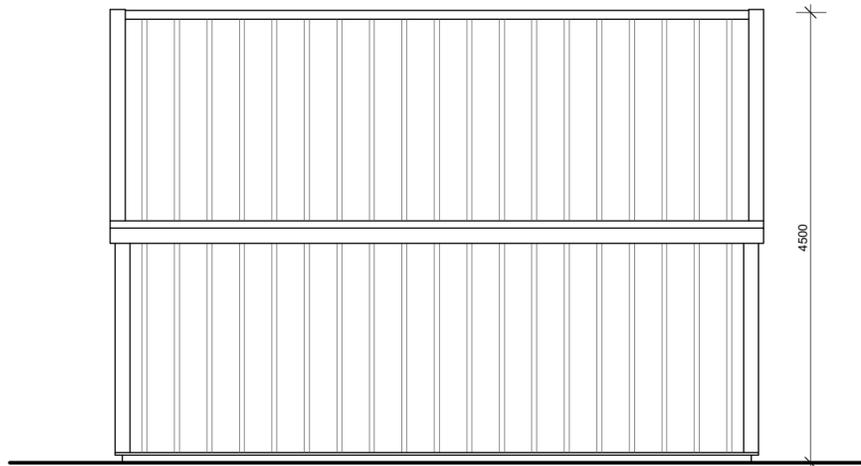
| REVISIONS |       |    |      |
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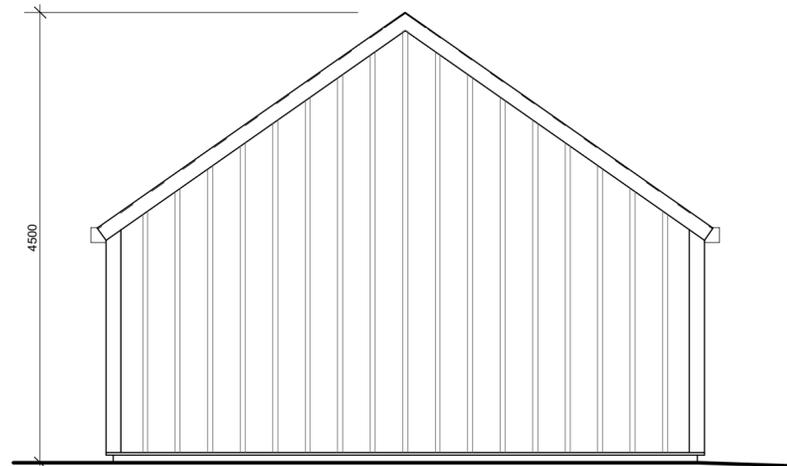
**east elevation (plot one)  
 north elevation (plot two)**



**north elevation (plot one)  
 west elevation (plot two)**



**west elevation (plot one)  
 south elevation (plot two)**



**south elevation (plot one)  
 east elevation (plot two)**

**construction notes**

**Roof Construction**  
 Over clad with new dark grey, single skin 'anti condensation' profiled metal sheet cladding, complete with all flashing trims, drips, closure pieces, verge capping's, ridges etc as necessary to install the cladding in accordance with manufacturers recommendations fixed to min. 38 x 75mm preservative treated softwood timber battens on 22mm moisture resistant WBP plywood decking on prefabricated timber roof trusses at max. 600mm centres, designed and manufactured by specialist in accordance with BS5269:1985 Part 2 and to be fixed with horizontal and diagonal wind braces and binders.  
 Calculations and computer printouts for the roof structure to be approved by Building Control Officer.  
 Trusses to sit on new 50 x 100mm C24 grade, preservative treated softwood timber wall plate resin anchored into the top of the dense blockwork wall at max. 300mm centres.  
 Roof trusses secured to the wall plate using Simpson Strong Tie 'TCP38 Truss Clips'.  
 Roof trusses are laterally restrained using 30 x 3.75mm x 1500mm long galvanised mild steel straps by Simpson Strong Tie 'HES Strap' at maximum 2000mm centres up the slope of the roof and carried over minimum 3 No. rafters with solid noggins between, straps turned over the top of the blockwork wall a min. 100mm.

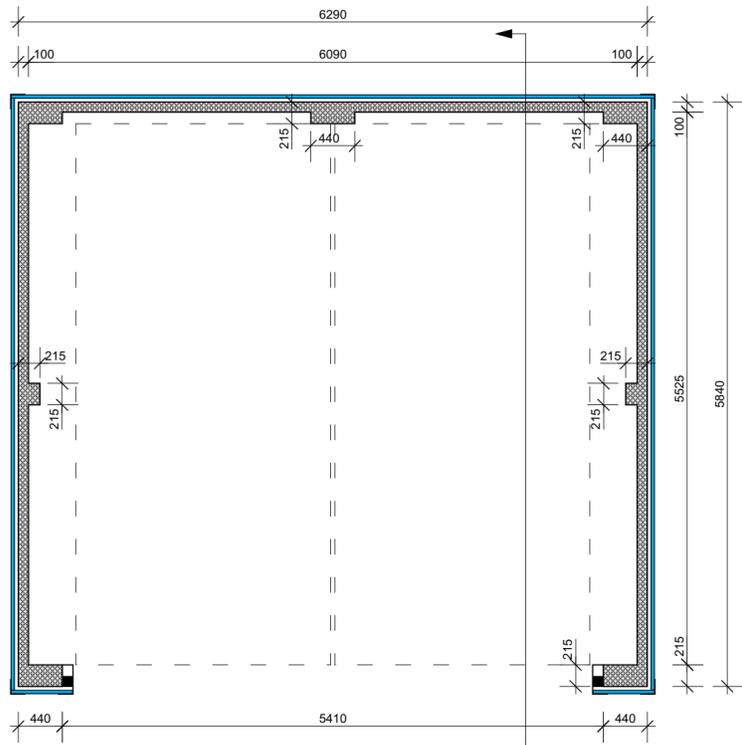
**Eaves, Verge, Gutters and Downpipes**  
**Verge (see elevations)**  
 Verge detail to the gable ends are to be formed in profiled metal flashing pieces as part of the roof cladding installation, coloured Dark Grey to match.  
**Gutters and Downpipes**  
 Typically, all rainwater goods to be powder coated aluminium.  
 New box gutters to be approx. 150mm deep x 150mm wide, discharging via new circular downpipe approx. 68mm Ø and should connect into the existing below ground surface water system.  
 Gutters and downpipe supplied complete with necessary brackets, stop ends, couplings, outlets, etc to ensure the installation is in accordance with the manufacturers recommendations.  
 All gutters are to be fixed on appropriate support brackets back to the roof structure.  
 Allow for rodding access at base of rainwater pipes.  
 All rainwater components to be colour Dark Grey to match the cladding.

**Lintels and Posts**  
 Steel posts and beam framing the car port openings are to be to engineers details.

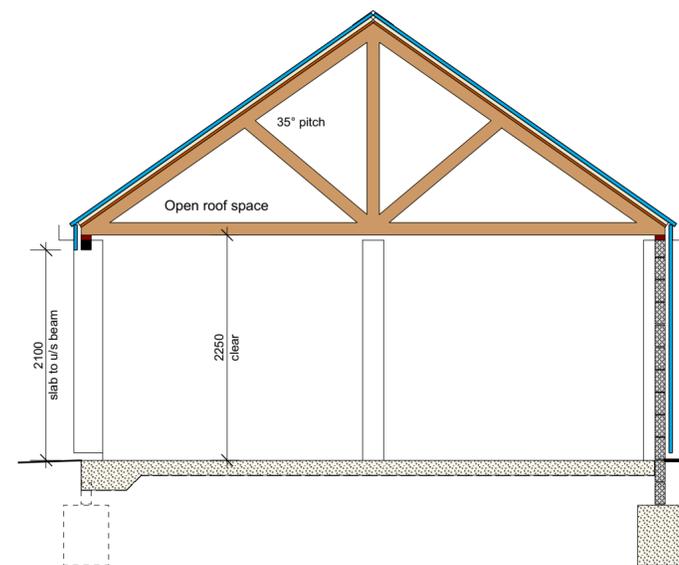
**External Wall**  
 Typically, external walls are to be constructed in 100mm thick, 7N/mm<sup>2</sup>, Cemex ReadyBlock 2000 dense concrete block with close textured finish for decoration  
 Overclad the blockwork externally with dark grey profiled metal sheet cladding (to match the barn) fixed onto min. 38 x 75mm, horizontal, preservative treated softwood timber battens with slight slope on the top edge to allow any moisture to drain.  
 Cladding supplied complete with all trims, drips, closure pieces etc as necessary to install the cladding in accordance with manufacturers recommendations.  
 Batten space behind the cladding is to be protected from insect infestation by the installation of a suit in insect guard/mesh along the bottom edge of the cladding, colour to match the boarding.

**Floor Construction**  
 150mm GEN 3 insitu concrete floor slab on 1200 gauge Icopal Limited Monarflex Damp Proof Membrane laid onto min. 200mm thick, well compacted and sand blinded hardcore sub-base all set with 25mm fall towards the openings.  
 Where the floor slab abuts the masonry wall, the DPM is to link lap with the Ruberoid Hyload DPC in the wall at floor level with a secondary DPC the next full block course above the slab level.

**Foundations**  
 Typically all foundations are to be GEN 3 concrete mix, min. 450mm wide x 600mm deep trench fill foundations (pad to the central steel post).  
 Exact depth to be agreed with engineer and Building Control and subject to the nature of sub soil and the proximity of any trees.



**floor plan**



**typical section**

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RIBA #  
 Chartered Practice

client:  
**Harveys Garden Plants**  
 project:  
**Barn,**  
 Harveys Garden Plants  
 Great Green, Thurston, Suffolk.  
 drawing title:  
 Proposed Car Port

|                 |         |                     |        |        |        |
|-----------------|---------|---------------------|--------|--------|--------|
| project no:     | dwg no: | rev:                | drawn: | scale: | date:  |
| 7155            | 500     |                     | mlk    | 1:50   | Aug 20 |
| drawing status: |         | <b>Construction</b> |        |        |        |