

PROPOSED ROOF PLAN

SCALE 1:100@A3

3M 5M 1M 2M 4M 0M

REV	DATE	REVISIONS
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В		
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Project Address

Drawing Title

Proposed

Roof Plan

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	Scale	1:100@A			
	Drawn By	TDH			
Little Hallingbury	Checked By B/I	TDH			
Bishops Stortford	Checked By Client	~			
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	Drawing Number				

DETAILS

CONTRACTOR
_
SX
D 2 X 1"
ARCHITECTURE
enquiries@sxarchitecture.co.uk
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FOUL DRAINAGE:

Due to the inspection of any manholes on the property the existing drain runs have been assumed. The builder is to expose any existing drain runs in the new connections all to the approval of the building control officer.

Notification to Anglian Water to build over a public sewer may also be required unless existing drains meet certain criteria.

THESE BEING;

- 1. Sewer less than 3 metres deep.
- 2. Sewer 150mm diameter or less.
- 3. Length of sewer under a building must not exceed 6 metres.
- 4. No manholes or access point permitted under/in a building.
- 5. Gravity sewer and not pumped.
- 6. Suitable foundation design to ensure that no loads are imposed on the public sewer.

SURFACE WATER:

Surface water to disperse to new soakaway min 5 metres from building location to be determind on site by the builder and client.

LINTELS:

Use Catnic Standard Duty CG90/100 for standard duty lintels over openings in new external walls

Roof Section: A-A Section: B-B 22.6° Between Joists TNO) Standard Flasterbo TNO) GTEC DB Plasterbo Cross Bonded \$ Finished New steel beams bolted 38 X 38 — Softwood Batterns with angle plate connection to Engineers Details S.W Fascia Finished All Steel Beams to Structural nameers Calculations 450

Section: A-A Scale: 1:20

Roof tiles to match existing

Roof rafters 47×150 c24 @600mm C/Cs Ceiling Joists set up at 400mm C's x 150mm C24 \$ 47×150 C24 binders @1200 C/Cs

Loft insulation 150mm between joists with 200mm over

350mm Lead Flashing overlapped 150mm on to the roof with 150mm return up to the wall inserted inot brick line 20mm.

Roof tlles to match existing laid on 38x25 roof treated batons.

80mm Celotex or equivalent Cavity Insulation with 50mm insulation over with 50mm Air gap.

Skylight Velux Windows encased all round with double joist trimmers to engineers detail.

Timber floor joists set up at 400mm C's 47x195mm C24, binders @12 C/Cs T&G chipboard 18/22mm glued and screwed to joist

Treated 47 x I 25 Joists set at 400mm C's.

Breathable sarking felt e.g.

Tyvek Supra Plus or Equivalent.

Windows/Doors to match existing style.

75mm sand / cement screed reinforced with D49 steel mesh fabric laid over 500g VCL 75mm Insulation, joints taped over 100mm ground bearing slab laid on 1200 gauge polythene membrane, lapped at edges with DPC, sand blinding on 150mm well graded, compacted hardcore.

Thermal Insulation Blockwork.

90mm Full Fill Cavity Insulation Dritherm or Equivalant.

Facing Brickwork.

Perimeter Insulation.

DPM Above Concrte.

Cavity Fill.

G.L

Foundation design and depths to match existing, final foundation depths to be agreed on site with local authority building inspector.

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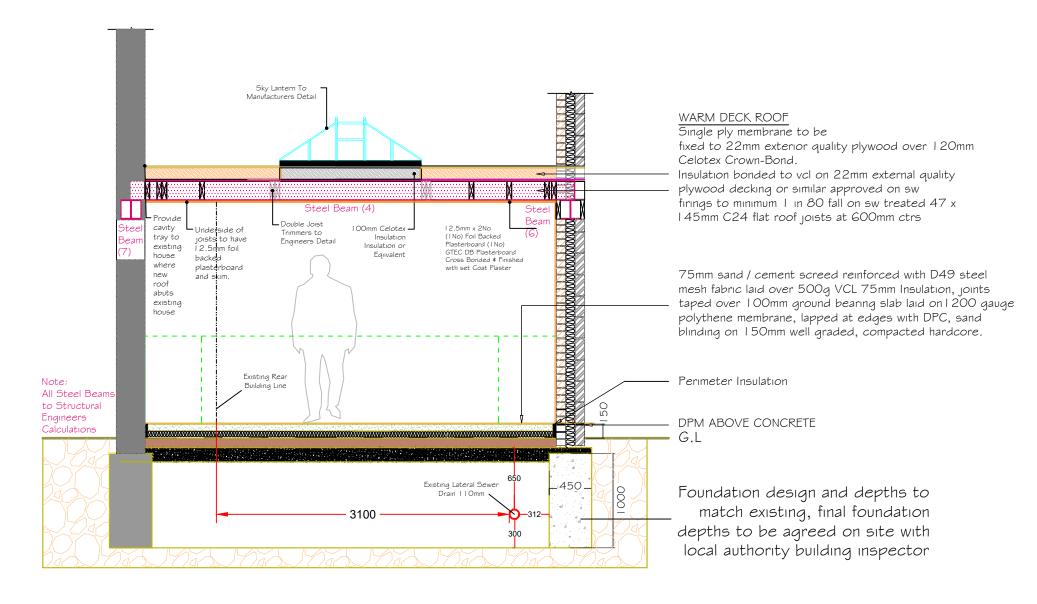
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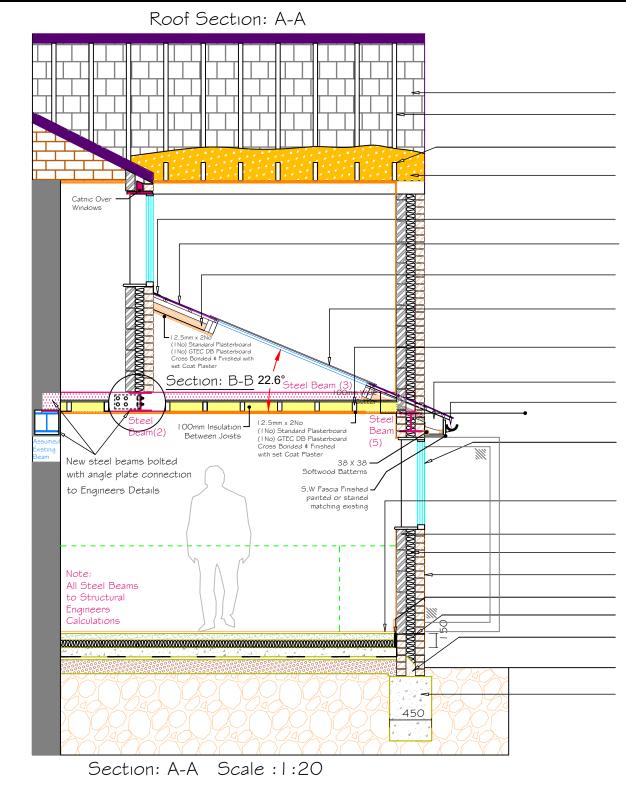
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