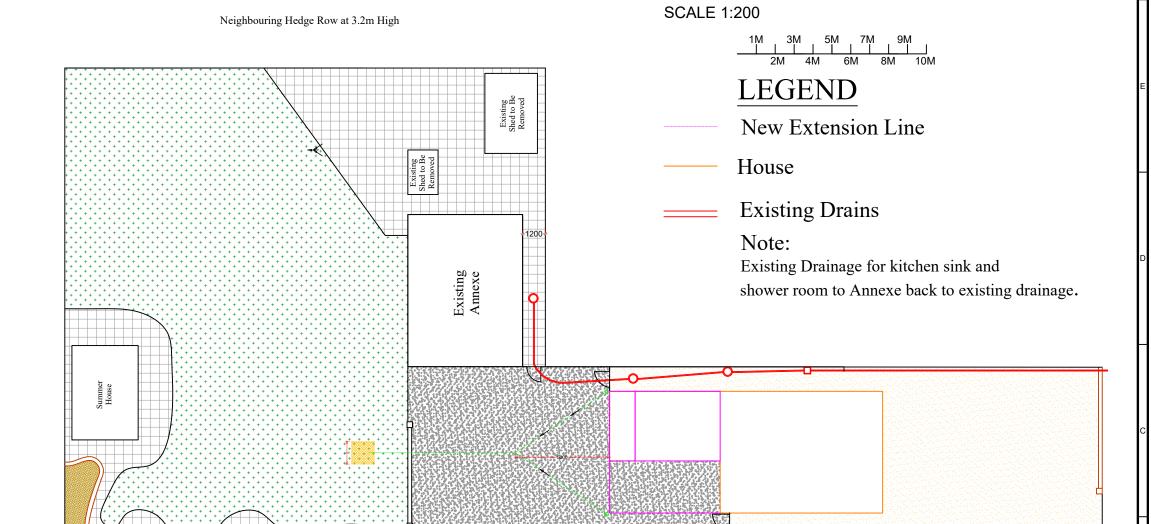


- 1.RAINWATER DRAINAGE: New rainwater goods to be new 110mm UPVC half round gutters taken and connected into 68mm dia UPVC downpipes.
- 2.Rainwater taken to new soakaway, situated a min distance of 5.0m away from any building, via 110mm dia UPVC pipes surrounded in 150mm granular fill.
- 3. Soakaway to be min of 1 cubic metre capacity (or to depth to Local Authorities approval) with suitable granular fill and with geotextile surround to prevent migration of fines. If necessary carry out a porosity test to determine design and depth of soakaway.
- 4.Allow 1m3 capacity for every 25m2 of new roof area.Location position of soakaway and proposed new drain runs following further investigation of existing to be agreed with:

 Client, BC & Constuction Co.
- 1. SOAKAWAY USING CRATES.

Trench of soakaway to be provided slightly than designed depth after porosity test (if required) but just oove 1m3 min from invert level of pipe. Provide suitable geotextile over the base and up the sides of the trench over 100mm level and compact bed of coarse sand. Install aquacell crate units or equivalent as manufacturers details, Geotextile to be wrapped around crates. Provide 100mm of course sand between trench walls and over the aquacell structure. Backfill with suitable material.



BLOCK PLAN 1:200

REV	DATE	REVISIONS	D	December	Duningt Addings	INF	DETAILS	CONTRACTOR
Α			Drawing Title	Description	Project Address			
В						Scale	1:100@A3	CV
С			Block	Ground & First		Drawn By	TDH	$SX \mid \mathcal{I} \rightarrow \mathcal{I}$
D			Plan	Floor Rear	Tiptree	Checked By B/I	TDH	ARCHITECTURE
Е				Extensions	Essex	Checked By Client	~	ARCHITECTORE
F					LSSEX	Date		enquiries@sxarchitecture.co.uk
G							wing Number	THIS DRAWING IS THE COPYRIGHT OF SX-ARCHITECTURE AND MUST NOT BE COPIED OR REPRODUCED, IN WHOLE OR IN PART, BY ANY METHOD WHATSOEVER, WITHOUT THE PRIOR
						_	NOOKI IIISO I	WRITTEN APPROVAL OF SX-ARCHITECTURE.

Notes:

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.

TREES:

Close Proximety of tree foundations to be 2.1m at nearest point stepping up in equal steps to minimum 1.3m. Claymaster required to inner faces of foundation and suspended floor where required.

ROOF VALLEY TO BE LEAD LINED WITH LAP JOINTS TO 150MM. ROOF RAFTERS 47 X 195 C24 @ 400MM C/Cs. ROOF TILES TO MATCH EXISTING LAID ON 38X25 ROOF TREATED BATTERNS. CEILING JOISTS SET UP AT 400mm C's 47 x 195mm C24 \$ 47 X 145 C24 BINDERS @ I 200 C/Cs. CAVITY INSULATION 150MM BETWEEN JOISTS WITH 200MM OVER. EAVES CAVITY INSULATION. BREATHABLE SARKING FELT, TYVEK, SUPRA PLUS OR EQUIVALENT. CROSS VENTILATION WITH EAVES VENTILATION STRIP WITH 25MM CONTINUOUS GAP AT EAVES LEVEL WITH INSERT GRILL AND 50MM AIR GAP BETWEEN FELT AND INSULATION. et coat plaster 9 TIMBER FLOOR/CEILING JOISTS SET UP AT 400mm C's 47mm x 223mm C24 WITH BINDERS @ 1200mm C/Cs T#G CHIPBOARD 18/22mm GLUED AND SCREWED TO JOIST DOUBLE TRIMMER JOISTS BELOW PARTITON WALLS (WHERE INDICATED TO ENGINEERS DETAIL). Timber wall plate fixed at 460mm Cs 200 INSULATION BETWEEN FLOOR JOISTS. joist hangers to accept 47 X 170 C24 @ 450 Cs floor joists. WEEP HOLES TO BE PROVIDED AT MAX I.OM CENTRES. BLOCK # RENDER FINISH 100mm FULLY INSULATED CAVITY WITH THERMAL BLOCK INNER LEAF. GROUND FLOOR 75mm SCREED LAID OVER 500g VCL 75mm INSULATION JOINT & TAPED OVER LOOMM GROUND BEARING SLAB ON I 200G MEMBRANE LAPPED AT EDGES WITH DPC, SAND BLINDING ON 150MM WELL GRADED COMPACTED HARDCORE PERIMETER INSULATION. DPM ABOVE CONCRETE. CAVITY FILL. G.L. Foundation design and depths to match existing, final foundation depths to be agreed on site with local authority Building Inspector.

Section A-A: 1:50 @ A3

	REV	DATE	REVISIONS	Durantia a Titla	December	Desiret Address	INF	DETAILS	CONTRACTOR	
	Α			Drawing Title	Description	Project Address				
	В						Scale	1:100@A3	CV	
	С			Section	Extension to		Drawn By	TDH	5X 1 ¬	
ľ	D			Plan	Existing Garden		Checked By B/I	TDH	ARCHITECTURE	
ľ	E				Outbuilding for use	Tiptree	Checked By Client	~	ARGIIIEGIORE	
	F				as Annexe	1100	Date		enquiries@sxarchitecture.co.uk	
	G							ving Number SectPln01	THIS DRAWING IS THE COPYRIGHT OF SX-ARCHITECTURE AND MUST NOT BE COPIED OR REPRODUCED, IN WHOLE OR IN PART, BY ANY METHOD WHATSOEVER, WITHOUT THE PRIOR	
							GectFIII01		WRITTEN APPROVAL OF SX-ARCHITECTURE.	

Notes:

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SURFACE WATER:

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LINTELS:

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

TREES:

Close Proximety of tree foundations to be 2.1m at nearest point stepping up in equal steps to minimum 1.3m. Claymaster required to inner faces of foundation and suspended floor where required.

Timber floor joists set up at 400mm C's 47x195mm C24, T&G chipboard 18/22mm glued and screwed to joists. Windows/Doors to match existing style. Facing Brickwork/Thermal Blockwork finish to match existing. 350mm Lead Flashing overlapped 150mm on to the roof with

I 50mm return up to the wall inserted in to brick line 20mm.
80mm Celotex or equivalent between rafters Cavity Insulation with
50mm insulation over underside of rafters with 50mm air gap.
Roof tiles Marley Ludlow Major I 00mm headlap set on 38x25 roof
treated batons. not exceeding 450mm Centres
Breathable sarking felt e.g. Tyvek Supra Plus or Equivalent.
Cross ventilation with eaves ventilation strip with a 25mm continuous gap

Cross ventilation with eaves ventilation strip with a 25mm continuous gap at eaves level with insert grill and 50mm air gap between felt and insulation.

Treated 47 x I 50 C24 Joists set at 400mm C's Birdmouthed over I 00mm x 50mm wall plate fixed to blockwork at max I .8m centres with I 000mm x 30mm x 5mm galvinised straps.

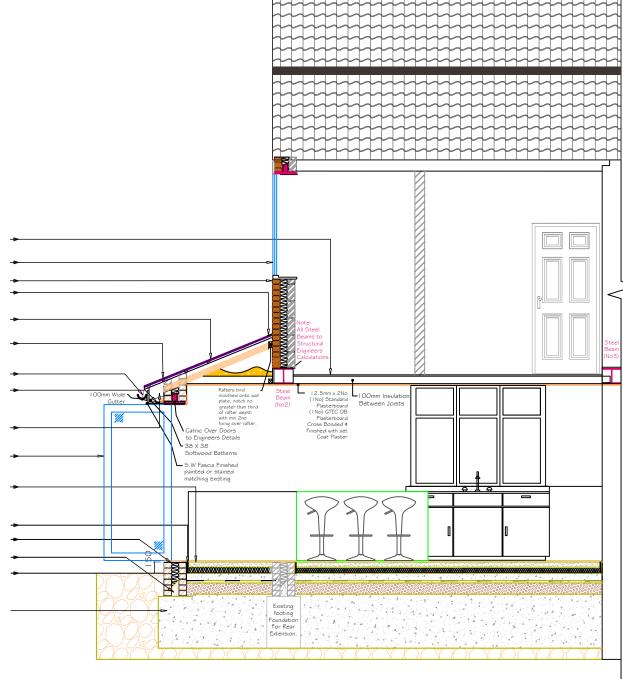
Windows/Doors to match existing style.

75mm sand / cement screed reinforced with 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.

Perimeter Insulation.

DPM Above Concrte

Foundation design and depths to match existing, final foundation depths mon I m below ground level to be agreed on site with local authority building inspector.



Section B-B: 1:50 @ A3

REV	DATE	REVISIONS	D	December	Dualant Address	INF	DETAILS	CONTRACTOR
Α			Drawing Title	Description	Project Address			
В						Scale	1:100@A3	CV
С			Section			Drawn By	TDH	
D			Plan			Checked By B/I	TDH	ARCHITECTURE
E					Tiptree	Checked By Client	~	
F					Essex	Date		enquiries@sxarchitecture.co.uk
G					LSSCA		wing Number SectPln01	THIS DRAWING IS THE COPYRIGHT OF SK-ARCHITECTURE AND MUST NOT BE COPIED OR REPRODUCED, IN WHOLE OR IN PART, BY ANY METHOD WHATSOEVER, WITHOUT THE PRIOR WRITTEN APPROVAL OF SK-ARCHITECTURE.