

Notes
All details are indicative only. All dimensions to be checked on site by contractor prior to commencement of works. Any discrepancies in drawings to be reported to SYR CONSULTANTS.

A	Existing to proposed	04/06/20	RS
Rev.	Amendments	Date	Drw.

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CLIENT:

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PROJECT:

Loft and Garage Conversion

DRAWING TITLE:

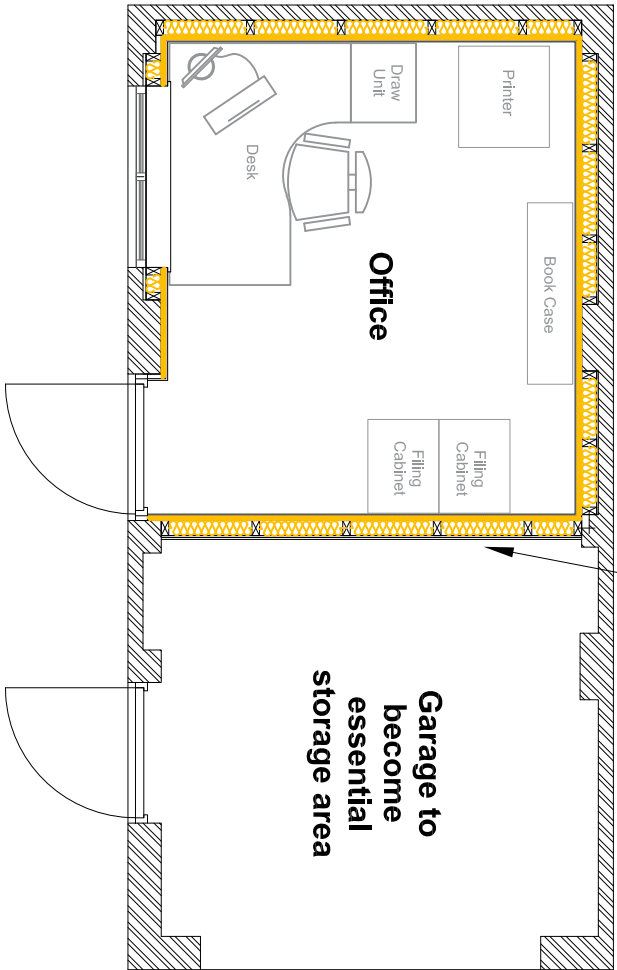
Proposed Plan, Elevations
and Section of Garage

DRAWN:	JOB NO:	SCALE:
RCS	2020/04/01	As Shown @A3
CHECKED:	DRAWING NO:	REV:
SJS		
DATE:	PR/02 A	
May 20		

ISSUE: Building Regulations

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Two layers of 12.5mm plasterboard mechanically fixed with taped joints or other material agreed with Building Control to provide $\frac{1}{2}$ hr. fire resistance between existing garage and new office. Note fire measure to be taken up to underside of tiles on pitched roof by way of 50mm thick "Rockwool Fire Pro" fire barrier or other agreed by Building Control



- 100x50mm Internal timber stud walls to be set between internal pillars and to be formed as below to achieve a minimum "U" Value of 0.28W/m²K to all external walls. Studs to have 600mm spacing. Actual "U" Value for below = 0.22W/m²K
- 12.5mm plasterboard skim coated
 - 30mm "Celotex" or similar rigid insulation
 - 100x50mm timber frame with 70mm "Celotex" or similar rigid insulation set in between timbers with a breathable membrane such as "Klober Tyvek" or similar agreed with Building Control
 - Air gap
 - 100mm external brickwork leaf

New 100mm "Celotex" or similar rigid insulation set between Truss ceiling joists with 30mm insulation below over-boarded with plasterboard and skim finish to achieve a minimum "U" Value of 0.18W/m²K. Actual "U" Value = 0.16W/m²K

Existing Roof Truss ceiling joists
120x35 @600cc

Existing Roof Trusses
70x35 @600cc

C11 "Catnic" lintol or similar approved by Building Control over new window and door opening of 150mm

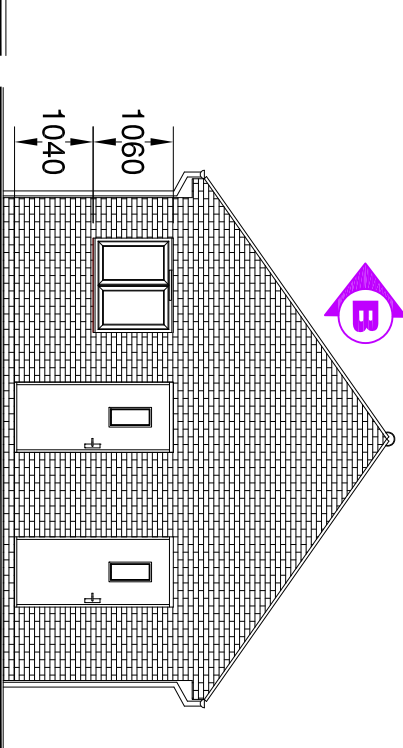
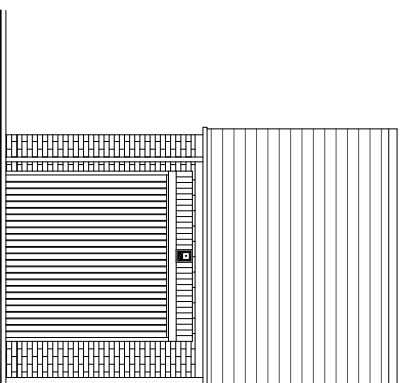
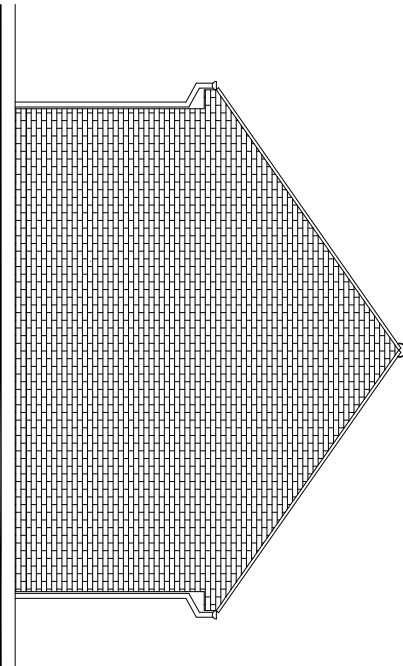
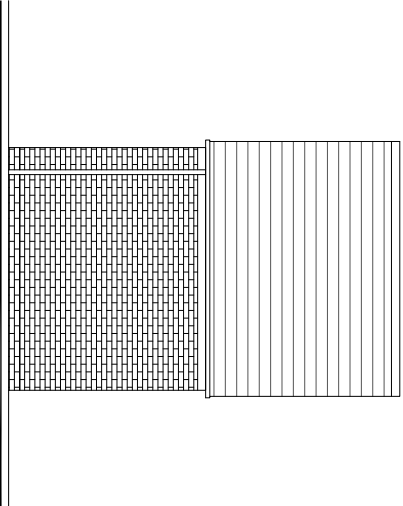
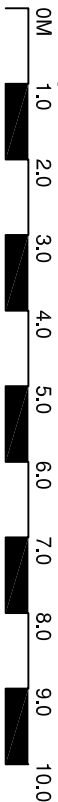
New white UPVC window to match main property and achieve a minimum "U" Value of 1.8W/m²K

New floating floor with 22mm moisture resistant chipboard over 500g slip membrane over 100mm "Celotex" insulation or similar bed on 50mm sand blinding to remove any discrepancy in the floor to achieve a minimum "U" Value of 0.25W/m²K. Actual "U" Value = 0.17W/m²K

Existing concrete floor to receive x 2 full coats of "Synthapru" to be taken up inside face of single skin brickwork by 1.2m to form an impervious damp proof membrane

Assumed garage floor construction with trench fill foundations, solid floor and single skin brickwork walls with intermediate pillars.

Proposed Section B-B at 1:50 Scale



Proposed North Elevation

Proposed East Elevation

Proposed South Elevation

Proposed West Elevation

Proposed Elevations at 1:100 Scale

