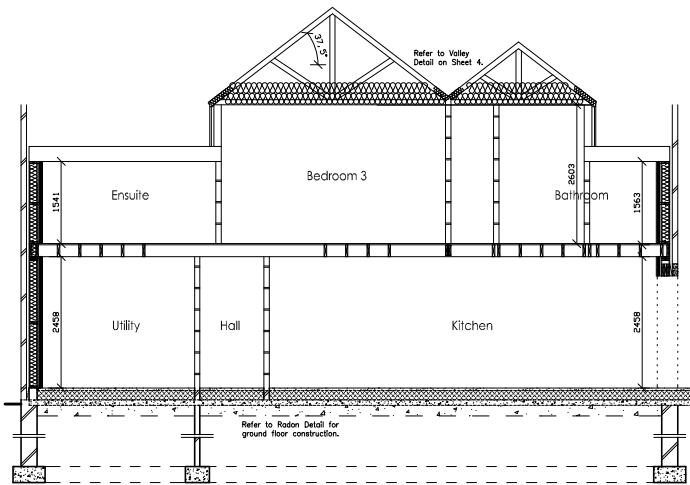
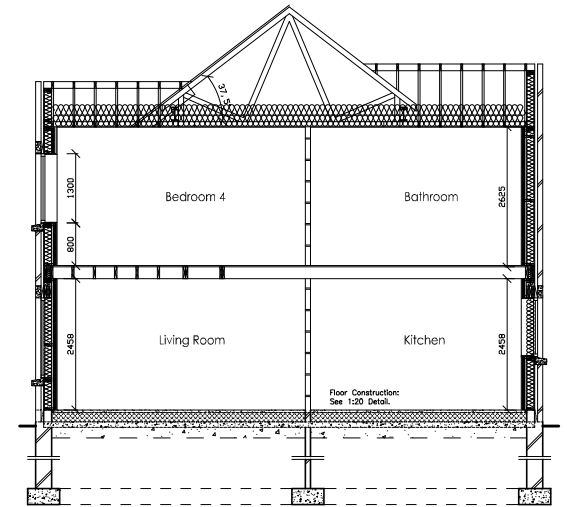


SECTION A-A

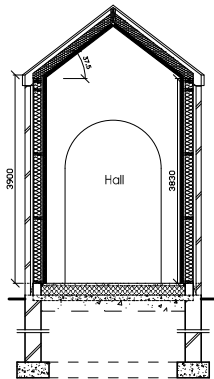


SECTION B-B



SECTION C-C

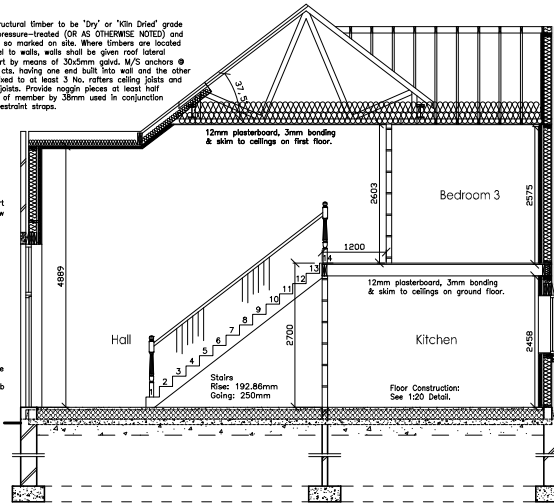
NOTE:
For Insulation, Ventilation etc and all general structural construction, refer to 1/10 scale details on Sheet 4.



SECTION D-D

Stratheim Close-R (FR) cavity closer by Dacote (50mm x cavity width) providing a minimum 30 mins. fire integrity, comprising a PVC-U outer profile with encapsulated insulation installed in accordance with manufacturer's recommendations. (BSA Cert 98/3474). Applies around all door & window openings - see BCI Tech Bk. E, Table 4.6 Item 10, Dns. 4.5, and paras. 4.38 & 4.39 for details.

Keystone steel lintels to suit location. Stair & landing balustrades to be capable of resisting a horiz. force of 0.36kN/m at 900mm high. Min. width of stair to be 800mm measured clear of handrails. Staircase to be of light oak construction. Provide handrail 300mm above line of nosings & terminated in a metal post or volute. Balustrade to be 900mm high & to be formed so as to not permit the passage through it of a 100mm sphere & to be designed so that a child cannot easily climb up it.

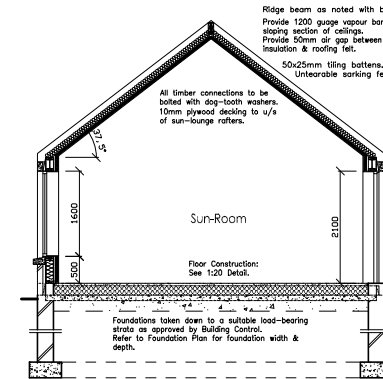


SECTION E-E

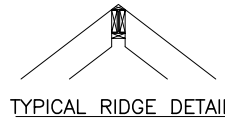
Denotes timber frame stud wall - See T/F manufacturers drawings & specification for full details.

TRUSSED ROOF CONSTRUCTION.

Truss rafters of 400mm cts. designed, manufactured and braced to BS 5288: Pt 3: 2006 by approved manufacturer. No truss to be cut or altered on site. 100x25mm longitudinal and diagonal bracing lap-jointed as necessary. 100x25mm chevron bracing to web of truss where span exceeds 8.0m. All bracing in accordance with BS 5288: Pt 3: 2006. Lintel timber to be 50mm deeper than truss member when trimming around chimney breasts & access hatches. Purflin & prop of chimney breasts & access hatches to be in accordance with truss manufacturers recommendations. Truss manufacturers calculations to be forwarded to Building Control 3 weeks prior to arrival on site. Heavy duty truss shoes providing 100mm min. bearing to be used to connect standard trusses to girders. All plasterboard to be primed with Thistlebond-II prior to bonding & skim coat. SHEATHING/MEMBRANE AT STUBBED TRUSSES (where applicable): S/S upright to stub trusses - outer face (cavity side) to be sheathed with 12.5mm roofing plywood and breather paper to prevent ingress of moisture. Relief concrete lintels to BS 4483 as per schedule with stepped DPC between. Stainless steel TF wall ties to BS EN845-1: 2003 with polythene clips at 900mm horizontally & 450mm vertically & 220mm vertically at all reveals. Pre-cast concrete sills, with DPC under, turned up back & sides. Wall DPC to be min. 150mm above ground level. Foundations to be minimum 750mm below finished ground level with at least 450mm cover to top of foundation.



SECTION F-F



Ridge beam as noted with bolted on plaster. Provide 1200 gauge vapour barrier at sloping section of ceilings. Provide 50mm air gap between insulation & roofing felt. 50x25mm riling battens. Unbearable starting felt. All timber connections to be bolted with dog-tooth washers. 10mm plywood decking to 1/2 of sun-room rafters. Provide 500x215x100mm CSS reinf. concrete positions under all steel beams UND. NOTE: This drawing to be read in conjunction with Structural Engineer's Report & sketches. Any discrepancy to be reported prior to fabrication or installation. All window & door lintels to be 215mm deep contractor designed Type 2 pre-stressed lintel by Tuttytek Precast Ltd. unless otherwise noted.

NOTE: Building performance certificate to be forwarded to Building Control on completion. NOTE: 2012 BUILDING REGULATIONS APPLY TO THIS DRAWING.

-IMPORTANT- THE BRAND NAMES SHOWN MUST BE USED IN ORDER TO ACHIEVE THE CORRECT SAP RATING. A FINAL SAP CALCULATION MUST BE PROVIDED TO BUILDING CONTROL WITHIN 5 DAYS OF COMPLETION FOR DWELLING AS CONSTRUCTED.

-IMPORTANT- IT IS YOUR RESPONSIBILITY TO ENSURE YOU ARE WORKING TO THE LATEST EDITION OF THIS DRAWING - IF IN DOUBT - ASK. DO NOT SCALE. CHECK ALL DIMENSIONS ON SITE.

<p>123 CROSSKEYS ROAD, ARMAGH, N.I., BT60 3LD E: info@belldesign.ie Tel: (028) 3753 2000 Mobile: 0773 236 1945</p>	<p>DRAWING: Sections. PROJECT: TWO DWELLINGS WITH DOMESTIC GARAGES - House Type 2. SITE: ADJACENT to & NW of 35 CLADY ROAD, ARMAGH. CLIENT: APPLE ORCHARD CONSTRUCTION. HOME ADDR: 8 CASTLEBLAINNEY ROAD, KEADY, ARMAGH, BT60 3QP.</p>	<p>REVISIONS</p> <table border="1"> <tr> <th>REV.</th> <th>BY:</th> <th>DATE:</th> <th>DETAILS:</th> </tr> <tr> <td>AO Group</td> <td>AHDB</td> <td>05.04.22.</td> <td>House type & site layout updated.</td> </tr> <tr> <td>AO Group</td> <td>AHDB</td> <td>19.05.22.</td> <td>Rear dormer revised.</td> </tr> <tr> <td>AO Group</td> <td>AHDB</td> <td>23.05.22.</td> <td>Floor layouts revised.</td> </tr> <tr> <td>AO Group</td> <td>AHDB</td> <td>23.06.22.</td> <td>Bedroom 3 door relocated.</td> </tr> <tr> <td>B. Con.</td> <td>AHDB</td> <td>30.01.24.</td> <td>General updates - refer to BR3.</td> </tr> <tr> <td>B. Con.</td> <td>AHDB</td> <td>28.02.24.</td> <td>General updates - refer to BR3-2.</td> </tr> </table>	REV.	BY:	DATE:	DETAILS:	AO Group	AHDB	05.04.22.	House type & site layout updated.	AO Group	AHDB	19.05.22.	Rear dormer revised.	AO Group	AHDB	23.05.22.	Floor layouts revised.	AO Group	AHDB	23.06.22.	Bedroom 3 door relocated.	B. Con.	AHDB	30.01.24.	General updates - refer to BR3.	B. Con.	AHDB	28.02.24.	General updates - refer to BR3-2.	<p>NOTES:</p>	<p>DRAWING ISSUE</p> <table border="1"> <tr> <td>X</td> <td>PLANNING</td> </tr> <tr> <td>X</td> <td>BLDG. CONTR'L</td> </tr> <tr> <td></td> <td>CONSTRUCTION</td> </tr> <tr> <td></td> <td>ELECTRICAL LEGEND</td> </tr> </table>	X	PLANNING	X	BLDG. CONTR'L		CONSTRUCTION		ELECTRICAL LEGEND	<p>PROVISIONAL COST SUMS</p> <table border="1"> <tr> <th>ITEM:</th> <th>P.C. SUM:</th> </tr> <tr> <td></td> <td></td> </tr> </table>	ITEM:	P.C. SUM:			<p>LINTEL SCHEDULE</p> <table border="1"> <tr> <th rowspan="2">MAX. CLEAR OPENING WIDTH</th> <th rowspan="2">DEPTH OF LINTEL</th> <th colspan="2">TOP REINFORCEMENT</th> <th colspan="2">BOTTOM REINFORCEMENT</th> </tr> <tr> <th>NO. OF BARS</th> <th>DIA.</th> <th>NO. OF BARS</th> <th>DIA.</th> </tr> <tr> <td>900mm</td> <td>150mm</td> <td>1</td> <td></td> <td>1</td> <td>10mm</td> </tr> <tr> <td>1200mm</td> <td>150mm</td> <td>2</td> <td></td> <td>2</td> <td>10mm</td> </tr> <tr> <td>1800mm</td> <td>150mm</td> <td>2</td> <td></td> <td>2</td> <td>12mm</td> </tr> <tr> <td>1800mm</td> <td>225mm</td> <td>2</td> <td></td> <td>2</td> <td>12mm</td> </tr> <tr> <td>2400mm</td> <td>225mm</td> <td>2</td> <td>10mm</td> <td>2</td> <td>16mm</td> </tr> <tr> <td>3000mm</td> <td>225mm</td> <td>1</td> <td>16mm</td> <td>2</td> <td>20mm</td> </tr> <tr> <td>3300mm</td> <td>225mm</td> <td>2</td> <td>20mm</td> <td>2</td> <td>20mm</td> </tr> </table>	MAX. CLEAR OPENING WIDTH	DEPTH OF LINTEL	TOP REINFORCEMENT		BOTTOM REINFORCEMENT		NO. OF BARS	DIA.	NO. OF BARS	DIA.	900mm	150mm	1		1	10mm	1200mm	150mm	2		2	10mm	1800mm	150mm	2		2	12mm	1800mm	225mm	2		2	12mm	2400mm	225mm	2	10mm	2	16mm	3000mm	225mm	1	16mm	2	20mm	3300mm	225mm	2	20mm	2	20mm
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