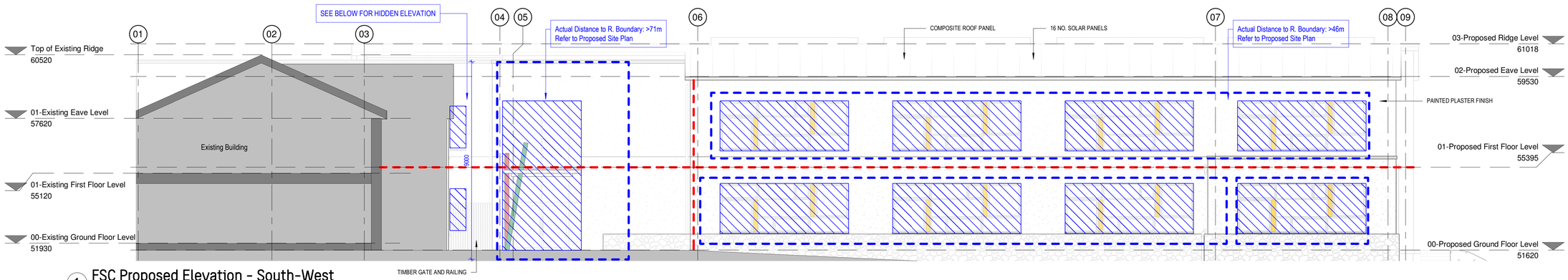
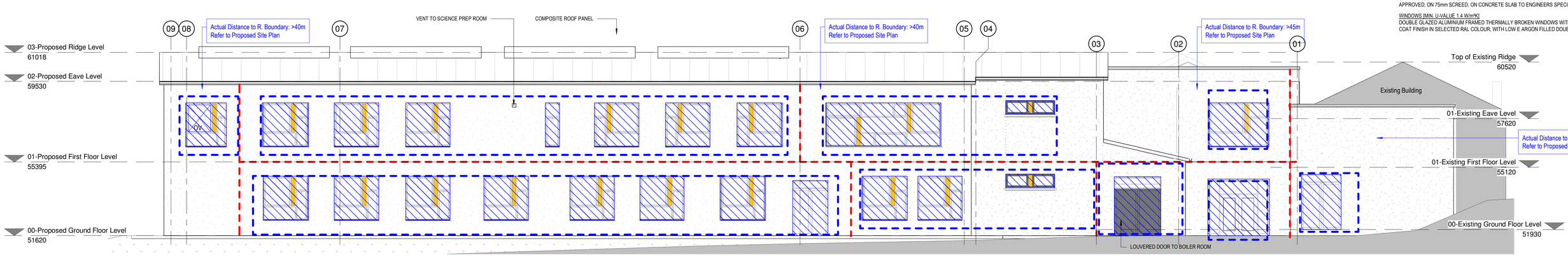
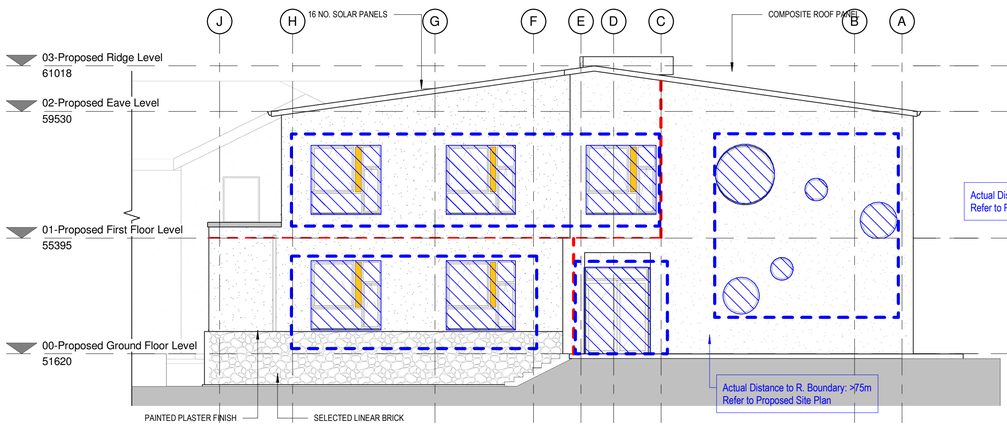
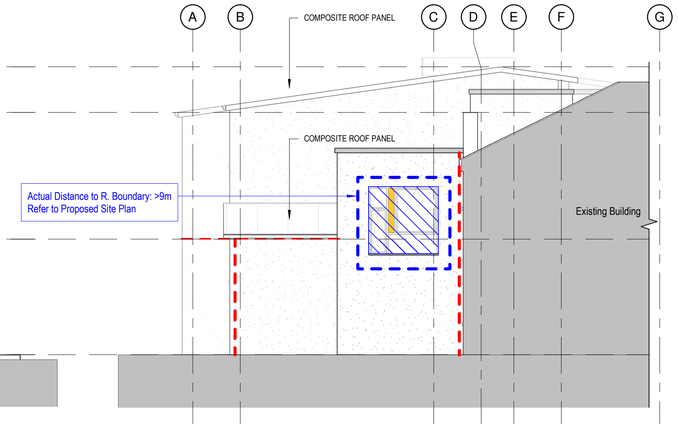


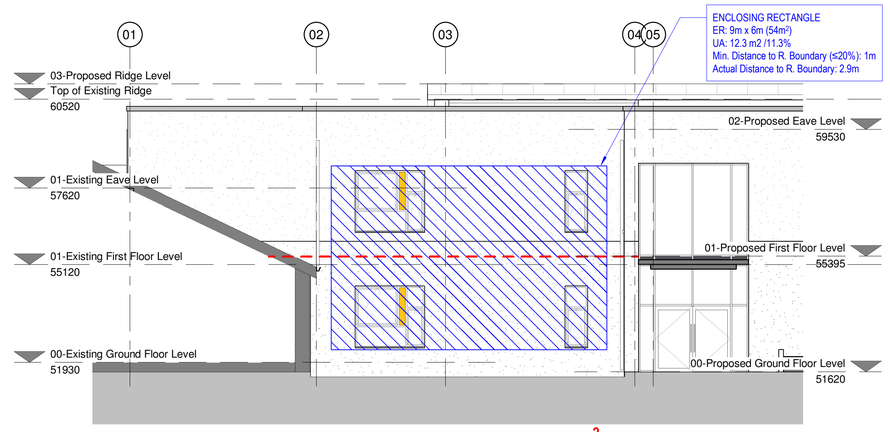
1 FSC Proposed Elevation - South-West
1:100



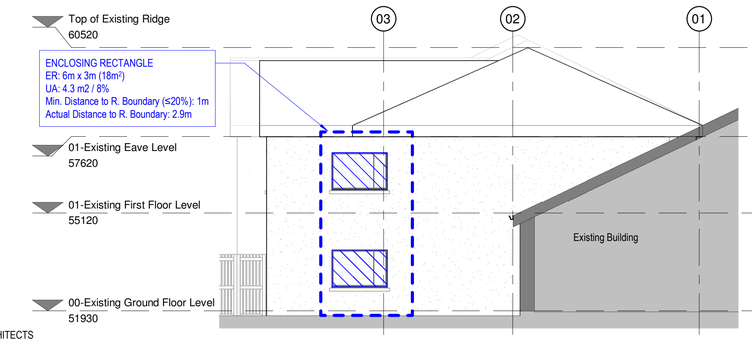
2 FSC Proposed Elevation - North-East
1:100



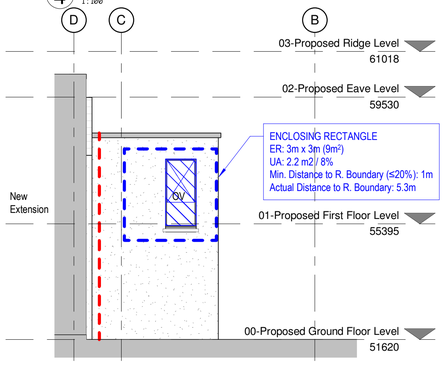




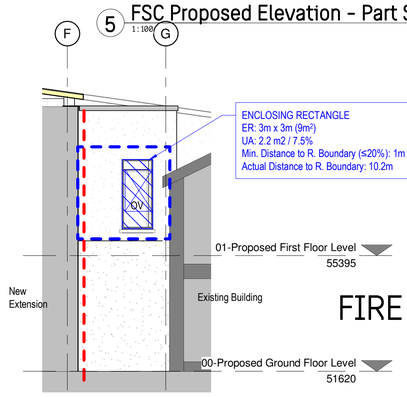
3 FSC Proposed Elevation - South-East
1:100

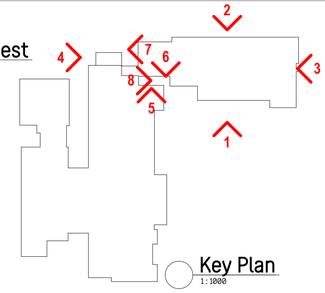


4 FSC Proposed Elevation - North-West
1:100



5 FSC Proposed Elevation - Part South-West
1:100





LEGEND - ELEVATIONS & SECTIONS

- COMPARTMENT WALL / FLOOR
- CAVITY BARRIER
- ENCLOSING RECTANGLE
- UNPROTECTED AREA
- OV — 1 m² O.V. AT TOP OF STAIRS / VOID.

NOTE FOR ELEVATIONS WHERE BOUNDARIES WELL EXCEED THE MINIMUM REQUIRED DISTANCES, ENCLOSING RECTANGLE & UNPROTECTED AREA CALCULATIONS HAVE NOT BEEN SHOWN

BUILDING FABRIC NOTES

EXTERNAL WALL TYPE 1 - CAVITY WALL WITH RENDER FINISH [MIN. U-VALUE 0.20 W/m²K]
20mm 3-COAT SAND CEMENT RENDER WITH NAPP FINISH PAINTED TO SELECTED COLOUR
100mm CONCRETE BLOCK EXTERNAL LEAF TO ENGINEERS SPECIFICATION
50mm AIR CAVITY [OVERALL CAVITY WIDTH 130mm]
80mm KINGSPAN KOOLTHERM K8 INSULATION OR OTHER EQUAL APPROVED
215mm FAIR-FACED CONCRETE BLOCK INTERNAL LEAF TO ENGINEERS SPECIFICATION AND DETAIL, PAINTED TO SELECTED COLOUR

EXTERNAL WALL TYPE 2 - CAVITY WALL WITH BRICK FINISH [MIN. U-VALUE 0.20 W/m²K]
102.5mm SELECTED BRICK EXTERNAL LEAF
50mm AIR CAVITY [OVERALL CAVITY WIDTH 130mm]
80mm KINGSPAN KOOLTHERM K8 PARTIAL FILL CAVITY WALL INSULATION OR OTHER EQUAL APPROVED, 215mm CONCRETE BLOCK INTERNAL LEAF TO ENGINEERS SPECIFICATION, INTERNAL FACE PAINTED TO SELECTED COLOUR

EXTERNAL WALL TYPE 3 - CAVITY WALL WITH COMPOSITE PANEL [MIN. U-VALUE 0.16 W/m²K]
100mm KINGSPAN MICRORIB COMPOSITE INSULATED PANEL OR OTHER EQUAL APPROVED, TO SELECTED RAL COLOUR ON, GALVANISED TOP HAT RAIL SYSTEM TO ENGINEER'S DETAILS, [100mm AIR CAVITY] FIXED TO, 215mm FAIR-FACED CONCRETE SOLID BLOCK INTERNAL LEAF TO ENGINEERS SPECIFICATION AND DETAIL, PAINTED TO SELECTED COLOUR

GROUND FLOOR TYPE 1 - GROUND BEARING RC SLAB [MIN. U-VALUE 0.14 W/m²K]
SELECTED FLOOR FINISH ON 150mm GROUND BEARING RC SLAB POWER FLOAT FINISH TO ENGINEERS SPECIFICATION AND DETAIL ON 100mm KINGSPAN KOOLTHERM K3 FLOORBOARD INSULATION OR OTHER EQUAL APPROVED ON NECOFLEX MONARFLEXTM RMB 350 RADON BARRIER MEMBRANE OR OTHER EQUAL APPROVED ON 50mm SAND BLINDING TO ENGINEERS SPECIFICATION

PITCHED ROOF [MIN. U-VALUE 0.15 W/m²K]
KINGSPAN QUADCORE TRAPEZOIDAL KS1000 RW ROOF PANEL, CORE THICKNESS 137mm, OVERALL THICKNESS 168mm, OR OTHER EQUAL APPROVED.

FLAT ROOF [MIN. U-VALUE 0.14 W/m²K]
SIKA SARNAFIL FULLY ADHERED ROOF MEMBRANE OR OTHER EQUAL APPROVED, ON KINGSPAN THERMATAPER TT47 EMLPC TAPERED ROOF INSULATION @ 1:60 FALLS (DEPTH VARIES) OR OTHER EQUAL APPROVED, ON SIKA SARNAVAP AIR VAPOUR CONTROL LAYER OR OTHER EQUAL APPROVED, ON 75mm SCREED, ON CONCRETE SLAB TO ENGINEERS SPECIFICATION AND DETAIL

WINDOWS [MIN. U-VALUE 1.4 W/m²K]
DOUBLE GLAZED ALUMINIUM FRAMED THERMALLY BROKEN WINDOWS WITH POLYESTER POWDER COAT FINISH IN SELECTED RAL COLOUR, WITH LOW E ARGON FILLED DOUBLE GLAZED UNITS

REV	DATE	DESCRIPTION	BY

NOTES:

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FOR FIRE SAFETY CERT. DRAWING PURPOSES ONLY
USE FIGURED DIMENSIONS ONLY

6 FSC Existing Elevation - Part North-East
1:100

7 FSC Proposed Elevation - Part South-East
1:100

8 FSC Proposed Elevation - Part North-West
1:100

FIRE SAFETY CERT. DRAWING/20-36/FSC-2201

CLIENT: BOM Carrick-on-Shannon Community School
PROJECT: Carrick on Shannon
DRAWING: FSC Elevations
SCALE: As indicated @ A1 **DATE:** 09/15/22 **REV:**
DRAWING NO: 20-36/FSC-2201 **DWN BY:** Author

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