Continuous ridge ventilation

Marley Dry Verge system

New gutter connected into existing

25mm wide continuous eaves ventilation + insect mesh

12000 mm2 trickle vents to window heads

22.5 deg. pitch roof

Concrete roof tiles

PVC fascia + soffit

Connect new gutters into existing + relocate downpipe

Double glazed Grey PVC window

Dry-dash external render

All windows + doors to be designed + installed to resist forced entry in accordance with recommendations for physical security in Section 2 of " Secured by Design " (ACPO, 2009)

Code 5 lead flashing to new roof / wall abutments.
Marley Deepflow PVC gutter + downpipe to match existing.
18mm thick PVC fascia with ventilated soffit + insect mesh.

PERFORMANCE SPECIFICATION :
Windows and doors shall be designed and fabricated by a specialist window manufacturer in accordance with BS 6262 : Part 4 : 2018. Glazing and its fixings to be designed to resist a wind loading of 0.80 kN/m.sq. established in accordance with BS 6399 part 2 for local grid reference. Glazing to all doors and windows with cills lower than 0.8m above ffl shall incorporate toughened /safety glass to BS 6206 and BS 6262 : Part 4 : 2018 to sustain lateral loads specified in BS 6399 part 1.

NOTES :

01 ***Double glazed uPVC frames.***
02 ***Colour ~ Anthracite grey + satin chrome handles.***
03 ***12000mm2 trickle vents in head rails.***
04 ***All low level glazing to be toughened / laminated safety glass.***
All glazing to comply with BS 6262: Part 4: 2005
Openable area of windows to be minimum $^{1}/_{30}$ th of floor area of room.
Natural daylight ~ windows to be minimum $^{1}/_{15}$th of floor area of room.
05 *Dimensions are finished external sizes.*
06 *Doors + windows to comply with " Secured by Design" ~ BS 7950 + BS PAS 24:2007.*
07 *Glazed door + window U-value ~ 1.4 W / m2K*

External Walls
15mm thick white wet-dash external render /100 mm thick concrete block outer leaf with perpend vents to provide equivalent of 1 perpend ventilator every 900mm in outer leaf to correspond with base and head of timber frame panels/ 50mm x 50mm treated timber + DPC cavity closers / 50mm wide cavity / Tyvek frameshield breather membrane / 12mm thick exterior grade plywood / 145mm x 45mm treated timber framing and studs at 400mm centres / 120mm thick rigid insulation between studs / 250 gauge polythene vapour barrier / 12.5mm thick plasterboard. DPC to all jambs, cills and heads. 'Catnic'/Bat' 30 mm x 3 mm galvanised mild steel holding down straps to all timber panel corners, 1200mm centres + each side of openings - minimum 1100 mm long fixed using 6 No. 75 mm x 3.75 mm dia. ring shank nails at 65 mm centres into timber frame stud. H.D. straps built into external leaf
Outer leaf tied to inner leaf using stainless steel chevron wall ties at 450mm centres vertically and 400mm centres horizontally - ties at 300mm centres around all openings.

Structural timber to be Grade C16 ~ Grade C24 as noted.

All timber to be preservative treated, cut ends site treated.

0 1 2 3 4 5
Scale

A R C H I T E C T *II X II* *0740 ~ 100 ~ 2052*	*Project:* *15 McCALLUM GARDENS ~ BELLSHILL* *Title:* *PROPOSED FRONT ELEVATION*	*Date:* *August 2021* *Scale:* *1:50* *Drg. No.:* *08 21 / 08*