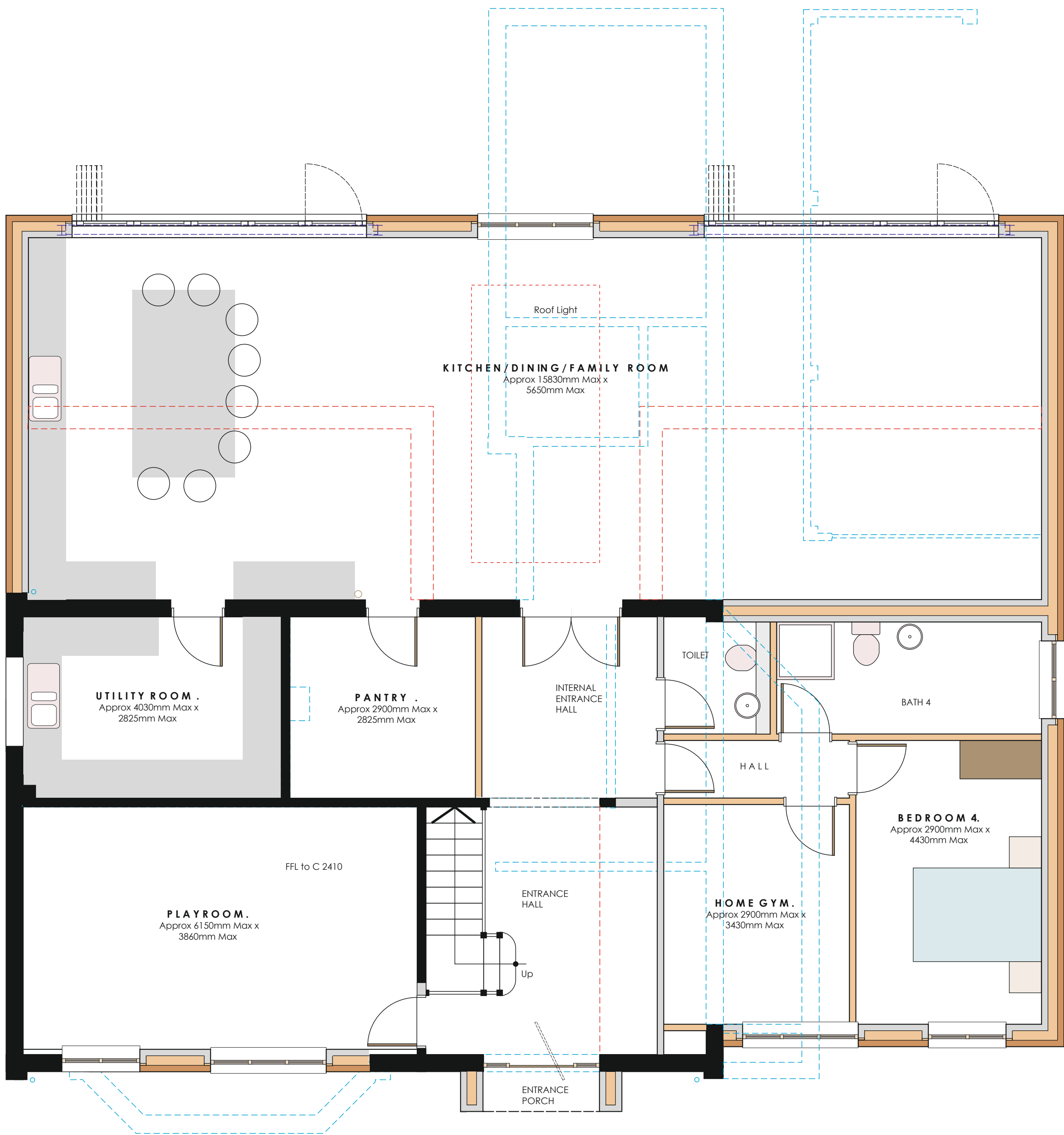




Ground Floor Plan-1:50 PROPOSED

LEGEND

- 350mm exterior thick cavity wall with full width insulation and black skins with silicone render exterior min U value 0.18 W/sqm K
- 300mm exterior thick cavity wall with full width insulation and external facing brick skin to match existing and block internal with silicone render exterior min U value 0.18 W/sqm K (Plinth courses)
- 100mm block partition
- 100mm timberstud internal partition with 38db sound reduction 30m FR
- Waste pipe positions
- Approx location of kitchen worktops
- Approx position of air sourced heat pump
- Mechanical vent duct positions (from cooker hood in kitchens)
- New beams with pad stones to match engineers' requirements and clad to afford 30mins fire resistance
- Mains wired smoke alarm
- Mains wired heat detector
- Rega Vent 250R Wall hung MVHR unit 600mm x 365mm with 125mm dia fresh air in (blue) and stale air (orange) ducts to roof vents
- Rega vent 125mm dia semi rigid ducts and insulated ducts supply to rooms with internal grilles
- Rega vent 125mm dia semi rigid ducts and insulated ducts extract from rooms with internal grilles
- Silicone render 12.5mm Knauf Aquaboard or similar on 25mmx 50mm fan timber battens at 600mm centres to provide ventilated void on Tyvek or similar breather membrane on 150mm x 50mm sw timber stud with 150mm Celotex XR4000 or similar insulation between studs and 25mm Celotex PL 4025 or similar insulation inside the studs bonded to 13mm plasterboard dry lined all to provide a U value of min 0.17 W/sqmt. Wall 230mm thick.
- 72mm wide posijoists
- 97mm wide posijoists



A. 3m first floor extension added RFW

REVISIONS	SCALE	DATE
SCALE	1:50	DATE
DATE	July 2026	

Proposed Ground Floor Plan - Host Dwelling

PROJECT
Proposed Extension - Host Dwelling
27 Willow Way
Meopham Kent DA13 0QS
for: Mr Brad Allen

WARD + ASSOCIATES
LIME TREE HOUSE PROSPECT ROAD
HYTHE KENT CT21 5NN

M: 07771 863940
E: roger@wardassociates.co.uk W: www.wardassociates.co.uk

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