



side elevation as proposed
scale 1:50 @ a1



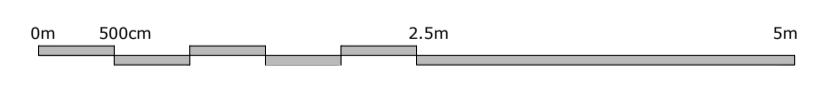
front elevation as proposed
scale 1:50 @ a1



side elevation to access road as proposed
scale 1:50 @ a1



rear elevation as proposed
scale 1:50 @ a1



NOTE:
All sizes to be taken and checked on site by the contractor prior to preparation of shop drawings or fabrication of parts.
This drawing should not be scaled. Any discrepancies to be brought to the immediate attention of the architectural designer.
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NOTES

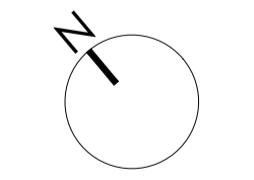
WALL CONSTRUCTION
Infill windows surrounds as shown in elevation with horizontal timber effect cladding (colour anthracite grey), on 100 x 50mm timber studs with 100mm Celotex X94000 insulation between, on Breather FR Foil Membrane by YBS insulation, on 9mm YBS plywood, on 50mm cavity, on 102mm engineering brick, on 1 layer G66 MU polythene vapour barrier, on 25mm Celotex PL4000 insulated plasterboard finish.
See U-value calculations for details.
Specified cladding wall construction to achieve U-value 0.14 W/m² K.
See U-value calculations for details.
Infill existing window openings as shown in elevation with 19mm render to match existing, on 150mm blockwork, on Breather FR Foil Membrane by YBS insulation, on 40mm Celotex CW4000 cavity insulation within 60mm cavity, on 102mm engineering brick, on 1 layer G66 MU polythene vapour barrier, on 25mm Celotex PL4000 insulated plasterboard finish.
See U-value calculations for details.
Specified masonry wall construction to achieve U-value 0.25 W/m² K.
See U-value calculations for details.
All external walls to be investigated on site for existing insulation and performance. Additional internal lining of 25mm - 65mm Celotex PL4000 insulated plasterboard finish added if required to achieve adequate U-value performance of min. 0.25 W/m² K.

NEW INTERNAL PARTITION
P1 - One layer of 12.5mm gyproc wallboard each side of 95 x 95mm timber studs at 600mm centres to provide 30 minutes fire resistance.
P2 - Two layers of 12.5mm wallboard to each side of 150 x 50mm timber studs with 150mm Celotex wall insulation between at 600mm centres to provide 60 minutes fire resistance.
Moisture resistant wallboard to all wet area side of partitions, i.e. en-suite, toilets, kitchen etc. Accessible bathroom wall to have robust construction with supports either side of studs and 18mm plywood to one side.
All internal walls to be lined with plasterboard and fully taped and finished ready for painting.
All partitions to be constructed in accordance with manufacturers written instructions and recommendations including junction details to avoid flanking, sealant and firestrips as indicated. Any alternative partition specification to be confirmed by the contractor as equal to the above and to meet with required fire resistance.

LINTELS
Lintels over all new windows/doors and internal openings to be 150 x 100mm reinforced masonry lintels with 150mm overhang either side of opening, as shown in elevations.

DRAINAGE
All existing drainage provisions to be checked for purpose and retained.
Contractor to investigate existing drainage system and complete design for connection of new foul drainage in accordance with BS EN 12056-1: 2000 and BS EN 12056-2: 2000 and wastewater drainage to be in accordance with BS EN 12056-2: 2000.
Below ground drainage and sewer system to be designed and installed in accordance with BS EN 752: 2008 and comply with all Local Authority Bylaws.
All new drainage to comprise of the following:
WC's - 110mm dia. drainage pipework
WHB's - 32/40mm dia. drainage pipework
Sinks - 32/40mm dia. drainage pipework
Anti-siphon traps to sinks, WHB's as necessary and air admittance valve at end of new drainage run.
All Sips to have roddable access / cleaning eye at all bends in main runs.
Stub stacks to be provided where necessary with air admittance valve above the highest water level of the appliances it serves.
All pipework to be concealed and installed to allow adequate access for testing / maintenance.
Fire collar to be installed where pipes pass through fire rated wall or floor to maintain fire integrity. Slow bends to be installed where required.

HEATING SYSTEM
Air source heat pump - Mitsubishi Ecodan Ultraquiet (or equivalent) with unit outside - feeding into boiler in laundry room. Underfloor heating throughout ground floor.
All setting out to be subject to detailed site survey by contractor prior to construction.



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Project	ALTERATIONS TO GROUND FLOOR SIAR ARD, DAVIES BRAE, MALLAIG, PH41 4QY	Scale	1:50@A1
Client	MR & MRS MCMINN	Date	20/11/20
Title	ELEVATIONS AS PROPOSED	Job No.	202008
		Dwg No.	BW02
Issue Purpose	CLIENT APPROVAL	Drawn	KH
		Rev.	A