

NOTES

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WALL TYPE KEY

EXTERNAL WALL -A
Insulated cavity wall at main extension; 15mm internal plaster finish, 200mm concrete block (2 leaves @100mm back to back with bed reinforcement), 150mm wide cavity, with 100mm phenolic foam insulation, 50mm clear gap cavity, 100mm concrete block outer leaf, 20mm lime based render.
Overall width 485mm. Allow for formation of concrete cast in wind posts, block forms permanent shutter with reinforcement to engineer's specification (marked wp on plan)

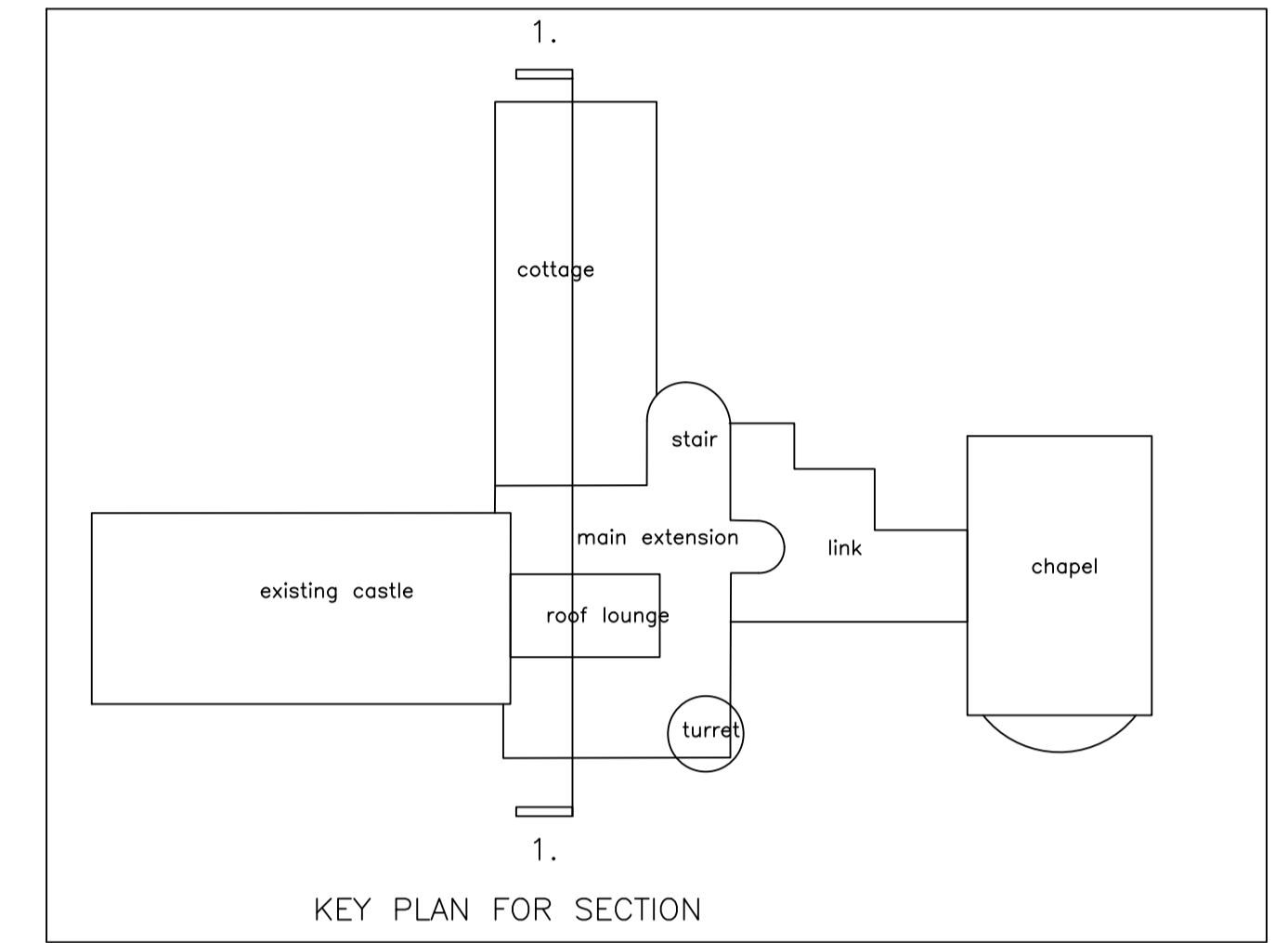
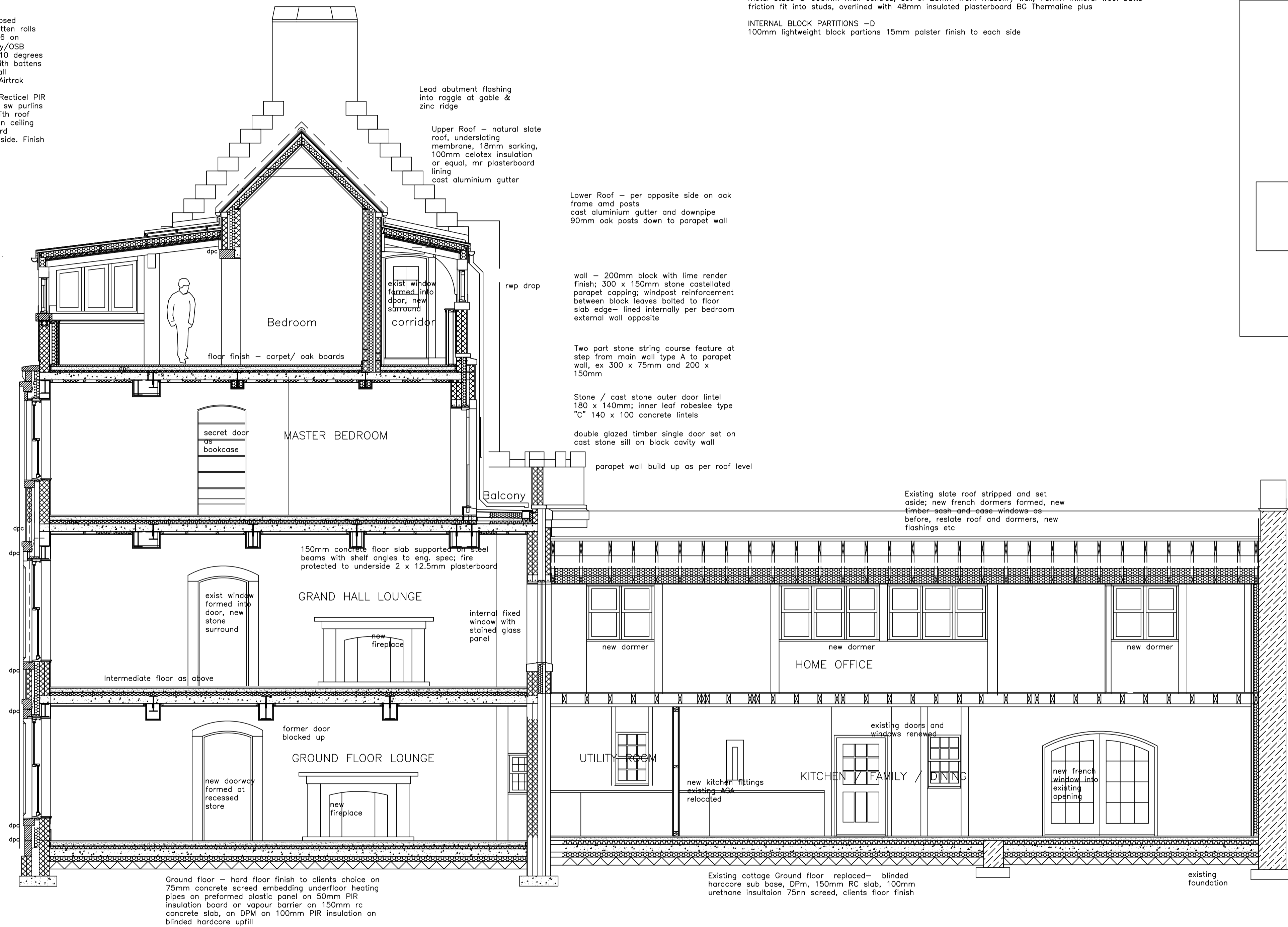
EXTERNAL WALL -B
Insulated cavity wall at lift shaft, ground floor single storey areas and base wall of chapel; 15mm internal plaster finish, 140mm concrete block, wide cavity, with 100mm phenolic foam insulation, 50mm clear gap cavity, 100mm concrete block outer leaf, 20mm lime based render.
Overall width 485mm.

INTERNAL WALL LINING -C
Insulated wall lining at existing cottage annexe; British Gypsum iWL Gypliner system 70mm I or C metal studs @ 600mm max centres, set of 25mm from masonry wall, 75mm mineral wool batts friction fit into studs, overlined with 48mm insulated plasterboard BG Thermanline plus

INTERNAL BLOCK PARTITIONS -D
100mm lightweight block partitions 15mm plaster finish to each side

Former balcony / walkway areas enclosed
Roof - lead sheet finish roof with batten rolls in code 7 lead per BS EN 12588:2006 on polyester textile underlay on 18mm ply/OSB sarking. Roof pitches 7 degrees and 10 degrees
Ventilated layer min 25mm created with battens under sarking vented at eaves and wall abutment via proprietary Nicholopn Airtrak fittings or equal.
Roof insulated over rafters- 100mm Recticel PIR insulation between 100 x 50 treated sw purfins on 12mm OSB intermediate sarking, with roof membrane over, 60mm Recticel PIR on ceiling side, with 12.5mm fireline plasterboard interlayer, Tyvek Airguard VB to warm side. Finish 150 x 12mm oak boards

Wall - internal leaf formed with 50mm cavity, 100 x 50mm timber studs at 600mm c/cs insulated with 100mm Recticel PIR insulation between studs, Tyvek airguard VB to warm side, and 63mm Thermanline insulated plasterboard over for plaster finish.



KEY PLAN FOR SECTION

SECTION 1-1 @1:50

4°37 West Architects

ST CLAIR 2 PARK AVENUE, PRESTWICK

Job EXTENSION & ALTERATION TO AIKET CASTLE

Client MR. A. GORDON

Title CROSS SECTION 1-1 AS PROPOSED

scale 1:100 drg.no rev date July 23 2403-PL-06