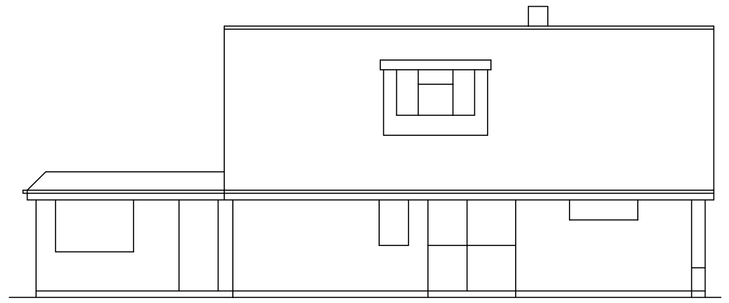
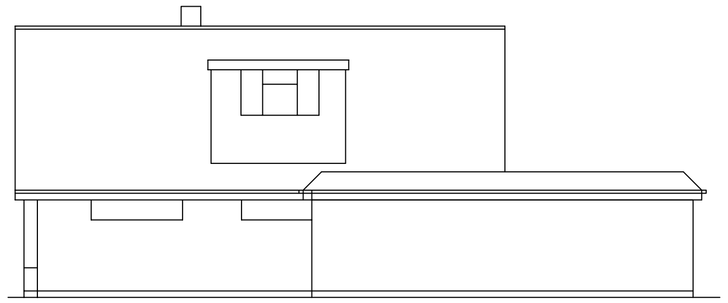


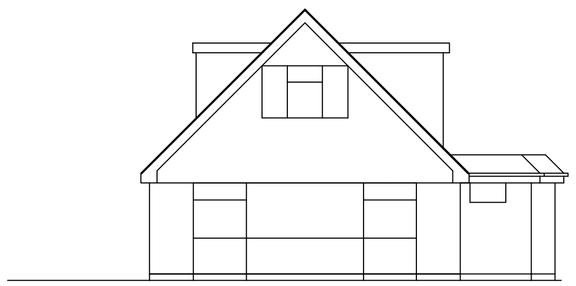
Existing Rear Elevation - South



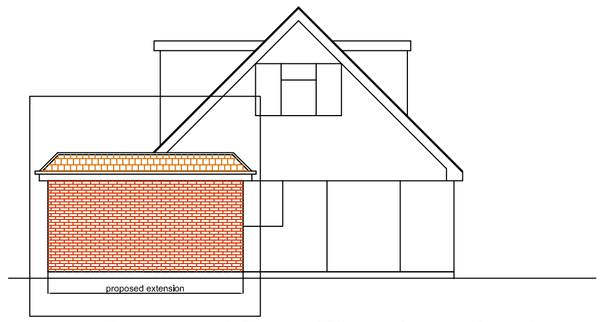
Existing Front Elevation - Nouth



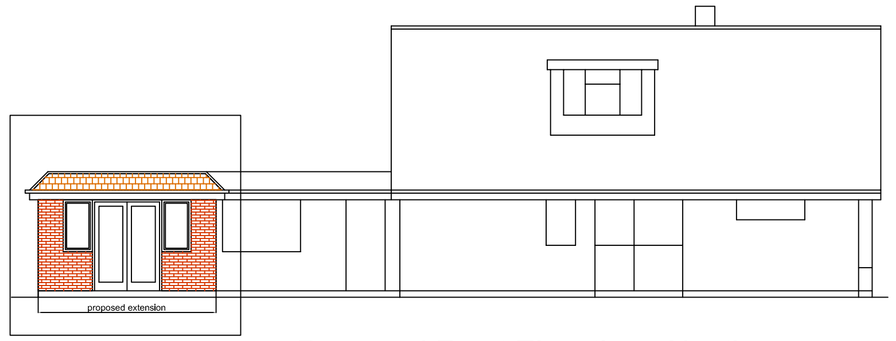
Existing Side Elevation - West



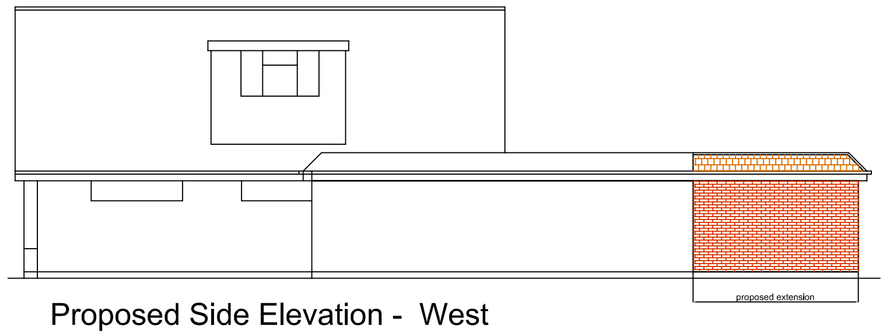
Existing Side Elevation - East
(unchanged)



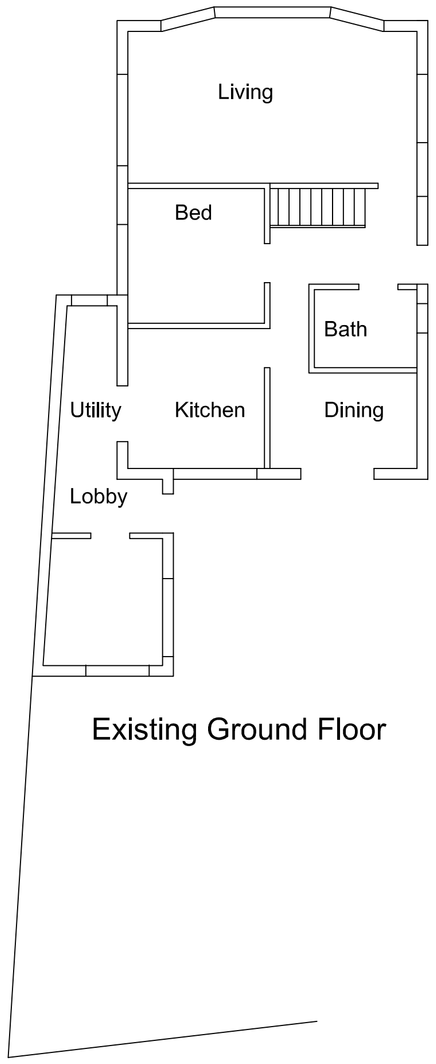
Proposed Rear Elevation - South



Proposed Front Elevation - Nouth



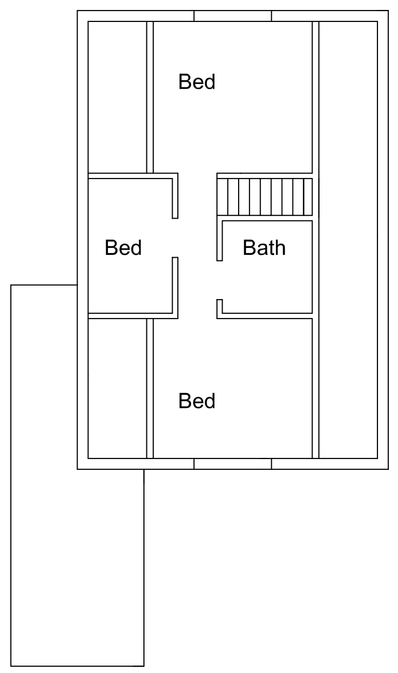
Proposed Side Elevation - West



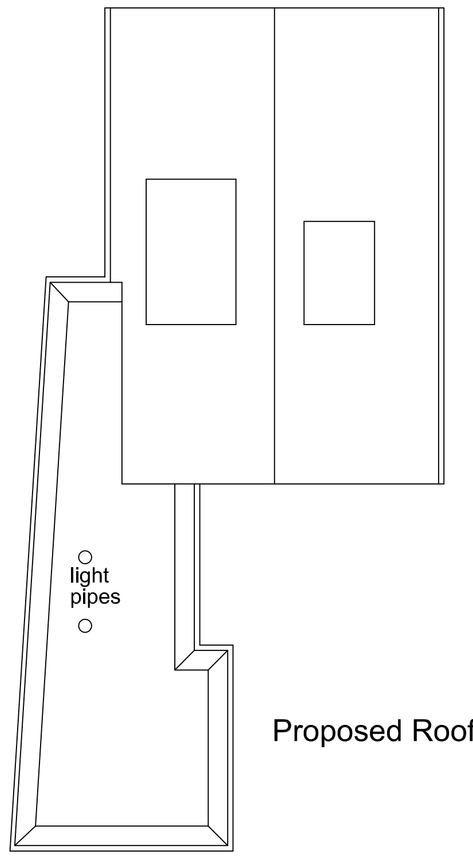
Existing Ground Floor



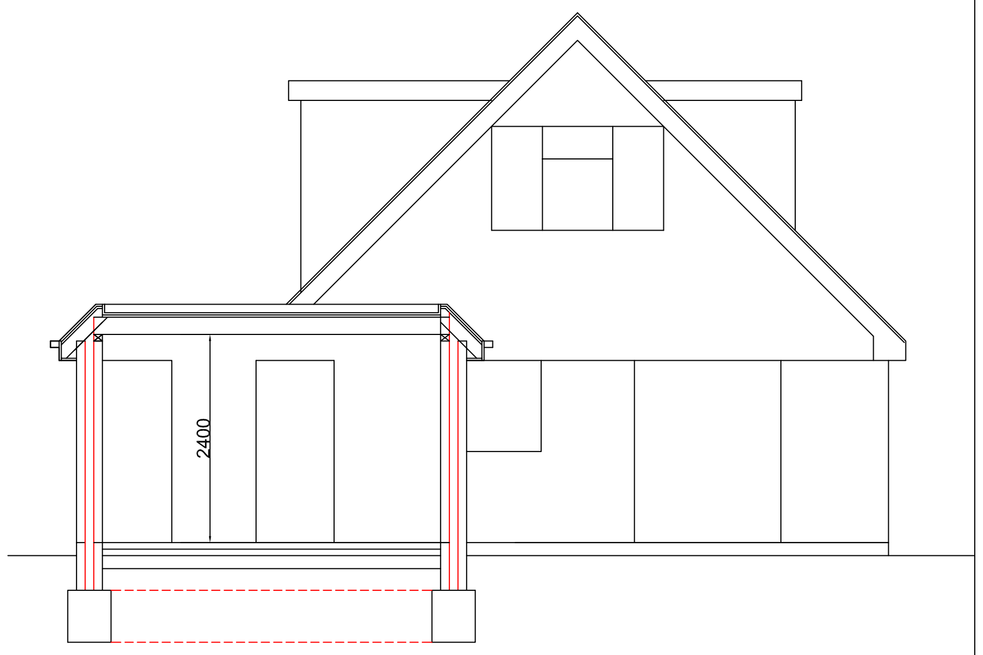
Proposed Ground Floor



Existing (unchanged) First Floor



Proposed Roof Plan



SECTION 1/50

CONSTRUCTION NOTES:

1.00 INTERNAL WALLS

1.01 100x50mm sw studwork @400mm c/s with 100x50mm sw head and sole plates, and blockings at mid height; faced both sides with 12.5mm foil backed plasterboard, taped jointed and plastered. 20mm WBP plywood reinforcing to fittings.
Acoustic insulation provided between new bathroom and bedroom.

2.00 WINDOWS

2.01 White upvc frames with 20mm double glazed sealed units.(Low 'E' glass) 'U' value = 1.6W/m2degC
2.02 14mm double glazed sealed units to external doors to achieve 'U' value of 1.8W/m2degC
2.03 Toughened safety glazing for all panes below 800mm above floor level, and glazed doors, any lights adjoining doorways.

3.00 DRAINAGE

3.01 Surface Water: to new 1m3 soakaway min. 5m from buildings.
Gutters: 112mm PVCu (half round) to 75mm upvc downpipes.
3.02 Foul Water: to existing FW sewer
110mm PVCU flexible jointed laid in 100mm bed of 10mm pea shingle.
Laid to minimum 1:60 falls.
Backfill lean-mix concrete under floor slabs.
3.03 Internal manholes to be screw down double seal.
3.04 Plumbing/Water:
Baths/showers/sinks: 38mm dia. PVCu wastes.
Basins: 32mm dia. PVCu wastes.
Toilets: 100mm dia. PVCu wastes. 19mm PVCu overflows.
SVP's: 100mm dia. with access plates and balloon cages.
3.05 Ant-vac system and rodding access points to SVP's and fittings.
3.06 SVP's to be wrapped in sound insulation quilt and firestopped between floors.

4.00 VENTILATION

4.01 Natural ventilation to all habitable rooms to be minimum 5% floor area
4.02 All windows to have free area ventilators of 8,000mm2 to habitable rooms and 4,000mm2 to bathrooms and toilets.
4.03 Bathrooms, cloakrooms and Utility to have Ventaxia or similar mechanical extract to provide 15 l/sec with minimum 10mm over run. Kitchens to have 2 speed extract to provide 30 + 60 l/sec.

5.00 FIRE/SMOKE ALARMS

5.01 Hard wired smoke detectors to be provided in hallway and landing and interlinked.

6.00 LIGHT FITTINGS

6.01 Low energy light fittings to be provided in kitchen and bathroom.

7.00 EXTENSION ROOF

7.01 Single ply roofing membrane on 25mm wbp plywood on firring to fall minimum 1 in 40, on 200x50 sw rafters @ 400mm c/s, 150mm Celotex FR5000 insulation between joists, plus 37.5mm Celotex PL4000 under rafter to provide 0.2w/m2degC 'U' value. 12.5mm plasterboard and skim ceiling.

7.02 Eaves to have 25mm continuous vent with rige vent tiles to roof @ 1.35m c/s

NOTE:
ALL NEW ELECTRICAL WORK TO BE DESIGNED, INSTALLED, INSPECTED AND TESTED IN ACCORDANCE WITH BS 7671(IEE WIRING REGULATIONS 17th edition) THE WORKS ARE TO BE UNDERTAKEN BY AN INSTALLER REGISTERED UNDER A SUITABLE ELECTRICAL SELF-CERTIFICATION SCHEME, ALTERNATIVELY A SUITABLY QUALIFIED PERSON TO SUPPLY A CERTIFICATE OF COMPLIANCE PRODUCED BY THAT PERSON TO BUILDING CONTROL UPON COMPLETION OF THE WORKS.

8.00 GROUND FLOOR

8.01 75mm sand cement screed on 85mm Celotex 4000FF insulation on DPM on 150mm oversite concrete to provide 0.2 W/m2degC 'U' value, all on 1200g Visqueen or similar DPM and 200mm hardcore.
DPC's min. 150mm above adjacent ground level.

9.00 FOUNDATIONS

9.01 450 x 600 deep strip foundations min. 1.0m depth to underside to LA approval.

10.00 HEATING & HOT WATER

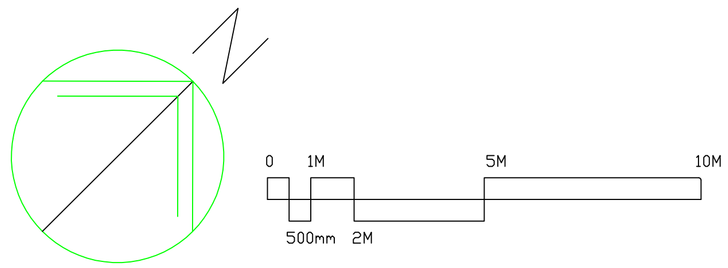
10.01 Existing gas fired boiler/heating system to be extended. Radiators to all new rooms to have TRV's.
10.02 Water supply to new bathrooms to be limited to 48 deg C

11.00 NEW EXTERNAL WALLS

11.01 100mm facing brickwork to match existing, 50mm cavity, 50mm DriTherm cavity slab (32 Ultimate insulation) to provide 0.2w/m2degC 'U' value, 100mm blockwork inner leaf, plasterboard and skim on dabs.

12.00 NEW SERVICES

12.01 New openings for services to be masked with rigid board and privided with concrete lintol over.



CONTRACTOR MUST CHECK ALL DIMENSIONS ON SITE ONLY FIGURED DIMENSIONS ARE TO BE TAKEN. THIS DRAWING IS NOT TO BE SCALED. DISCREPANCIES MUST BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING

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SCALE 1/100

DATE Aug. '13

AUTHOR PG

TITLE
Proposed Rear Extension
19, Goodwood Close
Waterlooville

DETAIL
General Arrangement

DRAWING No 13/40/P01

A	B	C	D	E	F	G	H
J	K	L	M	N	P	Q	R
S	T	U	V	W	X	Y	Z

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