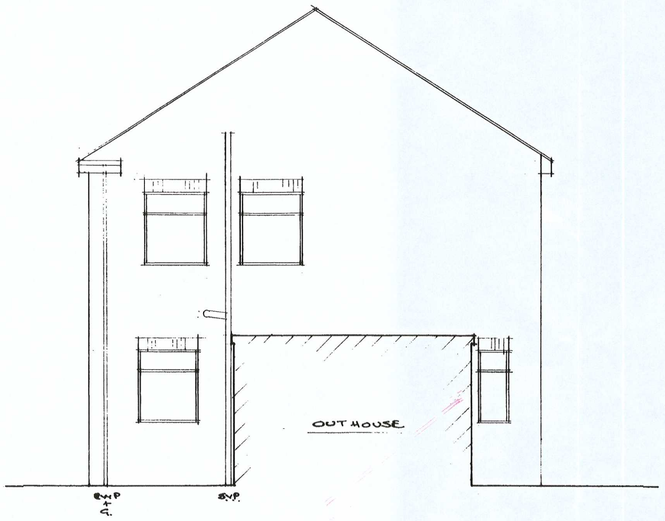
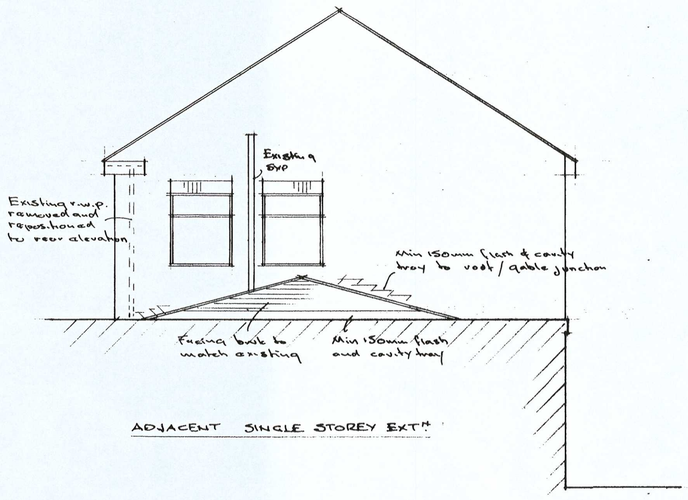
PROPOSED EXTENSIONS TO N° 16, CENTRAL AVENUE, WHITBURN.

SCALE 1:50 (DRAWING N° 2 OF 2). REVISION 'A' - SUN ROOM DELETED FROM SCHEME.

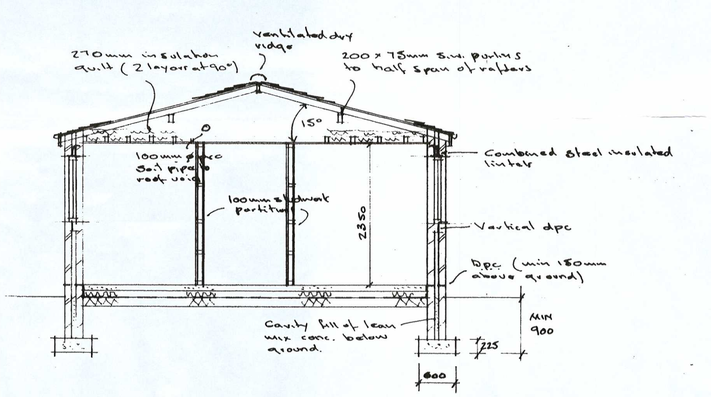


EXISTING SIDE ELEVATION.



ADJACENT SINGLE STOREY EXT^N

PROPOSED SIDE ELEVATION.

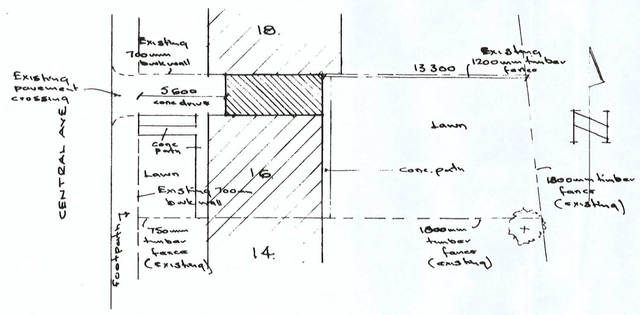


SECTION 'B-B.'

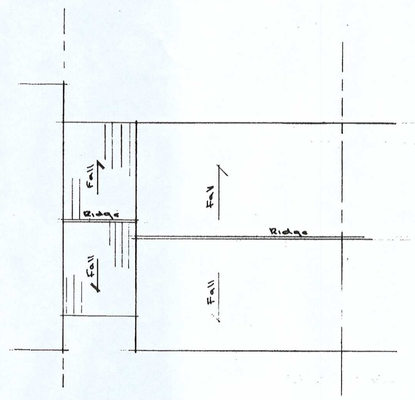
AMENDED PLAN

Received 13/12/18

S/109658/18/HOU



PROPOSED SITE PLAN (1:200)



ROOF PLAN (1:100)

16, CENTRAL AVENUE, WHITBURN, SR6 7LB.

- ELECTRICAL INSTALLATION

Extension/alteration of existing installation to be in accordance with Part P of the Approved Documents and works carried out by a person qualified to do so. New light fittings to be installed to a rate of 3 out of 4 fittings to be Energy Efficient types. Sockets/light switches to be minimum 450mm and maximum 1200mm above floor level.

- HEATING/HOT WATER SYSTEM

Alteration/extension of existing system to be in accordance with Part J of the Approved Documents and works carried out by a person qualified to do so. Radiators to be fitted with T.R.V's.

- DPC - '2000' grade pvc.
- FLASHINGS - Lead.
- GENERAL

Any work to boundary to be in accordance with the Party Wall Act 1996

Details and/or dimensions to be obtained from/checked on site by contractor prior to the commencement of any building works and/or fabrications.

SPECIFICATIONS.

- FOUNDATIONS.

600 x 225mm deep concrete strip foundations to CP8004. Foundations taken below invert of any existing drainage as minimum.
Foundations to be offset at boundary and not to project over boundary.
No trees present to affect foundations.

- EXTERNAL WALLS.

Cavity construction consisting of outer leaf of 102mm Facing brickwork to match existing, 100mm cavity filled with 100mm 'Rockwool' cavity insulation and inner leaf of 100mm Thermalite SUPERLO 2000 blockwork and plaster finish (U value 0.28 w/m²k).
cavity brickwork to have Stainless steel wall ties at 450mm ctrs vertically and 750mm ctrs horizontally.
Door and window openings to have horizontal and vertical dpc. and insulated cavity closers.

- INTERNAL WALLS.

100 x 50mm s.w. studwork (verticals at 400mm ctrs and noggings at 600mm ctrs) with 100mm quilt fibre insulation quilt between. Face both sides with 12.5mm plasterboard and skim.

- FLOORS

100mm concrete slab over 70mm 'CELOTEX' GA3000 insulation (with 25mm perimeter upstand) over 'Visqueen' 1200 gauge over minimum 150mm hardcore.

- ROOFS

SUNROOM :- Concrete interlocking roof tiles to match existing as close as possible over 50 x 25mm s.w. battens over underslate felt underlay over tripped trussed rafter system by Specialist Firm. Calculation sheets for trussed rafters to be approved by Building Control prior to commencement of roofwork.

SIDE EXTENSION :- Concrete interlocking roof tiles to match existing as close as possible (Suitable for 15° pitch) over 50 x 25mm s.w. battens over underslate felt underlay over 100 x 50mm s.w. common rafters at 400mm ctrs. Rafters supported at mid span with 200 x 75mm s.w. purlin.

- CEILINGS.

SUNROOM :- 12.5mm plasterboard and skim all over 500 gauge vapour barrier to u/s of trussed rafters. ceiling to have 270mm insulation quilt over (2 layers at 90°).

SIDE EXTENSION :-

125 x 50mm s.w. ceiling joists at 400mm ctrs, with ceiling of 12.5mm plasterboard and skim, all over 500 gauge vapour barrier. ceiling to have 270mm insulation quilt over (2 layers at 90°).

- ROOF VENTILATION.

Eaves :- continuous 12.5mm air gap complete with fly mesh

Ridge :- Ventilated dry ridge system.

- WINDOWS.

Windows to provide min 1/20th of floor area of rooms in opening ventilation, complete with 8000mm² trickle ventilation.
Windows to be UPVC double glazed with Pilkington 'K' Energy saving glass to achieve U value of 1.6 w/m²k (Doors with greater than 50% glazing to achieve 1.8 w/m²k).
All glazing to comply with Part K of the Approved Documents, including safety glass to critical locations.

- LINTELS

Birtley 'Supagalv' cambered steel insulated lintels - Minimum 150mm end bearing.

- MECHANICAL VENTILATION.

The following areas to have mechanical extraction direct to external air at rates indicated,
Laundry :- min 30 ltrs/sec.
W.C. :- min 6 ltrs/sec.
Kitchen :- min 60 ltrs/sec.

- DRAINAGE

100mm ø pvc. underground drainage pipework, bedded and surrounded in 6mm granular fill.
Any drainage pipework passing through walls underground to have r.c. lintels over.

- WASTES

Washbasin :- 32mm ø pvc trapped waste to 100mm soil pipe.
Sink unit :- 38 mm ø " " " " "
Close coupled W.C suite with 100mm ø pvc. soil pipe.

DAVID WALKER (0191) 5201441