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Scale 1: 1-1250

NORTH

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BARNSLEY
Metropolitan Borough Council

**Planning and Transportation Service**
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SUNNYBANK RISE
ST HELEN'S STREET
APPLICATION SITE
El Sub Sta
BM 82.34m
76.2m
20
37
38
2
6
7
90
94
96
97
102
108
113
131
151

1900mm above the floor.

All glazing within 800mm finished floor level to be safety glazing and comply with Part N of the Building Regulations and BS. 6206:1981. All glazing to be double sealed units installed to manufacturers instructions.

Extractor fan to WC to be ducted through external wall between floor joists in accordance with manufacturers literature. Extractor to have extract rating of 6 litres per second and a 15 minute over-run. HSM for T type extractor connected directly to light switch.

Bathroom extractors fans to have an extractor rate of not less that 15ltrs./second and have a minimum 15min over-run. Wall mounted extractor fan may be used as alternative to ceiling.

All exposed waste pipes to be boxed in using 6mm ply and 38 x 38mm SW framing. Internal SVP position as shown to be boxed in using 38 x 38mm SW battens with 1 No. layer of plasterboard finish. External SVP to be used wherever possible.

Potterton Promax HE boiler with flue to be ducted through external wall in all situations. Alternative boiler may be used subject to accepted details.

All intermediate floors to include an absorbant layer of 100mm mineral wool (medium density 10kgs per cubic metre) within void to give a 40db sound reduction.

Thermal Notes

Dwelling to be fitted with a high efficiency band A boiler with minimum SEDBUCK rating of 86%.

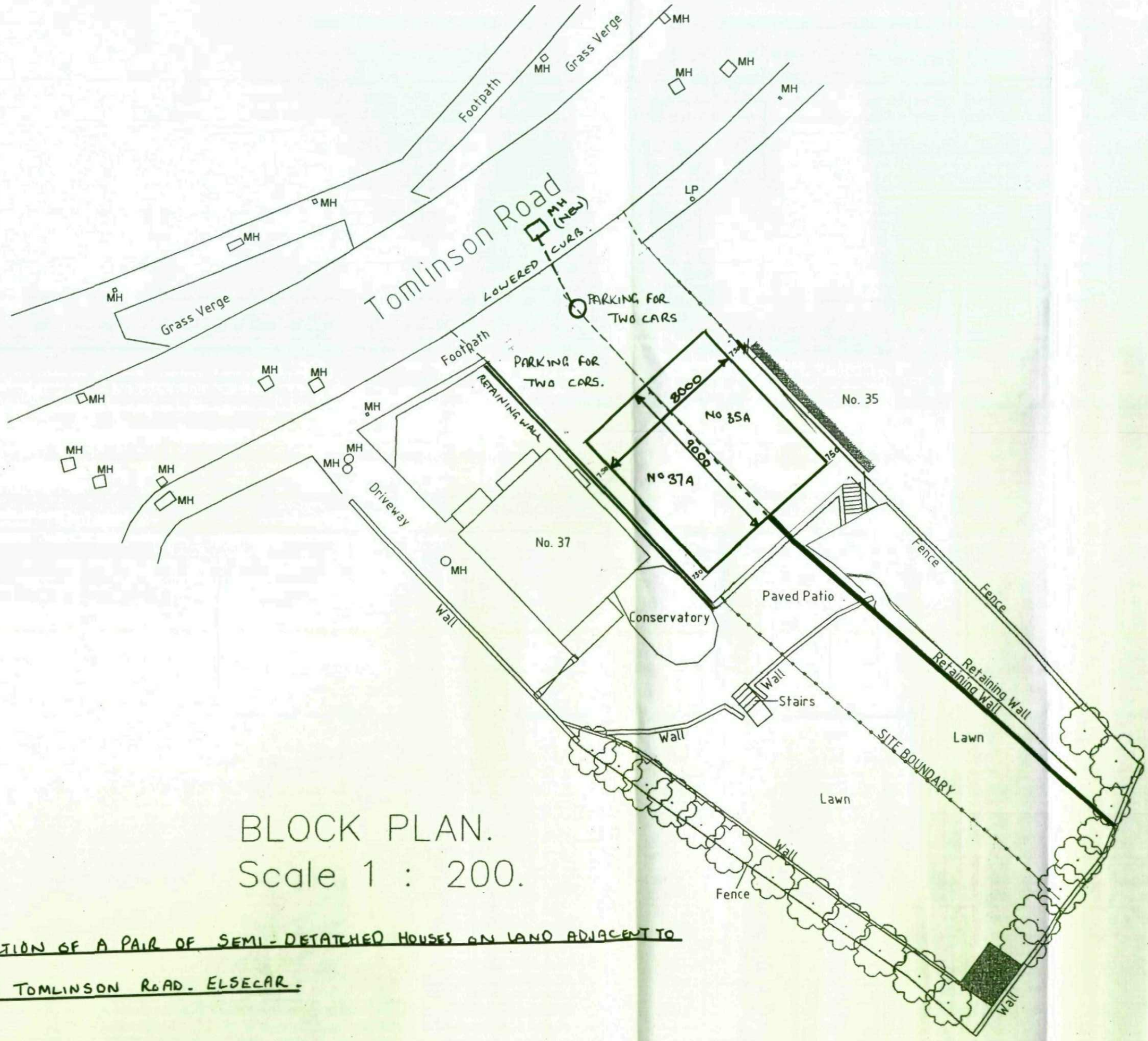
External cavity walls to be insulated to give a 'U' value of 0.37 W/m2/K.

Roof to be insulated with 300mm fibreglass quilt to give a 'U' value of 0.14 W/m2/K.

Windows/French doors to be double glazed with low E glass and 12mm air gap to give a 'U' value of 2.0 W/m2/K. Front access door to be insulated and to have a 'U' value of 0.157 W/m2/K.

Thermal Bridging and Air Leakage

The building fabric will be constructed to adopt the recommendations in the report Robust Construction Details for Dwellings and Similar Buildings to minimise risk of cold bridging and air leakage.




# BLOCK PLAN.
## Scale 1 : 200.

PROPOSED CONSTRUCTION OF A PAIR OF SEMI-DETATCHED HOUSES ON LAND ADJACENT TO N° 37 TOMLINSON ROAD. ELSECAR.

MAY 2009

DRAWING N° ELS02