

GENERAL NOTES: Do not scale from this drawing.
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 Neighbouring properties not surveyed unless stated.

RW GOODS
 110mm insulation or equiv. (min. thermal conductivity 0.022W/m2.K) between rafters and ceiling.
 30mm slating over K18 Insulated Plyboard to underside of rafters.
 Tyvek or similar approved breathable membrane taped into gully. Roof spread designation.
 U-value: 0.15W/m2.K

RUBBER SHEET ROOF (COLD)
 New rafters to be laminated wrought softwood at min. 400mm centers fixed to existing plain concrete slab with 10mm diameter stainless steel bolts and nuts. Bolts to be spaced over 1000mm. New rafters for rooflight openings. All to SE's spec.
 100mm Celotex insulation or equiv. (min. thermal conductivity 0.022W/m2.K) between rafters with min. 40mm continuous air gap. 50mm Celotex insulation to be laid back plasterboard to underside, screed and set.

EXTERNAL WINDOWS/DOORS
 Glazing to be double glazed with e frame. To be installed in accordance with BS6266:1981. 1st floor windows to have a clear operable area of at least 0.33m²; no dimension in height or width of the operable area less than 450mm. Whole unit Windows U-value to be 0.18W/m2.K. Doors to be 1.00W/m2.K, to comply with Part L.

ROOFLIGHTS/ROOF LANTERNS
 Trimmers around openings to SE's specification. Windows U-value to be 1.40W/m2.K to comply with Part L.

FOOTINGS, FOUNDATIONS & SLAB (FRENCH)
 Min. 65mm screed (75mm for heavily loaded floors) on 100mm rigid Celotex insulation or equiv. (min. thermal conductivity 0.022W/m2.K) in 150mm concrete. To be finished with 100mm in the top having 25mm cover on 1200g DPC dressed up at edges to connect with Semi-engineering class B barwork to 150mm above ground. DPC to connect to existing DPC. Maintain ventilation to suspended floor of existing house.
 N.B. no new foundations due to protected trees. Garage floor built up on existing slab.

STEELWORK
 See Structural Engineer's information for beam and column sizes. Min 150mm bearing stiffeners in Zone 1 and Zone 2. 2 x 12.5mm plates to be bolted and set to provide min. 30mm fire resistance (60min for compartment walls separating building for floors over 5m in height) to comply with Part B1.

THERMAL BRIDGING/ARTIGHTNESS
 Take reasonable steps to close gaps at junctions to eliminate thermal bridges.

EXTERNAL WALLS: BLOCK AND
 Engineer's specification and subject to Building Inspector. Backfill with selected excavated material.
 U-value: 0.18W/m2.K

SOMERS & FLASHINGS
 All roof somers and flashings to be made to the Local Sheet Association and min 150mm overlap.

EXTERNAL WALLS: BLOCK AND
 Engineer's specification and subject to Building Inspector. Backfill with selected excavated material.
 U-value: 0.18W/m2.K

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 Engineer's specification and subject to Building Inspector. Backfill with selected excavated material.
 U-value: 0.18W/m2.K

RUBBER SHEET ROOF (COLD)
 New rafters to be laminated wrought softwood at min. 400mm centers fixed to extended edge plate with stainless steel bolts. New rafters for rooflight openings. All to SE's spec.
 110mm insulation or equiv. (min. thermal conductivity 0.022W/m2.K) between rafters and ceiling.
 30mm slating over K18 Insulated Plyboard to underside of rafters.
 Tyvek or similar approved breathable membrane taped into gully. Roof spread designation.
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RUBBER SHEET ROOF (COLD)
 New rafters to be laminated wrought softwood at min. 400mm centers fixed to existing plain concrete slab with 10mm diameter stainless steel bolts and nuts. Bolts to be spaced over 1000mm. New rafters for rooflight openings. All to SE's spec.
 100mm Celotex insulation or equiv. (min. thermal conductivity 0.022W/m2.K) between rafters with min. 40mm continuous air gap. 50mm Celotex insulation to be laid back plasterboard to underside, screed and set.

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 Take reasonable steps to close gaps at junctions to eliminate thermal bridges.

EXTERNAL WALLS: BLOCK AND
 Engineer's specification and subject to Building Inspector. Backfill with selected excavated material.
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 U-value: 0.18W/m2.K

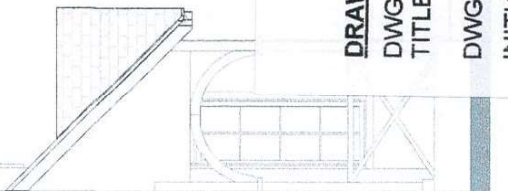
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EXTERNAL WALLS: BLOCK AND
 Engineer's specification and subject to Building Inspector. Backfill with selected excavated material.
 U-value: 0.18W/m2.K



SECTION AA
 Scale: 1:50



LEFT ELEVATION
 Scale: 1:50

DRAWING MARK UP

DWG TITLE: Sections

DWG NO.: SK-03 A

INITIALS: SLC DATE: 08.07.2023

REV. A UPDATED LAYOUT

JOB NO.: 06664



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| | GRAINNE O'KEEFE ARCHITECTS LIMITED Atrium, 36 Broad Lane, Hampton, TW12 3JZ 020 894 11064 07976 3899 0 grainnearch@btopenworld.com www.gokarchitects.co.uk | Job Name Chesterfield House 32 Broad Lane | Job No 2023 - 13 | Rev No 14:45:39 |
| | Drawing Name Left & AA Working | Dwg No/Scale 25 1:50 | Date 08.07.2023 | Land Code 26/6/24 |

PRELIMINARY