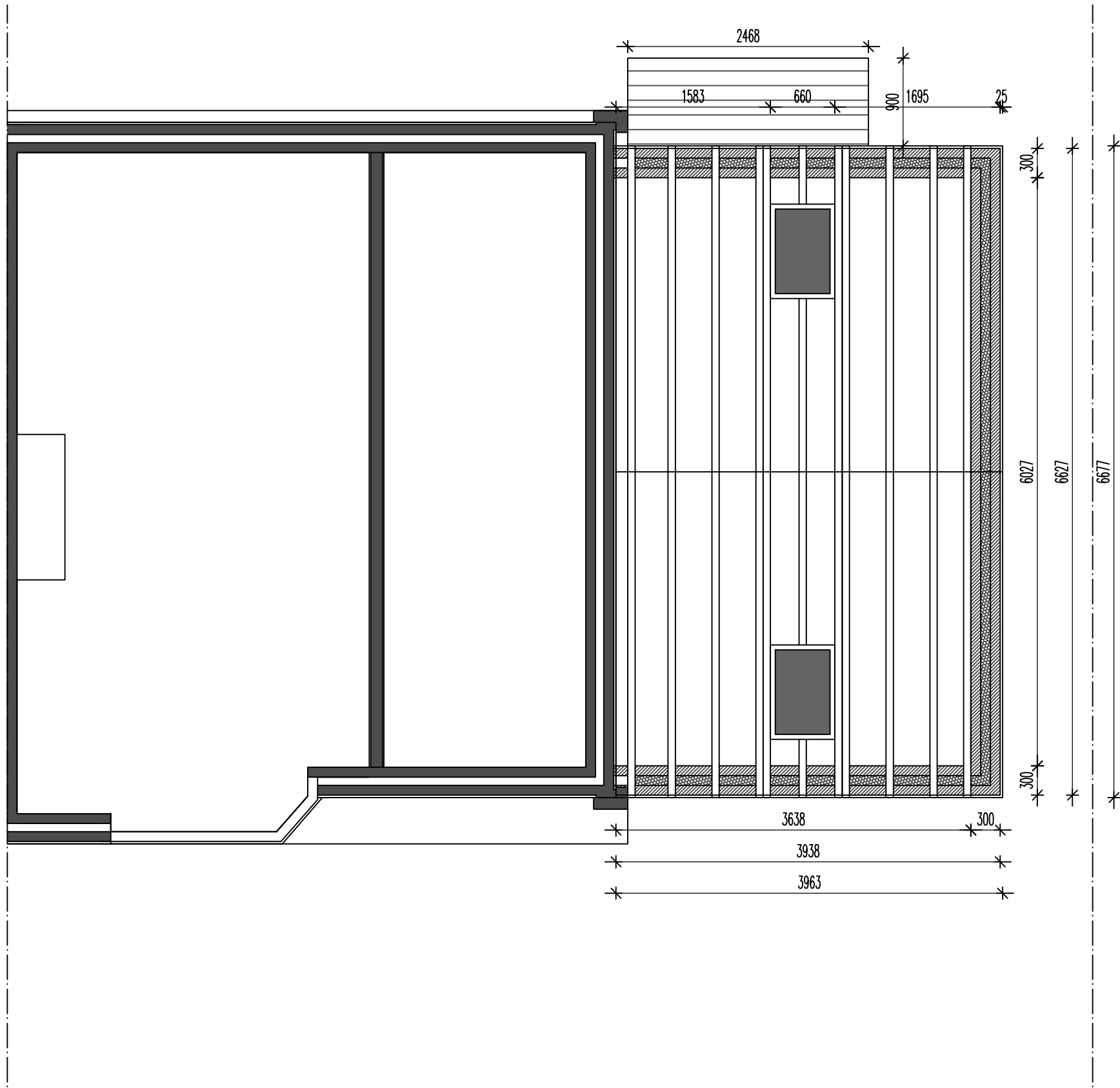


RAFTER PLAN AS PROPOSED 1:50

DURLWOOD, CHINLEY

FOUNDATION WALLS TO SIDE EXTENSION ARE ASSUMED TO BE CONC STRIP FOOTINGS WITH WEAK MIX CONC CAVITY CONSTRUCTION UP TO A BEAM AND BLOCK FLOOR CONSTRUCTION. 100mm CONC/SCREED COVER WITH 25mm PERIMETER INSUL TO PREVENT COLD BRIDGING AND FINISH TO CLIENTS REQUIREMENTS (UNDERFLOOR HEATING IF SO DESIRED - DISCUSS WITH CLIENT). 150mm KINGSPAN FLOORING GRADE INSULATION, 1200g DPM (TAPED AND SEALED). 225 DEEP BEAMS WITH 7N BLOCKS LAID FLAT BETWEEN. EXTERNAL WALLS ARE TO BE 100mm 7N BLOCK WITH DASHED RENDER OVER BRICK PLINTH LINE TO MATCH, 100mm CAVITY WITH FULL FULL KINGSPAN (THERMALLY SEALED TO OPENINGS/JUNCTIONS ETC), 100mm INTERNAL 7N BLOCK AND 12.5mm PLASTERBOARD AND SKIM TO FINISH. ALLOW FOR ALL RELEVANT WALL TIES AT 450 AND 750ctr.

NEW BI-FOLD DOOR TO THE REAR TO BE ALUMINIUM WITH TRIPLE GLAZED UNITS. U VALUE OF 0.9 W/M2K OR BETTER. ALLOW FOR BLIND SYSTEM IN GLASS CAVITY OR AS REQUIRED BY THE CLIENT. ALLOW FOR ASSOCIATED CAVITY TRAY CATNIC LINTOL OVER. ALL NEW WINDOWS TO BE FLUSH SASH CASEMENT WINDOWS FINISHED TO CLIENT REQUIREMENTS. ALL BATHROOM GLAZING TO BE OBSCURE

FIRST FLOOR JOISTS TO BE 200x75 AT MAX 450ctr WITH MID SPAN NOGGINS WITH MIN 22-25mm FLOORING GRADE BOARD OVER TO RUN FLUSH WITH EXISTING FIRST FLOOR. ALL JOISTS TO BE ON HANGERS AGAINST EXTERNAL WALL AND INSULATED WITH MIN 100mm SOUND INSULATION THERETO.

THE ROOF CONSTRUCTION TO BE MIN 150x75 C24 GRADE RAFTERS AT MAX 400ctr AT PITCH TO MATCH - ASSUMED TO BE 35deg. BATTEN OVER TO BREATHABLE MEMBRANE WITH INTERLOCKING TILES TO MATCH MAIN ROOF. ALLOW FOR DOUBLE RAFTER TRIMMING TO ROOFLIGHTS AS SHOWN-660x1180 VELUX WITH INTEGRA OPERATION AS/IF REQUIRED. INSULATE BETWEEN RAFTER WITH 100 KINGSPAN AND 50 BELOW WITH PLASTERBOARD AND SKIM TO FINISH TO FOLLOW RAKE LINE UP TO COLLAR TIE AS INDICATED.

ALL NEW STUDWORK IS TO BE 100x50 SW AT 450ctr WITH ISOVER APR 1200 QUILT THERETO FOR SOUND INSULATION PURPOSES. OVERBOARD WITH PBD AND SKIM AND PLYBOARD TO AREAS REQUIRING WALL FIXING. ALLOW FOR NEW DOOR AND FRAME THERETO AND ALL RELEVANT SKIRTING JOINERY ETC.

ALLOW FOR ALL NEW M AND E WORKS THROUGHOUT. ALLOW FOR METERS NEAR BACK DOOR TO BE RELOCATED TO POSITION TO BE AGREED WITH CLIENT ETC.

ALLOW FOR ALL RELEVANT WORKS TO EXISTING DRAINAGE AS REQUIRED AND BRANCH CONNECTION TO EXISTING. AGREE ALL DETAILS WITH BUILDING CONTROL AT SITE LEVEL. ALLOW FOR ANY RELEVANT NEW MANHOLES AS/IF REQUIRED. ALLOW FOR ANY ABUTMENT ACO DRAINS WHERE APPLICABLE

DWG: PROPOSED
DURLWOOD
CHINLEY

1:50
DATE: JUNE'23
CHECKED:
DRAWN:

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A.J.S ARCHITECTURE

32 carr road.
buxton.
derbyshire.
sk17 6wf.

h: 01298 26062
m: 07794 400237

PROPOSED 05

DURLWOOD