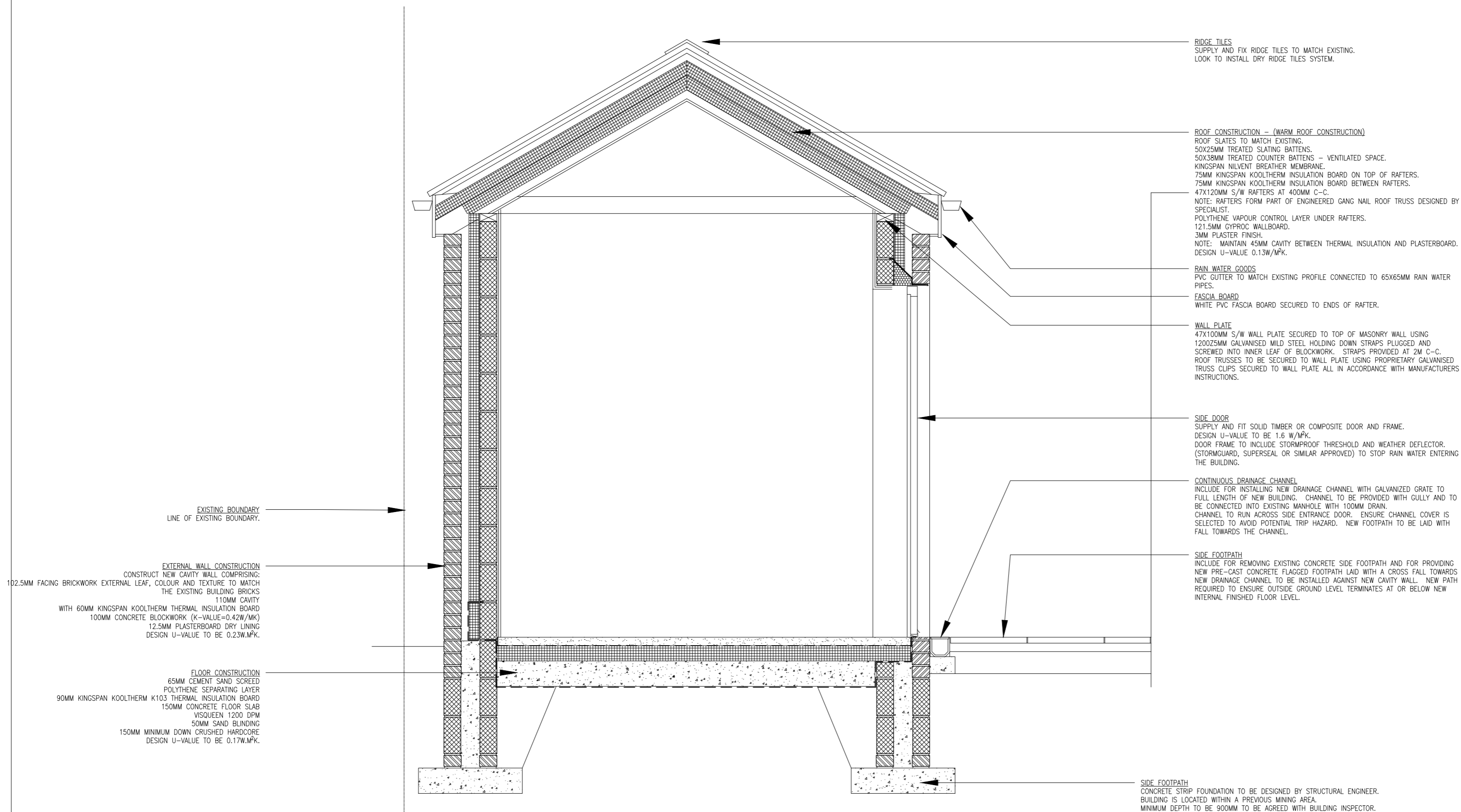


NOTES:
 1. Do not scale this drawing to ascertain dimensions. In all cases figured dimensions to be followed. All dimensions to be checked on site before work commences
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RIDGE TILES
 SUPPLY AND FIX RIDGE TILES TO MATCH EXISTING.
 LOOK TO INSTALL DRY RIDGE TILES SYSTEM.

ROOF CONSTRUCTION – (WARM ROOF CONSTRUCTION)
 ROOF SLATES TO MATCH EXISTING.
 50X25MM TREATED SLATING BATTENS.
 50X38MM TREATED COUNTER BATTENS – VENTILATED SPACE.
 KINGSPAN NULVENT BREATHER MEMBRANE.
 75MM KINGSPAN KOOLTHERM INSULATION BOARD ON TOP OF RAFTERS.
 75MM KINGSPAN KOOLTHERM INSULATION BOARD BETWEEN RAFTERS.
 47X120MM S/W RAFTERS AT 400MM C-C.
 NOTE: RAFTERS FORM PART OF ENGINEERED GANG NAIL ROOF TRUSS DESIGNED BY SPECIALIST.
 POLYTHENE VAPOUR CONTROL LAYER UNDER RAFTERS.
 121.5MM GYPROC WALLBOARD.
 3MM PLASTER FINISH.
 NOTE: MAINTAIN 45MM CAVITY BETWEEN THERMAL INSULATION AND PLASTERBOARD.
 DESIGN U-VALUE 0.13W/M²K.

RAIN WATER GOODS
 PVC GUTTER TO MATCH EXISTING PROFILE CONNECTED TO 65X65MM RAIN WATER PIPES.

FASCIA BOARD
 WHITE PVC FASCIA BOARD SECURED TO ENDS OF RAFTER.

WALL PLATE
 47X100MM S/W WALL PLATE SECURED TO TOP OF MASONRY WALL USING 1200Z5MM GALVANISED MILD STEEL HOLDING DOWN STRAPS PLUGGED AND SCREWED INTO INNER LEAF OF BLOCKWORK. STRAPS PROVIDED AT 2M C-C.
 ROOF TRUSSES TO BE SECURED TO WALL PLATE USING PROPRIETARY GALVANISED TRUSS CLIPS SECURED TO WALL PLATE ALL IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

SIDE DOOR
 SUPPLY AND FIT SOLID TIMBER OR COMPOSITE DOOR AND FRAME.
 DESIGN U-VALUE TO BE 1.6 W/M²K.
 DOOR FRAME TO INCLUDE STORMPROOF THRESHOLD AND WEATHER DEFLECTOR. (STORMGUARD, SUPERSEAL OR SIMILAR APPROVED) TO STOP RAIN WATER ENTERING THE BUILDING.

CONTINUOUS DRAINAGE CHANNEL
 INCLUDE FOR INSTALLING NEW DRAINAGE CHANNEL WITH GALVANIZED GRATE TO FULL LENGTH OF NEW BUILDING. CHANNEL TO BE PROVIDED WITH GULLY AND TO BE CONNECTED INTO EXISTING MANHOLE WITH 100MM DRAIN.
 CHANNEL TO RUN ACROSS SIDE ENTRANCE DOOR. ENSURE CHANNEL COVER IS SELECTED TO AVOID POTENTIAL TRIP HAZARD. NEW FOOTPATH TO BE LAID WITH FALL TOWARDS THE CHANNEL.

SIDE FOOTPATH
 INCLUDE FOR REMOVING EXISTING CONCRETE SIDE FOOTPATH AND FOR PROVIDING NEW PRE-CAST CONCRETE FLAGGED FOOTPATH LAID WITH A CROSS FALL TOWARDS NEW DRAINAGE CHANNEL TO BE INSTALLED AGAINST NEW CAVITY WALL. NEW PATH REQUIRED TO ENSURE OUTSIDE GROUND LEVEL TERMINATES AT OR BELOW NEW INTERNAL FINISHED FLOOR LEVEL.

SIDE FOOTPATH
 CONCRETE STRIP FOUNDATION TO BE DESIGNED BY STRUCTURAL ENGINEER. BUILDING IS LOCATED WITHIN A PREVIOUS MINING AREA.
 MINIMUM DEPTH TO BE 900MM TO BE AGREED WITH BUILDING INSPECTOR.

EXISTING BOUNDARY
 LINE OF EXISTING BOUNDARY.

EXTERNAL WALL CONSTRUCTION
 CONSTRUCT NEW CAVITY WALL COMPRISING:
 102.5MM FACING BRICKWORK EXTERNAL LEAF, COLOUR AND TEXTURE TO MATCH THE EXISTING BUILDING BRICKS
 110MM CAVITY
 WITH 60MM KINGSPAN KOOLTHERM THERMAL INSULATION BOARD
 100MM CONCRETE BLOCKWORK (K-VALUE=0.42W/M²K)
 12.5MM PLASTERBOARD DRY LINING
 DESIGN U-VALUE TO BE 0.23W/M²K.

FLOOR CONSTRUCTION
 65MM CEMENT SAND SCREED
 POLYTHENE SEPARATING LAYER
 90MM KINGSPAN KOOLTHERM K103 THERMAL INSULATION BOARD
 150MM CONCRETE FLOOR SLAB
 VISQUEEN 1200 DPM
 50MM SAND BLINDING
 150MM MINIMUM DOWN CRUSHED HARDCORE
 DESIGN U-VALUE TO BE 0.17W/M²K.

Rev.	Date	Description	Drawn	Approved



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Client:
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Project:
**107 HOUGHTON ROAD, THURNSCOE
 ADDITIONAL RETAIL UNIT**

Drawing:
SECTION C-C AS PROPOSED

Scale: 1:20 @ AZ	Drawn by: GT
Date: 17.01.25	Checked by: CT
Drawing no.: L0199/40:01	Revision: -

