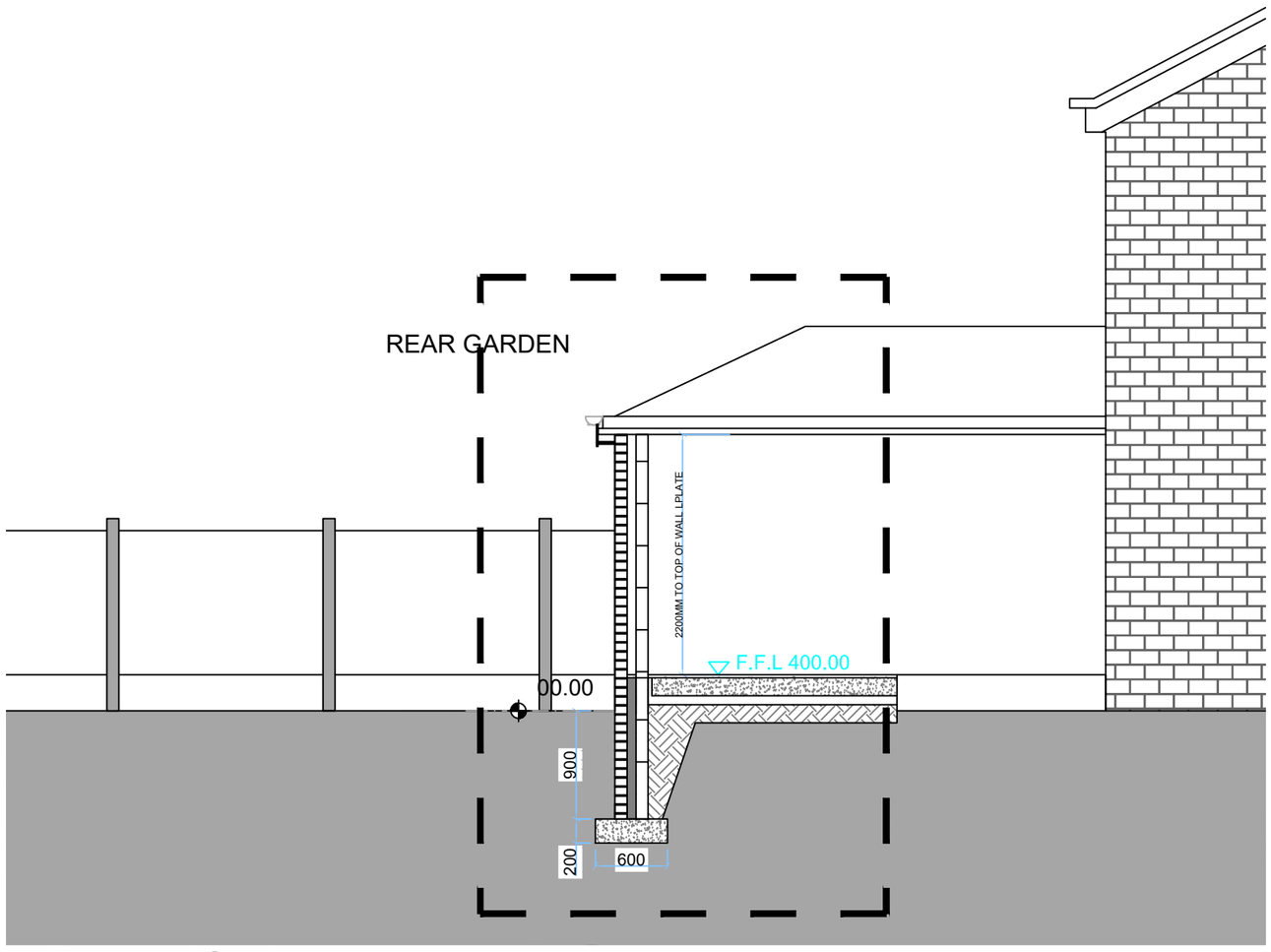
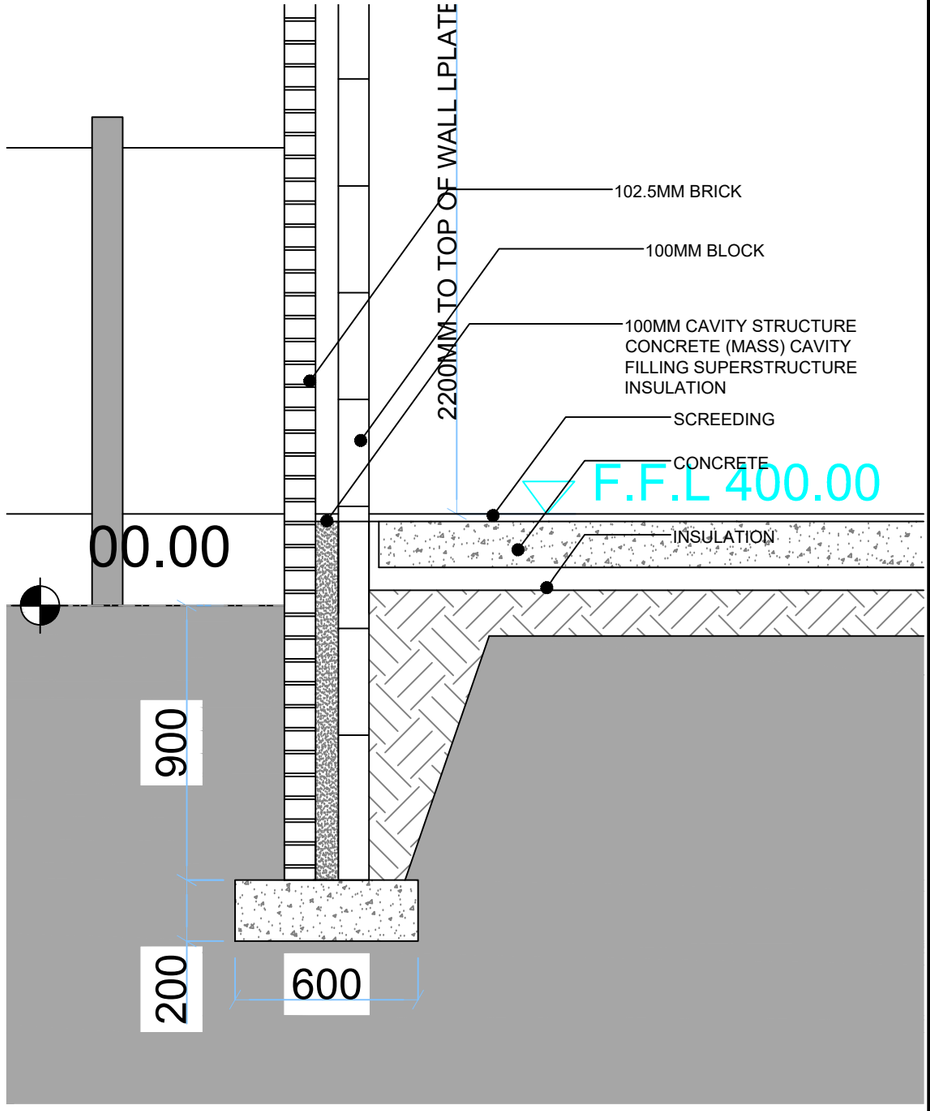


Proposed Section 1:50



1:20

FLOOR

75MM CEMENT AND SAND SCREED ON 150MM CONCRETE SLAB ON 75MM CELLOTEX INSULATION ON 1200 GUAGE VISQUEEN DPM ON SAND BINDED HARDCORE IN 150MM WELL COMPACTED AND CONSOLIDATED LAYERS DPM TO LAP DPC.
PROVIDE 25MM STYROFOAM TO PERIMETER OF SLAB AND SCREED AT EXTERNAL WALLS, TOPREVENT COLD BRIDGE.
WHERE APPLICABLE, LAY AIR PIPES IN SLAB CONNECTING EXISTING AIR BRICKS TO NEW CONTINUE SUB FLOOR VENTILATION.

SANITARY

ALL NEW FITTINGS TO HAVE 75MM DEEP SEAL OR RESEALING TRAPS, IF SINK IS MORE THAN 3.2MM FROM GULLY. SINK TO ALSO HAVE 38MM DIAMETER WASTE. ENCASE ALL DRAIN UNDER BUILDING IN 150MM CONCRETE.
ALL NEW DRAINS TO BE 100MM DIAMETER, APPROVED TYPE, TO FALL OF 1:40.

FOUNDATIONS

STRIP FOUNDATIONS TO BE 600MM WIDE x 200MM DEEP WITH AN APPROXIMATELY COVER 900MM
FOUNDATIONS ARE TO COMPLY WITH LOCAL AUTHORITY BUILDING INSPECTORS RECOMMENDATIONS AND ARE TO SUIT SITE CONDITIONS.

WALLS

102.MM OUTER LEAF BRICK TYPE TO MATCH EXISTING, 100MM FULL FILL CAVITY WITH ROCKWOOL INSULATION AND 100MM THERAMATIVE BLOCK INNER LEAF TO GIVE OVERALL U VALUE OF 0.35w/m2K.
PLASTER AND SKIM INTERNALLY. CONTINUE CAVITY WITH EXISTING, IF POSSIBLE, OTHERWISE USE "TRULINE" CROCODILE CLIP WALL CONNECTORS, OR SIMILAR APPROVED, BONDED AT EVERY 3RD COURSE.
PROVIDE SPLAYED WEAK MIX CONCRETE CAVITY FILL A MINIMUM 225MM BELOW DPC LEVEL WITH STAINLESS STEEL VERTICAL TWIST WALL TIES AT MAXIMUM OF 450MM VERTICAL C/C AND 900MM HORIZONTAL C/C AND TO BE STAGGERED AT DOOR AND WINDOW OPENINGS. STAGGER TO BE 300MM.
TIE TO BE IN ACCORDANCE WITH BS 1243 AND TO BE INCLINED TO THE OUTER LEAF.
CAVITY TO BE CLOSED AT HEAD WITH SUPALUX.
CAVITY TO BE CLOSED AT OPENINGS WITH INSULATED CAVITY CLOSER BY DAMCOR OR SIMILAR APPROVED.
USE DAMCOR VERTICAL DPC, TO ALL NEW EXTERNAL OPENINGS. PROVIDE HYLOAD DPC, A MINIMUM 150MM ABOVE GROUND LEVEL.
INSTALL IG STAINLESS STEEL LINTELS (TYPE L1/S80 WITH CAVITY TRAY DPC's OVER), OR SIMILAR APPROVED ABOVE ALL NEW DOORS AND WINDOWS ON EXTERNAL WALLS.
PROVIDE 5x38x900MM LONG MILD STEEL RESTRAINT STRAP FIXED ACROSS 3NO. RAFTERS, WHERE RAFTERS RUN PARALLEL TO WALLS. ALLOW NOGGIN BETWEEN RAFTERS.
PROVIDE WEEPHOLES AT MAXIMUM 900MM C/C ABOVE GROUND LEVEL AND ABOVE CAVITY TRAY DPC's (A MINIMUM 3/ OPENING IF REQUIRED).

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GENERAL NOTES

WINDOW AREA OF HABITABLE ROOMS ARE TO BE 1/10th THE FLOOR AREA AND ARE TO BE PROVIDED WITH TRICKLE VENTILATION SYSTEM OR FACILITY TO GIVE TOTAL AREA NOT LESS THAN 8000/MM. WINDOW OPENINGS ARE TO BE 1/20th AREA.

ALL NEW OPENINGS ARE TO BE FULLY DRAUGHT PROOF.

ALL NEW WINDOWS ARE TO BE DOUBLE GLAZED, WITH A 22MM GAP AND IN FRAMES TO MATCH EXISTING AND INCORPORATING K GLASS.

ALL GLAZING IN CRITICAL AREAS TO BE A TOUGHENED, THICKENED, OR LAMINATED KITE MARKED SAFETY GLASS.

ALL ELECTRICAL WORKS TO BE WIRED AND TESTED BY AN APPROVED ELECTRICAL ENGINEER, CAPABLE OF PROVIDING A TEST CERTIFICATE ON COMPLETION.

ALL NEW DOORS AND WINDOWS TO ACHIEVE U VALUE OF 1.6w/M2K.

ALL NEW RADIATORS ARE TO BE FITTED WITH THERMOSATIC VALVES AND TO BE IN STRICT ACCORDANCE WITH DOMESTIC HEATING GUIDE.

REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
					-

ALL MEASUREMENTS ARE IN MILLIMETER AND MUST BE CHECKED ON SITE - DO NOT SCALE DRAWINGS
- ALL DRAWING SPECIFICATIONS AND THEIR COPY RIGHT ARE THE PROPERTY OF ENGINEERS, ARCHITECTS, DESIGNERS, AND SHALL BE RETURNED AT THE COMPLETION OF THE WORK - THIS DRAWING IS FOR SUBMISSION TO THE LOCAL AUTHORITY PURPOSES UNLESS EXPRESSEDLY CERTIFIED.

SIGNATURE FOR SUBMISSION

PROJECT NO.	02 - HR - 2020
SCALE	AS@A3

PROJECT

Proposed Single storey Rear Extension at No.2 Headingley Road, Fallowfields Manchester, M14 6RR

DRAWING TITLE

Proposed Section

DRAWING NO.	REV.
HR - 010	