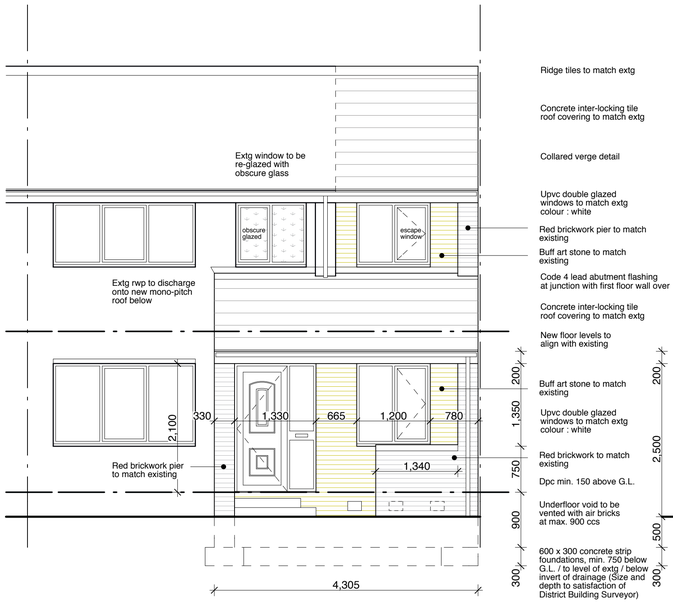
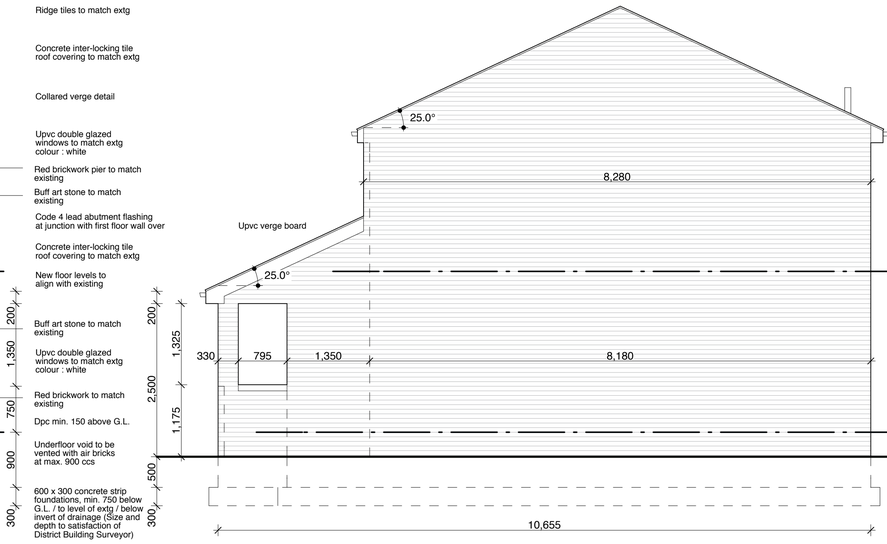
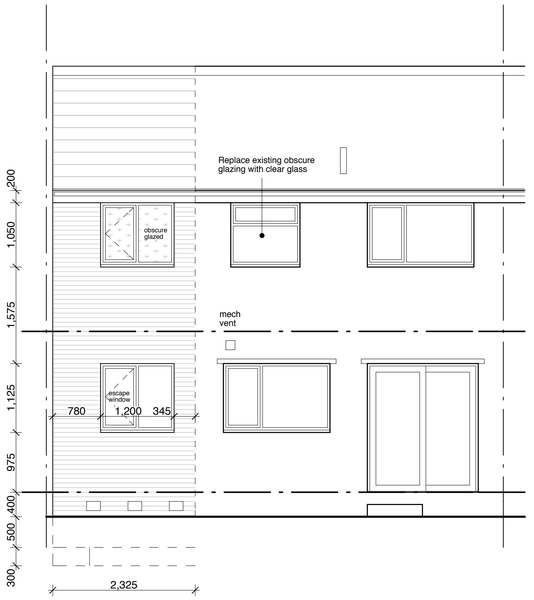


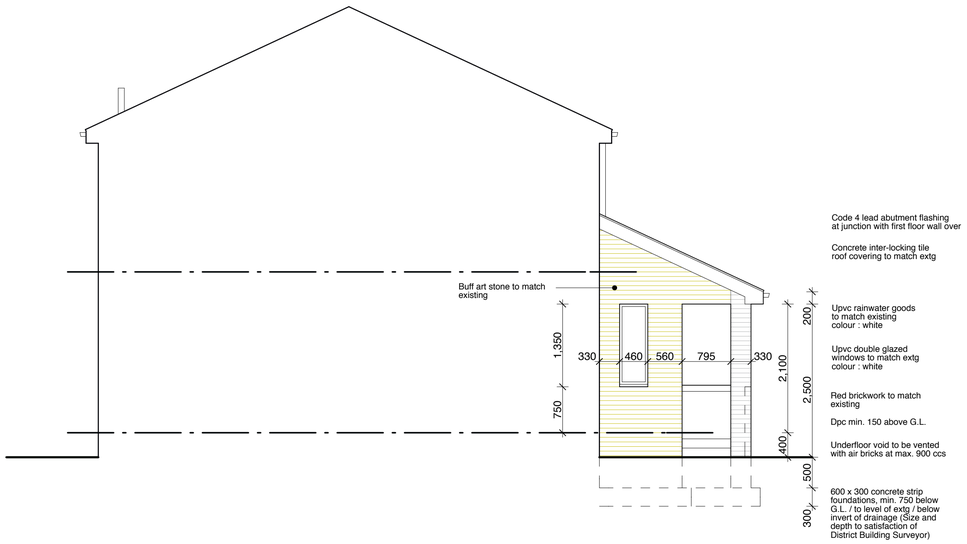


PROPOSED FRONT ELEVATION

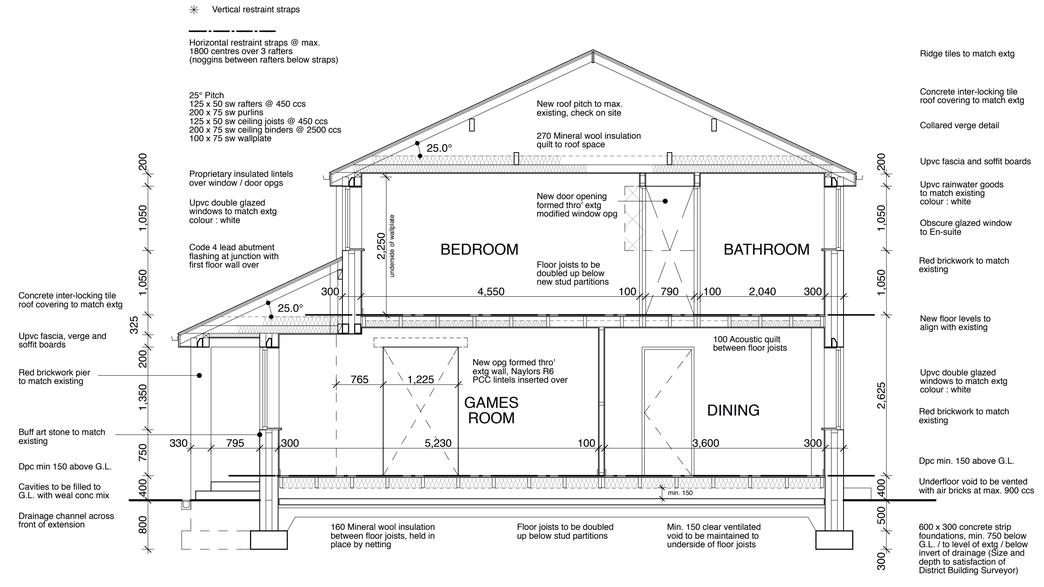
PROPOSED SIDE ELEVATION



PROPOSED REAR ELEVATION



PROPOSED MINOR SIDE ELEVATION



PROPOSED CROSS SECTION

GLAZING

NEW WINDOWS TO PROVIDE U VALUE NOT TO EXCEED 1.4 W/M2°C, MANUFACTURER / INSTALLER TO PROVIDE CERTIFICATION OF U - VALUE AND MEMBERSHIP OF REGISTRATION UNDER THE FENSA SCHEME.

ALL GLAZING IN EXTERNAL WINDOWS AND DOORS TO BE DOUBLE GLAZED AND IN ACCORDANCE WITH PART N OF THE BUILDING REGULATIONS, IE. SAFETY GLAZING TO WINDOWS BELOW 800MM, DOORS, AND TO DOOR SIDE PANELS BELOW 1500MM WITHIN 300MM OF DOOR, ALL IN ACCORDANCE WITH BS. 6206 AND PERMANENTLY MARKED TO INDICATE SUCH.

FIRST FLOOR CONSTRUCTION

170 X 50mm SW FLOOR JOISTS (GRADE S16) AT MAXIMUM 600mm CENTRES. JOISTS TO BE DOUBLED UP BELOW STUD PARTITIONS, BUILT INTO WALLS MINIMUM 90mm OR SUPPORTED ON JOIST HANGERS. SEAL JOISTS WHERE BUILT IN TO MAINTAIN AIR TIGHTNESS.

22mm T & G FLOORING GRADE CHIPBOARD OVER.

12.5mm PLASTERBOARD AND SKIM CEILING WITH SCIM CLOTH AT ALL JOINTS, MINIMUM DENSITY 10 kg/m3.

GMS RESTRAINT STRAPS AT MAX. 2000mm CENTRES PARALLEL TO JOISTS, EVERY 3RD JOIST WHEN PERPENDICULAR, TIED DOWN MIN. 450mm.

100mm ROCKWOOL ACOUSTIC INSULATION QUILT BETWEEN JOISTS TO HABITABLE ROOMS.

PITCHED ROOF CONSTRUCTION

TRADITIONAL ROOF CONSTRUCTION. REFER TO ROOF PLAN FOR TIMBER SECTION SIZES AND CENTRES.

25° PITCH (TO MATCH EXISTING - CHECK ON SITE)

INTERLOCKING CONCRETE TILE ROOF COVERING TO MATCH EXISTING, LAP AND FIXINGS TO BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS FOR THE GEOGRAPHICAL LOCATION OF THE SITE.

38 x 25mm PRESERVATIVE TREATED SW. BATTENS, ON

UNTEARABLE SARKING FELT - TYVEC HD PLUS BREATHER MEMBRANE OR EQUIVALENT.

270mm ROCKWOOL ROLLBATT INSULATION QUILT AT CEILING LEVEL, (TWO LAYERS 100mm AND 170mm LAID IN OPPOSING DIRECTIONS) WITH 12.5mm PLASTERBOARD AND SKIM CEILING BELOW WITH SKIM CLOTH AT ALL JOINTS.

ALL ABOVE TO GIVE 'U'-VALUE NOT TO EXCEED 0.16 W/m2°C

M.S. STRAPS TIED DOWN INTO CAVITY, MIN. 450mm LONG, VERTICAL STRAPS EVERY THIRD RAFTER, FULLY IN ACCORDANCE WITH APPROVED DOCUMENT A : DIAGRAM 17.

100 x 75mm SW. WALLPLATE TIED DOWN WITH MS. STRAPS AT MAX. 2000mm CCS IN ACCORDANCE WITH APPROVED DOCUMENT A : DIAGRAM 17.

UPVC FASCIA / VERGE (MONO-PITCH ONLY) BOARDS AND SOFFITS TO MATCH EXISTING.

CODE 4 LEAD ABUTMENT FLASHING AT JUNCTION WITH FIRST FLOOR WALL, TRAY DPC BUILT IN OVER IF REQUIRED BY DBS.

ABOVE GROUND DRAINAGE

ALL SANITARY WARE TO DISCHARGE TO NEW STUB STACK AS INDICATED.

WASTES : 100 DIA TO WC / 38 DIA TO BATHS / SHOWERS / WASHING MACHINE POINT / 32 DIA TO SINKS / WHB.

75mm DEEP SEAL BOTTLE TRAPS TO BATHS / SHOWERS / SINKS & WHB.

ENSURE SVP TERMINATES MINIMUM 900mm ABOVE ANY OPENING LIGHT WITHIN 3000mm.

MECHANICAL INSTALLATION

ANY NEW BOILER TO HAVE MIN. 86% SEDBUK RATING, FLUE LOCATION TO BE FULLY IN ACCORDANCE WITH APPROVED DOCUMENT J OF THE BUILDING REG'S.

ALL NEW RADIATORS TO BE FITTED WITH TRV'S.

EXISTING CHIMNEYS / FLUE / GAS FIRE TO BE REMOVED.

VENTILATION / MECHANICAL EXTRACT

MIN. 8000 SQ MM BACKGROUND VENTILATION TO HABITABLE ROOMS, MIN. 4000 SQ MM TO NON-HABITABLE.

OPENABLE WINDOWS TO HABITABLE ROOMS TO PROVIDE MINIMUM 1/20TH FLOOR AREA VENTILATION.

MECHANICAL VENTILATION TO BE PROVIDED TO KITCHEN, MIN. EXTRACT RATE OF 30 LITRES / SECOND IF ADJACENT TO HOB, OTHERWISE 60 LITRES / SECOND.

MECHANICAL VENTILATION TO BE PROVIDED TO EN-SUITE, MIN. EXTRACT RATE OF 15 LITRES / SEC WITH 15 MINUTE OVER-RUN.

ELECTRICAL INSTALLATION

WHERE UNDER APPROVED DOCUMENT P, CONTROLLED ELECTRICAL WORKS ARE TO BE CARRIED OUT, IT SHALL BE DONE BY AN ELECTRICIAN / INSTALLER WHO IS REGISTERED WITH A COMPETENT PERSON'S SCHEME, OR AN ELECTRICIAN REGISTERED WITH A RECOGNIZED TRADE BODY SUCH AS NICEIC, AND CAN ISSUE A DESIGN, INSTALLATION AND TEST CERTIFICATE UNDER BS 7671.

LOW ENERGY LIGHT FITTINGS TO BE PROVIDED AS FOLLOWS, 1 No. PER 25 m2 OR 25% OF TOTAL No. OF FITTINGS (LAMP LUMINOUS EFFICACY GREATER THAN 45 LUMENS PER CIRCUIT WATT).

FIRE RELATED MATTERS

ESCAPE WINDOWS TO ALL BEDROOMS TO PROVIDE MINIMUM CLEAR OPENING LIGHT OF 0.33 m2, MINIMUM 450mm WIDE X 750mm HIGH, CILL HEIGHT TO BE MINIMUM 800mm MAXIMUM 1100mm ABOVE FFL.

PROPOSED EXTENSION TO 7 HAVERLANDS LANE, BARNSLEY, S70 5NH

Scale: 1:50@A1 Date: Dec 2014

Dwg No: 002 Rev: