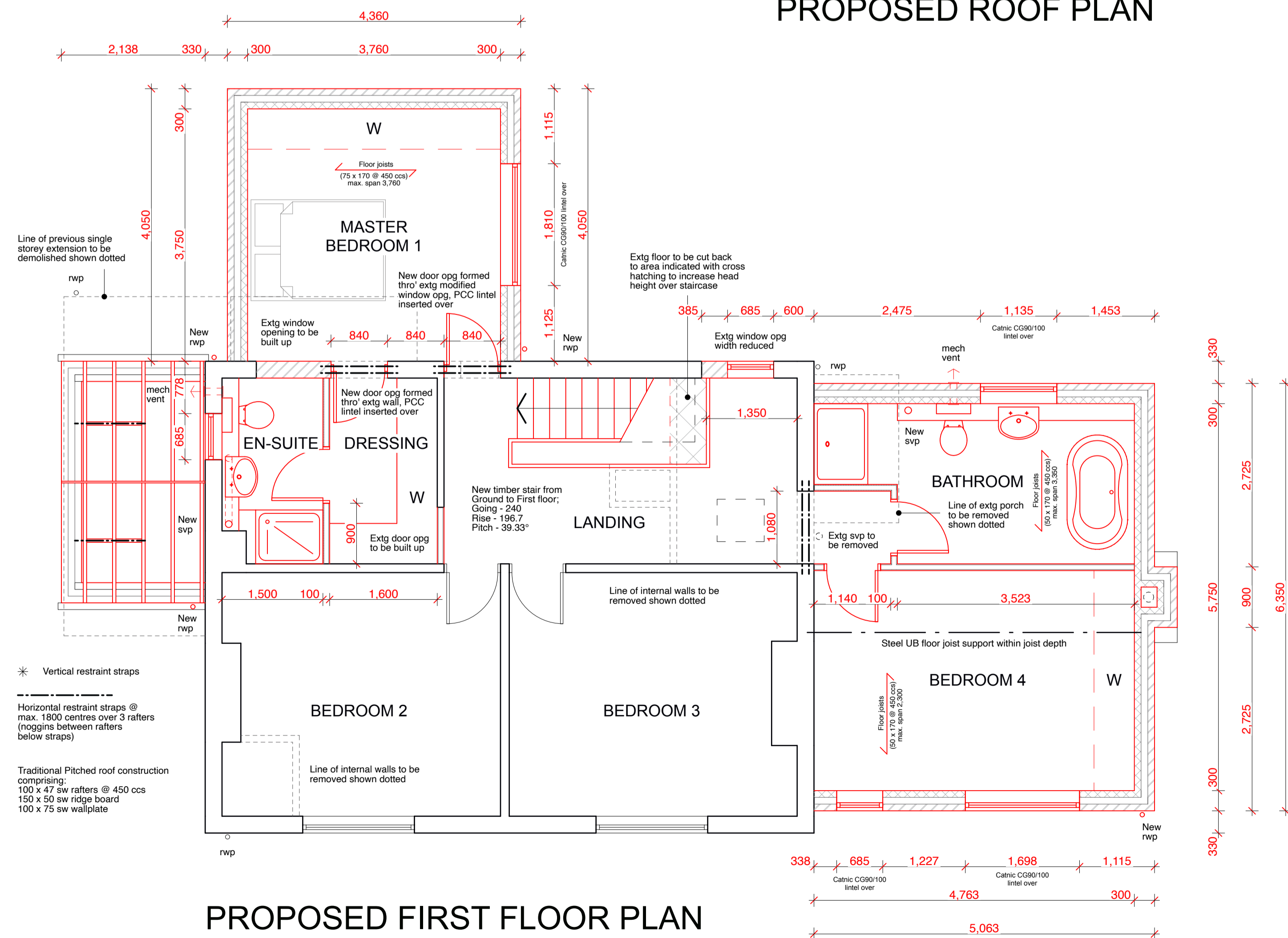


PROPOSED ROOF PLAN



PROPOSED FIRST FLOOR PLAN

ABOVE GROUND DRAINAGE
 EXTG 100mm DIA SVP TO SIDE ELEVATION TO BE REMOVED.
 NEW GROUND FLOOR WC TO DISCHARGE INTO NEW 100mm DIA STUB STACK.
 FIRST FLOOR BATHROOM AND EN-SUITE TO DISCHARGE INTO NEW 100mm DIA SVP'S TO SIDE / REAR ELEVATIONS.
 WASTES : 100 DIA TO WC / 38 DIA TO SINK, BATH, SHOWER AND WASHING MACHINE POINT / 32 DIA TO WHB.
 75mm DEEP SEAL BOTTLE TRAPS TO SINK, BATH, SHOWER & 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 REGS.
 ALL NEW RADIATORS TO BE FITTED WITH TRVs.
 EXISTING CHIMNEYS / FLUE / GAS FIRE NOT EFFECTED BY THE WORKS.

PITCHED ROOF CONSTRUCTION
 TRADITIONAL ROOF CONSTRUCTION. REFER TO ROOF PLAN FOR TIMBER SECTION SIZES AND CENTRES - 37° PITCH TO MATCH EXISTING.
 INTERLOCKING CONCRETE TILE ROOF COVERING, LAP AND FIXINGS TO BE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS FOR THE GEOGRAPHICAL LOCATION OF THE SITE (REFER TO PLANS).
 38 x 25mm PRESERVATIVE TREATED SW. BATTENS, ON KINGSPAN NILVENT BREATHER MEMBRANE OR EQUIVALENT.
 270mm ROCKWOOL ROLLBATT INSULATION CUILT 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/m²C
 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.
 COLLARED VERGE DETAIL TO MATCH EXISTING.
 CODE 5 LEAD / PROPRIETARY VALLEY GUTTERS.

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 UTILITY ROOM / WC / BATHROOM AND EN-SUITE, MIN. EXTRACT RATE OF 15 LITRES / SECOND 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 PERSONS 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 85 LUMENS PER CIRCUIT WATT).

FIRE RELATED MATTERS
 MAINS OPERATED AUTOMATIC SMOKE DETECTORS / ALARMS TO BE INSTALLED AT EACH STOREY LEVEL WITHIN STAIRCASE ENCLOSURE IN ACCORDANCE WITH BS 5839 - 6 : 2004.
 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.
 ALL STRUCTURAL STEELWORK TO BE ENCASED WITH 2 LAYERS 13mm FIRELINE BOARD TO PROVIDE MINIMUM 1/2 HR FIRE RESISTANCE.

PROPOSED EXTENSION TO HAVEN, STURTON ROAD, RETTFORD, DN22 0AB

Scale: 1:50@A1 Date: Jan 2021

Dwg No: 003 Rev: