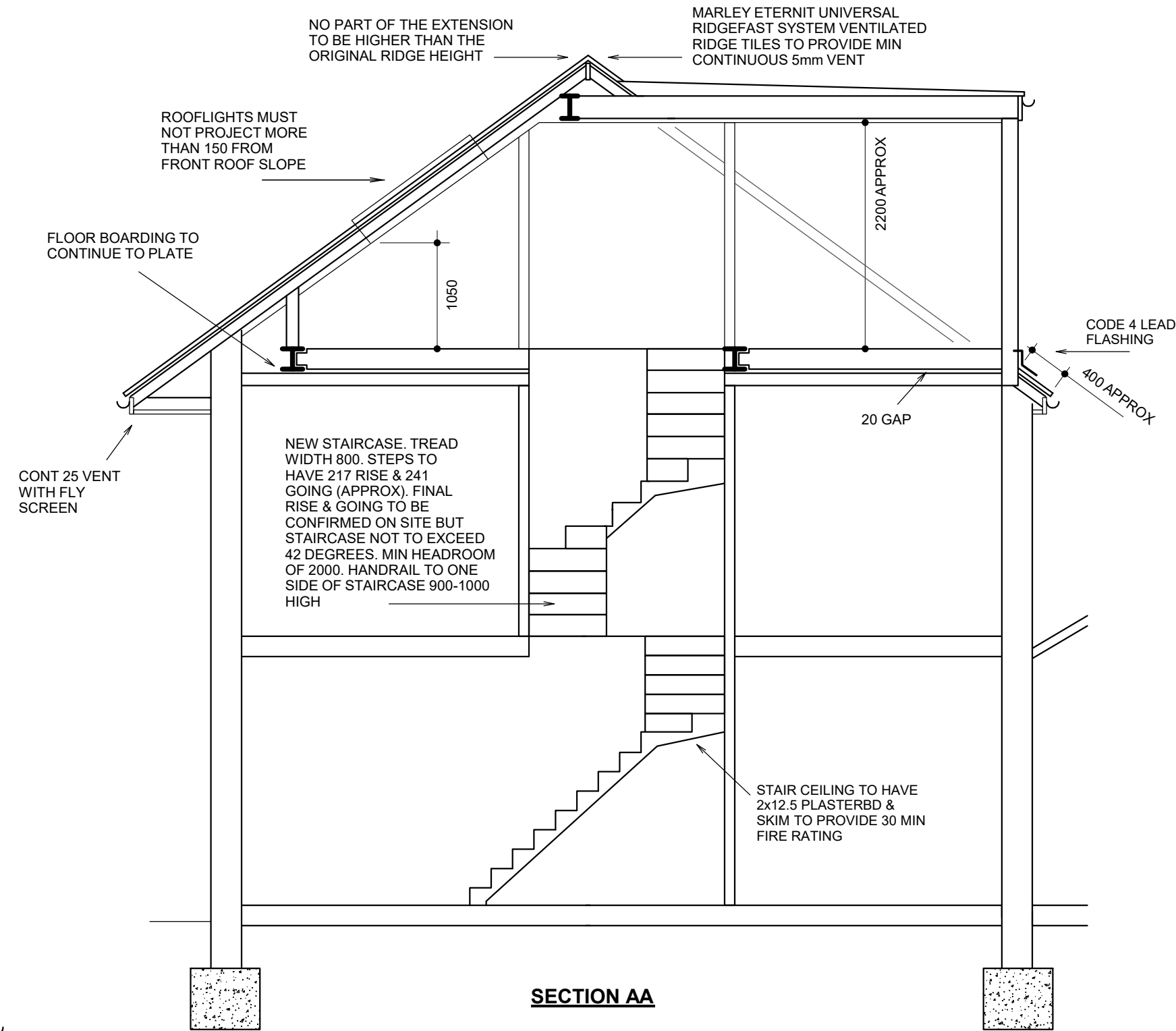
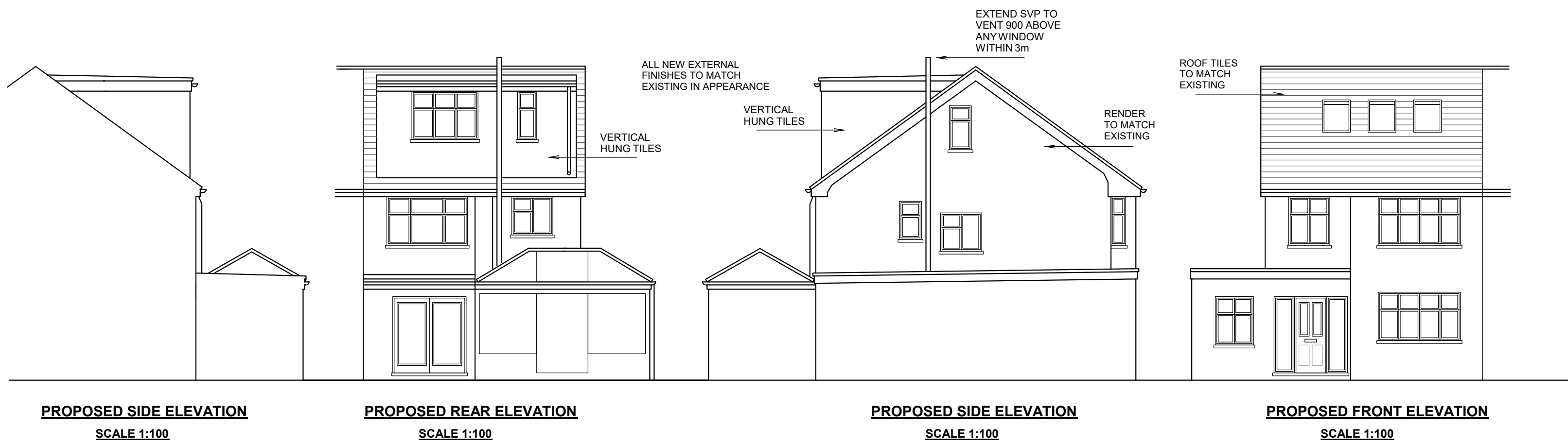


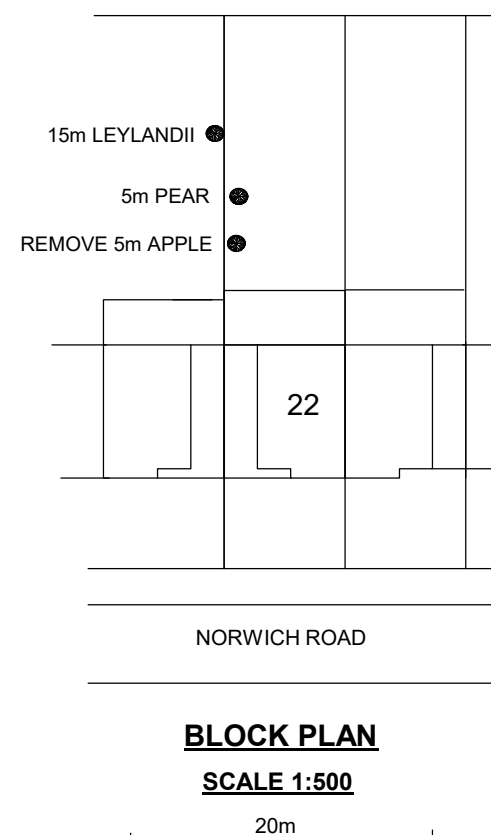
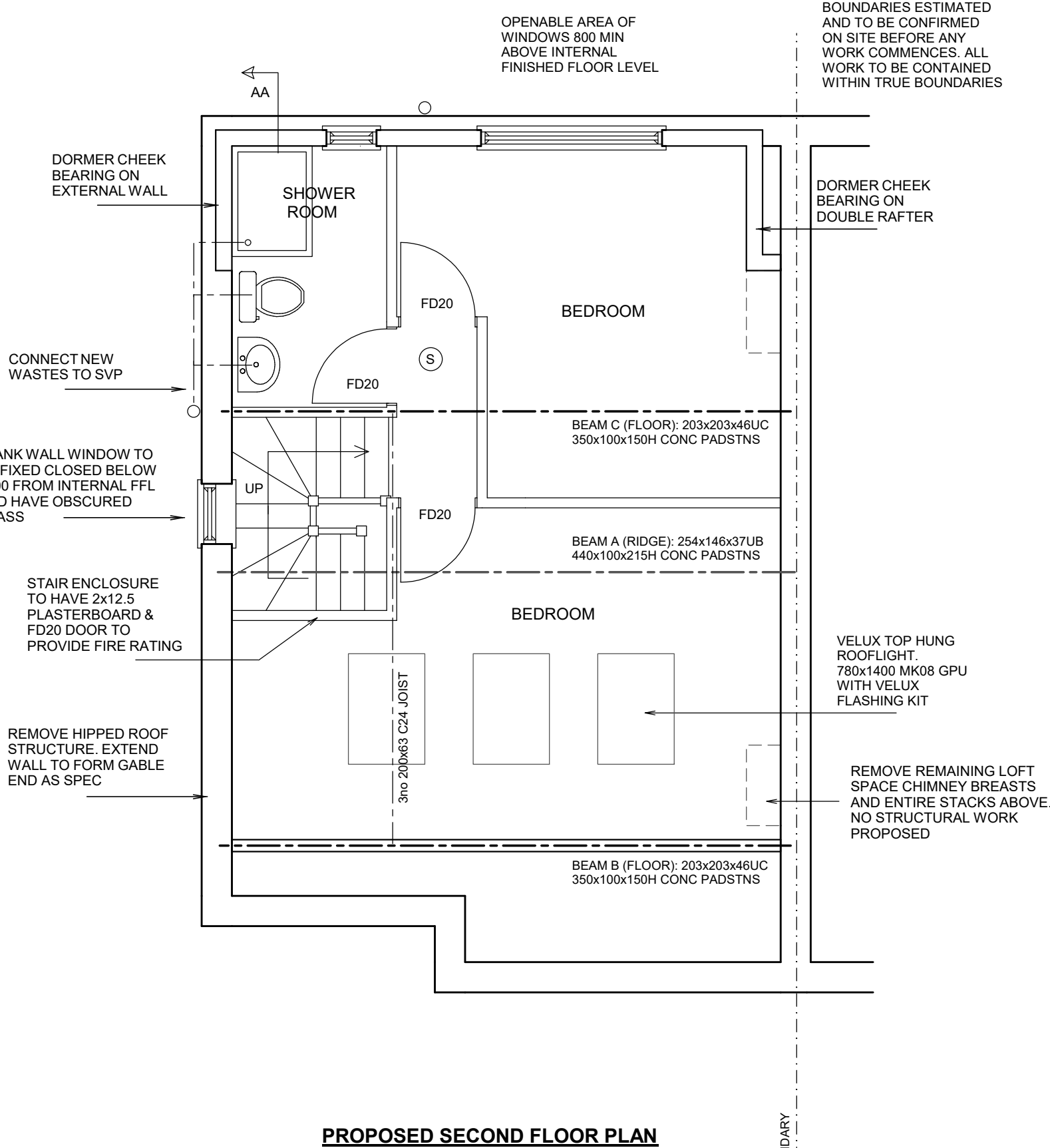
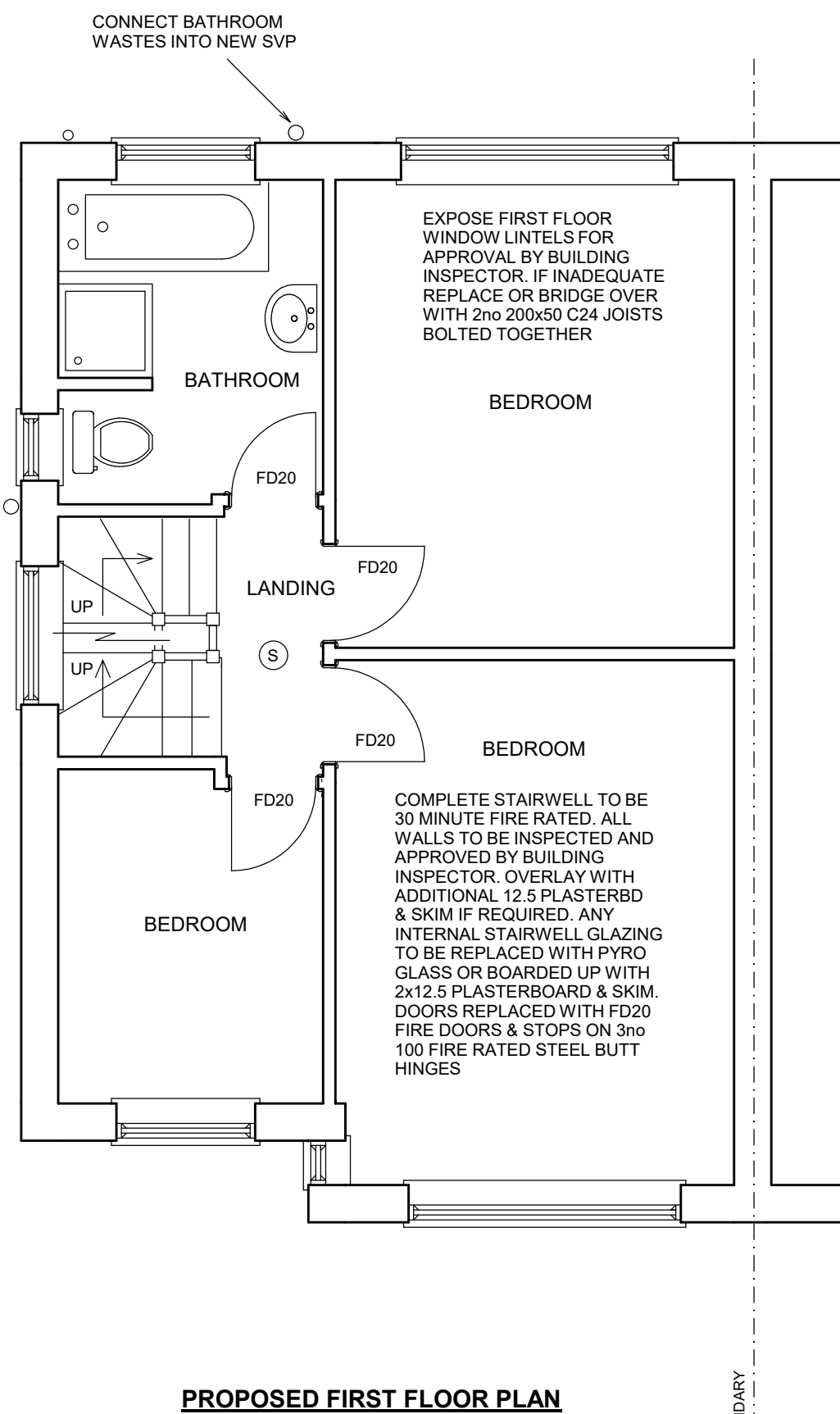
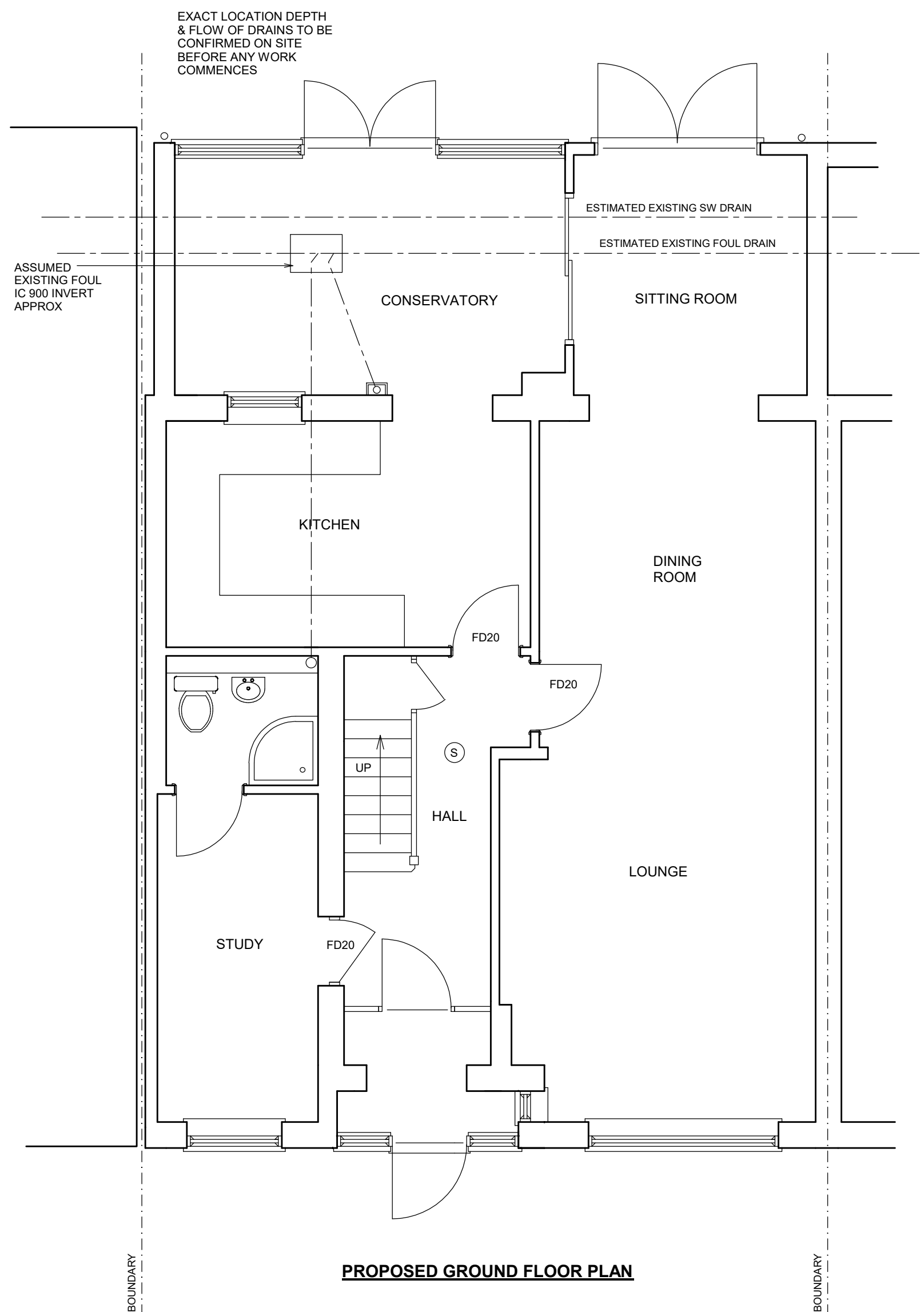
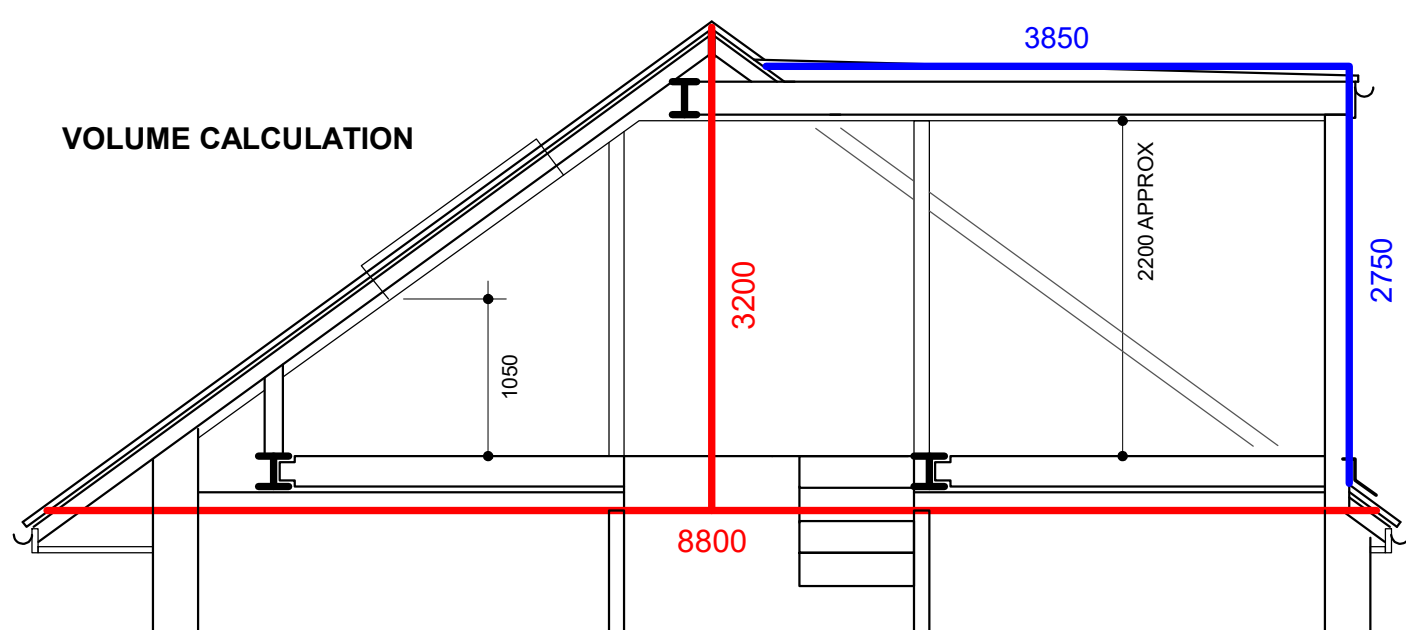


ROOF EXTENSION VOLUME		
PROPOSED HIP TO GABLE EXTENSION	$4.40(w) \times 8.80(g) \times 3.20(h)$	= 20.65 M3
	6	
PROPOSED REAR DORMER EXTENSION	$5.45(w) \times 3.85(g) \times 2.75(h)$	= 28.85 M3
	2	
TOTAL ROOF EXTENSION = 49.50 M3		

IMPORTANT NOTE:

ALL DIMENSIONS TO BE CHECKED AND CONFIRMED ON SITE. TOTAL ROOF EXTENSIONS MUST NOT EXCEED 50 CUBIC METRES MEASURED EXTERNALLY. HEIGHT MUST NOT EXCEED HEIGHT OF ORIGINAL MAIN ROOF RIDGE. ALL WORK MUST BE CONTAINED WITHIN THE SITE BOUNDARIES

VOLUME CALCULATION



DRAINS

Clay 100 dia pipe laid in 150 pea shingle to fall min 1 in 40. Inspection chambers 150 concrete base, 215 shaft of engineering bricks type B flat pointed. Clay fittings in 1:3 mortar benching. 600x450 cast iron frame & cover. Alternatively use Osma preformed IC all to manufactures spec (only on private non shared drains). Drains shown on drawings are estimated and are to be confirmed on site before any work commences.

SURFACE WATER

112 dia PVC gutters. 68 dia PVC downpipes. Surface water downpipes connected to soakaway minimum 5 metres from any building. Volume of 1 cubic metre per 16.5 square metres of roof area served. Fill with hardcore.

- (S) SELF CONTAINED MAINS OPERATED INTERLINKED OPTICAL SMOKE DETECTOR SYSTEM IN ACCORDANCE WITH BS6838 OR BS6846. ALARMS TO HAVE BATTERY BACK UP. DETECTORS 300mm FROM WALLS
- (H) HEAT DETECTOR INTERLINKED WITH SMOKE DETECTORS

ALL FIRE DOORS TO BE FITTED WITH INTUMESCENT STRIPS TO DOOR OR FRAME. 3no 100mm STEEL BUTT HINGES WITH MELTING POINT IN EXCESS OF 800 DEG C

22 NORWICH ROAD NORTHWOOD HILLS MIDDx HA6 1NB

LOFT CONVERSION

JAMES RUSH ASSOCIATES LTD

54 JOINERS LANE CHALFONT ST PETER
BUCKINGHAMSHIRE SL9 0AT TEL: 01923 775 761
EMAIL: jamesrush@hotmail.com

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SCALE 1:50 / 1:100 @ A1

MAY 2020

DRG No. 2117.4

BOUNDARIES ESTIMATED AND TO BE CONFIRMED ON SITE. ALL NEW WORKS TO BE CONTAINED WITHIN TRUE BOUNDARIES UNLESS STATED OTHERWISE ON PLAN. ALL NEW WORK TO COMPLY WITH CURRENT BUILDING REGULATIONS. DIMENSIONS IN MILLIMETRES AND TO BE CONFIRMED ON SITE. ALL STEEL DIMENSIONS TO BE CONFIRMED ON SITE AND NOT BE TAKEN FROM STRUCTURAL CALCULATIONS. ALL DRAINS & TREES ARE ESTIMATED AND ARE TO BE CHECKED & CONFIRMED ON SITE BEFORE ANY WORK COMMENCES. CLIENT TO SERVE PARTY WALL ACT NOTICE BEFORE WORK COMMENCES. ALL WORK TO BE CARRIED OUT & SUPERVISED BY COMPETENT OPERATIVES. DUE TO SURVEY LIMITATIONS EXISTING JOIST SPANS ASSUMED UNTIL CONFIRMED ON SITE. ALL WALLS & PARTITIONS TO BE CONSIDERED LOADBEARING UNTIL OPENED UP ON SITE AND CHECKED BY COMPETENT PERSON TO CONFIRM OTHERWISE. MUST BE CONFIRMED BEFORE ANY WORK COMMENCES. IF STRUCTURAL ENGINEERS DESIGN RELATING TO STRUCTURAL ELEMENTS CONTRADICTS ARCHITECTURAL DRAWINGS SPEC - ENGINEERS DESIGN PREVAILS. THIS DRAWING IS FOR PLANNING & BUILDING REGULATION APPLICATION PURPOSES ONLY. BUILDIER/CLIENT TO APPOINT CDM CONSULTANT TO ENSURE WORKS COMPLY WITH CDM REGULATIONS BEFORE WORK COMMENCES. SINCE WE HAVE NO ACCESS TO THE DEEDS OF THE PROPERTY IT IS THE RESPONSIBILITY OF THE CLIENT TO ENSURE THAT THE WORKS DO NOT CONTRAVENE ANY RESTRICTIVE COVENANTS CONTAINED IN THE DEEDS.