

ROOF CONSTRUCTION (GENERALLY / ALL AREAS):-
 TRUSSED RAFTERS BY H&S TIMBER SYSTEMS LTD. TRUSS MANUFACTURER TO PROVIDE DESIGN CALCS PRIOR TO WORKS COMMENCING

ROOF COVERINGS - (PITCHED, TILED)
 TILES TO MATCH MAIN ROOF (SALVAGED FROM EXISTING REAR PORTION) LAID AT MIN 100mm LAP ON 40x25 TREATED BATTENS ON UNTEARABLE BREATHABLE FELT ON RAFTERS

ROOF INSULATION (GENERALLY):-
 200mm THICK ROCKWOOL TO BE LAID BETWEEN CEILING JOIST MEMBERS WITH A FURTHER 100mm LAID ABOVE & OVER (300mm TOTAL)

ENSURE ROOFING INSULATION IS LINKED TO THE CAVITY WALL INSULATION AT EAVES LEVEL AROUND WHOLE PERIMETER OF NEW WORKS

NOTE: ROOF FELT TO BE OF A BREATHABLE MEMBRANE TYPE, ALLOWING ADEQUATE VENTILATION TO ROOF VOID

RAFTERS STRAPPED TO END WALLS WITH 30x50mm STRAPS @ 2m CTRS TO EXTEND ACROSS 3 TIMBERS TO WALLPLATES AND BLOCKWORK

ALL IG LINTOLS FORMING OPENINGS ARE TO BE FULLY INSULATED

HIGH LEVEL GUTTERS - UPVC TO MATCH EXISTING ON UPVC FASCIA AND SOFFITS. NEW R/W PIPES TO BE 65mm DIA. RW PIPES & GUTTERS TO MATCH EXISTING (APPEARANCE)

100x75 S.W. WALLPLATES THROUGHOUT STRAPPED TO WALL @ Max 1200mm c/c WITH 30x5 MS ANCHORS. CAVITIES CLOSED AT TOP WITH INCOMBUSTIBLE MATERIAL

FIRST FLOOR CONSTRUCTION:-

22mm T&G BOARDS ON 50x150mm C16 TIMBER JOISTS AT 600 CENTRES WITH 12.5mm PLASTER BOARD & 3mm SKIM (MIN 10x9/m) UNDER, PROVIDING ADEQUATE SOUND INSULATION AND 30MIN FIRE RESISTANCE

NOTE: ANY JOISTS SITUATED BELOW TIMBER STUDDING ABOVE ARE TO BE DOUBLED UP

NOTE: FLOOR JOISTS TO BE FULLY MASTIC SEALED WHERE BUILT INTO BLOCKWORK

NOTE: STUCCOING TO BE PROVIDED TO FLOOR JOISTS WHERE SPAN IS GREATER THAN 2.5m

WALL CONSTRUCTION (GENERALLY):-

300mm THK CAV. WALL, 100mm FACING BRICK EXT WITH 100mm FULLY FILLED CAVITY WITH 100mm THK DRYTERM CAV WALL INSULATION, 100mm MEDIUM DENSITY INTERFUSE OPTIPLYTE BLOCK INNER SKIN ALL TO PROVIDE U VALUE OF 0.27w/mik

WALL TIES TO BE SPACED @ 750 X 450mm, AND ARE TO BE NO MORE THAN 300mm APART VERTICALLY WITHIN 225mm OF ALL REVEALS

JN6, COURSE ENG. BRICKS PROVIDED AS DPC TO OUTER LEAF, ENSURE CAV FILL UP TO 225mm OF DPC PROVIDE FIRE RATED CAVITY CLOSERS TO ALL NEW APERTURES

FOUNDING CONSTRUCTION:-

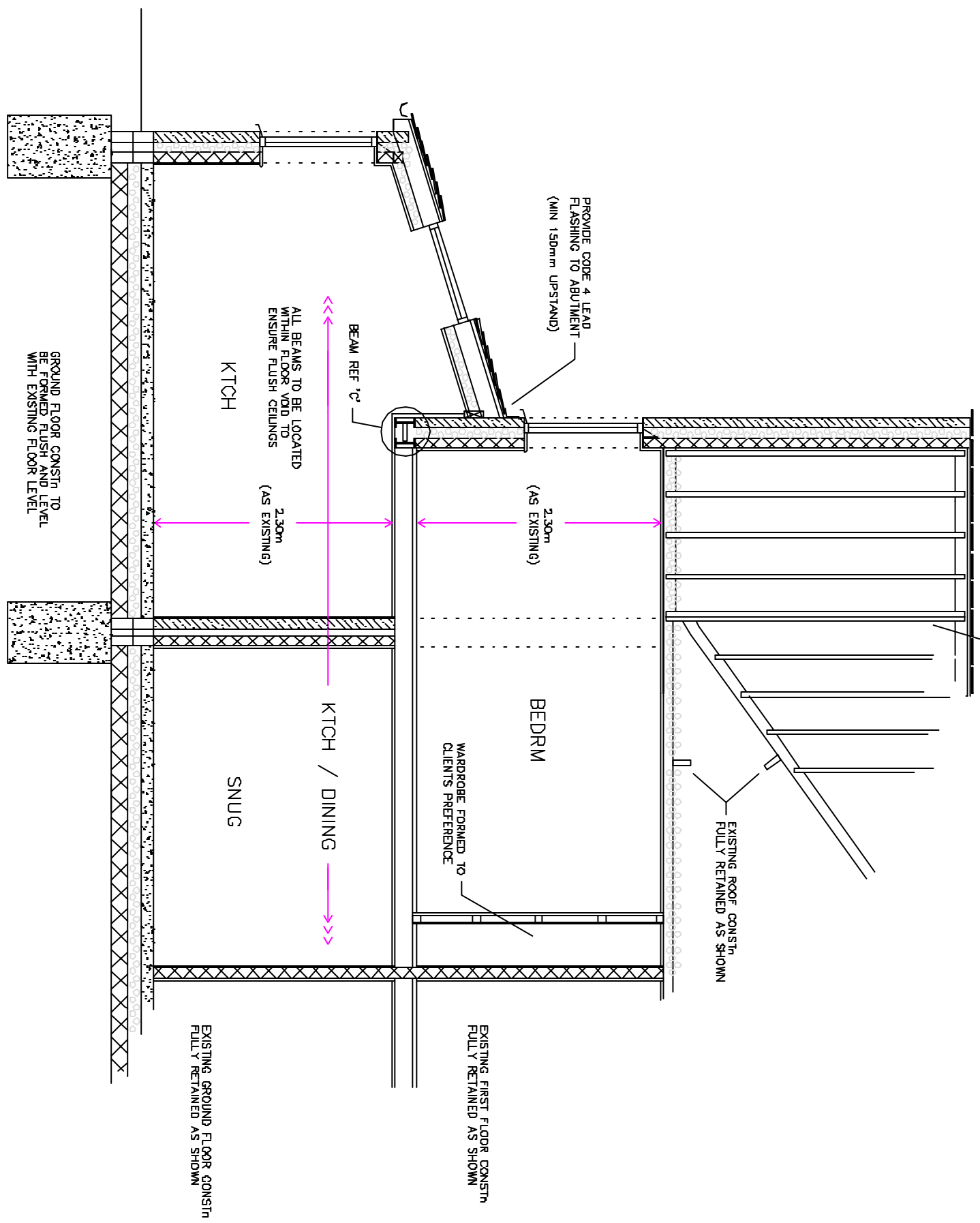
FOUNDATIONS - 600x600 CONC @ MINIMUM 1000mm DEPTH, DEPTH & WIDTH TO BE DETERMINED ON SITE TO SUIT GROUND CONDITIONS.

FOUNDATIONS ADJACENT TO DRAINS SHOULD BE AT A DEPTH EQUAL TO THE INVERT LEVEL OF THE DRAIN OR AT SUCH OTHER DEPTH AS THE GROUND CONDITIONS DICTATE

GROUND FLOOR CONSTRUCTION:- (U VALUE=0.22w/mik)

100mm CONCRETE SLAB ON 150mm POLYETHYLENE FLOOR SPEC. INSULATION WITH 1200g POLYTHENE D.P MEMBRANE ON 150mm HARDICORE (BLINDED)

NOTE: FLOOR INSULATION TO BE RETURNED UP THE FACE OF THE WALLS AT THE PERIMETER OF THE FLOOR SLAB



PROPOSED SECTION

PROVIDE TIMBER GROSSER TRUSS TO SUPPORT EXISTING RAFTERS & NEW ROOF STRUCTURE OVER.
 TRUSS BY H&S TIMBER SYSTEMS (OR SIM APP) WITH DESIGN CALCS TO BE PROVIDED PRIOR TO WORKS COMMENCING

EXISTING FIRST FLOOR CONSTR FULLY RETAINED AS SHOWN

EXISTING GROUND FLOOR CONSTR FULLY RETAINED AS SHOWN

HOMEP LANS

TITLE		PROPOSED EXTENSION & ALTERATIONS.	
DRAWN BY		MR. A. BROWN	
SITE ADDRESS		B4 LAWNWOOD AVENUE, ELKESLEY, RETFORD, DN22 8AE	
FOR:		MR & MRS COODE	
SCALE		1:50 @ A3	
DATE		FEB 2021	
DRG. NO.		001/6.	