

BUILDER TO CHECK DIMENSIONS AND DETAIL SHOWN, ON SITE PRIOR TO COMMENCING WORK AND MATERIAL TO BE APPROVAL AND BRITISH STANDARDS. EXACT LOCATION AND NATURE OF DRIANS TO BE DETERMINED DURING CONSTRUCTION.

FOUNDATION:
TO BE 600 X 200MM. GRADE 15 (4:2:1 MIX. CONC.) BASED ON FIRM GROUND A MINIMUM 1000MM BELOW GROUND LEVEL AND AGREED WITH L.A. BUILDING CONTROL OFFICER. FOUNDATION WILL BE TAKEN BELOW INVERT LEVEL. OF ANY DRAIN WHITH IN 1000mm OF THE EXCAVATION.

EXTERNAL WALLS:
300mm OUTERWALL 100MM FACING BRICKWORK TO BE MATCH EXISTING 100mm RUCWOOL CAVITY INSULATION OR SIMILAR APPROVED (to achieve U - value 0.28W/msqk). 100MM THERMALITE BLOCK TO INNER WALL ALL WITH 12MM PLASTER AND SKIM TO FINISH. CAVITY WALL TO BE TIED TOGETAHER USING STAINLESS STEEL TIE BS 1243 : 1978 PROVIDED AT 450MM CRS HORIZONTAL & VIRTICALY. NEW BRICKWORK TO BE BLOCK BONDED TO EXISTING CAVITY TO SEALED AT ROOF JOIST LEVEL, BRICK ON EDGE BRICKWORKCAVITY EXTENTED 225MM BELOW DPC LEVEL, REMAINDER TO BE CONCRETE FILL. SEMI-ENGINEERING BRECKWORK TO BS3921-1974 BUILT IN 1: 3 TO BE USED BELOW DPC LEVEL

LATERAL RESTRAINT TO WALL:
WALL SHOULD BE STRAPPED TO FLOORS ABOVE GROUND LEVEL @ NOT MORE THAN 2m CRS USING GALVANISED MILD STEEL, OR DURABLE METAL STRAPS 30mmX5mm CROSS SECTION.

DAMP PROOF COURSE:
TO BE ASTOS OR SIMILAR APPROVED TO BS743:1970. PROVIDED A MINIMUM 225MM ABOVE GROUND LEVEL. VERTICAL DAMP PROOF COURSE TO BE PROVIDED TO ALL OPENINGS IN CAVITY WALL.

FLAT ROOF:
12MM DEEP CHIPPINGS TO 3-LAYER BUILT UP ROOFING FELT, HOT BEDED TO BS747 TO 19MM THK. GRADE 3 TONGUE & GROOVED MOISTURE RESISTANT CHIPBOARDS LAID AT 1:60 FALL (SEE PLAN FOR REDUCING STRIP) TO S/WOOD GRADE G.S. ROOF JOIST TO SECTION AT 450MM CRS. DUCH ROOF:

RAFTERS TO BE 175X50mm C24 TIMBER (Rafter span 4.0m) o AT 400MM C.R.S. TILES @ 22.

RAFTERS 150X50mm C24 TIMBER (Rafter span 3.46m More than 22°) AT 400MM C.R.S. TILES @ 22.°

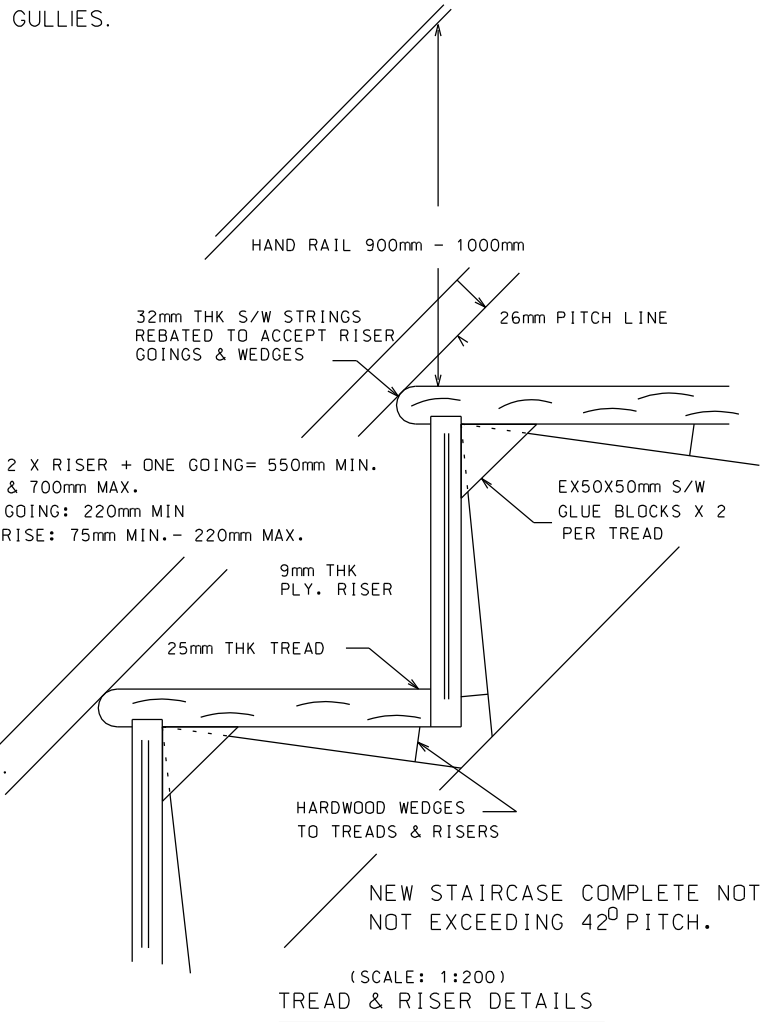
ADDITIONAL RAFTERS 150X50mm C24 TIMBER TO BE FIXED ALONGSIDES EXIST. RAFTERS MIN 50mm AIR GAP OVER INSULATION TRISO-SUPER 10 FOIL INSULATION UNDER RAFTERS 25mm thk SC3 SW BATTENS OVER 30mm INSULATION OR 125mm CELOTEX INSULATION ACHIEVE U-VALUE 0.18w/msqk FIT BETWEEN RAFTERS 12 .5mm FOIL BACK PLASTER BOARD FIXED ON 1200g D.P.M & SKIM. REAR VELUX ROOF LIGHT 1140X1180 AA FIRE RATED DOUBLE GLAZED PANEL

FLAT ROOF (WARM DECK)
12mm DEEP CHIPPINGS TO 3-LAYER ROOFING FELTS, HOT BEDDED TO BS747 TO 18mm ON TOP OF INSULATION & 12.5mm FIXE ON TOP OF JOISTS WEATHER RESISTANT-PLYBOARD LAID AT 1:60 FALLS TO SOFTWOOD (MAX. SPAN 3.89m) CEILING JOIST TO BE 170X47mm C24 TIMBER @ 400 C.R.S EVERY JOIST MUST NOT EXCEED 400mm. INSULATION LAID ABOVE JOISTS CELOTEX 150mm U-VALUE 0.16w/msqk OR SIMILAR BOARD FIXED ON 1200g D.P.M & SKIM.

150X19MM FACIA BOAR DBLACK U.P.V.C SQ. LINED GUTTER & DOWN PIPE FIXED WITH BRACKETS.

DORMER CHECKS / PANEL CONSTRUCTION

PLAIN TILES ON SW BATTENS ON BUILDING PAPER (9mm BOARD WITHIN 1m OF BOUNDERY). ON 50X100mm STUDING @ 400mm C,R.S, 12mm BRACING. KINGSPAN 100mm THK THERMAWALL TW55 INSULATION FIXED BETWEEN S/W STUD FIXED TO WALL 12.5 FOIL BACK / FIRE RESISTANT BOARD ON 1200g BARRIER AND SKIM FINISH. D.P.M AROUND WINDOS & DOORS



SCALE	1:100		
	1:200		
DRG No	Rev		
	87-	HD1	5ND

PROPOSED LOFT CONVERSION AT,
87 NEW NORTH ROAD, EDGERTON,
HURDDERSFIELD, WEST YORKSHIRE
HD1 5ND