

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 TOGEATHER 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:

ROOF FINISH TO BE GRAMPIAN RUSSEL CONC. ROOF TILES OR SIMILAR APPROVED. FIXED IN ACCORDANCE WITH MANUF. INSTRUCTION TO 19X38MM TANALISED SOFT WOOD BATTENS UNDER SHEETING FELT ON 150X50MM S/WOOD RAFTERS @ 17.5° MIN. PITCH. PLASTER BOARDS CEILING TO BE FIXED ON 1200g POLYTHENE VAPOUR BARRIER STAPLED TO V/S OF ROOF/CELLTIMBER WALLS. ROOF TILES 100MM HEADLAP & SMOOTH FINISH.

ROOF JOIST STRAPS:
ROOF TIMBER TO BE TIED TO WALL WITH 30 X5X900MM LONG GALV. M.S. STRAPS SCREWED ALONG AND ACROSS TIMBER & TURNED DOWN MIN. 100MM INSIDE CAVITY WALL PROVIDED AT 1600MM CRS.

OPENING LIGHT:
ALL WINDOWS TO COMPLY WITH BS 644 : (EXCEPT FOR SIZES) AND TO HAVE OPENABLE LIGHT EQUIVALANT TO 1/20TH OF FLOOR AREA SERVED FOR VENTILATION PURPOSES.

STORMWATER:
TO FALL TO 100MM DIA. SQ. PVC GUTTER TO 75MM PVC DOWNPIPE DISCHAGE TP SBIG. WASTE TO BE FITTED WITH 75MM DEEP SEAL TRAPS & TO DISCHARGE TO SBIG VIA 38MM DIA. PVC WASTE WHICH IS DISCHARGE ABOVE TRAP WATER LEVEL BUT BELOW GRID LEVEL.

FACIA BOARD:
TO BE MIN. 25MM THICK AND TREATED TO SCHEDULE 5 OF BUILDING REGULATIONS. FACIA TO BE 30MM OFFSET FROM BRICKWORK FOR ROOF VENTILATION.

DRAINS:
ALL NEW DRAINS TO BE 100 DIA. HEPSLEVE PIPE LAID TO APPROXIMATE FALL OF 1 IN 40 DRAINS UNDER OR WITHIN 1000MM OF BUILDING TO HAVE 150MM CONC. BED AND SURROUND DRAINS. THE RAIN WATER PIPE DISCHARGES VIA TRAPPED GULLIES.

