

*NOTE: AS SHOWER/WC ROOM PROJECTS BEHIND OF MAIN WALL BY ADDITIONAL 300MM TIMBER OR STEEL MAY BE REQUIRED FOR ROOF FITMENT CHANGE.

50x150 (C24) RAFTERS & 50x125 CEILING JOISTS @ 400mm (MAX 3.000M CLEAR SPAN).

TIMBER RAMP DEMOUNTABLE CONSTRUCTION.

900mm RAIL WITH PLATFORM UPSTANDS

SLOPED RAMP.

FOUNDATION MIN 1000MM TO UNDERSIDE OR TO SUITABLE BEARINGS TO L.A. REQUIREMENTS.

FIT SKYLIGHT (0.15 W/M²) DOUBLE RAFTERS TO SIDE OF SKYLIGHT & HIG BOLTS, TIGHT FRAMES & 75mm SPIR WASHERS @ 600mm.

PUMP

CARRY CAVITY WALL TO NEW FOUNDATION.

CONFIRM ADEQUATE SUPPORT FOR NEW RAFTERS OR FIT 118x102x1942 UB.

GROUND FLOOR: IF SUSPENDED FLOOR SELECTED USE BLOCK & BEAM TYPE OF APPROVED MANUFACTURER.

FIT 300mm QUILT

FIT 50x125 WALL BEAMER BOLTED @ JOISTS 120x100mm CHEM ANCHORS (0.15 W/M²).

hall

RAISE LOBBY FLOOR LEVEL TO AS HALL.

CONFIRM HALL WALL EXISTING IS LOAD BEARING & HAS SUITABLE FOUNDATION.

FITCHED ROOF 120mm CELOTEX BETWEEN & 50mm BELOW RAFTERS (0.15 W/M²).

WALL PLATE TO CAVITY METAL 152x89x16-FLUTE (OR GLAZING CG TO PROVIDE LINTEL) TO PROVIDE LINTEL OR USE CATHIC.

lobby

LEVEL FLOOR TO RAMP.

FULL DRAINAGE: 75mm DEEP ANTI-VAC TRAPS TO 50mm DIA PIPES (PVC) TO 100mm SUP RUN TO 100mm DIA DRAINS IN 300mm FEA GRAVEL SURROUND AT 1850 FALL TO THE. SUPS TO RISE TO MIN 900mm ABOVE HIGHEST OPENING WINDOW POINT AND HAVE BIRD CAGE FILTER DRAINS TESTS TO BE AT SURFACE WATER: 100mm H/R GUTTERS TO 75mm DIA PIPES TO GULLYS TO 100mm DIA DRAINS IN 50mm PEZ GRAVEL SURROUND A 1:80 FALL TO MIN 1.000M VOL. SOAKAWAY AT MIN 5.000M FROM BUILDINGS AND CONSTRUCTED TO RECOMMENDATION OF BRE PICEST 365.

1850 AT AS

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Proposed Work:

FITCH ROOF EXTENSION & LOBBY CONVERSION & RAMP.

FOUND: ALL FOUNDATIONS TO U/S FRANK OR TO SURFACE BEARING TO L.A. REGULATIONS REQUIREMENTS. NOTE: PROXIMITY OF DRAINS, TREES ETC, MAY REQUIRE DEEPER OR DIFFERENT FOUND SOLUTIONS. EXISTING FOUNDS TO BE EXPOSED ON SITE BY CONTRACTOR TO DETERMINE SUITABILITY FOR ANY NEW LOADS. PROVIDE STRIP FOUNDATIONS OF 600x100mm DEEP 350mm W/ 25mm CONCRETE TO CAVITY WALLS & 450x100 DEEP TO INTERAK WALLS (100mm). CLIENTS ARE ADVISED TO HAVE A DRAIN SURVEY & SOIL TEST UNDERTAKEN PRIOR TO COMMENCEMENT.

WALLS: ALL BRICK & BLOCK WALLS TO BE 75mm STRENGTH IN APPROPRIATE STRENGTH MORTAR. BELONG TO USE 100mm SKINS OF DENSE CONCRETE BLOCK WITH 50mm STAINLESS STEEL TIES PER M² WITH LEAN CONCRETE FILL TO CAVITY OF 100mm WIDTH. ABOVE IS 100mm FACING STONE BRICK OR 100mm DENSE BLOCK WITH 13mm WATERPROOF RENDER. 100mm CAVITY WITH APPROVED STAINLESS STEEL TIES @ 1000mm (VERT) & 450mm (HORZ) TIES TO BE 200mm LONG & STAFFIX RT2 TYPE TO SUPPORT CELOTEX OR KINGSPAN 90mm TIE WITHIN 100mm CAVITY 100mm THERMALITE SHIELD BLOCK UNDER LEAF WITH PLASTER DASS FIXING TO 12.5mm GYPROSE WALLBOARD INTERNALLY.

WALLS MUST: *ACHIEVE 0.15 W/M² VALUE. LINTELS: CATHIC INSULATED METAL LINTELS, SIZED TO MANUFACTURERS DETAILS & BEARING 150mm AT ENDS. PROVIDE BRE OVER HEAD OF LINTEL. DRS: 2000 GAUGE, NON-SLIP PLASTIC DRS TO WALLS SET AT 150mm ABOVE & 225mm ABOVE CAVITY FILL. LINK DRS TO DPM OF FLOOR.

ROOF: TIES TO MATCH EXISTING IN COLOUR AND STYLE ON SOX 50mm PATTERNS (PRE-SAVED) ON PROTR ROOF SHEETING SHEETING FITTED TO MANUFACTURERS DETAILS OVER 50x150 RAFTERS @ 400mm (C24) AND 50x125 JOISTS @ 400mm (C24) AS REQUIRED PROVIDE 5x30x14mm GALV METAL STRAPS @ 1.800M BUILT IN OVER BLOCKWORK AND SECURE TO ROOF TIMBERS & JOISTS. ACHIEVE 0.15 W/M². INSULATION TO SLOPED CEILING'S 120mm CELOTEX BETWEEN RAFTERS AND 50mm BELOW WITH 50mm AIR GAP ABOVE INSULATION. FIT FOIL BACKED PLASTERED FINISH & 2THK SKIN. TRADITIONAL ROOF FIT 100mm ROCKWOOL BETWEEN @ 100mm ABOVE CEILING JOISTS. FIT 50x100 PRE-SAVED TIMBER WALL PLATE BEDDED IN GULLY AND SECURED TO WALL USING 5x30x100mm ANGLE STRAPS @ 1.800M.

PROPOSED EXTENSION AT: C. GREENWOOD AVE ALVESTON BS35 3RH.

Plans: Section E: CARTWRIGHT FLOOR CONSTRUCTION & DESIGN 07800505412. 1:50 APRIL 2024 5