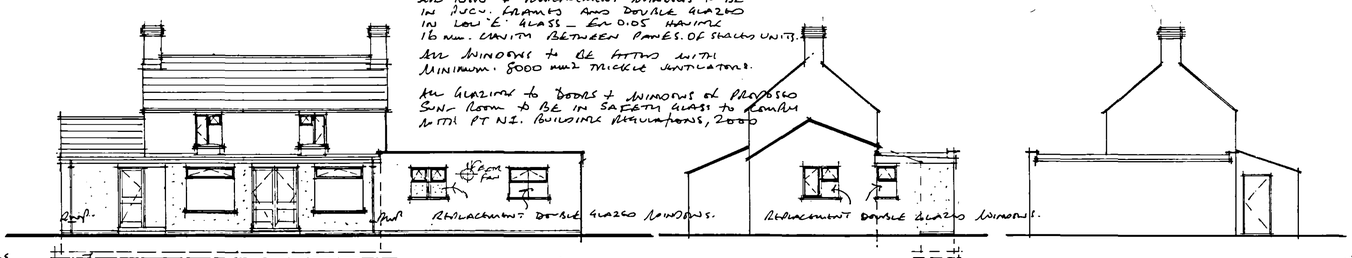
Doc 5.

ALL NEW + REPLACEMENT WINDOWS TO BE IN PVCU. FRAMES AND DOUBLE GLAZED IN LOW 'E' GLASS - EN 0.05 HAVING 16 mm. CAVITY BETWEEN PANES. OF SEALED UNITS.

ALL WINDOWS TO BE FITTED WITH MINIMUM. 8000 mm² TRICKLE VENTILATORS.

ALL GLAZING TO DOORS + WINDOWS OF PROPOSED SUN ROOM TO BE IN SAFETY GLASS TO COMPLY WITH PT N1. BUILDING REGULATIONS, 2000



DEPTH AND DETAILS OF FOUNDATIONS SUBJECT TO INSPECTION OF EXCAVATIONS BY BUILDING CONTROL INSPECTOR. AND THEIR ASSOCIATED INSTRUCTIONS.

• REAR ELEVATION AS PROPOSED. • WEST ELEVATION AS PROPOSED. • EAST ELEVATION (UNALTERED).

NEW FLAT ROOF TO COMPRISE :—

POLYROOF 185 WARM ROOF SYSTEM CARRIED OUT IN ITS ENTIRETY BY A REGISTERED POLYROOF CONTRACTOR OF :—
POLYROOF ABS MEMBRANE IN SELECTED COLOUR AND INCLUDING ALL ASSOCIATED EAVES, VERGE AND ABUTMENT TRIMS AND WITH FILLET, ISO UPSTANDS AND LODE H LEAD FLASHINGS AT REAR WALL + EXISTING TILED ROOF ABUTMENTS.
18 mm BCX PLYWOOD TO RECEIVE + INCLUDING POLYROOF 185 ON KINGSPAN THERMAROOF TR26 INSULATION DECK. 1200 G. VISQUEEN VAPOUR BARRIER ALL JOINTS TO LAP MIN. 450 mm
18 mm BCX SHUTTERING PLYWOOD TO GIRDERS
SOFTWOOD GIRDERS TO FALL MIN. 1m SO
47 x 147 SC3. SOFTWOOD JOISTS AT 400 mm CENTRES TRIMMED OUT FOR + INCLUDING 2 NO. TWIN SKIN FIXED DUCTUS DOMES.

112 B. OSMA GUTTER + 68 B DOWNPIPES. PVCU. OR SOFTWOOD FASCIA. ON. 50 x 25 DRIP BATTENS.

PROPOSED SUN-ROOM.

EXISTING BEDROOM.

EXISTING LOUNGE.

LININGS + MECHANICS TO DUCTUS DOMES.

EXISTING LOBBY.

75 x 100 Sw. WALL PLATE WITH 30 x 5 MS ANCHORS AT MAX 2 METRES CENTRES.
12.5 mm PLASTERBOARD + SKIM CEILING. MINIMUM 10 kN/m² OVER EXISTING CEILING BOARDS

• SECTION A-A •

JOISTS TO STOP AT EXTERNAL FACE OF WALL PLATE. DECKING + GIRDERS TO CONTINUE TO FASCIA LINE.

30 x 5 GALV. M.S. ANCHORS MAX. 2 m. CRS.

POLYROOF 185 LAPPED OVER ABUTMENT BETWEEN NEW + EXISTING FLAT ROOFS.

DUCTUS DOME.

DUCTUS DOME.

JOIST ENDS BUILT 100 mm INTO WALL OR TO GALVANISED JOIST HANGERS (CDC MIXED).

30 x 5 GALV. M.S. LATERAL RESTRAINT STRAPS + NOGGINGS.

NEW FLAT ROOF STRUCTURE.

700 x 225 (1:3:6) CONC. FOUND. TO ENG.

SUBSTRUCTURE WALLS TO COMPRISE :—
2 NO LEAVES 100 mm THERMALITE SHIELD 2000 BLOCKS IN CEMENT MORTAR WITH 75 mm CAVITY.

SUPERSTRUCTURE WALLS TO COMPRISE :—
2 NO LEAVES 100 mm THERMALITE SHIELD 2000 BLOCKS WITH 75 mm CAVITY FULLY FILLED WITH CROWN DRITHERM INSULATION BATTS. LEAVES OF CAVITY INSULATED TIED TOGETHER WITH STAINLESS STEEL CAVITY TIES AT 900 HORIZ. CENTRES + 450 VERTICAL CENTRES.

DRITHERM / VERTICAL DAM / CAVITY TRAYS TO BE INSERTED AT ALL WINDOW + DOOR REVEALS.

NEW WALLING TO BE BONDED TO EXISTING AT ALL ABUTMENTS WITH 'HURK' BONDING PROFILES.

LINTELS OVER ALL OPENINGS TO COMPRISE CATNIC CONCRETE CC57.0/100 WITH MINIMUM 150 mm. END BEARINGS.

ALL NEW WALLING TO BE RENDERED + STEPPED EXTERNALLY TO MATCH EXISTING.

OVERLAP + SEAL NEW POLYROOF AREA OF ROOF TO EXISTING OR REPLACEMENT PITCH ROOF OVER GARAGE.

AREA OF FLAT ROOF OVER PROPOSED BEDROOM, BATHROOM + LOBBY TO BE REROOFED WITH POLYROOF 185 WARM ROOF SYSTEM COMPLETE OVER EXISTING JOISTS ALL AS DESCRIBED FOR NEW EXTENSION (TOP LEFT OF THIS DRAWING).

EXISTING BEDROOM.

EXISTING BEDROOM.

EXISTING WINDOWS TO BE CHECKED FOR COMPLIANCE WITH BUILDING REGULATIONS, 2000 PART B1 CLAUSE 2.11(a) MEANS OF ESCAPE AND ALTERED OR REPLACED IF NECESSARY.

MAINS / BATTERY SMOKE ALARM.

EXISTING RAFTERS + CEILING JOISTS TO BE CUT BACK + MADE GOOD TO SUIT. SLATES TO BE ADJUSTED.

EXISTING SLATES TO BE REMOVED + REUSED OVER NEW BATTENS AND 'TYVEK' BREATHABLE UNDERLAY.

ELECTRICAL INSTALLATION + WORKS

ALL ELECTRICAL WORKS ARE TO BE DESIGNED, INSTALLED, TESTED + CERTIFIED BY A COMPETENT PERSON QUALIFIED TO DO SO AND IN FULL COMPLIANCE WITH PART 'P' OF THE BUILDING REGULATIONS, 2000.

FLOOR OF NEW EXTENSION TO COMPRISE :—

50 mm. 1:3 CEMENT / SAND TOPPING
100 mm. 1:2:4 (19m) OVER SITE CONCRETE.
50 mm. CELOTEX TYPE R ZERO 9R3050Z. INSULATION.
1200 G. POLYTHENE MEMBRANE ALL JOINTS LAPPED 450 mm + TURNED UP TO FLOOR FINISH AT ABUTMENTS

MIN. 150 mm CONSOLIDATED HARDCORE BLINDED WITH SAND.

VERTICAL CELOTEX GA3020Z AT EXTERNAL WALL ABUTMENTS UP TO FLOOR LEVEL.

• FIRST FLOOR PLAN AND SINGLE STOREY ROOF PLAN •

REMOVE EXISTING FOUNDATIONS + SUB-STRUCTURE WALLS (IF OBSTRUCTING NEW EXCAVATIONS).

TIMBER LEAN-TO STORE TO BE REMOVED.

STEEL TREE TO BE REMOVED.

CONSERVATORY.

LARDER.

EXISTING GARAGE.

EXISTING CONCRETE FLOOR.

EXISTING CAVITY ENDED STEEL BEAM OVER.

LOUNGE.

DINING ROOM.

KITCHEN.

LOBBY.

BATHROOM.

150 HIGH x 100 WIDE IN SITU CONCRETE KERB.

DETAIL X-X (VERTICAL SECTION)

• GROUND FLOOR PLAN AS EXISTING •

LOW VOLTAGE EXTRACTOR FAN WITH TRANSFORMER MIN. 15 LITRES / SECOND

'SANIFLO' MACERATOR + BASIN WASTE DISPOSAL UNIT WITH OUTLOOP PIPE TO EXISTING SEPTIC TANK SYSTEM.

• FRONT ELEVATION AS PROPOSED •

RWP.

CENTRE OF WINDOW.

NEW DOOR + FRAME.

BATH ROOM.

MAINS / BATT. SMOKE ALARM.

LOBBY.

BATH FLOOR.

EXISTING CEILING TO BE CHECKED AND IF NECESSARY REPLACED WITH 12.5 mm. 'FIRELINE'

SINGLE GARAGE RETAINED.

800 mm WIDE DOORS.

BEDROOM.

OPENING AREA OF DOORS + WINDOWS EXCEED 5% FLOOR AREA OF SUN ROOM, LOUNGE + DINING ROOM.

SUN ROOM.

PORCH

RWP.

TO I.C. + SEPTIC TANK.

LARDER.

EXISTING WINDOW OPENING AREA MIN. 5% OF LOUNGE FLOOR AREA.

EXISTING WINDOW + DOOR OPENING AREA MIN. 5% OF DINING ROOM FLOOR AREA.

LOUNGE.

DINING ROOM.

KITCHEN.

FLOOR TO BEDROOM, BATHROOM + LOBBY TO BE RAISED 120 mm COMPRISING 70 mm 1:3 CEMENT SAND SCREED REINFORCED A98 FABRIC.
50 mm CELOTEX
1200 G. POLYTHENE MEMBRANE ALL JOINTS TO OVERLAP MIN. 450 mm + TURNED UP TO FLOOR LEVEL AT ROOM ABUTMENTS.

MAINS / BATTERY SMOKE ALARM.

ALL SMOKE ALARMS TO BE LINKED TOGETHER + CONNECTED TO MAINS ELECTRICITY CONSUMER UNIT.

LOBBY

BATHROOM.

RAINWATER TO DISCHARGE INTO NEW SOAKAWAY(S) MINIMUM 5 METRES FROM BUILDINGS. VIA 8 mm PIPE.

NEW STUD PARTITION WALLS TO COMPRISE :—
50 x 100 VERTICAL STUDS AT 400 mm CENTRES MAX.
50 x 100 SOLE PLATE (OVER CONTINUOUS 150 HIGH x 100 WIDE IN SITU CONCRETE KERB TO PARTITION BETWEEN GARAGE + BEDROOM / BATHROOM)
50 x 100 HEAD MINIMUM + MID-HEIGHT NOGGINGS.
VERTICAL STUDWORK FORMING PARTITION WITH GARAGE TO BE FULLY FILLED + TIGHTLY FITTED WITH 2 NO LAYERS CELOTEX GA3050Z TUFF R ZERO TIMBER FRAME WALL SHEATHING
REMAINING PARTITIONS TO FORM BATHROOM + LOBBY TO BE FILLED WITH CROWN 75 INSULATION QUILT.
PARTITION FACE IN GARAGE TO BE FINISHED 12.5 mm 'FIRELINE'
REMAINDER FACED 12.5 mm. PLASTERBOARD + SKIM.
ALL PARTITIONS TO INCLUDE DOOR OPENINGS. DOORS. ARCHITRAVES + SKIRTINGS. ETC.

• GROUND FLOOR PLAN AS PROPOSED •

• PROPOSED ALTERATIONS + EXTENSION TO "WILLOW COTTAGE" • BROAD DROVE • GOSBERTON CLOUGH • SPALDING • LINCS • for • MS. C.E. GODDING •

• DRAWING NO. 04/172/11 • SCALES. 1:50 AND 1:100 • JULY 2005 •

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