

Front
NEW WINDOWS TO BE SAGE GREEN TO MATCH EXISTING
Proposed Elevations (scale 1:100)

DOTTED LINES SHOWN THUS DENOTES EXTENT OF EXISTING WALLS TO BE DEMOLISHED

NOTE: ALL STEEL BEAMS, STEEL POSTS, BOX SECTIONS AND ASSOCIATED CLEATS ARE TO BE DESIGNED AND DETAILED BY THE STRUCTURAL ENGINEER AND DETAILS PASSED TO BUILDING CONTROL PRIOR TO WORKS STARTING ON SITE.

NOTE: ALL THE EXISTING STRUCTURE INCLUDING FOUNDATIONS, BEAMS, LINTELS, WALLS CARRYING NEW AND ALTERED LOADINGS ARE TO BE EXPOSED AND CHECKED FOR ADEQUACY BY ENGINEER PRIOR TO COMMENCEMENT OF WORK AS AS REQUIRED BY BUILDING CONTROL

ENGINEER REQUIRED TO CHECK STRUCTURAL DESIGN AND PROVIDE DETAILED SUPPORTING MEASURES, CALCULATIONS AND SPECIFICATIONS OF ALL STRUCTURAL ELEMENTS.

FULLY TOOTH IN EXISTING BLOCKWORK AND BRICKWORK IN THE LOCATIONS THAT TIE THE NEW EXTENSION TO THE OLD. ALSO TIE IN THE EXISTING FOUNDATIONS WITH 2No. x 16mm dia DOWEL BARS (450mm LONG) WITH 150mm EMBEDMENT - ENGINEER TO CONFIRM ALL SPECIFICATIONS

NOTE: MAINTAIN CAVITIES WHERE NEW EXTENSION MEETS EXISTING

NEW STUDWALLS ARE TO BE FITTED WITH A SOUND ABSORBENT MATERIAL WITH A DENSITY OF 10kg/m³ WITHIN. PARTITIONS TO HAVE A MINIMUM OF 25mm INSULATION.

PROVIDE 10mm GAP TO THE BOTTOM OF ALL DOORS

ENERGY EFFICIENT LIGHTING CAPABLE OF PROVIDING A LUMINOUS EFFICIENCY OF NOT LESS THAN 45 LUMENS PER CIRCUIT WATT TO 75 PERCENT OF NEW LOCATIONS

NOTE: BUILDING CONTRACTOR TO CONFIRM TO BUILDING INSPECTOR THE SIZE OF GUTTERS AND DOWN PIPES TO BE USED

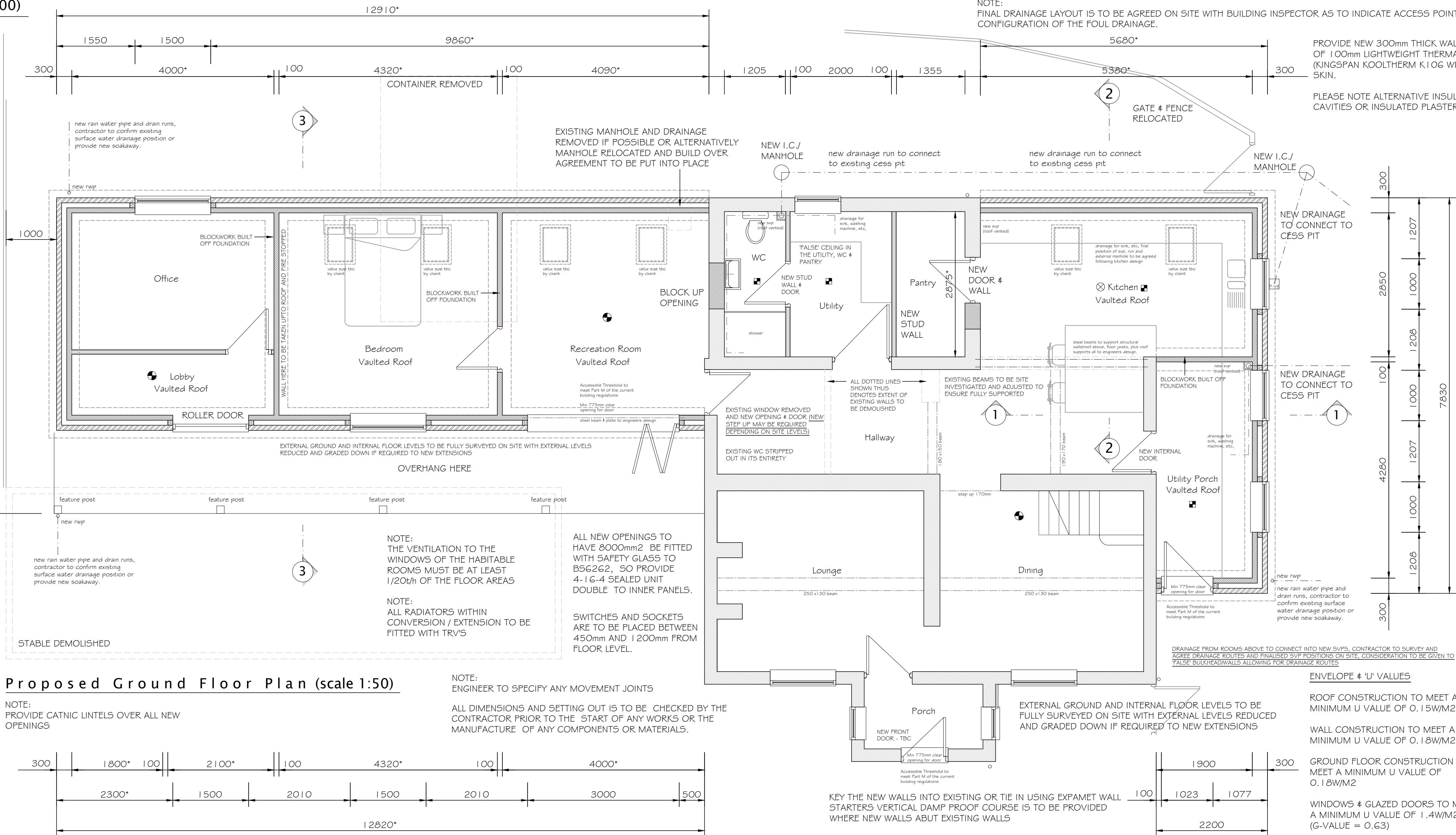
ALL RWP POSITIONS ARE TO BE CONFIRMED BY BUILDING CONTRACTOR TO BUILDING INSPECTOR ON SITE

NOTE: ANY DEVIATION FROM PROPOSED INFORMATION THAT MAY EFFECT THE GENERAL DESIGN, THEN THE PRINCIPAL DESIGNER IS TO BE CONSULTED. CONTRACTOR TO LIAISE WITH ALL SPECIALISTS DESIGNERS AND ENSURE ALL REQUIREMENTS AND RECOMMENDATIONS ARE CONSTRUCTED ON SITE.

INTERNAL DECORATION & NEW DOORS, ETC TO BE AGREED BETWEEN CLIENT & CONTRACTOR

NOTE: AN ENERGY SAP CALCULATION IS TO BE PROVIDED AS THE NEW GLAZING EXCEEDS THE PERMITTED 25% OF THE FLOOR AREA

DO NOT SCALE
ALL DIMENSIONS AND SETTING OUT IS TO BE CHECKED BY THE CONTRACTOR PRIOR TO THE START OF ANY WORKS OR THE MANUFACTURE OF ANY COMPONENTS OR MATERIALS.
RAINWATER DRAINAGE
NEW GUTTERS TO BE PVCU AND ARE TO FALL INTO NEW RWP'S AND DISCHARGE INTO 100 dia "HPS/LEAF" PIPES LAD TO A MINIMUM 1 IN 40 FALL AND THENCE INTO EXISTING SURFACE WATER SYSTEM OR NEW SOAKAWAY A MINIMUM 5 METRES FROM ANY PERMANENT STRUCTURE.
NEW WALLS
EXPOSED LEAVES TO BE BRICKWORK OUTER LEAF THEN 100mm CAVITY WITH DRYTHERM O.S.A. INSULATION 100mm "HEMELITE" LIGHTWEIGHT BLOCKWORK INNER LEAF. NEW WALLS TO ACHIEVE A U-VALUE OF 0.18W/m². PROVIDE STAINLESS STEEL WALL TIES AT 750c/c's HORIZONTALLY, 450c/c's VERTICALLY AND 225c/c's HORIZONTALLY AT OPENINGS AND REVEALS. CAVITIES CLOSED AT CILLS AND JAMBS WITH DPC AND PROPRIETARY SYSTEM TO PREVENT COLD BRIDGING AND AT EAVES BELOW RAFTERS BY ONE COURSE OF BLOCKWORK WITH SAND / CEMENT BEAM FILL OVER BARRIER TO UNDERSIDE OF ROOF.
FOUL WATER DRAINAGE
100 dia. WASTE TO W.C.'s, 32 dia. WASTE AND ANTI SIPHON TRAP TO HAND BASINS, 40 dia. WASTE TO SHOWERS / BATHS ALL TO HAVE 75 DEEP SEAL TRAPS AND DISCHARGING INTO 100 dia. "HPS/LEAF" PIPES LAD TO A MINIMUM 1 IN 40 FALL TO INSPECTION CHAMBER AS SHOWN IN 40 FALL TO SELF CLEANSING GRADIENT. ALL DRAINS PASSING THROUGH WALLS ARE TO BE PROTECTED BY 75x100x450 LONG P.C. LINTELS OVER. OPENINGS THROUGH THE WALL ARE TO BE MASKED BOTH SIDES WITH RIGID SHEET TO PREVENT ENTRY OF FILL OR VERMIN. ALL DRAINS PASSING UNDER BUILDINGS OR DRIVEWAYS ARE TO BE ENCASED IN 150mm MINIMUM CONCRETE.
LINTELS
ALL WINDOWS AND DOORS ARE TO HAVE CATHNIC LINTEL OR SIMILAR APPROVED OVER. ALL LINTEL SIZES ARE TO BE AGREED ON SITE BY BUILDING CONTRACTOR.
WALL STABILITY
5X30 GALVANIZED MILD STEEL ANCHOR STRAPS TO BE INSTALLED AT RAFTER LEVEL AT 1200c/c's MAXIMUM AND FIXED ACROSS 5 No. JOISTS / RAFTERS.
DAMP PROOF COURSES
ALL NEW WALLS ARE TO HAVE BITUMINOUS FELT DPC'S OR SIMILAR TO BS743 A MINIMUM OF 150mm ABOVE FINISHED GROUND LEVEL.
WINDOWS AND DOORS
ALL NEW WINDOWS TO HAVE TRICKLE VENTILATORS 6000mm² MULTIPLE FLOORS), 1000mm² SINGLE FLOORS. ALL GLAZED DOORS TO BE FITTED WITH SAFETY GLASS TO BS6262
GLAZING TO ACHIEVE A U-VALUE OF 1.4W/m² SO PROVIDE 4-16-4 SEALED UNIT DOUBLE GLAZED UNITS WITH LOW EMISSIVITY COATING TO INNER PANELS.
PITCHED ROOF
TILES TO MATCH EXISTING LAID ON 25x50 TANALISED BATTENS AT GAUGE ON UNTERABLE SARKING FELT ON RAISED TIE RAFTERS AT MAXIMUM 600mm CENTRES WITH BINDERS AND WIND BRACING ALL TO COMPLY WITH BS55268 PART 3 1985. ROOF STRUCTURE TO BE DESIGNED BY SPECIALIST MANUFACTURE AND IS TO BE SUBMITTED TO THE LOCAL AUTHORITY BEFORE COMMENCEMENT OF ANY WORKS ON SITE. 25x100 RIDGE AND CEILING BINDERS AND 25x100 RIDGE AND CEILING BINDERS AND 30x54 1000mm LONG GALVANIZED MILD STEEL STRAPS AT 3000mm CENTRES EACH WITH 6No. FIXINGS INTO MASONRY. 30x54 1500mm LONG GALVANIZED MILD STEEL LATERAL RESTRAINT STRAPS WITH 100mm TURNED DOWN INTO BLOCKWORK AND FASTENED TO RAFTERS AND CEILING JOISTS.



Proposed Ground Floor Plan (scale 1:50)

NOTE: PROVIDE CATHNIC LINTELS OVER ALL NEW OPENINGS

NOTE: ENGINEER TO SPECIFY ANY MOVEMENT JOINTS

ALL DIMENSIONS AND SETTING OUT IS TO BE CHECKED BY THE CONTRACTOR PRIOR TO THE START OF ANY WORKS OR THE MANUFACTURE OF ANY COMPONENTS OR MATERIALS.

GENERAL NOTE

ALL WORKS ARE TO COMPLY WITH CURRENT BUILDING REGULATIONS ALL MATERIALS AND COMPONENTS ARE TO COMPLY WITH CURRENT BRITISH STANDARDS AND ARE TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND CURRENT CODES OF PRACTICE. THE CONTRACTOR IS TO CHECK ALL DIMENSIONS AND DETAILS PRIOR TO THE PROCUREMENT, FABRICATION OR ERECTION OF ANY COMPONENTS AND PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS

ELECTRICAL WORKS

ALL ELECTRICAL WORK IS TO MEET THE REQUIREMENTS OF PART P (ELECTRICAL SAFETY) MUST BE DESIGNED, INSTALLED, INSPECTED AND TESTED BY A PERSON COMPETENT TO DO SO. PRIOR TO COMPLETION OF THE WORKS THE LOCAL AUTHORITY MUST BE SATISFIED OF COMPLIANCE WITH PART P THIS MAY REQUIRE AN APPROPRIATE BS7671 ELECTRICAL INSTALLATION CERTIFICATE TO BE ISSUED FOR THE WORKS BY A PERSON COMPETENT TO DO SO.

SMOKE ALARMS & HEAT ALARMS

PROVIDE SELF CONTAINED SMOKE ALARMS OR HEAT DETECTORS AS INDICATED ON PLAN, THESE ARE TO BE MAINS OPERATED TO BS5446:PART 1 AND INSTALLED IN ACCORDANCE WITH PARAGRAPHS 1.10 SEQ. OF APPROVED DOCUMENT 8 REG B.1. DETECTORS / ALARMS ARE TO BE INTERCONNECTED SO THAT THE DETECTION OF SMOKE BY ONE OPERATES THE SIGNAL IN THE OTHER

MECHANICAL VENTILATION

MECHANICAL VENTILATOR (INTERMITTENT) TO PROVIDE 3 No AIR CHANGES PER HOUR, A 15 LITRES PER SECOND CAPACITY AND A 15 MINUTE OVERUN FACILITY. UTILITY CAPACITY TO BE 30L PER SECOND, KITCHEN CAPACITY TO BE 30L PER SECOND IF IN COOKER HOOD OR 60L PER SECOND IF INDEPENDENT. BATHROOMS SUITE TO BE 15L PER SECOND AND WCs 6L PER SECOND

Revision	Amendment	Date
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Client

Project

Proposed Extensions and Alterations
Lake View, Pinder Lane
Donington
Lincolnshire

Dwg Title

Proposed Plans and Elevations

Dwg No. 222991-03

Scale 1:50
1:100

Date 09/22

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