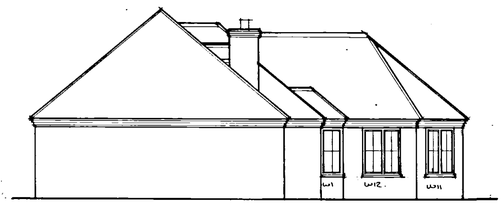


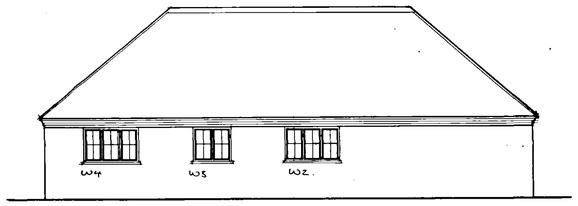

FRONT ELEVATION




SIDE ELEVATION




SIDE ELEVATION




REAR ELEVATION

## FOUL DRAINAGE.

110mm UPVC PIPES WITH FLEXIBLE JOINTS LAID TO MIN 1:60 FALLS BEDDED AND SURROUNDED WITH 20 GRAVEL CLASS B BEDDING. ALL UNDERGROUND DRAINS AND FITTINGS BY TERRAIN OR EQUAL AND TO BE INSTALLED WITH MANUFACTURE INSTRUCTIONS.

INSPECTION CHAMBERS TO BE UPVC SYSTEM TO MATCH UPVC DRAINAGE.

DRAINS BENEATH BUILDING TO BE ENCASED IN MIN 150mm CONCRETE.

DRAINS WITH LESS THAN 600mm COVER TO BE PROTECTED WITH 75mm CONCRETE.

RIGID STREET MATERIAL TO MASK 50mm CLEARANCE AROUND DRAIN OPENING IN WALLS. REINFORCED CONCRETE LINTEL ABOVE CAVITY EXISTS AND SERVICE ENTRY.

## VENTILATION

EXTRACT VENTILATION
KITCHEN TO HAVE MECHANICAL EXTRACTOR FAN WITH A MIN CAPACITY OF 60 CUBES PER SECOND OR ATTACHED HOOD WITH A CAPACITY OF 30 CUBES PER SECOND
BATHROOMS TO HAVE A MECHANICAL EXTRACTOR FAN WITH A MIN CAPACITY OF 15 CUBES PER SECOND OR 3 AIR CHANGES PER HOUR. UTILITY ROOMS REQUIRE 30 CUBES PER SECOND.
HABITABLE ROOMS TO HAVE OPENABLE VENTILATION OF 1/20TH OF FLOOR AREA OF ROOM

## FIRE PRECAUTIONS

AUTOMATIC SMOKE DETECTORS ARE TO BE POSITIONED ON CEILINGS MIN 400mm FROM ANY LIGHT FITTINGS AND TO COMPLY TO BS 5446 PART 1 1990.
SELF CONTAINED AUTOMATIC SMOKE DETECTORS ARE TO BE A MAX 7.0 METRES FROM KITCHEN OR LIVING ROOM DOOR, AND MAX 3 METRES FROM ANY BEDROOM.

## CENTRAL HEATING.

GAS FIRED CONDENSING, FAN ASSISTED BOILER WITH BALANCED FLUE, THERMOSTATIC RADIATOR VALVE TO ALL RADIATORS HOTWATER TO BE. THERMOSTATICALLY CONTROLLED

HEATING SYSTEM DESIGNED BY INSTALLER AND TO COMPLY IN EVERY RESPECT WITH BUILDING REGULATIONS

## STEELWORKS

GALVANISED STEEL LINTELS TO ALL OPENINGS IN EXTERNAL WALLS BY IG LINTELS LTD OR EQUAL WITH DPC CAVITY TRAYS AS MANUFACTURERS INSTRUCTIONS COMPLETE WITH STOPENDS AND WEEP HOLES. ALL EXTERIOR LINTELS TO BE INSULATED.
JOIST HANGERS, WALL PLATE ANCHORS AND RESTRAINT STRAPS TO BE GALVANISED STEEL BY EAT OR EQUAL
WALL TIES TO BE STAINLESS STEEL TO BS 1243.

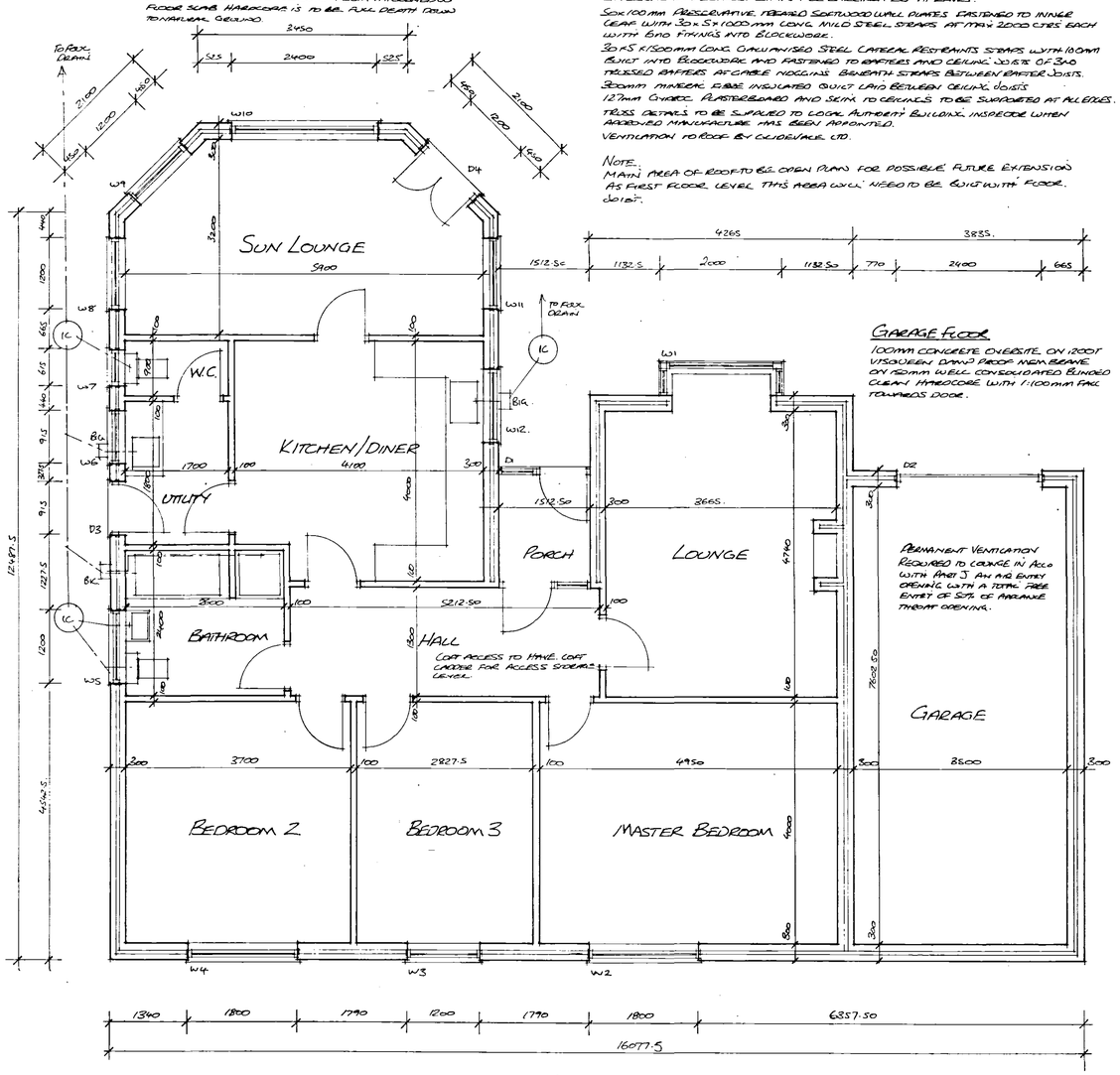
## DOORS AND WINDOWS

DOORS AND WINDOWS TO BE SELECTED BY THE CLIENT ALL WINDOWS TO BE PROTECTIVE GLAZED WITH PERFORMANCE INSULATING GLASS PILKINGTON K WITH 16mm CAVITY
FULL HEIGHT GLAZING AND GLAZING TO DOORS AND SIDE SCREENS TO BE IN ACCORDANCE WITH BS 6262 AND PART N OF THE BUILDING REGULATIONS

## SURFACE WATER DRAINAGE

PROFILED PVC-U GUTTERING AND RAINWATER PIPES TO DISCHARGE INTO GULLIES CONNECTING TO 100mm Ø SURFACE WATER DRAINS AT 1:100 FALL COMPLETE WITH INSPECTION CHAMBERS AND RODDING EYES. TO DISCHARGE TO SOAKAWAYS. GUTTERS AND DRIVEWAYS RUNNING TO SOAKAWAYS MIN STEPS FROM BUILDING OR BOUNDARY

32mm Ø WASTE AND DEEP SEAL TRAP TO WC., BASINS MAX DRAIN LENGTH 1.7m
40mm Ø WASTE TO HAND BASINS
40mm Ø WASTE AND 75mm DEEP SEAL TRAPS TO SINKS AND BATHS. + SHOWERS.
110mm Ø UPVC SOIL AND WASTE PIPE. CONCRETE WITH CONC. RADIUS BEND CONNECTION TO UNDERGROUND DRAINAGE AND WITH BEND PROOF CRAMPA INTERNAL COUPLET CONNECTION TO SOIL STACK TO BE MIN. 450mm FROM START OF BEND
SOIL VENT PIPES TO BE 100mm Ø WITH BEND CAPPED TO FINISH 900mm ABOVE. WINDOW HEAD.




GROUND FLOOR PLAN

## GARAGE FLOOR

100mm CONCRETE OVERSITE ON 1200 VISQUEEN DAMP PROOF MEMBRANE ON 150mm WELL CONSOLIDATED BLINDED CLEAN HARDCORE WITH 1:100mm FALL TOWARDS DOOR.

## FOUNDATIONS

600x225mm CONCRETE STRIP FOUNDATIONS TO CAVITY WALLS WITH 450mm TO LOAD BEARING INTERNAL WALLS.
DEPTH TO BE AGREED WITH LOCAL AUTHORITY BUILDING INSPECTOR. IF CLAY MIN DEPTH TO BE 1000mm WHERE WALLS ARE TO BE BUILT FROM TRUNCHEOUS FLOOR SLAB HARDCORE IS TO BE. FULL DEPTH DOWN TO NATURAL GROUND.

## PITCHED ROOF

ROOF TILES TO BE SELECTED BY CLIENT ON 38x25mm TANALISED TREATED SOFTWOOD BATTENS ON UNTREATED FASCIA. MEET ON 90° PITCHED TILES RAISED AT 600mm CTRS WITH BINDERS AND WIND BRACING. ALL TO COMPLY TO BS 5268 PART 3. 1985 ALL TO ALLOW FOR VOID IN ROOF.

25x100mm RIDGE AND CEILING BINDERS AND DIAGONAL WIND BRACING WITH EXTERNAL PC7 SUPPORT STRIPS FOR SPREADING FEET AT EAVES.

50x100 mm PRESERVATIVE TREATED SOFTWOOD WALL PLATES FASTENED TO INNER LEAF WITH 30 x 5 x 1000mm LONG MILD STEEL STRAPS AT MAX 2000 CTRS EACH WITH 6no FIXINGS INTO BLOCKWORK.

30 x 5 x 500mm LONG GALVANISED STEEL CATTLE RESTRAINTS STRAPS WITH 150mm BUILT INTO BLOCKWORK AND FASTENED TO RAFTERS AND CEILING JOISTS OF 3no TRUSSED RAFTERS AT GABLE NOGGINS BENEATH STRAPS BETWEEN RAFTER JOISTS.

300mm MINERAL FIBRE INSULATED QUILT LAID BETWEEN CEILING JOISTS
12.7mm GYPROC PLASTERBOARD AND SKIM TO CEILINGS TO BE SUPPORTED AT ALL EDGES.
TRUSS DETAILS TO BE SUPPLIED TO LOCAL AUTHORITY BUILDING INSPECTOR WHEN APPROVED MANUFACTURE HAS BEEN APPOINTED.
VENTILATION TO ROOF BY GLIDEVALE LTD.

NOTE:
MAIN AREA OF ROOF TO BE OPEN PLAN FOR POSSIBLE FUTURE EXTENSION AS FIRST FLOOR LEVEL THIS AREA WILL NEED TO BE BUILT WITH FLOOR JOISTS.

## SUBSTRUCTURES BRICKWORK AND BLOCKWORK.

SUBSTRUCTURES AND BLOCKWORK TO BE CLASS A 7 ON SOLID DENSE AGGREGATE CONCRETE BLOCKS LAID IN 1:3 SAND CEMENT MORTAR.

SUBSTRUCTURE BRICKWORK BELOW DPC TO BE LAID IN 1:3 CEMENT SAND MORTAR TO MATCH COLOUR OF MORTAR IN FACING BRICKWORK.
LEAN MIX CAVITY FILL AND DRYTHERM CAVITY INSULATION TO ENSURE NO COLD BRIDGING.

## EXTERNAL WALLS

102.5mm FACING BRICKS TO BE SELECTED BY CLIENT AND APPROVED BY LOCAL AUTHORITY PLANNING DEPT
100mm CAVITY WITH 100mm ONEN'S CORNING INSULATION BUILT IN AS WORK PROCEEDS. DRYTHERM TO BE INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURES RECOMMENDATION AND DETAILS. TAKING CARE TO ENSURE A CLEAN TOP EDGE

MORTAR MIX 1:1:6 CEMENT SAND MORTAR

INTERNAL LEAF TO BE 100mm ARC LECA 3.5N BLOCKS LAID IN 1:1:6 MORTAR OR EQUAL THERMAL PERFORMANCE

ALL CAVITIES TO BE CLOSED AT EAVES AND VERGES WHERE THE DECK WITH CEMENT PARTICLE BOARD CAVITIES TO BE CLOSED AT DOOR AND WINDOW REVEALS USING REVEAL BLOCKS AND INSULATED DPC – ALTERNATIVELY USE THERMOMATE

WALL TIES TO BE STAINLESS STEEL AND FIXED AT 450mm CENTRES VERTICALLY AND 900mm HORIZONTALLY. COURSES TO BE STAGGERED. WALL TIES AROUND OPENING AND WALL STARTERS TO BE 225mm CENTRES VERTICALLY.

PROVIDE AND FIX DPC CAVITY TRAYS OVER ALL LINTELS IN EXTERNAL WALLS INCLUDING STOP ENDS AND WEEP HOLES STRICTLY IN ACCORDANCE WITH MANUFACTURES INSTRUCTIONS WEEP HOLES AT 700mm CENTRES WITH AT LEAST 2no PER OPENING.

PROVIDE AND FIX CAVITY TRAYS BY CAVITY TRAYS LTD AT ABUTMENT OF ROOFS TO BRICKWORK.

## INTERNAL WALLS

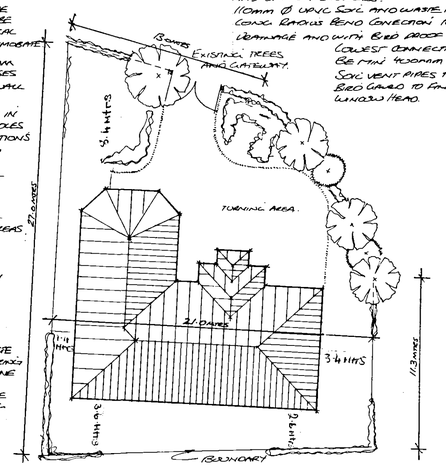
INTERNAL WALLS TO BE 100mm ARC LECA BLOCK TO ALL AREAS.

## DPC

2000G TEXTURED POLYTHENE BITUMINOUS FELT OR PITCH POLYMERE HYDROID DPC'S TO SUIT WIDTH OF MASONARY 150mm ABOVE GROUND LEVEL AND 150mm WIDE DPC'S VERTICALLY TO ALL OPENINGS IN EXTERNAL WALLS ALL TO COMPLY TO BRITISH STANDARDS.

## GROUND FLOOR.

75mm SAND CEMENT SCREED ON 100mm OVERSITE CONCRETE ON VAPOUR BARRIER WITH 40mm DOW FLOORMATE FLOORING GRADE INSULATION 1200G VISQUEEN DAMP PROOF MEMBRANE LAPPED WITH HORIZONTAL DPC ON MIN 150mm WELL CONSOLIDATED CLEAN HARDCORE CONCRETE MIX TO BE GEN 4 SLAB TO BE. 150mm THICK EDGE NON COMPRESSIBLE PARTITIONS
WINDOW AND DOOR FRAMES SHOULD CLOAK VERTICAL INSULATED DPC BY A MIN 25mm TO REDUCE THE RISK OF COLD BRIDGING.




SITE PLAN 1:200

- 4 DEC 06
09401/06

**Client**
MRS + MR. TYLER.

**Job title**
PROPOSED NEW BUNGALOW AT 9 CHURCH LANE. DONINGTON LINCS

**Drawing title**
PLANS AND ELEVATIONS

| Scale | Date | Drawn |
|---|---|---|
| 1:50 1:100 | JAN 2007 | |

PLANNING

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