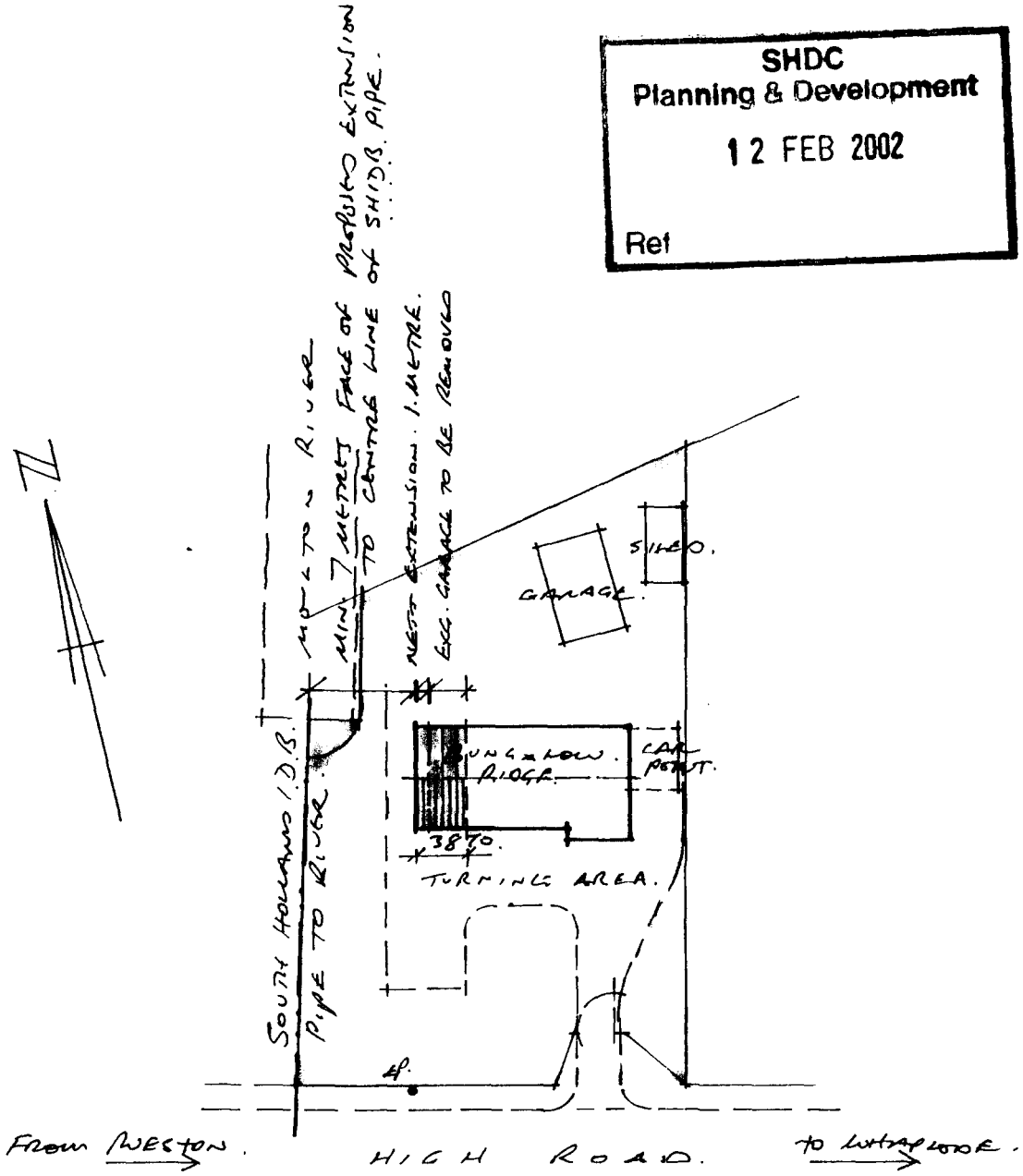
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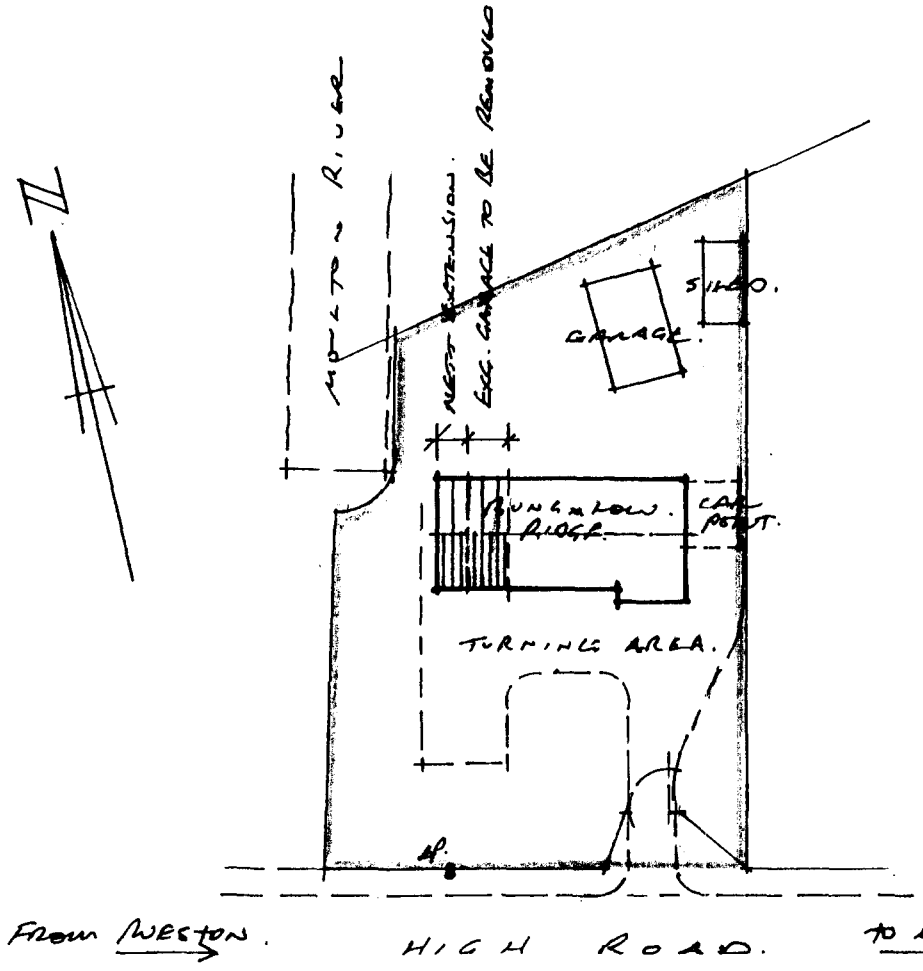


BLOCK PLAN.
SCALE. 1:500

PROPOSED ALTERATIONS + EXTENSION TO BUNGALOW
160. HIGH ROAD MOULTON. SPALDING. LINCS.
FOR. MR + MRS B. HUDSON-PEACOCK.

DRAWING NO. 01/39/02A.
REV. 'A' EXTENSION REDUCED BY 1 METRE. 11.2.02. RNC

R.N. COWLING M.B.I.A.T.
ARCHITECTURAL TECHNOLOGIST.
9. GALWAY CLOSE.
SPALDING. LINCS. PE11 3FL.
TEL/FAX. 01775. 723836.



BLOCK PLAN.

SCALE. 1:500

1225/01

PROPOSED ALTERATIONS + EXTENSION TO BUNGALOW

160. HIGH ROAD MOULTON. SPALDING. LINCS.

~~FOR~~ MR + MRS B. HUDSON-PEACOCK.

DRAWING NO. 01/39/02.

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REMOVALS + CLEARANCEMENTS.

EXISTING GARAGE TO BE CAREFULLY DEMOLISHED AND REMOVED IN ITS ENTIRETY INCLUDING S/B_STRUCTURE WALLS AND FOUNDATIONS SO FAR AS IS NECESSARY TO AVOID CONFLICT WITH NEW EXTENSION.

GAS + ELECTRICITY METERS TO BE RE-LOCATED IN AND INCLUDED NEW METER BOXES SET IN NEW GABLE WALL AS SHOWN. SERVICES + CONNECTIONS TO BE ADAPTED, ALTERED AND EXTENDED AS REQUIRED BY THE APPROPRIATE AUTHORITY. (NB. EXISTING ELECTRICITY SERVICE IS OVERHEAD TO THE WEST GABLE)

EXISTING WATER SERVICE TO BE RE-ROUTED OUTSIDE THE LINE OF THE NEW WEST GABLE AND TO BE LAID TO THE DEPTH + SIZE REQUIRED BY ANGLIAN WATER AUTHORITY.

ANY / ALL OTHER DRAINS, SERVICES, OBSTRUCTIONS, ETC. FOUND AT THE TIME OF EXCAVATION ARE TO BE REMOVED, DIVERTED OR RE-ROUTED AS NECESSARY AND TO THE APPROVAL OF THE RELEVANT AUTHORITY.

COVL DRAINAGE. — NO CHANGES UNLESS AFFECTED BY ENCROACHMENT.

HEATING INSTALLATION TO BE ALTERED AND EXTENDED INTO NEW AREAS ALL NEW RADIATORS TO BE FITTED WITH A THERMOSTATIC CONTROL VALVE.

IMPORTANT. ALL WORK TO THE GAS SERVICE, SUPPLY AND INSTALLATION(S) MUST BE UNDERTAKEN ONLY BY A CORG.I. REGISTERED GAS ENGINEER

WALLS AND PARTITIONS.

270 MM EXTERNAL CAVITY WALL SUPERSTRUCTURE TO COMPRISE :—
FACING BRICK OUTER LEAF INCLUDING GAUGED MORTAR AND POINTING STYLE TO MATCH EXISTING.
65 MM CAVITY FULLY FILLED WITH CROWN 'DRITHERM' INSULATION BATTS.
100 MM. THERMALITE 'SHELO' BLOCKS INNER LEAF IN CEMENT MORTAR
LEAVES OF CAVITY TO BE TIED TOGETHER WITH STAINLESS STEEL GALV. IRON TWIST TIES. AT 900 MM HORIZONTAL CENTRES & 450 MM VERTICAL CENTRES (REDUCED TO 225 MM VERTICAL CENTRES AT ALL OPENING REVEALS.)

ALL NEW WALLS TO BE BONDED TO EXISTING AT ABUTMENTS WITH 'EUREKA' BONDING PROFILES TO FULL HEIGHT OF BOTH LEAVES.

DAMCOR' VERTICAL INSULATED DAMP CHECK TO BE INSTALLED BEHIND FACING BRICK TO REVEALS OF ALL OPENINGS.

LINTELS OVER 2 NO. NEW WINDOW OPENINGS LINTELS TO COMPRISE :—
CATNIC 'COUGAR' HEAVY DUTY OPEN BACK LINTELS REF. CZH50/100. 2700 LONG.
CAREFULLY INSTALLED TO ENSURE 150 MM EQUAL END BEARINGS.
AND BUILT INTO MASONRY STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS.

OVER NEW 900 MM WIDE OPENING THROUGH EXISTING GABLE WALL TO PROVIDE ACCESS TO NEW EXTENSION. LINTEL TO COMPRISE :—
2 NO. CATNIC BOX LINTELS (BACK TO BACK) REF. CN5KA. 1200 LONG
ONE LINTEL UNDER EACH LEAF OF CAVITY WALL AND CAREFULLY INSTALLED TO ENSURE 150 MM EQUAL END BEARINGS AND BUILT INTO MASONRY STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS.

INTERNAL PARTITION WALLS TO COMPRISE :—
100 MM THERMALITE 'SHELO' BLOCKS WITH 'CATNIC' CN102 1050 LONG LINTEL OVER EACH DOOR OPENING.
DOORS, LININGS, ARCHITRAVES, SKIRTINGS, DOOR FURNITURE, ETC. TO MATCH EXISTING (SUBJECT TO CLIENTS INSTRUCTIONS).

(FOR DETAILS OF SUBSTRUCTURE WALLS + FOUNDATIONS SEE TO RIGHT OF DRAWING)

ALL INTERNAL WALL SURFACES TO BE FINISHED RENDER + SET PLASTER.

EXTENSION TO ROOF + ROOF STRUCTURE.

THE EXTENSION TO THE ROOF + ROOF STRUCTURE IS TO BE CONTINUOUS WITH AND TO ALIGN AND MATCH THE EXISTING ROOF IN ALL RESPECTS AND DETAILS INCLUDING TO EAVES + VERGES. ETC.. NEW PREFABRICATED TRUSSED RAFTERS AT 450 MM CENTRES AND TO THE EXISTING ROOF PITCH ARE TO BE DESIGNED BY SPECIALISTS AND LAID TO STRICTLY IN ACCORDANCE WITH B.S. 5268. PT. 3. 1985.
THE ROOF STRUCTURE DESIGN DETAILS AND CALCULATIONS INCLUDING ALL NECESSARY BRACING, ETC. ARE TO BE SUBMITTED TO S.H.D.C. BUILDING CONTROL FOR SUPPLEMENTARY APPROVAL PRIOR TO MANUFACTURE AND ERECTION ON SITE.
TRUSSED RAFTERS TO BE COVERED WITH INTERLOCKING CONCRETE TILES + LAPS TO MATCH EXISTING ON UNDERLAYER SARKING FELT TO BS. 747. TYPE 1(F). N.R. FRONT ELEVATION TO BE COVERED WITH EXISTING TILES TRANSFERRED FROM EXISTING REAR ELEVATION.

WALL PLATES TO MATCH EXISTING AND TO BE SECURED TO MASONRY WITH 30 x 5 GALV. M.S. ANCHORS AT MAX 2000 MM. C/CS.
ROOF TRUSSES TO BE SECURED TO GABLE WALL TO RAFTERS AND CEILING TIES WITH 30 x 5 GALV. M.S. LATERAL RESTRAINT STRAPS ACROSS 3 NO. TRUSSES AT MAX. 2000 MM CENTRES AND WITH NOGGINGS BETWEEN TIMBERS.

ROOF VENTILATION TO COMPRISE :— CONTINUOUS 'CLIVEVALE' EAVES AND FV100 TO BOTH ENDS OF NEW EXTENSION.
FV100 OVER EXISTING RAFTERS.

ROOF PITCH AS EXISTING (± 27½°)

RENEWAL OF GUTTERS + 2NO ADDITIONAL DOWNPIPES TO MATCH EXISTING. DOWNPIPES TO DISCHARGE VIA 62 MM. DIA. U. DRAINS TO NEW SOAKAWAYS. MIN 5.0 METRES FROM BUILDING.

DOUBLE GLAZED WINDOWS + GLAZING UNITS TO MATCH EXISTING. EACH WITH MIN. 5000 MM² TRICKLE VENTILATOR(S) TO HEAD OF FRAME.

EXISTING FLOOR LEVEL AS EXISTING

200 MM CROWN 75' INSULATION QUILT IN 2 NO. 100 MM LAYERS
FIRST LAYER ACROSS JOISTS.
SECOND LAYER OVER CEILING TIES.
3.5 MM SUPAFOIL BACKED PBD. CEILINGS STAPLED TO UNDERSIDE OF RAFTERS.

RM ROOM 2 — RM ROOM 1. — SKIM ON METAL

FLOOR CONSTRUCTION :
50 MM. 1:3 CEMENT / SAND SCREED.
100 MM. 1:2:4 (¾) AGG. OVERSITE CONCRETE.
60 MM V.R. UNDERSITE FLOOR INSULATION

1200 G POLYTHENE MEMBRANE TAKEN UP TO D.P.C. LEVEL AT ALL WALL ABUTMENTS AND SEALED INTO D.P.C.

MINIMUM. 150 MM CONSOLIDATED HARDCORE BUNDED WITH SAND TO RECEIVE POLYTHENE.

F.L. GRADE FACING BRICKS WHERE EXPOSED

FLOOR LEVEL + D.P.C. TO MATCH EXG.

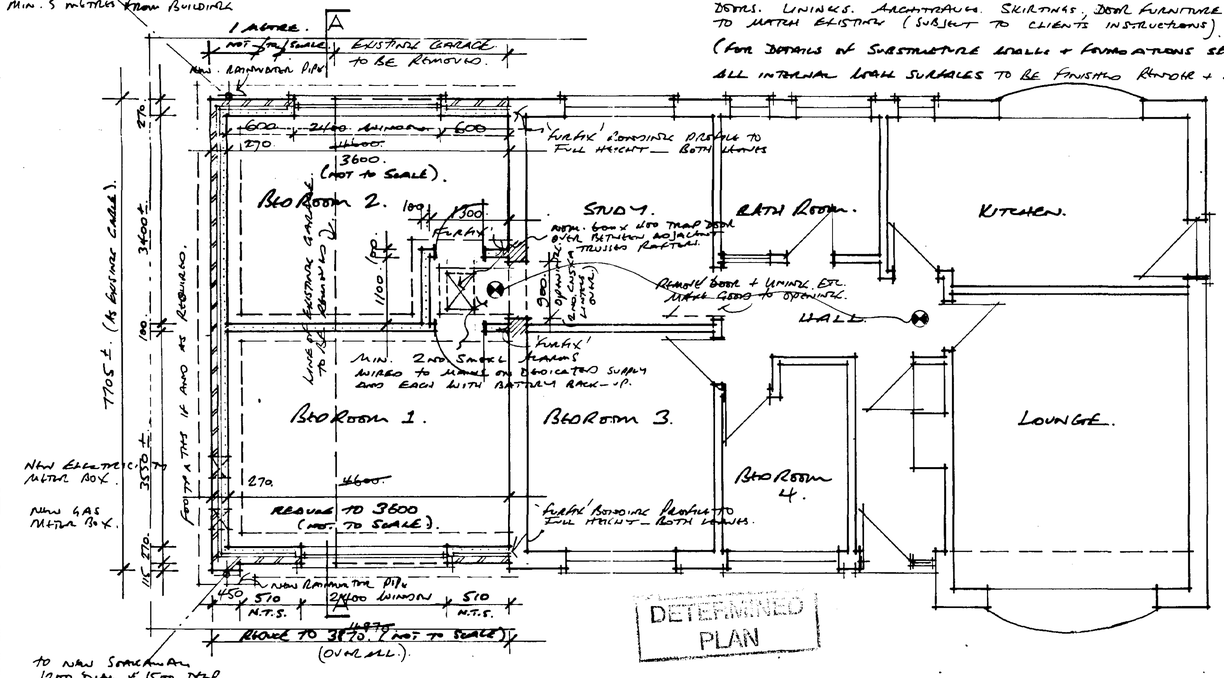
DAMP PROOF COURSE TO COMPRISE :
HEAVY DUTY ENGINEERS BITUMEN D.P.C. TO BOTH LEAVES OF CAVITY WALLING AND TO INTERNAL PARTITION WALLINGS.

SUB-STRUCTURE CAVITY WALLING
TO COMPRISE 2 NO LEAVES 100 MM.
CLASS 'A' CONCRETE BLOCKS IN CEMENT MORTAR
OUTER LEAF TO CHANGE TO F.L. GRADE FACING BRICKS IN CEMENT MORTAR WHERE EXPOSED (IE. GROUND LEVEL / D.P.C.).
CAVITY TO BE FILLED LEAN-MIX CONCRETE UP TO GROUND LEVEL (150 MM BELOW D.P.C.).

SUB-STRUCTURE INTERNAL PARTITIONS
TO COMPRISE 100 MM CLASS 'A' CONC. BLOCKS IN CEMENT MORTAR.

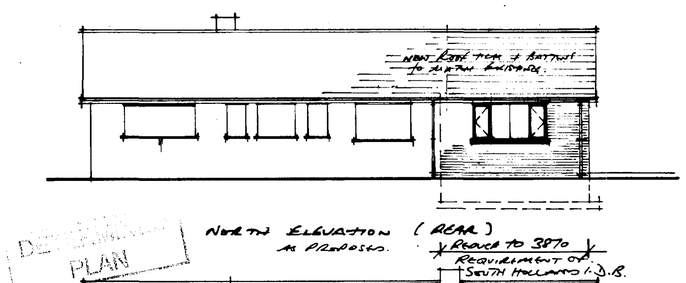
FOUNDATIONS — SUBJECT TO LOCAL AUTHORITY BUILDING CONTROL APPROVAL AT TIME OF EXCAVATION TO COMPRISE 1:3:6 (¾) AGG. CONCRETE STRIP AT THE REQUIRED MINIMUM DEPTH(S) — SEE SECTION A-A. AND TO THE FOLLOWING CROSS SECTION DIMENSIONS.
FOR 270 MM CAVITY WALLS 700 x 225 MM.
FOR 100 MM PARTITION WALLS 450 x 225 MM.

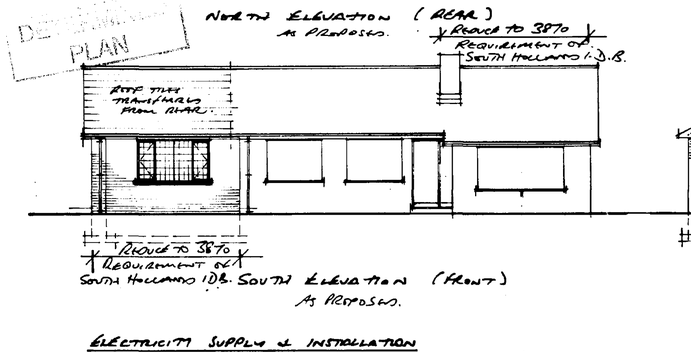
• CROSS SECTION A-A •

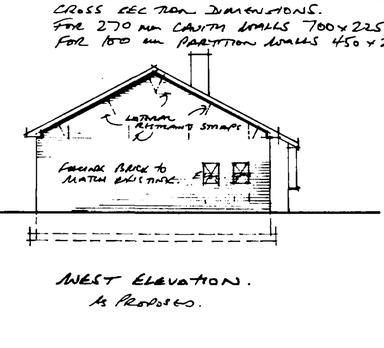


DETERMINED PLAN

• PLAN AS PROPOSED. INCLUDING • PLAN AS EXISTING.







ELECTRICITY SUPPLY + INSTALLATION

THE ELECTRICITY SUPPLY + INSTALLATION IS TO BE ALTERED, ADAPTED AND EXTENDED FROM AND INCLUDING THE NEW METER BOX POSITION STRICTLY IN ACCORDANCE WITH THE LATEST EDITION OF THE I.E.E. REGULATIONS AND BY A FULLY QUALIFIED ELECTRICIAN OR ELECTRICAL ENGINEER.
THE EARTHING SYSTEM IS TO BE PROVIDED AND / OR UPDATED AS REQUIRED BY THE REGULATIONS.
THE LIGHTING + POWER INSTALLATIONS TO BE ALTERED AND EXTENDED TO CLIENTS PRE-CONTRACT INSTRUCTIONS.

REVISIONS. A. NETT WIDTH OF EXTENSION REDUCED TO 1 METRE (3870 o/a) 11.2.2002 RRL.

PROPOSED ALTERATIONS AND EXTENSION TO BUNGALOW • 160. HIGH ROAD • MOULTON • SPALDING • LINCOLNSHIRE • FOR • MR. + MRS. B. HUDSON-PEACOCK. •

• DRAWING NO. 01 / 39 / 01A. • SCALE - 1:50 (PLAN + SECTION) 1:100 (ELEVATIONS). • • R.N. COWLING. MRIAT. ARCHITECTURAL TECHNOLOGIST. • 9. GALTON CLOSE • SPALDING • LINCS. PE11 2FL • TEL / FAX. 01775-723836. • 07.01.

SHDC
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12 FEB 2002
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DETERMINED PLAN

REMOVALS + CLEARANCE WORKS.

EXISTING GARAGE TO BE CAREFULLY DEMOLISHED AND REMOVED IN IT'S ENTIRETY INCLUDING SUB-STRUCTURE WALLS AND FOUNDATIONS SO FAR AS IS NECESSARY TO AVOID CONFLICT WITH NEW EXTENSION.

GAS + ELECTRICITY METERS TO BE RE-LOCATED IN AND INCLUDING NEW METER BOXES SET IN NEW GABLE WALL AS SHOWN. SERVICES + CONNECTIONS TO BE ADAPTED, ALTERED AND EXTENDED AS REQUIRED BY THE APPROPRIATE AUTHORITY. (N.B. EXISTING ELECTRICITY SERVICE IS OVERHEAD TO THE WEST GABLE)

EXISTING WATER SERVICE TO BE RE-ROUTED OUTSIDE THE LINE OF THE NEW WEST GABLE AND TO BE LAID TO THE DEPTH + SIZE REQUIRED BY ANGLIAN WATER AUTHORITY.

ANY / ALL OTHER DRAINS, SERVICES, OBSTRUCTIONS, ETC. FOUND AT THE TIME OF EXCAVATION ARE TO BE REMOVED, DIVERTED OR RE-ROUTED AS NECESSARY AND TO THE APPROVAL OF THE RELEVANT AUTHORITY.

FOUL DRAINAGE. — NO CHANGES UNLESS AFFECTED BY ENCROACHMENT.

HEATING INSTALLATION TO BE ALTERED AND EXTENDED INTO NEW AREAS ALL NEW RADIATORS TO BE FITTED WITH A THERMOSTATIC CONTROL VALVE.

IMPORTANT. ALL WORK TO THE GAS SERVICE, SUPPLY AND INSTALLATION(S) MUST BE UNDERTAKEN ONLY BY A CORG.I. REGISTERED GAS ENGINEER

WALLS AND PARTITIONS.

270 MM EXTERNAL CAVITY WALL SUPERSTRUCTURE TO COMPRISE :—
FACING BRICK OUTER LEAF INCLUDING GAUGED MORTAR AND POINTING STYLE TO MATCH EXISTING.
65 MM CAVITY FULLY FILLED WITH CAVITY 'DRITHERM' INSULATION BATTS.
100 MM. THERMALITE 'SHIELD' BLOCKS INNER LEAF IN CEMENT MORTAR (LEAVE CAVITY TO BE TIED TOGETHER WITH STAINLESS STEEL GALV. IRON TWIST TIES. AT 900 MM HORIZONTAL CENTRES + 450 MM VERTICAL CENTRES (REDUCED TO 225 MM VERTICAL CENTRES AT ALL OPENING REVEALS.)

ALL NEW WALLS TO BE BONDED TO EXISTING AT ABUTMENTS WITH 'EUREKA' BONDING PROFILES TO FULL HEIGHT OF BOTH LEAVES.

DAMCOR' VERTICAL INSULATING DAMP CHECK TO BE INSTALLED BEHIND FACING BRICK TO REVEALS OF ALL OPENINGS.

LINTELS OVER 2 NO. NEW WINDOW OPENINGS LINTELS TO COMPRISE :—
CATNIC 'COUGAR' HEAVY DUTY OPEN BACK LINTELS REF. CZH50/100/2700 LONG. CAREFULLY INSTALLED TO ENSURE 150 MM EQUAL END BEARINGS. AND BUILT INTO MASONRY STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS.

OVER NEW 900 MM WIDE OPENING THROUGH EXISTING GABLE WALL TO PROVIDE ACCESS TO NEW EXTENSION. LINTEL TO COMPRISE :—
2 NO. CATNIC BOX LINTELS (BACK TO BACK) REF. CN5KA. 1200 LONG ONE LINTEL UNDER EACH LEAF OF CAVITY WALL AND CAREFULLY INSTALLED TO ENSURE 150 MM EQUAL END BEARINGS AND BUILT INTO MASONRY STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS.

INTERNAL PARTITION WALLS TO COMPRISE :—
100 MM THERMALITE 'SHIELD' BLOCKS WITH 'CATNIC' CN102 1050 LONG LINTEL OVER DOOR OPENINGS.
DOORS, LININGS, ARCHITRAVES, SKIRTINGS, DOOR FURNITURE, ETC. TO MATCH EXISTING (SUBJECT TO CLIENTS INSTRUCTIONS).

(FOR DETAILS OF SUBSTRUCTURE WALLS + FOUNDATIONS SEE TO RIGHT OF DRAWING).

ALL INTERNAL WALL SURFACES TO BE FINISHED PLAINLY + SET PLASTER.

EXTENSION TO ROOF + ROOF STRUCTURE.

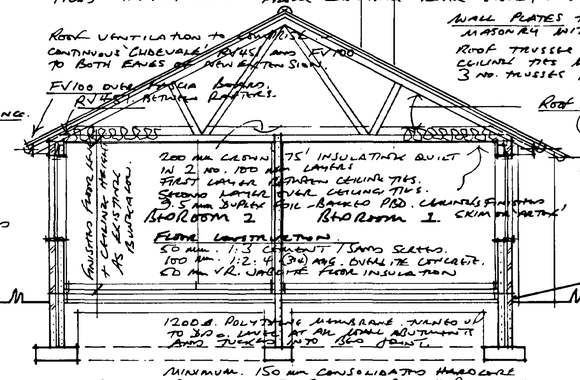
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TRUSSED RAFTERS TO BE COVERED WITH INTERLOCKING CONCRETE TILES + LATHS TO MATCH EXISTING ON UNDERDRAPE SARKING FELT TO BS. 747. TYPE 1(B). N.B. FRONT ELEVATION TO BE COVERED WITH EXISTING TILES TRANSFERRED FROM EXISTING REAR ELEVATION.

ROOF VENTILATION TO COMPRISE :— CONTINUOUS 'CUDEVALE' EAVES AND FV100 TO BOTH EAVES OF NEW EXTENSION.

FV100 OVER FASCIA BOARD, RAFTERS.

WALL PLATES TO MATCH EXISTING AND TO BE SECURED TO MASONRY WITH 30 x 5 GALV. M.S. ANCHORS AT MAX 2000 MM. C/CS.
ROOF TRUSSES TO BE SECURED TO GABLE WALL TO RAFTERS AND CEILING TIES WITH 30 x 5 GALV. M.S. LATERAL RESTRAINT STRAPS ACROSS 3 NO. TRUSSES AT MAX. 2000 MM CENTRES AND WITH NOGGINGS BETWEEN TIMBERS.

ROOF PITCH AS EXISTING (± 27½°)



• CROSS SECTION A-A •

RAINWATER GUTTERS + 2NO ADDITIONAL DOWNPIPES TO MATCH EXISTING. DOWNPIPES TO DISCHARGE VIA 22 MM. DIA. DRAINS TO NEW SOAKAWAYS. MIN 5.0 METRES FROM BUILDING.

DOUBLE GLAZED WINDOWS + GLAZING UNITS TO MATCH EXISTING. EACH WITH MIN. 8000 MM² TRICKLE VENTILATOR(S) TO HEAD OF FRAME.

F.L. GRADE FACING BRICKS LAID EXPOSED

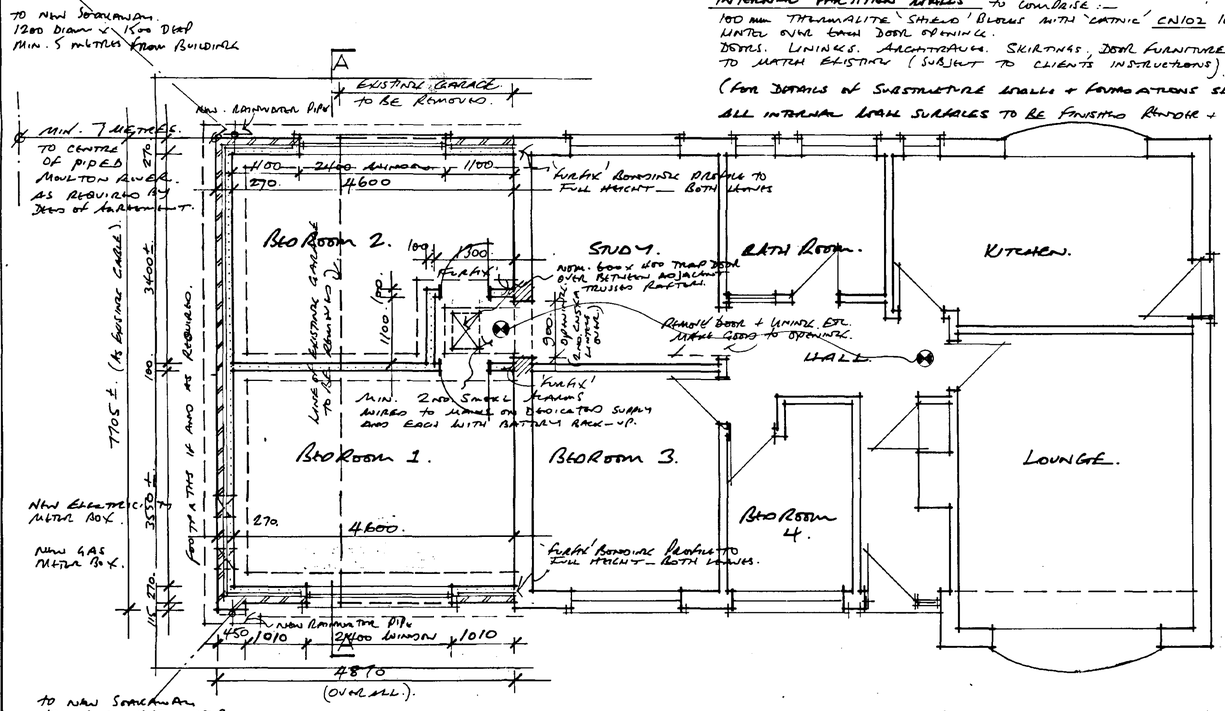
FLOOR LEVEL + D.P.C. TO MATCH EXG.

DAMP PROOF COURSE TO COMPRISE :
HEAVY DUTY BITUMINISED POLYTHENE D.P.C. TO BOTH LEAVES OF CAVITY WALLING AND TO INTERNAL PARTITION WALLINGS.

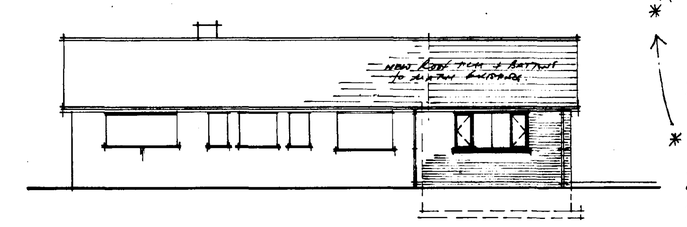
SUB-STRUCTURE CAVITY WALLINGS
TO COMPRISE 2 NO LEAVES 100 MM. CLASS 'A' CONCRETE BLOCKS IN CEMENT MORTAR OUTER LEAF TO CHANGE TO FACING BRICKS IN CEMENT MORTAR (WHERE EXPOSED (IE. GROUND LEVEL / D.P.C.). CAVITY TO BE FILLED LEAN-MIX CONCRETE UP TO GROUND LEVEL (150 MM BELOW D.P.C.).

SUB-STRUCTURE INTERNAL PARTITIONS
TO COMPRISE 100 MM CLASS 'A' CONC. BLOCKS IN CEMENT MORTAR.

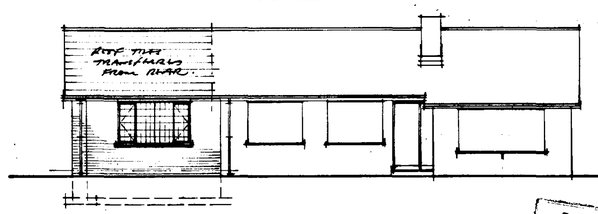
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FOR 270 MM CAVITY WALLS 700 x 225 MM.
FOR 100 MM PARTITION WALLS 450 x 225 MM.



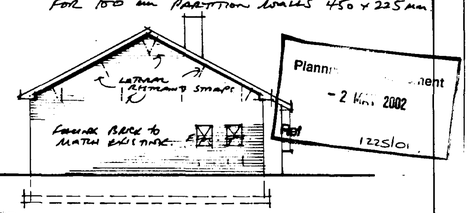
• PLAN AS PROPOSED. • INCLUDING • PLAN AS EXISTING •



NORTH ELEVATION (REAR) AS PROPOSED.



SOUTH ELEVATION (FRONT) AS PROPOSED.



WEST ELEVATION. AS PROPOSED.

Planning
- 2 MAY 2002
Ref. 1225/01
AMENDED
Ref. A1

ELECTRICITY SUPPLY & INSTALLATION
THE ELECTRICITY SUPPLY + INSTALLATION IS TO BE ALTERED, ADAPTED AND EXTENDED FROM AND INCLUDING THE NEW METER BOX POSITION STRICTLY IN ACCORDANCE WITH THE LATEST EDITION OF THE I.E.E. REGULATIONS AND BY A FULLY QUALIFIED ELECTRICIAN OR ELECTRICAL ENGINEER.
THE EARTHING SYSTEM IS TO BE PROVIDED AND / OR UPDATED AS REQUIRED BY THE REGULATIONS.
THE LIGHTING + POWER INSTALLATIONS TO BE ALTERED AND EXTENDED TO CLIENTS PRE-CONTRACT INSTRUCTIONS.

REVISIONS ~~A. NEW WIDTH OF EXTENSION REVISED TO 4 METRES (3870 o/A) 11.2.2002 RRJ.~~
B. REVISION 'A' CANCELLED. RRJ. 1.5.2002

• PROPOSED ALTERATIONS AND EXTENSION TO BUNGALOW • 160. HIGH ROAD • MOULTON • SPALDING • LINCOLNSHIRE • UK • MR. + MRS. B. HUDSON-PEACOCK. •

• DRAWING NO. 01 / 39 / 01 / B. • SCALE - 1:50 (PLAN + SECTION) 1:100 (ELEVATIONS). • • R.N. COWLING. MAIAT. ARCHITECTURAL TECHNOLOGIST. • 9. GALTRUM CLOSE • SPALDING • LINCS. PE11 2FL • TEL (FAX. 01775-723836. • 0CT.01.