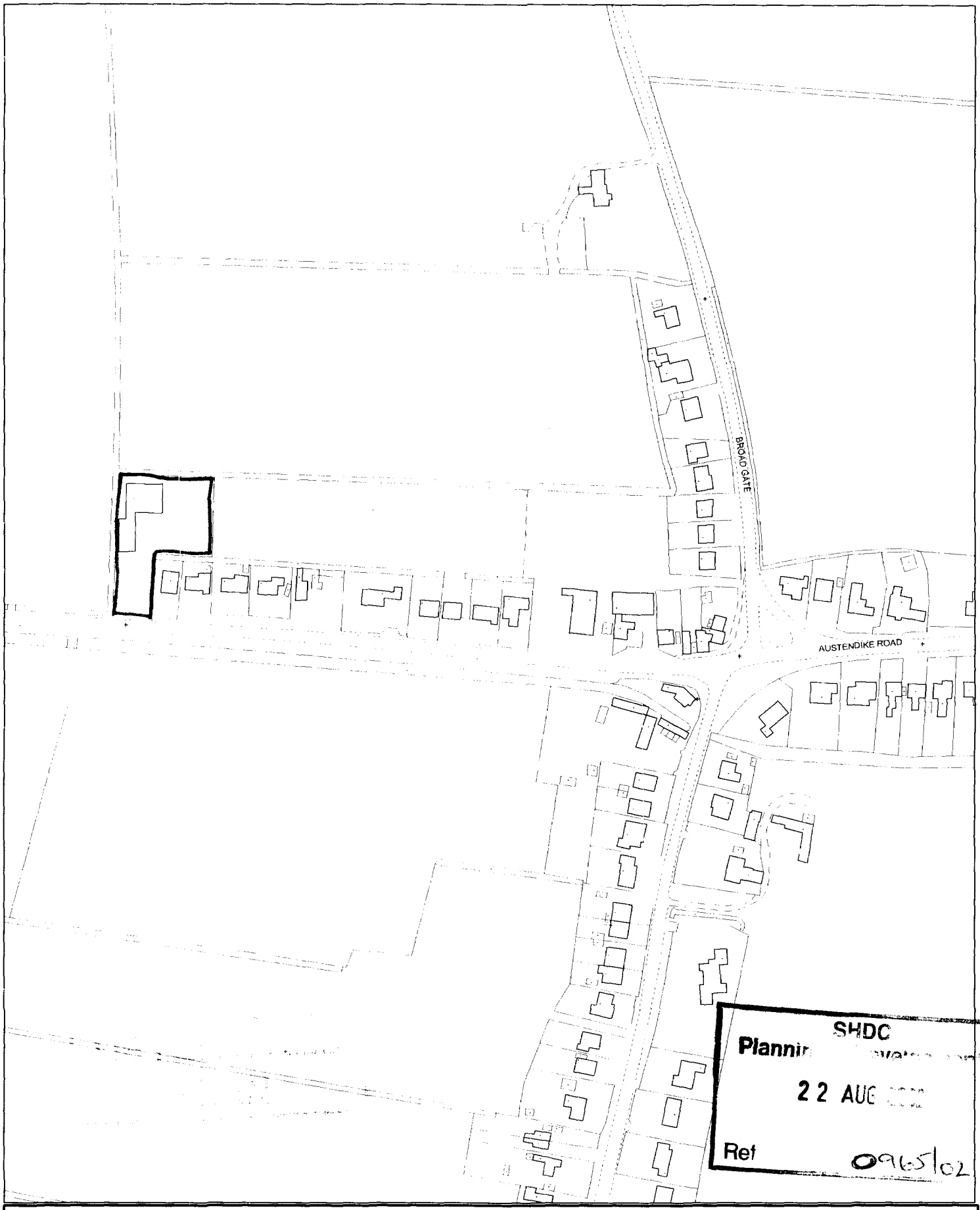


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22 AUG
Ref 0965/02

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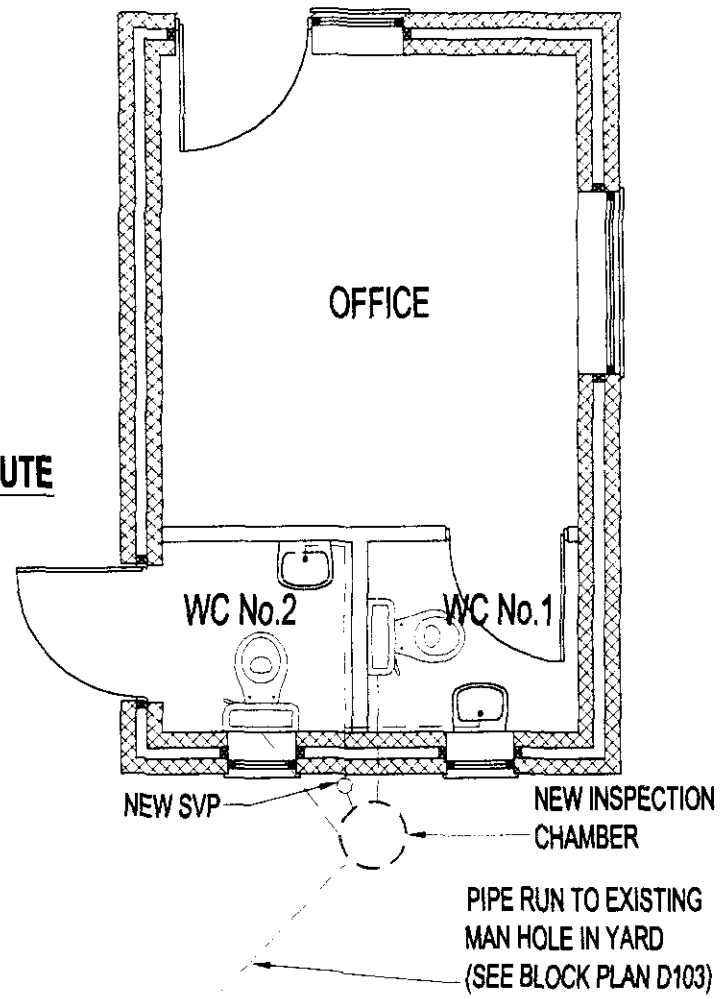
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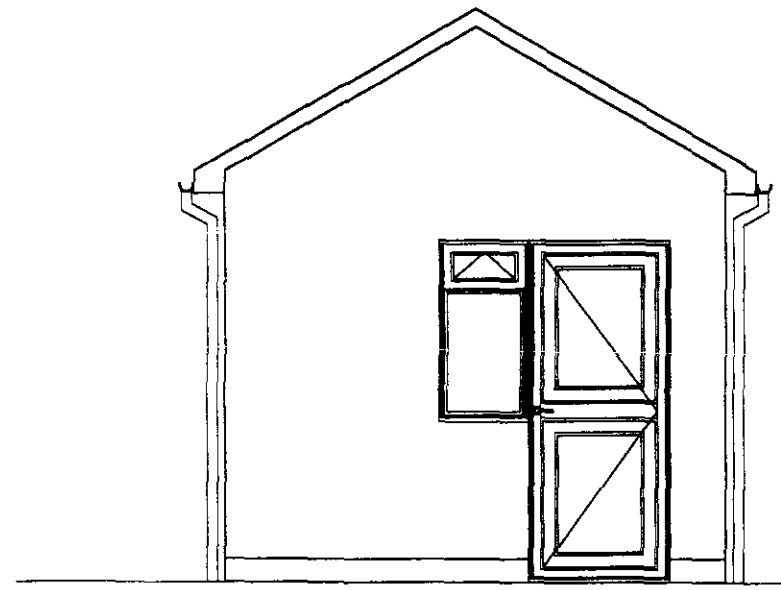
Council Offices, Priory Road, Spalding, Lincolnshire PE11 2XE

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DRAINAGE ROUTE





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Planning Department
22 AUG 2002
Ref 0216102

APPLICATION SITE ADDRESS
JEX ENGINEERING
2, AUSTENDYKE ROAD,
WESTON HILLS, SPALDING

ABOVE GROUND DRAINAGE

WASTE TO WASH HAND BASIN'S 32mm DIA.
BOTH TO BE FITTED WITH 75mm DEEP SEALED TRAPS ACCESS POINTS TO ALL CHANGE IN DIRECTION, ANTI-SIPHON TRAPS WHERE WASH HAND BASIN'S EXCEED 3m RUNS.
SERVICE VENT PIPE TO TERMINATE 900mm ABOVE ANY OPENING AND FINISH WITH PVC BIRD GAURD.

OFFICE DRAINAGE

110mm UPVC PIPE TO FALL 1:70 WITH 100mm PEAGRAVEL BED AND SURROUND.
INSPECTION CHAMBER TO BE 450mm DIA. PERFORMED PLASTIC COMPLETE WITH FRAME AND COVER, LAID IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
DRAIN RUNS WITH LESS THAN 300mm GROUND COVER TO HAVE PAVING SLAB PROTECTION OVER TRENCH ON TOP OF PEAGRAVEL SURROUND ON HAUNCHED BACK TRENCH.
DRAINS PASSING THROUGH WALLS TO HAVE LINTEL OVER.

RAINWATER

112mm HALF ROUND UPVC GUTTERS AND 68mm DOWNPIPES COMPLETE WITH ALL OFFSET BENDS, PIPE SHOES, SUPPORT BRACKETS... ECT, SECURELY FIXED IN POSITIONS SHOWN.
SURFACE WATER TO DISCHARGE TO SOAKAWAYS VIA 110-68mm DIA. REDUCER.

SOAKAWAYS

TO BE MIN. 5m FROM ANY BUILDING.
TO BE MIN 1m RUBBLE FIILED WITH INLET PIPE DISCHARGING TO CENTRE OF SOAKAWAY.

WINDOWS

DOUBLE GLAZED PVC WINDOWS INTERNALLY GLAZED WITH 8000 SQ. mm TRICKLE VENTS TO BE SUPPLIED BY AN APPROVED MANUFACTURER.
OPENNG VENTS TO GIVE 1/20th OF FLOOR AREA VENTILATION TO ROOMS.
OBSCURE GLAZING TO BOTH TOILETS, CLEAR GLAZING ELSEWHERE.
ALL GLAZING TO MEET REQUIREMENTS OF SECTION L AND N OF THE BUILDING REGULATIONS.
GLASS SPEC. IN ACCORDANCE WITH BS6206, K GLASS WITH 16mm CAVITY OR EQUIVALENT TO GIVE REQUIRED U-VALUE.

WINDOWS DEPTH

OFFICE - 1200mm
TOILETS - 1050mm.

INTERNAL AND EXTERNAL DOORS

INTERNAL DOOR - 826mm O/ALL FRAME - 762mm DOOR.
EXTERNAL DOORS - 900mm O/ALL FRAME - DOOR SIZE TO SUIT.
EXTERNAL DOOR TO BE PANELS ONLY.
LETTER BOX REQUIRED ON EXTERNAL DOOR INTO OFFICE.

HEATING

WALL MOUNTED ELECTRIC HEATER FITTED STRICTLY IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

LOW ENERGY LIGHTING

SITUATED IN W.C. ROOM No. 1 .

REV.	DATE	DESCRIPTION	INIT
A	22.08.02	SUMIT TO L.A.	MS

REVISIONS

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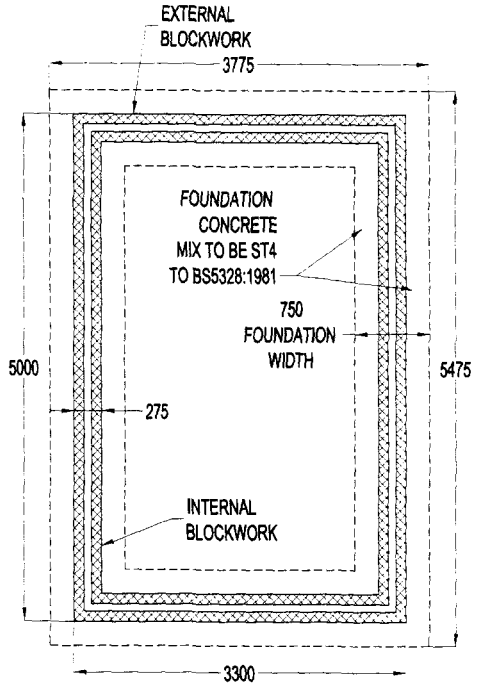
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Drawing Title: DRAINAGE LAYOUT

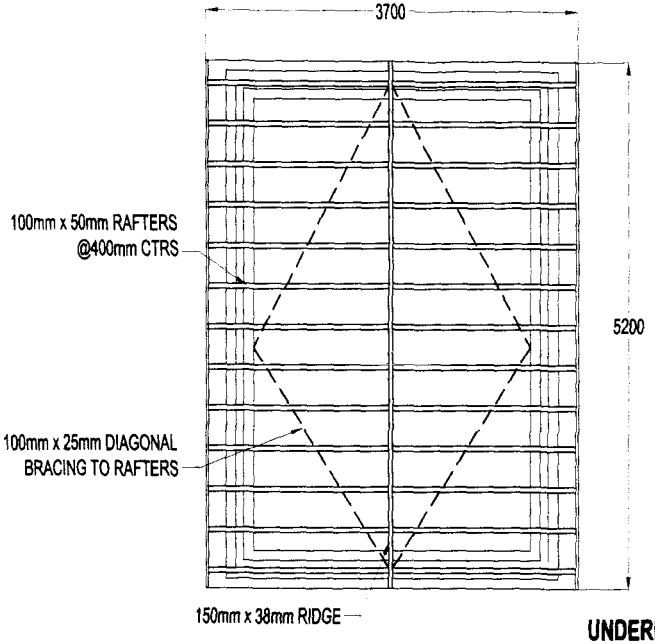
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Drawing No: D108 | Rev Issue: A



PROPOSED FOUNDATION PLAN



PROPOSED ROOF PLAN

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Planning
22 AUG 2002
Ref 02/1651/02

APPLICATION SITE ADDRESS
JEX ENGINEERING
2, AUSTENDYKE ROAD,
WESTON HILLS, SPALDING

ROOF

TO BE TRUSSED RAFTERS DESIGNED AND CONSTRUCTED TO BS5268 PART 3:1985 BY SPECIALIST MANUFACTURER.
TRUSSES SET AT 600mm CTRS, COMPLETE WITH ALL 100mm x 25mm CONTINUOUS DIAGONAL RAFTER BRACING, DIAGONAL JOIST BRACE, CHEVRON BRACING AND LONGITUDINAL BINDERS.
TRUSS MANUFACTURERS TO PROVIDE DETAILS FOR LOCAL AUTHORITY INSPECTION PRIOR TO ANY WORK ON SITE.

INSULATION

LAY 250mm INSULATION BETWEEN TRUSSES.

ANCHOR STRAPS

30mm x 5mm GALV. MILD STEEL STRAPS TO BE FIXED AT RAFTER FLOOR AND JOIST LEVELS WHERE THESE RUN PARALLEL TO ANY EXTERNAL WALL. ALL TO BE SECURELY FIXED TO NOGGINGS AT 1.8m CTRS AND HOOKED OVER INNER LEAF OF CAVITY WALL.
30mm x 2.5mm GALV. MILD STEEL STRAPS FIXED AT 1.8m CTRS ALONG WALLPLATE SECURELY FIXED 450mm DOWN THE FACE OF WALL..

NOGGINGS

FIX 100mm x 50mm NOGGINGS BETWEEN TRUSSED RAFTERS TO SUPPORT ANCHOR STRAPS.
FIX 50mm x 50mm NOGGINGS AROUND PERIMETER AND TO ALL LOOSE EDGES OF PLASTERBOARD CEILINGS.

CROSS VENTILATION

TO ROOF SPACE TO BE MIN. 0.4% ROOF PLAN AREA.
PROVIDE UBBINK OVER FACIA VENTILATION SYSTEM FITTED STRICTLY IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
SOFFIT TO BE SUPPORTED AT WALL FACE BY 100mm x 25mm HANGERS FIXED AT EACH TRUSS.

ROOF TILES

FIX SANDTOFT STANDARD PATTERN CONCRETE INTERLOCKING ROOF TILES IN ACCORDANCE WITH MANUFACTURERS INSTRUCTION AND BS5534 PART 1:1978.
COLOUR DARK GREY (CODE No.14)

RIDGE

THE RIDGE IS TO BE COVERED WITH SEGMENTAL RIDGE TILES OF THE SAME COLOUR AS THE MAIN BODY OF TILING STATED UNLESS SPECIFIED OTHERWISE AND SECURED USING A PROPRIETARY VENTILATED DRY RIDGE SYSTEM HAVING VENTILATION EQUIVALENT TO A CONTINUOUS 6mm GAP.

UNDERLAY

APPROVED REINFORCED ROOFING FELT TYPE IF TO BS747 IS TO BE LAID OVER THE RAFTERS LAPPED 150mm AT THE JOINS AND SECURED WITH CLOUT NAILS. THE UNDERLAY SHOULD EXTEND OVER THE FACIA BOARD AND INTO THE EAVES GUTTER IN ORDER TO PREVENT WATER TRAPS BEHIND THE FACIA. IT IS RECOMMENDED THAT A STRIP OF 6mm MARINE PLYWOOD IS PROVIDED TO SUPPORT THE UNDERLAY.
THE PLY IS TO BE LAID OVER THE RAFTERS AND UNDER THE ROOFING FELT POSITIONED AS CLOSE AS POSSIBLE TO THE LAST TILING BATTERN AND SECURED TO THE FACIA

EAVES

EAVES ARE TO BE FORMED WITH STANDARD SIZE TILES AND PURPOSE MADE EAVES FILLERS MUST BE NAILED TO THE FACIA BOARD.
EAVE TILES MUST BE LAID AT THE SAME PITCH AS THE MAIN BODY OF TILING AND SHOULD OVERHANG THE FACIA BY AN AMOUNT SUFFICIENT TO ENSURE THAT THE WATER DISCHARGES INTO THE CENTRE OF THE GUTTER.

BATTENS

APPROVED QUALITY TANALISED S/W BATTENS 38mm x 25mm ARE TO BE LAID AT A GAUGE SUITABLE FOR THE TILES AND FIXED WITH WIRE NAILS. BATTENS SHOULD BE AT LEAST 1.2m IN LENGTH AND SHOULD BE OF SUFFICIENT LENGTH TO BE SUPPORTED AT EACH END AND INTERMEDIATELY BY AT LEAST THREE RAFTERS, TRUSSES OR WALLS. BUTT JOINTS OVER INTERMEDIATE SUPPORTS SHOULD BE STAGGERED AND THE ENDS MUST BE SAWN.

REV	DATE	DESCRIPTION	INIT
A	22.08.02	SUMIT TO L.A.	MS

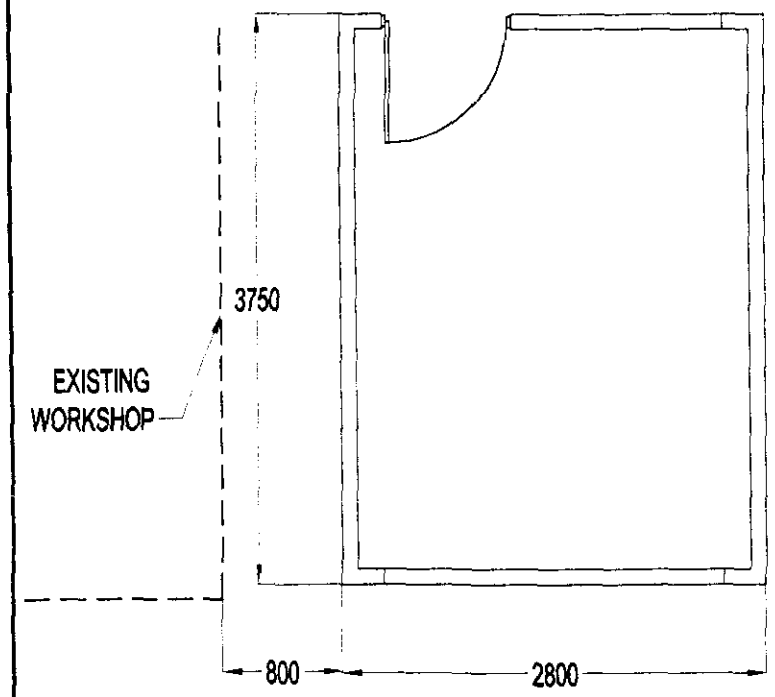
REVISIONS

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TEL: 01775 713852 EMAIL: mstoner@tiscali.co.uk

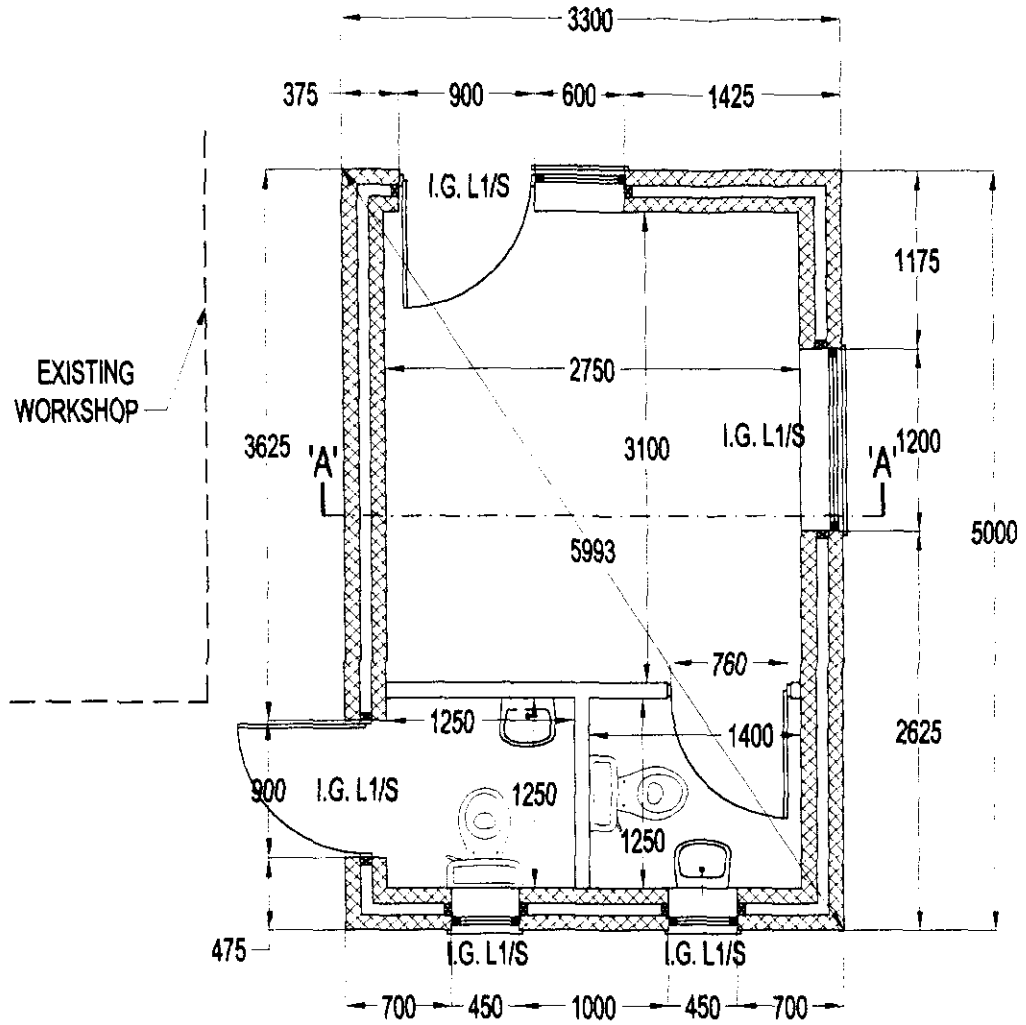
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Drawing Title: ROOFING/FOUNDATION LAYOUT

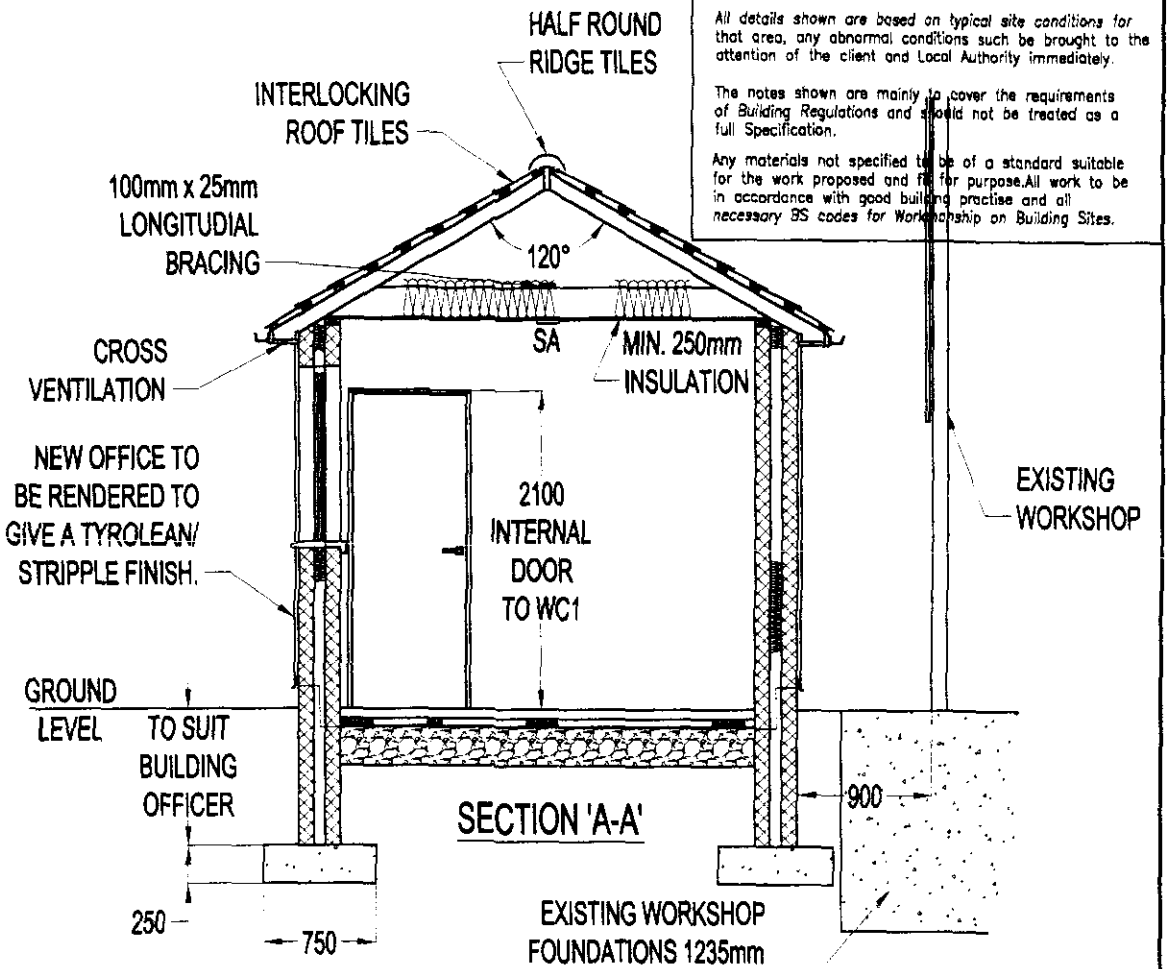
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Date: 09.06.02
Drawing No: D107
Rev Issue: A



EXISTING GROUND FLOOR PLAN



PROPOSED GROUND FLOOR PLAN



SECTION 'A-A'

Contractors are responsible for checking all dimensions on site when work commences and before ordering any materials.Any discrepancies should be brought to the attention of the Client for remedial action before commencing.

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FOUNDATIONS

BUILDING AREA TO BE STRIPPED OF ALL VEGETABLE SOIL AND RUBBISH. EXACT DEPTH TO SUIT GROUND CONDITIONS ON SITE, WHICH IS TO BE AGREED BETWEEN CONTRACTOR AND BUILDING CONTROL OFFICE ON SITE.

GROUND FLOOR

65mm MORTAR SCREED WITH CHICKEN WIRE ON 500 GRADE POLYTHENE SEPERATING LAYER ON 500mm JABITE OR SIMILAR APPROVED ON 100mm THICK ST4 CONCRETE SUB-FLOOR ON 1200 GAUGE DPM LAPPED WITH DPC IN WALLS ON MIN 150mm OF CLEAN AND WELL COMPACTED HARDCORE. MAX. DEPTH OF HARDCORE TO BE 600mm. SERVICE ENTRIES TO BE SEALED WITH PRESSURE SENTIVE TAPE.

EXTERNAL WALLS

275mm OVERALL CAVITY WALL COMP OF;
100mm 3.5N/mm BLOCKWORK TO BS6073 PART 1 AND 2.
75mm CAVITY
100mm 3.5N/mm BLOCKWORK TO BS6073 PART 1 AND 2.
RENDER EXTERNALY (FINISH TBC BY CLIENT), PLASTERED INTERNALLY.
CAVITY WALL TIES TO BS1243:1978 AT 900mm CTRS HORIZONTALLY, 450mm CTRS VERTICALLY AND EVERY COARSE AROUND OPENINGS.
75mm CROWN DRITHERM FIBREGLASS INSULATION BATTS (75mm THICK).

DAMP PROOF COURSE

HORIZONTAL DPC TO WALLS TO BE POLYTHENE TO BS6515 AND SET MIN 150mm ABOVE EXTERNAL GROUND LEVEL.
DPC's TO ALL HEAD, JAMBS AND CILLS OF ALL OPENINGS IN CAVITY WALLS TO PROJECT 25mm INTO THE BACKS OF WINDOWS AND DOOR FRAMES.
PREFORMED CAVITY TRAYS TO ALL WINDOWS WITH WEEP VENTS AT MAX. 2m CTRS, MIN. 2 No. PER LINTEL.
CAVITY TRAYS AND LINTELS TO ALL METER BOXES.

WALLS BELOW DPC

1 No. COARSE OF CLASS B FACE BRICKWORK AND 2 No. COARSES OF BLUE BELOW DPC LEVEL ON EXTERNAL FACE OF CAVITY WALL AND 1 No. COARSE. OF BLOCKWORK ON INNER FACE, ESLEWHERE TO BE FULL WIDTH TRENCH BLOCK FOUNDATIONS TO WITHIN 225mm OF DPC LEVEL.
CAVITY FILLED WITHIN MIN OF 225mm OF DPC WITH LEAN MIX CONC.

MORTAR

GENERALLY TO BE 1:1:6 CEMENT/LIME/SAND OR EQUALLY APPROVED.

SMOKE ALARM

TO BE SELF-CONTAINED AND INTERCONNECTED AND WIRED TO SEPARATELY FUSED CUIRCUIT.
DENOTED BY SA.

INTERNAL WALLS

100mm 3.5N/mm BLOCKWORK OR STUD WALLS COMP OF;
100mm x 50mm TIMBERS AT 450mm CTRS AND 600mm HORIZONTAL CTRS WITH SOLE AND HEAD PLATES COVERED WITH 12.7mm PLASTERBOARD AND SKIM FINISH. PACK 100mm INSULATION BETWEEN STUDS.

CAVITIES

TO BE CLOSED AT ALL JAMBS AND CILLS WITH 50mm REVEAL BLOCKS AND 25mm DAMCOR OR SIMILAR APPROVED. CLOSE TOP OF CAVITIES WITH 75mm DRITHERM INSULATION BATT SUPPORTED ON WALL TIES.

CEILINGS

12.7mm PLASTERBOARD AND ARTEX FINISH THROUGHOUT.

LINTELS

TO BE I.G L1/S IN CAVITY WALL OPENINGS GENERALLY, UNLESS STATED OTHERWISE. INTERNAL DOOR OPENINGS IN BLOCK WALLS TO BE I.G BOX 100 LINTELS. ALL LINTELS TO HAVE MIN. 150mm ENDBEARING AND INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS. ALL LINTELS TO BE FACTORY INSULATED.

APPLICATION SITE ADDRESS
JEX ENGINEERING
2, AUSTENDYKE ROAD,
WESTON HILLS, SPALDING

REV	DATE	DESCRIPTION	INIT
A	22.08.02	SUMIT TO L.A.	MS

REVISIONS

Parallel Design Draughting
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HEDERA COTTAGE, 303, BOURNE ROAD, PODE HOLE
SPALDING. LINCS. PE11 3LW.
TEL: 01775 713852 EMAIL: mstoner@tiscali.co.uk

Client: JEX ENGINEERING

Drawing Title: OFFICE LAYOUT & SECTION THROU'

Scale: 1:50 @ A3
Drawn By: MS
Date: 09.08.02
Drawing No: D106
Rev Issue: A

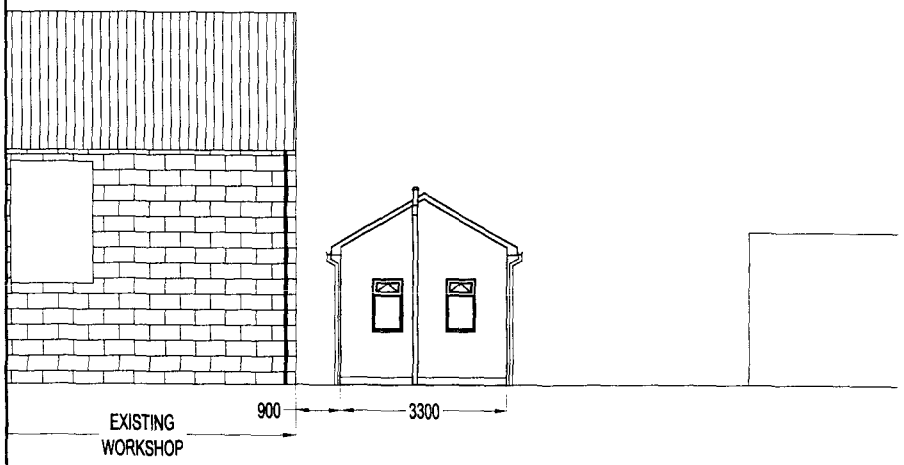
Planning
22 AUG 2002
Ref 0965/02

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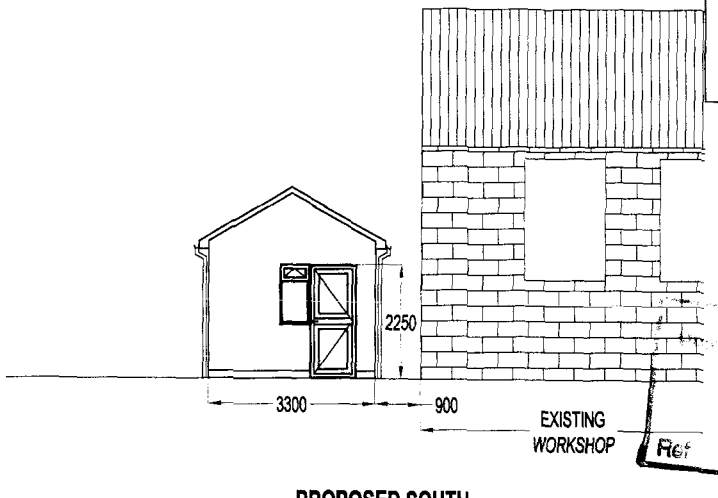
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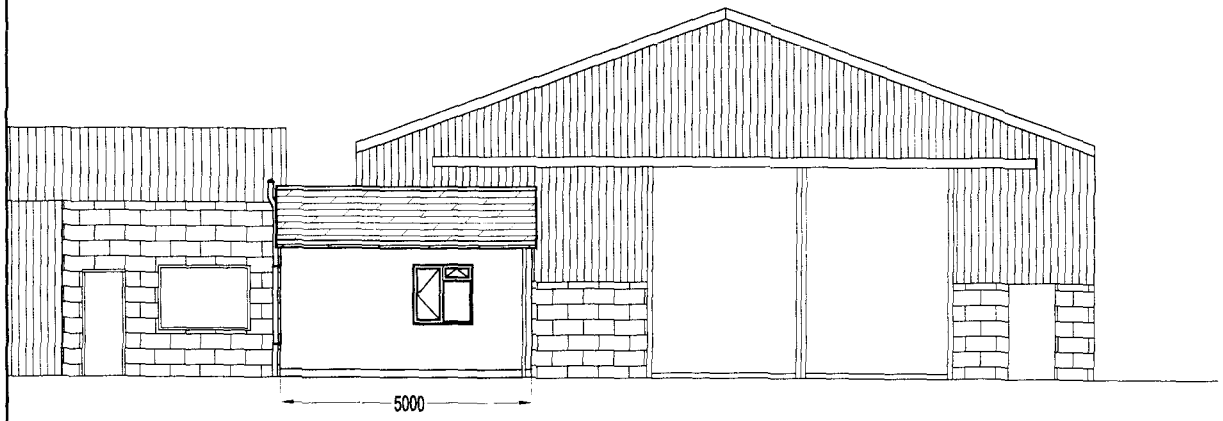
PROPOSED NORTH ELEVATION



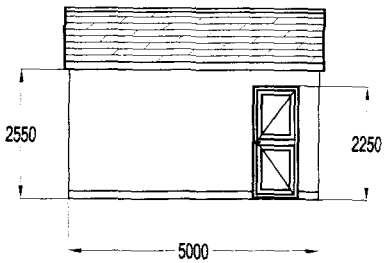
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Ref C/06/102

PROPOSED SOUTH ELEVATION

APPLICATION SITE ADDRESS
JEX ENGINEERING
2, AUSTENDYKE ROAD,
WESTON HILLS, SPALDING



PROPOSED WEST ELEVATION



PROPOSED EAST ELEVATION

REV	DATE	DESCRIPTION	INIT
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REVISIONS

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Client: JEX ENGINEERING

Drawing Title:
PROPOSED OFFICE ELEVATIONS

Scale: 1:100 @ A3

Drawn By: MS

Date: 09.08.02

Drawing No: D105

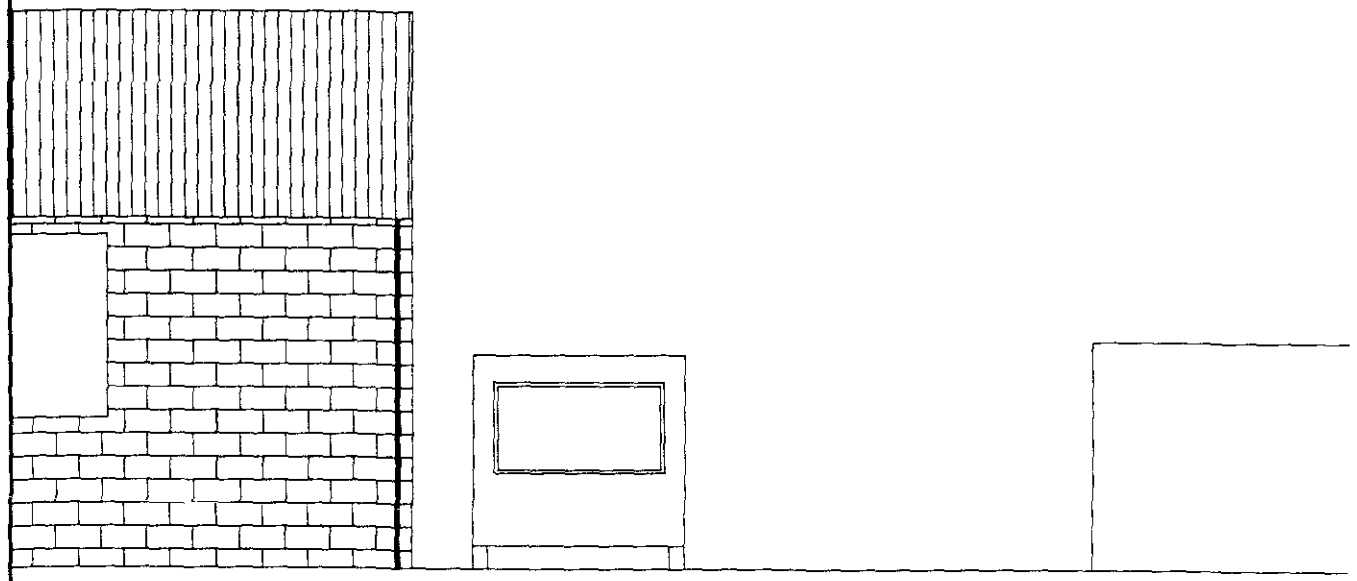
Rev issue: A

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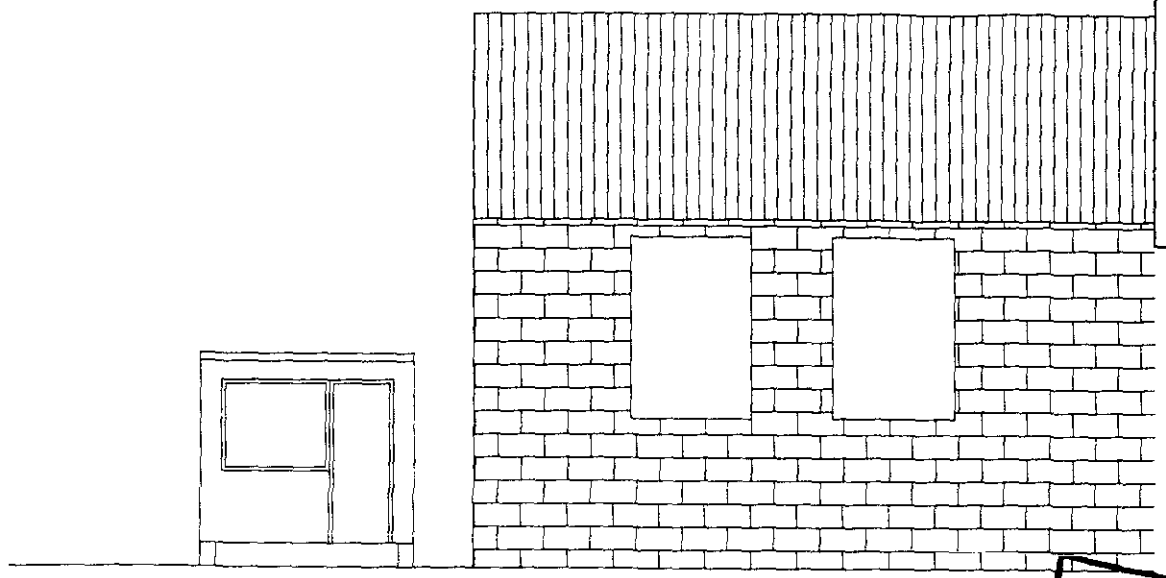
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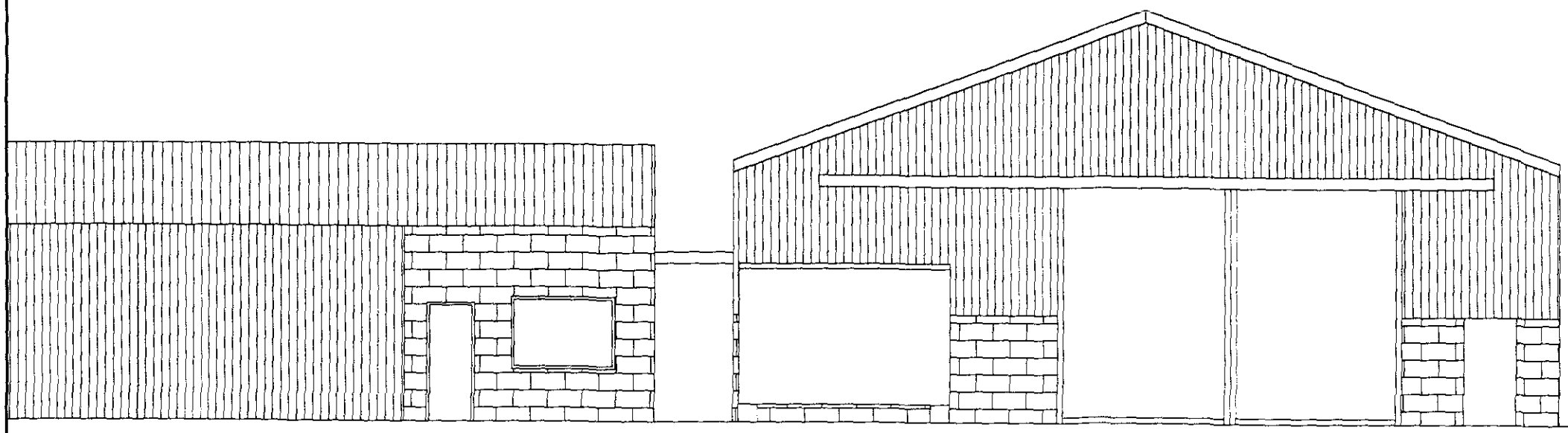
EXISTING NORTH ELEVATION



EXISTING SOUTH ELEVATION

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APPLICATION SITE ADDRESS
JEX ENGINEERING
2, AUSTENDYKE ROAD,
WESTON HILLS, SPALDING



EXISTING WEST ELEVATION

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REVISIONS

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Client : JEX ENGINEERING

Drawing Title : EXISTING OFFICE ELEVATIONS

Scale : 1:100 @ A3

Drawn By : MS

Date : 09.08.02

Drawing No : D104

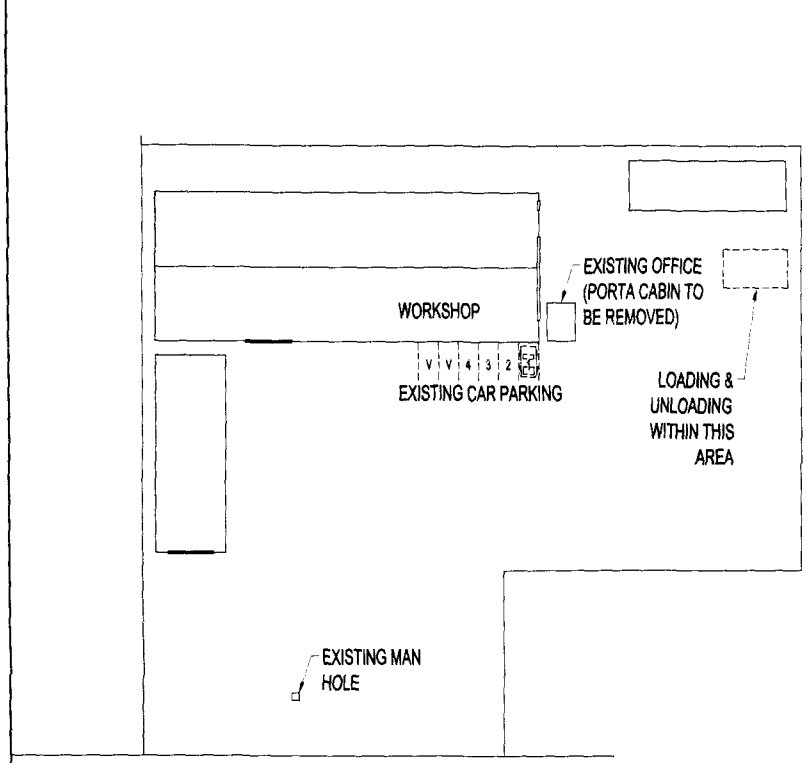
Rev Issue: A

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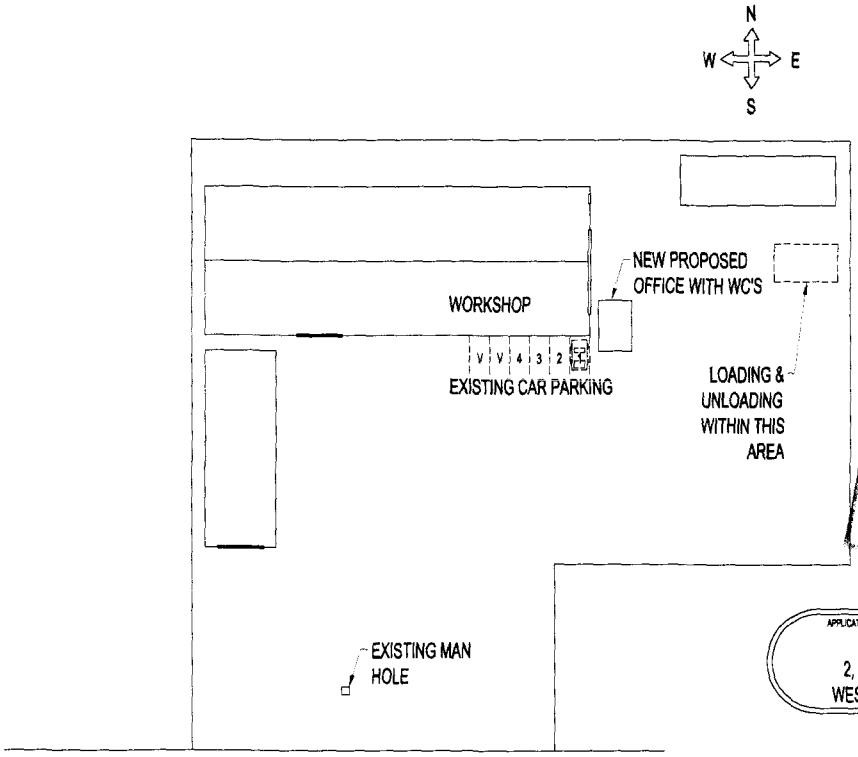
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EXISTING BLOCK PLAN OF SITE



PROPOSED BLOCK PLAN OF SITE

Planr
22 AUG
09651/02

APPLICATION SITE ADDRESS
JEX ENGINEERING
2, AUSTENDYKE ROAD,
WESTON HILLS, SPALDING

REV.	DATE	DESCRIPTION	INIT
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REVISIONS

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Client: JEX ENGINEERING

Drawing Title: EXSITING/PROPOSED BLOCK PLANS

Scale: 1:500 @ A3

Drawn By: MS

Date: 09.08.02

Drawing No: D103

Rev. Issue: A