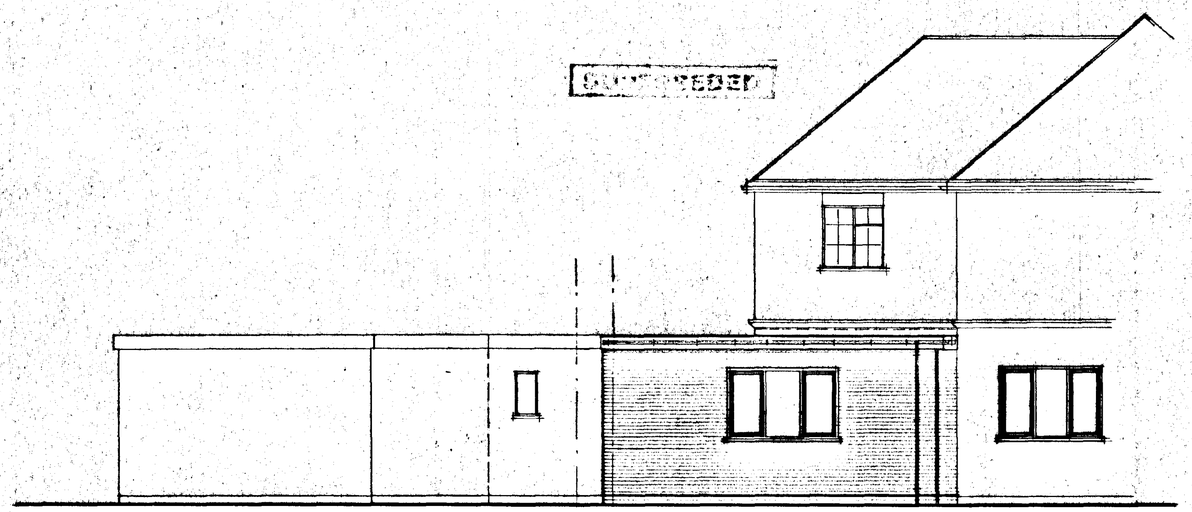
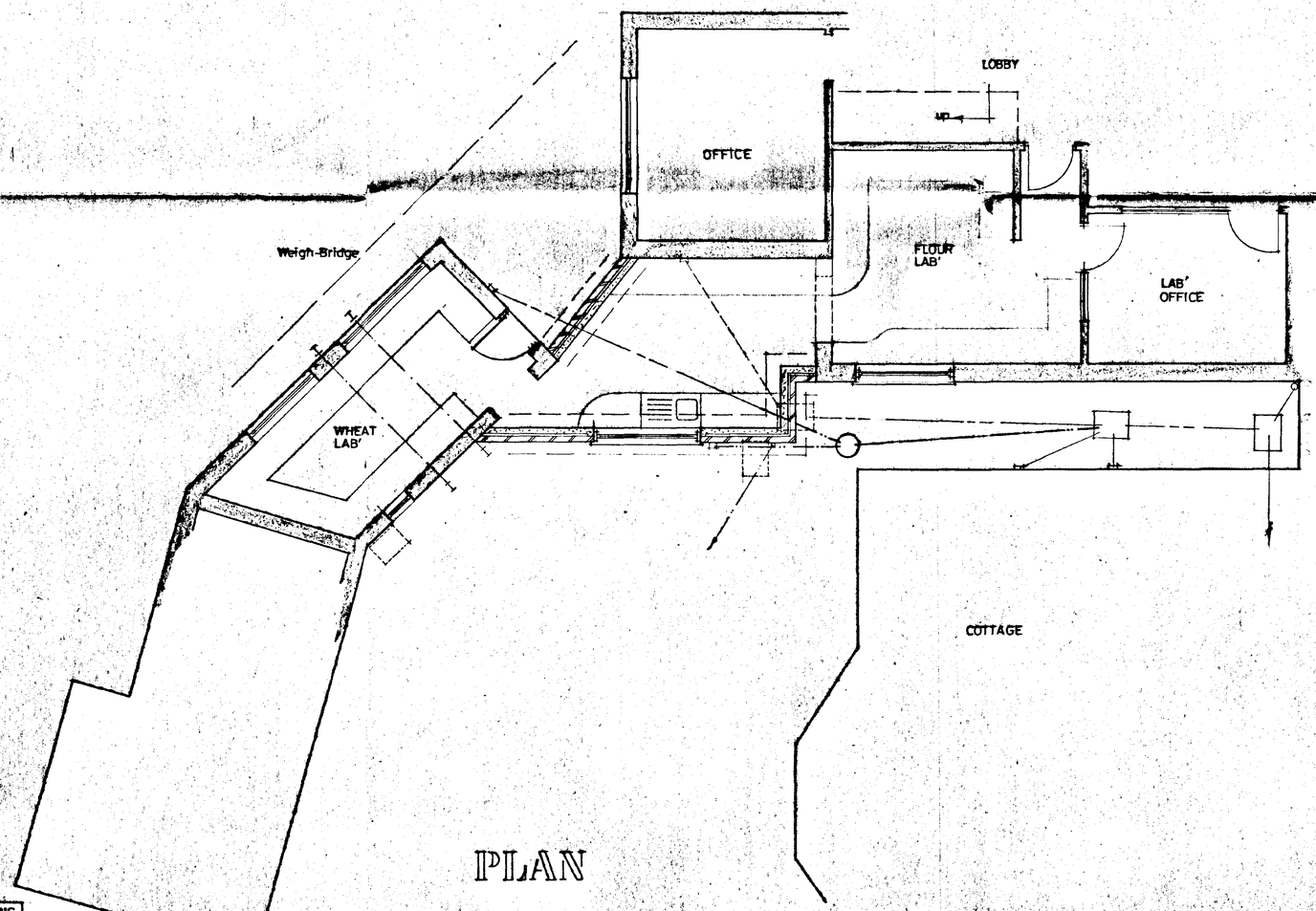
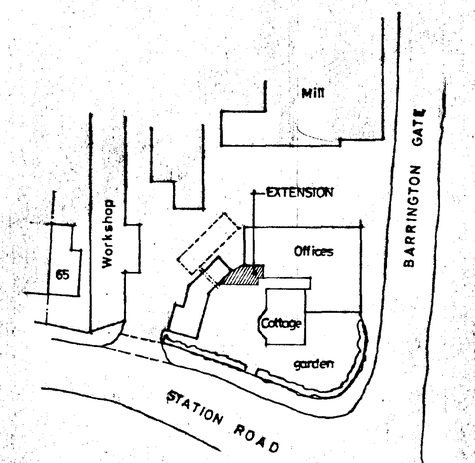


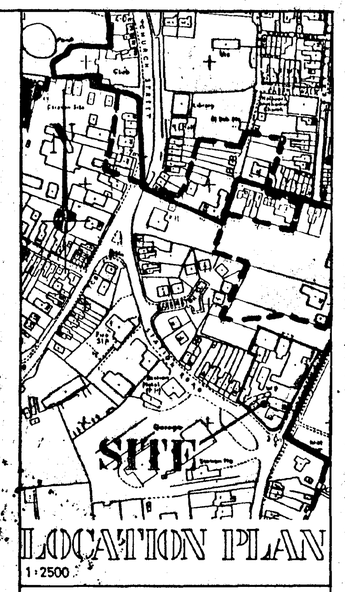
ELEVATION




PLAN




SITE PLAN
1 : 500




LOCATION PLAN
1:2500

SUPERSEDED

SOUTH HOLLAND DC
HOUSING & PLANNING
0 3 APR 1998
Ref: 0315/98

**G. R. MERCHANT**
I.ENG AMICE, FIWO,
ARCHITECTURAL, STRUCTURAL
& LAND DRAINAGE CONSULTANT
TEL: HOLBEACH (01406) 490800

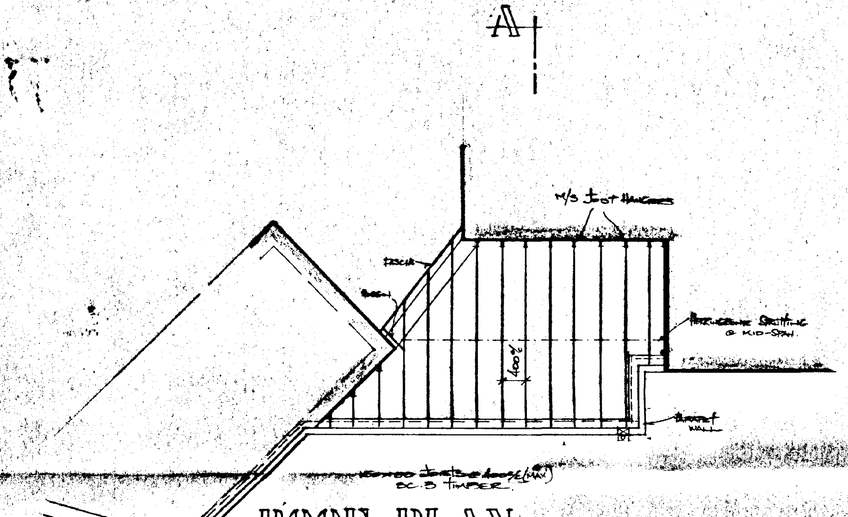
PROJECT:
*OFFICE EXTENSION*

CLIENT:
*SMITHS FLOUR MILL*
*BARRINGTON GATE,*
*HOLBEACH*

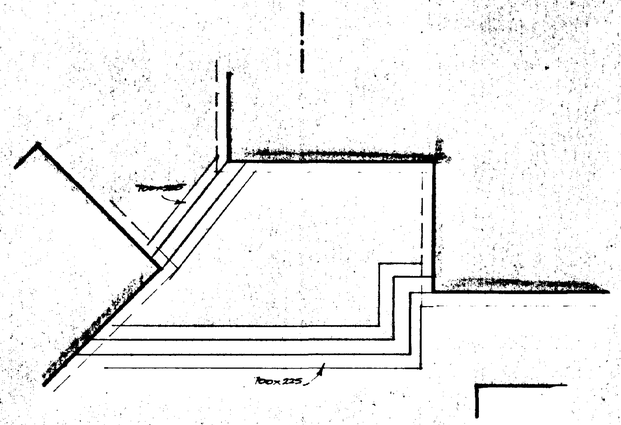
| SCALES: | DATE: |
|---|---|
| *1/50 1/100* | *MARCH 1998* |
| G.R.MERCHANT. | DRAWING No.: *SFM.01* |

REVISIONS:

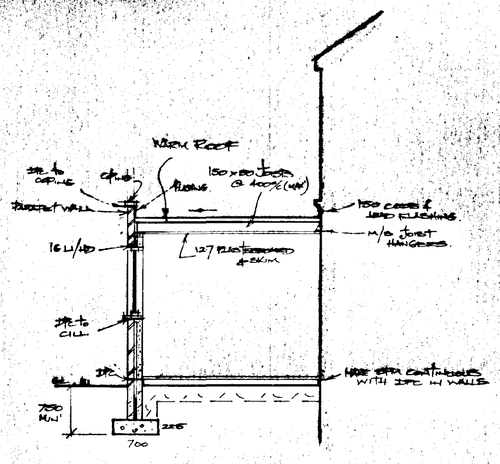
**DO NOT SCALE FROM THIS DRAWING**
This drawing is copyright and may not be altered, traced, photographed or used for any purpose other than that for which it is issued.
The General Contractor is to check all dimensions on site and report discrepancies to the Architect.
All details shown on this drawing including foundations are based upon typical site conditions related to the area. No responsibility can be accepted for abnormal conditions which may be discovered during construction unless reported to the Architect so that design amendments may be considered. Site soil surveys are recommended in respect of foundations to establish specific site conditions before foundation work is undertaken.




ROOF PLAN




FOUNDATION PLAN




SECTION AA

**DO NOT SCALE FROM THIS DRAWING**

This drawing is copyright and may not be altered, traced, photographed or used for any purpose other than that for which it is issued.
The General Contractor is to check all dimensions on site and report discrepancies to the Architect.
All details shown on this drawing including foundations are based upon typical site conditions related to the area. No responsibility can be accepted for abnormal conditions which may be discovered during construction unless reported to the Architect so that design amendments may be considered. Site soil surveys are recommended in respect of foundations to establish specific site conditions before foundation work is undertaken.

SUBMIT 2799 4367

ROOF CONSTRUCTION(WARM ROOF)
12.7mm white spar chippings bedded on bitumen on 3 No. layers of built up felt (first layer asbestos based), on compatable 50mm CFC free urethane foam Kingspan (or similar) on 12.5mm external grade plywood decking on 50mm to 0mm firrings. SC.3 timber joists as detailed at 400mm centres. Provide 30mm x 5mm M.S. anchor and lateral restraint straps to joists fixed to walls @ maximum 1800mm centres. Form all necessary felt drips and flashings including tilting fillets and keep felt drips clear of fascia boarding.

FASCIAS
To be wrot ex 25mm nominal thickness painted softwood with rebate for soffit. Frame out in 38 x 25 S/W for soffit support.

CEILINGS
Provide and fix 12.7mm GYPROC Wallboard to all new ceilings. Nog all perimeters and board joints prior to fixing plasterboard to fully support sheeting. Fix GYPROC coving and skim finish to ceiling.

GROUND FLOOR
65mm mortar screed reinforced with chicken wire on 500 gauge polythene separating layer on 50mm Jablite (or similar) polystyrene insulation on 100mm thick ST4 concrete sub-floor on 1200 gauge DPM lapped with DPC in walls. 150mm min hardcore, blinded and compacted. Excavate oversite to 100mm deep to remove topsoil of vegetation.

WALLS
Cavity work to be 265mm overall width comprising 100mm clay facing bricks, 65mm cavity filled with CROWN DRITHERM fibreglass insulation batts, 100mm load bearing "Tarmac Topblock" insulation blocks. Internal partitions to be in 100mm blockwork walling. Wall ties in cavity walling to be stout galvanised wire butterfly type at 900mm centres horizontally and 450mm centres vertically every alternate tie course to be staggered 450mm. At openings provide ties at 225mm centres vertically within 225mm of the openings.

SUB STRUCTURE WALLS
To be in TYPE A dense aggregate concrete blockwork up to ground level. Cavity to be filled with lean mix concrete.

VENTILATION
Natural ventilation area of windows to be not less than 1/20 of room floor area. Windows to have 4000mm squared night vents.

FLASHINGS
All flashings, soaker etc to be in CODE 4 sheet lead properly cut, dressed and fixed.

SOAKAWAYS
To be a minimum 5.0 metres from any building and to be 1 cu.m. rubble filled with inlet pipe discharging to centre of soakaway.

PLASTERWORK
Walls to be plastered cement:lime:sand render with skim finish a total of 13mm thick including reveals and lintel soffits.

HOT WATER AND HEATING ETC
Hot water to be supplied by instant electric wall heaters. Heating of extension to be provided by electric night storage radiators.

ELECTRICAL INSTALLATION
All work to be carried out in accordance with the latest I.E.E. Regulations. Extend electrical circuits from consumer unit in ring mains and install lighting and power points in position as directed.

DECORATION
Allow for decorating all new surfaces, ensure full and proper preparation of all surfaces in accordance with the coating manufacturers specification.

PROTECTED GLAZING AREAS
Provide toughened glass to BS:6206, 1981 to following areas. To all windows within 800 of finished floor level. To all door glazing within 1500 of finished floor level. This applies to side screens also within 300 of door. Protected glazing to be permantly marked with BS: kite mark.

SMOKE ALARMS
Provide mains operated self-contained smoke alarm that conforms to BS:5446, Part 1. More than one smoke alarm should be inter-connected.
NOTE: Smoke alarms to be permanently wired to a separate fused circuit at the distribution board.
Also read in conjunction with approved manufacturers instructions. (see position on drawing).

DAMP PROOF COURSES
Provide embossed heavy duty polythene dpc material at 150mm minimum above ground level in all leafs of cavity walling, piers and columns. Dpcs to be linked with dpm. Also provide vertical and horizontal dpcs around openings for windows and doors in cavity walls and similar material as cavity trays over lintels, with at least 2 No. weep holes per opening not more than 450mm apart.

FOUNDATIONS
Mass concrete ST 4 strip 700mm wide x 225mm thick under cavity walling, 450mm x 225mm under partition walls. Excavations shall be down to a firm consistent, loadbearing stratum to the approval of the Local Authority Building Control Officer.

LINTELS
To be I.G.L1/HD in cavity wall openings generally, unless stated otherwise. All lintels to have minimum 150mm end bearing and installed strictly in accordance with the makers instructions. Faces of all lintels to be covered with at least 15mm of lightweight plaster.

WINDOWS AND DOORS
Windows to be white UPVC unless otherwise indicated. All windows to be double glazed (12mm sealed unit type). Windows to be fitted with adjustable ventilators in sash or frame head to give minimum 4,000 sq mm ventilation. Windows to be fully draughtproofed.

ABOVE GROUND DRAINAGE
Sink wastes 40mm dia, use polypipe push fit pipework, all traps to be 75mm deep seal, all pipework etc to be accessible throughout their runs for cleansing repair and replacement. Sink to discharge to back inlet gully with pull out stopper for rodding.

UNDERGROUND DRAINAGE
100mm UPVC pipe to fall 1:80 with 100mm peagravel bed and surround. Inspection chambers to be 450mm dia preformed plastics installed to manufacturers instructions complete with cover and frame. 450mm dia inspection chambers not to exceed 1m below ground level. Back inlet gullies to be of the roddable type. Drain runs with less than 300mm ground cover to have paving slab protection over trench on top of peagravel, omit where concrete path cast over pipe runs, where drains pass under driveways protect in a similar manner. Where drains pass through cavity walls support over each leaf with precast concrete lintel and provide 50mm space all round the pipe, wrask opening both sides with rigid sheet material to prevent entry of fill or vermin.(Reg H1-A14. Diagram A1.)

RAINWATER GOODS
PVC gutters 115mm ½ and 68mm dia down pipes to match including all bends outlets, clips, brackets, connectors etc and connect to underground drain to soakaway.

AMENDED PLAN
Ref.

SOUTH HOLLAND DC
HOUSING & PLANNING
13 MAY 1998
Ref: 0085/98

DETERMINED PLAN

4. 11.5.98. FRONT WALL & OFFICE - CONSTRUCTION OMIT

**G. R. MERCHANT**
I.ENG AMICE, FIWO,
ARCHITECTURAL, STRUCTURAL
& LAND DRAINAGE CONSULTANT
TEL: HOLBEACH (01406) 490800

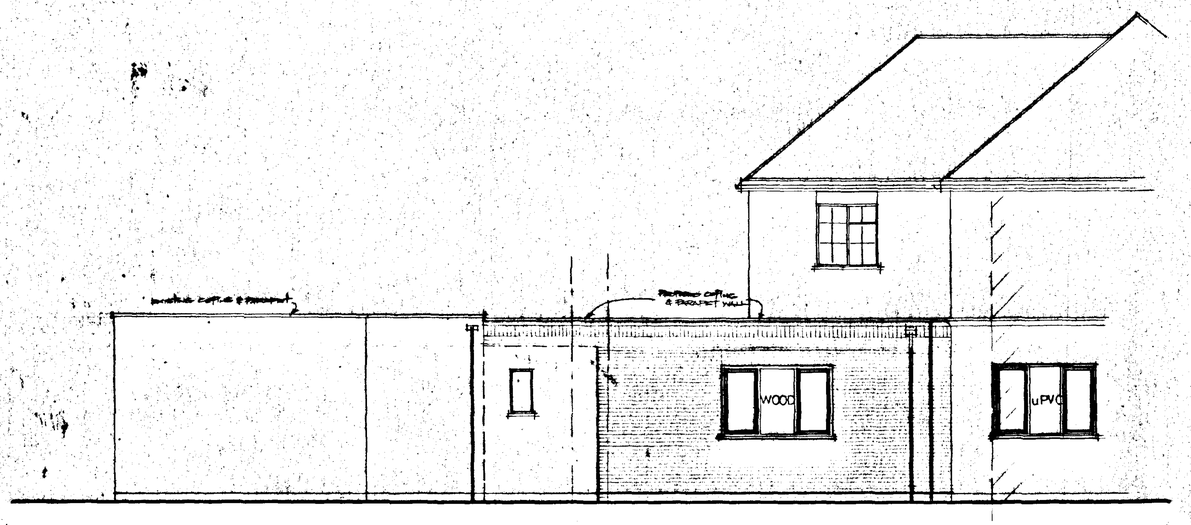
PROJECT:
*OFFICE EXTENSION*

CLIENT:
*SMITHS FLOUR MILL*
*BARRINGTON GATE*
*HOLBEACH*

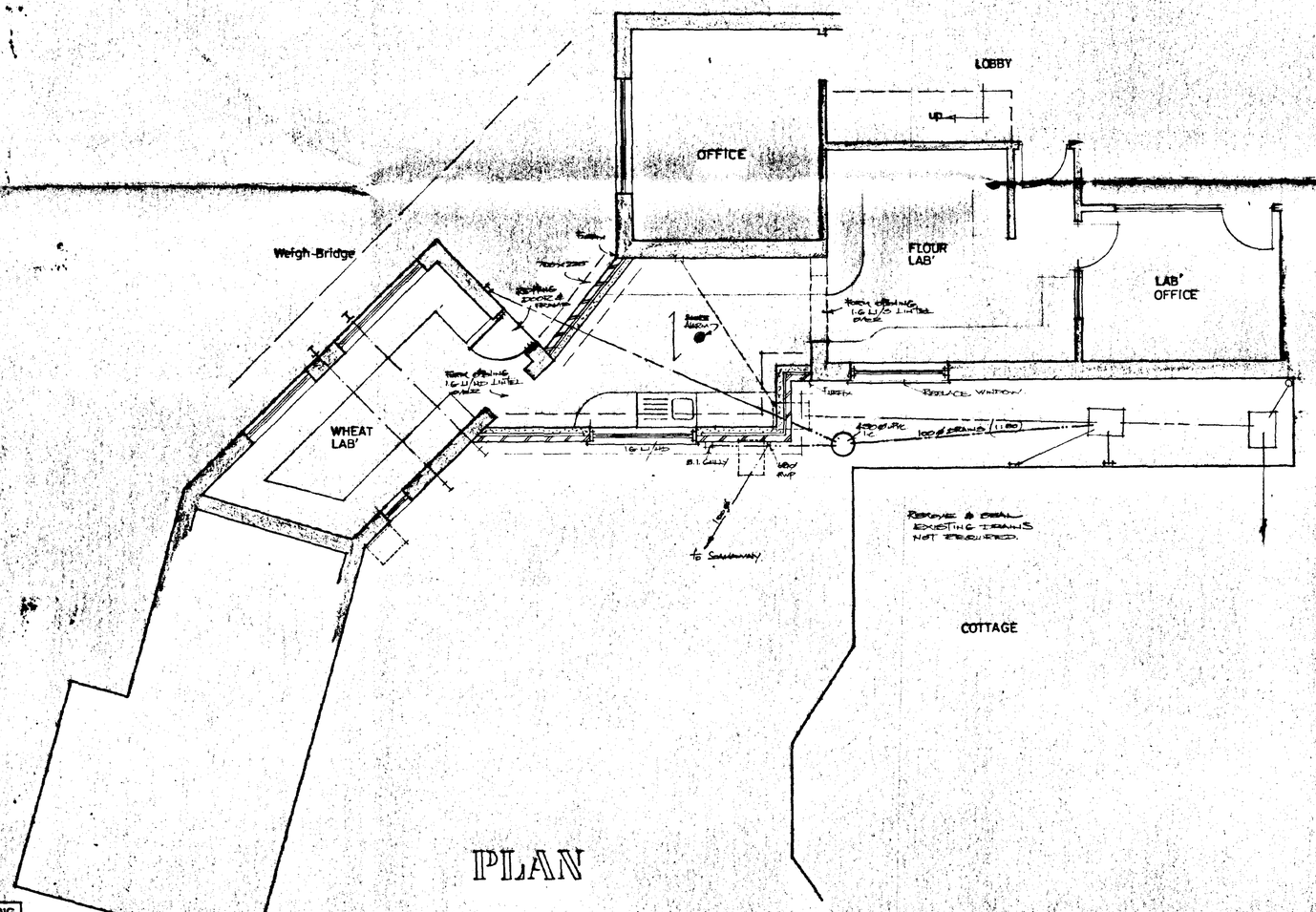
| SCALES: | DATE: |
|---|---|
| *1/50* | *APRIL 1998* |
| G.R.MERCHANT. | DRAWING No.: *SFM.02 A* |

REVISIONS:
A

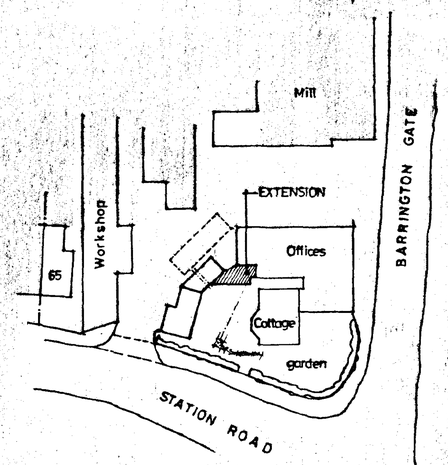
8046-11947



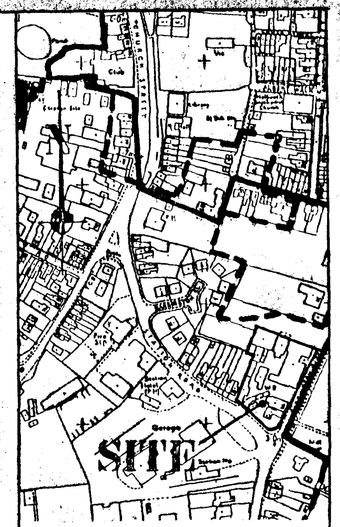

ELEVATION




PLAN




SITE PLAN
1 : 500




LOCATION PLAN
1:2500

AMENDED PLAN
Ref.

SOUTH HOLLAND DC
HOUSING & PLANNING
13 MAY 1998
Ref: 0565/98

DETERMINED PLAN

G. R. MERCHANT
I.ENG AMICE, FIWO,
ARCHITECTURAL, STRUCTURAL
& LAND DRAINAGE CONSULTANT
TEL: HOLBEACH (01406) 490800

PROJECT:
*OFFICE EXTENSION*

CLIENT:
*SMITHS FLOUR MILL*
*BARRINGTON GATE.*
*HOLBEACH*

| SCALES: | DATE: |
|---|---|
| *1:50 1:100* | *MARCH 1998* |
| G.R.MERCHANT. | DRAWING No.: *SFM.01 A.* |

REVISIONS:
A.

DO NOT SCALE FROM THIS DRAWING
This drawing is copyright and may not be altered, traced, photographed or used for any purpose other than that for which it is issued.
The General Contractor is to check all dimensions on site and report discrepancies to the Architect.
All details shown on this drawing including foundations are based upon typical site conditions related to the area. No responsibility can be accepted for abnormal conditions which may be discovered during construction unless reported to the Architect so that design amendments may be considered. Site soil surveys are recommended in respect of foundations to establish specific site conditions before foundation work