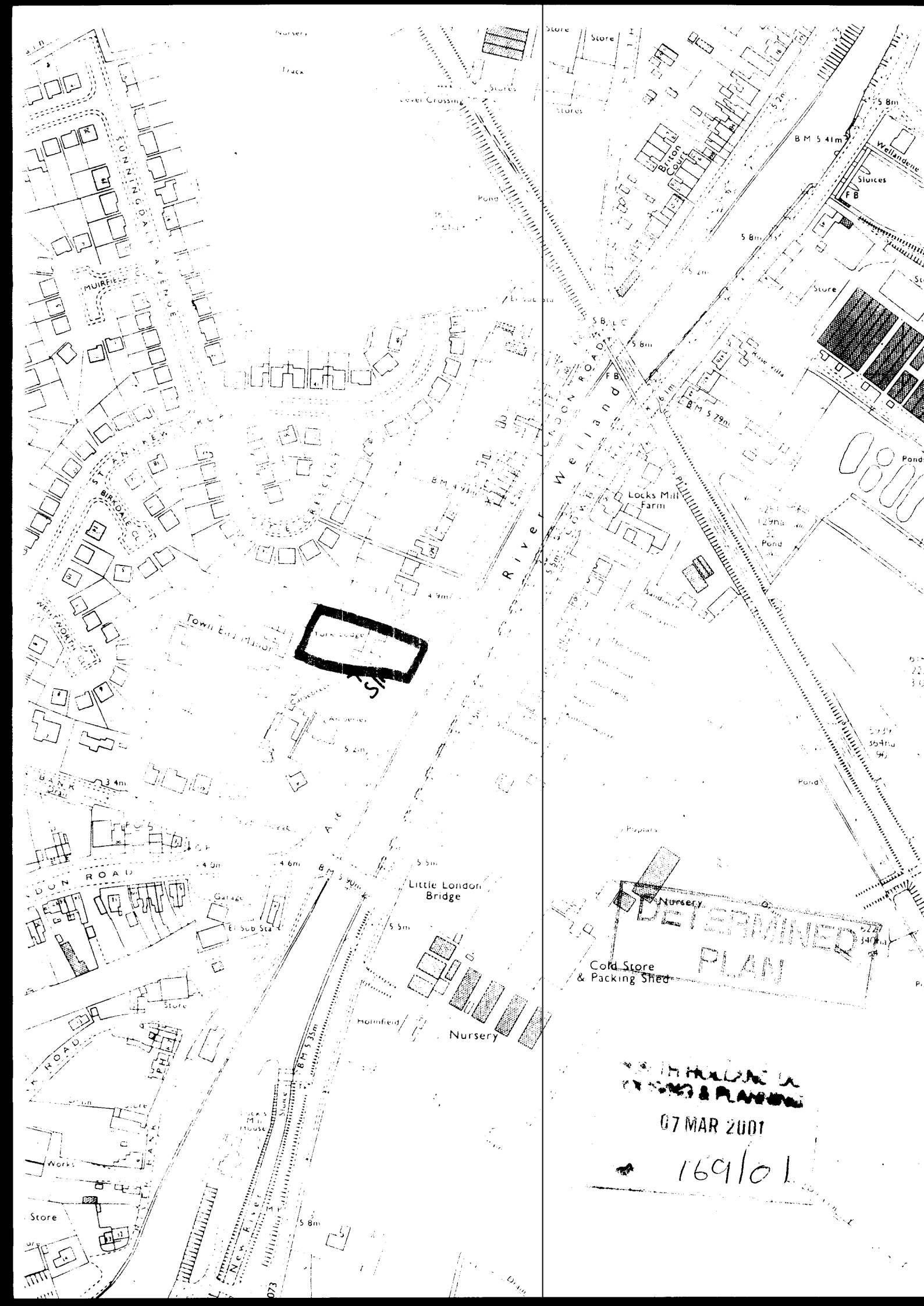
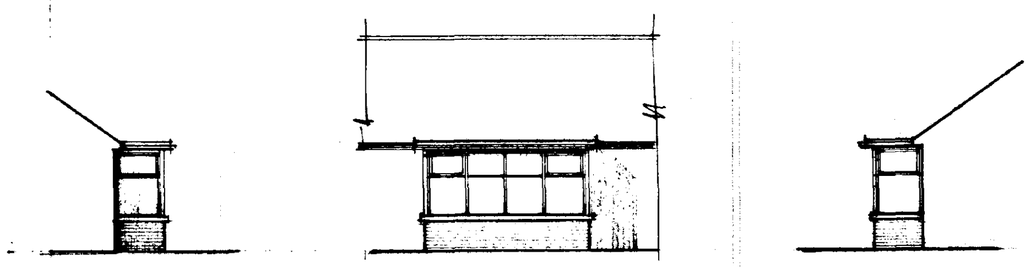

Nursery
Track
Level Crossing
Stores
Pond
MUIRFIELD
Store
Stores
B M 5 41m
Wellandene
Sluices
F B
5 8m
Store
S B, L C
5 8m
F B
B M 5 79m
Pond
Locks Mill Farm
Pond
Pond
Town Bridge
Little London Bridge
Garage
Nursery
Cold Store & Packing Shed
Holmfield
Nursery
Store
Works
Store
5 8m
DETERMINED PLAN
07 MAR 2001
169/01



west south east

FOUNDATIONS

Foundations to be ST4 grade concrete

For 265mm walls foundations to be 700 x 230mm

Foundations to be taken down to a firm loadbearing strata, a min. 1.0m if in shrinkable sub soil, in accordance with the requirements of the Local Authority Building Control Dept. and in accord with the NHBC guidelines for building near trees.
Site soil surveys are recommended in respect of foundations to establish specific site conditions before foundation work is undertaken.

FLOOR CONSTRUCTION

Ground
Timber floor finish to match extg on
65mm sand/cement screed reinforced with chicken wire mesh
500g polythene separating membrane
90mm Jablite SD floor insulation (k = 0.037W/m°C)
100mm ST4 grade oversite concrete
1200g polythene damp proof membrane lapped with dpc in wall and with extg damp proof membrane to extg floor construction
25mm sand blinding
100mm compacted hard-core - if in excess of 100mm fill, to a max. 600mm, the hard-core is to be laid and compacted in layers not exceeding 150mm.
Strip off all vegetable soil beneath proposal.

WALL CONSTRUCTION

Below Ground
To be 100mm Class A concrete blocks
Cavity to be filled to 225mm below lowest dpc level with lean mix concrete

Above Ground
To be 265mm o/a constructed as follows :-

100mm facing brick (to be FL quality below dpc level)
65 mineral wall insulation i.e. Dritherm (k = 0.036)
100mm loadbearing insulation blocks i.e. Hemelite (k = 0.44)

All to be tied together using stainless steel wall ties positioned at distance not exceeding 900mm horizontally, 450mm vertically and staggered. To be at every block course vertically at all returns and reveals.

Internal finish to be 12mm render with gypsum plaster skim finish to give a 'U' value of 0.414W/m²K

DPC in Walls
To be a min. 150mm above finished ground level
An insulating vertical cavity closer and dpc, i.e. Thermabate, is to be provided to all cavity closures.

A dpc cavity tray, stepped as applicable, is to be constructed within the wall immediately above an abutment

WINDOWS & DOORS

Extg window to be re-used
Windows to be purpose made uPVC double glazed with 12mm air gap to sealed units and weather stripped.

Window to incorporate a controllable trickle vent of 8000mm².

Glazing to windows less than 800mm and doors (include sidelights to doors) less than 1500mm above floor level is to be laminated or toughened glass in accord with BS6206 : 1981.

VENTILATION

All habitable rooms are to have windows containing opening vents, the combined total of which is equal to not less than 1/20th of the floor area of the room.

HOT WATER SYSTEM

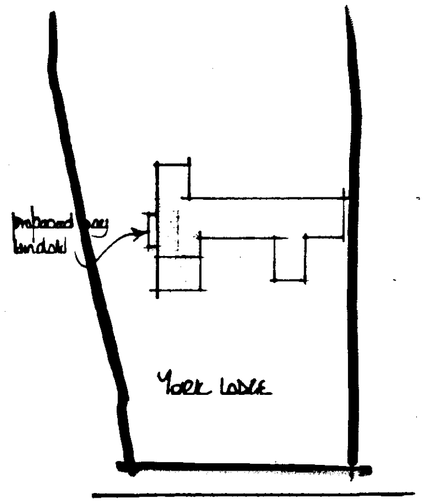
Radiator valves are to be installed.

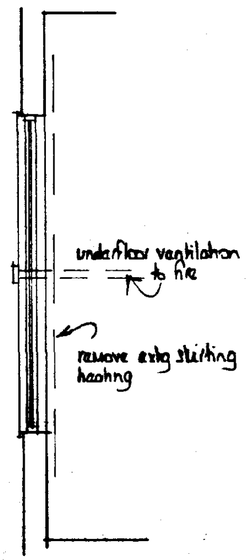
All pipes not contributing to useful heat requirements are to be insulated using an insulation material with a thermal conductivity not exceeding 0.45W/mk and a thickness equal to the external diameter of the pipe up to a max. of 40mm.

FLAT ROOF CONSTRUCTION

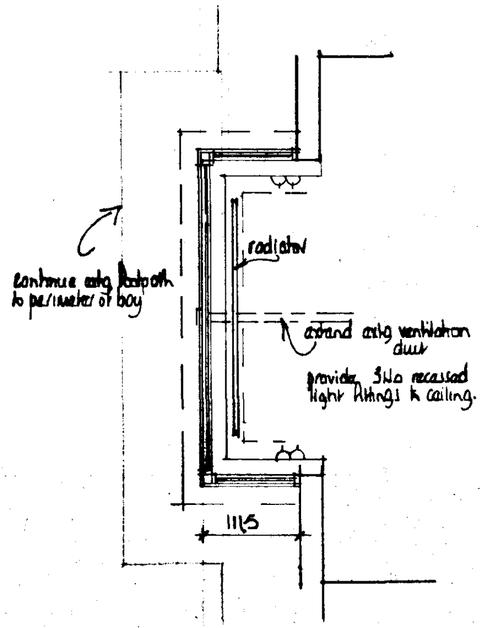
Code 6 lead sheeting and underlay laid in accordance with the standard details of the Lead Sheet Manual and dressed up the existing pitched roof a min. 450mm.
60mm Celotex EL2 insulation board
18mm exterior grade plywood decking
Firrin pieces to give a fall of 1 : 80
100 x 50mm SC3 grade joists at 400mm cts
12.7mm foil backed plasterboard and skim finish

Supply and install pvc gutters and fix to fascia with all necessary brackets, stop ends, outlets etc. Fascia level to match extg to enable the extg gutter line to continue round the proposed bay window.

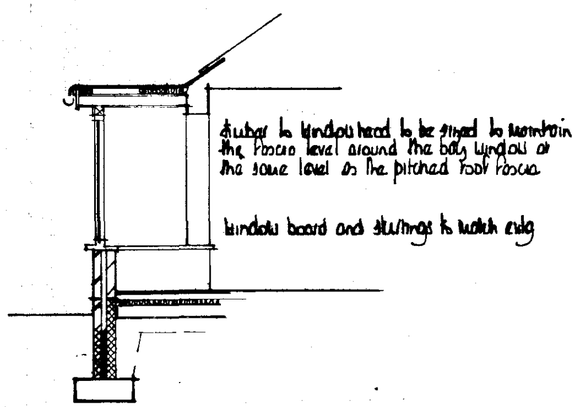




extg



proposed



section

SOUTH HOLLAND DISTRICT COUNCIL
07 MAR 2001
Rec'd
169/01

DETERMINED PLAN

A		
	Date	Revisions

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Tel: Spalding (0775) 767968

Client
Mr. & Mrs J Stanfield

Job Title
Proposed Bay Window at
York Lodge
137 London Road
Spalding . Lincs

Drawing Title
Plans
Elevations
&
Section

Scale 1:50 . 1:100 . 1:500 @ A3

Date March 01 | Drawn by AL

Drg No 01/06/01 | Rev -