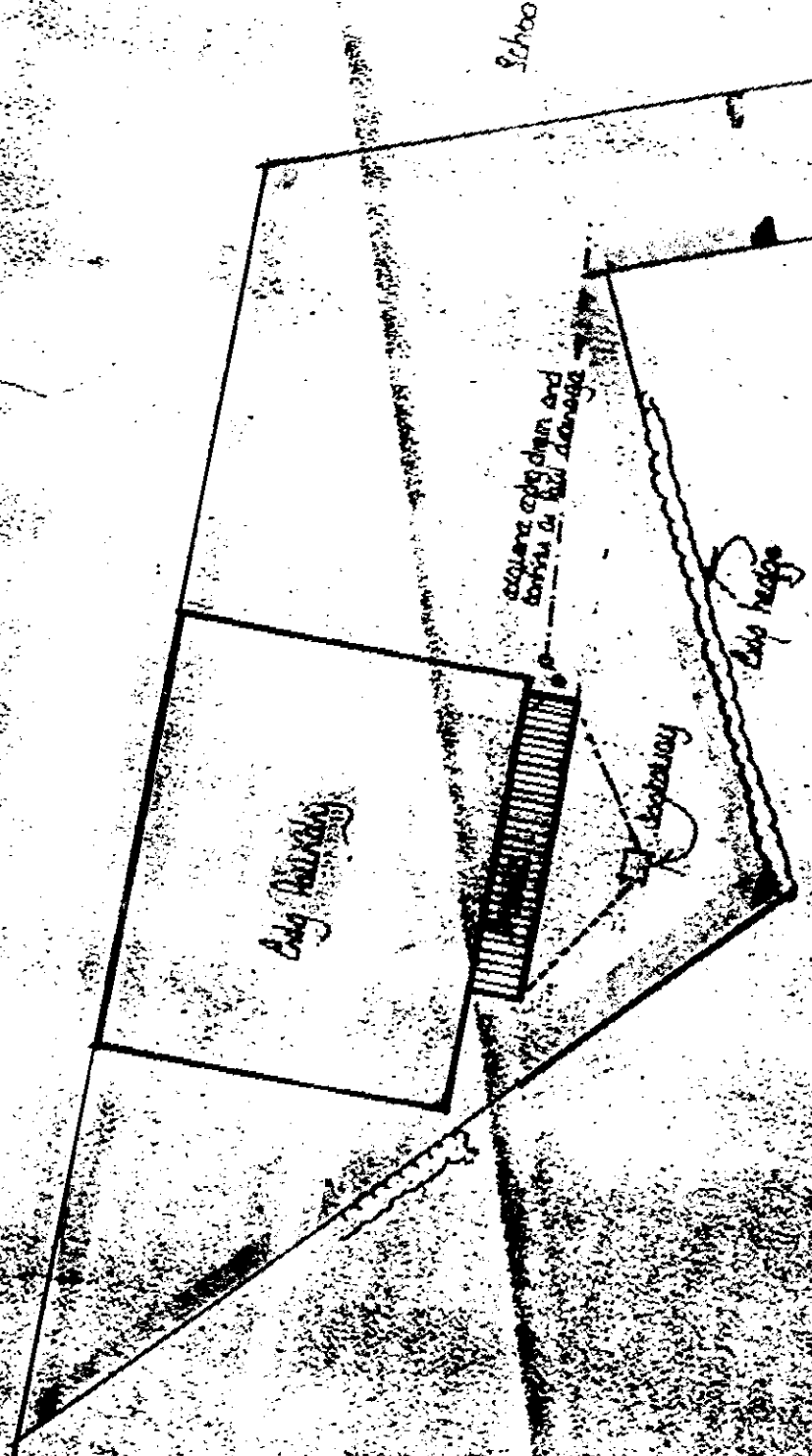
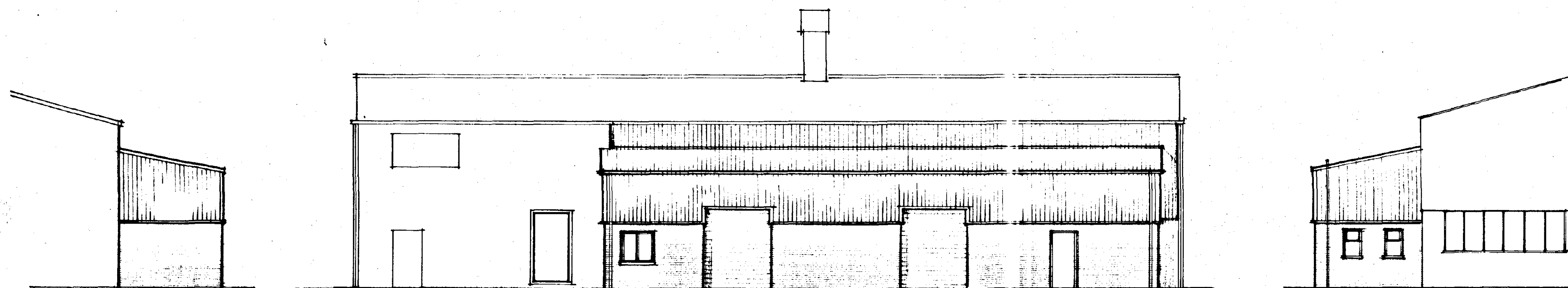


path leads



SOU - HOLLAND
HOUSING & PLANNING
17 JUL 1985
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black plan 1:500

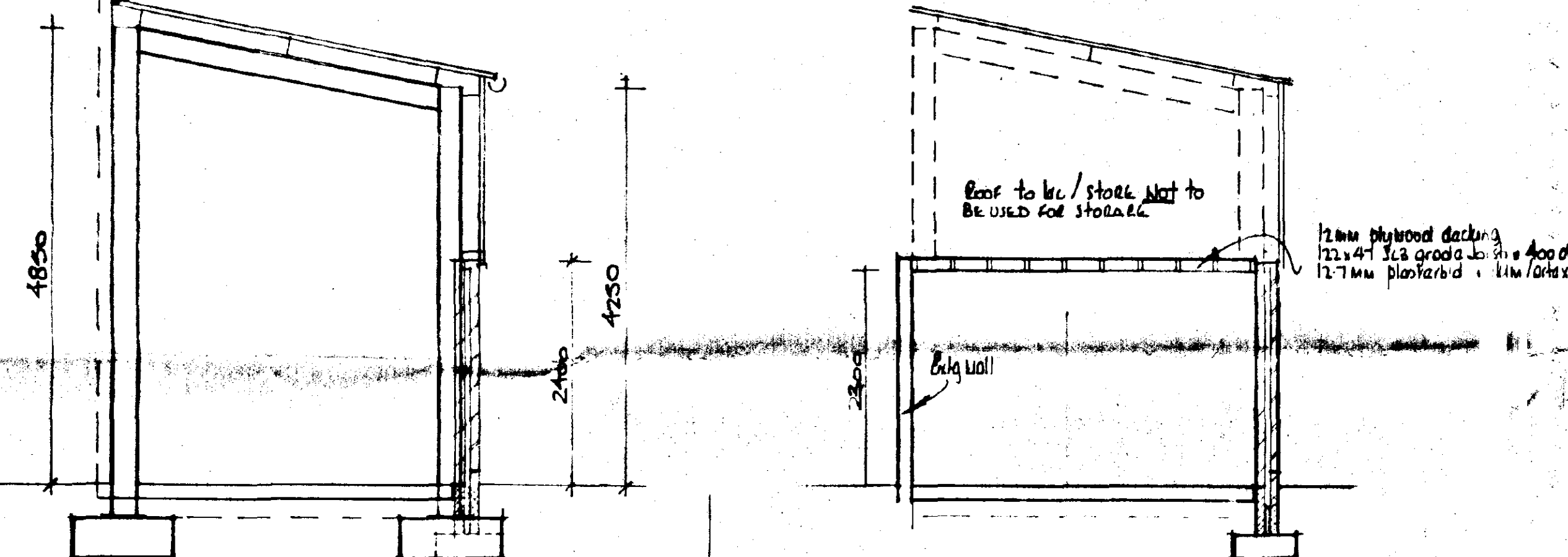


S. West

S. East

N. East

STRUCTURAL STEELWORK
All to be as specified by structural engineer's calculations.



a-a

b-b

FOUNDATIONS

Foundations to be S14 grade concrete
Pad foundations to columns to be as spec'd by structural engineer
For 265mm walls foundations to be 700 x 230mm
Foundations to be taken down to a firm loadbearing strata, min 1.0m if in shrinkable sub-soil, in accord with the requirements of the Local Authority Building Control Dept and in accord with the NBS 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
150mm concrete reinforced as spec'd by structural engineer with powerfloat finish.
1200g polythene damp proof membrane lapped with DPC in walls.
25mm sand blinding
150mm min. compacted hardcore - if in excess of 150mm fill, to a max 600mm, the hardcore 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 1:3 concrete.
Above ground
To be 265mm o/a constructed as follows:-
100mm facing brick (to be ft quality below dpc level)
65mm mineral wool insulation i.e. Dritherm
100mm load-bearing insulation blocks i.e. Hemelite, fairface finish internally
All to be tied together using stainless steel wall ties positioned at distances 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 skin finish (to toilet facilities only) to give a max 'U' value of 0.45W/m degree C.

Internal Walls
To be 100mm blockwork constructed off a dpc off the ground slab.
DPC in Walls
To be a min. 150mm above finished ground level.
An insulating vertical dpc i.e. Durothene is to be provided to all cavity closures.
Cladding
To be 100mm coated profiled metal cladding, 80mm glassfibre insulation, internal liner sheet.
All to achieve a 'U' value of 0.45W/m degree K and secured to galv. u.s. cladding rails at centres to suit cladding and as spec'd by structural engineer.

LINTELS

Lintels to all walls to be IG, or similar and equivalent, to have a min end bearing of 150mm and be installed in strict accordance with manufacturers instructions with a dpc cavity tray over where applicable.

Lintels over internal openings to be IG EXTERNAL 100 Lintels (or similar) unless specified otherwise.

Lintels to be protected with 13mm gypsum plaster skin finish to achieve a min. half hour fire protection.

WINDOWS & DOORS

Windows and doors to be Boulton & Paul, or similar, double glazed with sealed units and weather stripped.

Glazing to windows less than 600mm and doors (incl. side panels to doors) less than 1500mm above floor level is to be laminated or toughened glass in accord with BS6206:1981

DRAINAGE

Surface
Excavate for and lay in where indicated 150mm dia. flexible jointed UPVC drains on 100mm pea gravel bed from 150mm dia. upturned bend at base of downpipe to surface water soakaway.
Form soakaway where indicated a min 5.0m from the nearest building. Excavate 1500 x 1500 x 1500mm deep, backfill with brick rubble to 300mm below ground level, lay in sheet polythene and make up with vegetable soil.

Form soakaway where indicated a min 5.0m from the nearest building. Excavate 1500 x 1500 x 1500mm deep, backfill with brick rubble to 300mm below ground level, lay in sheet polythene and make up with vegetable soil.
Foul
Supply and install proprietary UPVC inspection chambers on 100mm pea gravel bed in strict accordance with manufacturers instructions.
Excavate for and lay in where indicated 100mm dia. flexible jointed UPVC drains on 100mm pea gravel bed at a gradient of 1:70
Where 100mm dia. drains pass through walls they are to be protected by the use of a lintel over. Both sides the wall to be masked with rigid sheet material with 50mm clearance of the pipe.
Install where indicated a 100mm dia. soil and vent pipe jointed to 100mm dia. upturned bend at base. Finish at top, a min. 900mm above window head height with a durable cage.
Install 32mm dia. pvc waste to hand basins with 75mm deep traps and connect to 50mm dia. common waste discharging to S & VP.
All waste pipes to have rodding access at each change of direction and be readily accessible throughout their lengths.
Above ground drainage to comply with BS5272:1978 Below BS5272:1978
All drainage items are to be installed in strict accordance with manufacturers instructions.

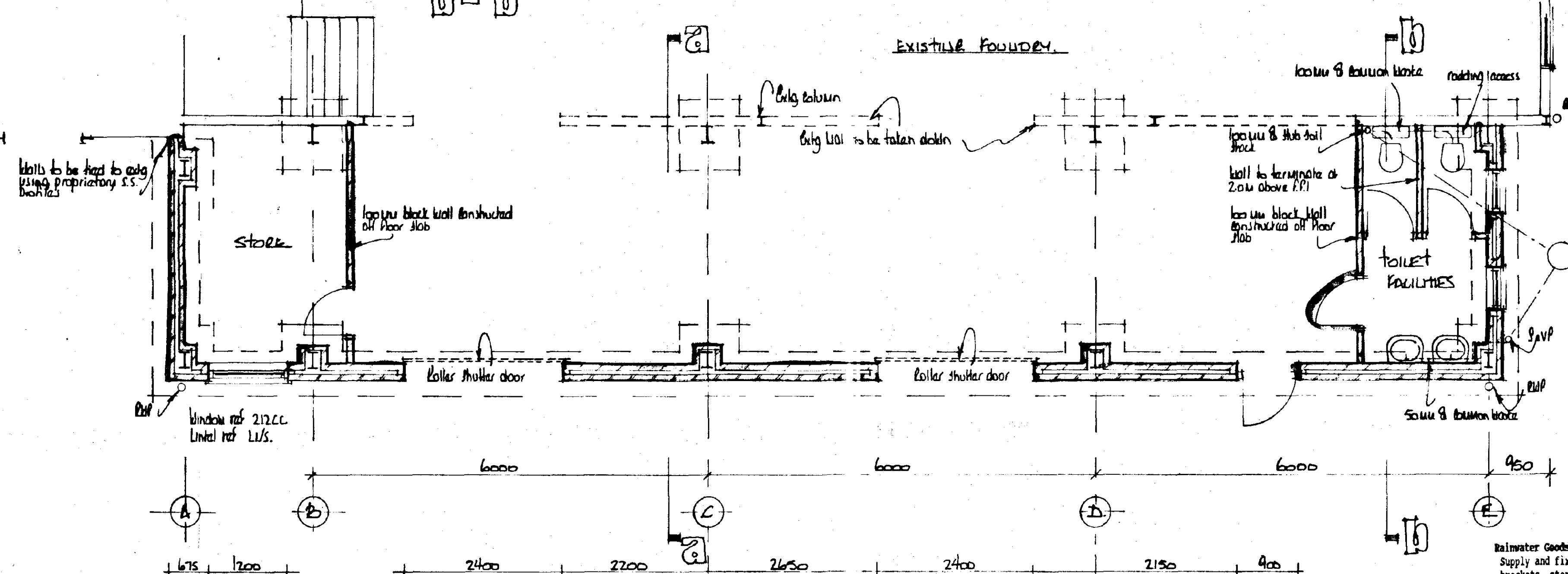
ROOF CONSTRUCTION

Cladding
Plastisol coated profiled metal cladding
80mm glassfibre insulation
Internal liner sheet.
All to achieve a 'U' value of 0.45W/m degree K and secured to galv. u.s. purlins at centres to suit cladding and as spec'd by structural engineer.

All to achieve a 'U' value of 0.45W/m degree K and secured to galv. u.s. purlins at centres to suit cladding and as spec'd by structural engineer.

DETERMINED PLAN

SOUTH HOLLAND DC
HOUSING & PLANNING
17 JUL 1995
Ref: HUL070495.



floor plan

REV	REMARKS	DATE
ALL WELDS mm C.F.W. U.N.O.	PAINT:	
SOUTH Lincs LTD CONSTRUCTION Bars Bridge Bourne Road West Pinchbeck Spalding Lincs. PE11 3QW Tel. 01775 640555 Fax. 01775 640679		
CLIENT: SOUTH Lincs PATTERS: FOUNDRY DIVISION SPALDING COMMUNITY SPALDING Lincs. PE11 3AS		
TITLE: Plans, sections, elevations of extension to foundry.		
DRAWN: BL	CHECKED:	
SCALE: 1:50, 1:100	DATE: MAR 95	
DRAWING No.	REV.	