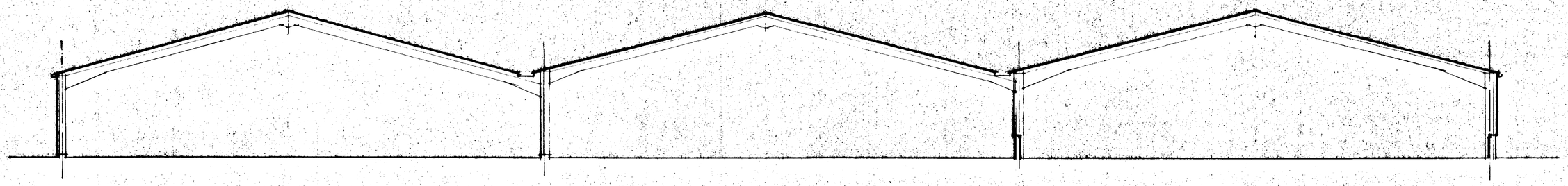
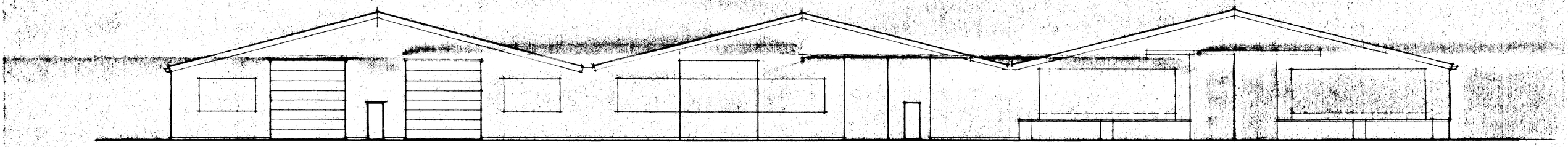


PLAN



SECTION THRO' FRONTAGE



FRONT (SOUTH) ELEVATION

PROJECT
PROPOSED OFFICE EXTENSION TO
C & D SHEDS FOR
O. A. TAYLOR & SONS.
AT HOLBEACH, SPALDING.

DRAWING TITLE

EXISTING DRAWING

SOUTH HOLLAND DC
HOUSING & PLANNING
24 DEC 1998
Ref: 1277/98

SCALE 1:100 DATE DECEMBER 1998

DRAWN Godfrey CHECKED

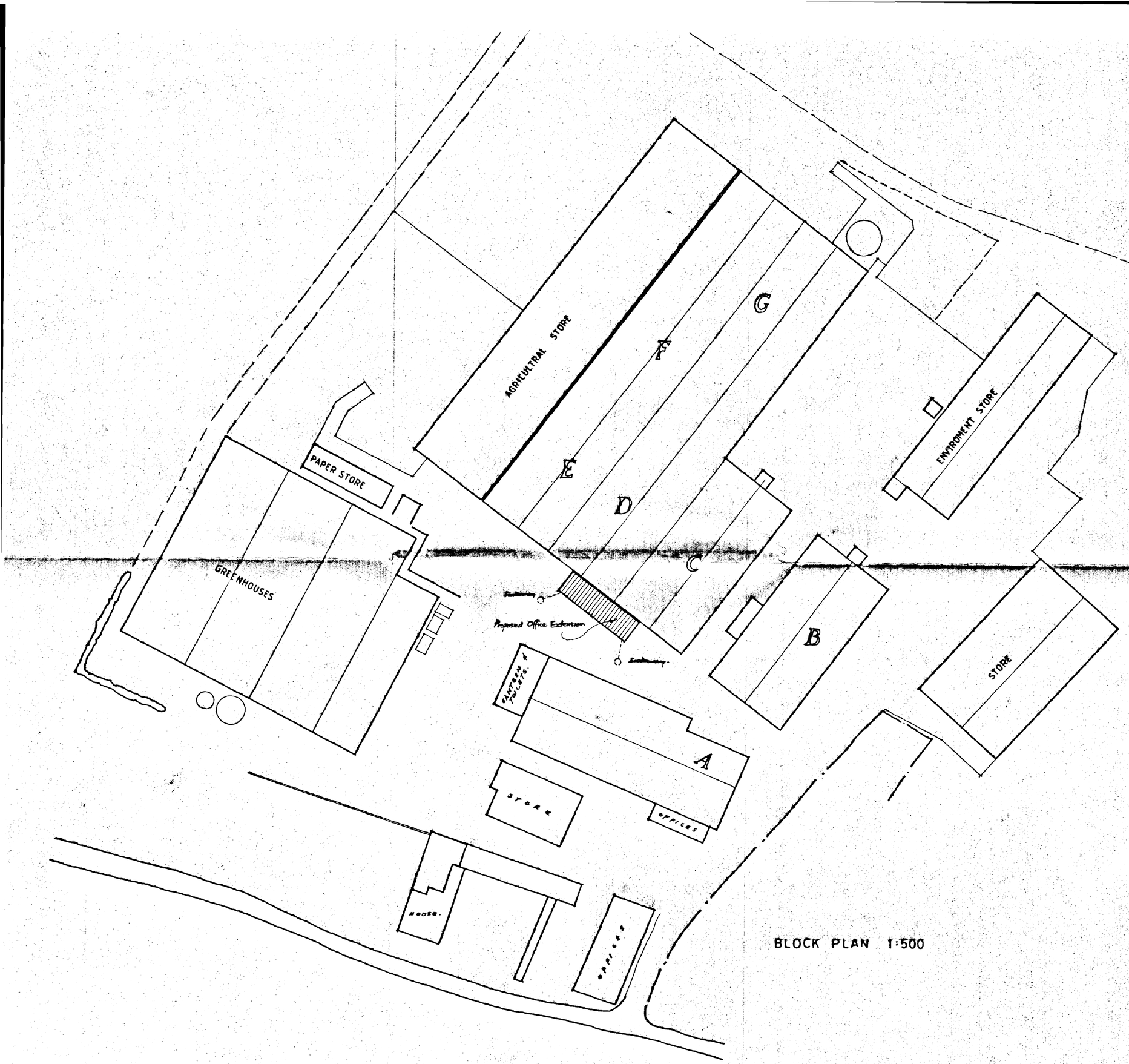
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DRAWING NUMBER REVISION
12/98/2185-3

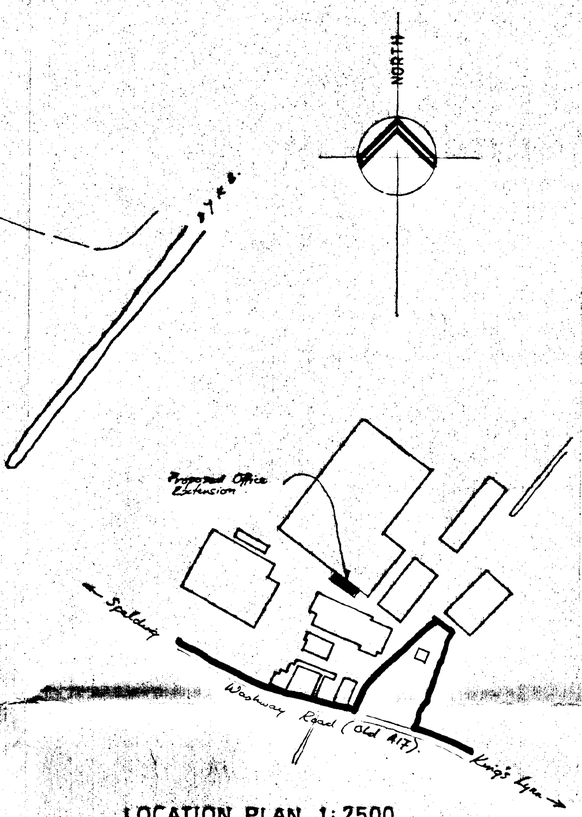
DETERMINED
PLAN

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BLOCK PLAN 1:500



LOCATION PLAN 1:2500

PROJECT
PROPOSED OFFICE EXTENSION TO C & D SHEDS FOR O.A. TAYLOR & SONS AT HOLBEACH, SPALDING.

DRAWING TITLE

SITE LAYOUT DRAWING

SCALE 1:500 DATE DECEMBER 1998

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SOUTH HOLLAND DC
HOUSING & PLANNING
24 DEC 1998
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DETERMINED PLAN

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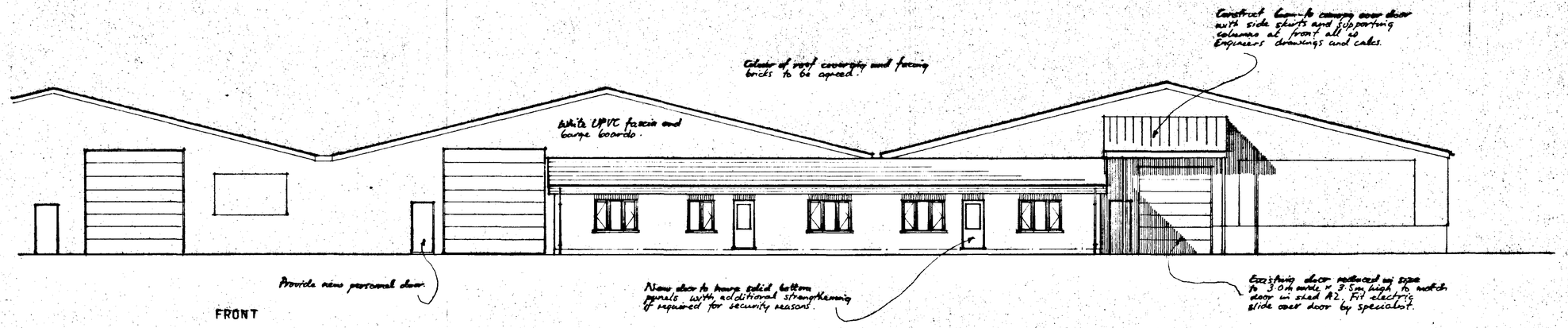
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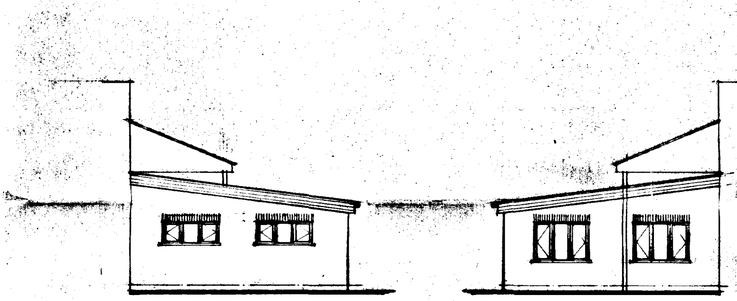
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WINDOW AND DOOR SCHEDULE		
OPENING	JOINERY REF. NOS.	LINTEL REF
W1, W2	T307CC	IG L1/S 50 2100 long x 140 high
W3, W5, W6 W7, W8, W9	T313CC	IG L1/S 80 2100 long x 190 high
W4	T218C	IG L1/S 50 1200 long x 80 high
W10, W11, W13	313CC	IG Box 200 2100 long x 150 high.
D1, D2	29 62XG	IG L1/S 50 1200 long x 65 high
D3	29 H2X GGF	IG Box 200 1200 long x 75 high
D4 & W12	Purpose made window 29 H2X GGF	IG Box 200 2100 long x 150 high
D5 & D6	2x 26H2X GGF	IG Box 200 2100 long x 150 high
W14	913 CHC	IG Box 200 2700 long x 150 high

Remarks:
(1) All lintel reference nos as IG Steel Lintels, all lintels to have min. end bearing 150 mm.
(2) All joinery reference nos as John Carr catalogue.



PROPOSED ELEVATIONS



Roof Construction
Use Tilcor pressed metal roof sheeting with vapour insulation 45 mm thick and pressed metal liner to achieve 0.45 u/m²K, on steel 'Z' purlins on structural steel rafters by Engineer.

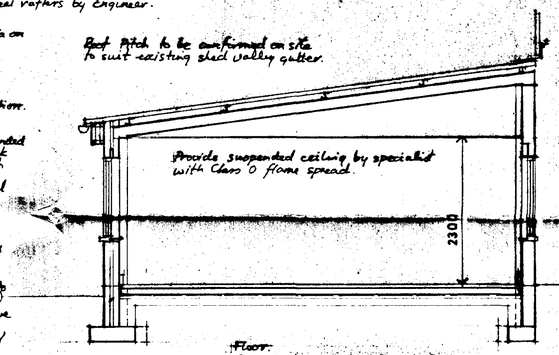
Eaves
200 x 25 'V' joint boarding UPVC fascia on 80 x 50 Stud framing with 200 wide UPVC soffit. Provide 150 mm UPVC gutter with 110 ø downpipes.

External Walls:
112 face brick outer skin, 50 cavity with 50 Dritherm linked to roof insulation. Wall tie to BS 1243: 1978 and spaced not more than 900 horizontally, 450 vertically and 300 vertically at unbonded jambs. 100 mm Hemelite insulating block inside skin, 12 mm plaster inside finish Wall 'U' value 0.45 u/m²K Build in 225 brick piers to support structural steel rafters.

Windows / Doors / Glazing:
Use standard wood windows and doors, rebated for sealed double glazing units with 12 mm air space. All windows & door frames to have draught seals. Magistic paint all joinery to masonry externally. Set joinery max 15mm out Thermabate cavity closers (see detail) NOTE windows and door frames to have extended cill to suit Thermabate laminated safety glass to BS 6206 1981 thro' out. Provide 8,000 mm² trickle vents in all window heads.

Cavity Fill:
Provide 12:1 concrete in cavity fill 300 below DPC.

Roof Pitch to be confirmed on site to suit existing steel valley gutter.



Floor:
50 screed on 100 PNDE concrete on Visqueen 1200 dpm linked to dpc on 50 Table floor insulation on 150 fill of hardcore (max. fill 600 mm).

SECTION A-A

Existing wall sheeting east west elevation
Make extension above existing building, provide pressed metal flashing over new sheeting and lap up back of existing sheeting.

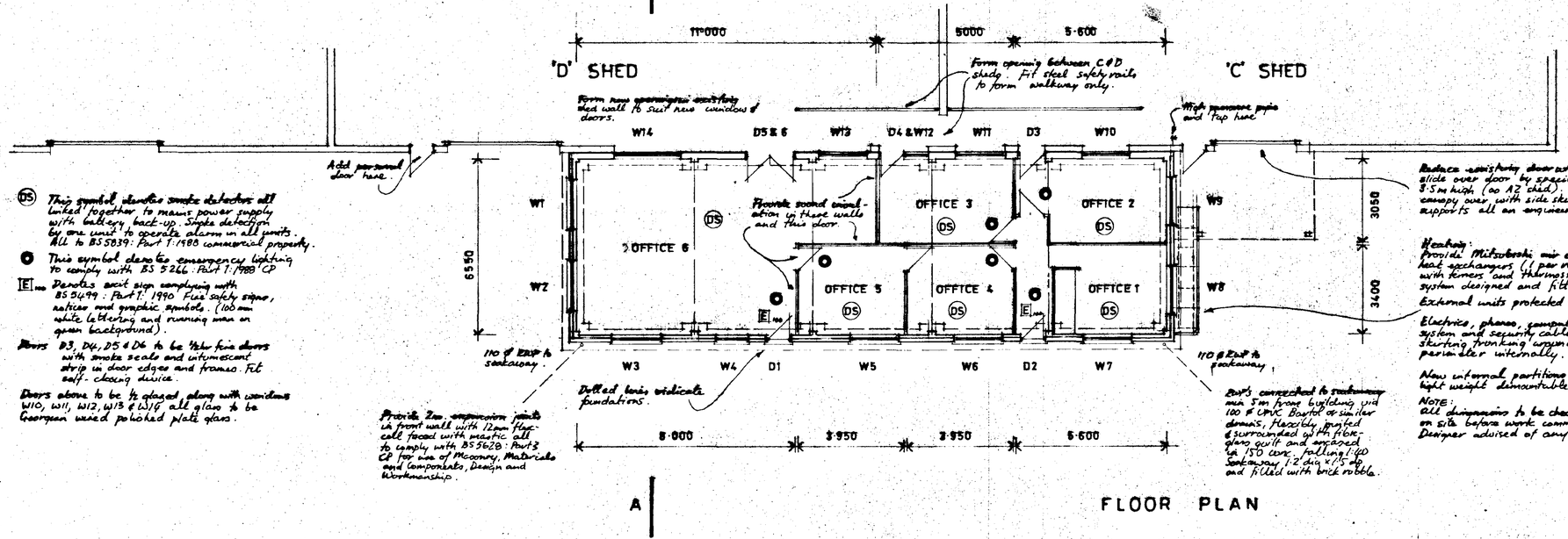
Wall against existing shed to be.
200 Hemelite or similar insulation block with 225 brick piers supporting structural steel rafters.

Internal windows and door glazing to be Georgian wired polish plate glass.

Lintels
Use IG steel lintels throughout (see schedule) all fully insulated. Provide Astec dpc over all external wall lintels and max 2no weep holes in masonry above. Exposed underside of lintels to be clad with 12.5 plasterboard where applicable.

D.P.C's
Use Astec dpc or similar set min. 150 above G/L and linked to dpm.

Foundations:
750 x 250 under perimeter walls and 450 x 250 under 200 mm wall abutting existing shed, both reinforced with A252 mesh set 40 mm up from bottom. Foundation to project 300 mm beyond face of masonry of brick piers. Strip foundation configuration dependent on soil investigation and to be agreed with Building Control Officer on site.



FLOOR PLAN

(DS) This symbol denotes smoke detectors all linked together to mains power supply with battery back-up. Smoke detection by one unit to operate alarm in all units. All to BS 5839: Part 1: 1988 commercial property.

O This symbol denotes emergency lighting to comply with BS 5266: Part 1: 1988 CP

E 1hr Denotes exit sign complying with BS 5499: Part 1: 1990 Fire safety signs, notices and graphic symbols. (100 mm white lettering and running man on green background).

Doors D3, D4, D5 & D6 to be 1/2hr fire doors with smoke seals and intumescent strip in door edges and frames. Fit self-closing device.

Doors above to be 1/2 glazed glazing with windows W10, W11, W12, W13 & W14 all glass to be Georgian wired polished plate glass.

Remove existing door with end fit electric slide over door by specialist 3.0m wide x 3.5m high, (to A2 chief). Provide lean-to canopy over with side skirts and steel column supports all as engineers calcs and drg.

Heating:
Provide Mitsubishi air conditioning/heat exchangers (1 per room) all fitted with timers and thermostatic controls, system designed and fitted by specialist. External units protected by steel safety rail.

Electrics, phones, computers, fire alarm system and security cables concealed in skirting trunking unless agreed particular internally.

New internal partitions to be glazed light weight demountable partitioning.

NOTE:
All dimensions to be checked and confirmed on site before work commences and Designer advised of any discrepancies.

DETERMINED PLAN

SOUTH HOLLAND DC
HOUSING & PLANNING
24 DEC 1998
Ref: 1277/98

PROJECT
PROPOSED OFFICE EXTENSION TO C & D SHEDS FOR O. A. TAYLOR & SONS AT HOLBEACH, SPALDING.

DRAWING TITLE
DETAILED DRAWING

SCALE 1:50 & 1:100 DATE DECEMBER 1998

DRAWN: [illegible] CHECKED [illegible]

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