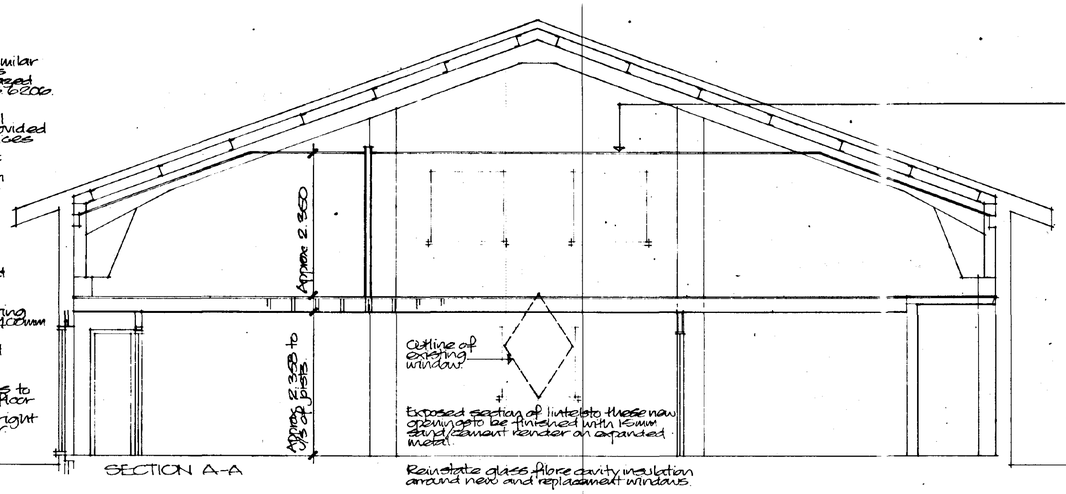
Windows
Install 2no. new timber window frames similar to existing. Windows to be fitted frames as ground floor window unit to be double glazed (6mm gap) and to be safety glass to BS 6206.

Heating
Install new approx. 20 kw gas fired wall mounted boiler with balanced flue to provided central heating to new and existing offices and toilets.
All radiators to be fitted with thermostatic valves.
All heating pipework to be insulated with Armaflex or similar of same thickness as pipe outside diameter.
Boiler to be fitted with programmer and flow switch.

Stud partitions
To be constructed of 50x75 studs at 400mm ctrs with noggings at 1 200 ctrs vertically.
Cladding to be 12.5mm plasterboard and skim to both sides.

Suspended floor
Constructed of 22mm thick T and G flooring grade chipboard on 50x200 joists at 400mm ctrs, with solid strutting at mid-span.
Double joists under sited partition.
Ceiling finished off in 9.5mm plasterboard with edges and joints taped to walls supported.
Ceiling finish to be 'Artex'.

50x5mm mild steel lateral restraint straps
to be installed at max 2000 ctrs, between floor joists and surrounding walls straps to extend over 3no joists where at right angles with min 38x38 noggings under.



SECTION A-A

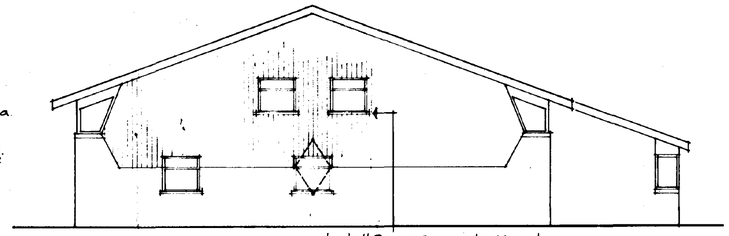
Existing roof formed of fibrous asbestos sheeting, 80mm glass fibre insulation and 12.5mm plastic faced plasterboard under-lining.

Install new suspended ceiling (½hr fire resisting) suspended from existing purlins. Ceiling to consist of lay-in tiles within exposed grid system.

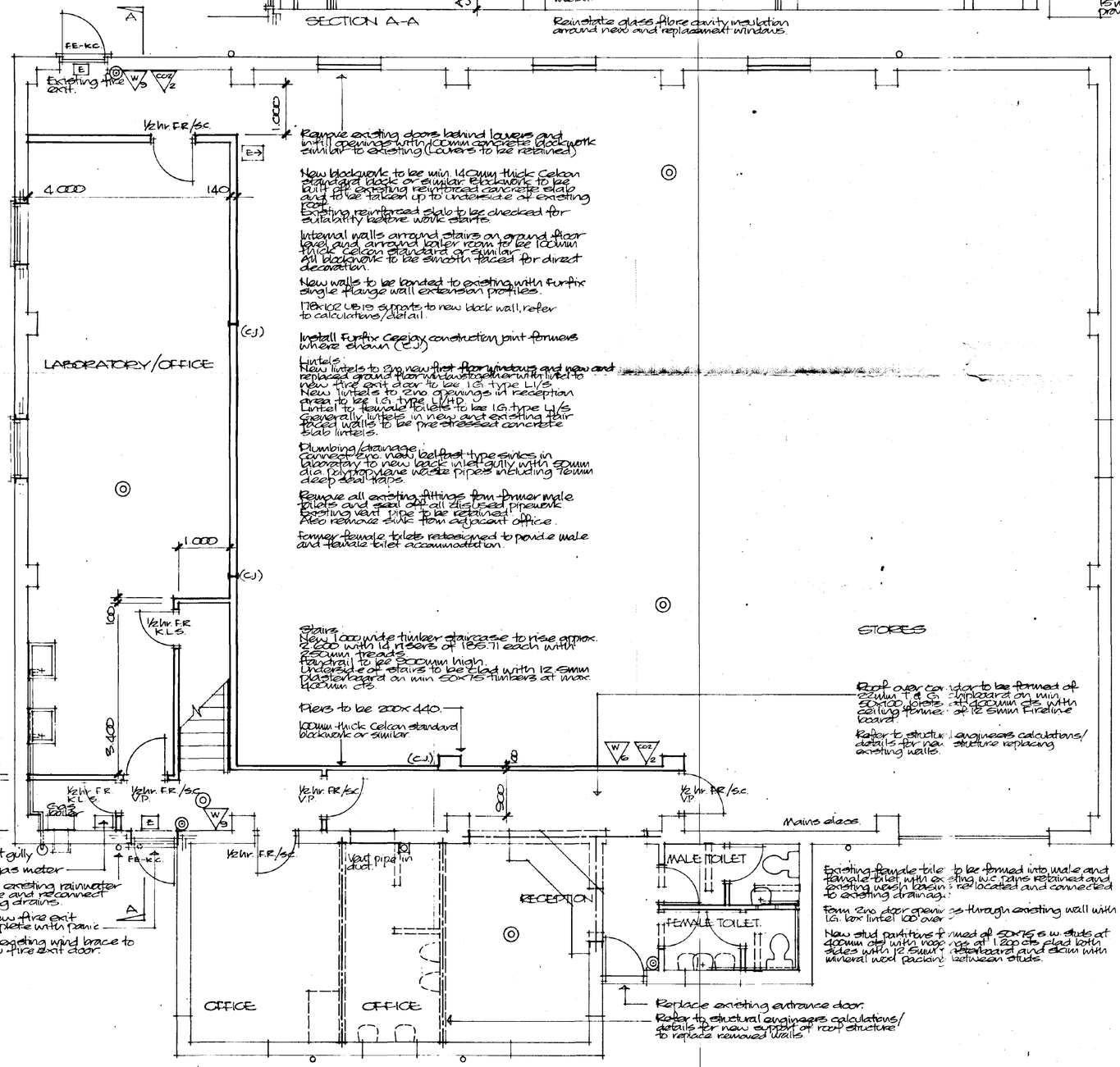
Lighting
Install favin light fittings incorporating 25mm dia fluorescent tubes (TBF) provided with low loss or high frequency control gear. Light fittings within stair area, corridor and all ground floor areas and first floor mounted. Local switching of fittings to maximise the beneficial use of daylight to be provided (to be no more than 8 pop from any fitting) Lighting to be designed to give min. 300 lux at desk height.

Ventilation
Install mechanical supply and extract ventilation system ducted to external air and providing:
General first floor office to accommodate max. 4 people .. 8 litres per person = 32 litres per second required.
Small first floor office/store to accommodate max 1 person .. 8 litres per second required.
Large ground floor laboratory to accommodate max. 4 people .. 32 litres per second required.

Existing offices incl. attached areas all have natural(ed) ventilation through windows.
Both toilet areas to have mechanical extract ventilation providing at least 6 litres per second extract or 3 air changes per hour and to be controlled by light switch and to have min. 15 minute overrun. A 10mm gap to be provided under doors to toilets.


FLEET ROAD ELEVATION

Install 3 no. new windows and no replacement window to this elevation to be beaten and taped and 2 no W with stain/preservative finish. Make good timber cladding.



Rampe existing doors behind louvers and infill openings with 100mm concrete blockwork similar to existing (Louvers to be retained)

New blockwork to be min. 140mm thick Celcon standard block or similar. Blockwork to be built off existing reinforced concrete slab and to be taken up to underside of existing roof.
Existing reinforced slab to be checked for suitability before work starts.

Internal walls around stairs on ground floor level and around boiler room to be 100mm thick Celcon standard or similar. All blockwork to be smooth faced for direct decoration.

New walls to be bonded to existing with Furfix single flange wall extension profiles.

1 No 102 UB 19 supports to new block wall, refer to calculations/detail.

Install Furfix Ceejay construction joint formers where shown (CJ).

Lintels
New lintels to 2no new first floor windows and new and replaced ground floor windows together with lintel to new fire exit door to be 1 G. type L1/5
New lintels to 2no openings in reception area to be 1 G. type L4/10
Lintel to remould toilets to be 1 G. type L4/5
Generally lintels in new and existing stair faced walls to be pre-stressed concrete slab lintels.

Plumbing/drainage
Connect 6no. wash basins type sinks in laboratory to new back inlet gully with 50mm dia polypropylene waste pipes including 75mm deep seal traps.

Remove all existing fittings from former male toilets and seal off all disused pipework. Existing vent pipe to be retained. Also remove sink from adjacent office.

Former female toilet redesigned to provide male and female toilet accommodation.

Stairs
New 1.000 wide timber staircase to rise approx. 2 600 with 14 risers at 186.11 each with 250mm treads.
Handrail to be 900mm high.
Underside of stairs to be clad with 12.5mm plasterboard on min 50x75 timbers at max. 400mm ctrs.

Piers to be 200x440.

100mm thick Celcon standard blockwork or similar.

Roof over corridor to be formed of 22mm T & G chipboard on min 50x150 joists at 400mm ctrs with ceiling formed of 12.5mm Fireline board.

Refer to structural engineers calculations/details for new structure replacing existing walls.

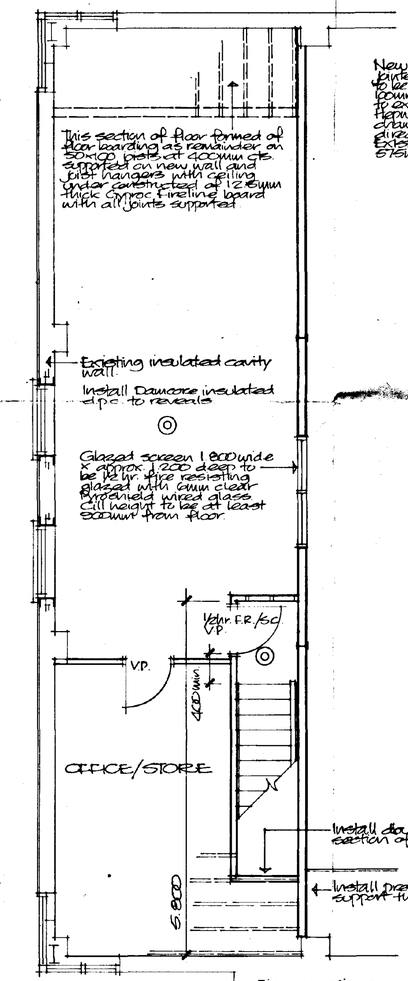
Back inlet gully
Existing gas meter
Relocate existing rainwater downpipe and reconnect to existing drains.
Install new fire exit door complete with panic latch.
Relocate existing wall brace to avoid new fire exit door.

Existing female toilet to be formed into male and female toilet with existing wc pans retained and existing wash basins relocated and connected to existing drainage.

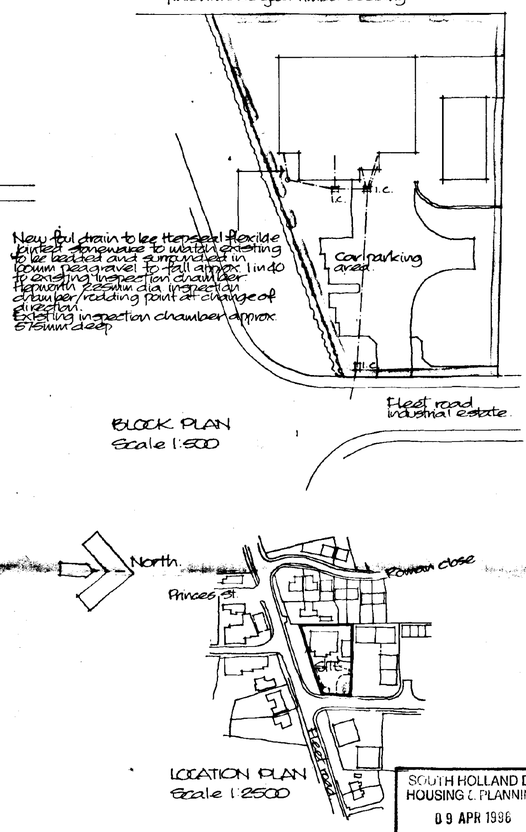
Form 2no door openings through existing wall with 1 G. box lintel 100 over.

New stud partitions formed of 50x75 s.w. studs at 400mm ctrs with noggings at 1 200 ctrs clad both sides with 12.5mm plasterboard and skim with mineral wool packing between studs.

Replace existing entrance door.
Refer to structural engineers calculations/details for new support of roof structure to replace removed walls.



FIRST FLOOR



BLOCK PLAN
Scale 1:500

LOCATION PLAN
Scale 1:2500

SOUTH HOLLAND DC
HOUSING & PLANNING
09 APR 1996
Ref: 0314/96

DETERMINED PLAN

ALAN HORNSBY
ARCHITECTURAL SERVICES
'Little Acre'
Peak Hill, Cowbit,
Spalding, Lincs. PE12 6AW
Tel. Holbeach (01406) 380591

Client: ORDCARE CHEMICALS Ltd

Job Title: PROPOSED INTERNAL ALTERATIONS TO EXISTING PREMISES FLEET ROAD INDUSTRIAL ESTATE, HOLBEACH.

Scale: 1:50 @ 1:100

Date: Feb 96 | Drawn by: ACH

Drg. No.: 96/08/02

Amendment
'C' 27.3.96 Altered layout
'D' 6.4.96 Window added and partition removed

Fire precautions
Adapt existing fire alarm system to suit new layout including new break glass point at exit to new fire exit door and additional fire warning bell/s.

Key to symbols
- W/9 — Water fire extinguisher, size in litres.
- CO2/2 — Carbon dioxide extinguisher, size in kg.
- ◎ — Approx. location of emergency light fittings installation to comply with all relevant standards in particular BS 5266.
- E — Fire exit sign with or without arrow to be white or similar photoluminescent.
- ◎ — Fire alarm break glass point.
- K.L.S. — Notice on door 'keep locked shut'
- V.P. — Vision panel, 6mm Pyrosheild wired glass.
- ½hr FR/SC — ½hr fire resisting and self closing and fitted with intumescent brush smoke seals.