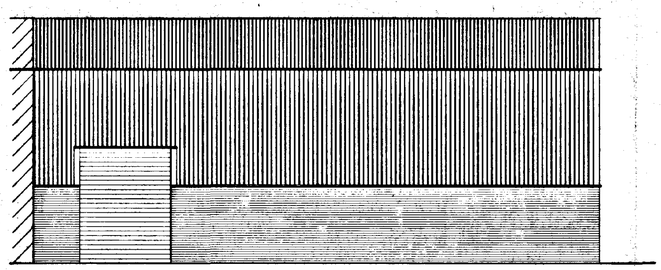
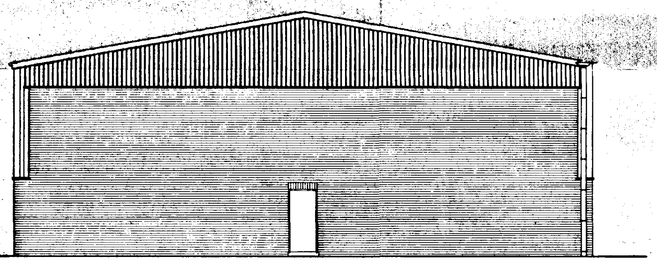


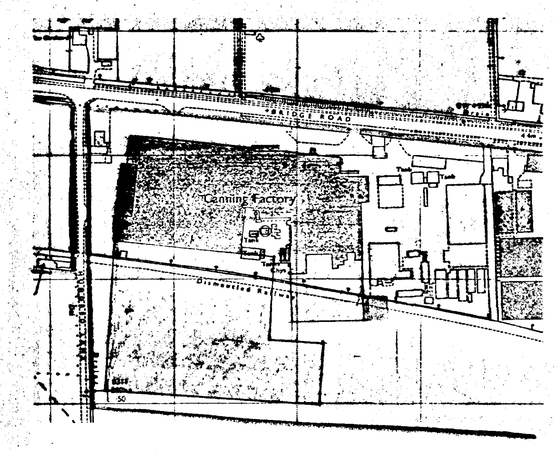
NORTH ELEVATION



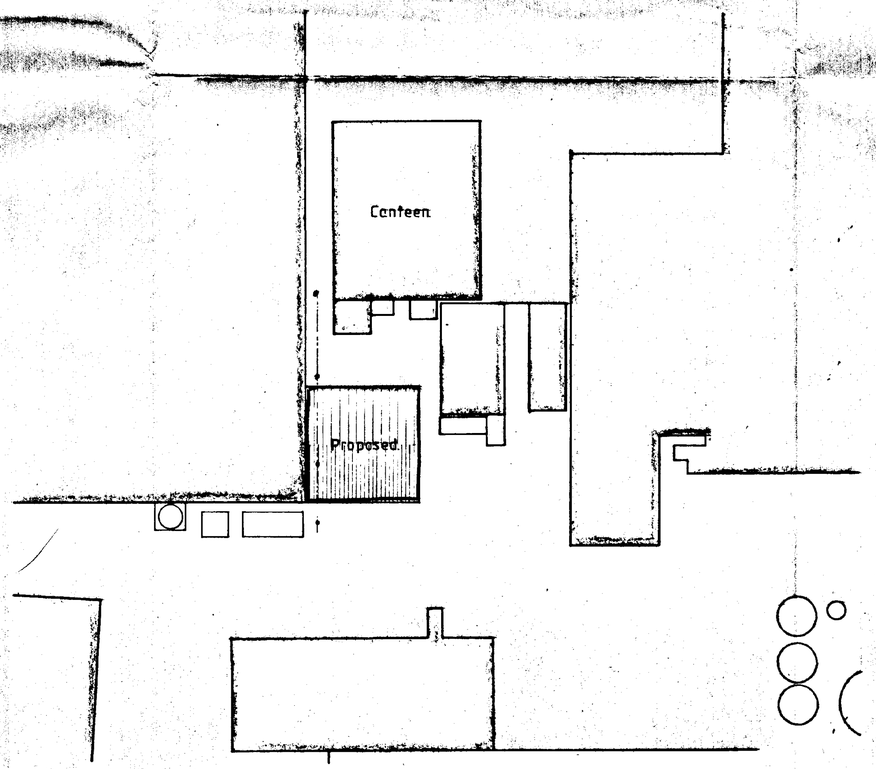
SOUTH ELEVATION



EAST ELEVATION



LOCATION PLAN 1:2500



BLOCK PLAN 1:500

DETERMINED PLAN

SOUTH HOLLAND DC
HOUSING & PLANNING
10 JAN 1997
Ref: 0031/97

revision	date	init.	revision details.

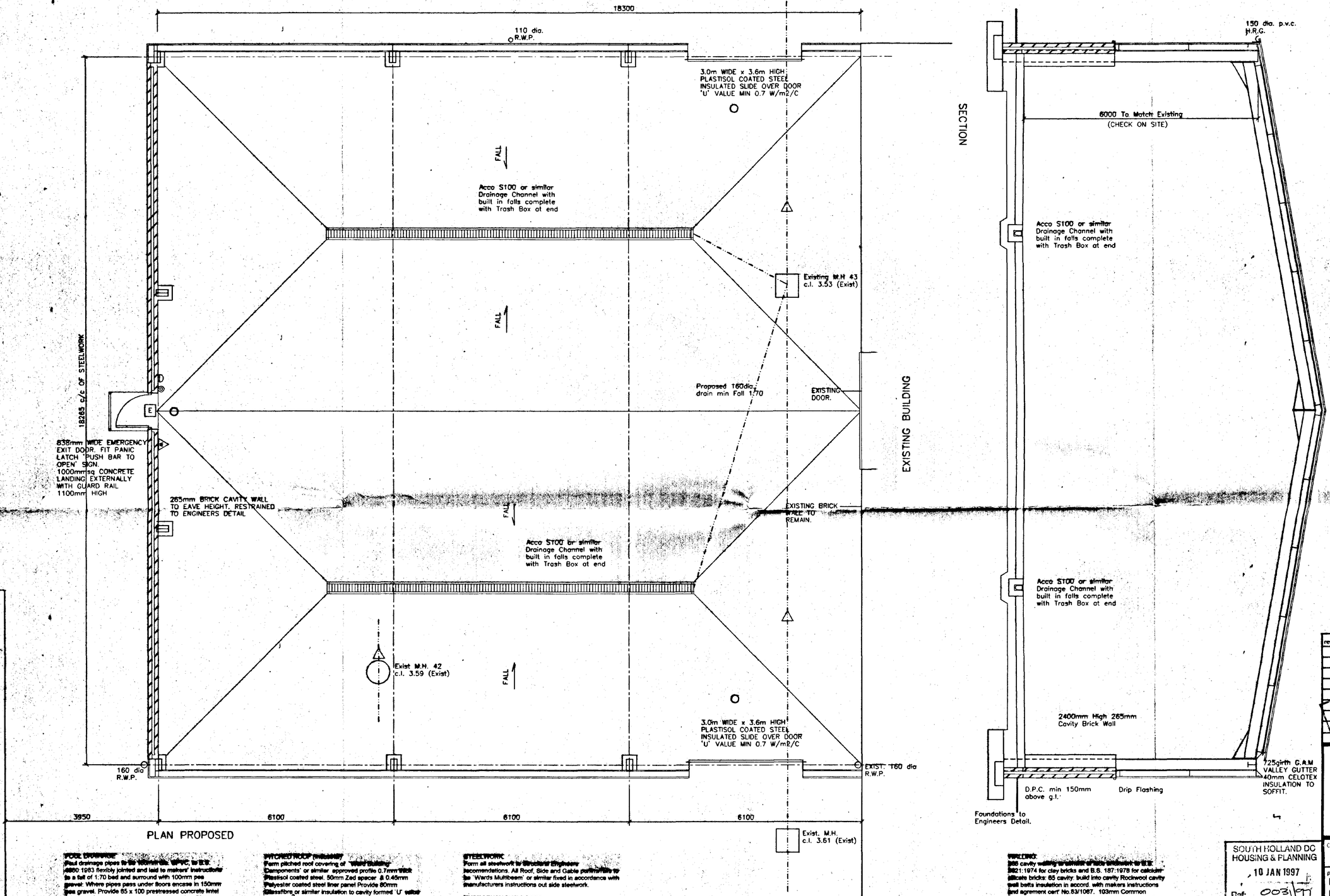
COOPER ARCHITECTURAL DESIGN
BRON AVON, HOCKLESGATE
FLEET, SPALDING, LINC'S PE12 8LF
Tel/Fax : 01406 423782

Client.
H. L. FOODS LTD.

Project.
PROPOSED EXTENSION TO EXIST. FACTORY.
BRIDGE ROAD,
SUTTON BRIDGE,
LINC'S

Drawing.
ELEVATIONS,
BLOCK & LOCATION PLAN

Scale	1:100	Drawing No.	9633:1
Date.	JAN. '97	Drawn.	J.C.



LIMITATIONS.
This drawing is limited to the details and information contained and does not purport to contain a full specification of the works. It is solely for the purpose of obtaining Building Regulation approval.
The drawing must not be used as a contract document alone.
All dimensions shall be taken from site from actual work. Under no circumstances shall measurements be scaled from this drawing for construction or ordering purposes. All given dimensions shall be checked by the Builder/Contractor and will be his responsibility from commencement of site works.
The works will not be supervised or inspected on site by /C.A.D. or any representative thereof. It is the client or their appointed agents responsibility to control workmanship, substitution of materials, adherence to specification, variations to contract etc.

STANDARDS.
All materials to be new unless otherwise stated and all components and materials etc. to be used fitted and installed etc. in strict accordance with manufacturers instruction and relevant Code of Practice
Materials shall conform to appropriate British Standard Specification or BBA Certificate or European Code equivalent.

HEALTH & SAFETY.
The Employer/Client shall ensure that the selected contractor is conversant with and adopts all measures necessary to achieve compliance with Health & Safety legislation for Building Sites and Work Places.
The Employer /Client is advised that should the works need to comply with the Construction Design and Management Regulations an independent Planning Supervisor will be required.

SCOPE OF THE WORKS.
The works shall comprise of all that is shown on the drawing and details. Work that may not be specifically shown but may be reasonably inferred as necessary to carry out the works shall be deemed to be included.

WALLING.
All walling to consist of face brickwork to B.S. 3921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks

SUB STRUCTURE WALLING.
215mm dense concrete blocks to B.S. 6073 pt.1 1981: DPC to external wall positioned in accordance with CP 102 min. 150 above finished ground level.

FOUNDATIONS.
Under 215mm walls as shown provide 700 x 225 strip concrete foundations all ST4 mix to B.S. 8326: 1990. Under steelwork columns provide pad foundations to Engineers requirements. All foundations taken down to bear on load bearing strata min. depth of 600 to top of foundations: should shrinkable soil conditions be found on site then foundations shall be taken down to a depth of 1 metre below ground level.

LINTELS.
All lintels to be manufactured by Ideastra. Ltd. and to be installed in accordance with makers' instructions, and to have min. end bearing of 150mm and at external positions to have cavity tray D.P.C. to CP. 121.

FOUL DRAINAGE.
Foul drainage pipes to be 160mm dia. uPVC, to B.S. 4660 1983 flexibly jointed and laid to makers' instructions to a fall of 1:70 bed and surround with 100mm pea gravel. Where pipes pass under floors encase in 150mm pea gravel. Provide 65 x 100 prestressed concrete lintel bridging where pipes pass through walls, allow 50mm gap around pipe, opening masked both sides of wall with lapped sheet material. Floor drains with built in falls to be "Acco S100" or similar with heavy duty covers fitted to manufacturers instructions.

SURFACE WATER DRAINAGE.
150 dia. half round rainwater gutters and galv. valley to 110/160mm dia. rainwater pipes 110/160mm dia. underground pipes flexibly joined to a fall of 1:70 pipes bedded and surrounded in pea gravel and discharge to existing system.

HOT WATER AND SPACE HEATING.
Extension to be thermostically controlled by specialist Contractor.

PITCHED ROOF (Industrial)
Form pitched roof covering of 'Ward Building Components' or similar approved profile 0.7mm thick Plastisol coated steel. 50mm Zed spacer @ 0.45mm Polyester coated steel liner panel Provide 80mm Glassfibre or similar insulation to cavity formed 'U' value @ 0.45 W/m²deg C (Surface spread of flame Class 1) over purlin. Provide Mastic tape to all joints. Roofing system to be fixed to 'Wards Multibeam' or similar galvanised steel purlins space to Structural Engineers recomendations. All purlins to be fixed in accordance with manufacturers instructions

CLADDING (Industrial)
Form all vertical cladding of 'Ward Building Components' or similar approved profile and manufacture. 0.5mm Plastisol coated steel. Lined inside rails with 0.45mm Polyester coated steel liner panel. Provide 80mm Glassfibre or similar insulation to cavity suspended between rails. (Surface spread of flame Class 1) tee bar All joints to be mastic taped. All on 'Wards Multibeam' or similar galvanised steel rails spaced to Structural Engineers recomendations. All fixed in accordance with manufacturers instructions.

STEELWORK
Form all steelwork to Structural Engineers recomendations. All Roof, Side and Gable purlins/rails to be 'Wards Multibeam' or similar fixed in accordance with manufacturers instructions out side steelwork.

EMERGENCY EXIT DOORS.
All doors to be min 838mm wide and fitted with panic latch. Provide 'Push Bar to Open' sign on door. Emergency Exit sign over to B.S. 5499 pt1 Externally provide 1.0m x 1.0m concrete landing level with internal F.f.l.

FLOORS.
Floor slab to comprise of 200mm min. depth steel well consolidated hardcore not exceeding 75mm max size, with 50mm blinding, 175mm reinforced concrete RC35 mix. with 1 layers A252 reinforcing fabric min. cover 40mm from top Longitudinal joints of 900mm long 12mm dia. tie bars at 600mm c/c. at steelwork bay centres. Contraction joints of 400mm long 12mm dia. bars at 300mm c/c. dowl bars debonded over half length. All at max 30.0m centres. Power Float Finish to recieve 2mm Epoxy Urethane Coating.
Design Loading 5KN/m² for Industrial occupancy.

WALLING.
All cavity walling to consist of face brickwork to B.S. 3921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks: 65 cavity build into cavity Rockwool cavity wall batts insulation in accord. with makers instructions and agrement cert No.83/1067. 103mm Common brickwork: Cavity walls tied together using galvanised iron twist ties set 900 horizontally and 450 vertically to B.S. 1243:1978 wall ties positioned at 300 vertical centres at all unbonded closures of cavity. Close cavities with "Thermabate" preformed closer and provide bitumen felt DPC to C.P. 121. External walls to have min. "U" value of 0.45 W/m² deg. C.

SUB STRUCTURE WALLING.
600mm dense concrete blocks to B.S. 6073 pt.1 1981: DPC to external wall positioned in accordance with CP 102 min. 150 above finished ground level: Weak mix concrete infill to base of cavity no closer than 225 to DPC. All brickwork below DPC to be F.L. quality.

- Break Glass Call point Connect to exist system.
- E — Emergency Exit Sign to B.S. 5499 pt1
- O — Emergency Light to B.S. 5266 pt 1
- Alarm Sounder Connect to exist system
- 9 Litre Water filled Extinguisher.

revision	date	init.	revision details.

SOUTH HOLLAND DC
HOUSING & PLANNING
10 JAN 1997
Ref: 0031/97

COOPER ARCHITECTURAL DESIGN
BROMHOLM, HOCKLEY GATE, FLEET, SPALDING, LINC'S PE12 8LF
Tel/Fax : 01406 423762

Client: H. L. FOODS LTD.

Project: PROPOSED EXTENSION TO EXIST. FACTORY. BRIDGE ROAD, SUTTON BRIDGE, LINCS

Drawing.

Scale	1:50	Drawing No.	9633
Date.	JAN '97	Drawn.	J.C.