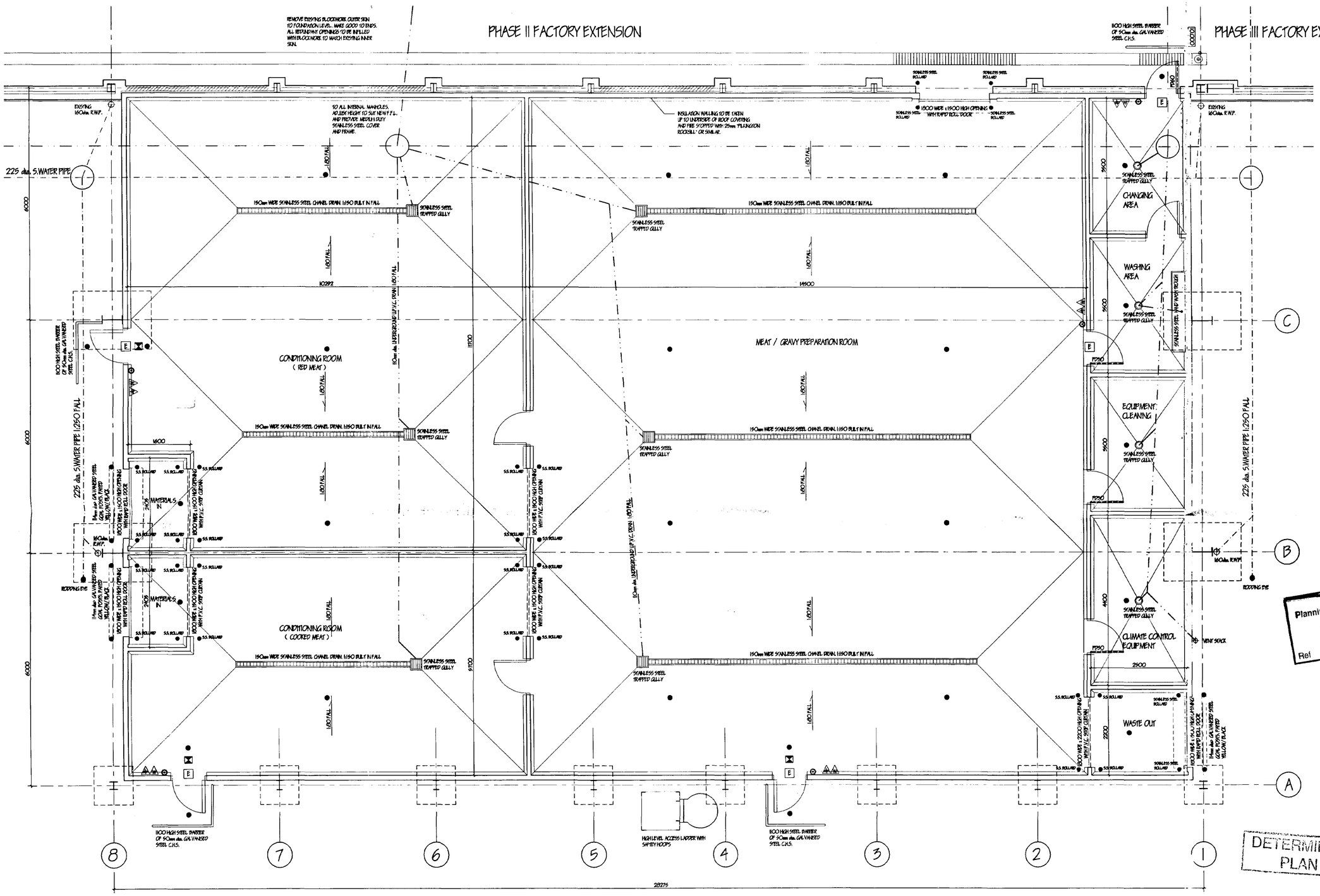


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The works will not be supervised or inspected on site by G.R. Merchant, or any representative thereof, it is the client or their appointed agents responsibility to control workmanship, substitution of materials, adherance to specification, variations to contract etc.

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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 Independant 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.

E EMERGENCY EXIT SIGN TO B.S. 5499 Pt.1. 100mm HIGH LETTERING.
ALARM CALL POINT (CONNECT TO EXISTING SYSTEM)
WATER FILLED EXTINGUISHER 9 litre CAPACITY
DRY POWDER EXTINGUISHER 4.5Kg. CAPACITY
EMERGENCY LIGHT TO B.S. 5266 Pt. 1.
'PUSH BAR TO OPEN' SIGN

SHDC Planning & Development - 8 JUL 2002 Ref 0791/02

ref:	revision	date

G. R. MERCHANT
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Project
PROPOSED EXTENSION TO FACTORY
BRIDGE ROAD
LONG SUTTON
SPALDING LINC'S.

Client
PREMIER INTERNATIONAL FOODS

Drawing
FLOOR PLAN

Job Ref.	Drawing No.
518-02	01
Date: JUNE '02	Drawn: J.C.
Scales: 1:50	

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DETERMINED PLAN

CONSTRUCTION HAZARDS.
The following operations are identified as involving hazards in construction.
a) Working close to under ground or over head power cables.
b) Demolition and modification to adjacent existing buildings containing asbestos materials.
c) Excavation adjacent to existing foundations and effluent tanks below ground.
d) Steel erection close to boundary or existing building.
e) Working with scaffolding.
f) Working at height.
g) Roofing operations.
h) Drainage operations.
i) 'Working' on insulation or large laminated insulated panels in areas with restricted access.
j) Disposal of soil/ wastes.
m) Welding to existing steel work.

HAZARDOUS MATERIALS
The following materials could be deemed a hazard.
a) Cement and cement based products.
b) Solvent based paints.
c) Foul and factory waste sewerage located in existing drainage system.
d) Dust generated during construction (including asbestos)
e) Sealant and adhesives.
f) Insulation material .
g) Heavy structural steelworks and timbers.
h) Reinforcing bars.

The above list is not a definite list as the Principal contractor or any subcontractor may specify materials which could be deemed a hazard over and above those listed

TESTING & CERTIFICATION
If the proposed building is less than 1000 square metres in area, then design details and construction technique method statement can be submitted to the Local Authority prior to commencement on site
The Main Contractor is to provide a certificate or declaration relating to the design details and things showing compliance with P.R. L2
In buildings larger that 1000 square metres provide an Infra Red thermographic survey in accordance with BRE report 176.
Air tightness tests are to be carried out in accordance with CISE TM 25:2000.
Thermal performance of the building is to comply with BS EN ISO 15739:1990 limiting thermal bridging and air leakage and in accordance with ISO 2001. Design of metal cladding to comply with document L2
NORMATECH Note 14
Main Contractor is to provide all certification for tests carried out

LIGHTING.
Provide "Siemens" or similar approved fluorescent lighting fitted at ceiling level. to provide an initial efficacy averaged over the whole area, of not less than 40 luminares-timers / circuit-wats to be controlled by manual switch not more that 8.0m from luminarie or by means of movement sensors.
The following lighting levels are recommended:

Production areas	300Lux at surface level
Storage areas	150Lux at vertical plane
Ancillary areas	200Lux at floor level

Provide emergency light fittings with full tube conversion in positions shown on plan all to B.S. 9266 pt1.

STEEL WORK.
Form all steelwork to Structural Engineers recommendations. All Roof, Side and Gable purlins/ rails to be "Ward Building Components Ltd." or similar fixed in accordance with manufacturers instructions cut side steelwork.

FIRE DOORS.
All doors to be min. 838mm wide and have 30 minute fire resistance and fitted with self closers. All frames/ doors to have intumescent strip fitted.
All office doors to be fitted with vision panel. of q.w.p plate glass to Class C of B.S. 6206.

EMERGENCY EXIT DOORS.
All doors to be min 838mm wide and fitted with panic latch. Doors to be openable to 180 degrees.
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.

PITCHED ROOF
Form pitched roof covering of "Corus Trisomet" or similar Composite Panel with 80mm core thickness. to provide 'U' value of 0.25 W/ m.sq.K. Class O Surface spread of Flame to B.S. 476 Pt. 7. Cladding system fixed to "Ward Building Components Ltd." or similar galvanised steel purlins spaced to Structural Engineers recommendations. All fixed in accordance with manufacturers instructions

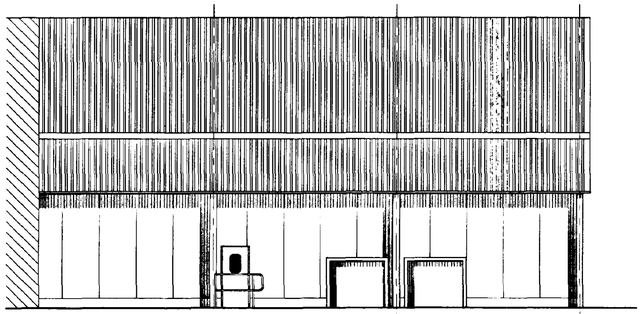
VERTICAL CLADDING
Form pitched cladding of "Corus Trisomet" or similar Composite Panel with 50mm core thickness. to provide 'U' value of 0.35 W/ m.sq.K. Class O Surface spread of Flame to B.S. 476 Pt. 7. Cladding system fixed to "Ward Building Components Ltd." or similar galvanised steel purlins spaced to Structural Engineers recommendations. All fixed in accordance with manufacturers instructions

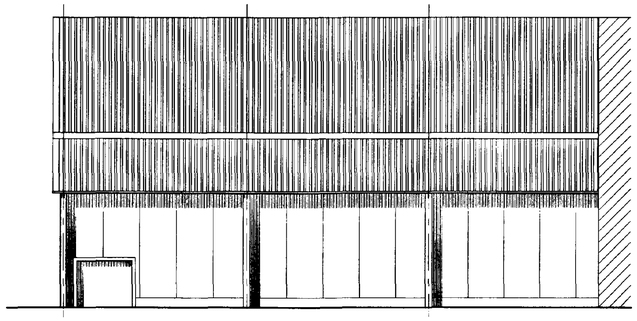
INSULATED WALLING.
External walling and ceiling to consist of 125mm thick insulated composite panelling of Rockwool core bonded to 0.4mm galvanised steel sheet both sides. Coated where visible with white food safe laminate. Class O surface spread of flame. Internal walling to consist of 100mm thick insulated composite panelling of Rockwool core bonded to 0.4mm galvanised steel sheet both sides. Coated where visible with white food safe laminate. Class O surface spread of flame. All on pre-formed stainless steel kerbs infilled with concrete.

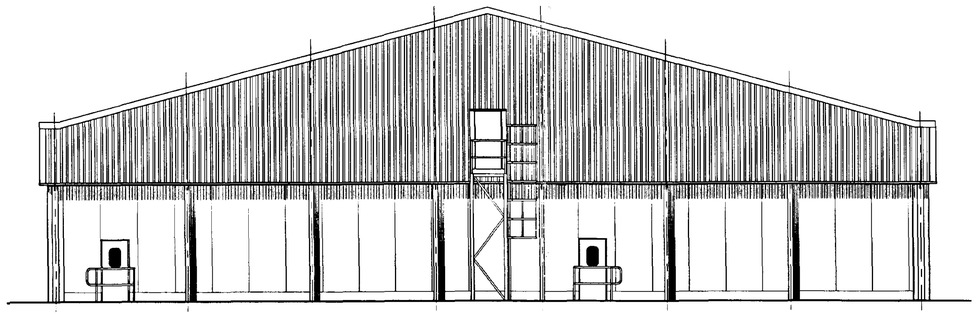
SURFACE WATER DRAINAGE.
2mm thick steel composite insulated (50mm) rainwater valleys to 160mm dia. rainwater pipes. 160/ 225mm dia. underground pipes flexibly jointed to minimum a fall of 1:100 pipes bedded and surrounded in pea gravel and discharge to existing system.

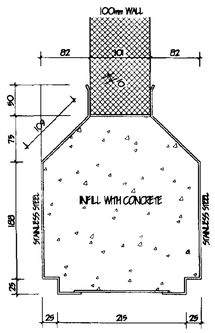
FOUL DRAINAGE
Inspection chambers 450 X 600 internally . Construction to be 225mm Engineering brickwork off 150mm concrete slab. with MA60 cover and frame Foul drainage pipes to be 110/ 160mm dia. UPVC, to B.S. 4660:1989 or equivalent. Vitrified clay, all flexibly jointed and laid to makers' instructions minimum fall of 1:70 bed and surround with 100mm pea gravel: Where pipes pass under floors encase in 150mm pea gravel: Provide 65 x 140 prestressed concrete lintel bridging where pipes pass through walls, allow 50mm gap around pipe, openins meshed both sides of wall with rolaped sheet material

FLOORS.
Average 9mm thick Ursaperd H1120/ H1120W heavy duty urethane resin screed. Supply and apply Epigard E5100 C.G. grade epoxy resin render to form perimeter cove to 100mm above F.F.L. upon care apply 2 coats Ursaperd SC2C resin sealer (John Lord & Son (Rixsted) Ltd.)
Floor slab to comprise of 200mm min. clean and well consolidated hardcore not exceeding 40mm max size. with sand blinding, 200mm reinforced concrete RC35 min. w:c 1 layers A252 reinforcing fabric min. cover 35mm from top Provide 1200 Kg polythene D.P.M. lapped min. 300mm in all directions and taken up edge of floor slab.
Around all Stainless Steel Floor drains provide Rundle Plain rmy flexible mastic movement joints.
Yard slab to comprise of 150mm min. clean and well consolidated hardcore not exceeding 40mm max size. with 75 mm blinding, 150mm reinforced concrete P35/40 AE\ 'Fibrin' polypropylene fibres mix. with 1 layer A193 reinforcing fabric min. cover 35mm from top.

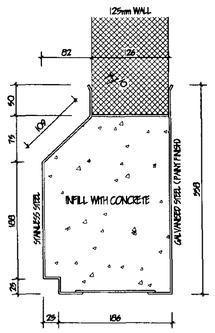




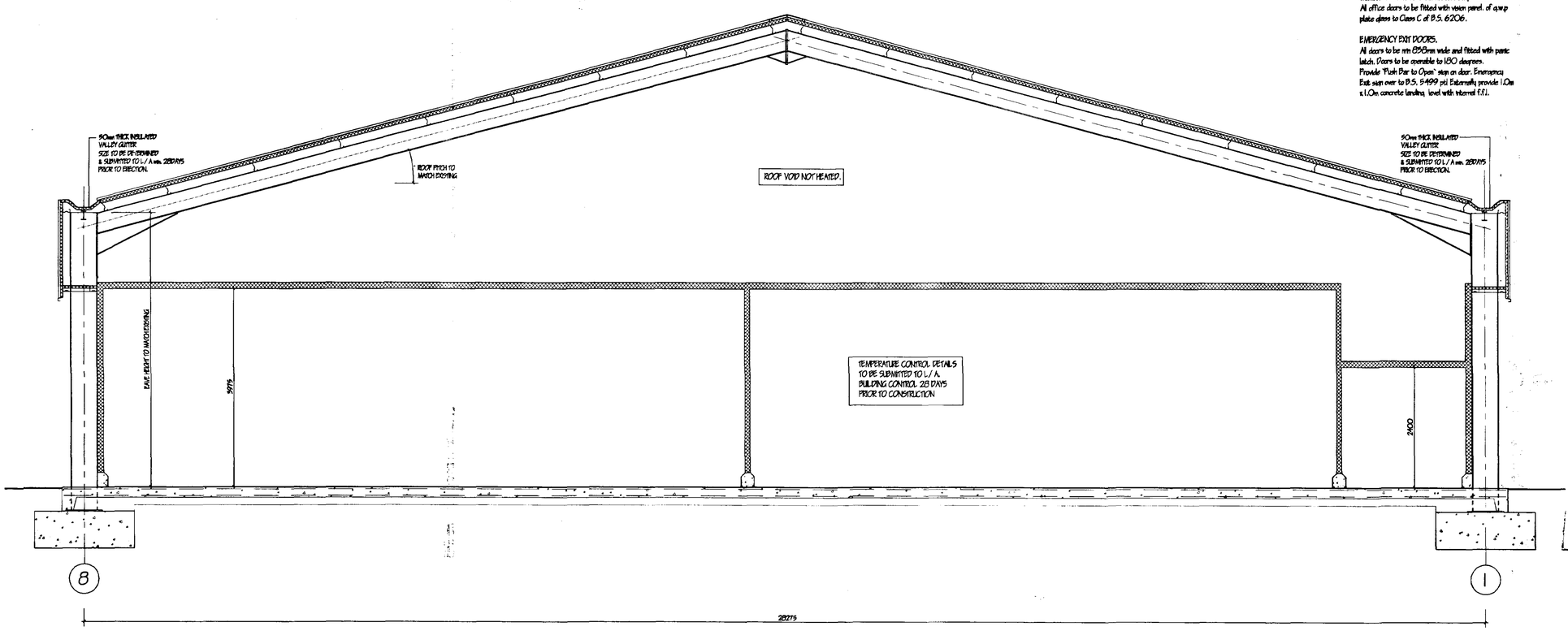




INTERNAL WALL KERB DETAIL 1:10



EXTERNAL WALL KERB DETAIL 1:10



DETERMINED PLAN

FLOORS.
Average 9mm thick Unigard HT120/HT120W heavy duty urethane resin screed. Supply and apply Epigard E5100 C.A. grade epoxy resin render to form perimeter cove to 100mm above F.F.L. upon cure apply 2 coats Unigard SC20 resin sealer (John Lord & Son (Bristol) Ltd.)
Floor slab to comprise of 200mm min. clean and well consolidated hardcore not exceeding 40mm max size. with sand blinding. 200mm reinforced concrete RC35 mix. with 1 layer A252 reinforcing fabric min. cover 35mm from top Provide 1200g polythene D.P.M. lapped min. 300mm in all directions and taken up edge of floor slab.
Around all Stainless Steel Floor drains provide Rutrel Flex epoxy flexible kinetic movement joints.
Yard area to comprise of 150mm min. clean and well consolidated hardcore not exceeding 40mm max size. with 50mm blinding. 150mm reinforced concrete PST30 AEA + 'Fibrin' polypropylene fibres exs. with 1 layer A193 reinforcing fabric min. cover 35mm from top.

INSULATED WALLING.
External walling and ceiling to consist of 125mm thick insulated composite panelling of Rockwool core bonded to 0.4mm galvanised steel sheet both sides. Coated where visible with white food safe laminate. Class O surface spread of flame. Internal walling to consist of 100mm thick insulated composite panelling of Rockwool core bonded to 0.4mm galvanised steel sheet both sides. Coated where visible with white food safe laminate. Class O surface spread of flame. All on pre-formed stainless steel kerbs infilled with concrete.

PITCHED ROOF
Form pitched roof coverings of "Corus Trisomet" or similar Composite Panel with 80mm core thickness, to provide 'U' value of 0.29 W/m.sq.K. Class O Surface spread of Flame to B.S. 476 Pt 7. Cladding system fixed to "Ward Building Components Ltd." or similar galvanised steel purlins spaced to Structural Engineers recommendations. All fixed in accordance with manufacturers instructions

VERTICAL CLADDING
Form pitched cladding of "Corus Trisomet" or similar Composite Panel with 50mm core thickness, to provide 'U' value of 0.55 W/m.sq.K. Class O Surface spread of Flame to B.S. 476 Pt 7. Cladding system fixed to "Ward Building Components Ltd." or similar galvanised steel purlins spaced to Structural Engineers recommendations. All fixed in accordance with manufacturers instructions

STEELWORK.
Form all steelwork to Structural Engineers recommendations. All Roof, Side and Gable purlins/ rails to be "Ward Building Components Ltd" or similar fixed in accordance with manufacturers instructions cut side steelwork.

FIRE DOORS.
All doors to be min. 838mm wide and have 30 minute fire resistance and fitted with self closers. All frames/ doors to have intumescent strip fitted.
All office doors to be fitted with vision panel. of wire plate glass to Class C of B.S. 6206.

EMERGENCY EXIT DOORS.
All doors to be min 838mm wide and fitted with panic latch. Doors to be openable to 180 degrees.
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.

CONSTRUCTION HAZARDS.
The following operations are identified as involving hazards in construction.
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c) Excavation adjacent to existing foundations and effluent tanks below ground.
d) Steel erection close to boundary or existing building.
e) Working with scaffolding.
f) Working at height.
g) Roofing operations.
h) Crainage operations.
i) "Working" on insulation or large laminated insulated panels in areas with restricted access.
l) Disposal of soil / wastes.
m) Welding to existing steel work.

HAZARDOUS MATERIALS
The following materials could be deemed a hazard.
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The Main Contractor is to provide a certificate or declaration relating to the design details and fixings showing compliance with B.R. L2
In buildings larger than 1000 square metres provide an Infra Red thermo-graphic survey in accordance with BRE report 176.
Air tightness tests are to be carried out in accordance with CIBE TM 23:2000.
Thermal performance of the building is to comply with BS EN ISO 13789:1999 Units thermal bridging and air leakage and in accordance with ISO 2001. Design of metal cladding to comply with document L2
MCRMA TECH Note 14
Main Contractor is to provide all certification for tests carried out

SURFACE WATER DRAINAGE.
2mm thick steel composite insulated 375(ph) rainwater valleys to 160mm dia. rainwater pipes: 160 - 225mm dia. underground pipes flexibly jointed to minimum a fall of 1:100 pipes bedded and surrounded in pea gravel and discharge to existing system.

FOUL DRAINAGE
Inspection chambers 450 X 600 internally . Construction to be 225mm Engineering brickwork off 150mm concrete slab. with 1/450 cover and frame . Foul drainage pipes to be 110/160mm dia. UPVC, to B.S. 4660:1989 or equivalent. Vitrified clay all flexibly jointed and laid to makers' instructions minimum fall of 1:70 bed and surround with 100mm pea gravel. Where pipes pass under floors encase in 150mm pea gravel: Provide 65 x 140 prestressed concrete lintel bridging where pipes pass through walls, allow 50mm app around pipe, opening meeked both sides of wall with rickard sheet material

LIGHTING.
Provide "Sensors" or similar approved fluorescent lighting fixed at ceiling level, to provide an initial efficacy averaged over the whole areas, of not less than 40 luminares-lumens / circuit-watts to be controlled by manual switch not more than 1.8.0m from luminaris or by means of movement sensors.
The following lighting levels are recommended:

Production areas	300lux at surface level
Storage areas	150lux at vertical plane
Ancillary areas	200lux at floor level

Provide emergency light fittings with full tube conversion in positions shown on plan all to B.S. 5266 pt1.

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PLANNING DEPARTMENT
- 8 JUL 2002
0791/02

ref.	revision	date

G. R. MERCHANT
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12A Park Road, Holbeach,
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E-Mail: G. R. Merchant @ Merchant. FS. Co. UK

Project
PROPOSED EXTENSION TO FACTORY
BRIDGE ROAD
LONG SUTTON
SPALDING LINCS.

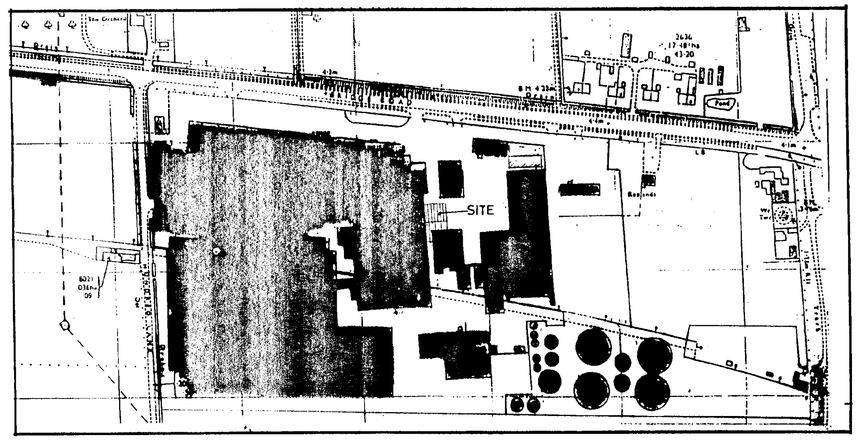
Client
PREMIER INTERNATIONAL FOODS

Drawing
SECTION / ELEVATIONS

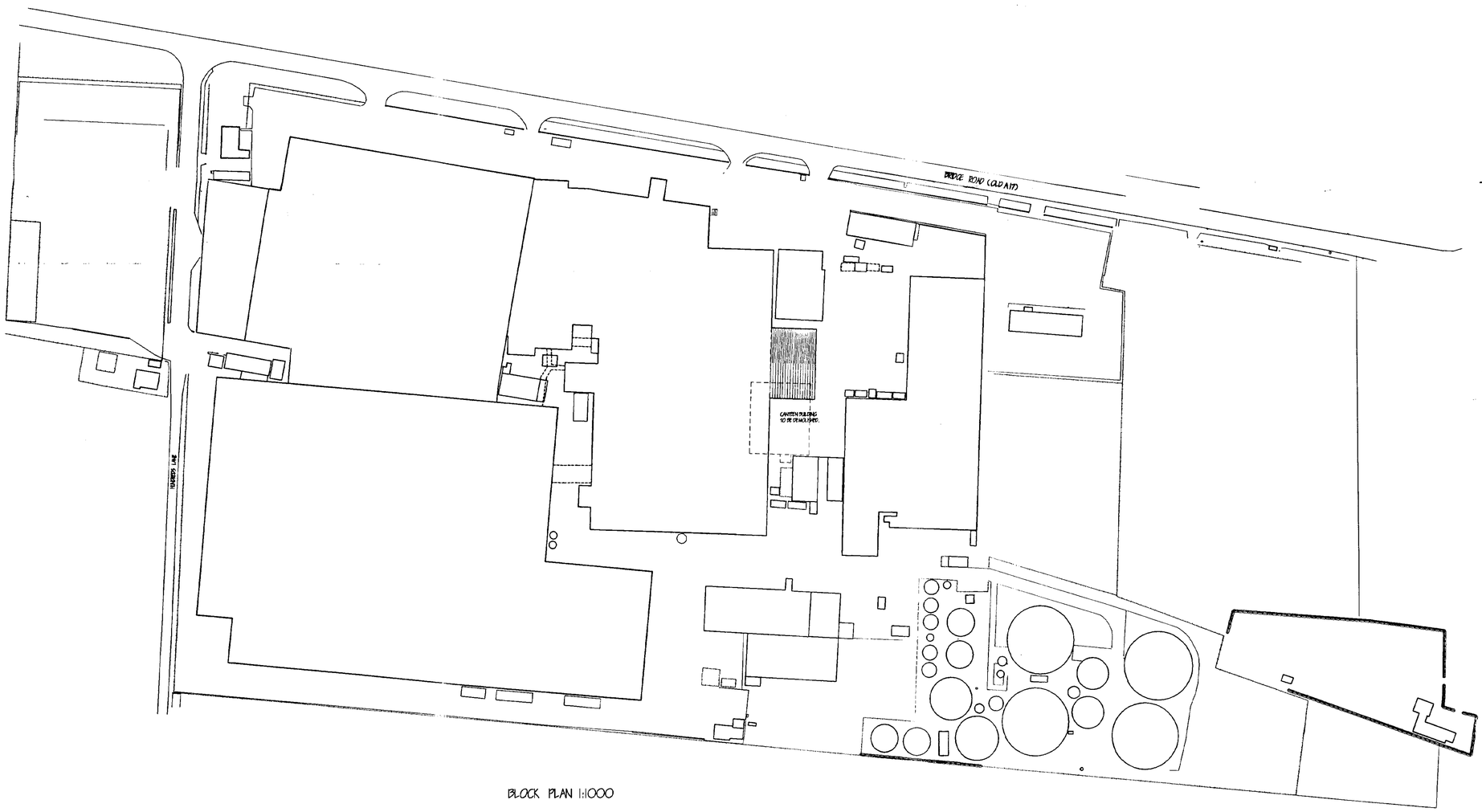
Job Ref.	Drawing No.
517-02	02
Date: JULY 02	Drawn: J.C.

Scales
1:50 1:100

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LOCATION PLAN 1:2500



BLOCK PLAN 1:1000

SHDC
Planning & Development
- 8 JUL 2002
Rec'd 09/07/02

DETERMINED PLAN

ref	revision	date

G. R. MERCHANT
I.ENG AMICE FIWO

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Tel: 01406 490600
Fax: 01406 425744
E-Mail: G. R. Merchant @ Merchant. FS. Co. UK

Project
PROPOSED EXTENSION TO FACTORY
BRIDGE ROAD
LONG SUTTON
SPALDING LINCS.

Client
PREMIER INTERNATIONAL FOODS

Drawing
BLOCK & LOCATION PLANS

Job Ref	Drawing No
517-02	03
Date: JULY '02	Drawn: J.C.

Scales
1:1000 1:2500

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