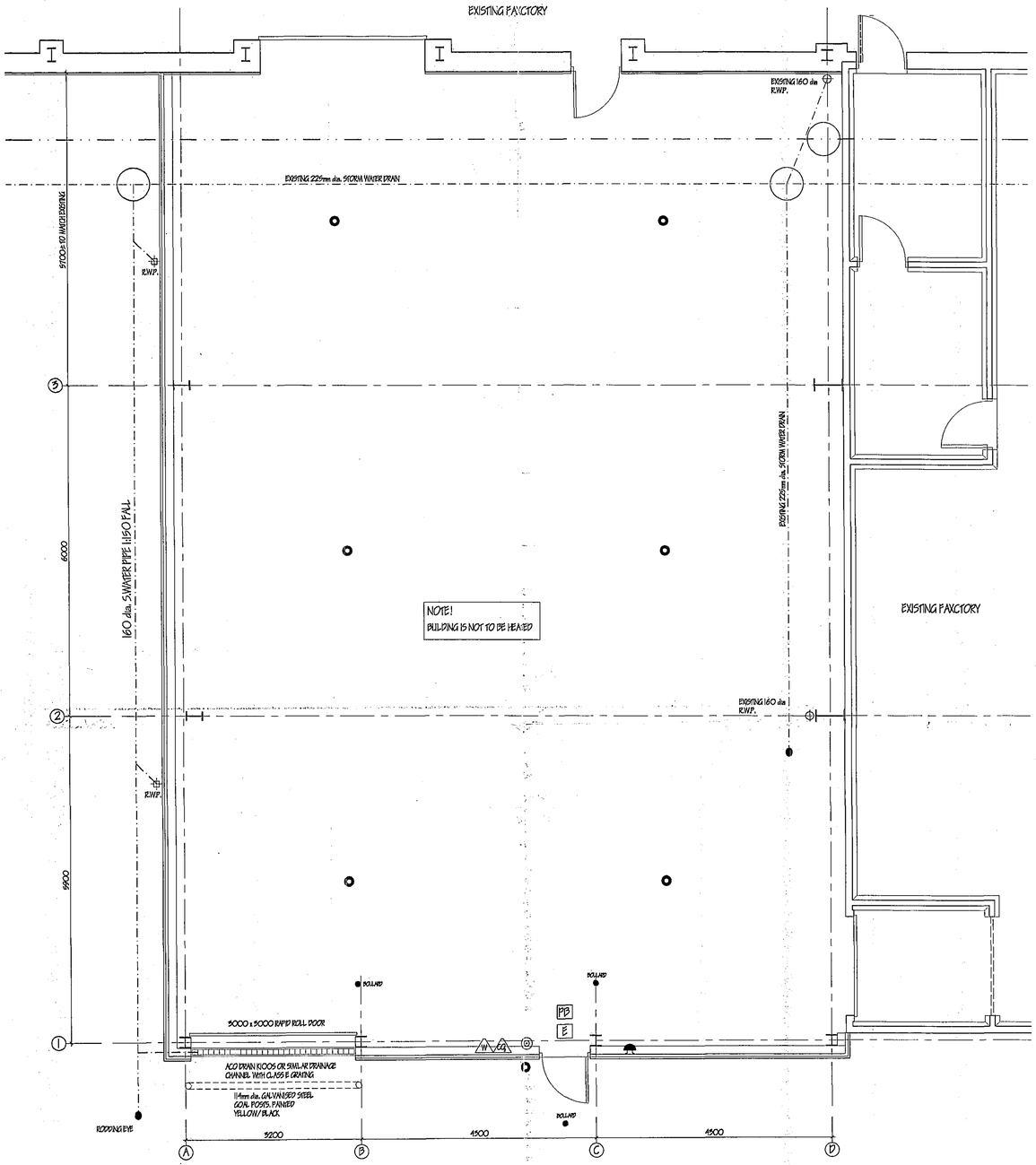
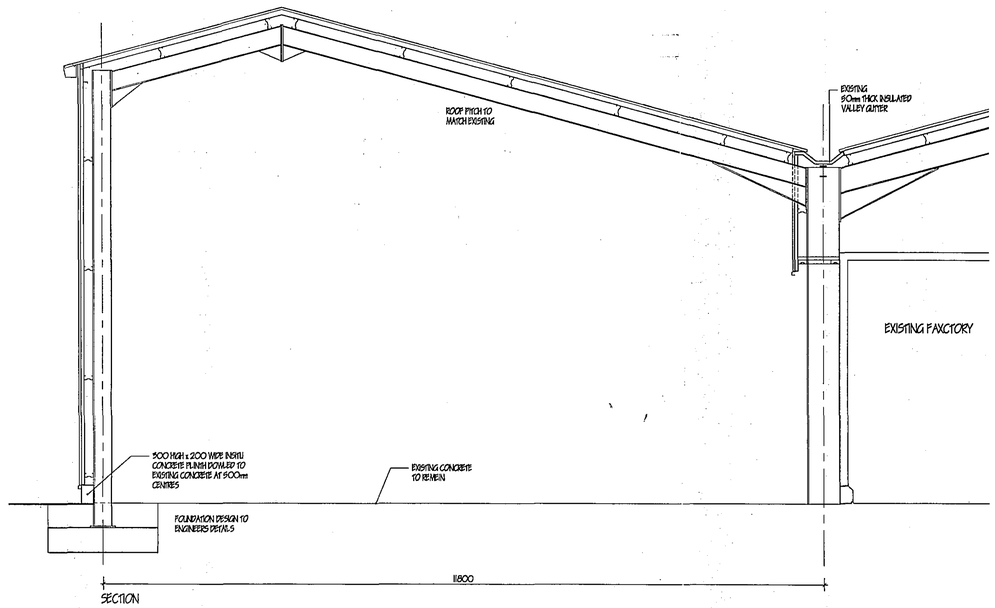
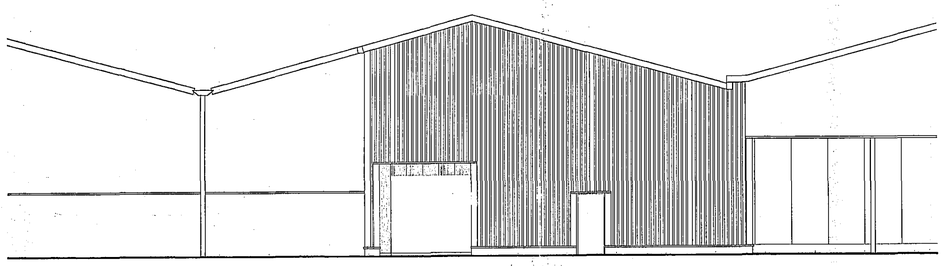
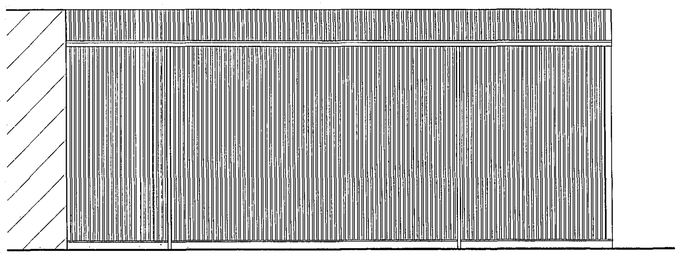




SECTION



WEST ELEVATION



WEST ELEVATION

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.

TRANSLUCENT SHEETING.
10% of roof area in triple skin site assembled translucent sheets. Inner Sheet GRP 5MA Class 1 Outer Sheet Manolite GRP 5AB Class III. Translucent sheets to provide security and permit roof maintainance in compliance with C.D.M. regulations.

LIGHTING.
To Air Lock provide 'Powerlux' or similar approved High Bay Metal halide lamps to provide an initial efficacy ,averaged over the whole area, of not less than 40 lm/watres-lumens / circuit-watt to be controlled by manual switch not more that 6.0m from luminarie or by means of movement.
The following minimum lighting level is recommended:

150Lux at vertical plane.

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

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

SURFACE WATER DRAINAGE.
Pre-formed plastisol coated steel "streamline" rainwater gutters to 100mm square plastisol coated steel rainwater pipes 160mm dia. underground pipes flexibly joined to a fall of 1:150 pipes bedded and surrounded in pea gravel and discharge to existing storm water drain.

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 out side steelwork.

ENERGY METERS
Contractor to provide and fit suitable Energy Metering to enable the owner/ occupier to monitor energy, also to provide sufficient instructions, including an overall metering strategy that shows how to attribute energy consumption to end uses and how the meter readings can be used to compare operating performance with published benchmarks. All in accordance with Building Regulation Approved Document L2 section 5.

LOG BOOK
Contractor to provide the owner/ occupier of the building with a Log Book detailing the installed services, plant and controls. Their method of operation and possible future maintainence to enable energy consuption to be monitored and controlled. All in accordance with Building Regulation Approved Document L2 section 5.

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 B.R. L2
In buildings larger that 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 limiting thermal bridging and air leakage and in accordance with ISO 2001. Design of metal cladding to comply with document L2
NORMATEC: Note 14
Main Contractor is to provide all certification for tests carried out

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

LIMITATIONS.
This drawing is limited in the amount of information contained and does not purport to contain a full specification of the works. It is solely for the purpose of obtaining Planning/ 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.

COPYRIGHT RESERVED.
Copies of this drawing must be made only with the written permission of Cooper Architectural Design.

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.

PB PUSH BAR IRONMONGERY WITH N7 PUSH BAR TO OPEN NOTICE

WATER FILLED EXTINGUISHER (9 litre) TO B.S. EN3

CARBON DIOXIDE EXTINGUISHER (2 Kg) TO B.S. EN3

EMERGENCY LIGHTING POINT

E EMERGENCY EXIT SIGN TO B.S. 5499 pt1. 75mm HIGH LETTERING

FIRE ALARM ACTUATING POINT (CONNECT TO EXISTING SYSTEM)

FIRE ALARM SOUNDER (CONNECT TO EXISTING SYSTEM)

revision	date	init.	revision details.

COOPER ARCHITECTURAL DESIGN
WRIGHTS MEWS, 12A PARK ROAD, HOLBEACH, SPALDING, LINC'S PE12 7EE
Tel/Fax : 01406 423762
Mobile : 07808 125 778

Client.
PREMIER FOODS

Project.
PROPOSED AIR LOCK BUILDING
BRIDGE ROAD
LONG SUTTON
SPALDING
LINC'S.

Drawing.

DETERMINED PLAN
PLANNING & DEVELOPMENT
- 6 DEC 2005
Ref. 1662/05

Scale 1:50 1:100	Drawing No. 0525-01
Date. DECEMBER '05	Drawn. J.C.