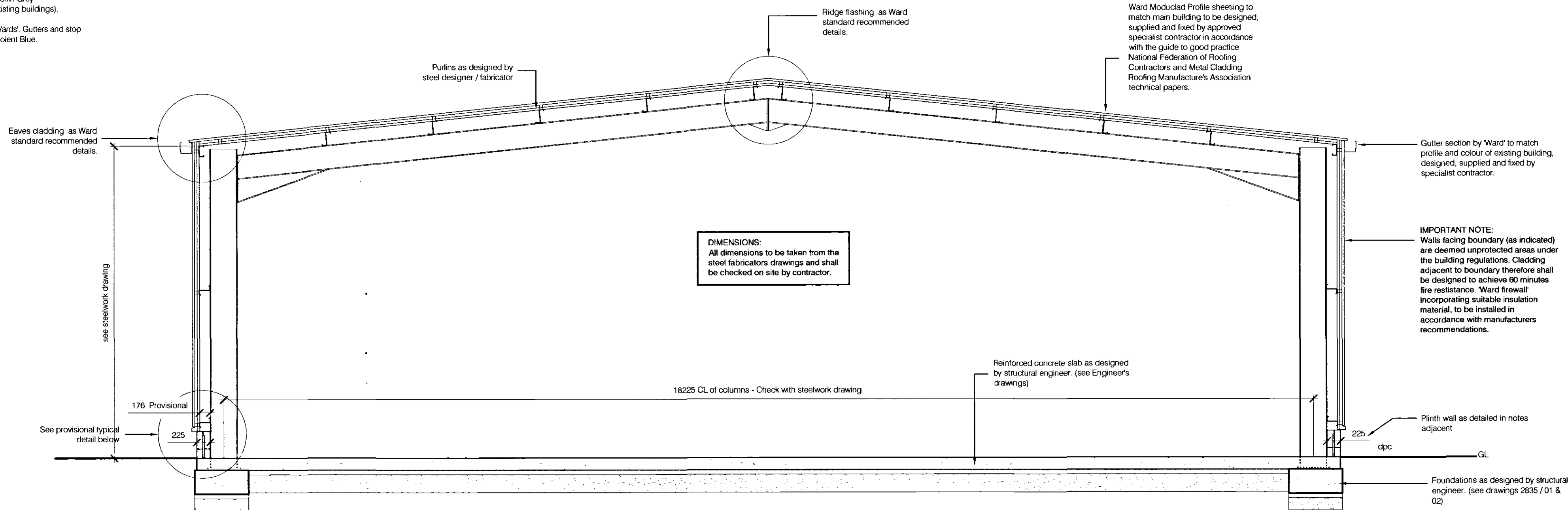


Materials:

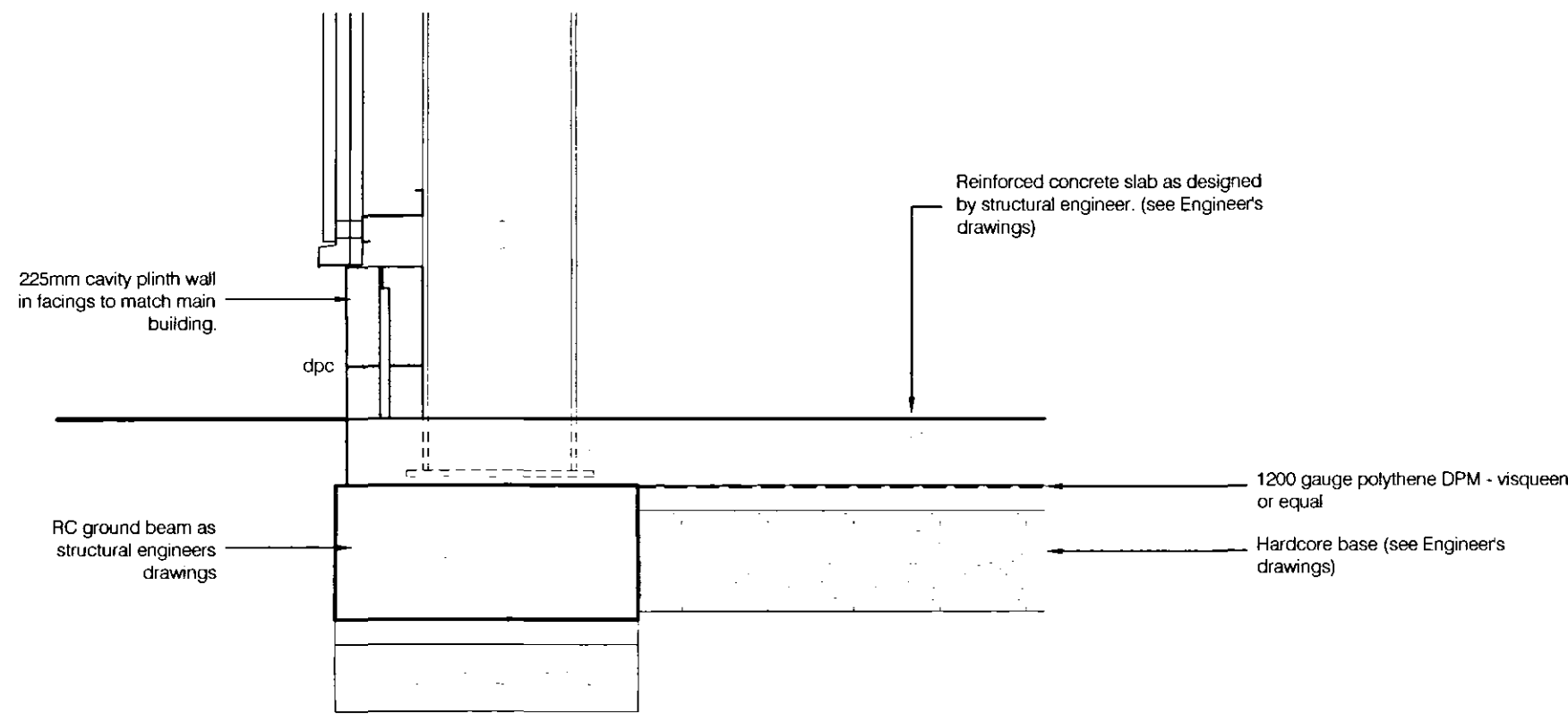
Roof:
Insulated profile sheet, colour: Goose Wing Grey

Walls:
Insulated Profile sheet, colour: Merlin Grey
over red brick plinth (to match existing buildings).

All materials manufactured by 'Wards'. Gutters and stop
flashings in contrasting colour: Solent Blue.



TYPICAL SECTION Scale 1:50



Plinth Detail Scale 1:20

DO NOT SCALE FROM THIS DRAWING

THE GENERAL CONTRACTOR IS TO CHECK ALL DIMENSIONS ON SITE AND
REPORT ANY DISCREPANCIES TO THE SUPERVISING OFFICER.

ALL DIMENSIONS ARE SHOWN IN 'mm' UNLESS OTHERWISE STATED.

Construction Notes:

Building Purpose Group:
Building Designed as purpose group 7a - Storage.

Foundations / Floor Slab:
Foundation and floor slab design to be as detailed by Structural Engineer, refer to drawings
and calculations prepared by Stephen Johnson Consulting Engineers Ltd.

Steel Portal Frame:
Designed, manufactured and erected by A C Bacon Ltd. specialist constructional engineers.
Refer to engineers drawings and calculations.

Wall and Roof Cladding:
New building to be positioned more than 1000mm from the boundary. Cladding to have an
index (I) of not more than 20 (relating to tests specified in BS 476: Part6).

All cladding to be double-skinned insulated profile metal sheeting by 'Ward' ref: Moducad.
The insulation shall make contact with both skins of sheeting as Approved Document B3
diagram 35a. (index (I) = >12)

All wall, ceiling and rooflight linings to have a classification of min. Class 1 in terms of spread
of flame (B3 6.2)

Walls adjacent boundaries to be provided with a min. fire resistance of 60 minutes (see note
on section)

Plinth Wall:
Non load bearing plinth formed with 225mm cavity wall, consisting: 100mm outer skin of
facing brickwork, 25mm clear cavity and 100mm inner skin of blockwork / common
brickwork. Cavity ties to be provided in staggered pattern at 900mm horizontal centres,
450mm vertical centres and 225mm centres at corners and openings. DPC to be provided
to both leaves min. 150mm above ground level and at cavity closures.

Partition Wall:
200mm blockwork partition (not compartment wall) to be formed in position shown, built off
floor slab. Lateral restraint provided by steel frame as engineer's details.

Means of Horizontal Escape:
Requirement = min. 25m travel distance in one direction, therefore complies with Approved
Document B. Storage layout unknown therefore reduced to 16.6m - additional fire escape
added
Occupancy of building to be less than 60.

Doors on Escape Routes:
Doors indicated to be readily openable as Approved Document B1.6
Doors to be fitted with simple fastenings that can be readily operated from the approach
side without the use of a key. Locks may be fitted for use when the building is empty in
agreement with the Local Authority. Doors to open outwards as shown.

Fire Alarm:
An electrically operated fire alarm system should comply with the BS 5839: Part 1 Fire
detection and alarm systems for buildings. Code of practice for system design, installation
and servicing.

Call points for electrical alarm system should comply with BS 5839: part 2 Specification for
manual call points and these should be installed in accordance with BS 5839: part 1.

Automatic fire detection and alarm systems:
To be installed at the discretion of the client in accordance with BS 5839: part 1

Lighting of Escape Routes:
All escape routes should have adequate artificial lighting. Routes and open plan areas of
more than 60 sq.m should also have escape lighting which illuminates the route if the main
supply fails.

The installation shall comply with the standards given in BS 5266: part 1 Emergency Lighting.
Code of Practice for the emergency lighting of premises other than cinemas.....

Exit Signs:
All escape routes shall be marked by emergency exit signs of adequate size complying with
the Health and Safety (safety signs and signals) Regulations 1996. Generally these shall
contain pictograms or symbols to BS 5499: part 1

Heating:
Either no heating will be provided or only low levels of heating: of no more than 25W/m²
with higher temperatures around work stations only, in accordance with approved
document L2 0.22

Below Ground Drainage:
Foul Drainage:
Provision for future addition of sanitary appliances is to be made where indicated.

All rain drains to be 100mm diameter plastic pipe by 'Hunter' / 'Osma' or equal to BS EN
1401. Pipes to be laid with 150mm bed and surround of pea shingle to nominal 1:40 fall,
discharging to existing foul sewer via new manhole in accordance with Anglian Water
requirements.

Where cover to pipe is to be less than 0.9m, pipe is to be protected by a reinforced
concrete slab. (Note: provided by 200mm thk. reinforced concrete road construction).

Inspection points to be positioned as indicated at maximum 45m centres. Chambers
deeper than 1200mm to be formed with 1200mm dia. precast concrete chambers to BS
5911. All other inspection chambers to be 450mm dia. plastic to BS 7158. All inspection
joints to be provided with heavy duty ductile iron covers.

All work is to comply with BS 8000 and inspected in accordance with Approved Document
H1 and manufacturers recommendations.

Surface water drainage to be designed by specialists engineer in consultation with the
Environment Agency. Details to follow.

DETERMINED
PLAN

SHDC
Planning & Development
06 OCT 2005
Ref: 137205



The Design Partnership

The Design Partnership (Ely) Ltd.
100 High Street, Chatteris
Cambridgeshire PE16 6VN
Tel: 01354 693111
Fax: 01354 694672

Job Title

Proposed Additional Packaging Stores and
Two Storey Office Unit, Stephenson Avenue
Spalding, for Malet Azoulay

Drawing Title

PHASE 5
Packaging Stores Typical Section

Date	Scale	Dwn	Dwg. No.	Rev.
Sept 05	1:100	pd	MA-218-04	