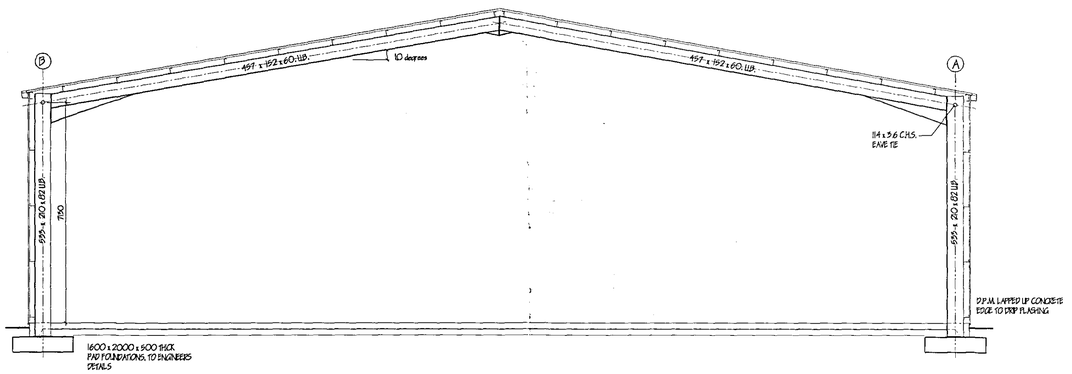


SECTION

LIGHTING.
Provide "Powerlux" or similar approved High Pay Metal halide lamps to provide an initial efficacy averaged over the whole area, of not less than 40 lm/m²es-lumens / circuit-watts to be controlled by manual switch not more that 6.0m from luminaire or by means of movement sensors.
The following lighting levels are recommended:

Storage areas 150Lux at vertical plane

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

GROUND FLOOR.
Floor slab to comprise of 200mm min. clean and well consolidated hardcore not exceeding 40mm max size. with 50mm blinding, 200mm reinforced concrete RC35 mix. with 1 layer A252 reinforcing fabric min. cover 35mm from top Provide 1200ga polythene D.P.M., lapped min. 300mm in all directions and taken up edge of floor slab. Construction joints of 900mm long 16mm dia. tie bars at 600mm c/c. at max 4.0m bay widths.
Power Float Finish.
Design Loading for General industrial occupancy. all in accordance with Structural Engineers Calculation.

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.

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.

LARGE INDUSTRIAL DOORS
Supply and Fit 9.0m x 9.0m galvanised steel roller shutter single skin door.

CLADDING
Form all vertical cladding of 0.5mm thick Plas...ed coated trapezoidal profile galvanised steel Pa...roffiled foam fillers with drainage slots to base and ca...se Cladding system fixed to "Ward Building Comp...nents Ltd." or similar galvanised steel purlins space f... Structural Engineer recommendations. All fixe... in accordance with manufacturers instructions.

PITCHED ROOF
Form pitched roof covering of "Cape Boards" or similar PBR Corrugated Fibre Cement. Fit prof...d foam fillers with drainage slots to ridge and ea...se Cladding system fixed to "Ward Building Com...nents Ltd." or similar galvanised steel purlins space f... Structural Engineers recommendations. All fixe... in accordance with manufacturers instructions

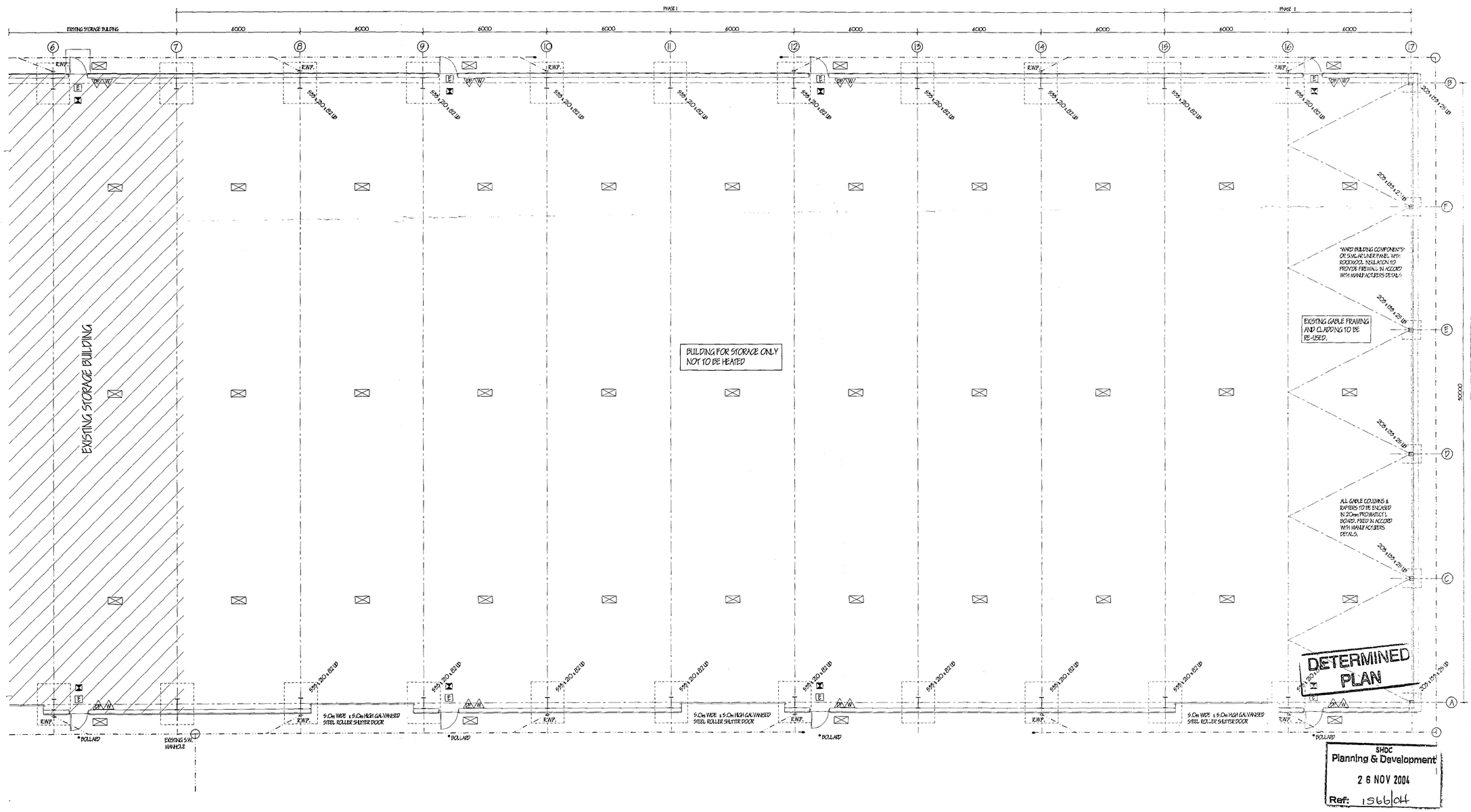
SURFACE WATER DRAINAGE.
Pre-formed plastic coated steel "streamline" rainwater gutters to 100mm square plastic c...ated steel rainwater pipes: 110mm dia. underground pipes flexibly joined to a fall of 1:70 pipes bedded ...d surrounded in pea gravel and discharge to 2...m soak away min. 5.0m to edge from Building. All footpaths and drives to slope away from buildin...

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 finishes showing compliance with B.R. L2
In buildings greater than 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 CIBSE TM 23:2000.
Thermal performance of the building is to comply with BS EN ISO 13789:1999 Imitting thermal transfers 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.



EMERGENCY LIGHTING TO B.S. 5266 Pt. 1.

DRY POWDER FILLED EXTINGUISHER CAPACITY 4.5Kg.

WATER FILLED EXTINGUISHER CAPACITY 9 litres

EMERGENCY EXIT DOOR WITH SIGN OVER TO B.S. 5499 pt1. 100mm LETTERING

PUSH BAR TO OPEN SIGN

ref:	revision	date

SOUTH LINCS CONSTRUCTION LTD

Bars Bridge
Bourne Road
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Spalding
Lincs. PE11 3NQ
Tel. 01775 640555
Fax.01775 640679

Project
EXTENSION TO EXISTING STORAGE BUILDING
WINTERS LANE
LONG SUTTON
SPALDING LINCS.

Client
DUNNS SEEDS (LONG SUTTON) LTD.

Drawing
FLOOR PLAN / SECTION

Job Ref.	Drawing No.
1079-04	01
Date: NOV. '04	Drawn: JC

Scales
1:100

DO NOT SCALE FROM THIS DRAWING
This drawing is copyright and may not be altered, traced, photographed or used for any other purpose other than that for which it is issued. The General Contractor is to check all dimensions on site and report any discrepancies to SLC Ltd. All details shown on this drawing including foundations are based upon typical site conditions related to the area. No responsibility can be accepted for abnormal conditions which may be discovered during construction unless reported to SLC Ltd. so that design amendments may be considered. Site soil surveys are recommended in respect of foundations to establish specific site conditions before foundation work is undertaken. This drawing is limited in the amount of information contained and does not purport to contain a full specification of the works. This drawing must not be used as a contract document alone. All materials to be new unless otherwise stated and all components and materials etc. to be fixed and installed etc. in strict accordance with manufacturers instructions and relevant code of practice. Materials shall conform to appropriate British standard specification or BSI certificate or European code equivalent. The works shall comprise of all that is shown on the Drawing and details. Work that may not specifically shown but may be reasonably inferred as necessary to carry out the works shall be deemed to be included.

SHDC
Planning & Development
26 NOV 2004
Ref: 1566/04