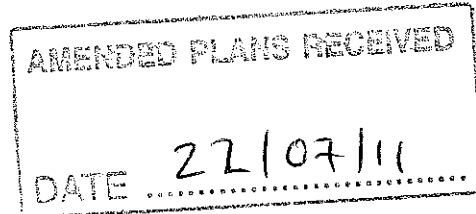


320110475P



Design and Access Statement

Project Reference: 5432
Project Description: Booths Longridge
Client: Booths
Date: 20 July 2011
Revision (3)



Revision 3 has been drawn up following minutes of Longridge Town Council meeting of 13th July. The purpose is to address the issues of Crumpax mill wall, external lighting, and loading. (updates in blue)

Background

Booths have acquired the neighbouring Spar / Subway store and wish to improve the food offer within their existing store. Additional fresh food counters will be provided, which require support facilities (fridges, preparation area) in order for them to work. These areas require an additional extension to the West, and the use of storage facilities within the existing Spar shop.

Design



The location of the proposed extension is to the West of the Site, currently used as trolley store, storage, and chiller compound.

The proposed extension will be rendered block to match existing, with a dibond fascia to match existing, the height of which will match the existing fascia. A very low pitch roof behind will be hidden by the fascia.

Heritage Statement

In accordance with Planning Policy Statement 5: Planning for the Historic Environment, Policy HE6, we have paid attention to Ribble Valley Borough Council Longridge Conservation area map.
http://www.ribblevalley.gov.uk/downloads/file/3669/longridge_conservation_area_map

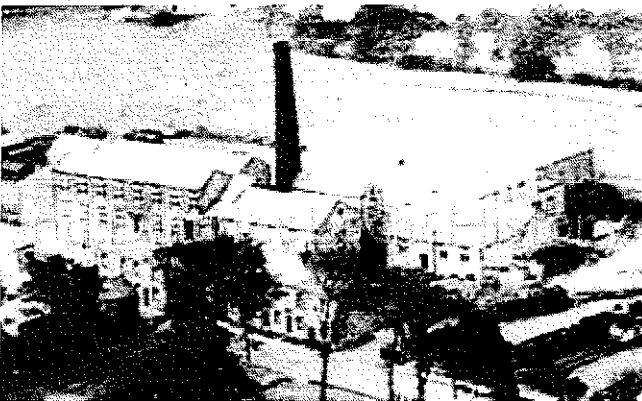
This map defines the existing garage, now a Booths store as a Negative Building. However, this map refers to the building as a garage, and is therefore out of date. The Building has been tidied up from its original garage status, and is now a much improved Booths Supermarket.

We have also viewed the Longridge Conservation area appraisal document
http://www.ribblevalley.gov.uk/downloads/file/3904/longridge_conservation_area_appraisal

This document excludes the Booths Supermarket from the Conservation area.

Following further comment from Ribble Valley Council, we have also viewed the Longridge Historic Town Assessment report.

The report includes the photograph to the left, showing the only surviving remains of Crumpax Mill.



A photo taken Circa 1945 (© Longridge and District Local History Society)



Photo of Syd Brown & Sons garage
before Booths refurbishment, taken
August 2004

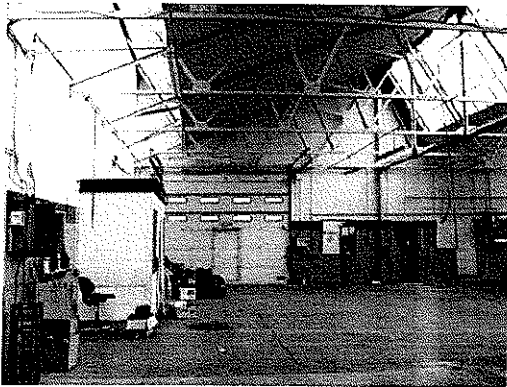


Photo of Syd Brown & Sons garage roof
before Booths refurbishment, taken
August 2004

Comparing the photos, it's clear that whilst Crumpax Mill may have been an impressive building in 1945, by 2004 there was very little left indeed. When Booths took over the Syd Brown & Sons Garage, the building was improved and brought up to Supermarket specification. The existing steel framed northlight roof was retained.

The East elevation overlooking existing Spar shop and car park was not touched, as Spar owned timber sheds adorning its elevation.

These timber sheds will be removed. The wall is a mixture of brick, stone, blockwork, wood, 3 types of poor old render, with broken glass and rubbish at floor level.

In accordance with Longridge Town Council comments, the existing wall connected to the building will be retained and cleaned. This area is shown in the photograph above. The blockwork areas will be removed and infilled with stone removed from the demolished area.

An additional area of wall to the left, currently clad in profiled cladding will be removed to allow access from Booths' new car park to the Booths store. The oil tank and wall will be removed to ensure children are not able to access the roof. This section of wall needs to be removed in order for the Booths store to be accessed from the new Booths supermarket.

Finally, relating to the new extension, as this is set well behind the road/pavement area, covered from the north by existing hedges, matching the existing render; it will blend in with the existing building.

Access

The main Booths Longridge store entrance will remain unchanged

The store area (existing Spar/Subway) will be accessed through a roller shutter door. This replaces the existing white glazed entrance door.

Lighting

The existing site has bulkhead lighting and floodlighting mounted to the building. The floodlighting is most likely to be of most concern to neighbours of the site.

Our proposal is to remove all the existing lighting to the 'new' car park. We will replace the bulkhead lights, and rather than install floodlights, propose to install 2 no. 6 metre high lighting columns in the middle of the car park giving a lighting level of 21 lux at ground. These are indicated on the updated drawings.

All the lights will switch off 15 minutes after store closing. This works by using a time clock, which could potentially be updated if the local people find that the lighting throughout the night prohibited crime. The lights also have a light sensor so will not be on during the day.

Deliveries



Delivery times from the original store operation will not change. However, following Longridge town council comments, the existing bin store fence will be extended an additional 14.5 metres. This fence is close boarded timber clad and 1.875 metres high. The fence can be seen behind the smaller tree in the photo, and is indicated on the updated drawings.

Drainage

New roof extension surface water, and new prep area foul drainage will be routed below ground to existing mains sewer.

Disabled use

Booths Longridge store currently has WC facilities for disabled staff, and an additional facility will be kept within the existing Spar shop

The store has existing ramped access for wheelchair users into the store

The car park currently has disabled and parent and child spaces. The existing spar car park which has none of these spaces, will be partially re-lined to accommodate additional disabled and parent and child spaces

320110475P

Car Park

Installation : Booths

Project number : 30611

Customer : Greenways

Processed by : JG

Date : 30.06.2011

The following values are based on exact calculations on calibrated lamps, luminaires and their arrangement. In practice, gradual divergences can occur.

Guarantee claims for luminaire data are excluded.

Relux and the luminaire manufacturers accept no liability for consequential damage and damage which is occasioned to the user or to third parties.

Object : Car Park
Installation : Booths
Project number : 30611
Date : 30.06.2011

1 Luminaire data

1.1 Abacus Lighting Ltd, Twin lamp amenity lantern (!AL4003/400WSPT)

1.1.1 Data sheet

Manufacturer: Abacus Lighting Ltd

!AL4003/400WSPT Twin lamp amenity lantern

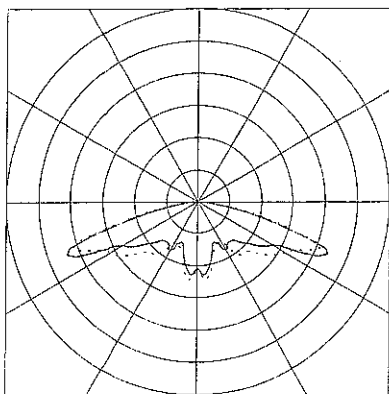
Luminaire data

Luminaires efficiency : 59.46% (A20)
↓ 99.4% ↑ 0.6%

Control gear :
System power : 907 W
Length : 1000 mm
Width : 1000 mm
Height : 1000 mm

Equipped with

Number of : 2
Designation : 400W SON-T
Power : 0 W
Colour :
Luminous flux : 32000 lm

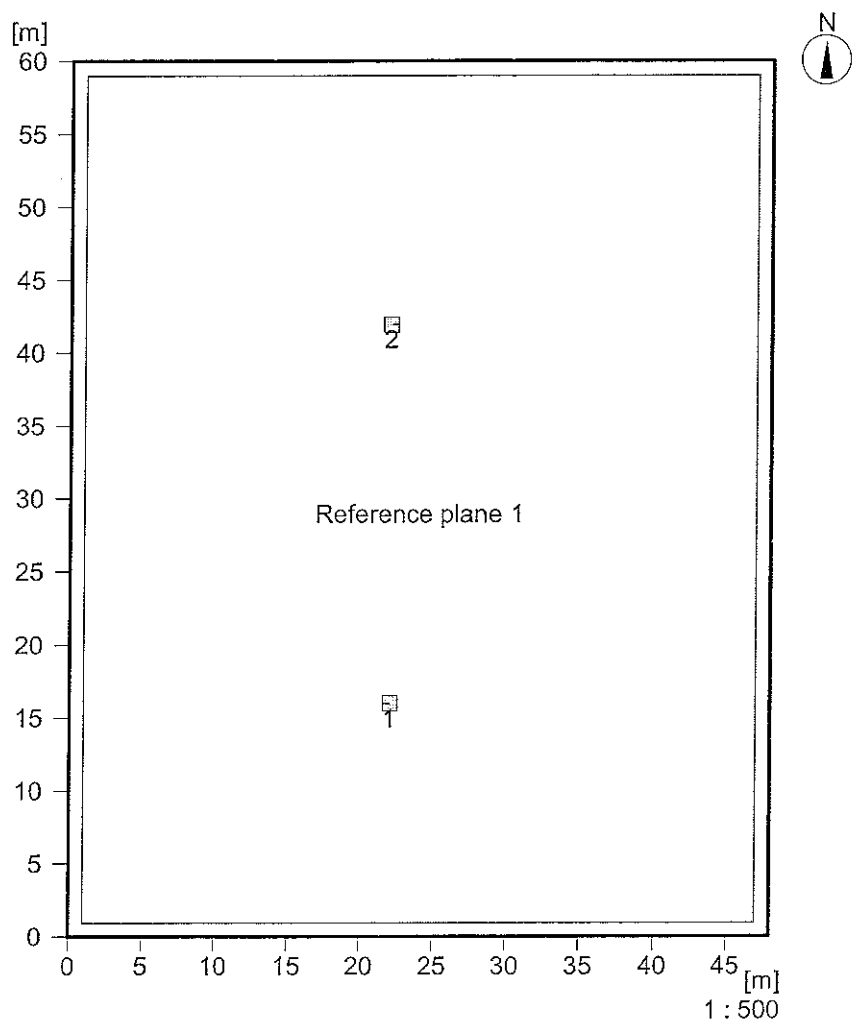


Object : Car Park
Installation : Booths
Project number : 30611
Date : 30.06.2011

2 Exterior

2.1 Description, Exterior

2.1.1 Floor plan

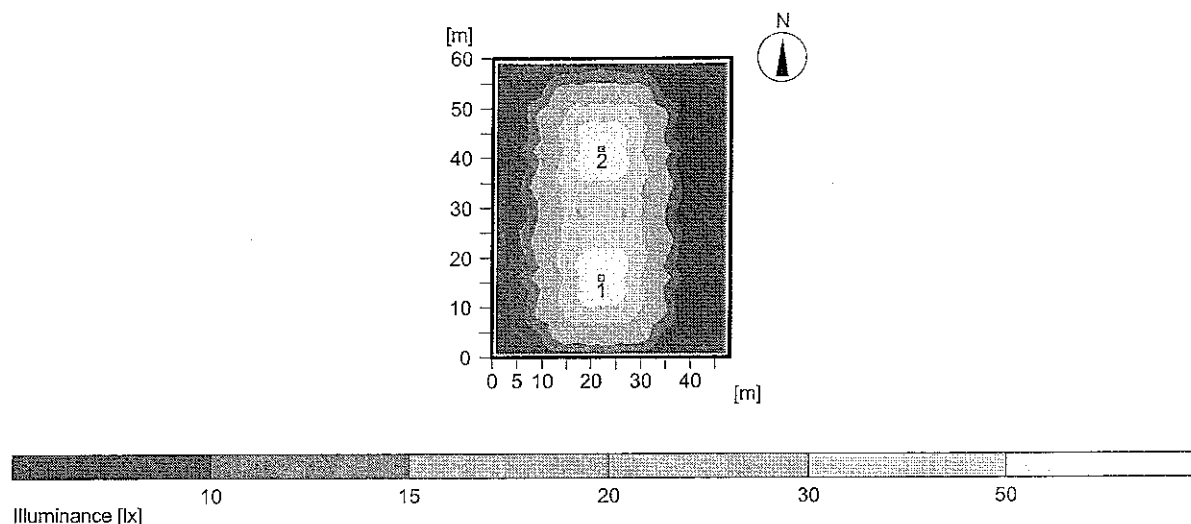


Object : Car Park
 Installation : Booths
 Project number : 30611
 Date : 30.06 2011

2 Exterior

2.2 Summary, Exterior

2.2.1 Result overview, Reference plane 1



General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
photometric centre height [m]:	6.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	128000 lm
Total power	1814 W
Total power per area (2880.00 m ²)	0.63 W/m ² (3.03 W/m ² /100lx)

Illuminance

Average illuminance	Eav	21 lx
Minimum illuminance	Emin	1 lx
Maximum illuminance	Emax	128 lx
Uniformity g1	Emin/Em	1:25.5 (0.04)
Uniformity g2	Emin/Emax	1:156 (0.01)

Type No. Make

3	2	Abacus Lighting Ltd
		Order No. : !AL4003/400WSPT
		Luminaire name : Twin lamp amenity lantern
		Equipment : 2 x 400W SON-T 0 W / 32000 lm

Object : Car Park
 Installation : Booths
 Project number : 30611
 Date : 30.06 2011

2 Exterior

2.3 Calculation results, Exterior

2.3.1 Table, Reference plane 1 (E)

	2	2	3	4	5	6	7	8	8	8	9	9	10	10	10	10	9	8	8	8	7	6	5	4	3	2	2	(1)	(1)	(1)
[m]	2	3	3	4	6	8	10	12	14	14	13	14	15	14	15	15	13	14	15	13	11	9	7	5	4	3	2	2	(1)	(1)
55	3	4	5	6	7	9	12	17	19	23	21	20	22	20	22	21	20	23	20	18	14	10	8	6	5	4	3	2	2	(1)
50	3	5	7	9	12	13	15	19	26	29	32	29	32	30	32	29	31	30	28	21	16	14	12	10	8	5	4	3	2	2
	3	5	7	9	13	18	22	25	28	36	42	43	44	41	41	44	43	39	31	26	23	20	14	10	7	5	4	3	2	(1)
45	3	4	6	8	12	16	22	27	35	44	50	57	62	58	61	59	51	47	38	30	24	18	13	10	7	6	4	3	2	(1)
	4	5	7	9	12	15	19	26	32	40	49	65	65	79	69	66	55	43	35	29	22	16	13	10	7	6	4	3	2	2
40	4	6	9	12	15	17	19	24	30	36	45	62	83	125	102	65	52	38	32	26	21	18	16	13	10	7	5	4	3	2
	4	5	7	9	11	15	21	27	34	44	58	62	64	66	64	64	61	49	37	30	23	17	13	10	7	5	4	3	2	2
35	4	5	7	10	14	18	24	30	36	41	47	57	62	57	59	59	52	43	39	32	26	20	15	11	8	6	4	3	2	2
	4	6	8	11	16	21	23	25	31	40	42	42	43	43	42	42	43	42	34	27	24	22	18	13	9	7	5	4	3	2
30	4	6	9	11	14	18	19	25	31	34	35	34	37	36	37	35	34	36	32	28	21	17	15	12	10	7	5	4	3	2
	4	6	7	9	12	16	21	26	30	32	29	31	33	31	32	32	29	31	32	28	23	18	13	10	8	6	5	4	3	2
25	4	6	7	9	12	16	21	26	30	32	30	31	33	31	32	32	30	32	31	28	23	18	13	10	8	6	5	4	3	2
	4	6	9	12	14	17	19	25	31	34	37	34	38	37	38	36	36	36	33	28	21	17	15	13	10	7	5	4	3	2
20	4	6	8	11	15	21	24	26	31	40	43	44	44	44	43	44	44	43	34	27	25	22	18	13	9	7	5	4	3	2
	4	5	7	10	13	18	23	29	36	44	48	58	63	59	61	60	52	45	40	32	26	20	15	11	8	6	4	3	2	2
15	4	5	7	9	11	15	20	27	34	42	55	64	63	71	65	65	60	47	37	30	23	17	13	10	8	6	4	3	2	2
	4	6	9	12	15	18	19	24	29	35	44	61	82	128	105	65	51	38	31	26	20	18	16	13	10	7	5	4	3	2
10	3	4	6	9	12	16	22	27	34	42	47	56	61	57	59	58	50	44	38	30	24	18	13	10	7	5	4	3	2	(1)
	3	5	7	9	13	18	21	23	27	36	40	41	41	40	39	41	41	39	30	25	22	20	15	10	7	5	4	3	2	2
5	3	5	7	9	11	12	14	19	25	27	30	27	31	29	31	28	29	29	26	21	15	13	11	10	8	5	4	3	2	(1)
	2	2	3	4	6	8	10	12	13	13	12	13	14	14	14	14	13	13	14	12	11	9	6	5	4	3	2	2	(1)	(1)
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	[m]
	Illuminance [lx]																													

Height of the reference plane	: 0.00 m
Average illuminance	Eav : 21 lx
Minimum illuminance	Emin : 1 lx
Maximum illuminance	Emax : 128 lx
Uniformity g1	Emin/Eav : 1 : 25.51 (0.04)
Uniformity g2	Emin/Emax : 1 : 156.35 (0.01)

Object : Warehouse
Installation : Booths Longridge
Project number : 30611
Date : 21.07.2011

320110475P

1 Luminaire data

1.2 Dextra, AVALON WALLPACK (AVAWPT42L)

1.2.1 Data sheet

Manufacturer: Dextra

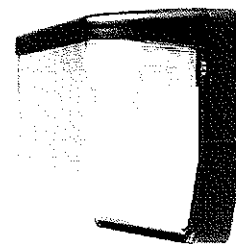
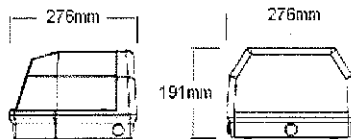
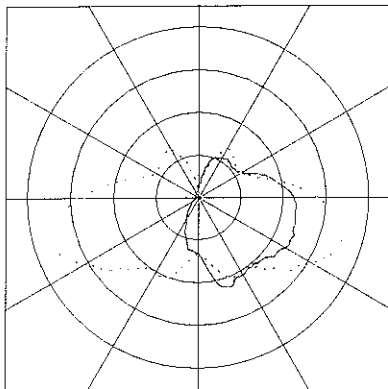
AVAWPT42L wall-mounted luminaire **AVALON WALLPACK**
Wall mounted exterior amenity bulkhead 42W TCT

Luminaire data

Luminaires efficiency : 73.3% (B21)
↓ 65.6% ↑ 34.4%
Control gear : electronic ballast
System power : 46 W
Length : 272 mm
Width : 272 mm
Height : 183 mm

Equipped with

Number of : 1
Designation : FSMH
Power : 42 W
Colour : 4000K
Luminous flux : 3200 lm



Object : Warehouse
Installation : Booths Longridge
Project number : 30611
Date : 21.07.2011

320110475P

1 Luminaire data

1.1 Thorn, LEOPARD 1X28W TC-DDEL HF E3 P... (96 230 491)

1.1.1 Data sheet

Manufacturer: Thorn

96 230 491 LEOPARD 1X28W TC-DDEL HF E3 PR SQ BLK 40 [STD]

A square bulkhead luminaire, with emergency lighting function, for 1 x 28W TC-DDEL lamp. Combined HF & EM SC circuit with emergency circuit black body with prismatic polycarbonate plastic diffuser. Electrical safety class I. Ingress protection IP65. Supplied with 840 lamp.

Dimensions : 266 x 266 x 101 mm

Total power : 26 W

Weight: 2 kg

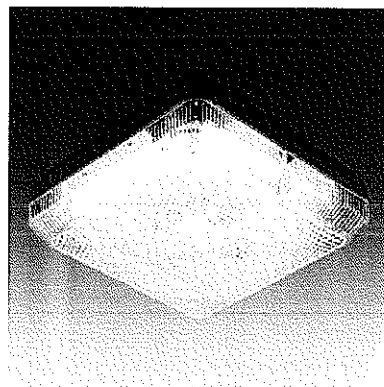
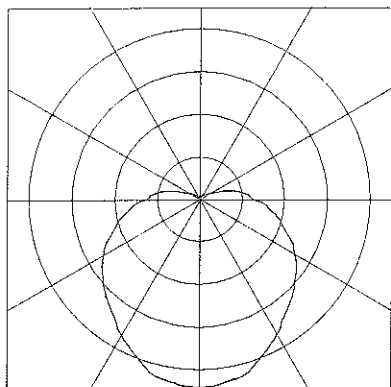
Luminaire data

Luminaires efficiency : 77% (B31)
↓ 85.9% ↑ 14.1%

Control gear :
System power : 26 W
Length : 266 mm
Width : 266 mm
Height : 101 mm

Equipped with

Number of : 1
Designation : TC-DD
Power : 28 W
Colour :
Luminous flux : 2050 lm



320110475P

CAR PARK & AMENITY LIGHTING

ORION AL4000



Optimum Reflector System: Patent No. 3151234

Benefits

- A great solution for large areas requiring even light distribution
- You'll need fewer lighting points thanks to the efficiency and uniformity of square illuminance distribution combined with a twin 400W lamp capacity
- Fewer lighting points mean you save on installation and maintenance costs - there'll be less cable, gear, lamp replacement, power consumption and waste
- Provide low light pollution <1% ULOR so they're dark skies friendly
- Twin lamp facility offers half output and security during off-peak hours

Features

- High performance Optimum Reflector System is highly polished and anodised aluminium producing a square illuminance distribution at ground level
- UV stabilised clear polycarbonate bowl with a decorative outer edge in a diamond pattern
- Canopy in spun aluminium with a removable top cap for easy lamp access
- Cast aluminium spigot housing for one set of control gear (450W max)

- Both canopy and spigot come as standard in black or white polyester powder coating (option of customer colour choice)
- Available in single lamp and twin lamp versions
- Single lamp versions have integral gear
- Twin lamp versions have one set of integral and one set of remote gear
- Option of an internal shield to give asymmetric distribution and alleviate overspill
- Mounting height is 8m - 12m for optimum performance

Applications

- Retail and leisure car parks
- Large area lighting

Lighting distribution

Square Asymmetric (using optional internal shield)

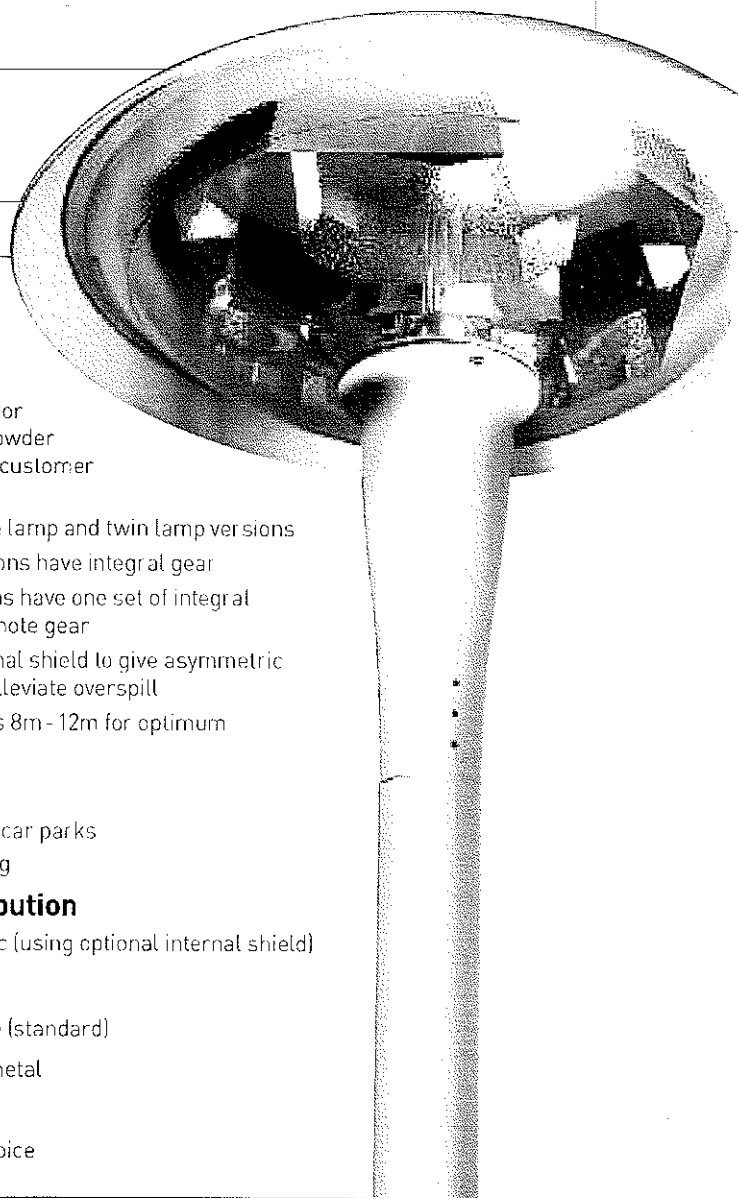
Colours

○ RAL9003 White (standard)

● RAL9007 Gunmetal

● RAL9005 Black

or to customers' choice



	Lamp wattage and type	Lamp holder	Description	Weight (Kg)*	Windage (m²)
AL4001	1 x 150/250/400W SONP-T 1 x 250/400/450W HQI-T	E40	Square distribution; integral gear	24.3	0.286
AL4002	1 x 150/250/400W SONP-T 1 x 250/400/450W HQI-T	E40	Asymmetric distribution; integral gear	25.8	0.286
AL4003	2 x 150/250/400W SONP-T 2 x 250/400W HQI-T	E40	Square distribution; control gear (1 integral, 1 loose)	24.8	0.286
AL4004	2 x 150/250/400W SONP-T 2 x 250/400W HQI-T	E40	Asymmetric distribution; control gear (1 integral, 1 loose)	26.3	0.286
AL4005	1 x 150/250/400/600W SONP-T 1 x 250/400/450W HQI-T	E40	Square distribution; remote control gear	19.8	0.286
AL4006	1 x 150/250/400/600W SONP-T 1 x 250/400/450W HQI-T	E40	Asymmetric distribution; remote control gear	21.3	0.286
AL4007	2 x 150/250/400W SONP-T 2 x 250/400W HQI-T	E40	Square distribution; remote control gear	20.3	0.286
AL4008	2 x 150/250/400W SONP-T 2 x 250/400W HQI-T	E40	Asymmetric distribution; remote control gear	21.8	0.286



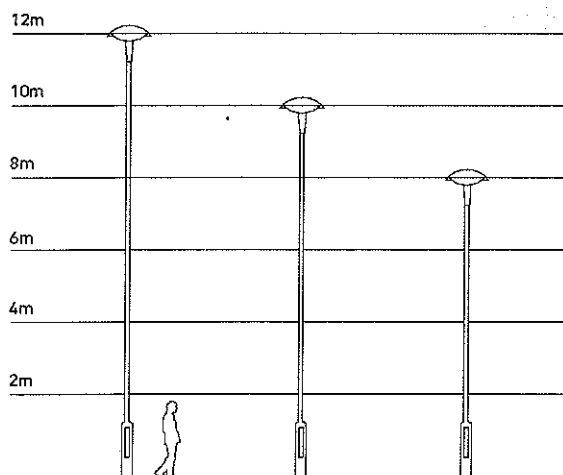
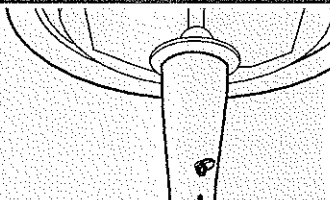
Column options

Choose between fixed and base hinged

	12m	10m	8m
Fixed	TB12.AM1	TB10.AM1	TB08.AM1
Base	T127RLH.AM1	T107RLH.AM1	T088RLH.AM1

Accessories

AL4000/PC Photocell



With Optimum Reflector System
Please see page 9 for further information

Spotlight on Orion

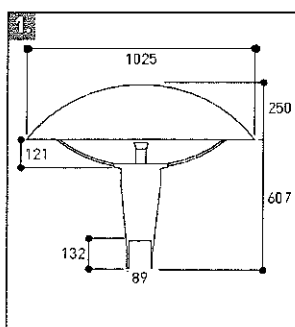
Since its introduction the Orion has set the standard internationally for combining high lighting levels and excellent uniformity in large car parks and amenity areas. Its twin parallel lamp solution also gives customers the option of half lighting levels at low usage times without compromising on uniformity. Its attractive and universal appearance also lends itself to a wide number of applications.



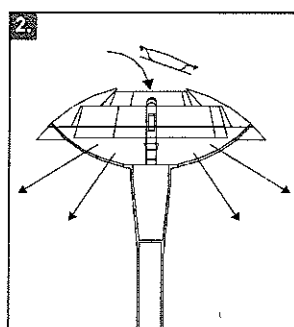
Morrisons were able to use fewer lighting columns thanks to Orion's high levels of performance and control of overspill. This, in turn, reduced running costs, infrastructure and maintenance. The result is a safe environment for customers that keeps light pollution to a minimum.



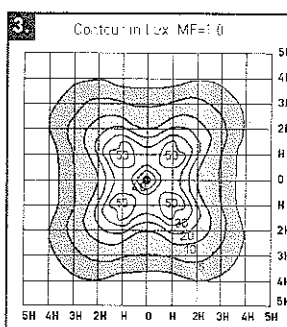
Key features



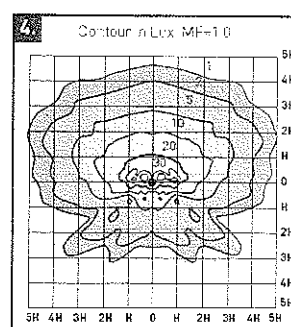
Dimensions & Mounting
Direct spigot entry onto 89mm diameter column shafts
Mounting height: 8m – 12m



Maintenance
Removable top cap for lamp access via 1/4 turn fasteners



Square distribution
Lamp 2 x 400W SONP-T
Mounting height: 10m



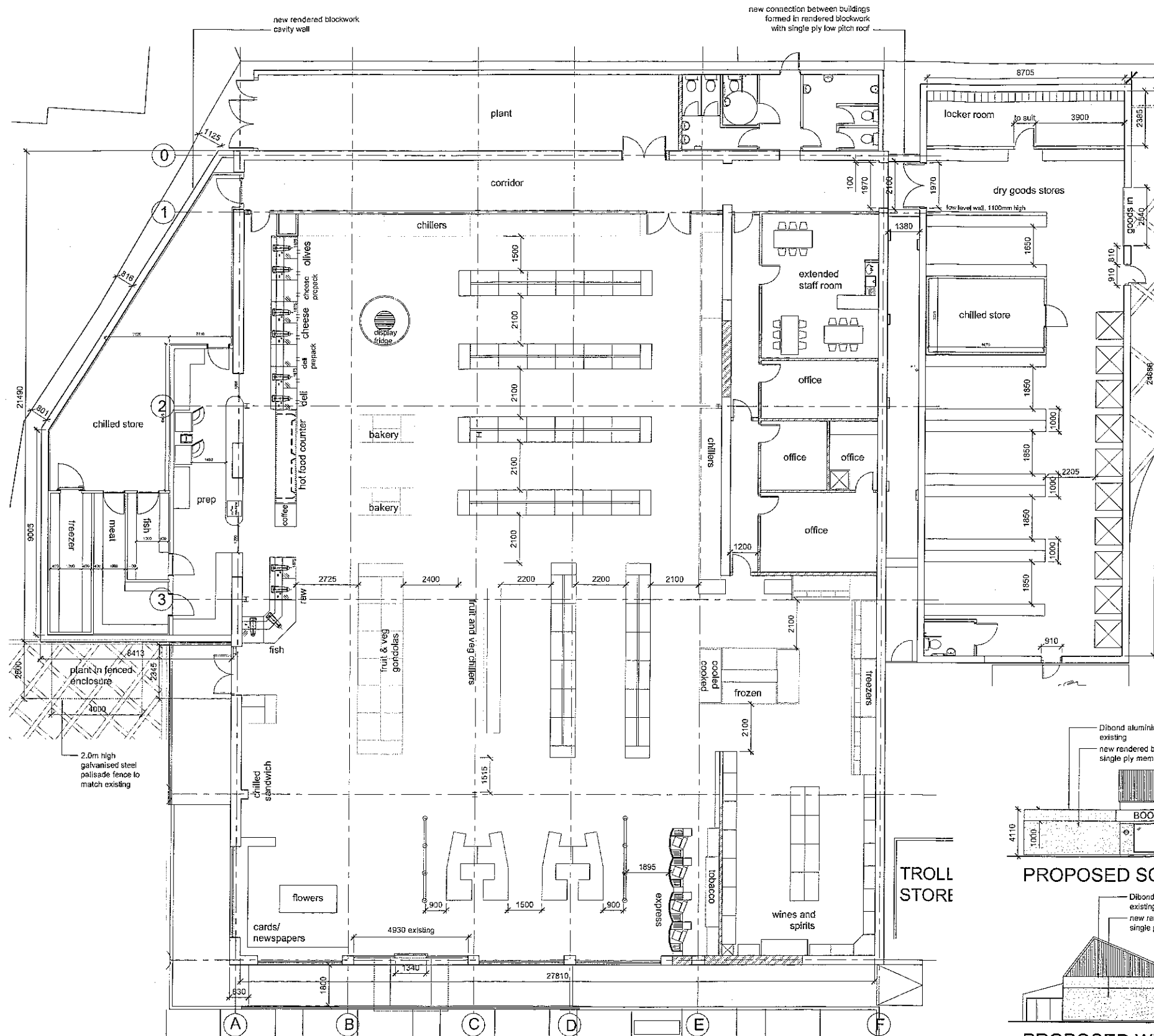
Asymmetric distribution
Lamp 400W SONP-T
Mounting height: 10m

320110475P

Wilson Mason and Partners

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Spring Lane
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PR5 0JX
E preston@wilsonmason.co.uk
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T 01772 877455
F 01772 877459

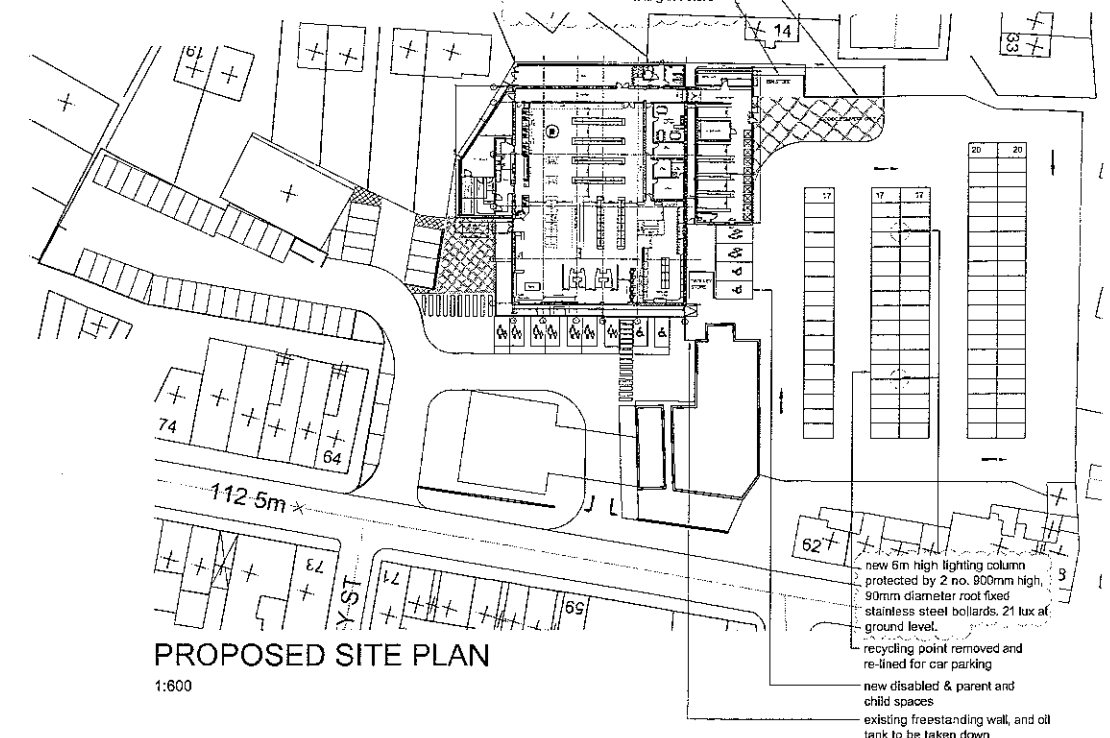
This drawing is to be read in conjunction with all relevant contracts and specialist drawings. The architect is to be notified of any discrepancies before proceeding, but not liable for any errors. All dimensions are to be checked on site. This drawing is subject to copyright.



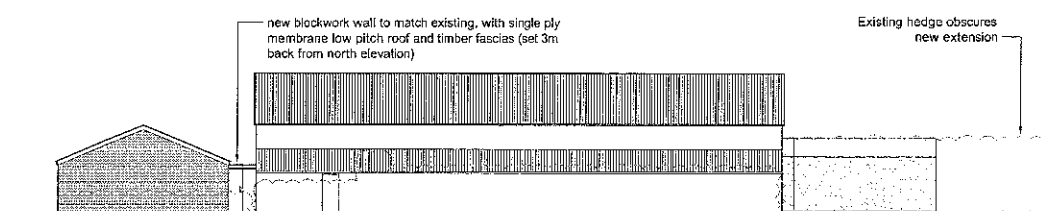
PROPOSED STORE LAYOUT
1:100

AMENDED PLANS RECEIVED

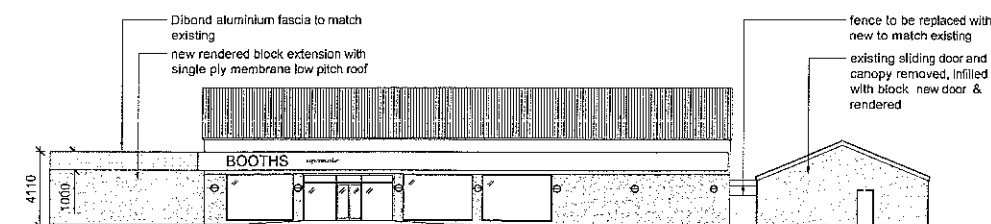
DATE 22/07/11



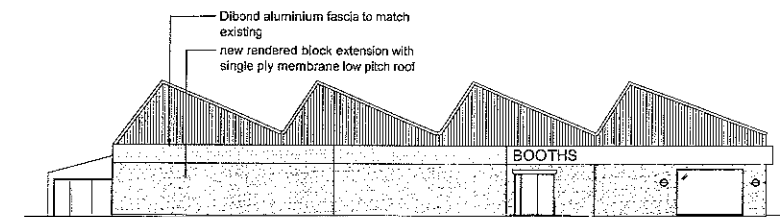
PROPOSED SITE PLAN
1:600



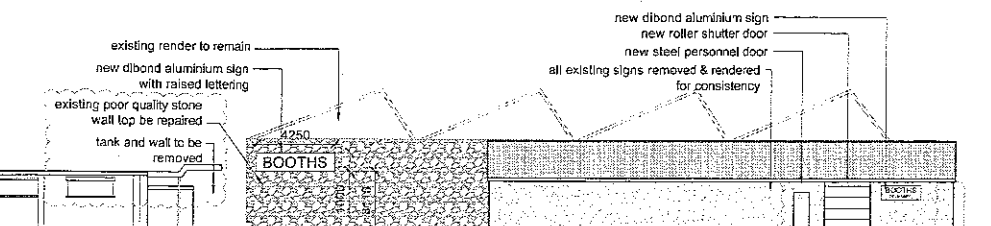
PROPOSED NORTH ELEVATION 1:200



PROPOSED SOUTH ELEVATION 1:200



PROPOSED WEST ELEVATION 1:200



PROPOSED EAST ELEVATION 1:200

BOOTHS

Extension to Booths Supermarket
Berry Lane
Longridge

by JRB DS 20.04.2011 1:100 A1
date 20.04.2011 1:100 A1

PROPOSED FLOOR PLAN

C 5432 L(1)-02 6

Wilson Mason and Partners