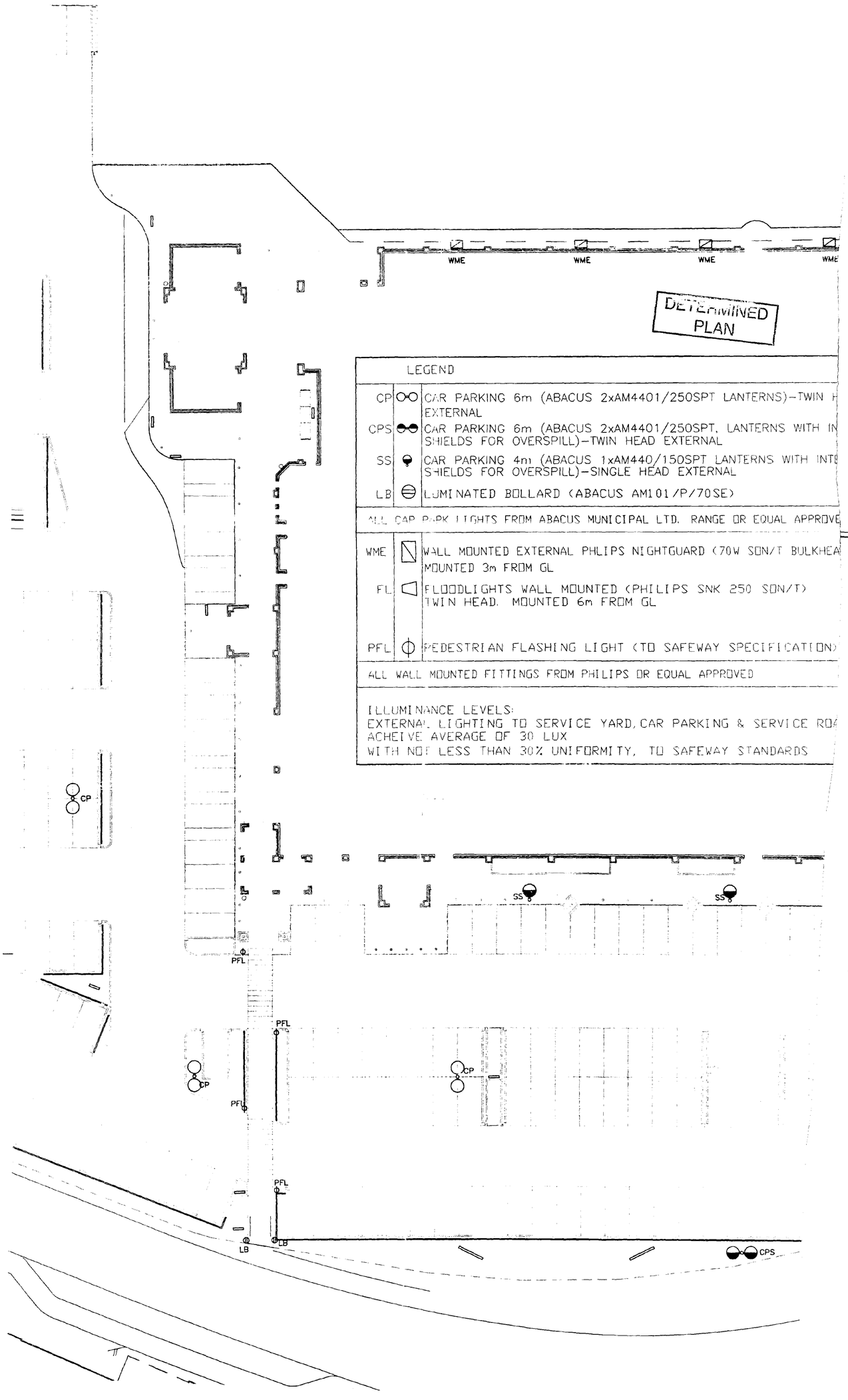

WME
WME
WME
WME
DETERMINED PLAN
LEGEND
CP
CAR PARKING 6m (ABACUS 2xAM4401/250SPT LANTERNS)-TWIN H EXTERNAL
CPS
CAR PARKING 6m (ABACUS 2xAM4401/250SPT. LANTERNS WITH IN SHIELDS FOR OVERSPILL)-TWIN HEAD EXTERNAL
SS
CAR PARKING 4m (ABACUS 1xAM440/150SPT LANTERNS WITH INTE SHIELDS FOR OVERSPILL)-SINGLE HEAD EXTERNAL
LB
LUMINATED BOLLARD (ABACUS AM101/P/70SE)
ALL CAR PARK LIGHTS FROM ABACUS MUNICIPAL LTD. RANGE OR EQUAL APPROVE
WME
WALL MOUNTED EXTERNAL PHLIPS NIGHTGUARD (70W SON/T BULKHEA MOUNTED 3m FROM GL
FL
FLOODLIGHTS WALL MOUNTED (PHILIPS SNK 250 SON/T) TWIN HEAD. MOUNTED 6m FROM GL
PFL
PEDESTRIAN FLASHING LIGHT (TO SAFEWAY SPECIFICATION)
ALL WALL MOUNTED FITTINGS FROM PHILIPS OR EQUAL APPROVED
ILLUMINANCE LEVELS:
EXTERNAL LIGHTING TO SERVICE YARD, CAR PARKING & SERVICE RO
ACHEIVE AVERAGE OF 30 LUX
WITH NOT LESS THAN 30% UNIFORMITY, TO SAFEWAY STANDARDS
CP
CP
CP
SS
SS
PFL
PFL
PFL
PFL
LB
LB
CPS


CPS
CP
CP
CP
CP
CP
CP
CP
DETERMINED
PLAN

A	FOR BILLING	13/12/95
B	FOR CONSTRUCTION	11/12/95
C	CAR PARK LIGHTING AMENDED	11/12/95
	LIGHTING NOTES AMENDED	
D	EMERGENCY LIGHTING REMOVED	11/12/95

WME
WME
FL
FL
WME
WME
FL
FL
SS
SS
CPS
CP

DETERMINED PLAN

Lyons + Sleeman + Hoare
CHARTERED ARCHITECTS ◦ DESIGNERS ◦ PLANNERS

THE HOLLAND MARKETS
SPALDING
SAFEWAY PHASE 2

CENTROS PROPERTIES LTD.
PEVERIL SECURITIES LTD.

PHASE 2
EXTERNAL LIGHTING

1:200	9/1/95	KWS	MMA

92/147/24-21

REV		DATE	BY
A	FOR BUILDING		
B	FOR PLANNING		

LEGEND

CP		CAR PARKING 6m (ABACUS 2xAM4401/250SPT LANTERNS)–TWIN HEAD EXTERNAL
CPS		CAR PARKING 6m (ABACUS 2xAM4401/250SPT, LANTERNS WITH INTERNAL SHIELDS FOR OVERSPILL)–TWIN HEAD EXTERNAL
SS		CAR PARKING 4m (ABACUS 1xAM440/150SPT LANTERNS WITH INTERNAL SHIELDS FOR OVERSPILL)–SINGLE HEAD EXTERNAL
LB		LUMINATED BOLLARD (ABACUS AM101/P/70SE)
WME		WALL MOUNTED EXTERNAL 3m Philips Nightguard 70W Son
FL		FLOODLIGHTS WALL MOUNTED 6m Philips SNK 250 SonT TWIN HEAD
PFL		PEDESTRIAN FLASHING LIGHT (TO SAFEWAY SPECIFICATION)

MAIN POLE SIGN

DISTRIBUTION BOARD

ELECTRICAL DUCTING

SEWAGE PUMP AND ANTI-FLOOD VALVE SUPPLIES

INTERNAL CABLE ROUTE

TO MAIN POLE SIGN

NOTE THIS SECTION OF DUCTS BY OTHERS

DUCT ONLY BY B≠K

INTERFACE TO P.F.S PUMP

MAIN POLE SIGN

DETERMINED PLAN

REV		
A	25 AUG	DELETE EMERG'Y LIGHTS

PROJECT

SAFEWAY – SPALDING

TITLE

EXTERNAL LIGHTING

DRAWING N° 3331/3/A

DRAWN 5-8-05 CHECKED

NICEIC ECA

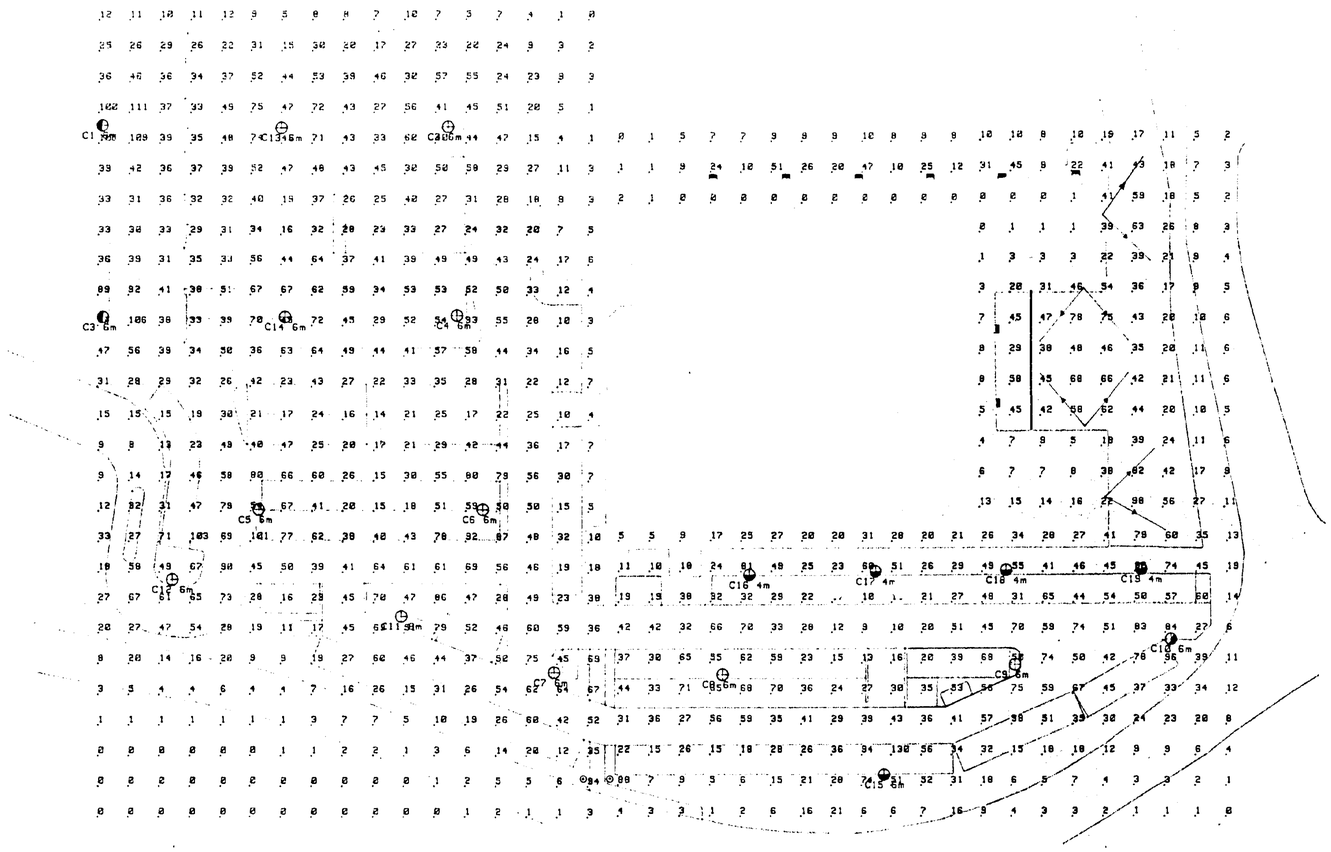
BERNARD HUNT LTD

ELECTRICAL CONTRACTING ENGINEERS

TEL 0832 880665

FAX 0832 780798

Abacus
Municipal Ltd.
3 May 1995



Lighting Equipment.

Car Parking Areas.
15x6m Columns Each Carrying :-
C1-C15 ..... 2xAM440i/250SPT Lanterns.

C1,C3,C10,C15 Supplied With Internal Shields For Control Of Overspill.

4x4m Columns Each Carrying :-
C16-C19 ..... 1xAM440i/150SPT Lantern.

Supplied With Internal Shields.

8 Passlight 70W SON Bulkheads
Mounting Height : 3m.

2xAM101/P/70SE Bollards.

Service Yard.
8 Wall Mounted Floodlights.
Floodlight Type : AM5002/150ST
Mounting Height : 6m.

Lamps (Osram Or Equivalent).
250W SONP-T (32500 L.D.Lm).
150W SONP-T (17250 L.D.Lm).
70W SON-E (5500 L.D.Lm).

Illuminance Levels.

Car Parking Areas.
Average Illuminance (Eave) = 30 Lux.
Uniformity Ratio (Emin/Eave) = 0.30

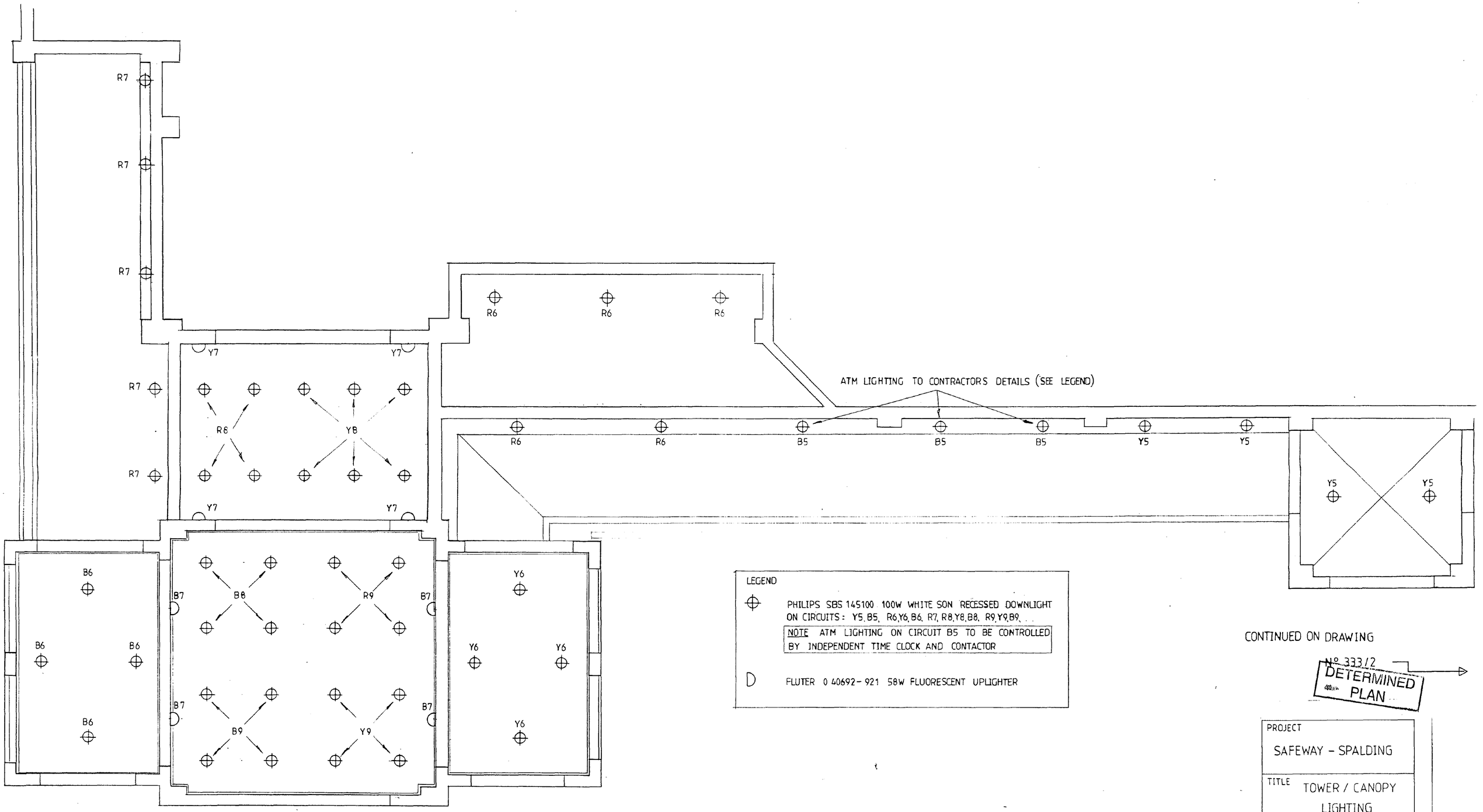
Service Yard.
Average Illuminance (Eave) = 36 Lux.
Uniformity Ratio (Emin/Eave) = 0.33

DETERMINED PLAN

Grid Values In Lux.
Grid Interval = 5m

Maintenance Factor = 0.90
Based Upon :-
Location : Medium Pollution.
Cleaning Interval : 12 Months.

Scale 1 : 500
Designed by : Stephen Spencer



LEGEND

⊕ PHILIPS SBS 145100 100W WHITE SON RECESSED DOWNLIGHT ON CIRCUITS: Y5, B5, R6, Y6, B6, R7, R8, Y8, B8, R9, Y9, B9.

NOTE ATM LIGHTING ON CIRCUIT B5 TO BE CONTROLLED BY INDEPENDENT TIME CLOCK AND CONTACTOR

D FLUTER 0 40692-921 58W FLUORESCENT UPLIGHTER

CONTINUED ON DRAWING N° 333/2

DETERMINED PLAN

SCALE 1 50

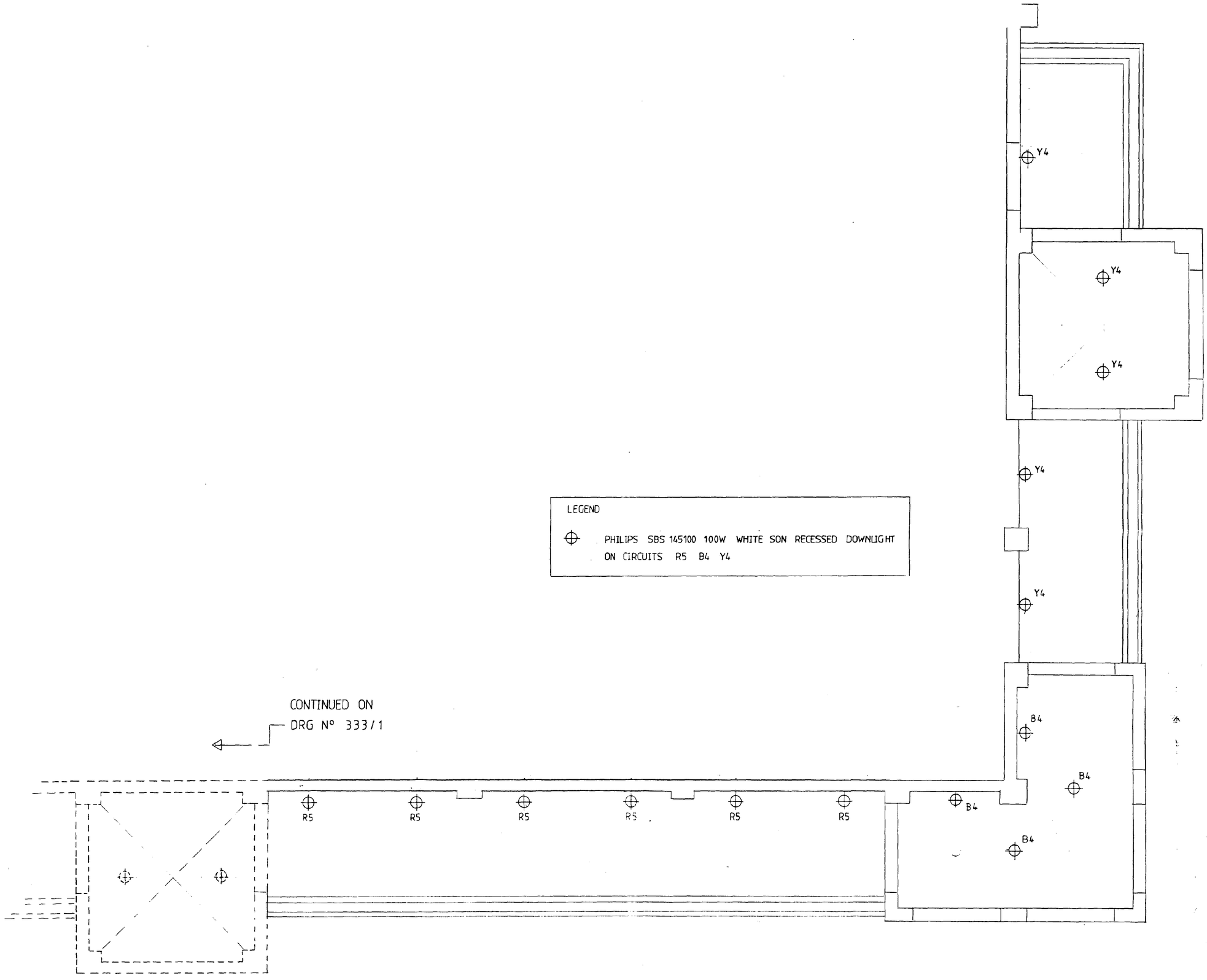
PROJECT
SAFEWAY - SPALDING

TITLE
TOWER / CANOPY LIGHTING

DRAWING N° 333/1

DRAWN TS 5/7/93 | CHECKED

NICEIC ECA
BERNARD HUNT LTD
ELECTRICAL CONTRACTING ENGINEERS
TEL 0332 880665
FAX 0332 780798



LEGEND

⊕ PHILIPS SBS 145100 100W WHITE SON RECESSED DOWNLIGHT ON CIRCUITS R5 B4 Y4

SCALE 1-50

DETERMINED PLAN

PROJECT
SAFEWAY – SPALDING

TITLE
TOWER / CANOPY LIGHTING

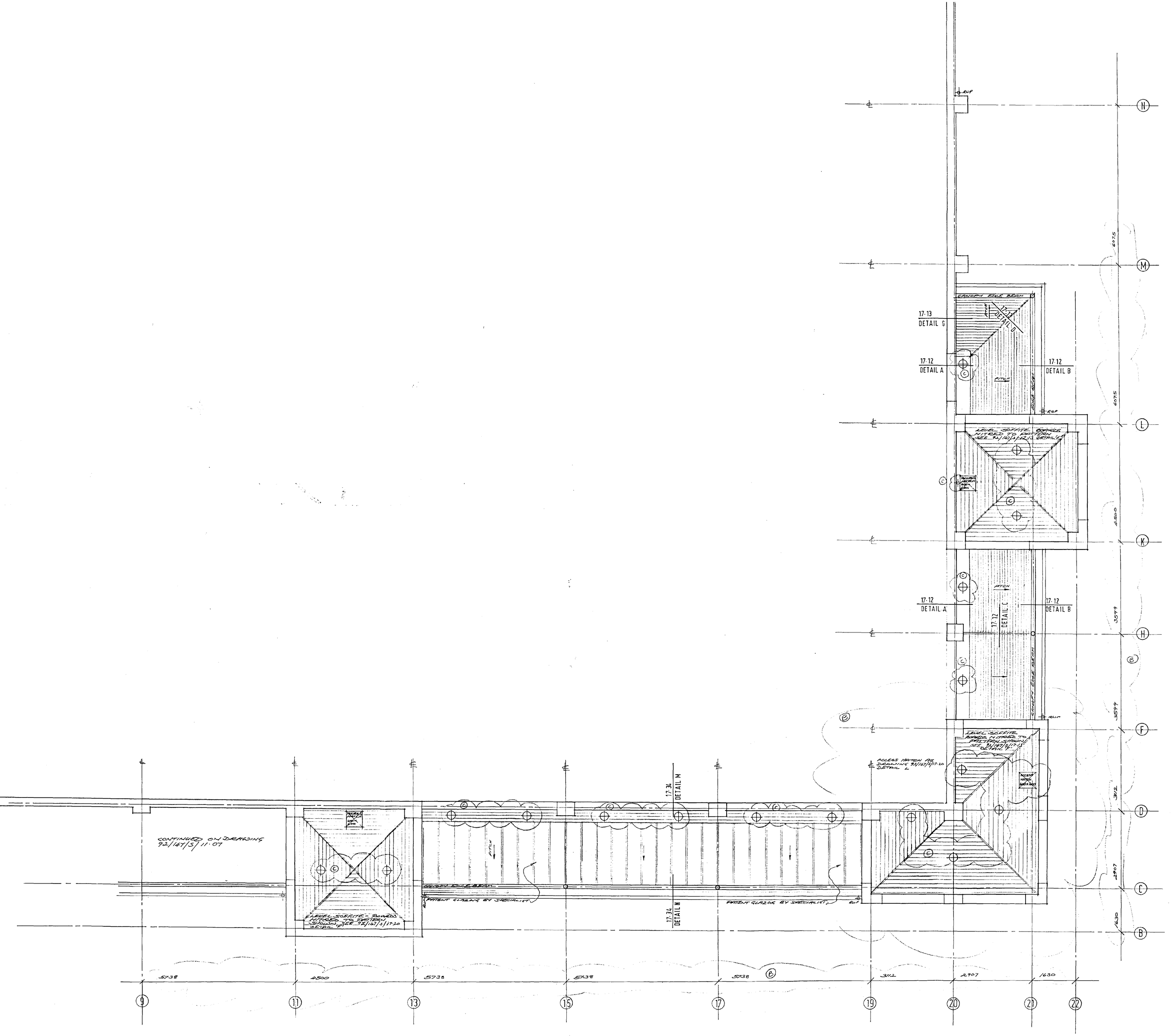
DRAWING Nº 333/2

DRAWN ~~JGS~~ GJS | CHECKED

NICEIC ECA
BERNARD HUNT LTD
ELECTRICAL CONTRACTING ENGINEERS
TEL 0332 880665
FAX 0332 780798

Notes
Do not scale the figured dimensions only. Check it to site survey and all necessary constructions. All dimensions to be checked by user and any discrepancies errors or omissions to be reported to the Architect before work commences. The drawing is to be read in conjunction with all other relevant materials.

Index	Revision	Date	Init
1	DETAIL REFERENCES ADDED	21/4/94	SAH
2	ACCESS HATCHES ADDED TO TOWERS PATENT GLAZING SHOWN BETWEEN RAKES 13-19	20/5/94	SAH
A	FOR PRICING	14/6/94	
3	DIMENSIONS ADDED BOUNDING LINETORK AMENDED TO CONFORM TO CAD	1/9/95	SAH
B	PRE TENDER	17/9/95	
C	Lighting positions revised Access hatch re-positioned FOR CONSTRUCTION	1/8/95	SAA



DETERMINED PLAN

Lyons+Sleeman+Hoare
CHARTERED ARCHITECTS · DESIGNERS · PLANNERS
Nella Brewery, Cricket Green, Hartley Wintney, Hampshire RG27 8QA
Telephone (01252) 844144 Facsimile (01252) 844800

Job
THE HOLLAND MARKETS
SPALDING
SAFEWAY PHASE 2
CLIENT: CENTROS PROPERTIES LTD. PEVERIL SECURITIES LTD.

Drawing
REFLECTED CEILING PLAN
SHEET 2

EXTERNAL TOWERS AND CANOPIES

Scale	Date	Planner	Approved
1:50	14/12/94	K W S	S A H

Job Number/Suffix	Rev.
92/1417/S/11-08	C

LEGEND

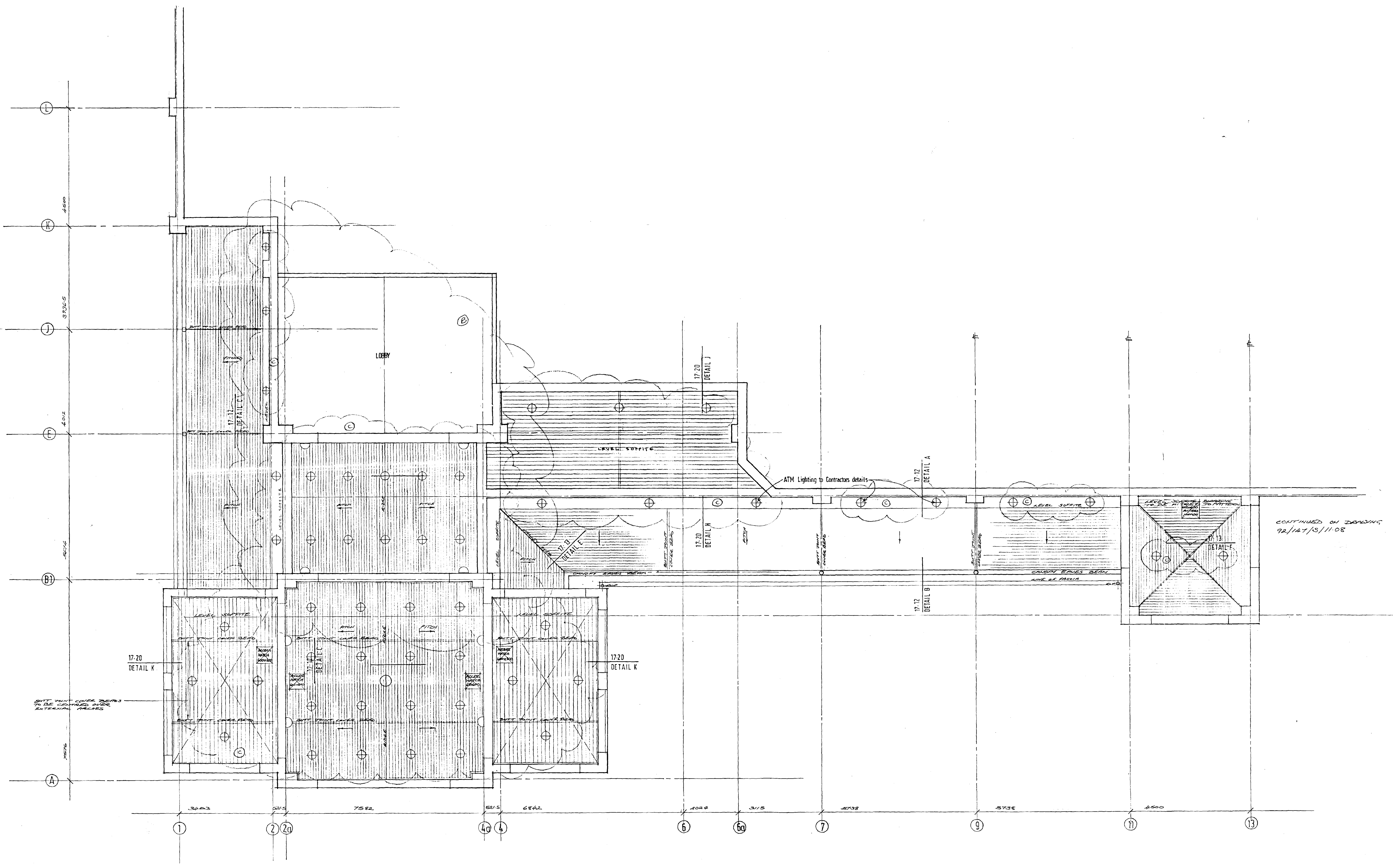
⊕	100W SON DOWNLIGHTER
D	FLUORESCENT UPLIGHTER

Do not Scale. Use figured dimensions only. Subject to site survey and all necessary consents. All dimensions to be checked by user and any discrepancies, errors or omissions to be reported to the Architect before work commences. This drawing is to be read in conjunction with all other relevant material.

Index	Revision	Date	Init
1	DETAIL REFERENCES ADDED	29/12/94	SAH
A	FOR BILLING	15/2/95	
2	ENTRANCE AREA AMENDED DIMENSIONS ADDED	1/3/95	SAH
B	PRE TENDER	17/3/95	
C	Lighting positions revised Access hatches above trolley bays re-positioned Lobby position added FOR CONSTRUCTION	1/8/95	SAA
D	LOBBY CEILING CONFIRMED	18/9/95	MA

LEGEND

⊕	100W SON DOWNLIGHTER
D	FLUORESCENT UPLIGHTER



Lyons+Sleeman+Hoare
CHARTERED ARCHITECTS · DESIGNERS · PLANNERS
Nero Brewery, Cricket Green, Hartley Wintney, Hampshire RG27 8QA
Telephone (01252) 844144 Facsimile (01252) 844800

Job
THE HOLLAND MARKETS
SPALDING
SAFEWAY PHASE 2
CLIENT: CENTROS PROPERTIES LTD.
PEVERIL SECURITIES LTD.

Drawing
REFLECTED CEILING PLAN
SHEET 1
EXTERNAL TOWERS AND CANOPIES

Scale	Date	Partner	Author
1:50	14/12/94	KWS	SAH

Job No/Drg No	Rev
92/147/S/11·07	D

DETERMINED PLAN