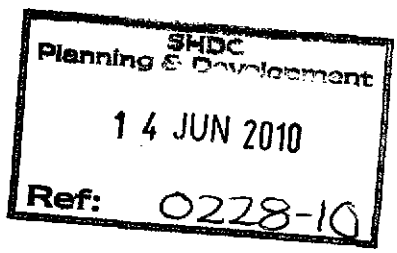
Porter, Karen

From: Fidler, Richard
Sent: 14 June 2010 09:06
To: Porter, Karen
Subject: FW: H14-140228-10 DISCHARGE OF CONDITIONS
Attachments: NTC062-310 P1 Private Pavement Construction.pdf; 30530-01A.pdf

Karen

Additional drawings.



Richard Fidler
Development Control Team Leader
South Holland District Council

From: Alison Lea [mailto:Alison.Lea@larkfleethomes.co.uk]
Sent: 11 June 2010 16:15
To: Fidler, Richard
Subject: H14-140228-10 DISCHARGE OF CONDITIONS

Dear Mr Fidler

H14-140228-10 DISCHARGE OF CONDITIONS AT PENNYTOFT LANE, PINCHBECK

Further to my earlier emails I now attach

- Drawing no NTC/062/310P1, showing hard surface construction to assist in discharging condition 3
- Drawing no 30530-01A, showing the lighting to assist in discharging condition 13
- I can also confirm points a), b) & c) on your email regarding condition 4

I trust this is satisfactory and you will now be able to discharge the relevant conditions
Further info will be sent to you next week to progress this matter further

Regards
Alison Lea
Technical Administrator
01778 391564
alison.lea@larkfleethomes.co.uk

The Croft

33

New 1.8m Close board fence to north-east boundary.

OPEN SPACE

New 1.8m Close board fence to south-east boundary.

PENNYTOFT LANE

2.4m x 60m vis splay

2.4m x 60m vis splay

GRID 01 - CAR PARK 1
RESULTS

REQUIRED LEVELS	CALCULATED LEVELS
BS5489-1:2003, CATEGORY SMALL CAR PARK	
ILLUMINANCE	ILLUMINANCE
Emin = N/A	Emin = 1.8 LUX
Emax = N/A	Emax = 13.8 LUX
Eav = 5.0 LUX	Eav = 8.4 LUX
UNIFORMITY	UNIFORMITY
UG (Emin/Emax) = N/A	UG (Emin/Emax) = 11.9%
UO (Emin/Eav) = 25.0%	UO (Emin/Eav) = 25.2%

GRID 03 - CAR PARK 3
RESULTS

REQUIRED LEVELS	CALCULATED LEVELS
BS5489-1:2003, CATEGORY SMALL CAR PARK	
ILLUMINANCE	ILLUMINANCE
Emin = N/A	Emin = 1.8 LUX
Emax = N/A	Emax = 16.3 LUX
Eav = 5.0 LUX	Eav = 8.7 LUX
UNIFORMITY	UNIFORMITY
UG (Emin/Emax) = N/A	UG (Emin/Emax) = 10.9%
UO (Emin/Eav) = 25.0%	UO (Emin/Eav) = 25.2%

GRID A - ACCESS ROAD
RESULTS

REQUIRED LEVELS	CALCULATED LEVELS
BS5489-1:2003, CATEGORY S4	
ILLUMINANCE	ILLUMINANCE
Emin = 1.0 LUX	Emin = 1.2 LUX
Emax = N/A	Emax = 15.8 LUX
Eav = 5.0 LUX	Eav = 8.7 LUX
UNIFORMITY	UNIFORMITY
UG (Emin/Emax) = N/A	UG (Emin/Emax) = 7.1%
UO (Emin/Eav) = N/A	UO (Emin/Eav) = 21.0%

GRID 02 - CAR PARK 2
RESULTS

REQUIRED LEVELS	CALCULATED LEVELS
BS5489-1:2003, CATEGORY SMALL CAR PARK	
ILLUMINANCE	ILLUMINANCE
Emin = N/A	Emin = 1.2 LUX
Emax = N/A	Emax = 14.3 LUX
Eav = 5.0 LUX	Eav = 8.1 LUX
UNIFORMITY	UNIFORMITY
UG (Emin/Emax) = N/A	UG (Emin/Emax) = 8.2%
UO (Emin/Eav) = 25.0%	UO (Emin/Eav) = 25.2%

SHDC
Planning & Development
14 JUN 2010
Ref: 0228-10

LANTERN SPECIFICATION

LANTERN DETAILS

LANTERN TYPE	: URBIS SAPPHIRE 1 SEALSAFE LANTERN
URBIS REFERENCE	: SAPH1SB/4S/CP/ST/1770/CT/SWG-1 PF/ RT0336/ALO/LP/60K-HV/WZ-VT/VS22305

COMPLETE WITH:
- 42 WATT 2PG7R LAMP
- 1 PART PECU PHOTOCELL
- HARVARD CONTROL GEAR
- COLOUR RAL7035
- OPTICAL UNIT SEALED TO IP66, COMPRISING:
  - TYPE 1770 REFLECTOR
  - CLEAR TEMPERED GLASS PROTECTOR
- MATRIX NUMBER: 30290

MOUNTING DETAILS

HEIGHT	: 6.0 METRES
BRACKET LENGTH	: POST TOP
INCLINATION	: 0°
COLUMN POSITION	: AS SHOWN

LAMP DETAILS

LAMP OUTPUT	: 4,300 LUMENS
MAINTENANCE FACTOR	: 0.73
OPTIC TIGHTNESS RATING	: IP66 SEALSAFE
POLLUTION CATEGORY	: MEDIUM
CLEANING CYCLE	: 24 MONTHS
RELAMPING PERIOD	: 3 YEARS (5,000 HOURS)

NUMBER OF UNITS : 9

SCHEME NUMBER : 30530_1

LANTERN SPECIFICATION

LANTERN DETAILS

LANTERN TYPE	: URBIS SAPPHIRE 1 SEALSAFE LANTERN
URBIS REFERENCE	: SAPH1PB/4S/PLT-4P1/830/LP/STBA/ RT0336/ALO/LP/60K-HV/WZ-VT/3030B6

COMPLETE WITH:
- 42 WATT PL-T LAMP
- 1 PART PECU PHOTOCELL
- HARVARD CONTROL GEAR
- COLOUR RAL7035
- OPTICAL UNIT SEALED TO IP66, COMPRISING:
  - TYPE 1336 REFLECTOR
  - LOW PROFILE GLASS PROTECTOR
- MATRIX NUMBER: 30290

MOUNTING DETAILS

HEIGHT	: 6.0 METRES
BRACKET LENGTH	: POST TOP
INCLINATION	: 0°
COLUMN POSITION	: AS SHOWN

LAMP DETAILS

LAMP OUTPUT	: 4,200 LUMENS
MAINTENANCE FACTOR	: 0.78
OPTIC TIGHTNESS RATING	: IP66 SEALSAFE
POLLUTION CATEGORY	: MEDIUM
CLEANING CYCLE	: 24 MONTHS
RELAMPING PERIOD	: 3 YEARS (5,000 HOURS)

NUMBER OF UNITS : 8

SCHEME NUMBER : 30530_1

ISOLUX COLOUR KEY

5.0 LUX
1.25 LUX
1.0 LUX

NOTES

THIS DESIGN HAS BEEN PREPARED IN ACCORDANCE WITH THE HSMSA GUIDANCE NOTE - CDM2007 REGULATIONS, ISSUE 1, DATED 12/05/08 PROCEDURE 2.

THE INFORMATION ON THIS DRAWING DOES NOT ACCOUNT FOR INSTALLATION CONSIDERATIONS, SITE CONDITIONS, OR PROVIDE ANY FORM OF RISK ASSESSMENT. URBIS' DESIGN SERVICE IS ADVISORY ONLY AND IT IS THE RESPONSIBILITY OF THE RECIPIENT OF THIS INFORMATION TO VERIFY THAT THE DESIGN IS SUITABLE FOR THE INTENDED APPLICATION.

NO ACCOUNT IS TAKEN FOR THE BLOCKING EFFECT CAUSED BY BUILDINGS, TREES ETC.

THE CALCULATION SHOWN BY THIS DRAWING ASSUMES THAT THE WHOLE AREA BEING CONSIDERED IS IN THE SAME PLANE, I.E. THERE ARE NO CHANGES IN GRADIENT OR ELEVATION.

PLEASE USE OUR SCHEME NUMBER IN ANY CORRESPONDENCE. THIS IS ESPECIALLY HELPFUL TO US WITH REGARD TO SPECIFICATIONS, PRICING ENQUIRIES OR PLACING OF ORDERS.

REV	DESCRIPTION	INITS	CHKD	DATE
A	ORIGINAL ISSUE	LPU	NLP	13/04/10

URBIS
MEMBER OF SCHRÉDER GROUP S.E.

URBIS LIGHTING LIMITED
TELFORD ROAD, HOUNDMILLS,
BASINGSTOKE, HAMPSHIRE, RG21 6YW.

TELEPHONE : +44 (0)1256 354 446
FAX : +44 (0)1256 841 314
E-MAIL : sales@urbislighting.com
WEB SITE : http://www.urbislighting.com

CLIENT/CUSTOMER
LARKFLEET HOMES

PROJECT
PENNYTOFT LANE,
PINCHBECK, SPALDING

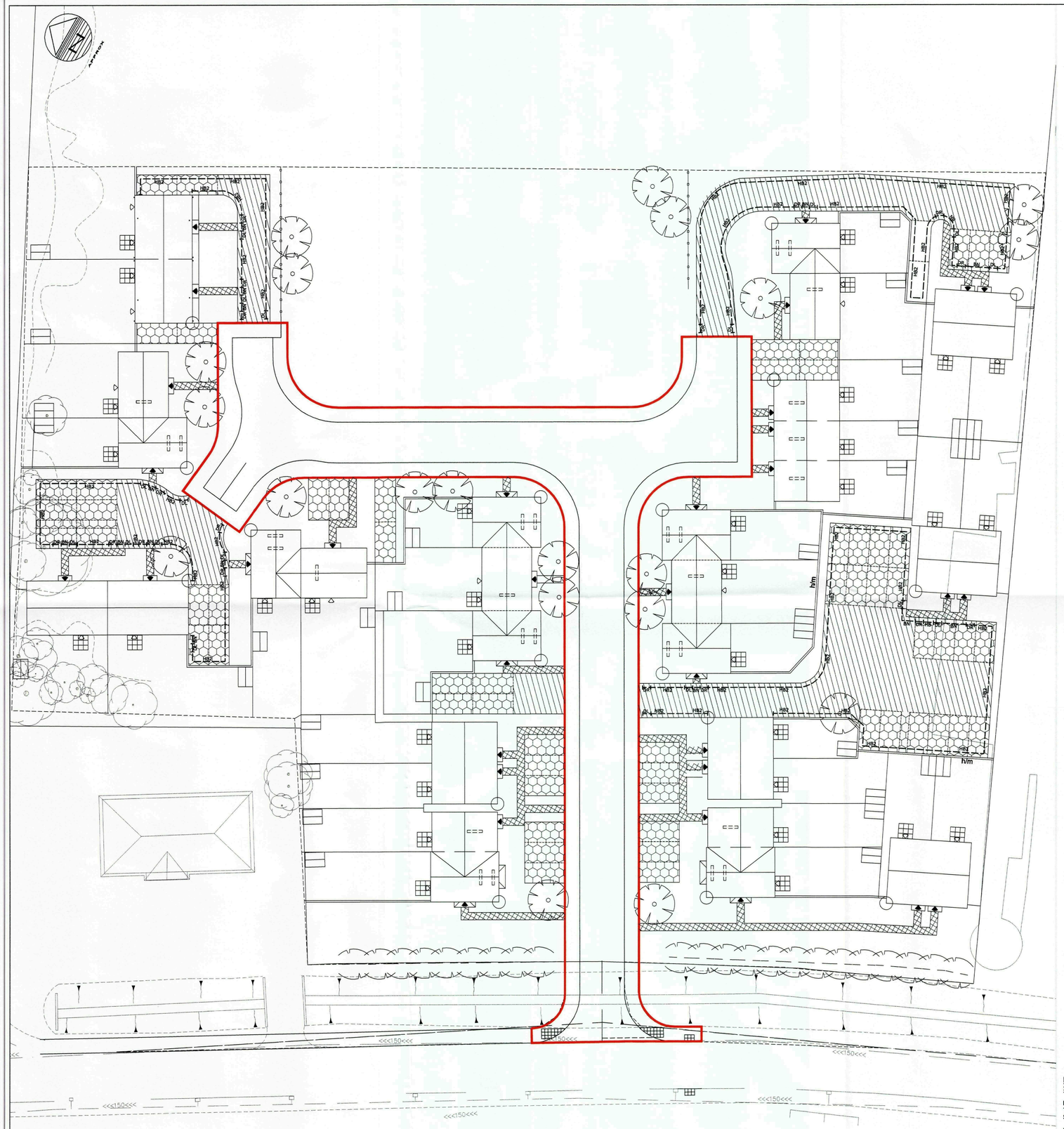
TITLE
LIGHTING DESIGN

DRAWN	SCALE	DATE
LPU	1:250@A1	13/04/10

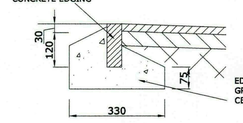
DRAWING NUMBER	ISSUE
30530_1	A

DO NOT SCALE FROM THIS DRAWING

CAD FILE: E:\My Documents\Work\schemes



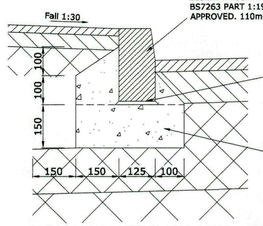
50 x 150mm PC CONCRETE EDGING



EDGING FOUNDATION CONCRETE TO BE GRADE ST3 USING SULPHATE RESISTING CEMENT TO BS5328.

TYPE EF FOOTWAY EDGING DETAIL
SCALE 1:10

125mm x 255mm HALF BATTERED PC CONCRETE KERB TO BS7263 PART 1:1994. MARSHALLS TYPE HB2 OR SIMILAR APPROVED. 110mm KERB FACE.

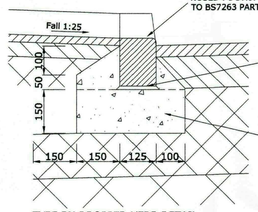


12mm MAX. CLASS (III) MORTAR BED.

KERB FOUNDATION CONCRETE TO BE GRADE ST3 USING SULPHATE RESISTING CEMENT TO BS5328.

TYPE HB2 HALF BATTERED KERB DETAIL
SCALE 1:10

125mm x 150mm BULL NOSED PC DROPPED KERB TO BS7263 PART 1:1994.

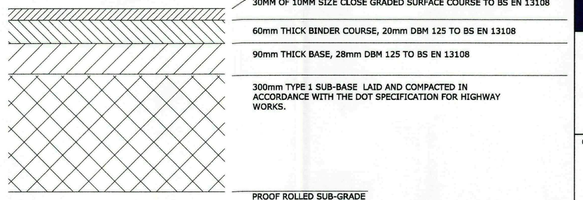


12mm MAX. CLASS (III) MORTAR BED.

KERB FOUNDATION CONCRETE TO BE GRADE ST3 USING SULPHATE RESISTING CEMENT TO BS5328.

NOTE:
25MM KERB FACE IS TO BE PROVIDED ALONG VEHICULAR ACCESS. KERB IS TO BE LAID FLUSH WITH CARRIAGEWAY AT PEDESTRIAN CROSSING POINTS.

TYPE BN DROPPED KERB DETAIL
SCALE 1:10



30MM OF 10MM SIZE CLOSE GRADED SURFACE COURSE TO BS EN 13108

60mm THICK BINDER COURSE, 20mm DBM 125 TO BS EN 13108

90mm THICK BASE, 28mm DBM 125 TO BS EN 13108

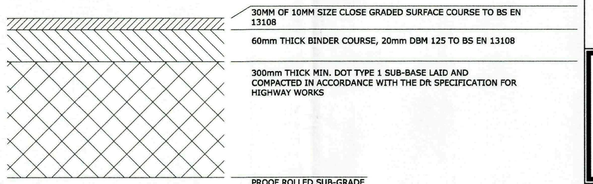
300mm TYPE 1 SUB-BASE LAID AND COMPACTED IN ACCORDANCE WITH THE DOT SPECIFICATION FOR HIGHWAY WORKS.

PROOF ROLLED SUB-GRADE

PARKING AISLE CONSTRUCTION DETAIL
SCALE 1:10

NOTE:
THIS DETAIL TO BE READ IN ACCORDANCE WITH THE DEPARTMENT OF TRANSPORT'S SPECIFICATION FOR HIGHWAY WORKS.

THE ABOVE CONSTRUCTION THICKNESSES ARE ALL SUBJECT TO ONSITE CBR TESTS PRIOR TO CONSTRUCTION. DEPTHS SHOWN BASED ON A CBR VALUE OF 3%.



30MM OF 10MM SIZE CLOSE GRADED SURFACE COURSE TO BS EN 13108

60mm THICK BINDER COURSE, 20mm DBM 125 TO BS EN 13108

300mm THICK MIN. DOT TYPE 1 SUB-BASE LAID AND COMPACTED IN ACCORDANCE WITH THE DfT SPECIFICATION FOR HIGHWAY WORKS

PROOF ROLLED SUB-GRADE

PARKING BAY CONSTRUCTION DETAIL
SCALE 1:10

NOTE:
THIS DETAIL TO BE READ IN ACCORDANCE WITH THE DEPARTMENT OF TRANSPORT'S SPECIFICATION FOR HIGHWAY WORKS.

THE ABOVE CONSTRUCTION THICKNESSES ARE ALL SUBJECT TO ONSITE CBR TESTS PRIOR TO CONSTRUCTION. DEPTHS SHOWN BASED ON A CBR VALUE OF 3%.

SUB-BASE THICKNESS TO BE INCREASED TO PROVIDE AN OVERALL PAVEMENT CONSTRUCTION THICKNESS OF AT LEAST 450MM SHOULD THE EXISTING SUB-GRADE MATERIAL BE FOUND TO BE FROST SUSCEPTIBLE.

NOTES

1. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS MUST BE CHECKED/ VERIFIED ON SITE. IF IN DOUBT ASK.

2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.

3. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE. ALL LEVELS IN METRES UNLESS NOTED OTHERWISE.

4. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.

5. RECOMMENDED SUB-BASE AND CAPPING LAYER THICKNESSES AS DERIVED FROM FIGURE 3.1 IN HD 25/94:

Capping Layer and Sub-base Thicknesses min.	
Sub-Grade (CBR)	Capping + Sub-base (mm)
< 2%	600 + 150
2 - 4%	350 + 150
5 - 14%	0 + 225
15 - 30%	0 + 150

Note: Min. Road Construction Thickness 450mm

KEY

PARKING AISLE CONSTRUCTION

FULL DEPTH FOOTWAY CONSTRUCTION

PARKING BAY CONSTRUCTION

HB2 — MARSHALLS 125x255mm HALF BATTERED KERB WITH 110mm UPSTAND OR EQUIVALENT APPROVED

DL/R — MARSHALLS 125X255mm LEFT/RIGHT DROP KERB OR EQUIVALENT APPROVED

BN — MARSHALLS 125x178mm BULLNOSED CENTRE KERB OR EQUIVALENT APPROVED WITH 0-6mm UPSTAND AT PEDESTRIAN CROSSINGS

NOTE
KERBLINES NOT HIGHLIGHTED ON THIS PLAN TO BE MARSHALLS 50x150mm FLAT TOP EDGING KERB OR EQUIVALENT APPROVED

Rev	Date	Description	Drawn	Auth'
P1	07.05.10	PRELIMINARY ISSUE	JS	KJ

AMENDMENTS

BWB CONSULTING

Integrated Engineering and Environmental Consultants

3-4 Kayes Walk The Lace Market Nottingham NG1 1PY
T 0115 924 1100 F 0115 950 3966 W bwbconsulting.com

environmental | water | transportation | civil | structural | highways | infrastructure

Client

LARKFLEET HOMES

SHDC Planning & Development
14 JUN 2010
Ref: 0228/10

Project Title

PENNYTOFT LANE, PINCHBECK

Drawing Title

PRIVATE PAVEMENT CONSTRUCTION

Scale	Date	Drawn	Authorised
1:250	05.2010	JS	KJ

Drawing Status

PRELIMINARY

Drawing No:	Revision
NTC/062/310	P1

A1 © Copyright BWB Consulting Ltd