



NOTES

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KEY

- PRIVATE SURFACE WATER SEWER
- SECTION 104 ADOPTABLE SURFACE WATER SEWER
- PRIVATE FOUL WATER SEWER
- SECTION 104 ADOPTABLE FOUL WATER SEWER
- SECTION 38 WORKS HIGHWAY DRAINAGE
- ▬ PROPOSED CHANNEL DRAIN RUN
- PROPOSED ROAD GULLY POSITION

PRIVATE DRAINAGE CHAMBERS

PLAN	DEPTH TO SOFFIT (m)	MAX. INLETS	MAX. PIPE DIA.	INTERNAL COVER GRADE	MANHOLE TYPE
→	0.45 - 0.8	3 No.	100mm	225mm	B125 Foul Mini Pot
→	0.65 - 0.90	-	150mm	-	B125 Rodding Eye
→	0.60 - 1.20	5 No.	100mm	450mm	PPIC Chamber
→	0.60 - 2.00	3 No.	100mm	450mm	Reduced Access Telescopic PPIC
→	1.20 - 1.50	Chamber arrangement varies, refer to manhole details for chamber information	-	-	Type 1 Chamber
→	1.50 - 3.00	-	-	-	Type 2 Chamber
→	3.00 - 6.00	-	-	-	Type 3 Chamber

Rev	Date	Description	Drawn	Auth'd
P5	12.05.10	SOUTHERN DRAINAGE AMENDED TO SUIT A/C COMMENTS	JS	DE
P4	29.04.10	SOUTHERN DRAINAGE AMENDED TO SUIT A/C COMMENTS	JS	DE
P3	23.04.10	WHOLE SITE LAYOUT REVISED	JS	DE
P2	06.06.09	WHOLE SITE AMENDED	JS	DE
P1	03.07.09	PRELIMINARY ISSUE	JS	DE

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

Project Title

TOWN DAM LANE, DONINGTON

Drawing Title

COMPOSITE DRAINAGE LAYOUT

Scale	Date	Drawn	Authorised
1:250	07.2009	JS	DE

Drawing Status

PRELIMINARY

Drawing No.	Revision
NTC/064/110	P5



LANTERN SPECIFICATION

LANTERN DETAILS

LANTERN TYPE

LANTERN REFERENCE

URBIS SAPHIRE 1 SEALSAFE LANTERN

SAPH1B-45-CFO-TW/1770/CCT/252024



COMPLETE WITH:

- 4 WATT CPO T8 LAMP
- INTEGRAL CONTROL GEAR
- OPTICAL INK SEALED TO IP66, COMPRISING:
 - TYPE 1770 REFLECTOR
 - GLASS TREATED GLASS PROTECTOR
- MATRIX NUMBER 202504

<u>MOUNTING DETAILS</u>	
HEIGHT	6 METRES
BRACKET LENGTH	POST TOP
INCLINATION	5°
COLUMN POSITION	AS SHOWN
<u>LAMP DETAILS</u>	
LAMP OUTPUT	4,300 LUMENS
MAINTENANCE FACTOR	0.73
OPTIC: TOSHIBA/HEATING	10 MEGALUXE
POLLUTION CATEGORY	MEDIUM
CLEANING CYCLE	12 MONTHS
RELAIMING PERIOD	1 YEARS (12,000 HOURS)

NUMBER OF UNITS : 4

LANTERN SPECIFICATION	
<u>LANTERN DETAILS</u>	
LANTERN TYPE	: URBIS SAPPHIRE 1 SEALS SAFE LANTERN
URBIS REFERENCE	: SAPH1FB-32/PL-T/1632LPQ211841
COMPLETE WITH:	
33 WATT T-1 PLAMP	
1 INTEGRAL CONTROL GEAR	
33 OPTICAL SEAL SEALED TO 1996, COMPRISING:	
- TYPE 1632 REFLECTOR	
- LOW PROFILE GLASS PROTECTOR	
- MATING NUMBER 110141	

<u>MOUNTING DETAILS</u>	
HEIGHT	: 5 METRES
BRACKET LENGTH	: POST TOP
INCLINATION	: 5°
COLUMN POSITION	: AS SHOWN
<u>LAMP DETAILS</u>	
LAMP OUTPUT	: 2,400 LUMENS
MAINTENANCE FACTOR	: 0.71
ENERGY EFFICIENCY RATING	: 100 LUMENS/WATT
POLLUTION CATEGORY	: MEDIUM
CLEANING CYCLE	: 1 YEAR
RE-LAMPING PERIOD	: 5 YEARS (12,000 HOURS)

NUMBER OF UNITS : 5

ISOLUX COLOUR KEY

5.0 LUX

3.0 LUX

1.0 LUX

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16 Wulfric Square, Bretton, Peterborough. PE3 8RF
Sales Telephone 01733 266640 Fax. 01733 267367
Web. www.sep-ltd.co.uk

Project Title

TOWN DAM LANE DONNINGTON

LARKFLEET HOMES

Source: <http://www.fishbase.org>.

1:200 @ A1

Date _____

24/09/09

Drawing Number
D11152

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For accuracy from information provided by yourselves, the final responsibility for the suitability of the design lies with the client. The company cannot, therefore, accept any liability or consequential loss incurred.



Notes

- Residium FGS224 36w PL-L with Polycarbonate Bowl, and Electronic Gear on 6m column Post Top Mounted
Lamp Pos N/A
Ref FGS224PL-L36w/830 K HFP (Add P3 for Minicell)
- Mini Modena SGP680 45w CPO-T with OC Optic, Flat Glass and Electronic Gear on 5m column Side Entry Mounted, 5 Deg Tilt
Lamp Pos As Shown (IT 1)
Ref SGP680 FG OC EB CPO-TW45 I K P3

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16 Vulfric Square, Bretton, Peterborough, PE3 8RF
Sales Telephone 01733 856640 Fax: 01733 267367
Web: www.sep-tdc.co.uk

Project Title

TOWN DAM LANE, DONNINGTON

Client

LARKFLEET HOMES

Scale

1:200 @ A1

Date

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DONINGTON

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ONSITE WORKS
ENGINEERING LAYOUT

Scale	Date	Drawn	Authorised
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Drawing Status

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Drawing No.	Revision
NTC/064/350	P1

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