

KEY TO LIGHTING SYMBOLS

PROPOSED NEW 6m STEEL LIGHTING COLUMN WITH POST TOP MOUNTED LED LUMINAIRE AT 0° UPLIFT. ONLY UNITS 21, 22, 23 TO BE SET AT 5°. COMPRISING: COLUMN: MALLATT/ICU PHOSCO TUBULAR POST-TOP RAL GALVANISED STEEL WITH 200UM GLASS FLAKE ROOT TO 250MM ABOVE GROUND LEVEL. TO KCC SPECIFICATION

LUMINAIRE: CU PHOSCO P852 WITH 12 NEUTRAL WHITE LEDS, R2B OPTIC, 7 PIN NEMA SOCKET AND 500mA DRIVER. TO BE FITTED WITH TELEMATICS NODE POST TOP MOUNTED ON 76mm SPIGOT

Ref: P852-12-R2B-NW-CB0500-20W-NEMA-Colour Finish Black

CONTROL: TELEMATICS CONTROL NODE

SECONDARY ISOLATION: DOUBLE POLE SWITCH ISOLATOR (6A BS88 FUSE) - CHARLES ENDIRECT TYPE L2 TO KCC SPECIFICATIONS

COLUMN WIRING: WIRING WITHIN COLUMN BASE INCLUDING 10mm² EARTH BONDING AND 3 CORE 1.5mm² PVC INSULATED RATED 600/1000V

COLUMN SERVICE: NEW DNO SERVICE REQUIRED

PROPOSED NEW 6m STEEL LIGHTING RAISING AND LOWERING COLUMN WITH POST TOP MOUNTED LED LUMINAIRE AT 0° UPLIFT. COMPRISING: COLUMN: MALLATT/ICU PHOSCO TUBULAR POST-TOP RAL GALVANISED STEEL WITH 200UM GLASS FLAKE ROOT TO 250MM ABOVE GROUND LEVEL. TO KCC SPECIFICATION

LUMINAIRE: CU PHOSCO P852 WITH 12 NEUTRAL WHITE LEDS, R2B OPTIC, 7 PIN NEMA SOCKET AND 500mA DRIVER. TO BE FITTED WITH TELEMATICS NODE POST TOP MOUNTED ON 76mm SPIGOT

Ref: P852-12-R2B-NW-CB0500-20W-NEMA-Colour Finish Black

CONTROL: TELEMATICS CONTROL NODE

SECONDARY ISOLATION: DOUBLE POLE SWITCH ISOLATOR (6A BS88 FUSE) - CHARLES ENDIRECT TYPE L2 TO KCC SPECIFICATIONS

COLUMN WIRING: WIRING WITHIN COLUMN BASE INCLUDING 10mm² EARTH BONDING AND 3 CORE 1.5mm² PVC INSULATED RATED 600/1000V

COLUMN SERVICE: NEW DNO SERVICE REQUIRED

PROPOSED NEW POST TOP MOUNTED LED LUMINAIRE AT 5° UPLIFT ON EXISTING STEEL LIGHTING COLUMN. COMPRISING: COLUMN: EXISTING TO REMAIN

LUMINAIRE: CU PHOSCO P852 WITH 12 NEUTRAL WHITE LEDS, R2B OPTIC, 7 PIN NEMA SOCKET AND 500mA DRIVER. TO BE FITTED WITH TELEMATICS NODE POST TOP MOUNTED ON 76mm SPIGOT

Ref: P852-12-R2B-NW-CB0500-20W-NEMA-Colour Finish Black

CONTROL: TELEMATICS CONTROL NODE

SECONDARY ISOLATION: DOUBLE POLE SWITCH ISOLATOR (6A BS88 FUSE) - CHARLES ENDIRECT TYPE L2 TO KCC SPECIFICATIONS

COLUMN WIRING: WIRING WITHIN COLUMN BASE INCLUDING 10mm² EARTH BONDING AND 3 CORE 1.5mm² PVC INSULATED RATED 600/1000V

COLUMN SERVICE: EXISTING TO REMAIN

EXISTING COLUMN TO BE DISCONNECTED BY DNO AND REMOVED SAFELY

EXISTING COLUMN TO REMAIN

KEY TO LIGHTING SYMBOLS

PROPOSED NEW 6m STEEL LIGHTING COLUMN WITH POST TOP MOUNTED LED LUMINAIRE AT 0° UPLIFT. COMPRISING: COLUMN: MALLATT/ICU PHOSCO TUBULAR POST-TOP GALVANISED STEEL WITH 200UM GLASS FLAKE ROOT TO 250MM ABOVE GROUND LEVEL. TO KCC SPECIFICATION

LUMINAIRE: CU PHOSCO P852K WITH 12 NEUTRAL WHITE LEDS, R2B OPTIC, NEMA SOCKET. TO BE FITTED WITH ONE PART WESTIRE PHOTOCCELL AS ACRO 35x

Ref: P852K-12-R2B-NW-CB0200-9W-NEMA-Colour Finish Black

CONTROL: WESTIRE PHOTOCCELL AS ACRO 35x

SECONDARY ISOLATION: DOUBLE POLE SWITCH ISOLATOR (6A BS88 FUSE) - CHARLES ENDIRECT TYPE L2 TO KCC SPECIFICATIONS

COLUMN WIRING: WIRING WITHIN COLUMN BASE INCLUDING 10mm² EARTH BONDING AND 3 CORE 1.5mm² PVC INSULATED RATED 600/1000V

COLUMN SERVICE: NEW DNO SERVICE REQUIRED

PROPOSED NEW 1.1m DIE CAST ALUMINIUM LIGHTING BOLLARD ROOT MOUNTED LED LUMINAIRE. COMPRISING: LUMINAIRE: TRT VIA 0.18km 2700K WARM WHITE LEDS FITTED WITH MINIATURE PHOTOCCELL AND BACKSHIELD

Ref: VIA ASY 144mA CLO 2700K 180 DEG BS

CONTROL: INTEGRAL MINIATURE PHOTOCCELL

SECONDARY ISOLATION: LOCKABLE 32A DOUBLE POLE SWITCH ISOLATOR (6A BS88 FUSE) - TOFCO

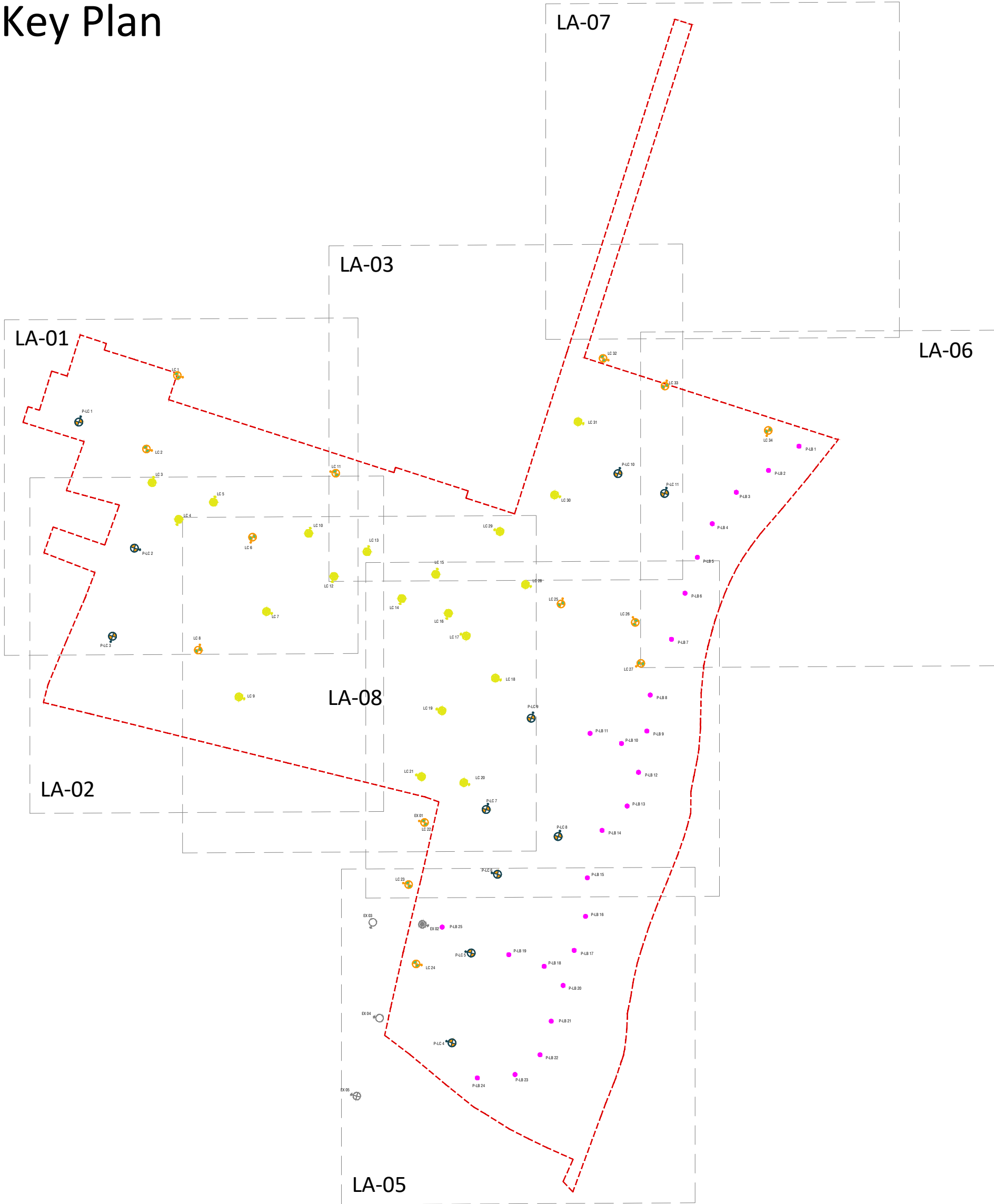
COLUMN WIRING: WIRING WITHIN COLUMN BASE INCLUDING 10mm² EARTH BONDING AND 3 CORE 1.5mm² PVC INSULATED RATED 600/1000V

COLUMN SERVICE: NEW DNO SERVICE REQUIRED

REFERENCE	DESCRIPTION	HEIGHT(m)	MOUNTING	FLUX	LUMINAIRE	TILT (Degrees)	ELECTRICAL SUPPLY	TERMINATION TYPE	NOTES
PLC 01	New 5m steel lighting column	5	Post Top	1.09klm	P852K-12-R2B-NW-CB0200-9W-NEMA-RAL7040	0	New IDNO service	L2	
PLC 02	New 5m steel lighting column	5	Post Top	1.09klm	P852K-12-R2B-NW-CB0200-9W-NEMA-RAL7041	0	New IDNO service	L2	Plinth required at column base
PLC 03	New 5m steel lighting column	5	Post Top	1.09klm	P852K-12-R2B-NW-CB0200-9W-NEMA-RAL7042	0	New IDNO service	L2	Plinth required at column base
PLC 04	New 5m steel lighting column	5	Post Top	1.09klm	P852K-12-R2B-NW-CB0200-9W-NEMA-RAL7043	0	New IDNO service	L2	Plinth required at column base
PLC 05	New 5m steel lighting column	5	Post Top	1.09klm	P852K-12-R2B-NW-CB0200-9W-NEMA-RAL7044	0	New IDNO service	L2	Plinth required at column base
PLC 06	New 5m steel lighting column	5	Post Top	1.09klm	P852K-12-R2B-NW-CB0200-9W-NEMA-RAL7045	0	New IDNO service	L2	Plinth required at column base
PLC 07	New 5m steel lighting column	5	Post Top	1.09klm	P852K-12-R2B-NW-CB0200-9W-NEMA-RAL7046	0	New IDNO service	L2	Plinth required at column base
PLC 08	New 5m steel lighting column	5	Post Top	1.09klm	P852K-12-R2B-NW-CB0200-9W-NEMA-RAL7047	0	New IDNO service	L2	Plinth required at column base
PLC 09	New 5m steel lighting column	5	Post Top	1.09klm	P852K-12-R2B-NW-CB0200-9W-NEMA-RAL7048	0	New IDNO service	L2	Plinth required at column base
PLC 10	New 5m steel lighting column	5	Post Top	1.09klm	P852K-12-R2B-NW-CB0200-9W-NEMA-RAL7049	0	New IDNO service	L2	Plinth required at column base
PLC 11	New 5m steel lighting column	5	Post Top	1.09klm	P852K-12-R2B-NW-CB0200-9W-NEMA-RAL7050	0	New IDNO service	L2	
PLB 01	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 02	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 03	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 04	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 05	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 06	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 07	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 08	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 09	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 10	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 11	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 12	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 13	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 14	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 15	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 16	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 17	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 18	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 19	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 20	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 21	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 22	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 23	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 24	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base
PLB 25	New 1.1m bollard light	1.1	Root	0.19klm	TRT VIA ASY 144mA CLO 2700K 180 DEG BS P/Cell	0	New IDNO service	L2	Plinth required at base

REFERENCE	DESCRIPTION	HEIGHT(m)	MOUNTING	FLUX	LUMINAIRE	TILE (Degrees)	ELECTRICAL SUPPLY	TERMINATION TYPE	NOTES
LC 01	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 02	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 03	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 04	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 05	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	Plinth required at column base
LC 06	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 07	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	Plinth required at column base
LC 08	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	Plinth required at column base
LC 09	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	Plinth required at column base
LC 10	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 11	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 12	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 13	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	Plinth required at column base
LC 14	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 15	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	Plinth required at column base
LC 16	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 17	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 18	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 19	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 20	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 21	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 22	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	5	Transfer service	L2	
LC 23	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	5	New IDNO service	L2	
LC 24	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	5	New IDNO service	L2	
LC 25	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 26	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 27	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	Plinth required at column base
LC 28	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 29	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 30	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 31	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 32	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	0	New IDNO service	L2	
LC 33	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7041	0	New IDNO service	L3	Plinth required at column base
LC 34	New 6m steel lighting column	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7042	0	New IDNO service	L4	Plinth required at column base
Ex 03	Existing column to remain	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	5	n/a	L2	
Ex 04	Existing column to remain	6	Post Top	2.50klm	P852-12-R2B-NW-CB0500-20W-NEMA-RAL7040	5	n/a	L2	
Ex 02	Removal of existing column	6	Post Top	n/a	n/a	n/a	DNO disco	n/a	
Ex 01	Removal of existing column	6	Post Top	n/a	n/a	n/a	DNO tranfer	n/a	refer to LC 22

Key Plan



LEGEND

Application boundary

Existing Tree/
Existing Vegetation

PROPOSED ELEMENTS

PLANTING

Medium / Large Tree at maturity

Small Tree / Large Shrub at Maturity

Proposed multi-stemmed Tree

Root barrier required between
trees and services

Native Amenity Mix

Ornamental Shrubs

Hedge

Proposed location of wood pile

HARD LANDSCAPE:

Standard asphalt black surface to
Road. To Engineers specification

Asphalt surface course to cycle path to
Engineers spec. Colour: Light Buff in
accordance with latest MoU between KCC & EDC

Bituminous standard black surface course
finish to MUGA to Engineers specification.
Colour: Black with line markings

Myriad concrete block paving.
Size: 200x100mm to raised tables
Colour: Twilight (60%), Morning Light
(40%) Bond: Stretcher (1/2 LAP).
By Marshalls

Tegula Concrete block paving to ramps
and thresholds. Size: 160x120mm,
Colour: Pennant grey, Bond: Stack. By
Marshalls

Urbex concrete paving. Size: 600x300mm
Colour: Textured Natural. Bond: Staggered
(1/3 Lap). By Marshalls

Tegula concrete block paving (to types 3 & 4
street parking). Size: 160x120mm, Colour:
Charcoal, Bond: Stretcher (1/2 Lap
staggered). By Marshalls

Urbex textured concrete paving (to type
3 & 4 footpaths). Size: 600x300mm
Colour: Textured Natural Bond:
Staggered Bond (1/2 Lap). By Marshalls

Charnwood concrete block paving to
housing front paths. Size: 450x450mm,
Colour: French Grey. Bond: Stretcher
(1/2 Lap). By Marshalls

Tegula concrete block paving. Size:
160x120mm. Colour: Harvest, Bond:
Herringbone. By Marshalls

Self binding Gravel. Colour: Golden
Amber. By Breddon or similar and
laid to Engineers specification

Bonded rubber mulch safety
surfacing. Colour: Green/brown
mix, to Engineers specification

Private garden

Organa Concrete paver to patio &
Private Footpaths. Size: 450x450mm,
Colour: Linen, Bond: Stack Bond. By
Marshalls

Asphalt surface to Chimney Park
paths. Colour: Buff. Laid to
Engineers specification

Concrete keyblock paving.
Size: 200x100mm. Colour: Natural.
Bond: Herringbone. By Marshalls

Concrete blister paving.
Size: 400x400mm. Colour: Natural.
By Marshalls

Consultant Information

Allen
Pyke

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KINGSTON UPON THAMES • CAMBRIDGE
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Consultant Reference

BOUNDARY TREATMENTS:

1.8m closeboard fence

Timber fence with mesh infill along
top of bank

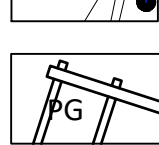
1100mm steel railing to Chimney
Park boundary with matching gates

MISCELLANEOUS

Lighting columns

Lighting bollards, black

Drainage runs



Note: All dimensions, materials and workmanship in accordance with NHBC standards and Building Regulations.
Do not scale from this drawing. All dimensions to be verified with the drawing office.
All dimensions shown are structural unless otherwise stated.