

Street Lighting Key

Proposed 6 metre galvanised T/S lighting column c/w column root protection to G1a (LCC) spec. Column to have vertically mounted TRT Aspect Eco 1 12 LED WW (3000K) Constant Light Output (CLO) General Road 2 (GR2) lens Powerset lantern set to 10W output. Lantern to have LCC Aggressive Dim Regime overridden by internal wiring link. Lantern to have 7-pin NEMA socket c/w Westire 8480 35/18 lux Part Night (OFF: 0000-0600) photocell. Lantern inclination to be 0°.

Proposed 5 metre galvanised Raise and Lower lighting column c/w column root protection to G1a (LCC) spec. Column to have Standard Grey Body TRT Chalis 4 LED WW (3000K) Constant Light Output (CLO) General Road Area 3 (GA3) lens Powerset lantern set to 18W output. Lantern to have LCC Aggressive Dim Regime overridden by internal wiring link. Lantern to have 7-pin NEMA socket c/w Westire 8480 35/18 lux Part Night (OFF: 0000-0600) photocell. Lantern inclination to be 0°.

HIGHWAY NOTES

ALL ADOPTABLE HIGHWAY TO BE CONSTRUCTED IN ACCORDANCE WITH LINCOLNSHIRE COUNTY COUNCIL:
'DEVELOPMENT ROAD AND SUSTAINABLE DRAINAGE SPECIFICATION AND CONSTRUCTION' (MAY 2018 EDITION).

1. THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE CURRENT DEVELOPMENT ROAD AND SUSTAINABLE DRAINAGE SPECIFICATION AND CONSTRUCTION PUBLICATION IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.
2. THE MINIMUM LONGITUDINAL FALL FOR HIGHWAYS, WITHOUT CHANNEL BLOCKS SHALL BE 1 IN 150, AND WITH CHANNEL BLOCKS 1 IN 250.
3. GENERAL DETERIORATION OF THE EXISTING HIGHWAY / FOOTWAY / VERGES CREATED THROUGH CONSTRUCTION OF THE NEW SECTION 38 DEVELOPMENT WILL BE REINSTATED TO THE DEVELOPMENT ROAD AND SUSTAINABLE DRAINAGE SPECIFICATION AND CONSTRUCTION AT THE DEVELOPERS' OWN COST AT THE AGREEMENT OF THE INSPECTING HIGHWAY AND FLOOD AUTHORITY OFFICER.
4. NO PRIVATE SURFACE WATER SHALL DISCHARGE ONTO THE ADOPTABLE HIGHWAY.
5. NO PRIVATE STRUCTURAL FEATURES SHALL OVERHANG THE ADOPTABLE HIGHWAY.
6. NO PRIVATE RETAINING WALLS EXCEEDING 1.37 METRES SHALL BE WITHIN 3.66 METRES OF THE HIGHWAY BOUNDARY.

North Arrow

N
W E
S

NOTES

1. The contractor shall check all tie-ins for line and level with existing before commencing any works. The Engineer shall be notified immediately, in writing, should any errors be found.
2. Any discrepancies, of whatever nature, must be reported to the Engineer prior to the commencement or continuance of any further works.
3. All private drainage works to be in accordance with the requirements of Building Regulations 2000, Part H, "Drainage and waste disposal", (01st April 2002).
4. All pipes to be bedded and backfilled in accordance with Part H, Diagram 10. Shallow pipes shall be protected in accordance with Part H, Diagram 11.
5. Unless otherwise stated, all private drainage to be 100mm diameter. Gradients have been shown where there are pipe capacity issues and these should be regarded as minimums. Unless there are constraints dictating otherwise, gradients shall generally be 1 in 60. 100mm diameter pipes shall not be laid flatter than 1 in 80, 150mm diameter pipes shall not be laid flatter than 1 in 150.
6. All pipes, chambers and fittings to be installed strictly in accordance with the manufacturers instructions.
7. Pipes which run adjacent to buildings shall be installed in strict accordance with Part H, Clauses 2.23 to 2.25 and Diagram 8.
8. All private manholes and inspection chambers situated in areas subject to vehicular loading to have Class B125 covers and frames to BS EN124 and those not subject to have class A15 covers and frames.
9. All drains in the vicinity of existing or proposed trees to be constructed in accordance with the requirements of NHBC Practice Note 3.
10. Private drainage frames must be tied to manhole risers by use of manufacturers ties (e.g. Polypipe ref. FRK500 fixing kit and FRK501 bladk ties.) The ground works contractor will be held fully responsible for any accidents due to incorrect fitting or failure to use the correct manufacturers fixing equipment.
11. All existing land drains encountered on site during construction to be re-connected.
12. Should any departure from the slab level be considered, agreement shall be sought from the Engineer immediately and prior to commencement or continuance of any works, and should take full account of all restrictions to the slab level.
13. Garage slabs relate to the finished level of the concrete at the front entrance of the garage.
14. Where a drive slopes towards a garage there is to be a 75mm ramp up to the garage slab.
15. Maximum gradients of gardens to be 1 in 6 (unless stated otherwise), except for designed banking works.
16. All dimensions in metres unless otherwise stated.

Adoptable Drainage Key

- Proposed Foul Water Manhole to AWSL Specification
- Proposed Surface Water Manhole to AWSL Specification
- Proposed Highway Water Manhole to Lincolnshire County Council Specification
- Anglian Water Adoptable Surface Water Drainage Pipe
- Anglian Water Adoptable Foul Water Drainage Pipe
- Highway Adoptable Surface Water Water Drainage Pipe
- Denotes Easement Area for Highway Drainage

Adoptable Highway Key

- Denotes Areas to be dedicated to Highways
- Denotes Area of carriageway to be dedicated to Highways
- Denotes Area of footway to be dedicated to Highways
- Denotes Area of verge to be dedicated to Highways
- Proposed trapped road gully & 150mm Dia. Vitrified Clay Connection with Type X Bed & Surround. Gratings to be from Peter Savage Type KD51DP
- Proposed transition kerb
- High point and Low point locations
- Proposed PCC Edging Kerb (EF)
- Proposed PCC Bullnosed kerb (BN)
- Proposed PCC Half Battered Kerb (HB)
- 300mm Highway Deep Swale
- Tactile Paving Block ('Dimple' high strength concrete blocks) (200mm x 133mm x 60mm paving blocks - "Buff" colour)

PRELIMINARY DESIGN
NOT FOR CONSTRUCTION

REV	DATE	DESCRIPTION/REASON FOR ISSUE	APPR
G	18/02/21	POND OUTFALL REMOVED	MRF
F	25/01/21	GENERAL REVISIONS	MRF
E	8/01/21	MINOR MODS	MRF
D	28/10/20	GENERAL REVISIONS	MRF
C	02/10/20	UPDATED AS PER HIGHWAYS COMMENTS	AO
B	23/09/20	GENERAL REVISIONS	MRF
A	29/07/20	UPDATED TO LCC HW COMMENTS (23/07/20)	AO

MTC ENGINEERING
MTC Engineering (Cambridge) Ltd.
Ground Floor, 24 High Street
Whittlesford, Cambridgeshire, CB22 4LT
Tel (01223) 837270, fax (01223) 835648
E-mail office@mtcengineering.co.uk

PROJECT
CHAPEL WALK, MOULTON CHAPEL, LINCOLNSHIRE, PE12 0XQ

TITLE
S38 GENERAL ARRANGEMENT

ORIG	DATE
J.T.C	MARCH 2020
CHKD	SCALE 1:500 @ A1
APPR	DRAWING NO 2351-11 REV G

©This drawing and the works depicted are the copyright of MTC Engineering (Cambridge) Ltd and may not be reproduced or amended except by written permission. No liability will be accepted for amendments made by other persons.