



- STREET LIGHTING SPECIFICATION:**
- STREET LIGHTING TO BS 5489-1:2013 & BS EN 13201-2:2015 CLASS P5 USING A S/P RATIO OF 1.5 (EAVE 2.05 TO 3.08 LUX, EMIN 0.41). EXACT POSITIONS ARE TO BE AGREED ON SITE BY THE ENGINEER BEFORE ERECTION WORKS COMMENCES.
  - AFTER ERECTION BOLLARDS SHALL BE NUMBERED CLEARLY IN ACCORDANCE WITH THIS DRAWING.
  - SUPPLIES TO ILLUMINATED BOLLARDS SHALL BE TAKEN DIRECTLY FROM THE CONSUMER UNIT PER PLOT FOR THE NEW DEVELOPMENT. AN APPLICATION FOR SUPPLY FORM MUST BE COMPLETED AND ISSUED TO ENSURE A SUPPLY IS MADE TO EACH BOLLARD.
  - ONLY RECOGNISED LIGHTING CONTRACTORS SHALL BE USED FOR STREET LIGHTING AND ILLUMINATED SIGN AND BOLLARDS INSTALLATION WORKS. THEY SHALL BE APPROVED BY THE OVERSEING ORGANISATION. THEY MUST ALSO BE MEMBERS OF THE ASLEC AND HERS. CURRENT MEMBERSHIP NUMBERS FOR THESE BODIES MUST BE PROVIDED TO THE SUPERVISING AUTHORITY PRIOR TO APPROVAL OF THE PROPOSED LIGHTING CONTRACTOR. OPERATIVE TO BE CS39 TRAINED AND HAVE KNOWLEDGE OF IDENTIFICATION OF OVERHEAD LINE VOLTAGE CABLES. THE APPROVED LIGHTING CONTRACTOR SHALL NOT SUB-CONTRACT ANY PART OF THE WORKS.
  - ALL MATERIALS SHALL BE TO THE RELEVANT BRITISH STANDARD. SITE WORKS SHALL COMPLY IN GENERAL WITH DEPARTMENT OF TRANSPORT SPECIFICATION FOR HIGHWAY WORKS, AND SHALL ALSO CONFORM TO:
    - THE ELECTRICITY AT WORK REGULATIONS (1989)
    - THE HEALTH AND SAFETY AT WORK ACT
    - CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL
    - THE CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS 1988
    - THE CONSTRUCTION (DESIGN MANAGEMENT) (CDM) REGULATIONS 2015
    - HIGHWAY ELECTRICAL ASSOCIATION (HEA)
  - ERECTION AND INSTALLATION WORKS SHALL COMPLY WITH THE CURRENT ISSUE AND AMENDMENTS OF BS7671: 2018 18TH EDITION IET WIRING REGULATIONS REQUIREMENTS FOR ELECTRICAL INSTALLATIONS, THE CURRENT EDITION OF THE I.P. (GPO) CODE OF PRACTICE FOR ELECTRICAL SAFETY IN HIGHWAY ELECTRICAL OPERATIONS AND THE CODE OF PRACTICE FOR THE ERECTION OF STREET LIGHTING PUBLISHED BY THE ASSOCIATION OF STREET LIGHTING ELECTRICAL CONTRACTORS.
  - BOLLARDS: TRT LIGHTING VIA ASY 160MA 42 LED 4000K NEUTRAL WHITE IN RAL 9017 BLACK 240 DEGREE BACKSHIELD 1.13M HIGH.
  - MAINTENANCE FACTOR 0.75.

- NOTES:**
- DO NOT SCALE THIS DRAWING.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS, ARCHITECTS AND SPECIALIST DESIGN DRAWINGS AND DETAILS.
  - ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
  - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY SERVICE APPARATUS IN THE VICINITY OF THE WORKS. THE CLIENT WILL ACCEPT NO CLAIMS WHATSOEVER IN RESPECT OF ANY LOSSES OR DAMAGE CAUSED IN RESPECT OF SUCH APPARATUS, HOWEVER CAUSED.
  - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXECUTE THE WORKS AT ALL TIMES IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE HEALTH AND SAFETY AT WORK ACT 1974, AND THE C.D.M. REGULATIONS 2015. THE CONTRACTOR WILL BE DEEMED TO HAVE ALLOWED FOR FULL COMPLIANCE, WITHIN HIS RATES.
  - THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORKS ARE TO THE SATISFACTION OF THE ENGINEER, AND SHALL BE DEEMED TO HAVE INCLUDED WITHIN HIS RATES FOR ANY NECESSARY TESTING.
  - LANTERN DRIVER TO BE DALI ENABLED AND MUST NOT BE RE-PROGRAMMED WITH CLO (CONSTANT LIGHT OUTPUT) OR DIMMING REGIMES.
  - DRAWING TO BE PRINTED IN COLOUR.

**STREET LIGHTING KEY**

<b>B***</b>	PROPOSED ILLUMINATED BOLLARD HEIGHT: 1.13m LANTERN MANUFACTURER: TRT LANTERN NAME: VIA ASY 240 DEGREE BACKSHIELD
<b>QUANTITY</b> 7	LAMP TYPE: LED NEUTRAL WHITE 4100K WATTAGE: 5W
<b>LP**</b>	ADAPTABLE LIGHTING COLUMN POSITIONED AS PER M-EC ADAPTABLE LIGHTING DESIGN DRG.
<b>QUANTITY</b> 2	21451_02_100_01d TO BE CONSTRUCTED AS PART OF THE ADAPTABLE SCHEME AND IS ONLY SHOWN FOR TIE-IN PURPOSES.
	3.08 LUX ISO CONTOUR
	2.05 LUX ISO CONTOUR
	0.41 LUX ISO CONTOUR
	SITE BOUNDARY

THIS DRAWING IS BASED ON DETAILED LAYOUT: 7737-03-01 PLANNING LAYOUT RECEIVED 20.09.19

**ROAD LIGHTING SETTING OUT SCHEDULE**

BOLLARD REF:	X	Y	SETBACK
B01	467385.59	324057.53	EDGE OF KERB
B02	467377.71	324057.08	EDGE OF KERB
B03	467384.03	324076.79	EDGE OF KERB
B04	467378.01	324073.29	EDGE OF KERB
B05	467378.72	324064.28	EDGE OF KERB

ISSUED FOR COMMENT/APPROVAL	NA	DMH	EM	10.03.21
REV. AMENDMENTS:	DRN	CHK	APP	DATE:
PROJECT:	LONGCLIFF HILL OLD DALBY MELTON MOWBRAY			
DRAWING TITLE:	36 PLOT PRIVATE LIGHTING LAYOUT			
CLIENT:	TRUMAN CONTRACTORS (EAST MIDLANDS) LTD			
DRAWING NUMBER:	24154_02_100_02			
REVISION:	-	SHEET SIZE:	A2	SCALE: 1:500
STATUS:	FOR INFORMATION / APPROVAL			
<b>M-EC</b> Consulting Development Engineers	Telephone: 01530 264 753 Email: group@m-ec.co.uk Website: www.m-ec.co.uk ORNANCE SURVEY © CROWN COPYRIGHT 2015. ALL RIGHTS RESERVED. LICENCE NUMBER 10055866.			

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