



STREET LIGHTING LEGEND

QTY	KEY	
5		PROPOSED 8M NOMINAL HEIGHT ROOT MOUNTED GALVANISED TUBULAR STEEL COLUMN TO CUMBERIA COUNTY COUNCIL SPECIFICATION POSITIONED IN ADOPTED HIGHWAY. COMPLETE WITH POST TOP MOUNTED THORN ISARO PRO SMALL BODY 12 LED 150Ww EXTENSIBLE STREET OPTIC 300K (WARM WHITE) 3.544m LANTERN (Ø 14.1) WITH 7 PIN NEMA SOCKET AND LUCY 2000m PHOTOCELL, 888 (10 LUX SWITCHING). (SPECIFICATION: IP12, 105873026, DC 0.844m)
4		PROPOSED 8M NOMINAL HEIGHT ROOT MOUNTED GALVANISED TUBULAR STEEL COLUMN TO CUMBERIA COUNTY COUNCIL SPECIFICATION POSITIONED IN ADOPTED HIGHWAY. COMPLETE WITH POST TOP MOUNTED THORN ISARO PRO SMALL BODY 12 LED 150Ww EXTENSIBLE STREET OPTIC 300K (WARM WHITE) 3.544m LANTERN (Ø 14.1) WITH 7 PIN NEMA SOCKET AND LUCY 2000m PHOTOCELL, 888 (10 LUX SWITCHING). (SPECIFICATION: IP12, 105873026, DC 0.844m)
1		PROPOSED 8M NOMINAL HEIGHT ROOT MOUNTED GALVANISED TUBULAR STEEL SIGN POST TO CUMBERIA COUNTY COUNCIL SPECIFICATION POSITIONED IN ADOPTED HIGHWAY. COMPLETE WITH POST TOP MOUNTED BRILLIANT HEADED ILLUMINATED SIGN LIGHT AS DETAILED ON DRAWING. SECTION 38/278 PLAN D80.

GENERAL STREET LIGHTING NOTES

ERECTION OF COLUMNS - LIGHTING COLUMNS SHALL BE ERECTED ONLY IN THE ADOPTED HIGHWAY. IN THE POSITIONS INDICATED ON THE DRAWING WITH THE MAIN SHAFT TRULY VERTICAL AND IN ACCORDANCE WITH THE CODE OF PRACTICE FOR THE ERECTION OF STREET LIGHTING EQUIPMENT.

COLUMN DOORS ARE TO BE ORIENTATED SO THAT THE MAINTENANCE WORKER WILL BE FACING THE ONCOMING TRAFFIC WHILE WORKING INSIDE THE COLUMN.

NEW COLUMN POSITIONS TO BE AGREED WITH CONTRACTOR PRIOR TO INSTALLATION. TYPICAL COLUMN SET BACK:

- WITHIN FOOTPATH BACK OF PATH
- WITHIN WARDSTANDING IN BUILD OUT TO CCG SPECIFICATION, MIN 0.8M
- FROM THE KERB EDGE TO FRONT FACE OF THE COLUMN
- COLUMNS ADJACENT TO DRIVEWAYS TO HAVE A MINIMUM OF 0.4M CLEARANCE TO THE COLUMN CENTRE.

RAISING & LOWERING COLUMNS ARE TO BE USED WHERE ACCESS IS MADE DIFFICULT FOR MAINTENANCE VEHICLES (LOWER WAGON) AND POSITIONED IN THE SURFACE WITH ENOUGH ROOM FOR THE COLUMN TO BE LOWERED SAFELY WITH NO OBSTRUCTIONS.

ALL ELECTRICAL WORK INSTALLED SHOULD BE CARRIED OUT TO MEET THE REQUIREMENTS OF THE WIRING REGULATIONS 18th EDITION BS 7671:2018.

THE ELECTRICITY SUPPLY TO EACH COLUMN IS TO BE ARRANGED BY DEVELOPER AND PROVIDED DIRECTLY FROM THE REGIONAL ELECTRICITY COMPANY. LOW VOLTAGE MAIN NETWORK AND THE CONNECTIONS ARE STRICTLY TO BE MADE BY QUALIFIED OPERATIVES ONLY. DOUBLE POLE ISOLATION IS REQUIRED IN THE FORM OF CUT OUT WITH CARRY BASE, UNLESS DEPICTED OTHERWISE.

CABLE - INTERNAL

INTERNAL WIRING BETWEEN THE TERMINAL BLOCK IN THE LANTERN AND THE COMPONENTS IN THE BASE OF THE COLUMN SHALL BE PVC INSULATED AND SHEATHED CABLE OF 300/500 VOLT GRADE, HAVE A COPPER CONDUCTOR SIZE OF NOT LESS THAN 1.5 SQ. MM FOR LIGHTING LAMPS OF UP TO 6 METRES MOUNTING HEIGHT AND 2.5 SQ. MM FOR LIGHTING UNITS IN EXCESS OF 6M. ALL CABLES SHALL BE CORRECTLY COLOUR CODED.

EARTHING

THE TYPE OF EARTHING SYSTEM SHALL BE TN-C-S AND THE WHOLE OF THE INSTALLATION SHALL BE EARTHED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT BS 7671. EEE WIRING REGULATIONS. ALL PUBLIC LIGHTING CABLES SHALL BE DOUBLE EARTHED THROUGH THE THIRD COPPER CORE AND THE STEEL WIRE ARMOUR.

EARTH BONDING

CABLES FOR CONTINUOUS EARTH BONDING SHALL BE GREEN/YELLOW PVC INSULATED SINGLE CORE COPPER CABLE OF MINIMUM CROSS SECTIONAL AREA OF 16 SQ. MM 600 VOLT GRADE CONFORMING TO THE BS 6804 AND BE CONNECTED TO COLUMN AND COLUMN DOOR.

IMPORTANT

ANY ALTERATION TO THE PROPOSED LIGHTING COLUMN POSITIONS ARE TO BE APPROVED BY THE COUNTY COUNCIL LIGHTING DESIGNER.

PROPOSED TREE LOCATIONS

LANDSCAPE ARCHITECT TO REVIEW THE INDICATIVE LOCATION OF ANY TREES SHOWN IN THE DRAWING WHICH ARE SITED IN THE VICINITY OF A LIGHTING COLUMN. THE TREE LAYOUT SHOULD BE DESIGNED TO MINIMISE IMPACT ON THE LOCAL SYSTEM OF STREET LIGHTING. THIS SHOULD INCLUDE ANY OBSTRUCTION TO LIGHT OUTPUT DUE TO TREE FOLIAGE AND ENSURE THE LIGHTING ASSET WILL NOT BE OVERSHADOW BY ANY TREE CANOPY.



ROAD MARKING INFORMATION	
DIAGRAM REFERENCES RELATE TO THE TRAFFIC SIGNS MANUAL CHAPTER 8: ROAD MARKINGS.	
ALL WHITE LINING AND ROAD MARKINGS ARE TO BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE TRAFFIC SIGNS MANUAL.	
<ul style="list-style-type: none">DIAGRAM 102A: MARK-4a, CAP+3m, WIDTH+2mDIAGRAM 102B: MARK-4b, CAP+3m, WIDTH+2mDIAGRAM 102C: MARK-4c, CAP+3m, WIDTH+2mDIAGRAM 102D: MARK-4d, CAP+3m, WIDTH+2mDIAGRAM 102E: MARK-4e, CAP+3m, WIDTH+2mDIAGRAM 102F: MARK-4f, CAP+3m, WIDTH+2mDIAGRAM 102G: MARK-4g, CAP+3m, WIDTH+2mDIAGRAM 102H: MARK-4h, CAP+3m, WIDTH+2mDIAGRAM 102I: MARK-4i, CAP+3m, WIDTH+2mDIAGRAM 102J: MARK-4j, CAP+3m, WIDTH+2mDIAGRAM 102K: MARK-4k, CAP+3m, WIDTH+2mDIAGRAM 102L: MARK-4l, CAP+3m, WIDTH+2mDIAGRAM 102M: MARK-4m, CAP+3m, WIDTH+2mDIAGRAM 102N: MARK-4n, CAP+3m, WIDTH+2mDIAGRAM 102O: MARK-4o, CAP+3m, WIDTH+2mDIAGRAM 102P: MARK-4p, CAP+3m, WIDTH+2mDIAGRAM 102Q: MARK-4q, CAP+3m, WIDTH+2mDIAGRAM 102R: MARK-4r, CAP+3m, WIDTH+2mDIAGRAM 102S: MARK-4s, CAP+3m, WIDTH+2mDIAGRAM 102T: MARK-4t, CAP+3m, WIDTH+2mDIAGRAM 102U: MARK-4u, CAP+3m, WIDTH+2mDIAGRAM 102V: MARK-4v, CAP+3m, WIDTH+2mDIAGRAM 102W: MARK-4w, CAP+3m, WIDTH+2mDIAGRAM 102X: MARK-4x, CAP+3m, WIDTH+2mDIAGRAM 102Y: MARK-4y, CAP+3m, 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WIDTH+2mDIAGRAM 102IQ: MARK-4q, CAP+3m, WIDTH+2mDIAGRAM 102IR: MARK-4r, CAP+3m, WIDTH+2mDIAGRAM 102IS: MARK-4s, CAP+3m, WIDTH+2mDIAGRAM 102IT: MARK-4t, CAP+3m, WIDTH+2mDIAGRAM 102IU: MARK-4u, CAP+3m, WIDTH+2mDIAGRAM 102IV: MARK-4v, CAP+3m, WIDTH+2mDIAGRAM 102IW: MARK-4w, CAP+3m, WIDTH+2mDIAGRAM 102IX: MARK-4x, CAP+3m, WIDTH+2mDIAGRAM 102IY: MARK-4y, CAP+3m, WIDTH+2mDIAGRAM 102IZ: MARK-4z, CAP+3m, WIDTH+2mDIAGRAM 102JA: MARK-4a, CAP+3m, WIDTH+2mDIAGRAM 102JB: MARK-4b, CAP+3m, WIDTH+2mDIAGRAM 102JC: MARK-4c, CAP+3m, WIDTH+2mDIAGRAM 102JD: MARK-4d, CAP+3m, WIDTH+2mDIAGRAM 102JE: MARK-4e, CAP+3m, WIDTH+2mDIAGRAM 102JF: MARK-4f, CAP+3m, WIDTH+2mDIAGRAM 102JG: MARK-4g, CAP+3m, WIDTH+2mDIAGRAM 102JH: MARK-4h, CAP+3m, WIDTH+2mDIAGRAM 102JI: MARK-4i, CAP+3m, WIDTH+2mDIAGRAM 102JJ: MARK-4j, CAP+3m, WIDTH+2mDIAGRAM 102JK: MARK-4k, CAP+3m, WIDTH+2mDIAGRAM 102JL: MARK-4l, CAP+3m, WIDTH+2mDIAGRAM 102JM: MARK-4m, CAP+3m, WIDTH+2mDIAGRAM 102JN: MARK-4n, CAP+3m, WIDTH+2mDIAGRAM 102JO: MARK-4o, CAP+3m, 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WIDTH+2mDIAGRAM 102KO: MARK-4o, CAP+3m, WIDTH+2mDIAGRAM 102KP: MARK-4p, CAP+3m, WIDTH+2mDIAGRAM 102KQ: MARK-4q, CAP+3m, WIDTH+2mDIAGRAM 102KR: MARK-4r, CAP+3m, WIDTH+2mDIAGRAM 102KS: MARK-4s, CAP+3m, WIDTH+2mDIAGRAM 102KT: MARK-4t, CAP+3m, WIDTH+2mDIAGRAM 102KU: MARK-4u, CAP+3m, WIDTH+2mDIAGRAM 102KV: MARK-4v, CAP+3m, WIDTH+2mDIAGRAM 102KW: MARK-4w, CAP+3m, WIDTH+2mDIAGRAM 102KX: MARK-4x, CAP+3m, WIDTH+2mDIAGRAM 102KY: MARK-4y, CAP+3m, WIDTH+2mDIAGRAM 102KZ: MARK-4z, CAP+3m, WIDTH+2mDIAGRAM 102LA: MARK-4a, CAP+3m, WIDTH+2mDIAGRAM 102LB: MARK-4b, CAP+3m, WIDTH+2mDIAGRAM 102LC: MARK-4c, CAP+3m, WIDTH+2mDIAGRAM 102LD: MARK-4d, CAP+3m, WIDTH+2mDIAGRAM 102LE: MARK-4e, CAP+3m, WIDTH+2mDIAGRAM 102LF: MARK-4f, CAP+3m, WIDTH+2mDIAGRAM 102LG: MARK-4g, CAP+3m, WIDTH+2mDIAGRAM 102LH: MARK-4h, CAP+3m, WIDTH+2mDIAGRAM 102LI: MARK-4i, CAP+3m, WIDTH+2mDIAGRAM 102LJ: MARK-4j, CAP+3m, WIDTH+2mDIAGRAM 102LK: MARK-4k, CAP+3m, WIDTH+2mDIAGRAM 102LL: MARK-4l, CAP+3m, WIDTH+2mDIAGRAM 102LM: MARK-4m, CAP+3m, WIDTH+2mDIAGRAM 102LN: MARK-4n, CAP+3m, WIDTH+2mDIAGRAM 102LO: MARK-4o, CAP+3m, WIDTH+2mDIAGRAM 102LP: MARK-4p, CAP+3m, WIDTH+2mDIAGRAM 102LQ: MARK-4q, CAP+3m, WIDTH+2mDIAGRAM 102LR: MARK-4r, CAP+3m, WIDTH+2mDIAGRAM 102LS: MARK-4s, CAP+3m, WIDTH+2mDIAGRAM 102LT: MARK-4t, CAP+3m, WIDTH+2mDIAGRAM 102LU: MARK-4u, CAP+3m, WIDTH+2mDIAGRAM 102LV: MARK-4v, CAP+3m, WIDTH+2mDIAGRAM 102LW: MARK-4w, CAP+3m, WIDTH+2mDIAGRAM 102LX: MARK-4x, CAP+3m, WIDTH+2mDIAGRAM 102LY: MARK-4y, CAP+3m, WIDTH+2mDIAGRAM 102LZ: MARK-4z, CAP+3m, WIDTH+2mDIAGRAM 102MA: MARK-4a, CAP+3m, WIDTH+2mDIAGRAM 102MB: MARK-4b, CAP+3m, WIDTH+2mDIAGRAM 102MC: MARK-4c, CAP+3m, WIDTH+2mDIAGRAM 102MD: MARK-4d, CAP+3m, WIDTH+2mDIAGRAM 102ME: MARK-4e, CAP+3m, WIDTH+2mDIAGRAM 102MF: MARK-4f, CAP+3m, WIDTH+2mDIAGRAM 102MG: MARK-4g, CAP+3m, WIDTH+2mDIAGRAM 102MH: MARK-4h, CAP+3m, WIDTH+2mDIAGRAM 102MI: MARK-4i, CAP+3m, WIDTH+2mDIAGRAM 102MJ: MARK-4j, CAP+3m, WIDTH+2mDIAGRAM 102MK: MARK-4k, CAP+3m, WIDTH+2mDIAGRAM 102ML: MARK-4l, CAP+3m, WIDTH+2mDIAGRAM 102MM: MARK-4m, CAP+3m, WIDTH+2mDIAGRAM 102MN: MARK-4n, CAP+3m, WIDTH+2mDIAGRAM 102MO: MARK-4o, CAP+3m, WIDTH+2mDIAGRAM 102MP: MARK-4p, CAP+3m, WIDTH+2mDIAGRAM 102MQ: MARK-4q, CAP+3m, WIDTH+2mDIAGRAM 102MR: MARK-4r, CAP+3m, WIDTH+2mDIAGRAM 102MS: MARK-4s, CAP+3m, WIDTH+2mDIAGRAM 102MT: MARK-4t, CAP+3m, WIDTH+2mDIAGRAM 102MU: MARK-4u, CAP+3m, WIDTH+2mDIAGRAM 102MV: MARK-4v, CAP+3m, WIDTH+2mDIAGRAM 102MW: MARK-4w, CAP+3m, WIDTH+2mDIAGRAM 102MX: MARK-4x, CAP+3m, WIDTH+2mDIAGRAM 102MY: MARK-4y, CAP+3m, WIDTH+2mDIAGRAM 102MZ: MARK-4z, CAP+3m, WIDTH+2mDIAGRAM 102NA: MARK-4a, CAP+3m, WIDTH+2mDIAGRAM 102NB: MARK-4b, CAP+3m, WIDTH+2mDIAGRAM 102NC: MARK-4c, CAP+3m, WIDTH+2mDIAGRAM 102ND: MARK-4d, CAP+3m, WIDTH+2mDIAGRAM 102NE: MARK-4e, CAP+3m, WIDTH+2mDIAGRAM 102NF: MARK-4f, CAP+3m, WIDTH+2mDIAGRAM 102NG: MARK-4g, CAP+3m, WIDTH+2mDIAGRAM 102NH: MARK-4h, CAP+3m, WIDTH+2mDIAGRAM 102NI: MARK-4i, CAP+3m, WIDTH+2mDIAGRAM 102NJ: MARK-4j, CAP+3m, WIDTH+2mDIAGRAM 102NK: MARK-4k, CAP+3m, WIDTH+2mDIAGRAM 102NL: MARK-4l, CAP+3m, WIDTH+2mDIAGRAM 102NM: MARK-4m, CAP+3m, WIDTH+2mDIAGRAM 102NN: MARK-4n, CAP+3m, WIDTH+2mDIAGRAM 102NO: MARK-4o, CAP+3m, WIDTH+2mDIAGRAM 102NP: MARK-4p, CAP+3m, WIDTH+2mDIAGRAM 102NQ: MARK-4q, CAP+3m, WIDTH+2mDIAGRAM 102NR: MARK-4r, CAP+3m, WIDTH+2mDIAGRAM 102NS: MARK-4s, CAP+3m, WIDTH+2mDIAGRAM 102NT: MARK-4t, CAP+3m, WIDTH+2mDIAGRAM 102NU: MARK-4u, CAP+3m, WIDTH+2mDIAGRAM 102NV: MARK-4v, CAP+3m, WIDTH+2mDIAGRAM 102NW: MARK-4w, CAP+3m, WIDTH+2mDIAGRAM 102NX: MARK-4x, CAP+3m, WIDTH+2mDIAGRAM 102NY: MARK-4y, CAP+3m, WIDTH+2mDIAGRAM 102NZ: MARK-4z, CAP+3m, WIDTH+2mDIAGRAM 102OA: MARK-4a, CAP+3m, WIDTH+2mDIAGRAM 102OB: MARK-4b, CAP+3m, WIDTH+2mDIAGRAM 102OC: MARK-4c, CAP+3m, WIDTH+2mDIAGRAM 102OD: MARK-4d, CAP+3m, WIDTH+2mDIAGRAM 102OE: MARK-4e, CAP+3m, WIDTH+2mDIAGRAM 102OF: MARK-4f, CAP+3m, WIDTH+2mDIAGRAM 102OG: MARK-4g, CAP+3m, WIDTH+2mDIAGRAM 102OH: MARK-4h, CAP+3m, WIDTH+2mDIAGRAM 102OI: MARK-4i, CAP+3m, WIDTH+2mDIAGRAM 102OJ: MARK-4j, CAP+3m, WIDTH+2mDIAGRAM 102OK: MARK-4k, CAP+3m, WIDTH+2mDIAGRAM 102OL: MARK-4l, CAP+3m, WIDTH+2mDIAGRAM 102OM: MARK-4m, CAP+3m, WIDTH+2mDIAGRAM 102ON: MARK-4n, CAP+3m, WIDTH+2mDIAGRAM 102OO: MARK-4o, CAP+3m, WIDTH+2mDIAGRAM 102OP: MARK-4p, CAP+3m, WIDTH+2mDIAGRAM 102OQ: MARK-4q, CAP+3m, WIDTH+2mDIAGRAM 102OR: MARK-4r, CAP+3m, WIDTH+2mDIAGRAM 102OS: MARK-4s, CAP+3m, WIDTH+2mDIAGRAM 102OT: MARK-4t, CAP+3m, WIDTH+2mDIAGRAM 102OU: MARK-4u, CAP+3m, WIDTH+2mDIAGRAM 102OV: MARK-4v, CAP+3m, WIDTH+2mDIAGRAM 102OW: MARK-4w, CAP+3m, WIDTH+2mDIAGRAM 102OX: MARK-4x, CAP+3m, WIDTH+2mDIAGRAM 102OY: MARK-4y, CAP+3m, WIDTH+2mDIAGRAM 102OZ: MARK-4z, CAP+3m, WIDTH+2mDIAGRAM 102PA: MARK-4a, CAP+3m, WIDTH+2mDIAGRAM 102PB: MARK-4b, CAP+3m, WIDTH+2mDIAGRAM 102PC: MARK-4c, CAP+3m, WIDTH+2mDIAGRAM 102PD: MARK-4d, CAP+3m, WIDTH+2mDIAGRAM 102PE: MARK-4e, CAP+3m, WIDTH+2mDIAGRAM 102PF: MARK-4f, CAP+3m, WIDTH+2mDIAGRAM 102PG: MARK-4g, CAP+3m, WIDTH+2mDIAGRAM 102PH: MARK-4h, CAP+3m, WIDTH+2mDIAGRAM 102PI: MARK-4i, CAP+3m, WIDTH+2mDIAGRAM 102PJ: MARK-4j, CAP+3m, WIDTH+2mDIAGRAM 102PK: MARK-4k, CAP+3m, WIDTH+2mDIAGRAM 102PL: MARK-4l, CAP+3m, WIDTH+2mDIAGRAM 102PM: MARK-4m, CAP+3m, WIDTH+2mDIAGRAM 102PN: MARK-4n, CAP+3m, WIDTH+2mDIAGRAM 102PO: MARK-4o, CAP+3m, WIDTH+2mDIAGRAM 102PP: MARK-4p, CAP+3m, WIDTH+2mDIAGRAM 102PQ: MARK-4q, CAP+3m, WIDTH+2mDIAGRAM 102PR: MARK-4r, CAP+3m, WIDTH+2mDIAGRAM 102PS: MARK-4s, CAP+3m, WIDTH+2mDIAGRAM 102PT: MARK-4t, CAP+3m, WIDTH+2mDIAGRAM 102PU: MARK-4u, CAP+3m, WIDTH+2mDIAG	