



- KEYS:**
- EXISTING ROAD LIGHTING COLUMN OF 10M HEIGHT WITH A PROPOSED POST TOP MOUNTED (0° TILT) DW WINDSOR KIRIUM PRO2 48 LED 3000K 48W LED LUMINAIRE WITH A 8.30 KLM OUTPUT.
 - PROPOSED ROAD LIGHTING COLUMN OF 6M NOMINAL HEIGHT WITH A PLANTED BASE AND A POST TOP MOUNTED (0° TILT) DW WINDSOR STREET 16 LED 3000K 17W LED LUMINAIRE WITH A 2.67 KLM OUTPUT.
 - PROPOSED RAISE AND LOWER BASE HINGED ROAD LIGHTING COLUMN OF 6M NOMINAL HEIGHT WITH A PLANTED BASE AND A POST TOP MOUNTED (0° TILT) DW WINDSOR STREET 16 LED 3000K 17W LED LUMINAIRE WITH A 2.67 KLMK OUTPUT.
 - 15 LUX CONTOURS
 - 4.0 LUX CONTOURS
 - 5.0 LUX CONTOURS
 - 1.0 LUX CONTOURS
 - APPLICATION BOUNDARY.
 - 6 SQ.MM NYCY CABLE IN 100MM RED PVC IS135 CLASS B DUCT
 - UNMETERED LIGHTING SUPPLY PILLAR HEIGHT - 600MM, WIDTH - 300MM, DEPTH - 150MM

FOR CONTINUATION REFER DRAWING NO. PL2528-MEC-HLG-SWI-DR-EO-00002

REV.	DESCRIPTION	DRWN	CHK	APP	DATE
1	FIRST ISSUE	PP	JM	JM	18/09/25

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CLIENT
 Crocon Engineers Ltd.

PROJECT
 BANESHANE, MIDLETON, CO. CORK

TITLE
 PUBLIC LIGHTING LAYOUT

SCALE@A1	DRAWN	CHECK	APPROVED	DATE
1:500	PP	JM	JM	18/09/2025

DRAWING NUMBER
 PL2528-MEC-HIG-SWI-DR-EO-00001

ISSUE
 INFO 0

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NOTES:

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL COLUMNS SHALL BE SERVICED VIA ESB SUPPLIES AND FITTED WITH A 25A FUSE.
3. DRAWING TO BE PRINTED IN COLOR TO ENABLE CORRECT REPRESENTATION OF LIGHTING SYMBOLS.
4. COLUMNS TO BE PER LIMERICK CITY AND COUNTY COUNCIL PUBLIC LIGHTING AND PRODUCT SPECIFICATION 2022 POINT 10 AND SHALL BE FITTED WITH SECONDARY ISOLATION ABOVE THE ESB CUT OUT.
5. SUB FUSES FOR EXTERNAL SUB CIRCUITS SHALL BE FITTED WITH 16A BS 88 FUSES. FUSE DISCRIMINATION SHALL COMPLY WITH IS 10101.
6. PRIOR TO ANY EXCAVATION THE CONTRACTOR SHALL HAVE REVIEWED THE EXISTING SERVICES IN THE AREA OF THE EXCAVATION. RESIDUAL RISKS WHERE KNOWN HAVE BEEN INDICATED. THESE HAVE BEEN BASED UPON DESIGN DRAWING AND MAY HAVE CHANGED AT CONSTRUCTION STAGE. WHERE THERE ARE KNOWN SERVICES IN THE VICINITY OF EXCAVATIONS THE CONTRACTOR SHALL ENSURE HAND DIGGING IS CARRIED OUT WITH CARE.
7. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH: PL2543-MEC-HLG-SWI-EO-CA-00001.
8. EQUIPMENT NUMBERS ARE SHOWN FOR DESIGN PURPOSE ONLY. MAINTENANCE NUMBERS TO BE CONFIRMED WHEN AGREED WITH THE MAINTENANCE AUTHORITY.
9. COLUMNS WITH NO VEHICULAR ACCESS SHALL BE RAISE AND LOWER COLUMNS WITH ACCESS DOOR. DUCTING TO BE PVC TO IS135 CLASS B HAVING A MINIMUM 50MM DIAMETER FOR PUBLIC LIGHTING CABLE AND 100MM DIAMETER FOR ESB NETWORK SUPPLY DISTRIBUTION CABLE TO LIGHTING MICRO PILLAR. DUCTING SHALL BE RED COLOURED AND HAVE THE WORDS "STREET LIGHTING" STAMPED ON IT IN 9MM HIGH LETTERING AT 1M INTERVALS, WITH THE LETTERING LABELS FACING UPWARDS IN THE TRENCH. WARNING TAPE MUST ALWAYS BE USED.
11. THIS LIGHTING DESIGN HAS BEEN PREPARED IN ACCORDANCE WITH CEN EN 13201-1:2015, CEN EN 13201-5:2015, BS5489-1:2020, CORK COUNTY COUNCIL PUBLIC LIGHTING MANUAL & PRODUCT SPECIFICATION 2023, BEST PRACTICE, AS PUBLISHED BY BAT CONSERVATION IRELAND & ILP GUIDANCE NOTE 8 BATS AND ARTIFICIAL LIGHTING.
12. LIGHTING COLUMNS ASSOCIATED WITH UNIT REFERENCE NUMBERS LC20, LC21, LC31, LC32, LC33, LC43, LC44, LC47, AND LC48 SHALL BE BASE-HINGED TO ALLOW SAFE AND EFFICIENT ACCESS FOR MAINTENANCE ACTIVITIES.

HEALTH AND SAFETY SYMBOLS

- INDICATES A RESIDUAL RISK REQUIRING A COMPULSORY ACTION
- INDICATES A RESIDUAL RISK FOR INFORMATION
- INDICATES A RESIDUAL RISK REQUIRING A PROHIBITIVE ACTION
- INDICATES A RESIDUAL RISK AS A WARNING

