

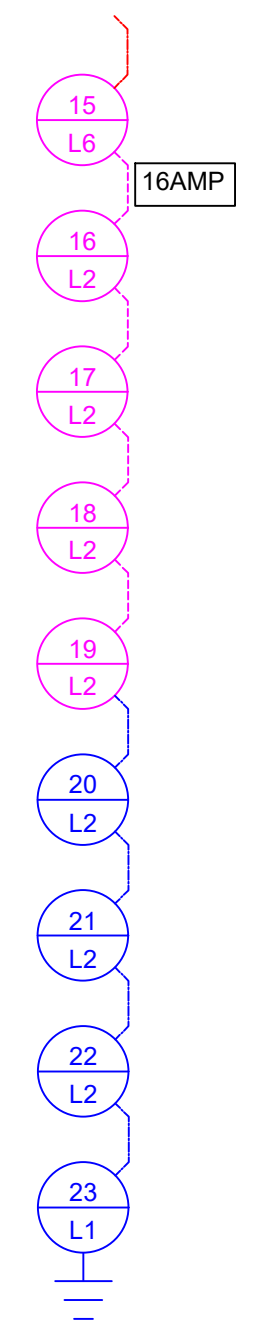


NOTES:

- FOR THE STREET LIGHTING KEY AND SPECIFICATION OF COLUMNS, LANTERNS AND ELECTRICAL SUPPLIES, PLEASE REFER TO THE RELEVANT DRAWING LAYOUT.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH OLDHAM AND ROCHDALE COUNCIL'S STREET LIGHTING PFI SPECIFICATION AND THE SPECIFICATION FOR ROAD LIGHTING, ILLUMINATED TRAFFIC SIGNS AND BOLLARDS IN OLDHAM & ROCHDALE
- REFERENCE TO "COMMUNITY LIGHTING PARTNERSHIP (CLP) STANDARD DETAILS SHALL BE NOTED:
 - 13.03 INSTALLATION OF STEEL LIGHTING COLUMNS
 - 13.04 COLUMN DOOR ALIGNMENT
 - 13.71 WARNING NOTICES FOR ROAD LIGHTING COLUMNS
 - 14.01 TERMINATION OF CABLES TYPE L1 REV A
 - 14.02 TERMINATION OF CABLES TYPE L2 REV A
 - 14.04 TERMINATION OF CABLES TYPE L4 REV A
 - 14.26 BASE COMPARTMENT GENERAL ARRANGEMENT REV A
 - 14.27 COLUMN AND SIGN NUMBERING DETAIL
 - 14.28 TERMINATION LABELS IN BASE COMPARTMENT
- OLDHAM AND ROCHDALE'S COLUMN SPECIFICATION SHALL BE IN ACCORDANCE WITH VALMONT STAINTON STANDARD DETAIL DRAWINGS AS PER SPECIFIED IN THE PROPOSED KEY, ALL HAVING GLASS FLAKE ROOT PROTECTION.
- ALL LUMINAIRES SHALL INCORPORATE REMOTE MONITORING SYSTEM AS LUCY ZODION KI, INCLUSIVE OF ELECTRONIC GEAR AND NODE.
- THE DEVELOPER SHALL BE RESPONSIBLE TO LIAISE WITH LUCY ZODION TO ENSURE ALL LIGHTING COLUMNS WILL BE ACCESSIBLE TO THE REMOTE MONITORING SYSTEM WHICH WILL BE PASSED OVER ON FINAL ADOPTION/ACCRUAL OF THE ASSETS.
- THE POSITION OF THE STREET LIGHTING COLUMNS SHALL BE SET OUT BY THE DEVELOPER AND SHALL BE INSTALLED ONCE THE FRONT AND BACK EDGES ARE IN SITU TO ENSURE THE COLUMN IS PLANTED TO THE CORRECT DEPTH.
- IT IS THE RESPONSIBILITY OF THE DEVELOPER TO ENSURE THERE IS SUFFICIENT AREA TO PLANT THE STREET LIGHTING COLUMN(S) IN THE POSITIONS INDICATED WITHIN THE PROPOSED ADOPTED HIGHWAY.
- PROGRAMMING AND LIAISON WITH THE DISTRIBUTION NETWORK OPERATORS AND CONTRACTORS IS THE SOLE RESPONSIBILITY OF THE DEVELOPER.
- THE PROVISION OF ELECTRICITY SERVICES TO EACH INDIVIDUAL LIGHTING COLUMN SHALL BE ORDERED DIRECT FROM THE DISTRIBUTION NETWORK OPERATOR BY THE DEVELOPER WHO WILL BE REQUIRED TO BEAR THE COSTS THEREOF.
- THE DNO TERMINATION POINT SHALL BE A DOUBLE-POLE CUT OUT IN ACCORDANCE WITH ENWL SPECIFICATION, COMPLETE WITH BS; 88 PART 2 FUSE.

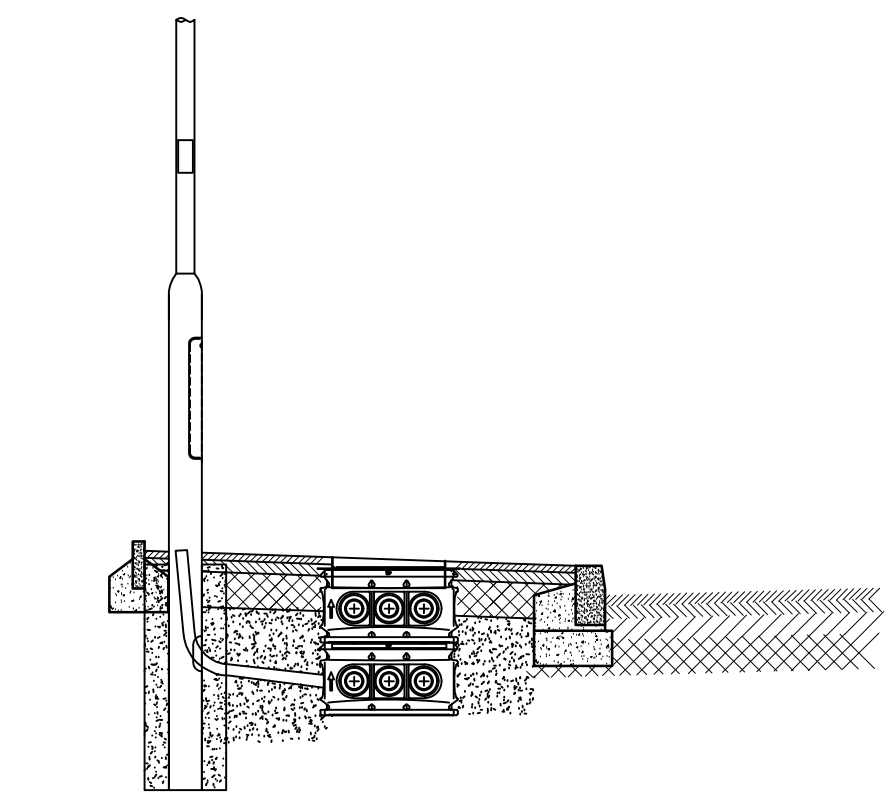
PROPOSED SCHEMATIC WIRING DIAGRAM
COLUMN 15

EXISTING INCOMING SINGLE PHASE AND NEUTRAL 25AMP DNO CONNECTION



- PROPOSED WIRING SCHEMATIC KEY
- PROPOSED COLUMN REFERENCE
 - PROPOSED TERMINATION REFERENCE
 - EXISTING COLUMN REFERENCE
 - EXISTING TERMINATION REFERENCE
 - PROPOSED INCOMING DNO SERVICE CABLE VIA RED ELBOW DUCT.
 - EXISTING 6mm² 3 CORE PVC/SWA/PVC STREET LIGHTING POWER CABLE.
 - PROPOSED 6mm² 3 CORE PVC/SWA/PVC STREET LIGHTING POWER CABLE.
 - PROPOSED ELECTRICAL EARTH ELECTRODE AND PIT AS PER STANDARD DETAIL CLP 14.50 - EARTH PIT AND ELECTRODE DETAIL.

TYPICAL COLUMN POSITION IN FOOTPATH



FOR DETAILS REFER TO SPECIFIC STANDARD DETAIL DRAWINGS

FOR ALL DUCTING DETAILS REFER TO DRAWING ARC-176A-DWG-0501 AND RMBC STANDARD DETAILS.

FOR CABLE SIZES AND CPD SIZING REFER TO ELECTRICAL SCHEMATIC WIRING DIAGRAM.

PROPOSED STREET LIGHTING KEY

- EXISTING ROAD LIGHTING COLUMN TO REMAIN.
- PROPOSED GALVANISED TUBULAR STEEL ROAD LIGHTING COLUMN OF 6M NOMINAL HEIGHT WITH A PLANTED BASE, HAVING GLASS FLAKE ROOT PROTECTION, AS PER VALMONT STAINTON STANDARD DETAIL DRAWING C4658REV03. POST TOP MOUNTED HOLOPHANE V-MAX II LUMINAIRE UNIT HAVING AN UPWARD TILT OF 0°. AND AN LM6 ALUMINIUM BODY AND CANOPY WITH A 7 PIN NEMA SOCKET INCORPORATING A 10.80KLM OUTPUT LED ARRAY AT 3000K CCT WITH A LUCY ZODION KI COMPATIBLE PHILIPS XITANIUM DALI ENABLED DIMMABLE DRIVER FITTED AND PRE-WIRED BY THE MANUFACTURER, POWERING A LUCY ZODION NB-IOT KI GEN 3 GPS NEMA NODE WITH 7 PIN NEMA SWITCHING ON AT 20 LUX (1:1) AS PER OLDHAM & ROCHDALE SPECIFICATIONS. (VMXII.1.LA113.V2.F4Q1.W082.PT1.T7.LRD.CL9.L007).
- PROPOSED 16MM 3 CORE PVC/SWA/PVC STREET LIGHTING POWER CABLE LAID IN 1 X 100MM DIA. ORANGE STREET LIGHTING DUCT WITHIN FOOTPATH TO INVERT 450MM TO TOP OF DUCTS AS PER RMBC STANDARD DETAILS. (FOR DUCTING AND CHAMBER DRAWING REFER TO ARC-176A-DWG-0501).
- PROPOSED ELECTRICAL EARTH ELECTRODE AND PIT AS PER STANDARD DETAIL CLP 14.50 - EARTH PIT AND ELECTRODE DETAIL.
- PROPOSED 450 X 450MM STREET LIGHTING ACCESS CHAMBER AS PER CLP STANDARD DETAIL DRAWINGS NOS CLP 05.02- CABLE ACCESS CHAMBERS
- CHAMBERS AT COLUMNS/FEEDEER PILLAR SHALL PROVIDE 450 MIN COVER FOR MAIN DUCT ROUTE AND 450MM INTO EACH COLUMN AS PER STANDARD DETAILS CLP 05.02- CABLE ACCESS CHAMBERS
- PROPOSED PRIVATE CABLE NETWORK CONNECTION REQUIRED INCLUDING A DOUBLE POLE CUT OUT POSITIONED IN THE DOOR APERATURE AS PER CLP STANDARD DETAIL DRAWING NUMBERS 14.01 AND 14.02.

ADOPTION NOTES:

- THE STREET LIGHTING INSTALLATION SHALL NOT BE ACCEPTED AS COMPLETE UNTIL:
 - THE STREET LIGHTING ENGINEER HAS RECEIVED AS BUILT DRAWINGS.
 - THE STREET LIGHTING ENGINEER HAS RECEIVED ALL TEST CERTIFICATES, AS SPECIFIED IN THE SPECIFICATION FOR ROAD LIGHTING, ILLUMINATED TRAFFIC SIGNS AND BOLLARDS IN OLDHAM & ROCHDALE.
 - SERVICE DRAWINGS FOR THE AREA HAVE BEEN RECEIVED.
- THE INSTALLATION HAS BEEN INSPECTED FOR;
 - COMPLIANCE WITH THE DESIGN SPECIFICATION AND HAS BEEN INSTALLED IN ACCORDANCE WITH THE SPECIFICATION FOR ROAD LIGHTING, ILLUMINATE TRAFFIC SIGNS AND BOLLARDS IN OLDHAM & ROCHDALE.
 - THROUGH A NIGHT TIME INSPECTION, OBSERVED AS BEING FULLY OPERATIONAL.
 - ANY OUTSTANDING REMEDIAL WORKS HAVE BEEN COMPLETED.
- THE DEVELOPER IS RESPONSIBLE FOR ALL ENERGY CONSUMED BY ILLUMINATED STREET FURNITURE UNTIL THE DEVELOPMENT HAS BEEN ACCEPTED UNDER PART B OF THE STREET LIGHTING PFI SCHEDULE 15 ACCRUAL AND DE-ACCRUALS. AT THIS POINT THE AUTHORITY WILL ACCEPT RESPONSIBILITY FOR THE ENERGY CHARGES..
- FINAL ADOPTION OF THE DEVELOPMENT TAKES PLACE FOLLOWING THE SATISFACTORY INSPECTION OF THE SITE INCLUDING:-
 - A FINAL INSPECTION OF THE LIGHTING INSTALLATION; AND
 - NIGHT TIME INSPECTIONS TO CONFIRM ALL LIGHTING UNITS ARE OPERATIONAL.

02	04/26	FOR CONSTRUCTION	PJB
01	03/26	FOR COMMENTS/COSTING	PJB
Issue	Date	Revision	Initial



Title			
COWM TOP, ROCHDALE SECTION 278 PROPOSED STREET LIGHTING LAYOUT 1 OF 1			
Scale 1:500@A1 / 1:1000@A3			
Drawn	PJB	Date	03/2026
Traced	PJB	Date	03/2026
Approved	AS	Date	03/2026
Issued	02	Date	04/2026
Project Code.		APPROVED - FOR CONSTRUCTION	
ARC-170			

ARC-176A-DWG-1301