



ELECTRICAL:

Incoming supply: DNO
 Operating voltage Uo: 230V AC
 Design current Ib: 25A
 Earth: TN-C-S

LEGEND:

- 01 DNO incoming cable (by others)
- 02 Connection to earth rod if required (by others)
- 03 Earth bonds to pillar body & doors
- 04 Earth bonding terminal block
- 05 Plastic engraved label safety electrical connection - do not remove
- 06 DNO small 25A rated SP&N cut-out (by others)
- 07 Plastic engraved label danger 230V AC
- 08 Pre-wired D/I tails 6mm² & CPC 6mm² by 500mm long
- 09 Fully treated plywood backboard
- 10 Charles Endirect lockable safety isolator type L4
- 11 Switch disconnector 32A DP & 2 No. BS88 fuses carriers rated 32A
- 12 E6 Brass gland plate with 3 No. 20mm Holes
- 13 Outgoing cables =< 10mm²

NOTES

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.

INSTALLATION NOTES

ONLY RECOGNISED LIGHTING CONTRACTORS SHALL BE USED FOR STREET LIGHTING AND ILLUMINATED SIGNS & BOLLARDS INSTALLATION WORKS. THEY SHALL BE APPROVED BY THE OVERSEEING ENGINEER. THEY MUST ALSO BE MEMBERS OF ASLEC AND HERS. CURRENT MEMBERSHIP NUMBERS FOR THESE BODIES MUST BE PROVIDED TO THE SUPERVISING AUTHORITY PRIOR TO APPROVAL OF THE PROPOSED LIGHTING CONTRACTOR. THE APPROVED LIGHTING CONTRACTOR SHALL NOT SUB-CONTRACT ANY PART OF THE WORKS.

THE DESIGN IS BASED ON INSTALLATION BEING CONDUCTED BY THE FRAMEWORK CONTRACTOR UNDER WORCESTERSHIRE COUNTY COUNCIL (W.C.C.) STREET LIGHTING AND ILLUMINATED ROAD TRAFFIC SIGNS MAINTENANCE CONTRACT AND NEC X12 CLAUSE.

- 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 2002
 - THE CONSTRUCTION (DESIGN AND MANAGEMENT) (CDM) REGULATIONS 2015

ERECTION AND INSTALLATION WORKS SHALL COMPLY WITH THE CURRENT ISSUE AND AMENDMENTS OF BS7671: 18TH EDITION IET WIRING REGULATIONS 2018 REQUIREMENTS FOR ELECTRICAL INSTALLATIONS, THE CURRENT EDITIONS OF THE IEP CODE OF PRACTICE FOR ELECTRICAL SAFETY IN PUBLIC LIGHTING OPERATIONS AND THE CODE OF PRACTICE FOR THE ERECTION OF STREET LIGHTING PUBLISHED BY THE ASSOCIATION OF STREET LIGHTING ELECTRICAL CONTRACTORS.

ALL MATERIALS AND EQUIPMENT SHALL COMPLY WITH W.C.C. SPECIFICATION. ANY MATERIALS OR EQUIPMENT PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO W.C.C. FOR APPROVAL BEFORE ANY PURCHASE AGREEMENT IS ENTERED INTO.

EXACT LOCATION OF UNITS TO BE AGREED WITH W.C.C. REPRESENTATIVE BEFORE INSTALLATION.

THIS STANDARD DETAIL CONSTITUTES A GENERAL EXAMPLE ARRANGEMENT AND IS FOR INFORMATION/GUIDANCE ONLY. ALL EQUIPMENT SHOULD BE DESIGNED TO SUIT THE INDIVIDUAL REQUIREMENTS OF THE PROJECT IN QUESTION. THIS INCLUDES DESIGN DETAILS SUCH AS, BUT NOT LIMITED TO, FEEDER PILLAR SIZE, CIRCUIT DESIGN, COLUMN DOOR HEIGHT, DUCT ARRANGEMENT ETC

P01	27/03/2023	FOR COMMENT AND REVIEW	WH	NO	SS	TB
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd

JACOBS

7th FLOOR, 2 COLMORE SQUARE, 38 COLMORE CIRCUS
 QUEENSWAY, BIRMINGHAM, B4 6BN
 Tel: +44(0)121 237 4000 www.jacobs.com



Client
 Project
 WCC
 STANDARD DETAILS

Drawing title
 MINI FEEDER PILLAR
 STANDARD DETAIL
 SHEET 2 OF 3

Drawing status
 FOR REVIEW AND COMMENT

Scale
 1:20 @ A1
 DO NOT SCALE

Jacobs No. B2367205 A.CS.OE.NA.40
 Client no. WCC
 Rev P01

Drawing number
 B2367205-SD-DR-HEL-1402.2

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