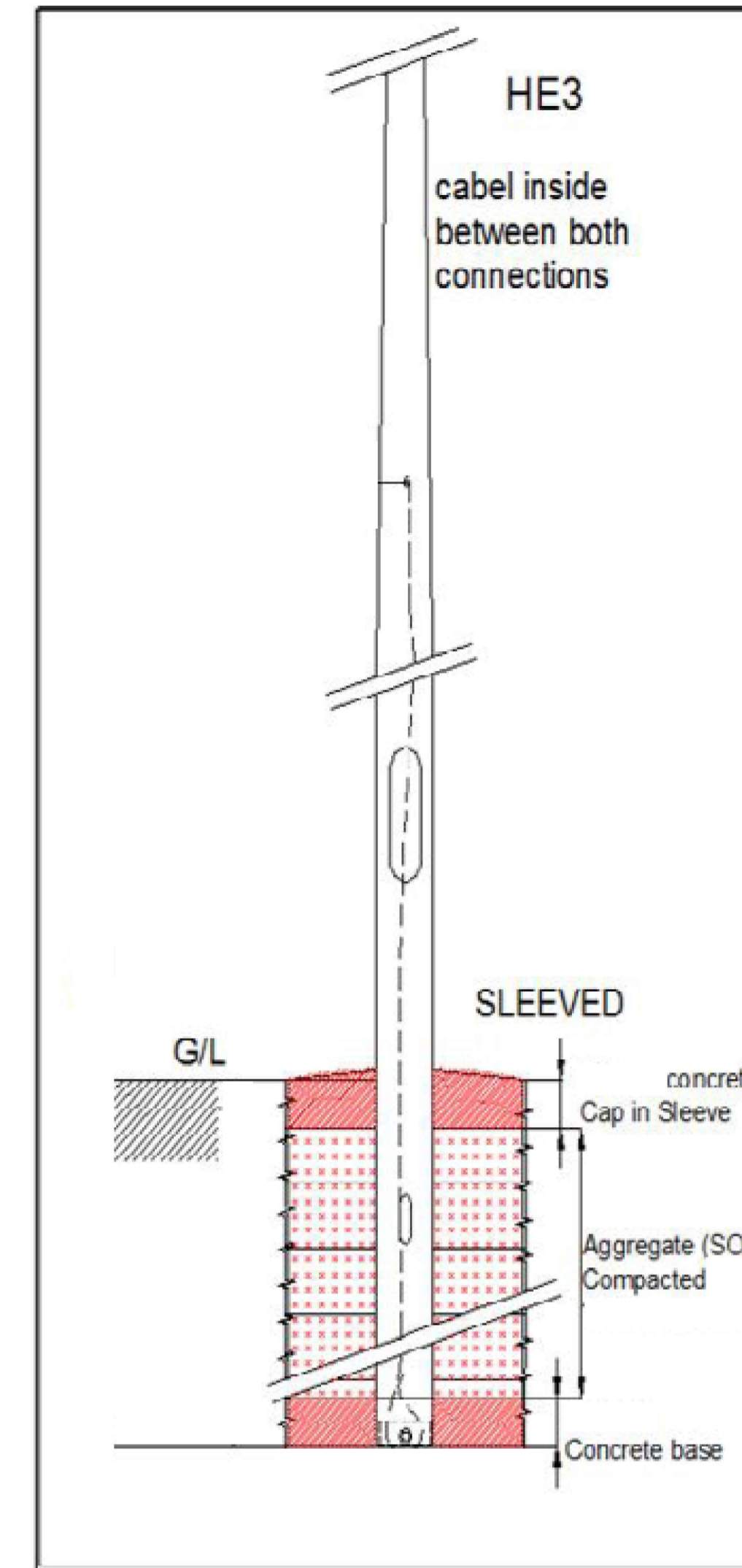
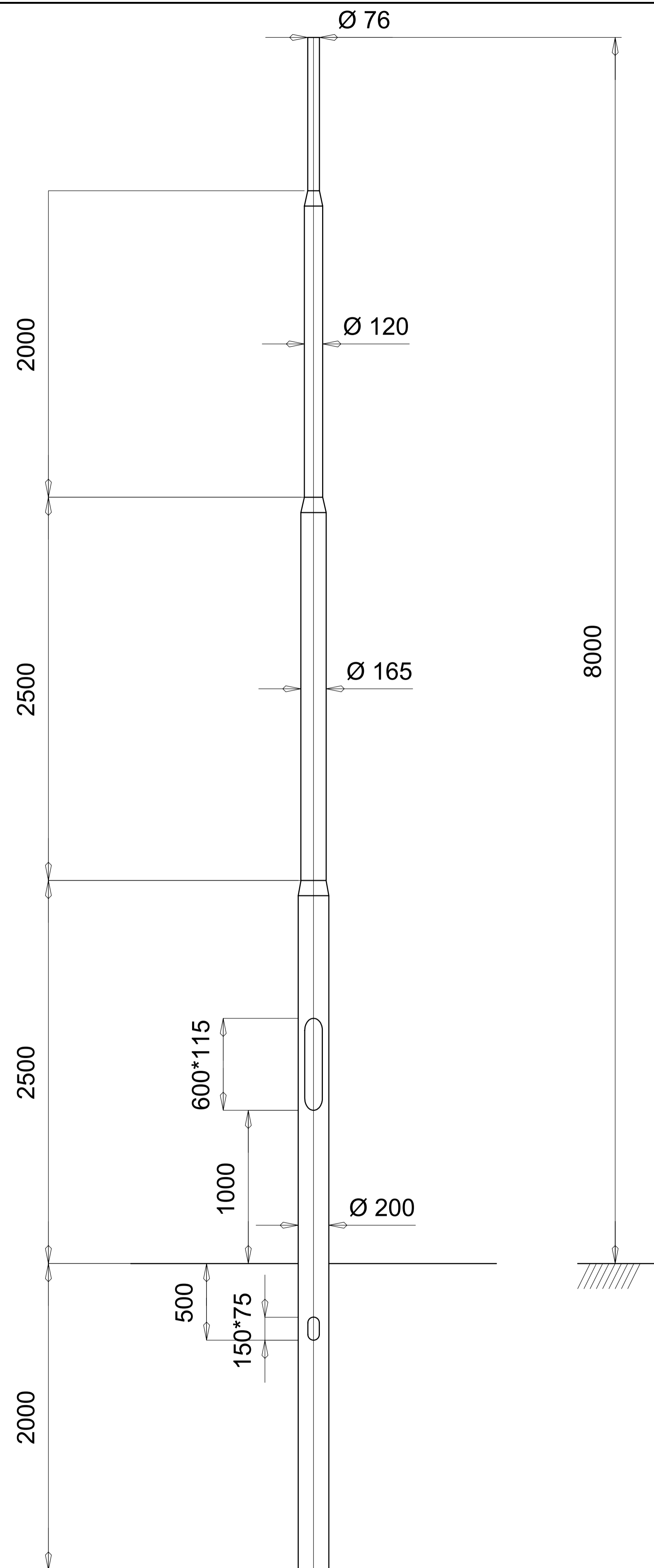


I:\work\p011\Transportation\Technology\WCC Standard Details\Drawings\Aluminium column details\Passive Safety Aluminium Columns.dwg - 10/01/2025 15:59:06 - 1308 8m Column - KWESID



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 I.P. 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.

USE OF OUTREACH BRACKETS ON W.C.C. SPECIFICATION COLUMNS SHOULD BE APPROVED BY W.C.C. PRIOR TO INSTALLATION.

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

STANDARD SPECIFICATION

- MACHINE BRUSHED FINISH
- EARTH BOLT (INTERGRAL) IN DOOR EARTH BOLT (BASE COMPARTMENT) SECURED BY A2 S/S M8 X 30 BOLT, NUT & LOCKING WASHERS
- HARDWOOD BACKBOARD SECURED BY A2 S/S M6 SCREWS
- FLUSH FITTING DOOR WITH DUAL TAMPERPROOF DOOR LOCKS
- THERMOPLASTIC ROOT PROTECTION
- COLUMN BASE PROTECTOR
- CABLE ENTRY PROTECTOR
- TYPE 5 PRESSED STRESS INNER TUBE

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

Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Appr'd
P01	20/02/2023	FOR COMMENT AND REVIEW	NI	SW	SS	TB

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

Client
worcestershire
 county council

Project
 WCC
 STANDARD DETAILS

Drawing title
**ALUMINIUM 8m
 HE PASSIVE SAFETY COLUMN
 STANDARD DETAIL**

Drawing status
FOR REVIEW AND COMMENT

Scale	1:500 @ A1	DO NOT SCALE
Jacobs No.	B2367205 A.CS.OE.NA.40	Rev
Client no.	WCC	P01

Drawing number
B2367205-SD-DR-HLG-1308

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