

LEGEND:

- ACTIVE (RED)
- - - NEUTRAL (BLACK)
- - - EARTH

SINGLE OUTREACH CONTROLLER ITEM NUMBER: 504671
 DOUBLE OUTREACH CONTROLLER ITEM NUMBER: 504672

NOTES:

1. DIAGRAM SHOWS ARRANGEMENT FOR 18M COLUMNS.
2. FOR SINGLE LAMP APPLICATIONS FIT ONE CIRCUIT BREAKER AT POSITION 1.
3. FOR DOUBLE LAMP APPLICATIONS FIT TWO CIRCUIT BREAKERS AT POSITIONS 1 & 2.
4. FOR ADDITIONAL MAINS TEE OFF, CONNECT 25sqmm CABLES (ACTIVE AND NEUTRAL) TO TOP SIDE OF TERMINAL LINK BLOCK.
5. 25sqmm MAINS SHALL BE TERMINATED TO 16SQMM WITHIN THE COLUMN USING COPPER CONNECTIONS ANDS THICK WALLED HEAT SHRINK.
6. ALL CRIMP CONNECTIONS SHALL BE DONE AS PER S02-02-02-10.
7. ALL NEUTRALS SHALL BE TAILED WITH ITEM 5 USING 3 WAY TERMINAL BLOCK 50sqmm (CABAC TB503).
8. ALL CABLES SHALL HAVE DESTINATION TAG WITH TAGS SECURED TO THE CABLE WITH NYLON CABLE TIES.
9. WHERE CABLE PITS ARE USED EARTH JOINT USING 35 / 35 'C' CRIMP IS ALLOWED

CABLE SIZES:

INCOMING & OUTGOING MAINS -
 25sqmm (35sqmm EARTH)

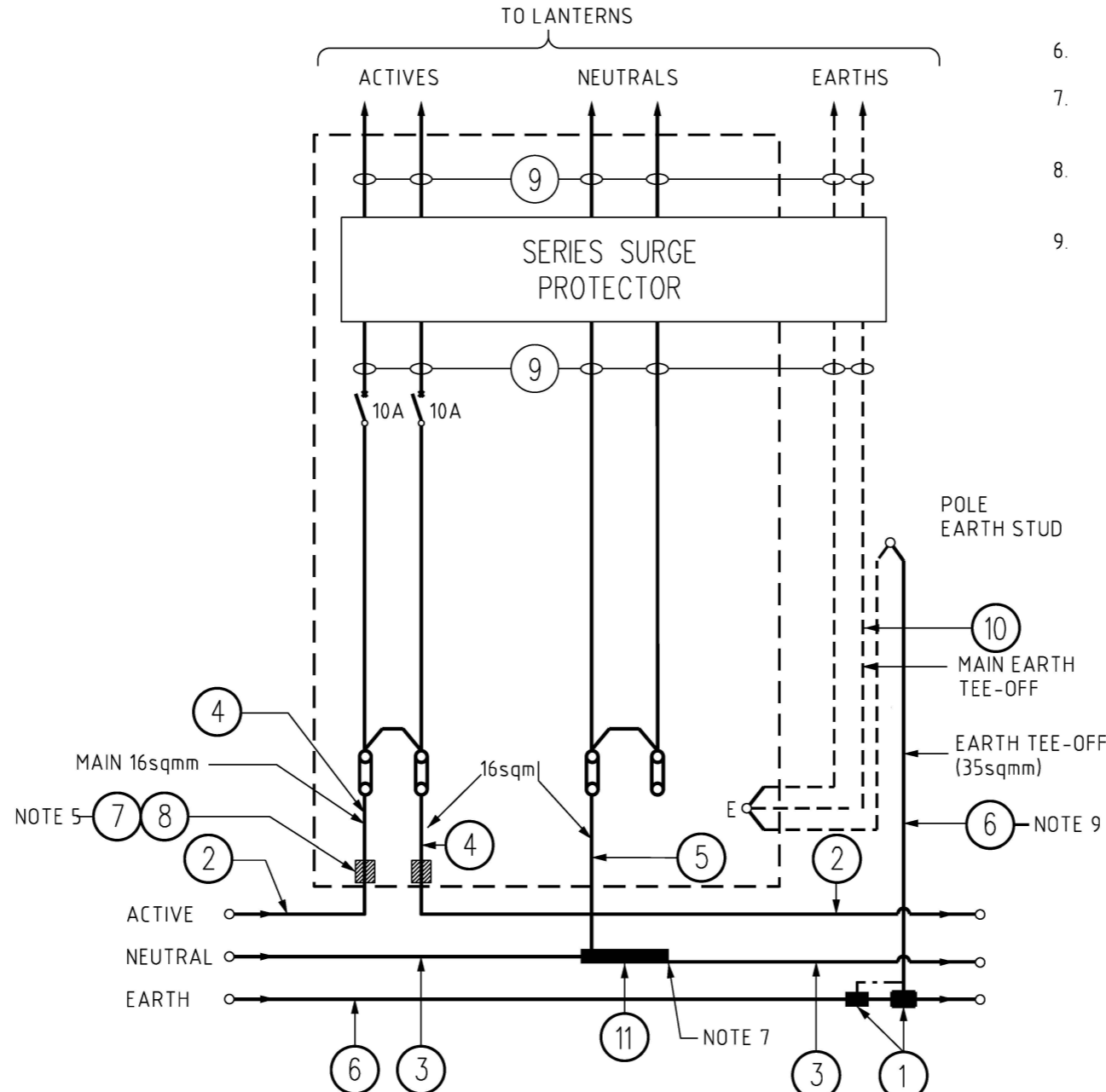
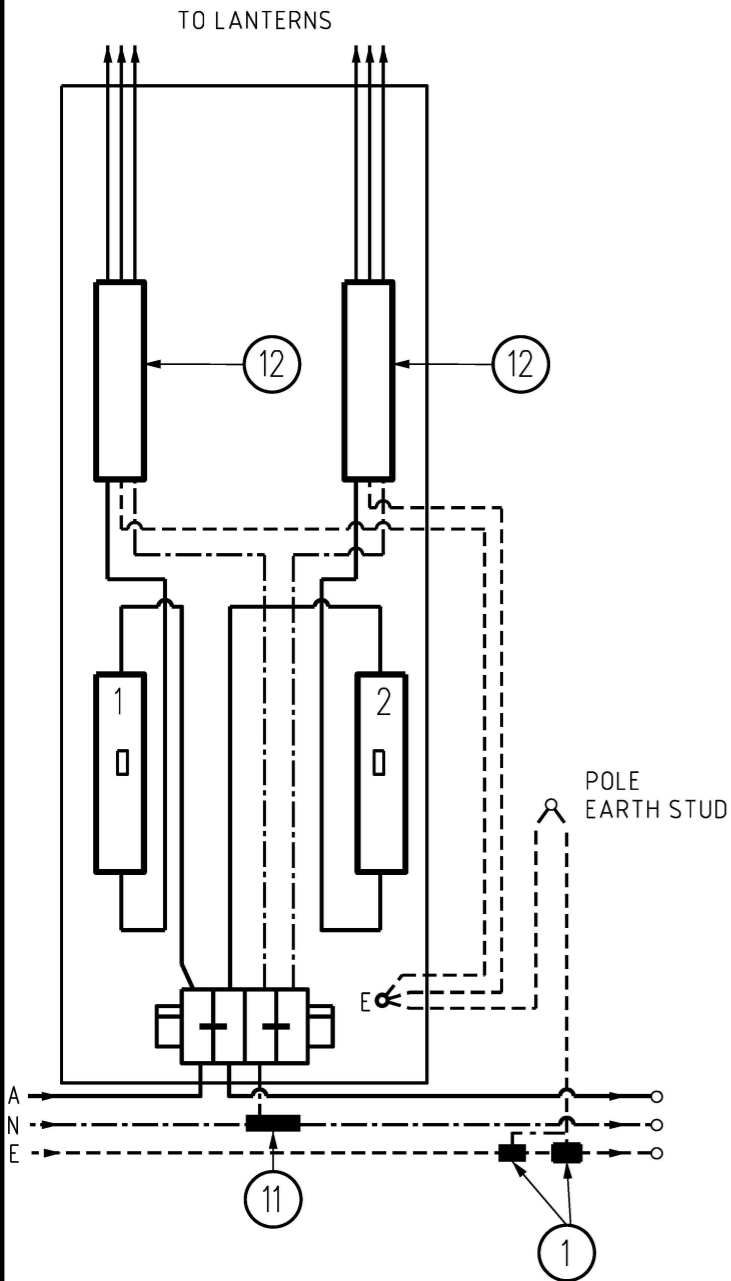
LANTERN CABLE - FROM TERMINAL LINKS
 THROUGH TO LANTERN, REFER S02-01-01-14
 4sqmm TWIN/ECC
 RED - ACTIVE
 BLACK - NEUTRAL
 YELLOW/GREEN - EARTH

MAIN EARTH TEE OFF -
 6sqmm GREEN/YELLOW



ITEM 11 REFER NOTE 7

TO BE READ IN CONJUNCTION WITH
 CONSTRUCTION DRG No. S03-01-05-12



ITEM REF.	QTY.	ITEM NUMBER	DESCRIPTION	DRAWING REF.
12	AR	503737	SERIES SURGE ARRESTER 16A	-
11	1	502906	TERMINAL BLOCK 3x50sqmm & 2x16sqmm	-
10	AR	2774	CABLE 6sqmm Cu/PVC G/Y	S02-01-01-23
9	AR	2733	4sqmm TWIN/ECC CABLE	S02-01-01-14
8	AR	3202	HEATSHRINK TO SUIT Cu SPLICE	S02-01-02-15
7	2	401453	16-25sqmm Cu COMPRESSION SPLICE	S02-01-02-23
6	AR	9829	35sqmm Cu BARE EARTH	S01-01-05-05
5	AR	1636	CABLE 16sqmm Cu/PVC BLACK	S02-01-01-23
4	AR	1644	CABLE 16sqmm Cu/PVC RED	S02-01-01-23
3	AR	9456	CABLE 25sqmm Cu/XLPE/NYL/MDPE BLACK	S02-01-01-20
2	AR	9449	CABLE 25sqmm Cu/XLPE/NYL/MDPE RED	S02-01-01-20
1	2	406821	35-35sqmm COMPRESSION CRIMP 'C' PROFILE	S01-01-05-08

MATERIALS LIST

NO	DESCRIPTION	DRN	DATE	CKD	APPD
4	REFORMATTED NOTES AND TABLE. UPDATED ITEMS 7, 8, 11 & 12.	A.N.	AUG'21	A.N.	B.V.
3	TITLEBLOCK & DRAWING NUMBERS FORMATTED	K.T.	FEB'19	C.C.	C.C.
2	EXTRA EARTH CRIMP & NOTE 9 ADDED	C.C.	AUG'17	I.B.	B.C.
1	NOTE 7 AMENDED, NEUTRAL CONNECTION ARRANGEMENT AMENDED	I.B.	FEB'17	I.B.	B.V.
0	NEW DWG GENERATED	K.T.	MAY'16	I.B.	B.C.



DES	B.C.	POWER STANDARD DRAWING		
DRN	K.T.	CONTROL DATA SWITCH PACK WIRING DIAGRAM - LED STREETLIGHT		
CKD	B.C.			
APPD	...			
SCALE	NTS			
ISSUED	..	A3	DRAWING NUMBER	S03-01-05-18
ALL DIM. IN mm				
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		AMDT