

SHOWING UPPER LANTERN SUPPORT BRACKET CASTING ONLY WITH ALL OTHER PARTS DELETED FOR CLARITY

14 FINIAL CAP TO BE SECURED ON OPPOSITE SIDE ALSO

4

7 10 11

8 AREA UNDER ITEM 8 TO BE FREE OF PAINT

Ø OF M6 TAPPED HOLE FOR SECURING FINIAL CAP

WELDED TO ITEM 13 (SEE NOTE 2)

1

SEE NOTE 2

13

9

5

2 3 12 IN 4 PLACES

5 9 14

15

16

WELD RAILS TOGETHER (SEE NOTE 2)

17

368 MAX

NOTE X

THE EXPOSED THREADED LENGTH (DIMENSION 'A') OF THE BOLT (ITEM 2) SHALL BE NOT LESS THAN 32mm & NOT MORE THAN 35mm

50 +0 -1

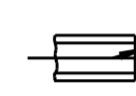
27

A

ELEVATION

ALL DIMENSIONS IN MILLIMETRES

NOTES

- ALL ZINC PLATED ITEMS ARE TO BE PASSIVATED.
- ITEM 13 TO BE WELDED TO TWO ITEMS 1. ALL WELDS TO BE FREE OF SCALE, GROUND SMOOTH THEN ZINC PLATED AND PASSIVATED. ALL THE EXPOSED EDGES OF ITEM 13 ARE TO BE ROUNDED OFF. THE EDGES TO BE R1 MIN AND CORNERS TO BE R3 MIN TO PREVENT CABLE INSULATION DAMAGE.
- INTERNAL DIA OF UPPER LANTERN SUPPORT BRACKET (ITEM 15) IS TO SUIT GALVANISED 114.3mm OUTSIDE DIAMETER CIRCULAR HOLLOW SECTION TO AS1163.
- ASSEMBLIES (COMPRISING OF ITEMS 1-17 INCLUSIVE) SHALL BE INDIVIDUALLY BOXED COMPLETE WITH ALL SCREWS, NUTS & WASHERS, READY FOR FIELD USE.
- TOLERANCES: LINEAR ± 1 ANGULAR $\pm 1^\circ$
- FINISH OF ITEM 15: MATERIAL TO BE THOROUGHLY CLEANED, ETCHED, ALUMINIUM CHROMATED AND DRIED BEFORE THE APPLICATION OF A POLYESTER-POWDER COATING OF 60um MINIMUM THICKNESS - (DULUX) SATIN SILVER COLOUR.
- UNLESS OTHERWISE INDICATED, ALL THREADS TO BE THROUGH FULL THICKNESS OF MATERIAL
- ALL EQUIPMENT MUST COMPLY WITH AS 2339 "TRAFFIC SIGNAL POST & ATTACHMENTS".
- MANUFACTURERS IDENTIFICATION AND DATE OF MANUFACTURE SHALL BE MARKED ON THE CASTING (ITEM 15) CLEARLY, INDELIBLY AND WEATHER RESISTANT.
- AN APPROVED ANTI-SEIZE COMPOUND CONTAINING ZINC DUST SHALL BE APPLIED TO ALL TAPPED HOLES IN THE CASTING.
- ITEM 6, M6 SET SCREW, END TO BE ROUNDED, THUS:  R5 APPROX ONLY
- ITEM 15 SHALL BE CAPABLE OF WITHSTANDING THE IMPACT TEST SHOWN ON DWG VM411-61.
- POST TOP ASSEMBLIES TO BE INDIVIDUALLY PACKED FOR PROTECTION IN TRANSPORT AND CLEARLY MARKED EXTERNALLY WITH: (a) DESCRIPTION OF CONTENTS (b) MANUFACTURERS IDENTIFICATION (c) RTA ORDER NO (d) RTA CAT NO 70021269
- ITEM 17 SHALL BE AT LEAST 450 mm LONG AND 300 mm WIDE. THE THICKNESS OF ITEM 17 SHALL BE AT LEAST 50 μ m.

ITEM	DESCRIPTION	MATERIAL/DRAWING NUMBER	FINISH	QTY	REMARKS
17	PLASTIC BAG 50 μ m	HD PLASTIC	FLAT	1	REFER NOTE 4,14
16	FINIAL CAP	DRG VM213-1	AS PER PLAN	1	
15	UPPER LANTERN SUPPORT BRACKET	AL ALLOY TO AS1874 (SEE NOTE 9)	REFER NOTE 6	1	REF NOTE 3,6,7,12
14	CLAMP	DWG VM200-21	AS PER PLAN	6	
13	TERMINAL ASSEMBLY MOUNTING BRACKET	MILD STEEL	ZINC PLATE & PASS	1	REFER NOTE 2
12	FLAT WASHER M12 TO AS1237	MILD STEEL	GALV TO AS1650	8	
11	THIN NUT M6 TO AS1112	STAINLESS STEEL	NATURAL	4	
10	FLAT WASHER M6	STAINLESS STEEL		4	
9	HELICAL SPRING WASHER M6 TO AS1968	STAINLESS STEEL		6	
8	SHAKEPROOF INTERNAL STAR WASHER M6	STAINLESS STEEL		1	
7	THREADED STUD M6 x 45	STAINLESS STEEL		1	
6	HEX HEAD SET SCREW M6 x 35 TO AS1111	STAINLESS STEEL		2	REFER NOTE 11
5	HEX HEAD SET SCREW M6 x 20 TO AS1111	STAINLESS STEEL	6		
4	PAN HEAD SCREW M6 x 20 TO AS1111	STAINLESS STEEL	2		
3	HEX NUT M12 TO AS1112	MILD STEEL	HD GALVANISED	8	GALVANISING IN ACCORDANCE WITH AS1214
2	HEX HEAD SCREW M12 (SEE NOTE 'X') TO AS1111	MILD STEEL		4	
1	TERMINAL BLOCK ASSEMBLY	DRG VM200-31		1	

AD ISSUE 28-05-96
J/J1 TC2482/TC2703
PLAN REDRAWN. KLIPPON
PART NOS UPDATED. IN
NOTE 7 MANUFACTURER
WAS KLIPPON ELECTRIC.
IN NOTE 6 POWDER COAT
MIN THICKNESS ADDED.
ITEM 17 WAS 40 LONG.
QTY ITEMS 20 & 21
WERE 2 & 3 RESPECT.
ITEMS 17, 20 AND 21
WERE BRASS NI PLATED.
SUGGESTED LOCATION OF
MAKERS MARKING ADDED.
RVC BWT

AE ISSUE 16-02-2007
TOP ASSY ELEVATION VIEW
REVISED. DELETED REF TO
KLIPPON & UTILUX.
ADDED 12 mm MIN DIM
BETWEEN EARTH STUD &
TERMS. DELETED NOTES 7
& 15 AND RENOVED.
ADDED ITEM 17 (PLASTIC
BAG) & NOTE 14.
IH BWT

AF ISSUE 16-06-2008
TERMINALS D7 & D8
DELETED. TERMINALS
15-29 RAISED TO SUIT.
12 mm MIN DIMENSION
DELETED.
IH BWT

REFERENCE DRAWINGS
DRAWN LP 25-01-83
CHECKED RB 17-06-83
PASSED BT 10-02-83
APPROVED
F.R. HULSCHER
DATE 13-07-83

LOWER MTG BRACKET VM200-14
IMPACT TEST VM411-61
CLAMP VM200-21
FINIAL VM213-1
TERMINAL BLK ASS'Y VM200-31

SUPPLY CAT NO
70021269

ROADS AND TRAFFIC AUTHORITY NSW
TRAFFIC SIGNALS

SHEET SIZE A2

FILE NO

SCALE

SHEET NO

TOP ASSEMBLY
TRAFFIC SIGNAL POST

SUPERSEDES ISSUE AC

ISSUE AD AE AF

REG NO VM200-15