

VALVE IN PARKING LANE PARKING LANE V 50 ROAD C/L 1300 V VALVE IN ROADWAY VALVE IN FOOTPATH **DETAIL 6**

TABLE 1: ROAD HEIRARCHY CLASSIFICATION

| TMR - STATE CONTROLLED ROADS | 1 | THERMAL ROAD MARKER |
|---------------------------------|---|---------------------|
| HIGHWAY | 1 | THERMAL ROAD MARKER |
| ARTERIAL | 1 | THERMAL ROAD MARKER |
| ARTERIAL MAIN STREET | 1 | THERMAL ROAD MARKER |
| TRAFFIC DISTRIBUTOR | 2 | THERMAL ROAD MARKER |
| CONTROLLED DISTRIBUTOR | 2 | THERMAL ROAD MARKER |
| SUB ARTERIAL MAIN STREET | 2 | THERMAL ROAD MARKER |
| MAJOR COLLECTOR | 3 | THERMAL ROAD MARKER |
| MINOR COLLECTOR | 3 | THERMAL ROAD MARKER |
| ACCESS STREET | 4 | PAINTED ROAD MARKER |
| ACCESS PLACE | 4 | PAINTED ROAD MARKER |
| LANEWAY | 5 | PAINTED ROAD MARKER |
| PRIVATE | 5 | PAINTED ROAD MARKER |
| | | |

COLOUR PALETTE as per AS 2700 : REFER NOTE 14

RED: VALVE: IN NORMAL OPERATIONS (R13, R14, or R15) YELLOW: FIRE HYDRANTS (Y12 or Y14)

BLUE: VALVE: ISOLATED: TO REMAIN CLOSED WHITE: VALVE: DMA: ISOLATED (Y35)

ORANGE: DIALYSIS: IN OPEN POSITION

PURPLE: VALVE: NON TREATED WATER or SEWER

NOTES

- 1. ROAD MARKING PAINT SHALL BE DTMR APPROVED REFLECTIVE PAINT, INCORPORATING APPLIED REFLECTIVE GLASS BEADS, MANUFACTURED TO THE REQUIREMENTS OF DTMR. THE PAINT COLOUR SHALL BE AS PER COLOUR PALETTE. REFLECTIVE GLASS BEADS TO BE DUSTED OVER THE PAINTED OR THERMAL AREA ONCE APPLIED TO THE ROAD.
- 2. ROADS WITH PRIORITY 1, 2 & 3 ARE TO HAVE RED THERMAL DIRECTIONAL ARROW & WHITE VALVE SURROUND AS PER DETAIL 2 & 3
- 3. ROADS WITH PRIORITY 4 & 5 ARE TO HAVE RED PAINTED DIRECTIONAL ARROW & WHITE VALVE SURROUND AS PER DETAIL 2 & 3.
- 4. REFER TO TABLE 1: ROAD HIERARCHY CLASSIFICATION.
- 5. RRPM & DIRECTIONAL ARROWS WILL BE LOCATED CLEAR OF THE PARKING LANE AND POSITIONED IN THE RUNNING LANE, SO THAT TYRE WEAR IS MINIMISED.
- 6. FOR MRC ROADS, RED RAISED REFLECTIVE (RRPM, TYPE A1) VALVE MARKERS SHALL BE IN ACCORDANCE WITH AS1906.3. THE RED REFLECTOR SHALL FACE THE DIRECTION OF APPROACHING TRAFFIC.
- 7. RAISED REFLECTIVE MARKERS (CATS EYES) SHALL BE INSTALLED USING TAR PATCH.
- 8. FOR STATE CONTROLLED ROADS, RED RAISED REFLECTIVE (RRPM) VALVE MARKERS SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- 9. ALL KERB & CHANNEL MARKINGS SHALL BE PAINTED, AND REFLECTIVE GLASS BEADS APPLIED, USING DTMR APPROVED LINE MARKING PAINT AND COLOUR CODED AS PER COLOUR PALETTE BELOW & NOTE 14.
- 10. THE SURFACE AREA TO BE MARKED MUST BE DRY & FREE OF DIRT. GRAVEL, FLAKING PAVEMENT MARKING MATERIAL & OTHER LOOSE OR FOREIGN MATERIAL. ROAD PAVEMENT SHALL BE THOROUGHLY CLEANED PRIOR TO INSTALLATION.
- 11. RED RAISED REFLECTIVE (RRPM) VAVLE MARKERS, KERB PAINT & MARKER POST (IF REQUIRED), ARE TO BE INSTALLED IN LINE WITH THE VALVE AND EACH OTHER AND SQUARE TO THE ROAD. REFER DETAIL 6.
- 12. VALVE LIDS ARE TO BE PAINTED IN "RED LINE MARKING PAINT". REFLECTIVE GLASS BEADS TO BE DUSTED OVER THE PAINTED AREA. 2 COATS OF PAINT & BEADS PER LID.
- 13. KERB & PAVEMENT MARKERS ARE BOTH REQUIRED WHERE INSTALLATION IS POSSIBLE. IN RURAL AREAS A VALVE MARKER POST MUST BE INSTALLED IN ACCORDANCE WITH MRC STD DWG A3-00837
- 14. 6.1.2 PAINT PAINT SHALL BE SUITABLE FOR USE ON ROADS SURFACED WITH A SPRAYED SEAL, HOT AND COLD MIXED ASPHALT AND CONCRETE.
 - : EXCEPT WHERE SPECIFICALLY SHOWN OTHERWISE ON THE DESIGN DOCUMENTS, PAINT SHALL BE WHITE, EQUIVALENT TO OR WHITER THAN Y35, OFF WHITE AS DETAILED IN AS 2700.
 - : WHERE YELLOW PAINT IS SHOWN ON THE DESIGN DOCUMENTS OR OTHERWISE REQUIRED BY THE CONTRACT, THE COLOUR SHALL BE EQUIVALENT TO Y12, WATTLE OR Y14, GOLDEN YELLOW AS DETAILED IN AS2700 OR ANY OTHER COLOUR DEEMED TO LIE BETWEEN THESE TWO COLOURS.
 - : WHERE RED PAINT IS SHOWN ON THE DESIGN DOCUMENTS OR OTHERWISE REQUIRED BY THE CONTRACT, THE COLOUR SHALL BE EQUIVALENT TO R13 SIGNAL RED, R14 WARATAH OR R15 CRIMSON AS DETAILED IN AS 2700. PAINT USED SHALL BE WATER-BORNE ROAD MARKING PAINT CONFORMING TO THE REQUIREMENTS OF AS 4049.3 AND HAVING APPROVAL UNDER THE AUSTRALIAN PAINT APPROVAL SCHEME -SPECIFICATION 0041/5.

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|--------|--------------------------|-------|-----------------|------------------------|---|---------|---|--------------------------------------|-------------------|
| | | | SURVEYED BY | DRAWN | SIGNED | DATE | ASSET OWNER | Digitally signed by Sarah | |
| | | | | SLR | SLRILEY | 01-8-19 | Sarah | Lethbridge | |
| | | | SURVEY FILE No | DESIGNED | SIGNED | DATE | Lethbridge / | Date: 2019.08.05 10:18:40 +10'00' | |
| | | | | CHECKED | SIGNED | DATE | SARAH LETHBRIDGE | DATE | |
| | | | LEVEL DATUM | | | | CERTIFIED | | |
| 01-8-1 | ISSUED FOR APPROVAL | JC | A.H.D. | MANAGER / CO-ORDINATOR | | Sarah | Digitally signed by Sarah Lethbridge | | |
| DATE | DESCRIPTION | APPVD | MERIDIAN / DATE | Jason Cocker | Digitally signed by Jaso Date: 2019.08.05 11:21: | | Lethbridge / | Date: 2019.08.05 10:19:00 +10'00' | IVIacha |
| | AMENDMENTS AND REVISIONS | | MGA 55 | JASON COCKE | R | DATE | SARAH LETHBRIDGE | RPEQ 05775 DATE | REGIONAL COUNCIL |

STANDARD DRAWING **VALVE IDENTIFICATION MARKERS**

| SHEET | 1 | OF | 1 | | | | | |
|---------------|------------|----|--------|--|--|--|--|--|
| WORKS JOB No. | | | | | | | | |
| DRAWING No |) . | | AMEND. | | | | | |

A3-00920