PAVEMENT MARKING DETAILS AT BOLLARD INSTALLATIONS

- **Fixed Bollard Section Details**
- **Retractable / Removable Bollard Section Details**

**NOT TO SCALE**

- **Fixed Bollard Section Details**
  - Y% Golden Yellow Paint
  - Class 1 Reflective White Tape 100mm High
  - Class 1 Reflective Red Tape 300mm High
  - Y% Golden Yellow Paint
  - Concrete Footing

- **Retractable / Removable Bollard Section Details**
  - Y% Golden Yellow Paint
  - Class 1 Reflective White Tape 100mm High
  - Class 1 Reflective Red Tape 300mm High
  - Y% Golden Yellow Paint
  - Concrete Footing as per manufacturer's requirements

**NOT TO SCALE**

**Notes**

1. All diagonal markings to be long life pavement marking material with a skid resistance factor similar to the shared path surface in accordance with MRWA Specification 451.

2. All other pavement markings to be installed in accordance with MRWA Specification 451.

3. Centre line and edge lines 80mm wide.

4. Max clearance between bollards 1.5m.

5. When bollard is retracted it shall be flush with the path surface.

6. All bollard heights are 800mm unless specified otherwise.

7. Retractable bollards to have suitable locking mechanism and to be lowered or removed by specialist equipment only. The use of padlocks is not acceptable.

8. Hazard marking consists of straight lines over 10% except on curves.

9. Pavement markings shown white are suitable when path surface is asphalt (black or red edge) if path surface is grey concrete, then pavement markings should be green.

10. Where retractable bollards can not be used, removable bollards may be installed when bollard is removed, pavement surface shall be flush.

11. All dimensions are in metres unless specified otherwise.