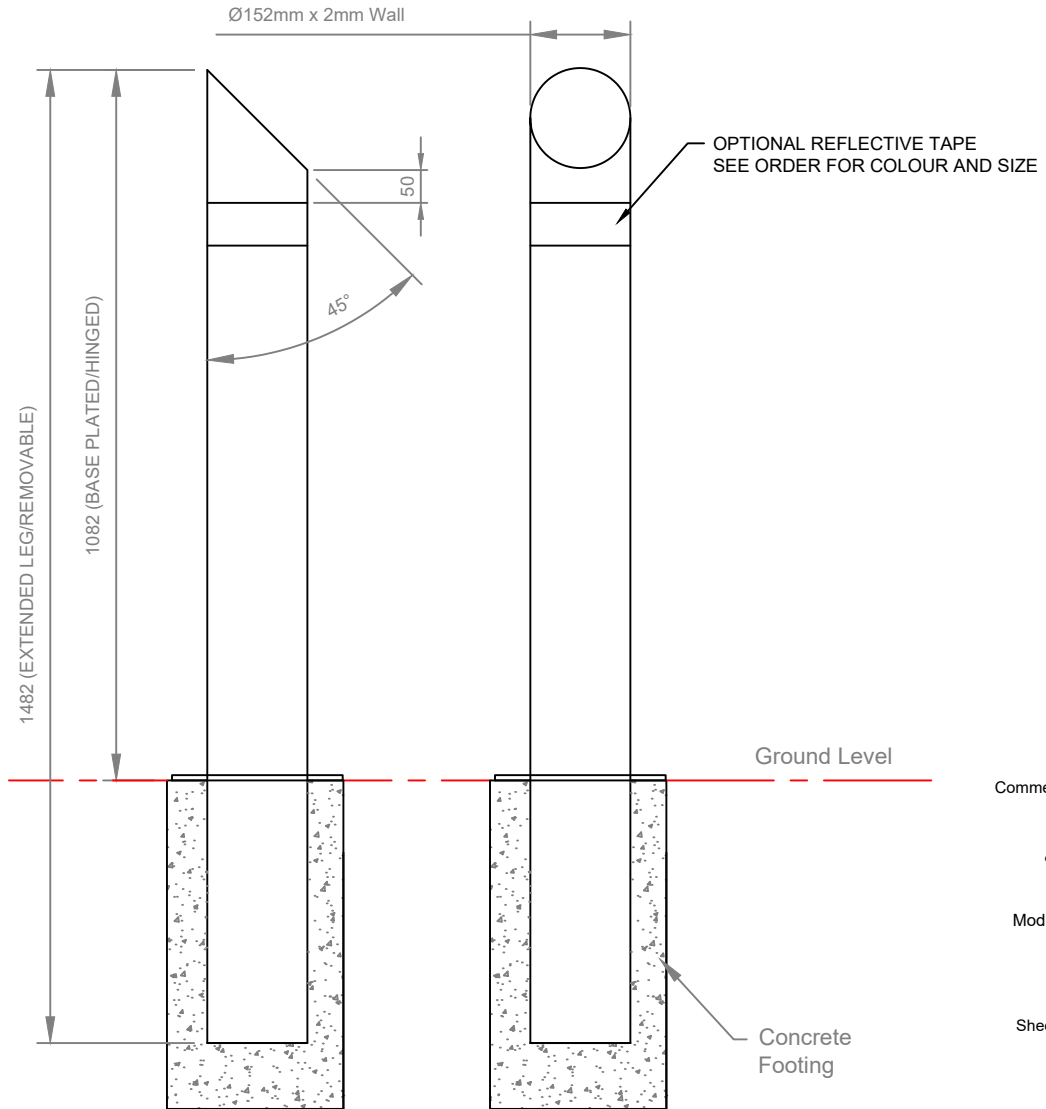
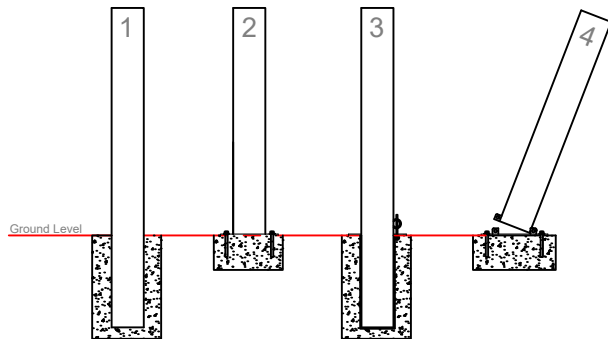


- 01 - Extended Leg
- 02 - Base Plate
- 03 - Removable In-Ground Sleeve
- 04 - Hinged Fold Down



Commercial Systems Australia Pty. Ltd.  
 42 Orchard St, Kilsyth South, VIC  
 phone: (03) 9723 4111  
 fax: (03) 9723 3494  
 email: design@commercialsystems.com.au

Model Code: SB2056  
 Model Description: Elliptical Bollard

**Drawing: CS0516**

Sheet Number: -  
 Sheet Description: Installation details

Drawn By: C. Artemiuro  
 Date Drawn: 21.02.2011

SCALE 1:1

ALL DIMENSIONS IN MILLIMETERS  
 UNLESS OTHERWISE STATED  
 ALL PARTS CENTRED UNLESS SPECIFIED

TOLERANCES

X	+/- 1mm
X.X	+/- 0.5mm
X.XX	+/- 0.05mm

**FIXING OPTIONS**

1. Extended Leg, Extended leg fixed into ground with concrete. Concealed flat bar anchor welded inside base
2. Bolt Fixed, Drill through base and bolt into concrete pad Bolts: 4x M12 x 75mm, zinc plated Dynabolts
3. Removable, In ground sleeve set into the concrete. Bollard locked into the sleeve but can be removed as required.
4. Hinged / Fold Down, Base attached to ground. Bollard is hinged and folds down to allow traffic to pass over.