



- NOTES:**
1. BOLLARDS TO BE SPACED AT 1200-1500
  2. COLOUR TO BE WHITE OR YELLOW AS SPECIFIED TO PROVIDE 30% CONTRAST WITH BACKGROUND WHERE VISIBILITY IS REQUIRED OR BLACK WHERE VISIBILITY IS NOT AN ISSUE.
  3. PROVIDE HEAVY DUTY BOLLARD IN SANDY OR SOFT SUBGRADE OR WHEN REPLACING VANDALISED BOLLARDS
  4. ENERGY ABSORBING SECURITY BOLLARDS TO BE ACCREDITED BY TNSW FOR USE ON CLASSIFIED ROAD
  5. FIBRE CONCRETE TO USE POLYPROPYLENE MACRO FIBRES @ 4KG/M3. FIBRE PROPERTIES: LENGTH 40-50MM; TENSILE STRENGTH > 500 MPa; ASPECT RATIO 50-100 CONFORMING TO EN 14889-2. USE FIBERCON EMESH, BARCHIP MACRO, SIKAFIBER FORCE PP-48 OR APPROVED EQUIVALENT.



<b>CITY OF CANTERBURY BANKSTOWN</b>		STD DWG N°	
<b>STANDARD STEEL BOLLARD</b>		S-237	
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TYPICAL DETAILS			