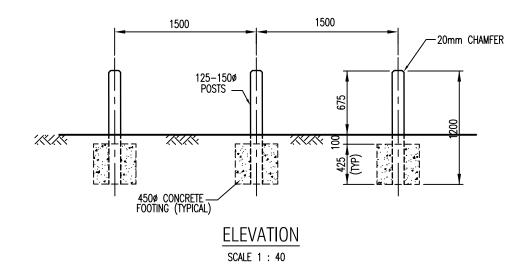
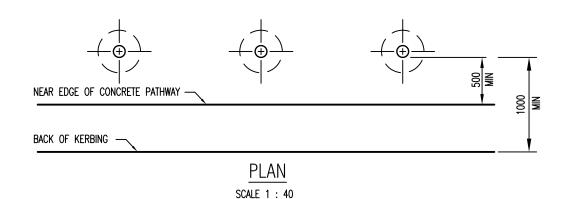


-20mm CHAMFER





BOLLARDS (CONCRETE FOOTING)

1500

125-150ø POSTS - 1500

BOLLARDS

PLAN

SCALE 1: 40

NOTES:

- 1. ALL POSTS SHALL BE TANOLITH TREATED PINE.
- THE DIAMETER OF EACH TIMBER POST SHALL NOT VARY BY MORE THAN 25mm OVER A 2m LENGTH. (OR 12.5mm PER METRE LENGTH)
- . ALL UPRIGHT MEMBERS SHALL BE VERTICAL WITHIN A TOLERANCE OF 1 in 100.
- 4. THE BASE OF FOOTING HOLES SHALL BE ADEQUATELY COMPACTED BY RAMMING.
- . CONCRETE SHALL BE MIXED IN THE PROPORTIONS OF FOUR
 (4) PARTS BY WEIGHT OF CLEAN DUST FREE AGGREGATE
 (NOT EXCEEDING 20mm IN SIZE) PLUS TWO (2) PARTS BY WEIGHT
 OF CLEAN DUST FREE SAND PLUS ONE (1) PART BY WEIGHT OF
 MASONRY CEMENT, WITH WATER CONTENT SUFFICIENT TO ENSURE A
 SLUMP OF NOT MORE THAN 100mm USING THE AUSTRALIAN STANDARD
 SLUMP TEST CONE.
- CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 20 MPa AT 28 DAYS.

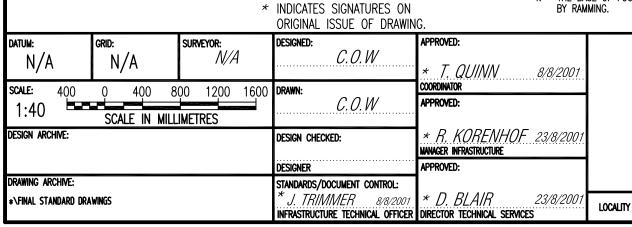
NEAR EDGE OF CONCRETE PATHWAY

BACK OF KERBING

CAUTION:

₩ 120

 THE INSTALLATION OF BOLLARDS SHOULD NOT INTERFERE WITH EXISTING SERVICES INCLUDING STORMWATER DRAINAGE. INSTALLER IS RESPONSIBLE FOR CONTACTING SERVICES AUTHORITIES TO DETERMINE LOCATIONS AND DEPTHS OF SERVICES PRIOR TO BOLLARD INSTALLATION.



FENCING BOLLARDS

CITY OF WANNEROO TECHNICAL SERVICES



INFRASTRUCTURE SERVICES

FILE No.

No

REVISION

ORIGINAL DRG.SIZE

STANDARD

TS 01 - 1 - 1