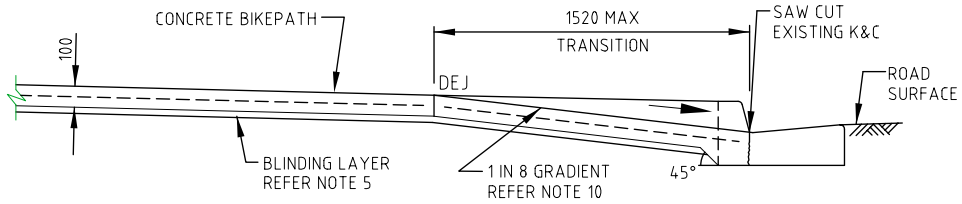
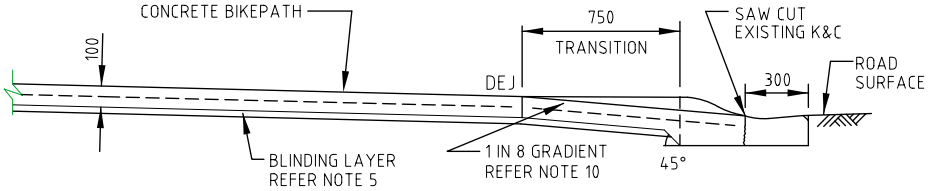
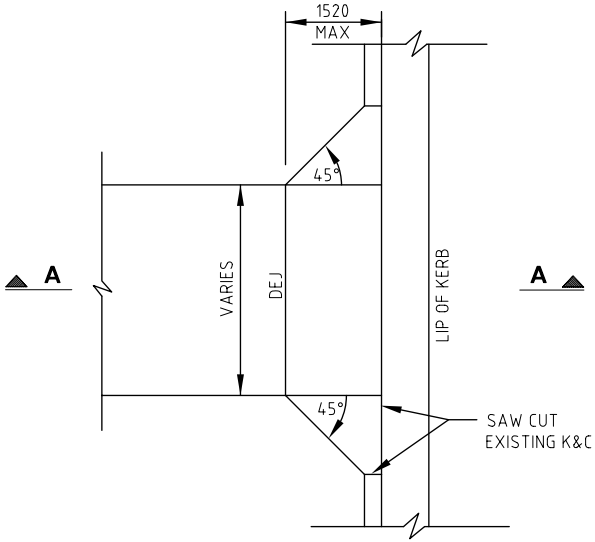


BARRIER KERB AND CHANNEL



ROLL TOP KERB AND CHANNEL

BIKEPATH KERB RAMP SECTIONS A-A

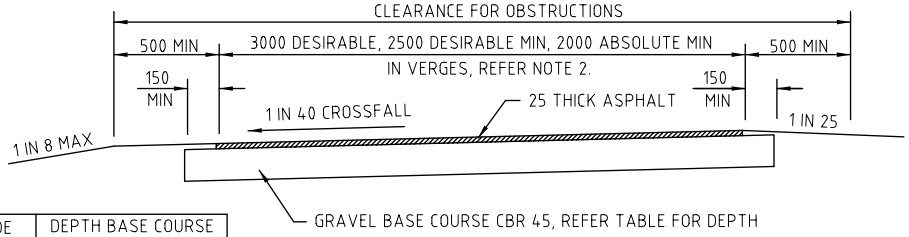


BIKEPATH KERB RAMP PLAN
(BARRIER KERB & CHANNEL SHOWN)

FOOTPATH REINSTATEMENT

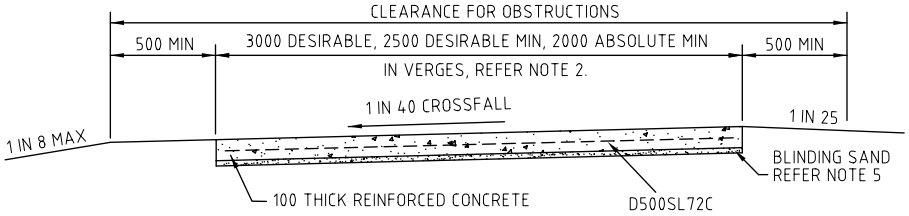
WHEN A CONCRETE FOOTPATH OR BIKEPATH IS TO BE PARTIALLY REMOVED (eg UNDERGROUND UTILITY INSTALLATION) AND THE WIDTH OF THE REMAINING PATH IS LESS THAN 1200mm, THE ENTIRE CONCRETE AREA IS TO BE REMOVED AND REPLACED UPON INSTALLATION OF THE UTILITY.

WHERE THE REMAINING WIDTH IS IN EXCESS OF 1200mm, THE NEW WORK WILL BE CONNECTED BY A DOWELLED JOINT - 300 LONG N12 GALVANISED BARS AT 600 CENTRES, LOCATED CENTRALLY AND CHEMICALLY ANCHORED 150 INTO THE EXISTING CONCRETE.



CBR SUBGRADE	DEPTH BASE COURSE
LESS THAN 3	200
3 - 5	150
GREATER THAN 5	125

ASPHALT SURFACED BIKEPATH



CONCRETE BIKEPATH

NOTES:

1. DESIGN OF BIKE PATHS IS TO COMPLY WITH AUSTROADS - GUIDE TO TRAFFIC ENGINEERING PRACTICE : PART 13 - PEDESTRIANS & PART 14 - BICYCLES.
2. FOR LOCATION OF BIKEPATHS IN VERGES, REFER G.C.C.C. STD. DWG. No. 05-02-005.
   2000 WIDE BIKEPATH IN 4.5m VERGE
   2500 WIDE BIKEPATH IN 6.0m VERGE
3. ASPHALT SURFACED BIKE PATHS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH G.C.C.C. STANDARD SPECIFICATIONS SS3, SS4, SS7 AND SS8.
4. FOR CONCRETE BIKE PATHS, PROOF ROLL SUBGRADE TO 300 BEYOND CONCRETE EDGE. 3 PASSES WITH A CC10 ROLLER (OR EQUIVALENT). NO DEFLECTION ON LAST PASS.
5. MAXIMUM 30 BLINDING LAYER OF SAND.
6. CONCRETE TO BE MINIMUM GRADE N20.
7. PLAIN CONCRETE SURFACES ARE TO BE HEAVY BROOM FINISHED.
8. DOWELLED EXPANSION JOINTS (DEJ) AND CONTROL JOINTS (CJ) ARE TO BE PROVIDED AS SHOWN ON GCCC STD. DWG. No. 05-02-205
9. ALL FINISHED SURFACES SHALL COMPLY WITH THE REQUIREMENTS OF AS3661.1 - SLIP RESISTANCE OF PEDESTRIAN SURFACES.
10. THE RAMP GRADIENT IS TO BE NOT STEEPER THAN 1 IN 8 AND NOT FLATTER THAN 1 IN 8.5 - AS/NZS 1428.4:2002.
11. ALL CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS OF AS 3600, CONCRETE CODE.
12. DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

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APPROVED 19/03/04

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STANDARD DRAWING

CONCRETE FOOTPATHS AND BIKEPATHS (GREATER THAN 1200mm WIDE)

MICROFILMED

STANDARD DRAWING No.
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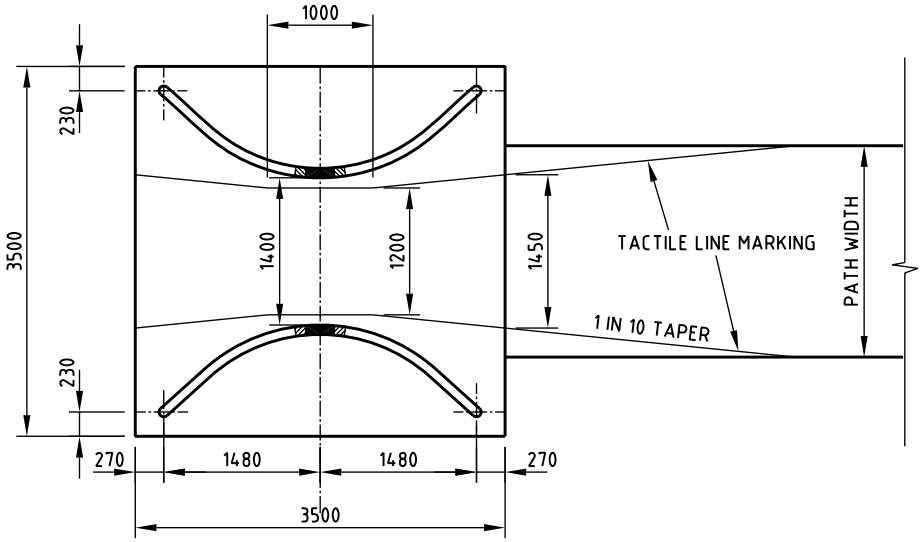
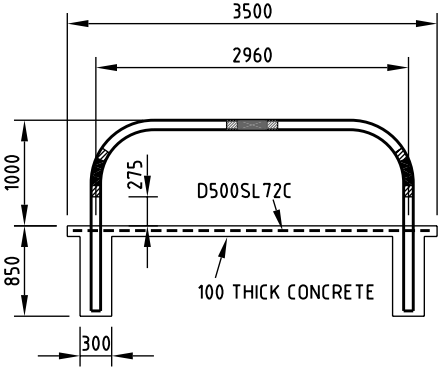


PLAN

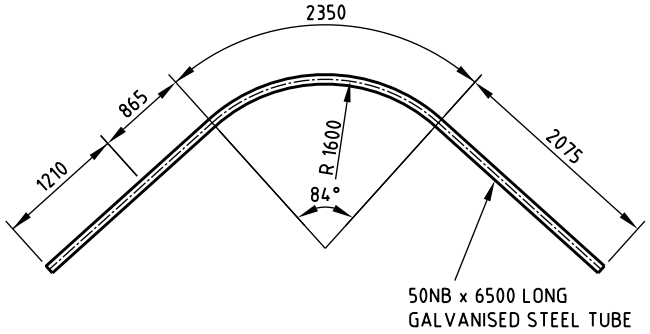


ELEVATION

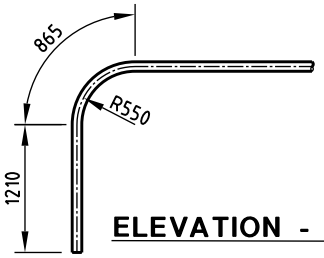
INSTALLATION DETAILS

NOTES:

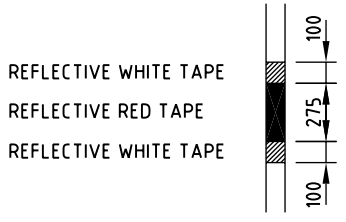
1. CONCRETE FOOTINGS TO BE GRADE N25 (AS 1379)
2. GALVANISED STEEL TUBE TO BE IN ACCORDANCE WITH AS 1163
3. EACH UNIT TO BE FORMED FROM ONE 6.5m LENGTH OF TUBE BY ROLL FORMING ONLY
4. ALL UNITS TO BE GALVANISED AFTER FABRICATION
5. UNITS TO BE FINISHED WITH TWO COATS OF TWO PACK 125 MICRON MINIMUN TOTAL THICKNESS (eg WATTYL PARACRYL OR EQUIVALENT PROCESS). COLOUR TO BE YELLOW
6. REFLECTIVE TAPE TO BE CLASS 2 (AS 1906.1)
7. RAILS TO BE LOCATED IN ACCORDANCE WITH AUSTROADS "GUIDE TO TRAFFIC ENGINEERING PRACTICE PART 14 BICYCLES"
8. DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE



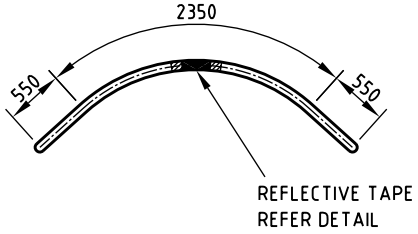
PLAN - BEND 1



ELEVATION - BEND 2



REFLECTIVE TAPE DETAIL



PLAN - AFTER BEND 3

BENDING DETAIL

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STANDARD DRAWING

BICYCLE PATH ENTRANCE DEFLECTION RAIL

MICROFILMED

STANDARD DRAWING No.
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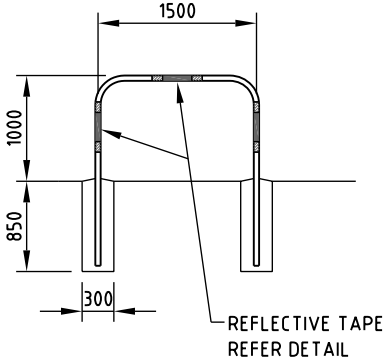
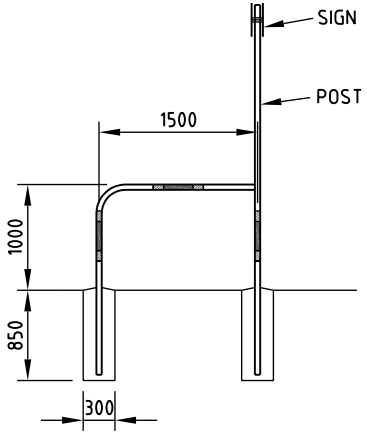


ELEVATION
STAND ALONE



ELEVATION
INCORPORATING SIGN

NOTES:

1. CONCRETE FOOTINGS TO BE GRADE N25 (AS 1379)
2. GALVANISED STEEL TUBE TO BE IN ACCORDANCE WITH AS 1163
3. ALL UNITS TO BE GALVANISED AFTER FABRICATION
4. UNITS TO BE FINISHED WITH TWO COATS OF TWO PACK 125 MICRON MINIMUN TOTAL THICKNESS (eg WATTYL PARACRYL OR EQUIVALENT PROCESS). COLOUR TO BE YELLOW
5. REFLECTIVE TAPE TO BE CLASS 2 (AS 1906.1)
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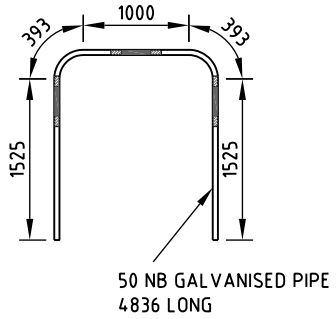

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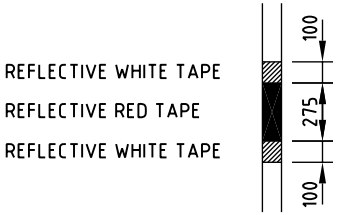

REFLECTIVE TAPE DETAIL

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STANDARD DRAWING

BICYCLE PATH ENTRANCE HOLDING RAIL

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