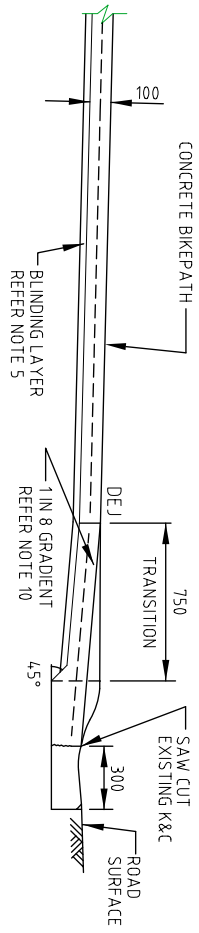
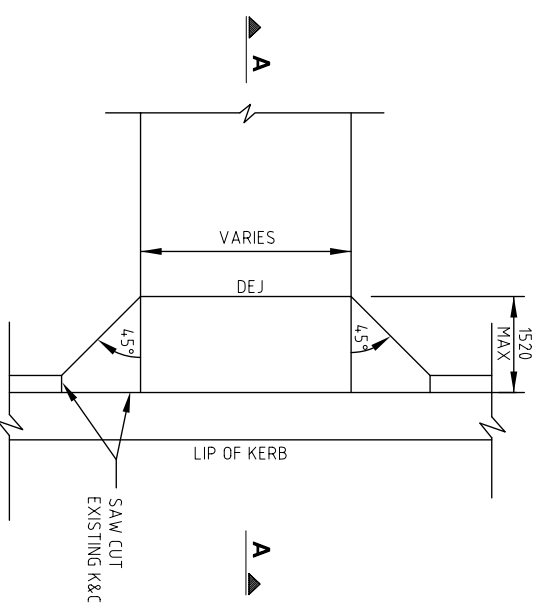


Barrier Kerb and Channel

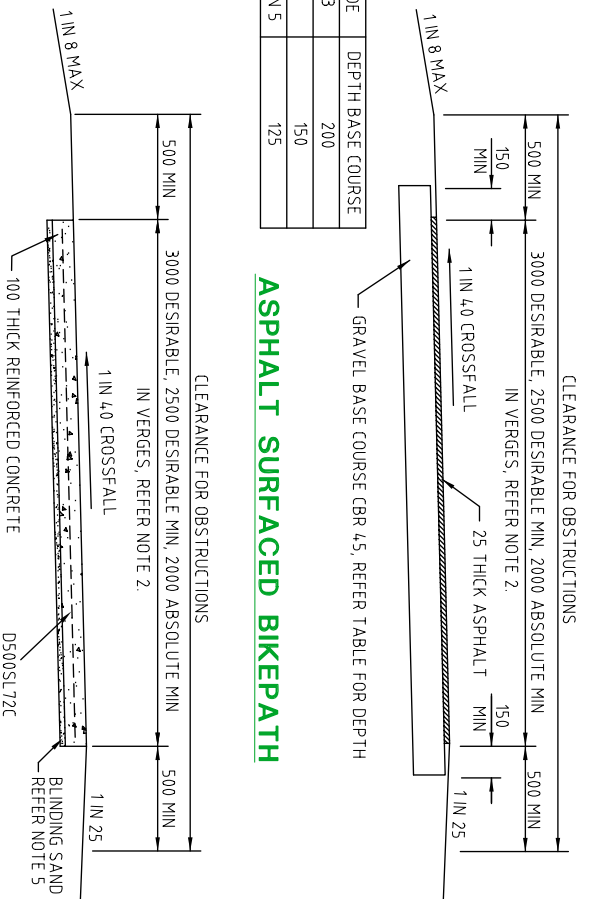


Roll Top Kerb and Ramp Sections A-A



Bikeway Ramp Plan (Barrier Kerb & Channel Shown)

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



Asphalt Surfaced Bikeway

Concrete Bikeway

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 M12 GALVANISED BARS AT 600 CENTRES, LOCATED CENTRALLY AND CHEMICALLY ANCHORED 150 INTO THE EXISTING CONCRETE.

NOTES:

- DESIGN OF BIKE PATHS IS TO COMPLY WITH AUSTRROADS - GUIDE TO TRAFFIC ENGINEERING PRACTICE: PART 13 - PEDESTRIANS & PART 14 - BICYCLES.
- FOR LOCATION OF BIKEPATHS IN VERGES, REFER G.C.C. STD. DWG. No. 05-02-005
- 2000 WIDE BIKEPATH IN 4.5m VERGE
- 2500 WIDE BIKEPATH IN 6.0m VERGE
- ASPHALT SURFACED BIKE PATHS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH G.C.C. STANDARD SPECIFICATIONS SS3, SS4, SS7 AND SS8
- FOR CONCRETE BIKE PATHS, PROOF ROLL SUBGRADE TO 300 BEYOND CONCRETE EDGE. 3 PASSES WITH A C10 ROLLER (OR EQUIVALENT). NO DEFLECTION ON LAST PASS.
- MAXIMUM 30 BLINDING LAYER OF SAND.
- CONCRETE TO BE MINIMUM GRADE N20.
- PLAIN CONCRETE SURFACES ARE TO BE HEAVY BROOM FINISHED.
- DOWELLED EXPANSION JOINTS (DEJ) AND CONTROL JOINTS (CJ) ARE TO BE PROVIDED AS SHOWN ON G.C.C. STD. DWG. No. 05-02-205
- ALL FINISHED SURFACES SHALL COMPLY WITH THE REQUIREMENTS OF AS3661.1 - SLIP RESISTANCE OF PEDESTRIAN SURFACES
- 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
- ALL CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS OF AS 3600, CONCRETE CODE.
- DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE.

Standard Drawing

CONCRETE FOOTPATHS AND BIKEPATHS (GREATER THAN 1200mm WIDE)



THIS DRAWING IS NOT TO BE AMENDED WITHOUT REFERENCE TO STANDARDS COMMITTEE

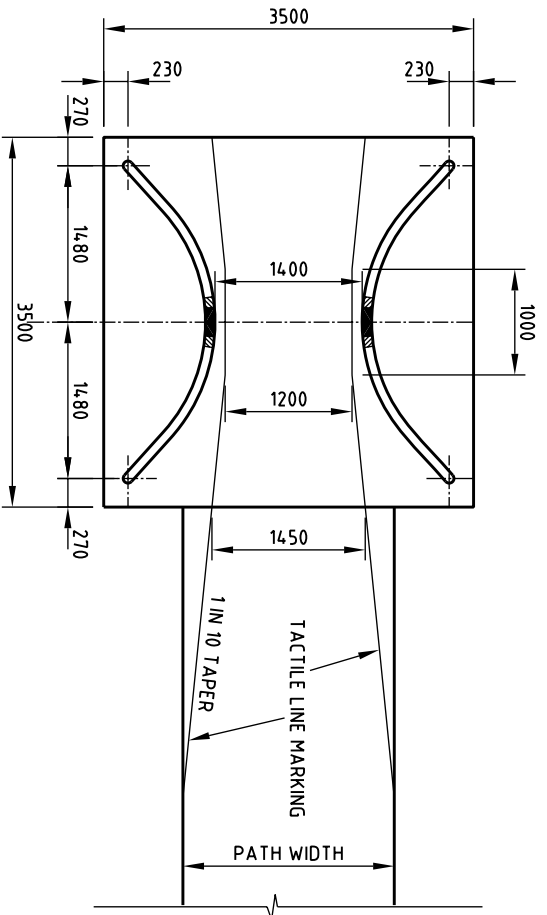
No.	AMENDMENT	APPROVED	DATE	ISSUED

DO NOT SCALE TAKE FIGURED DIMENSIONS ONLY

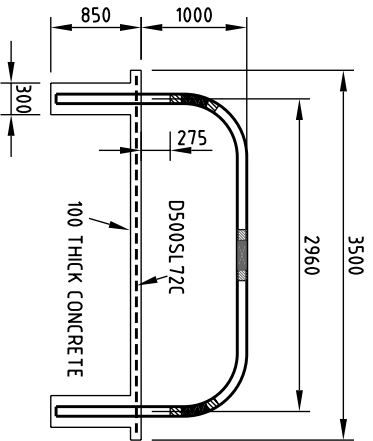
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STANDARD DRAWING No.	05-02-401
ISSUE	2005 EDITION

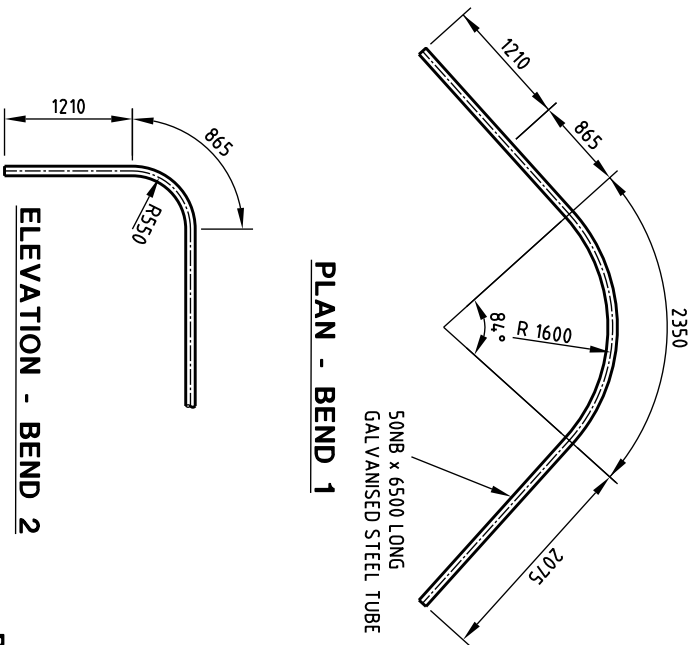


PLAN

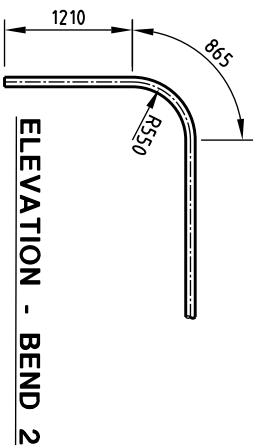


ELEVATION

INSTALLATION DETAILS



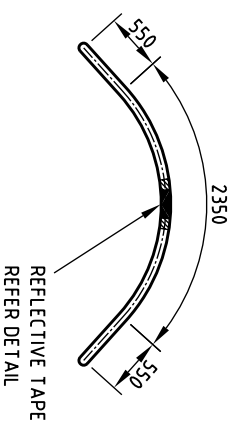
PLAN - BEND 1



ELEVATION - BEND 2



REFLECTIVE TAPE DETAIL



PLAN - AFTER BEND 3

BENDING DETAIL

STANDARD DRAWING

**BICYCLE PATH ENTRANCE
DEFLECTION RAIL**

- 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 MINIMUM 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 AUSTRORADS "GUIDE TO TRAFFIC ENGINEERING PRACTICE PART 14. BICYCLES"
 8. DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE

Gold Coast City Council
GOLD COAST CITY COUNCIL
GOLD COAST QLD 4214
PO BOX 9729

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No.	AMENDMENT	APPROVED
		DATE
		ISSUED

DO NOT SCALE TAKE FIGURED DIMENSIONS ONLY		DRAWN BY
TECHNICAL SERVICES BRANCH		APPROVED
PASSED		18/03/04
APPROVED		19/03/04

STANDARD DRAWING		MICROFILMED
BICYCLE PATH ENTRANCE DEFLECTION RAIL		STANDARD DRAWING No.
		05-02-402
		ISSUE
		2005 EDITION

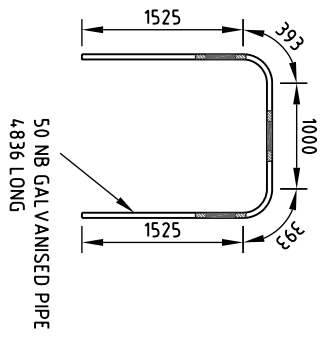
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	APPROVED 19/03/04

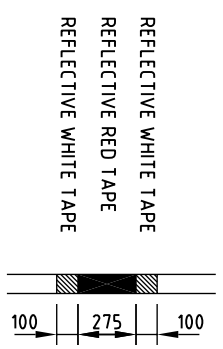
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BICYCLE PATH ENTRANCE
HOLDING RAIL

MICROFILMED
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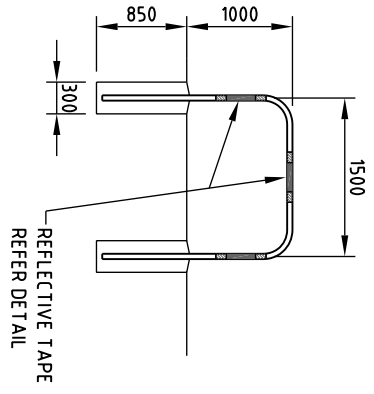
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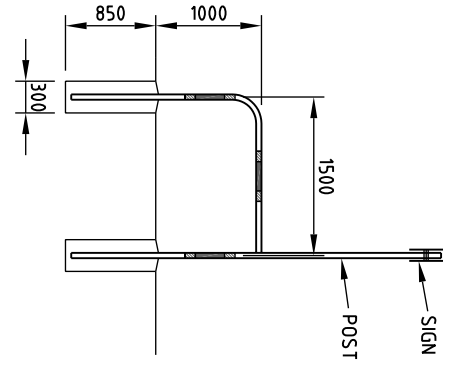
REFLECTIVE TAPE DETAIL



ELEVATION STAND ALONE



ELEVATION INCORPORATING SIGN



NOTES:

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4. UNITS TO BE FINISHED WITH TWO COATS OF TWO PACK 125 MICRON MINIMUM TOTAL THICKNESS (eg WATTYL PARACRYL OR EQUIVALENT PROCESS). COLOUR TO BE YELLOW
5. REFLECTIVE TAPE TO BE CLASS 2 (AS 1906.1)
6. RAILS TO BE LOCATED IN ACCORDANCE WITH AUSTRROADS "GUIDE TO TRAFFIC ENGINEERING PRACTICE PART 14 BICYCLES"
7. DIMENSIONS ARE IN MILLIMETRES UNLESS SHOWN OTHERWISE