

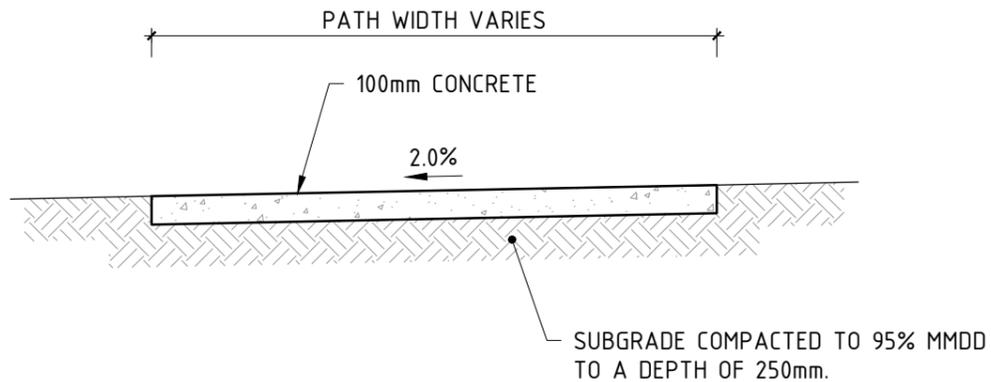
# CITY OF ALBANY ENGINEERING SERVICES

## STANDARD CONSTRUCTION DRAWINGS

<u>CATEGORY</u>	<u>DRAWING No.</u>	<u>DRAWING TITLE</u>	<u>REVISION</u>
DRAINAGE	STD-01-01	TYPICAL MANHOLE	REV 0
	STD-01-02	UNIVERSAL SIDE ENTRY PIT	REV 0
	STD-01-03	COMBINATION SIDE ENTRY PIT	REV 0
	STD-01-04	GRATED GULLY PIT	REV 0
	STD-01-05	HOUSE CONNECTION PIT	REV 0
	STD-01-06	UNDERGROUND STORAGE PIT	REV 0
	STD-01-07	KERB OUTLET	REV 0
KERBING	STD-02-01	TYPE 1 KERB PROFILES	REV 0
	STD-02-02	TYPE 2 KERB PROFILES	REV 0
	STD-02-03	TYPE 3 KERB PROFILES	REV 0
	STD-02-04	CONCRETE APRON	REV 0
PATHWAYS	STD-03-01	CONCRETE PATHWAY DETAILS	REV 0
	STD-03-02	ASPHALT PATHWAY DETAILS	REV 0
	STD-03-03	PEDESTRIAN RAMP - TYPE 1	REV 0
	STD-03-04	PEDESTRIAN RAMP - TYPE 2	REV 0
SIGNS	STD-04-01	STREET NAME SIGNS	REV 0
CROSSOVERS	STD-05-01	STANDARD CROSSOVER - CONCRETE	REV 0
	STD-05-02	STANDARD CROSSOVER - ASPHALT	REV 0
	STD-05-03	STANDARD CROSSOVER - PAVED	REV 0

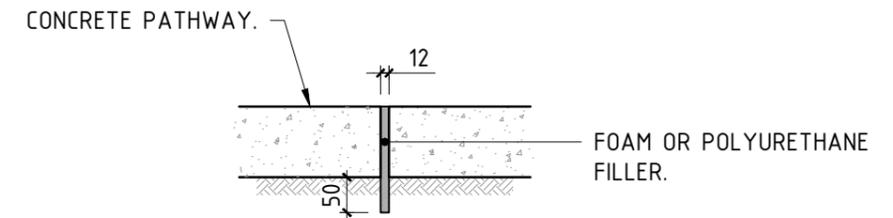


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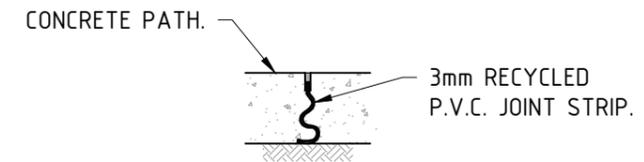
**TYPICAL CONCRETE PATHWAY**

SCALE: 1:25



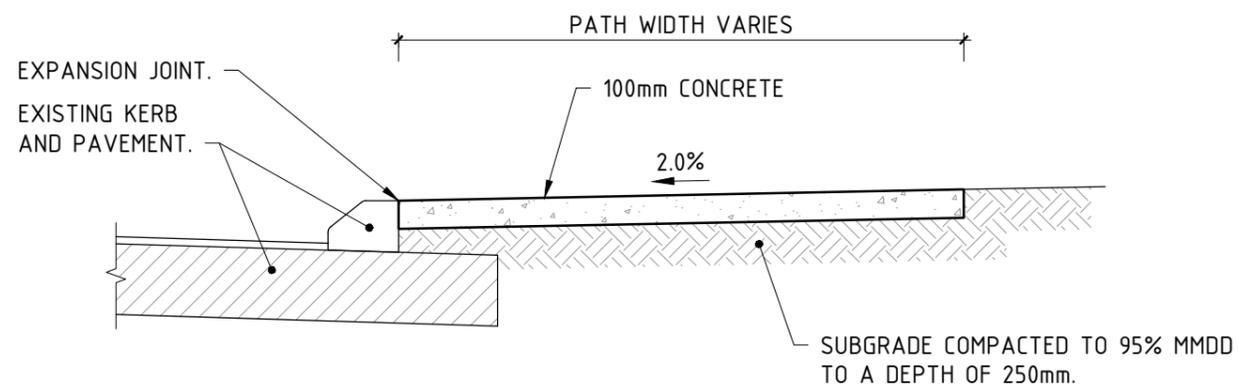
**PATHWAY EXPANSION JOINT DETAIL**

SCALE: 1:10



**LOCK JOINT DETAIL**

SCALE: 1:10



**TYPICAL CONCRETE PATHWAY  
TO BACK OF KERB**

SCALE: 1:25

**NOTES:**

1. CONCRETE STRENGTH TO 25Mpa COMPRESSIVE STRENGTH AT 28 DAYS. MAXIMUM AGGREGATE SIZE 14mm AND MAX SLUMP OF 75mm.
2. PATHWAY TO HAVE A DEEP BROOM FINISH (2mm) WITH A SMOOTH EDGE APPROX 75mm WIDE AT EDGES AND EXPANSION JOINTS. THERE IS TO BE NO SMOOTH EDGE AT LOCK JOINTS.
3. LOCK JOINT SPACING NOT TO EXCEED 1.5 x PATHWAY WIDTH.
4. EXPANSION JOINTS TO BE INSTALLED AT 50m SPACING ON STRAIGHTS, AT THE START AND END OF CURVES, WHERE PATH CONNECTS ANOTHER PATH OR KERB, BETWEEN BACK OF KERB AND EDGE OF PATH, AND WHERE PATH ABUTS A BUILDING OR IN-GROUND INFRASTRUCTURE.
5. PATHWAY EXPANSION JOINTS TO ALIGN WITH KERB EXPANSION JOINTS.
6. EXPANSION JOINT PACKING MATERIAL TO EXTEND 50mm BELOW BASE OF PATH AND 10mm OUT OF SIDES TO ENSURE COMPLETE SEPARATION OF PANELS.

REV	DESCRIPTION	APPROVED	DATE
0	APPROVED		



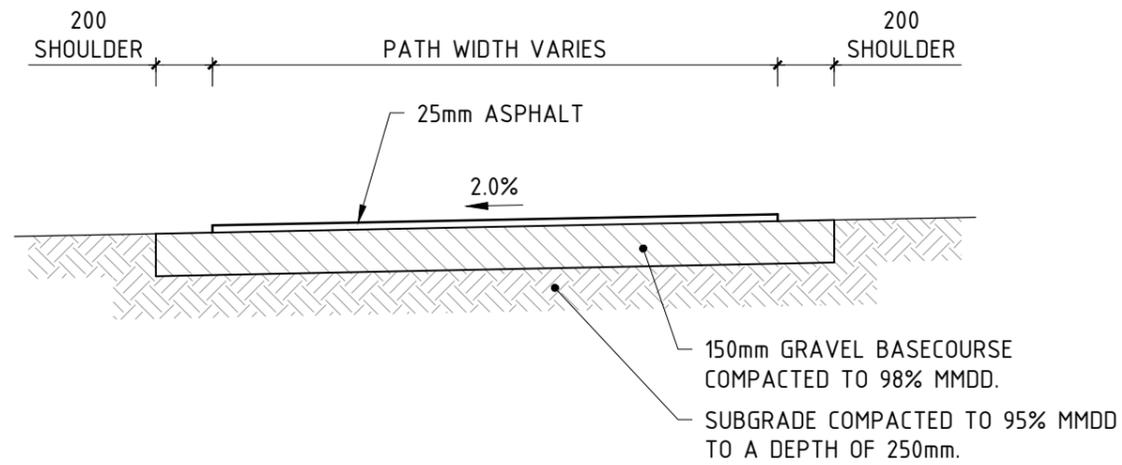
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**CONSTRUCTION ISSUE**

AUTHORISED	DESIGNED	DRAWN
		JLP

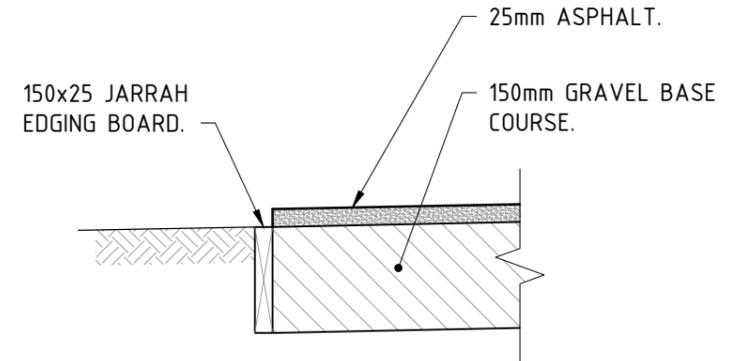
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNLESS SIGNED AS APPROVED

PROJECT					
CITY OF ALBANY ENGINEERING SERVICES STANDARD CONSTRUCTION DRAWINGS					
DRAWING NAME					
CONCRETE PATHWAY DETAILS					
DRAWING No	FILE REF	JOB No	SCALE	SHEET No	REV
-	-	-	1:25 @ A3	STD-03-01	0



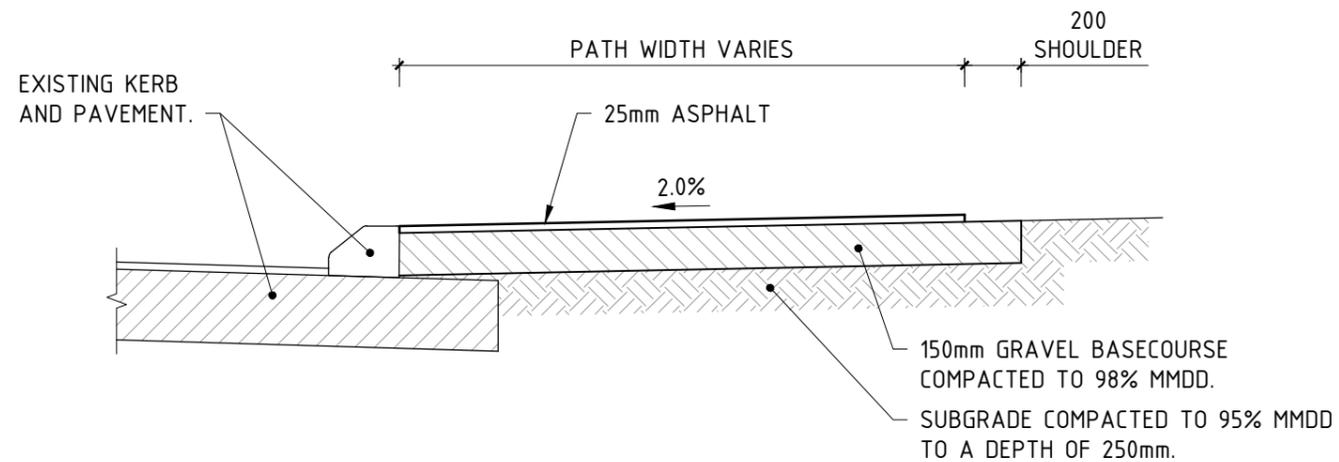
**TYPICAL ASPHALT PATHWAY**

SCALE: 1:25



**TIMBER EDGING DETAIL**

SCALE: 1:10



**TYPICAL ASPHALT PATHWAY  
TO BACK OF KERB**

SCALE: 1:25

**NOTES:**

- ALL BITUMEN PRODUCTS SHALL COMPLY WITH THE FOLLOWING RELEVANT STANDARDS
  - AS2008-1997 RESIDUAL BITUMEN FOR PAVEMENTS.
  - AS2150-2005 HOT MIX ASPHALT - A GUIDE TO GOOD PRACTICE.
  - AS1160-1996 BITUMEN EMULSIONS FOR THE CONSTRUCTION AND MAINTENANCE OF PAVEMENTS.

REV	DESCRIPTION	APPROVED	DATE
0	APPROVED		



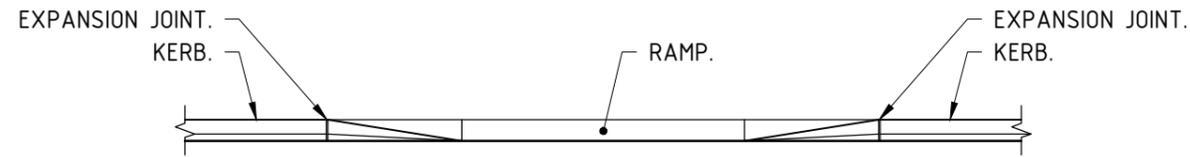
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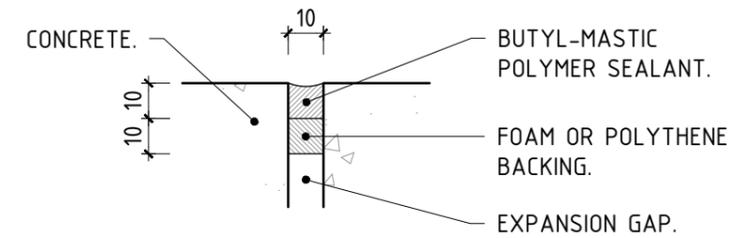
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CITY OF ALBANY ENGINEERING SERVICES STANDARD CONSTRUCTION DRAWINGS					
DRAWING NAME					
ASPHALT PATHWAY DETAILS					
DRAWING No	FILE REF	JOB No	SCALE	SHEET No	REV
-	-	-	1:25 @ A3	STD-03-02	0



**ELEVATION**

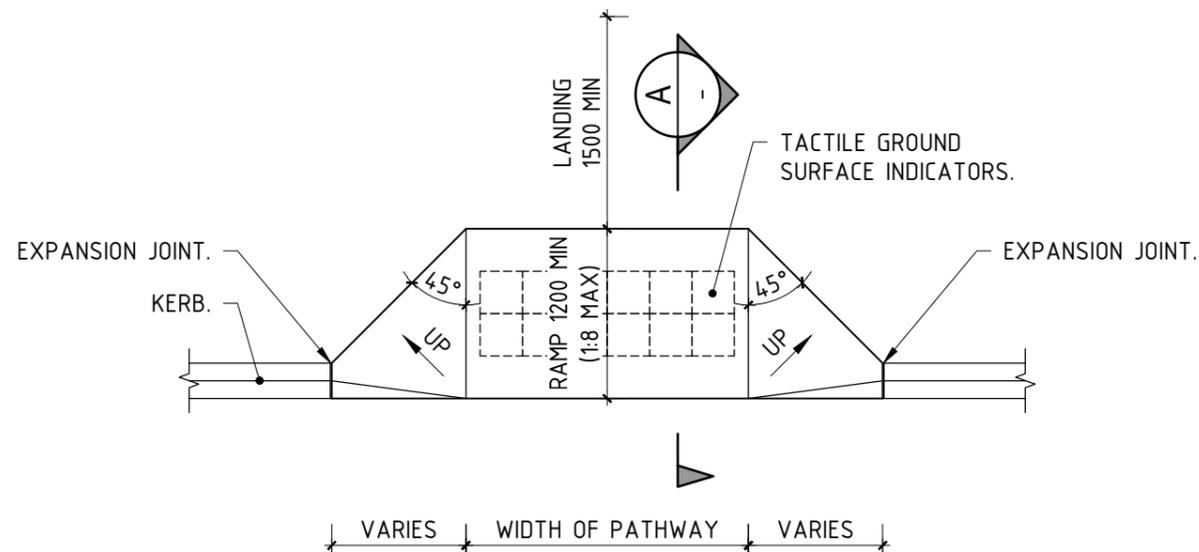


**EXPANSION JOINT DETAIL**

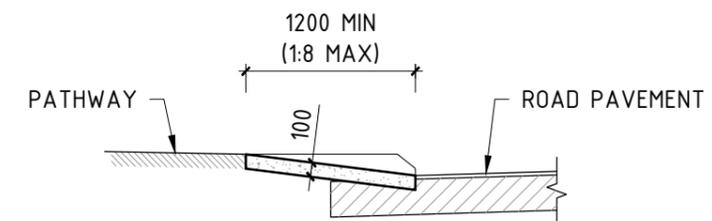
SCALE: 1:2

**NOTES:**

1. THE KERB RAMP SHOULD BE ALIGNED IN THE DIRECTION OF TRAVEL.
2. EDGE OF RAMP SHALL BE FLUSH WITH ROAD PAVEMENT (ASPHALT OR SEAL).
3. CONCRETE STRENGTH TO BE 25MPa COMPRESSIVE STRENGTH AT 28 DAYS. MAXIMUM AGGREGATE SIZE 14mm AND SLUMP OF 75mm.
4. ALL CONCRETE SHALL BE BROOM FINISHED ACROSS THE DIRECTION OF PEDESTRIAN TRAFFIC TO PROVIDE A NON-SLIP FINISH.
5. TACTILE GROUND SURFACE INDICATORS SHOULD BE PROVIDED AND INSTALLED AS PER AS 1428.4.



**PLAN**



**SECTION A**

**PEDESTRIAN RAMP - TYPE 1**

SCALE: 1:50

REV	DESCRIPTION	APPROVED	DATE
0	APPROVED		



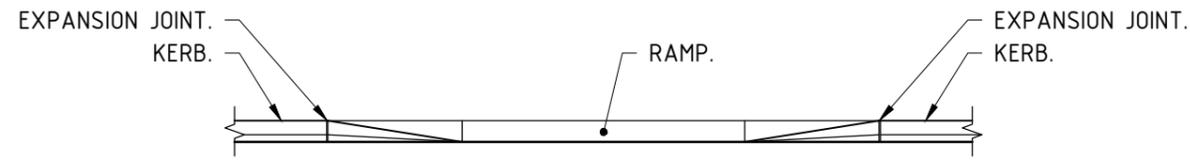
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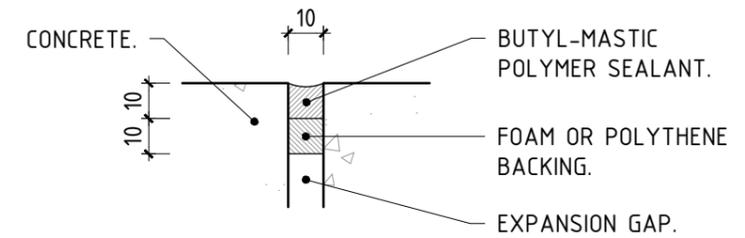
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PROJECT					
CITY OF ALBANY ENGINEERING SERVICES STANDARD CONSTRUCTION DRAWINGS					
DRAWING NAME					
PEDESTRIAN RAMP - TYPE 1					
DRAWING No	FILE REF	JOB No	SCALE	SHEET No	REV
-	-	-	1:50 @ A3	STD-03-03	0



**ELEVATION**

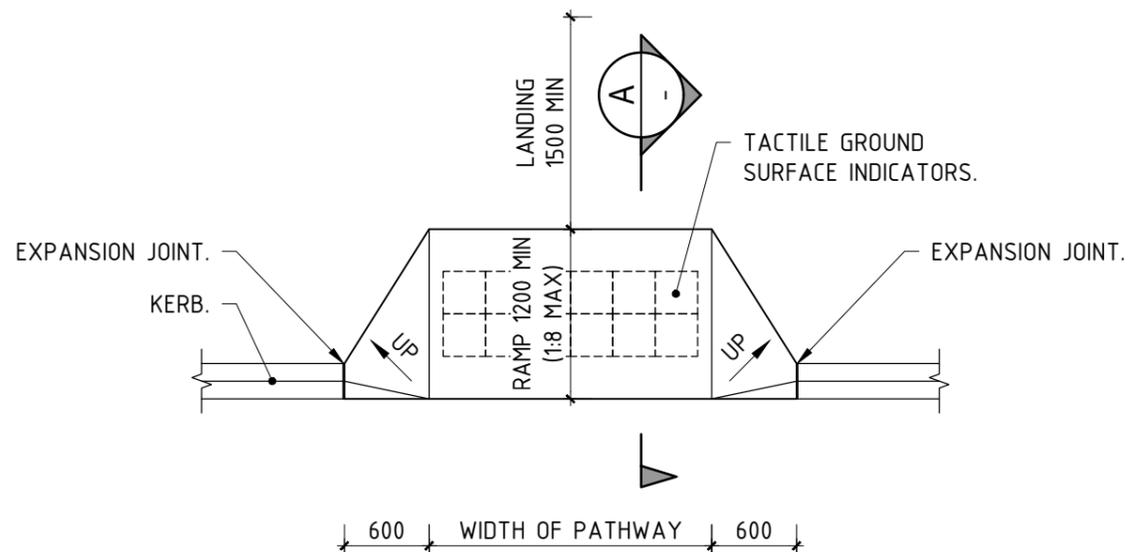


**EXPANSION JOINT DETAIL**

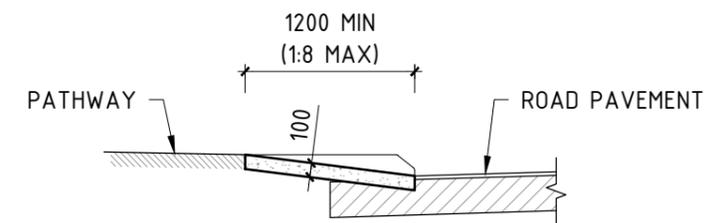
SCALE: 1:2

**NOTES:**

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4. ALL CONCRETE SHALL BE BROOM FINISHED ACROSS THE DIRECTION OF PEDESTRIAN TRAFFIC TO PROVIDE A NON-SLIP FINISH.
5. TACTILE GROUND SURFACE INDICATORS SHOULD BE PROVIDED AND INSTALLED AS PER AS 1428.4.



**PLAN**



**SECTION A**

**PEDESTRIAN RAMP - TYPE 2**

SCALE: 1:50

REV	DESCRIPTION	APPROVED	DATE
0	APPROVED		



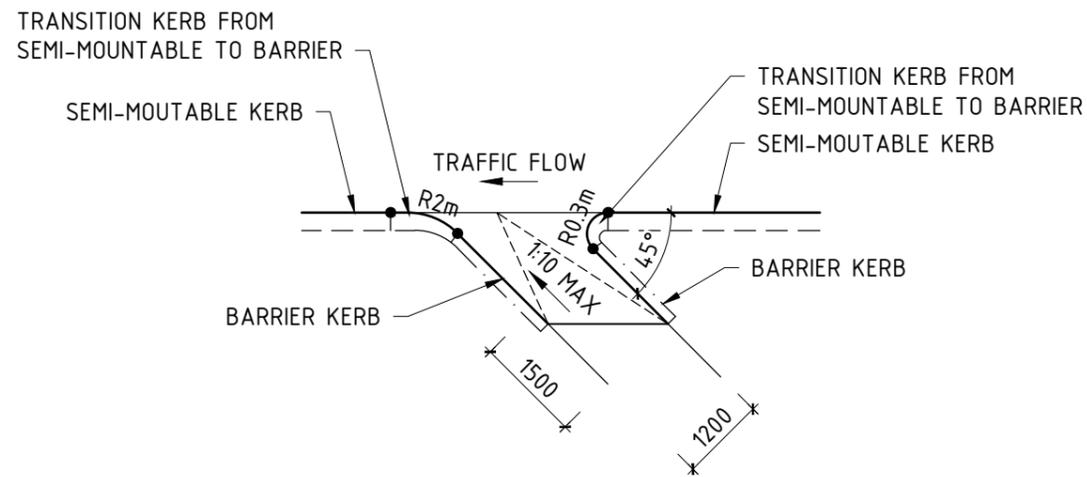
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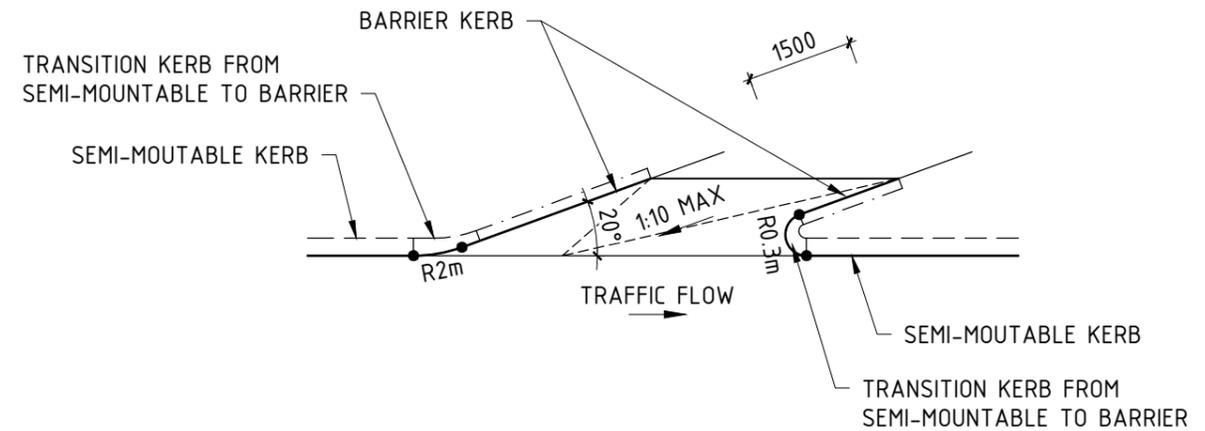
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DRAWING NAME					
PEDESTRIAN RAMP - TYPE 2					
DRAWING No	FILE REF	JOB No	SCALE	SHEET No	REV
-	-	-	1:50 @ A3	STD-03-04	0



**BICYCLE ENTRY RAMP**



**BICYCLE EXIT RAMP**

**BICYCLE ENTRY & EXIT RAMP DETAILS**

SCALE 1:100

REV	DESCRIPTION	APPROVED	DATE
0	APPROVED		



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DRAWING NAME					
BICYCLE ENTRY & EXIT RAMP DETAILS					
DRAWING No	FILE REF	JOB No	SCALE	SHEET No	REV
-	-	-	1:100 @ A3	STD-03-05	0