



LOCALITY PLAN  
NOT TO SCALE

### PAVEMENT LEGEND



EXISTING CONCRETE FOOTPATH  
100mm MIN THICK CONCRETE (25MPa STRENGTH) UNREINFORCED  
ON 50 THICK SAND (COMPACTED BEDDING) U.N.O.  
WHERE A THICKENED EDGE IS TO BE INSTALLED, CONCRETE THICKNESS  
TO BE 130mm THICK WITH SL72 MESH PLACED CENTRALLY



LANDSCAPE/TURF OR BATTER SLOPE  
BACKFILL WITH CLEAN FILL AND PLACE  
MINIMUM 150 LAYER OF IMPORTED TOPSOIL MIX  
EQUAL TO ANL "ORGANIC GARDEN MIX".  
TURF WITH CYNODON DACTYLON "WINTERGREEN"



NEW CONCRETE THICKENED EDGE BEAM UNDER FOOTPATH SLAB  
300 WIDE (25MPa STRENGTH). REFER DETAIL

### CAUTION – EXCAVATING NEAR TREES TO BE RETAINED

- CAREFULLY EXCAVATE WITH A TRENCHING MACHINE UP TO 2.0 METERS FROM THE BASE OF THE TREE. A SPOTTER IS TO BE USED TO GUIDE THE MACHINE AND AVOID DAMAGE TO THE TREE ROOTS. THE EXCAVATOR IS TO USE A FLAT BLADE BUCKET WITH NO TEETH.
- EXCAVATION BY HAND DIGGING SHALL BE EMPLOYED WITHIN 2.0 METERS ON EITHER SIDE OF THE TREE AND WITHIN 2.0 METERS OF THE TREE TRUNK.
- NO TREE ROOT GREATER THAN 40mm IN DIAMETER ARE TO BE CUT WITHOUT PRIOR INSPECTION AND APPROVAL BY COUNCIL'S TREE SERVICES.
- TREE ROOTS LESS THAN 40mm IN DIAMETER ARE TO BE CLEAN CUT WITH A SHARP IMPLEMENT.
- NO MATERIAL IS TO BE STORED UNDER TREES TO BE RETAINED OR AGAINST THE TREE'S TRUNK. GROUND PROTECTION MAY NEED TO BE EMPLOYED AS PER AS 4970–2009 "PROTECTION OF TREES ON DEVELOPMENT SITES", SECTION 4.5.3.
- WHERE INSTRUCTED BY COUNCIL'S TREE SERVICES, TREE PROTECTION BATONS ARE TO BE PLACED AROUND THE TREE TRUNK AS PER AS 4970–2009, SECTION 4.5.2 AND FIGURE 4.
- WHERE THERE IS DISCREPANCY BETWEEN THE CONSTRUCTION DRAWINGS OR A LIKELY PHYSICAL CONSTRAINT ENCOUNTERED BETWEEN THE TREE TO BE RETAINED AND THE INFRASTRUCTURE THAT IS TO BE INSTALLED, AN ALTERNATIVE DESIGN MAY NEED TO BE EMPLOYED. IN THIS SITUATION, STOP ALL WORK IN PROXIMITY OF THE TREE TO BE RETAINED AND CONSULT WITH COUNCIL'S PROJECT ENGINEER IMMEDIATELY. TREE SERVICES IN COLLABORATION WITH THE DESIGNER WILL THEN PROVIDE ADVICE ON THE MODIFICATIONS REQUIRED.
- IF IN DOUBT – PLEASE SEEK ADVICE FROM COUNCIL'S TREE SERVICES BEFORE PROCEEDING WITH WORKS.
- FAILURE TO ADHERE TO ANY OF THESE REQUIREMENTS WILL RESULT IN THE CONTRACTOR TO BEAR ALL COSTS ASSOCIATED WITH THE REMEDIATION OR EQUIVALENT REPLACEMENT OF THE TREE TO BE RETAINED.

### CAUTION – SERVICES!!!!

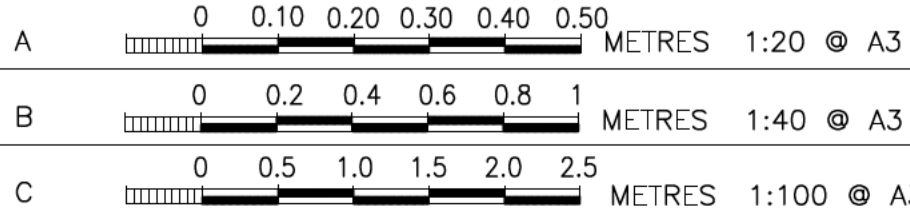


- THE POSITION OF SERVICES SHOWN ON THE DRAWING ARE INDICATIVE ONLY AND HAVE BEEN PLOTTED FROM PLANS SUPPLIED BY THE RELEVANT UTILITY AUTHORITIES.
- PITS, POLES, MARKER POSTS, SIGNS, ETC. HAVE BEEN PLOTTED ON THE DRAWINGS WHERE SIGHTED AT THE TIME OF SURVEY BUT THE SURVEY NOT DOES INCLUDE DETAILED INVESTIGATION OR PHYSICAL LOCATION OF UNDERGROUND INFRASTRUCTURE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR PRIOR TO ANY DEMOLITION, EXCAVATION OR CONSTRUCTION ACTIVITY ON OR ADJACENT TO THE SITE TO OBTAIN UPDATED SERVICES DIAGRAMS THROUGH A DIAL-BEFORE-YOU-DIG SEARCH AND PHYSICAL SEARCH TO ESTABLISH AND CONFIRM THE EXACT LOCATION/S AND DEPTH/S OF ALL UNDERGROUND SERVICES, PRIOR TO COMMENCEMENT.

### DRAWING INDEX

DRAWING NO.	DESCRIPTION
0001	COVER SHEET AND INDEX
1001	GENERAL NOTES AND SPECIFICATIONS
2001	GENERAL ARRANGEMENT SHEET 1
3001	CIVIL WORKS & SET-OUT PLAN SHEET 1
3002	CIVIL WORKS & SET-OUT PLAN SHEET 2
4001	LONGITUDINAL SECTIONS
	FOOTPATH ALIGNMENTS NO.'S 1 AND 2
5001	CROSS SECTIONS
	FOOTPATH ALIGNMENT NO 1
5002	CROSS SECTIONS
	FOOTPATH ALIGNMENT NO 1 (CONTINUED)
5003	CROSS SECTIONS
	FOOTPATH ALIGNMENT NO 2
6001	CUT & FILL PLAN SHEET 1
7001	DRAINAGE LONGITUDINAL SECTIONS SHEET 1
8001	DRIVEWAY LONG SECTION SHEET 1
8002	DRIVEWAY LONG SECTION SHEET 2
8003	DRIVEWAY LONG SECTION SHEET 3
9001	STANDARD DETAILS SHEET 1
9002	STANDARD DETAILS SHEET 2

			LEVEL DATUM: AHD	PLOT DATE: 20/01/2022	FOLDER: \\syf1.northernbeaches.nsw.gov.au\Engineering Files\Urban2\DRAWINGS Current\TOM SPECS AND PROJECTS FOLDER 2\PROJECTS 2021 - 22\Footpath program\Jackson road\TCI-JACKSONS RD FOOTPATH LINK CROSSING-IFC2.dwg		
			CO-ORD SYSTEM: MGA	PRELIMINARY	DESIGN APPROVED	APPROVED FOR CONSTRUCTION	
4	20/01/22	AMENDMENTS	MS	SURVEYED: N.A.	DRAWN BY: THOMAS LAU	PROJ. MGR: N.A.	
3	14/12/21	AMENDED TO MICHELLE CARTER REQUEST	TL	WORK-AS-EXECUTED	DATED: 03/05/21	DATE: (**/**/****)	
2	04/05/21	DRAWINGS ISSUED FOR COMMENTS	TL	BY: N.A.	DATED: 04/05/21	DATE: (**/**/****)	
1	03/05/21	INITIATE DRAWINGS	TL	DATE: **/**/****	INITIATED BY: MICHELLE CARTER	APPROVED BY: THOMAS LAU	
No	DATE	AMENDMENTS	INITIALS	STRATEGIC TRANSPORT COORDINATOR	PRINCIPAL ENGINEER	PRINCIPAL ENGINEER	



NEW FOOTPATH LINK  
JACKSONS ROAD, WARRIEWOOD NEAR INT. BOONDAH ROAD  
NEW FOOTPATH BETWEEN EXISTING PRAM RAMP AND GATE  
COVER PAGE  
INDEX SHEET

DRAWING NO. TCI-LAKEVIEW PDE CIVIL WORKS-IFC1-0001

REVISION: 4



CONSTRUCT NEW  
PEDESTRIAN RAMPS

CONSTRUCT NEW RAISED  
THRESHOLD 5.8m WIDE.  
LINEMARKING AS SHOWN

CONSTRUCT NEW CONCRETE  
BLISTERS. (SEE DETAILS)

EXISTING PATH

PLAN



SCALE BAR

5.800

1.52

3.600

2.200

JACKSONS ROAD

CAUTION — SERVICES!!!!



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TO BE 130mm THICK WITH SL72 MESH AT 30mm TOP COVER



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BACKFILL WITH CLEAN FILL AND PLACE  
MINIMUM 150mm LAYER OF IMPORTED TOPSOIL MIX  
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A 0 0.10 0.20 0.30 0.40 0.50 METRES 1:20 @ A3

B 0 0.2 0.4 0.6 0.8 1 METRES 1:40 @ A3

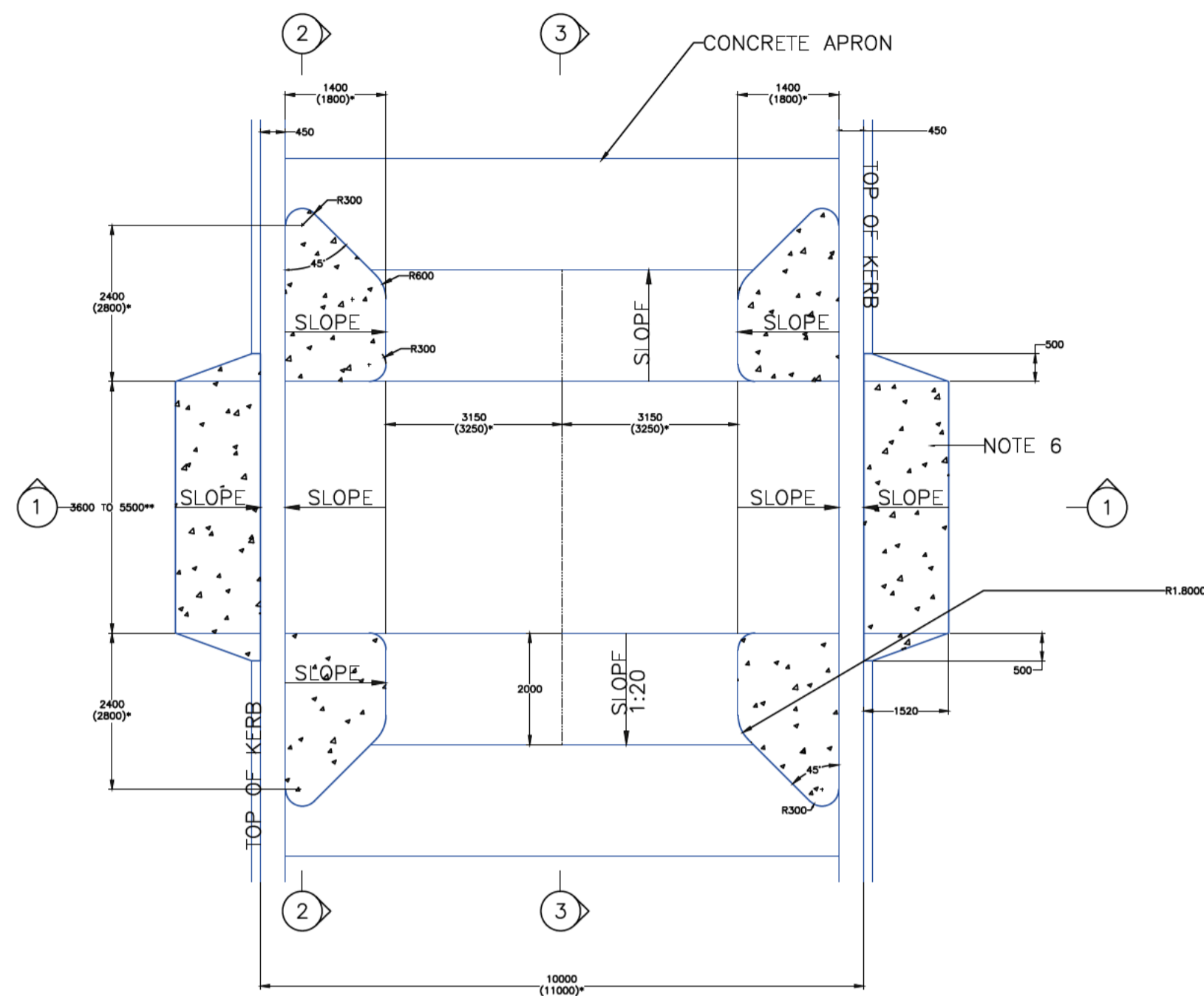
C 0 0.5 1.0 1.5 2.0 2.5 METRES 1:100 @ A3

northern  
beaches  
council

NEW FOOTPATH LINK  
JACKSONS ROAD, WARRIWOOD NEAR INT. BOONDAH ROAD  
NEW FOOTPATH BETWEEN EXISTING PRAM RAMP AND GATE  
CIVIL WORKS AND SET-OUT PLAN  
SHEET 2

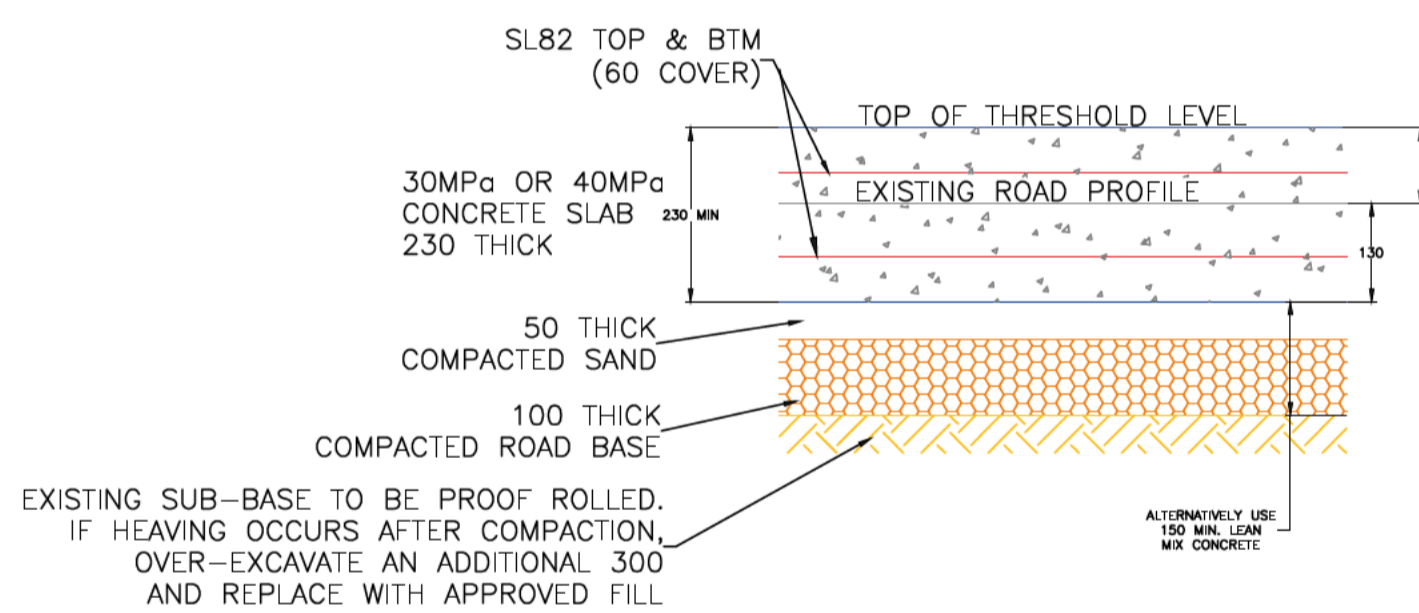
DRAWING NO. TCI-LAKEVIEW PDE CIVIL WORKS-IFC1-3002

REVISION: 4

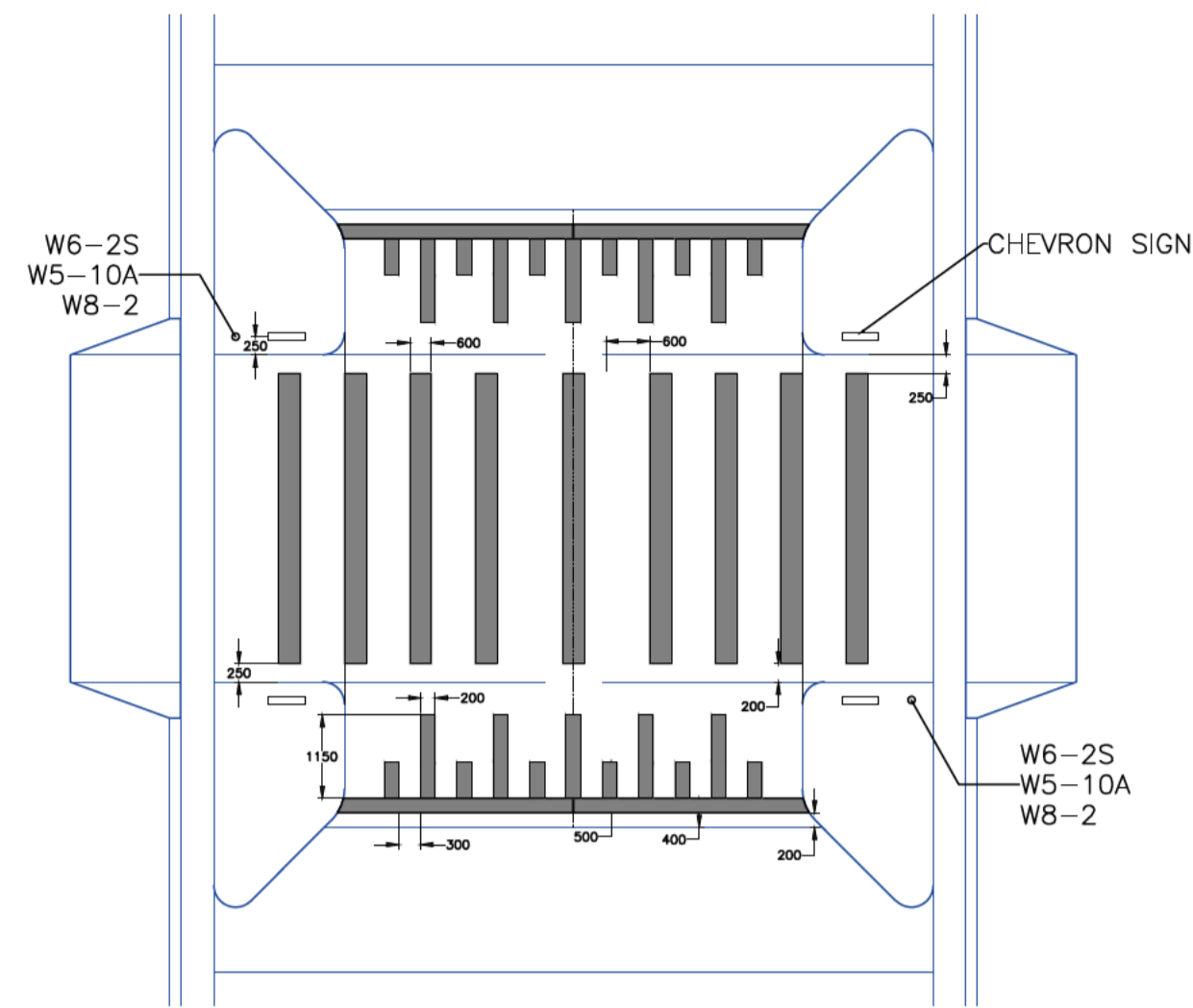


PLAN - ISLAND  
SCALE 0 1 2 3 4 5 METRES  
(1:200 @ A3, 1:100 @ A1)

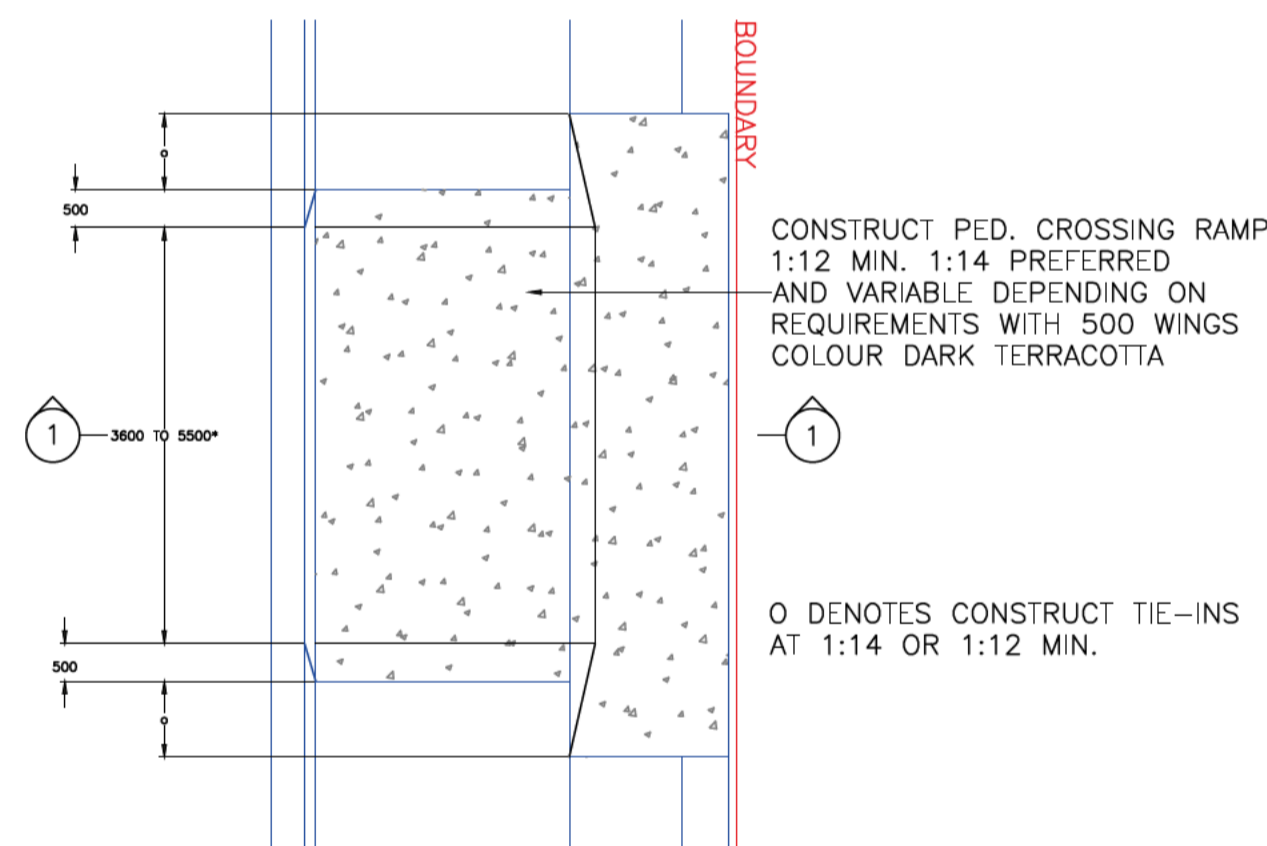
(...)\* DENOTES DIMENSIONS FOR A 11000 WIDE CARRIAGEWAY  
\*\* THE RMS MINIMUM WIDTH IS 3600. HOWEVER THE WIDTH MAY BE INCREASED TO 5500 FOR THE PLATFORM AND PEDESTRIAN RAMP WHERE NECESSARY BUT WILL BE SUBJECT TO SITE CONSTRAINTS. REFER TO RMS TECHNICAL DIRECTION FOR FURTHER GUIDANCE.



PAVEMENT DETAIL  
SCALE - NOT TO SCALE  
NOTE: ALL THRESHOLDS CONSTRUCTED IN CONCRETE WILL REQUIRE SPECIAL JOINT AND REINFORCEMENT DETAILS



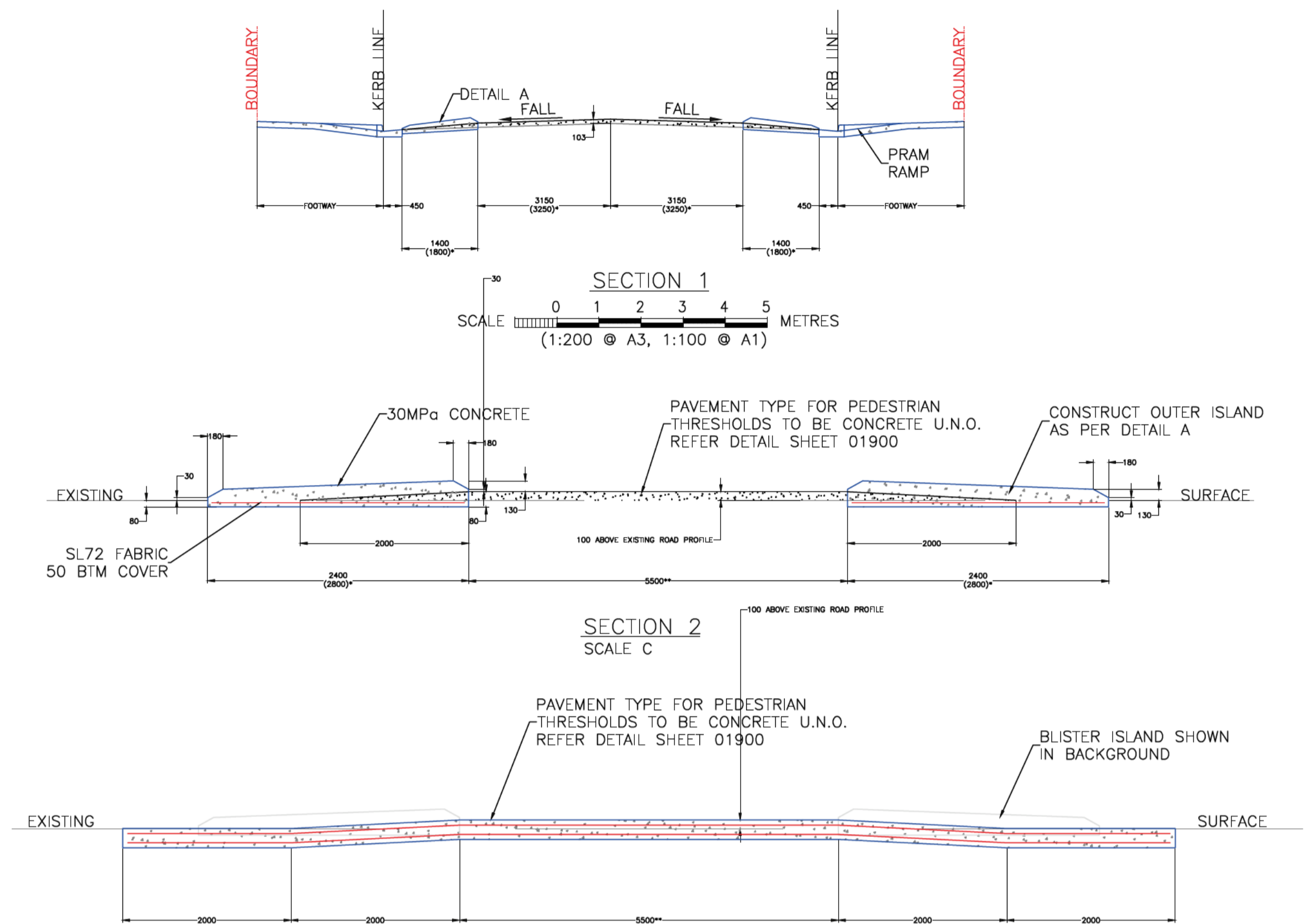
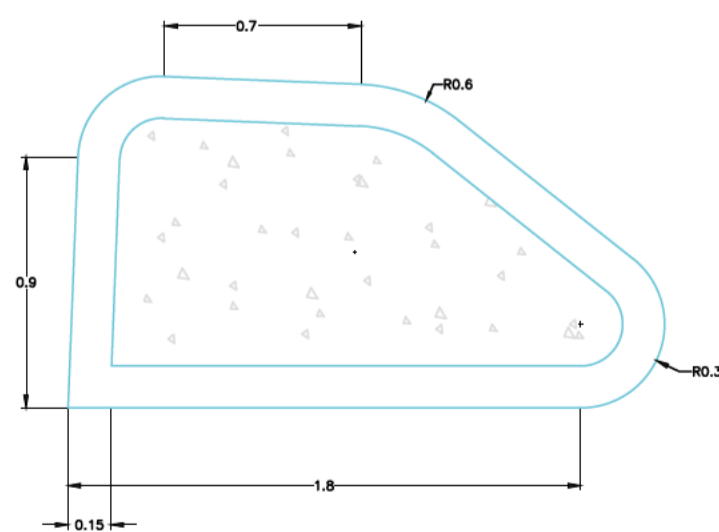
PLAN - LINEMARKING AND SIGNAGE  
SCALE 0 1 2 3 4 5 METRES  
(1:200 @ A3, 1:100 @ A1)



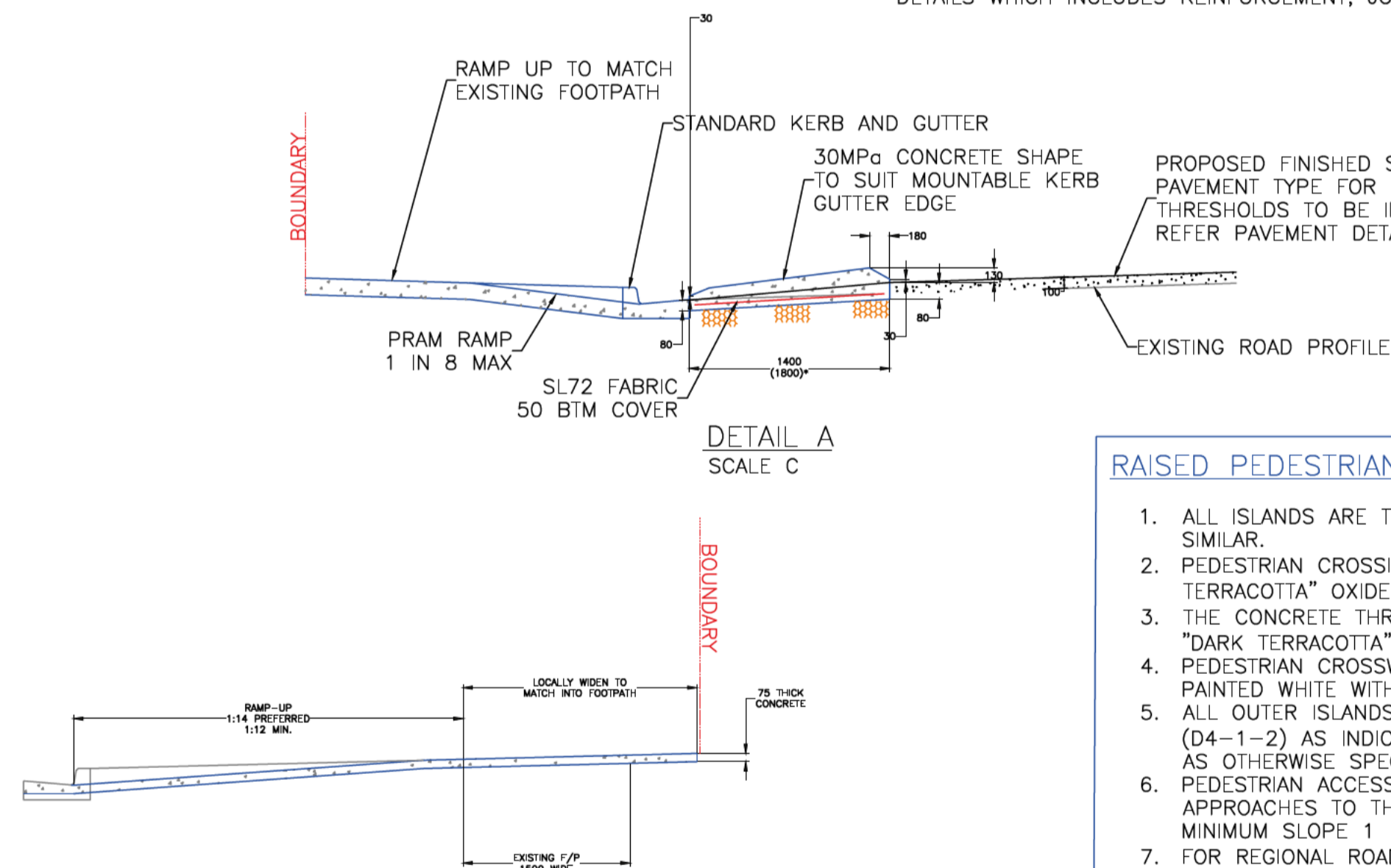
PLAN - PEDESTRIAN ACCESS RAMP

SCALE 0 1 2 3 4 5 METRES  
(1:200 @ A3, 1:100 @ A1)

\*NOTE: RAMP WIDTH MAY BE SHORTENED IF CONSTRAINED



SECTION 1  
SCALE C  
NOTE: REFER TO SHEET 01900 FOR STANDARD CONCRETE THRESHOLD DETAILS WHICH INCLUDES REINFORCEMENT, JOINTING, DIMENSIONS AND BEDDING



SECTION 1 - PEDESTRIAN CROSSING RAMP DETAIL  
SCALE C

#### RAISED PEDESTRIAN CROSSING NOTES

1. ALL ISLANDS ARE TO BE PAINTED WHITE WITH THERMOPLASTIC OR SIMILAR.
2. PEDESTRIAN CROSSING RAMPS SHALL BE COLOURED "DARK TERRACOTTA" OXIDE TINT OR EQUIVALENT.
3. THE CONCRETE THRESHOLD (RAISED PLATFORM) IS TO BE COLOURED "DARK TERRACOTTA" OXIDE TINT OR EQUIVALENT.
4. PEDESTRIAN CROSSWALK MARKINGS AND PIANO KEYS ARE TO BE PAINTED WHITE WITH THERMOPLASTIC OR SIMILAR.
5. ALL OUTER ISLANDS TO HAVE UNI-DIRECTIONAL HAZARD MARKERS (D4-1-2) AS INDICATED ON THE LINEMARKING AND SIGNAGE PLAN OR AS OTHERWISE SPECIFIED.
6. PEDESTRIAN ACCESS RAMPS ARE TO BE CONSTRUCTED ON BOTH APPROACHES TO THE CROSSING. PREFERRED SLOPE 1 IN 14 AND MINIMUM SLOPE 1 IN 12 WITH 500mm WINGS AT MAX. 1 IN 8.
7. FOR REGIONAL ROADS, REFER TO RMS GUIDELINES (TECHNICAL DIRECTION) FOR HEIGHT DETAILS AND ADJUST THRESHOLD APPROACH RAMP TO SUIT.
8. KERB SIDE BLISTER ISLANDS ARE TO BE TYPE SF KERB OR SIMILAR.
9. WHERE DIMENSIONS ARE SHOWN IT SHALL TAKE PRECEDENCE OVER SCALING.

#### PEDESTRIAN CROSSING SPECIAL DETAILS NOTES

1. HIGH LYING AND LOW LYING FOOTPATHS WILL REQUIRE SPECIAL TREATMENT AND SPECIAL DESIGN CONSIDERATION. MAINTAIN MINIMUM RAMP SLOPE OF 1 IN 12 (MINIMUM). MAXIMUM SLOPE 1 IN 8.
2. EVERY CROSSING SHALL HAVE AT LEAST 10m TO 15m OF FORMALISED FOOTPATH ON EITHER SIDE OF THE CROSSING.
3. ALL OUTER ISLANDS TO HAVE CHEVRONS AS INDICATED ON THE LINEMARKING AND SIGNAGE PLAN.
4. "KEEP LEFT" SIGNS ARE TO BE PLACED ON BOTH APPROACHES IN THE CENTRE ISLAND.
5. PEDESTRIAN CROSSING RAMPS ARE TO BE CONSTRUCTED ON BOTH APPROACHES TO THE CROSSING. PREFERRED SLOPE 1 IN 14 AND MINIMUM SLOPE 1 IN 12 WITH 500mm WINGS AT MAX. 1 IN 8.
6. RAISED PEDESTRIAN PLATFORMS AND PEDESTRIAN RAMPS ARE TO BE COLOURED "DARK TERRACOTTA" OXIDE TINT OR EQUIVALENT.
7. ALL CONCRETE THRESHOLDS (EXCEPT BLISTER ISLANDS), ARE TO BE COLOURED "DARK TERRACOTTA" OXIDE TINT OR EQUIVALENT.
8. WHERE DIMENSIONS ARE SHOWN THESE SHALL TAKE PRECEDENCE OVER SCALING.

#### RAISED PEDESTRIAN CROSSING DETAILS 10m TO 11m WIDE ROAD CARRIAGEWAY

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DETAILS SHEET 2  
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REVISION: 4