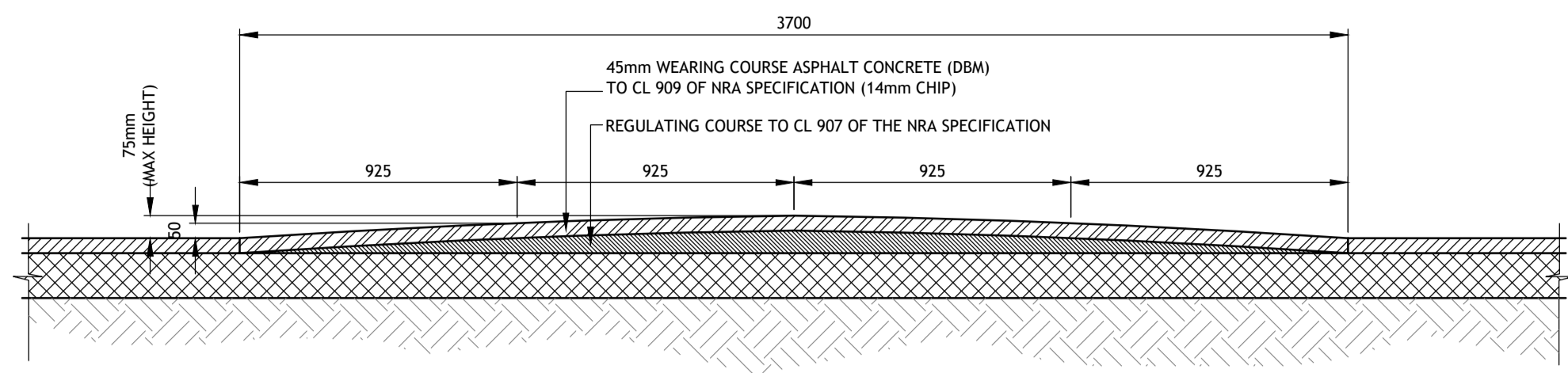
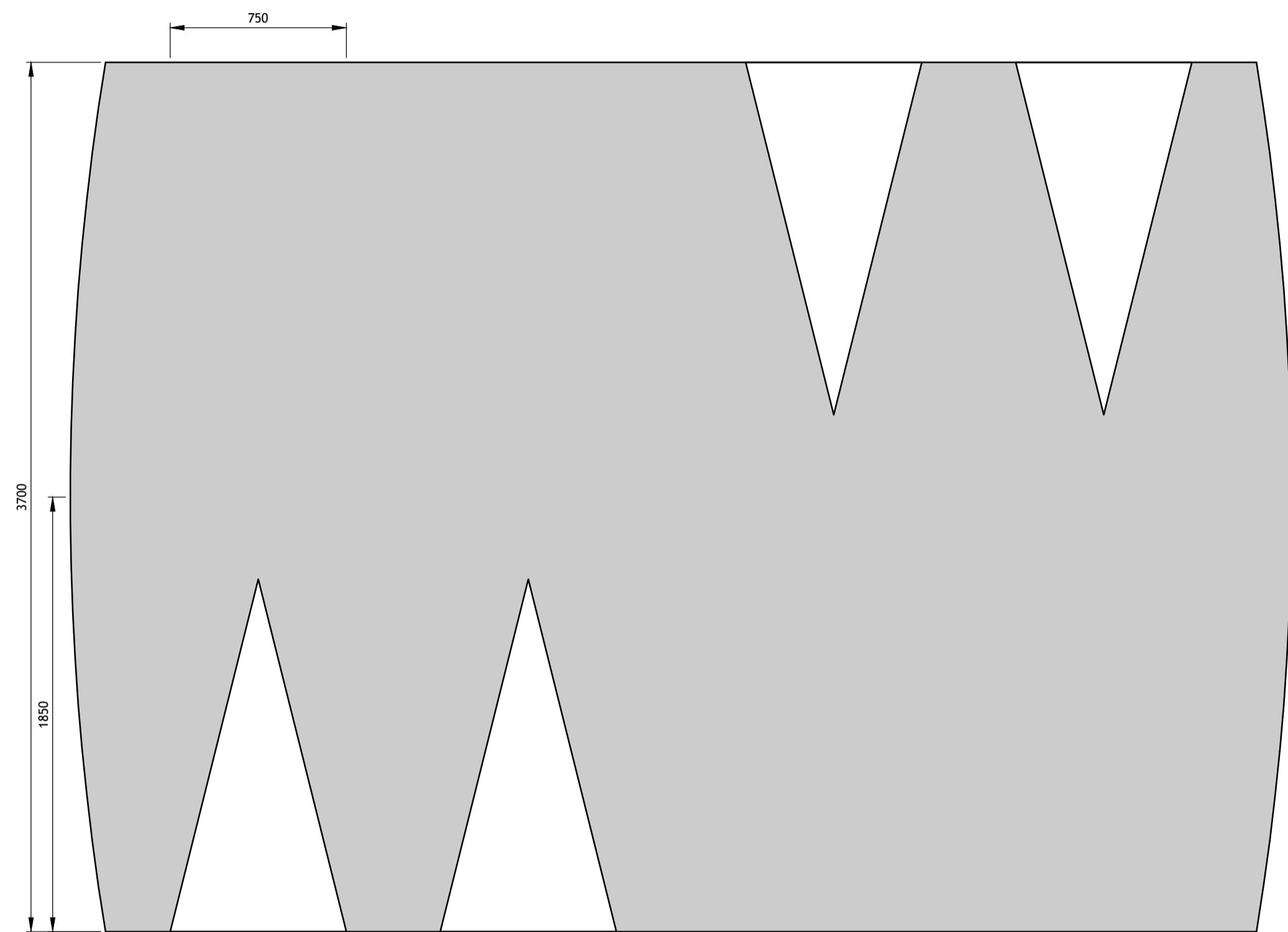


**NOTE**

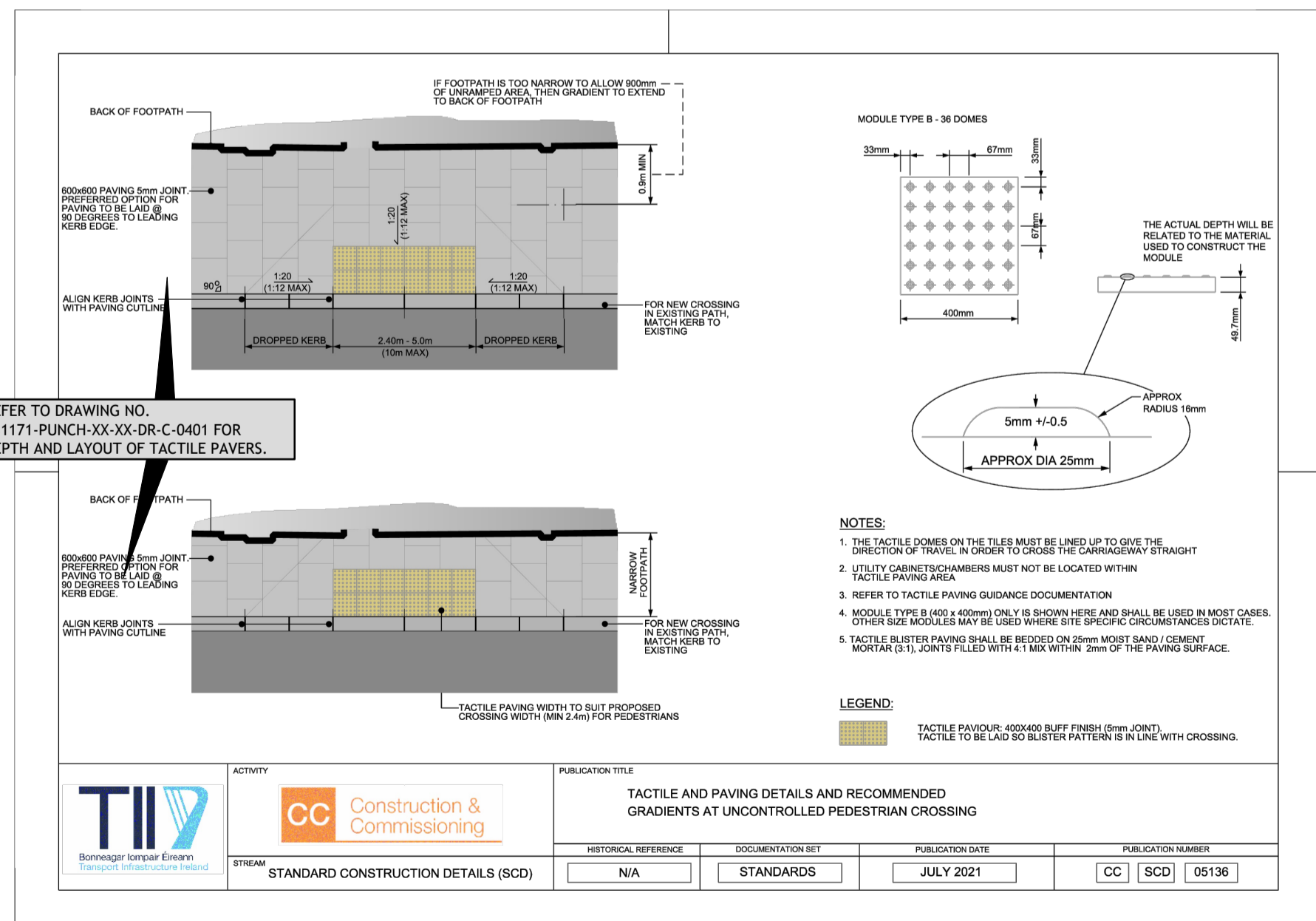
- SPEED RAMP TO FOLLOW CAMBER AND LEVEL (75mm ABOVE) OF PROPOSED ROAD



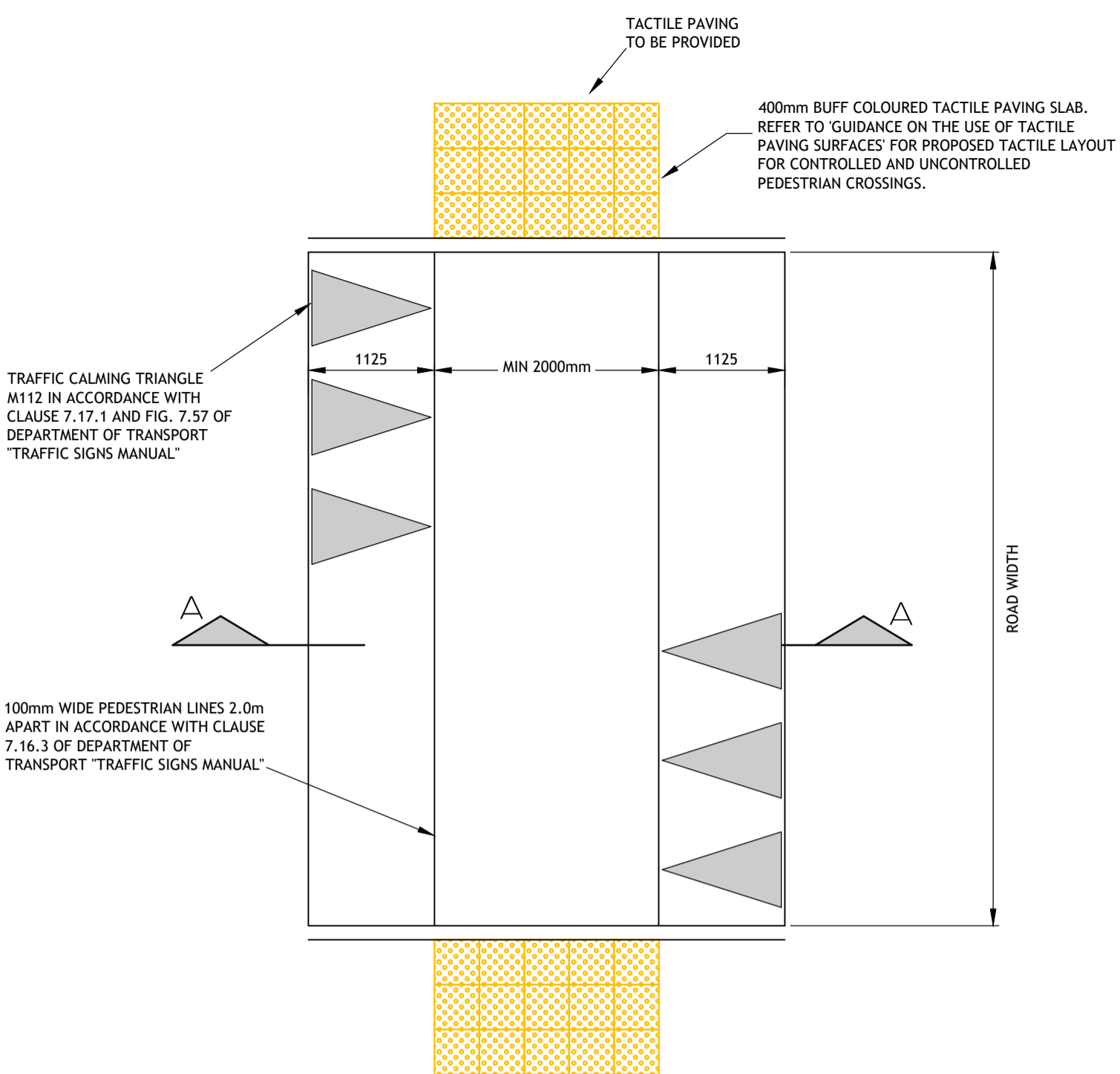
SECTION THROUGH SPEED RAMP  
SCALE 1:20



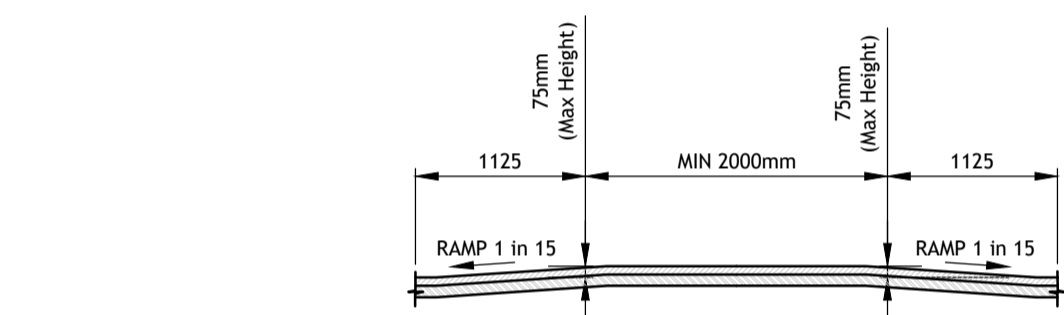
SPEED RAMP PLAN  
SCALE 1:20



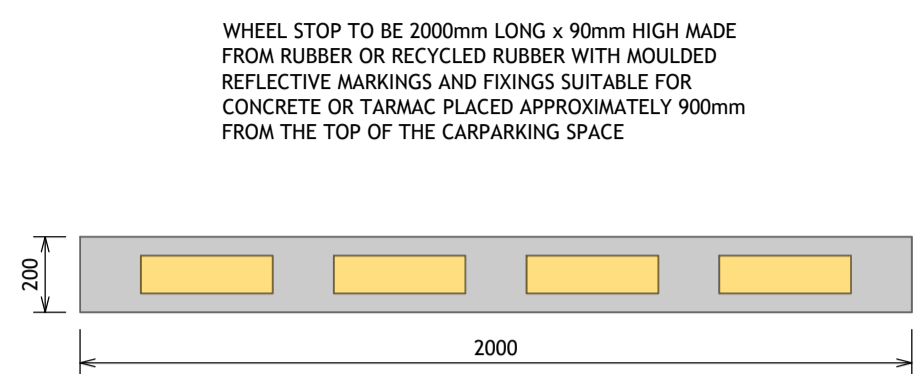
	ACTIVITY	CC Construction & Commissioning	PUBLICATION TITLE	TACTILE AND PAVING DETAILS AND RECOMMENDED GRADIENTS AT UNCONTROLLED PEDESTRIAN CROSSING
	STREAM	STANDARD CONSTRUCTION DETAILS (SCD)	HISTORICAL REFERENCE	N/A
	DOCUMENTATION SET	STANDARDS	PUBLICATION DATE	JULY 2021
			PUBLICATION NUMBER	CC   SCD   05138



RAISED TABLE PLAN  
SCALE 1:50 @ A1



SECTION A-A RAISED TABLE  
SCALE 1:50 @ A1



TYPICAL WHEELSTOP DETAILS  
Scale 1:20

Guidelines for Managing Openings in Public Roads

General Reinstatement Notes	General Reinstatement Notes GN1
to be read in conjunction with Chapter 6, General Arrangement and Standard Drawings	
<p>1. Compliance with these drawings and details are mandatory. Dependent on circumstances and where drawings provide optional alternatives, road authorities may specify one option only as being applicable. Where a utility has an approved equivalent detail for bedding and surround this may be substituted for the bedding and surround detail shown in the Standard Drawings, provided it is agreed with the road authority in advance.</p> <p>2. Full width/laneway reinstatements works shall be machine laid with materials used in accordance with TII Specification for Road Works and use materials and depths of reconstruction to match the existing surface. Note: Surface Dressing does not constitute full width reinstatement unless the structural Asphaltic Concrete (AC) layer is provided over the full width.</p> <p>3. On approach to the works site, the name of the contractor and Licence Holder must be clearly displayed with a 24 hour contact number.</p> <p>4. All works shall have a temporary traffic management plan, which shall be available for inspection on site, and shall comply with the Traffic Signs Manual and health and safety requirements.</p> <p>5. Prior to any excavation works taking place, the location of all underground and over ground services must be identified and marked by a competent person trained in the use of cable detectors. Contact shall be made with all relevant service providers in this regard.</p> <p>6. All works and materials shall comply with the TII Specification for Road Works, Series 900 of that specification will be the March 2011 version. All other Series will be to the current version.</p> <p>7. Excavation on a road should not be closer than 500mm to the kerb line in order to prevent undermining of the adjacent footpath. The trench should be located so as to avoid surface joints being located in the wheel track as far as reasonably practicable.</p> <p>8. All bound (or concrete) edges shall be saw cut to expose the full vertical thickness of each layer prior to excavation. All edges shall be essentially straight, smooth and vertical.</p> <p>9. Excavations shall be sufficiently protected to avoid harmful effects caused by weather or adjacent wheel loading.</p> <p>10. Refer to Chapter 6 for requirements on pipe/duct type/colour and marker tape.</p> <p>11. The method of work shall ensure proper compaction and such compaction may be tested by the road authority. To ensure adequate compaction, minimum clearances must be maintained vertically and horizontally between individual ducts or services installed in a group.</p> <p>12. Cl.808 to be used within 500mm of cement bound materials, concrete pavements, concrete structures or concrete products. Otherwise Cl. 804 may be used. Foamed concrete to Cl. 1043 may only be used as a bedding material or backfill material with prior approval of the road authority. Cement Bound Granular Mixture B shall have a minimum strength class of CB/10, unless otherwise directed.</p> <p>13. Where steel plates or other trench covers are used, they must comply with Section 6.3.7.</p> <p>14. Hand laying of hot bituminous mixtures shall be restricted to the following circumstances:                     <ul style="list-style-type: none"> <li>i. At the edges of the layers of material and at gullies, manholes and other ironwork.</li> <li>ii. In confined spaces where it is impracticable for a paver to operate.</li> <li>iii. At the approaches to expansion joints at bridges, viaducts or other structures.</li> <li>iv. Transverse reinstatements less than 4 metres in width.</li> <li>v. Longitudinal reinstatements less than 20 metres in length.</li> <li>vi. Surface course reinstatements of longitudinal excavations less than 1 metre in width.</li> <li>vii. Temporary reinstatement</li> </ul>                     The method of laying shall be such that the finished surface is free from dragging, tearing and segregation of the material.                 </p> <p>15. All surface course aggregate shall have a minimum PSV of 60 declared unless otherwise specified by the road authority. Temporary surfaces to be managed in accordance with RLS8/2007.</p> <p>16. Any damage to the road structure or areas adjacent to the opening and resulting from the works shall be repaired and included within the area to be reinstated.</p> <p>17. Where there are exceptional circumstances not covered by the drawings, the reinstatement specification must be agreed with the road authority.</p>	

Guidelines for Managing Openings in Public Roads

Roadways: Longitudinal Openings at Heavy Duty Locations	Standard Drawing SD6
Permanent Reinstatement	
<p><b>NOTES:</b></p> <p>Notes 1-17 listed in General Reinstatement Notes apply.</p> <p>18. As a minimum the reinstatement layer shall match existing bound AC layers or depths shown.</p> <p>19. Where a temporary surface has been used, material shall be placed out to the depth specified in this drawing. The new permanent surface shall be machine laid and mechanically compacted with a vibrating roller.</p> <p>20. The above surface and binder courses and CBGM road base can be replaced by 40mm rolled Asphalt Surface Course to Clause 911 on 60mm deep asphalt concrete base course to Clause 906 on 200mm of asphalt concrete road base (40mm nominal size) to Clause 903.</p> <p>21. Where the trimmed edge of an excavation is within 400mm* of a joint/edge, ironwork or other reinstatement, this trimmed edge shall be extended to include same and the area of reinstatement shall be extended accordingly. (* increase to 800mm where this is pre-existing practice)</p> <p>22. Clause 808 or Cement Bound Granular Material surface to be sprayed per Clause 920 prior to application of Asphalt Concrete Layer.</p> <p>23. Joint sealer to be a hot 40/60 pen bitumen binder or cold thixotropic bitumen 50 - 70 pen to be applied to all vertical cuts in accordance with B.S. 594987 prior to application of bituminous materials.</p> <p>24. Joints sealed with hot bitumen and topped with fine sand/grit to get a minimum 55 skid resistance value as determined by the Portable Skid Resistance Pendulum used in accordance with Road Note 27 and shall not exceed 3mm depth and 50mm width or other method approved by the road authority.</p> <p>25. Surface course to match existing surfaces unless otherwise directed by road authority.</p> <p>26. The coarse aggregate in the asphalt concrete surface course shall have a polished stone value of not less than 60.</p> <p>27. Cycle lane to be reinstated to match existing surface (refer to Chapter 5).</p>	

Guidelines for Managing Openings in Public Roads

Roadways: Transverse Openings	Standard Drawing SD7
Permanent Reinstatement	
<p><b>NOTES:</b></p> <p>Notes 1-17 listed in General Reinstatement Notes apply.</p> <p>18. Where a temporary surface has been used, material shall be placed out to the depth specified in this drawing. The new permanent surface shall be machine laid and mechanically compacted with a vibrating roller.</p> <p>19. Where the trimmed edge of an excavation is within 400mm* of a joint/edge, ironwork or other reinstatement, this trimmed edge shall be extended to include same and the area of reinstatement shall be extended accordingly. (* increase to 800mm where this is pre-existing practice)</p> <p>20. Cement Bound Granular Material surface to be sprayed per Clause 920 prior to application of Asphalt Concrete Layer.</p> <p>21. Joint sealer to be a hot 40/60 pen bitumen binder or cold thixotropic bitumen 50 - 70 pen to be applied to all vertical cuts in accordance with B.S. 594987 prior to application of bituminous materials.</p> <p>22. Joints sealed with hot bitumen and topped with fine sand/grit to get a minimum 55 skid resistance value as determined by the Portable Skid Resistance Pendulum used in accordance with Road Note 27 and shall not exceed 3mm depth and 50mm width or other method approved by the road authority.</p> <p>23. The coarse aggregate in the surface course Asphalt Concrete shall have a polished stone value of not less than 60.</p> <p>24. A minimum depth of cover of 600mm shall be allowed on lightly trafficked roads as directed by the road authority.</p> <p>25. Surface course to match existing surfaces unless otherwise directed by road authority.</p>	

Rev	Amendment	By	Date	Rev	Amendment	By	Date
C01	ISSUED FOR PLANNING	SK	2026-05-15				

Client:	By:	Date: