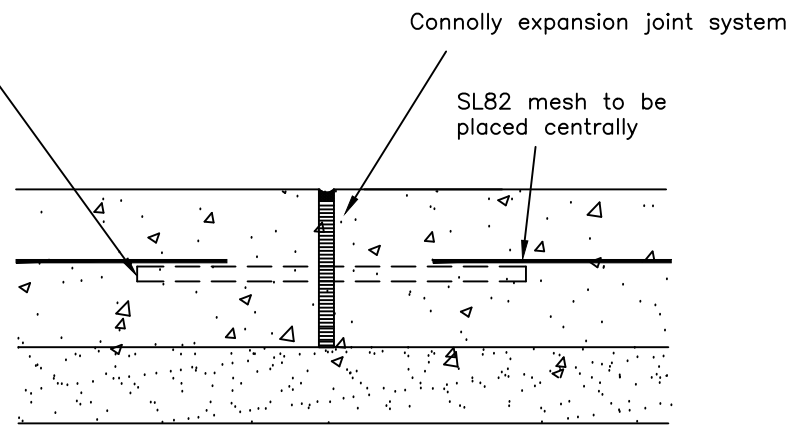
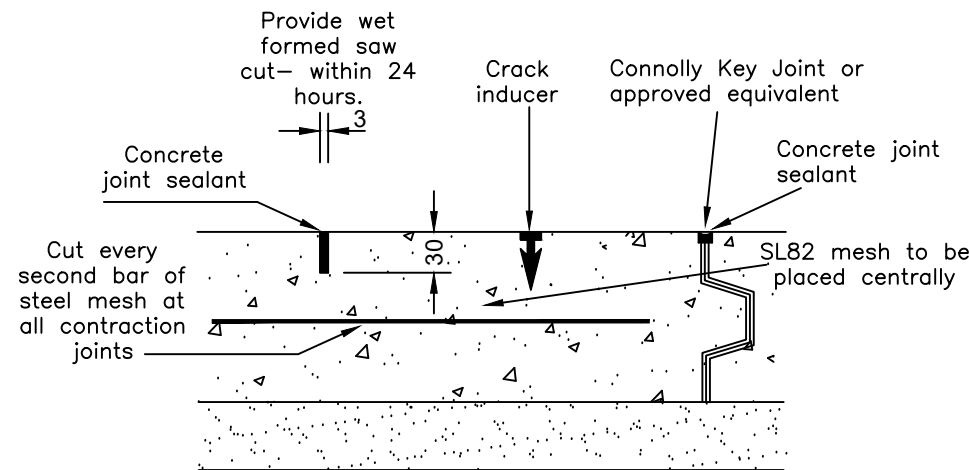


Use appropriate product per Connolly expansion joint technical guidance.



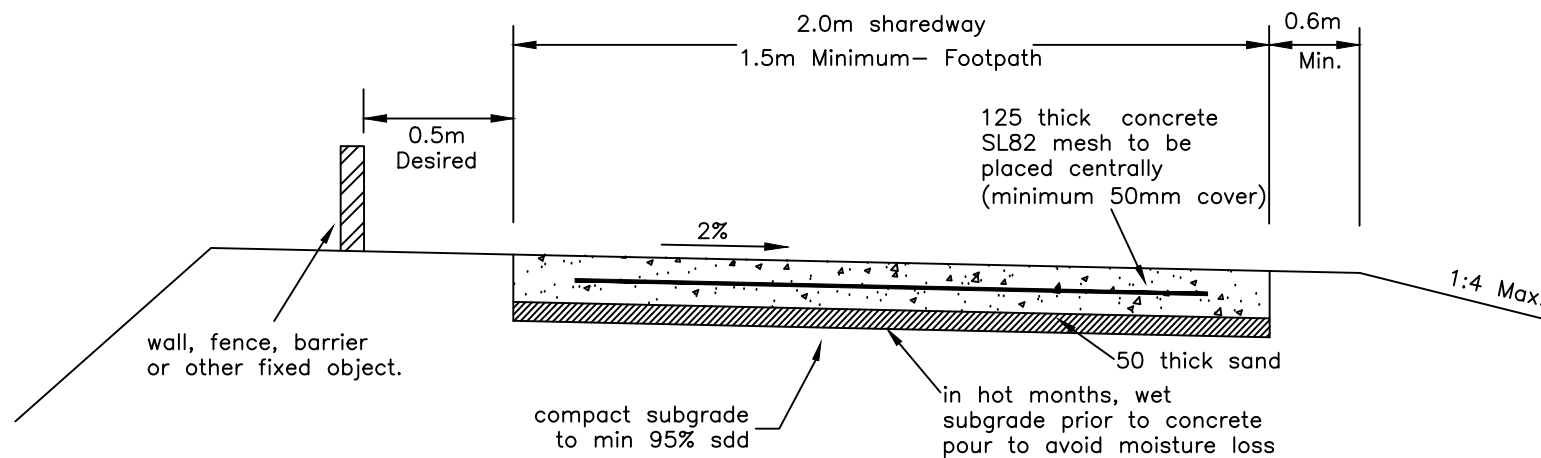
EXPANSION JOINT- CONNOLLY EXPANSION JOINT SYSTEM



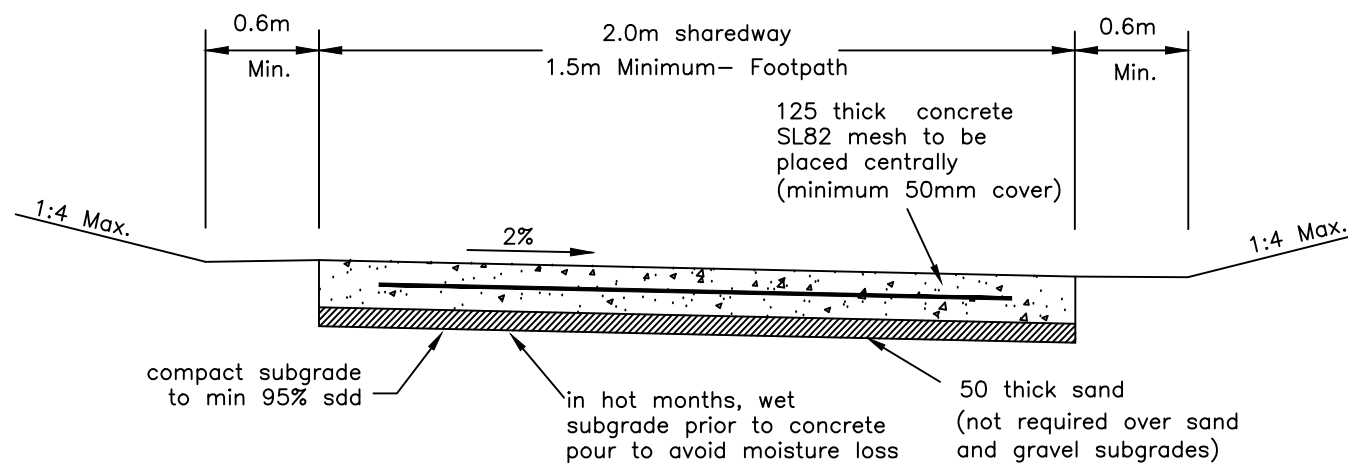
CONTRACTION JOINTS OPTIONS

NOTES:

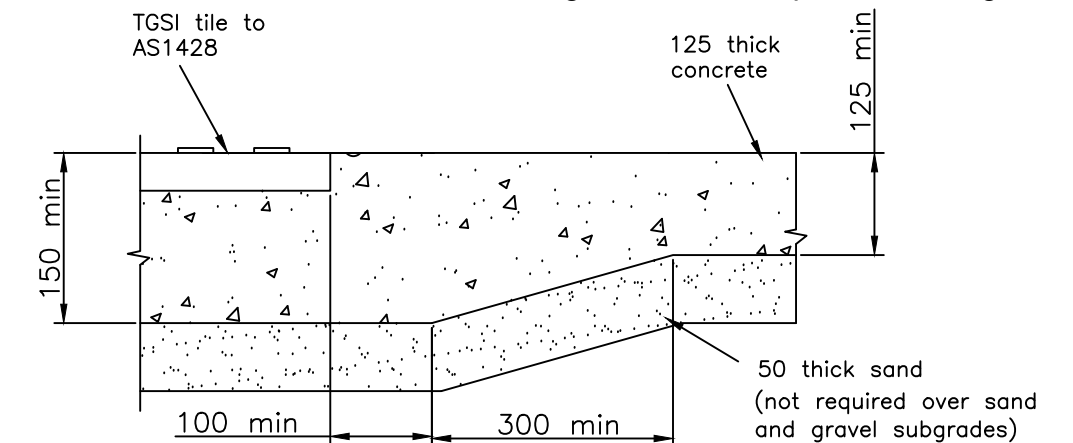
1. Concrete to be min N32 to AS3600
2. Construction shall be accordance with Aus-Spec 0319 - Auxillary Concrete Works
3. 10mm Aggregate size with an 80mm slump
4. Provide expansion joints at max. 3 x width
5. Provide contraction joints at max. 1 x width
6. Provide expansion joints at connections to kerbs and structures
7. Every second bar of steel reinforcing mesh shall be cut at all contraction joints.
8. Path surface shall be broom finished, Trowel and round all edges.
9. Make smooth connection to existing paths, max step +3mm above, -0mm below existing. Trowel and round all edges.
10. Clearance to obstructions from path shall be min 0.2m
11. Provide expansion joint both sides of vehicle crossing.
12. For industrial vehicle crossings refer to SD-RD-009
13. For residential vehicle crossings refer to SD-RD-008
14. Path crossfall shall be max 1:50
15. All dimension are in millimetres unless otherwise stated
16. TGSI Placement to be in accordance with AS1428
17. Refer to AS 1428.2 for gradients of ramps and landings.



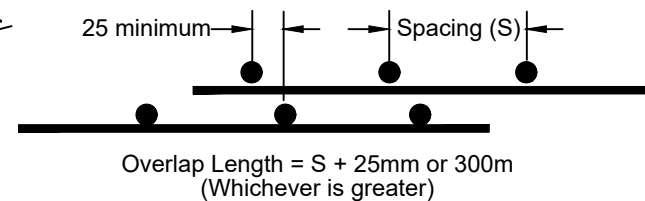
TYPICAL CROSS SECTION (IN FILL)



TYPICAL CROSS SECTION (IN CUT)



LOCALISED THICKENING UNDER TGSI (HALF SECTION)



TYPICAL LAPS OF STEEL MESH REINFORCEMENT

NOT TO SCALE

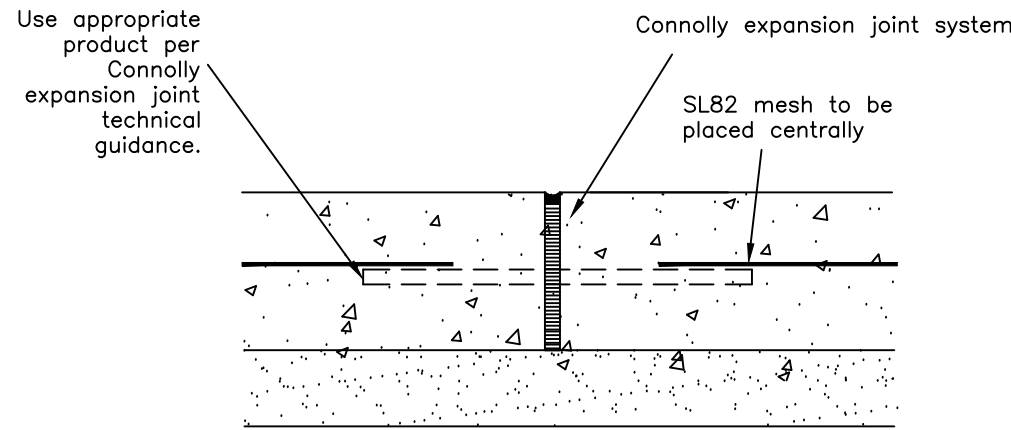
REV.	DATE	REVISION
1	JAN 2024	INITIAL ISSUE- CCC DRAWING SET
0	AUG 2022	INITIAL ISSUE- IPWEA DRAWING SET (REVISED CROSS-SECTION AND NOTES)

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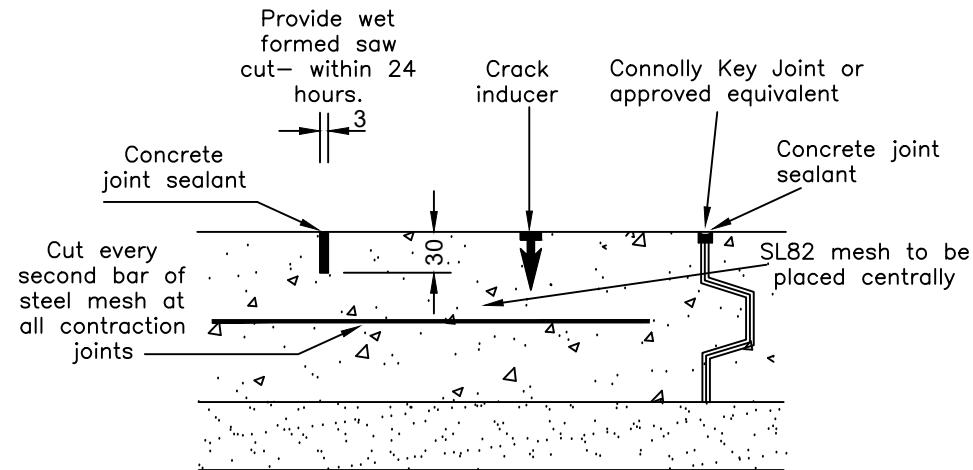
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STANDARD FOOTPATH DETAILS

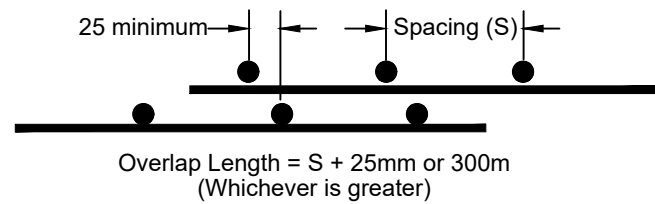
SD-FC-001



**EXPANSION JOINT- CONNOLLY
EXPANSION JOINT SYSTEM**



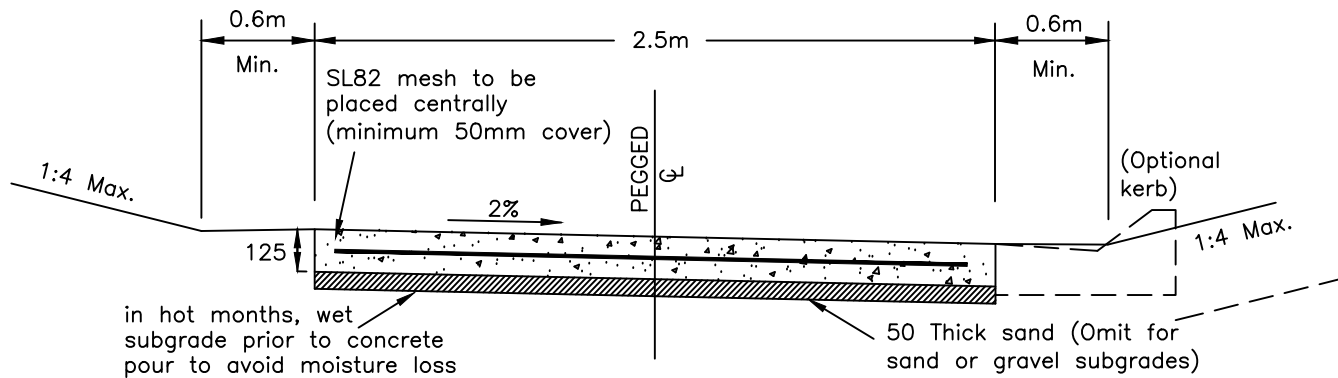
CONTRACTION JOINTS OPTIONS



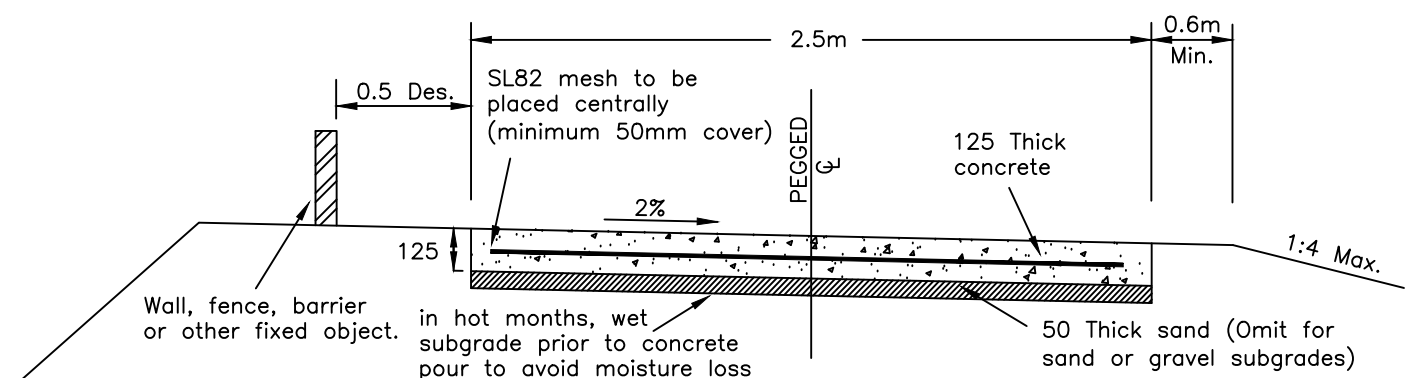
**TYPICAL LAPS OF STEEL
MESH REINFORCEMENT**

NOTES:

1. Concrete to be min N32 to AS3600
2. Construction shall be accordance with Aus-Spec 0319 - Auxillary Concrete Works
3. 10mm Aggregate size with an 80mm slump
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5. Provide contraction joints at max. 1 x width
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10. Clearance to obstructions from path shall be min 0.2m
11. Provide expansion joint both sides of vehicle crossing.
12. For industrial vehicle crossings refer to SD-RD-009
13. For residential vehicle crossings refer to SD-RD-008
14. Path crossfall shall be max 1:50
15. All dimension are in millimetres unless otherwise stated.
16. Refer to AS1428 and SD-FC-001 for TGSI standard treatment.




TYPICAL CROSS SECTION (IN CUT)



TYPICAL CROSS SECTION (IN FILL)

NOT TO SCALE

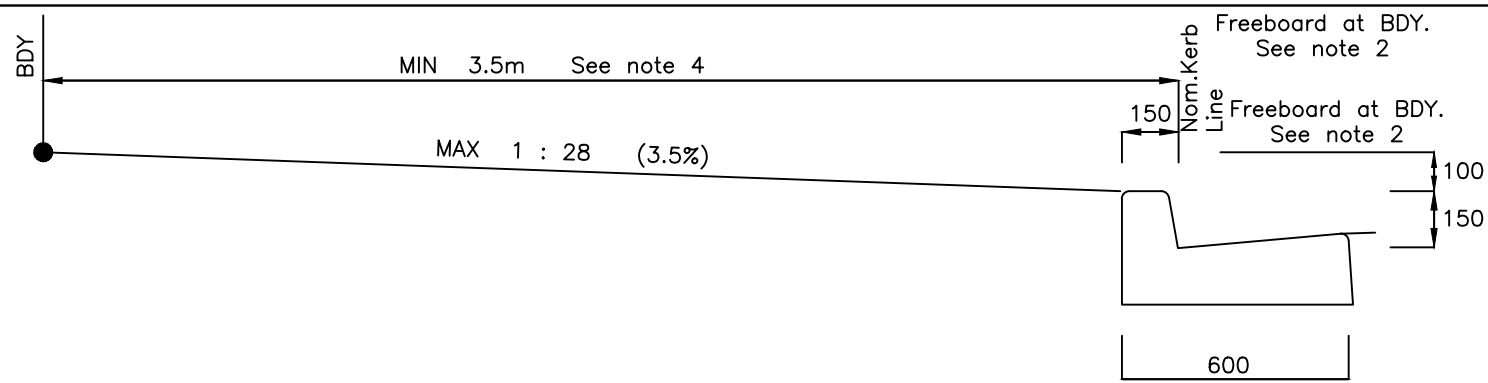
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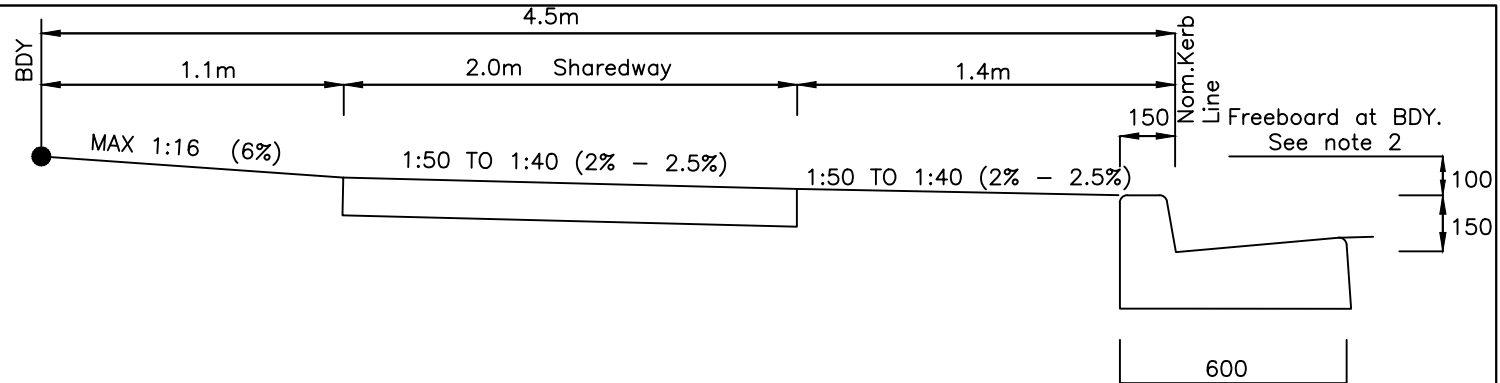
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STANDARD CYCLEWAY DETAILS

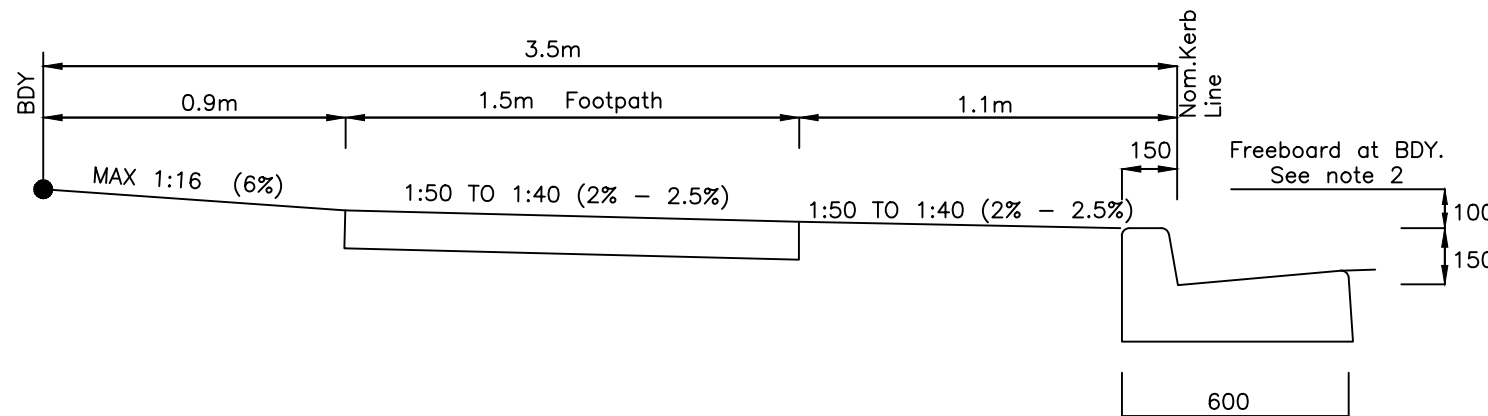
SD-FC-002



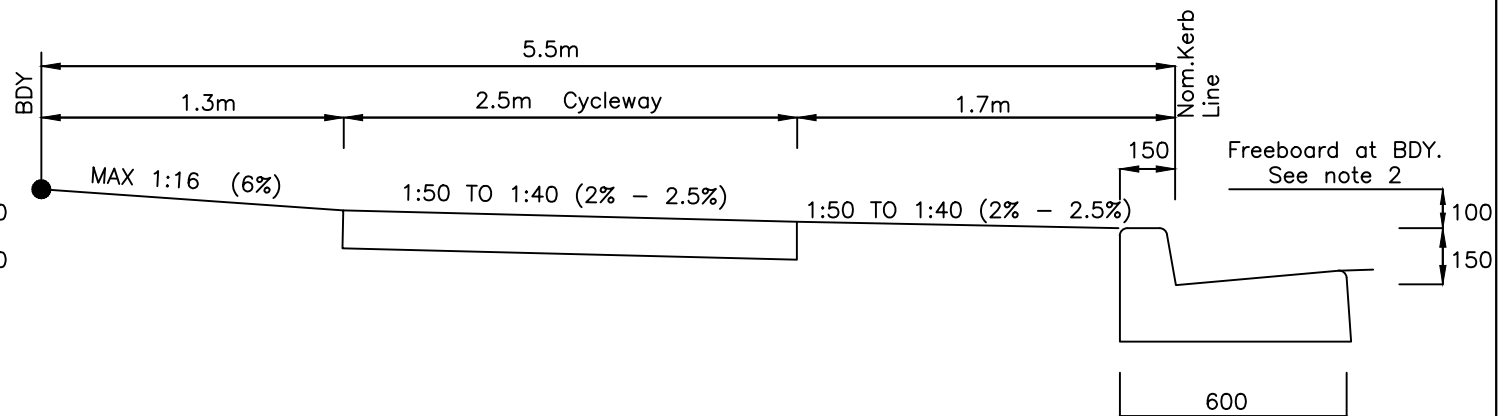
FOOTWAY PROFILE WITHOUT FOOTPATH TYPE SA K&G - 3.5M VERGE



FOOTWAY PROFILE WITH FOOTPATH TYPE SA K&G - 4.5M VERGE



FOOTWAY PROFILE WITH FOOTPATH TYPE SA K&G - 3.5M VERGE



FOOTWAY PROFILE WITH FOOTPATH TYPE SA K&G - 5.5M VERGE

NOTES:

1. Survey marks are to be located and indicated on design plans prior to construction. Refer to Surveying and Spatial Information Act Sec24 and Surveyor General Direction No11.
2. Driveway profiles are applicable to 1% AEP flows designed to be contained within the kerb and gutter and provide 100mm freeboard in accordance with AUS-SPEC 0074 - Stormwater drainage (Design).
3. Where designed flow depth for major event (1% AEP) exceeds kerb height, minimum 100mm freeboard is to be provided at boundary line. Details to be submitted to Council for approval prior to construction.
4. For driveway change of grade greater than 12.5% provide 3.0m transition. Transition must not start until the 100mm freeboard has been attained.
5. Standard footway & driveway profiles have been based on a typical footway of minimum width 3.0m. For footway width less than 3.0m typical driveway and footway long sections are to be submitted to Council for approval.
6. Driveway profiles are to conform to the requirements of AS/NZS 2890.1 Parking Facilities - Off - Street Car Parking.
7. All dimensions in millimetres unless otherwise noted.
8. Where standard designs cannot be implemented, eg. due to natural surface levels, low points in the road, etc, alternative design should be submitted to Council for consideration. Particular attention shall be made to ensure properties which are below the road level do not create a stormwater overland flow path.

NOT TO SCALE

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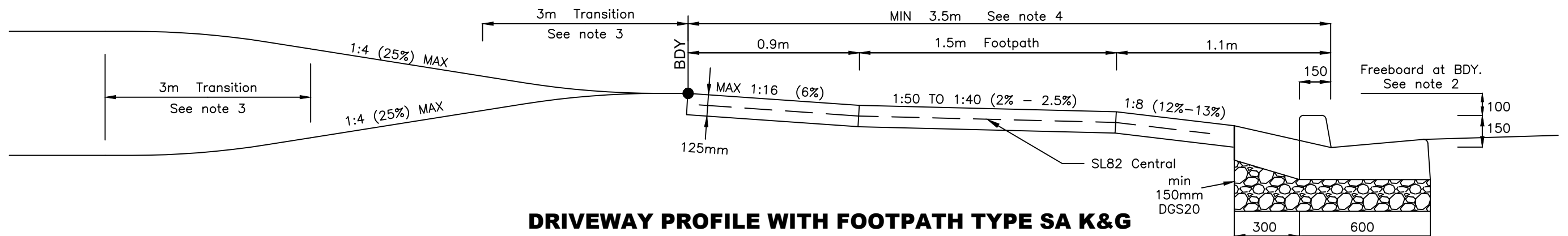
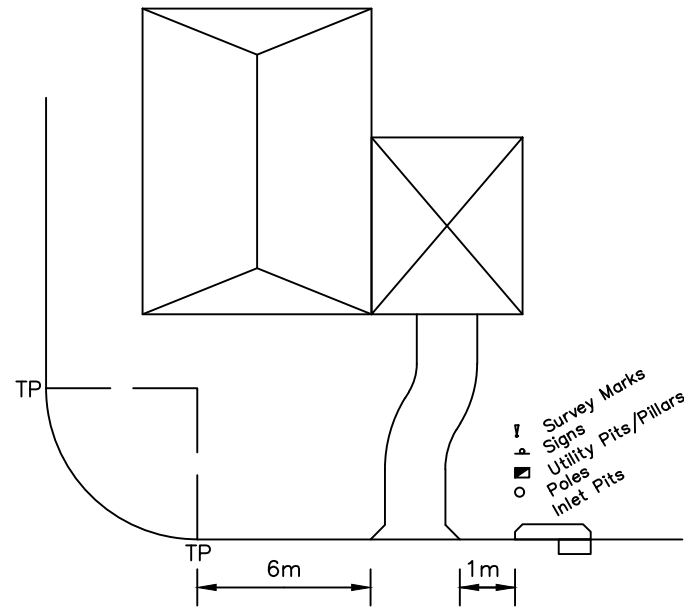

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FOOTWAY AND DRIVEWAY PROFILES FOR SA KERB AND GUTTER

SD-FC-004A

Driveways minimum of 6m from tangent point of street curve (corner sites)



NOTES:

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NOT TO SCALE

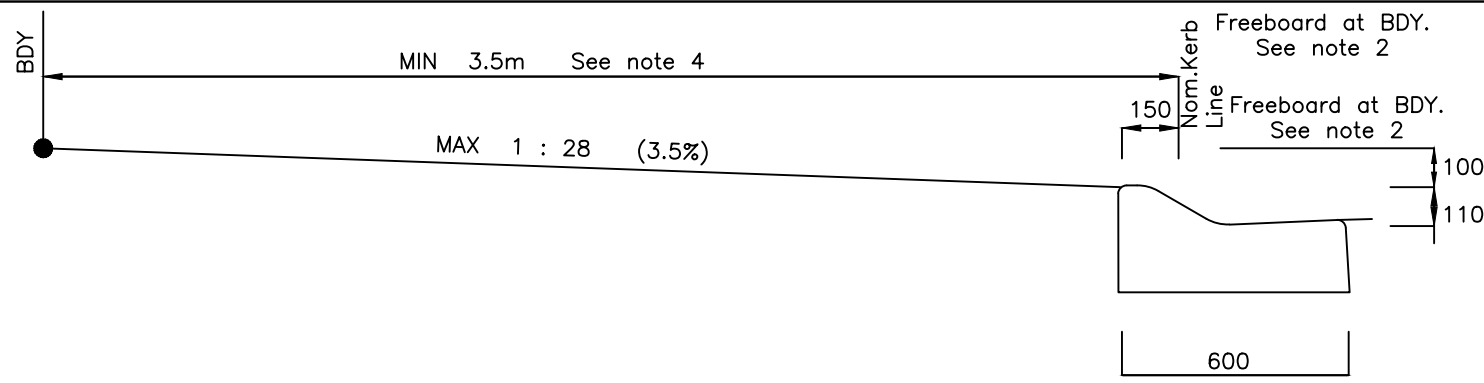
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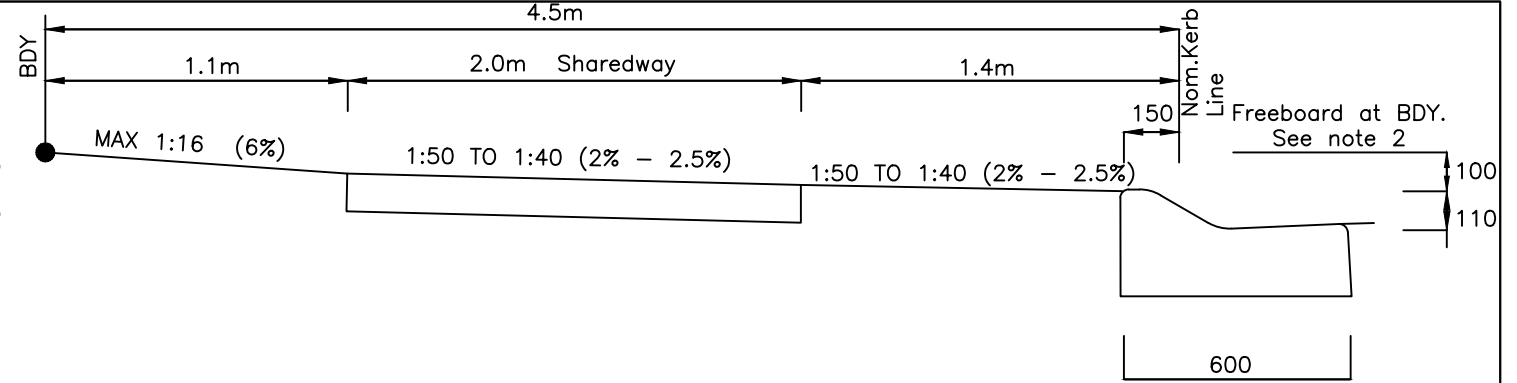
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FOOTWAY AND DRIVEWAY PROFILES FOR SA KERB AND GUTTER

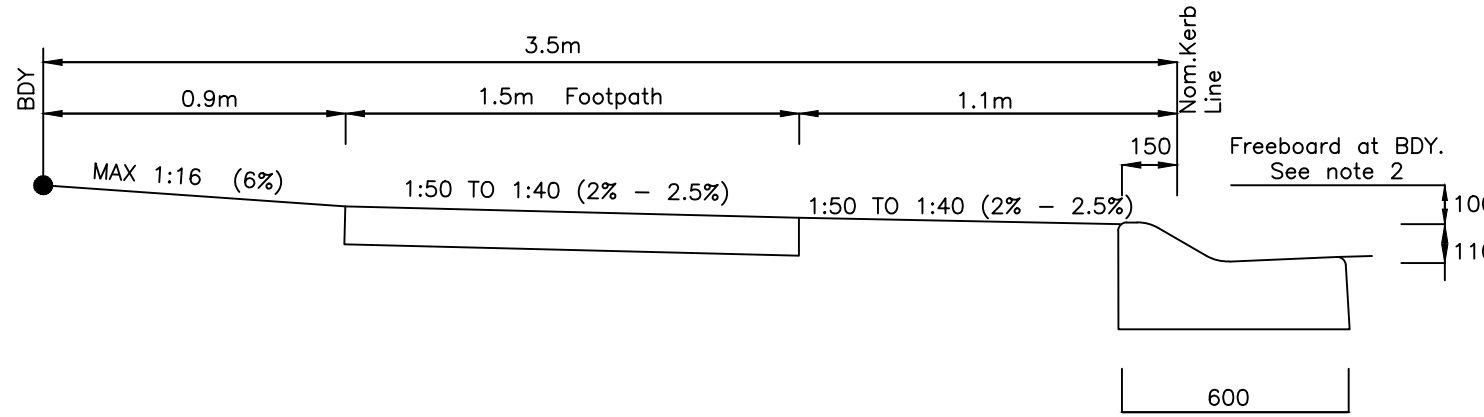
SD-FC-004B



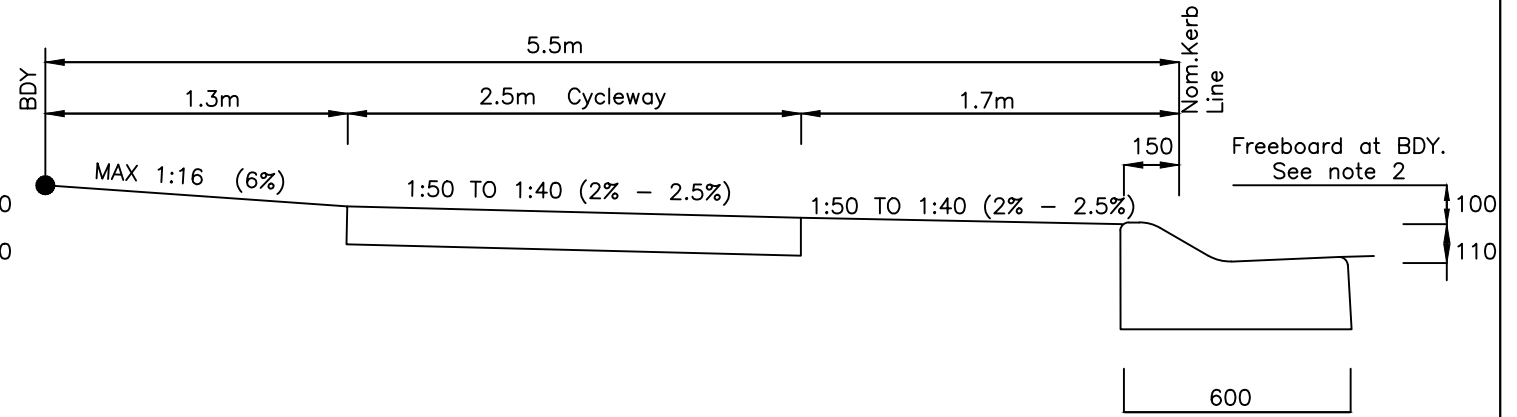
FOOTWAY PROFILE WITHOUT FOOTPATH TYPE RT K&G - 3.5M VERGE



FOOTWAY PROFILE WITH FOOTPATH TYPE RT K&G - 4.5M VERGE



FOOTWAY PROFILE WITH FOOTPATH TYPE RT K&G - 3.5M VERGE



FOOTWAY PROFILE WITH FOOTPATH TYPE RT K&G - 5.5M VERGE

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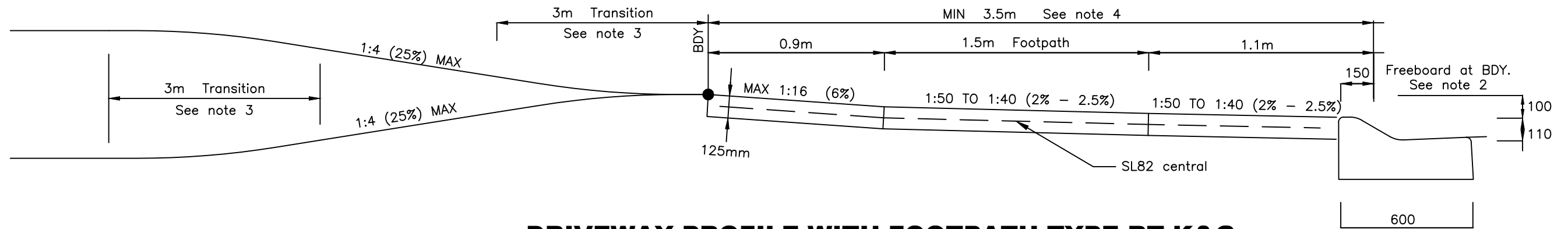
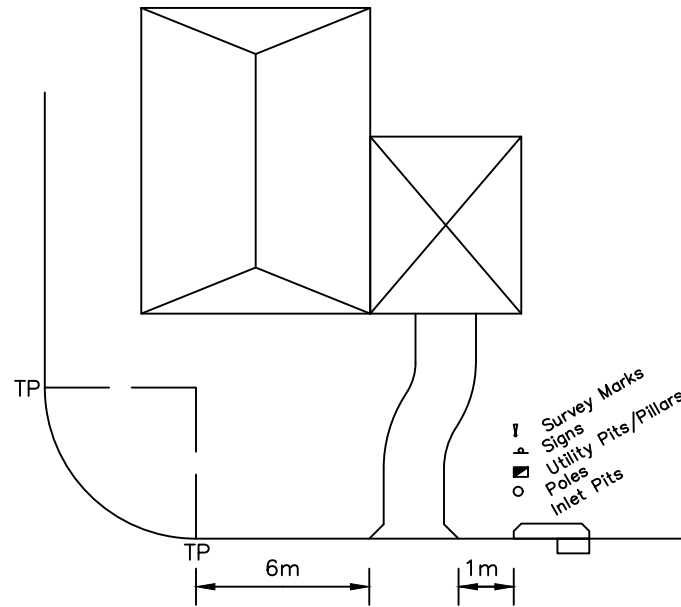

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FOOTWAY AND DRIVEWAY PROFILES FOR RT KERB AND GUTTER

SD-FC-005A

Driveways minimum of 6m from tangent point of street curve (corner sites)




DRIVEWAY PROFILE WITH FOOTPATH TYPE RT K&G

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FOOTWAY AND DRIVEWAY PROFILES FOR RT KERB AND GUTTER

SD-FC-005B