



Transport
for NSW

PAVEMENT STANDARD DRAWINGS

RIGID PAVEMENT

BICYCLE PATH DESIGN

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50mm ON A3 SIZE ORIGINAL

APPROVED FOR USE		7/04/2020		PREPARED BY: PAVEMENTS AND GEOTECHNICAL UNIT ENGINEERING SERVICES SECTION TECHNICAL SERVICES BRANCH		A3
DIRECTOR PAVEMENTS AND GEOTECHNICAL		SAMUEL HENWOOD		REGISTRATION No OF PLANS DS2012/000293		SHEET No 01
ISSUE ED1 REV2		DATE 7/04/2020		REFERENCE No P1217		No OF SHEETS 04

REVISION REGISTER

ED/REV	DATE	SHEET	AMENDMENT DESCRIPTION	AUTHORISED
1/0	02/07/2013	ALL	INITIAL ISSUE	PRP&GE *
1/1	09/07/2013	ALL	MINOR CHANGES	PRP&GE *
1/2	7/04/2020	ALL	MINOR CHANGES	DP&G **

* PRINCIPAL ROAD PAVEMENT AND GEOTECHNICAL ENGINEER
 ** DIRECTOR, PAVEMENTS AND GEOTECHNICAL

SCHEDULE OF DRAWINGS

SHEET	DRAWING TITLE
01	COVER SHEET
02	REVISION REGISTER, GENERAL NOTES
03	2.5 m, 3.0 m AND 4.0 m WIDE SLABS, TYPICAL PLAN LAYOUT
04	SLAB SECTIONS AND DETAILS

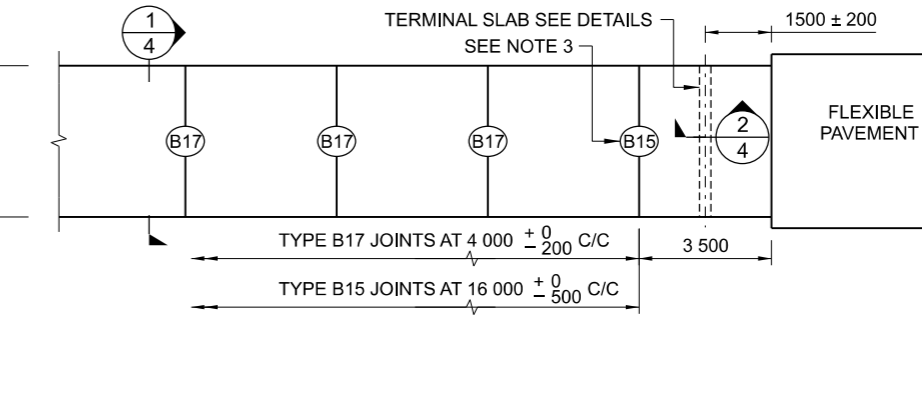
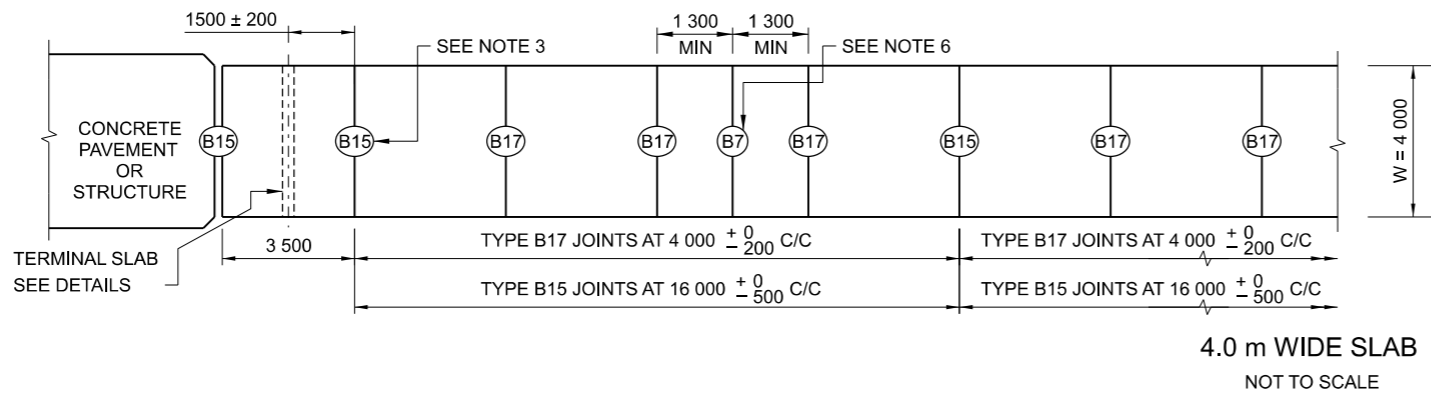
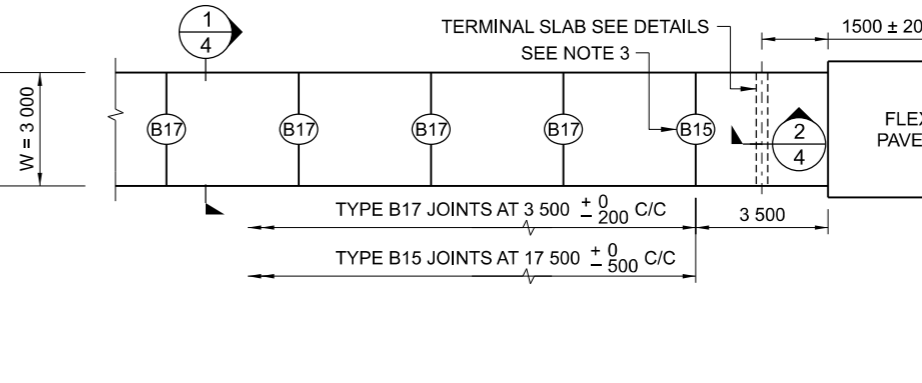
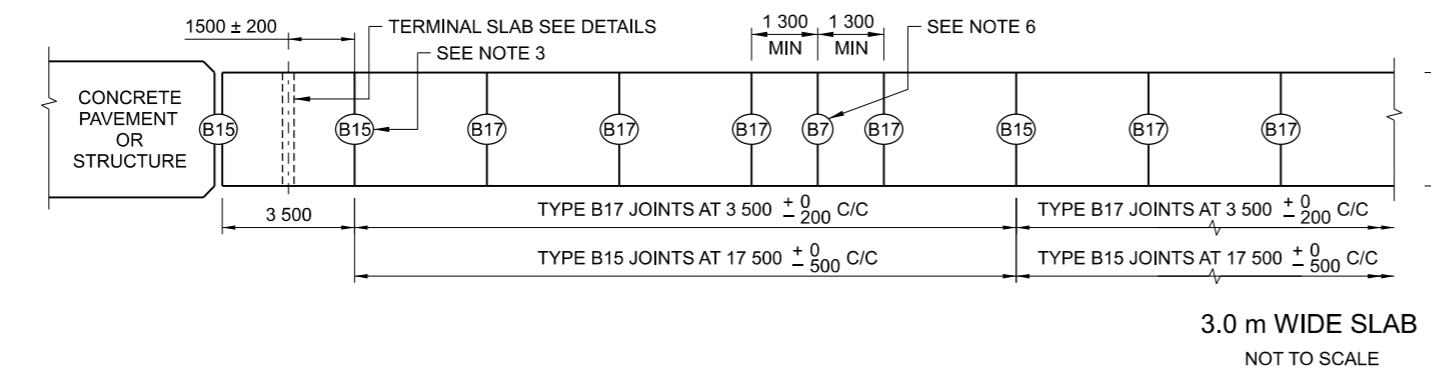
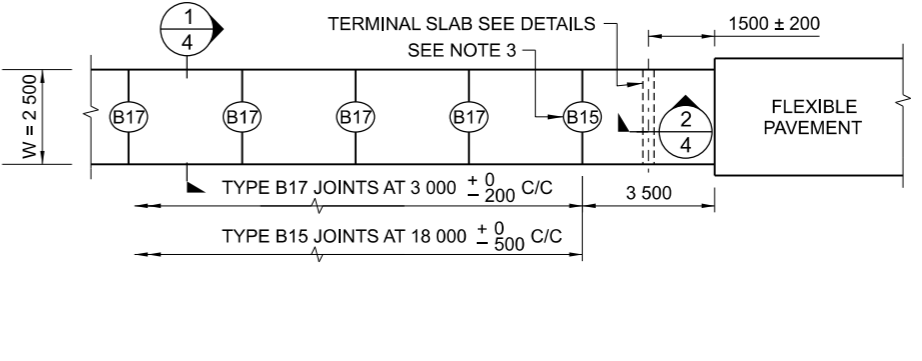
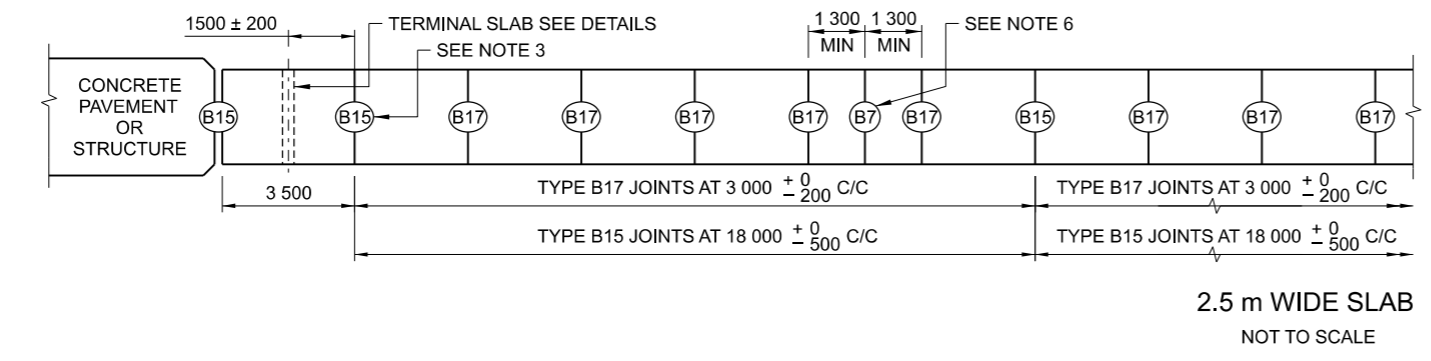
GENERAL NOTES

- SLAB LENGTHS MAY BE VARIED BY ± 5% TO SUIT LOCAL CONDITIONS.
- TRANSVERSE JOINTS MUST BE ALIGNED SQUARE TO THE LONGITUDINAL EDGE, WITH A TOLERANCE OF ± 6°.
- TYPE B15 ISOLATIONS JOINTS MUST BE PROVIDED AT THE FOLLOWING LOCATIONS:
 - AT THE INTERFACE OF FLEXIBLE PAVEMENTS AND STRUCTURES,
 - FIRST JOINT AWAY FROM JUNCTIONS WITH FLEXIBLE PAVEMENTS AND STRUCTURES,
 - AT INTERMEDIATE CENTRES AS SHOWN IN THE BICYCLE PATH TYPICAL PLAN LAYOUTS IN SHEET 3.
- TYPE B15 JOINTS CAN BE CONSTRUCTED AS FORMED JOINTS (BY CHEQUERBOARD PAVING), BY FULL-DEPTH SAWCUT OR BY ANY OTHER METHOD APPROVED BY THE PRINCIPAL.
- PLACE A TYPE B15 JOINT AROUND ALL ABUTTING STRUCTURES SUCH AS PITS, UTILITY SERVICES, POWER POLES, KERBS.
- THE OPTIONS FOR END-OF-DAY CONSTRUCTION JOINTS ARE AS FOLLOWS:
 - TYPE B7 JOINTS MAY BE USED. THEY MUST BE LOCATED EITHER MIDWAY BETWEEN B17 JOINTS OR IN LIEU OF A B17 JOINT. THEY MUST NOT BE USED IN LIEU OF A B15 JOINT.
 - PAVING MAY BE TERMINATED AT A TYPE B15 JOINT.
- SELF-EXPANDING CORK SEALANTS MUST FILL THE FULL JOINT CAVITY TO PREVENT THE INGRESS OF INCOMPRESSIBLE MATERIALS.
- DEBOND TYPE B7 JOINTS TO PREVENT CHEMICAL BONDING.
- ENSURE REINFORCING STEEL IS PLACED TO PROVIDE 30 mm MINIMUM COVER BELOW THE SAWCUT.
- AN ALTERNATE JOINT DETAIL OR SEALANT MATERIAL CAN BE USED ACCORDING TO THE LOCAL COUNCIL STANDARDS IF THE ASSET IS GOING TO BE HANDED OVER TO THE COUNCIL.
- MOISTEN THE SUBBASE WITH WATER BEFORE PLACING THE CONCRETE.
- COMPLY WITH RMS SPECIFICATIONS R53 AND R54 FOR MATERIALS AND CONSTRUCTION.
- ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS SHOWN OTHERWISE.

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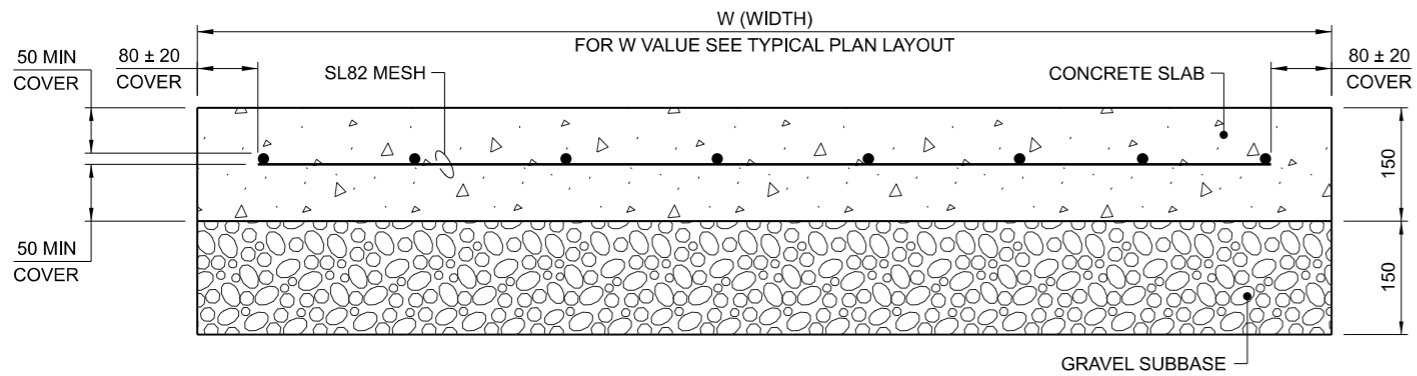
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		APPROVED FOR USE 7/04/2020			ISSUE ED1 REV2	DATE 7/04/2020	REFERENCE No P1217	No OF SHEETS 04
		DIRECTOR PAVEMENTS AND GEOTECHNICAL S. HENWOOD						



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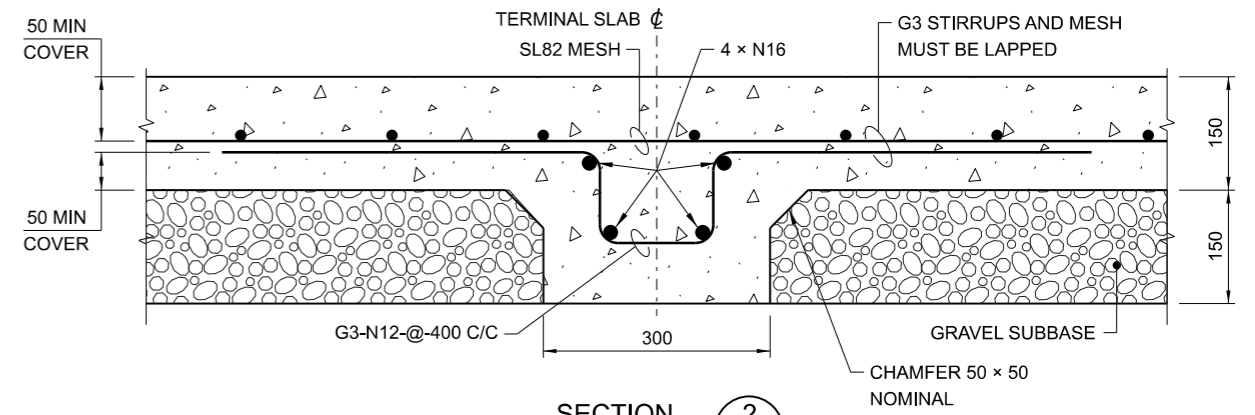
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		APPROVED FOR USE 7/04/2020			DS2012/000293	03		
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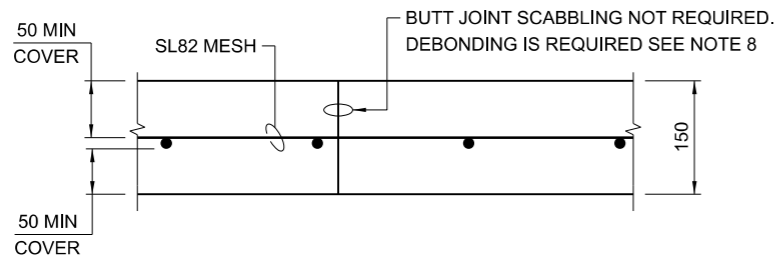
SECTION 1
NOT TO SCALE 3

BICYCLE PATH TYPICAL CROSS SECTION

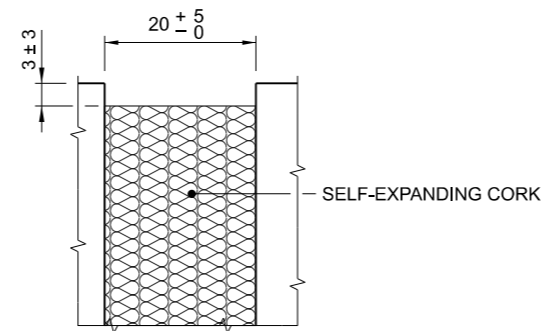


SECTION 2
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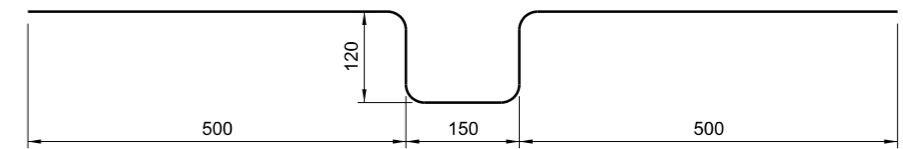
TYPICAL TERMINAL SLAB



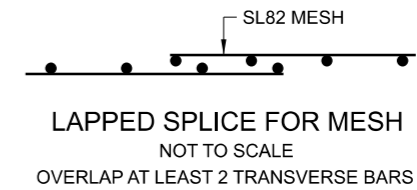
B7 TRANSVERSE CONSTRUCTION / FORMED / TIED
AT START AND END OF DAILY PAVING OPERATIONS. SEE NOTE 6
NOT TO SCALE



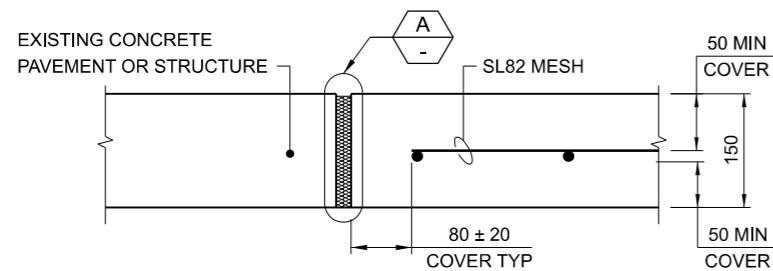
DETAIL A
NOT TO SCALE



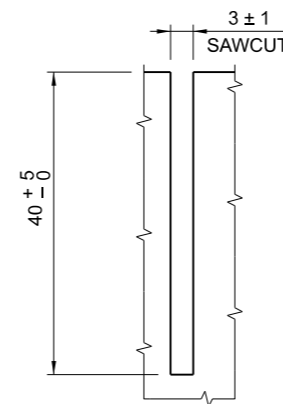
BAR SHAPE G3
NOT TO SCALE



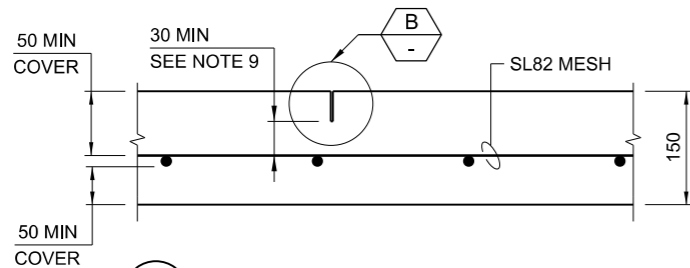
LAPPED SPLICE FOR MESH
NOT TO SCALE
OVERLAP AT LEAST 2 TRANSVERSE BARS



B15 ISOLATION JOINT
NOT TO SCALE



DETAIL B
NOT TO SCALE



B17 TRANSVERSE HINGE / TIED / SAWN
NOT TO SCALE

SCALES: NOT TO SCALE, OR AS NOTED.

A3 ORIGINAL

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ENGINEERING SERVICES SECTION
TECHNICAL SERVICES BRANCH

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DIRECTOR
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S. HENWOOD



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