



**PLAN**

**NOTES CONTINUED:**

9. ANY EXISTING ASPHALTIC PLUG JOINTS AND BURIED JOINTS SHALL BE REMOVED WHERE INSTRUCTED.
10. DECK DRAINAGE PIPES (OR HYDRAULIC RELIEF TUBES WHERE DECK DRAINAGE PIPES ARE IMPRACTICABLE) SHALL BE INSTALLED AT ALL LOW POINTS. SEE INDIVIDUAL BRIDGE DRAWINGS FOR DETAILS.
11. FOR SECTIONS A, B & C, REFER TO DRAWING No. HCC11/S/030. FOR SECTION D, REFER TO DRAWING No. HCC11/S/035.

**NOTES:**

1. ALL DIMENSIONS ARE IN MILLIMETRES.
2. THE DETAILS ON THIS DRAWING ARE INDICATIVE ONLY OF THE MANNER OF JOINT TREATMENT. THE CONTRACTOR IS TO SUBMIT TO THE OVERSEEING ORGANISATION, FOR ACCEPTANCE, HIS PROPOSALS FOR ADAPTING THE DETAILS SHOWN TO EACH INDIVIDUAL BRIDGE.
3. WIDTH OF THE FINISHED FLEXIBLE BRIDGING JOINT SHALL BE SUFFICIENT TO ACCOMMODATE ALL HORIZONTAL, VERTICAL AND ROTATIONAL MOVEMENT AT THE JOINT. WIDTHS PROPOSED BY THE CONTRACTOR SHALL BE AS SPECIFIED IN THE BILL OF QUANTITIES.
4. INSTALLATION OF THE JOINTS IN VERGES & ON CENTRAL RESERVES SHALL TAKE PLACE ONLY AFTER THE CONCRETE INFILL HAS REACHED A CUBE STRENGTH OF 15N/mm<sup>2</sup>.
5. ALTERNATIVE TYPES OF ASPHALTIC PLUG JOINT AS LISTED IN THE DEPARTMENT OF TRANSPORT DOCUMENT SA 1 WILL BE CONSIDERED. THE CONTRACTOR SHALL SUBMIT TO THE OVERSEEING ORGANISATION FOR CONSIDERATION AND ACCEPTANCE DETAILS OF ANY SUCH ALTERNATIVES HE MAY PROPOSE. JOINTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
6. THE NUMBER AND ARRANGEMENTS OF SERVICES/DUCTS AT EXPANSION JOINTS IN INDIVIDUAL BRIDGES MAY BE DIFFERENT TO THAT SHOWN IN THIS DRAWING, BUT TREATMENT REQUIRED IS SIMILAR TO THAT SHOWN.
7. CONCRETE NOSINGS, AS WELL AS CONCRETE UPSTANDS SUPPORTING EPOXY NOSINGS MAY NEED TO BE BROKEN OUT AND/OR SCABBLED AND THE SURFACE MADE SUITABLE FOR THE INSTALLATION OF THE NEW JOINT. THE EXTENT OF THE ABOVE OPERATION SHALL BE DETERMINED BY THE CAPACITY OF THE MANUFACTURER'S JOINT TO ACCOMMODATE THE SPECIFIED MOVEMENT. REINFORCEMENT ENCOUNTERED SHALL BE CUT OFF AT THE REQUIRED LEVEL. ANY DAMAGED CONCRETE SHALL BE REPAIRED TO THE SATISFACTION OF THE OVERSEEING ORGANISATION.
8. ANY EXISTING MOVEMENT JOINT COMPRISING METAL PLATES, BACK TO BACK ANGLES, NUTS, WASHERS, BOLTS AND SCREWS SHALL BE REMOVED. HOLDING DOWN BOLTS OR LUGS FIXING METAL WORK TO THE CONCRETE DECK SHALL BE CUT OFF AT DECK LEVEL.

REV	AMENDMENTS	DATE	CAD	CHKD	APPD

CONSULTANT

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SCHEME

**STANDARD DETAILS**

DRAWING TITLE

**REPLACEMENT OR REINSTATEMENT OF EXPANSION JOINTS**

Sheet 1 of 3

HCC CADplot: 25.Feb.2020 at 3:25pm			
DRAWN	CHECKED	SCALE @ A3	
MT	JB	N.T.S	
CAD	APPROVED	DATE	
WW	BH	March 2020	
DRG No.	REVISION		
HCC11/S/025			

**REINSTATEMENT OF ASPHALTIC PLUG JOINTS.**

1. WHEN RESURFACING INVOLVES EITHER A PARTIAL DEPTH INLAY OR SHALLOW OVERLAY, EXISTING JOINTS SHALL BE REINSTATED WITH THE SAME MATERIAL AS THE EXISTING JOINT MATERIAL.
2. **INLAYS**
  - a. PLANE OFF TO REQUIRED DEPTH WITH THE ADJACENT SURFACING.
  - b. LAY SHARP SAND OR OTHER APPROVED BOND BREAKING LAYER OVER THE AFFECTED AREA OF JOINT AND MARK THE POSITIONS OF THE ENDS OF THE JOINT.
  - c. LAY NEW SURFACING.
  - d. MAKE SAW OR DISC CUTS THROUGH, AND TO THE DEPTH OF, THE NEW SURFACING ALONG THE SIDES OF THE JOINT.
  - e. REMOVE SURFACING AND BOND BREAKING LAYER.
  - f. BUILD UP THE JOINT TO NEW SURFACING LEVEL USING THE SAME MATERIAL AS THE EXISTING JOINT LAID IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
3. **OVERLAYS** AS b. TO f. ABOVE.

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