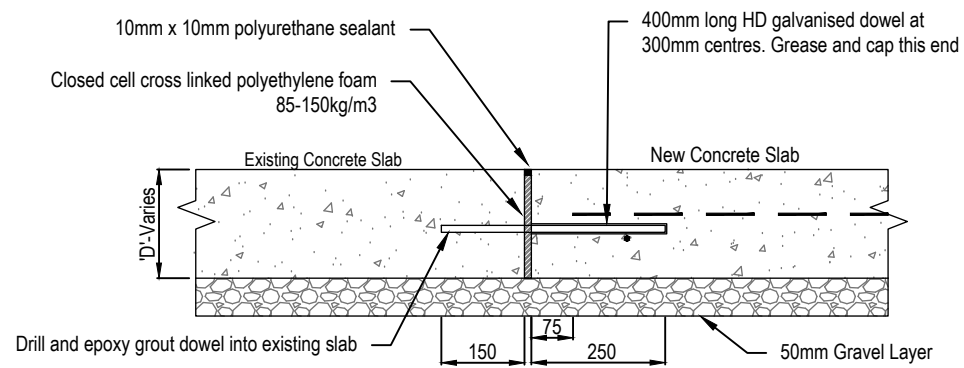


SPACING OF SAWN AND EXPANSION JOINTS

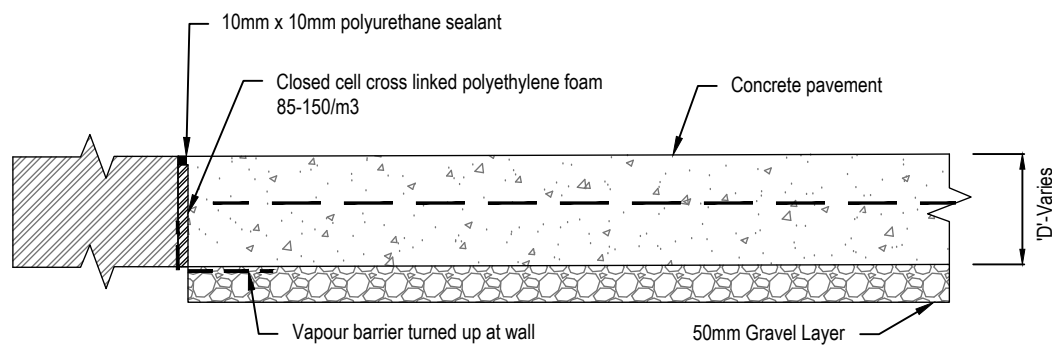
Scale NTS



DOWEL JOINT TO EXISTING SLAB

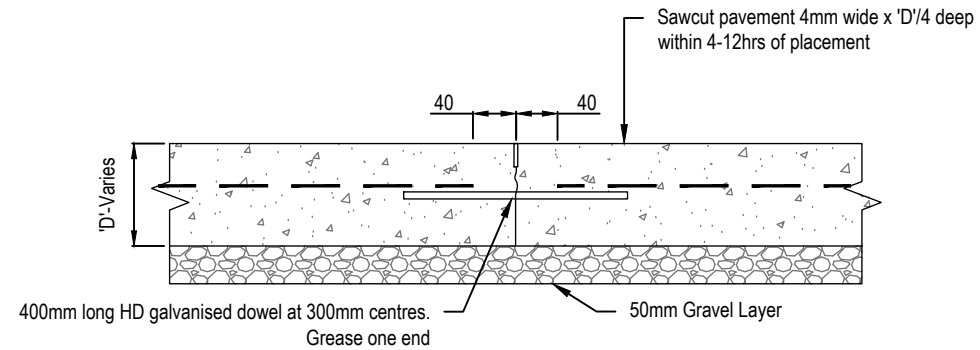
(USE WHERE DIRECTED)

Scale NTS



ISOLATION JOINT (IJ)

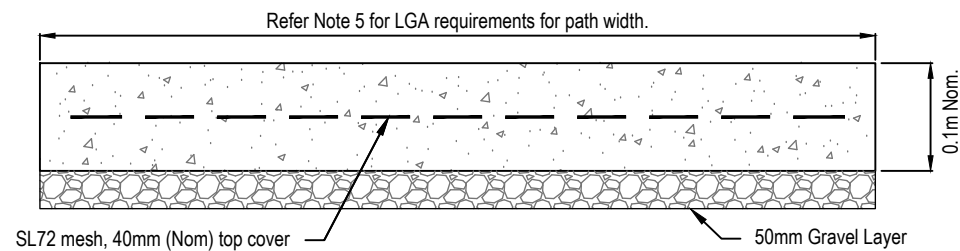
(USE WHERE DIRECTED)



SAWN JOINT (SJ)

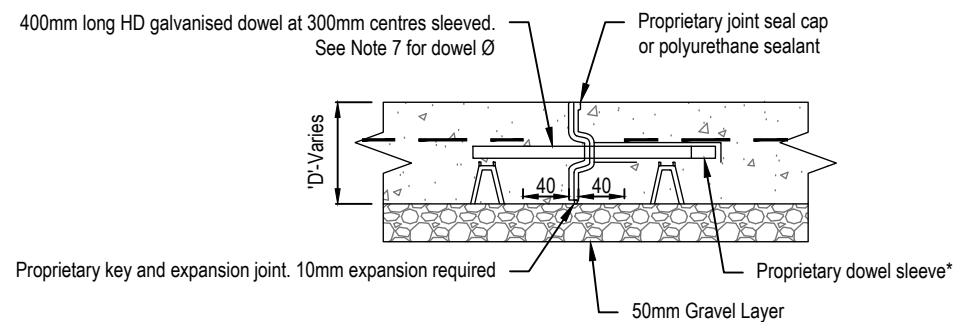
SPACING 1.5 TIMES PATH WIDTH (MAX)

Scale NTS



CONCRETE FOOTPATH CROSS SECTION

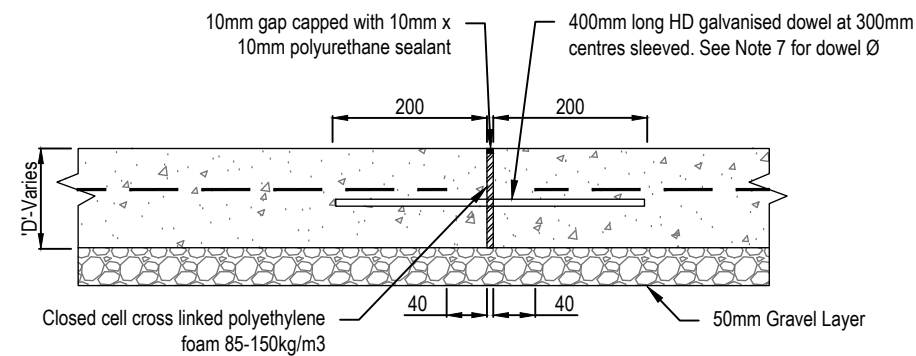
Scale NTS



EXPANSION JOINT (EJ) WITH DOWEL

SPACING 12m MAX

Scale NTS

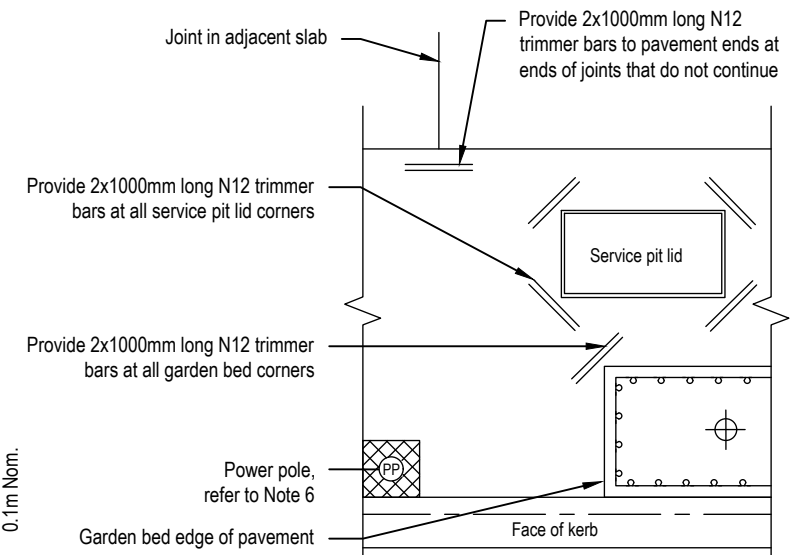


ALTERNATIVE EXPANSION JOINT (EJ)

(USE WHERE DIRECTED) SPACING 12m MAX

Scale NTS

NOTE: There is no need to provide expansion or contraction joints to pit lids or corners of garden beds unless shown on surface treatment plans. Provide trimmer bars opposite all ends of joints that do not continue across adjoining pavement.



TRIMMER BAR LOCATIONS AND POWER POLE TREATMENT

Scale NTS

NOTES:

- Expansion joints to be metal key joints unless approved otherwise. Non keyed plastic/metal alternatives are acceptable.
- All dimensions in millimeters unless shown otherwise.
- Proprietary crack inducer products may be used in place of saw-cutting on sawn joints if approved.
- Tooled joints are an acceptable alternative to sawn joints.
- Refer to CMDG design specification D1 for pathway widths.
- 400mm asphalt is to be left around power poles in accordance with electricity authority requirements. Asphalt to be 20mm (min) thick DG7 (or approved alternative) and must be flush with surrounding concrete with no trip hazard.
- Dowels Ø12 in slab thickness 100 or less.
Dowels Ø16 in slab thickness 125 or less.
Dowels Ø20 in slab thickness 175 or less.
- Plastic dowels are acceptable if used as part of a proprietary joint system.
- Fibre reinforced concrete is approved with class 2 macro structural synthetic polymer fibres in accordance with MRTS 273.
- Where concrete path is to be constructed adjacent to existing trees, an articulated joint system may be used to minimise potential damage from tree roots. Contact local council for specific guidance and approval.
- Subgrade to achieve 95% standard relative compaction with a soaked CBR greater than 5.
- 50mm (minimum) gravel layer beneath concrete to compacted to achieve a minimum dry density ratio of 100%.
- All concrete to be grade N32
- Reinforcement mesh to be SL72 with 40mm nominal top and side cover.
- All concrete surfaces to be broom finished or as otherwise approved by the local government in Design Specification D9 cycleway and pathway design.
- All surfaces to meet either AS 4586 - Slip resistance classification of new pedestrian surface materials or AS 4663 - Slip resistance measurement of existing pedestrian surfaces as appropriate.

APPLICABILITY TABLE

Council	BSC	CHRC	GRC	IRC	LSC	MRC	RRC
Applicable	Yes	Yes	Yes	Yes	Yes	Yes	Yes

REVISIONS	DATE
B	NOTES AMENDED, DETAILS AMENDED
A	NEW DRAWING

DISCLAIMER.
The authors and sponsoring organisations shall have no liability or responsibility to the user or any other person or entity with respect to any liability, loss or damage caused or alleged to be caused, directly or indirectly, by the adoption and use of these Standard Drawings including, but not limited to, any interruption of service, loss of business or anticipatory profits, of consequential damages resulting from the use of these Standard Drawings. Persons must not rely on these Standard Drawings as the equivalent of, or a substitute for, project-specific design and assessment by an appropriately qualified professional.

Capricorn Municipal Development Guidelines

Incorporating:

Banana Shire Council (BSC)
Central Highlands Regional Council (CHRC)
Gladstone Regional Council (GRC)
Livingstone Shire Council (LSC)

Maranoa Regional Council (MRC)
Rockhampton Regional Council (RRC)
Isaac Regional Council (IRC)

CONCRETE PATHWAY CROSS SECTION & JOINT DETAILS

ROADS	
STANDARD DRAWING	A3
CMDG-R-058	
REV.	A B