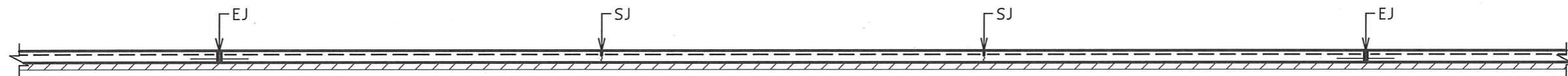
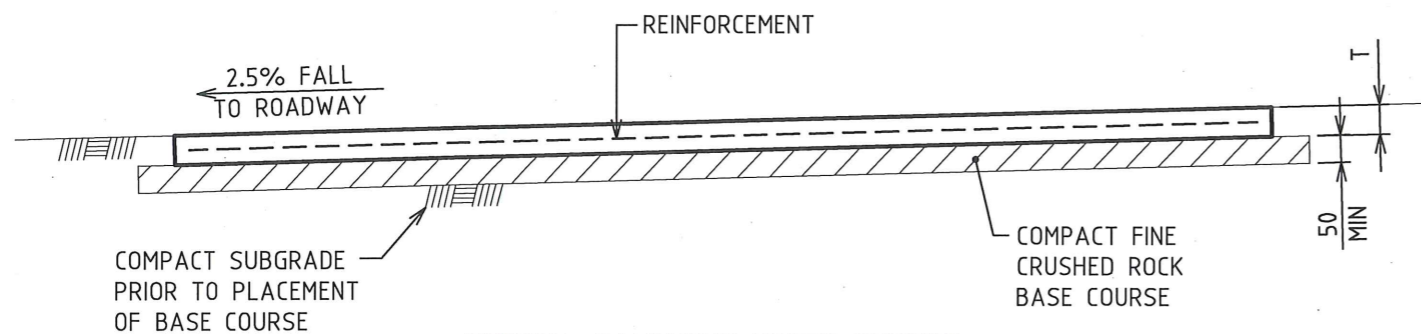


TYPICAL SHARED PATHWAY PLAN 2.5 - 4.0m WIDTH
SCALE 1:50



TYPICAL SHARED PATHWAY LONG SECTION
SCALE 1:50



TYPICAL PAVEMENT CROSS SECTION
SCALE 1:20


TYPE	EXPOSURE ZONE	F'c (MPa)	T	REINFORCEMENT	COVER (mm)
SHARED PATH	ALL EXCLUDING COASTAL AND SURF ZONE	25	125	SL82	40
SHARED PATH	WITHIN COASTAL ZONE	32	125	SL82	45
SHARED PATH	WITHIN SURF ZONE	32	150	FIBRE REINFORCED WITH EPC 42mm FIBRES @ 3.5Kg/m ³	-

NOTE:
1. SURF ZONE IS WITHIN 500m OF THE COASTLINE
2. COASTAL ZONE IS WITHIN 1000m OF THE COASTLINE OR WITHIN 100m OF HARBOUR/HUNTER RIVER

No.	AMENDMENT DETAILS	DATE	INITIALS
2	GENERAL REVISION	05.07.16	T.A.
1	GENERAL REVISION	18.08.15	T.A.
0	CONSTRUCTION	29.04.14	T.A.

SCALE
AS SHOWN

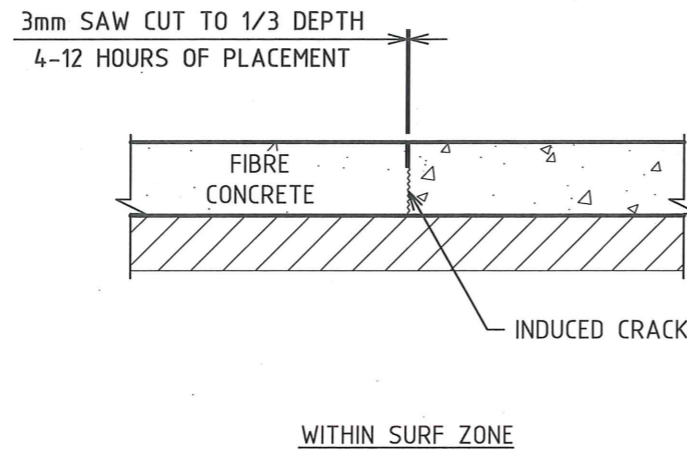
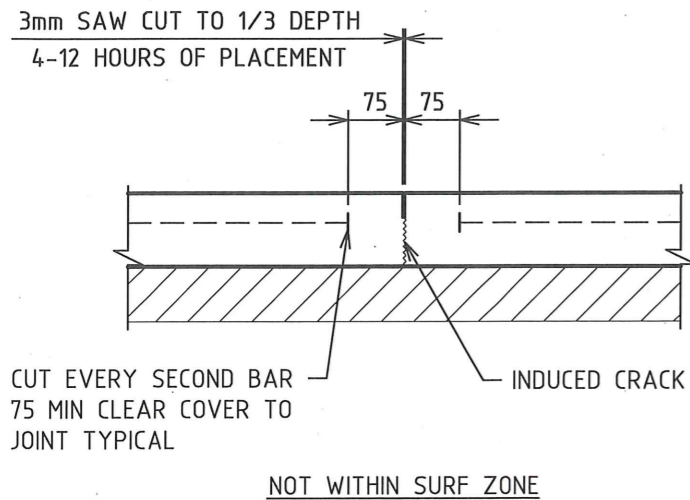
COORDINATE SYSTEM:
HEIGHT DATUM: AHD


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 REVIEWED: J.C.

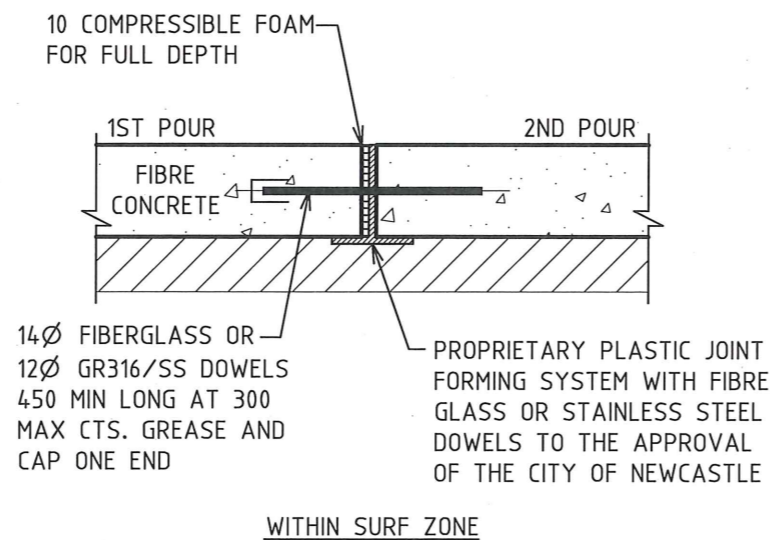
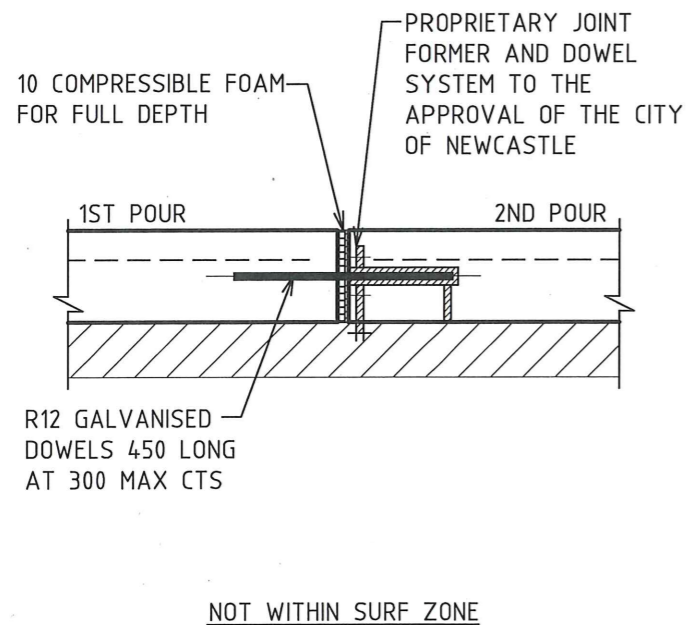
APPROVED: 
 SIGNED:
 INFRASTRUCTURE MANAGEMENT SERVICES MANAGER
 DATE: 29.09.2016

THE CITY OF NEWCASTLE
SHARED PATHWAY CONCRETE
2.5m TO 4.0m WIDTH

NCC PLAN No.	SHEET No.
A1406	1 OF 3 SHEETS
AMENDMENT No.	



TYPICAL SAW JOINTS - SJ
SCALE 1:10




TYPICAL EXPANSION JOINTS - EJ
SCALE 1:10

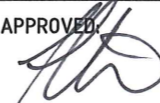
NOTES

1. ALL WORKMANSHIP AND MATERIAL SHALL COMPLY WITH THE CURRENT AUSTRALIAN STANDARDS IN PARTICULAR AS3600 AND AS3727 AS WELL AS ANY REQUIREMENTS OF THE RELEVANT AUTHORITIES.
2. PAVEMENT IS TO BE FOUNDED ON FIRM NATURAL CUT GROUND OR COMPACTED FILL. ANY SOFT AREAS ARE TO BE REMOVED AND REPLACED WITH COMPACTED FILL TO 95% STANDARD TO MEET A MINIMUM OF 100KPa ALLOWABLE BEARING PRESSURE.
3. ANY FILL MUST BE PLACED IN 150mm THICK MAXIMUM LAYERS AND COMPACTED TO A RELATIVE DRY DENSITY OF 98% TO AS1289.5.1.1.
4. THE BASE COURSE IS TO BE GRANULAR GRADED MATERIAL, SUCH AS FINE CRUSHED ROCK.
5. PATHS GENERALLY TO BE DESIGNED TO HAVE A 2.5% CROSS FALL. POORLY DRAINED SITES MAY REQUIRE SUB SURFACE DRAINAGE TO PROTECT THE FOOTWAY PAVEMENT.
6. THE FINISHED LEVEL OF ANY PAVEMENT ABUTTING A WALL MUST BE BELOW THE DAMP PROOF COURSE AND MUST NOT OBSCURE ANY WEEP HOLES OR DRAINAGE OPENINGS.
7. DOWELS ARE TO BE ACCURATELY ALIGNED PARALLEL TO THE PAVEMENT SURFACE AND THE PAVEMENT CENTER LINE. ALL DOWELS AND JOINT FORMERS ARE TO BE GALVANISED.
8. BITUMINOUS JOINT FILLER TO SEAL THE EXPOSED SURFACE OF THE EXPANSION JOINT AND SHOULD THEREFORE BE LOCATED TO THE JOINT TOP AND JOINT EDGES.
9. CONCRETE THICKNESS, GRADE, REINFORCEMENT AND COVER IS AS DETAILED IN TABLE 2.
10. TOLERANCES:
 - CHANGE IN HEIGHT EACH SIDE OF JOINT 3mm
 - CROSS FALL 0% TO +/- 0.5% DESIGN
 - THICKNESS +20mm / -0mm
 - UNDULATION IN ALL DIRECTIONS: 1mm OVER 250mm, 5mm OVER 1.5m, 10mm OVER 3m OR JOINT TO JOINT (WHICHEVER GREATER)
11. NO EXPOSED AGGREGATE ON SHARED PATHWAY.
12. TO ASSIST IN THE CURING AND DURABILITY OF CONCRETE:
 - THE SUB BASE SHOULD BE THOROUGHLY MOISTENED PRIOR TO PLACING CONCRETE
 - AS SOON AS THE TEXTURING VIA EITHER A DECORATIVE FINISH, WOOD FLOAT OR BROOMING HAS BEEN DONE, CURING SHOULD BE INITIATED BY COVERING WITH DAMP HESSIAN OR WELL SECURED PLASTIC SHEETING, OR APPLYING A CURING COMPOUND AT THE RATE OF 0.3 L/MIN²;
 - WATER SHALL NOT BE ADDED TO THE AS-DELIVERED MIX
13. CONCRETE TO HAVE A BROOM FINISH TRANSVERSE TO THE PAVEMENT WITH A 75mm EDGE TOOLING OF SHARED PATH EDGES. EDGE TOOLING IS NOT TO BE PROVIDED AT JOINTS. BROOM FINISH TO EXTEND TO EDGE OF SLAB OVER EDGE TOOLING TYPICAL TO ALL JOINTS AND EDGES.
14. FOOTWAY PAVING CONSTRUCTED IN ZONES OF FUTURE SUBGRADE DISTURBANCE OR TREE ROOT GROWTH REQUIRE A PROPRIETARY FLEXIBLE JOINTING SYSTEM TO PREVENT JOINT STEPPING APPROVED BY NEWCASTLE CITY COUNCIL.

No.	AMENDMENT DETAILS	DATE	INITIALS
2	GENERAL REVISION	05.07.16	T.A.
1	GENERAL REVISION	10.08.15	T.A.
0	CONSTRUCTION	29.04.14	T.A.

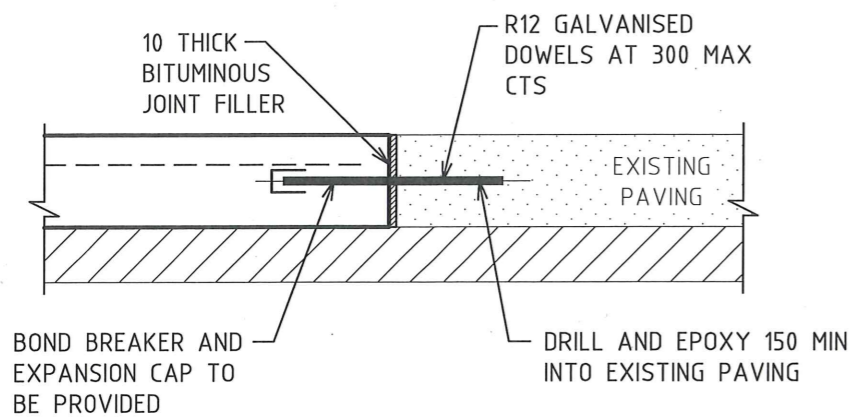
SCALE	AS SHOWN
COORDINATE SYSTEM:	HEIGHT DATUM: AHD


INFRASTRUCTURE MANAGEMENT SERVICES
 REVIEWED: J.C.

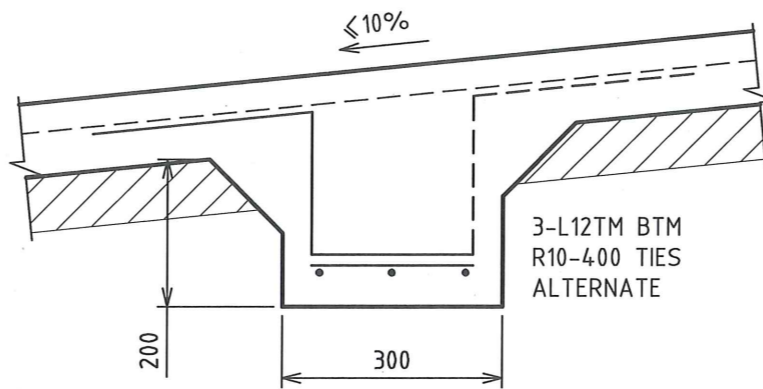
APPROVED: 
 SIGNED:
 INFRASTRUCTURE MANAGEMENT SERVICES MANAGER
 DATE: 29.09.2016

THE CITY OF NEWCASTLE
SHARED PATHWAY CONCRETE
2.5m TO 4.0m WIDTH

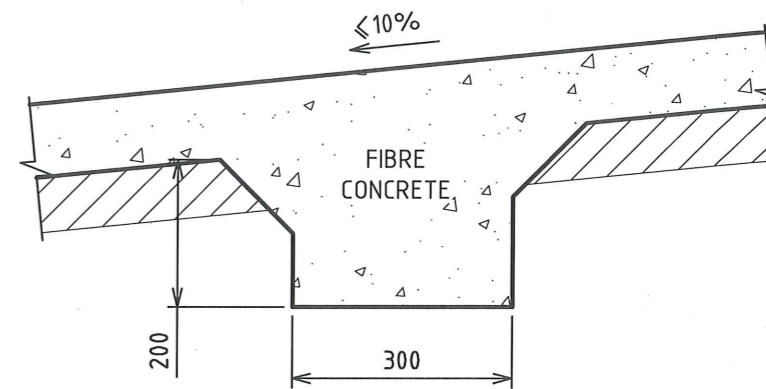
NCC PLAN No.	SHEET No.
A1406	2 OF 3
AMENDMENT No.	SHEETS



RETRO-FITTED EXPANSION JOINTS - EJ
 SCALE 1:10
 (ONLY USED TO JOIN TO EXISTING PATHS (ALL AREAS))



NOT WITHIN SURF ZONE




WITHIN SURF ZONE

ANCHOR BEAM DETAILS
 SCALE 1:10
 (EVERY THIRD EXPANSION JOINT WHERE SLOPE EXCEEDS 10%)

No.	AMENDMENT DETAILS	DATE	INITIALS
2	GENERAL REVISION	05.07.16	T.A.
1	GENERAL REVISION	18.08.15	T.A.
0	CONSTRUCTION	29.04.14	T.A.

A3 ORIGINAL THIS SHEET WAS PREPARED IN COLOUR AND WILL BE INCOMPLETE IF COPIED

SCALE	AS SHOWN
COORDINATE SYSTEM:	HEIGHT DATUM: AHD


INFRASTRUCTURE MANAGEMENT SERVICES
 REVIEWED: J.C.

APPROVED: 
 SIGNED:
 INFRASTRUCTURE MANAGEMENT SERVICES MANAGER
 DATE: 29.09.2016

THE CITY OF NEWCASTLE
SHARED PATHWAY CONCRETE
2.5m TO 4.0m WIDTH

NCC PLAN No.	SHEET No.
A1406	3 OF 3
AMENDMENT No.	SHEETS