

PLAN

HARDSTAND - SMALL FORMAT UNIT PAVING ON A COMPOSITE BASE SYSTEM (INFILTRATION)

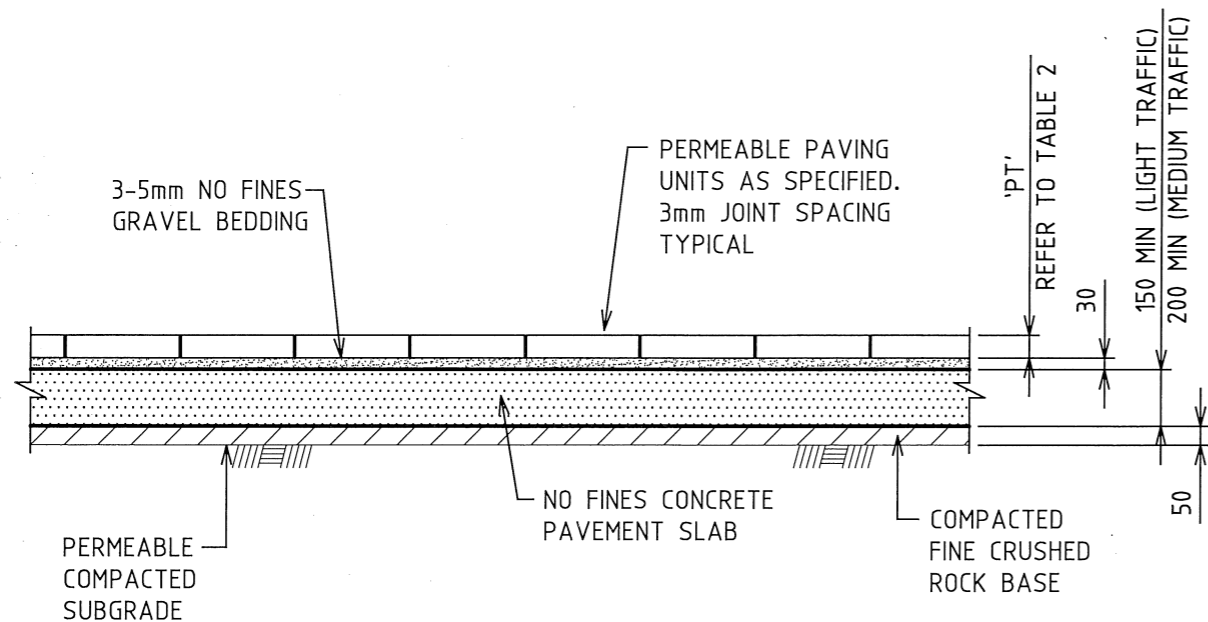
SCALE 1:100

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 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. HARDSTANDS GENERALLY TO BE DESIGNED TO HAVE A 2.5% MAX 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. NO FINES CONCRETE IS TO BE CONSTRUCTED IN ACCORDANCE WITH RMS QA MATERIALS SPECIFICATION 3222.
8. SMALL FORMAT UNIT PAVING TO BE IN ACCORDANCE WITH TABLE 3 MINIMUM REQUIREMENTS.
9. PREPARATION AND INSTALLATION OF BEDDING AND PAVERS IS TO BE IN STRICT ACCORDANCE WITH THE PAVER MANUFACTURERS SPECIFICATIONS.
10. TOLERANCE 5mm MAX CHANGE IN HEIGHT EACH SIDE OF JOINT.
11. HARDSTAND PAVEMENT IS DESIGNED FOR LIGHT DUTY TRAFFIC LOADING (OPERATION OF VEHICLES NOT EXCEEDING 3 TONNES) OR MEDIUM DUTY TRAFFIC LOADING (OPERATION OF VEHICLES NOT EXCEEDING 10 TONNES).

TYPICAL APPLICATION

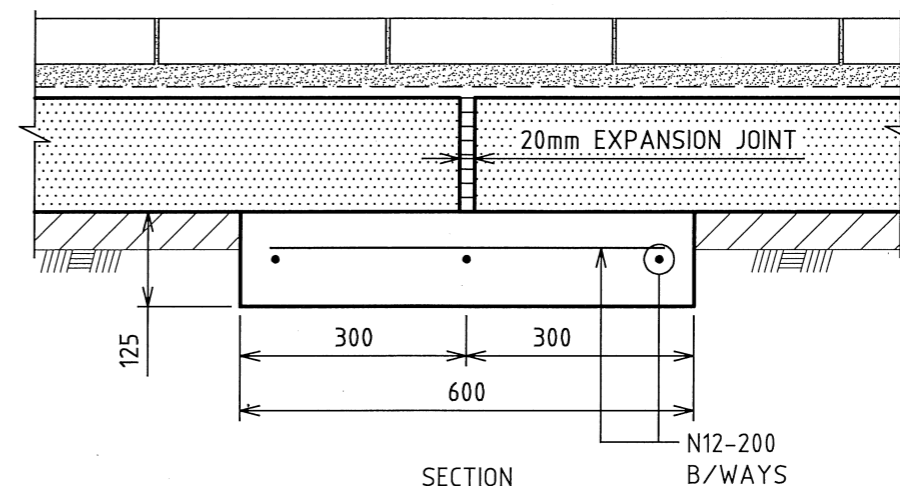
1. FOR PARKING LANE UNIT PAVING FOR INFILTRATION
2. TYPICAL PRODUCTS INCLUDE;
 - a) SMALL FORMAT UNIT PAVER - HYDROSTON
 - b) SMALL FORMAT UNIT PAVER - ADBRI ECOTRIHEX



SECTION

TYPICAL HARDSTAND PROFILE

SCALE 1:20



SECTION

TYPICAL EXPANSION JOINT - EJ1

SCALE 1:10

1	CONSTRUCTION	18.12.14	T.A.
0	PRELIMINARY	18.11.14	T.A.
No.	AMENDMENT DETAILS	DATE	INITIALS

SCALE	AS SHOWN
COORDINATE SYSTEM:	HEIGHT DATUM: AHD

LIVEABLE CITY
INFRASTRUCTURE MANAGEMENT SERVICES

REVIEWED: J.C.

APPROVED:

SIGNED: *[Signature]*
INFRASTRUCTURE MANAGEMENT SERVICES MANAGER

DATE: 16/11/15

THE CITY OF NEWCASTLE

HARDSTAND
SMALL FORMAT UNIT PAVING ON A
COMPOSITE BASE SYSTEM (INFILTRATION)

NCC PLAN No.	A3305	SHEET No.	1
			OF
			2
AMENDMENT No.		SHEETS	

TABLE 3 - SMALL FORMAT UNIT PAVING (INFILTRATION) - MINIMUM REQUIREMENTS								
PAVEMENT APPLICATION	MATERIAL	NOMINAL SIZE (mm)	'PT' PAVEMENT THICKNESS (mm)	STRENGTH	MAXIMUM ABRASION RESISTANCE FOR PEDESTRIAN VOLUME AS4456.9			SLIP RESISTANCE CLASS AS4586
				CONCRETE CHARACTERISTIC BREAKING LOAD (KN) AS4456.5	LOW	MEDIUM	HIGH	
PEDESTRIAN AND LIGHT TRAFFIC	CONCRETE	88x181 138x206 300x300	50	12	7	5.5	3.5	W
PEDESTRIAN AND MEDIUM TRAFFIC	CONCRETE	88x181 138x206 300x300	80	12	7	5.5	3.5	W

A3 ORIGINAL		THIS SHEET WAS PREPARED IN COLOUR AND WILL BE INCOMPLETE IF COPIED		COORDINATE SYSTEM:	HEIGHT DATUM: AHD	REVIEWED: J.C.	APPROVED: SIGNED: <i>dl dl</i> INFRASTRUCTURE MANAGEMENT SERVICES MANAGER DATE: <i>16/11/15</i>	THE CITY OF NEWCASTLE HARDSTAND SMALL FORMAT UNIT PAVING ON A COMPOSITE BASE SYSTEM (INFILTRATION)	NCC PLAN No. A3305	SHEET No. 2 OF 2 SHEETS
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SCALE
AS SHOWN



REVIEWED: J.C.

SIGNED: *dl dl*
INFRASTRUCTURE MANAGEMENT SERVICES MANAGER
DATE: *16/11/15*

THE CITY OF NEWCASTLE
HARDSTAND
SMALL FORMAT UNIT PAVING ON A
COMPOSITE BASE SYSTEM (INFILTRATION)

NCC PLAN No.
A3305
AMENDMENT No.

SHEET No.
2
OF
2
SHEETS