

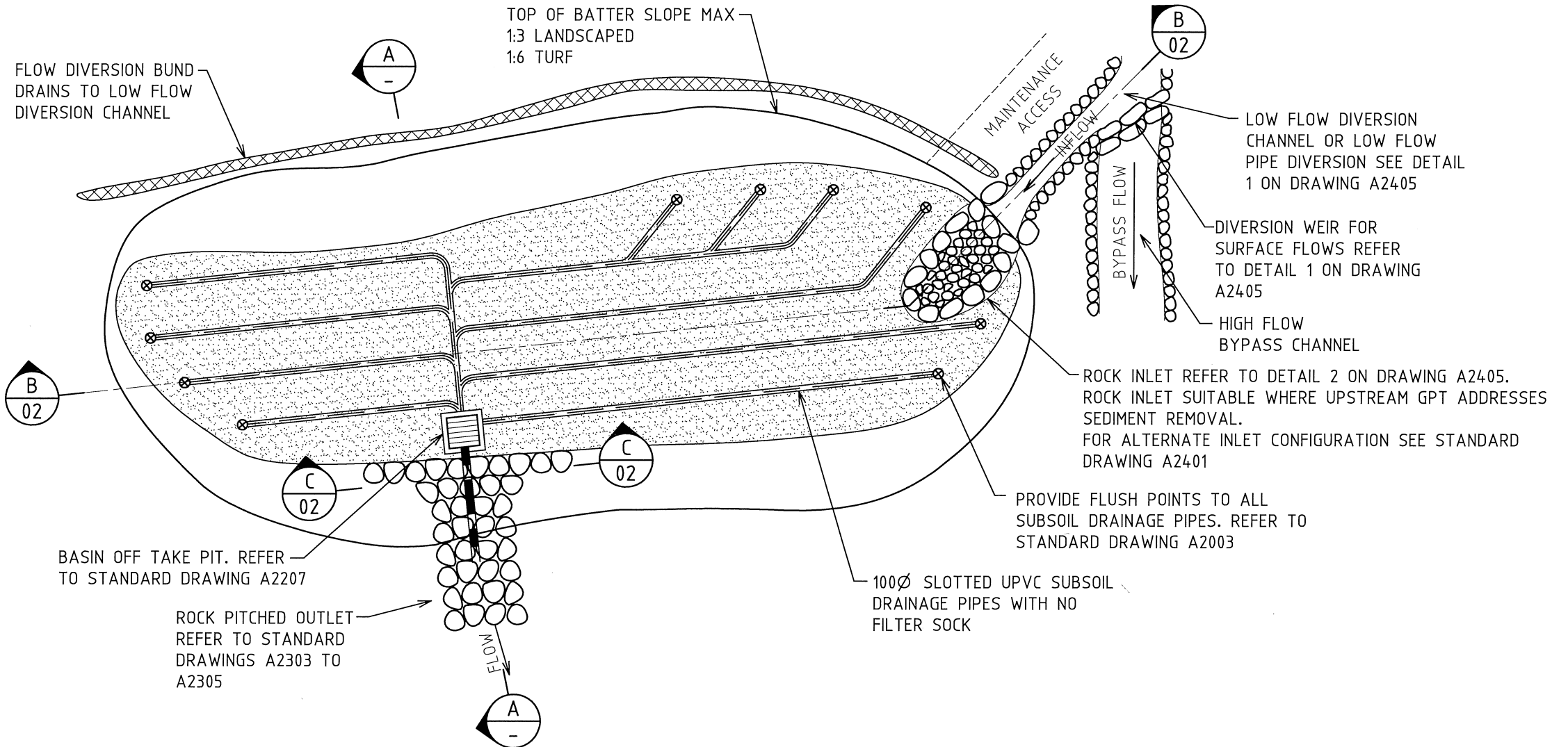
NOTES
 1. REFER TO DRAWING A2400 FOR NOTES AND SPECIFICATIONS

REFERENCES
 1. SYDNEY METROPOLITAN CATCHMENT MANAGEMENT AUTHORITY (TYPICAL DRAWINGS FOR WSUD)

ALL WSUD DEVICES AND ELEMENTS ARE TO BE DESIGNED IN ACCORDANCE WITH THE CITY OF NEWCASTLE TECHNICAL MANUAL FOR STORMWATER AND WATER EFFICIENCY FOR DEVELOPMENT

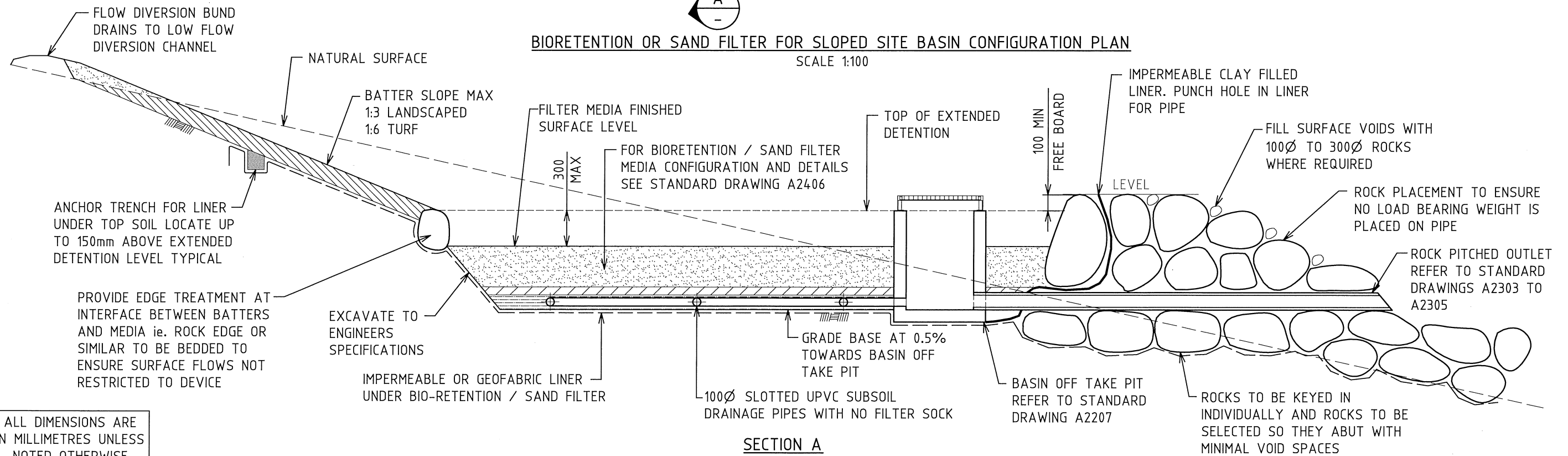
BIORETENTION DEVICES ARE TO BE DESIGNED SO THAT VELOCITY FOR MAJOR STORM EVENT IS LESS THEN 2m/s. FOR A 1 IN 6 MONTH EVENT VELOCITY IS TO BE NO GREATER THEN 0.5m/s

ALL BIOFILTRATION DEVICES TO BE VEGETATED SEE APPENDIX 4 OF THE CITY OF NEWCASTLE TECHNICAL MANUAL FOR STORMWATER AND WATER EFFICIENCY FOR DEVELOPMENT



BIORETENTION OR SAND FILTER FOR SLOPED SITE BASIN CONFIGURATION PLAN

SCALE 1:100



SECTION A
 SCALE 1:50

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE

No.	AMENDMENT DETAILS	DATE	INITIALS
2	REVISIONS CLOUDED	20.11.13	J.C.
1	CONSTRUCTION	11.06.13	J.C.
0	PRELIMINARY - FOR REVIEW AND COMMENT ONLY	11.01.13	J.C.

SCALE	AS SHOWN
COORDINATE SYSTEM:	HEIGHT DATUM: AHD

LIVEABLE CITY
 INFRASTRUCTURE MANAGEMENT SERVICES

REVIEWED: J.C.

APPROVED:

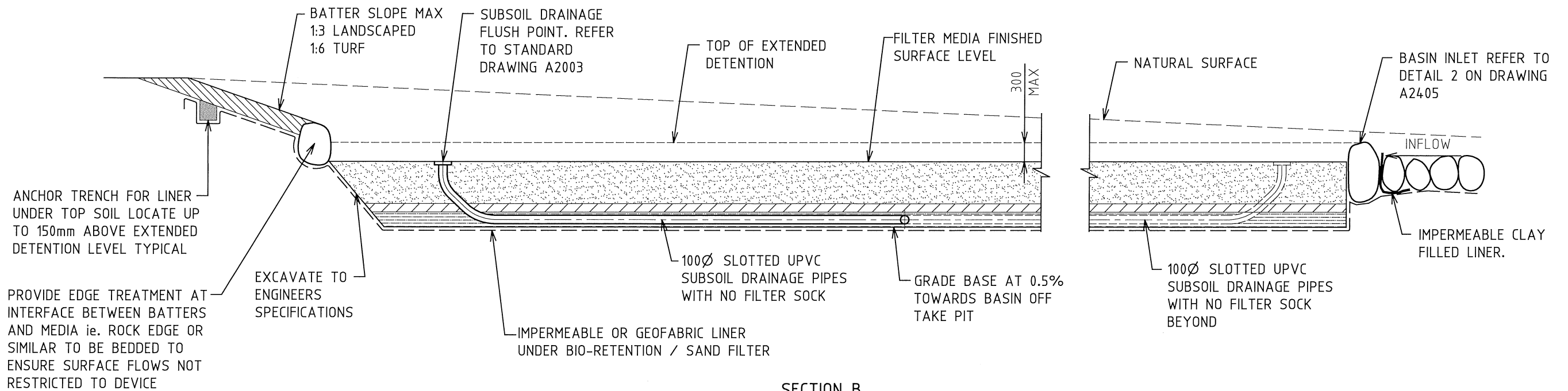
SIGNED: *[Signature]*
 INFRASTRUCTURE MANAGEMENT SERVICES MANAGER
 DATE: 25/5/14

THE CITY OF NEWCASTLE

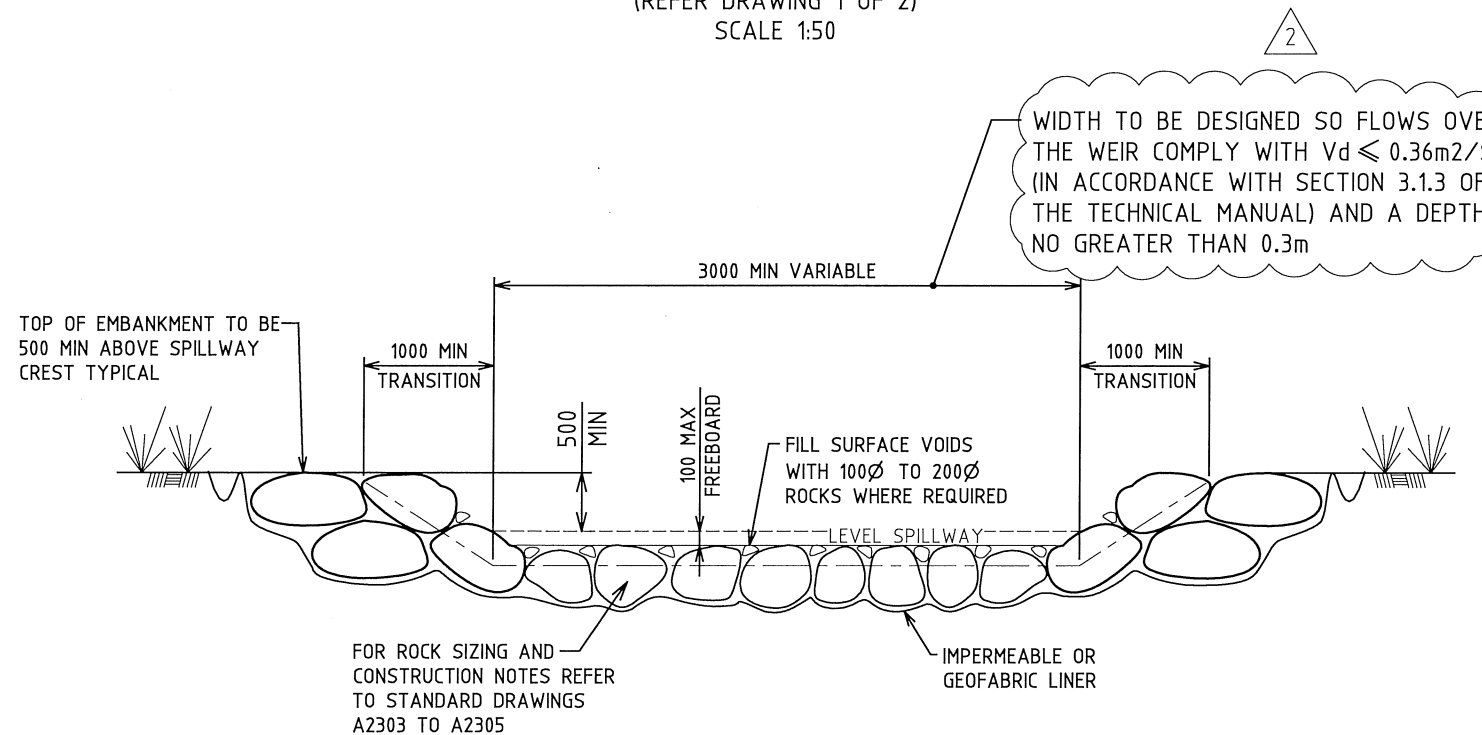
WSUD BASIN CONFIGURATION FOR
 BIORETENTION OR SAND FILTER - STEEP SITE

NCC PLAN No.	A2402	SHEET No.	1
AMENDMENT No.		OF	2
		SHEETS	

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



SECTION B
(REFER DRAWING 1 OF 2)
SCALE 1:50



SECTION C
(REFER DRAWING 1 OF 2)
SCALE 1:50

ALL DIMENSIONS ARE
IN MILLIMETRES UNLESS
NOTED OTHERWISE

No.	AMENDMENT DETAILS	DATE	INITIALS
2	REVISIONS CLOUDED	20.11.13	J.C.
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SCALE	AS SHOWN
COORDINATE SYSTEM:	HEIGHT DATUM: AHD

LIVEABLE CITY
INFRASTRUCTURE
MANAGEMENT SERVICES

REVIEWED: J.C.

APPROVED:

SIGNED: *[Signature]*
INFRASTRUCTURE MANAGEMENT SERVICES MANAGER

DATE: 25/5/14

THE CITY OF NEWCASTLE

WSUD BASIN CONFIGURATION FOR
BIORETENTION OR SAND FILTER - STEEP SITE

NCC PLAN No.	A2402	SHEET No.	2 OF 2
AMENDMENT No.		SHEETS	2