-INLET PITS NOTES 1. REFER TO DRAWING A2400 FOR NOTES AND -GPT TO BE LOCATED UPSTREAM SPECIFICATIONS OF ALL BIORETENTION DEVICES B DIVERSION BUND TO PREVENT REFERENCES 02 UNCONTROLLED SURFACE RUNOFF 1. SYDNEY METROPOLITAN CATCHMENT MANAGEMENT ENTERING BASIN AUTHORITY (TYPICAL DRAWINGS FOR WSUD) STORMWATER 2. FACULTY FOR ADVANCED WATER BIORETENTION 2008 DIVERSION PIT DRAINAGE - PROVIDE FLUSH POINTS TO ALL (GUIDELINES FOR SOIL FILTER MEDIA IN BIORETENTION NETWORK SUBSOIL DRAINAGE PIPES. REFER SYSTEMS) TO STANDARD DRAWING A2003 HIGH FLOW BYPASS -100Ø SLOTTED UPVC SUBSOIL DRAINAGE PIPES WITH NO FILTER SOCK ALL WSUD DEVICES AND ELEMENTS ARE TO BE DESIGNED IN ACCORDANCE WITH THE TOP OF BATTER SLOPE CITY OF NEWCASTLE TECHNICAL MANUAL FOR STORMWATER AND WATER EFFICIENCY MAINTENANCE BASIN OFF TAKE PIT. REFER FOR DEVELOPMENT ACCESS RAMP TO STANDARD DRAWING A2207 BIORETENTION DEVICES ARE TO BE DESIGNED SO THAT VELOCITY FOR MAJOR SEDIMENT BAY WITH STORM EVENT IS LESS THEN 2m/s. FOR A LEVEL SPREADER 1 IN 6 MONTH EVENT VELOCITY IS TO BE 02 CONNECTION TO -NO GREATER THEN 0.5m/s EXISTING WATERWAY. REFER TO OUTLET TO ALL BIOFILTRATION DEVICES TO BE WATERWAY PLAN VEGETATED SEE APPENDIX 4 OF THE CITY OF NEWCASTLE TECHNICAL MANUAL FOR STORMWATER AND WATER EFFICIENCY FOR BIORETENTION OR SAND FILTER FOR FLAT SITE BASIN CONFIGURATION PLAN DEVELOPMENT SCALE 1:150 NATURAL SURFACE FOR BIORETENTION / SAND FILTER -BASIN OFF TAKE PIT. REFER LEVEL MEDIA CONFIGURATION AND DETAILS TO STANDARD DRAWING A2207 TOP OF EXTENDED SEE STANDARD DRAWING A2406 DETENTION TOP OF OUTLET PIPE TO ENGINEERS -FILTER MEDIA FINISHED BATTER SLOPE - ANCHOR TRENCH FOR LINER UNDER TOP SPECIFICATIONS SURFACE LEVEL SOIL LOCATE UP TO 150mm ABOVE EXTENDED DETENTION LEVEL TYPICAL TO BE LOCATED 10m MIN FROM RECEIVING WATERS ROCK PITCHED OUTLET. REFER TO STANDARD DRAWINGS A3303 TO A3305 BATTER SLOPE WITH 200mm TOP SOIL 1:6 MAX TURF 1:3 MAX LANDSCAPED

TERRACED BATTER WITH 200mm TOPSOIL IMPERMEABLE OR GEOFABRIC LINER 100Ø SLOTTED UPVC UNDER BIO-RETENTION / SAND FILTER - RECEIVING WATERWAY SUBSOIL DRAINAGE PIPES PROVIDE EDGE TREATMENT AT TOE OF BANK WITH NO FILTER SOCK INTERFACE BETWEEN BATTERS AND MEDIA ie. ROCK EDGE OR RECEIVING WATERWAY SECTION A SIMILAR TO BE BEDDED TO TOP OF BANK SCALE 1:50 ENSURE SURFACE FLOWS NOT ALL DIMENSIONS ARE RESTRICTED TO DEVICE OUTLET TO A WATERWAY PLAN IN MILLIMETRES UNLESS SCALE 1:50 NOTED OTHERWISE THE CITY OF NEWCASTLE SCALE NCC PLAN No. APPROVED:

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1		CONSTRUCTION	11.06.13	J.C.	۸ς ٥
0	PRELIMINARY - FOR REVIEW AND COMMENT ONLY		11.01.13	J.C.	A3 -
No.		AMENDMENT DETAILS	DATE	INITIALS	
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SHOWN

HEIGHT DATUM: AHD

LIVEABLE CITY INFRASTRUCTURE MANAGEMENT SERVICES Newcastle

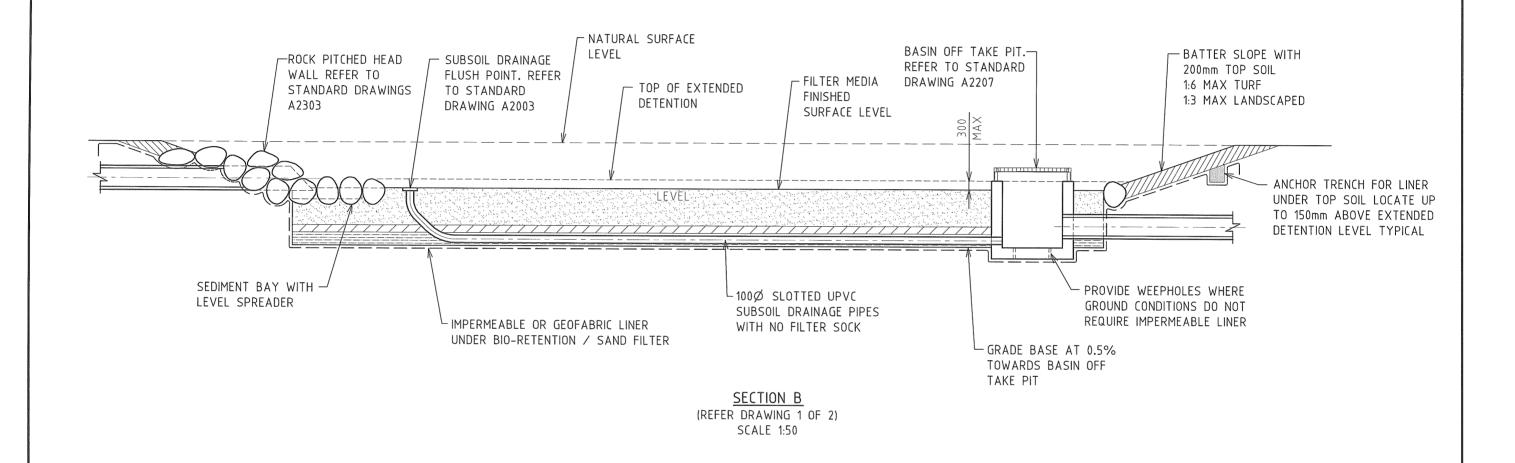
REVIEWED:

J.C.

INFRASTRUCTURE MANAGEMENT SERVICES MANAGER 11/6/13

WSUD BASIN CONFIGURATION FOR BIORETENTION OR SAND FILTER - FLAT SITE

SHEET No. A2401 OF AMENDMENT No. SHEETS



ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE

SCALE	LIVEABLE CITY	APPROVED:	THE CITY OF NEWCASTLE	NCC PLAN No.	SHEET No.
1 CONSTRUCTION 11.06.13 J.C. AS SHOWN	The City of Newcastle	10 20	WSUD BASIN CONFIGURATION FOR	A2401	2
0 PRELIMINARY - FOR REVIEW AND COMMENT ONLY 11.01.13 J.C.		SIGNED:INFRASTRUCTURE MANAGEMENT SERVICES MANAGER	BIORETENTION OR SAND FILTER - FLAT SITE	AZ4UI	0F
No. AMENDMENT DETAILS DATE INITIALS	REVIEWED: J.C.	INFRASTRUCTURE MANAUEMENT SERVICES MANAUER			2
A3 ORIGINAL THIS SHEET WAS PREPARED IN COLOUR AND WILL BE INCOMPLETE IF COPIED COORDINATE SYSTEM: HEIGHT DATUM: AHD	HEVEVED.	DATE:		AMENDMENT No.	SHEETS