

Grafton Bond Store
Level 1, 60 Hickson Road
Sydney NSW 2000

PO Box H171
Australia Square NSW 1215

T (02) 9241 4188
F (02) 9241 4324

1 RL 91.50 BASEMENT 1 PLAN - PARKING
1:1000

'COMMUNITY RAINWATER HARVESTING TANK' -
APPROX. 1,000m³ TO
SERVICE HABITAT +
PIAZZA WATER BOXES.
- 70x7.3m
- BOTTOM W.L. 92.0
- TOP W.L. 94.0

RAINWATER TANK
OVERFLOWS TO
OSD TANK

ON-SITE STORMWATER DETENTION
(OSD) TANK EXTENDS BENEATH
RAINWATER HARVESTING TANK
(ALL ON BASEMENT 2 LEVEL)

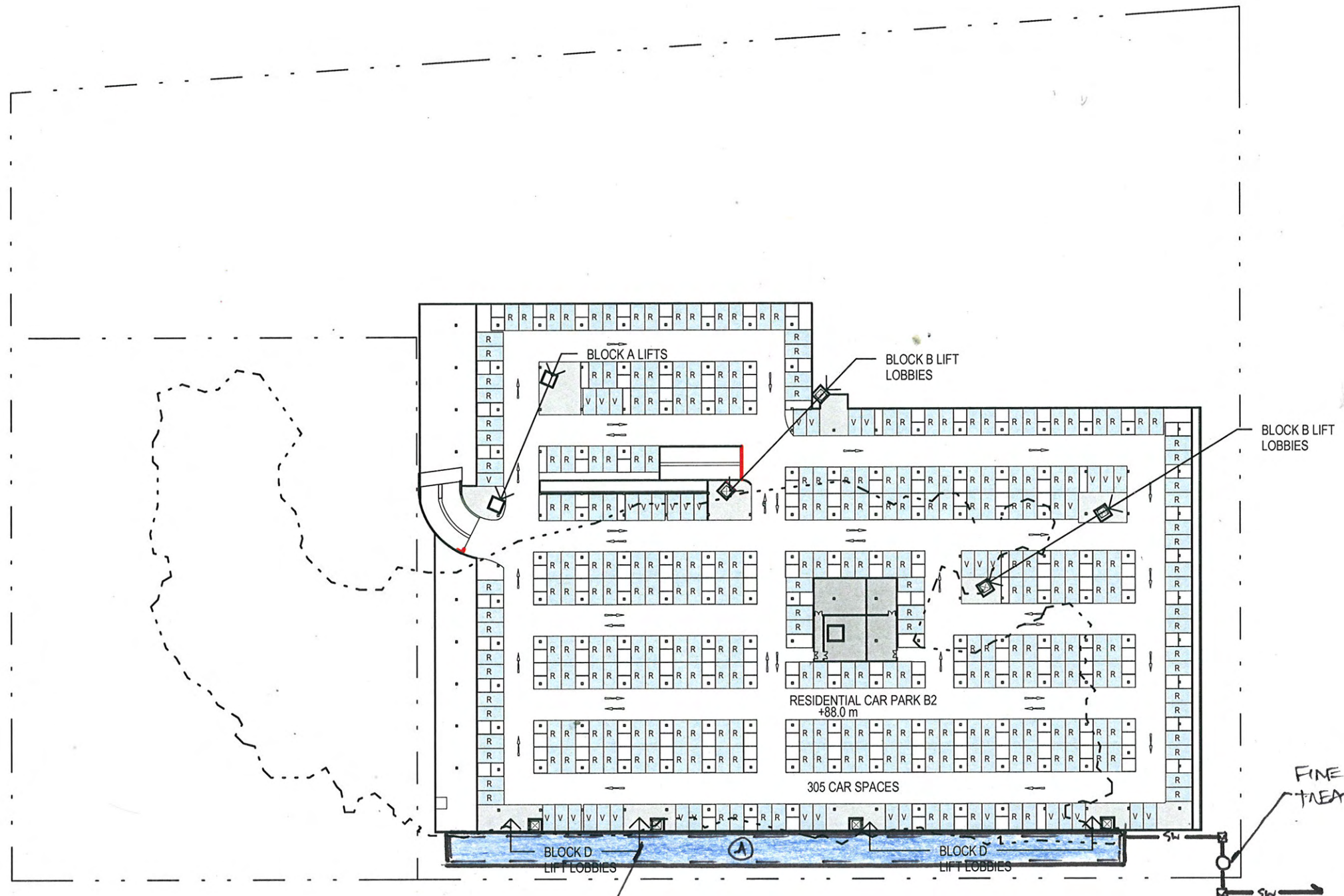
CONCEPT STORMWATER
MANAGEMENT PLAN - (BASEMENT 1)

NSW Registered & Nominated Architects: David Holm 5428, Geoffrey Lee 4223, Philip Bowen 4527

Australia	Client	Project Manager
Asia	Henroth Investments Pty Limited	Restifa & Partners
Europe	46-56 Kippax Street	Suite 1
	Surry Hills NSW 2010	123 Walker Street
		North Sydney NSW 2060

woodhead™

DRAWING TITLE: BASEMENT 1 PLAN		CLIENT NAME: HENROTH INVESTMENTS PTY LIMITED	
PROJECT NAME: KIRRAWEE BRICK PIT		DRAWING NUMBER: 0140	
PROJECT NUMBER: 09211902	SCALE:	DATE: 15/10/10	REVISION NUMBER:



1 RL 88.50 BASEMENT 2 PLAN - PARKING



ON-SITE STORMWATER
DETENTION TANK -
APPROX 2000 m³
FOR FULL 'SOUTHERN
TWO-THIRD CATCHMENT'
(INCLUDING PUBLIC
PARK).
- 137x7.3 m
- BOTTOM W.L. 89.5
- TOP WATER LEVEL 91.5

FLORA STREET

FINE SEDIMENT, OIL & GREASE
TREATMENT (eg. HIMECEPTOR)

FULLY SEALED CURB
PIPE SYSTEM TO
CONNECT TO NEXT
DOWN STREAM PIT.
PIPE GRADE MIN 0.5%
MAX DEPTH APPROX. 4.0m

CONCEPT STORMWATER MANAGEMENT PLAN - (BASEMENT 2)

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Asia		
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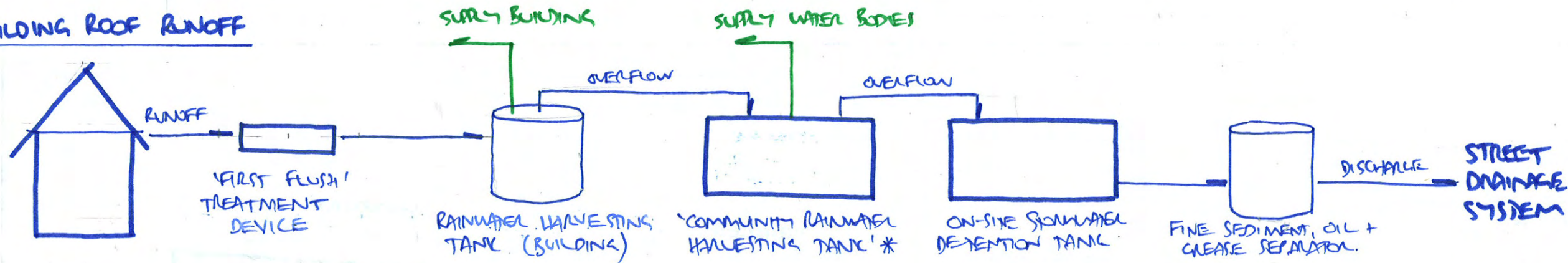
343 Pacific Highway
North Sydney NSW 2060
T +612 9964 9500
F +612 9964 9683
ABN 61 007 747 748



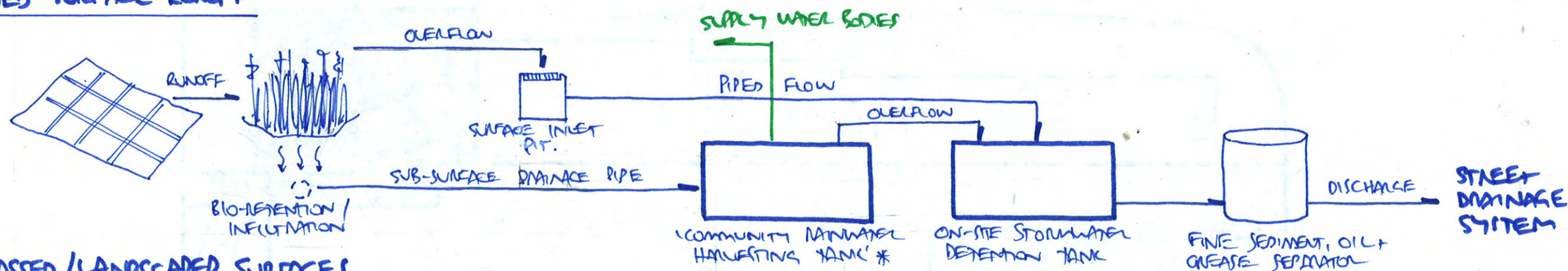
DRAWING TITLE: BASEMENT 2 PLAN		CLIENT NAME: HENROTH INVESTMENTS PTY LIMITED	
PROJECT NAME: KIRRAWEE BRICK PIT		DRAWING NUMBER: 0150	
PROJECT NUMBER: 09211902	SCALE:	DATE: 15/10/10	REVISION NUMBER:

APPENDIX B – CONCEPT RUNOFF TREATMENT / FLOW ‘TRAINS’

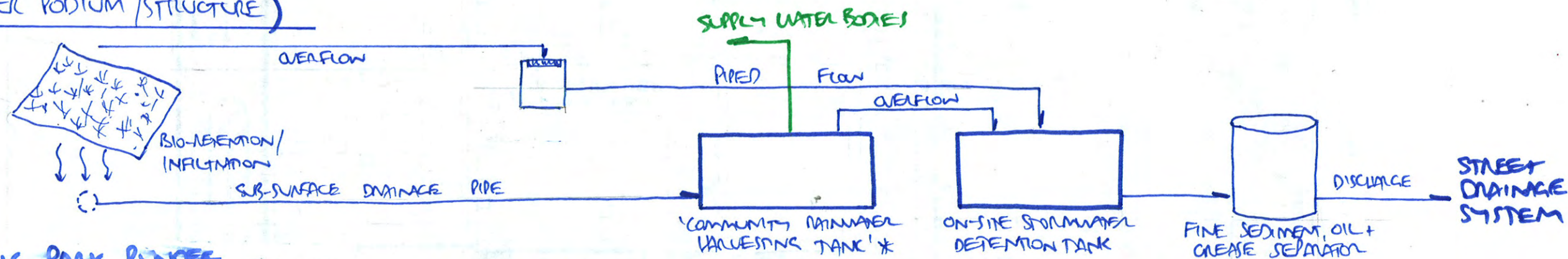
BUILDING ROOF RUNOFF



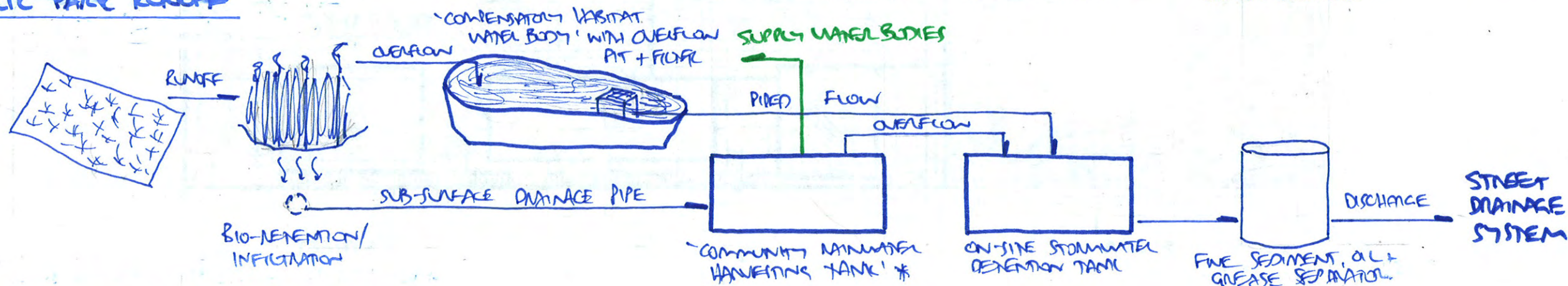
PAVED SURFACE RUNOFF



GRASSED / LANDSCAPED SURFACES (OVER PODIUM / STRUCTURE)



PUBLIC PARK RUNOFF



* NOTE: 'COMMUNITY RAINWATER HARVESTING TANK' APPLIES TO STAGE 1 / 'SOUTHERN TWO-THIRDS' CATCHMENT ONLY. OTHER STAGES / CATCHMENT FLOW GO TO OSD AFTER TREATMENT / BUILDING TANK OVERFLOW.

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NORTHROP
CONSULTING ENGINEERS

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F (02) 9241 4324

KIRRAWEE BRICK PIT - CONCEPT STORMWATER MANAGEMENT
SCHEMATIC FLOW / TREATMENT TRAIN FOR RESPECTIVE CATCHMENT TYPES