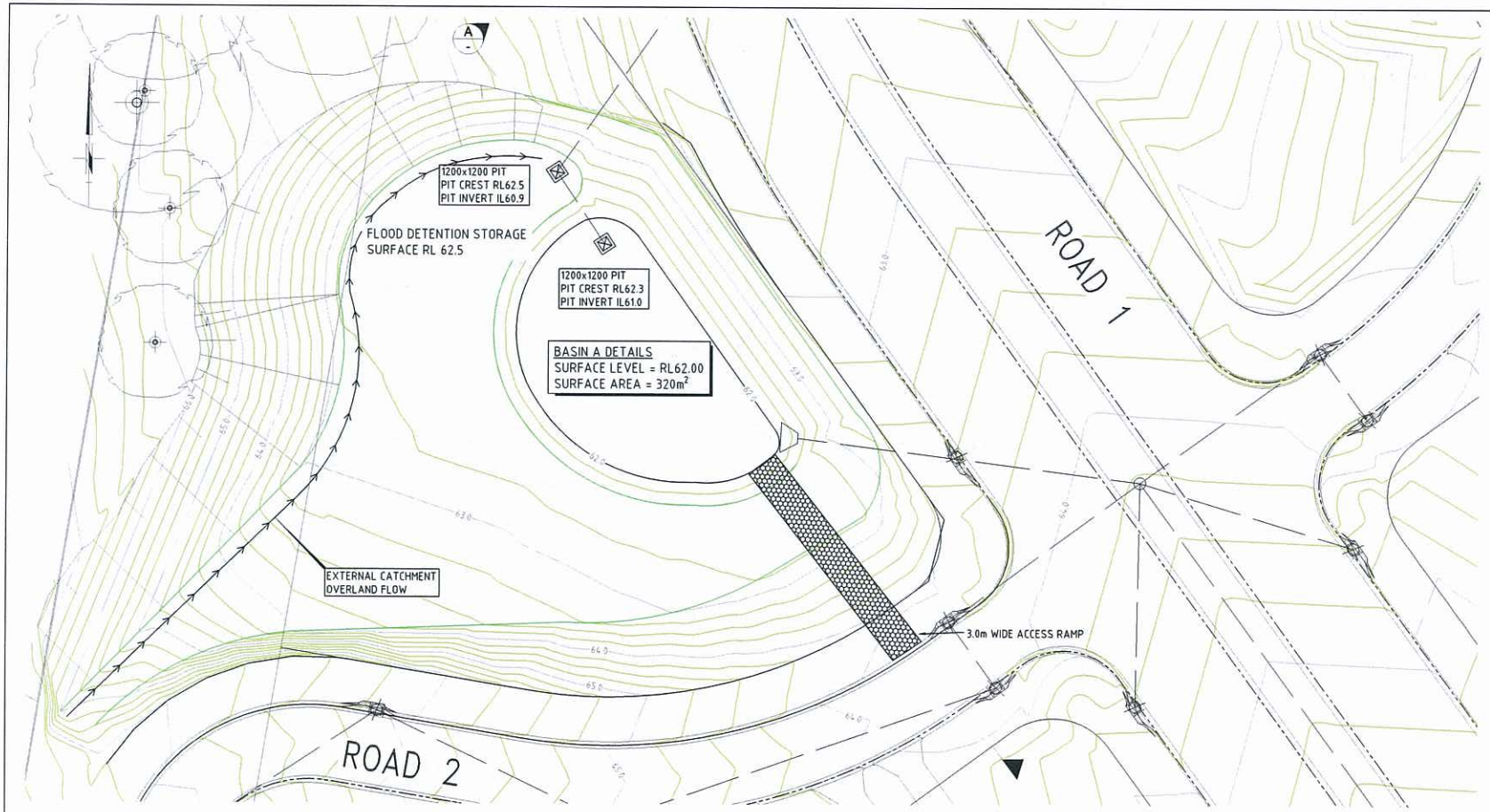
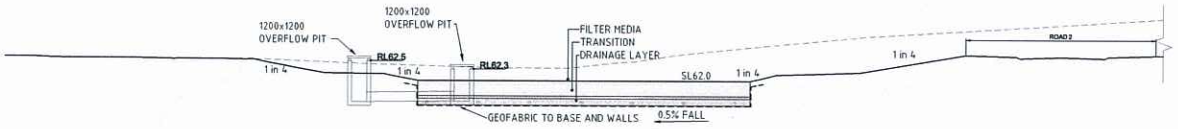


LAYOUT PLAN
SCALE 1:200 (A1)



B TYPICAL CROSS SECTION BASIN B
N.T.S.

LEGEND

- EXISTING TREE TO BE RETAINED
- EXISTING EXTENT OF VEGETATION TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- OVERFLOW PIT

NOTE:

1. BIORETENTION BASINS SHALL BE DESIGNED IN ACCORDANCE WITH 'DESIGN FLOW' (CONSULTANTS) DETAILS AND SPECIFICATIONS.
2. REFER LANDSCAPE ARCHITECT'S DRAWINGS FOR BASIN VEGETATION DETAILS.
3. DETAILS OF PIT, PIPE AND UNDERDRAINS TO BE PROVIDED AS PART OF DETAILED DESIGN FOR OPERATIONAL WORKS. UNDERDRAINS TO BE INSTALLED AT 2m max. SPACINGS WITH END CAPS FOR CLEAN OUT.
4. BASE OF BIORETENTION BASIN TO BE CONSTRUCTED TO BASE RL AS SHOWN ON LAYOUTS TO ALLOW 0.5% FALL TOWARDS OUTLET PITS.
5. THESE ARE CONCEPT DRAWINGS ONLY. SHAPE AND FUNCTION ARE TO BE REFINED AS PART OF DETAILED DESIGN FOR OPERATIONAL WORKS
6. SEDIMENT FOREBAYS TO BE INCLUDED AT EACH INLET TO BIORETENION BASIN IN DETAILED DESIGN.
7. STORMWATER PIPES SHOWN ARE INDICATIVE ONLY. LOCATION AND SIZE OF PIPES SUBJECT TO DETAILED DESIGN.
8. WEIRS SHOWN ARE INDICATIVE ONLY. LOCATION AND SIZE OF WEIRS TO BE CONFIRMED FOLLOWING DETAILED DESIGN OF THE BIORETENION BASIN

REV.	DESCRIPTION	DATE	APP'D.	REV.	DESCRIPTION	APP'D.
A	ORIGINAL ISSUE	28/10/10	NS			

Client

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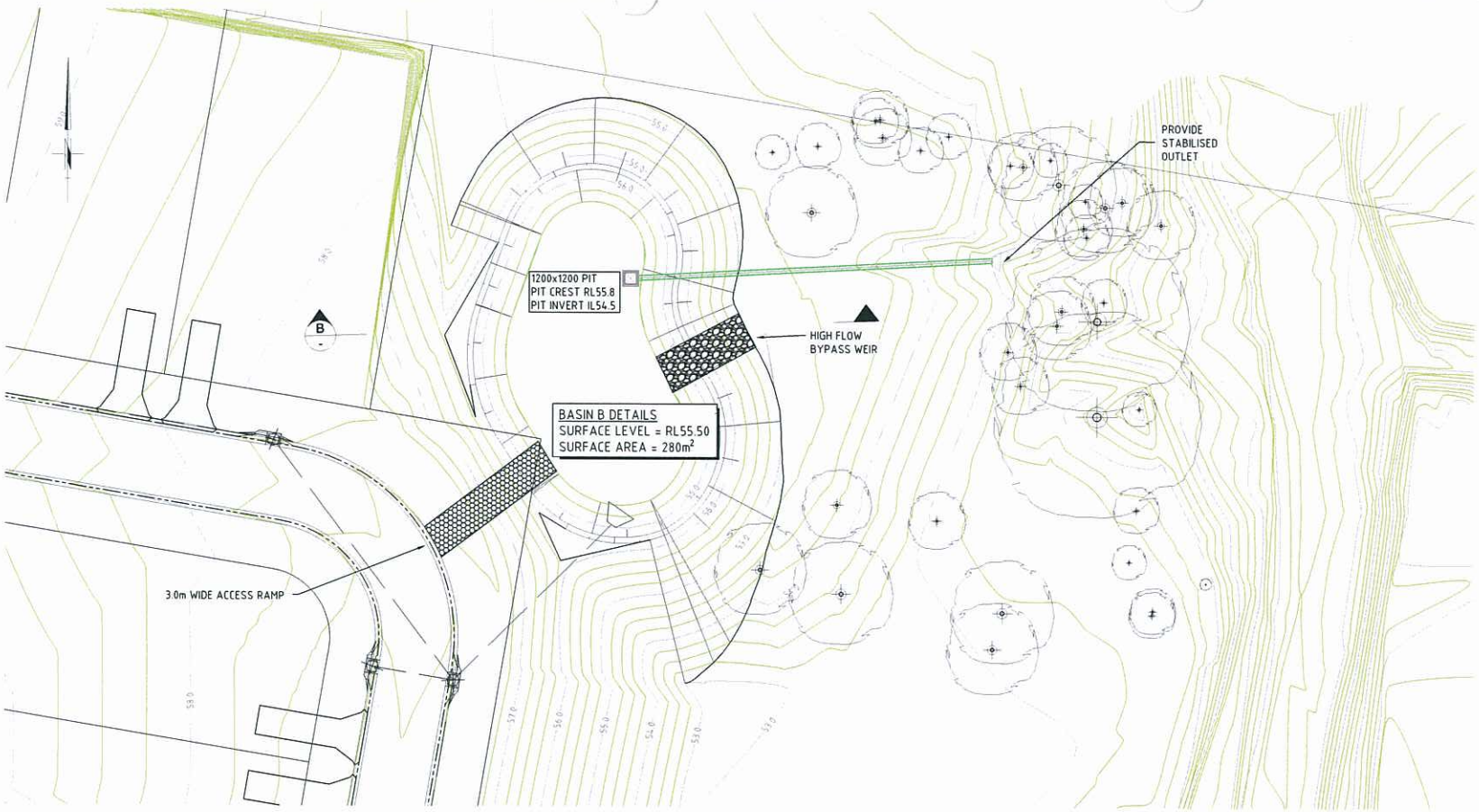
Project
PARADISE WATERS - PRECINCT A
WATER SENSITIVE URBAN DESIGN

BIORETENTION BASIN A
CONCEPTUAL DESIGN

Designed NS	Approved
Drawn ST	RPEQ Date
Date 28/10/10	Drawing No. 4134-SK-002
Scale at A1 AS SHOWN	Rev. A

Original sheet size A1



LAYOUT PLAN
SCALE 1:200 (A1)

LEGEND

- EXISTING TREE TO BE RETAINED
- EXISTING EXTENT OF VEGETATION TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- OVERFLOW PIT

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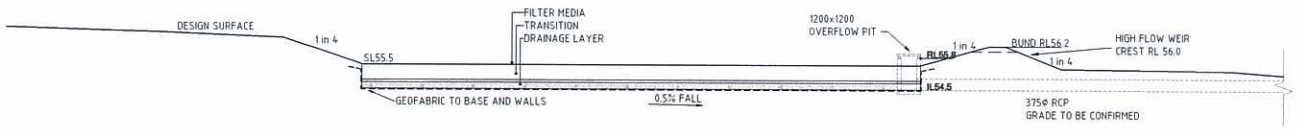

B TYPICAL CROSS SECTION BASIN B
N.T.S.

REV.	DESCRIPTION	DATE	APP'D.	REV.	DESCRIPTION	DATE	APP'D.
A	ORIGINAL ISSUE	28/10/10	NS				

Client

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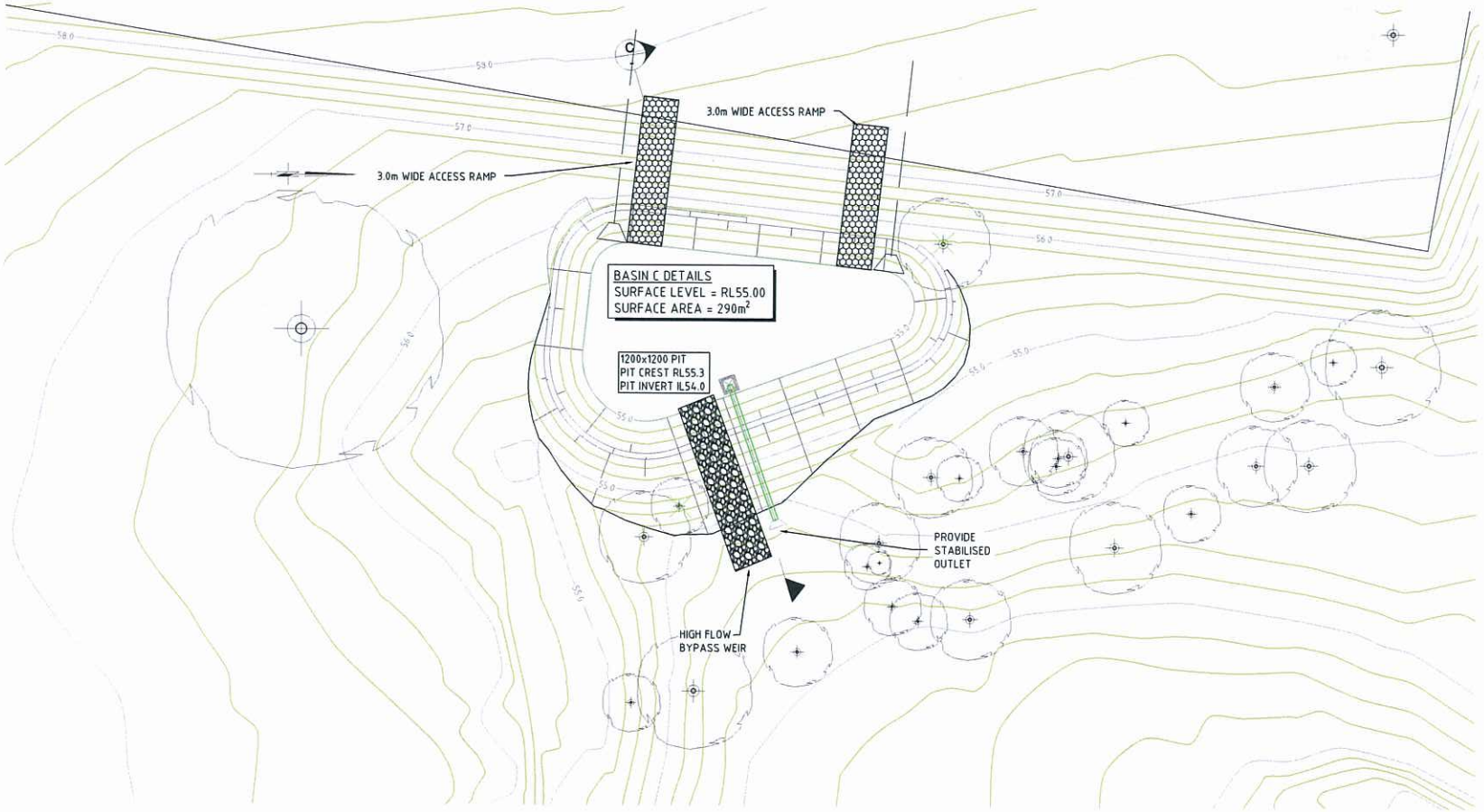
Project
PARADISE WATERS - PRECINCT A
WATER SENSITIVE URBAN DESIGN

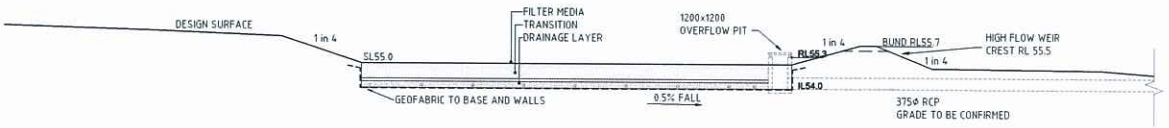
BIORETENTION BASIN B
CONCEPTUAL DESIGN

Designed	NS
Drawn	ST
Date	28/10/10
Scale at A1	AS SHOWN
Approved	
RPEQ	Date
Drawing No.	4134-SK-003
Rev.	A

Original sheet size A1



LAYOUT PLAN
SCALE 1:200 (A1)



C TYPICAL CROSS SECTION BASIN C
SCALE N.T.S.

LEGEND

- EXISTING TREE TO BE RETAINED
- EXISTING EXTENT OF VEGETATION TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- OVERFLOW PIT

NOTE:

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REV.	DESCRIPTION	DATE	APP'D.	REV.	DESCRIPTION	APP'D.
A	ORIGINAL ISSUE	28/10/10	NS			

Client

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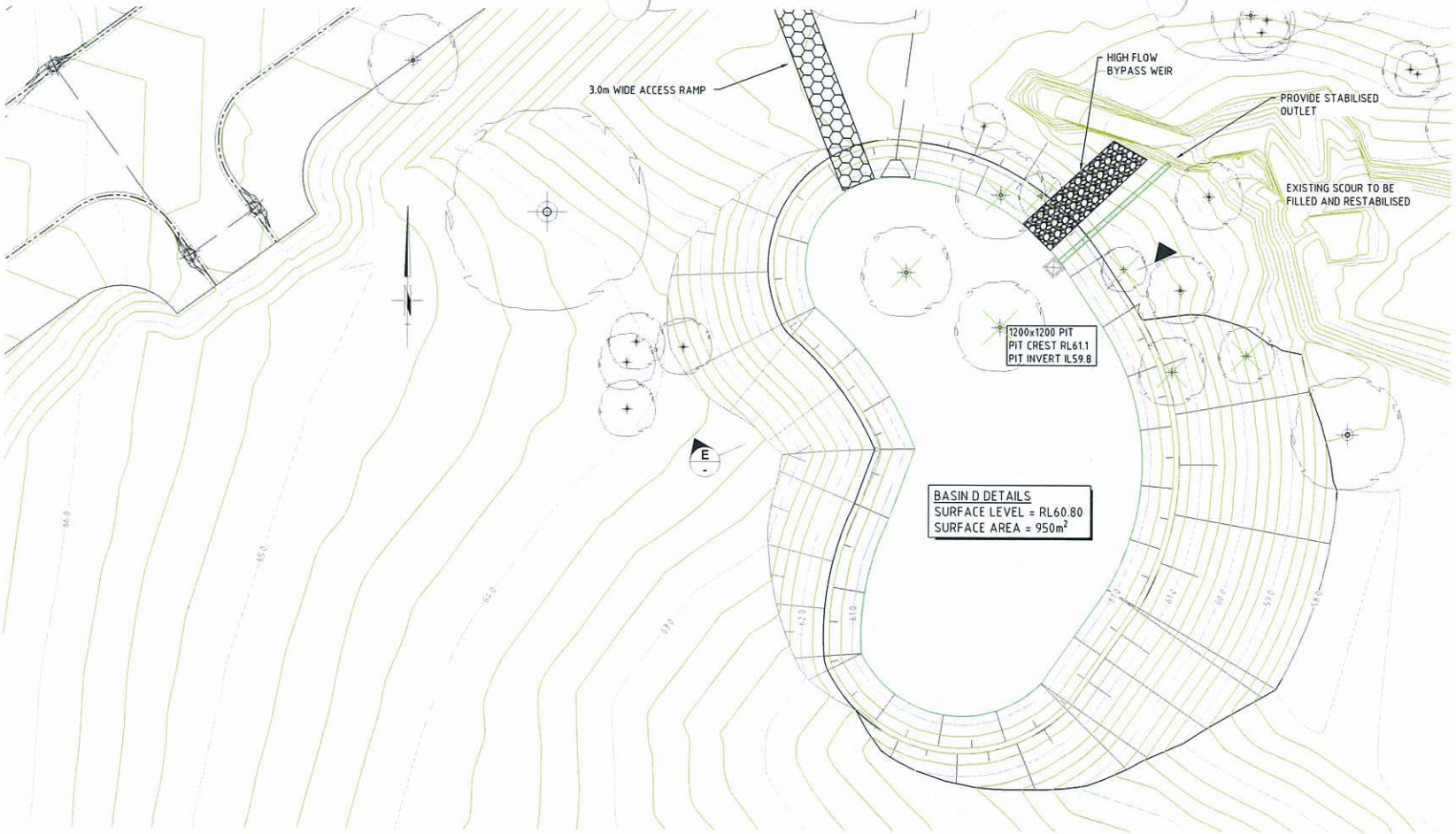
Project
PARADISE WATERS - PRECINCT A
WATER SENSITIVE URBAN DESIGN

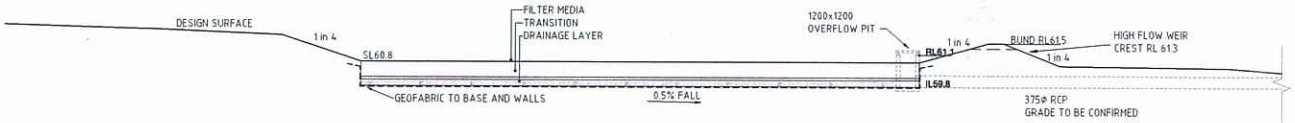
BIORETENTION BASIN C
CONCEPTUAL DESIGN

Designed NS		Approved	
Drawn ST		RPEQ	Date
Date 28/10/10	Drawing No. 4134-SK-004		Rev. A
Scale at A1 AS SHOWN			

Original sheet size A1



LAYOUT PLAN
SCALE 1:200 (A1)



E TYPICAL CROSS SECTION BASIN E
N.T.S.

LEGEND

- EXISTING TREE TO BE RETAINED
- EXISTING EXTENT OF VEGETATION TO BE RETAINED
- EXISTING TREE TO BE REMOVED
- OVERFLOW PIT

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A	ORIGINAL ISSUE	28/10/10	NS				

Client:

Associated Consultants:
DesignFlow
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Project:
PARADISE WATERS - PRECINCT A
WATER SENSITIVE URBAN DESIGN

BIORETENTION BASIN E
CONCEPTUAL DESIGN

Designed NS		Approved	
Drawn ST		RPEQ	Date
Date 28/10/10		Drawing No. 4134-SK-005	Rev. A
Scale at A1 AS SHOWN			

Original sheet size A1

Preliminary Waterway Stability Assessment

To Be Submitted