

Water Hazard

Sign to Face POS (not Basin)

2m Maintenance Zone. 1:20

Basin slope. See GA. Max 1:3 Generally 1:4

Basin Warning Sign

Timber Knee Railing around the Basin

150mm Topsoil to Landscape Architects Specification

Suitable Site Won Material to Table 6/1 of SHW, Thickness as per Bouyancy Calculations

38.75

38.70

3 Steepest 1

1100mm Timber Railing around the headwall

1100

Impermeable Geo-membrane to lap into pond liner brackets on Headwall

Freeboard 265

See Drainage plan for Details

Silt interceptor vegetation to Landscape Architects Specification

Reno Mattress 1.8m x 2m x 0.3m deep

For Basin Bed Level see Drainage plan 5968-003-115_117

Althon Pre-Cast Concrete Headwall. SFA12 A Headwall Inlet sfa1 675 Outfall safety grille

Invert Level of incoming pipe to be set as per project drawings

Rocker Pipe

Incoming Pipe

Class S OR Z Pipe Bedding as shown in the Project Drawings

Top Protection
geoNETEX A PP(300TT) by Juta to be used above for protection of impermeable membrane.

1mm thick Junifol HDPE CE impermeable membrane by Juta. To be installed to manufacturers guidelines

Bottom Protection
Where the substrate contains changes in elevation of >12mm, or particle protrusions from the substrate exceed 12mm, the geoNETEX A PP(300TT) by Juta shall be used below the impermeable membrane for protection.

TYPICAL THROUGH BASIN DETAIL INLET PIPE

Scale 1:20

Basin slope. See GA. Max 1:3 Generally 1:4

2m Maintenance Zone. 1:20

Basin Warning Sign

Water Hazard

Sign to Face POS (not Basin)

150mm Topsoil to Landscape Architects Specification
Min. 500mm thick Suitable Site Won Material to Table 6/1 of SHW - SUBJECT TO FLOATATION CALCULATIONS

Basin slope. See GA. Max 1:3 Generally 1:4

150mm Topsoil to Landscape Architects Specification

Suitable Site Won Material to Table 6/1 of SHW, Thickness as per Bouyancy Calculations

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3 Steepest 1

1100mm Timber Railing around the headwall

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Impermeable Geo-membrane to lap into pond liner brackets on Headwall

Freeboard 265

See Drainage plan for Details

Silt interceptor vegetation to Landscape Architects Specification

Reno Mattress 1.8m x 2m x 0.3m deep

For Basin Bed Level see Drainage plan 5968-003-115_117

Althon Pre-Cast Concrete Headwall. SFA13 A Headwall Inlet sfa1 675 Outfall safety grille

Invert Level of outgoing pipe to be set as per project drawings

Outgoing Pipe

Rocker Pipe

Class S OR Z Pipe Bedding as shown in the Project Drawings

Top Protection
geoNETEX A PP(300TT) by Juta to be used above for protection of impermeable membrane.

1mm thick Junifol HDPE CE impermeable membrane by Juta. To be installed to manufacturers guidelines

Bottom Protection
Where the substrate contains changes in elevation of >12mm, or particle protrusions from the substrate exceed 12mm, the geoNETEX A PP(300TT) by Juta shall be used below the impermeable membrane for protection.

TYPICAL THROUGH BASIN DETAIL OUTLET PIPE

Scale 1:20

150mm Topsoil to Landscape Architects Specification
Min. 500mm thick Suitable Site Won Material to Table 6/1 of SHW - SUBJECT TO FLOATATION CALCULATIONS

DO NOT SCALE OFF THIS DRAWING

NOTES

1. The contractor is responsible for verifying all site & setting out dimensions before commencing work.
2. This drawing is to be read in conjunction with all relevant Architectural and M&E drawings.
3. All dimensions in millimeters unless stated otherwise.

Rev	ISSUED FOR APPROVAL	Comment	VD	PJ	SB	22/07/2026
			By	Chkd	Appr	Date

APPROVAL

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Project
FOXHOLE FARMS
BOLNEY

Drawing Title
DRAINAGE DETAILS
SHEET 5

RWCL Internal Register reference: 5968-003

Scales @ A1

505 - A01