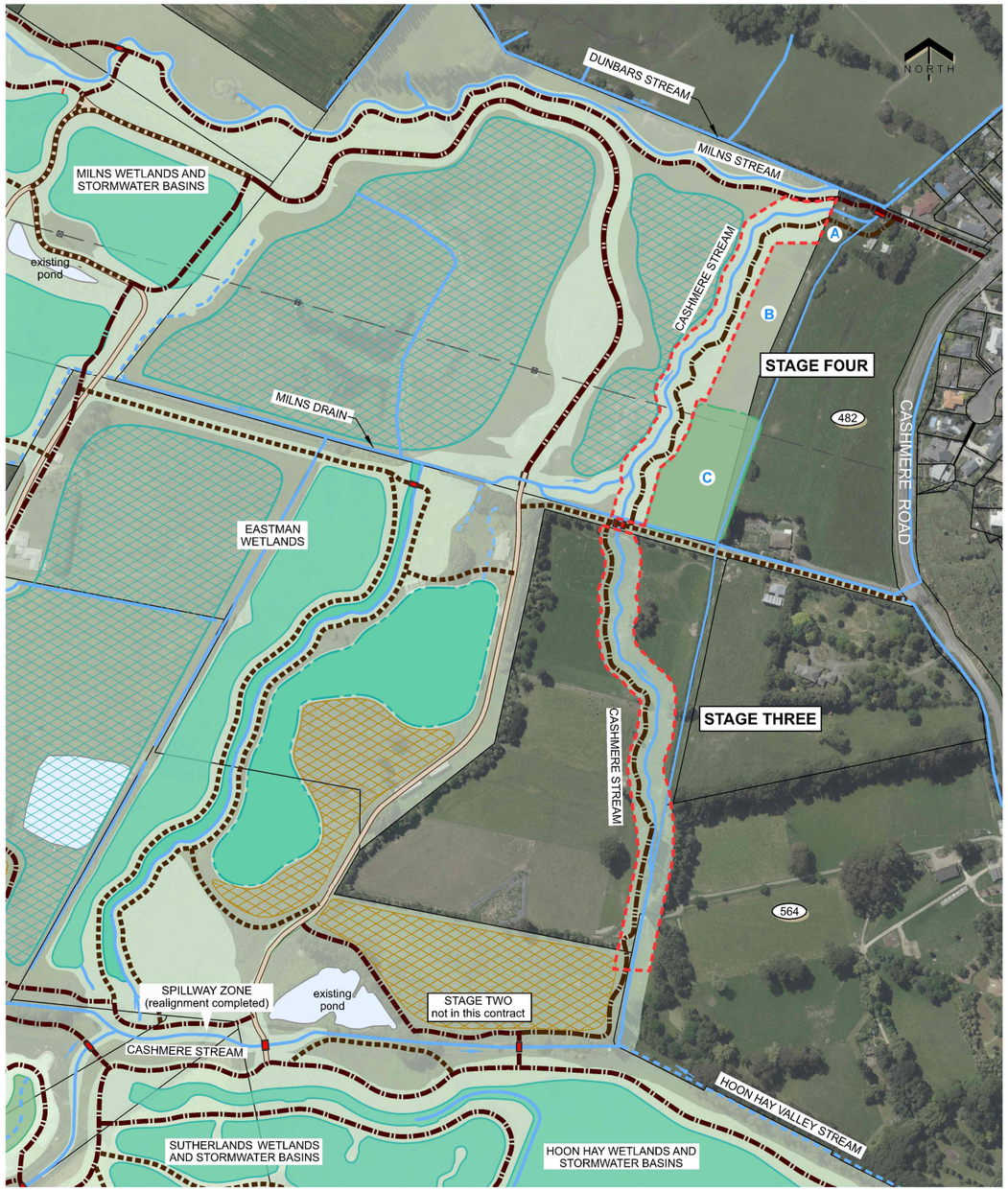

LOCALITY PLAN

1:2500 A1

1:5000 A3

100 50 0 100 200

SCALE (m)

LEGEND

- Waterways
- Tracks
- 30m wide corridor for Cashmere Stream (approx.)
- A Land required for stream alignment
- B Area to be provided for land swap (approx.)
- C Location of first flush basin (approx.)

DRAWING INDEX

LANDSCAPING			STATUS	ISSUE				COMMENTS
No.	DRAWING TITLE	CAD No		DAY :	20			
				MONTH :	8			
				YEAR :	22			
L01	Cover Sheet & Locality Plan	LP403201	Consultation	A				
L02	Realignment : Stage 3 Concept Plan	LP403201	Consultation	A				
L03	Realignment : Stage 3 Indicative Cross - sections Plan	LP403201	Consultation	A				
L04	Realignment : Stage 4 Concept Plan	LP403201	Consultation	A				
L05	Realignment : Stage 4 Indicative Cross - sections Plan	LP403201	Consultation	A				

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Christchurch City Council

CASHMERE STREAM ENHANCEMENT
REALIGNMENT : STAGES 3 & 4

OVERALL CONCEPT

CONSULTATION PLAN

SHEET 1 OF 5

Original Plan Size: A1
ISSUE. 1 AUGUST 2022
LP403201 AS/GW CP503560

LEGEND

EXISTING FEATURES:

- TREE (RETAIN AND PROTECT)
- TOP OF BANK (EXISTING STREAM ALIGNMENT)
- FENCE
- BRIDGE / CROSSING

EXISTING FEATURES TO BE REMOVED:

- TREE (TO BE CONFIRMED)
- FENCE
- BRIDGE / CROSSING

PROPOSED FEATURES:

- TOP OF BANK
- 2.4m WIDE SEALED GRIT PATH
- BRIDGE / CROSSING
- PROPOSED OPEN VIEWS FROM PATH TO THE STREAM AND TO ADJACENT PADDOCKS AND HILLS BEYOND
- RIPARIAN MARGIN PLANTING

BANKS ARE TO BE PLANTED TO MAXIMISE SHADING OF THE WATERWAY. SEDGES WILL BE PLANTED AT THE MARGIN TO OVERHANG THE WATER WITH A MIXTURE OF SHRUBS AND TREES FURTHER UP THE BANKS.

- INDIGENOUS FOREST PLANTING (UPPER AND TOP OF BANK)
- SPECIMEN TREES (PREDOMINANTLY TOTARA AND MATAI TO BE AT LEAST 1.5m IN HEIGHT AT TIME OF PLANTING)

IN-STREAM FEATURE

- INDICATIVE LOCATION OF IN-STREAM FEATURES. TYPE OF FEATURE AND LOCATIONS TO BE DETERMINED AT A LATER STAGE.

MATE INTO STAGE 4 VIEWS

OPEN PADDOCK

ROCK EDGE AND STEPS TO STREAM EDGE

SECTION 273 SHEET 3

VIEWS

GRASS SLOPE DOWN TO GRAVEL BEACH

ACCESSIBLE PRIMARY RECREATIONAL PATH

EXISTING CULVERT TO BE RETAINED. CULVERT TO BE PROVIDED UNDER FOOTPATH

SECTION 269 SHEET 3

CASHMERE STREAM

POTENTIAL FENCE LOCATION (IF REQUIRED)

CASHMERE ROAD PLAN No 3

OPEN PADDOCK

ROCK EDGE AND STEPS TO STREAM EDGE

SECTION 265 SHEET 3

VIEWS

EXISTING FENCE TO BE REMOVED

VIEWS

POSSIBLE PLANTING ON PRIVATE PROPERTY BY LAND OWNER

POTENTIAL LOCATION FOR SEAT

POTENTIAL LOCATION FOR INTERPRETATION PANEL

EXISTING UNSAFE BRIDGE TO BE REMOVED

TO CASHMERE ROAD

FUTURE STOCK PROOF GATES (SELF CLOSING)

EXISTING FENCE TO BE REMOVED

STOCK GATES

EXISTING FENCE

POTENTIAL FENCE LOCATION (IF REQUIRED)

SECTION OF OLD CASHMERE STREAM ALIGNMENT TO BE FILLED IN AND GRASSED OVER

0 10 20 30 40 50 60

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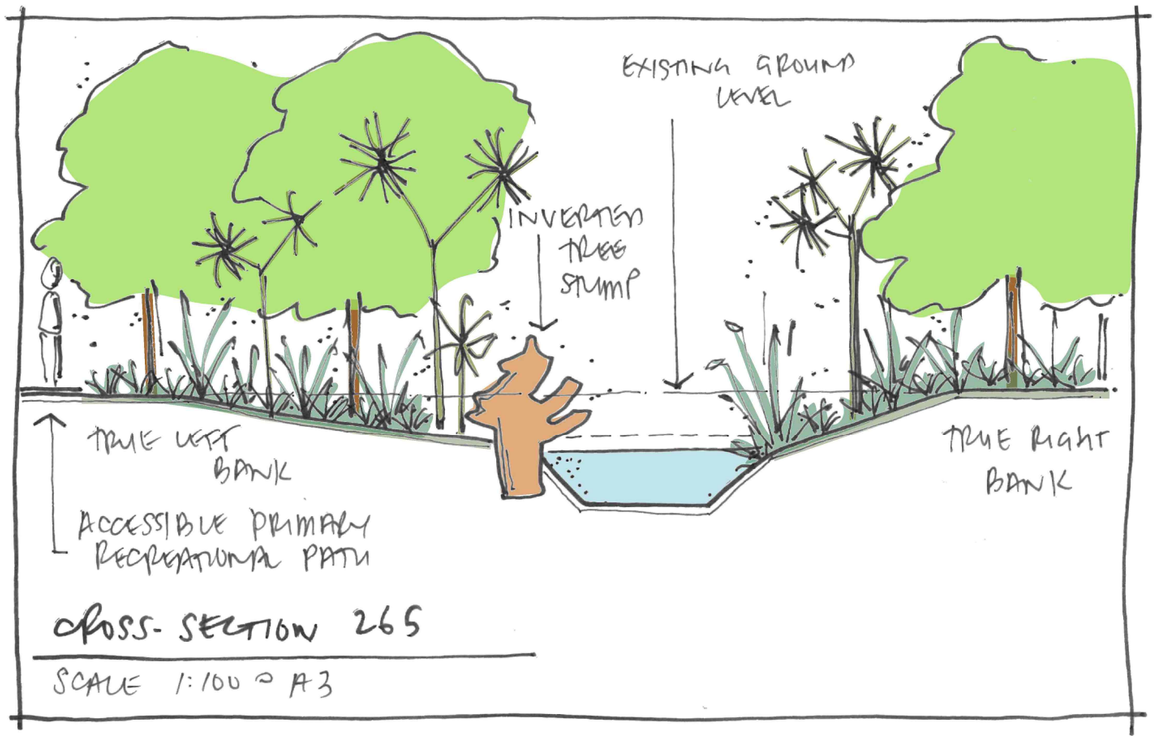
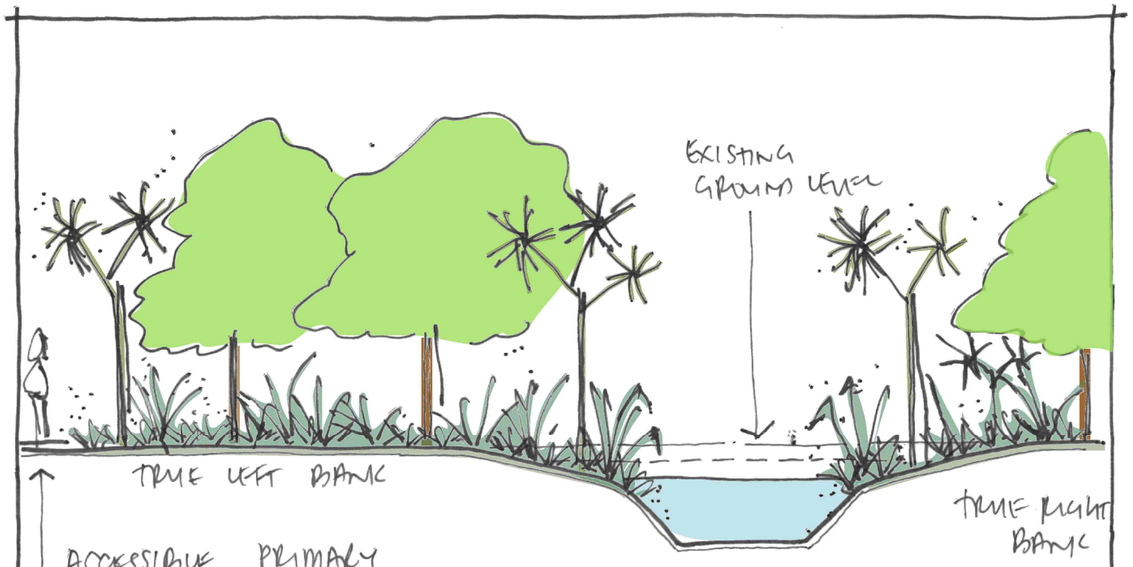
Christchurch City Council		CASHMERE STREAM ENHANCEMENT REALIGNMENT : STAGES 3 & 4	REALIGNMENT : STAGE 3 OVERALL CONCEPT	CONSULTATION PLAN	Original Plan Size: A1 ISSUE. 1 AUGUST 2022 LP403201 AS/GW CP503560 SHEET 2 OF 5



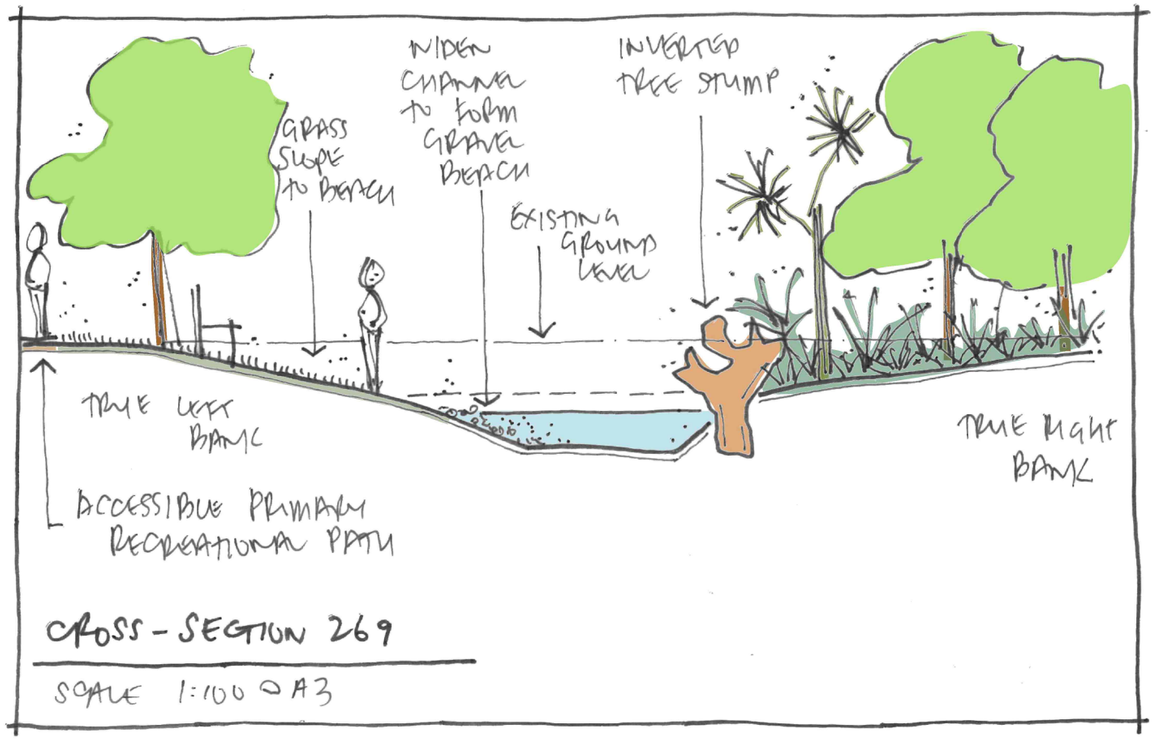
CROSS-SECTION 265

SCALE 1:100 @ A3



CROSS-SECTION 273

SCALE 1:100 @ A3



CROSS-SECTION 269

SCALE 1:100 @ A3

NOTES:

1. CROSS-SECTIONS ARE INDICATIVE ONLY. INVERT AND WATER LEVELS TO BE CONFIRMED.
2. REFER TO SHEET 2 FOR SECTION LOCATIONS.
3. IN-STREAM FEATURES ARE INDICATIVE ONLY. FEATURES AND LOCATIONS TO BE DETERMINED AT A LATER STAGE.

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Christchurch City Council

CASHMERE STREAM ENHANCEMENT
REALIGNMENT : STAGES 3 & 4

REALIGNMENT : STAGE 3
INDICATIVE CROSS SECTIONS

CONSULTATION PLAN

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POTENTIAL OUTLET FROM EASTMAN WETLANDS

INDICATIVE LOCATION FOR CHANNEL, SUBJECT TO FUTURE DESIGN

SECTION 277 SHEET 5

HV LINE

SECTION 280 SHEET 5

GRAVEL BEACH

POTENTIAL SEAT LOCATION

ROCK STEPS DOWN TO GRAVEL BEACH

POTENTIAL LOCATION FOR INTERPRETIVE SIGN

EXISTING CHANNEL - POTENTIAL TO PROVIDE AN OUTLET FROM THE WETLAND FOR OVERFLOW SITUATIONS

APPROXIMATE EXTENT OF WETLAND

ROCK EDGE AND STEPS TO STREAM EDGE

MERGE INTO STAGE 3 HERE

VIEWS

ROCK EDGE AND STEPS TO STREAM EDGE

VIEWS

CASHMERE STREAM

ACCESS TO CASHMERE ROAD VIA DRIVEWAY

LAWN

VIEWS

"STUMP" SEATS WORKED WITHIN NATIVE GRASSES

POTENTIAL FUTURE PEDESTRIAN LINK

VIEWS

APPROXIMATE LOCATION OF FIRST FLUSH BASIN

HV LINE

APPROXIMATE AREA TO PROVIDE AS LAND SWAP

ACCESSIBLE PRIMARY RECREATIONAL PATH

APPROXIMATE LOCATION OF FOOTPATH ADJACENT TO MILNS STREAM

DUNBARS WATERWAY

POTENTIAL LOCATION FOR ENTRANCE SIGN / MAP

POTENTIAL FUTURE PEDESTRIAN LINK

SECTION 285 SHEET 5

CASHMERE ROAD DRAIN No 3

LAND REQUIRED TO ENHANCE CASHMERE ROAD DRAIN No 3

SECTION OF OLD CASHMERE STREAM ALIGNMENT TO BE FILLED IN

ROCK EDGE AND STEPS TO STREAM EDGE

LAND REQUIRED FOR CASHMERE STREAM REALIGNMENT

POTENTIAL FUTURE PEDESTRIAN / CYCLE LINK TO CASHMERE ROAD

LEGEND

EXISTING FEATURES:

- TREE (RETAIN AND PROTECT)
- TOP OF BANK (EXISTING STREAM ALIGNMENT)

EXISTING FEATURES TO BE REMOVED:

- TREE (TO BE CONFIRMED)
- (1) BRIDGE / CROSSING

PROPOSED FEATURES:

- TOP OF BANK
- 2.4m WIDE SHARED USE PATH
- (2) BRIDGE / CROSSING
- PROPOSED OPEN VIEWS FROM PATH TO THE STREAM AND TO PROPOSED FIRST FLUSH BASIN AND ADJACENT SUBDIVISION
- + SPECIMEN TREES (PREDOMINANTLY TOTARA AND MATAI TO BE AT LEAST 1.6m IN HEIGHT AT TIME OF PLANTING)
- RIPPARIAN MARGIN PLANTING

BANKS ARE TO BE PLANTED TO MAXIMISE SHAPING OF THE WATERWAY. SEDGES WILL BE PLANTED AT THE MARGIN TO OVERHANG THE WATER WITH A MIXTURE OF SHRUBS AND TREES FURTHER UP THE BANKS

- INDIGENOUS FOREST PLANTING
- BUFFER PLANTING ADJACENT TO SUBDIVISION (MIX OF LOW AND MEDIUM HEIGHT)

IN-STREAM FEATURES

- INDICATIVE LOCATION OF IN-STREAM FEATURES, TYPE IF FEATURE AND LOCATION TO BE DETERMINED AT A LATER STAGE.

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0 10 20 30 40 50 60

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Original size mm 300 200 150 100 50 30 10 0

Christchurch City Council

CASHMERE STREAM ENHANCEMENT
REALIGNMENT : STAGES 3 & 4

REALIGNMENT : STAGE 4
OVERALL CONCEPT

CONSULTATION PLAN

SHEET 4 OF 5

Original Plan Size: A1
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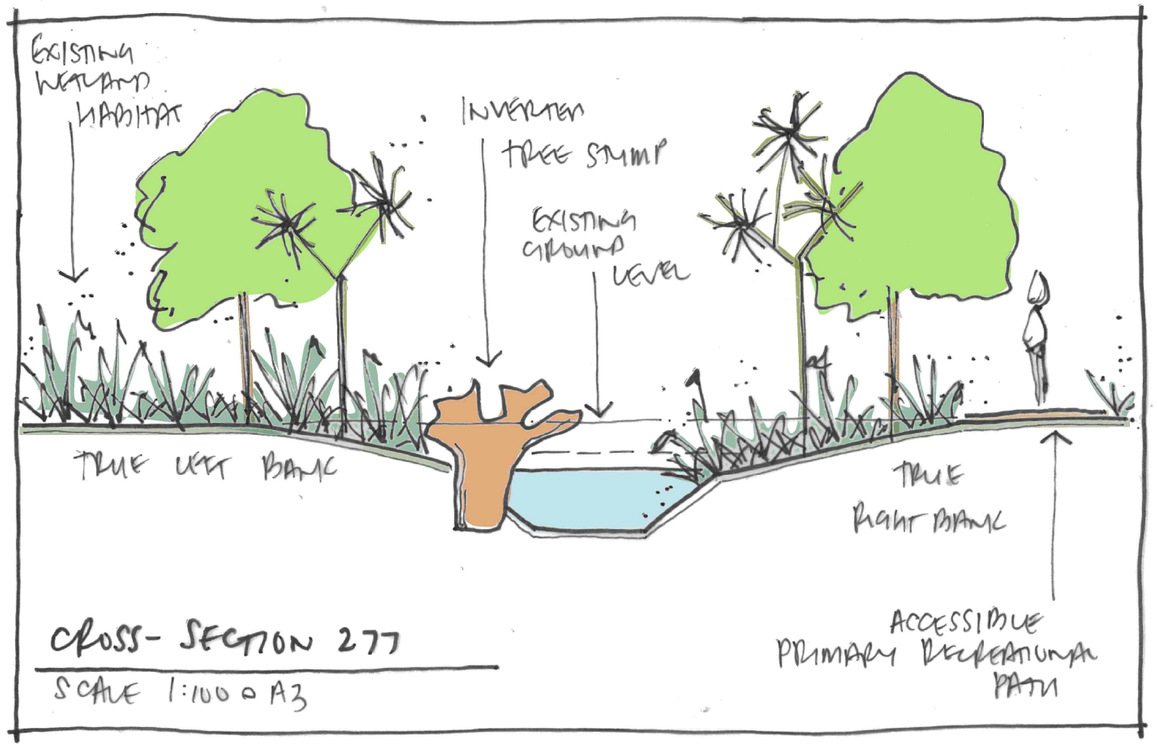
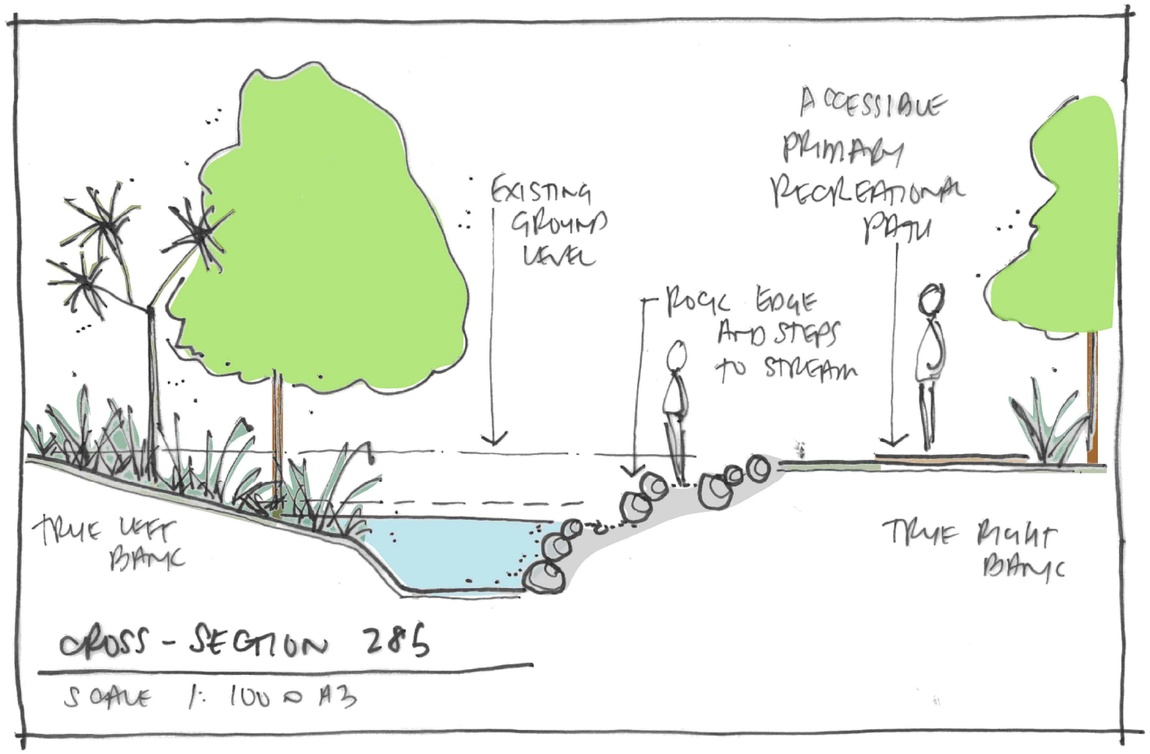


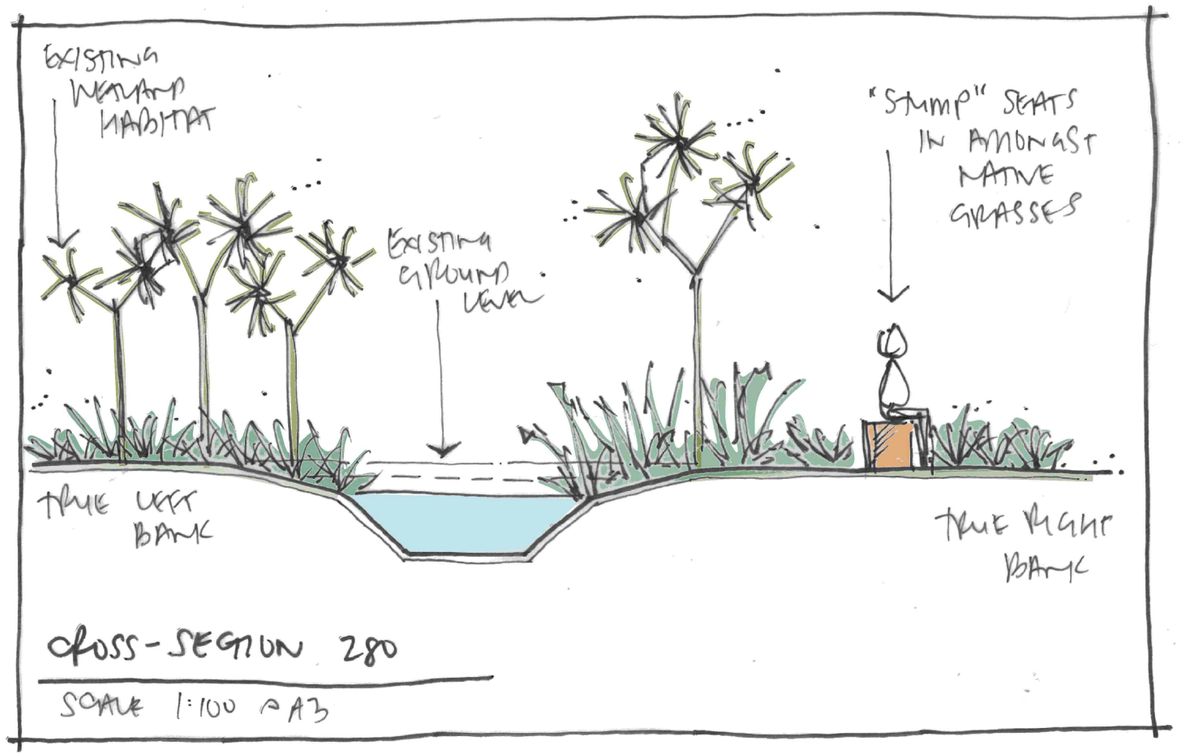
CROSS-SECTION 277

SCALE 1:100 @ A3



CROSS-SECTION 285

SCALE 1:100 @ A3



CROSS-SECTION 280

SCALE 1:100 @ A3

NOTES:

1. CROSS-SECTIONS ARE INDICATIVE ONLY. INVERT AND WATER LEVELS TO BE CONFIRMED.
2. REFER TO SHEET 4 FOR SECTION LOCATIONS.
3. IN-STREAM FEATURES ARE INDICATIVE ONLY. FEATURES AND LOCATIONS TO BE DETERMINED AT A LATER STAGE

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CASHMERE STREAM ENHANCEMENT
REALIGNMENT : STAGES 3 & 4

REALIGNMENT : STAGE 4
INDICATIVE CROSS SECTIONS

CONSULTATION PLAN

SHEET 5 OF 5

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