

**GENERAL NOTES:**

Interspersed pools no larger than 3.5m wide with cluster of rocks at downstream end to provide turbulence and increase oxygen levels in stream.

Stream to be constructed within run/riffle profile to avoid weed and fine sediment build up. Refer to Typical Section 1 on Sheet L 1.4.

Pools to include logs dug into the new bank profile to provide habitat. A by-pass channel is required for fish passage. Refer to Typical Section 3 on Sheet L 1.4.

True Right Bank (TRB) is terraced to maintain flows during base flow conditions and accommodate flood events. Refer to Typical Section 1 on Sheet L 1.4.

High stream shading with trees and shrub planting.

True Left Bank (TLB) will not be modified by earthworks. Rock outcrops into the stream on the TLB will naturalise edge and provide turbulence. Refer to Typical Section 2 on Sheet L 1.4.

Developer (CDL) will fund Schedules 1 to 4 and funding from CCC will be sought for Schedule 5, given it is outside the Developers scope and was formed without planting.

Cabbage trees are setback from waterways.

Trees in grass planted in 1m dia bark mulch circles. Larger grade trees to be staked.

**TYPICAL PLANT SPECIES:**

**Riparian Planting (stream edges and terraced shelves)**

- > Juncus edgariae
- > Schoenoplectus tabernaemontani
- > Baumea rubiginosa
- > Cyperus ustulatus

**Lower Bank Planting (moderate inundation)**

- > Phormium tenax
- > Carex secta
- > Halocarpus bidwillii
- > Leptocarpus similis
- > Coprosma propinqua

**Upper Bank Planting (infrequent inundation)**

- > Myrsine divaricata
- > Hebe solicifolia
- > Griselinia littoralis
- > Pseudopanax Crassifolius
- > Hoheria angustifolia
- > Pittosporum tenuifolium

**Specimen Trees (planted at large grade)**

- > Podocarpus totara
- > Sophora microphylla
- > Dodonaea viscosa
- > Cordyline australis
- > Plagianthus regius
- > Pittosporum eugenoides



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REV	DATE	NOTES
4	25/06/2020	Council Review
5	30/06/2020	Council Review
6	1/09/2020	Council Review

**LEGEND**

- Existing native planting to remain
- Snellings Stream
- Native shrub planting
- Native riparian planting
- CCC funded native planting
- Larger grade tree planting
- Grass
- Rocks (400 to 700mm dia)
- Footbridge
- Paths
- Cost Schedule 1 to 5 Extent Lines
- 4m tree setback requirement from residential lots.

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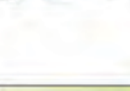



**OVERVIEW PLAN  
 SNELLINGS DRAIN REVITALISATION  
 PRESTONS PARK  
 PARKLANDS, CHRISTCHURCH**

JOB No.	19073
SCALE	1:1500 @ A1
DATE	10/01/2020
DESIGNED	R+M
DRAWN	R+M
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STATUS	COUNCIL REVIEW
DRAWING No.	REVISION
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SERIES	
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**LANDSCAPE CONCEPT PLANS  
 SNELLINGS DRAIN REVITALISATION  
 PRESTONS PARK  
 PARKLANDS, CHRISTCHURCH**

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**LANDSCAPE CONCEPT PLANS  
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 PRESTONS PARK  
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JOB No. 19073  
 SCALE 1:500 @ A1  
 DATE 10/01/2020  
 DESIGNED R+M  
 DRAWN R+M  
 CHECKED FM  
 STATUS COUNCIL REVIEW  
 DRAWING No. REVISION  
 L 1.1B 1  
 SERIES  
 2 of 6

AVIEMORE DRIVE

MAIREHAU ROAD

COST SCHEDULE 1B

COST SCHEDULE 1AA

COST SCHEDULE 1AA



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**COST SCHEDULE 3**  
 Typical pool with dug in logs habitat on the TRB. Refer to Typical Section 3 on Sheet L 1.4.

No earthworks on TLB.

Typical rocks build out on TLB. Refer to Typical Section 2 on Sheet L 1.4.

Typical sedges shelf on TRB. Refer to Typical Section 1 on Sheet L 1.4.

Concentration of tree planting around pools for shade.

Existing culvert under native planting to remain.

OPTION 2: New 1.6m wide asphalt path on sloping land. Low retaining to southern edge where required.

OPTION 2: 1.6m wide footbridge. Exposed aggregate concrete abutments each end.




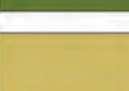



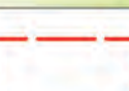



Existing 1.5m wide asphalt path in link reserve.

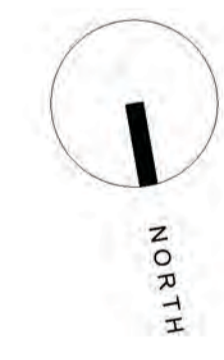
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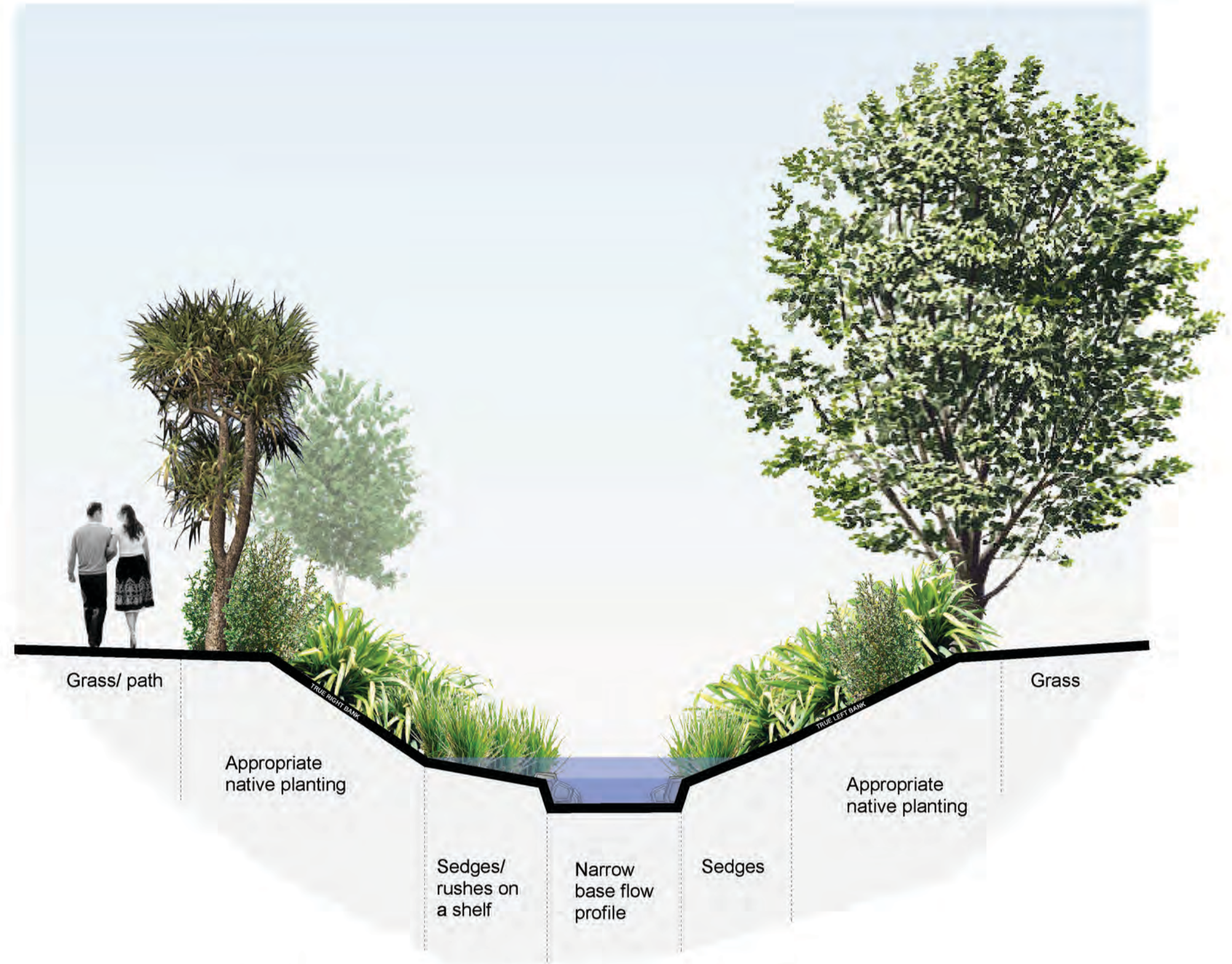


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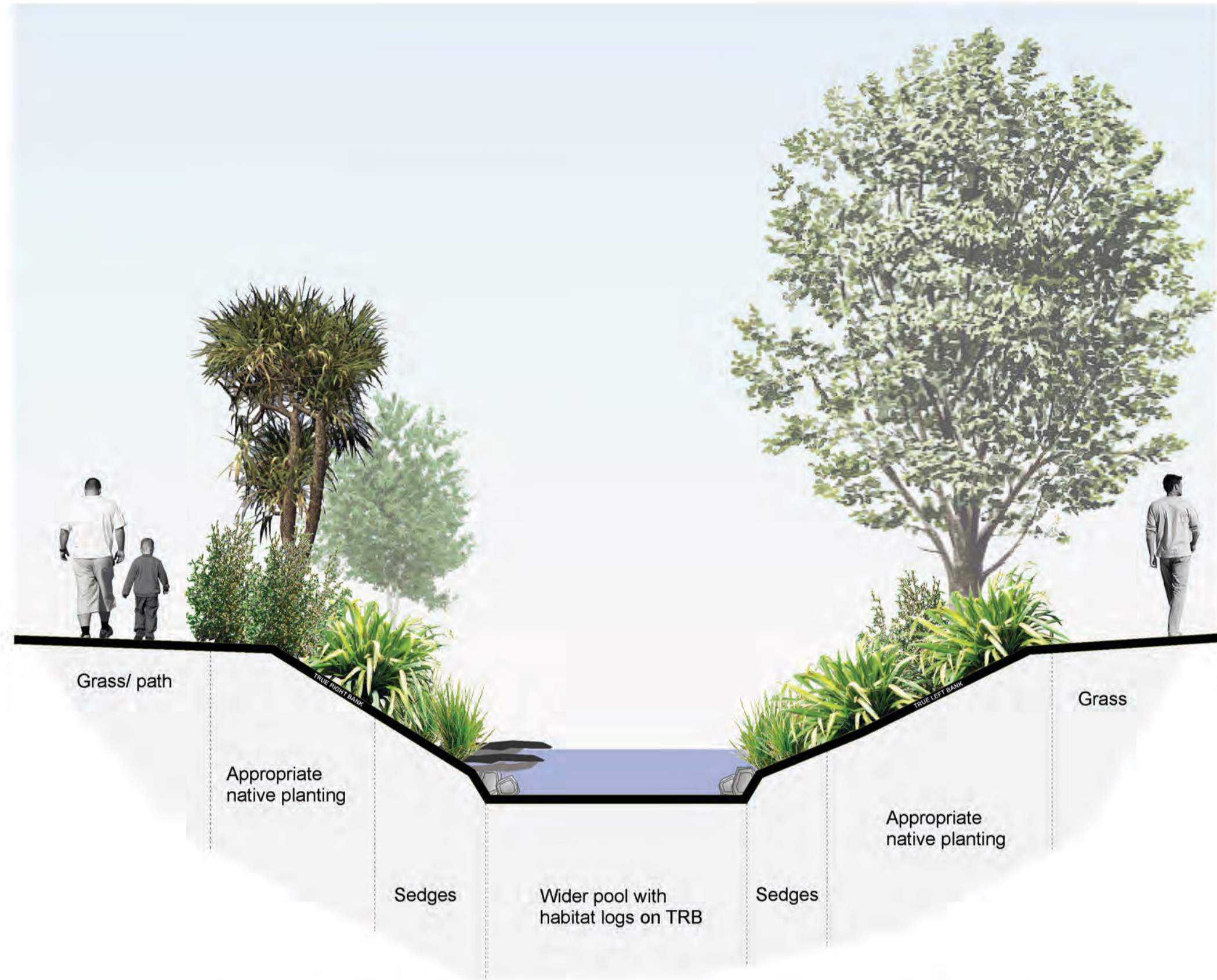
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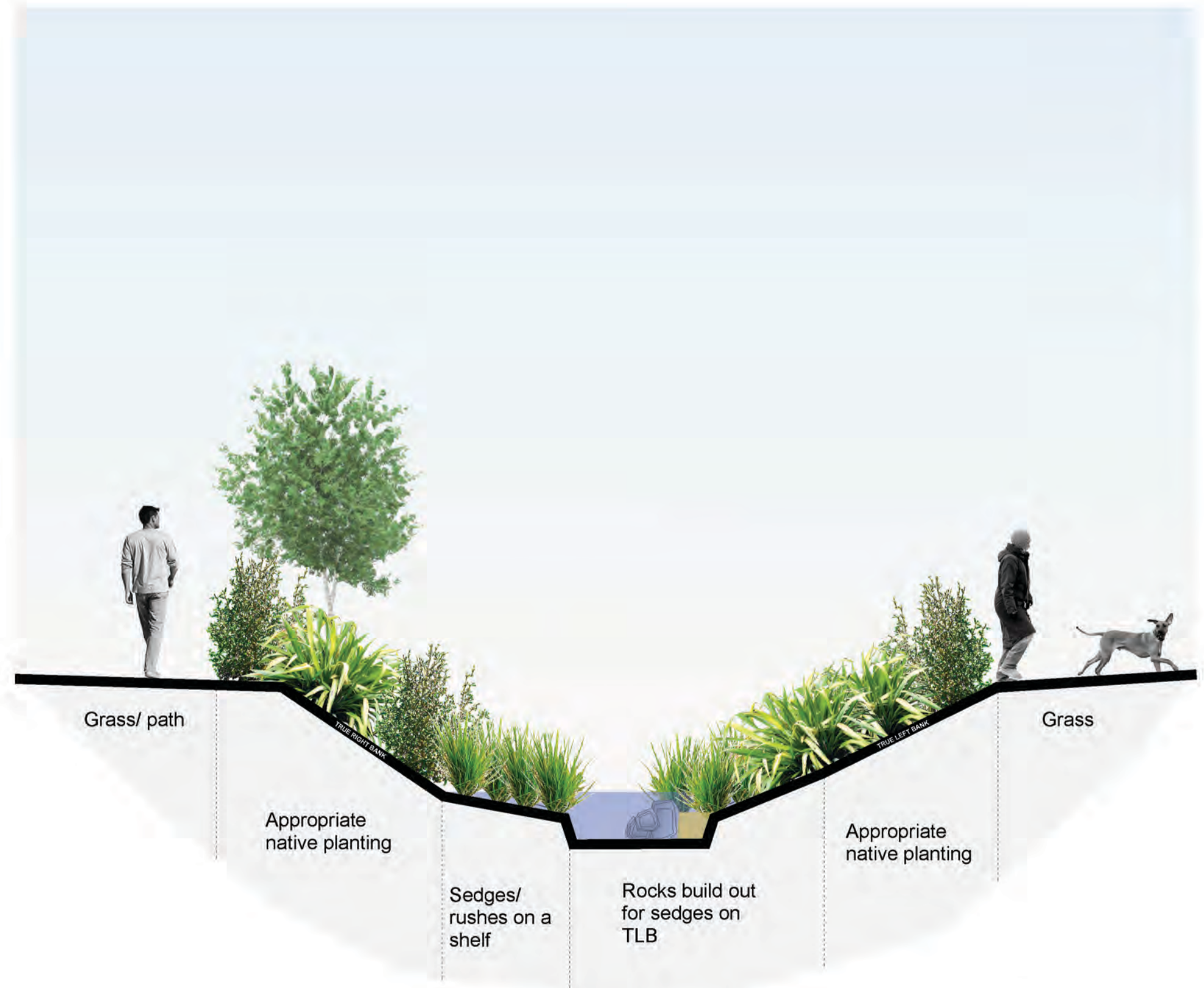




TYPICAL SECTION 1: RUN/ RIFFLE BANK PROFILE AND PLANTING



TYPICAL SECTION 3: INTERSPERSED POOL BANK PROFILE AND PLANTING



TYPICAL SECTION 2: TLB ROCKS BUILD OUT BANK PROFILE AND PLANTING