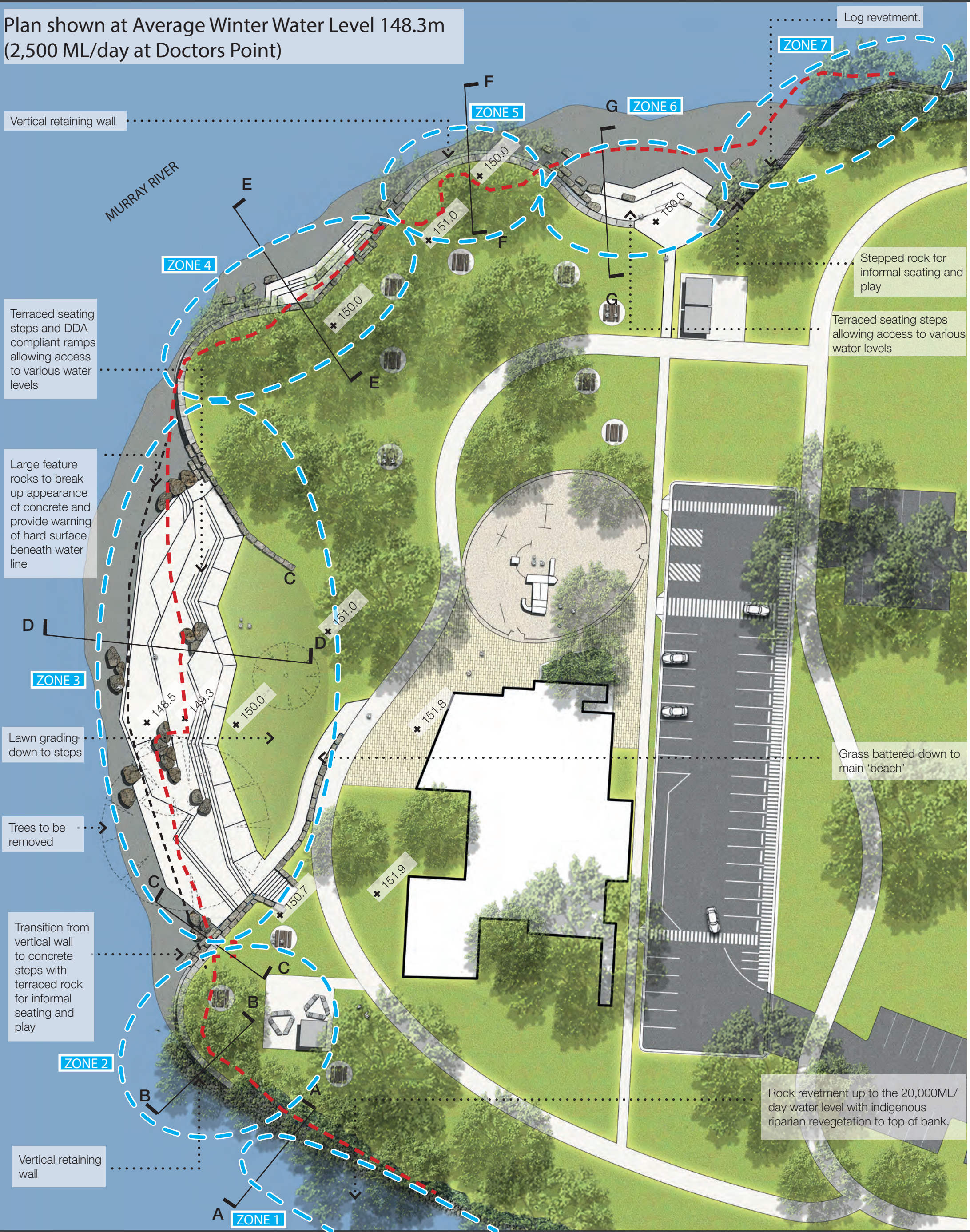


NOREUIL PARK RIVER BANK REHABILITATION

Plan shown at Average Winter Water Level 148.3m
(2,500 ML/day at Doctors Point)



LEGEND:

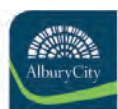
EXISTING TOP OF BANK



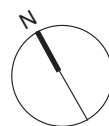
SCALE 1:500 @A3



woodhead



REV: D
DATE: 12.02.2019
GHD 31-36240



NOREUIL PARK RIVER BANK REHABILITATION

Plan shown at Average Summer Water Level 149.2m
(12,500 ML/day at Doctors Point)

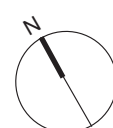
MURRAY RIVER



LEGEND:
--- EXISTING TOP OF BANK

0 5 10 20 30 m

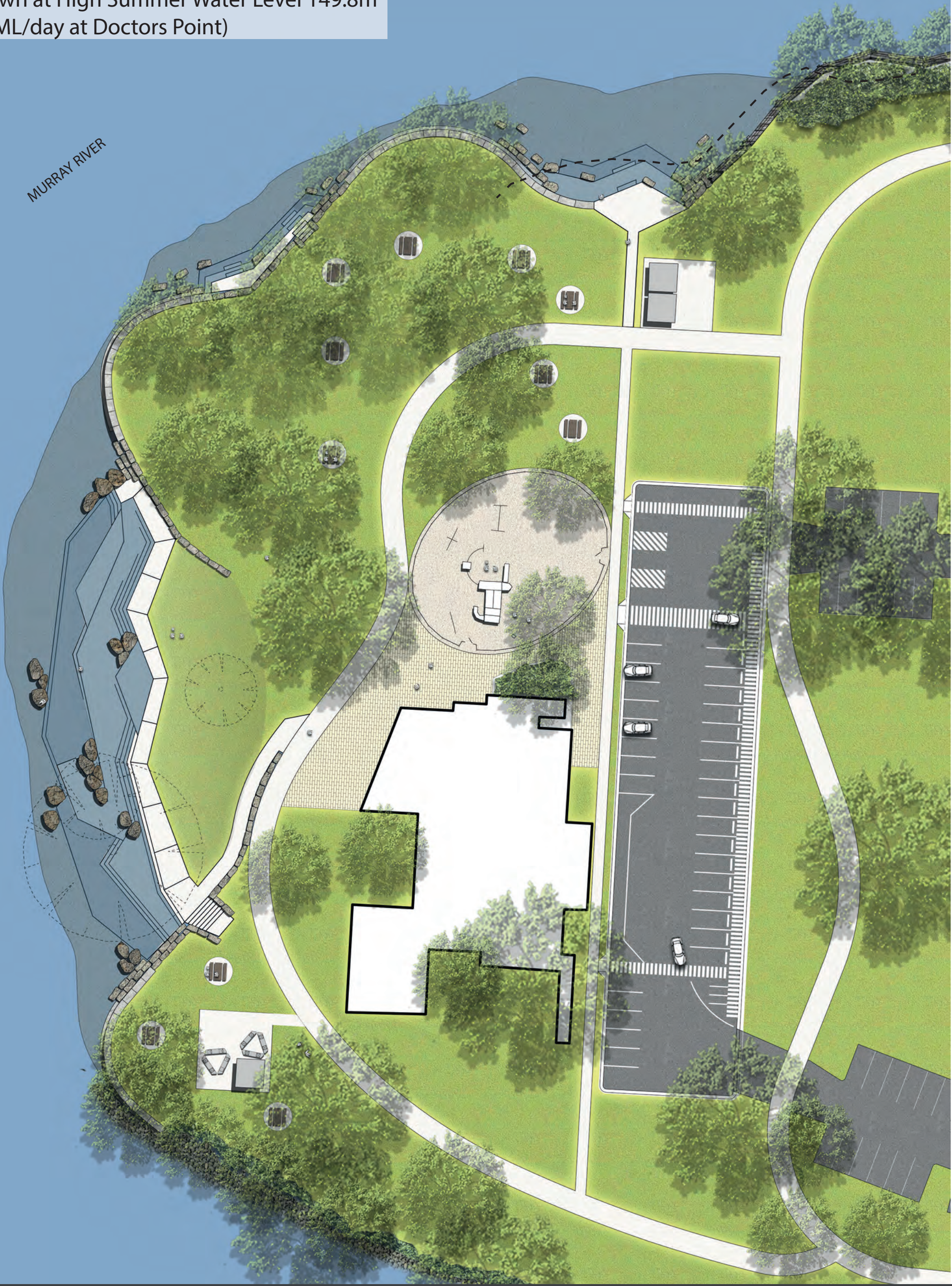
SCALE 1:500 @A3



NOREUIL PARK RIVER BANK REHABILITATION

Plan shown at High Summer Water Level 149.8m
(20,000 ML/day at Doctors Point)

MURRAY RIVER



LEGEND:

--- EXISTING TOP OF BANK

0 5 10 20 30 m

SCALE 1:500 @A3

NOREUIL PARK RIVER BANK REHABILITATION

Section A

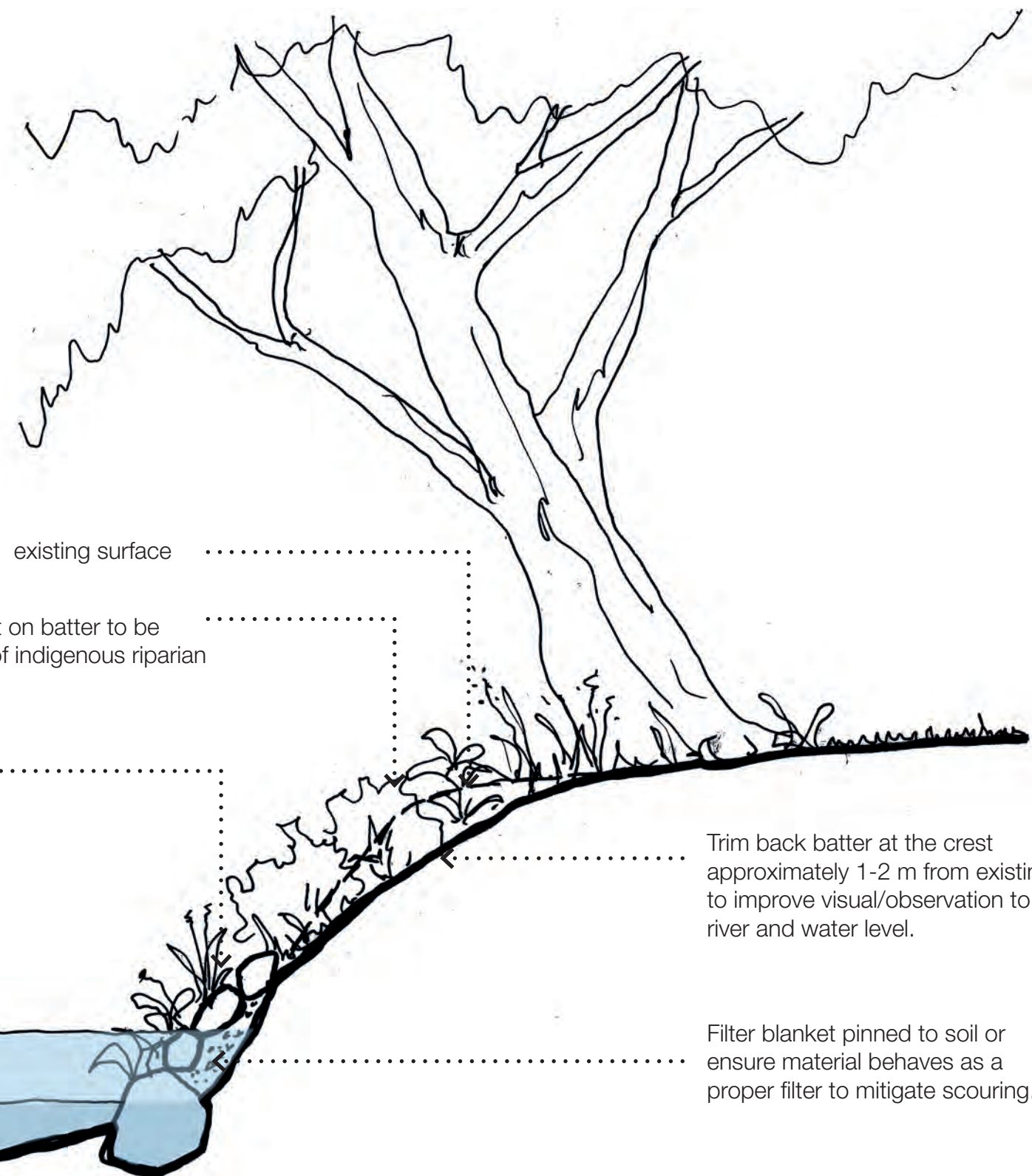
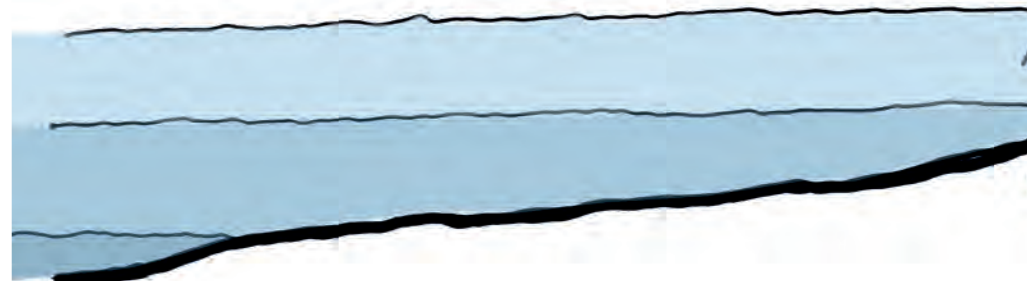


PRECEDENT EXAMPLES

RL 149.8m (20,000 ML/day)

RL 149.2m (12,500 ML/day)

RL 148.3m (2,500 ML/day)



existing surface

Surface treatment on batter to be grass and areas of indigenous riparian revegetation

Rock revetment maximum slope 1:1.5 up to at least the 20,000ML/day water level. Revetment to be minimised to not impeded potential swimming in the area.

Trim back batter at the crest approximately 1-2 m from existing toe to improve visual/observation to the river and water level.

Filter blanket pinned to soil or ensure material behaves as a proper filter to mitigate scouring.

NOREUIL PARK RIVER BANK REHABILITATION

Section B

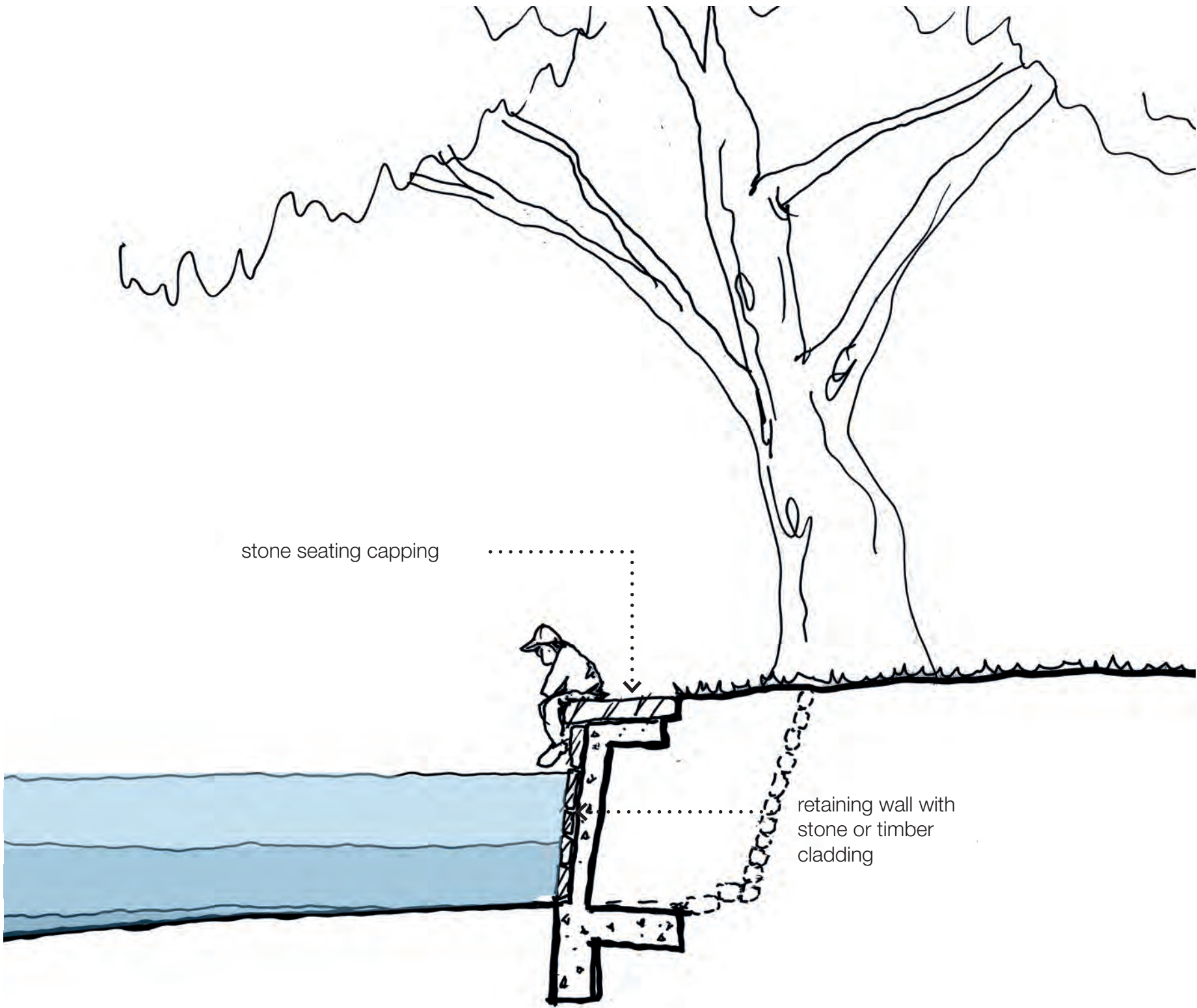


RL 149.8m (20,000 ML/day)

RL 149.2m (12,500 ML/day)

RL 148.3m (2,500 ML/day)

PRECEDENT EXAMPLES



NOREUIL PARK RIVER BANK REHABILITATION

Section C

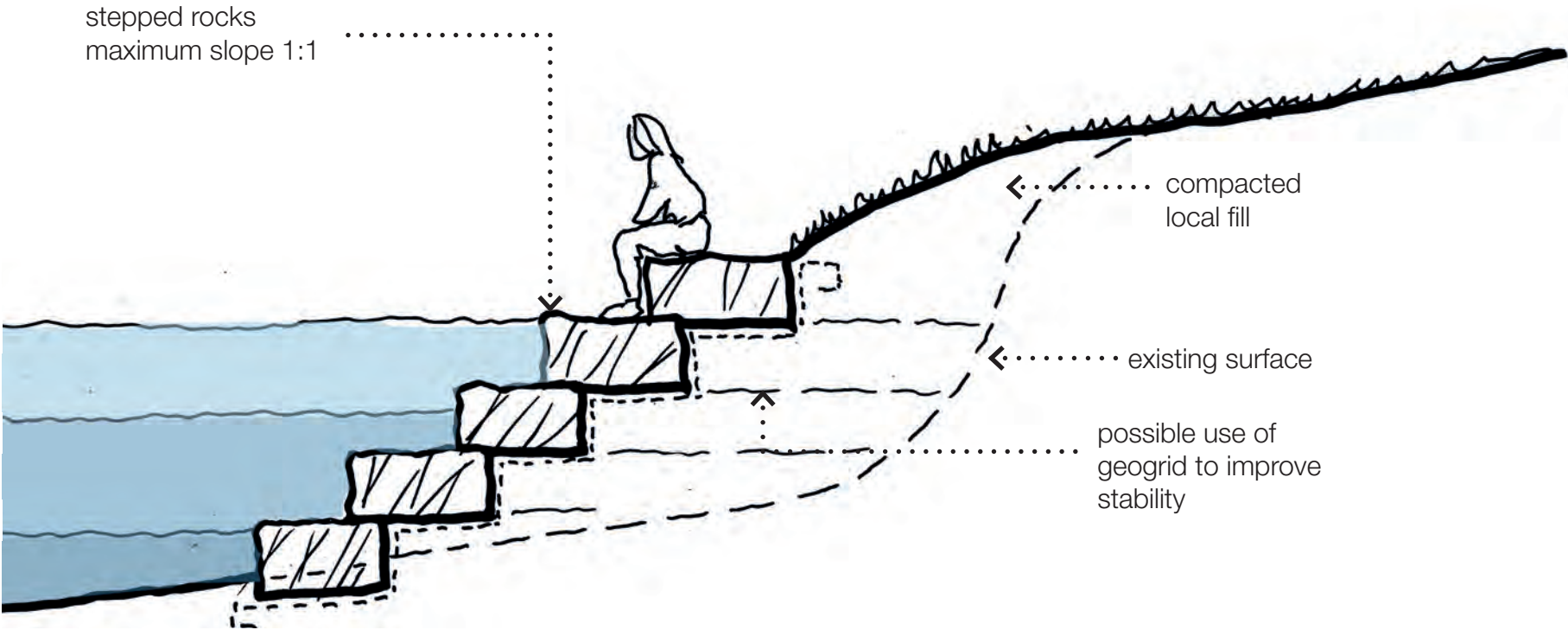


PRECEDENT EXAMPLES

RL 149.8m (20,000 ML/day)

RL 149.2m (12,500 ML/day)

RL 148.3m (2,500 ML/day)



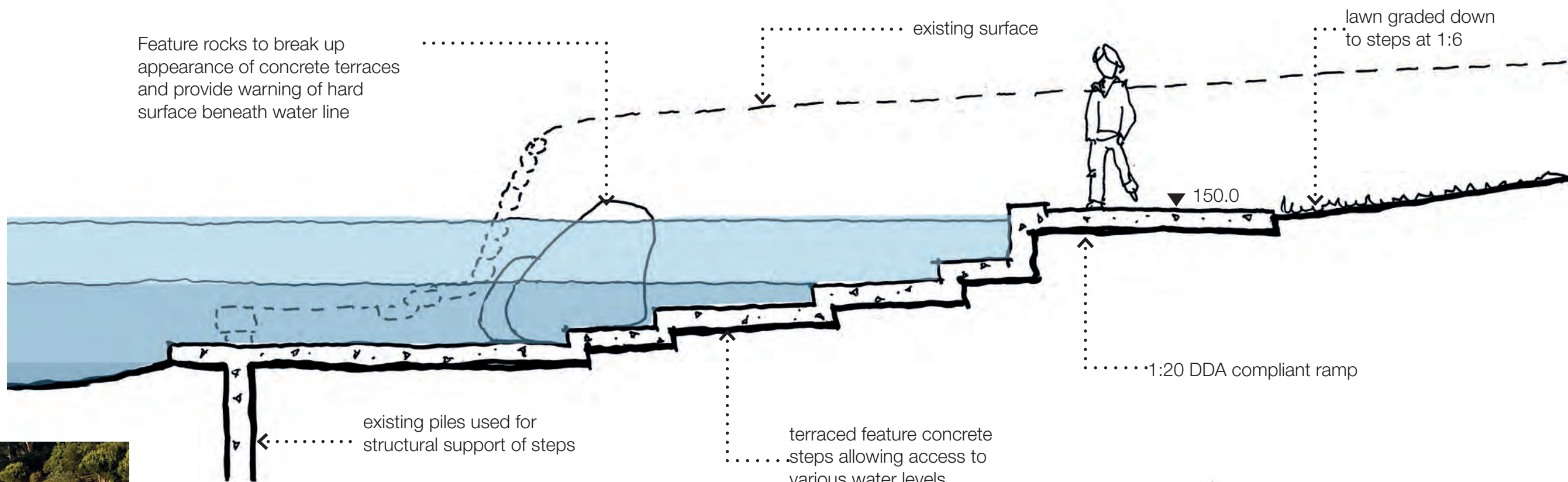
NOREUIL PARK RIVER BANK REHABILITATION

Section D

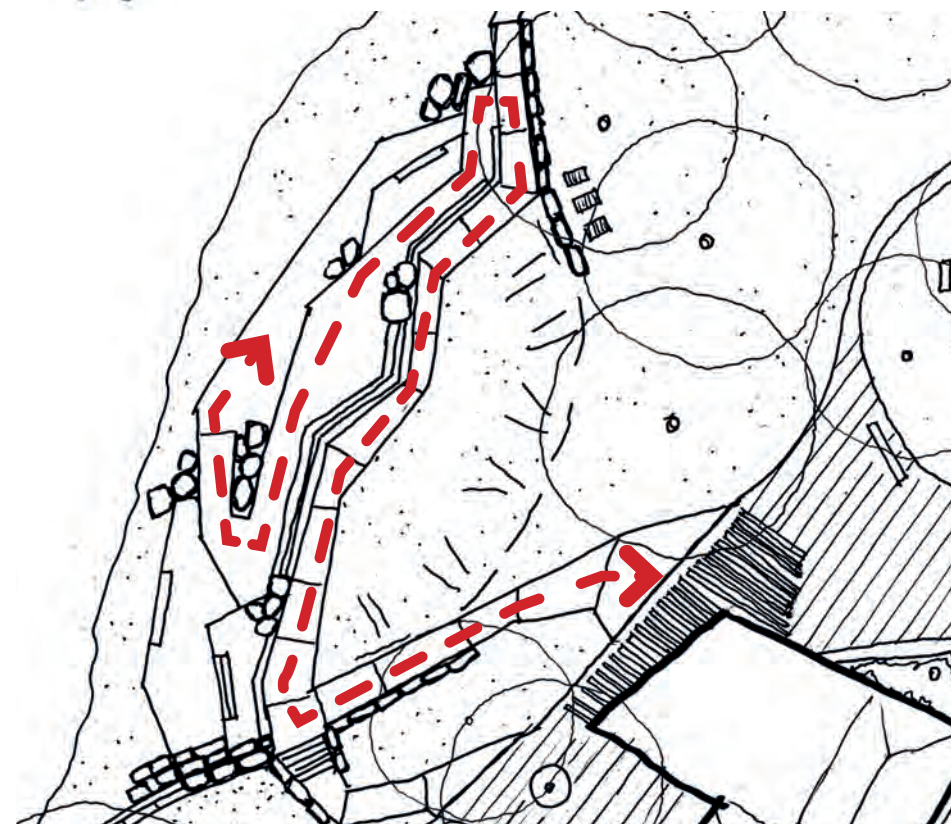
RL 149.8m (20,000 ML/day)

RL 149.2m (12,500 ML/day)

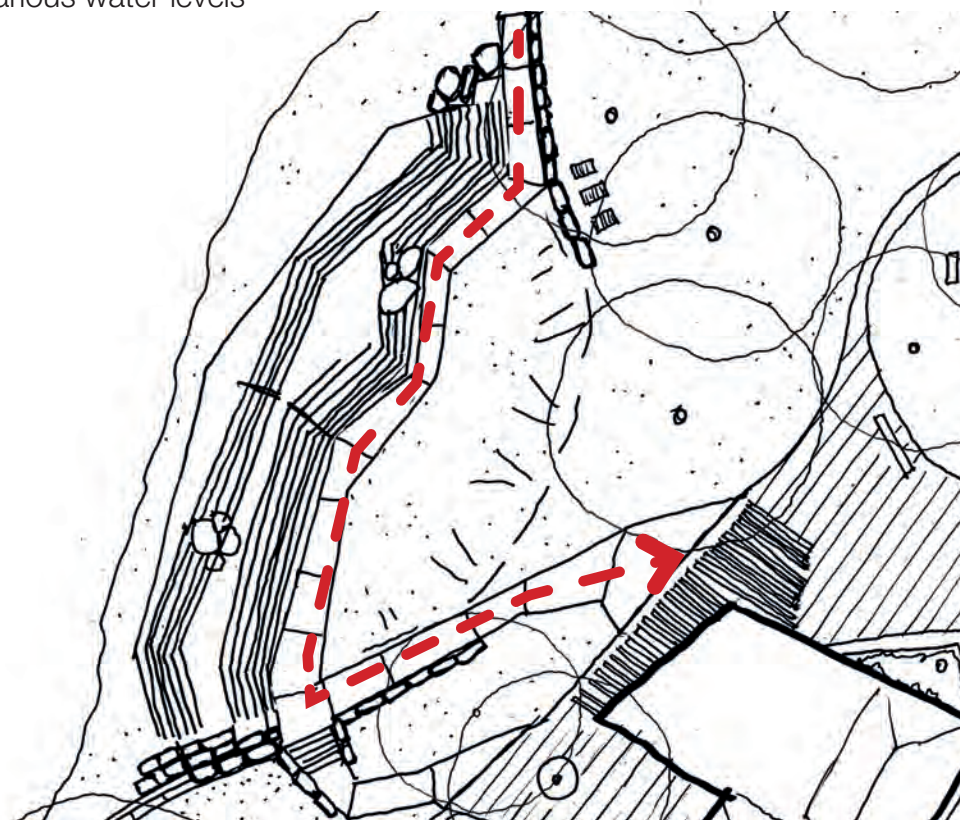
RL 148.3m (2,500 ML/day)



PRECEDENT EXAMPLES



Zone 3 - Option 1
DDA accessibility to all water levels



Zone 3 - Option 2
DDA accessibility to 20,000ML/day only with consistent steps

NOREUIL PARK RIVER BANK REHABILITATION

Section E



PRECEDENT EXAMPLES

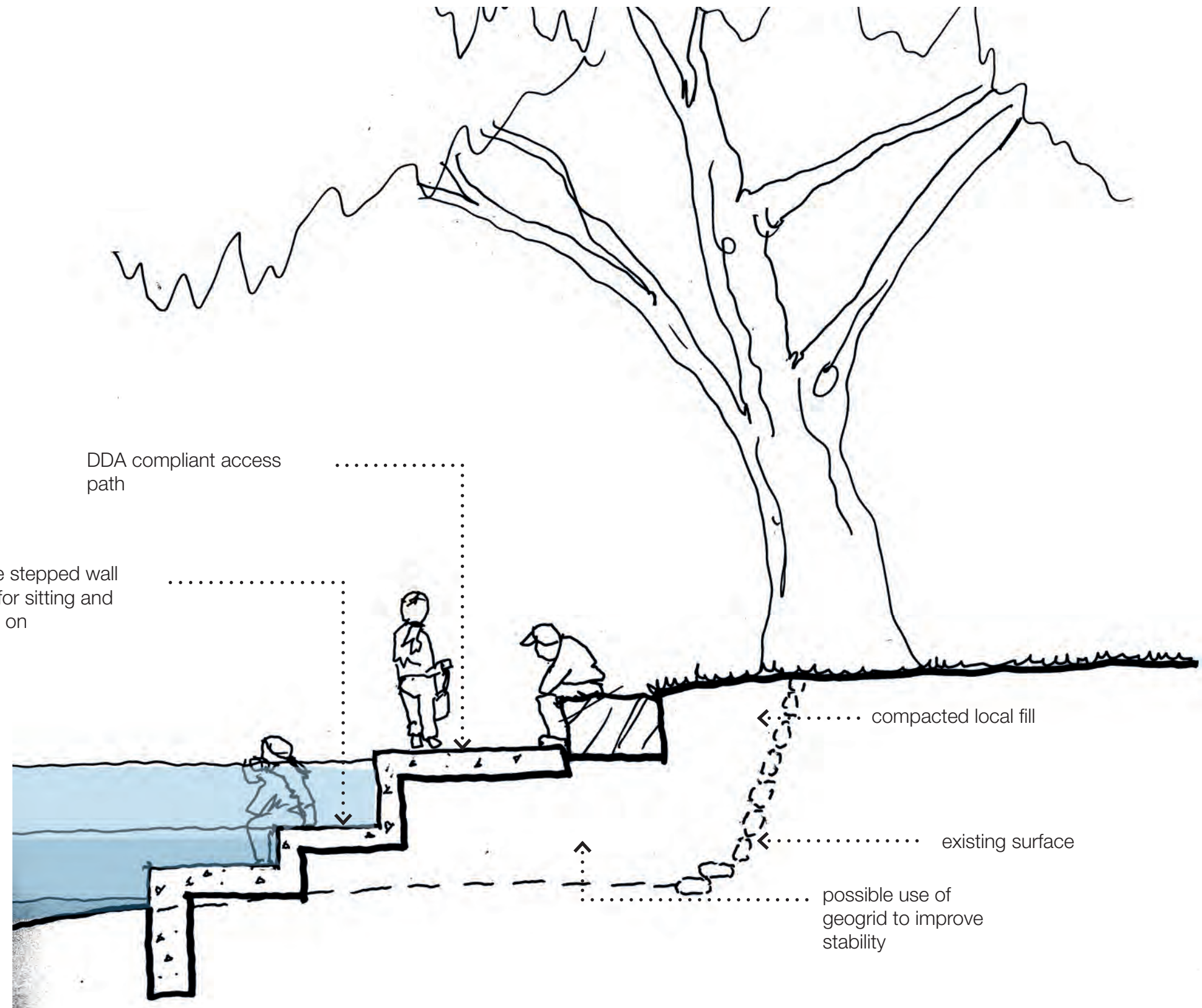
RL 149.8m (20,000 ML/day)

RL 149.2m (12,500 ML/day)

RL 148.3m (2,500 ML/day)

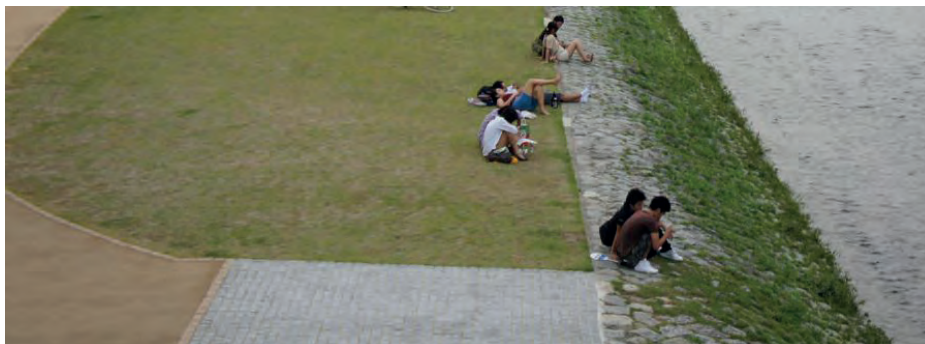
DDA compliant access path

Concrete stepped wall suitable for sitting and perching on



NOREUIL PARK RIVER BANK REHABILITATION

Section F

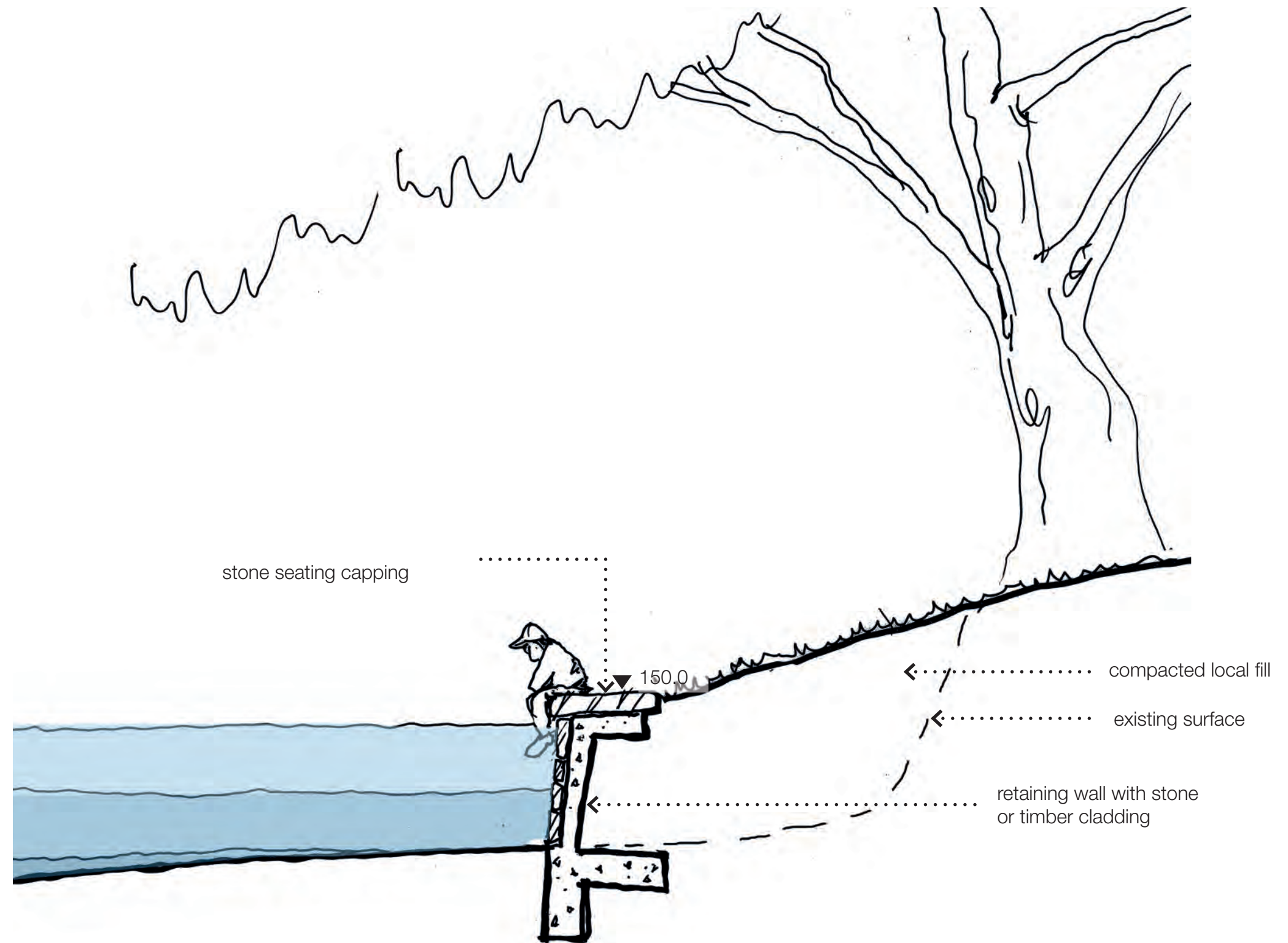


PRECEDENT EXAMPLES

RL 149.8m (20,000 ML/day)

RL 149.2m (12,500 ML/day)

RL 148.3m (2,500 ML/day)



Section G

