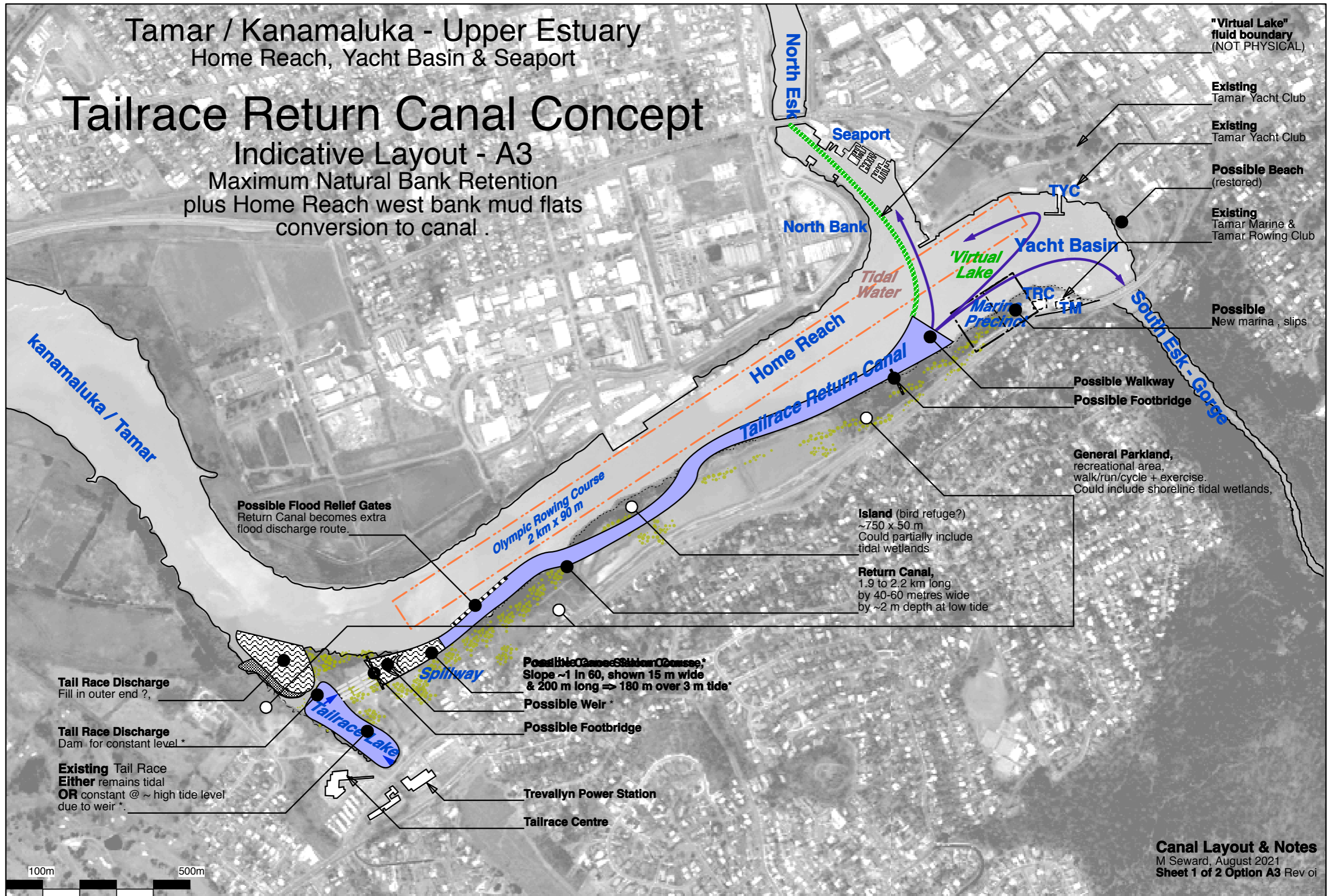


Tamar / Kanamaluka - Upper Estuary
Home Reach, Yacht Basin & Seaport

Tailrace Return Canal Concept

Indicative Layout - A3
Maximum Natural Bank Retention
plus Home Reach west bank mud flats
conversion to canal.



"Virtual Lake" fluid boundary (NOT PHYSICAL)

Existing Tamar Yacht Club

Existing Tamar Yacht Club

Possible Beach (restored)

Existing Tamar Marine & Tamar Rowing Club

Possible New marina, slips

Possible Walkway
Possible Footbridge

General Parkland, recreational area, walk/run/cycle + exercise. Could include shoreline tidal wetlands.

Island (bird refuge?)
~750 x 50 m
Could partially include tidal wetlands

Return Canal,
1.9 to 2.2 km long
by 40-60 metres wide
by ~2 m depth at low tide

Possible Flood Relief Gates
Return Canal becomes extra flood discharge route.

Olympic Rowing Course
2 km x 90 m

Tail Race Discharge
Fill in outer end ?

Tail Race Discharge
Dam for constant level *

Existing Tail Race
Either remains tidal
OR constant @ ~ high tide level due to weir *

Possible Race Slalom Course*
Slope ~1 in 60, shown 15 m wide & 200 m long => 180 m over 3 m tide*

Possible Weir *

Possible Footbridge

Trevallyn Power Station

Tailrace Centre

Canal Layout & Notes
M Seward, August 2021
Sheet 1 of 2 Option A3 Rev 01