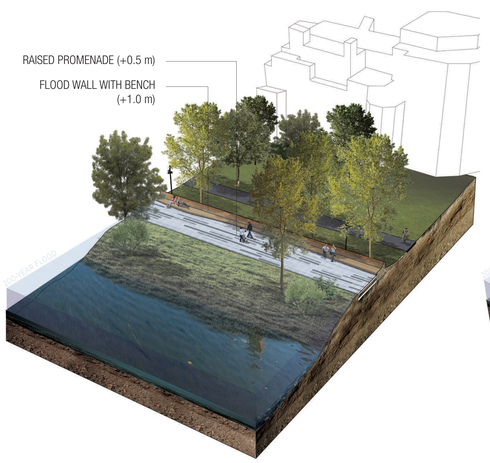
EXISTING FLOOD CONDITION

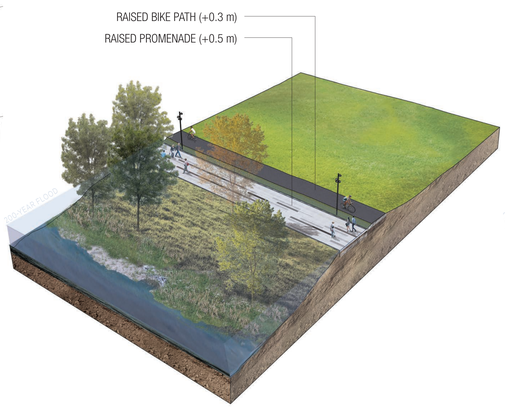
- WATER EDGE
- 200-YEAR FLOOD EXTENT
- 100-YEAR FLOOD EXTENT
- PROPOSED FLOOD PROTECTION BARRIER

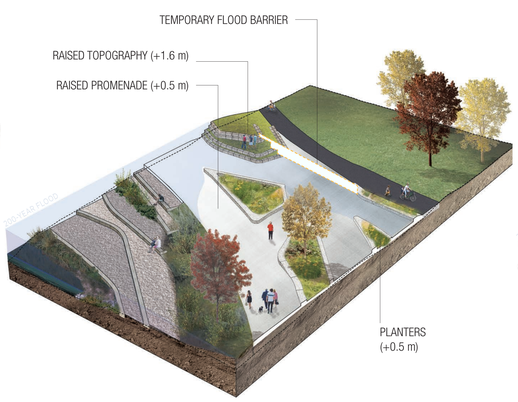
View looking west on the East Promenade. 200-Year flood protection is achieved through the construction of a flood wall wrapped with a bench.

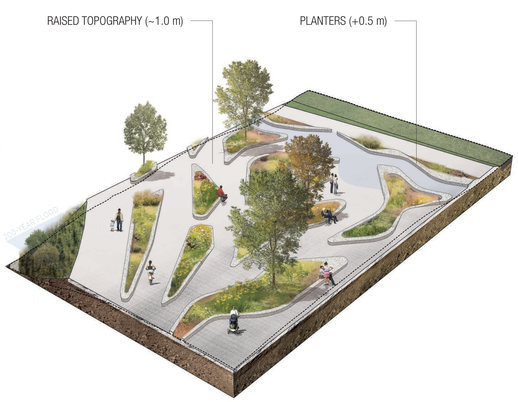
View looking north towards the Peace Bridge. 200-Year flood protection is integrated within the planters and the raised ground plane.

SECOND LEVEL PROTECTION









1 EAST PROMENADE
Flood wall with bench

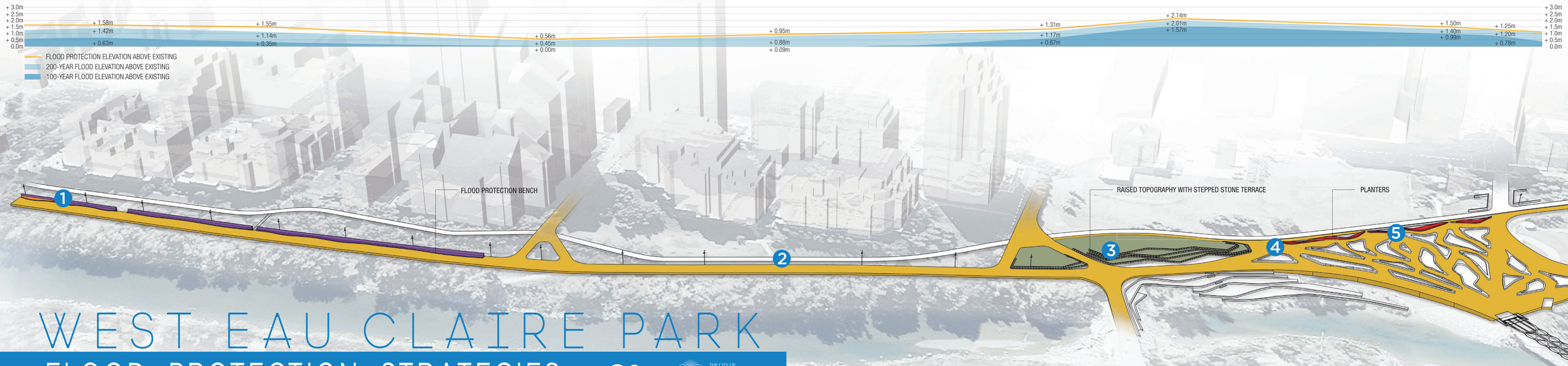
2 RAISED PROMENADE + BIKE PATH
Elevated pedestrian and bike path by 0.5m above existing path

3 STEPPED TERRACE
Stepped stone barrier

4 DELTA GARDEN
Temporary flood protection between proposed flood protection landforms

5 DELTA GARDEN
Flood barrier integrated within raised topography and planters

ELEVATION



WEST EAU CLAIRE PARK

FLOOD PROTECTION STRATEGIES

02

O2 Planning + Design Inc.
The City of Calgary