

# Touch the Water Promenade

## Concept Design Overview

May 2021

Learn more at [edmonton.ca/touchthewater](https://edmonton.ca/touchthewater)

Edmonton

EDMONTON, ALBERTA, CANADA

# TOUCH THE WATER PROMENADE CONCEPT DESIGN | MAY 2021



# CONTENTS

PROJECT AREAS

PROJECT VISION

CONCEPT DESIGN BY AREA:

GOVERNMENT HOUSE PARK &  
GROAT DAYLIGHTING

GROAT BRIDGE

SPLIT PATH PROMENADE

VICTORIA

COMBINED PATH PROMENADE

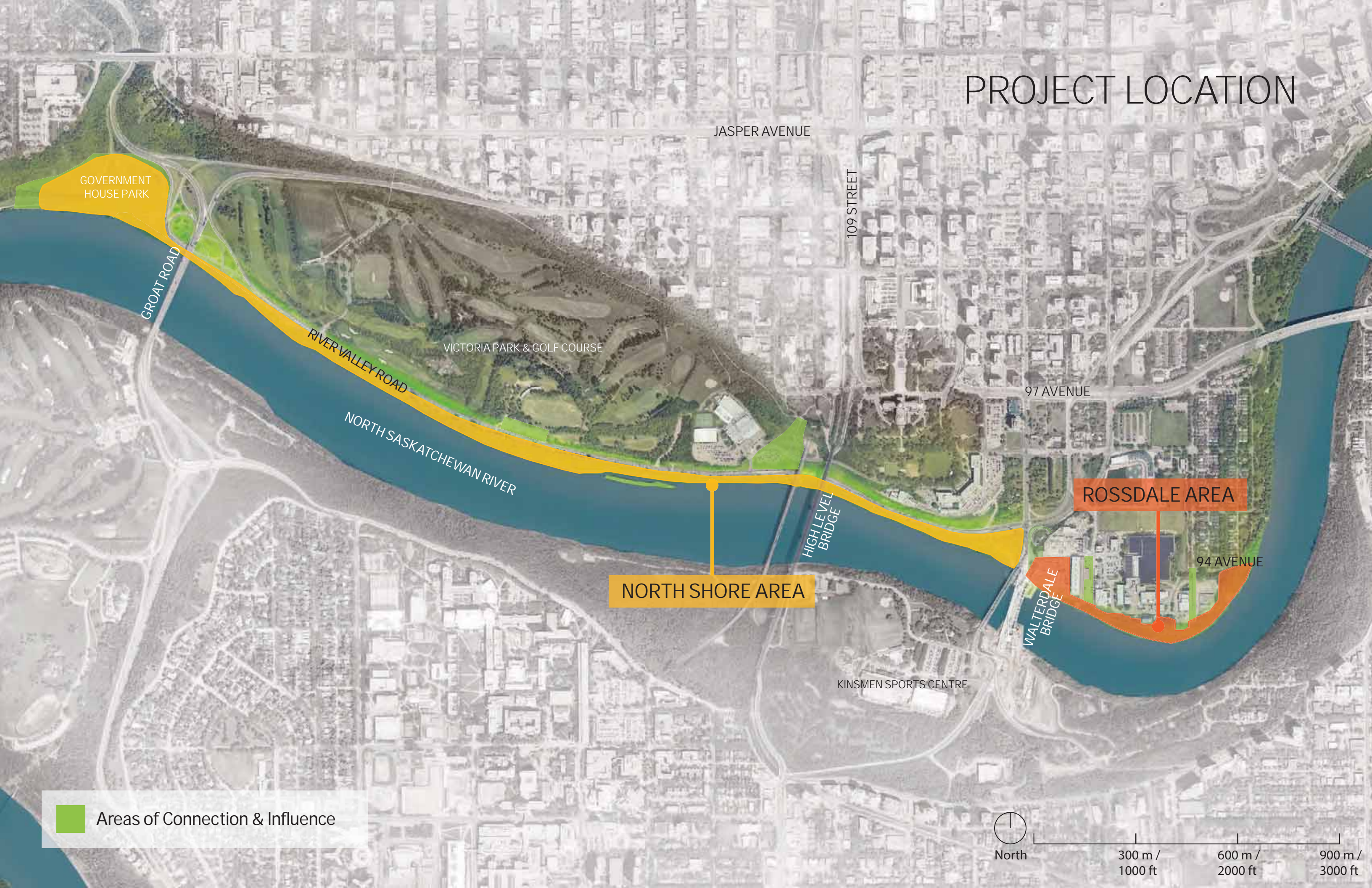
HIGH LEVEL BRIDGE HILL

THE DECK

ROSSDALE POWER PLANT

ROSSDALE BEND

# PROJECT LOCATION



JASPER AVENUE

GOVERNMENT HOUSE PARK

109 STREET

GROAT ROAD

RIVER VALLEY ROAD

VICTORIA PARK & GOLF COURSE

NORTH SASKATCHEWAN RIVER

97 AVENUE

ROSSDALE AREA

NORTH SHORE AREA

HIGH LEVEL BRIDGE

94 AVENUE

WALTERDALE BRIDGE

KINSMEN SPORTS CENTRE

 Areas of Connection & Influence



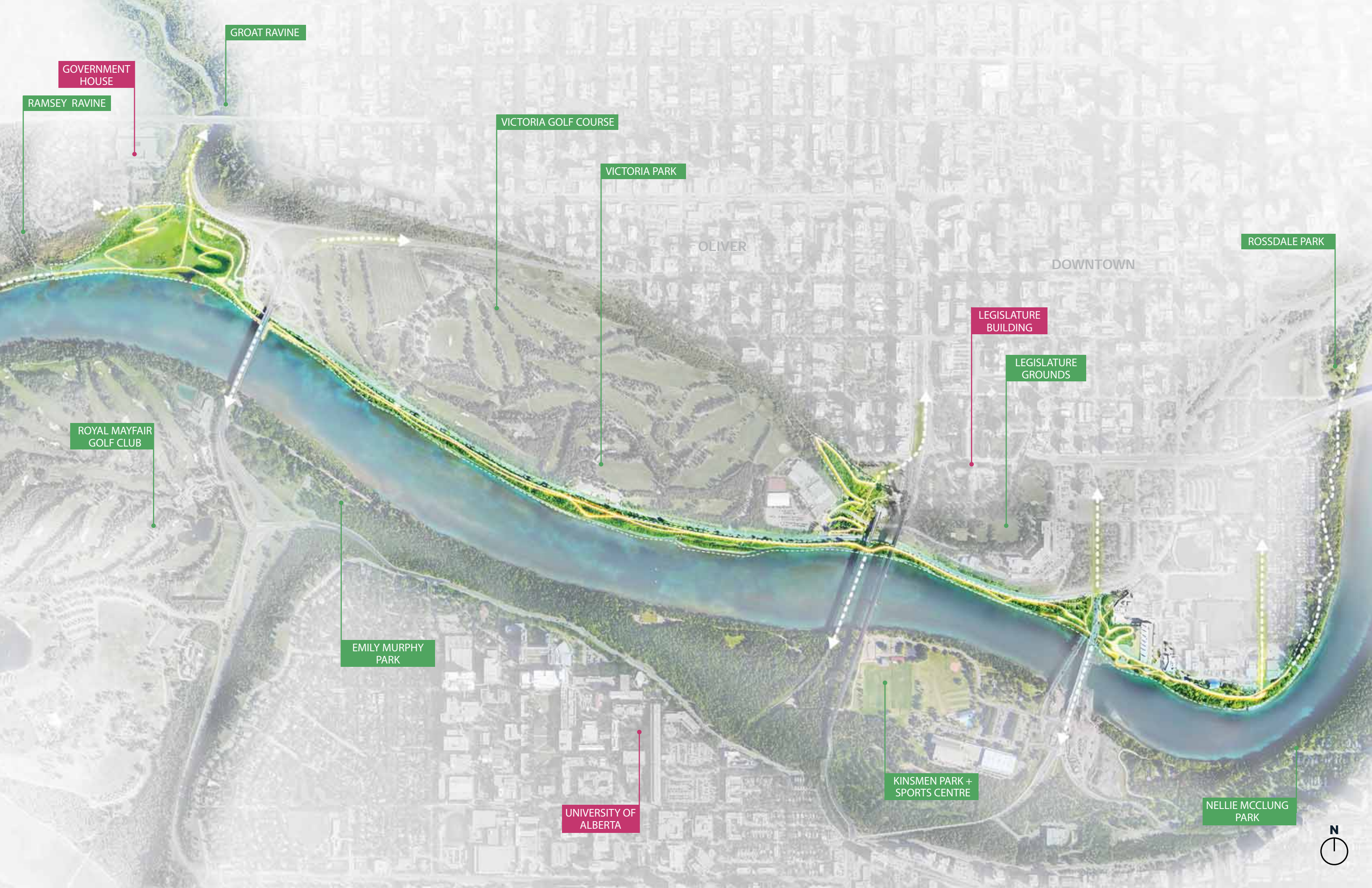
300 m / 1000 ft      600 m / 2000 ft      900 m / 3000 ft

## Touch the Water Promenade Vision

Instantly recognizable as Edmonton's premiere riverfront destination, this incredibly vibrant **outdoor public space** evokes a unique sense of place in Canada's northernmost major city.

The Touch the Water Promenade **celebrates** the central River Valley's multi-layered history and special significance to Indigenous Nations and Communities, **restores** its natural systems and resiliency, and **re-connects** the central city to the river.

By improving **access** into and within the river valley network, the Promenade provides diverse opportunities for riverfront **gathering** and **recreation** not found anywhere else in the region.



GOVERNMENT HOUSE

RAMSEY RAVINE

GROAT RAVINE

VICTORIA GOLF COURSE

VICTORIA PARK

OLIVER

DOWNTOWN

ROSSDALE PARK

ROYAL MAYFAIR GOLF CLUB

LEGISLATURE BUILDING

LEGISLATURE GROUNDS

EMILY MURPHY PARK

UNIVERSITY OF ALBERTA

KINSMEN PARK + SPORTS CENTRE

NELLIE MCCLUNG PARK



**TOUCH THE WATER CONCEPT**

# PROPOSAL

HIGH LEVEL BRIDGE HILL



ROSSDALE POWER PLANT



GOVERNMENT HOUSE PARK  
& GROAT DAYLIGHTING



# PROPOSAL

GROAT BRIDGE CONNECTION



HIGH LEVEL BRIDGE HILL



ROSSDALE POWER PLANT



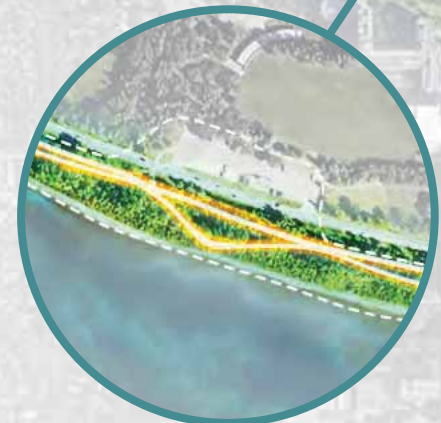
ROSSDALE BEND OVERLOOK



GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING



VICTORIA PARK OVERLOOK



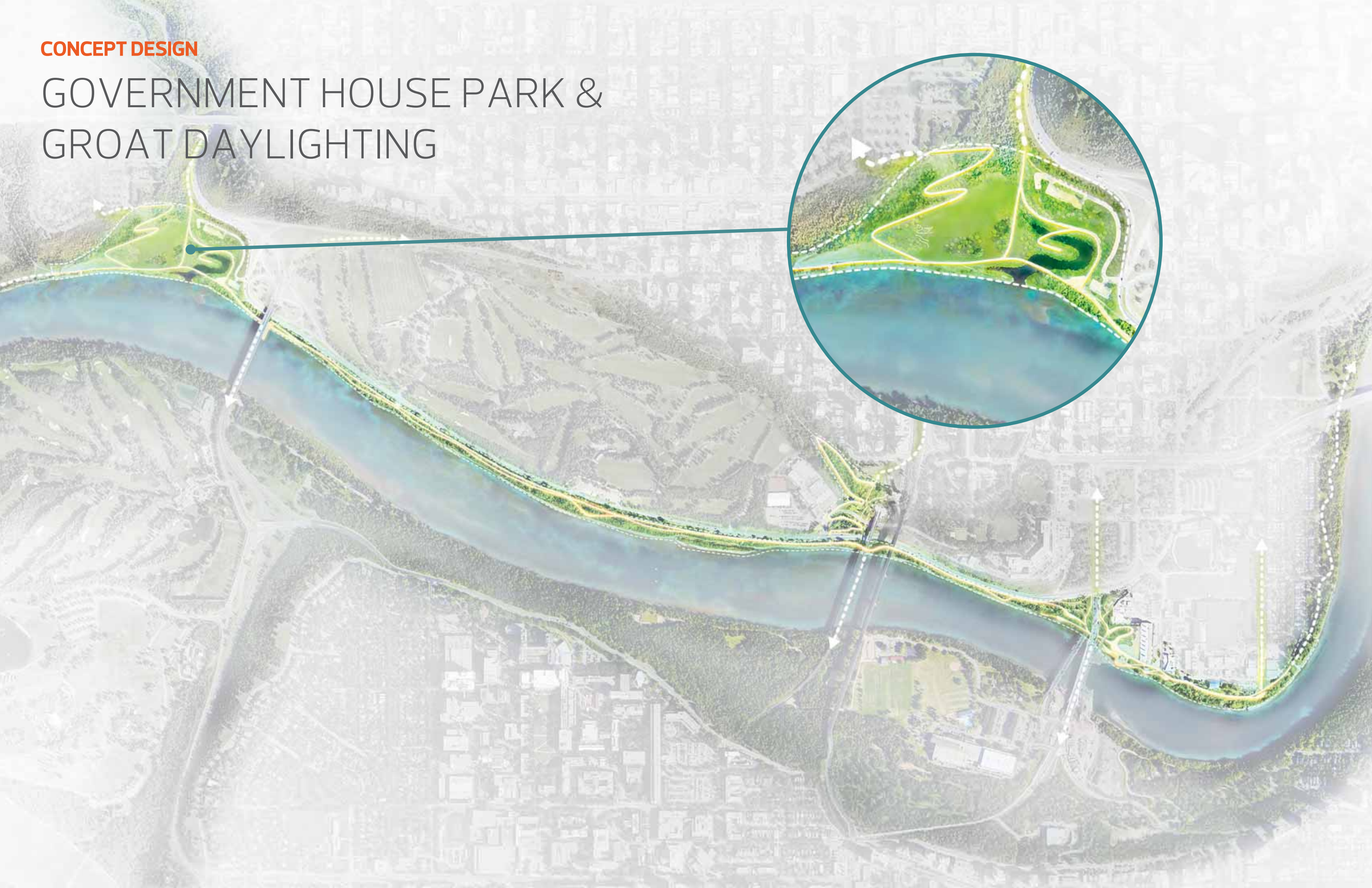
RIVER DECK OVERLOOK BELOW THE LEGISLATURE GROUNDS





CONCEPT DESIGN

# GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING



**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**

**EXISTING CONDITION**

GOVERNMENT HILL

PARKING LOT

STORMWATER TREATMENT FACILITY

LAWN BUFFER

MULTI-USE TRAIL

PICNIC TABLES

PARKING LOT

GROAT ROAD NW

RIVER VALLEY RD NW

DRAINAGE OUTFALL

VEGETATED RIVER BANK



**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**

PROPOSAL



# GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING

## PROPOSAL



# GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING

## EARLY 20<sup>TH</sup> CENTURY FABRIC

RAVINES DISTINCT FROM CITY



GROAT RAVINE c. 1913



PROPOSED FREEWAY NETWORK c. 1960s



PROPOSED MacKINNON RAVINE FREEWAY

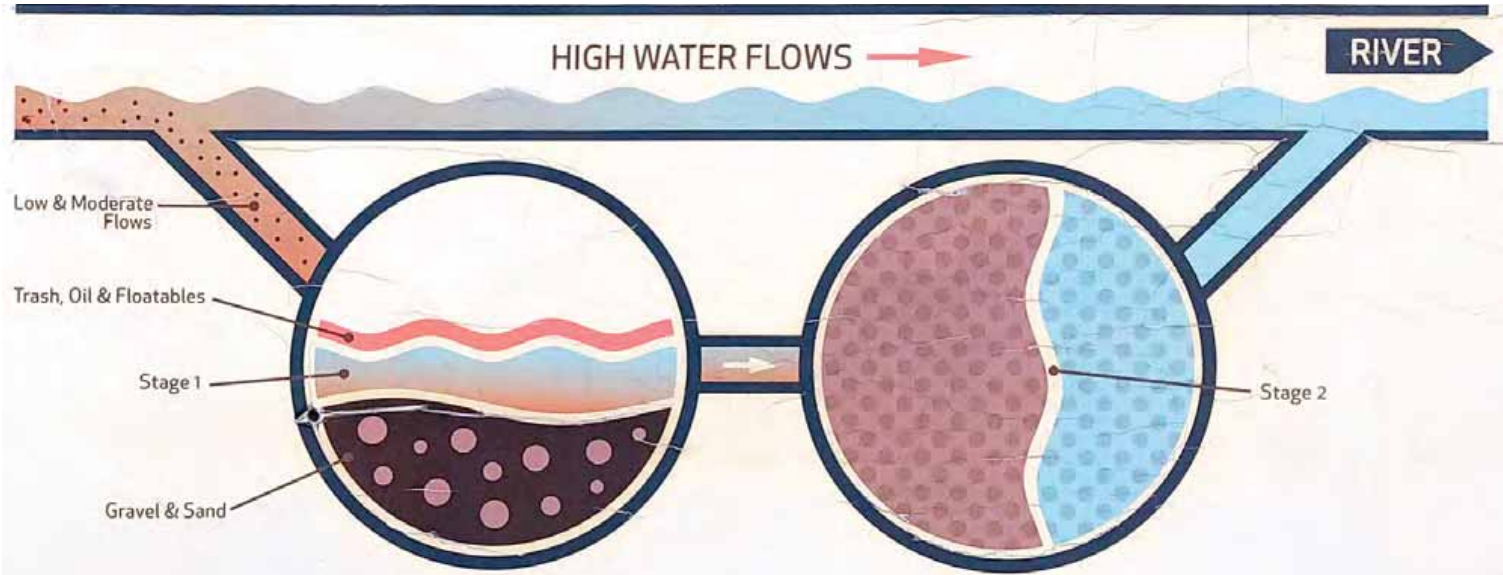


PARK AS RESULT OF PARTIAL COMPLETION



**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**

# GROAT STORM BASIN END-OF-PIPE TREATMENT FACILITY UPGRADE



**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**  
RETAIN END-OF-PIPE TREATMENT



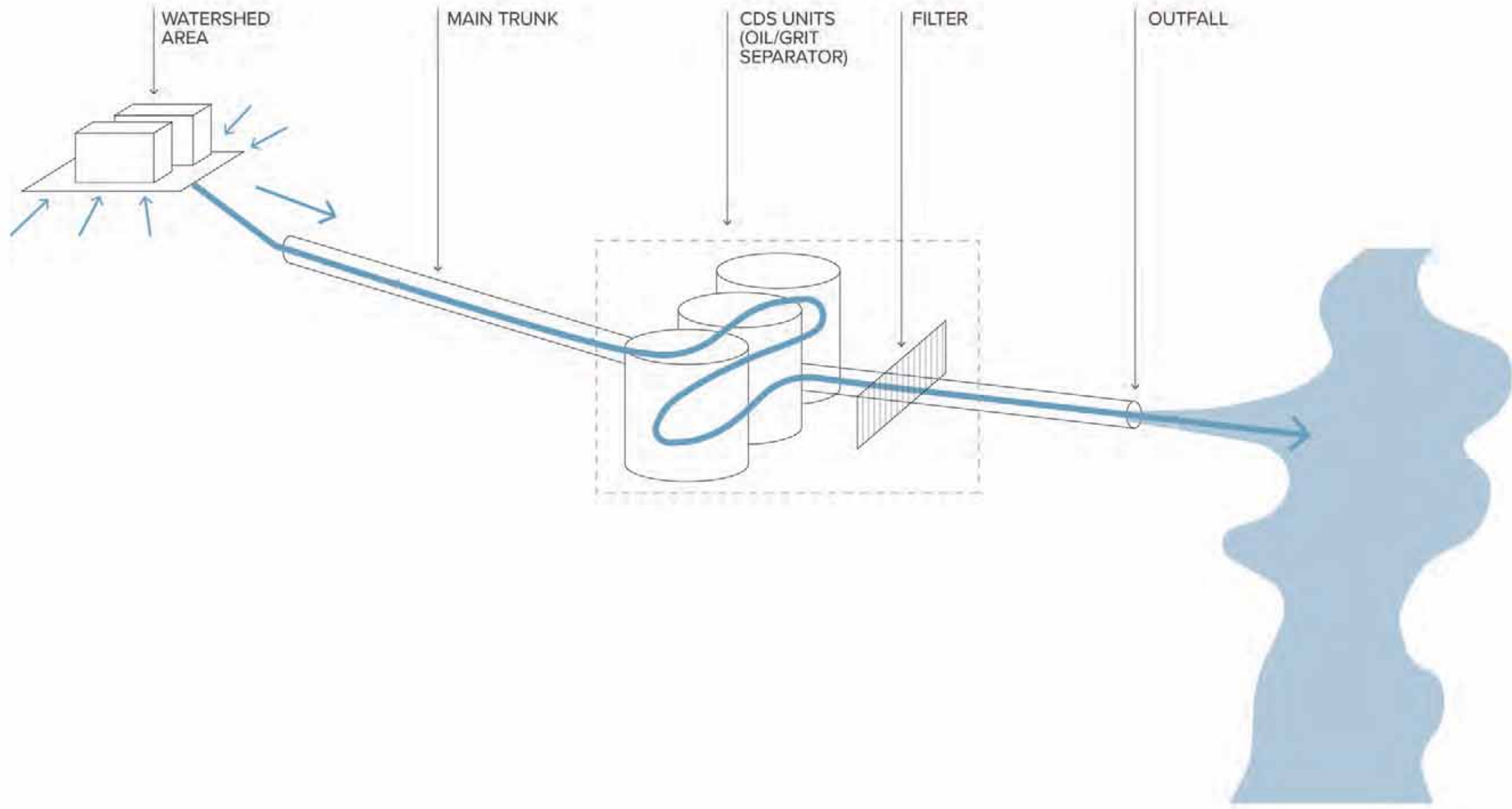
GROAT RAVINE UNDERGROUND TREATMENT



CDS UNITS (TYPICAL)

## GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING

# EXISTING STORMWATER SYSTEM





**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**  
RETAINED INFRASTRUCTURE

OIL/GRIT  
SEPARATOR  
CDS UNITS

ROADWAY

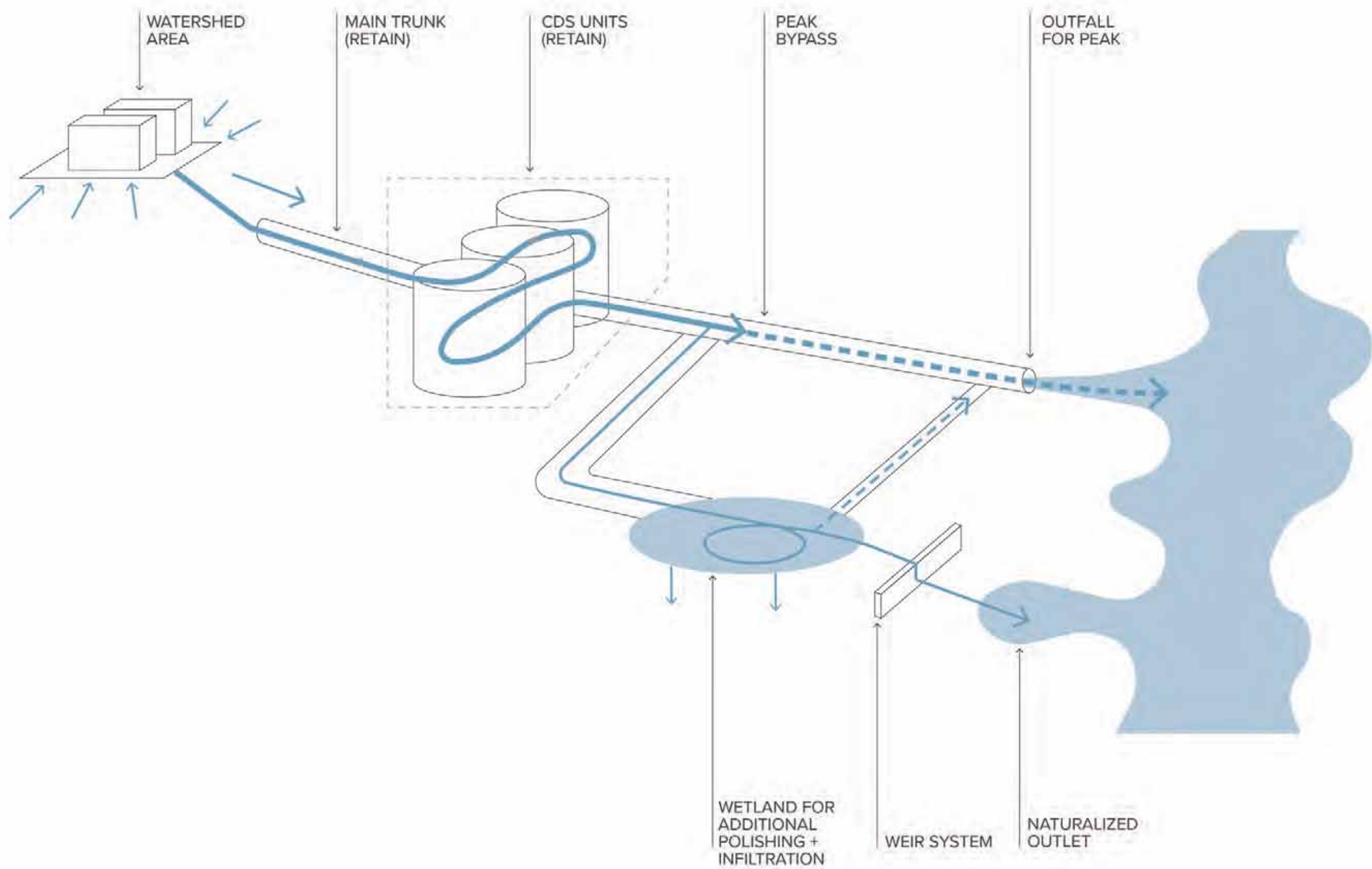
SUB-GRADE  
TRUNK

STORM  
OUTFALL



## GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING

# PROPOSED STORMWATER SYSTEM



**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**

PROPOSED CONDITION: DEEP WATER MARSH



**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**

PROPOSED CONDITION: RIVER SYSTEM (OFF-CHANNEL INLET)



**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**

EXISTING CONDITION



**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**

PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**

PRECEDENT: DALE HODGES PARK (CALGARY)



STORMWATER TREATMENT, WILDLIFE HABITAT



ACCESS AND CIRCULATION

**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**  
PRECEDENT: WETLANDS



ELK ISLAND



PYLYPOW STORMWATER TREATMENT WETLAND (AND KENNEDALE)



**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**

PROPOSED CONDITION: VEGETATION



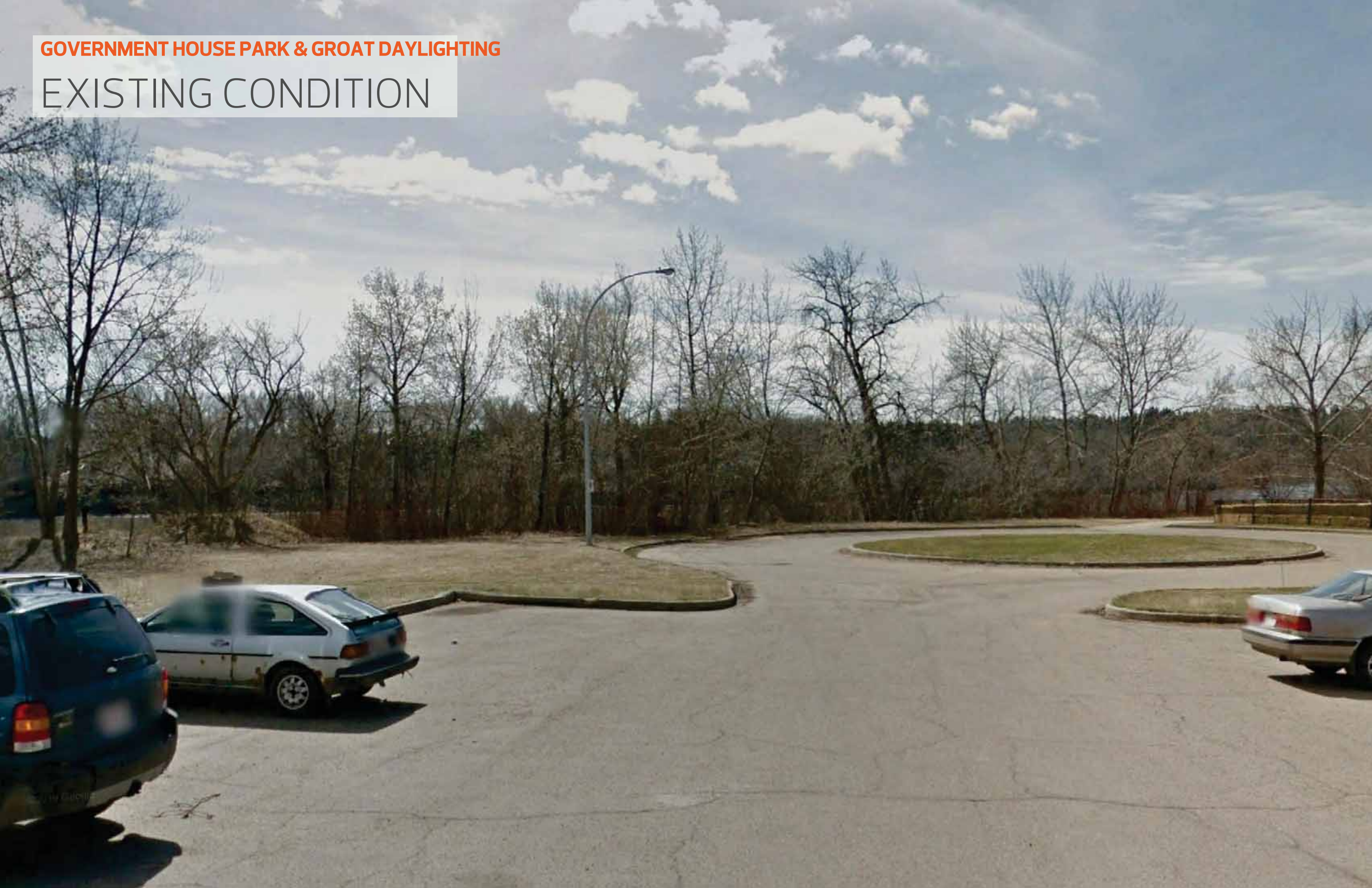
**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**

PROPOSED CONDITION: WILDLIFE MOVEMENT



**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**

EXISTING CONDITION



# GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING

## PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

**GOVERNMENT HOUSE PARK & GROAT DAYLIGHTING**

PRECEDENT: BROOKLYN BRIDGE PARK

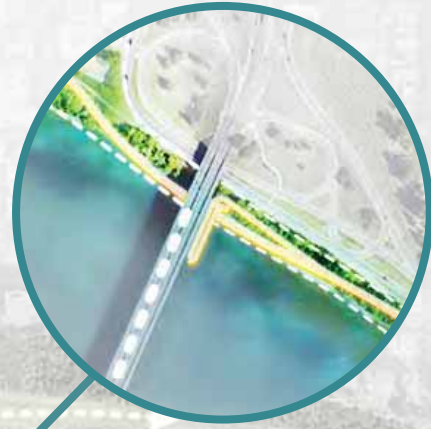


FLEXIBLE LAWNS HOSTING EVENTS



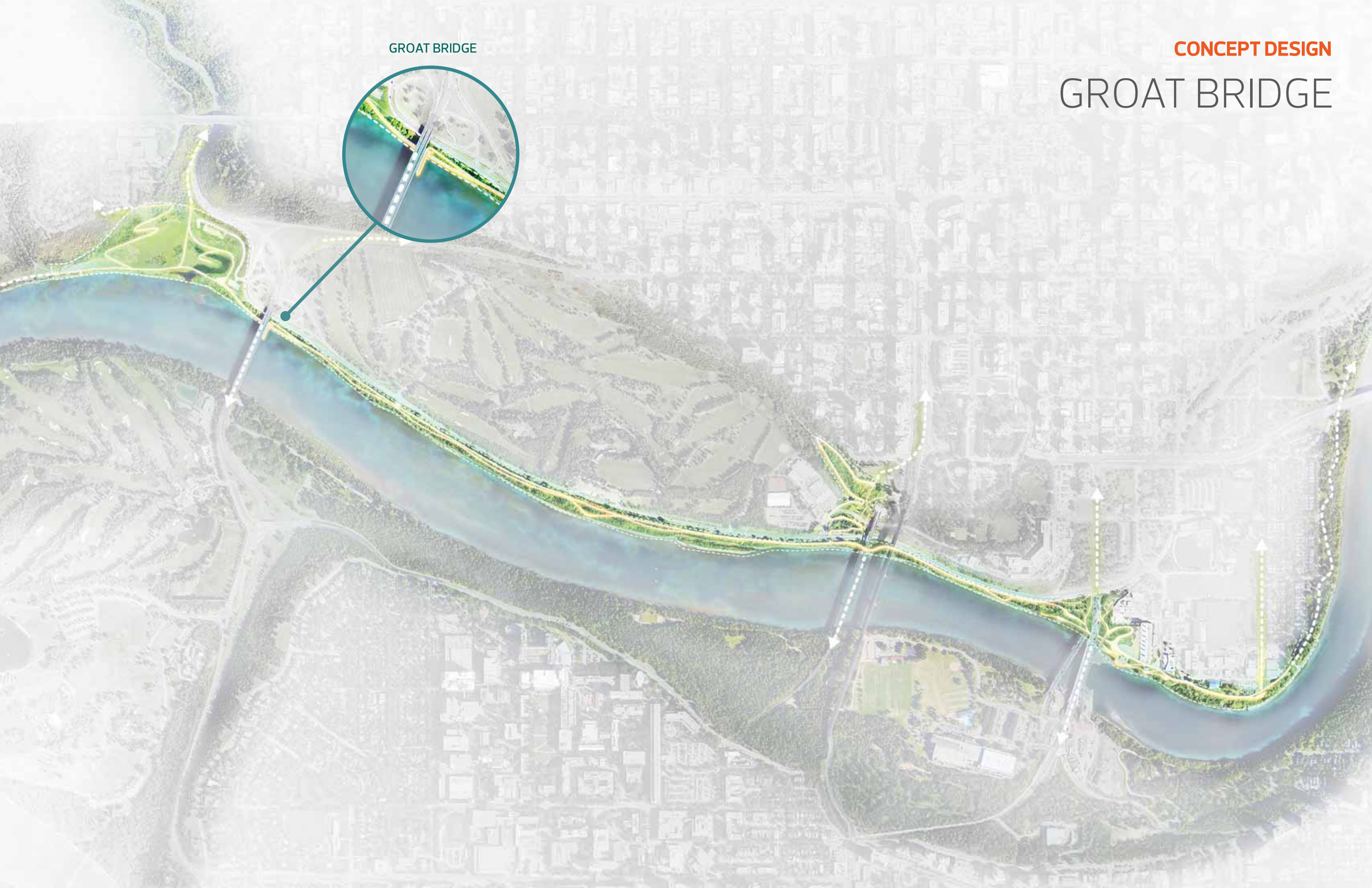
FRAMING VIEWS

GROAT BRIDGE



CONCEPT DESIGN

# GROAT BRIDGE



GROAT BRIDGE

EXISTING CONDITION



GROAT BRIDGE

# PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING



# GROAT BRIDGE PROPOSAL



PARKING

MULTI-USE TRAIL  
CONNECTION

RAISED PATHWAY

ENHANCED  
PLANTING

GROAT BRIDGE

# PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

GROAT BRIDGE

# PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021

Design by: DUB ARCHITECTS

STOSS

ISL ENGINEERING

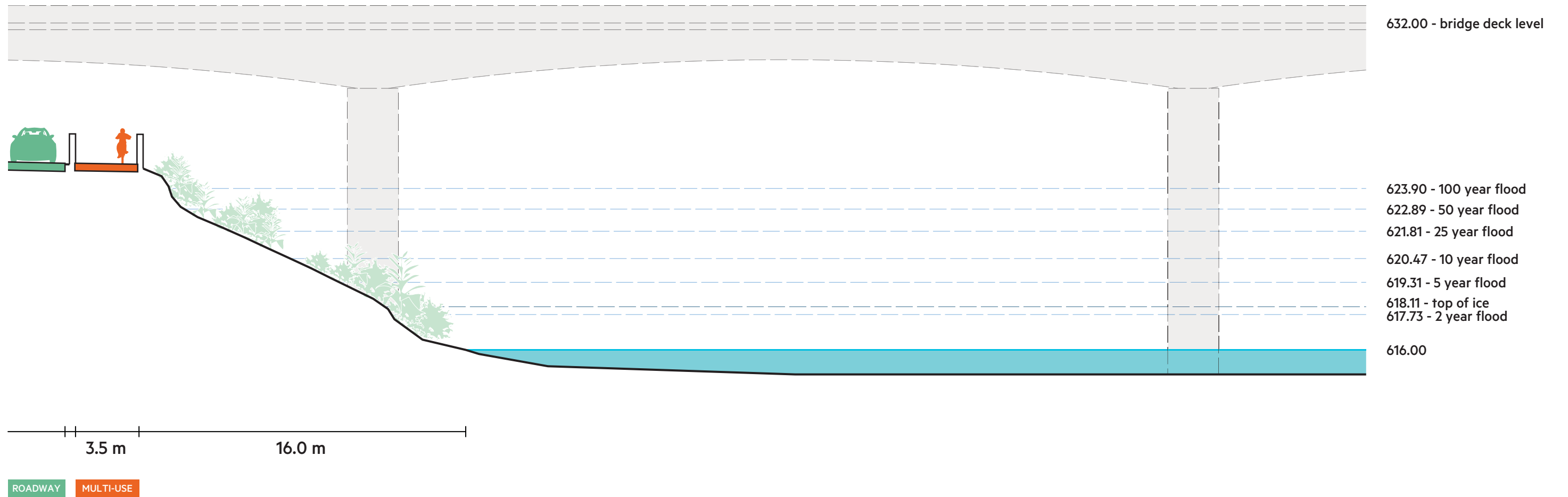
**GROAT BRIDGE**

EXISTING PATHWAYS CONDITION



# GROAT BRIDGE

## EXISTING PATHWAYS CONDITION

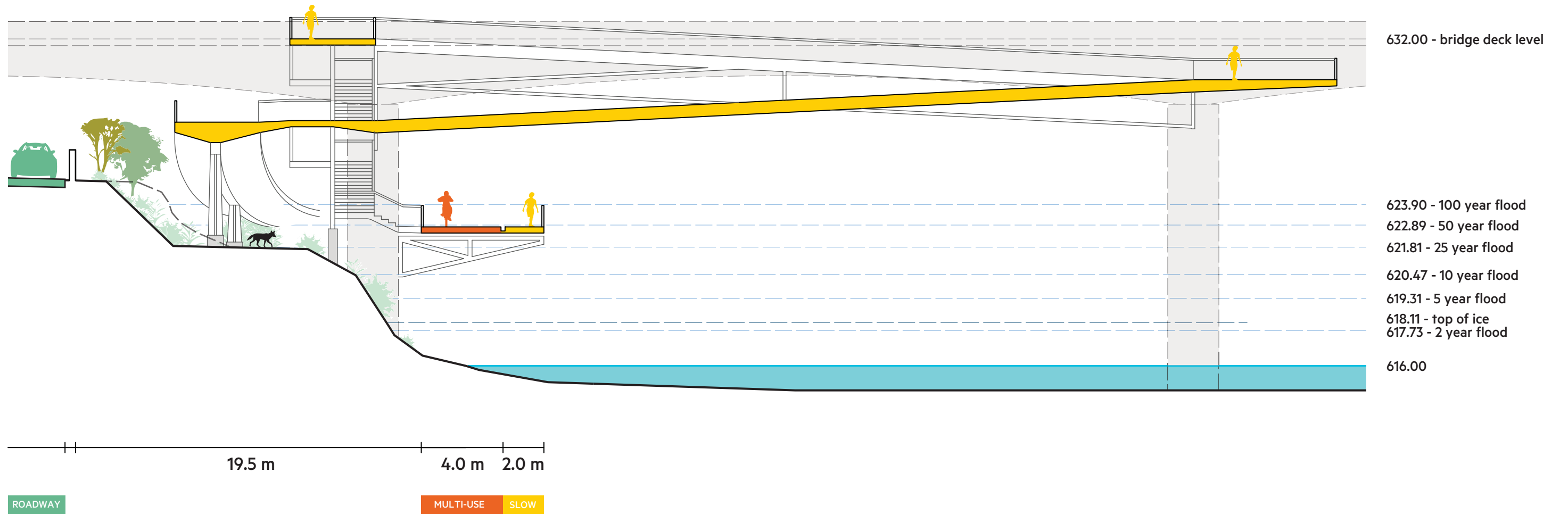


EXISTING

10 m

# GROAT BRIDGE

## PROPOSED PATHWAYS



PROPOSED

**SPLIT PATH PROMENADE**

EXISTING PATHWAYS CONDITION



**SPLIT PATH PROMENADE**

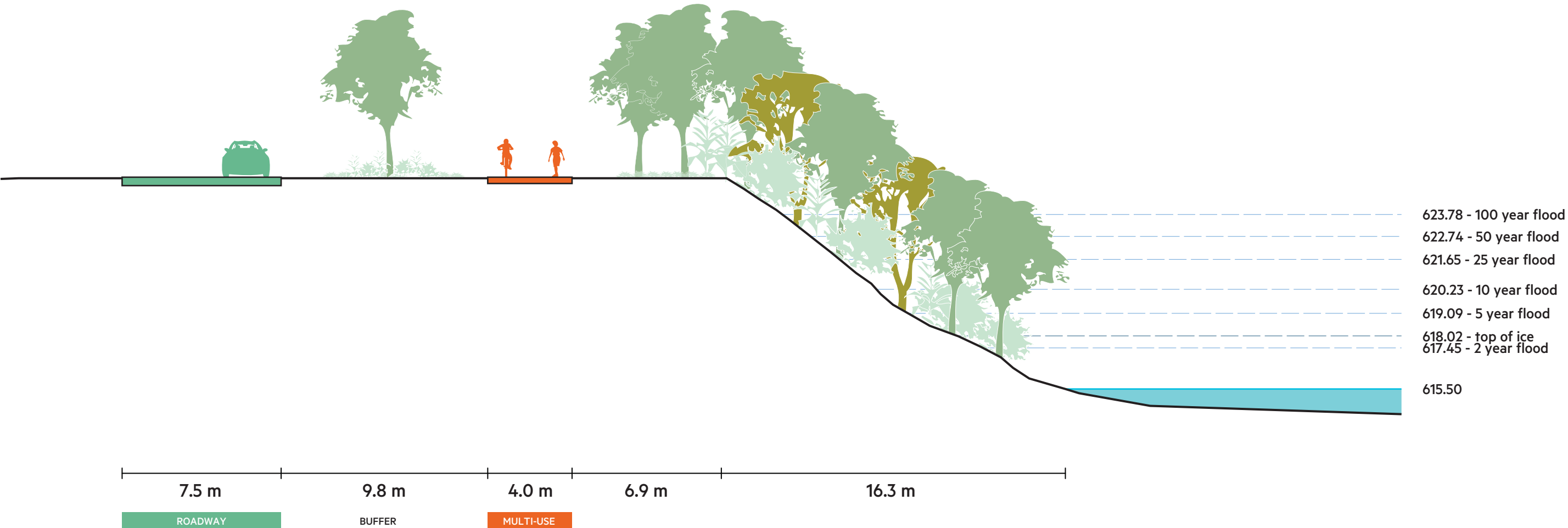
# PROPOSED PATHWAYS





SPLIT PATH PROMENADE

EXISTING PATHWAYS CONDITION

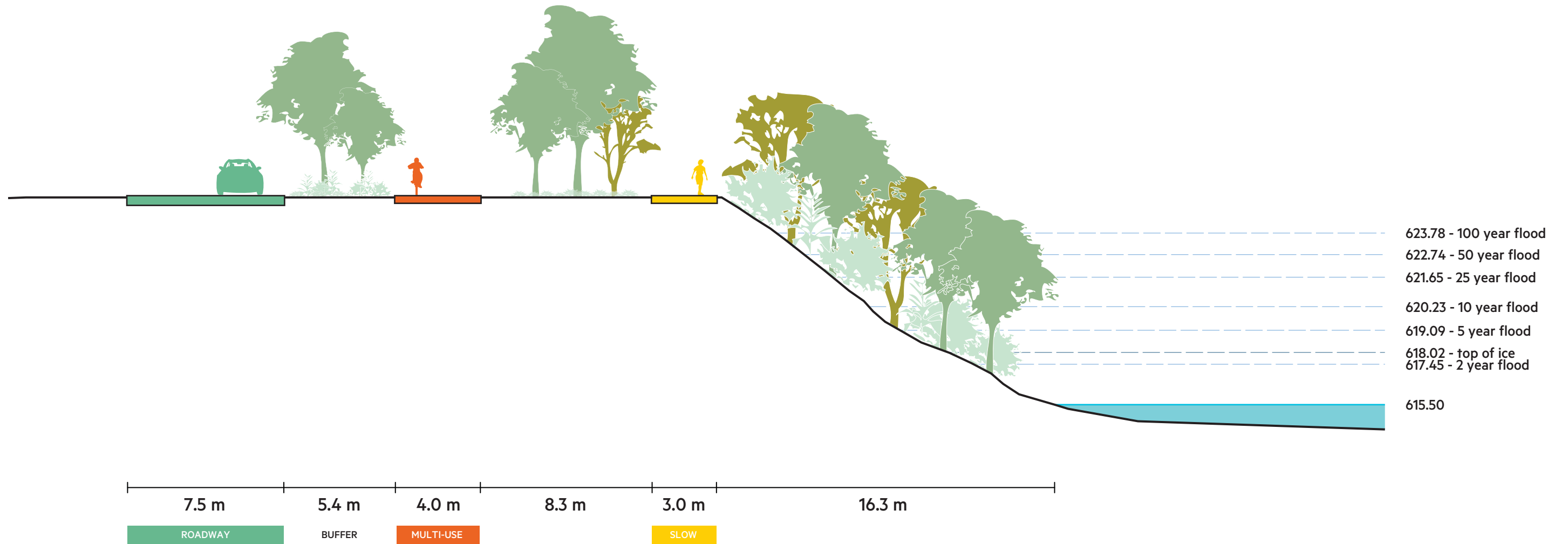


EXISTING

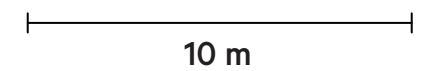
10 m

# SPLIT PATH PROMENADE

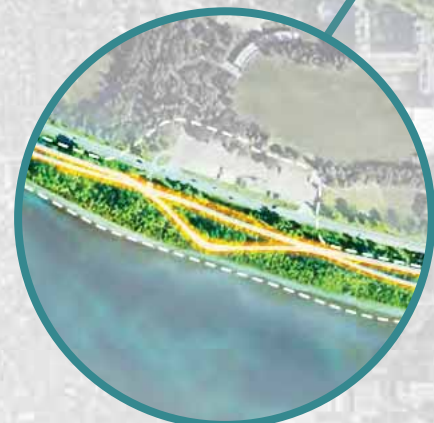
## PROPOSED PATHWAYS



PROPOSED



CONCEPT DESIGN  
VICTORIA



VICTORIA

VICTORIA

EXISTING CONDITION



VICTORIA

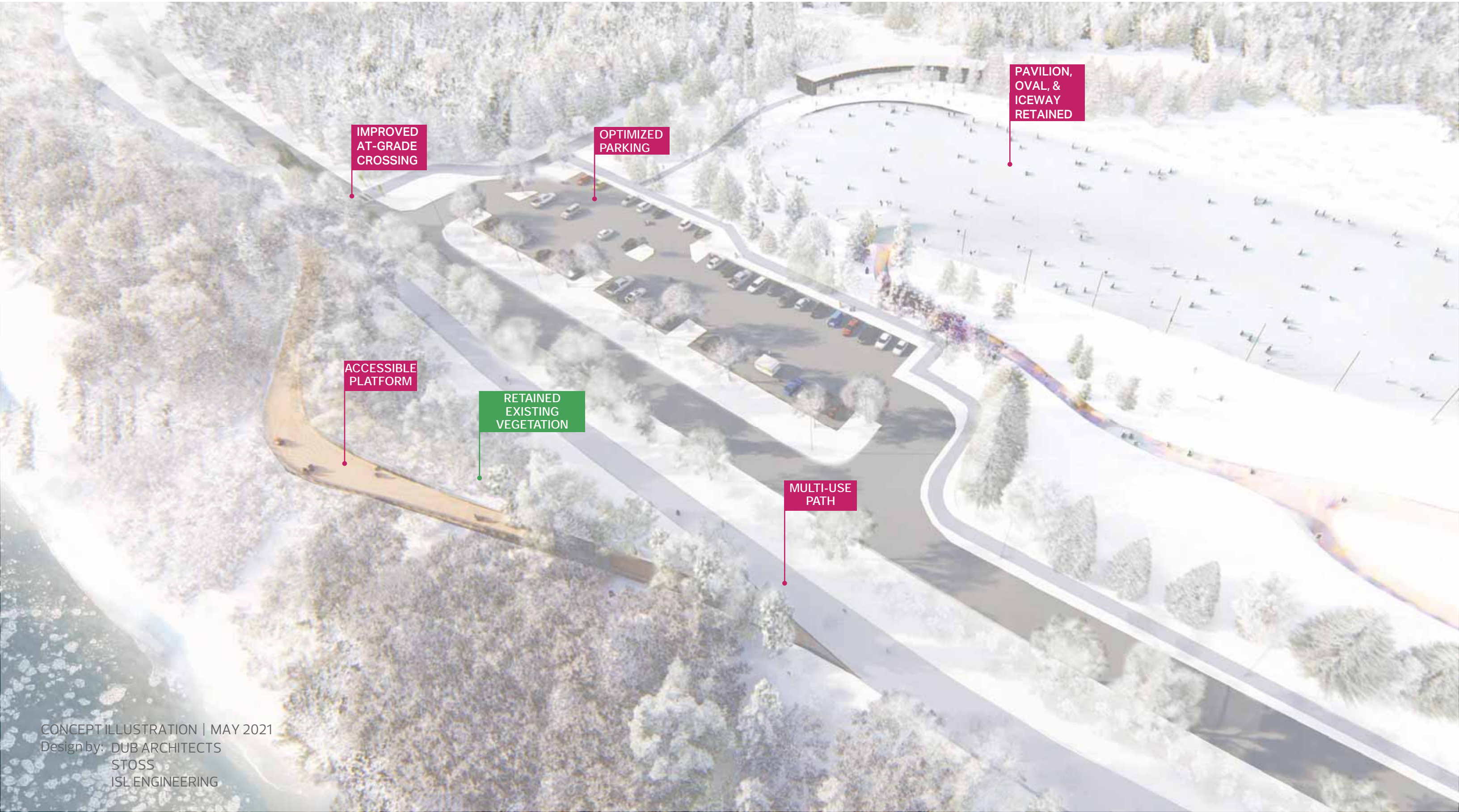
# PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

VICTORIA

# PROPOSAL



VICTORIA

# PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021

Design by: DUB ARCHITECTS

STOSS

ISL ENGINEERING

VICTORIA

# PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING



VICTORIA

# EXISTING PATHWAYS CONDITION



VICTORIA

# PROPOSED PATHWAYS



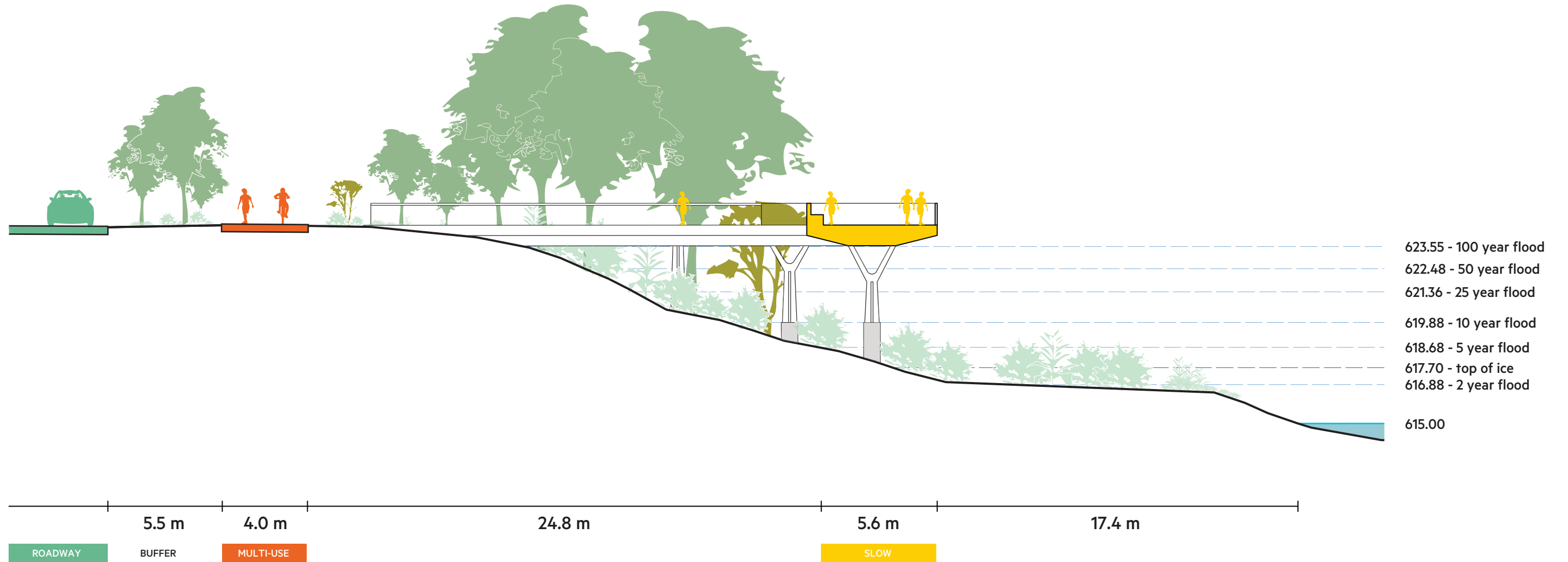
# EXISTING PATHWAYS CONDITION



EXISTING

VICTORIA

# PROPOSED PATHWAYS



PROPOSED

10 m

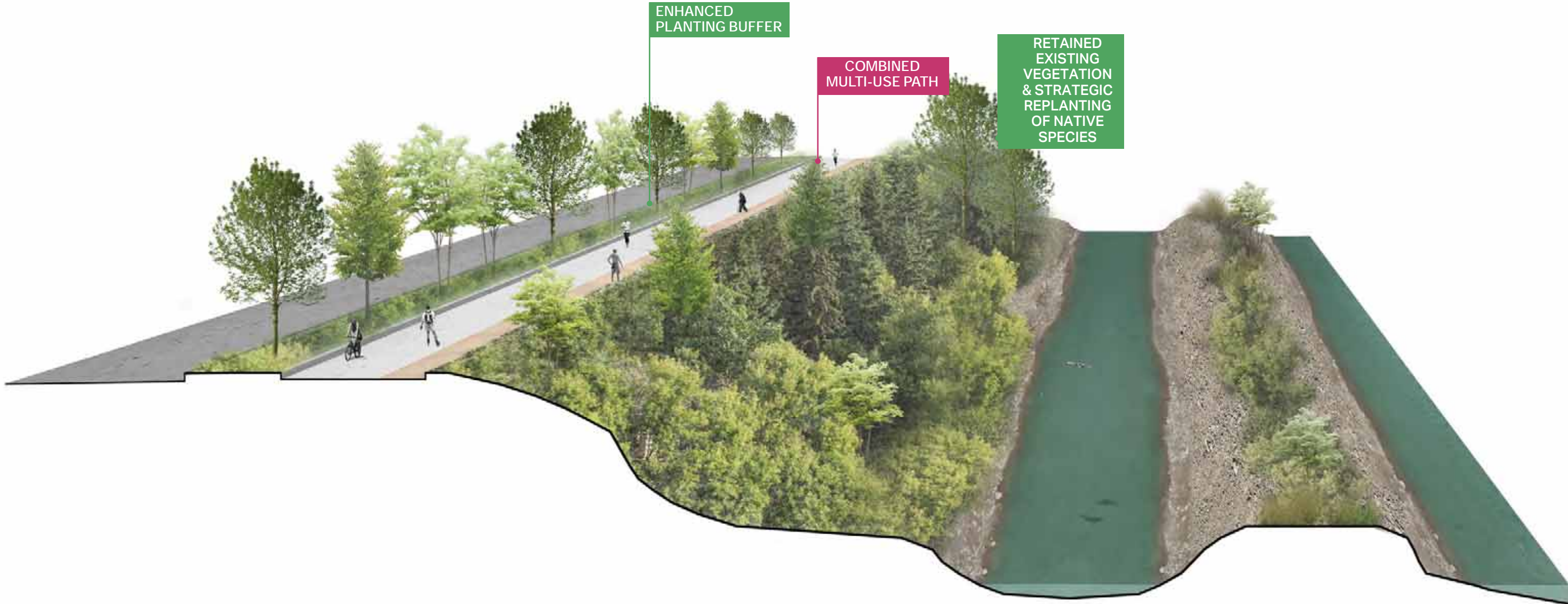
COMBINED PATH PROMENADE

EXISTING PATHWAYS CONDITION



COMBINED PATH PROMENADE

PROPOSED PATHWAYS



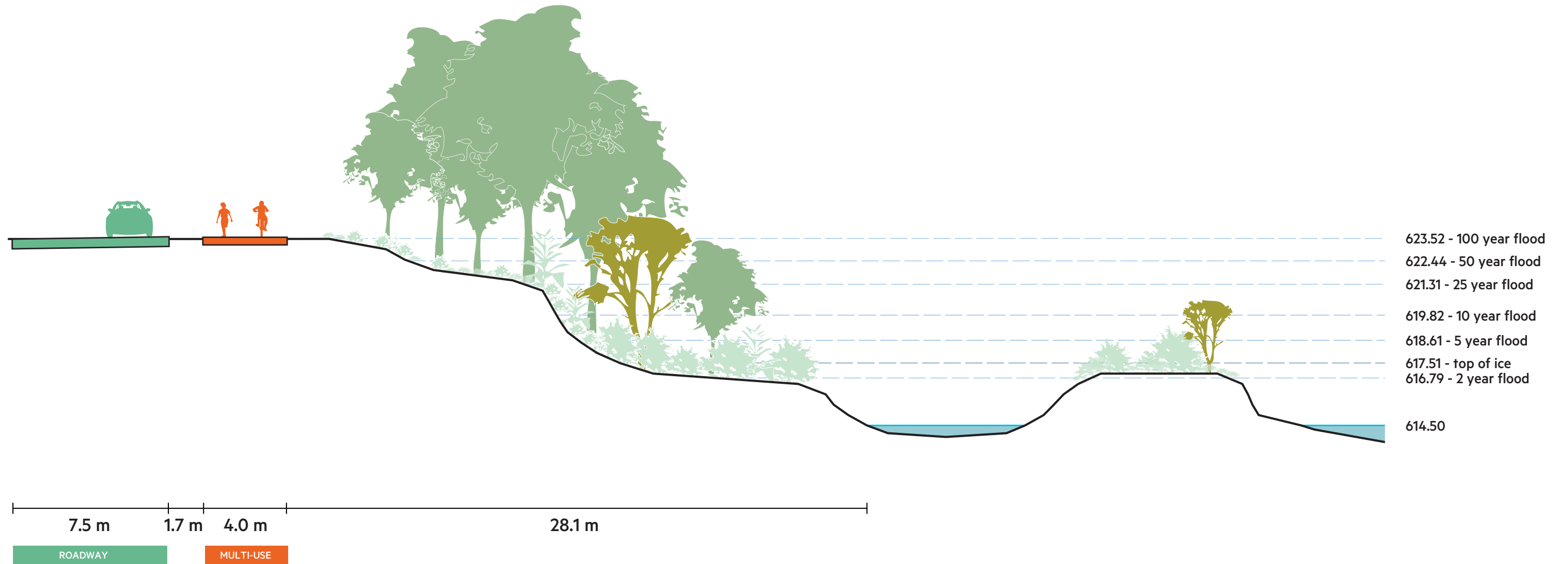
ENHANCED  
PLANTING BUFFER

COMBINED  
MULTI-USE PATH

RETAINED  
EXISTING  
VEGETATION  
& STRATEGIC  
REPLANTING  
OF NATIVE  
SPECIES

# COMBINED PATH PROMENADE

## EXISTING PATHWAYS CONDITION

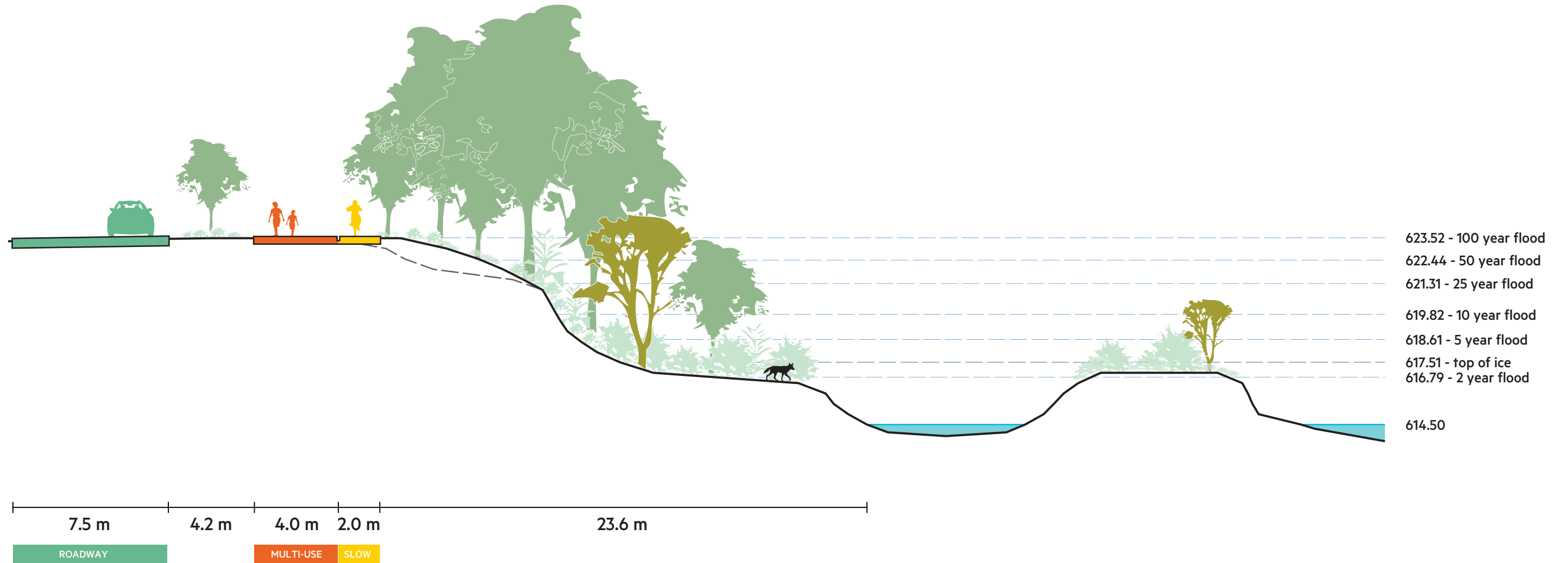


EXISTING

10 m

# COMBINED PATH PROMENADE

## PROPOSED PATHWAYS



PROPOSED

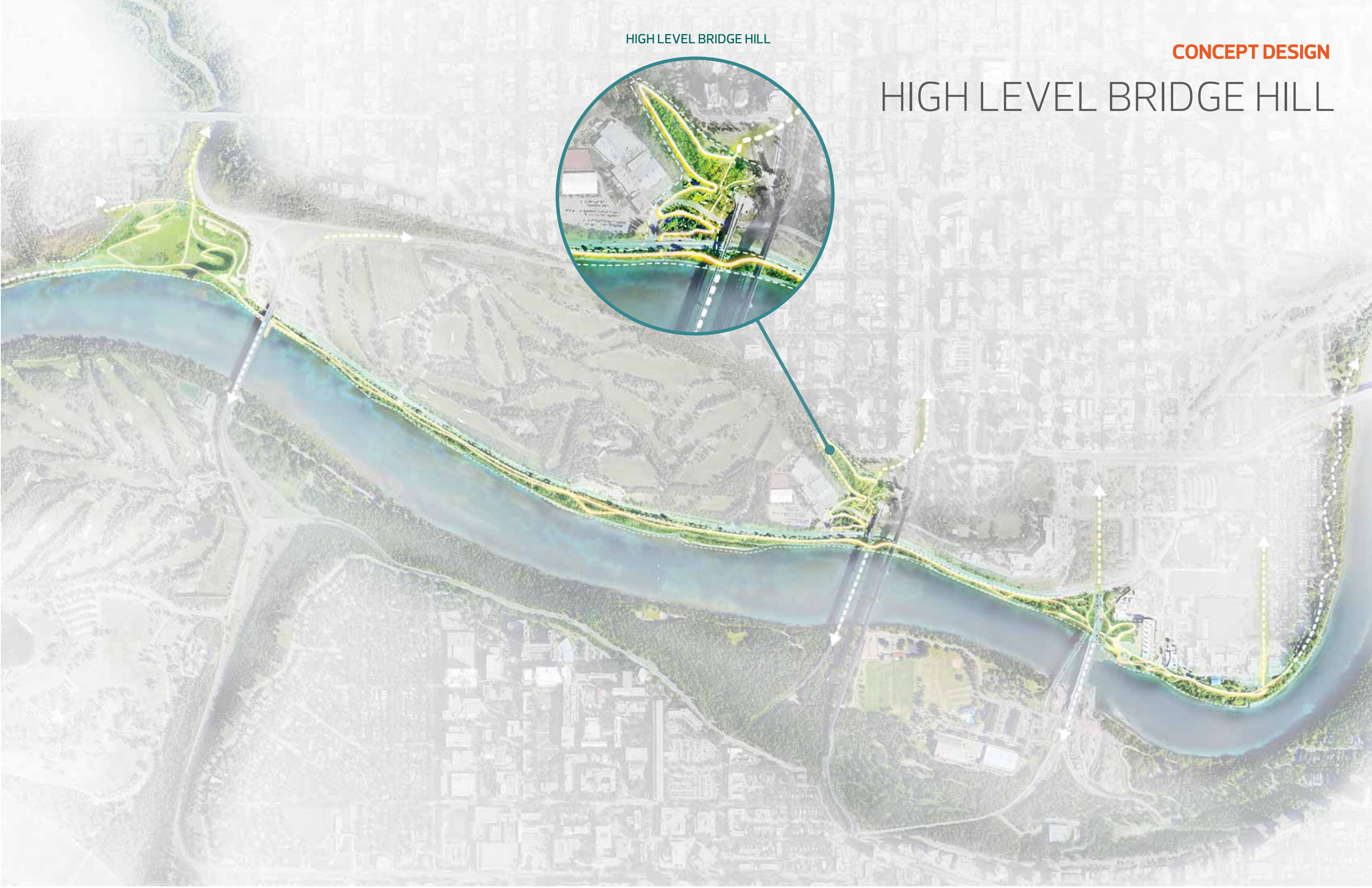
10 m



HIGH LEVEL BRIDGE HILL

CONCEPT DESIGN

# HIGH LEVEL BRIDGE HILL



HIGH LEVEL BRIDGE HILL

EXISTING CONDITION



HIGH LEVEL BRIDGE HILL

# PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

# HIGH LEVEL BRIDGE HILL PROPOSAL

ALBERTA LEGISLATURE

CONSTABLE EZIO FARAONE PARK

HIGH LEVEL BRIDGE

ENHANCED  
PLANTING

PLAZA

DUDLEY B MENZIES BRIDGE

CONNECTION TO  
EXISTING TRAIL

ENHANCED  
PLANTING

ACCESSIBLE  
CONNECTION

PARKING

ACCESSIBLE  
PLATFORM

RETAINED  
EXISTING  
VEGETATION

IMPROVED  
AT-GRADE  
CROSSING

CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

# HIGH LEVEL BRIDGE HILL IMPROVING ACCESSIBILITY

- PATHWAYS
- STAIRS
- PROPOSED



HIGH LEVEL BRIDGE HILL

EXISTING PATHWAYS CONDITION



# HIGH LEVEL BRIDGE HILL

## EXISTING PATHWAYS CONDITION



EXISTING

# HIGH LEVEL BRIDGE HILL

## PROPOSED PATHWAYS



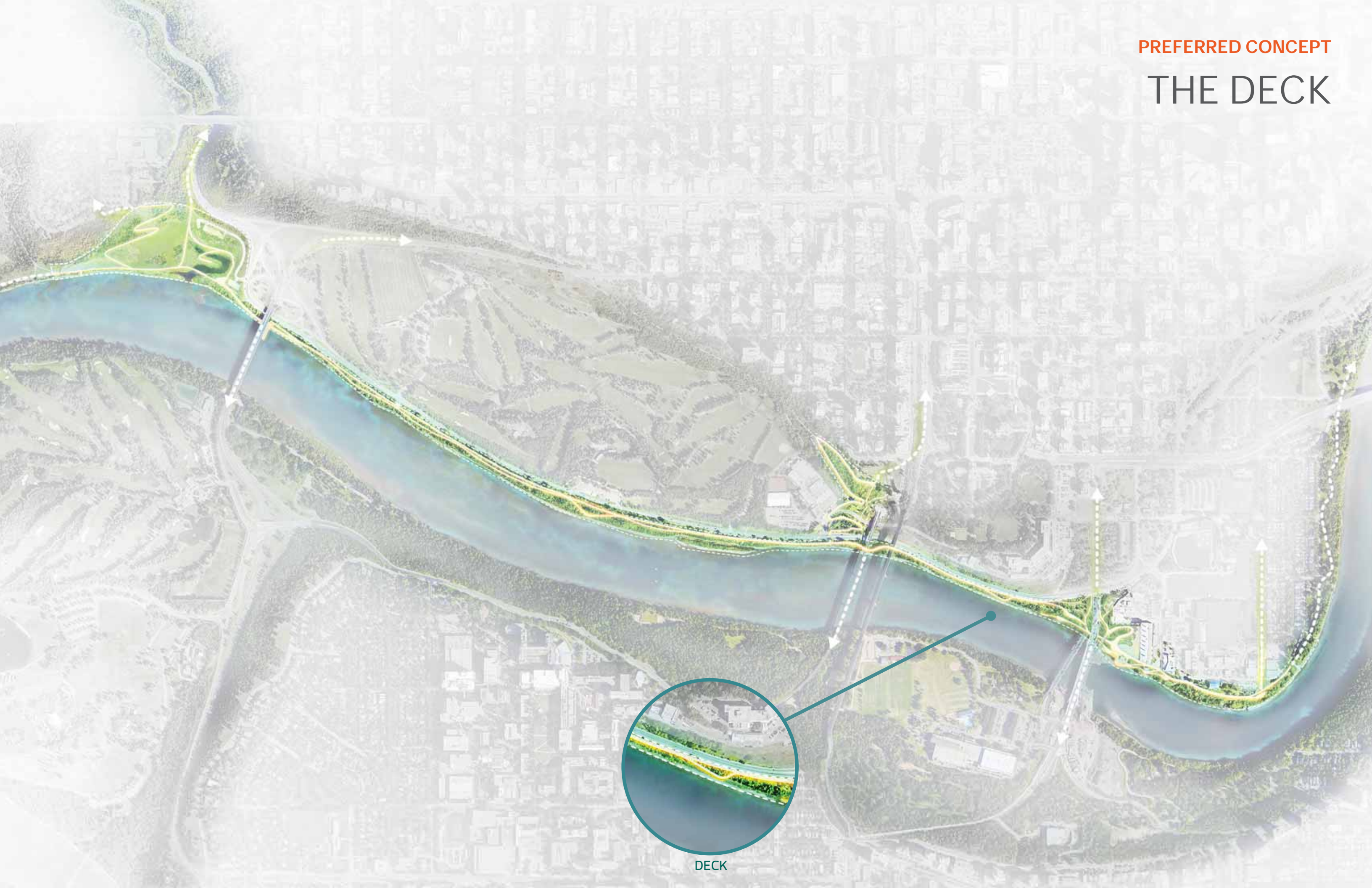
PROPOSED

10 m



PREFERRED CONCEPT

# THE DECK



DECK

THE DECK

# EXISTING CONDITION



THE DECK

# PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021

Design by: DUB ARCHITECTS

STOSS

ISL ENGINEERING

THE DECK

PROPOSAL



GOVERNMENT OF ALBERTA  
TERRACE BUILDING

RETAINED  
EXISTING  
VEGETATION

ENHANCED  
PLANTING

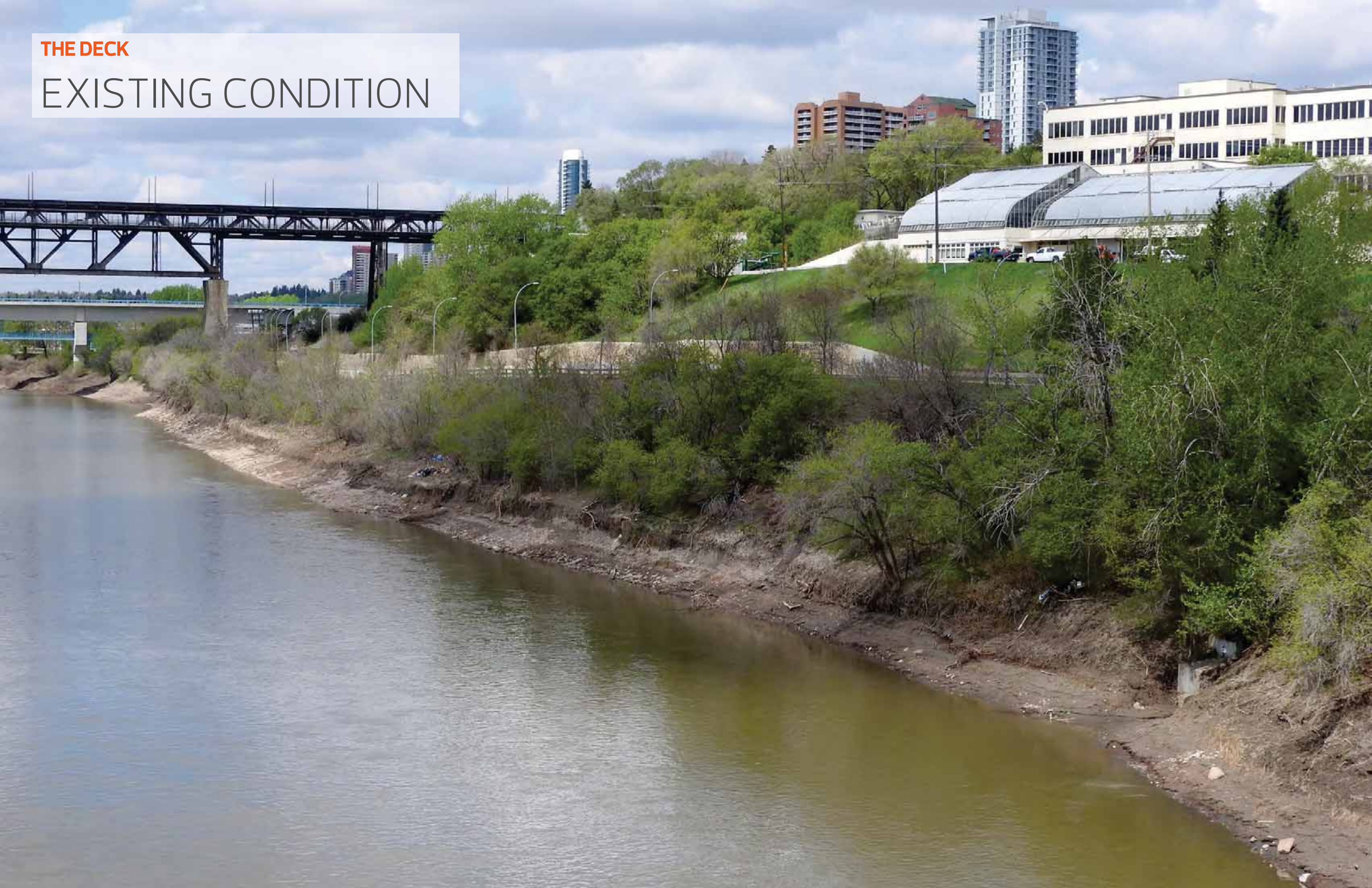
OUTLOOK

PLANTING  
BUFFER

SEATING /  
GATHERING

THE DECK

# EXISTING CONDITION



THE DECK

# PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

THE DECK

# PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

THE DECK

# EXISTING PATHWAYS CONDITION





THE DECK

# EXISTING PATHWAYS CONDITION

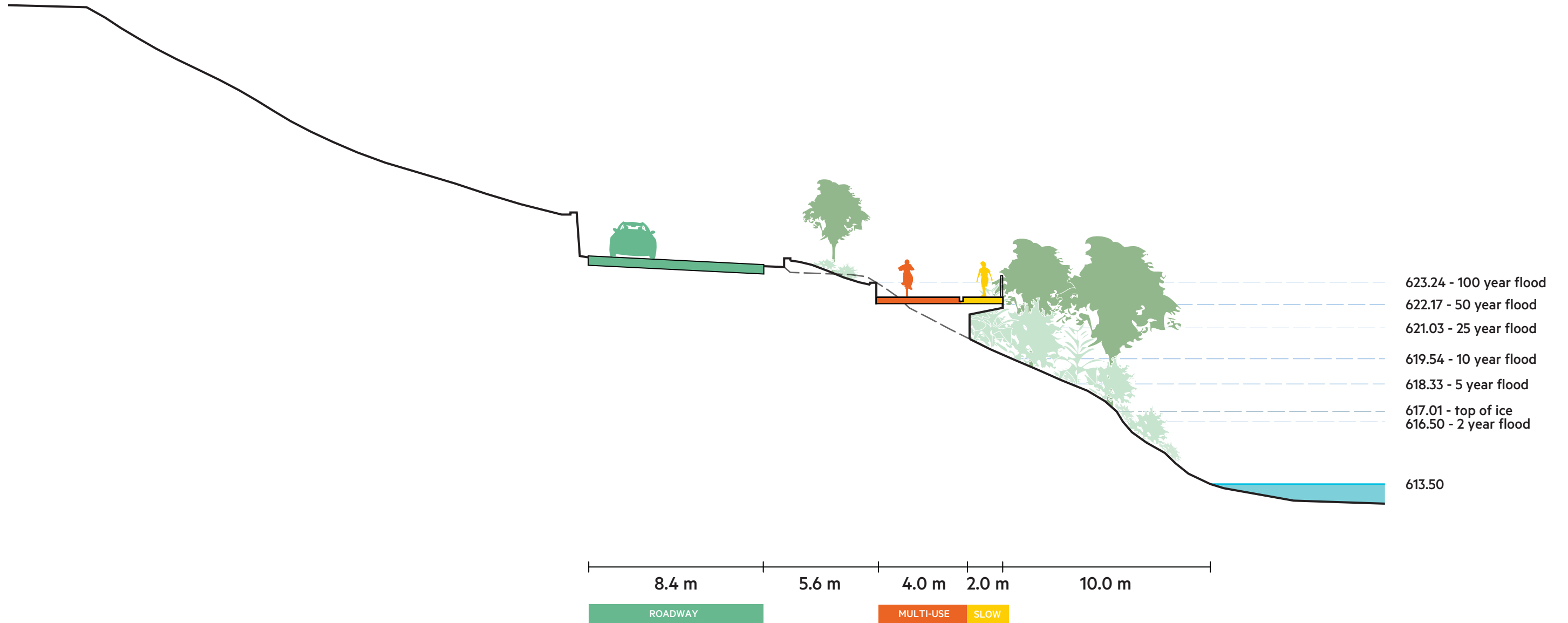


EXISTING

10 m

# THE DECK

## PROPOSED PATHWAYS

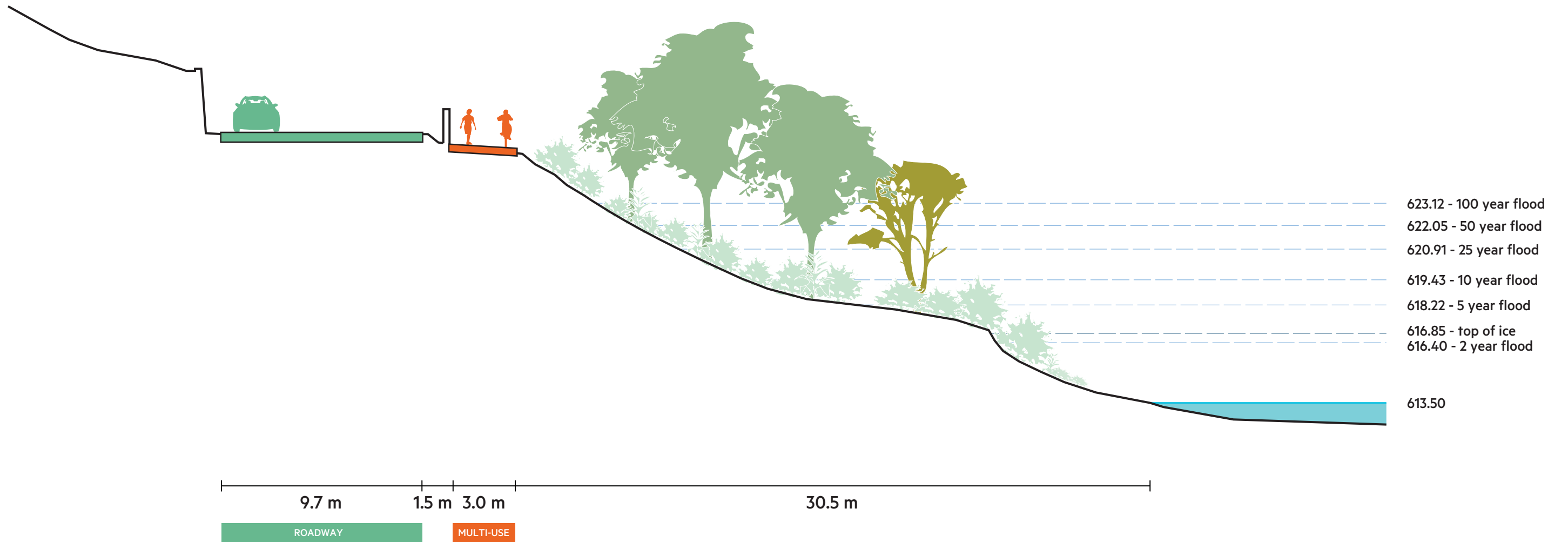


PROPOSED

10 m

# THE DECK

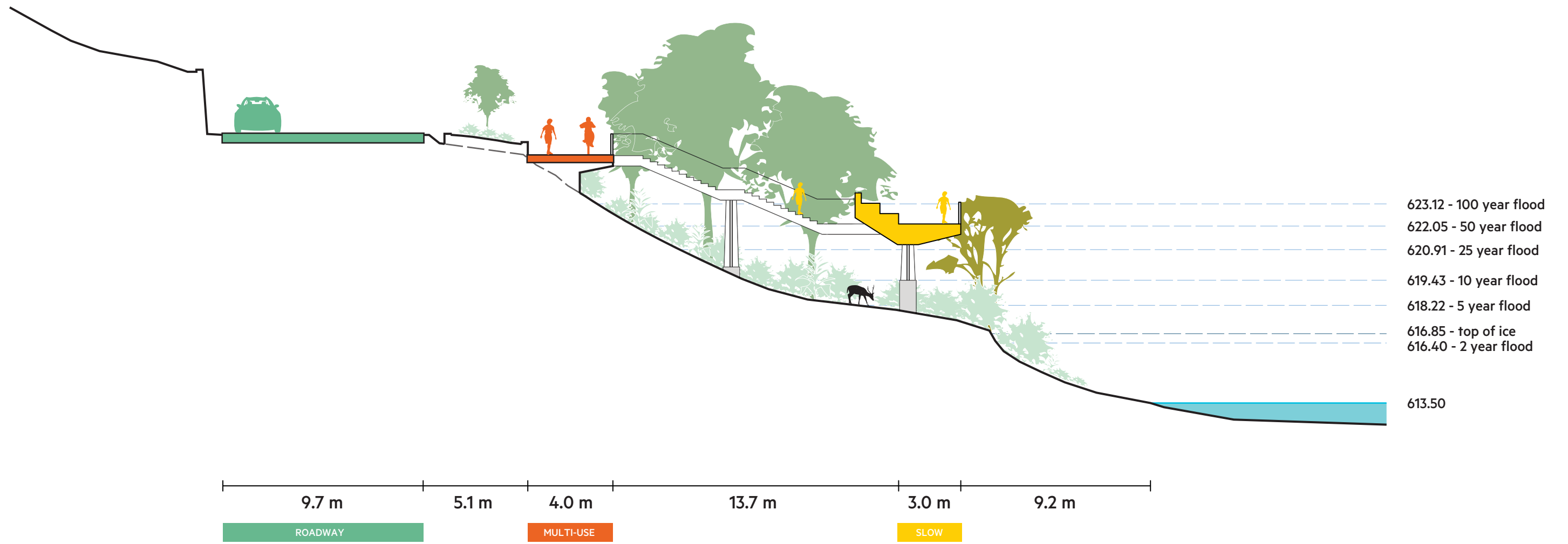
## EXISTING PATHWAYS CONDITION



EXISTING

# THE DECK

## PROPOSED PATHWAYS

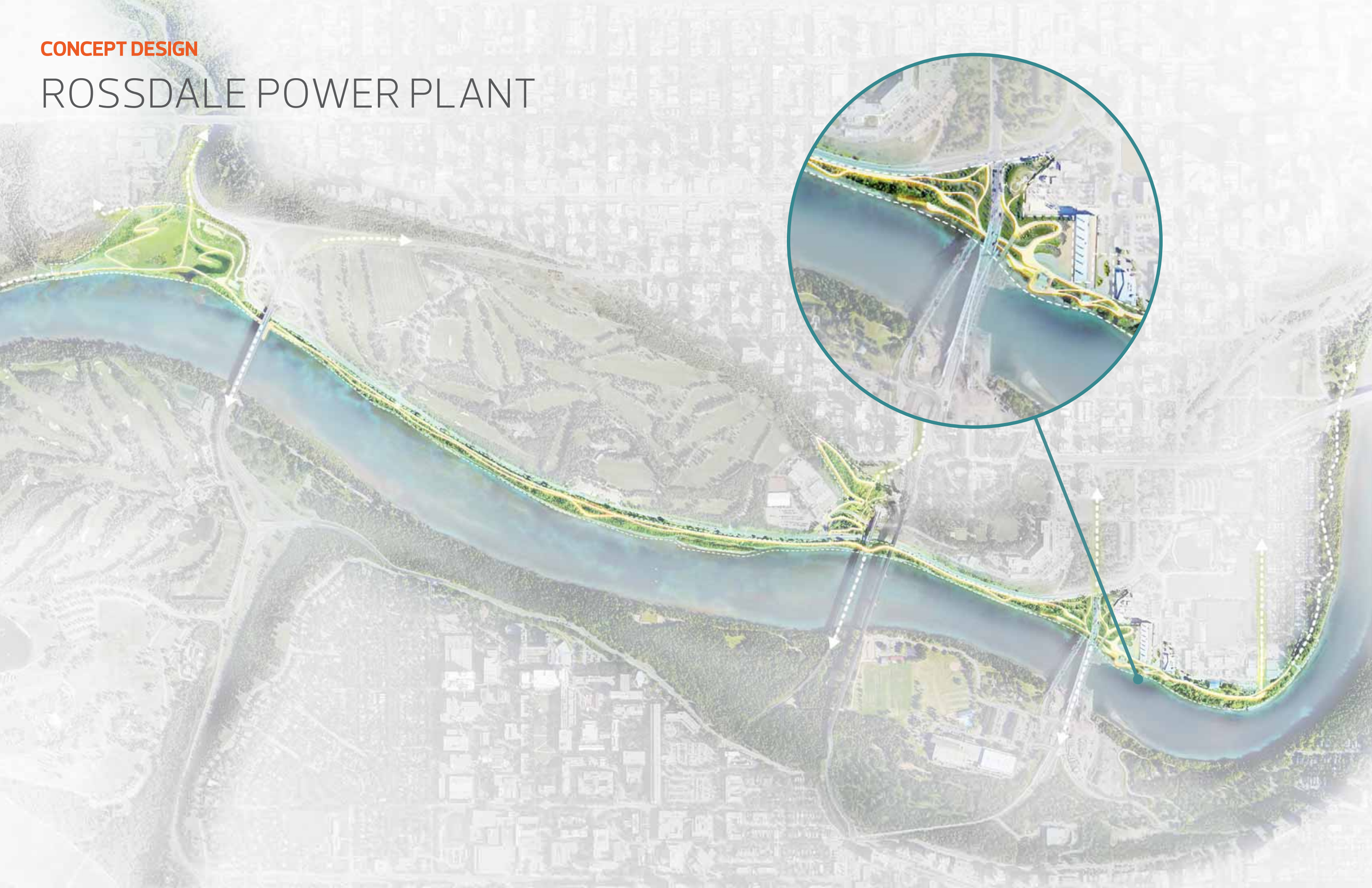


PROPOSED

10 m

CONCEPT DESIGN

# ROSSDALE POWER PLANT



**ROSSDALE POWER PLANT**

**EXISTING CONDITIONS**

VEGETATED RIVER BANK

PEDESTRIAN WALKWAYS

TRADITIONAL BURIAL GROUND

EPCOR PROPERTY

OPEN LAWN

SERVICE ROAD

PARKING LOT

WALTERDALE BRIDGE

RIVER VALLEY RD NW

PUMP HOUSE 2

PUMP HOUSE 1



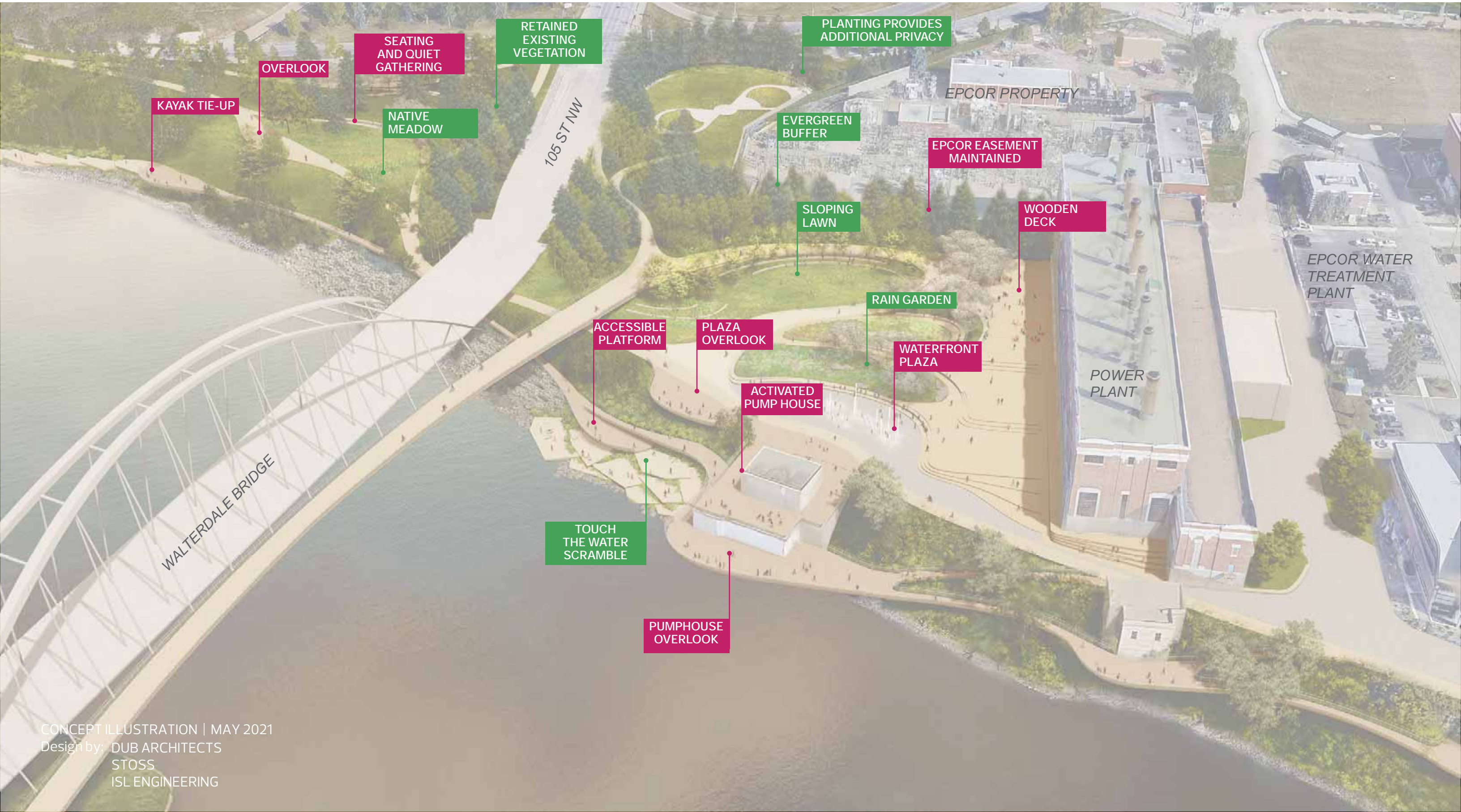
ROSSDALE POWER PLANT

PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

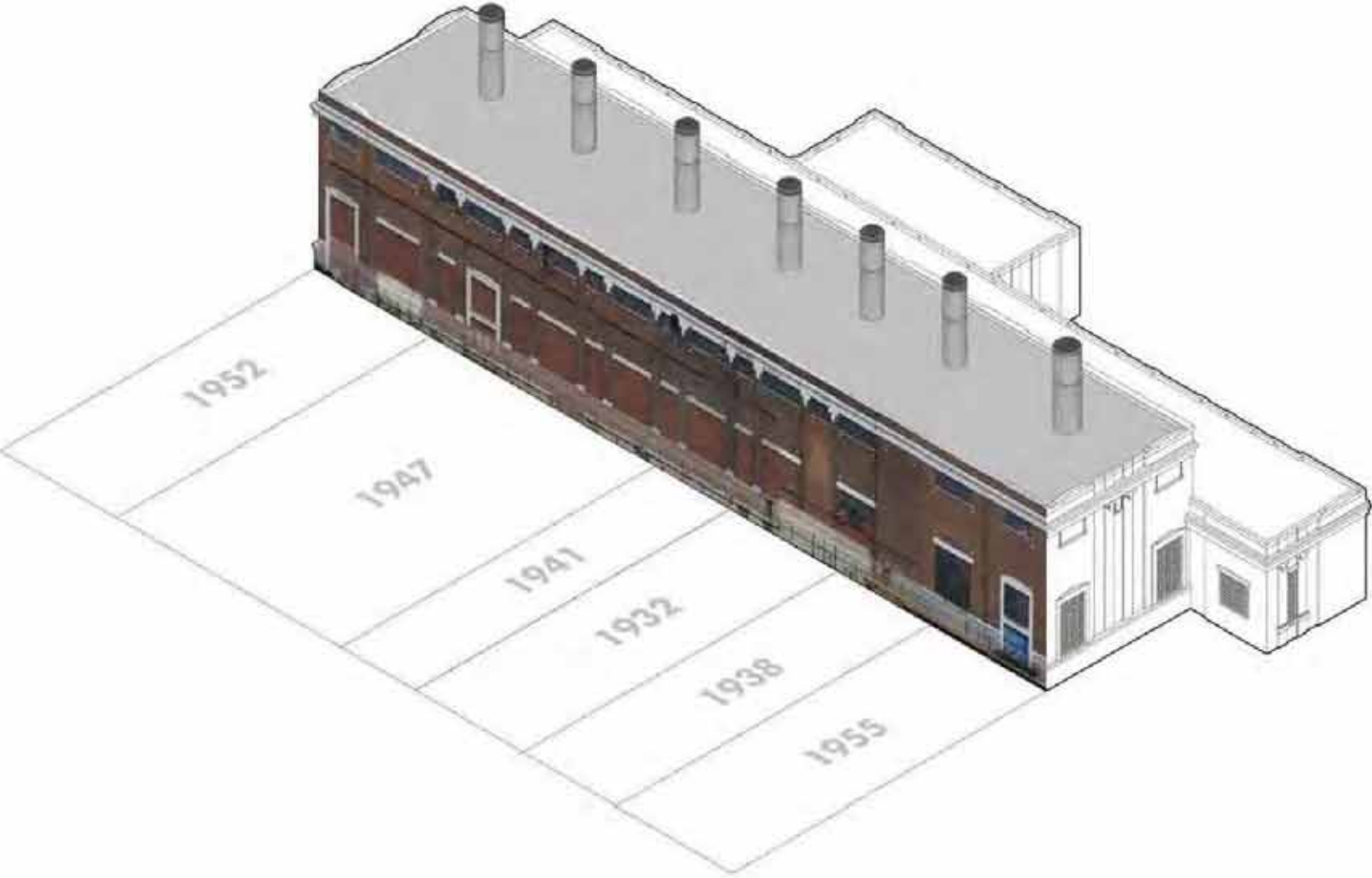
# ROSSDALE POWER PLANT PROPOSAL





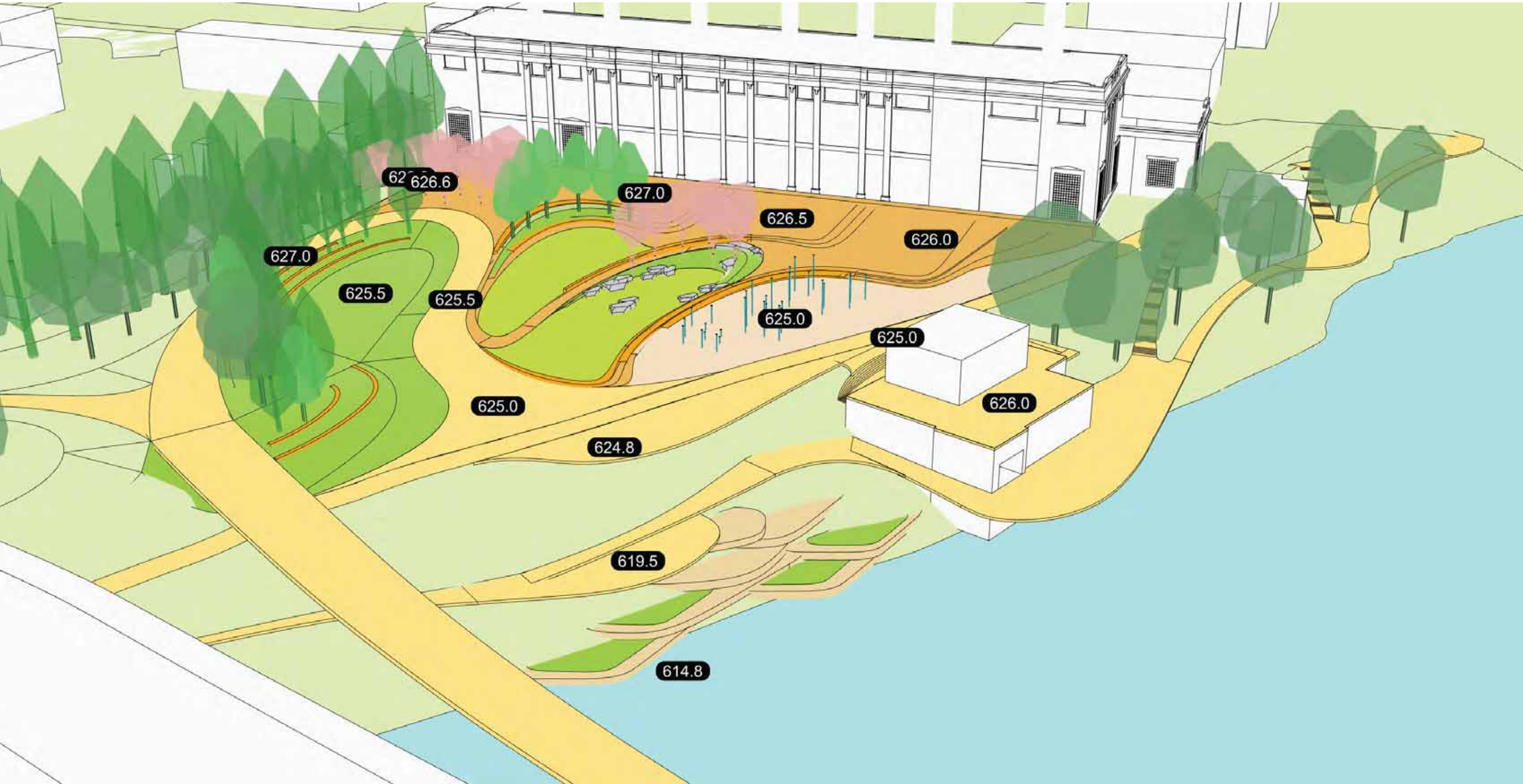
ROSSDALE POWER PLANT

POWER PLANT HERITAGE



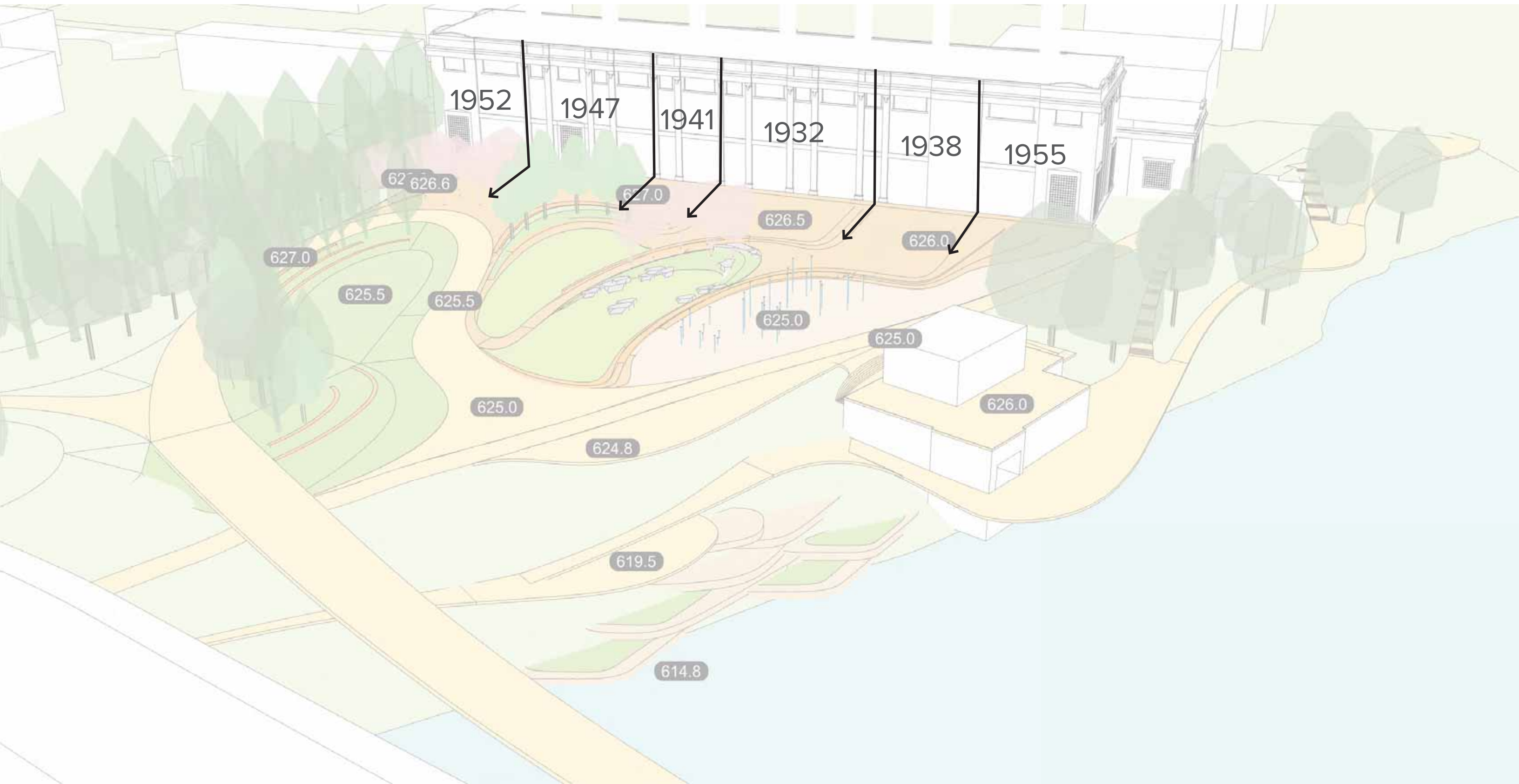
# ROSSDALE POWER PLANT

## PROPOSED CONDITION ELEVATION



ROSSDALE POWER PLANT

PROPOSED CONDITION - INDUSTRIAL HERITAGE



# ROSSDALE POWER PLANT

## PROPOSED CONDITION: CIRCULATION



### LEGEND

- PRIMARY CIRCULATION
- SECONDARY CIRCULATION (ACCESSIBLE)
- - - SECONDARY CIRCULATION (SCRAMBLE)
- ● NODE

# ROSSDALE POWER PLANT

## PROPOSED CONDITION: PLANTING



ROSSDALE POWER PLANT

EXISTING CONDITION



ROSSDALE POWER PLANT

PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

**ROSSDALE POWER PLANT**  
EXISTING CONDITION





**ROSSDALE POWER PLANT**  
**PROPOSAL**



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

ROSSDALE POWER PLANT

FOUNTAIN/PUBLIC ART PRECEDENT: 140 WEST PLAZA



FOUNTAIN FRAMING SPACE



TRANSFORMS THE PLAZA WITH COLOR AND LIGHT

**ROSSDALE POWER PLANT**

EXISTING CONDITION



ROSSDALE POWER PLANT

PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

ROSSDALE POWER PLANT

EXISTING CONDITION



ROSSDALE POWER PLANT

PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

ROSSDALE POWER PLANT

PRECEDENT: EVERGREEN BRICKWORKS (TORONTO)



EVERGREEN BRICKWORKS



EVERGREEN BRICKWORKS

**ROSSDALE POWER PLANT**

EXISTING CONDITION





ROSSDALE POWER PLANT

PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

**ROSSDALE POWER PLANT**

**NORTH SASKATCHEWAN RIVER ICE**



ICE BREAK UP



ICE ON THE BANK

ROSSDALE POWER PLANT

EXISTING CONDITION



ROSSDALE POWER PLANT

PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

ROSSDALE POWER PLANT

PRECEDENTS



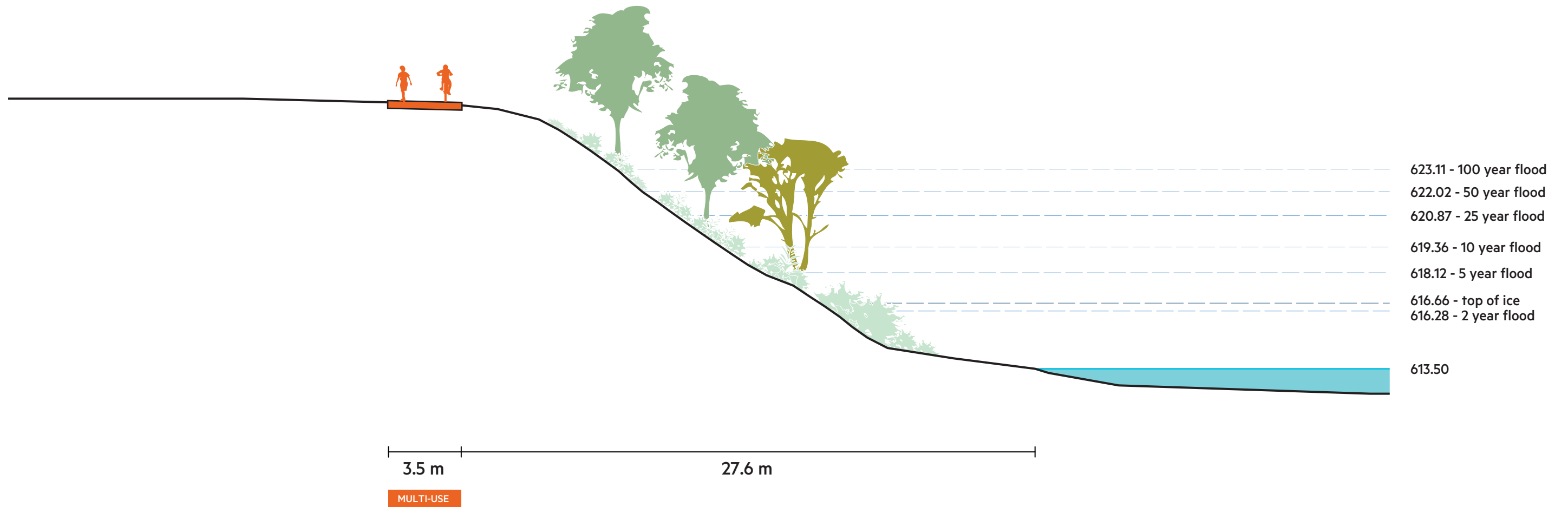
CALGARY RIVERWALK



MULINI BEACH

# ROSSDALE LANDING

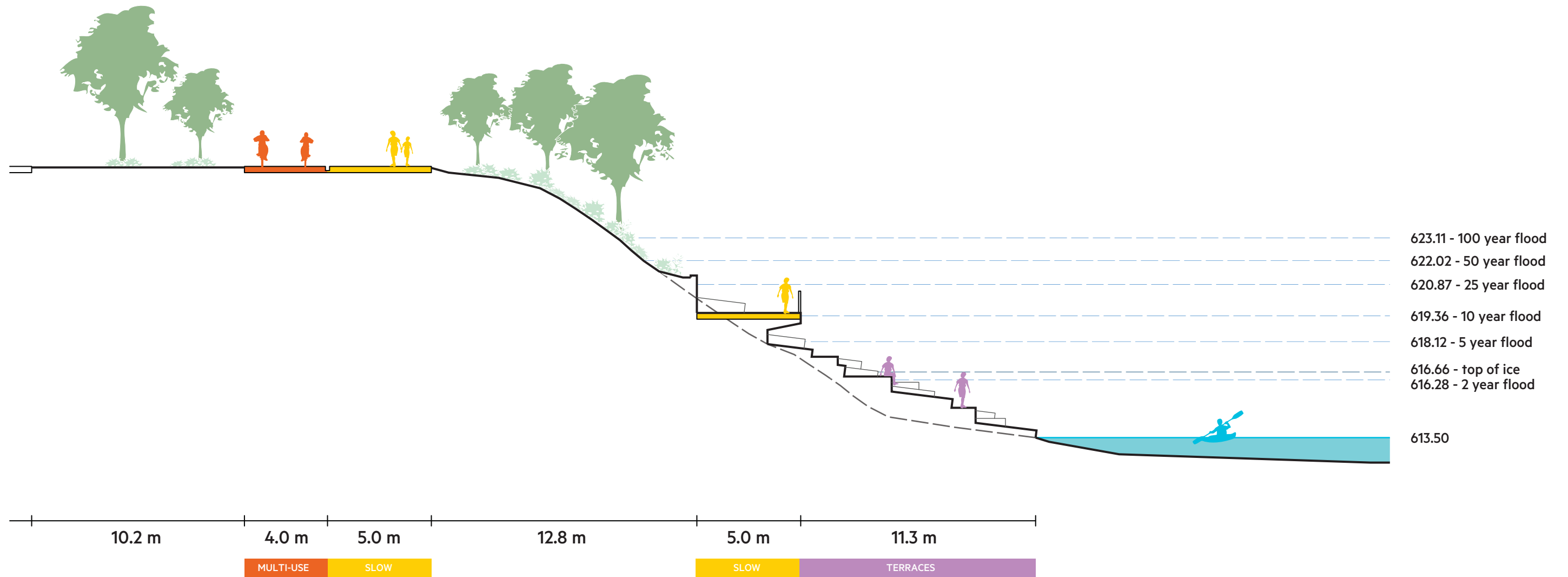
## EXISTING PATHWAYS CONDITION



EXISTING

# ROSSDALE LANDING

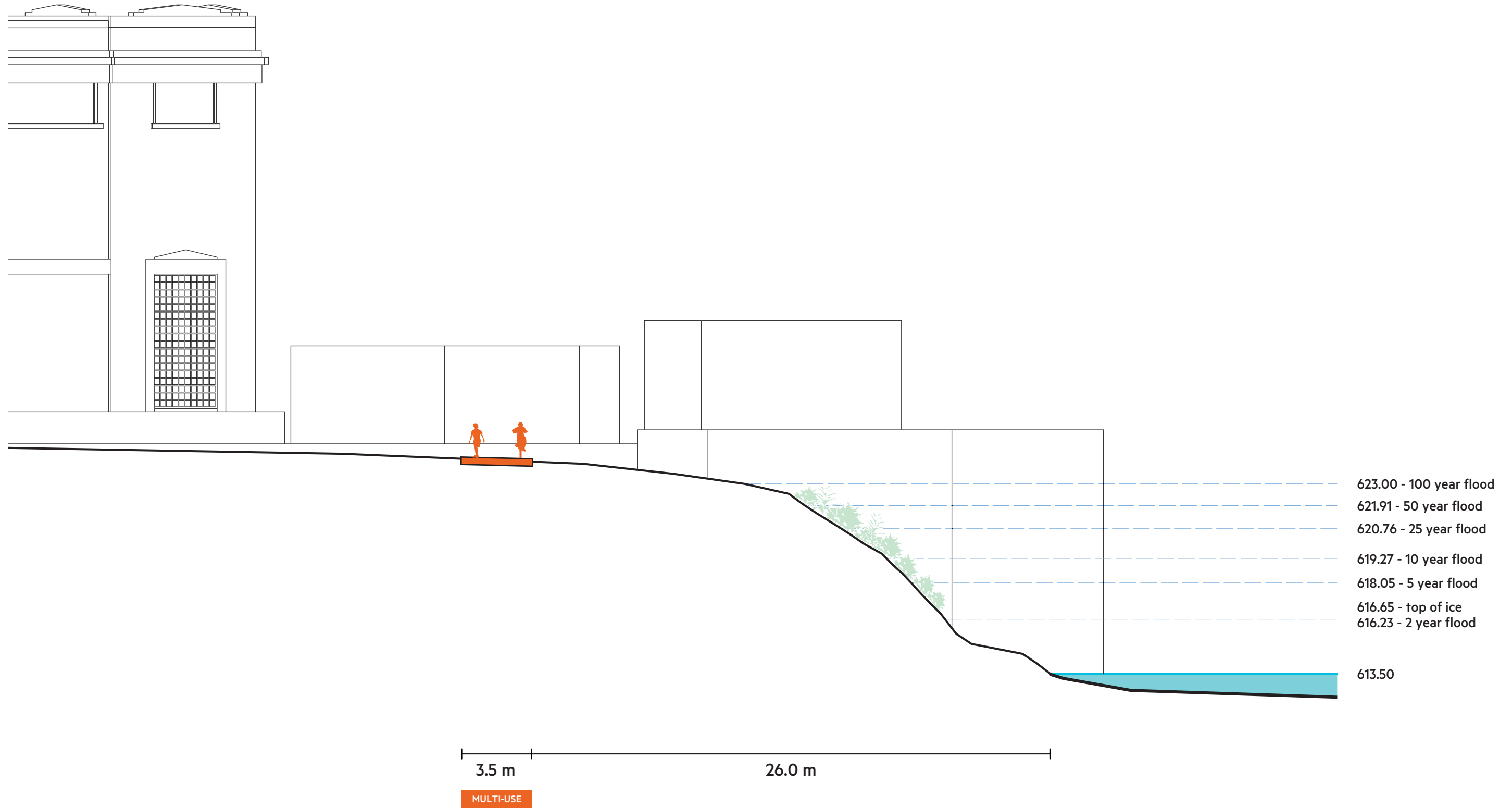
## PROPOSED PATHWAYS



PROPOSED

10 m

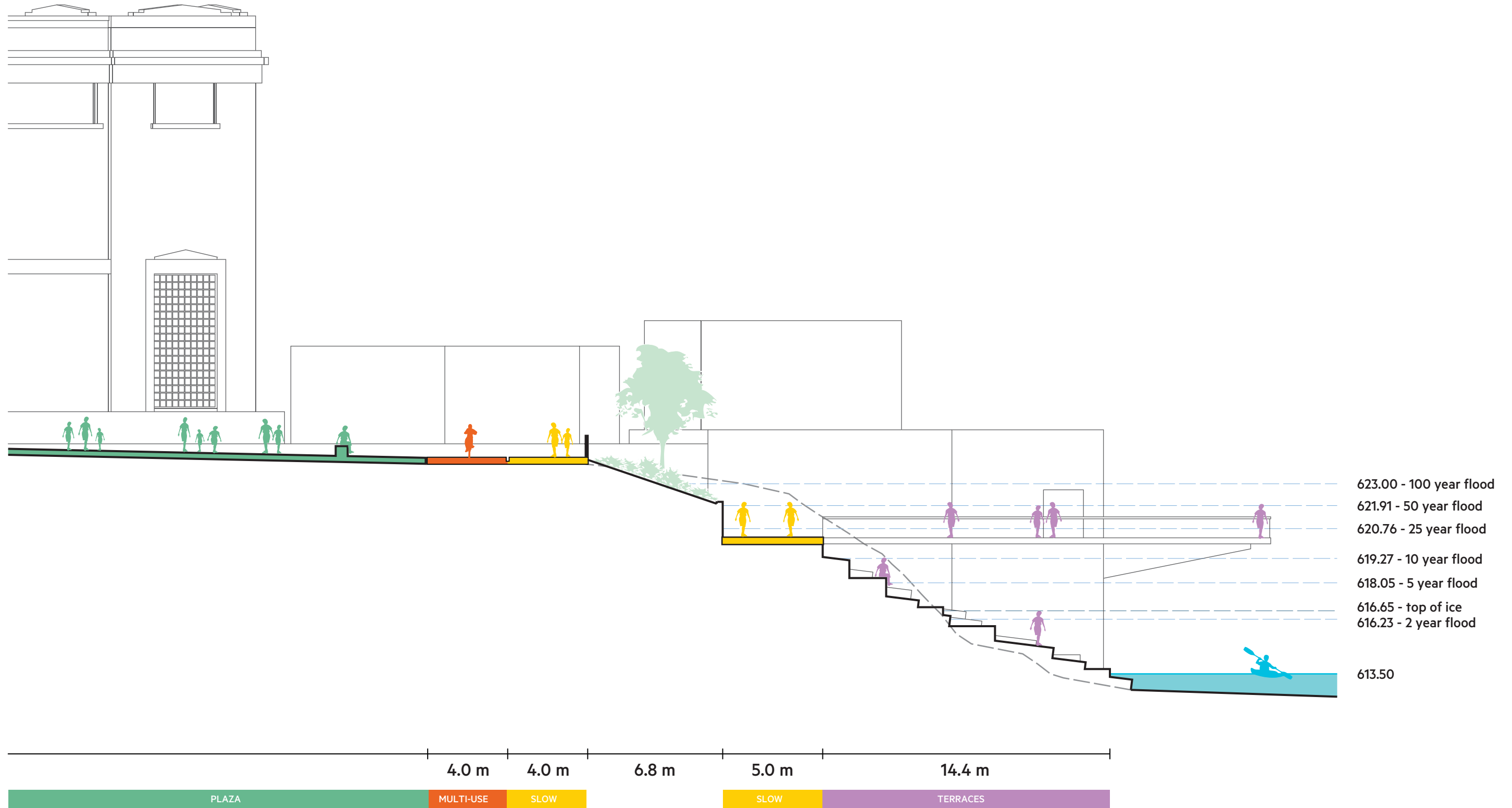
# ROSSDALE POWER PLANT EXISTING PATHWAYS CONDITION



EXISTING



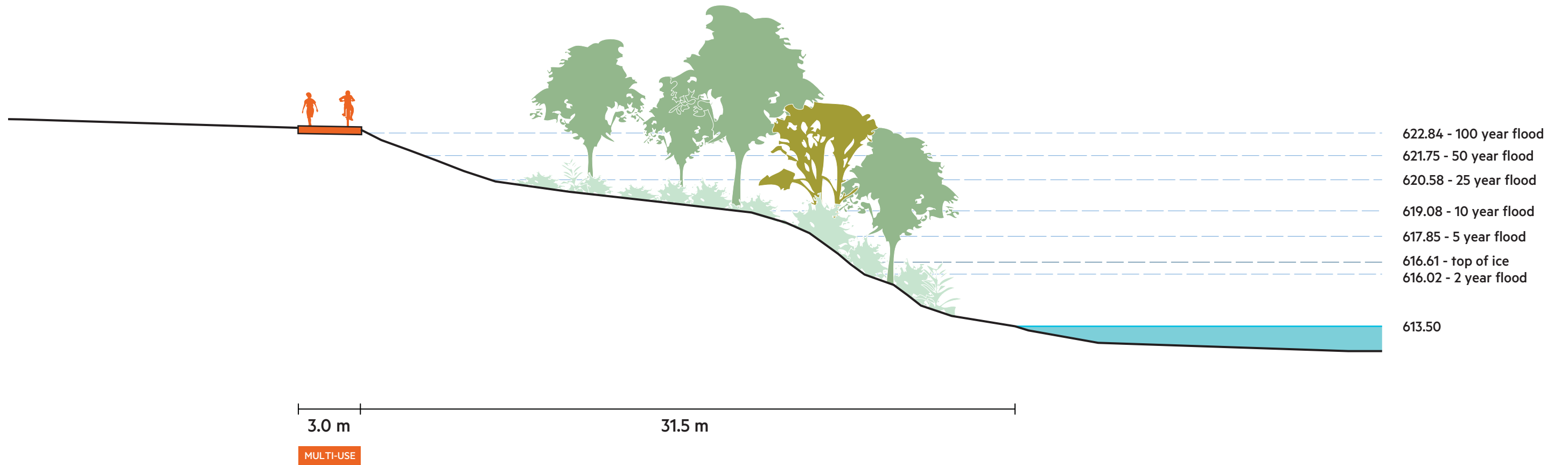
# ROSSDALE POWER PLANT PROPOSED PATHWAYS



PROPOSED

**EPCOR TREATMENT PLANT**

# EXISTING PATHWAYS CONDITION

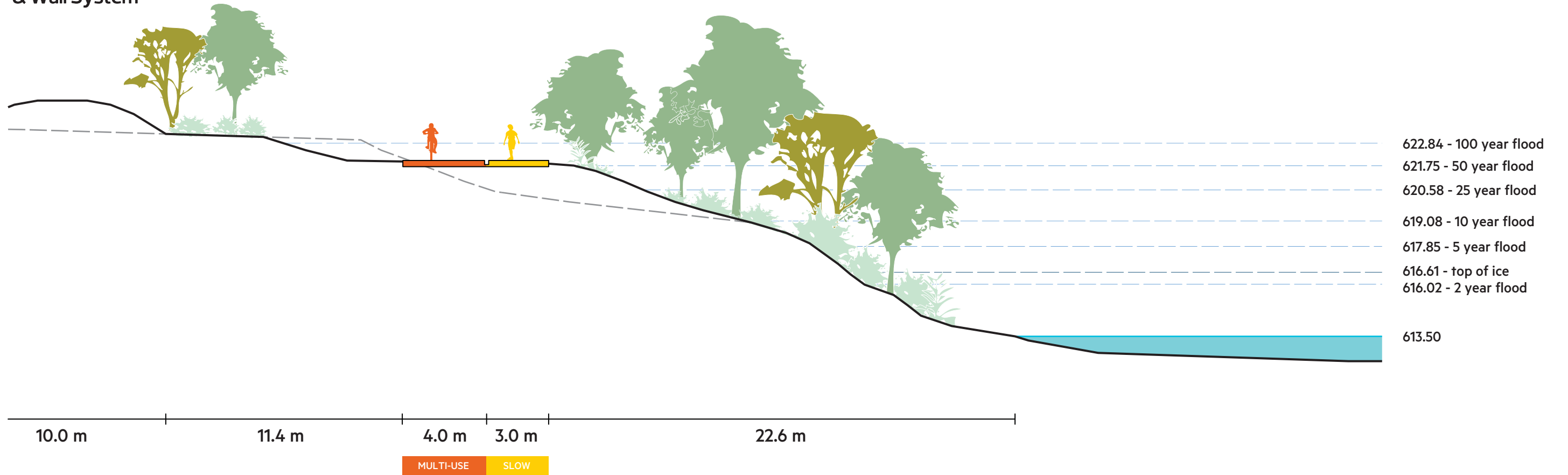


**EXISTING**

# EPCOR TREATMENT PLANT

## PROPOSED PATHWAYS

EPCOR Flood Protection Berm & Wall System



PROPOSED

10 m

CONCEPT DESIGN

# ROSSDALE BEND



BEND





THE BEND

# EXISTING CONDITION



THE BEND

# PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021

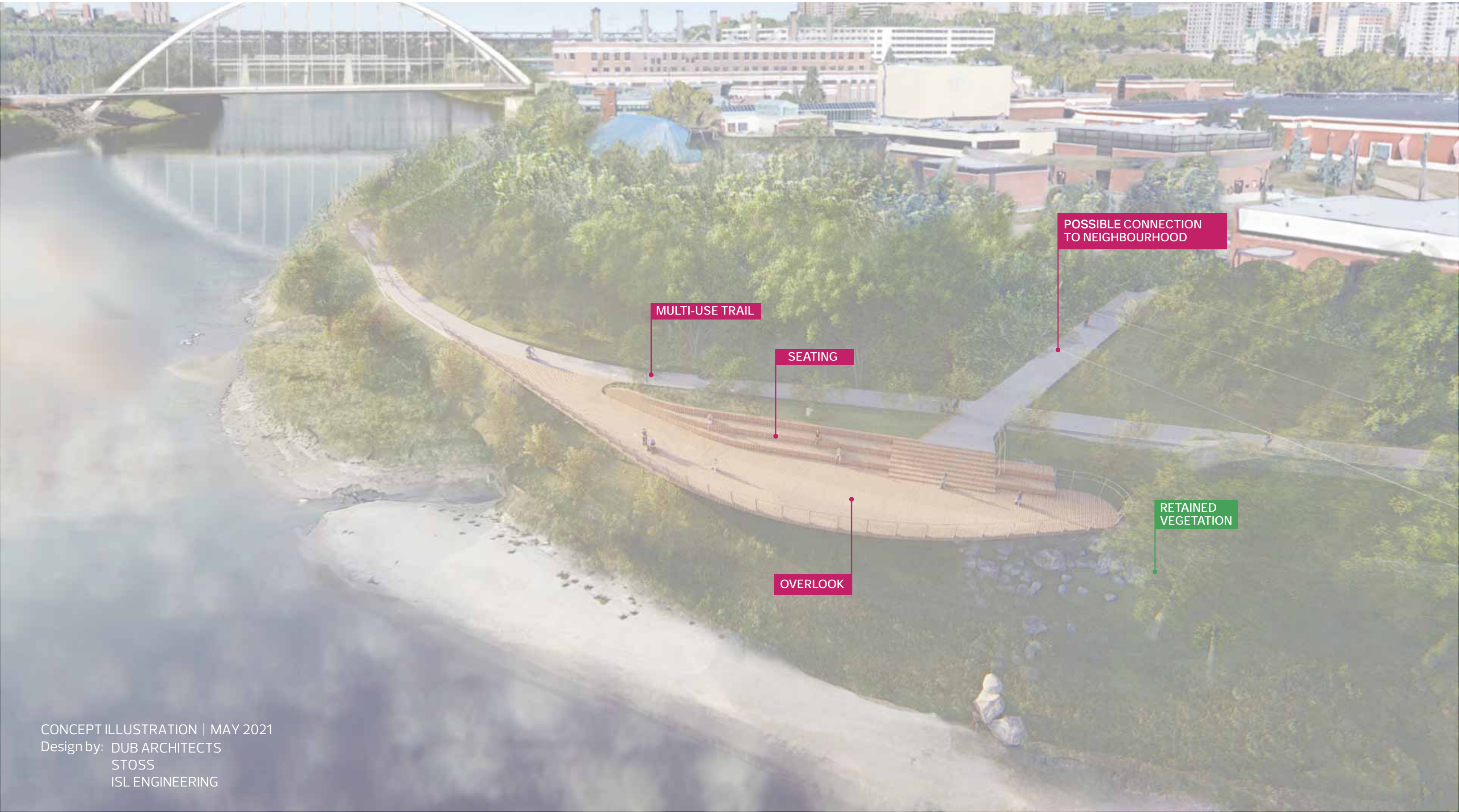
Design by: DUB ARCHITECTS

STOSS

ISL ENGINEERING

THE BEND

# PROPOSAL



MULTI-USE TRAIL

SEATING

POSSIBLE CONNECTION TO NEIGHBOURHOOD

RETAINED VEGETATION

OVERLOOK

CONCEPT ILLUSTRATION | MAY 2021

Design by: DUB ARCHITECTS

STOSS

ISL ENGINEERING



THE BEND

# PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021

Design by: DUB ARCHITECTS

STOSS

ISL ENGINEERING

THE BEND

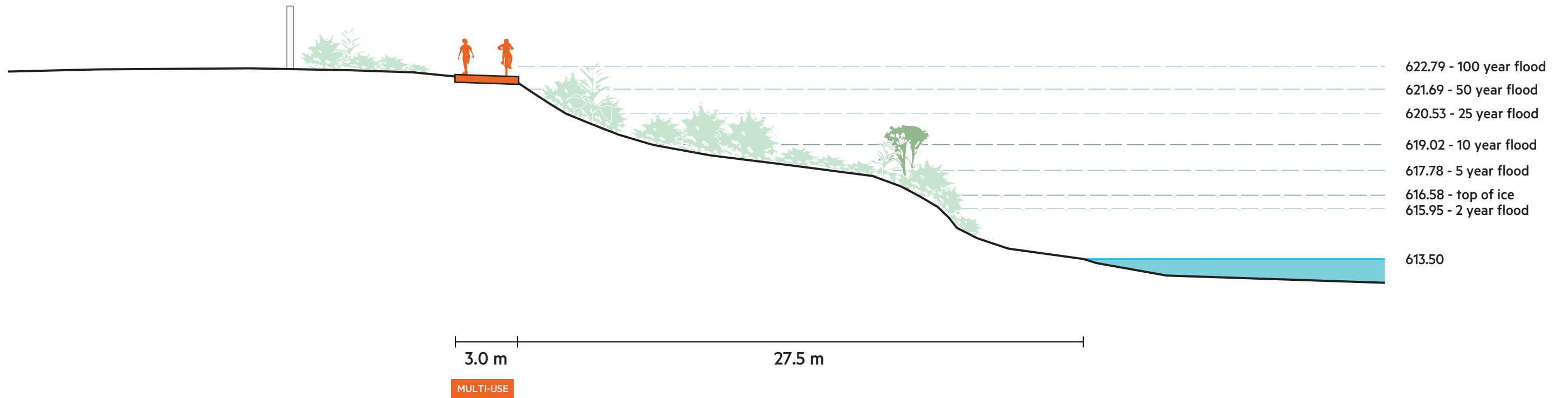
# PROPOSAL



CONCEPT ILLUSTRATION | MAY 2021  
Design by: DUB ARCHITECTS  
STOSS  
ISL ENGINEERING

THE BEND

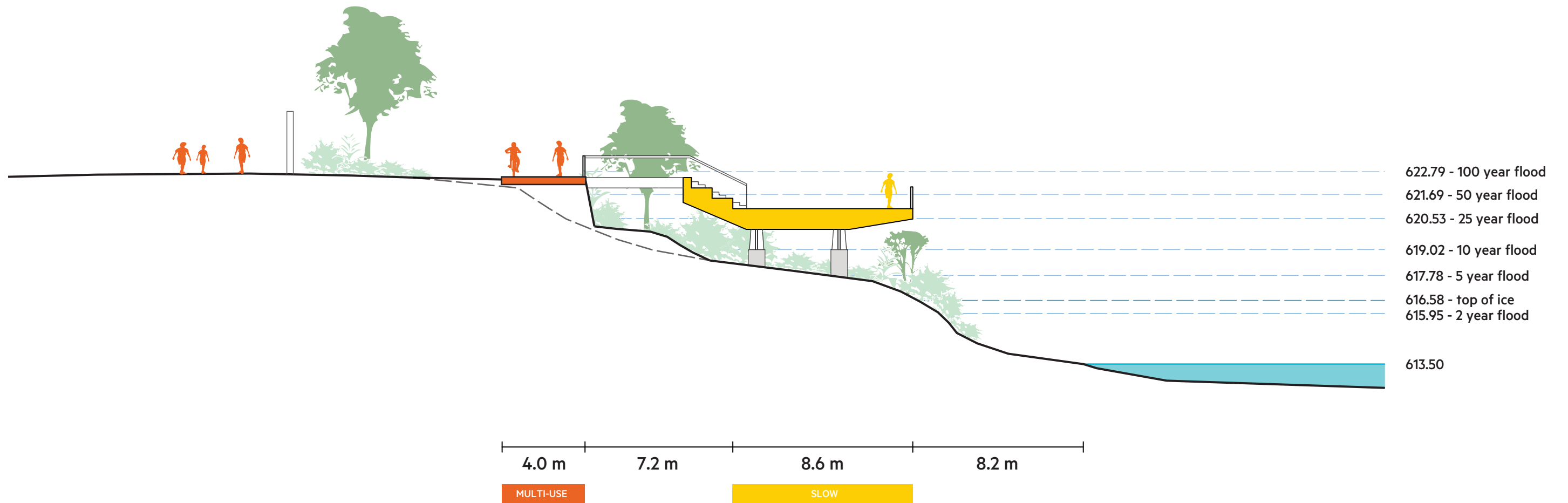
EXISTING PATHWAYS CONDITION



EXISTING

# THE BEND

# PROPOSED PATHWAYS



PROPOSED

