

PORT

2024

October 22, 2020

Port Lands Flood Protection SAC #8

LANDS

Canada

 Ontario

 **TORONTO**


WATERFRONTToronto

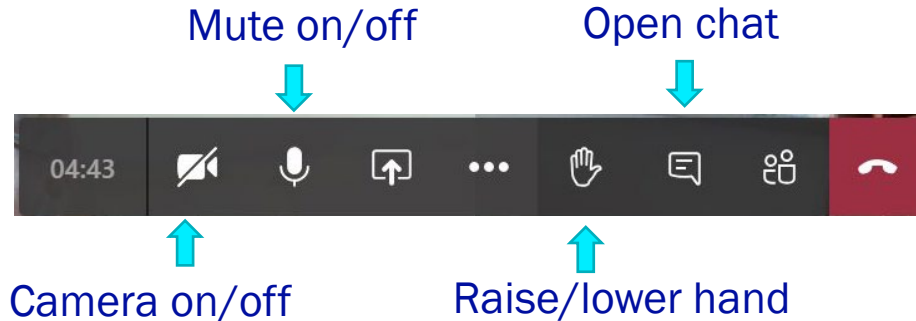
Agenda

- Introductions and Teams Instructions – Waterfront Toronto
- Update on Destination Play in the Port Lands – Waterfront Toronto
- PLFP Construction and Design Update – Waterfront Toronto
- Design Update: All Parks – MVVA
 - Discussion

Introductions + Teams Instructions

Teams 101 – Joining on a Computer

- Turn your camera on if you're comfortable
- Click the microphone icon to mute yourself when you're not speaking
- Troubleshooting: use the chat window to note any issues
- "Raise your hand" to ask a question or make a comment



Teams 101 – Joining via Telephone

- To mute/un-mute yourself, press *6
- Mute yourself when you're not speaking
- Let us know if you can't hear or you can't tell which slide is being presented
- We'll open the floor to your questions/comments once all hands are down

Introductions

- We'll go through the list of attendees (usually in alphabetical order)
- Please introduce yourself and the organization you represent

Recording this session for the Public Meeting

- We're recording the design team's presentations at this meeting and will show these pre-recorded presentations at the upcoming Public Meeting. They will also be available to view in advance of the meeting.
- Please add your questions to the chat while presenters are speaking.
- We will open the floor to questions/comments at the end of each presentation, including those in the chat.
- You'll see we have given ourselves some cues to ensure the recording doesn't require too many edits.
- Thanks for your understanding!

Update:
Destination Play
in the Port Lands

Four Signature Projects



Park Programming Types- 2024

- Play Areas
- Dogs Off Leash Area
- Overlook
- Picnic Terrace
- Urban Esplanade
- Plaza
- Event Lawn
- Passive Use Lawn
- Rocky Edge
- Submergent Marsh
- Emergent Marsh
- Vernal Pool
- Planted Armour Stone
- Wooded Upland
- Gravel Beach
- Canoe/Kayak Access
- Bird Watching
- Overlook
 - Eco Education / Interpretation



Destination Playground

0 50 100M

Destination Play Preliminary Layout



Aspirations for Destination Play Areas



Destination Play - Precedent



Gathering Place, Tulsa, OK

Destination Play - Precedent



Destination Play Fundraising Update

- Preparing a fundraising action plan taking all signature projects into account
- As part of this work, we determined that a Destination Playground at the future Promontory Park is an ideal first project for fundraising

What's happening now?

Developing schematic design to support fundraising efforts:

- Landscape vision (30% Design)
- Work with play suppliers to develop play equipment
- Pavilion/comfort station (30% Design)
- Indigenous placemaking
- Winter animation strategy
- Access and parking
- Governance and operations
- Cost estimating

Consultation

- Working with Park People to fill gaps in previous consultation related to playground design
- Public survey
- Market sounding has been completed to help us better understand how people feel about this concept of "destination play" and raising private funds to deliver park amenities.

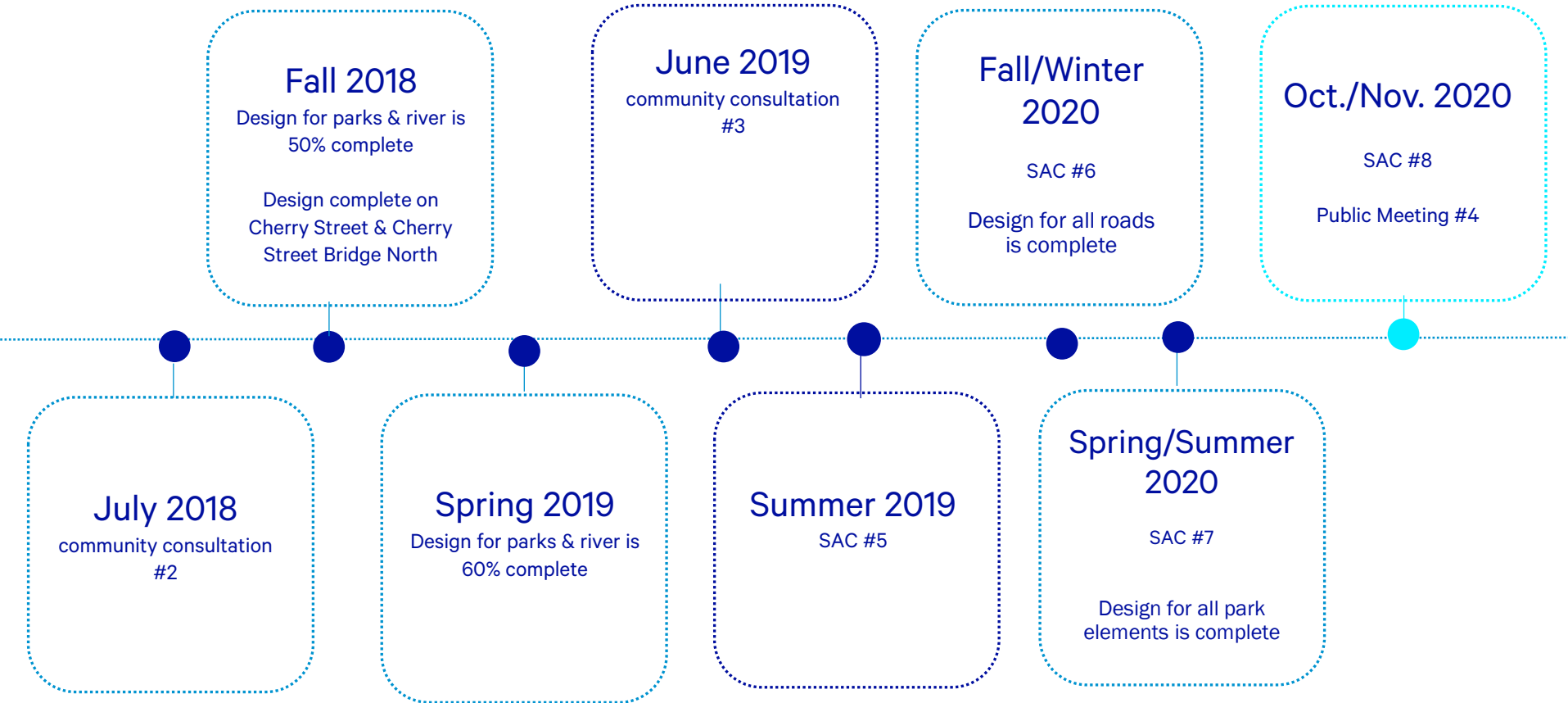
Upcoming Public Meeting

How will we meet online?

- Materials posted on a dedicated page on PortLandsTO.ca
- Survey based on materials will be open until 2 weeks after the meeting
- A public meeting is being scheduled for November 2020
 - First hour is presenting the pre-recorded materials
 - Second hour is Live Q&A with project team

Construction and Design Update

Design: Where are we now?



Construction Progress



Excavation Complete in Central River Valley



River Valley: Before/After



River Valley: Before/After



Marine Landscaping at the Future Mouth of the Don River



South "Plug" Wall Complete



Soil Management & Water Treatment



Photos from the Construction Site



<https://portlandsto.ca/construction/pictures/>

CONTACT Photography Festival



<https://scotiabankcontactphoto.com/130-commissioners-street/>

Rocky Radar – Progress Reports via @TheRockRipper

Future River Valley Current Excavation Complete Excavation Rocky Radar



October 22, 2020

@TheRockRipper

Rocky Radar – Progress Reports via @TheRockRipper



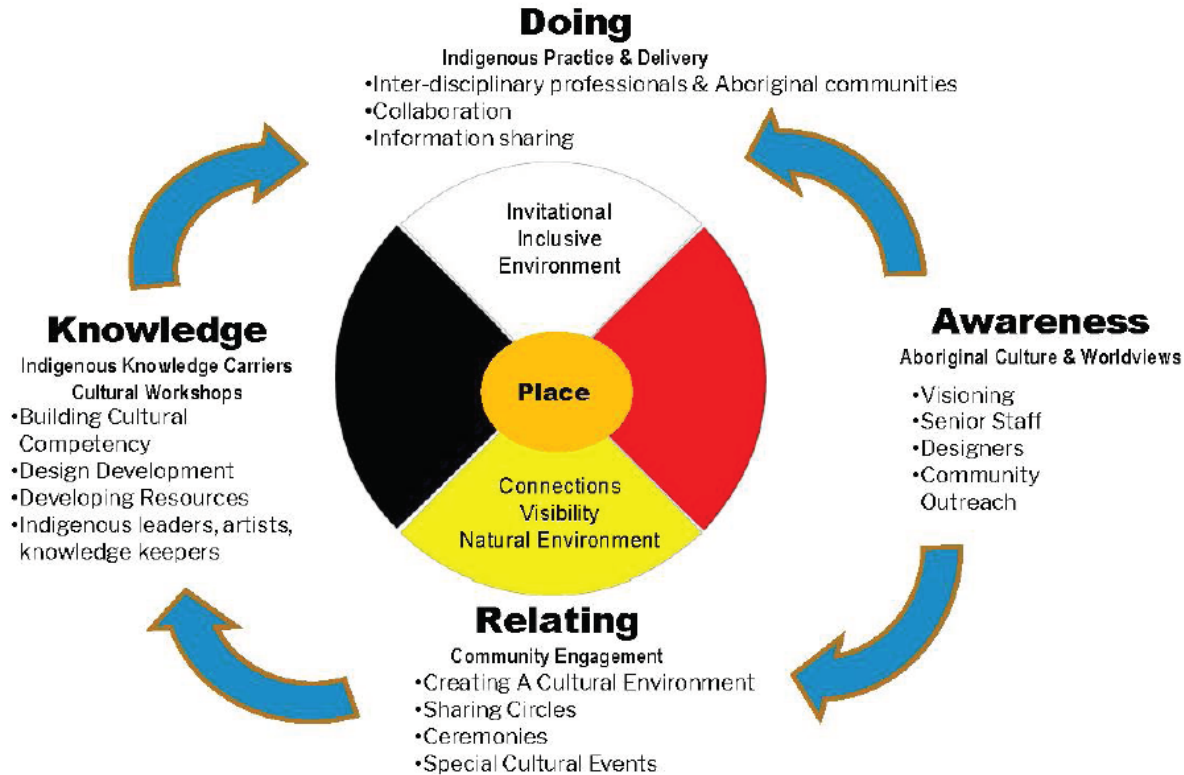
Cherry Street North Bridge Arriving This Fall



Partnership with Mississaugas of the Credit First Nation

- This year we signed a Memorandum of Understanding with the Mississaugas of the Credit First Nation (MCFN)
- Provides terms and conditions for identifying potential opportunities for collaboration between MCFN and Toronto related to waterfront revitalization
- The MOU includes:
 - Regular Working Group meetings
 - Opportunities for collaboration on other initiatives and special projects
 - Active engagement in public realm design for PLFP
 - Has led to adding Indigenous Design Support and Engagement on MVVA's team

Indigenous Design Consultation Process



Four Directional Cultural Framework

Community Engagement Schedule

First Nation groups:

- Rama
- Beausoleil/ChiMnissing
- Georgina Island
- Alderville
- Scugog

8/25 Site Visit

9/11 Cultural Safety Training

9/8, 9/9, 9/16, 10/21 Community Engagement Meetings



MinoKamk Collective, WT and ED at PLFP Site

Initial Community Engagement

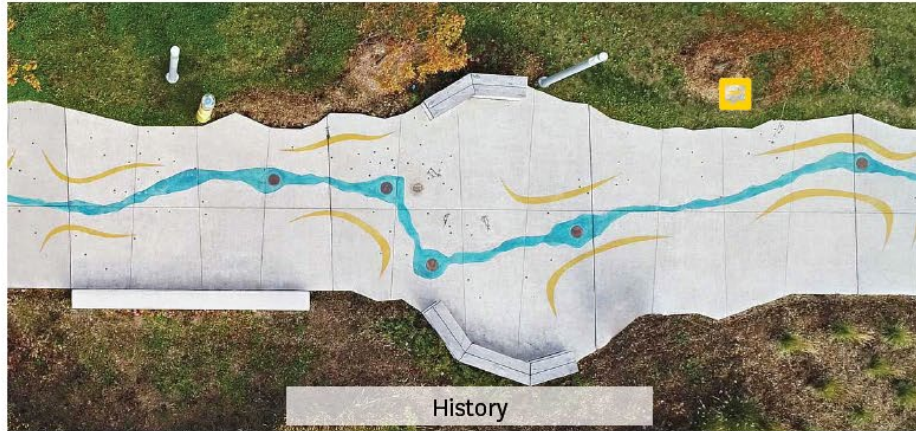


Questions for the Indigenous Community Meetings:

1. Historical Information - What major historical events or milestones could be included throughout the site or at specific areas?
2. Cultural markers in the landscape - What creative/artistic work would you recommend in relation to a contemporary land acknowledgement (visual examples of cultural markers will be provided)
3. Community celebration spaces - What type of gathering space could be incorporated into the project?
4. Indigenous plants - Are there specific Indigenous plants that you think could be restored/included?
5. Animal life - What animals would you like to see incorporated into the overall artistic and creative vision of the project? I.E.: Clan symbols? Sculptures?
6. Landscape features - Can you recommend public inclusive spaces that would highlight water, stone features? What would that look like?
7. Identity - What Indigenous languages/narratives do you think might be incorporated?



Initial Design Approaches



Herb Sweeny, MVVA

Port Lands Flood Protection & Enabling Infrastructure Stakeholder Advisory Committee Meeting #8

Prepared for Waterfront Toronto
October 22, 2020

Michael Van Valkenburgh Associates, Inc.
Landscape Architects

Project Feedback

Design Review Panel

- Find a role for **public art** within the design
- Develop signage and way-finding
- Create a family of materials and furnishings
- **Consider future conditions** in and around the park, such as the catalyst building and urban massing
- Future-proof the design to **accommodate fluctuating lake levels**
- **Study event programming** at the central lawn
- Develop **park operations** and programming
- Choreograph **winter programming and character**
- Consider unique engagement opportunities between park visitors and site ecology
- Create an **inventive, bio-diverse, and daring planting strategy**
- **Strongly integrate remnants** of industrial and natural heritage
- Provide renderings of the Esplanade
- Develop the character of Destination Play

Community (Survey + Consultations)

- Feeling immersed in nature comes from ability to wander while discovering new views or un-manicured vegetation
- **Variation of landscape and ecology** was noted as “nice to have”
- People expressed a desire for **clear information about access points** (lighting and signage indicating formal paths)
- Emphasis on **views and variety of landscape types**
- **Create views of Inner Harbour and City**
- **All season use** support winter programming
- Facilitate public water activities and **connections/access to the water**
- **Integrate history** through preserving local heritage and culture (adaptive reuse, art)

SAC Meeting #7 - May 28, 2020

- The adventurous, all-ages design for the River Valley Park North **play area is exciting, appreciative of the wildness that has been kept there**
- The park design, promontory and the MT-35 Commemoration elements, are **exciting and appropriate for the site context**
- Wayfinding and interpretive signage are creatively thought out. This is a good **opportunity to incorporate Indigenous history or culture, and information about natural species and habitats.**
- **Concern about management of sediment** after it is dredged from the river, especially the smell if it is stock piled on land

Promontory Park South and River Valley Park North/South - Updated Design



Promontory Park South and River Valley Park North/South - Updated Design



Orchestrating a Complete Ensemble

Promontory Park South

- Event Lawn & Plaza
- Harbour Esplanade
- Marine Terminal 35 Building Commemoration
- Promontory
- Atlas Crane Peninsula
- Entry Plaza
- Destination Play Area (Contingent on Fundraising)

River Valley Park North and South

- Commissioners Street Edge
- Nature Play Area
- Picnic Area
- Picnic Lawn
- Dog Off Leash Areas
- Entry Plaza with Indoor Amenities at FH-30
- Future Polson Street Edge
- Bike Bridges

Park Wide Features

- Gathering Areas
- Art
- Wayfinding and Signage
- Site Furnishings, Lighting and Materials
- Operations and Maintenance
- Planting

Promontory Park South

Promontory Park South - Updated Design



Event Lawn, Plaza and Esplanade - Promontory Park South



View From Harbour Promenade Looking South Towards Toronto Islands



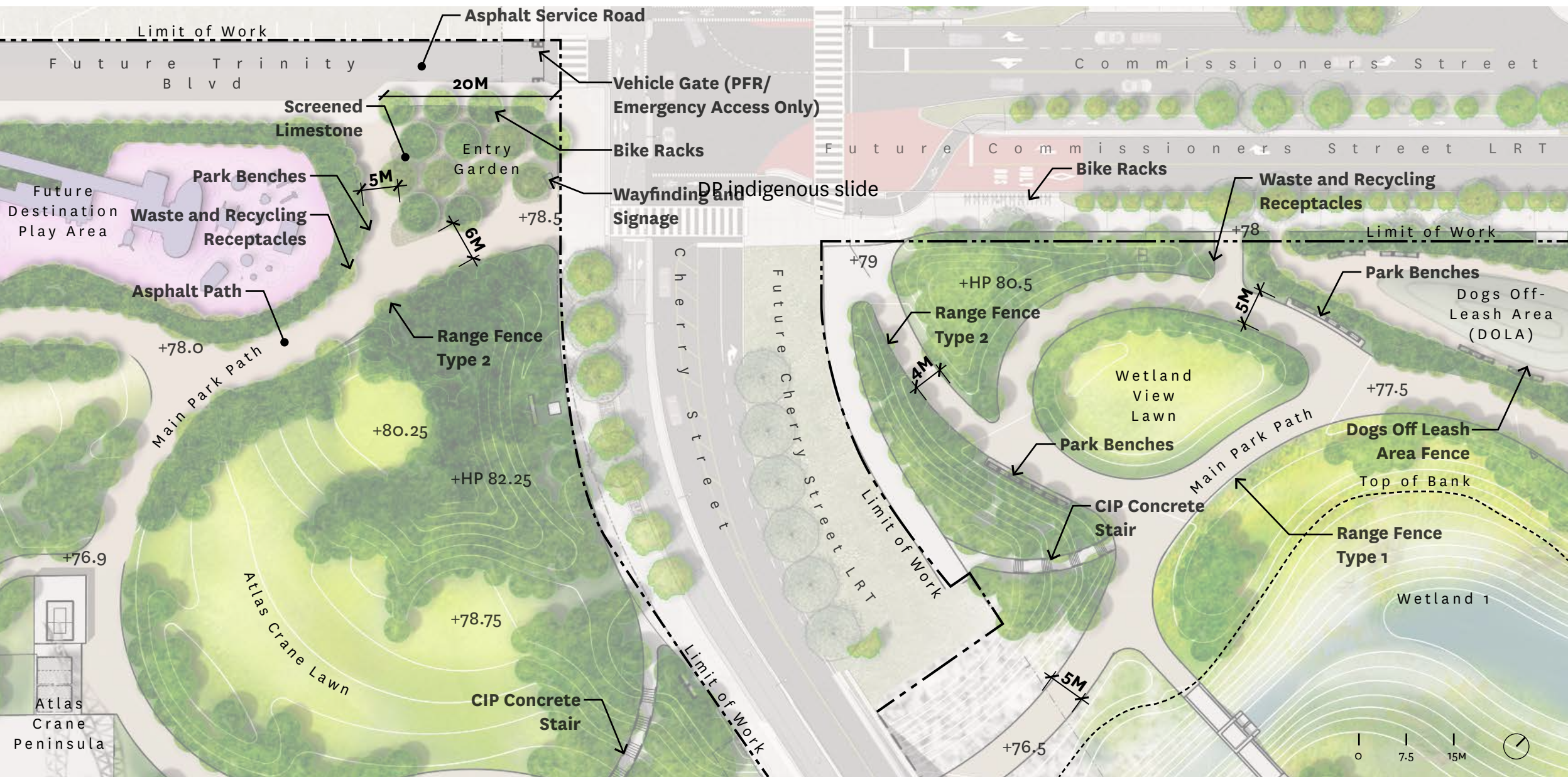
Promontory - Bird's Eye View



View from Polson Slip Overlook looking Northwest to Harbour Promontory



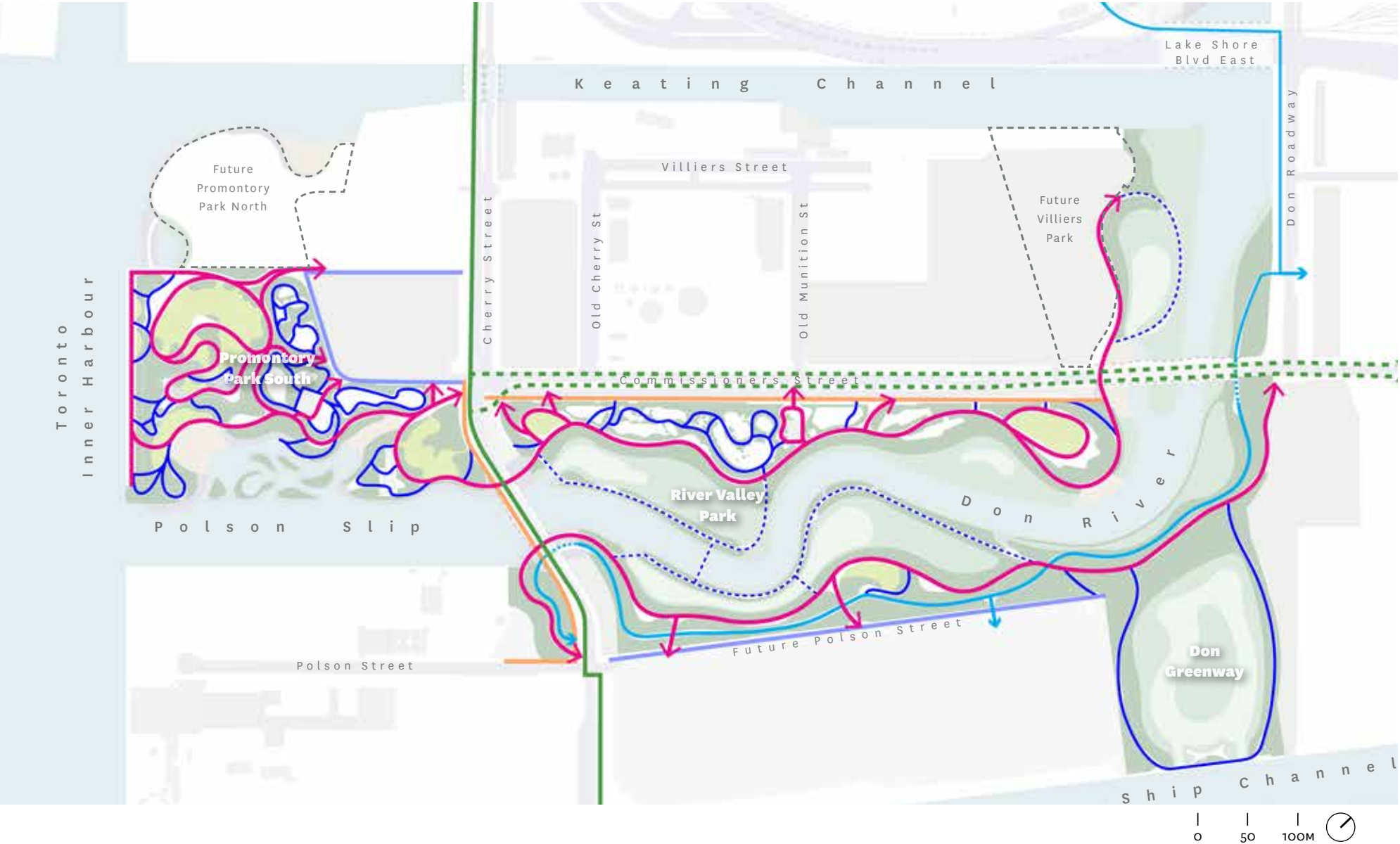
Park Entrances at Cherry Street - Promontory Park South



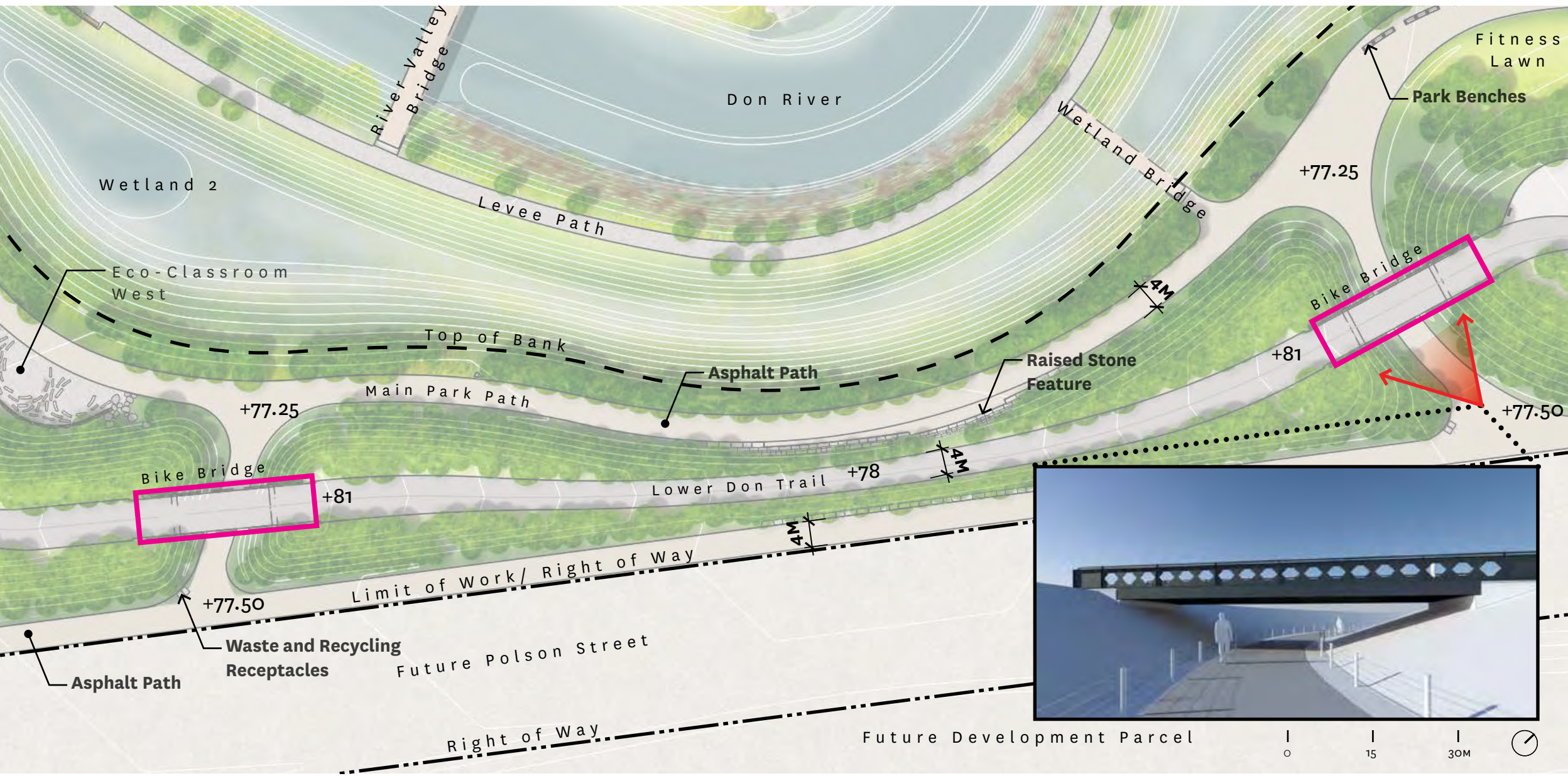
River Valley Park North and South

An Integrated Network of Paths and Trails

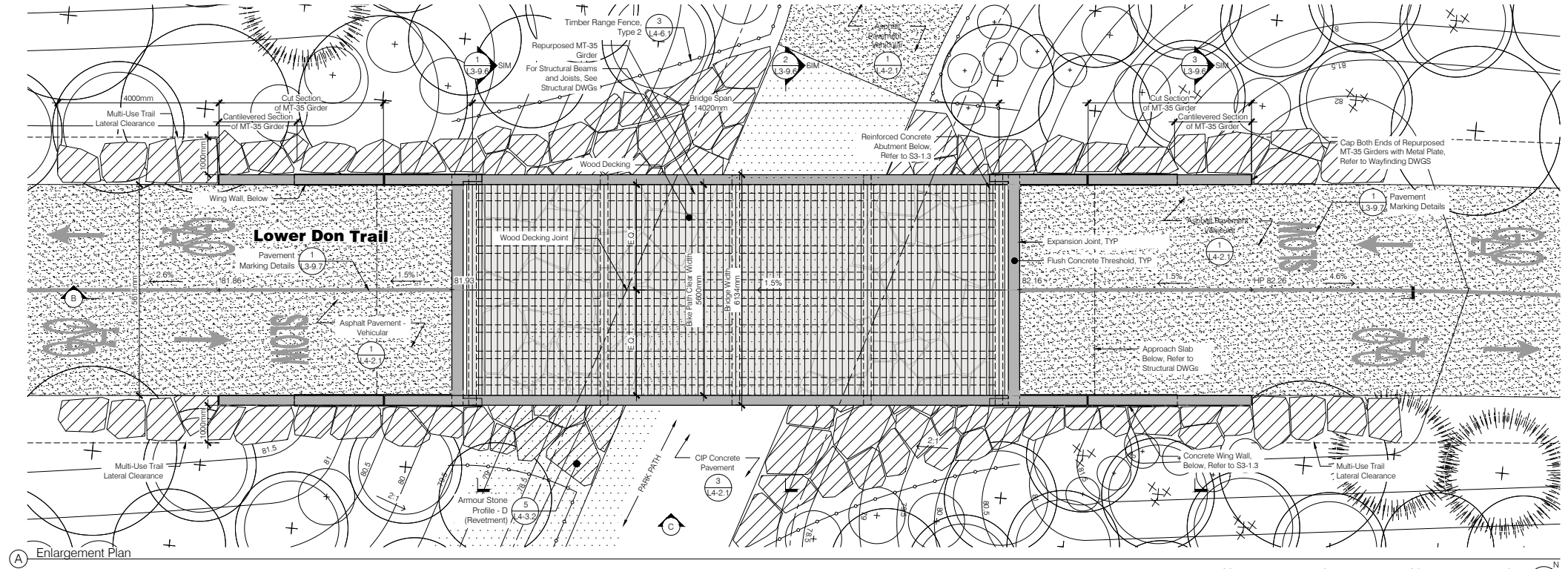
- Main Park Path: 4-6m
- Secondary Park Path: 2-3m
- Recreational Trails: 2.8m
- Lower Don Trail: 3.6m
- Commuter Bike Lane: 2m
- Martin Goodman Trail: 4m
- Interim Paths: 4m
- City Sidewalks: 3-5m



River Valley Park South Main Entrances - Enlargement plan



RVPS West Bike Bridge - Current Design



This diagram illustrates the cross-section of a bridge structure. Key components and dimensions include:

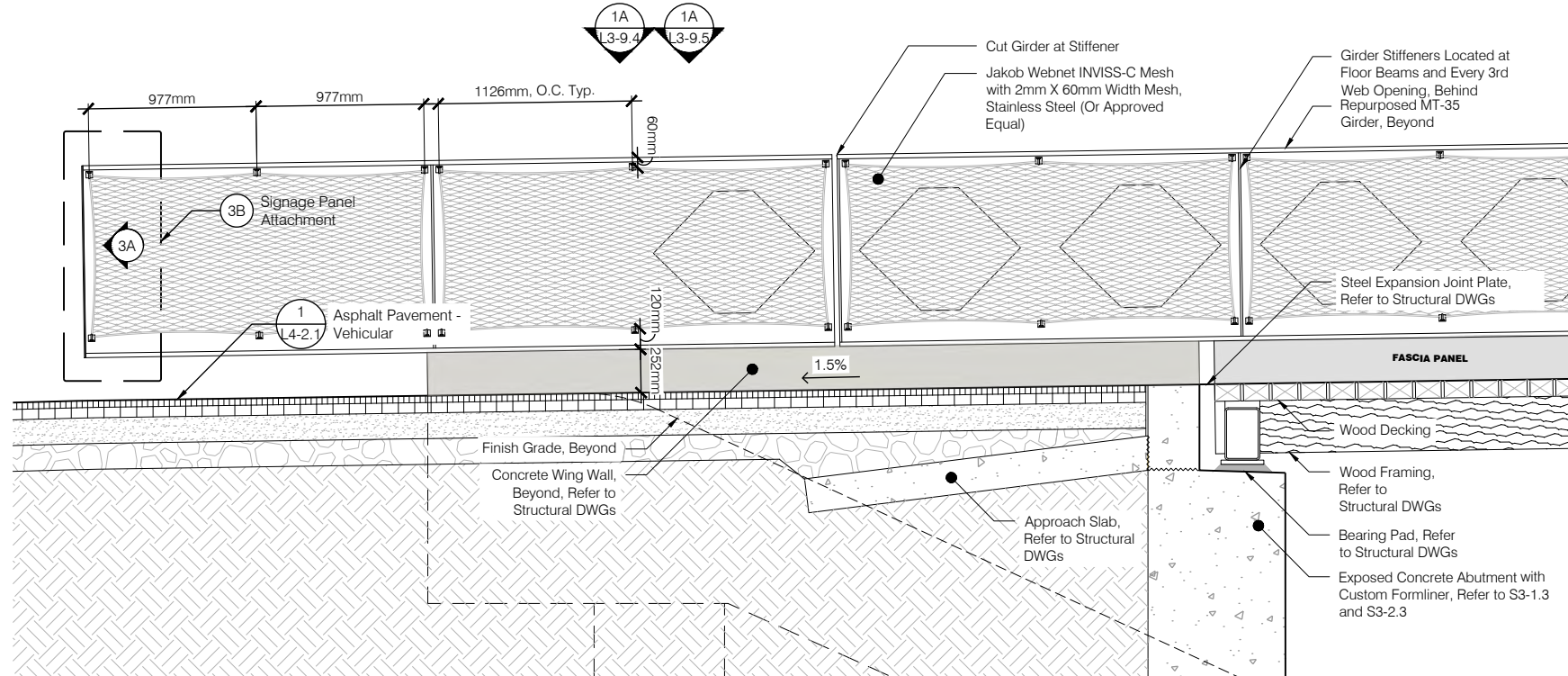
- Dimensions:** 2026mm, 2324mm, 2324mm, 2026mm.
- Labels and Callouts:**
 - 1 Asphalt Pavement - Vehicular (L4-2)
 - 2 Bike Bridge Guardrail (L3-9.5)
 - Repurposed MT-35 Girder, Behind
 - Cap Both Ends of Repurposed MT-35 Girders with Metal Plate Refer to Wayfinding DWGS
 - 1 Asphalt Pavement - Vehicular (L4-2)
 - HP 82.26
 - 4.6%
 - 1.5%
 - 82.16
 - 1.5%
 - 81.93
 - 81.86
 - Concrete Abutment with Custom Formliner on Exposed Surfaces, TYP. Refer to Structural DWGS
 - Armour Stone Profile - D (Retrofit) (L4-3.2)
 - 2:1
 - Clearance 3000mm, MIN
 - 79.47
 - 3 CIP Concrete Pavement (L4-2)
 - Type L6 Light, Refer to Lighting DWGS
 - Field Cut Stone at Abutment
 - Stone at Swale (L3-9.5)
 - 2:1
 - Approach Slab, Refer to Structural DWGS
 - Finish Grade, Beyond
 - Concrete Pile Foundation, Refer to Structural DWGS
 - Subgrade Fill

The diagram illustrates a cross-section of a bridge structure. Key components and materials include:

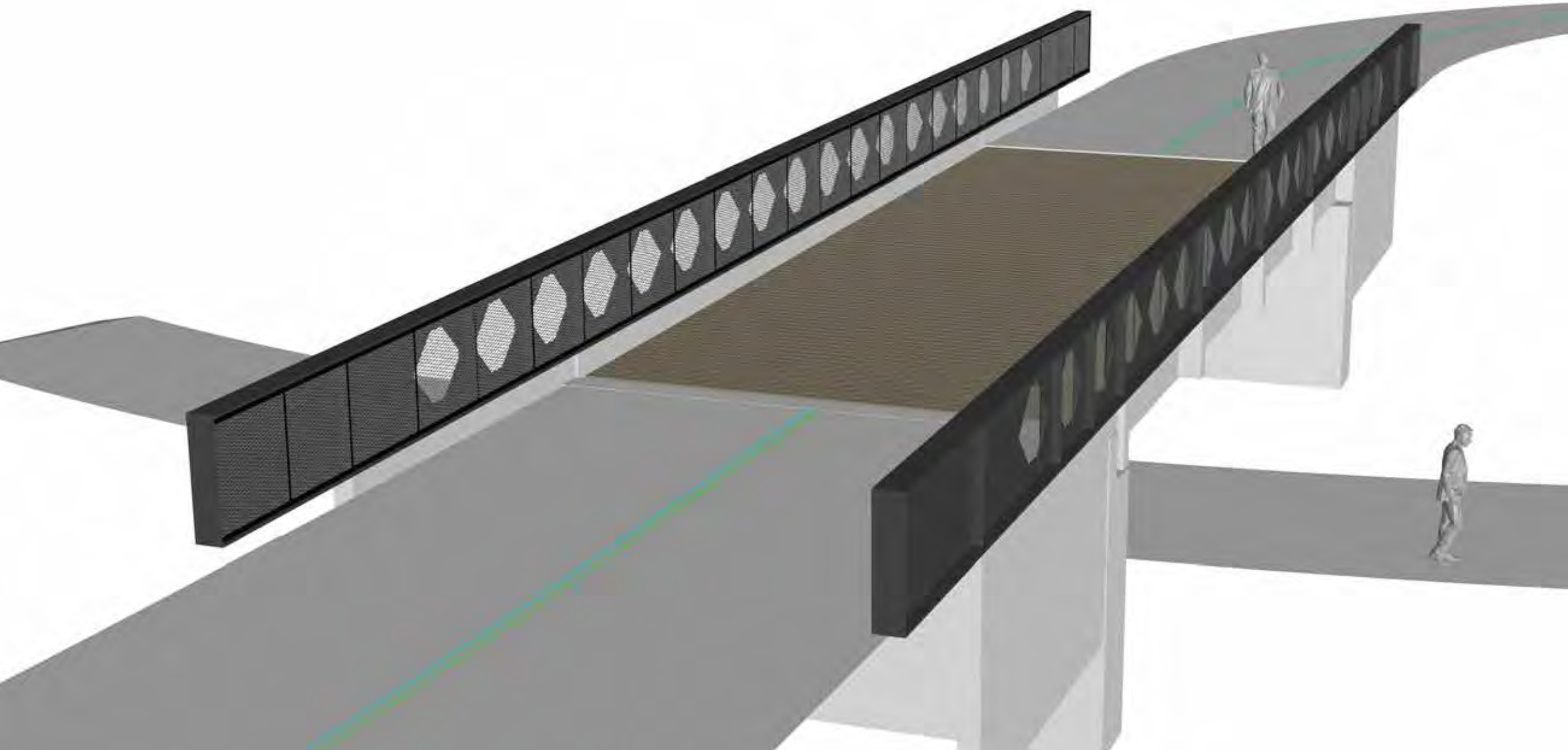
- Top Structure:** Consists of several panels labeled A, B, and C with dimensions (e.g., Panel A: 2026mm, Panel B: 2324mm, Panel C: 3493mm). It features cut girders at stiffeners, girder stiffeners required at bearings, and girder stiffeners and floor beams every 3rd web opening.
- Deck and Stiffeners:** Includes cut girder at stiffener, repurposed MT-35 girder, and cap both ends of repurposed MT-35 girders with metal plate, refer to wayfinding DWGS.
- Substructure and Foundation:** Shows concrete abutment with custom formliner on exposed surfaces, TYP. Refer to Structural DWGS. The foundation includes concrete pile type 1 and concrete pile type 2 foundations, refer to S3-1.4.
- Drainage and Slopes:** Features a fascia panel, armour stone profile - D (Revetment), stone at swale, and a 2:1 slope. A clearance of 3000mm, MIN is indicated.
- Materials and Finishes:** Includes Type L6 Light, Beyond, Refer to Lighting DWGS, CIP Concrete Pavement, and Subgrade Fill.

1 River Valley Park South Bike Bridge A
Scale: 1:50

RVPS West Bike Bridge -Current Design



RVPS West Bike Bridge -Current Design



View From Cherry Street Entrance Looking Southeast into River Valley Park North



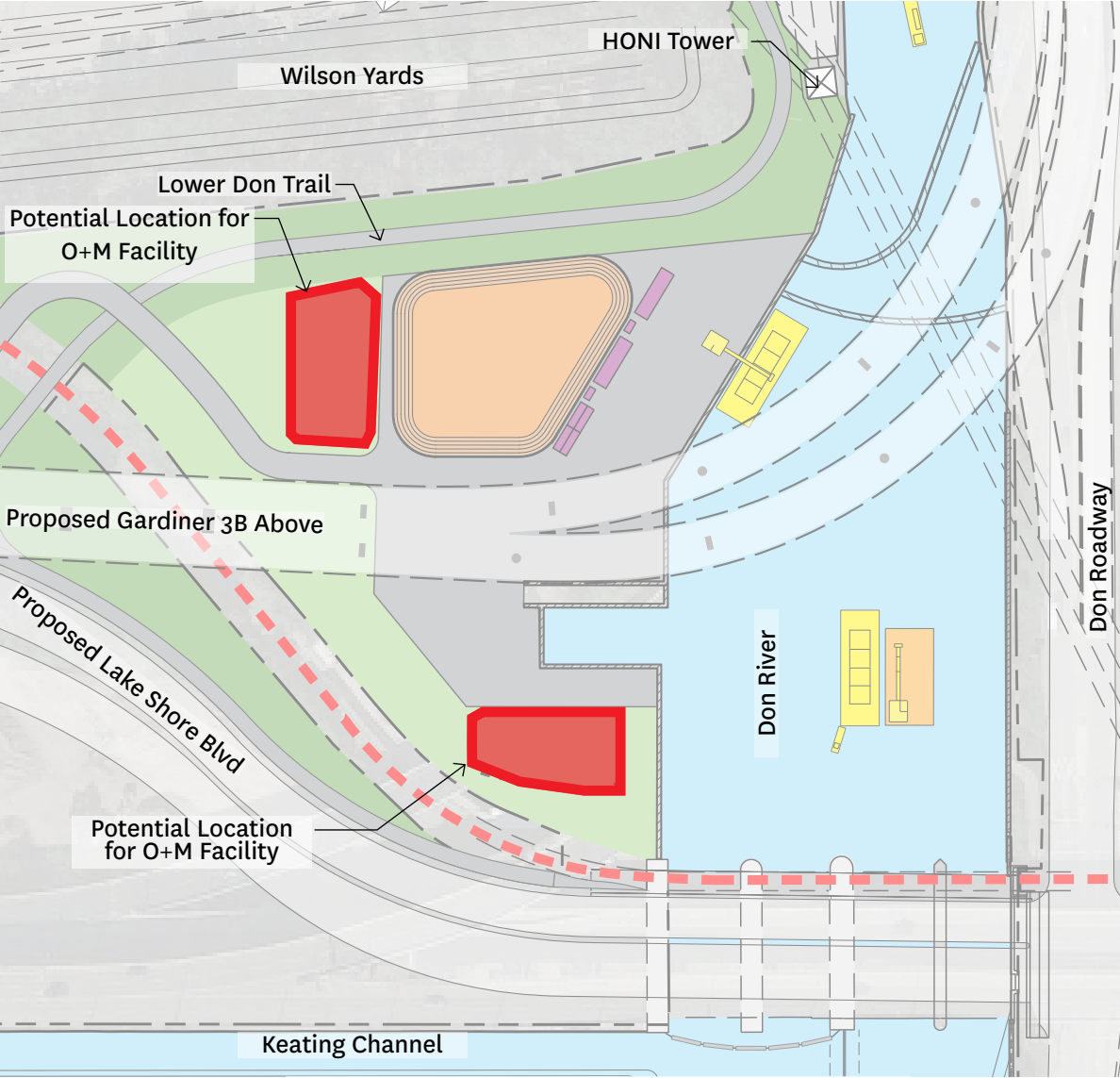
View from Commissioners Street Looking Southeast to Fire Hall 30 Plaza



Planning for Future Operations and Maintenance Needs



2024



Full Vision



River Valley Park North - Updated Design



Nature Play Area - Plan



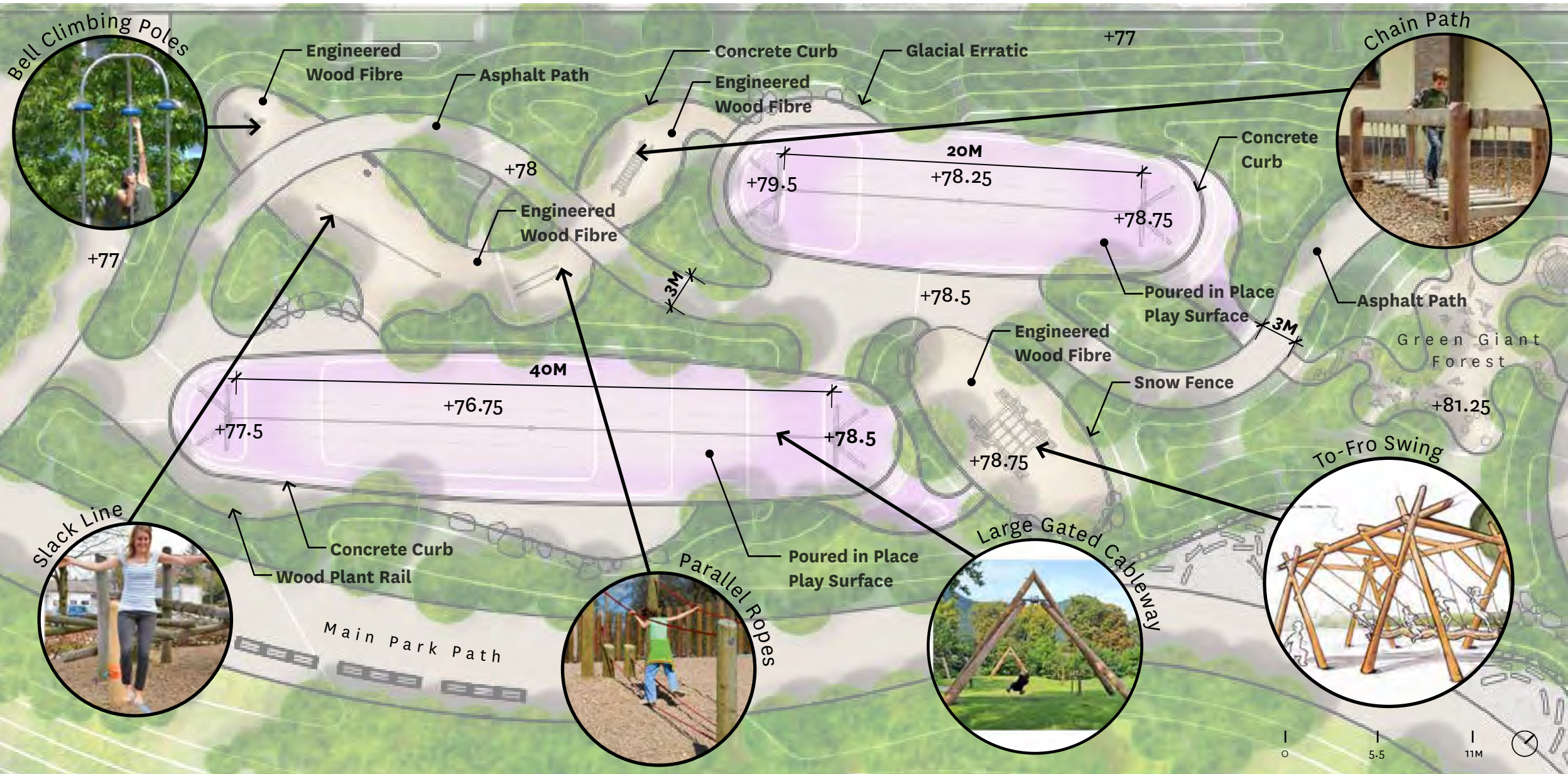
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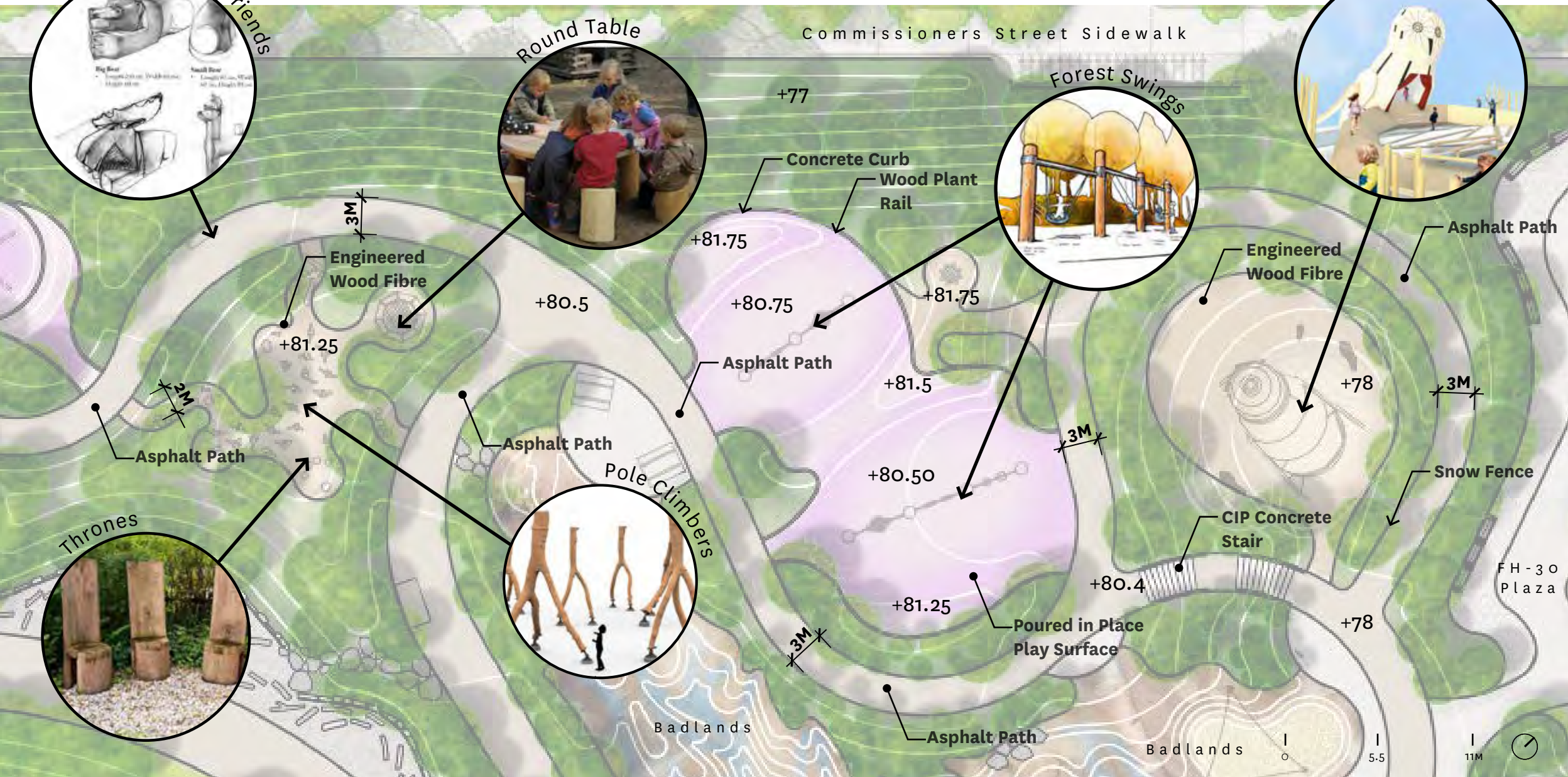
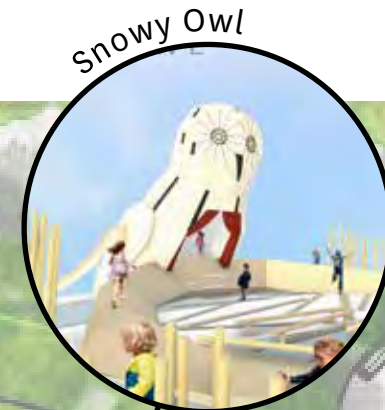
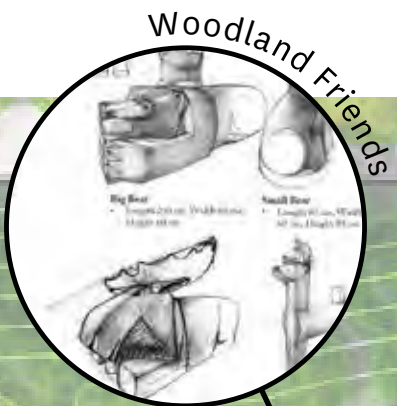
34M



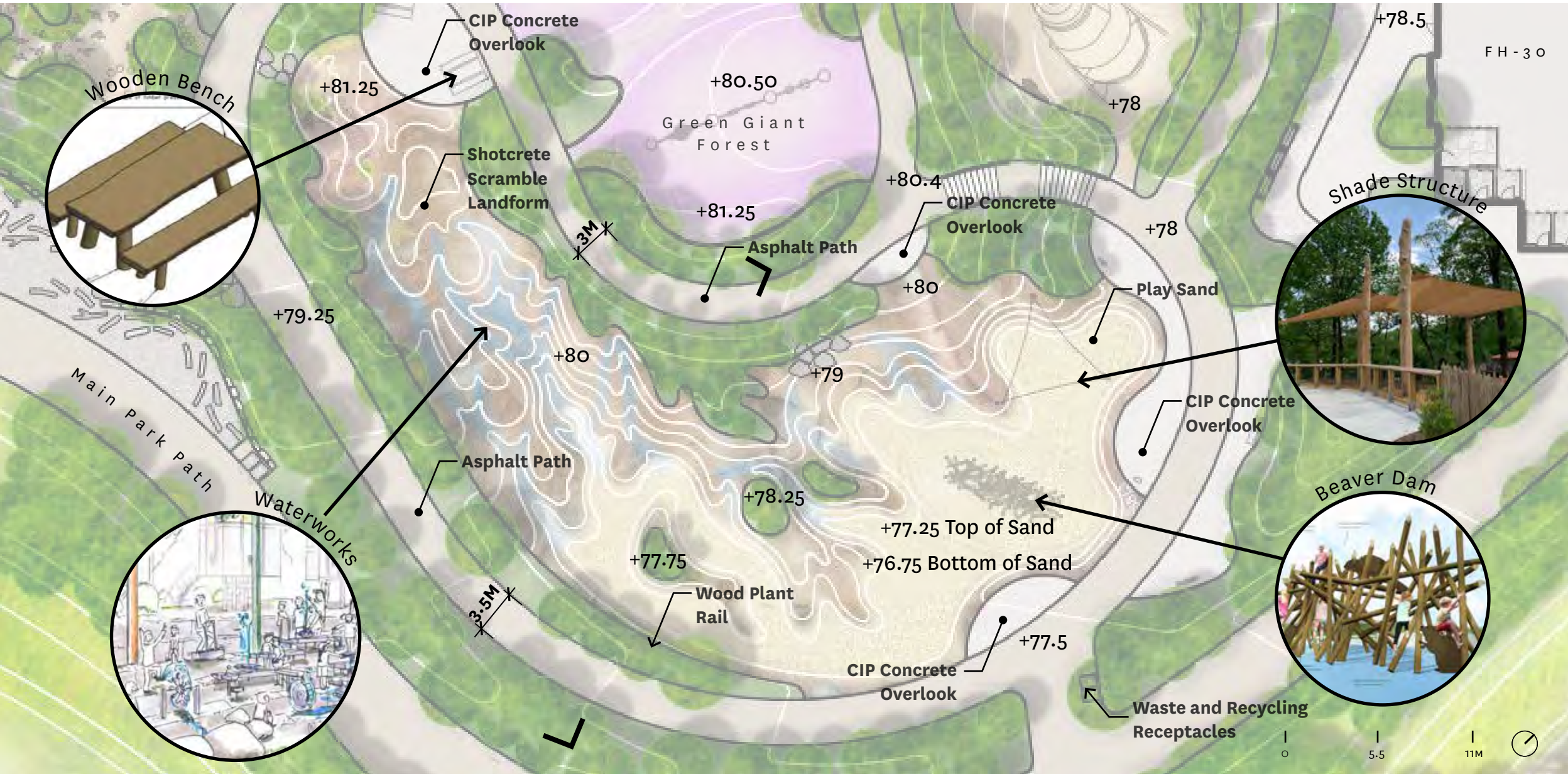
Cableway Canyon - River Valley Park North



Green Giant Forest - River Valley Park North



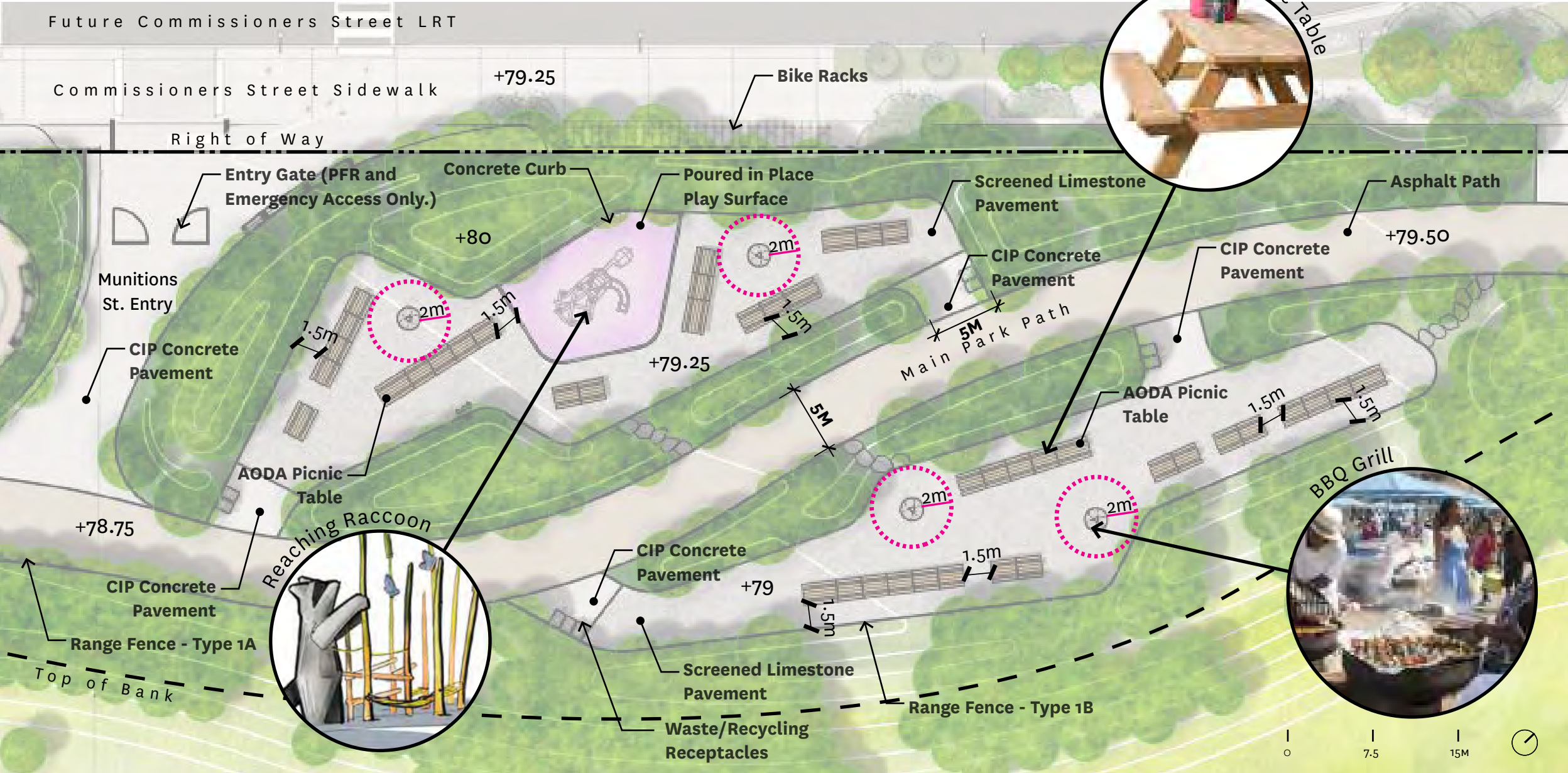
Badland Scramble - River Valley Park North



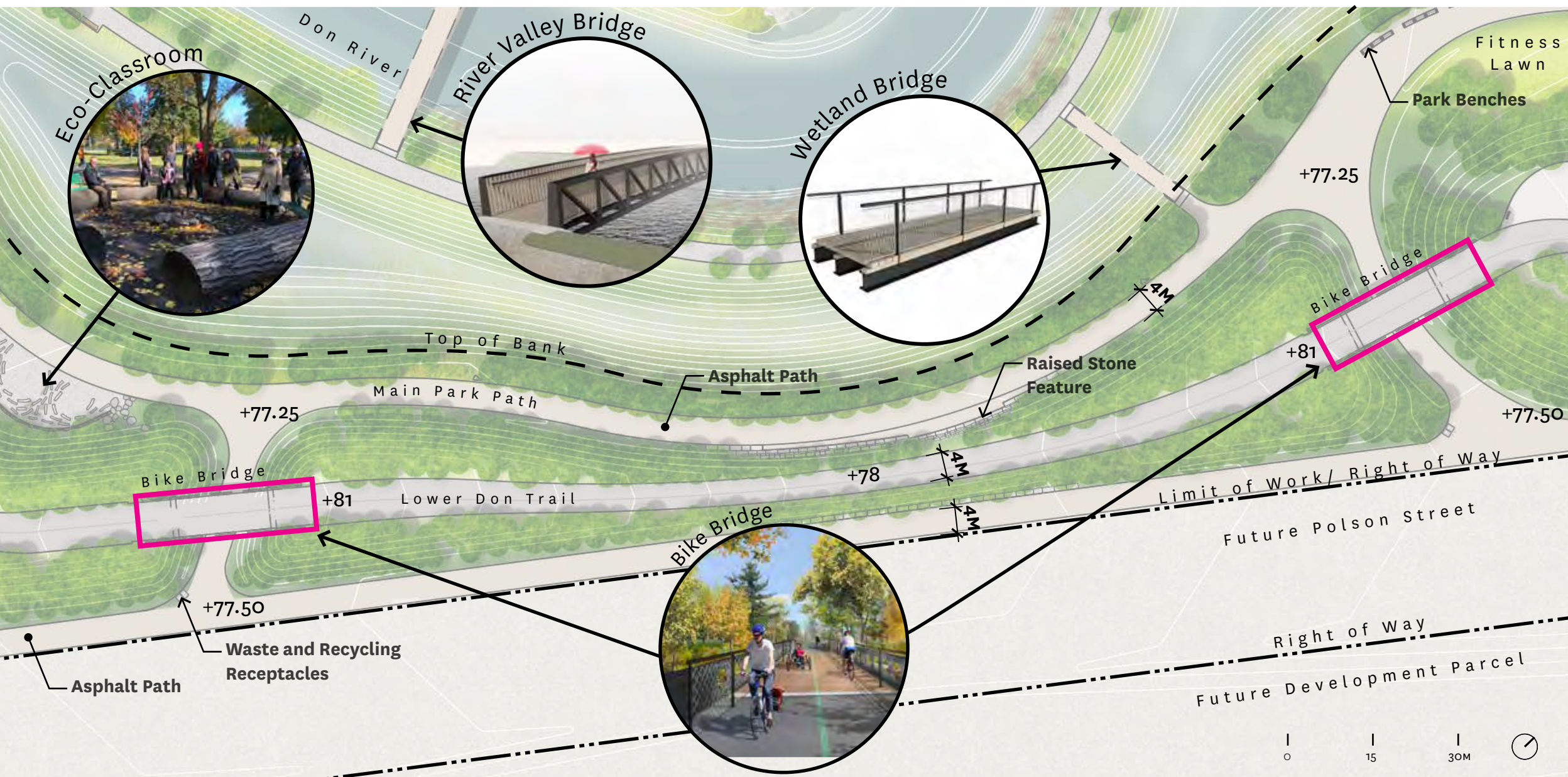
Picnic Terraces and Picnic Lawn - Plan



Picnic Terrace - River Valley Park North



River Valley Park South Main Entrances - River Valley Park North



High Lake Level Analysis

PLFP - Mean Lake Level (74.74 CGVD:28 Pre 78)



PLFP - 100 Year High Lake Level (76.09 CGVD:28 Pre 78)



PLFP - 100 Year High Lake Level - Available River Crossings (76.09)



Water Surface Elevation - 76.09 CGVD:28 Pre 78

Available Pedestrian River Crossing

Available Cyclist River Crossing



Planting a Forest Frame

Park Planting Zones- Diagram

- Garden
- Grove
- Glade
- Hedgerow
- Mixed Forest
- Lawn



Planning for Planting Evolution Over Time

Handoff: 2024

Stage 1 - Initial Development



5-9 Years

Stage 2 - Early Closed Canopy



10-20+ Years & Beyond

Stage 3 - Mature Canopy



View from Cherry Street Park Entrance looking Southwest towards Canoe Cove



View from River Valley Park South Lawn looking West Towards Promontory Park South



Discussion

Discussion
(Will be edited out of
public presentation)

- Does this design address previous comments and feedback from the SAC?
- Do you have any concerns about the final design for parks and public realm?