

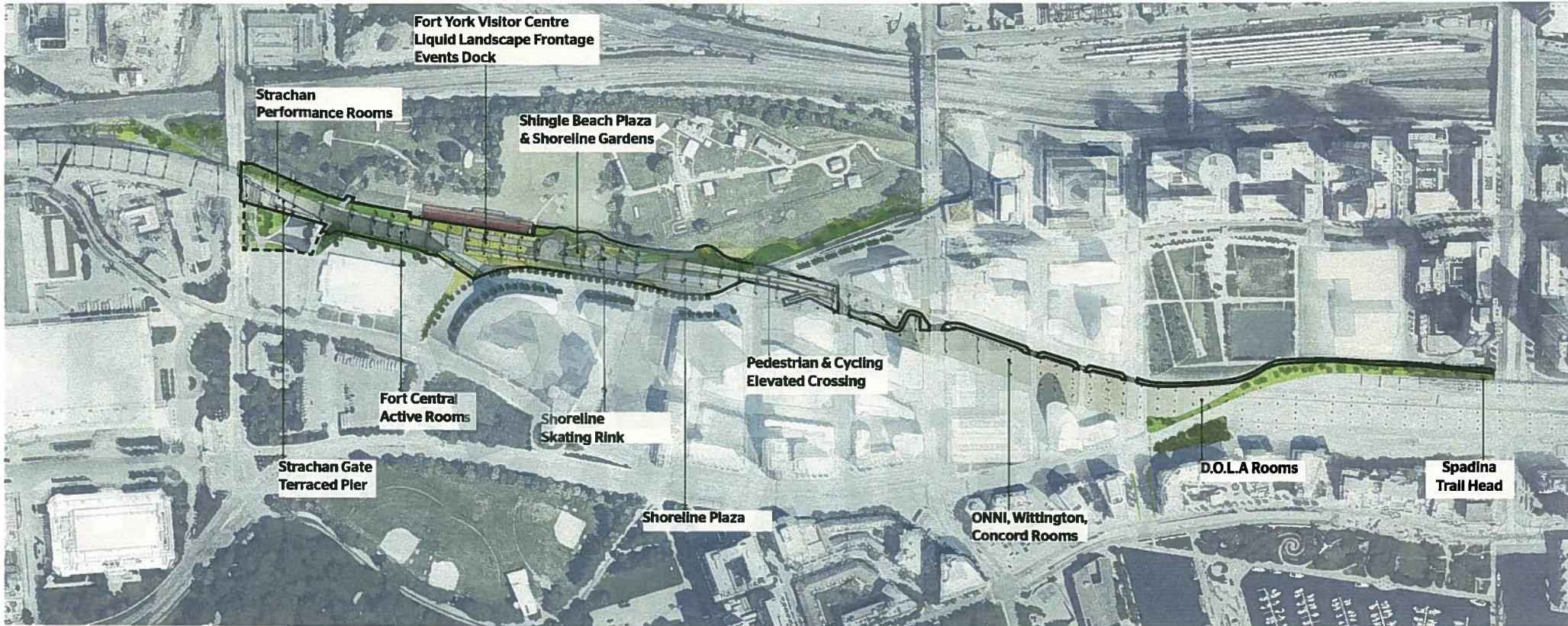
PROJECT: UNDER GARDINER

DESIGN REVIEW PANEL UPDATE

2016.07.20

DRAFT

MASTER PLAN - Core Project



Bents 38-52

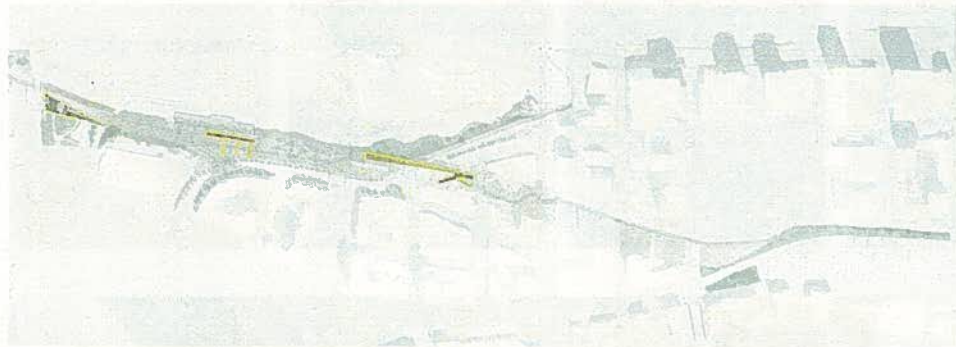
West Edge
Creative Action Hub

Bents 53-97

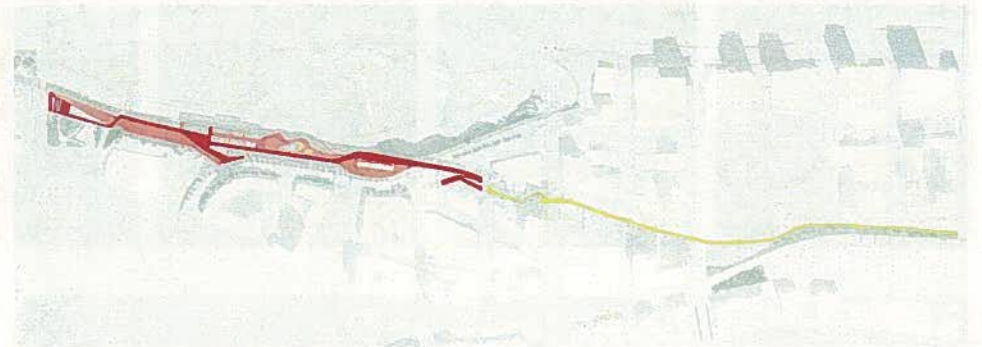
Fort Central
Programmed Landscape

Bents 98-118

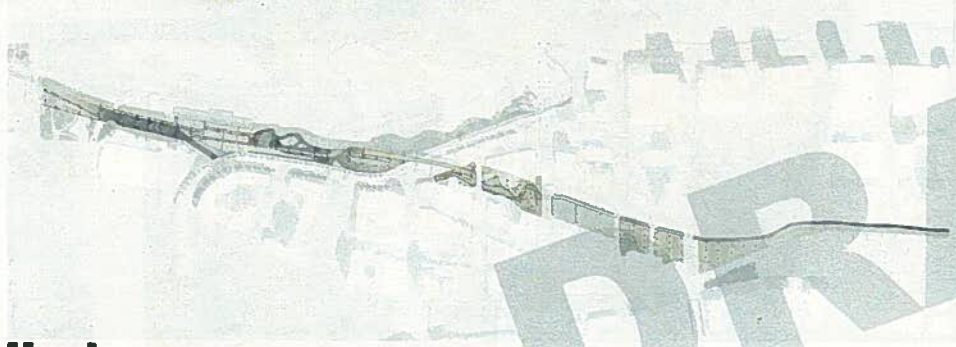
East Community
Community Link and Amenities



Iconic Infrastructure



Trail Connection



Hardscape



Softscape



Skating



Program and Supports

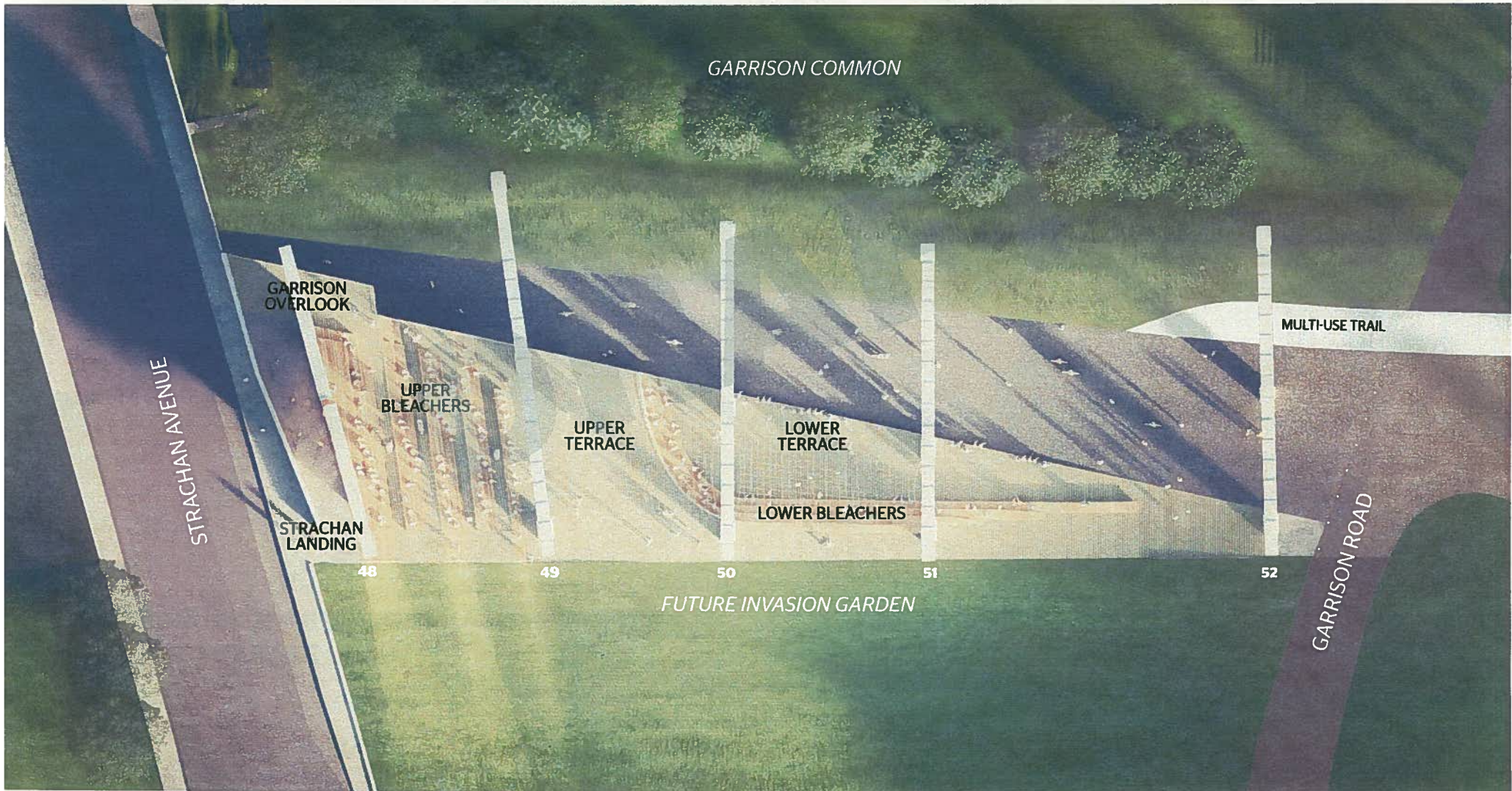
MATERIAL PALETTE
Amplifying what we found and what was here



MATERIAL PALETTE
Amplifying what we found and what was here



WEST EDGE
Strachan Gate



GARRISON ROAD

LOWER TERRACE

LOWER BLEACHERS

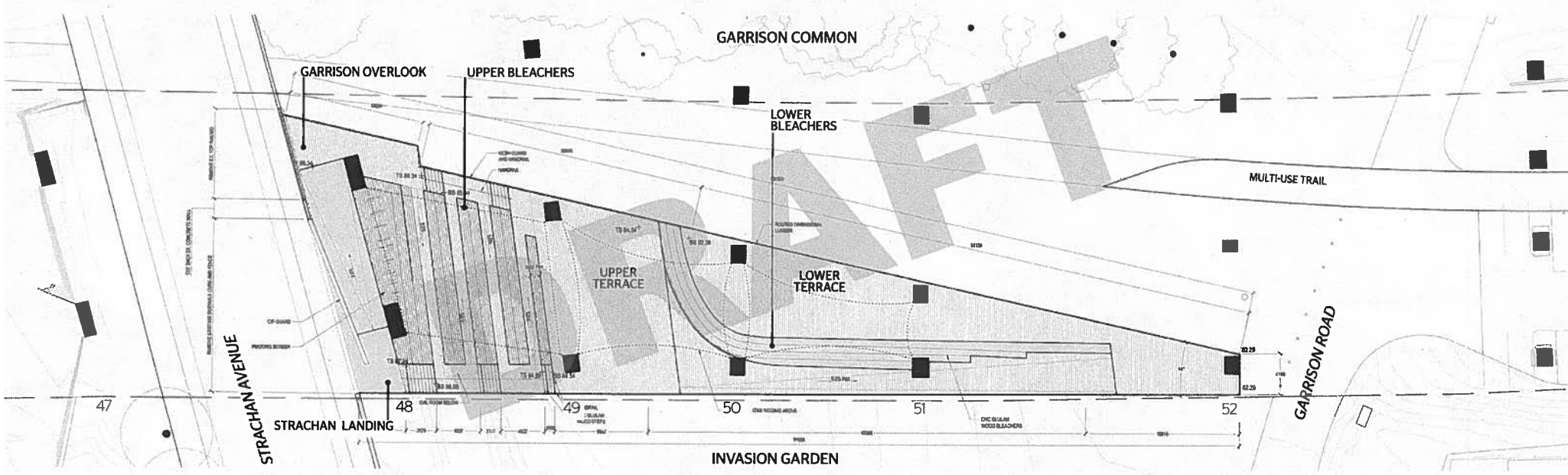
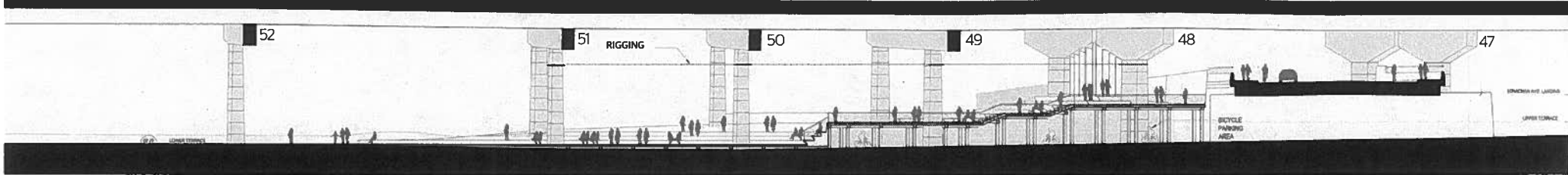
UPPER TERRACE

UPPER BLEACHERS

GARRISON OVERLOOK

ENTRANCE RAMP

STRACHAN AVENUE



STRACHAN AVENUE

ENTRANCE RAMP

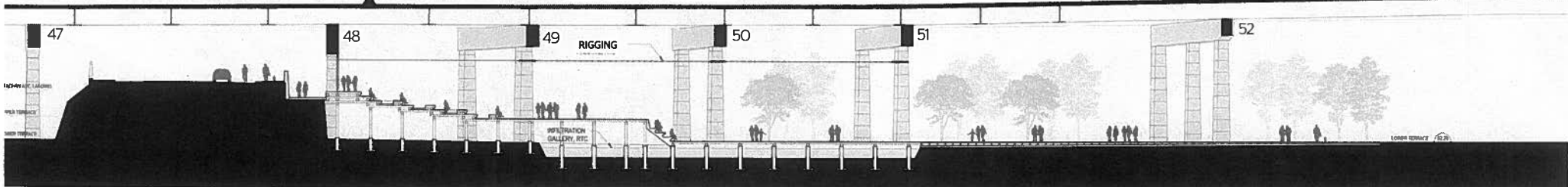
UPPER BLEACHERS

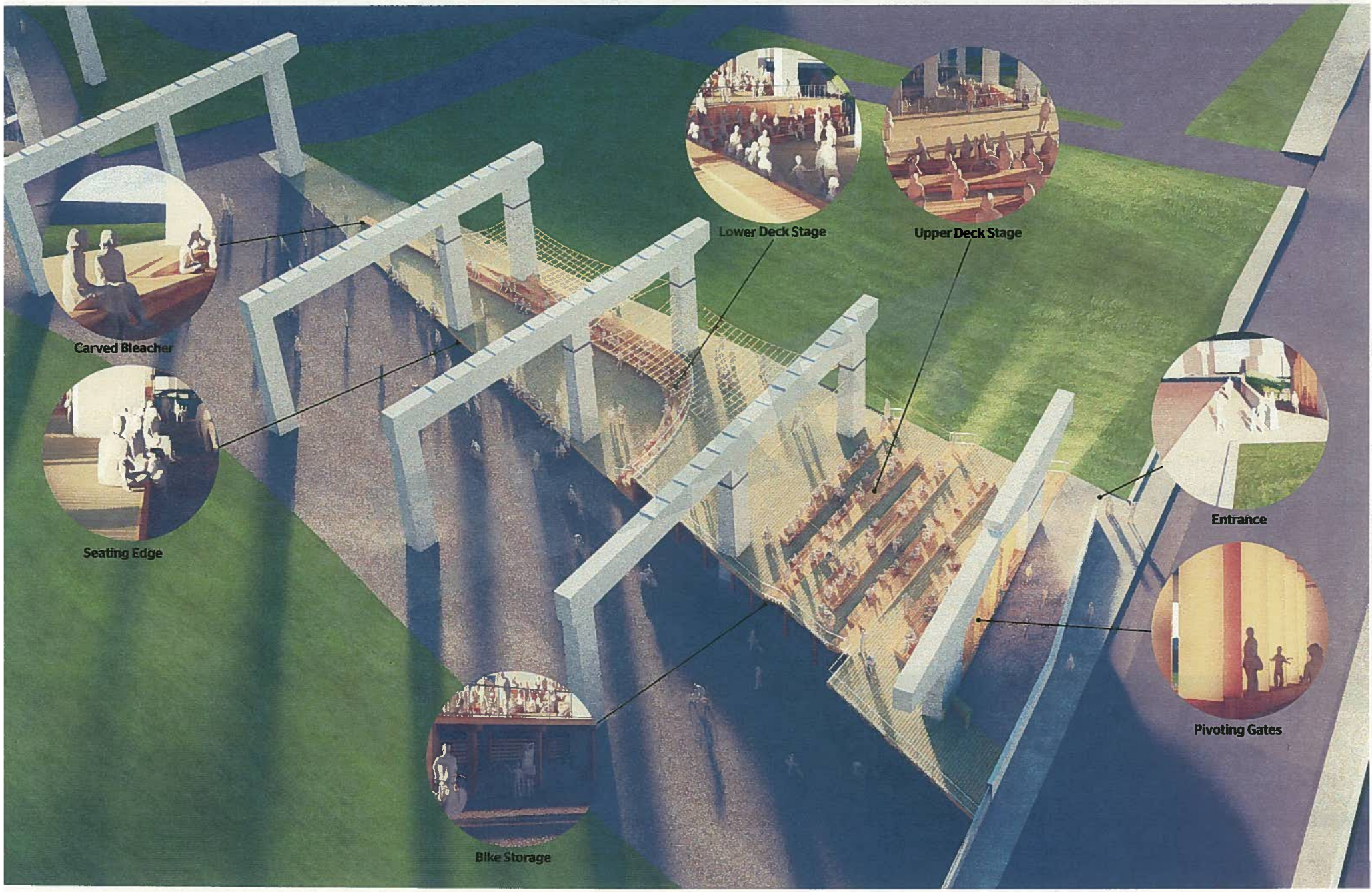
UPPER TERRACE

LOWER BLEACHERS

LOWER TERRACE

GARRISON ROAD





Lower Deck Stage



Upper Deck Stage



Carved Bleacher



Seating Edge



Entrance

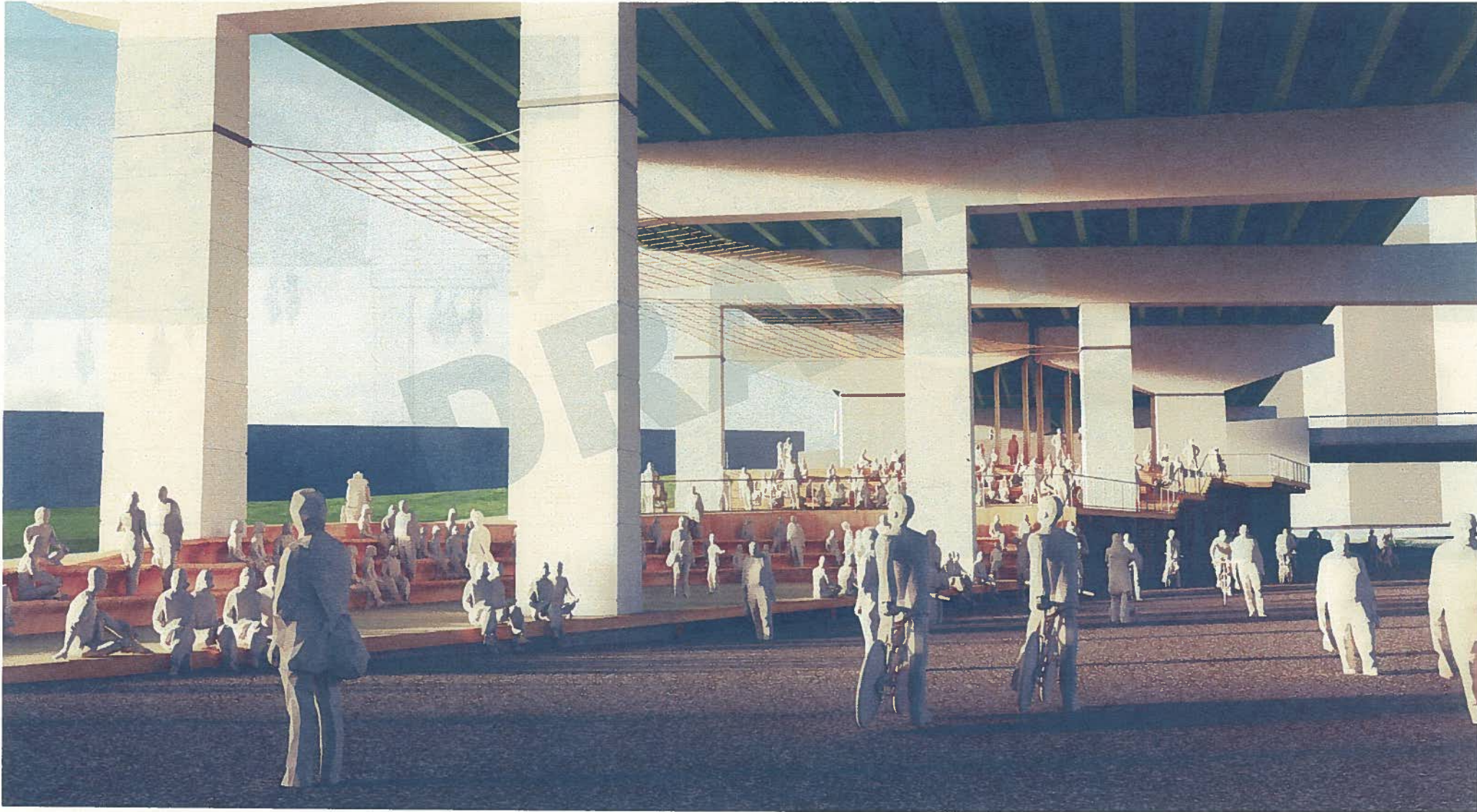


Pivoting Gates

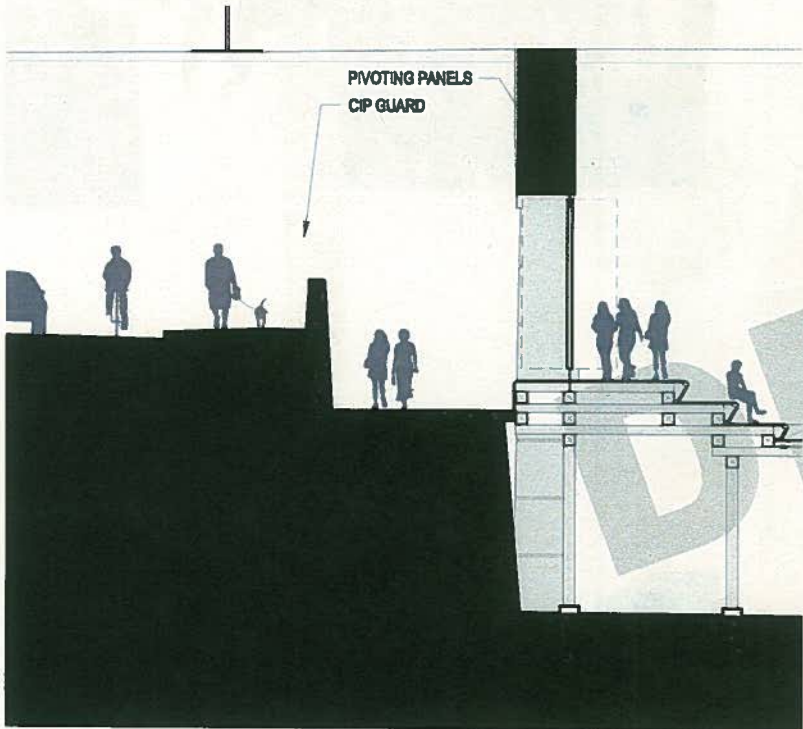


Bike Storage

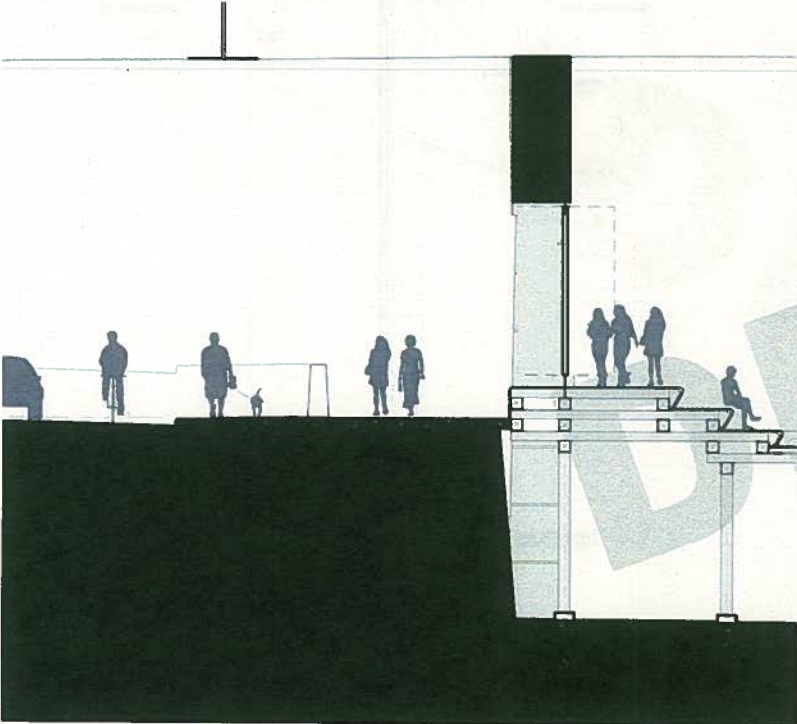
STRACHAN GATE TIMBER PIER



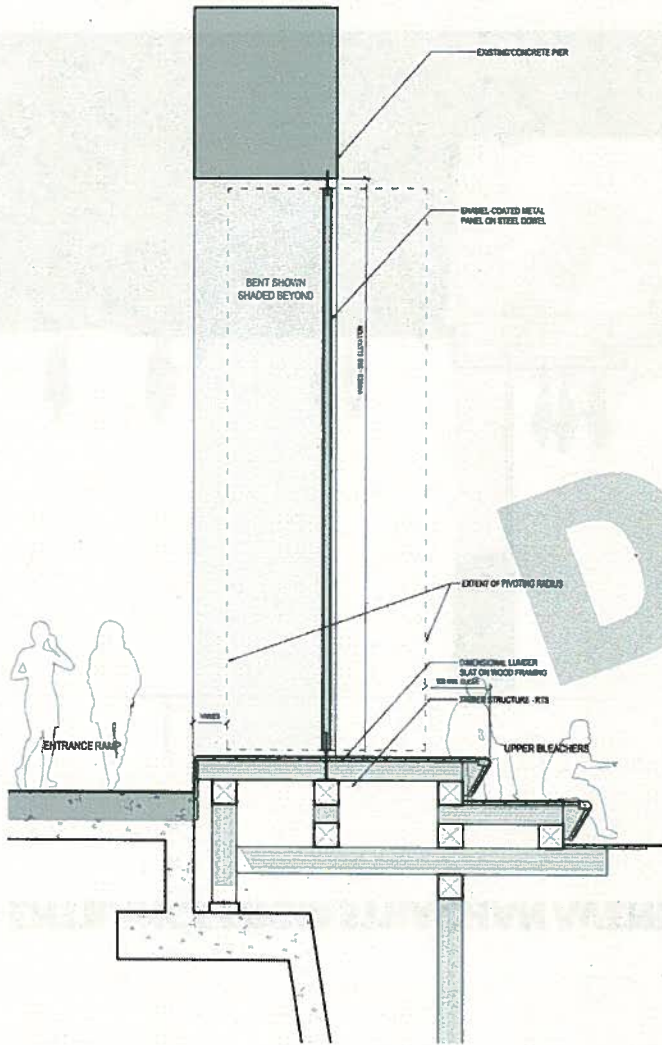
ENTRANCE FROM STRACHAN AVENUE - FROM NORTH



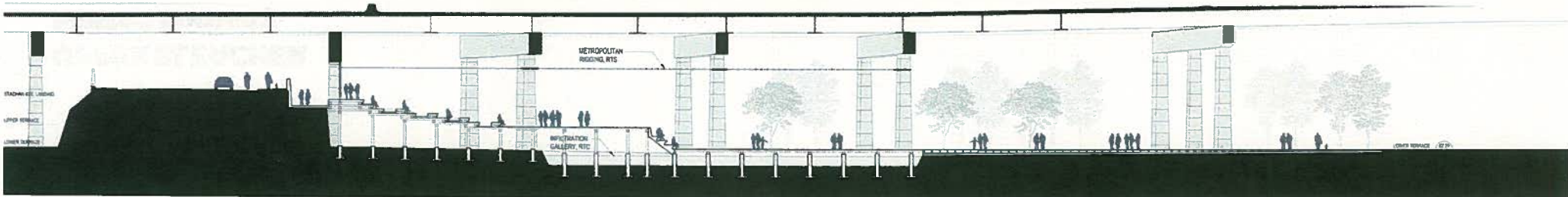
ENTRANCE FROM STRACHAN AVENUE - FROM SOUTH



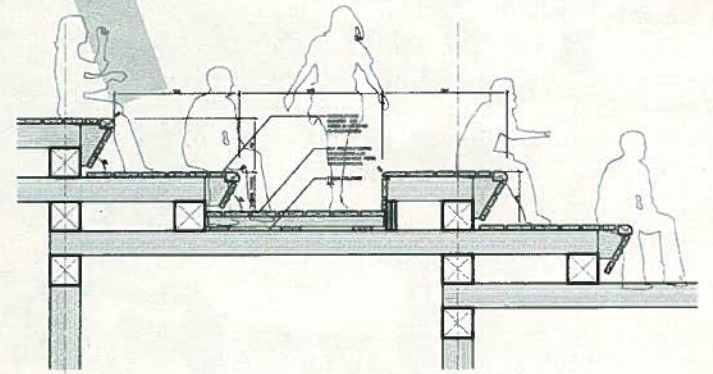
PIVOTING PANELS AT STRACHAN GATE



UPPER BLEACHERS & UPPER TERRACE

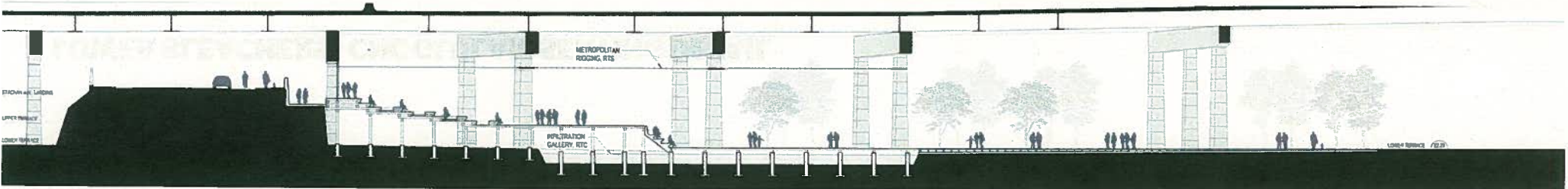


UPPER BLEACHER Slatted Porosity

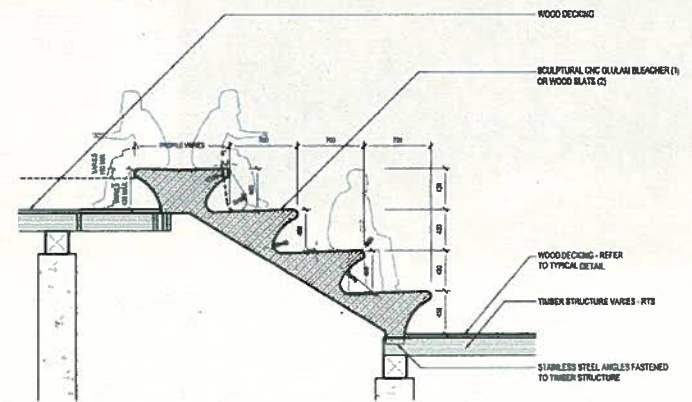
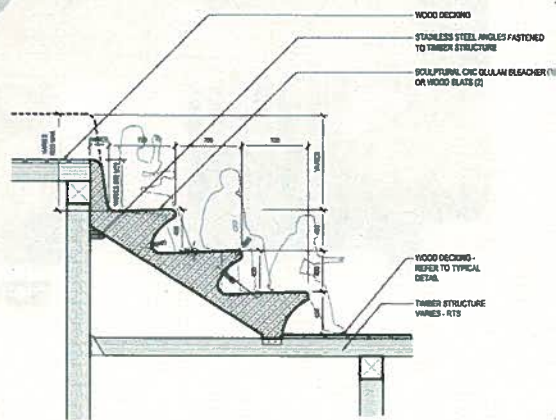
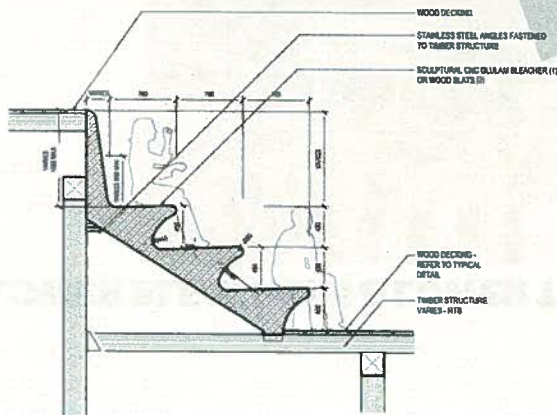
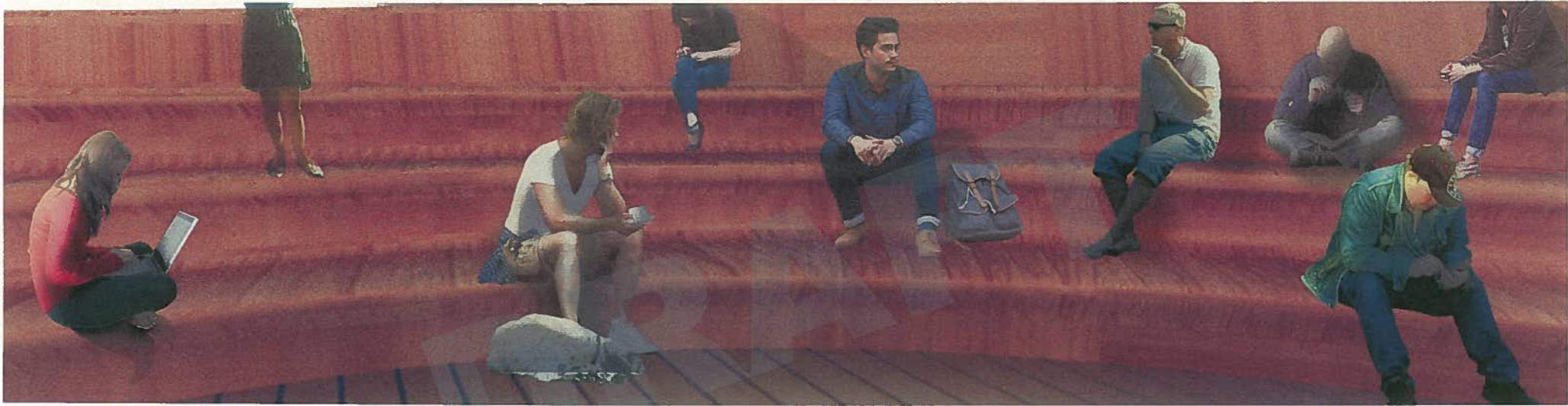


ENGINEERED BY STEVEN HERRICK & PARTNERS LLP

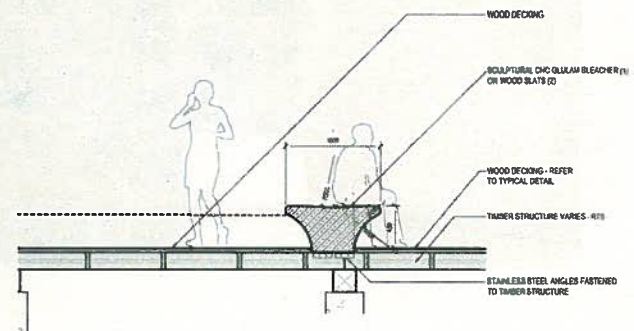
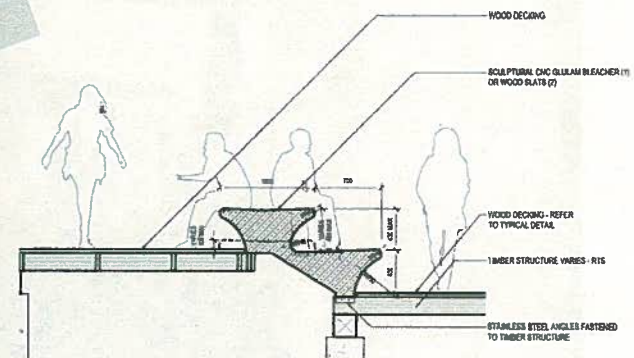
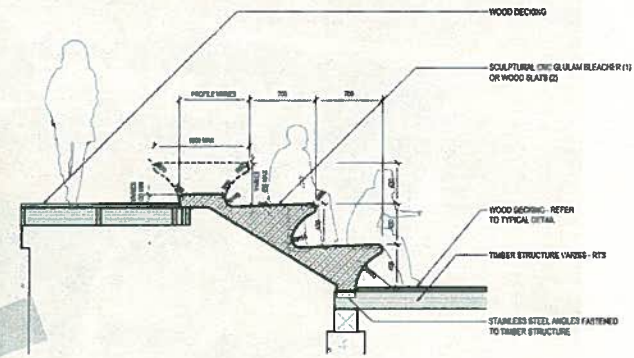
LOWER BLEACHERS & LOWER TERRACE



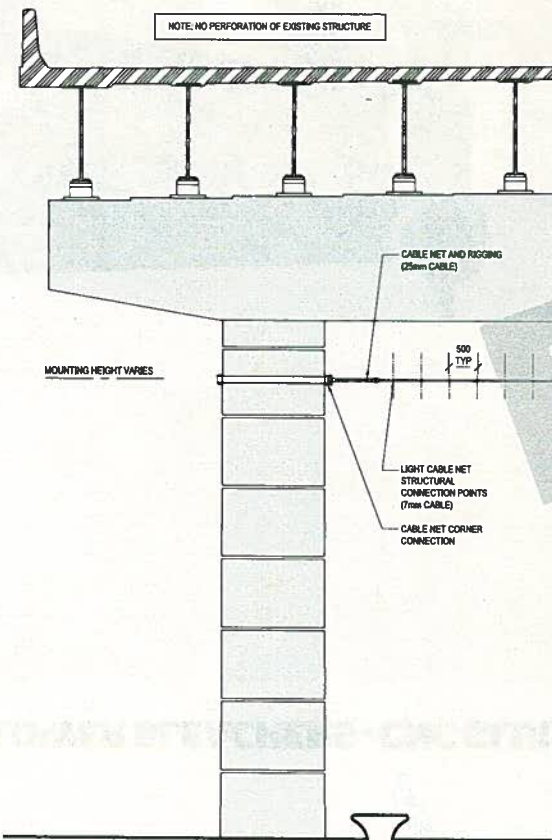
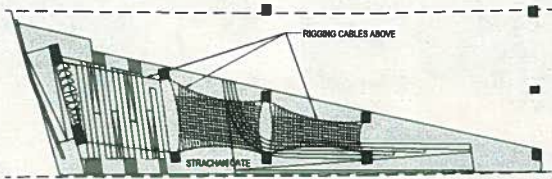
LOWER BLEACHERS - CNC GLULAM SEATING DETAIL



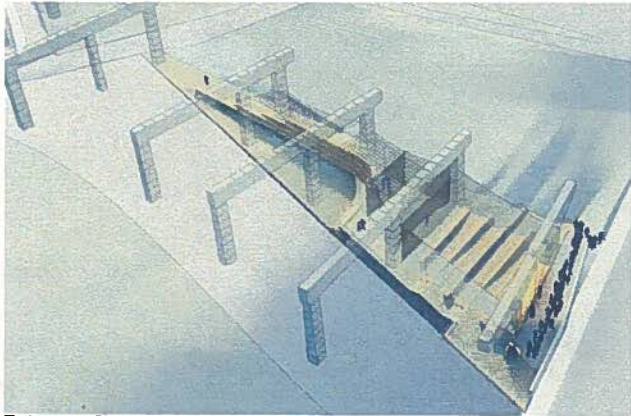
LOWER BLEACHERS - CNC GLULAM SEATING DETAIL



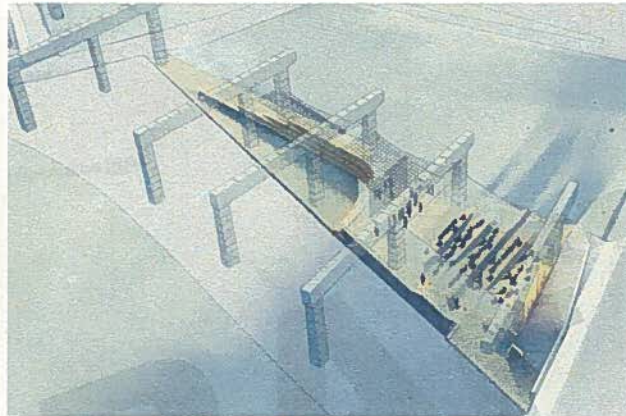
PERFORMANCE RIGGING



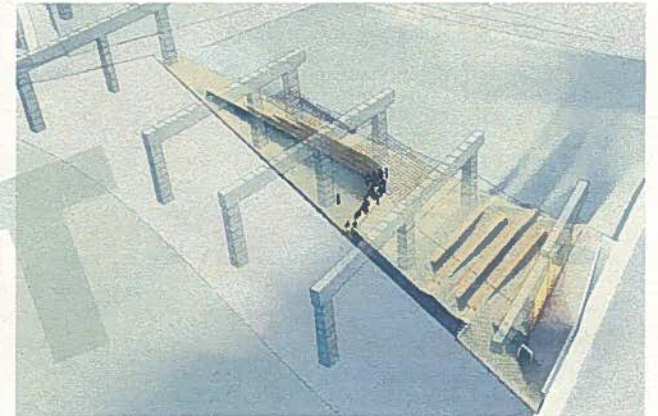
FLEXIBLE PERFORMANCE SPACE



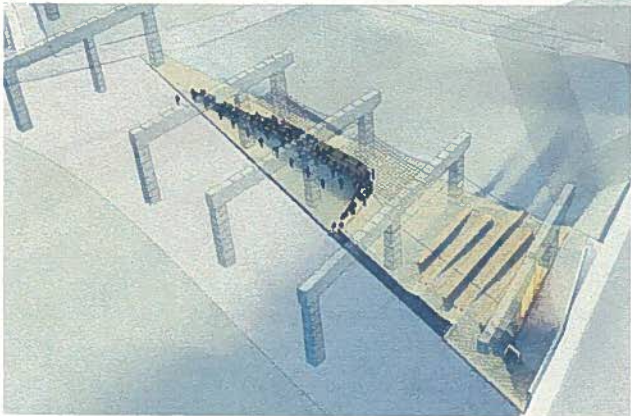
Entrance Queue



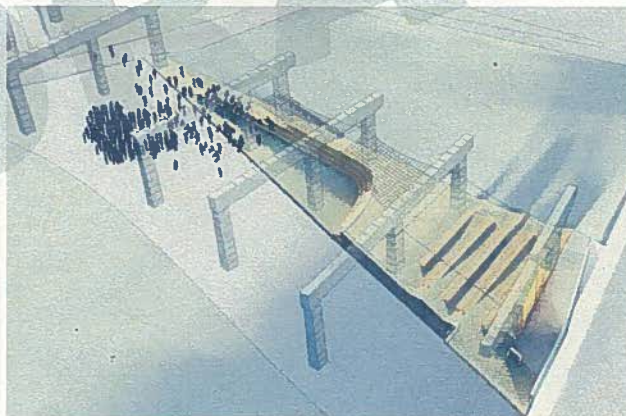
Enclosed Upper Deck Performance



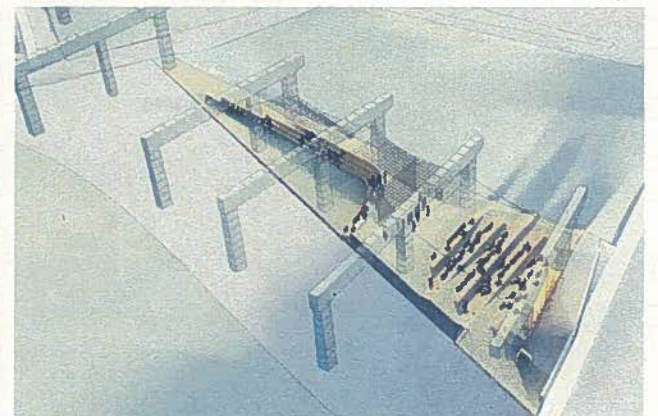
Small Lower Deck Performance



Lower Deck Catwalk



Bent 52 Performance



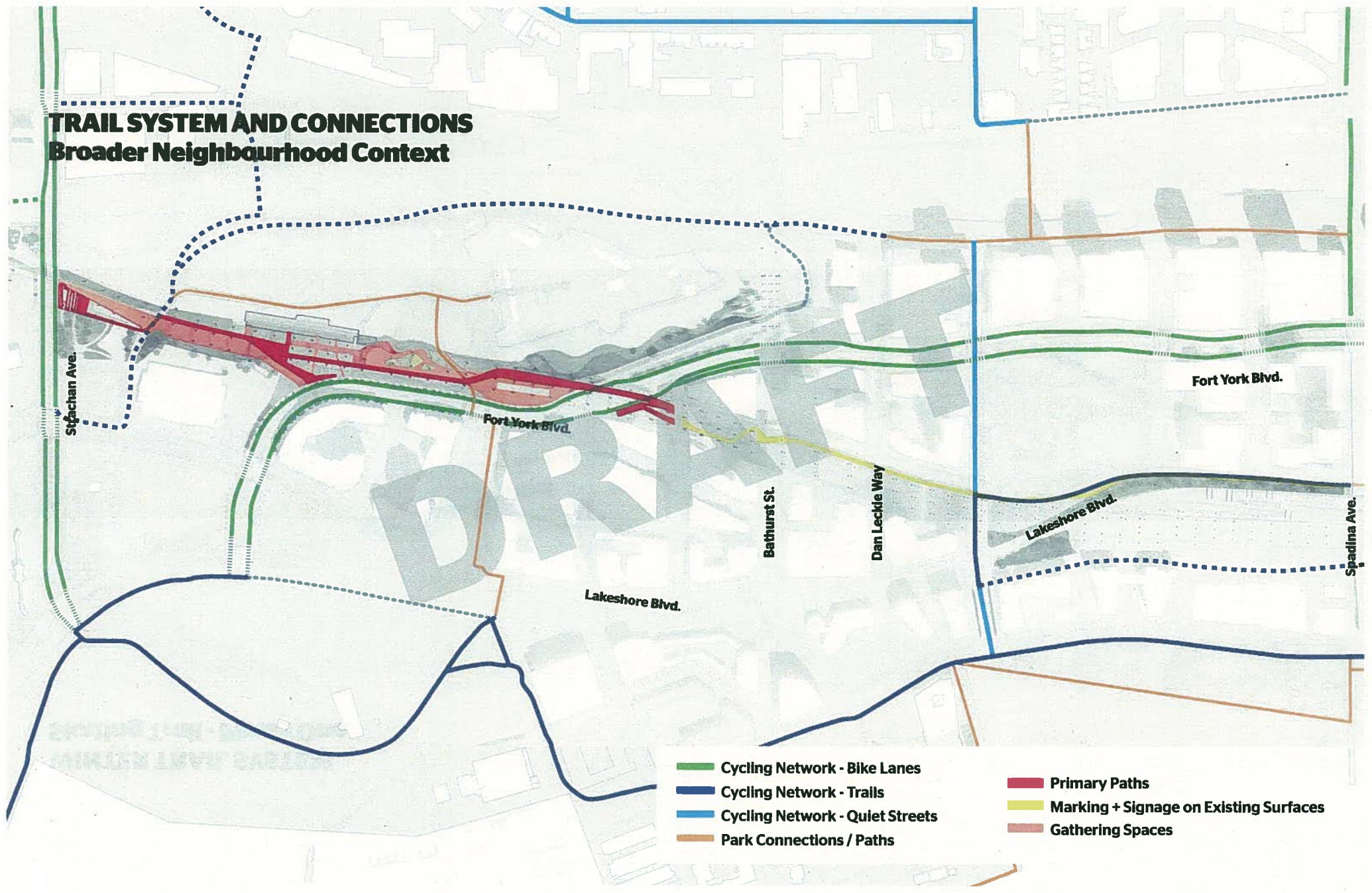
Simultaneous Performance Zones

TRAIL SYSTEM AND CONNECTIONS



- Primary Paths
- Marking + Signage on Existing Surfaces
- Gathering Spaces

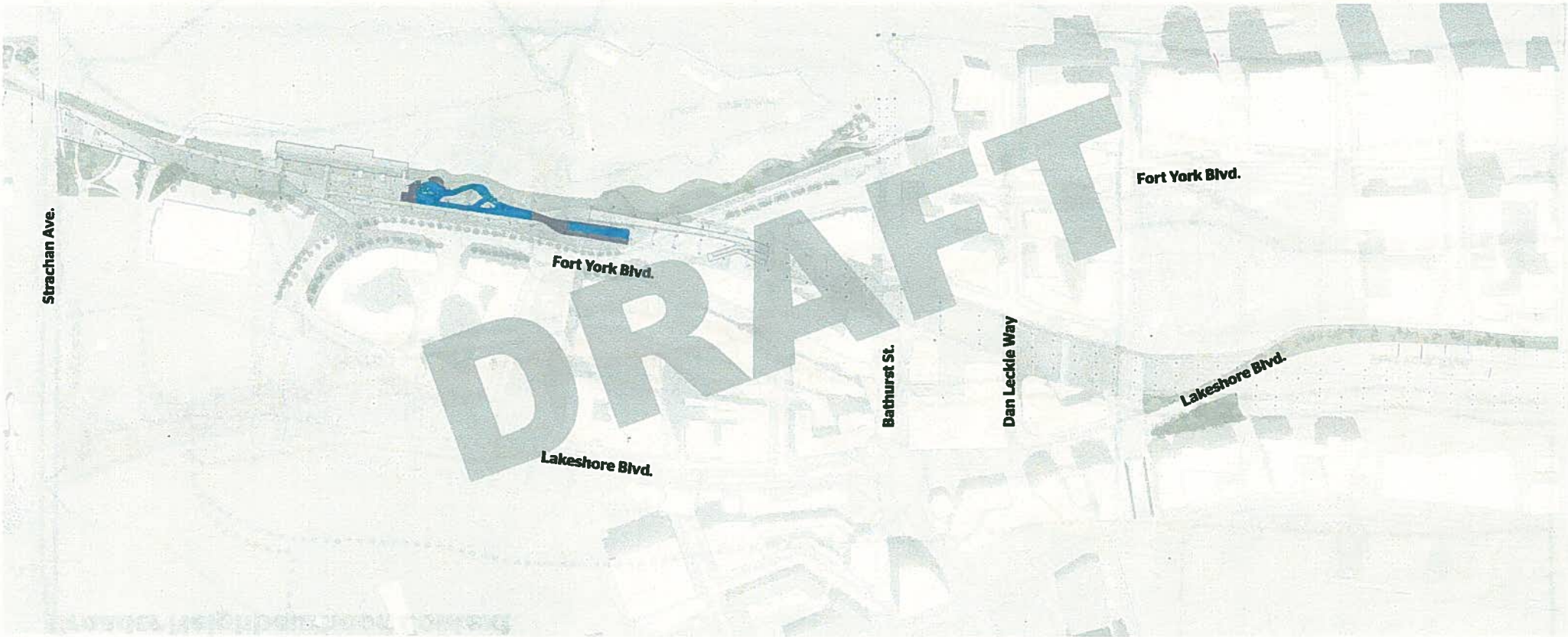
TRAIL SYSTEM AND CONNECTIONS Broader Neighbourhood Context



- Cycling Network - Bike Lanes
- Cycling Network - Trails
- Cycling Network - Quiet Streets
- Park Connections / Paths
- Primary Paths
- Marking + Signage on Existing Surfaces
- Gathering Spaces

WINTER TRAIL SYSTEM

Skating Trail - Phase One



Strachan Ave.

Fort York Blvd.

Fort York Blvd.

DRAFT

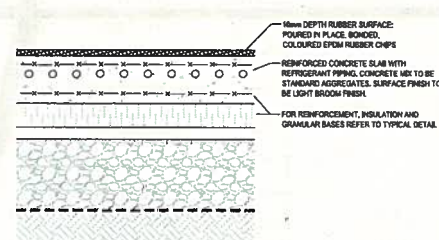
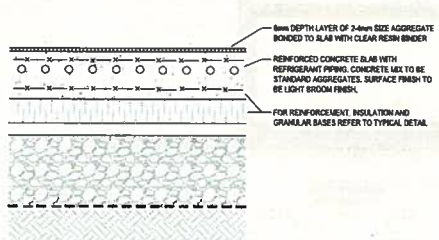
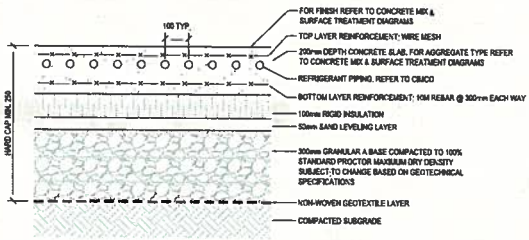
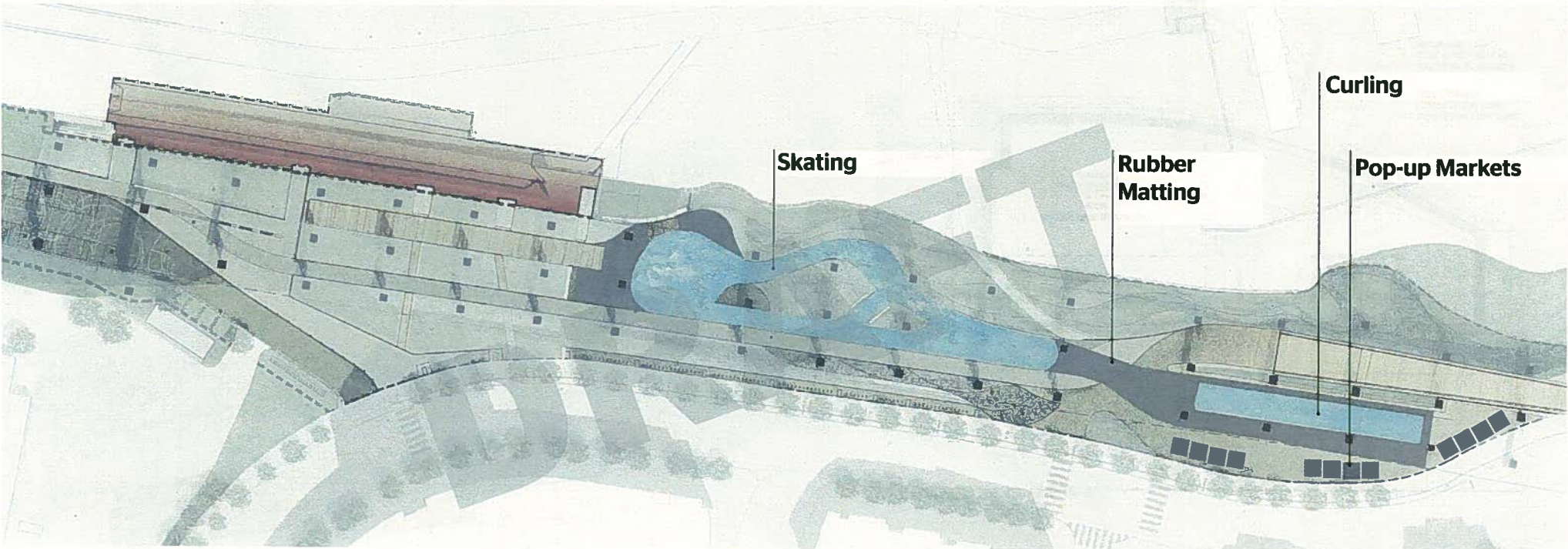
Bathurst St.

Dan Leckie Way

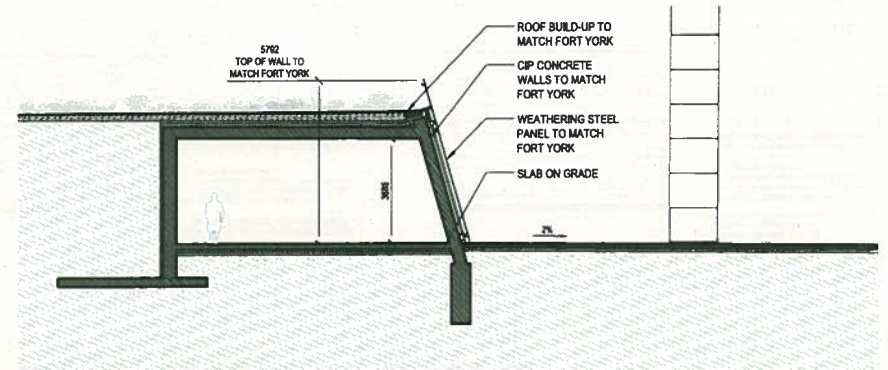
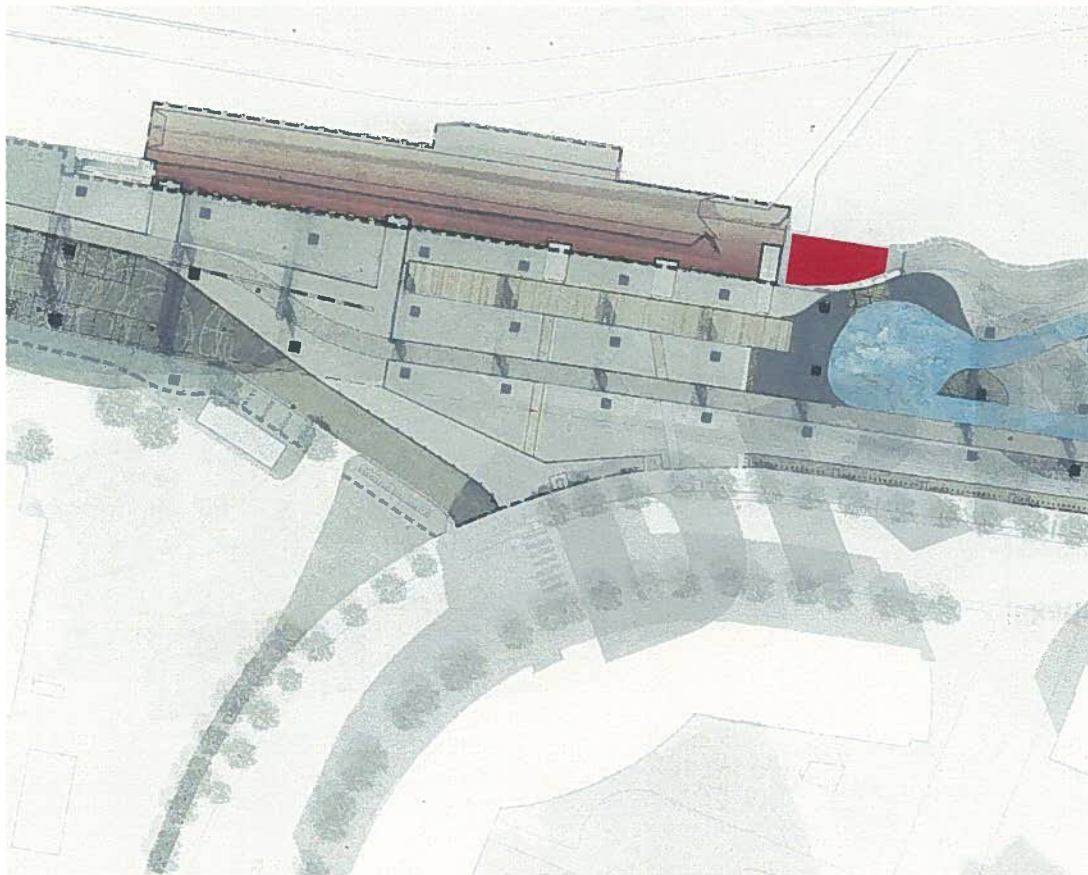
Lakeshore Blvd.

Lakeshore Blvd.

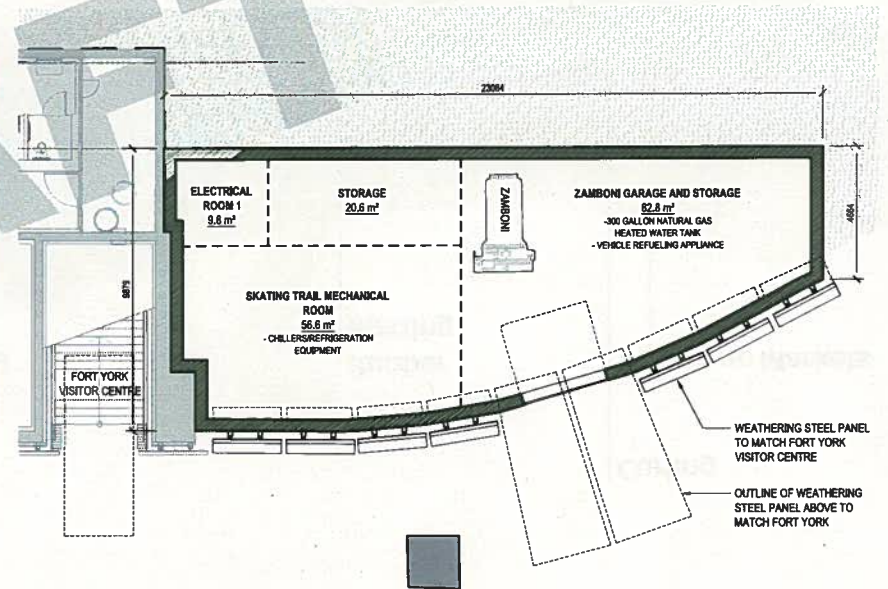
FORT CENTRAL - Winter Experience



FORT CENTRAL - Mechanical Enclosure and Zamboni Garage

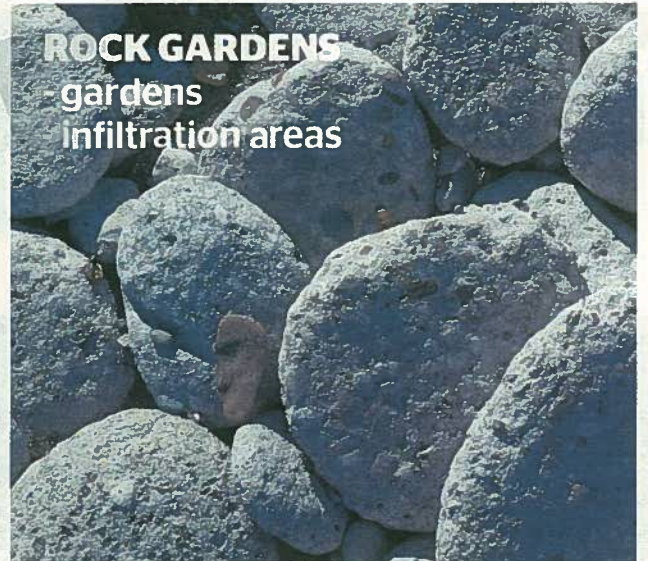
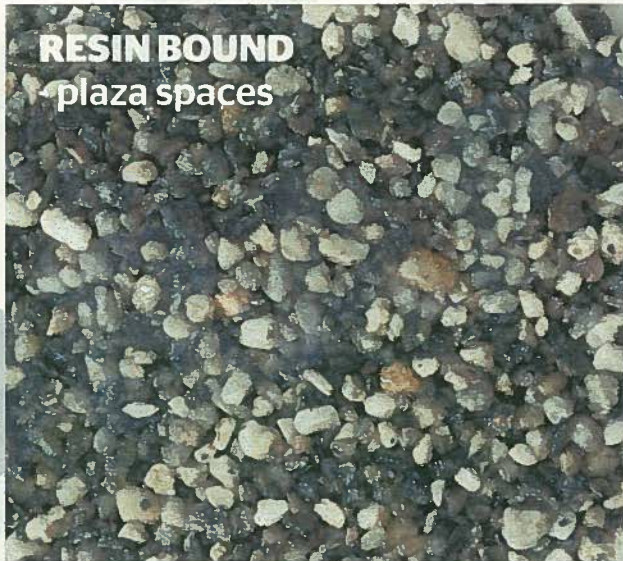


1 FORT CENTRAL - Skating Enclosure - Section
1:150



2 FORT CENTRAL - Skating Enclosure - Plan
1:150

HARDSCAPE
Recycled Aggregate Paving Systems





HARDSCAPE
Recycled Aggregate



STONE: 30-40%



CONCRETE: 20-30%



BRICK: 10-20%



TILE & PORCELAIN: 10-15%



GLASS: 2-5%



TERRAZZO: 2-5%



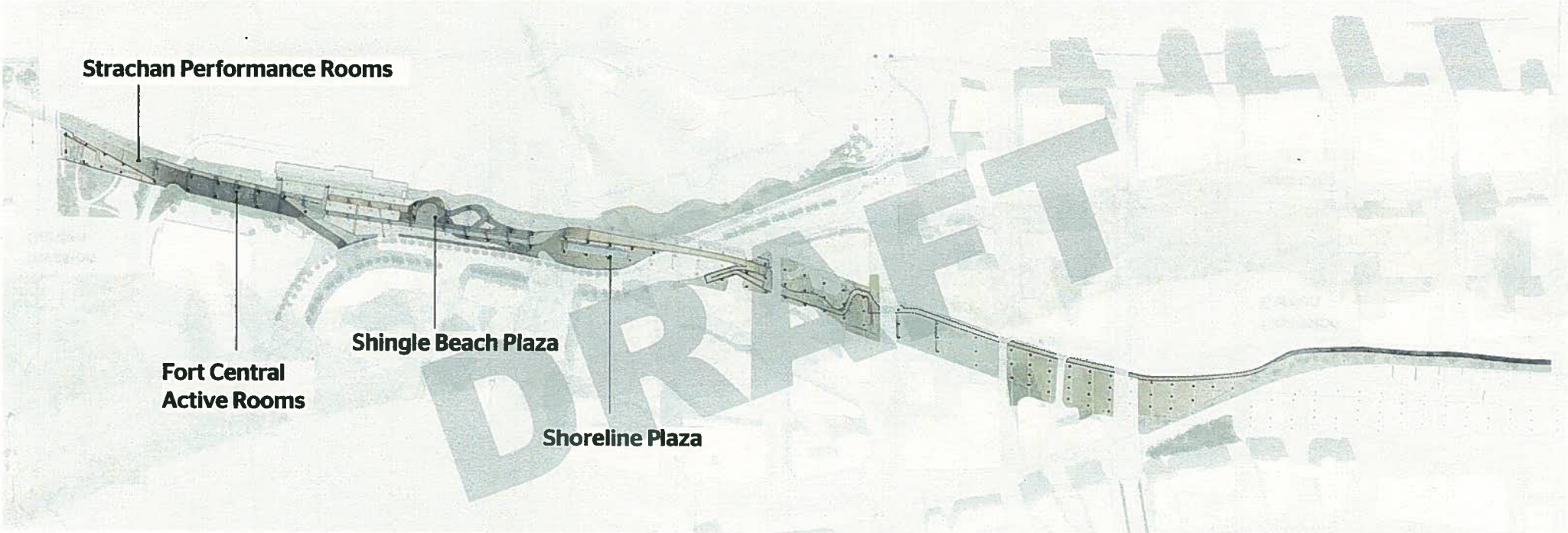
ASPHALT: 2-5%



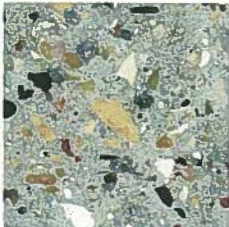
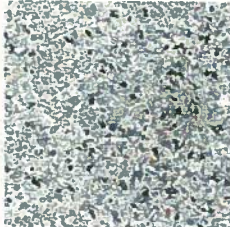
SLAG: 2-5%

RECYCLED AGGREGATES 'LESLIE SPIT MIX'

HARDSCAPE Paving Systems



1. CONCRETE



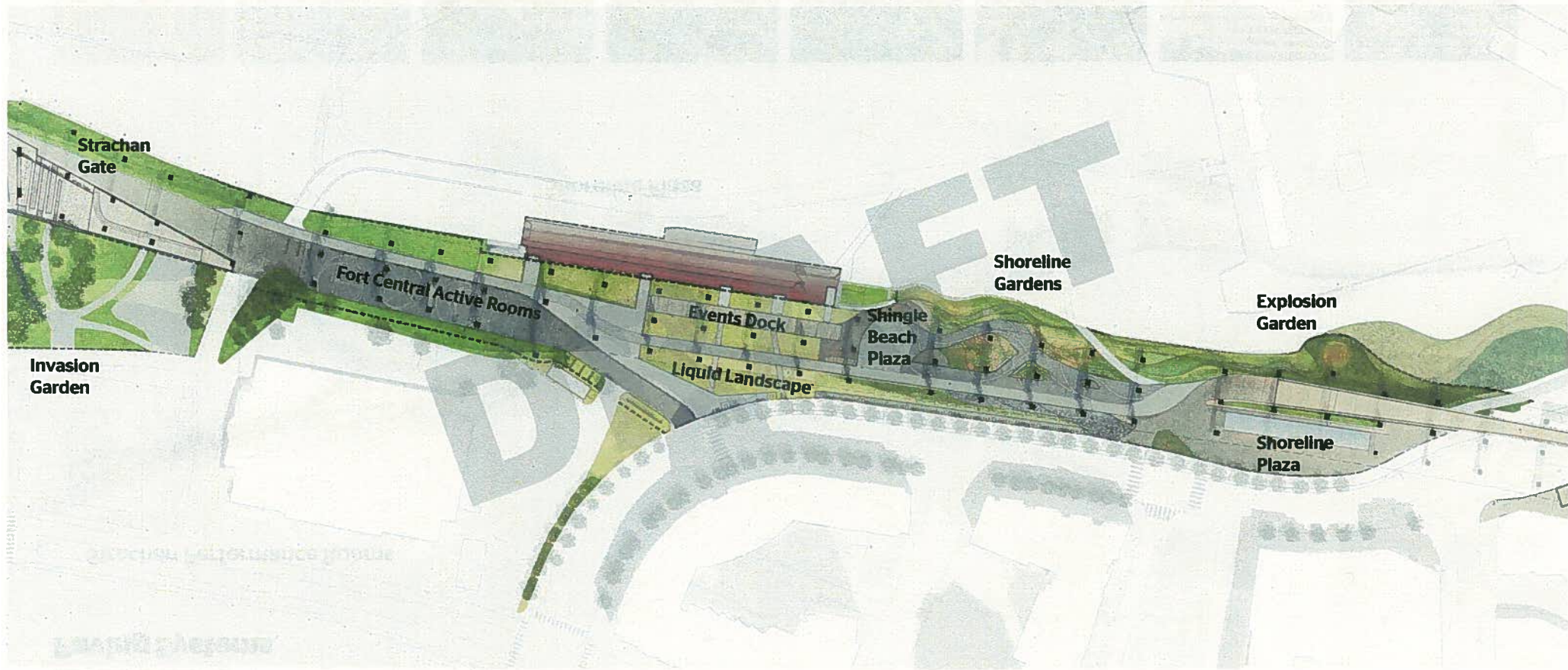
2. RESIN BOUND



3. ASPHALT

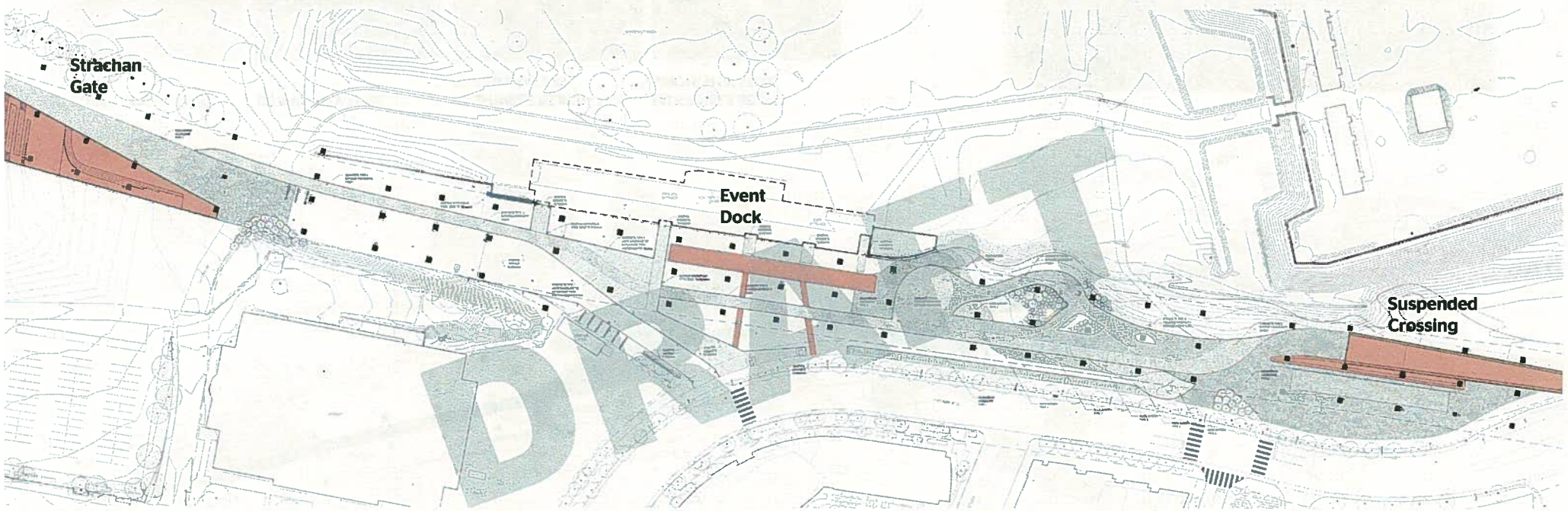


FORT CENTRAL



FORT CENTRAL

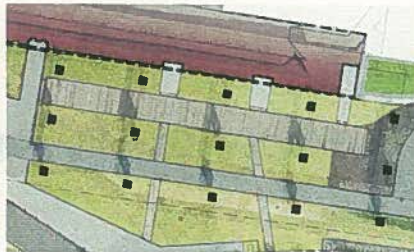
Three Timber Structures



STRACHAN GATE



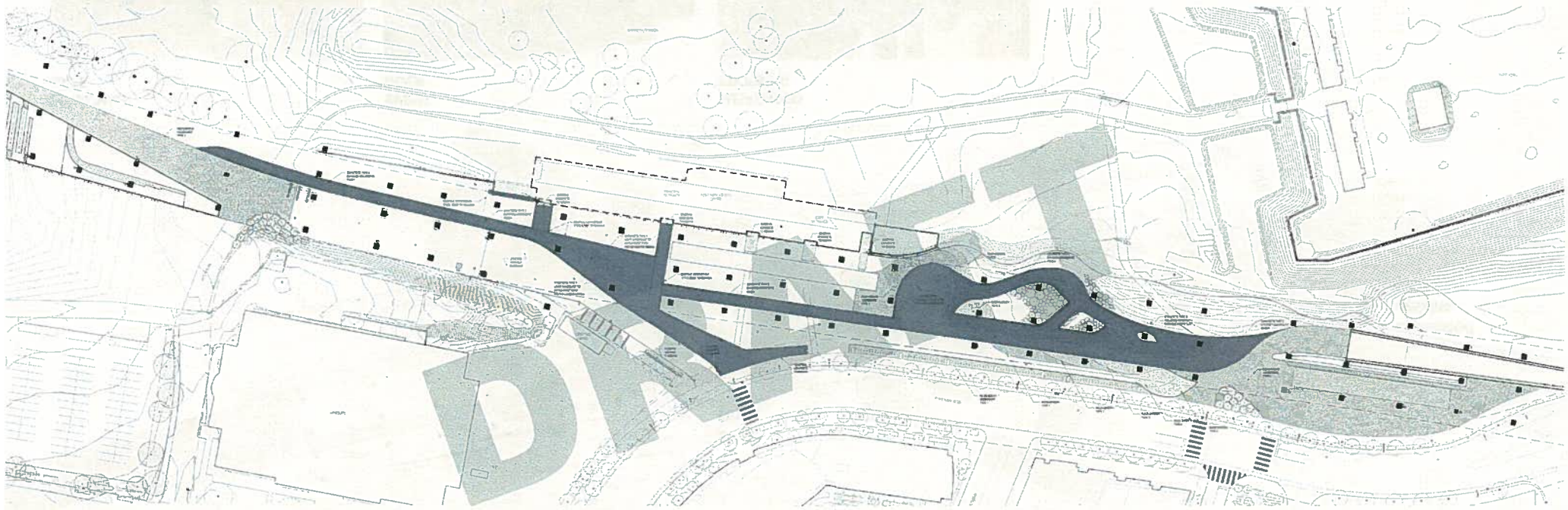
EVENT DOCK



SUSPENDED CROSSING



FORT CENTRAL - Recycled Aggregate Paving Textured Concrete



[1] FORT YORK VISITOR CENTRE

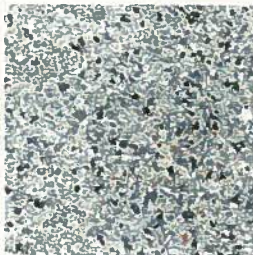
[2] PRIMARY TRAIL

[3] SHINGLE BEACH - TEXTURED SKATING

[4] SHINGLE BEACH - SMOOTH SKATING



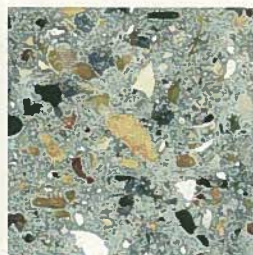
Concrete with white sand
+ light sandblast finish



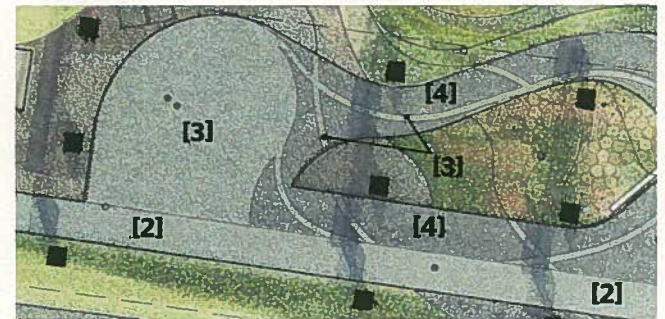
Concrete with white sand with 10-20mm recycled aggregates
+ light acid etch finish/ exposed aggregate



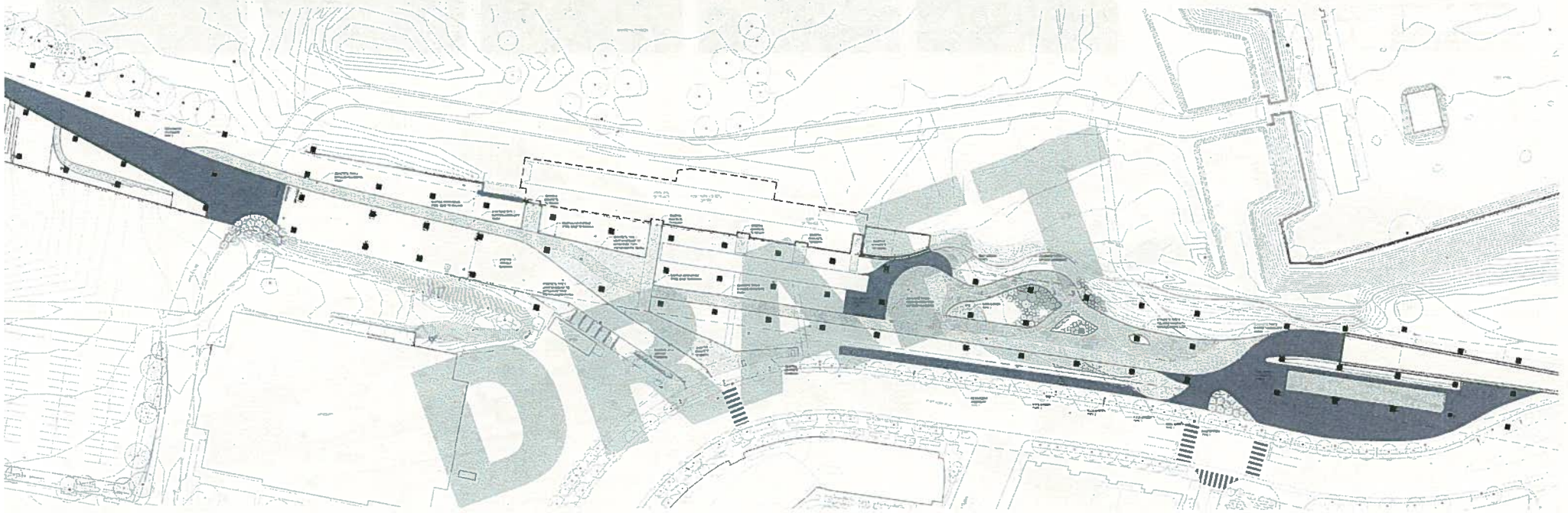
Concrete with 20-50mm recycled aggregates
+ exposed aggregate finish



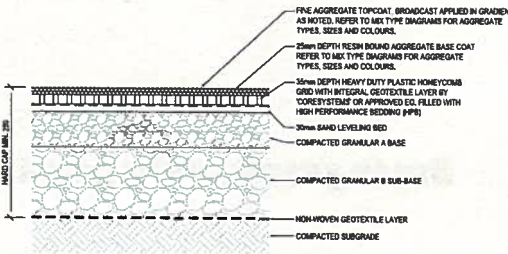
Concrete with 20-50mm recycled aggregates
+ ground finish (rough polish)



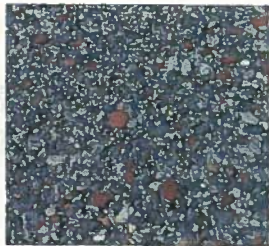
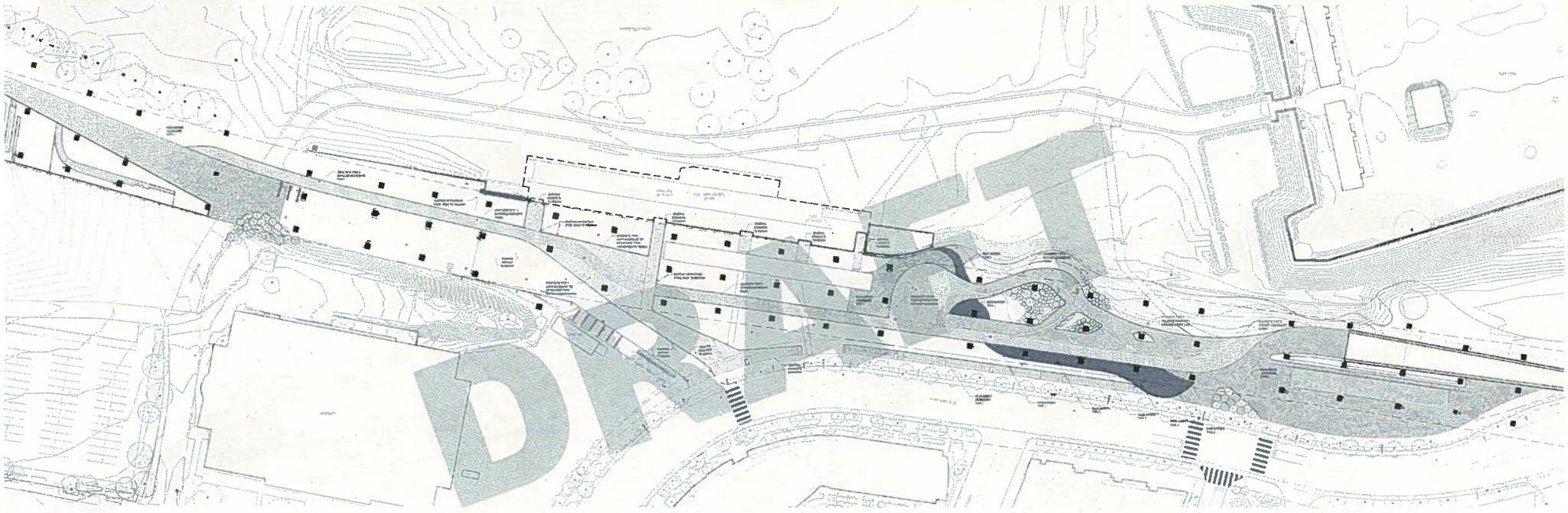
FORT CENTRAL - Recycled Aggregate Paving Resin Bound Aggregate



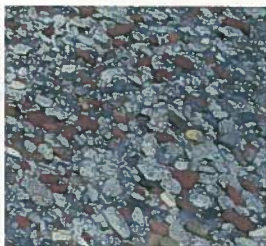
3-6mm CHIP (1/8" - 1/4")



FORT CENTRAL - Recycled Aggregate Paving Rock Gardens



TYPE 1: 20-30mm



TYPE 2: 30-50mm



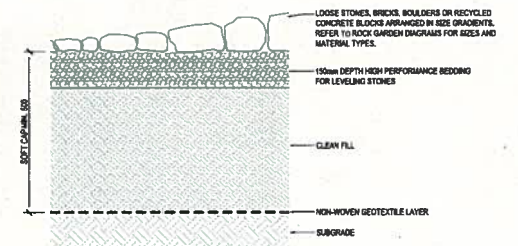
TYPE 3: 50-100mm



TYPE 4: 200-500mm

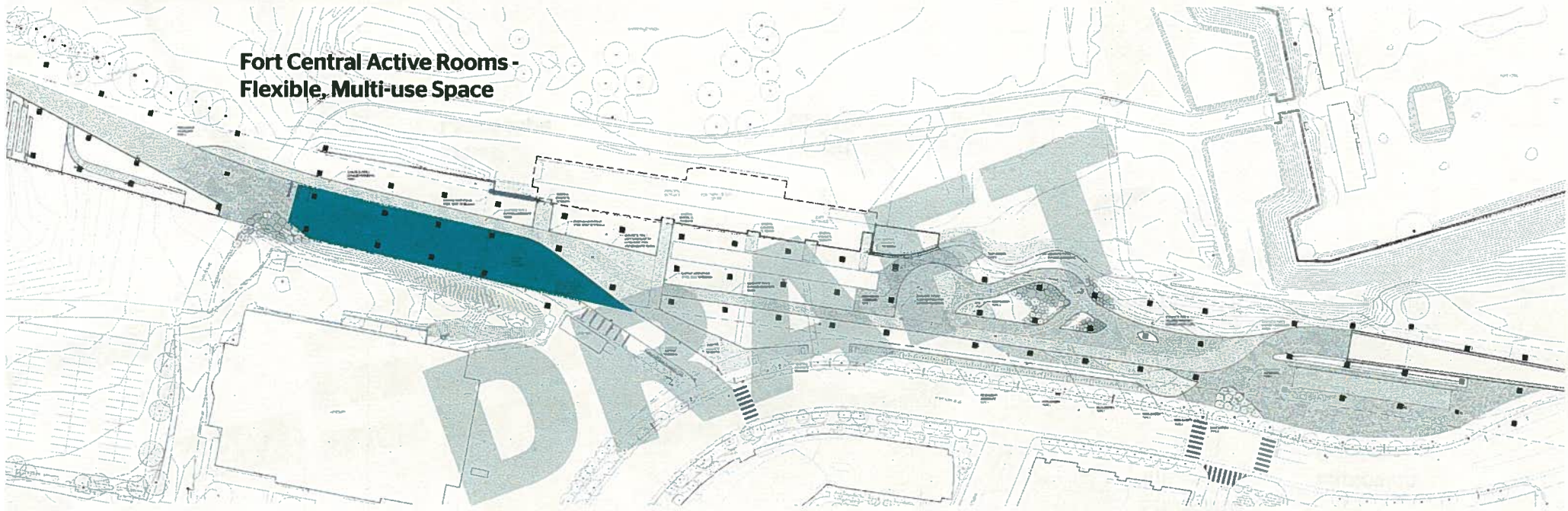


TYPE 1: 500-1000mm



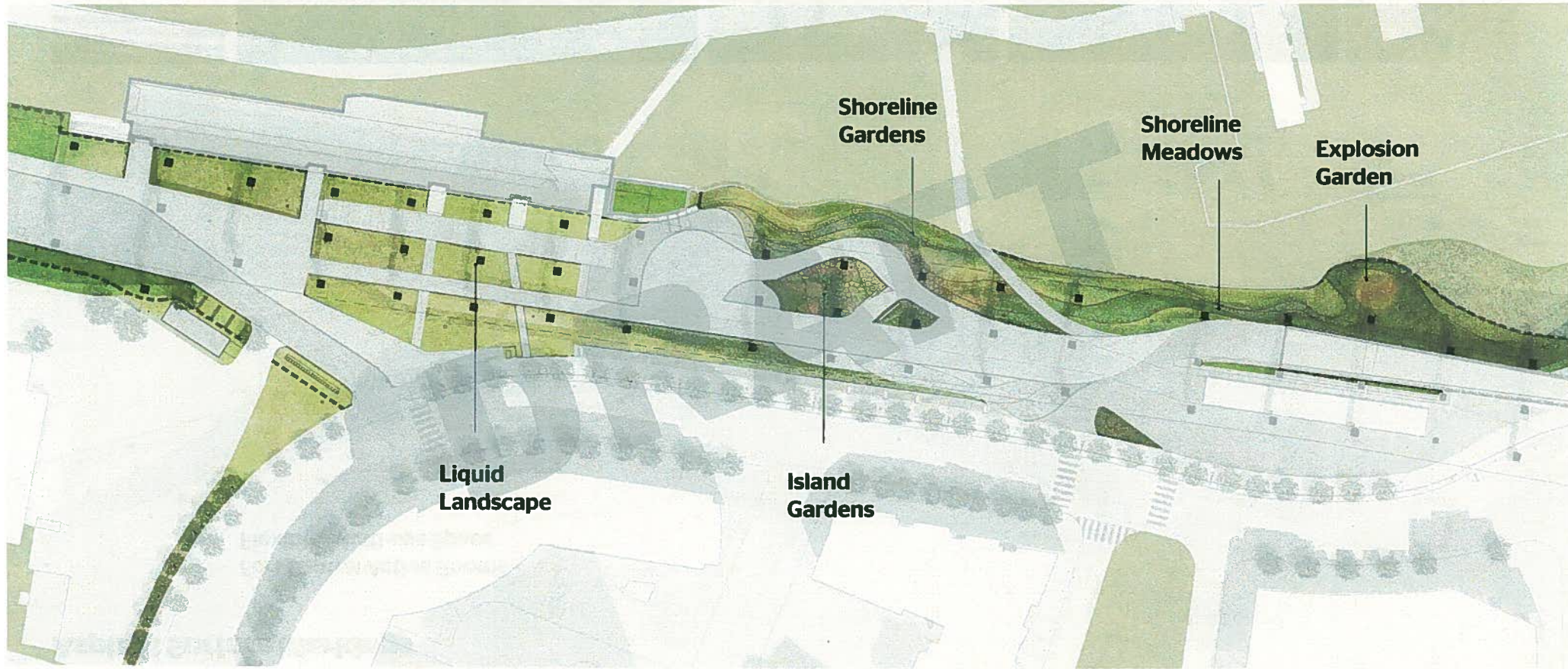
FORT CENTRAL Asphalt Surface Markings

Fort Central Active Rooms -
Flexible, Multi-use Space

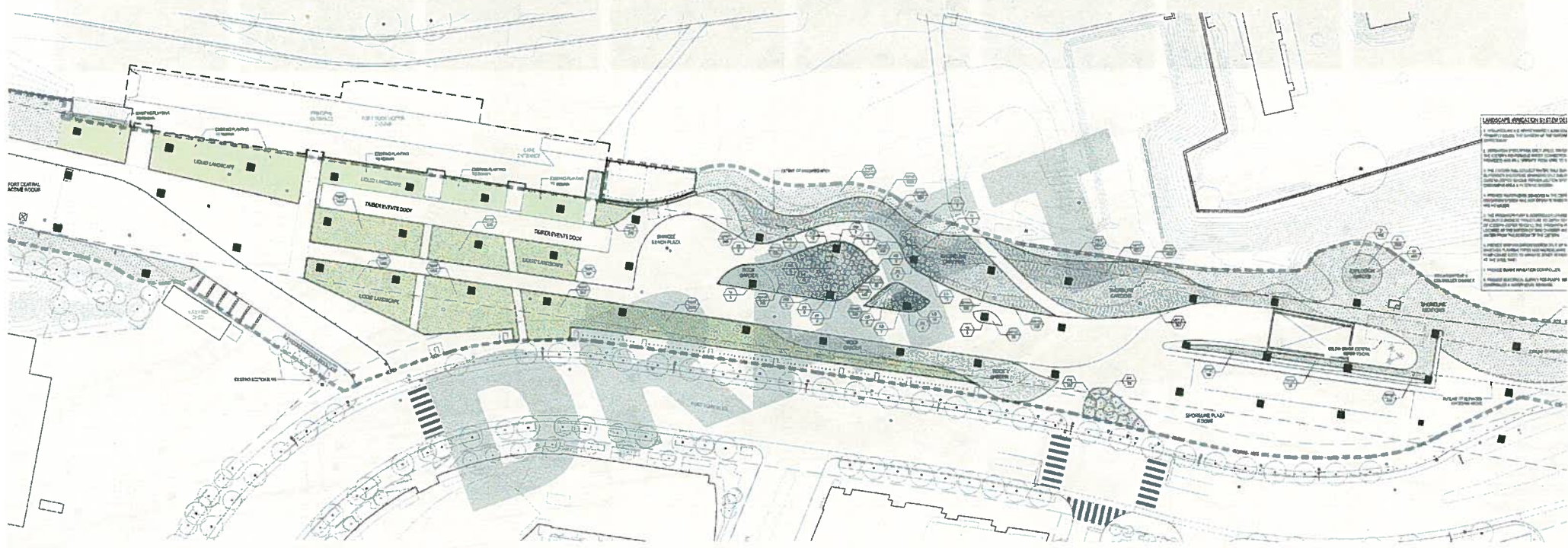


PRECEDENT IMAGES: SURFACE MARKINGS. ACTUAL DESIGN IN PROGRESS, in tandem with rebranding exercise for new name ('The Bentway')

FORT CENTRAL - Planting

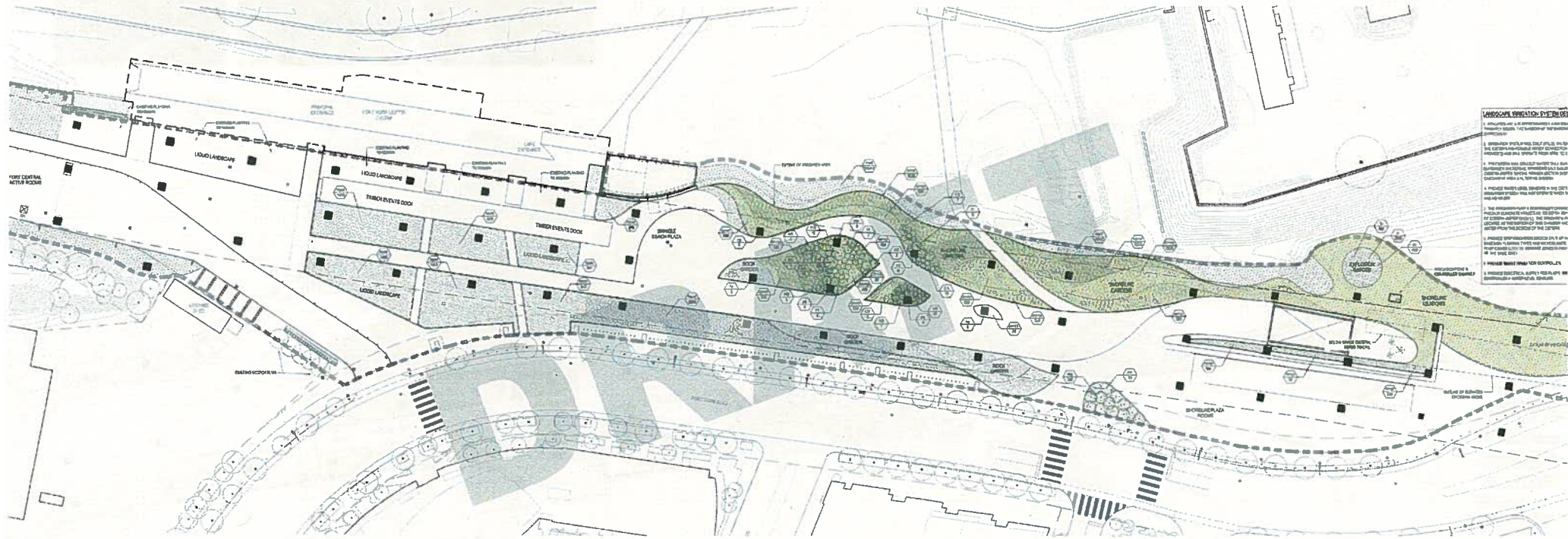


FORT CENTRAL - Liquid Landscape



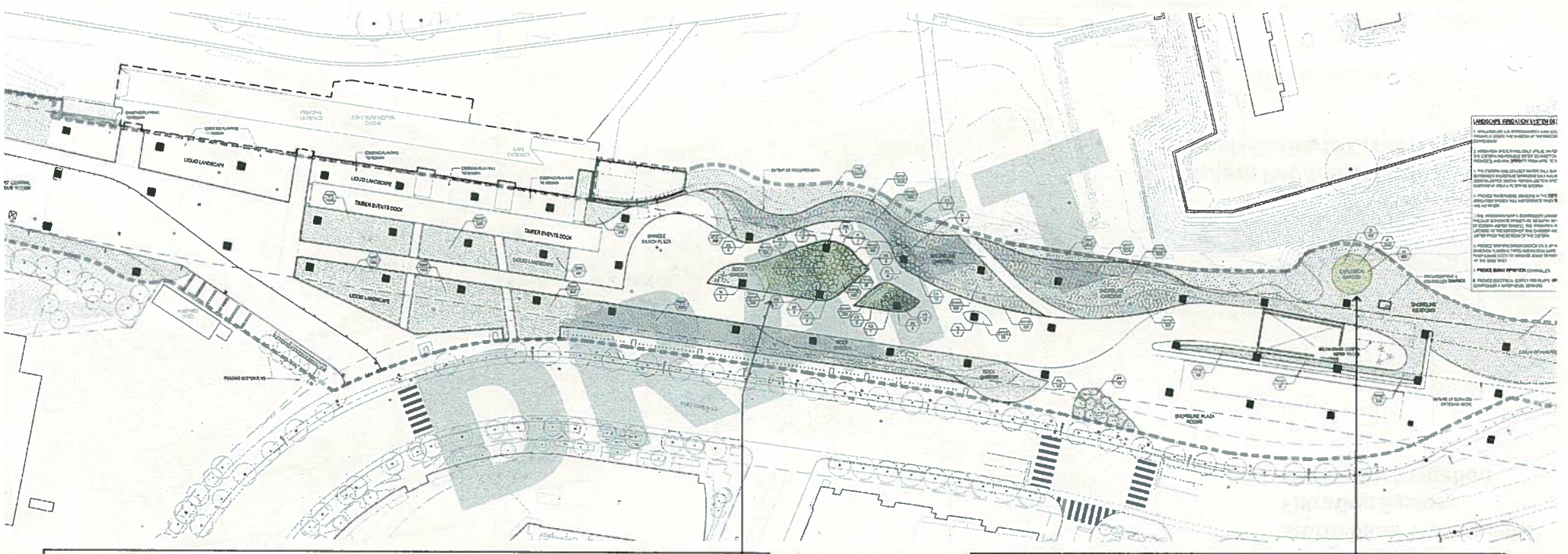
Pennsylvania Sedge, Idaho Fescue, Red Fescue, Prairie Dropseed

FORT CENTRAL - Shoreline Gardens

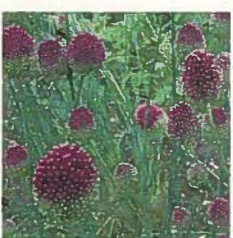


LIQUID LANDSCAPE SPECIES + Golden Sedge, Palm Sedge, Bluejoint Grass, Feather Reed Grass, Northern Sea Oats, Fountain Grass, Purple Moor Grass, Tufted Hair Grass (shade & salt tolerant)

FORT CENTRAL - Island Garden & Explosion Garden

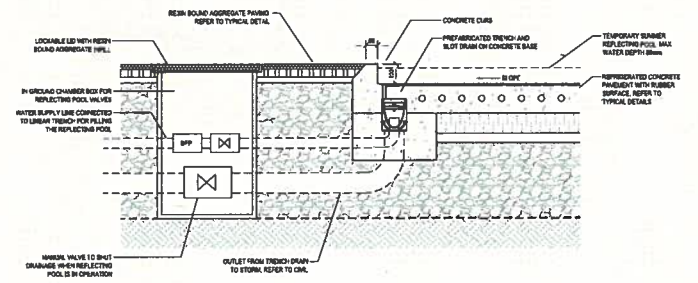


Serviceberry, Witchhazel, Dogwood, Hydrangea, Viburnum, Burning Bush, Virginia Creeper (shade & salt tolerant)



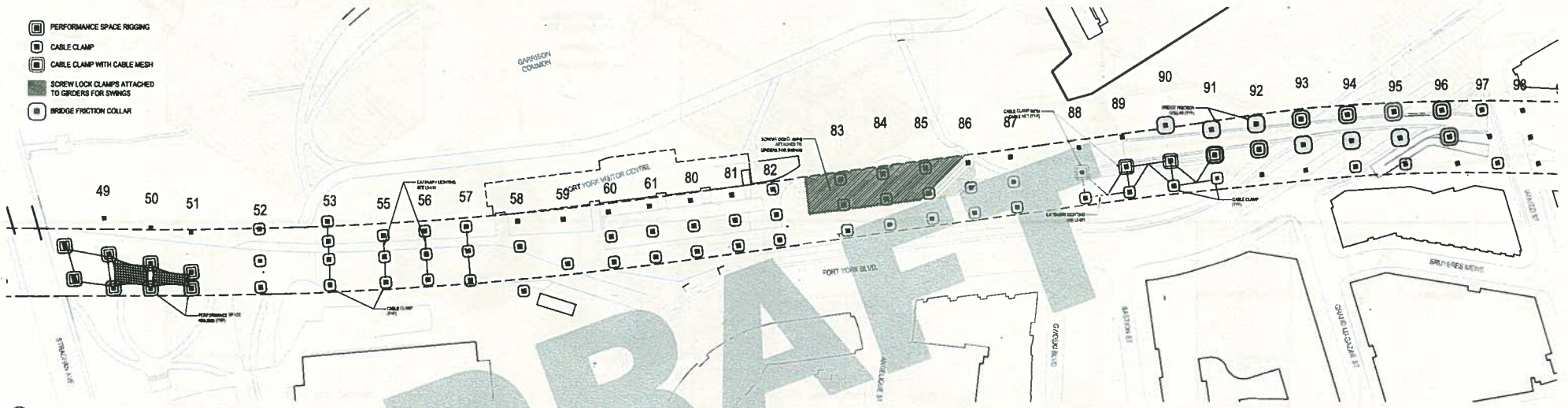
Crocus, Creeping Thyme, Allium

FORT CENTRAL - Water Feature, Stormwater and Irrigation

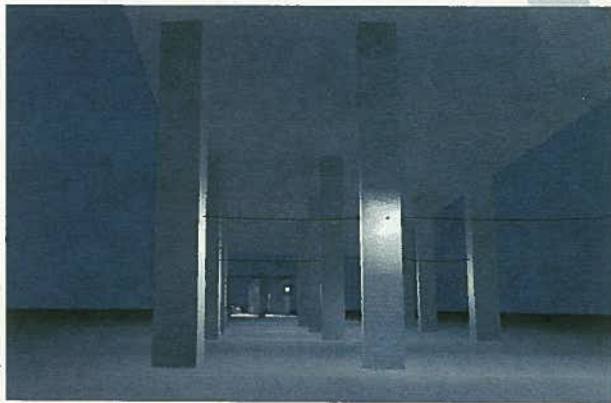


RIGGING, SUSPENSION AND LIGHTING

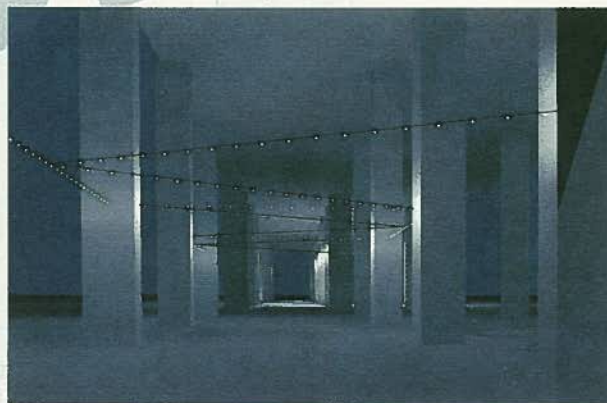
-  PERFORMANCE SPACE RIGGING
-  CABLE CLAMP
-  CABLE CLAMP WITH CABLE MESH
-  SCREW LOCK CLAMPS ATTACHED TO GIRDERS FOR SWINGS
-  BRIDGE FRICTION COLLAR



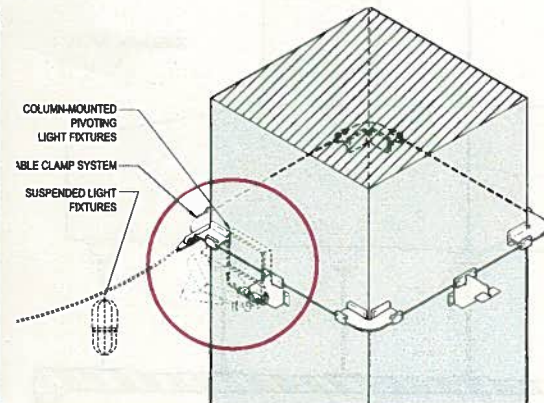
1 Metropolitan Region Concept Plan
NYC



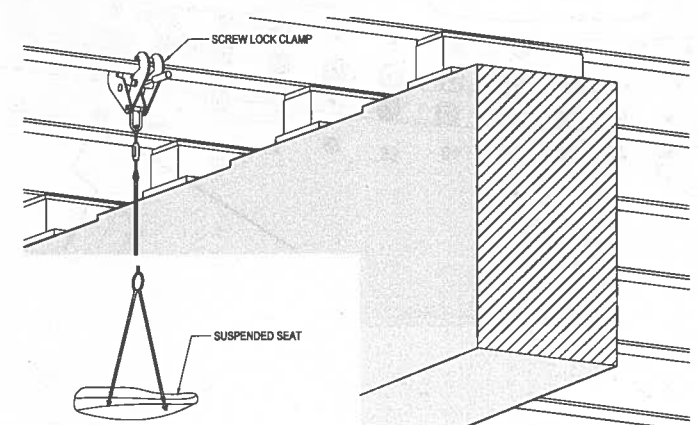
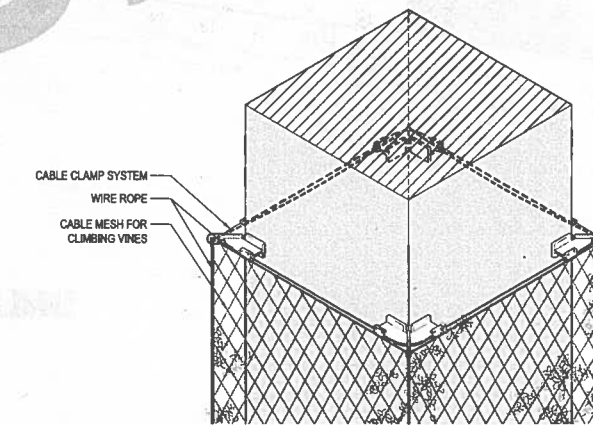
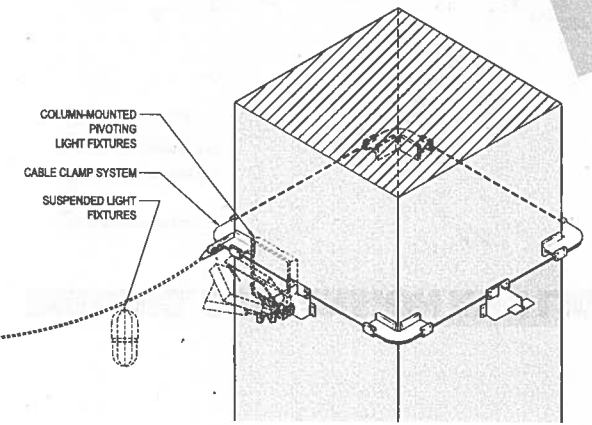
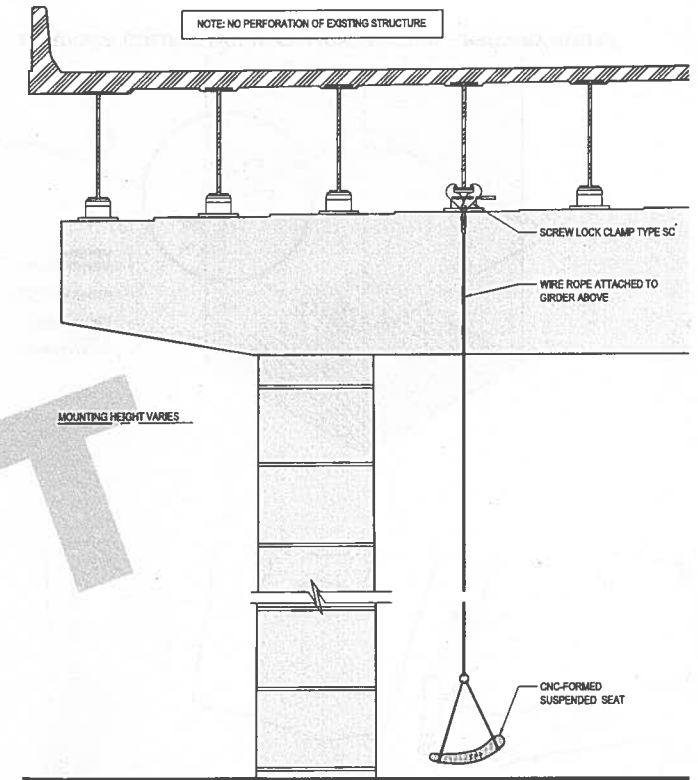
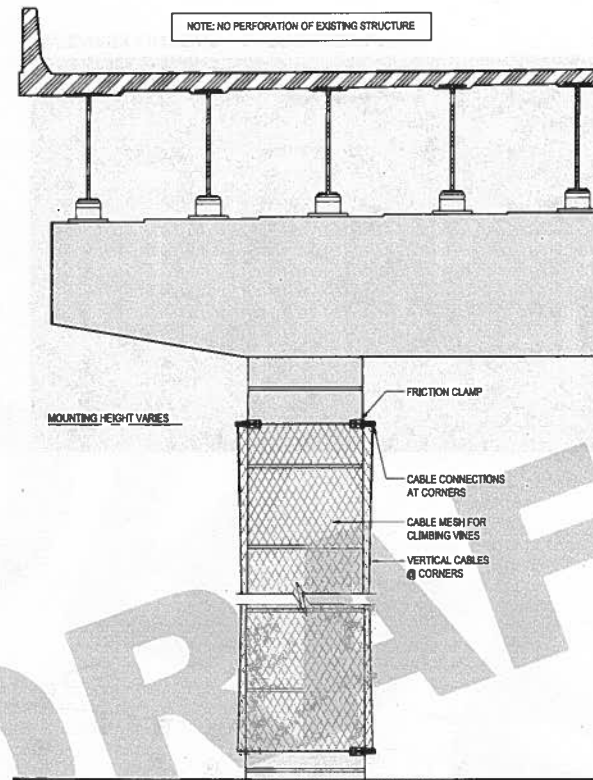
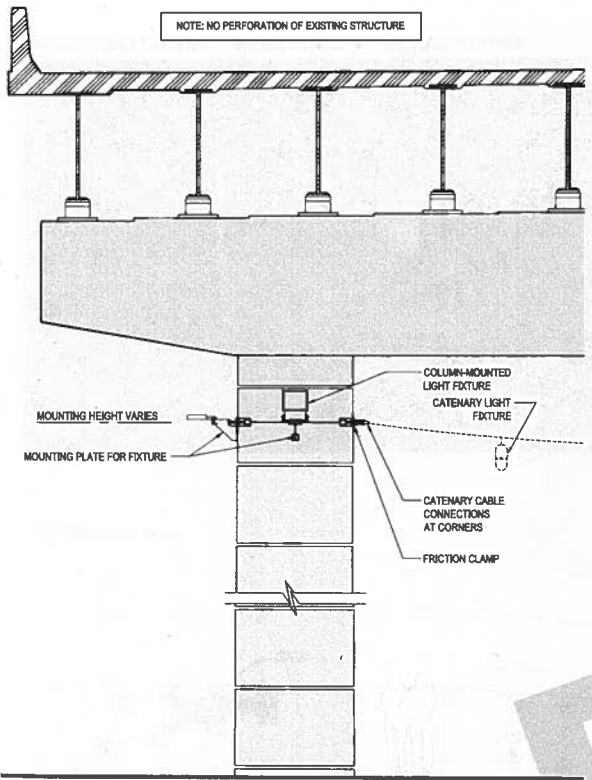
CATENARY LIGHTING - FORT CENTRAL ACTIVE ROOMS



CATENARY LIGHTING - SHORELINE PLAZA



GARDINER COLUMN MOUNTED LIGHT FIXTURE - PRIMARY ROUTE



1 Cable Clamp for General Light Fixtures

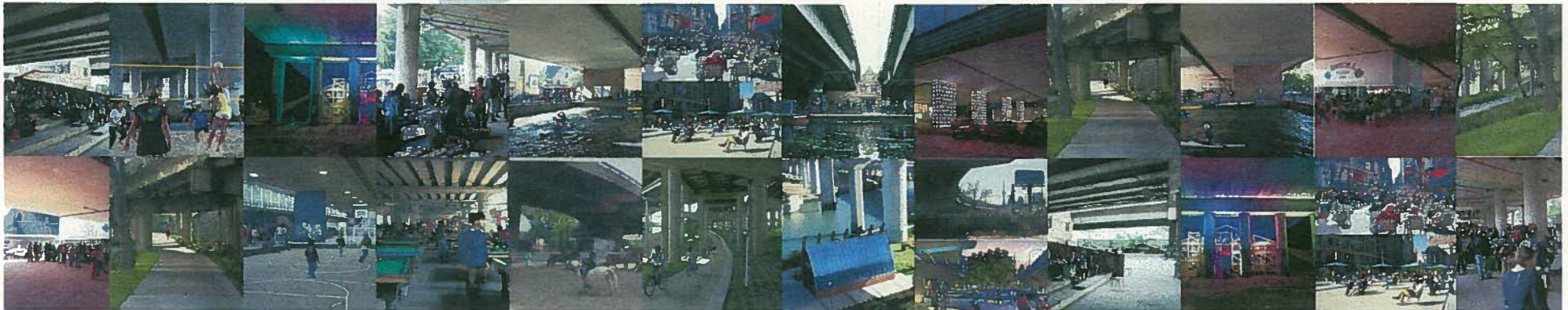
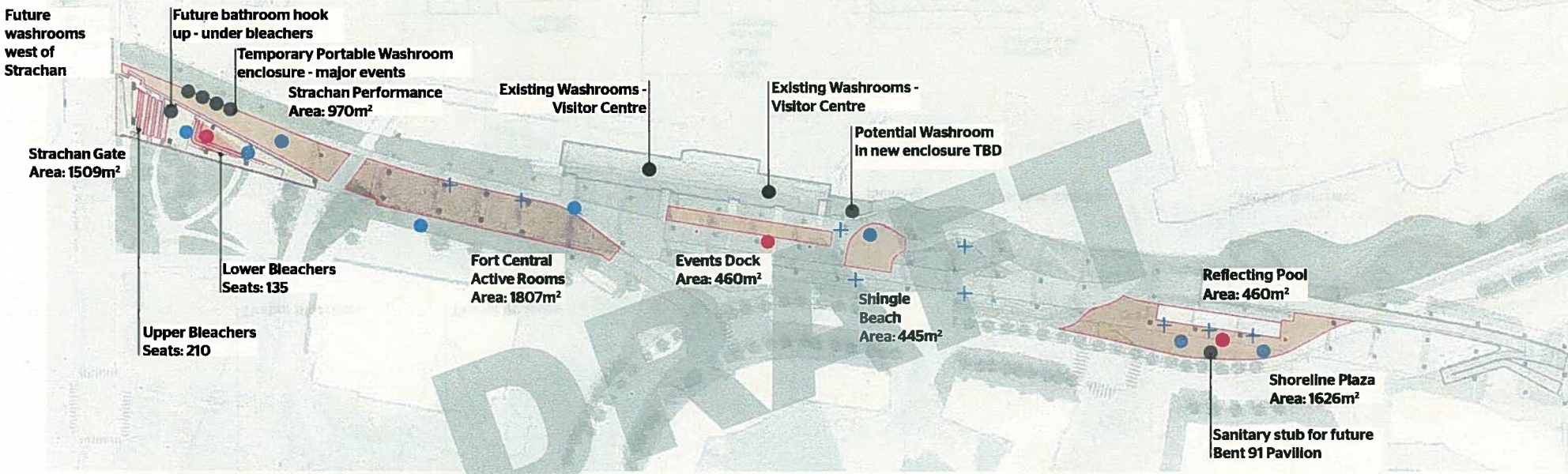
2 Cable Clamp with Cable Mesh

3 Screw Lock Clamp for Suspended Seat

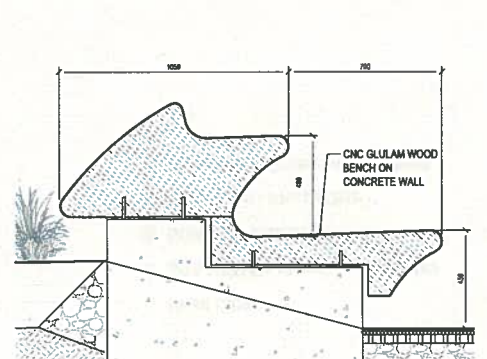
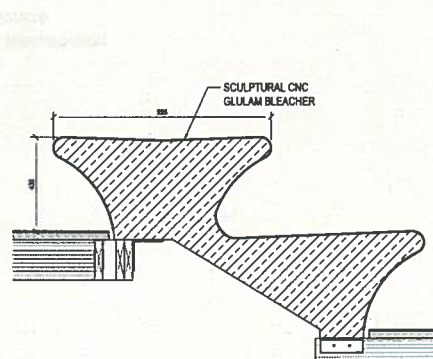
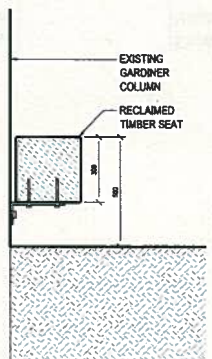
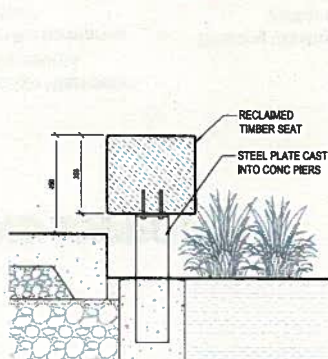
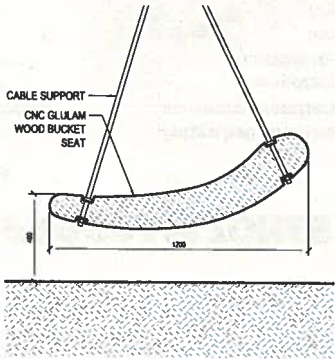
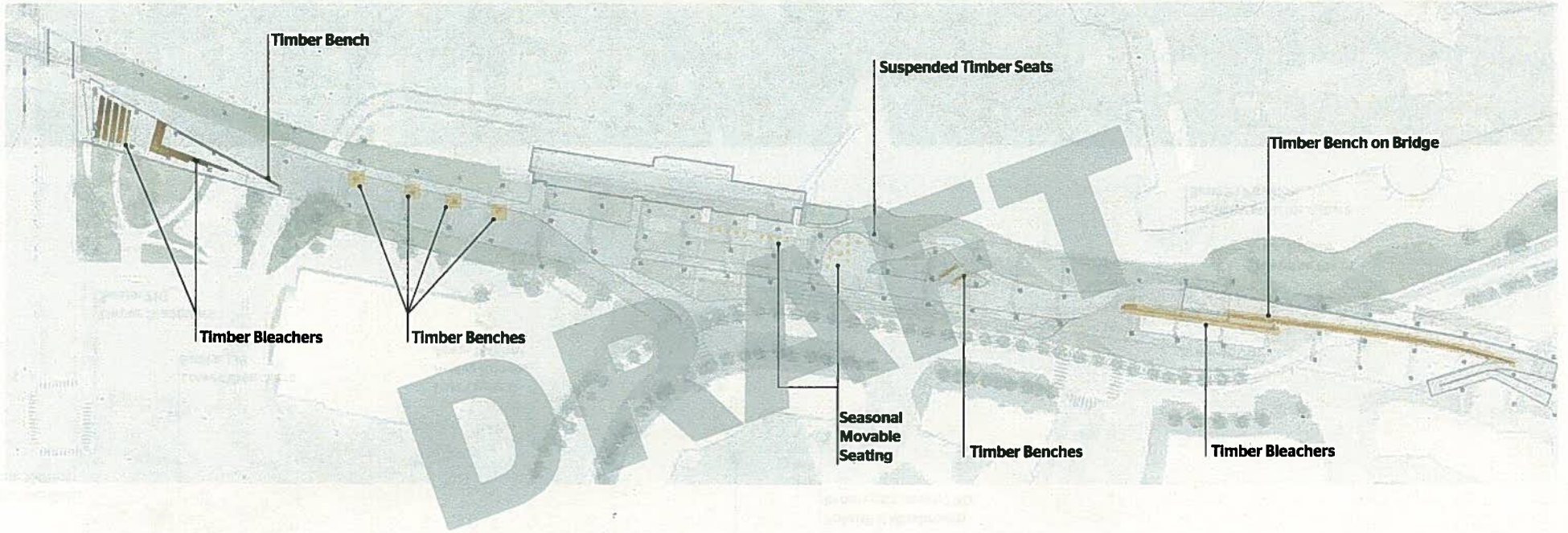
PROGRAM ZONES AND SUPPORTS



- + Hose bibs
- 30A/3PH Electrical Receptacles
- 60A/3PH Electrical Receptacles
- Bathroom - Phase One
- Bathroom - Potential or Future

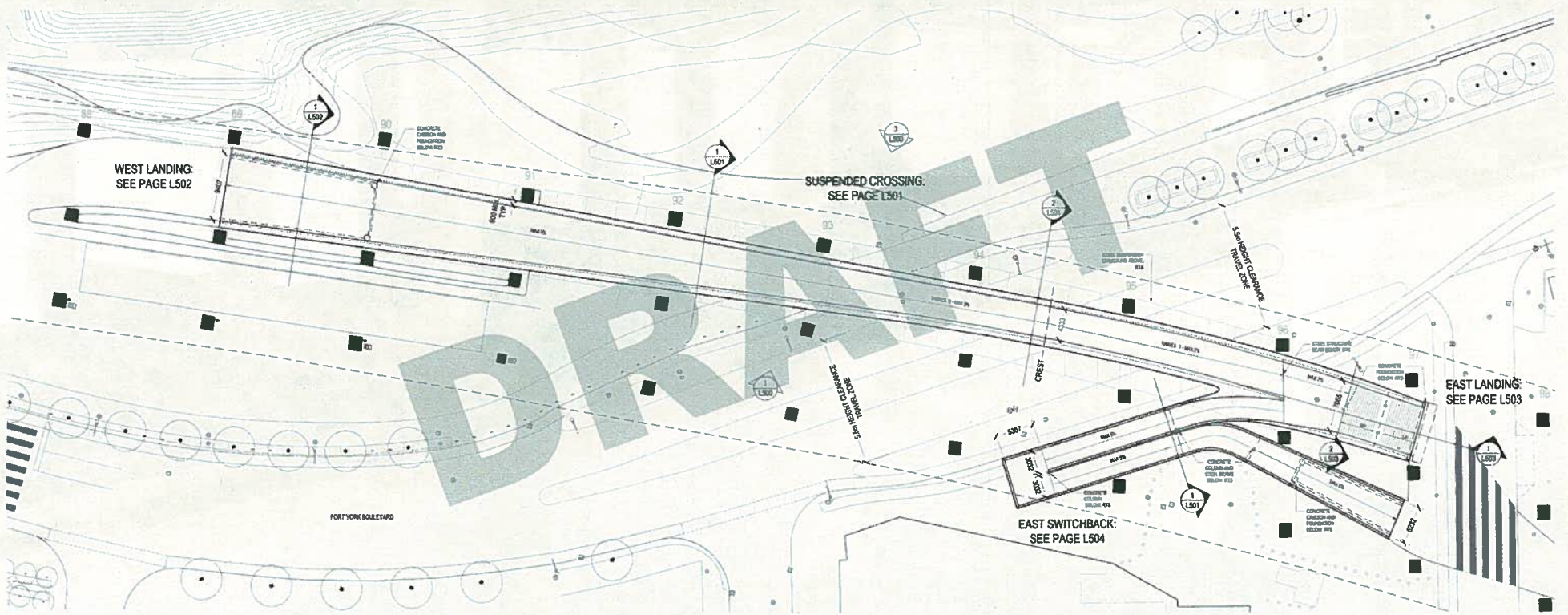


SEATING

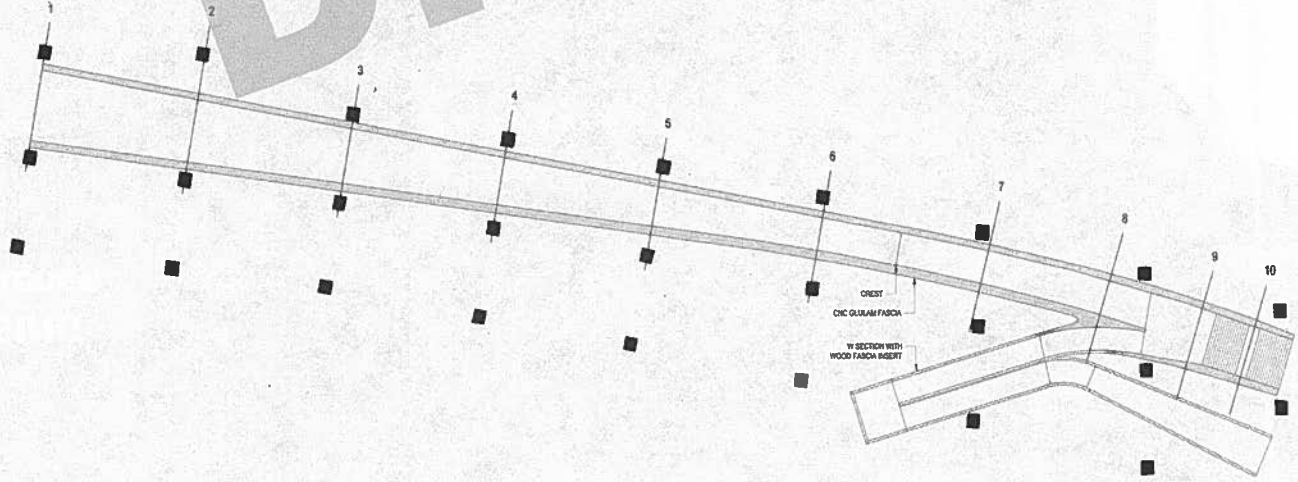
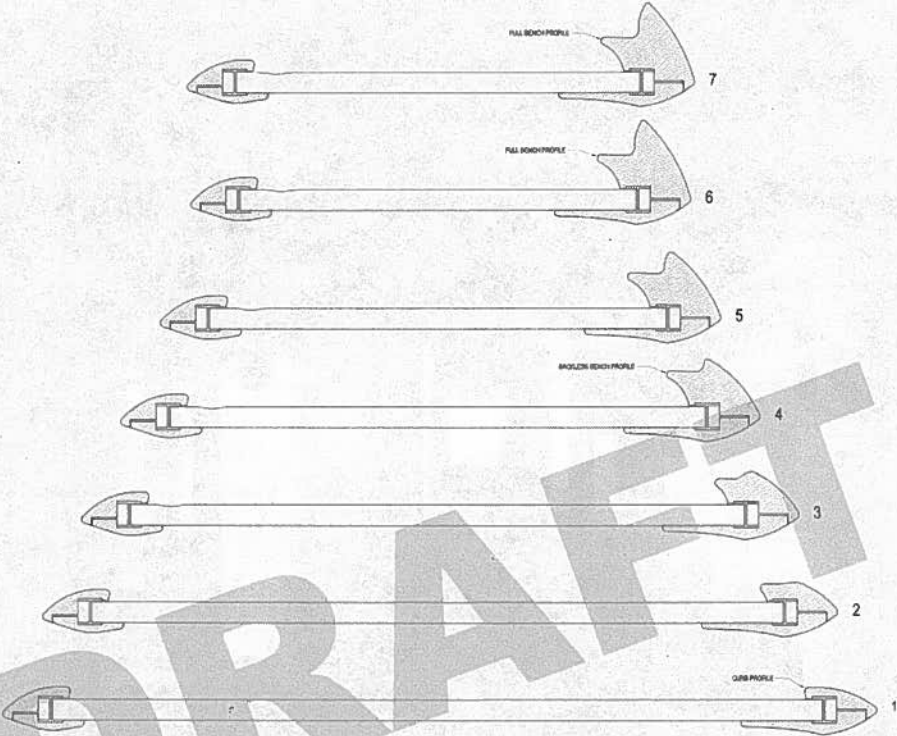


ELEVATED CROSSING





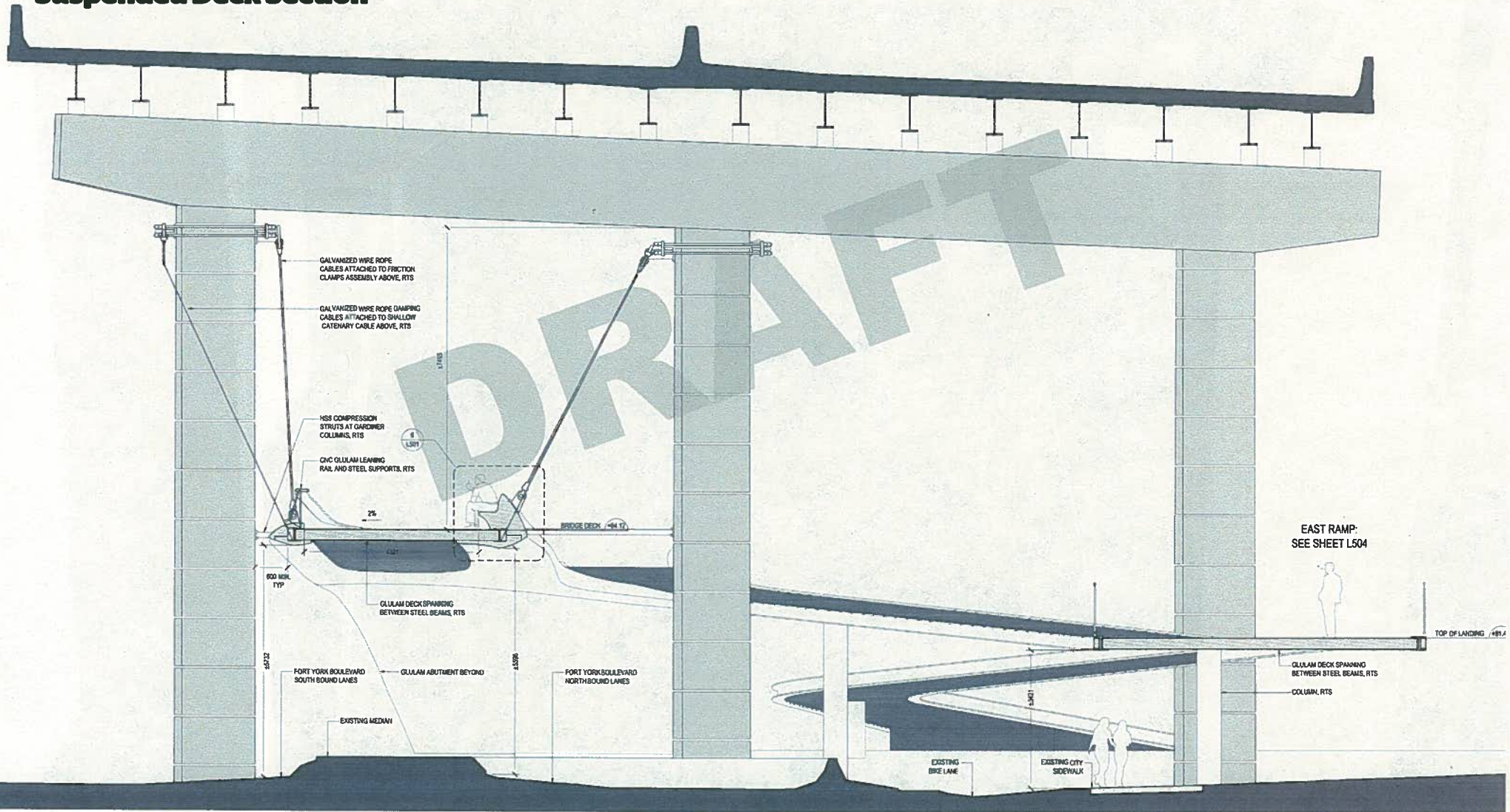
ELEVATED CROSSING Wood Fascia Profiles

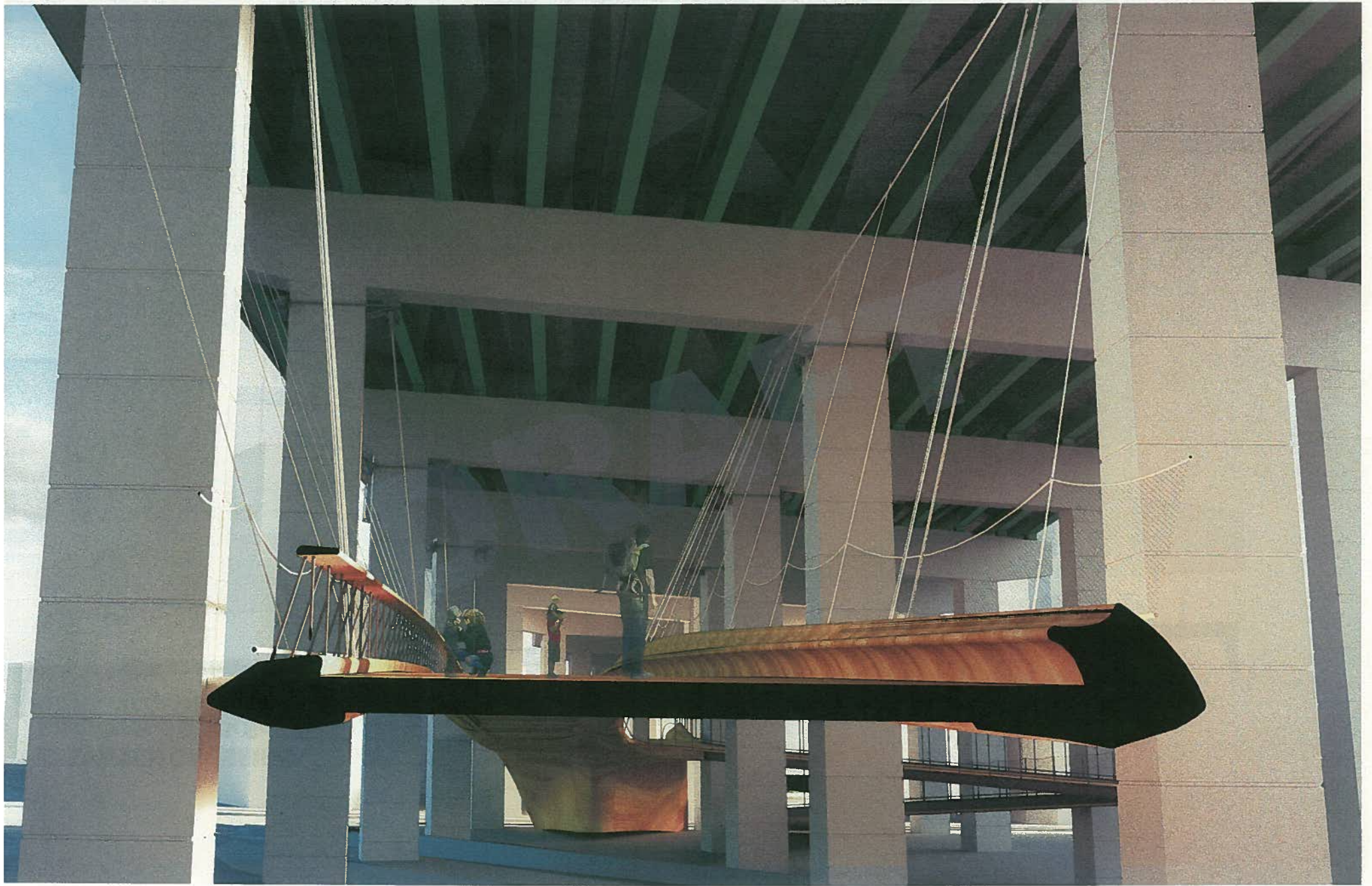


ELEVATED CROSSING
Telescopic Experience

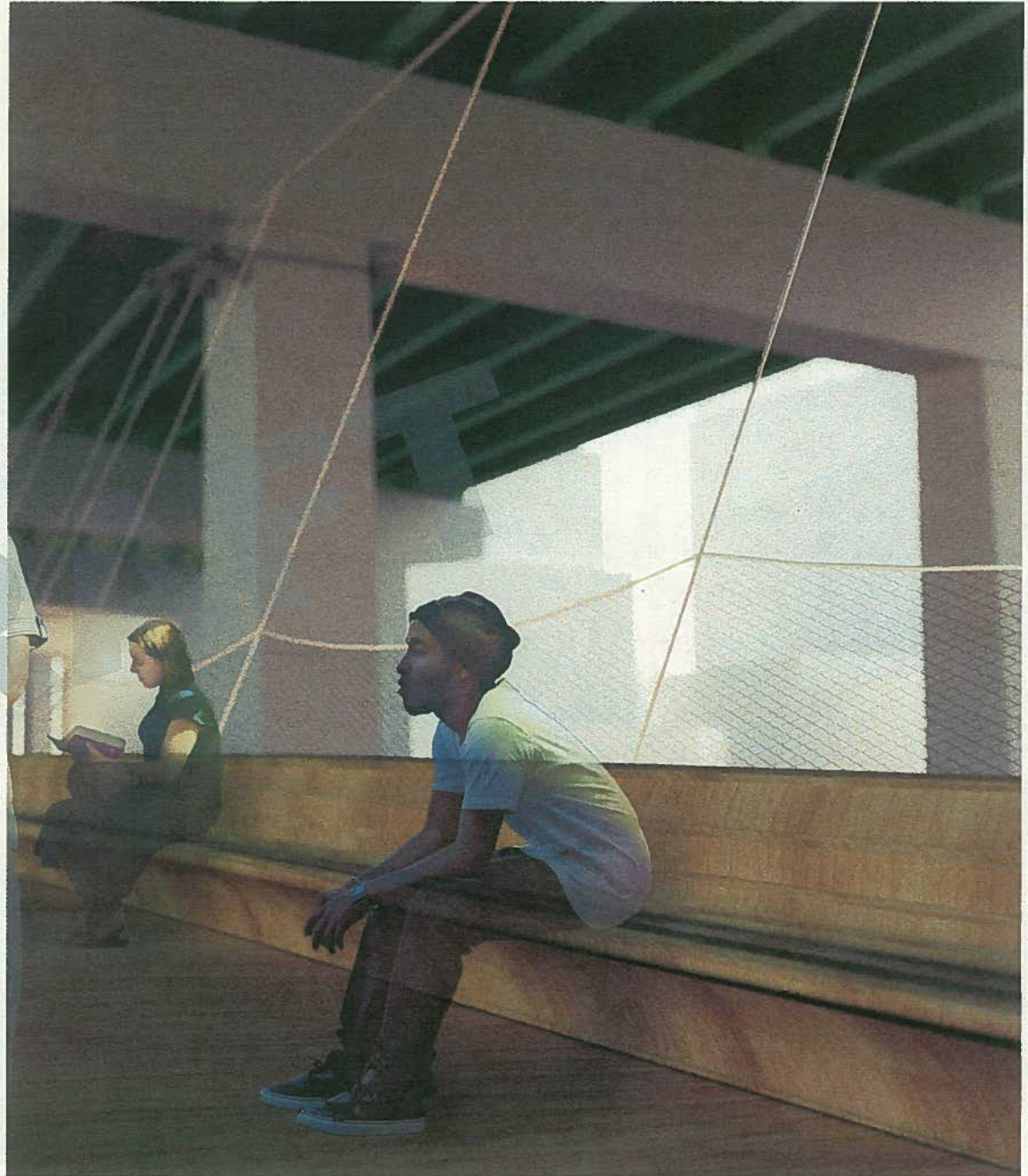
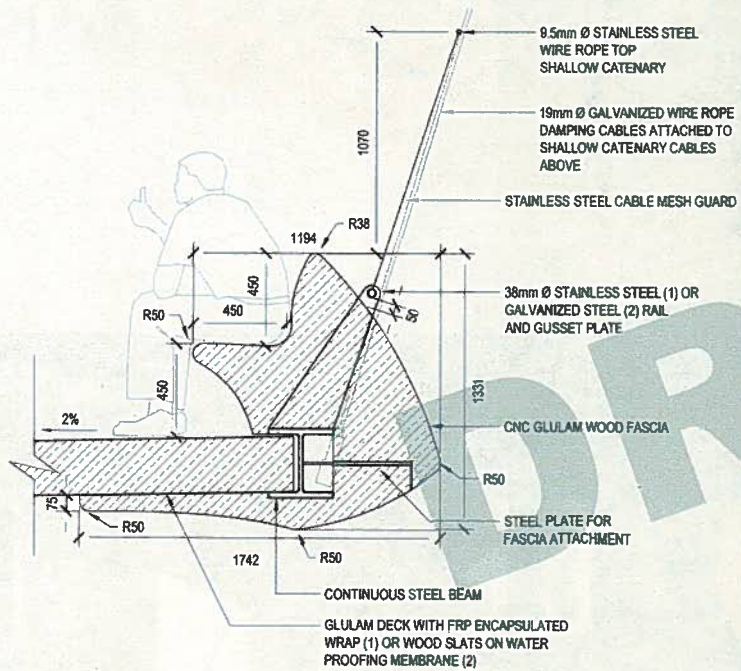


ELEVATED CROSSING Suspended Deck Section

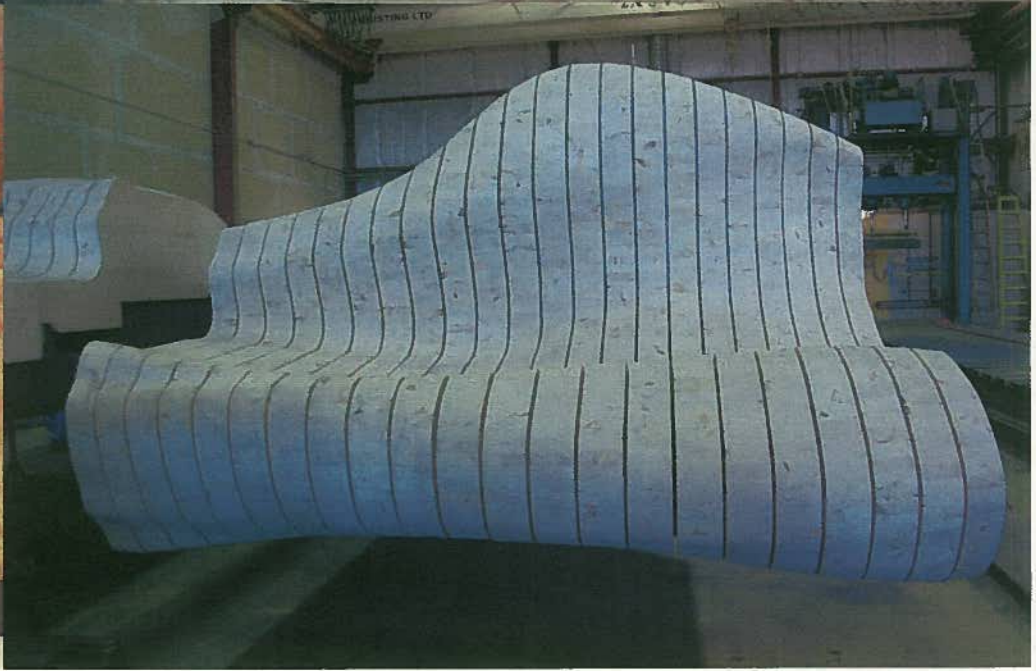
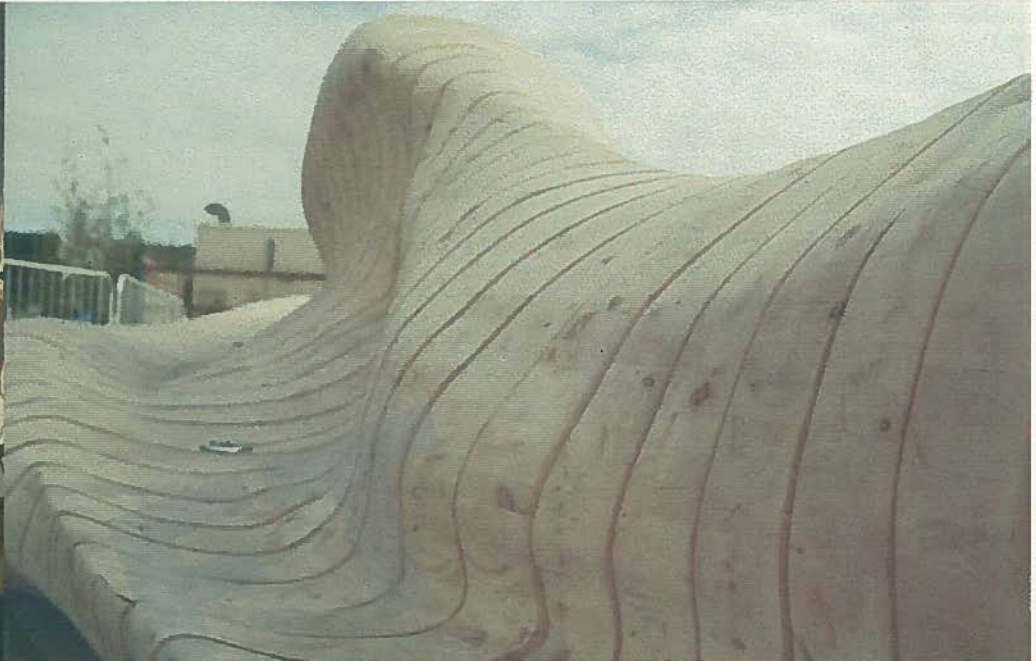
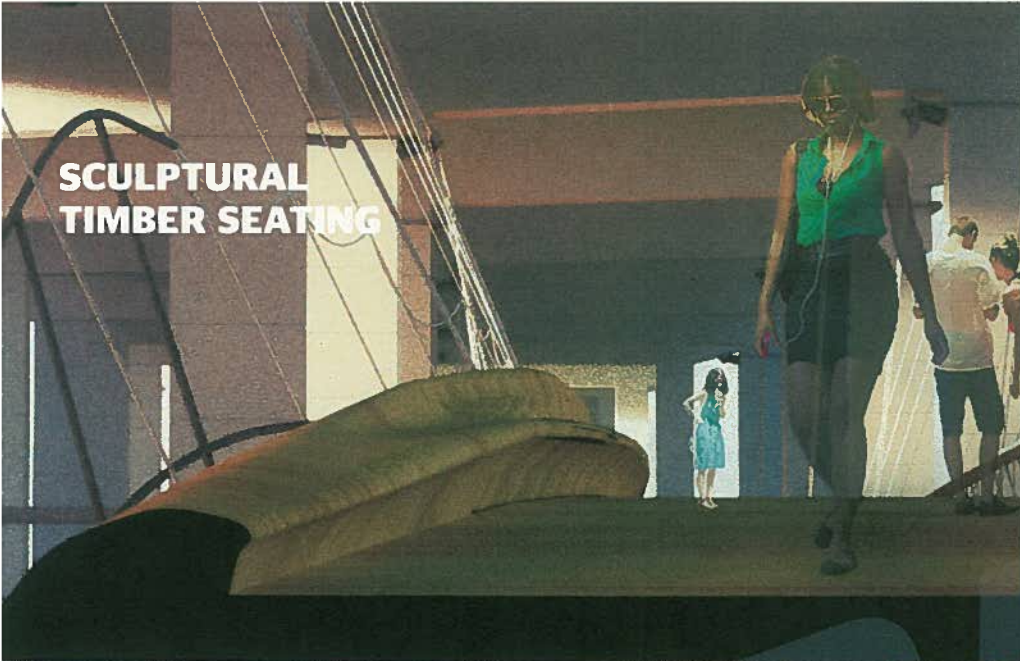




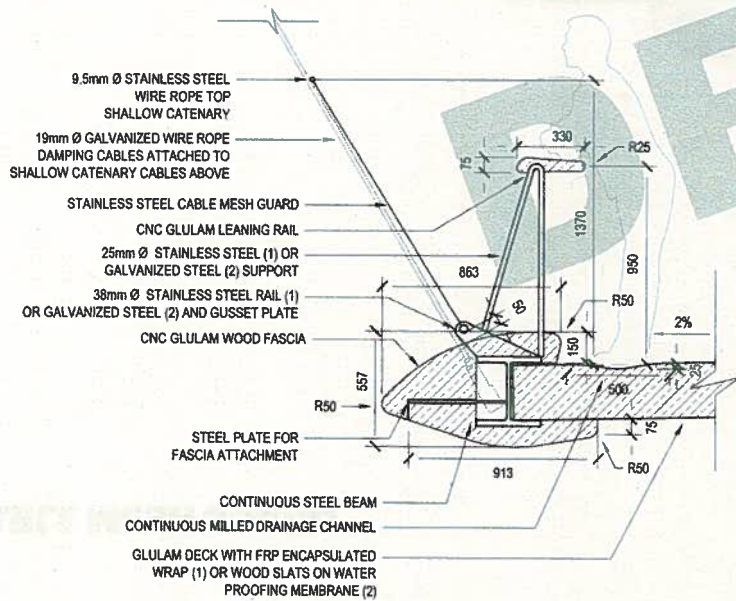
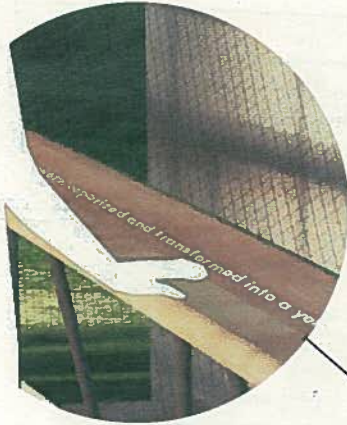
SCULPTURAL TIMBER SEATING



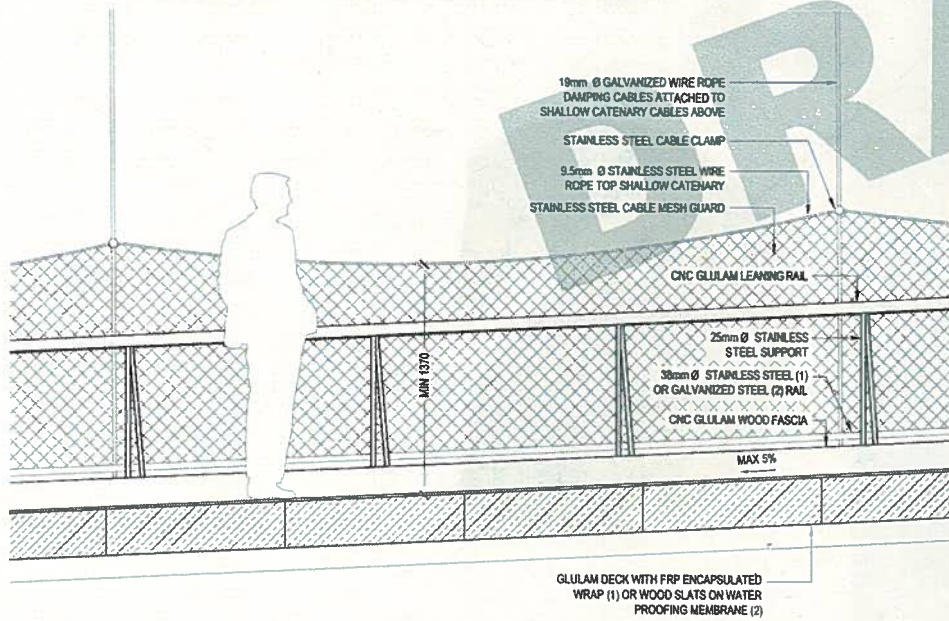
**SCULPTURAL
TIMBER SEATING**



LEANING RAIL



CABLE MESH GUARD

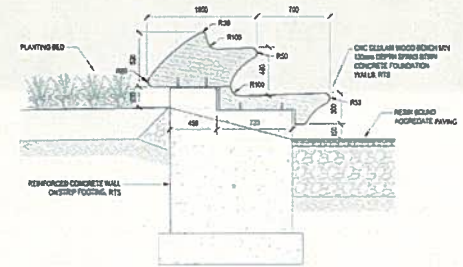
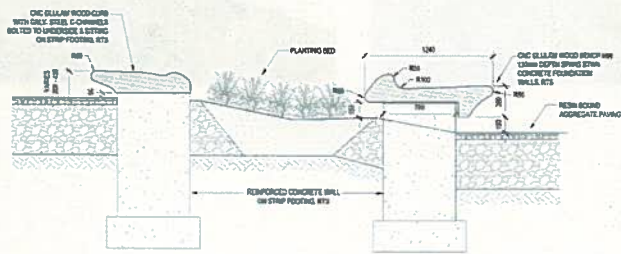
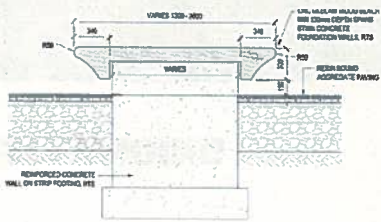
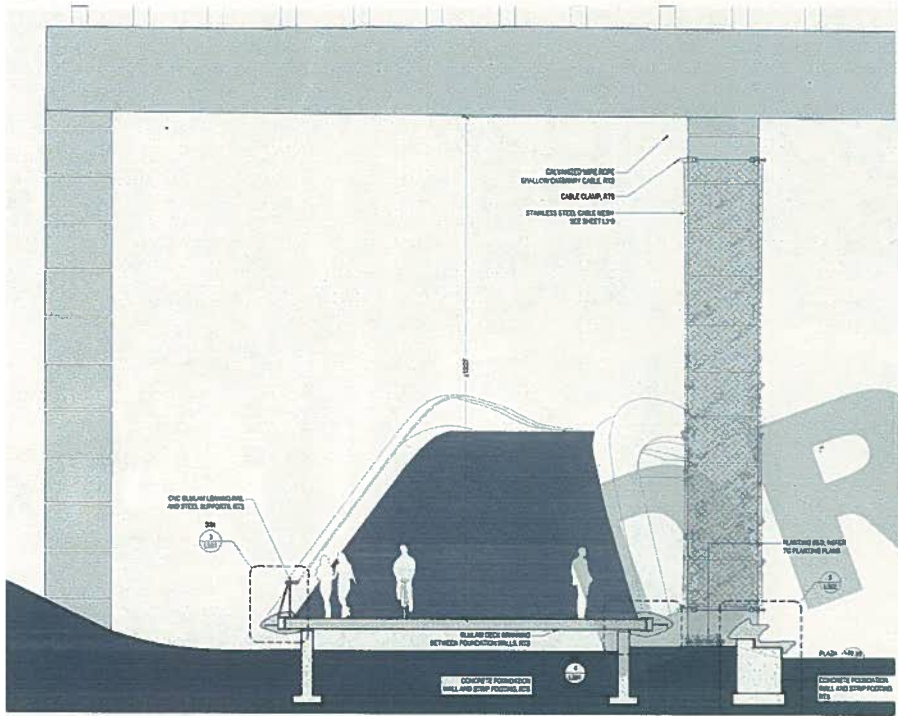


WEST LANDING

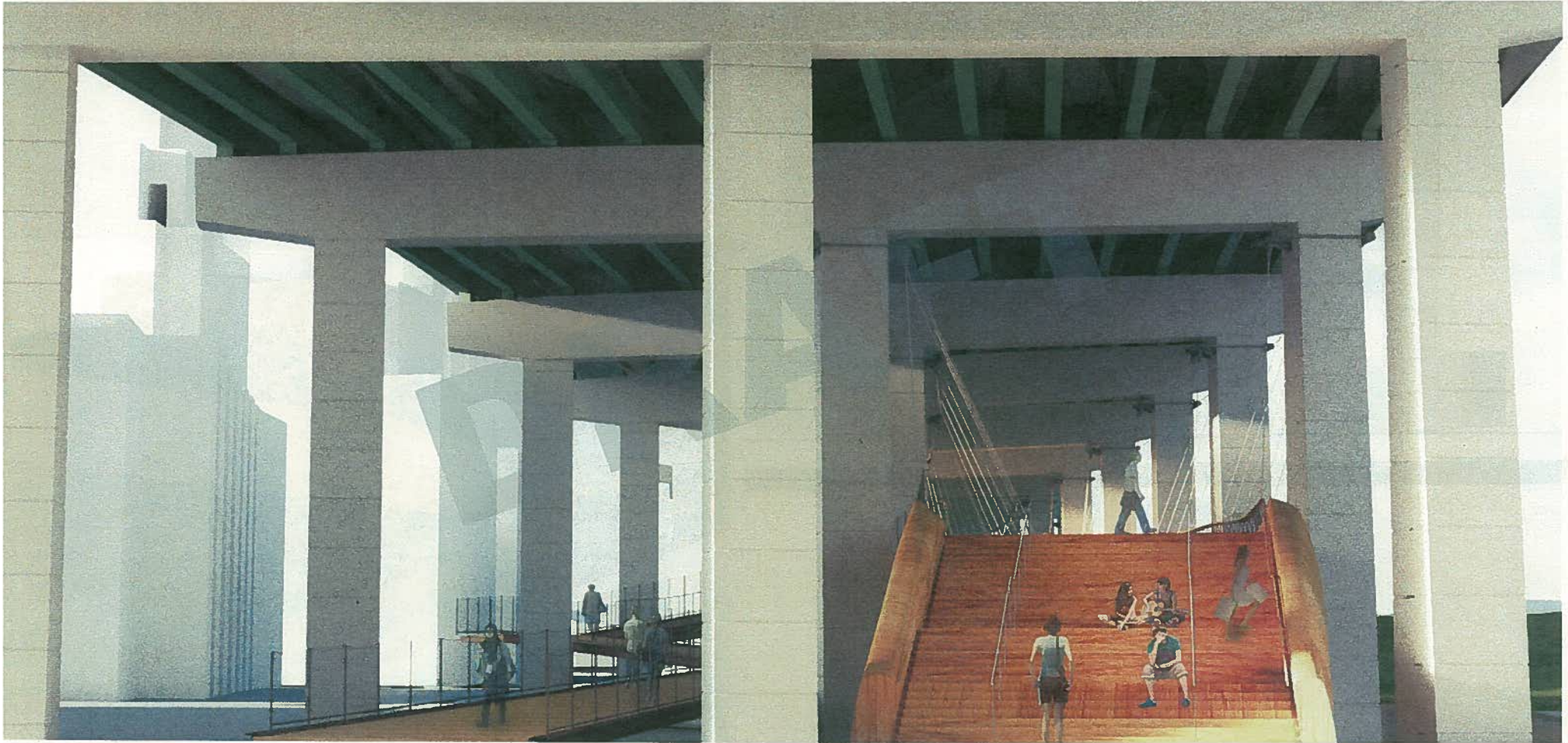


WEST LANDING

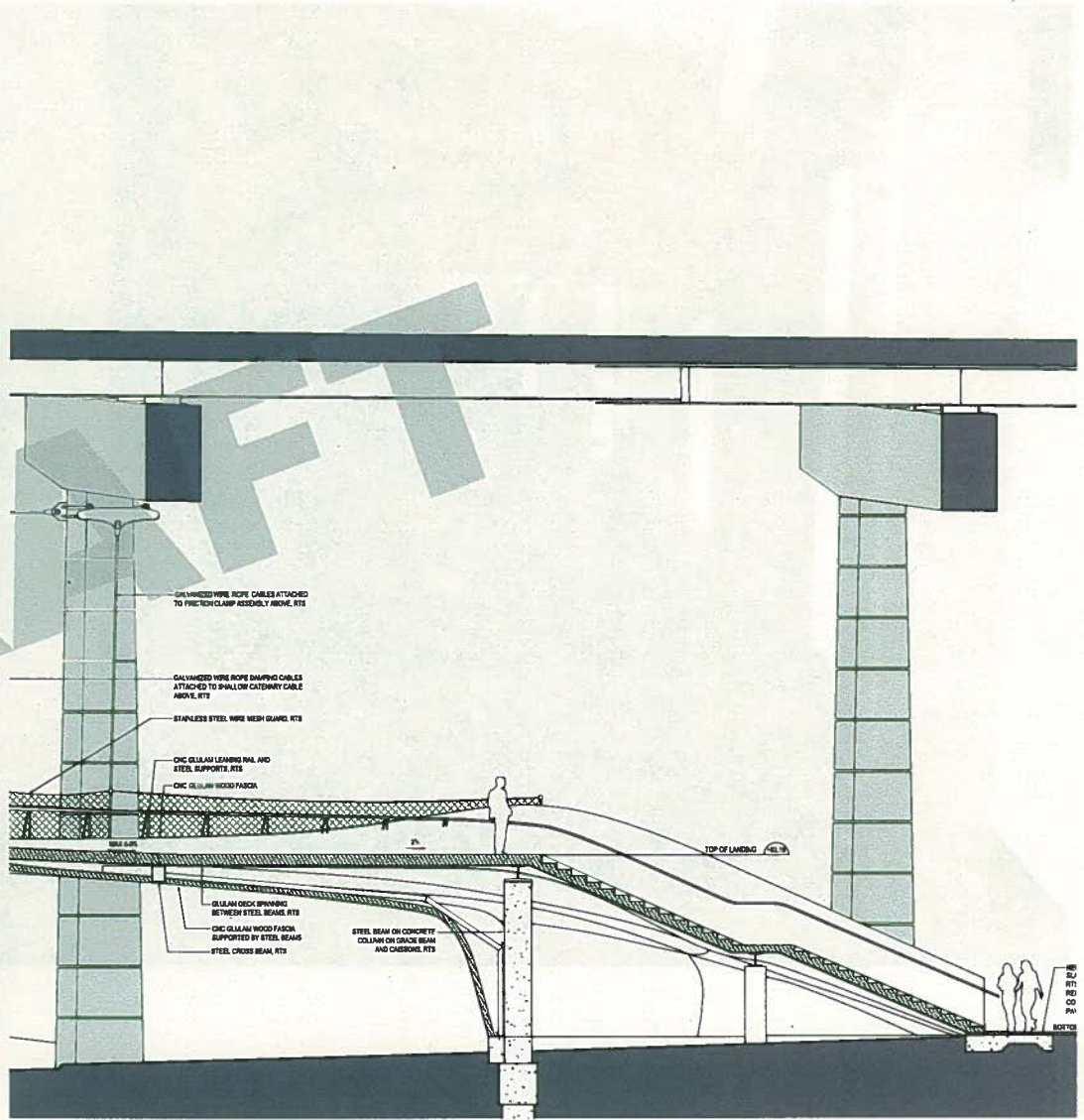
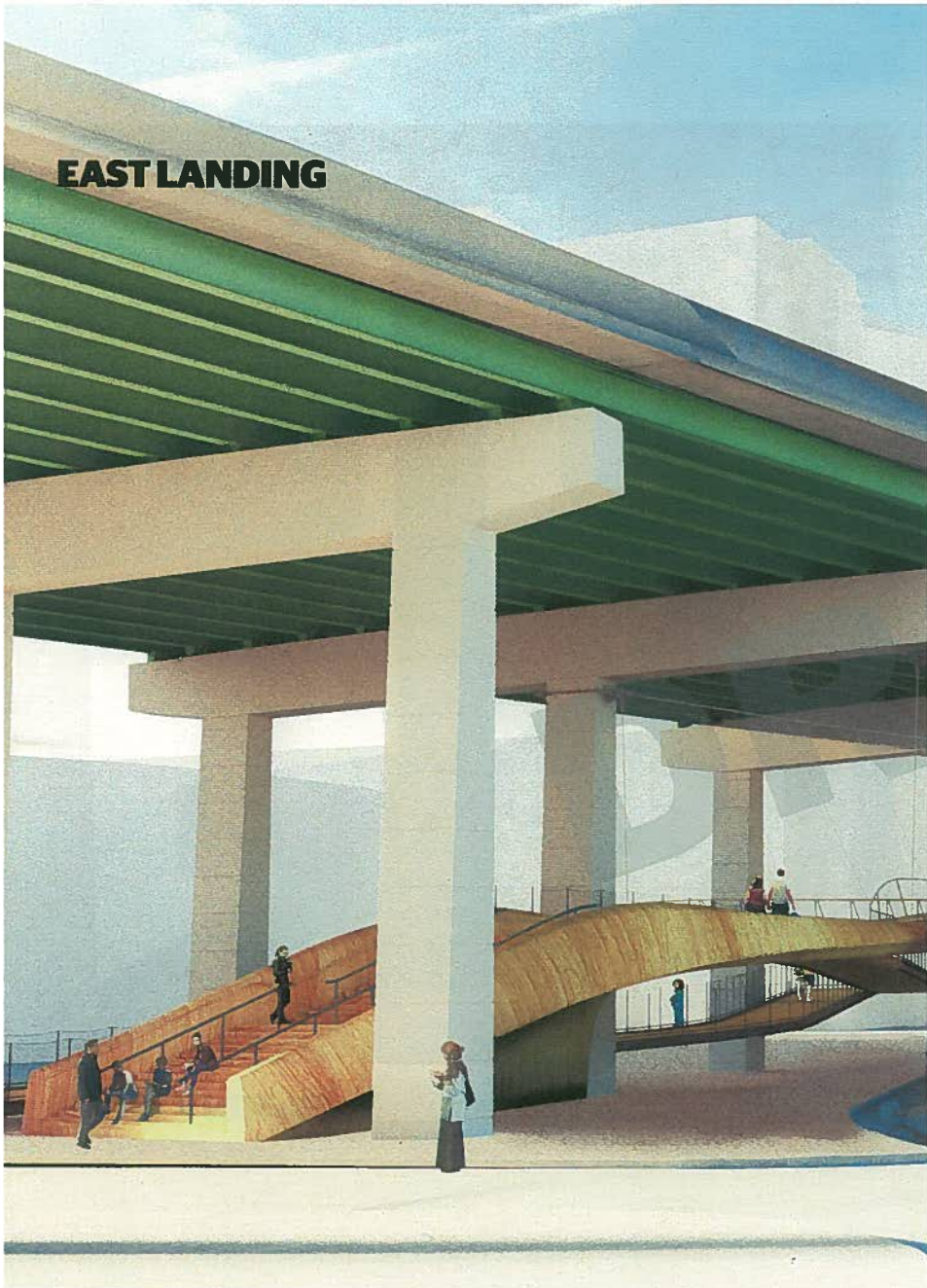
WEST LANDING



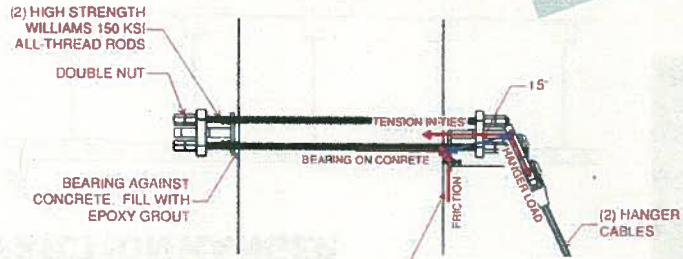
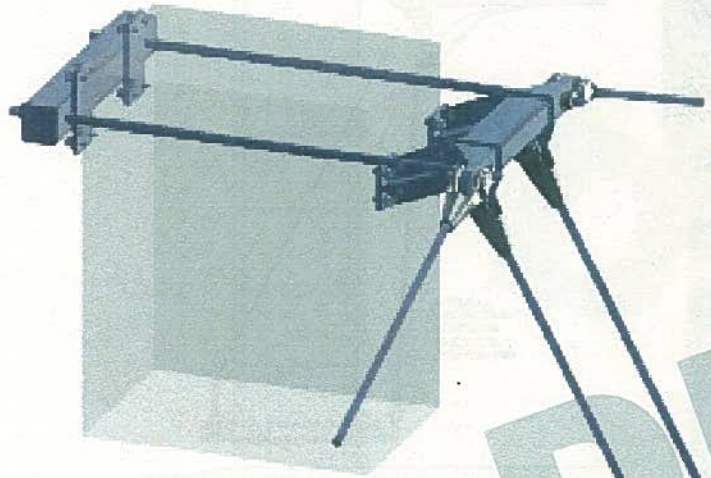
EAST LANDING



EAST LANDING



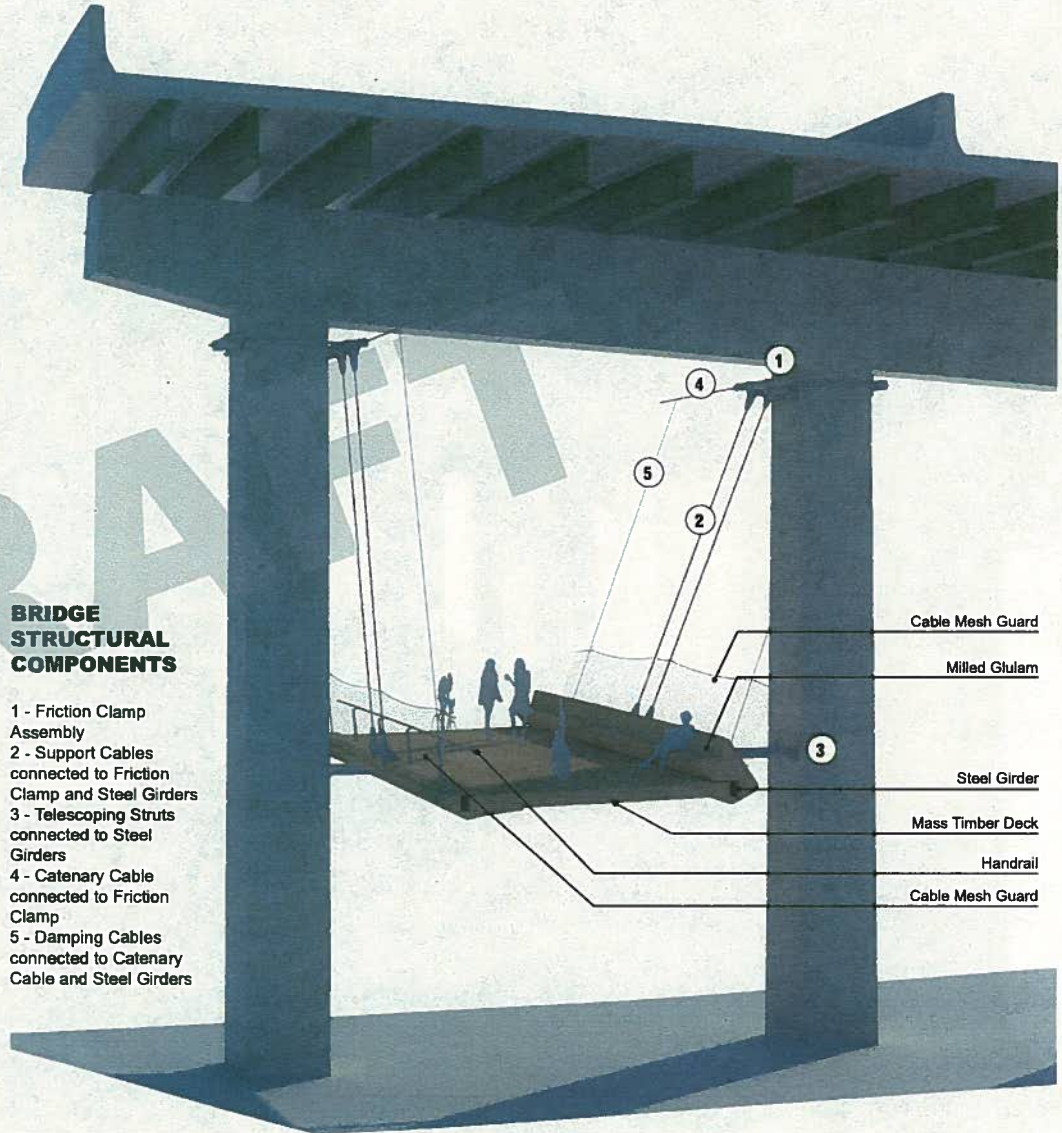
FRICION HANGER



CONNECTION IS FAIL SAFE AGAINST SLIP BECAUSE THE BEARING FORCE ON THE CONCRETE IS GENERATED BY THE HANGING WEIGHT OF THE BRIDGE

BRIDGE STRUCTURAL COMPONENTS

- 1 - Friction Clamp Assembly
- 2 - Support Cables connected to Friction Clamp and Steel Girders
- 3 - Telescoping Struts connected to Steel Girders
- 4 - Catenary Cable connected to Friction Clamp
- 5 - Damping Cables connected to Catenary Cable and Steel Girders



Cable Mesh Guard

Milled Glulam

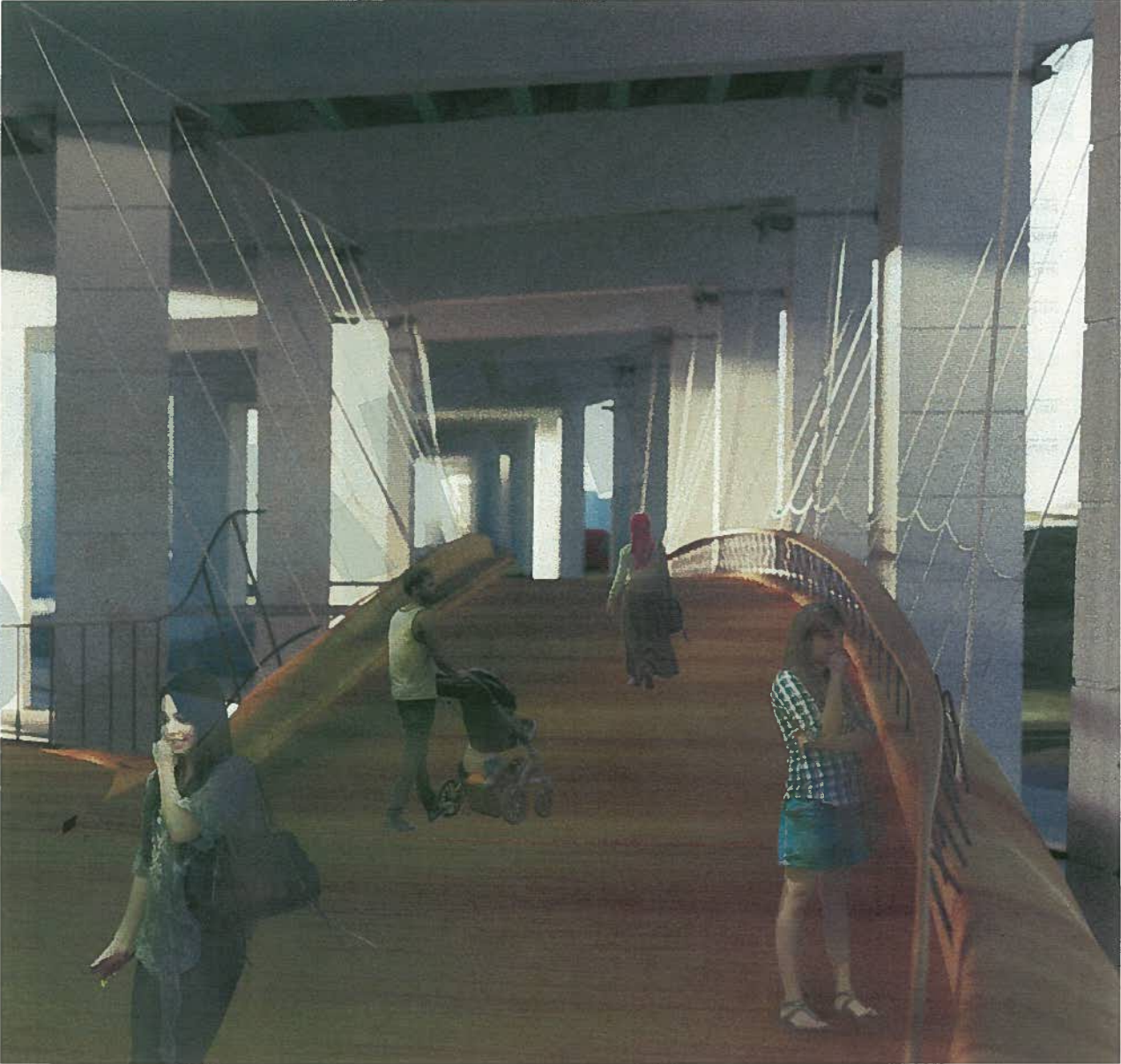
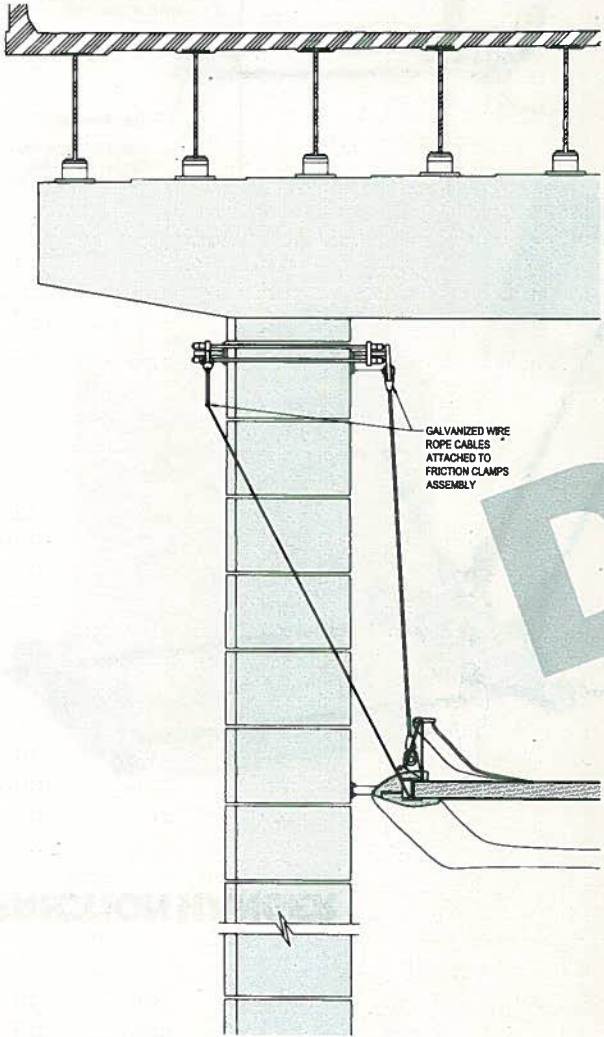
Steel Girder

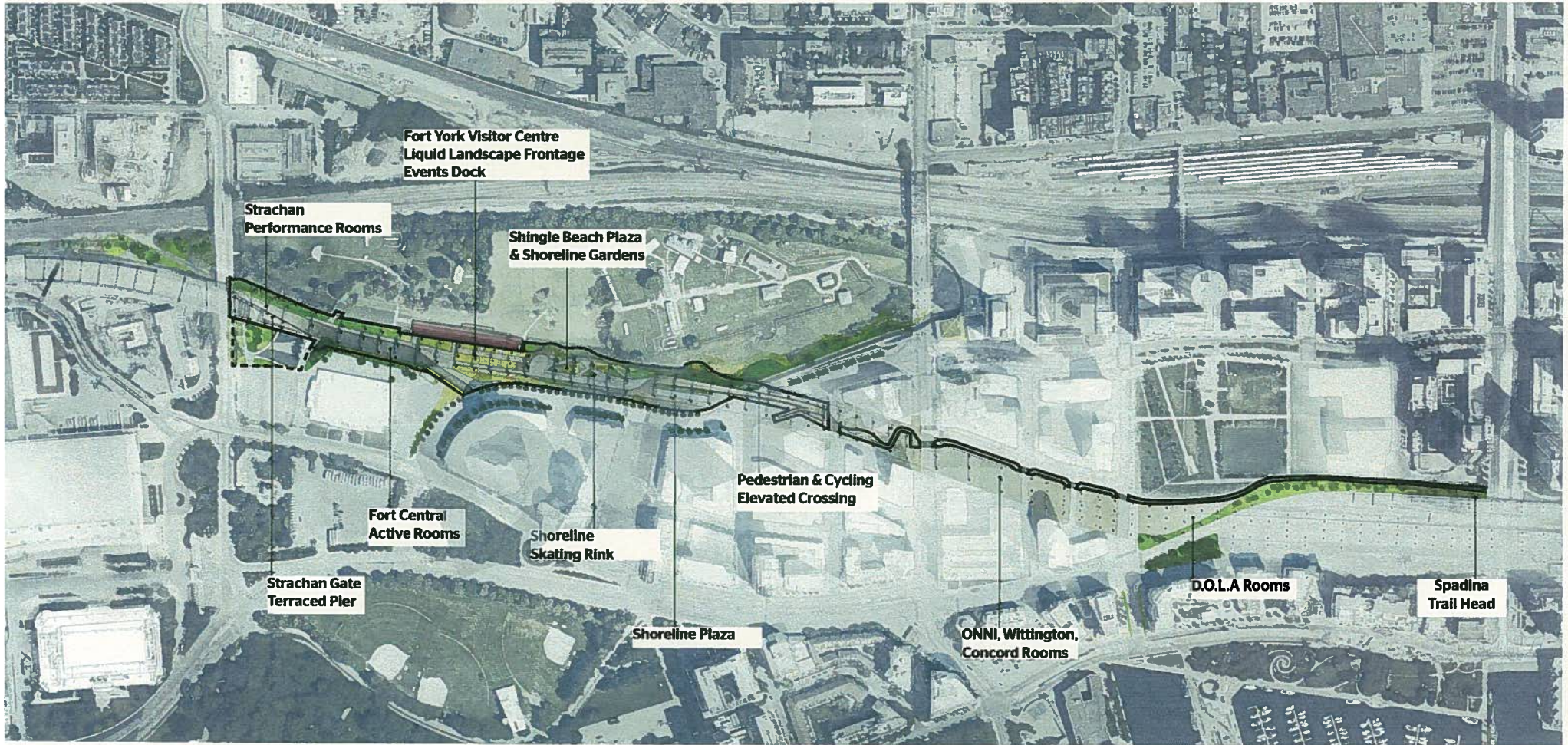
Mass Timber Deck

Handrail

Cable Mesh Guard

FRICTION HANGER





Bents 38-52

West Edge
Creative Action Hub

Bents 53-97

Fort Central
Programmed Landscape

Bents 98-118

East Community
Community Link and Amenities

