

ALBION FALLS SOUTH LOOKOUT PLATFORM DESIGN CONCEPTS



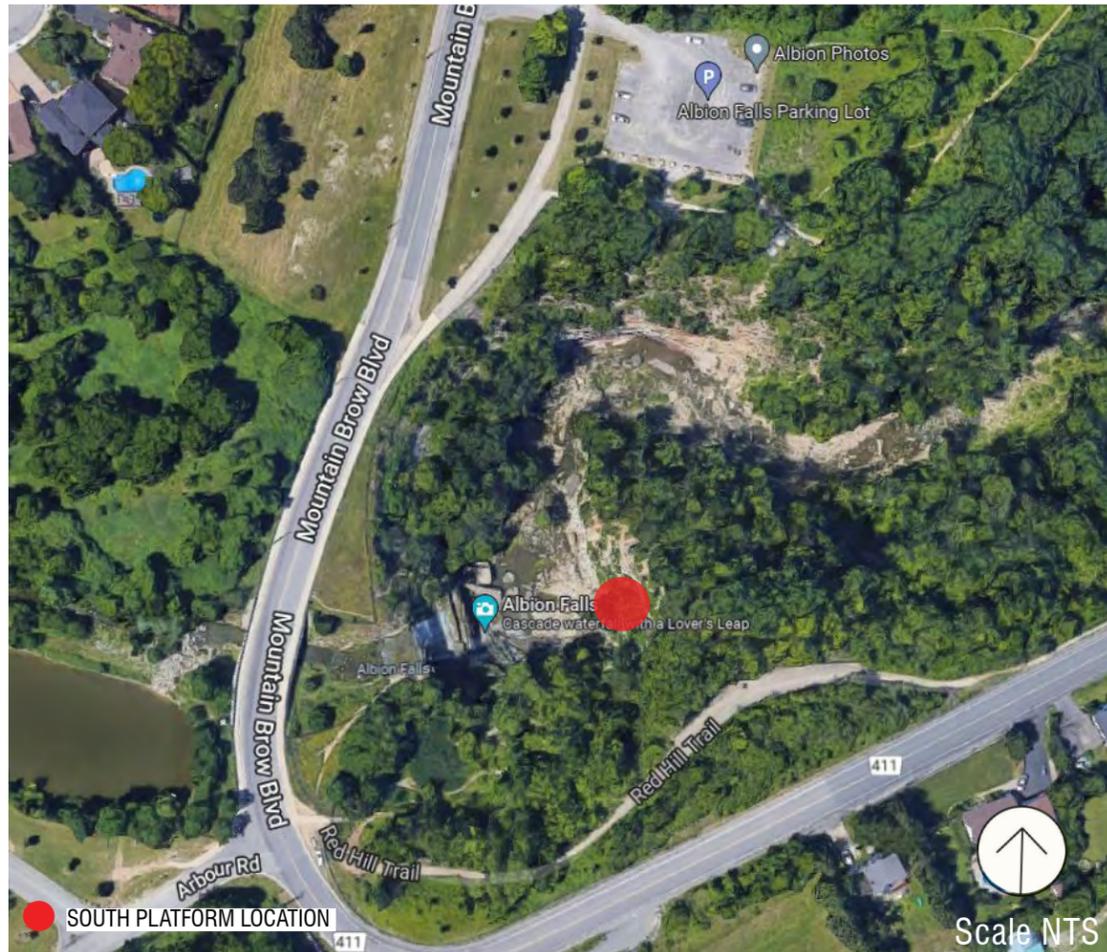
Hamilton
Public Works

ALBION FALLS SOUTH LOOKOUT PLATFORM DESIGN

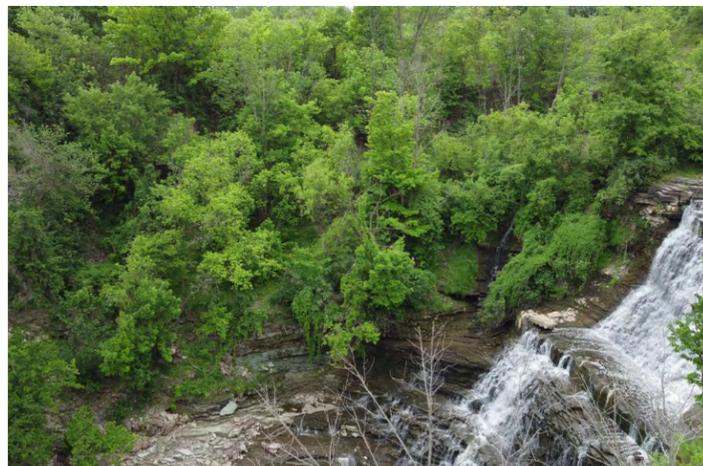
885 MOUNTAIN BROW BLVD, HAMILTON, ON
PROJECT NO: 21-137 | Contract Number: C11-40-21
DATE: 2022.07.27

The logo for sdg, consisting of the lowercase letters 'sdg' in white on a dark blue, leaf-like background.

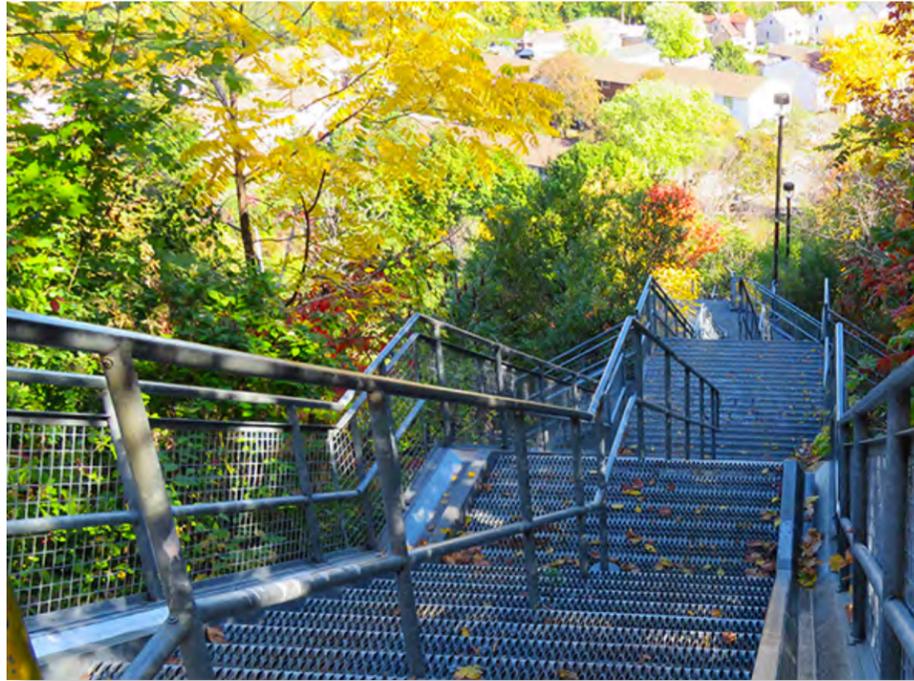
sdg



SITE MAP: ALBION FALLS, HAMILTON



EXISTING CONDITIONS



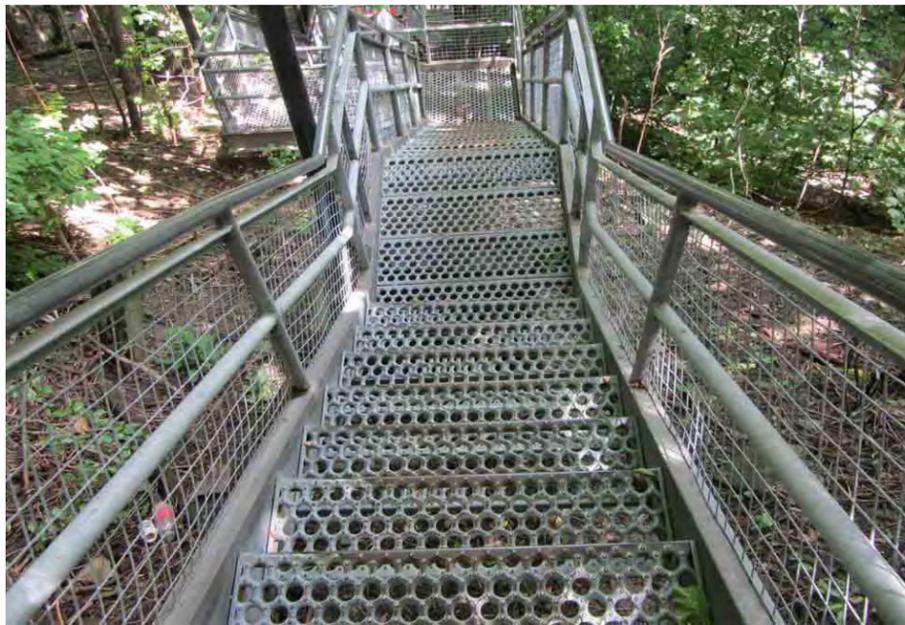
KENILWORTH STAIRS



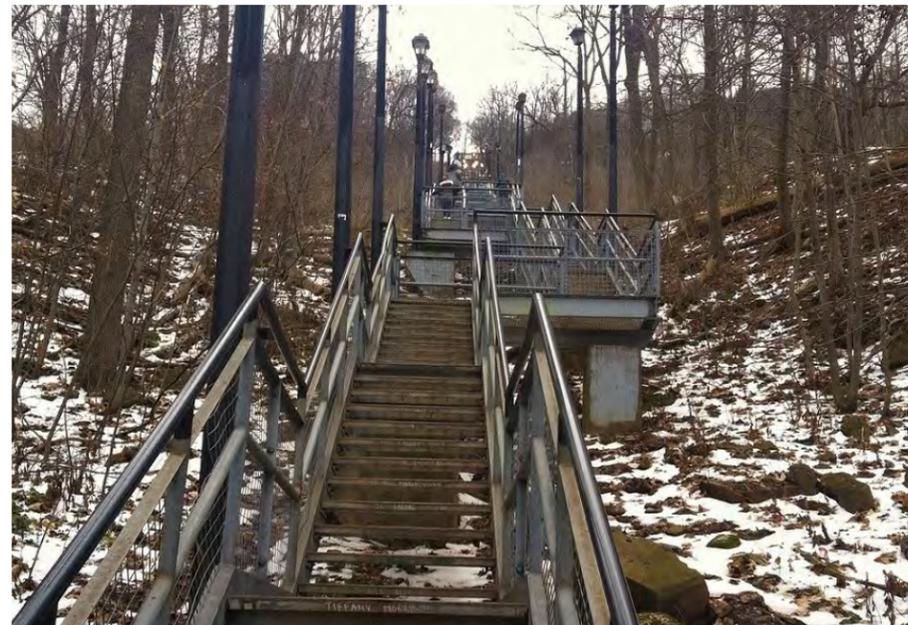
JAMES STREET STAIRS



DUNDURN STAIRS



CHEDOKE STAIRS

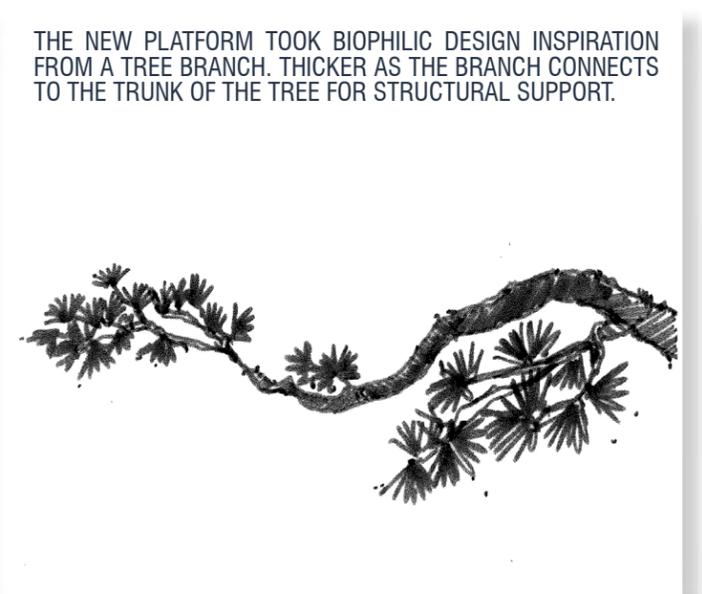
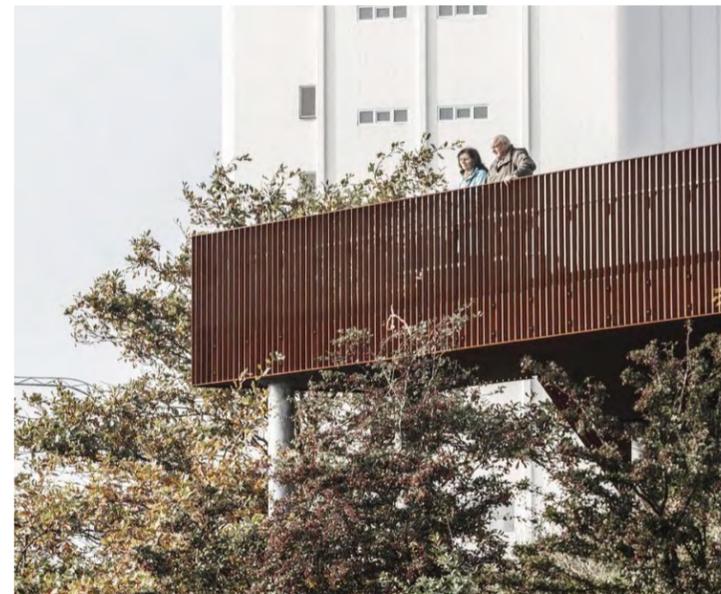
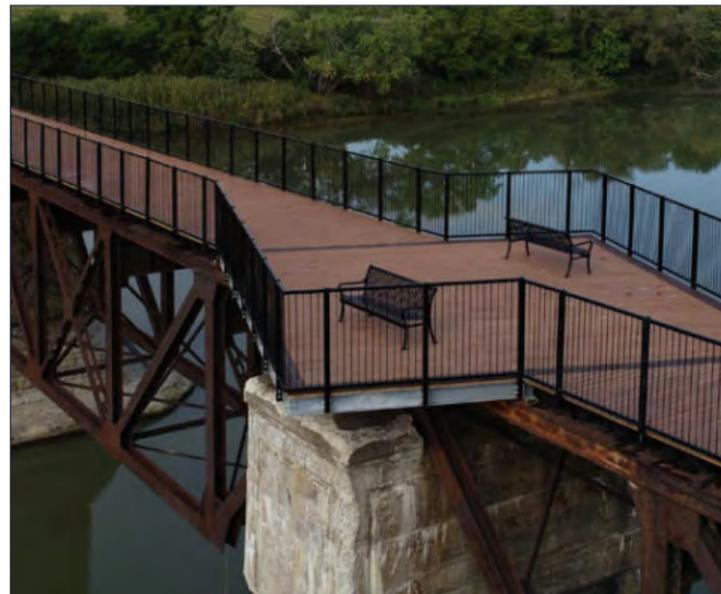


WENTWORTH STAIRS

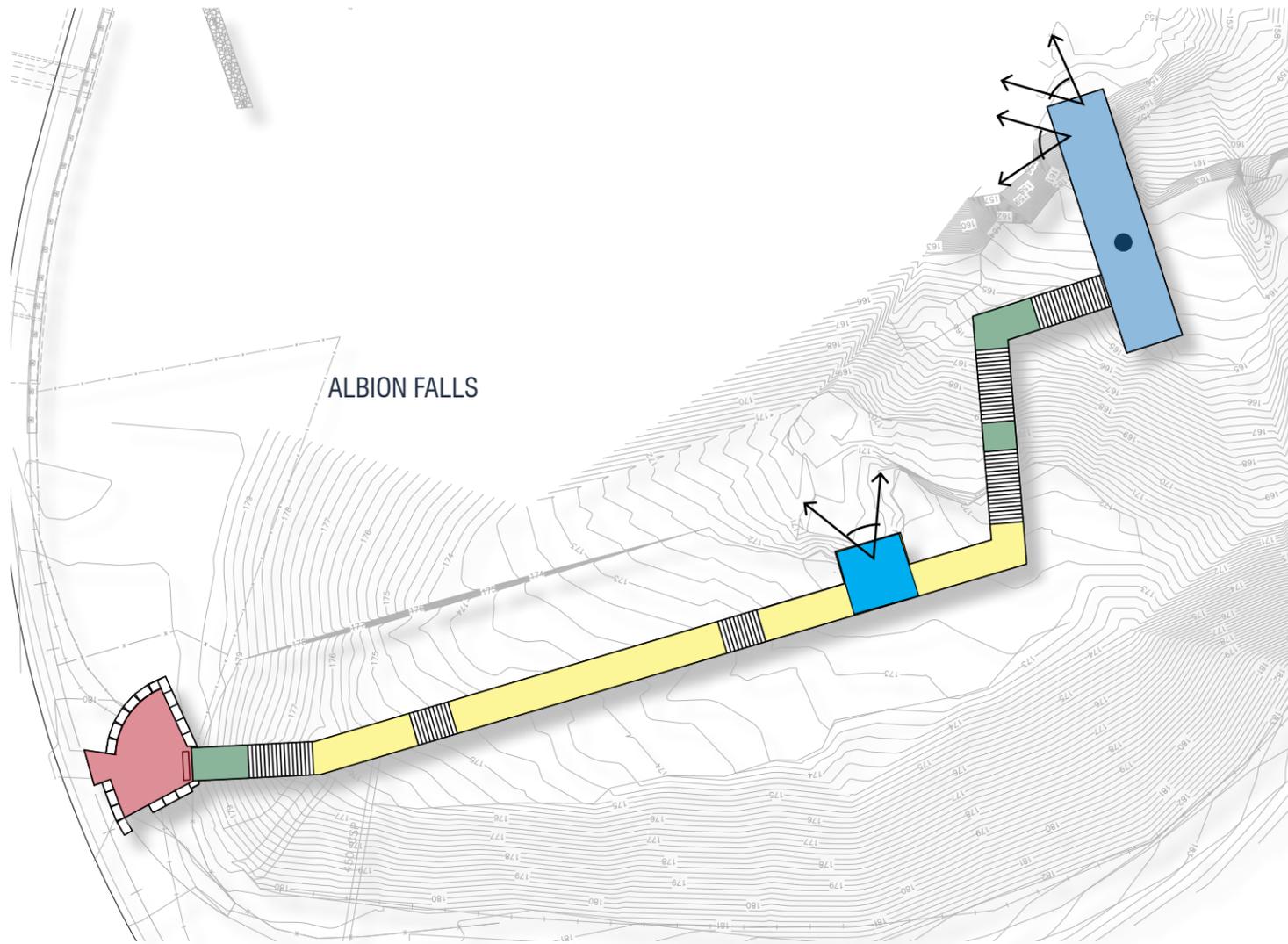


WEST CHEDOKE WATERFALLS PLATFORM

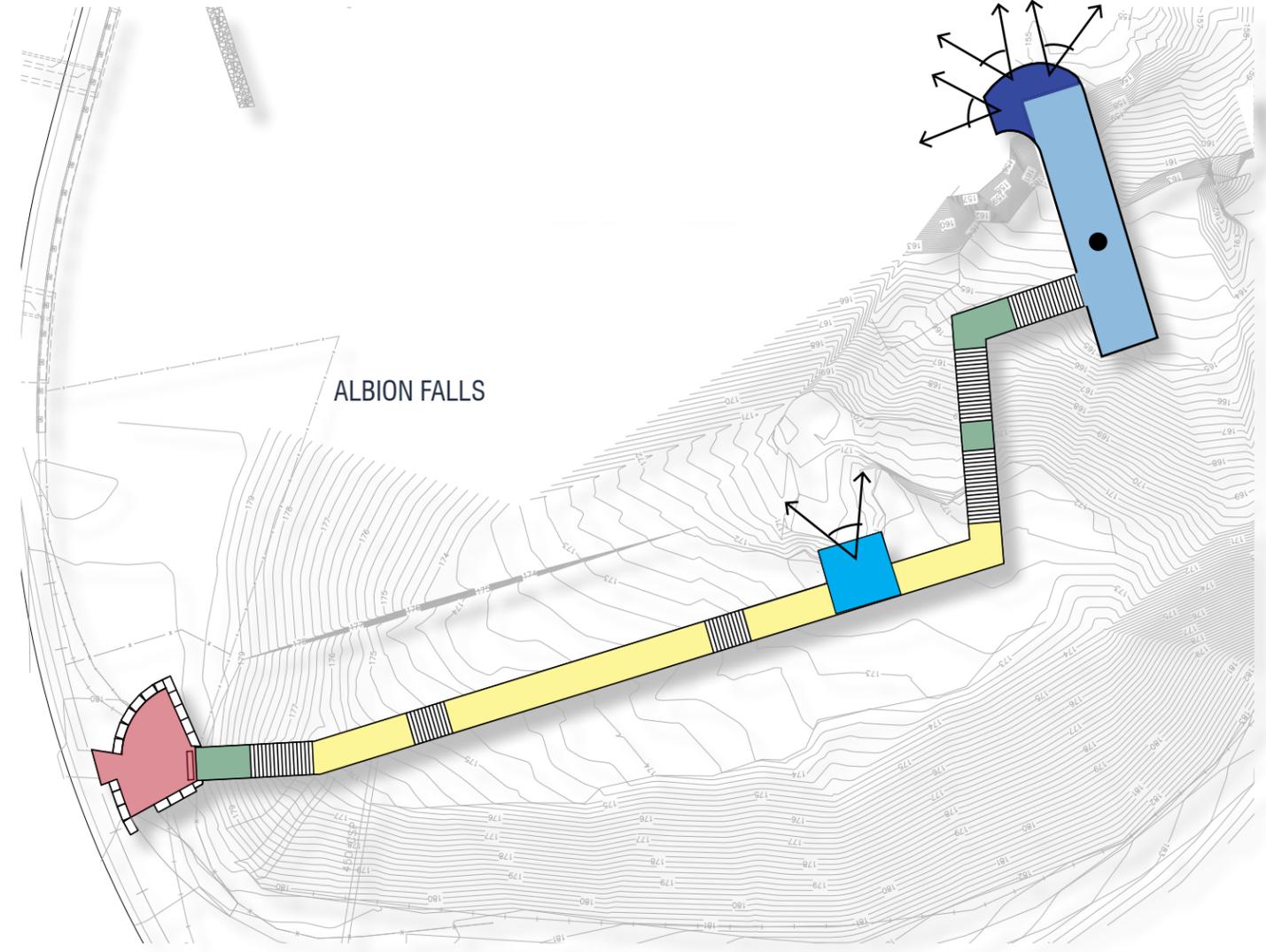
EXISTING CITY STAIRCASES & LOOKOUTS



PRECEDENT IMAGERY AND INSPIRATION



WOODLINE LOOKOUT
CONCEPT A



SERPENTINE LOOKOUT
CONCEPT B

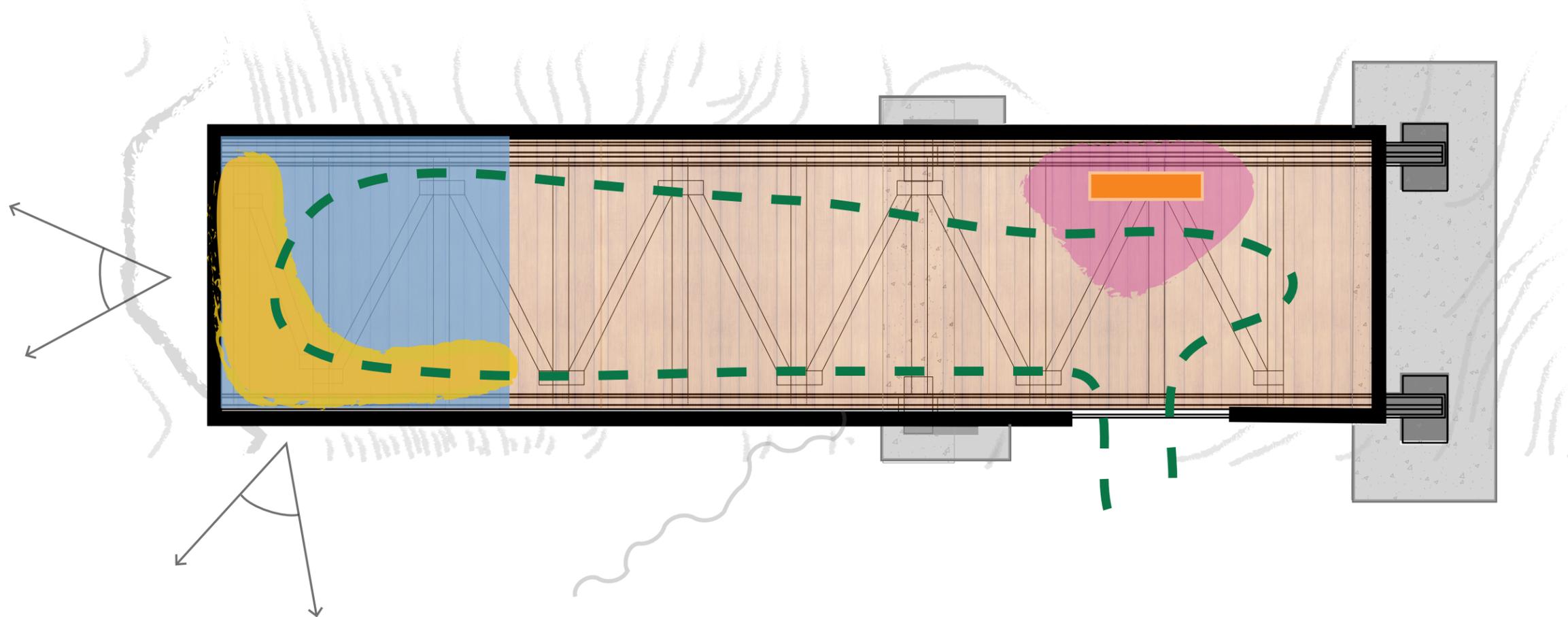
LEGEND

- VIEWING PLATFORM (MAJOR)
- ELEVATED BOARDWALK
- MAXIMIZED VIEW OF FALLS
- VIEWING PLATFORM EXTENSION (MAJOR)
- CONCRETE ENTRY PLAZA
- ELEVATED LANDING AREA
- VIEWING LANDING (MINOR)

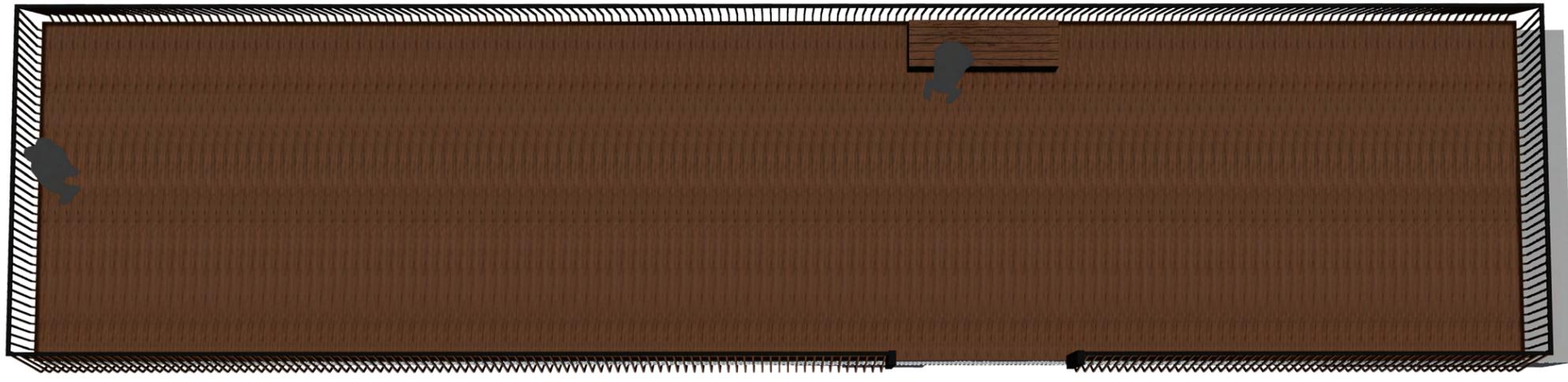


Scale NTS

SITE PLAN CONCEPT OVERVIEW



- LEGEND**
- MAIN VIEWING AREA
 - HIGH DENSITY PEDESTRIAN CIRCULATION
 - FALLS OUTLOOK
 - GATHERING/ SEATING ZONES
 - MAXIMIZED VIEW OF FALLS
 - EXISTING VEGETATION
 - LOOKOUT SEATING



**WOODLINE LOOKOUT
CONCEPT A**

Scale NTS



PROJECT GOALS

- ① IMPROVE ACCESS AND VIEWS TO ALBION FALLS
- ② PROTECT THE SITE'S NATURAL AND CULTURAL HERITAGE
- ③ ACHIEVE SHORT-TERM AND LONG-TERM SAFETY
- ④ ENSURE THE STRUCTURE IS LOW-MAINTENANCE AND HAS A LONG PRODUCT LIFE-CYCLE

MATERIALITY

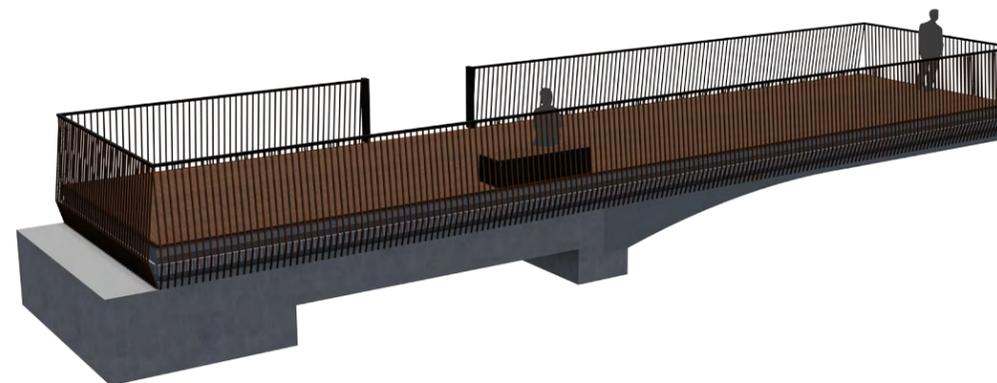
- ⑤ CONSTRUCTIBLE, DURABLE, AND MAINTAINABLE
- ⑥ REFLECTIVE OF THE SITE'S NATURAL AND CULTURAL HERITAGE
- ⑦ BLEND INTO THE LANDSCAPE TO HELP MITIGATE THE VISUAL IMPACT TO THE ESCARPMENT FEATURE

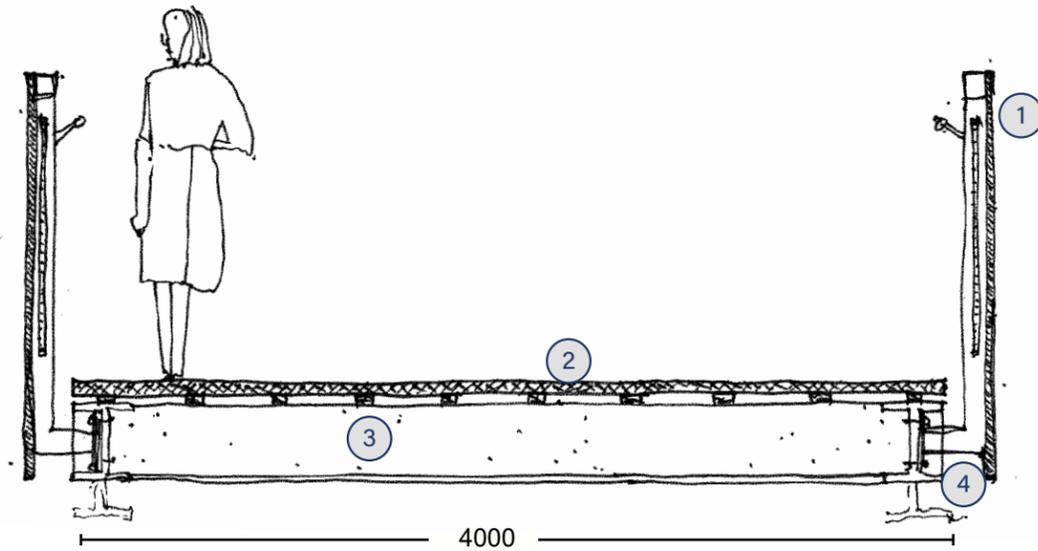
STRUCTURAL

- ⑧ REMOVED OVERHEAD STEEL BEAMS, AND POSITIONED STRUCTURAL SUPPORTS UNDERNEATH THE PLATFORM TO AVOID OBSTRUCTING VIEWS AND PRESERVE THE NATURAL SCENERY OF THE ESCARPMENT
- ⑨ REPLACED THE GALVANIZED STEEL RAILING WITH CORTEN STEEL. THE WEATHERING STEEL WILL NATURALLY AGE, ADDING TO THE HISTORICAL APPEAL OF THE SITE
- ⑩ REPLACED THE CONCRETE PLATFORM WITH COMPOSITE DECKING FOR A LIGHTER BASE & COST-EFFECTIVE SOLUTION



PREVIOUS DESIGN





LEGEND

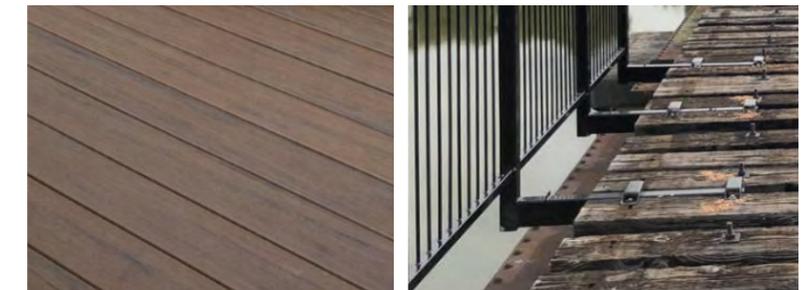
- ① CORTEN RAILING
- ② COMPOSITE DECKING
- ③ STEEL STRUCTURE SUPPORTUNG PLATFORM FROM BELOW
- ④ EXTERIOR HANDRAIL MOUNT

AZEK DECKING

- 10-YEAR LIMITED COMMERCIAL WARRANTY
- WUI-COMPLIANT (FIRE-RESISTANT)
- HIGHLY COLOR-BLENDED. **30 YEAR FADE & STAIN WARRANTY**
- HIGH-QUALITY PRODUCT COMPOSED OF UP TO **80% RECYCLED MATERIAL**
- **MOLD GUARD TECHNOLOGY** TO PREVENT MOISTURE DAMAGE (MOLD RESISTENT)
- CATHEDRAL WOOD GRAIN FINISH (ANTI-SLIP)
- WILL NOT GET DAMAGED FROM SALTING



FRONT VIEW



DARK ROAST

EXTERIOR HANDRAIL MOUNTING EXAMPLE (PRIOR TO DECKING BEING APPLIED)



CORTEN HANDRAIL

WOODLINE LOOKOUT MATERIALS



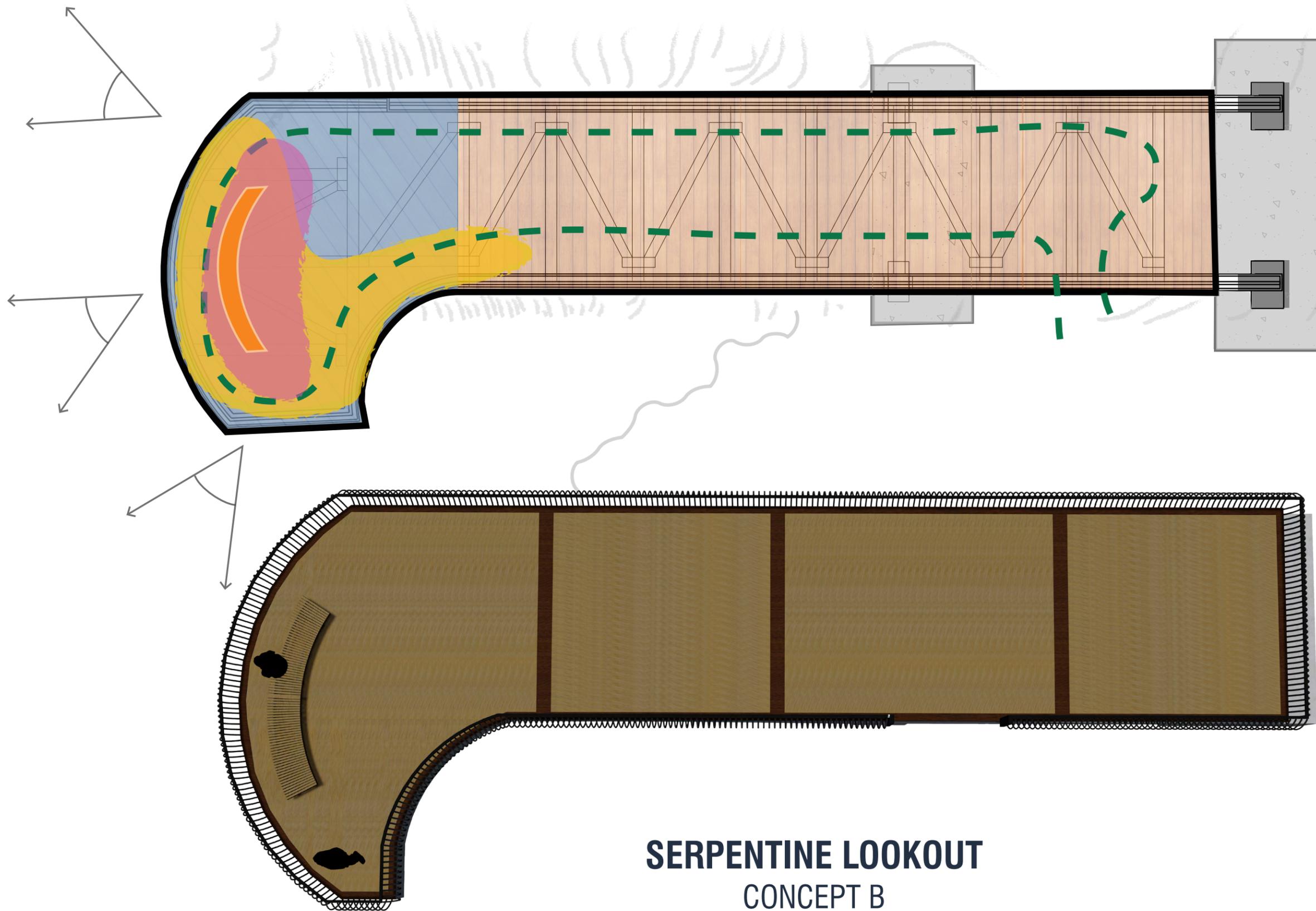
WOODLINE LOOKOUT PERSPECTIVE A



WOODLINE LOOKOUT PERSPECTIVE B



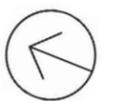
WOODLINE LOOKOUT PERSPECTIVE C



LEGEND

- MAIN VIEWING AREA
- HIGH DENSITY PEDESTRIAN CIRCULATION
- FALLS OUTLOOK
- GATHERING/ SEATING ZONES
- MAXIMIZED VIEW OF FALLS
- EXISTING VEGETATION
- LOOKOUT SEATING

SERPENTINE LOOKOUT CONCEPT B



Scale NTS



PROJECT GOALS

- ① IMPROVE ACCESS AND VIEWS TO ALBION FALLS
- ② PROTECT THE SITE'S NATURAL AND CULTURAL HERITAGE
- ③ ACHIEVE SHORT-TERM AND LONG-TERM SAFETY
- ④ ENSURE THE STRUCTURE IS LOW-MAINTENANCE AND HAS A LONG PRODUCT LIFE-CYCLE

MATERIALITY

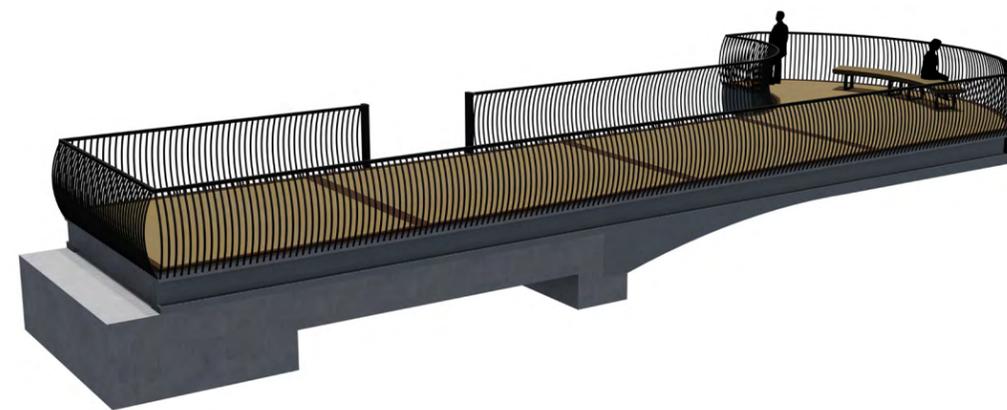
- ⑤ CONSTRUCTIBLE, DURABLE, AND MAINTAINABLE
- ⑥ REFLECTIVE OF THE SITE'S NATURAL AND CULTURAL HERITAGE
- ⑦ BLEND INTO THE LANDSCAPE TO HELP MITIGATE THE VISUAL IMPACT TO THE ESCARPMENT FEATURE

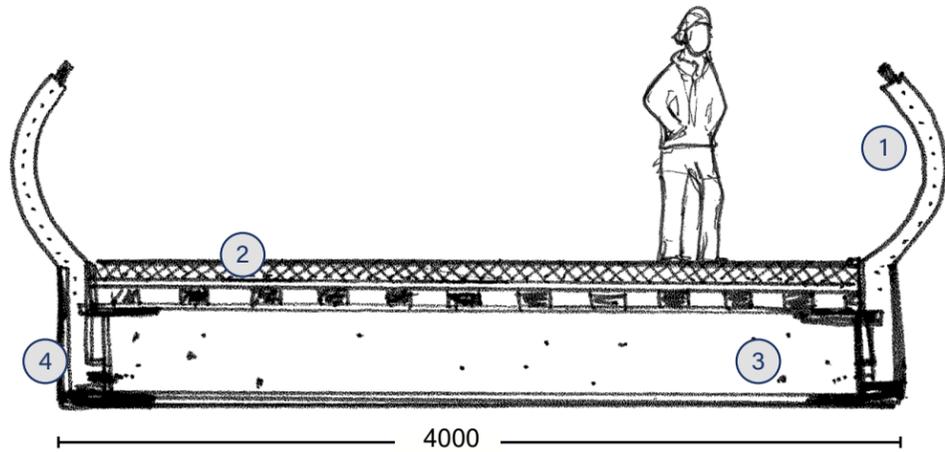
STRUCTURAL

- ⑧ EXTENDED THE PLATFORM FOR A DIRECT VIEW OF THE FALLS. THE CURVED RAILING BALUSTERS ACCENTUATES THE ROUNDED NOSE OF THE PLATFORM.
- ⑨ CURVED RAILING MOUNTED ON THE EXTERIOR WILL GIVE USERS MORE ROOM TO CIRCULATE AND INCREASE SAFETY
- ⑩ REPLACED THE CONCRETE PLATFORM WITH COMPOSITE DECKING FOR A LIGHTER BASE & COST-EFFECTIVE SOLUTION



PREVIOUS DESIGN





LEGEND

- ① CURVED POWDER-COATED RAILING
- ② COMPOSITE DECKING
- ③ STEEL STRUCTURE SUPPORTUNG PLATFORM FROM BELOW
- ④ EXTERIOR HANDRAIL MOUNT

AZEK DECKING

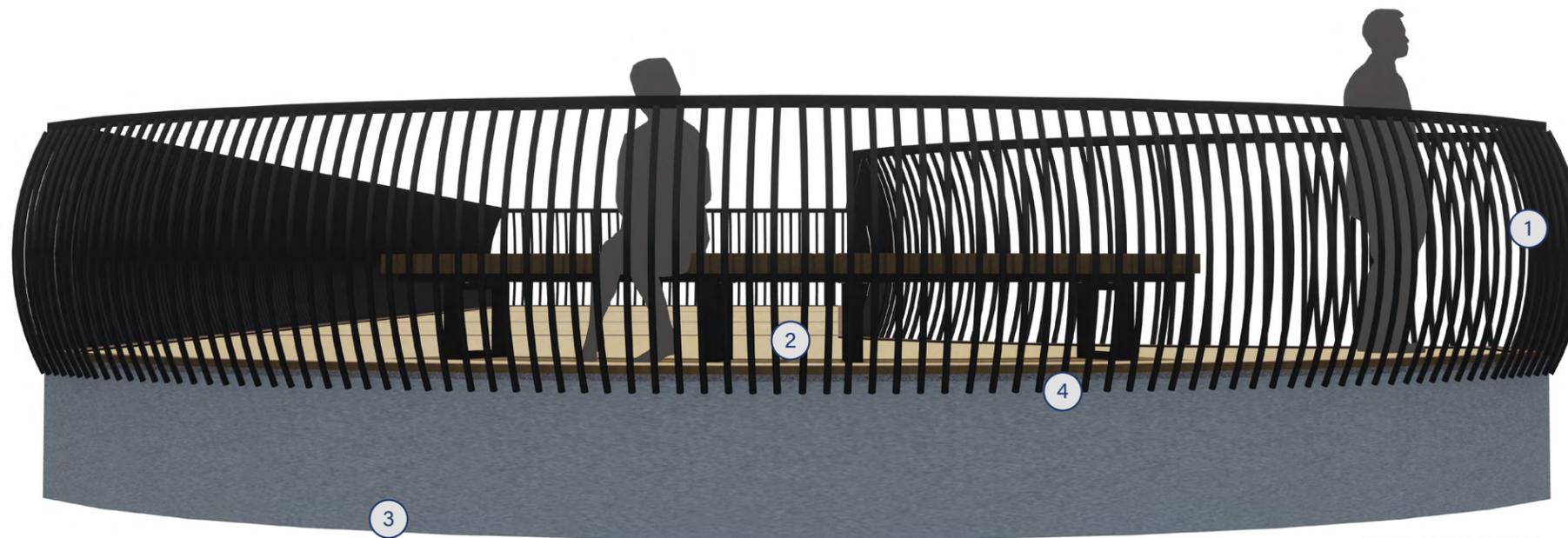
- 10-YEAR LIMITED COMMERCIAL WARRANTY
- WUI-COMPLIANT (FIRE-RESISTANT)
- HIGHLY COLOR-BLENDED. **30 YEAR FADE & STAIN WARRANTY**
- HIGH-QUALITY PRODUCT COMPOSED OF UP TO **80% RECYCLED MATERIAL**
- **MOLD GUARD TECHNOLOGY** TO PREVENT MOISTURE DAMAGE (MOLD RESISTENT)
- CATHEDRAL WOOD GRAIN FINISH (ANTI-SLIP)
- WILL NOT GET DAMAGED FROM SALTING



ANTIQUE DECKING

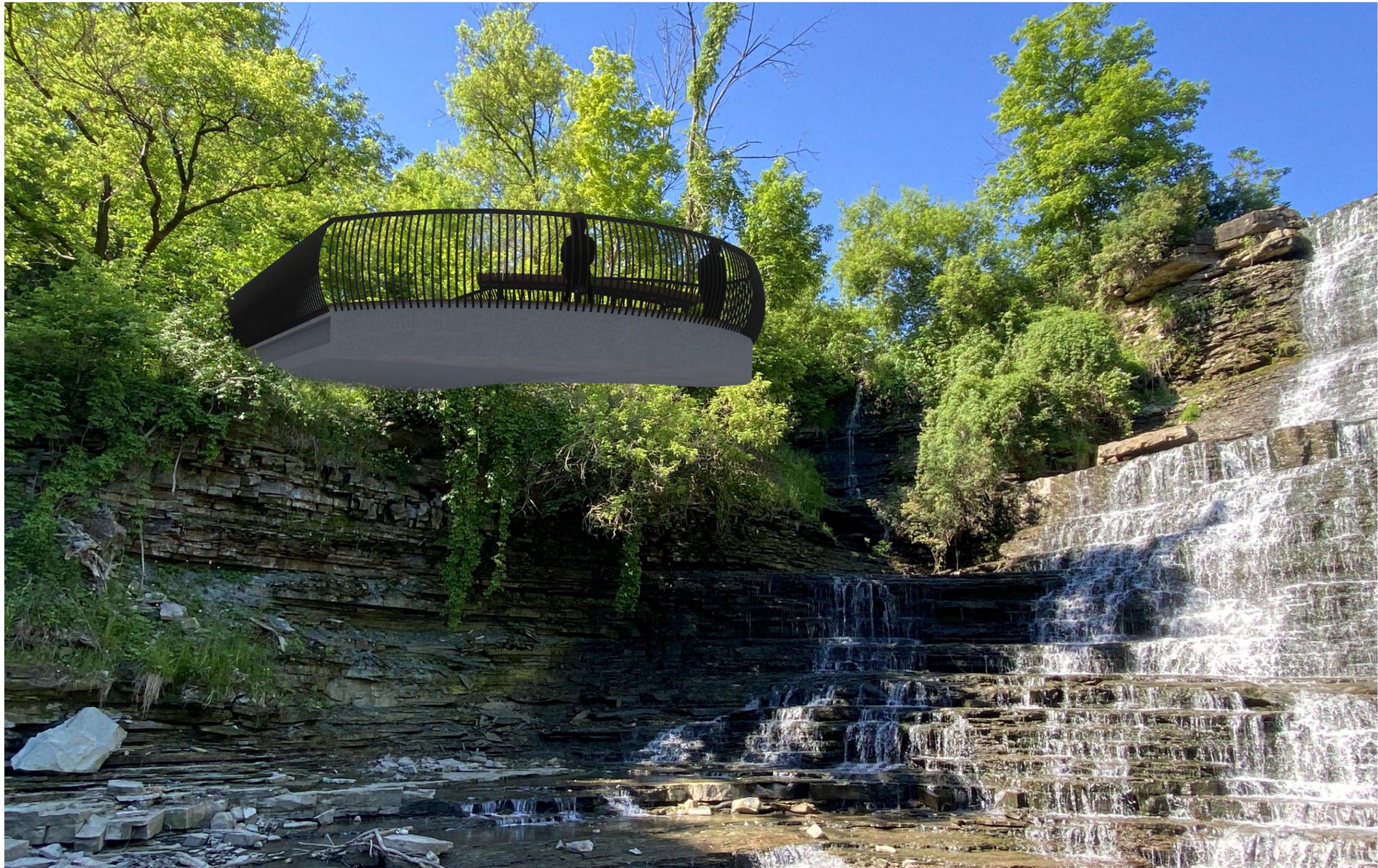


CURVED RAILING



FRONT VIEW

SERPENTINE LOOKOUT MATERIALS



SERPENTINE LOOKOUT PERSPECTIVE A



SERPENTINE LOOKOUT PERSPECTIVE B



SERPENTINE LOOKOUT PERSPECTIVE C