

# Mayo Island Park

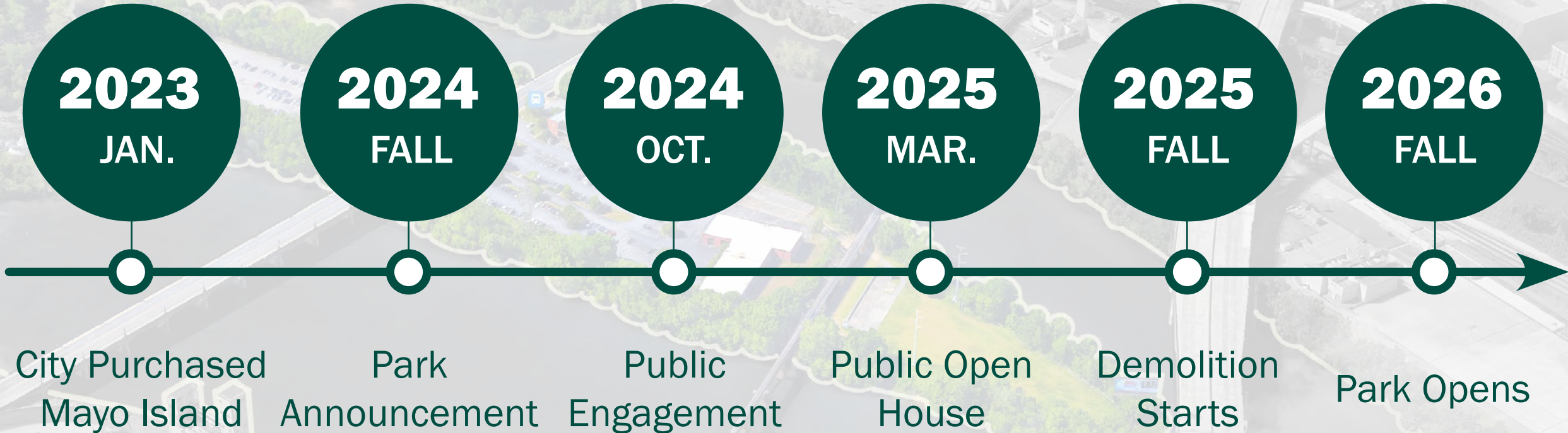


TYI in  
MARVEL



# PROJECT TIMELINE

## MAYO ISLAND PARK





## 1788 MAYO BRIDGE



**TYLin MARVEL**



1870 THE GREAT VIRGINIA FLOOD



1972 HURRICANE AGNES





**1870S PAPER AND WOOD INDUSTRY**



**1978 DESTROYED BY FIRE**





1926 TATE FIELD

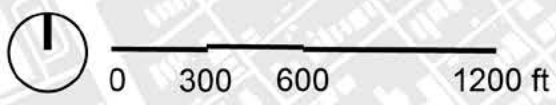


1996 MUSIC FESTIVAL





# FLOOD RISKS



- 100 Year Flood
- 500 Year Flood
- Base Flood Elevation



# RECREATION





# THE SLAVE TRAIL



First African Baptist Church

Richmond's African Burial Ground

Lumpkin's Jail

Reconciliation Statue

Odd Fellows Hall

Freedom Monument

Use of Arms

Auction Houses

Kanawha Canal

James River (Riverine)

MAYO ISLAND PARK

Mayo's Bridge

Transitions

Richmond's Burgeoning Trade

Slavery Challenged

Native Markets

James River (Tidal)

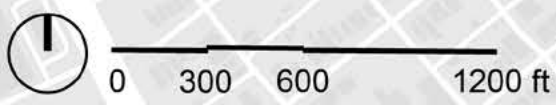
Creole Revolt

Despair of Slavery

Crossing the Atlantic

Mechanics of Slavery

- Trail
- Bike Trail
- Richmond Slave Trail





**10.29.24 MAYO ISLAND ENGAGEMENT**



**2 HOURS**

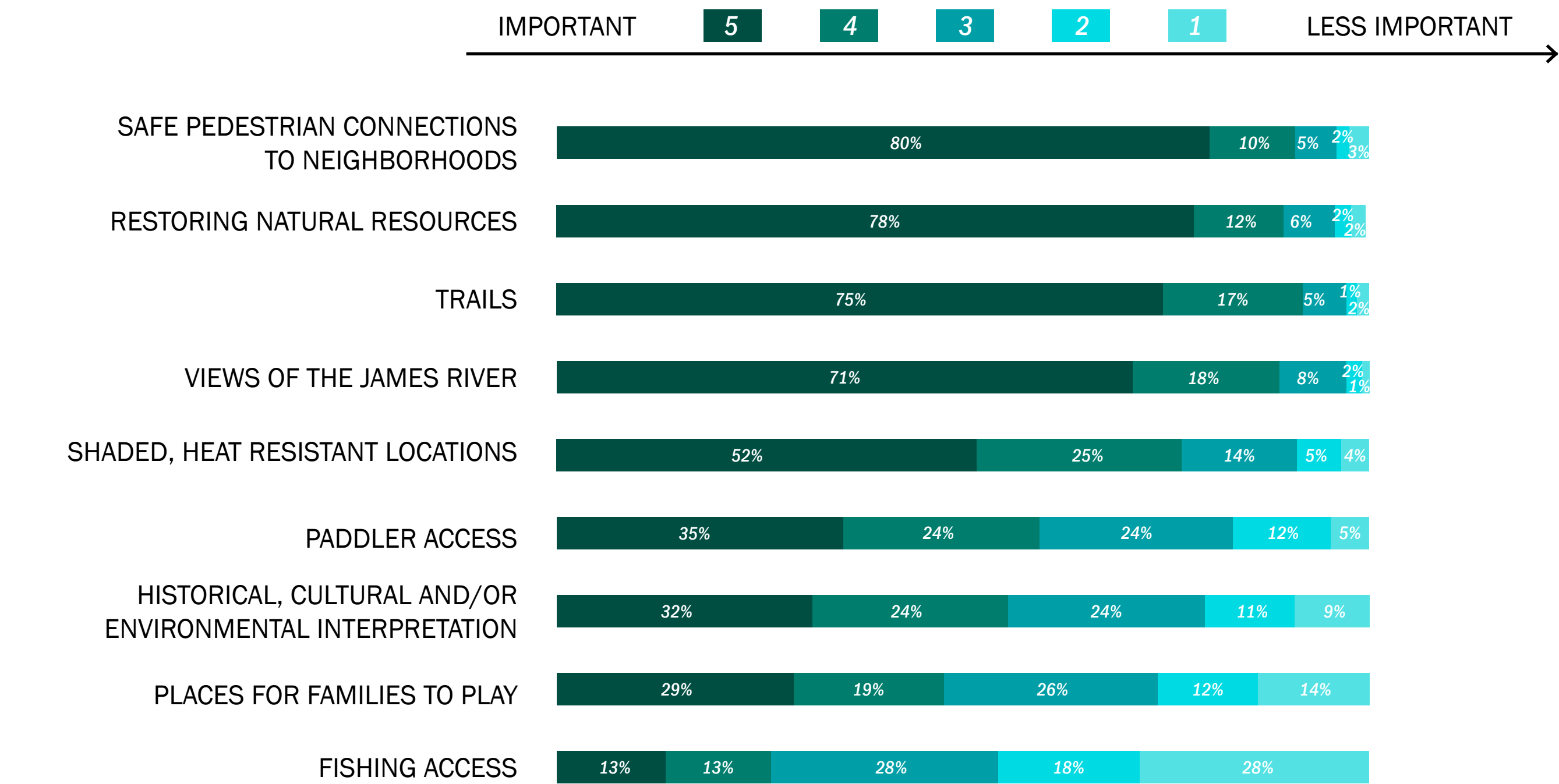
**100+ PARTICIPANTS**

**400+ COMMENTS**



# ONLINE SURVEY 315 RESPONSES FROM OCT 2024

## WHAT DO PEOPLE WANT TO HAVE IN MAYO ISLAND PARK?





**03.05.25 MAYO ISLAND PARK OPEN HOUSE**



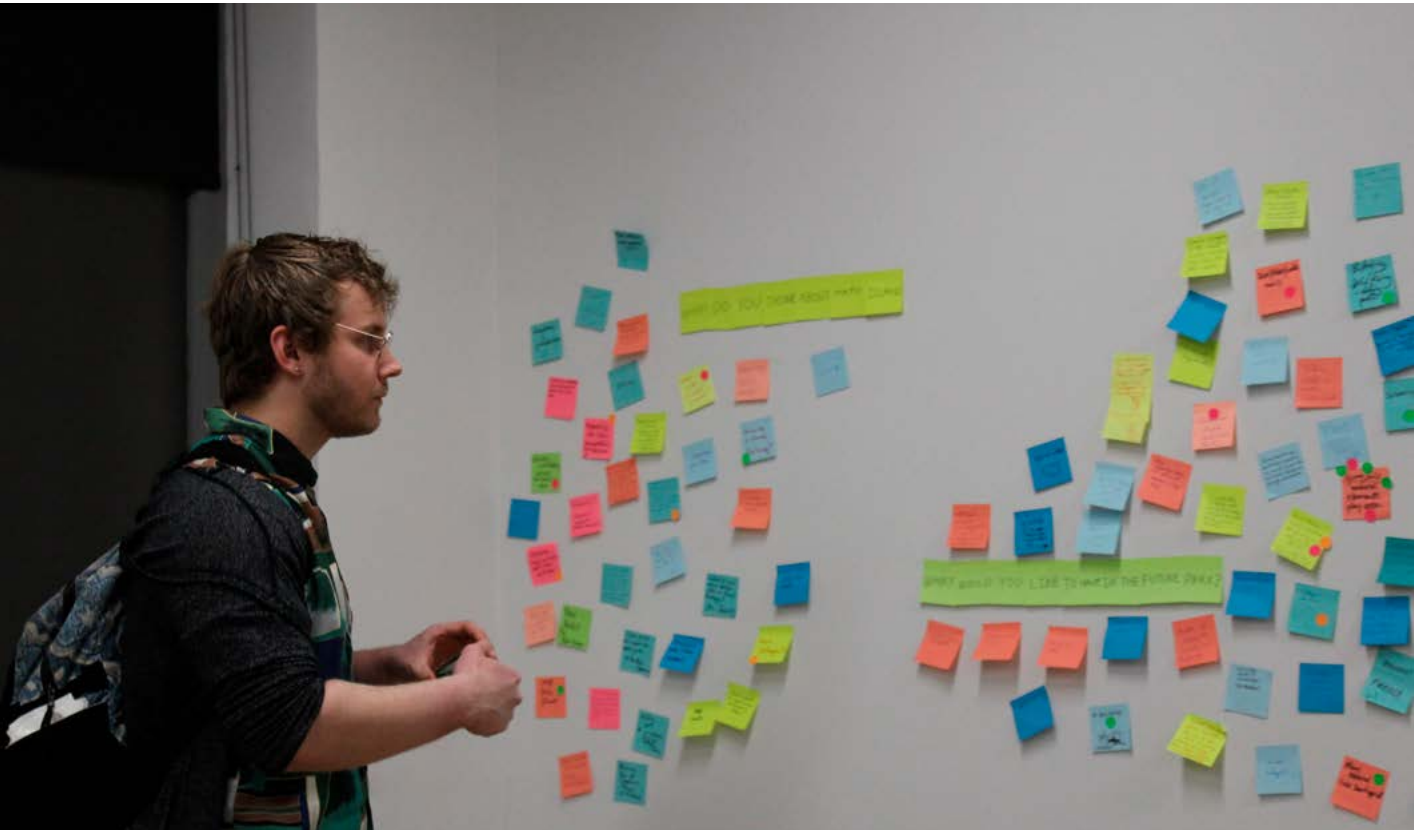
**2 HOURS**

**75 PARTICIPANTS**

**100+ COMMENTS**



03.05.25 MAYO ISLAND PARK OPEN HOUSE



TYLin MARVEL

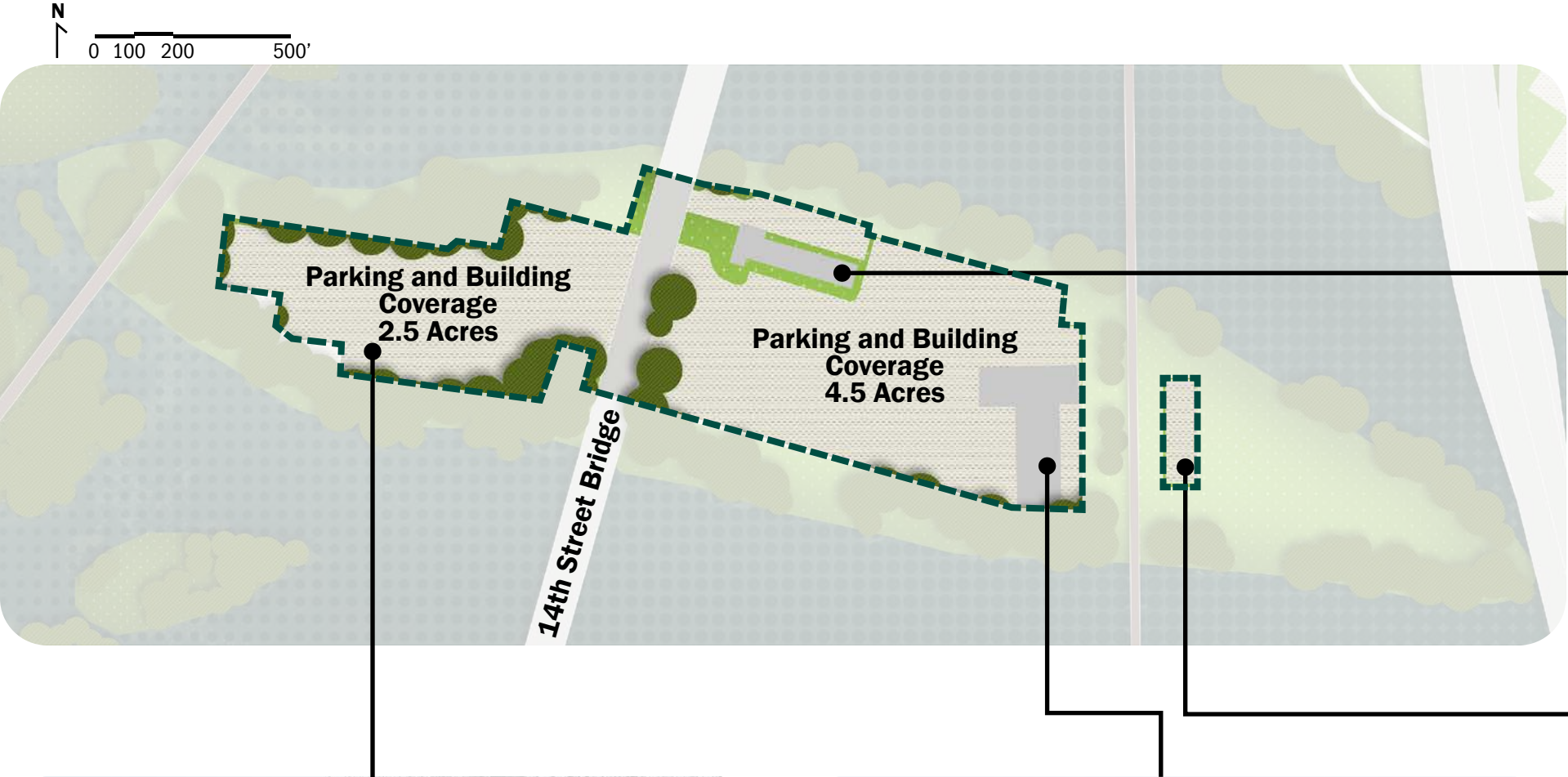


EXISTING CONDITION





# REMOVE IMPERVIOUS SURFACES



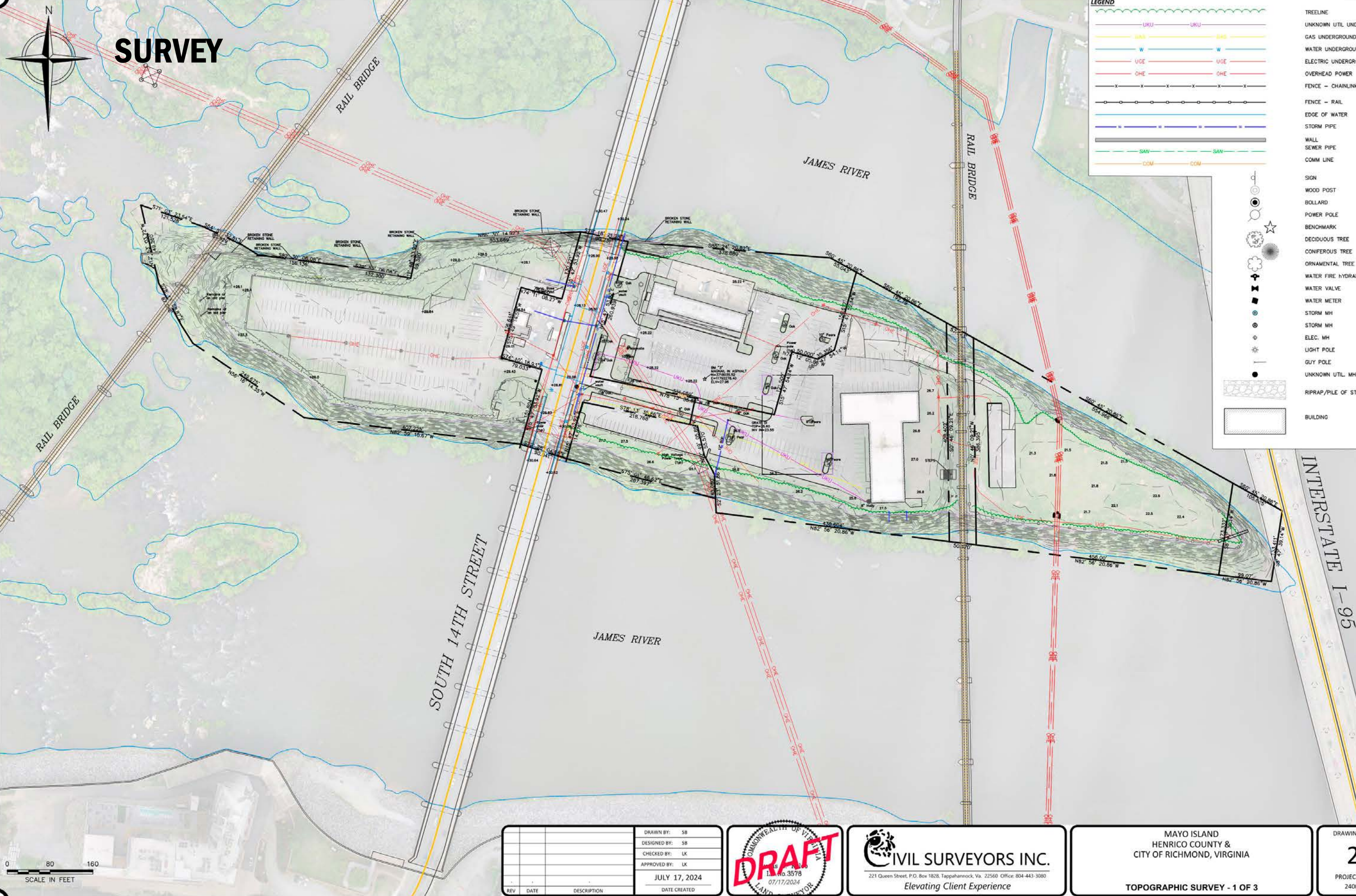


# PRESERVE ECOLOGY



TYLin MARVEL





# SURVEY

**LEGEND**

URU	URU
SAN	SAN
W	W
UGE	UGE
CHE	CHE
X	X
SAN	SAN
COM	COM

TREELINE  
UNKNOWN UTIL UNDERGROUND  
GAS UNDERGROUND  
WATER UNDERGROUND  
ELECTRIC UNDERGROUND  
OVERHEAD POWER  
FENCE - CHAINLINK  
FENCE - RAIL  
EDGE OF WATER  
STORM PIPE  
WALL  
SEWER PIPE  
COMM LINE

SIGN  
WOOD POST  
BOLLARD  
POLLER POLE  
BENCHMARK  
DECIDUOUS TREE  
CONIFEROUS TREE  
ORNAMENTAL TREE  
WATER FIRE HYDRANT  
WATER VALVE  
WATER METER  
STORM MH  
STORM MH  
ELEC. MH  
LIGHT POLE  
GUY POLE  
UNKNOWN UTIL. MH  
RIPRAP/PILE OF STONE  
BUILDING

1" = 1/2" 0" 160  
SCALE IN FEET  
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User: 11/17/2024 09:17:18  
Plot: 11/17/2024 09:17:18  
Title: MAYO ISLAND.dwg  
Sheet: 2 of 3

<table><tr><td>REV</td><td>DATE</td><td>DESCRIPTION</td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table>	REV	DATE	DESCRIPTION										<table><tr><td>DRAWN BY: SB</td></tr><tr><td>DESIGNED BY: SB</td></tr><tr><td>CHECKED BY: LK</td></tr><tr><td>APPROVED BY: LK</td></tr><tr><td>JULY 17, 2024</td></tr><tr><td>DATE CREATED</td></tr></table>	DRAWN BY: SB	DESIGNED BY: SB	CHECKED BY: LK	APPROVED BY: LK	JULY 17, 2024	DATE CREATED	<p><b>DRAFT</b></p> <p>11/17/2024</p> <p>LAND SURVEYOR</p>	<p><b>CIVIL SURVEYORS INC.</b></p> <p>221 Queen Street, P.O. Box 1828, Tappahannock, Va. 22560 Office: 804-443-3080</p> <p>Elevating Client Experience</p>	<p>MAYO ISLAND HENRICO COUNTY &amp; CITY OF RICHMOND, VIRGINIA</p> <p>TOPOGRAPHIC SURVEY - 1 OF 3</p>	<p>DRAWING NO. <b>2</b></p> <p>PROJECT NO. 24007</p>
	REV	DATE	DESCRIPTION																				
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## Jointly Used Drive Way

## S 14th Street

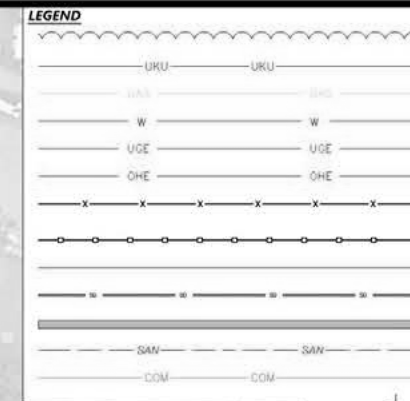
**CSX**  
**Transportation**  
**parcel**

**Approx. Location of  
VEPCO Easement  
(power lines removed)**

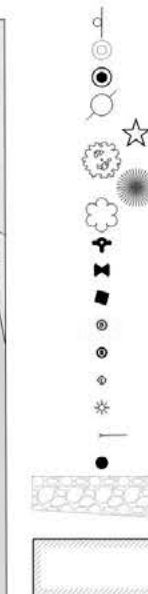
## Private Property

## 100' VEPCO Easement

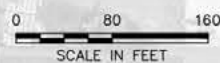
## 100' VEPCO Easement



TREELINE  
 UNKNOWN UTIL UNDERGROUND  
 GAS UNDERGROUND  
 WATER UNDERGROUND  
 ELECTRIC UNDERGROUND  
 OVERHEAD POWER  
 FENCE - CHAINLINK  
 FENCE - RAIL  
 EDGE OF WATER  
 STORM PIPE  
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 WATER METER  
 STORM MH  
 STORM MH  
 ELEC. MH  
 LIGHT POLE  
 GUY POLE  
 UNKNOWN UTIL. MH  
 RIPRAP/PILE OF STONE  
 BUILDING



INTERSTATE I-95



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				DESIGNED BY:	S8
				CHECKED BY:	LK
				APPROVED BY:	LK
				<b>JULY 17, 2024</b>	
RSV	DATE	DESCRIPTION			



MAYO ISLAND  
HENRICO COUNTY &  
CITY OF RICHMOND, VIRGINIA

TOPOGRAPHIC SURVEY - 1 OF 3

DRAWING NO.

2

PROJECT NO.  
24007



# DEMOLITION PLAN

- Demolish and remove fence and retaining wall
- Demolish and remove asphalt, concrete curb, gutter, walkways, sidewalks and steps
- Demolish and remove building
- Site clearing
- Demolish and remove trees
- Protect power pole during demolition







# EASEMENT

Private property & shared easement

ROW

**A**  
2.586 acres

**B**  
4.9 acres

**E**  
0.8 acres

**C**  
3.491 acres

**D**  
3.038 acres

Mayo island area under easement  
(A+B+C+D+E): 14.815 acres

Proposed parking lot to remain for park

Existing stormwater inlet to remain

**LEGEND**

URU	URU
W	W
UGE	UGE
CHE	CHE
X	X
SAN	SAN
COM	COM

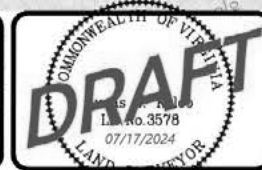
- TREELINE
- UNKNOWN UTIL UNDERGROUND
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- RIPRAP/PILE OF STONE
- BUILDING

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SCALE IN FEET

REV	DATE	DESCRIPTION

DRAWN BY: SB
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MAYO ISLAND  
HENRICO COUNTY &  
CITY OF RICHMOND, VIRGINIA

TOPOGRAPHIC SURVEY - 1 OF 3

DRAWING NO.  
**2**

PROJECT NO.  
24007







PARK PLAN



0 160 320 640 ft



# PARK LAYERS

Proposed Pathwork

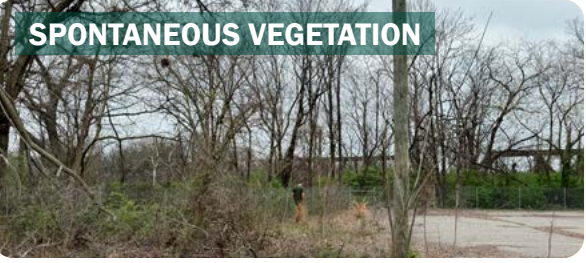
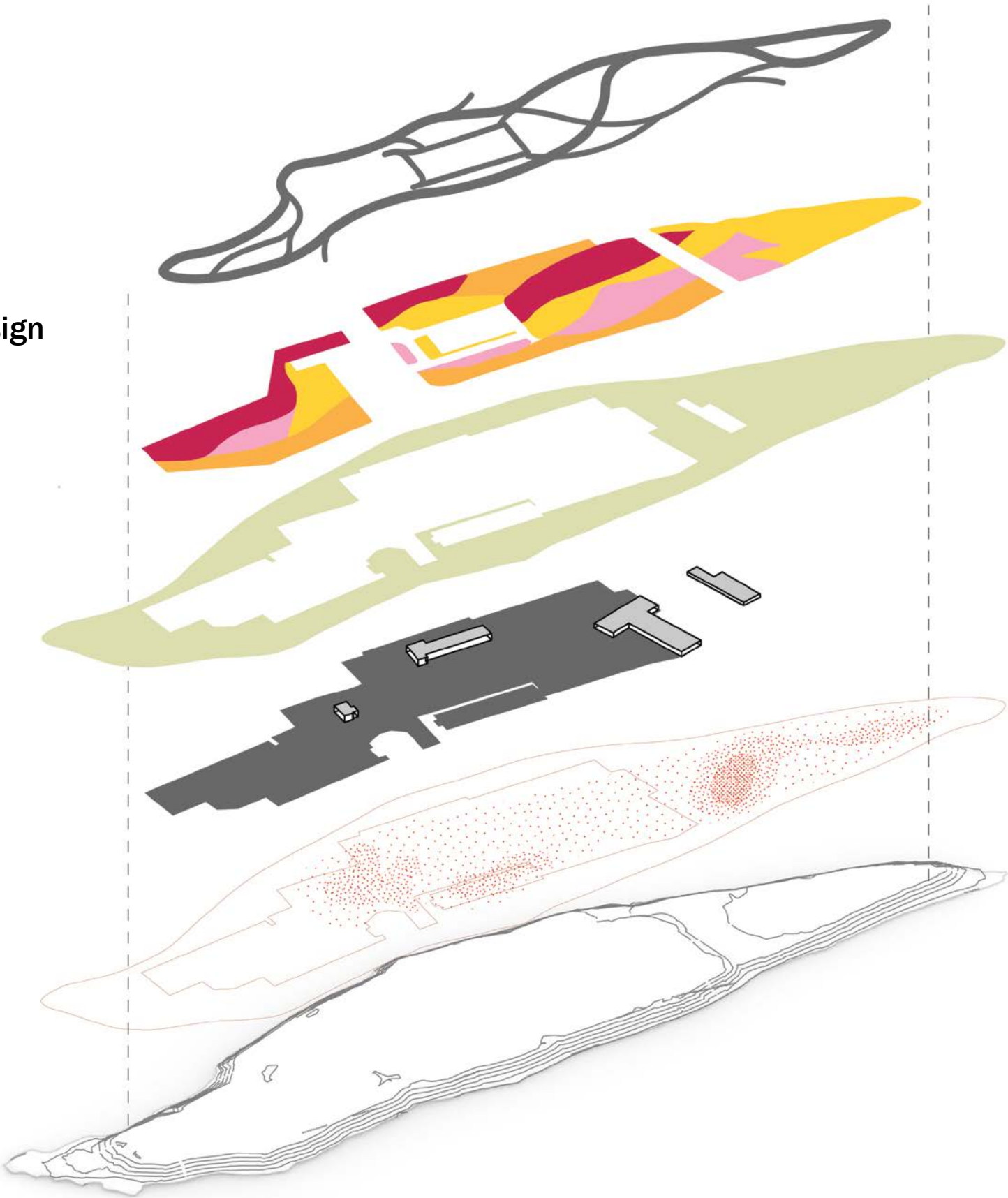
Proposed Plant Design

Mixed Vegetation  
Conditions  
8 acres

Asphalt &  
Infrastructure  
7 acres

Industrial  
Remnants

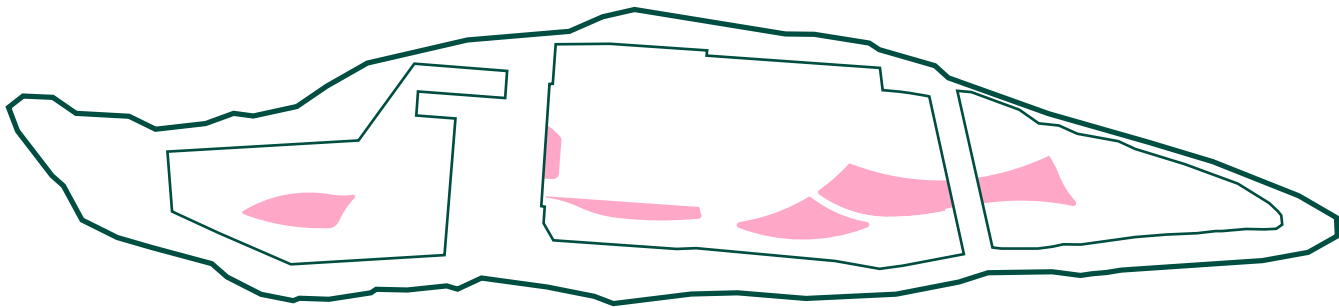
Mayo Island  
15 acres



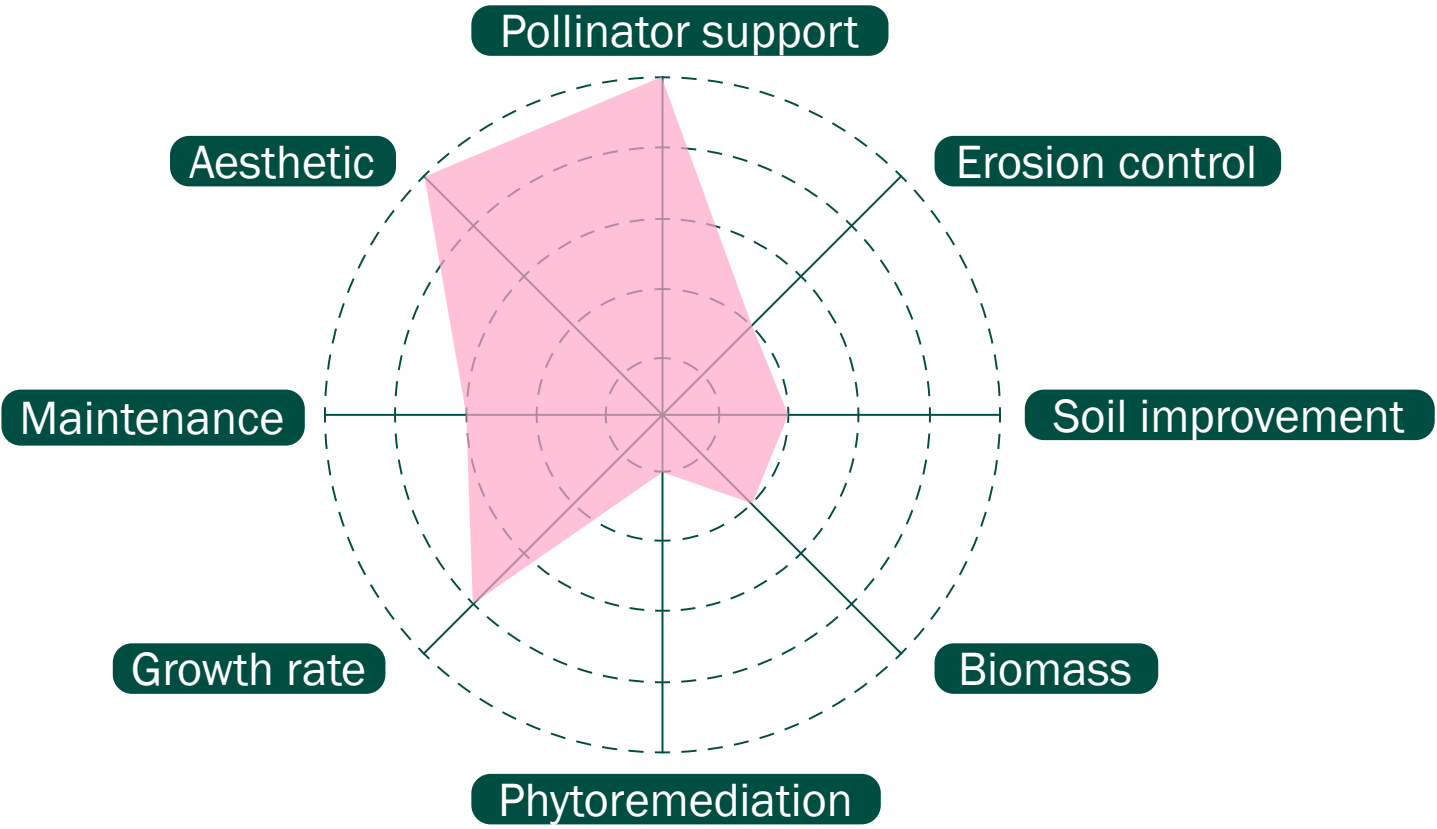


# ANNUAL WILDFLOWER MIX

- 11.0% Rocket Larkspur (*Delphinium ajacis*)
- 10.7% Cosmos (*Cosmos bipinnatus*)
- 10.7% Sulphur Cosmos (*Cosmos sulphureus*)
- 10.0% Calendula (*Calendula officinalis*)
- 8.0% Bachelor's Button Tall Mixed/Cornflower (*Centaurea cyanus*-Mixed)
- 7.5% Cornflower (Bachelor's Button) (*Centaurea cyanus*)
- 7.2% Annual Gaillardia (Indian Blanket) (*Gaillardia pulchella*)
- 5.0% Tree Mallow (*Lavatera trimestris*)
- 4.8% Scarlet Flax (*Linum grandiflorum rubrum*)
- 4.5% Annual Baby's Breath (*Gypsophila elegans*)
- 4.4% California Orange Poppy (*Eschscholzia californica*)
- 4.2% Sweetwilliam (*Dianthus barbatus*)
- 2.0% Claspig Coneflower (*Rudbeckia amplexicaulis*)



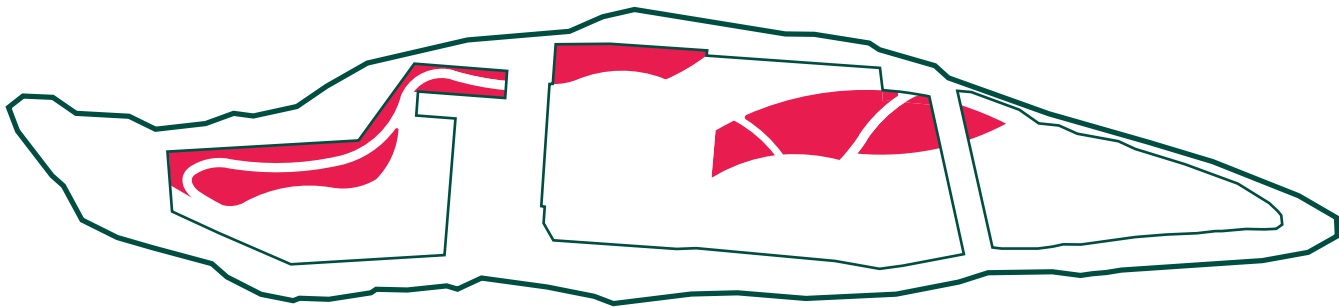
## Short-term colorful display



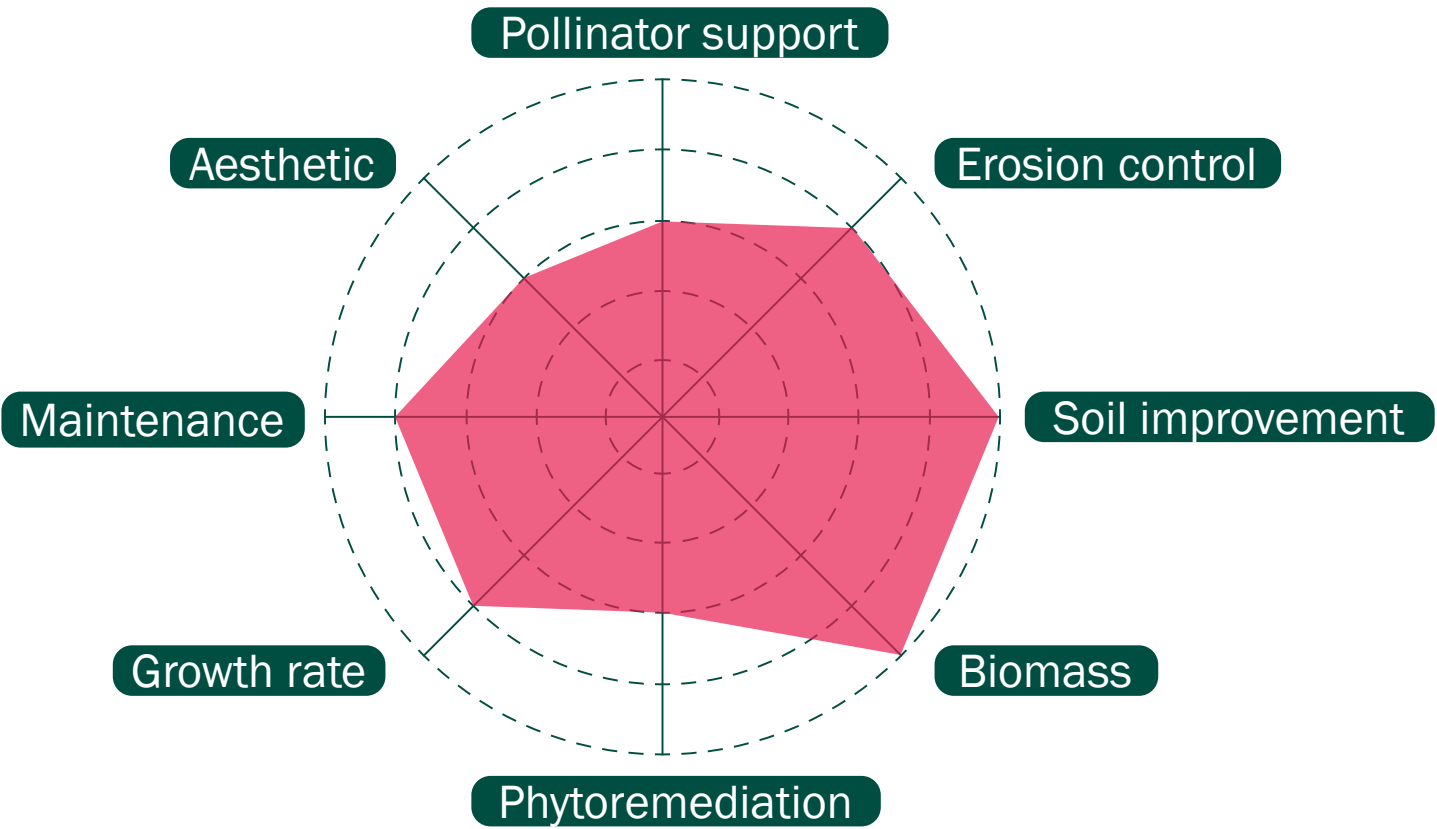


# COVER CROP MIX

- 75.0% **Rye**, Variety Not Stated (*Secale cereale*)
- 15.0% **Crimson Clover**, Variety Not Stated (*Trifolium incarnatum*)
- 10.0% **Raphanus sativus**, GroundHog (*Radish*, ‘GroundHog’)



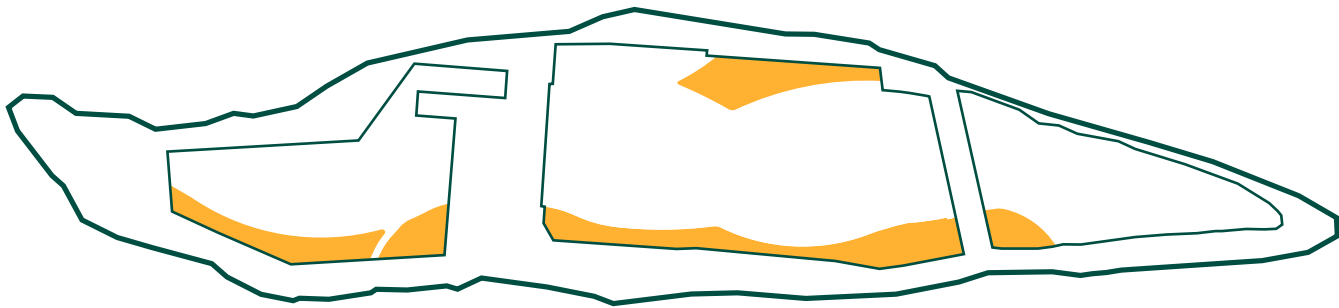
## Short-term ground cover and soil improvement



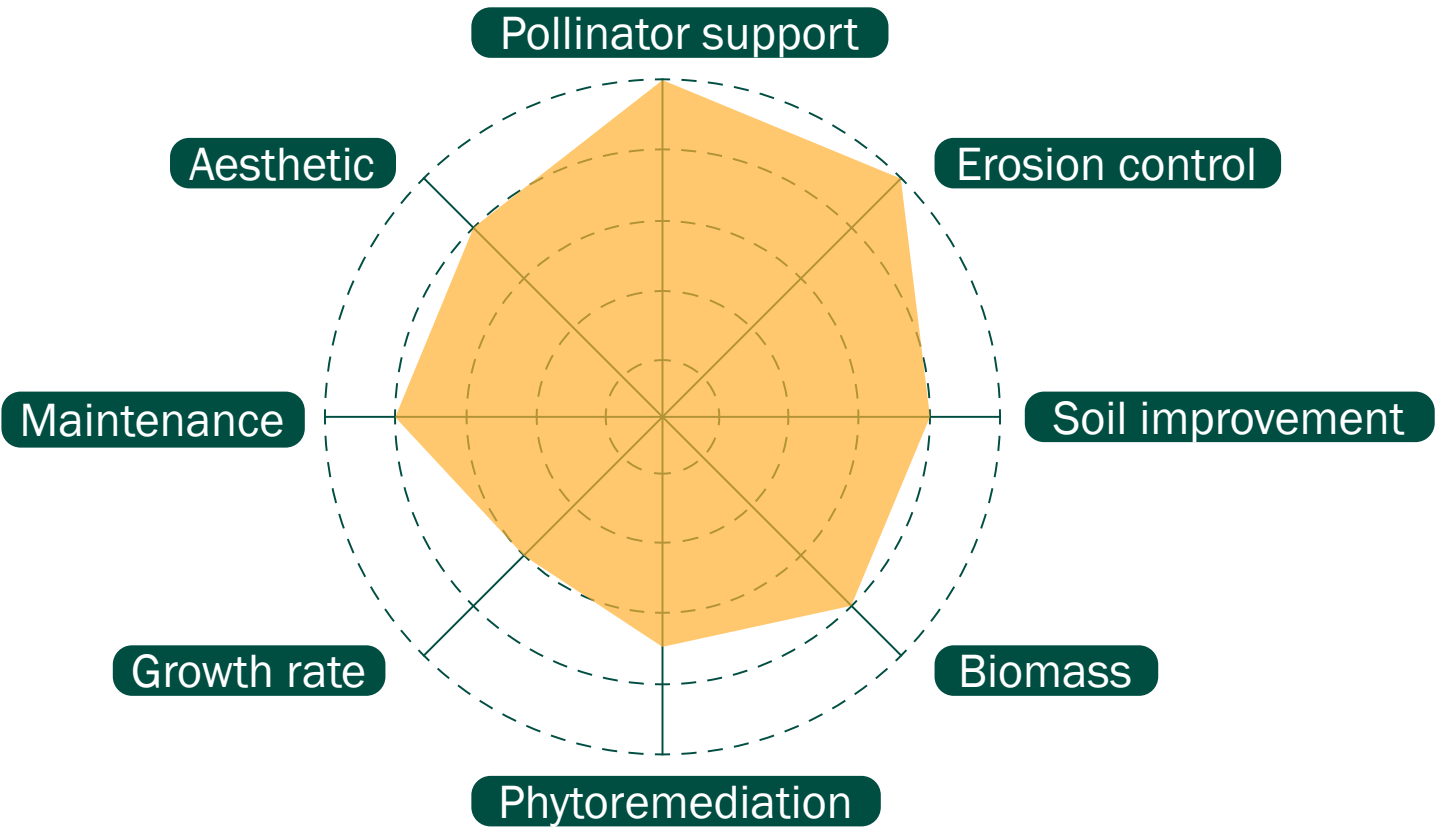


# VA OUTER COASTAL PLAIN UPL MEADOW MIX

- 61.5% Little Bluestem, Fort Indiantown Gap-PA Ecotype (*Schizachyrium scoparium*, Fort Indiantown)
- 20.0% Virginia Wildrye, Madison-NY Ecotype (*Elymus virginicus*)
- 3.0% Partridge Pea, PA Ecotype (*Chamaecrista fasciculata*)
- 3.0% Lanceleaf Coreopsis (*Coreopsis lanceolata*)
- 3.0% Blackeyed Susan (*Rudbeckia hirta*)
- 2.0% Narrowleaf Sunflower, Coastal Plain NC Ecotype (*Helianthus angustifolius*)
- 1.2% Narrowleaf Mountainmint (*Pycnanthemum tenuifolium*)



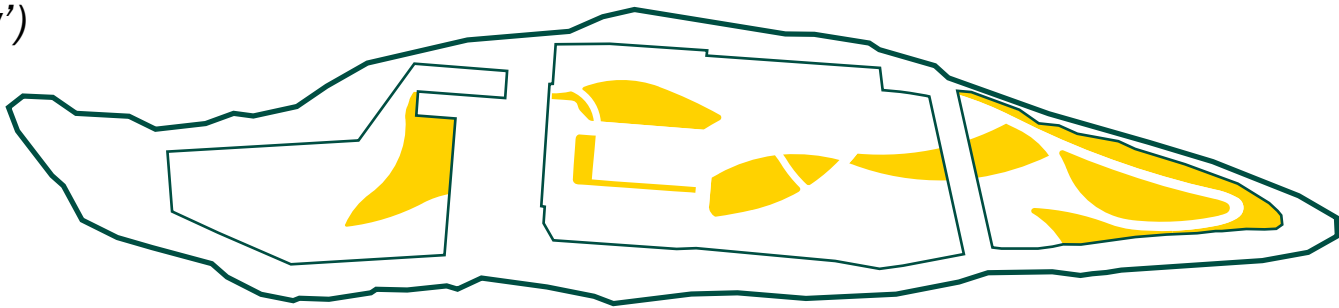
## Long-term ecological restoration and pollinator habitat



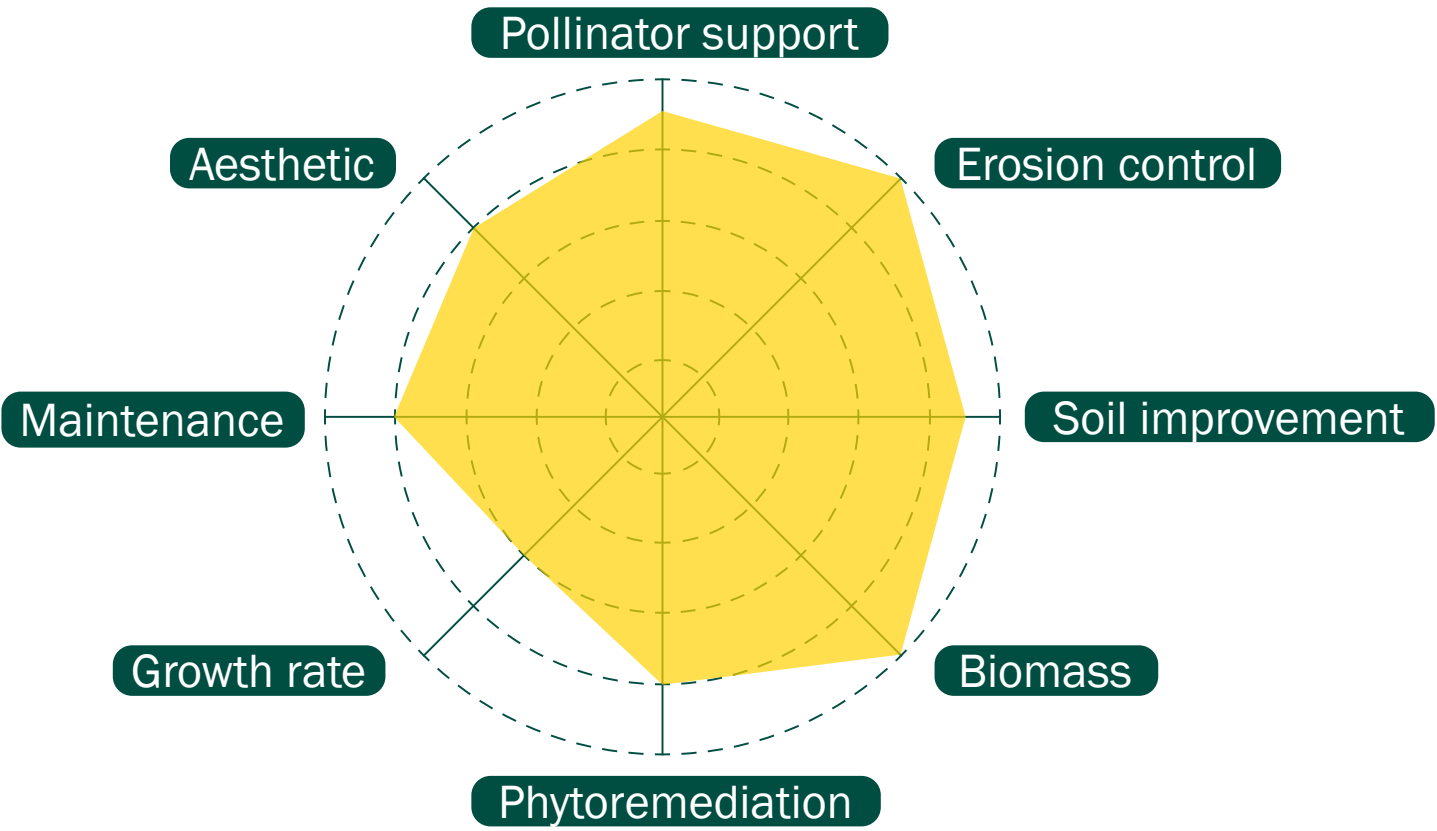


# BIODIVERSE POLYCULTURE MIX

- 33.0% Big Bluestem, ‘Southlow’-MI Ecotype (*Andropogon gerardii*, ‘Southlow’)
- 18.9% Switchgrass, ‘Shawnee’ (*Panicum virgatum*, ‘Shawnee’)
- 18.9% Switchgrass, NJ Ecotype (*Panicum virgatum*, ‘Habitat’)
- 18.9% Switchgrass, ‘RC Chippewa’ (*Panicum virgatum*, ‘RC Chippewa’)
- 4.0% Partridge Pea, PA Ecotype (*Chamaecrista fasciculata*)
- 2.0% Oxeye Sunflower, PA Ecotype (*Heliopsis helianthoides*)
- 1.8% Wild Senna, VA & WV Ecotype (*Senna hebecarpa*)
- 1.0% Showy Ticktrefoil, PA Ecotype (*Desmodium canadense*)
- 1.0% Panicleleaf Ticktrefoil, PA Ecotype (*Desmodium paniculatum*)
- 0.5% Common Milkweed (*Asclepias syriaca*)

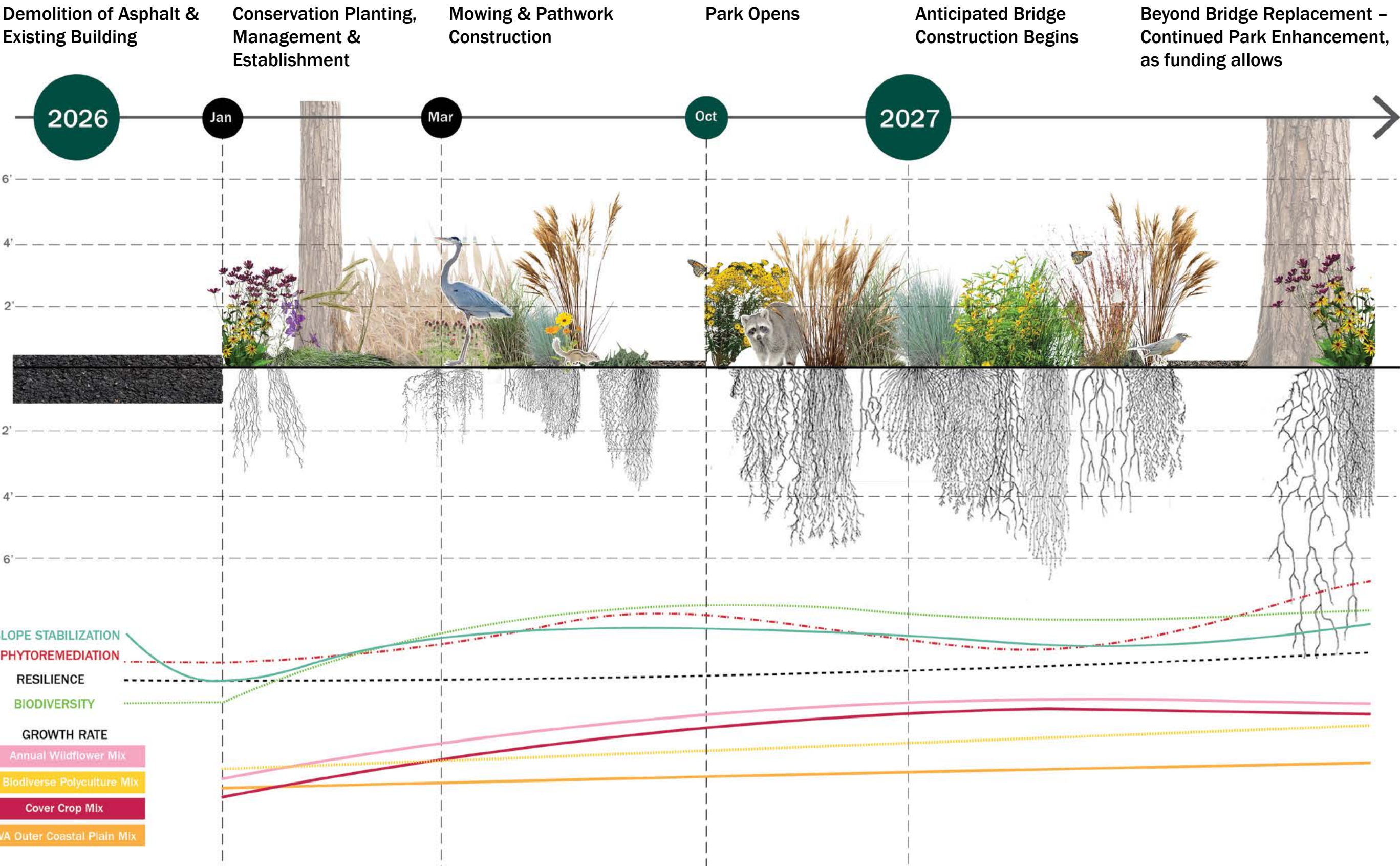


## Long-term biomass production and phytoremediation





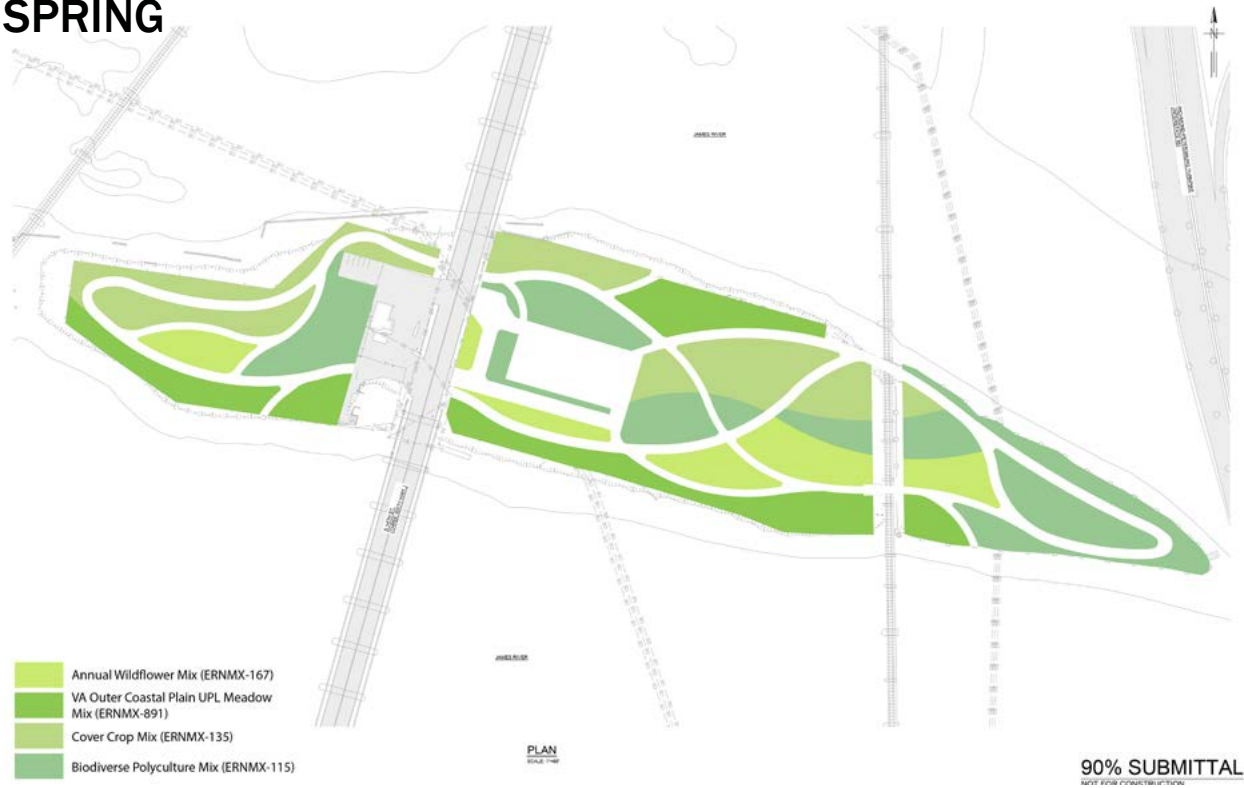
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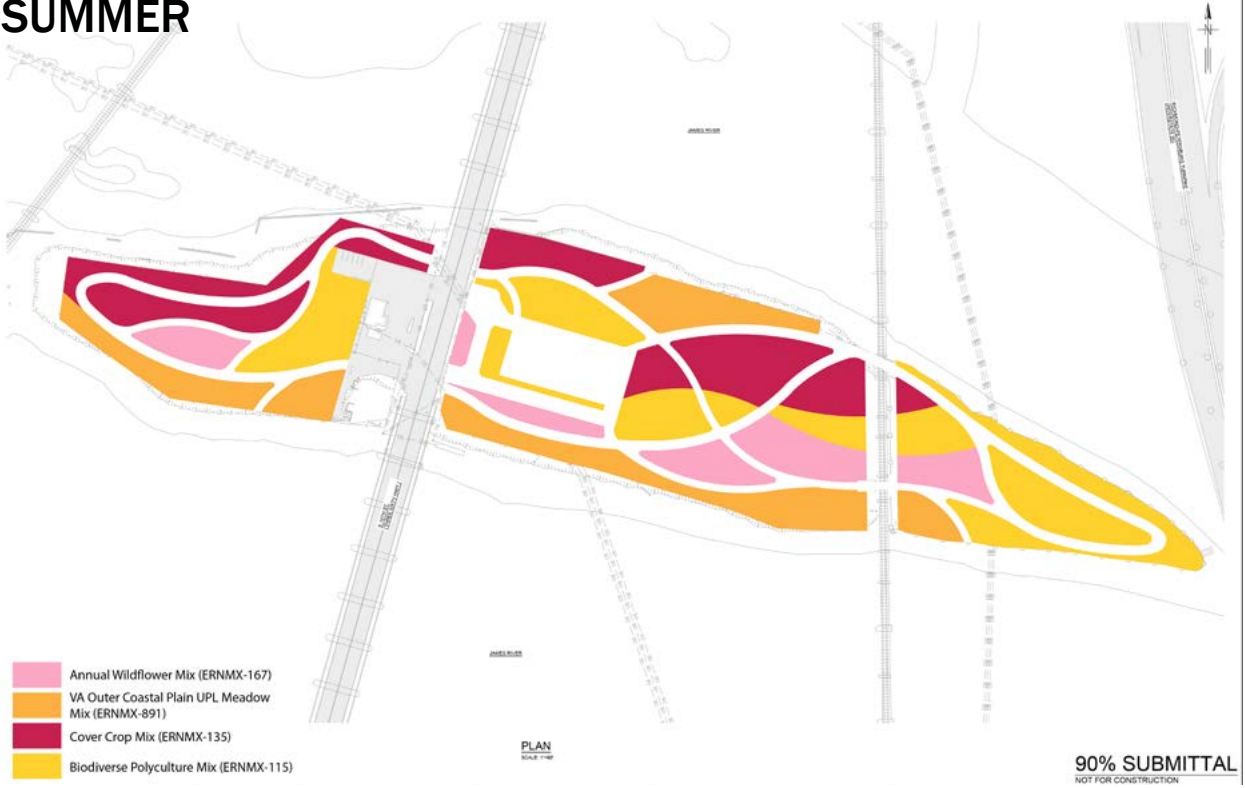


# SEASONAL COLOR

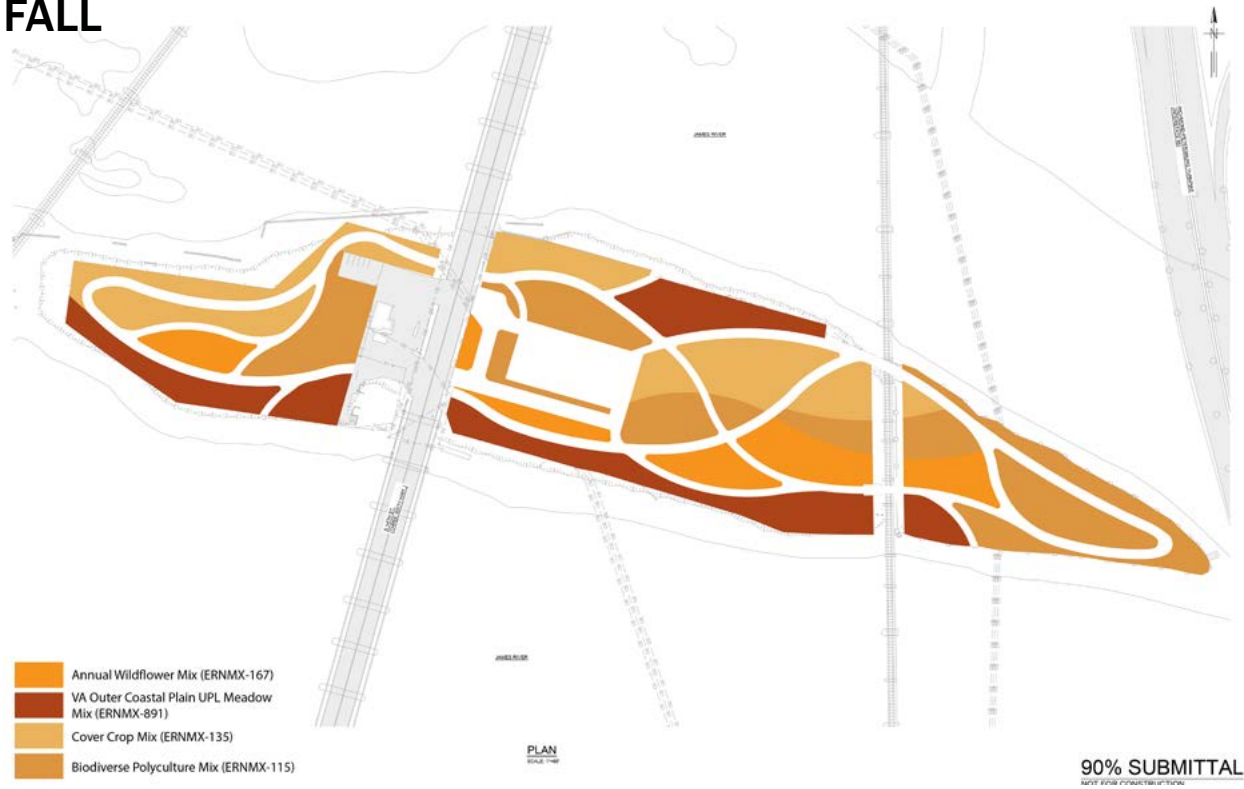
SPRING



SUMMER



FALL



WINTER





PRECEDENTS



Mowed Pathway



Gravel Path with Cover Crops



Wildflowers



Native Grasses

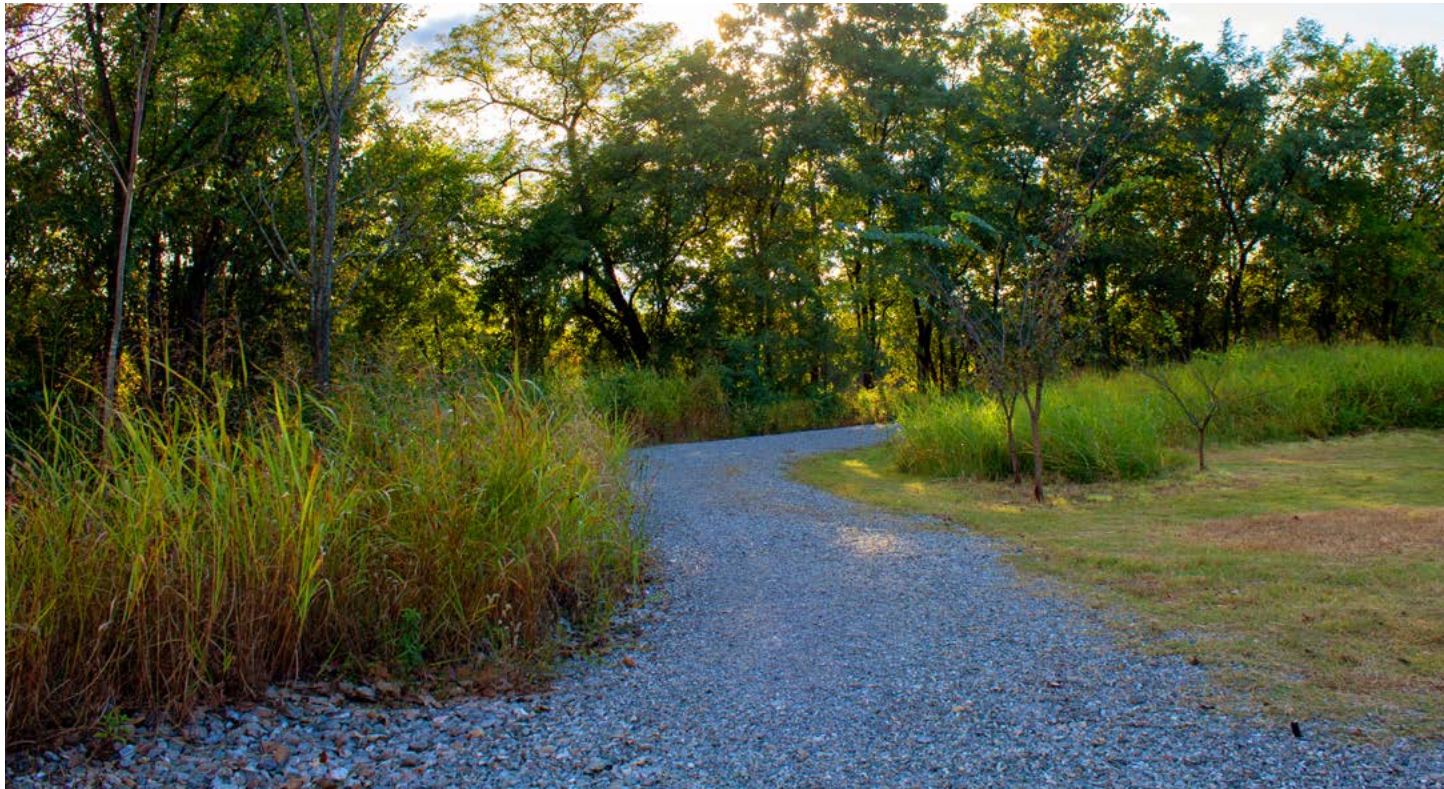




LOCAL PRECEDENTS



Dock St Interim Park



Dock St Interim Park



Varina Land Lab



Varina Land Lab







**TYLin MARVEL**



# MATERIALS PLAN



**Gravel Paths**  
James River Park Riverfront Paths



**Reclaimed Granite**  
Reclaimed Building Material for Seating



**Benches**  
James River Park Benches



**Picnic Furniture**  
James River Park Picnic Tables



**Fence**  
Split Rail Fence





# MATERIALS PLAN



**Trash Can**  
James River Park Trash Cans



**Dog Waste Station**  
James River Park Dog Waste Station



**Park Signage**  
James River Park Signage



**Interpretive Signage**  
James River Park Signage



**Kiosk**  
James River Park Kiosk



**Portable Restroom**  
James River Park Portable Restroom



**TYLin** **MARVEL**



## TOPICS MENTIONED BY THE COMMUNITY

**ADAPTIVE REUSE OPPORTUNITY  
PHYTOREMEDIATION  
AS MANY NATIVE SPECIES AS POSSIBLE  
PRESERVE AND RESTORE  
WETLAND HABITAT  
HISTORY CONTEXT  
RESTORATION OF THE ECOLOGY  
WILDLIFE REFUGE  
INVASIVE SPECIES  
SLAVE TRAIL**





# INTERPRETIVE SIGNAGE IDEAS



JRPS Interpretive Signage

## WHAT’S HAPPENING HERE?

**PHYTOREMEDIATION**, the process of using plants to remove, stabilize, or break down contaminants in soil, water, or air.

Big bluestem and Switchgrass have deep, fibrous root systems that help bind soil particles together, reducing erosion and preventing the spread of contaminants. They are effective at stabilizing heavy metals.

## WHAT WAS HERE BEFORE?

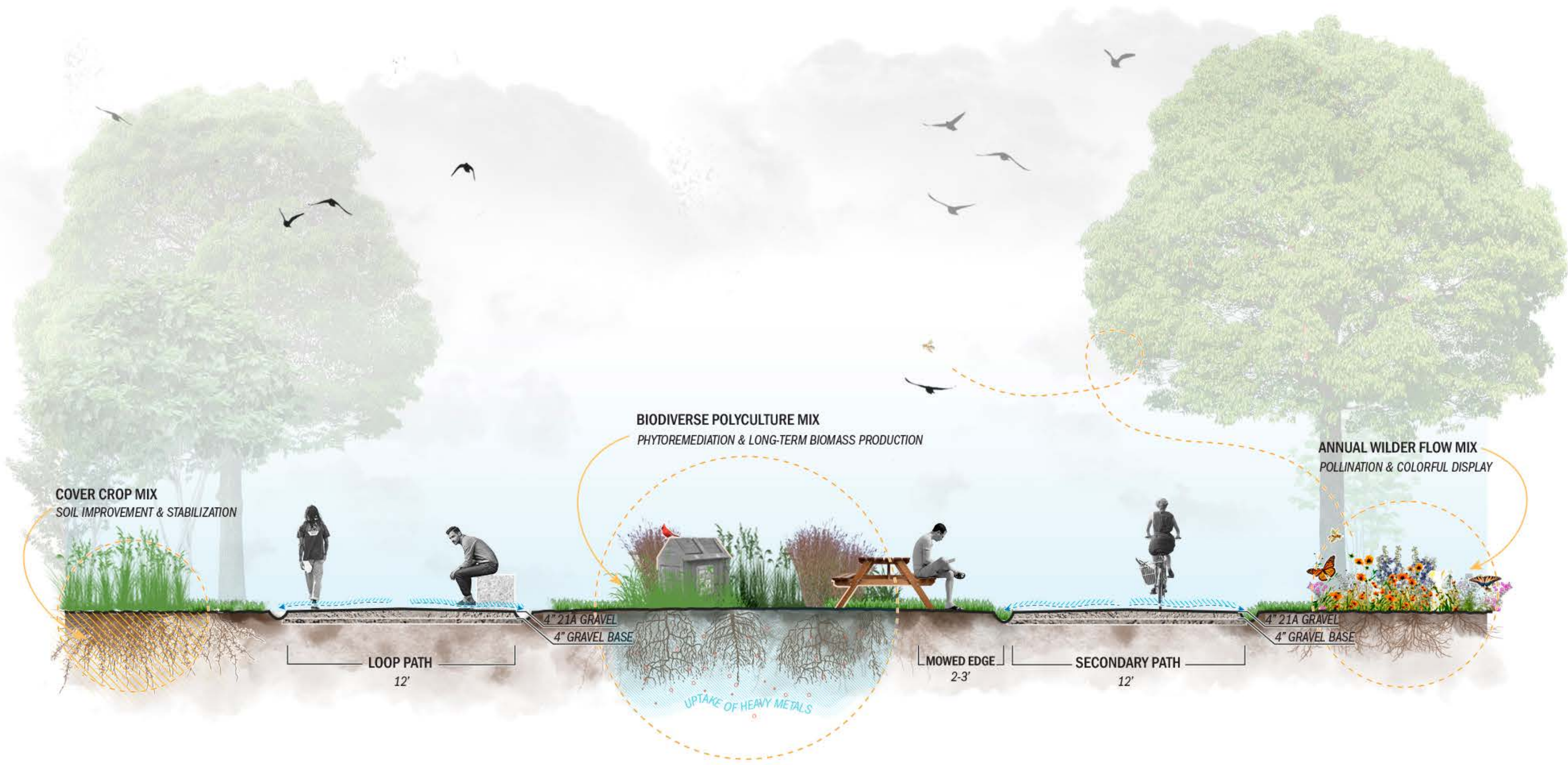
**TATE FIELD**, known as Island Park in the 1890s and Mayo Island Park prior to 1926, was a stadium located on Mayo Island in the James River within the city of Richmond, Virginia.

Tate Field hosted sporting events including college football and minor league baseball. The last baseball game was played at the park is in 1940s.





# TYPICAL SECTION

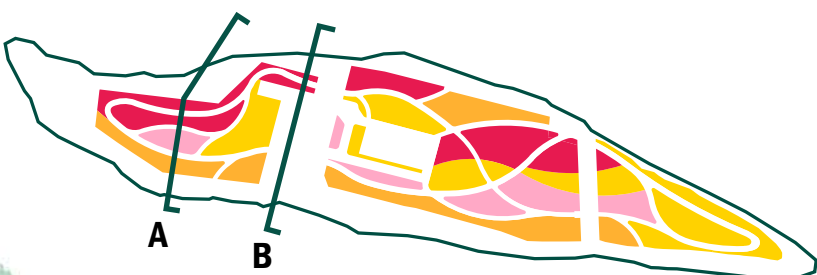
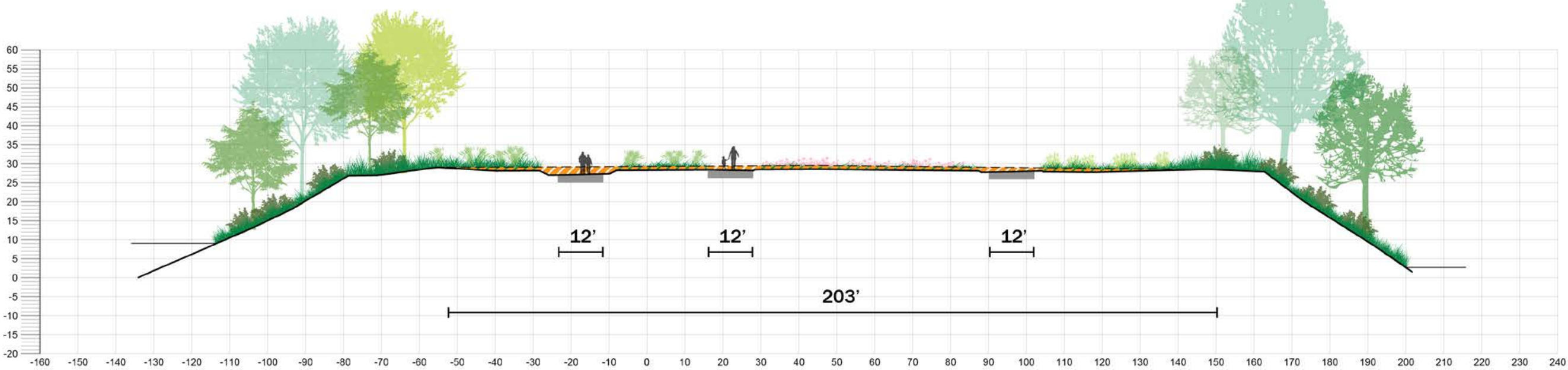


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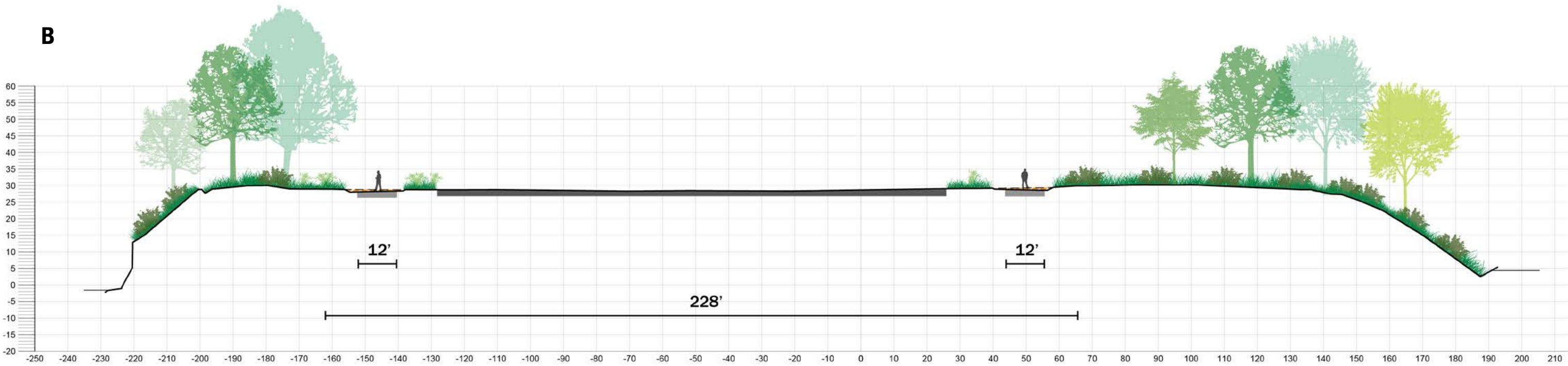


# SECTIONS

A



B



 Cut  Fill

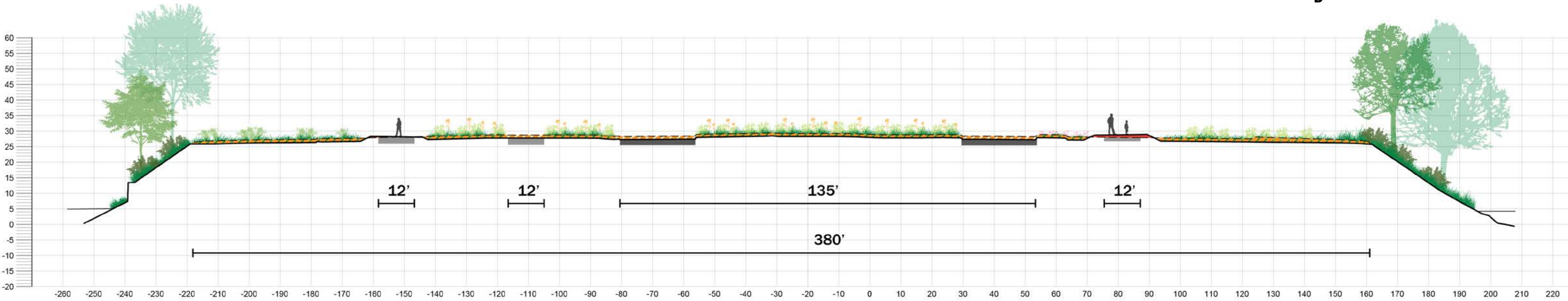
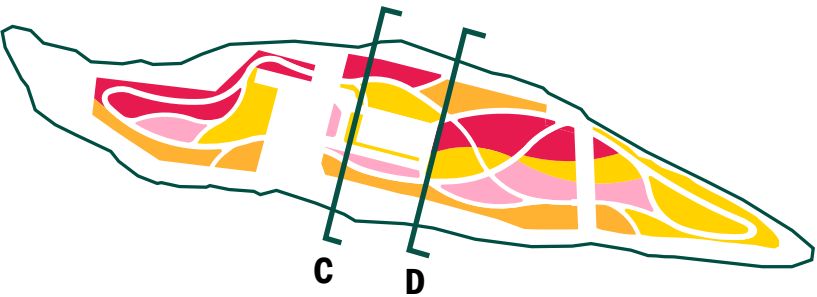


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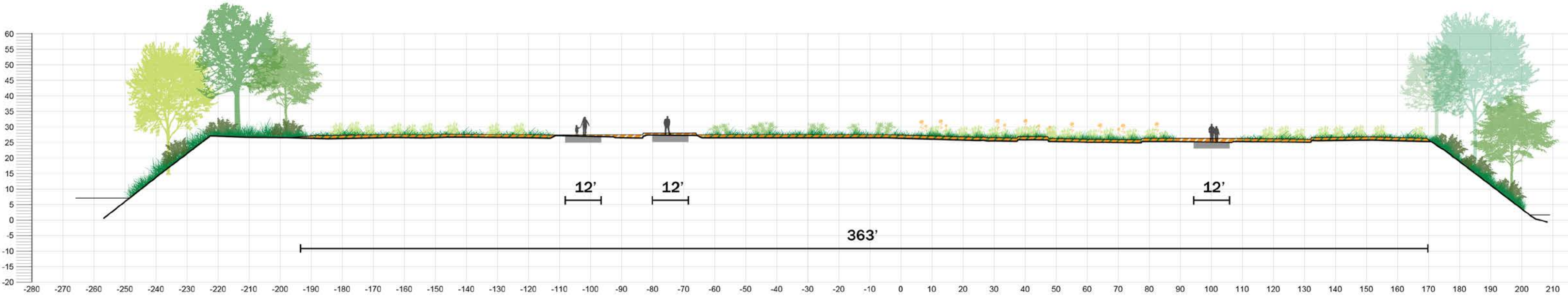


SECTIONS

C



D



Cut Fill

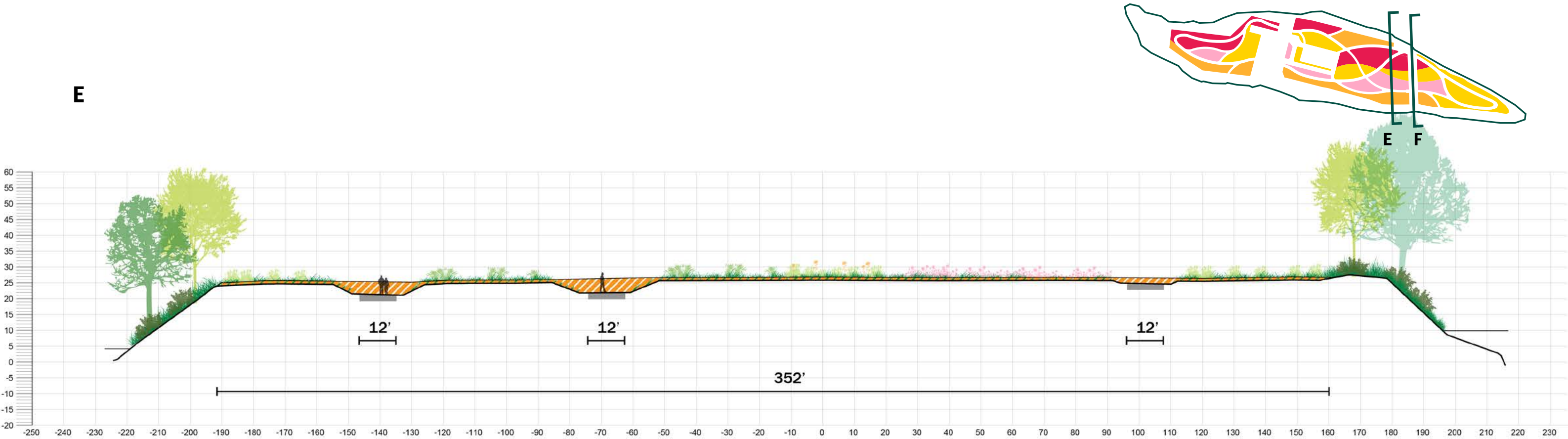


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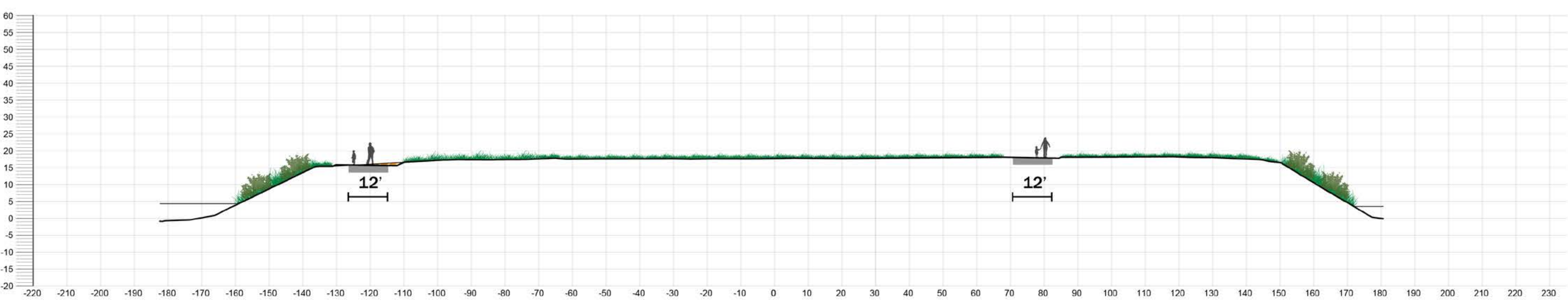


SECTIONS

E



F



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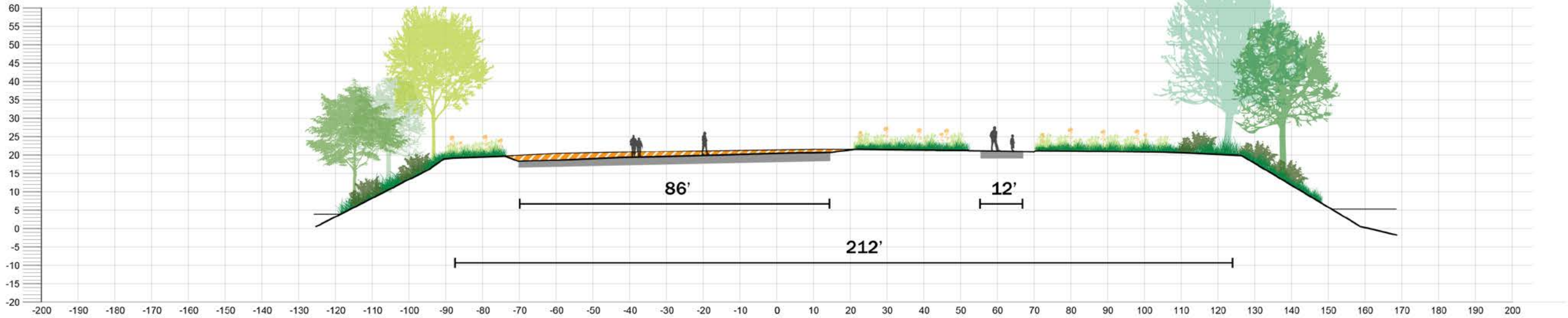
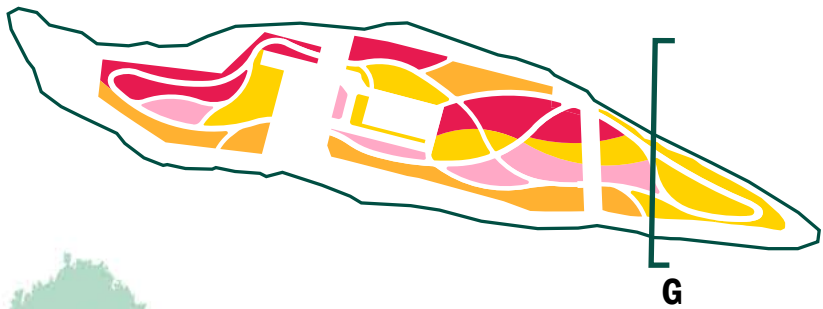


TYLin MARVEL



# SECTIONS

G



Cut Fill



TYLin MARVEL





**TYLin** **MARVEL**





TYLin MARVEL





**TYLin** **MARVEL**





**TYLin** **MARVEL**