



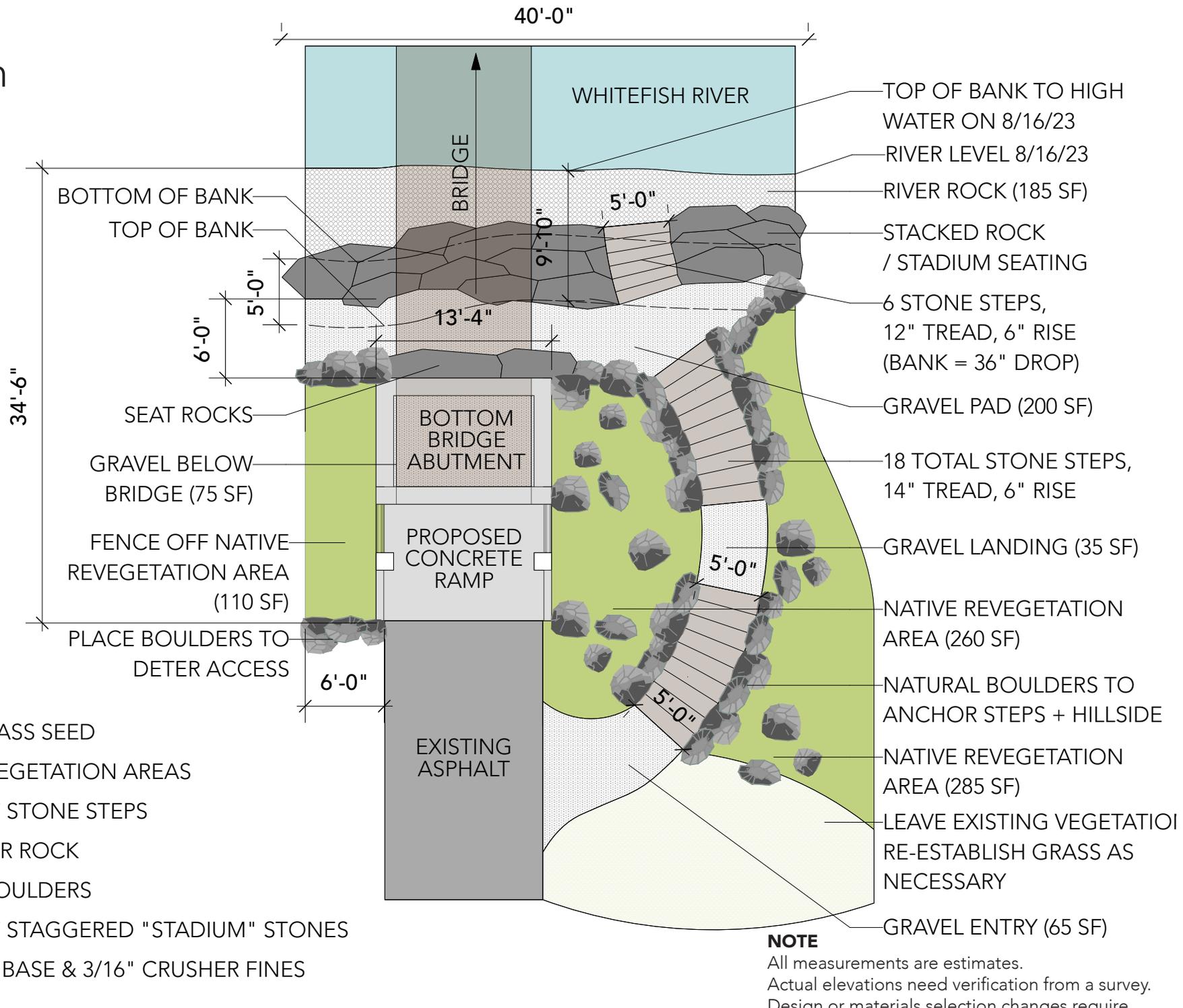
Whitefish River Access at the Riverside Park Pedestrian Bridge (South)

Obrien Ave Whitefish, MT | Landscape Design | November 2023

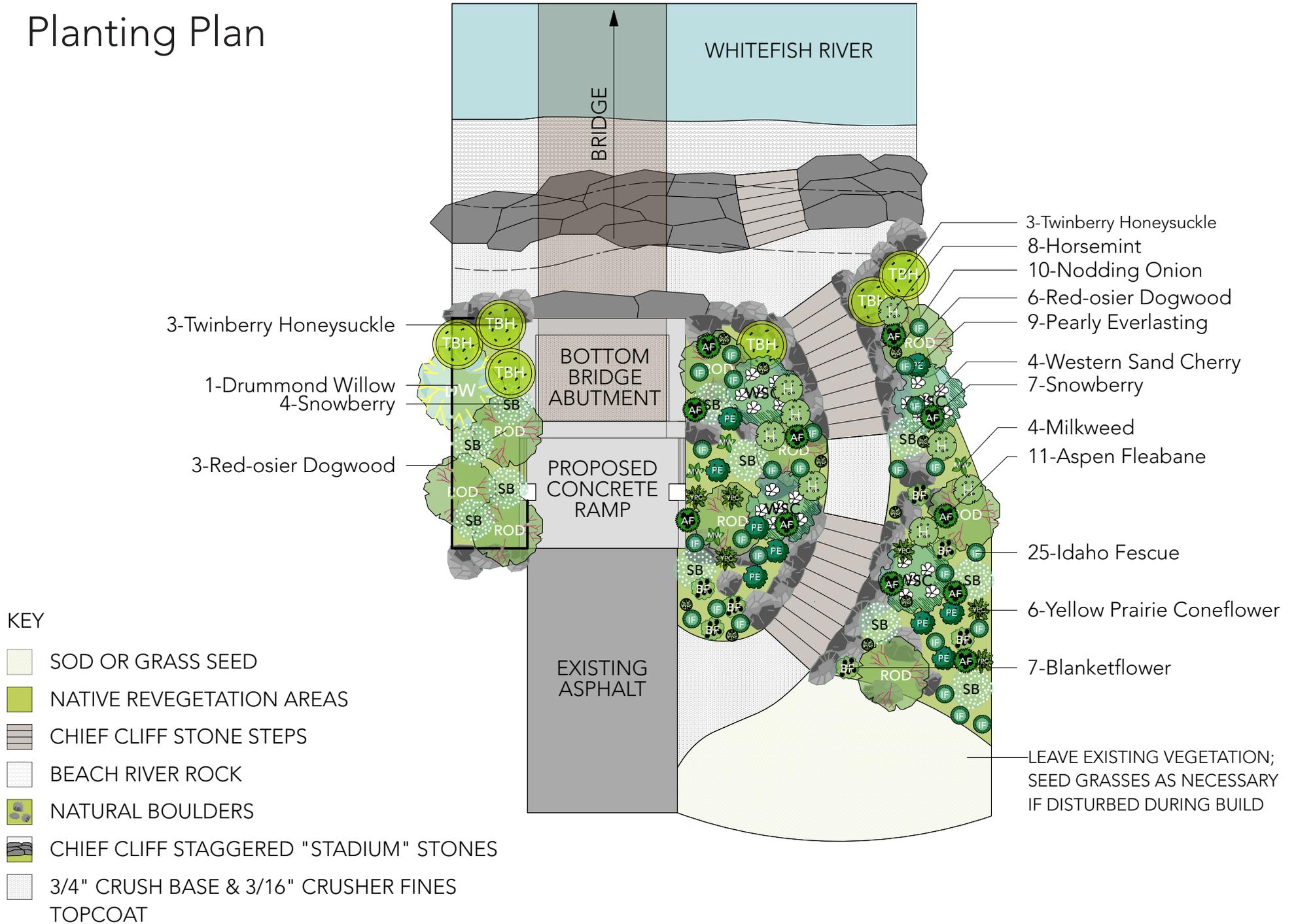


center  
for  
native  
plants

# Site Plan



# Planting Plan



# Materials & Plants

## MATERIAL QUANTITIES

- GRAVEL PATHS & PAD UNDER BRIDGE : 300 SF
- RIVER ROCK FOR BEACH: 185 SF
- NATIVE REVEGETATION AREA: 655 SF
- CHIEF CLIFF STONE STEPS (UPPER, 14" TREAD, 6" RISE, 5' WIDTH): 18
- CHIEF CLIFF STONE STEPS (LOWER, 12" TREAD, 6" RISE, 5' WIDTH): 6
- CHIEF CLIFF SEAT ROCKS UNDER BRIDGE (18" HEIGHT): ~2-3
- CHIEF CLIFF STONE FOR STAGGERED STADIUM SEATING: 5' WIDTH, 36" DROP, 35' LENGTH

PLANT LEGEND							
COMMON NAME	LATIN NAME	QTY.	SIZE	ID	PRICE/PLANT	TOTAL COST	
<b>CONIFERS</b>							
		<b>TOTAL</b>	<b>0</b>				
<b>DECIDUOUS</b>							
		<b>TOTAL</b>	<b>0</b>				<b>\$ 0.00</b>
<b>SHRUBS</b>							
Red-osier Dogwood	<i>Cornus sericea</i>	9	5 Gal	ROD	\$ 50.00		\$ 450.00
Twinberry Honeysuckle	<i>Lonicera involucrata</i>	6	1 Gal	TBH	\$ 14.00		\$ 84.00
Western Sand Cherry	<i>Prunus besseyi</i>	4	5 Gal	WSC	\$ 50.00		\$ 200.00
Drummond Willow	<i>Salix drummondiana</i>	1	2 Gal	DW	\$ 22.00		\$ 22.00
Snowberry	<i>Symphoricarpos albus</i>	11	1 Gal	SB	\$ 14.00		\$ 154.00
		<b>TOTAL</b>	<b>31</b>				<b>\$ 910.00</b>
<b>PERENNIALS</b>							
Horsemint	<i>Agastache urticifolia</i>	8	1 Gal	H	\$ 10.50		\$ 84.00
Nodding Onion	<i>Allium cernuum</i>	10	1 Gal	NO	\$ 13.75		\$ 137.50
Pearly Everlasting	<i>Anaphalis margaritacea</i>	9	1 Gal	PE	\$ 13.75		\$ 123.75
Milkweed	<i>Asclepias speciosa</i>	4	1 Gal	MW	\$ 13.25		\$ 53.00
Aspen Fleabane	<i>Erigeron speciosus</i>	11	1 Gal	AF	\$ 10.50		\$ 115.50
Blanketflower	<i>Gaillardia aristata</i>	7	1 Gal	BF	\$ 13.75		\$ 96.25
Yellow Prairie Coneflower	<i>Ratibida columnifera</i>	6	1 Gal	YPC	\$ 13.75		\$ 82.50
		<b>TOTAL</b>	<b>55</b>				<b>\$ 692.50</b>
<b>GRASSES</b>							
Idaho Fescue	<i>Festuca idahoensis</i>	25	1 Gal	IF	\$ 10.50		\$ 262.50
		<b>TOTAL</b>	<b>25</b>				<b>\$ 262.50</b>

# Planting Concept

Use a variety of appropriate native wildflowers, grasses, and shrubs to stabilize the bank, prevent erosion. and create some seasonal blooms for color and pollinators

- » blanketflower
- » beebalm
- » aspen fleabane
- » nodding onion

- » horsemint
- » rosy pussytoes
- » showy milkweed
- » pearly everlasting

- » yellow prairie coneflower
- » idaho fescue

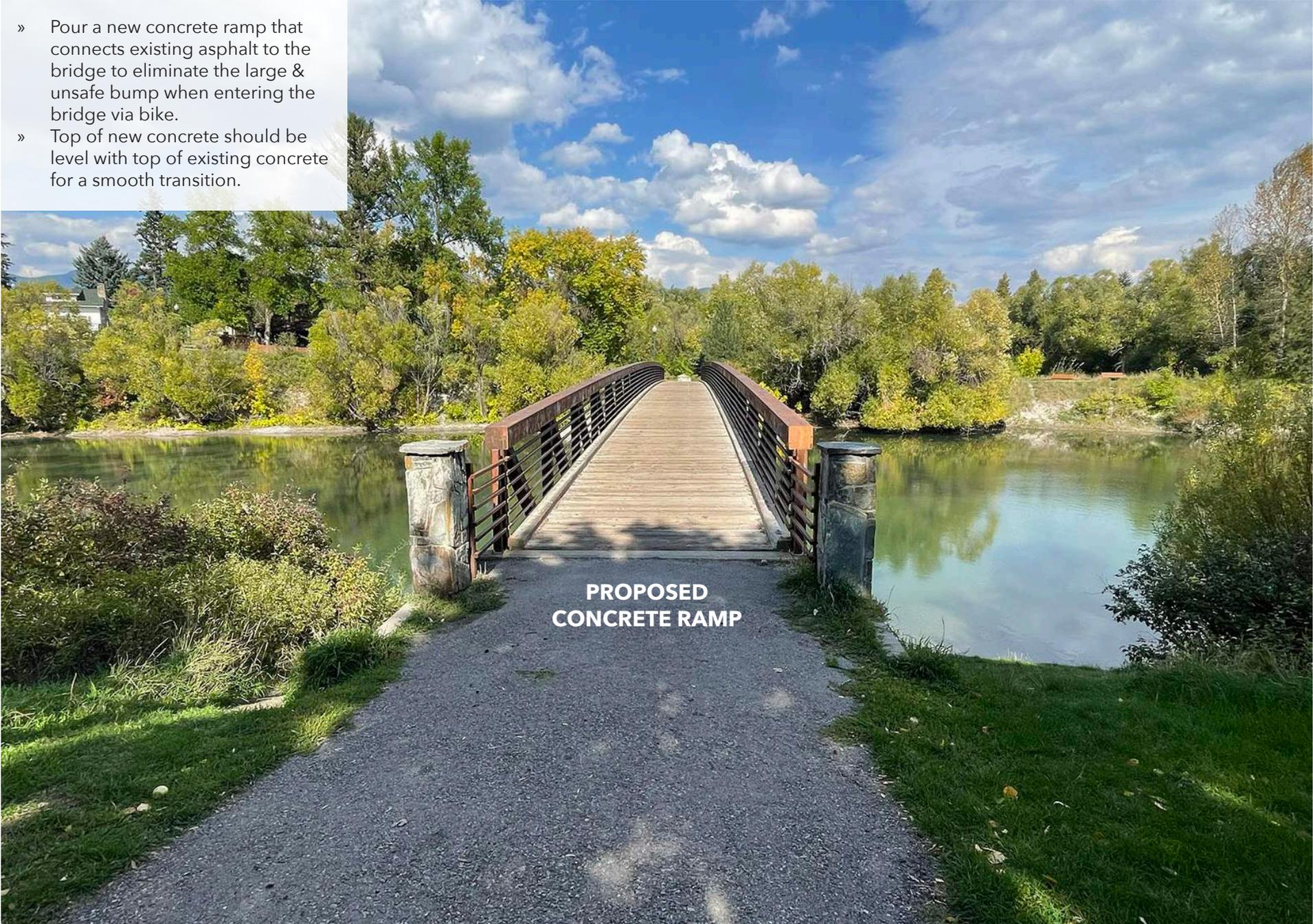
- » red-osier dogwood
- » twinberry honeysuckle
- » drummond willow

- » western sand cherry
- » snowberry



# Proposed Concrete Ramp

- » Pour a new concrete ramp that connects existing asphalt to the bridge to eliminate the large & unsafe bump when entering the bridge via bike.
- » Top of new concrete should be level with top of existing concrete for a smooth transition.



**PROPOSED  
CONCRETE RAMP**

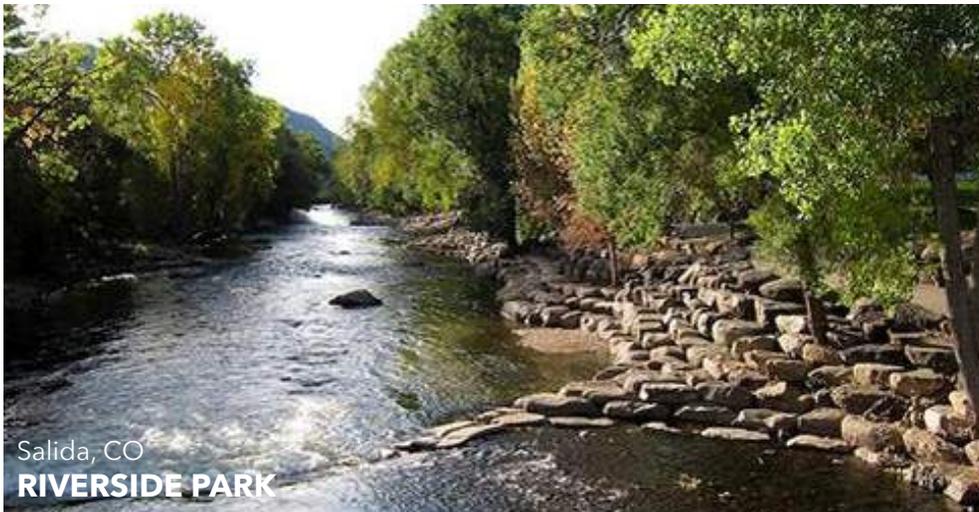
# Precedents

- » Place stone steps for safer & easier river access
- » Use boulders and native plants to anchor stone steps & the hillside
- » Terrace boulders along the river bank to prevent erosion, stabilize the bank, and provide seating



Fort Collins, CO

**POUDRE RIVER WHITEWATER PARK**



Salida, CO

**RIVERSIDE PARK**



Fort Collins, CO

**POUDRE RIVER WHITEWATER PARK**

# Lakeshore Stone Steps & Plantings Example



CHIEF CLIFF STEPS

# Stone Steps



# Seat Rock Examples for Social Area Under Bridge





Whitefish River Access at the Riverside Park Pedestrian Bridge (North)

Obrien Ave Whitefish, MT | Landscape Design | April 2024



center  
— for —  
native  
plants



Site Plan



# Bike Rack



# Materials & Plants

## MATERIAL QUANTITIES

- GRAVEL FOR UPPER PAD: 380 SF
- GRAVEL PAD FOR SOCIAL AREA: 235 SF
- RIVER ROCK FOR BEACH: 50 SF
- NATIVE PLANTINGS: 365 SF
- CHIEF CLIFF STONE STEPS: ~22
- CHIEF CLIFF SEAT ROCKS: 2-3, 24-36" LENGTH, 18" HEIGHT
- CHIEF CLIFF STAGGERED "STADIUM" STONE: 23' LENGTH, 4' HEIGHT
- CHIEF CLIFF WALK ROCK 1: 9.5' LENGTH, 1.5' HEIGHT
- CHIEF CLIFF WALL ROCK 2: 8' LENGTH, 1' HEIGHT

PLANT LEGEND						
COMMON NAME	LATIN NAME	QTY.	SIZE	ID	PRICE/PLANT	TOTAL COST
<b>CONIFERS</b>						
<b>TOTAL</b>		<b>0</b>				
<b>DECIDUOUS</b>						
<b>TOTAL</b>		<b>0</b>				<b>\$ 0.00</b>
<b>SHRUBS</b>						
Red-osier Dogwood	<i>Cornus sericea</i>	3	5 Gal	ROD	\$ 50.00	\$ 150.00
Twinberry Honeysuckle	<i>Lonicera involucrata</i>	3	1 Gal	TBH	\$ 14.00	\$ 42.00
Mock-orange	<i>Philadelphus lewisii</i>	1	5 Gal	MO	\$ 50.00	\$ 50.00
Western Sand Cherry	<i>Prunus besseyi</i>	3	5 Gal	WSC	\$ 50.00	\$ 150.00
Golden Currant	<i>Ribes aureum</i>	1	5 Gal	GC	\$ 50.00	\$ 50.00
Snowberry	<i>Symphoricarpos albus</i>	6	1 Gal	SB	\$ 14.00	\$ 84.00
<b>TOTAL</b>		<b>17</b>				<b>\$ 526.00</b>
<b>PERENNIALS</b>						
Horsemint	<i>Agastache urticifolia</i>	5	1 Gal	H	\$ 10.50	\$ 52.50
Nodding Onion	<i>Allium cernuum</i>	7	1 Gal	NO	\$ 13.75	\$ 96.25
Pearly Everlasting	<i>Anaphalis margaritacea</i>	6	1 Gal	PE	\$ 13.75	\$ 82.50
Rosy Pussytoes	<i>Antennaria rosea</i>	12	1 Gal	RP	\$ 13.75	\$ 165.00
Milkweed	<i>Asclepias speciosa</i>	3	1 Gal	MW	\$ 13.75	\$ 41.25
Aspen Fleabane	<i>Erigeron speciosus</i>	5	1 Gal	AF	\$ 10.50	\$ 52.50
Blanketflower	<i>Gaillardia aristata</i>	8	1 Gal	BF	\$ 13.75	\$ 110.00
Beebalm	<i>Monarda fistulosa</i>	5	1 Gal	BEE	\$ 13.75	\$ 68.75
Yellow Prairie Coneflower	<i>Ratibida columnifera</i>	6	1 Gal	YPC	\$ 13.75	\$ 82.50
<b>TOTAL</b>		<b>57</b>				<b>\$ 751.25</b>
<b>GRASSES</b>						
Idaho Fescue	<i>Festuca idahoensis</i>	25	1 Gal	IF	\$ 10.50	\$262.50
<b>TOTAL</b>		<b>25</b>				<b>\$ 262.50</b>

# Concept



Shiva Solaimanian

# Planting Concept

Use a variety of appropriate native wildflowers, grasses, and shrubs to stabilize the bank, prevent erosion. and create some seasonal blooms for color and pollinators

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- » yellow prairie coneflower
- » idaho fescue

- » mockorange
- » golden currant
- » red-osier dogwood
- » twinberry honeysuckle

- » western sand cherry
- » snowberry



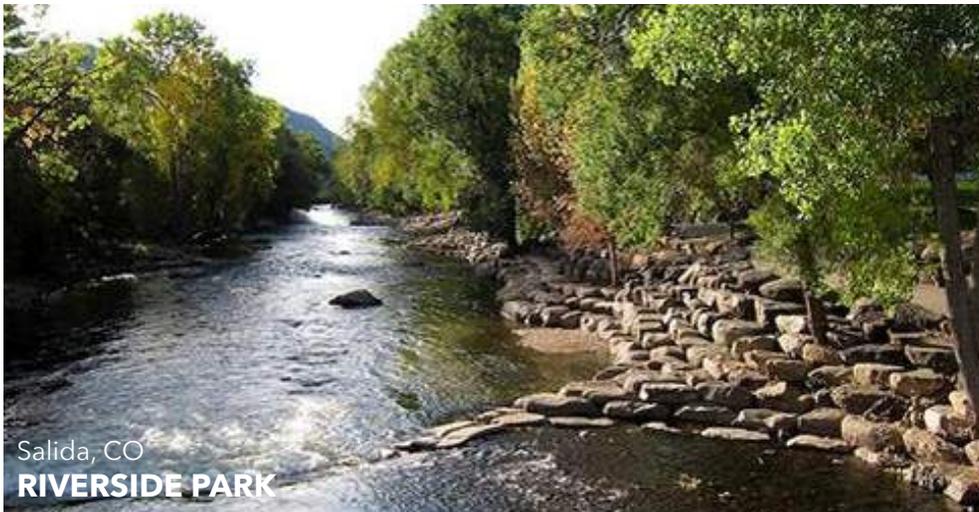
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# Lakeshore Stone Steps & Plantings Example



CHIEF CLIFF STEPS

# Stone Steps



# Seat Rock Examples for Social Area Under Bridge



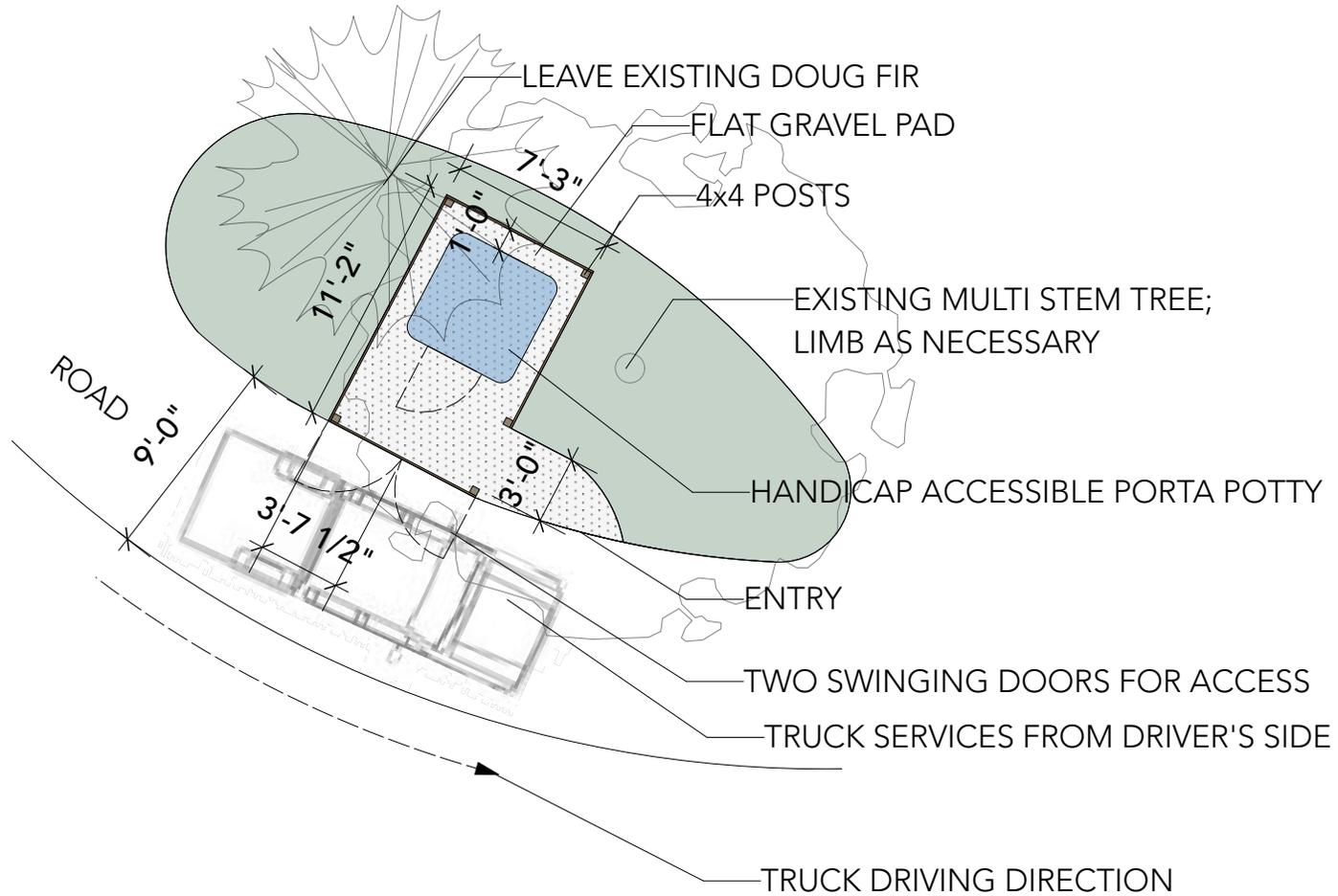


Porta Potty Shelter at Riverside Park  
Obrien Avenue Whitefish, MT | Landscape Design | April 2024



center  
— for —  
native  
plants

# Site Plan

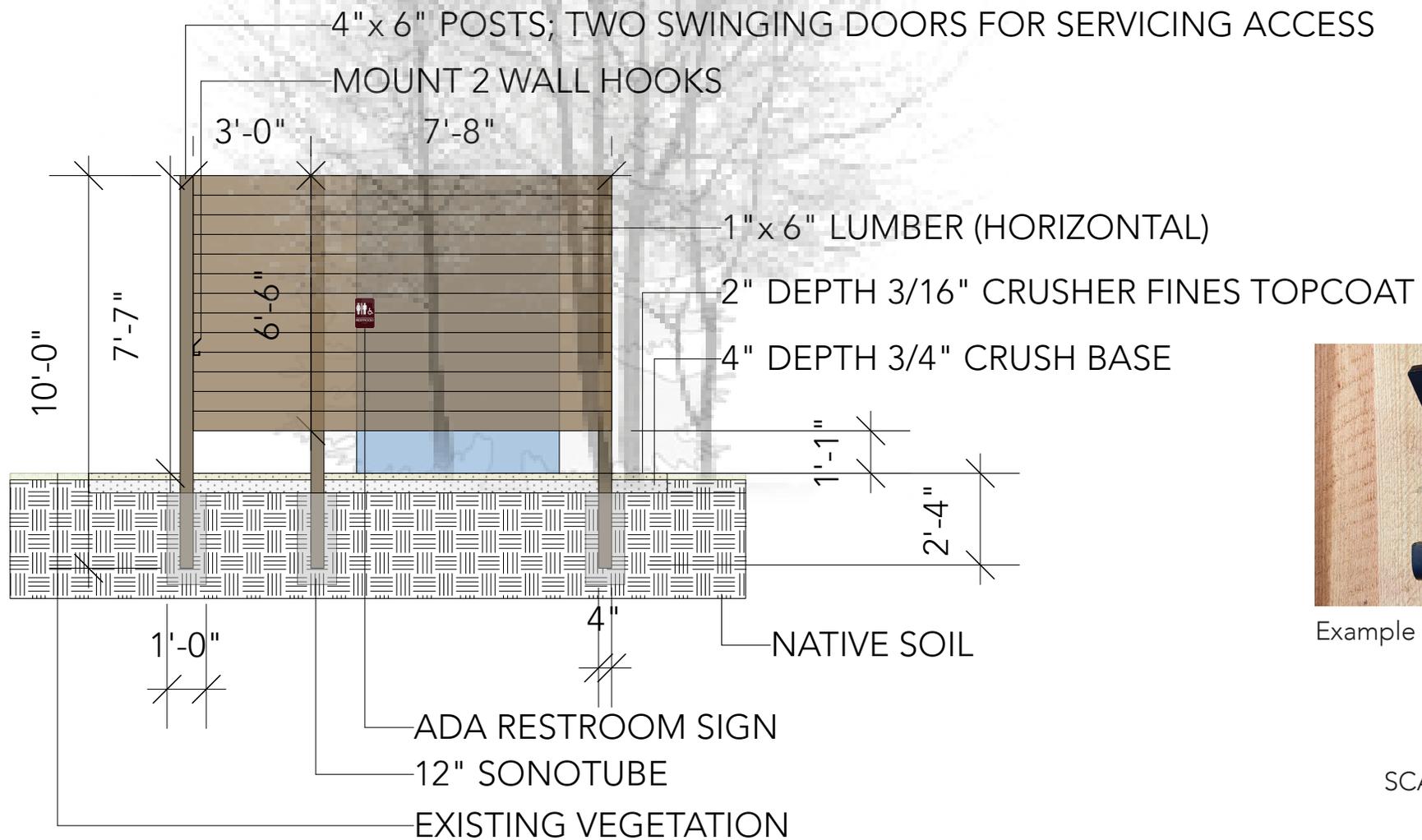


## NOTE

All measurements are estimates.  
Actual elevations need verification from a survey.  
Design or materials selection changes require  
approval from or consultation with Forestration.

SCALE: 1/8"=1' 

# Section



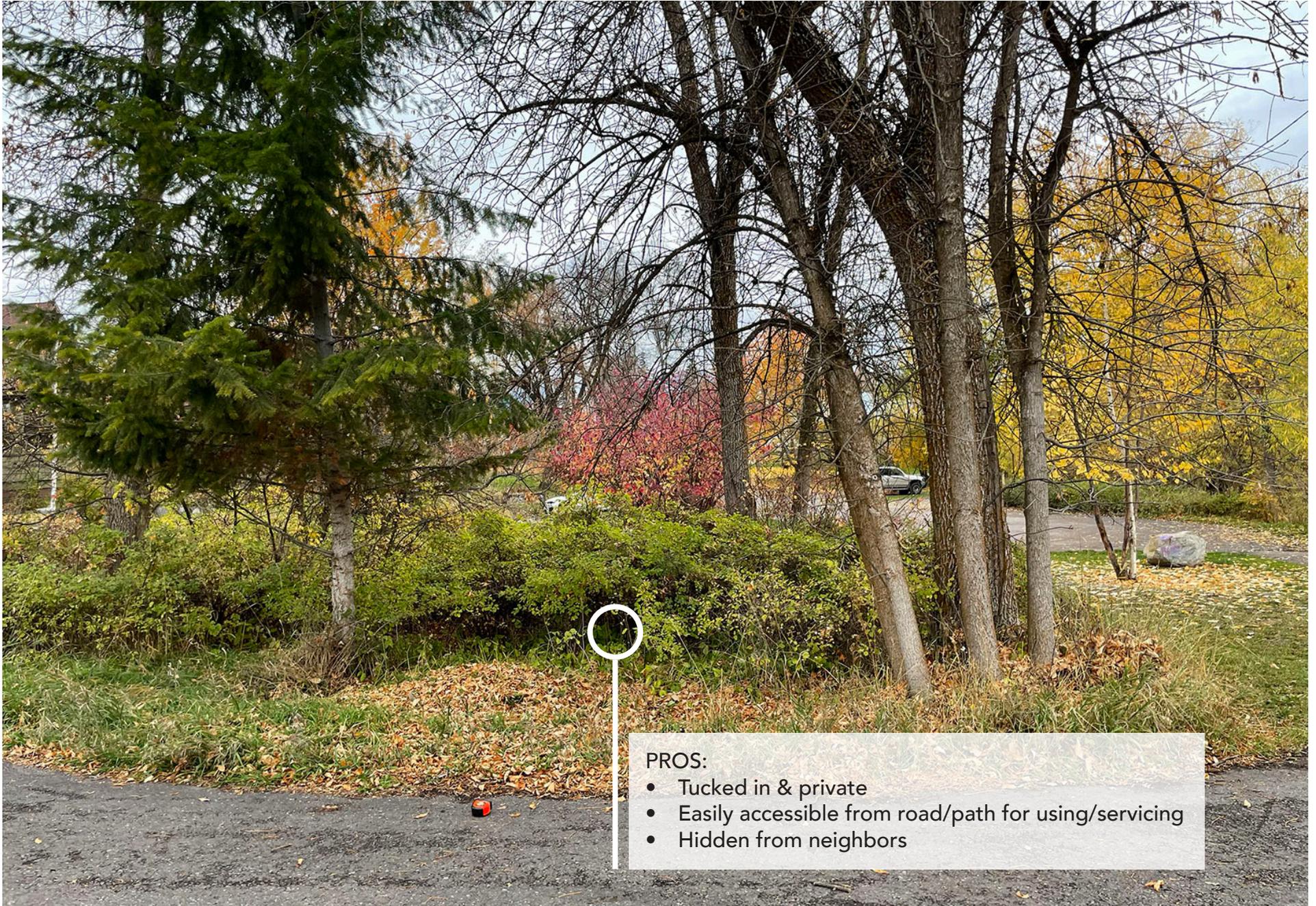
Example wall hook.

SCALE: 1/4" = 1'

# Location



# Location

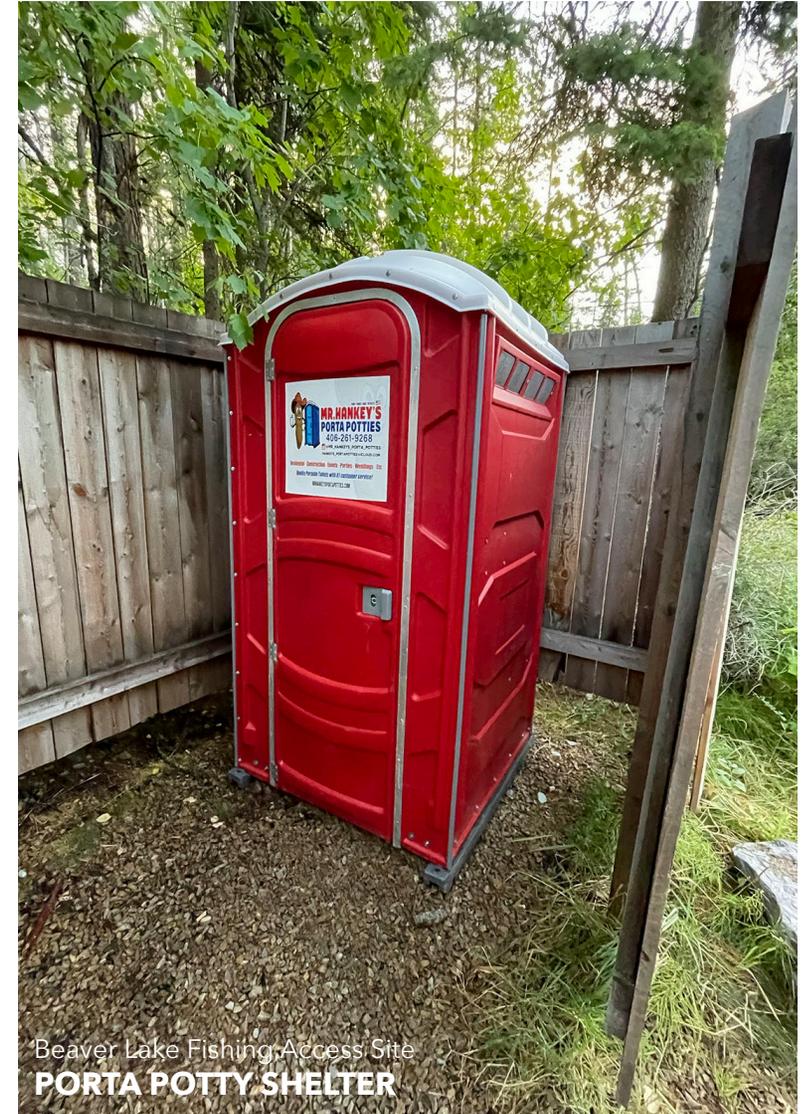


## PROS:

- Tucked in & private
- Easily accessible from road/path for using/servicing
- Hidden from neighbors

# Precedents

- » Surround a porta potty with a wood shelter for privacy.
- » Ensure the porta potty is accessible for servicing.
- » Leave an opening for access.



# Mr. Hankey Handicap Porta Potty



## DIMENSIONS

- » Exterior Length: 62"
- » Exterior Width: 62"
- » Exterior Height: 91"
- » Door Frame Width: 32"
- » Door Frame Height: 74"
- » Seat Height: 19"
- » Holding Tank Capacity: 33 Gallon



**Whitefish River Access at Baker Avenue**

Baker Ave Whitefish, MT | Landscape Design | September 2023



center  
for  
native  
plants

# Site Plan



# Stone Steps



# Seat Rock Examples

