

# UNCAS LEAP HERITAGE PARK

PROJECT UPDATE

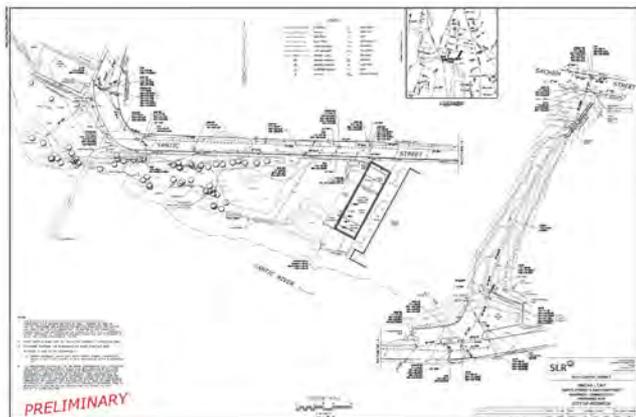
August 1, 2022

global **environmental** and **advisory** solutions



# TASKS COMPLETED TO DATE

- Field Survey
- Geotechnical Engineering Exploration and Report
- Environmental Investigation and Report
- Conceptual updates to Master Plan
- Update meeting with City staff and Design Committee
- Completed Schematic Design (30%) of park
- Initiating Schematic Design of Sachem St connection
- Initiating Design Development (60%) of park



**CET**  
GLOBAL ENVIRONMENTAL, INC.

**CHAIN OF CUSTODY**

Soil and Rock Only  
Date and Site of Analysis  
Client: [Redacted]  
CET:

Sample ID	Sample Depth	Collection Date/Time	Location	Container	Remarks
1	0-12"	11-8-22	11-8-22		
2	12-24"				
3	24-36"				
4	36-48"				
5	48-60"				
6	60-72"				
7	72-84"				
8	84-96"				
9	96-108"				
10	108-120"				
11	120-132"				
12	132-144"				
13	144-156"				
14	156-168"				
15	168-180"				
16	180-192"				
17	192-204"				
18	204-216"				
19	216-228"				
20	228-240"				
21	240-252"				
22	252-264"				
23	264-276"				
24	276-288"				
25	288-300"				
26	300-312"				
27	312-324"				
28	324-336"				
29	336-348"				
30	348-360"				
31	360-372"				
32	372-384"				
33	384-396"				
34	396-408"				
35	408-420"				
36	420-432"				
37	432-444"				
38	444-456"				
39	456-468"				
40	468-480"				
41	480-492"				
42	492-504"				
43	504-516"				
44	516-528"				
45	528-540"				
46	540-552"				
47	552-564"				
48	564-576"				
49	576-588"				
50	588-600"				

Client: Reporting Information  
Project Information  
Date: 11-8-22  
Time: 10:00 AM  
Location: [Redacted]  
CET: [Redacted]

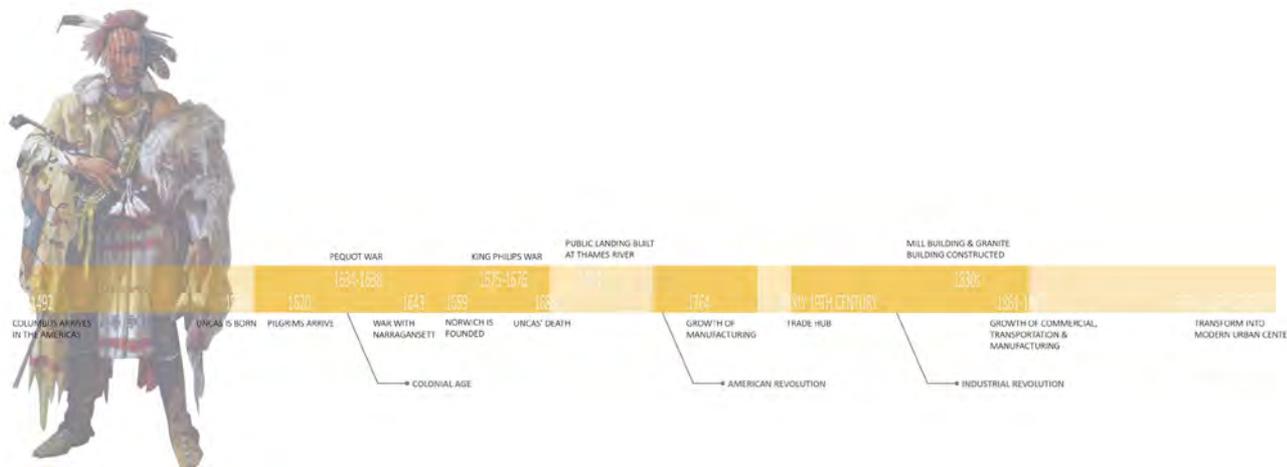
Additional Notes:  
\* Additional analysis was required. \*\* EAT requires when all samples are returned at the Lab and all return are received. TAT for samples returned after 3 p.m. will occur on the next business day. All samples picked up by vehicle require sufficient customer authorization for receipt by SLR personnel.

BORING LOG									
PROJECT: [Redacted]						BORING NO.: [Redacted]		SHEET: [Redacted]	
CLIENT: [Redacted]						CONTRACTOR: [Redacted]		DATE: [Redacted]	
LOCATION: [Redacted]						WATER DEPTH: [Redacted]		TYPE OF SOIL: [Redacted]	
DATE: [Redacted]						WATER DEPTH: [Redacted]		TYPE OF SOIL: [Redacted]	
DATE: [Redacted]						WATER DEPTH: [Redacted]		TYPE OF SOIL: [Redacted]	
1	0.1	12							
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# MASTER PLAN MISSION STATEMENT

....is a dynamic space that affords an abundance of interesting opportunities to express the heritage and history of the falls related to the Native Americans, particularly the Mohegans, colonists, and the City of Norwich. As designers we must be ever cognizant to:

- properly embracing the site's inherent characteristics,
- mitigate the site's constraints to the extent feasible, and
- not over design elements that distract from the reason the site has always been a focus of human interest; the falls.



# MASTER PLAN 2018



## Master Plan Components

1. Proposed parking lot – approximately 9-10 spaces
2. Three flagpoles - USA flag, CT State flag and Mohegan Tribe flag
3. City to acquire small parcel
4. Improved walk access to the Yantic River pedestrian bridge. The walkway provides a great opportunity for a time line exhibit along the path demonstrating the significance of the site.
5. Direct stair access to the park
6. Observation deck providing a unique overlook to the Yantic River and falls. Provide educational and interpretive signage at overlook with content related to Yantic Falls and Uncas Leap
7. Informal picnic area with granite block seats
8. Lawn area
9. Trail access formalized with boulders and stepping stones
10. Midslope lookout and respite area
11. Personal watercraft tie-down area. Install large flat boulders. Provide steel pins with marine rope and carabiner for tie-down.
12. Overlook provides a unique elevated vantage point along the banks of the Yantic River. Provide educational and interpretive signage with content related to the former mills and nearby Mohegan landing.
13. Formal paths on site can be aggregate surfaces that provide an accessible surface, natural aesthetic, and pervious material
14. Bus pulloff
15. Three on-street parking including two accessible spaces
16. Public restroom building
17. Story circle utilizing granite from the granite building.
18. Flexible plaza space with Native American symbology to allow for formal and impromptu gatherings
19. Accessible walkway to story circle
20. Sloped lawn at lower level
21. Paved area for gathering and picnicking with granite block stepping stones and seating.
22. The granite building foundation is to remain with selected wall sections to be removed. Sections to remain will be restored. The northern third of the building will have a renovated roof
23. Improvements to pedestrian bridge including new railings and lighting
24. Bicycle racks (6)
25. Existing decorative iron fence to be renovated and ornamental street lights added to Yantic Street

# CITY PROGRESS SINCE MASTER PLAN

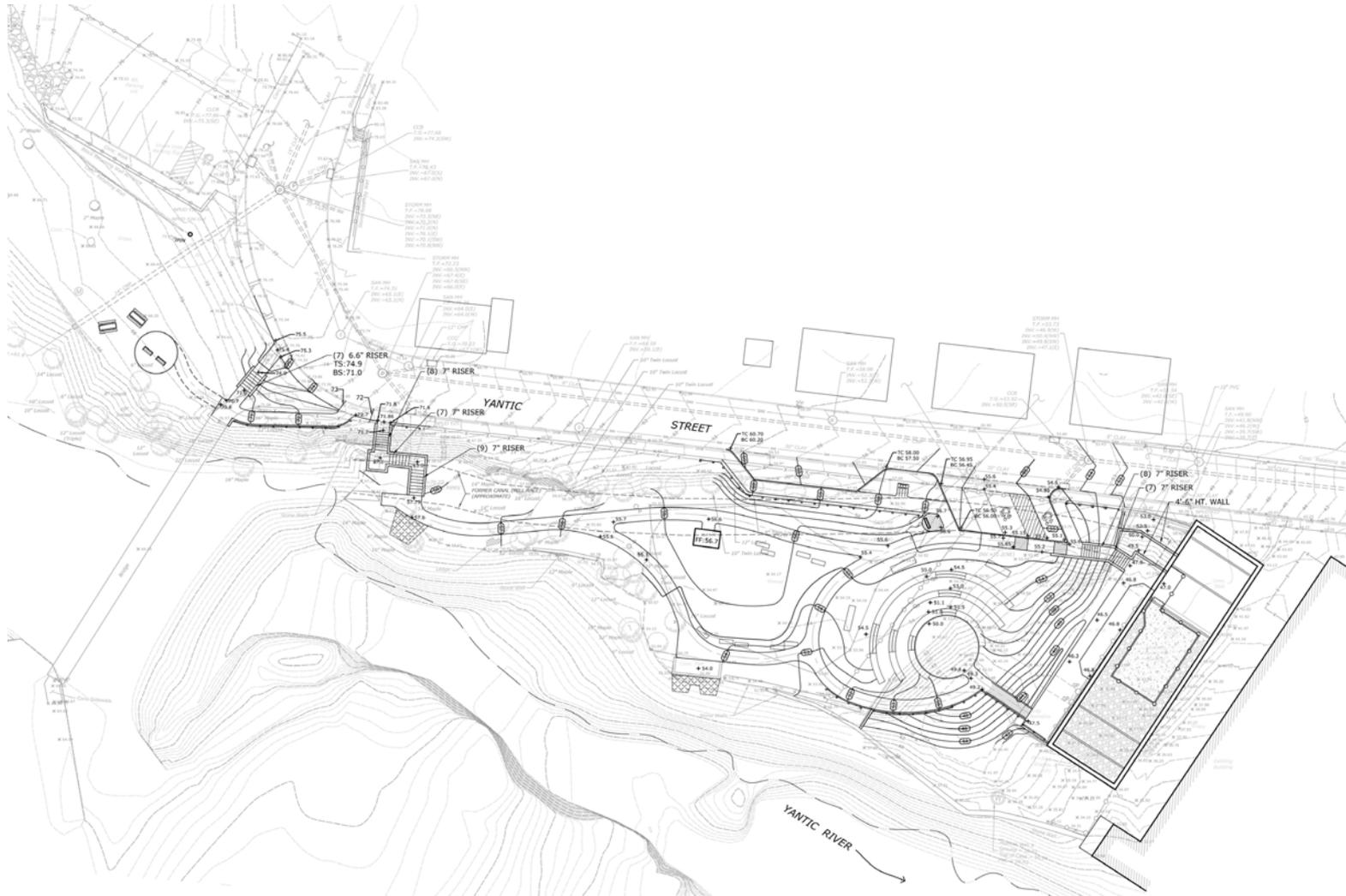


# MASTER PLAN HIGHLIGHTED CHANGES

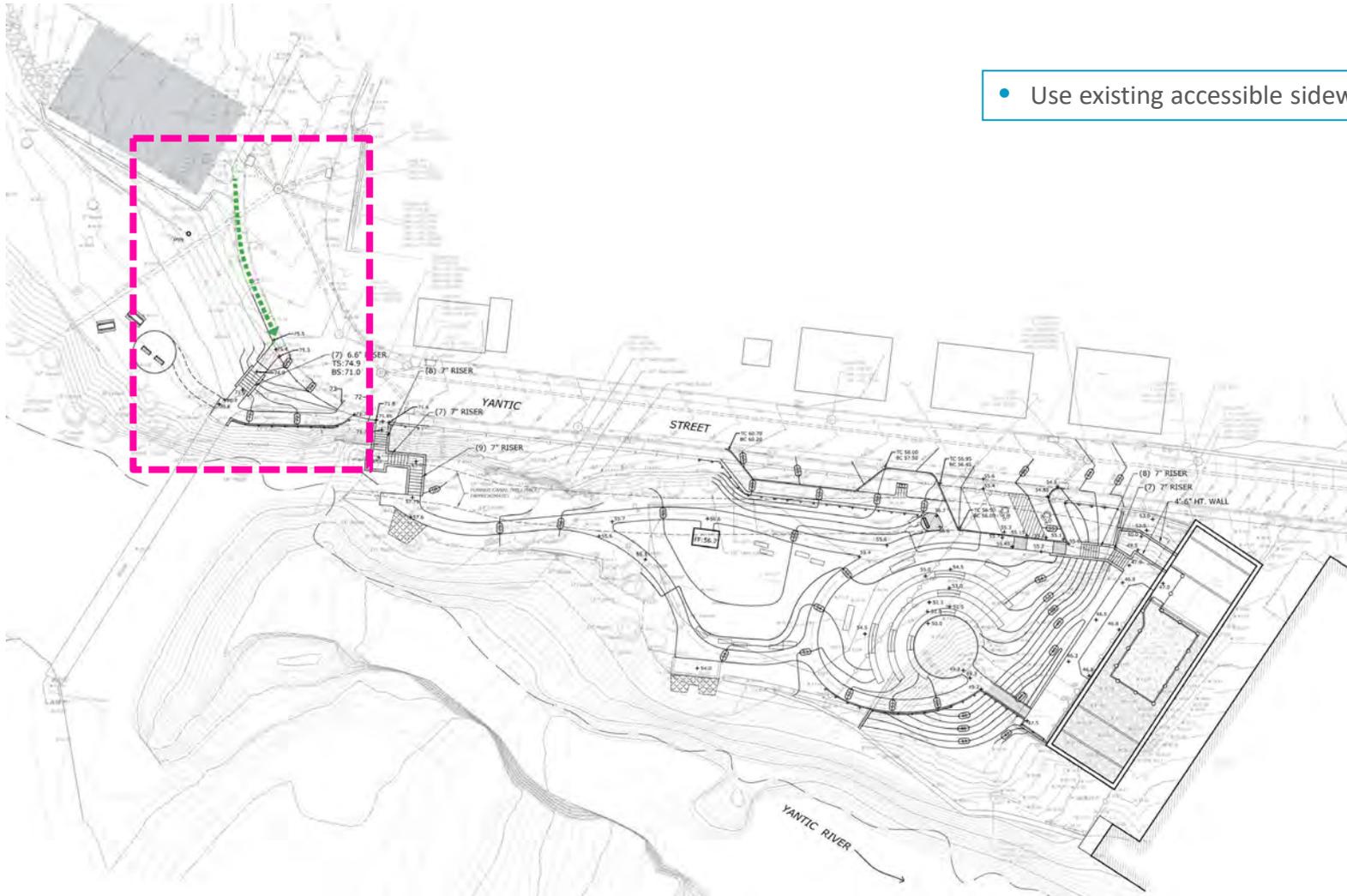


- A.** Revised access from parking lot to Yantic River pedestrian bridge and to the park
- Sidewalk removed
  - Revised direct stair access into park
  - Seating/picnic area
- B.** No formalized trail access to the waterfront and no watercraft tie-down area
- Relocated cantilevered overlook
- C.** Revised access to story circle and stone mill building
- Sidewalk with stairs removed
  - New accessible route
  - Revised story circle seating
  - “Exhibit Room” in the stone mill building
  - Relocate restroom building

# SCHEMATIC DESIGN PLAN (30%)

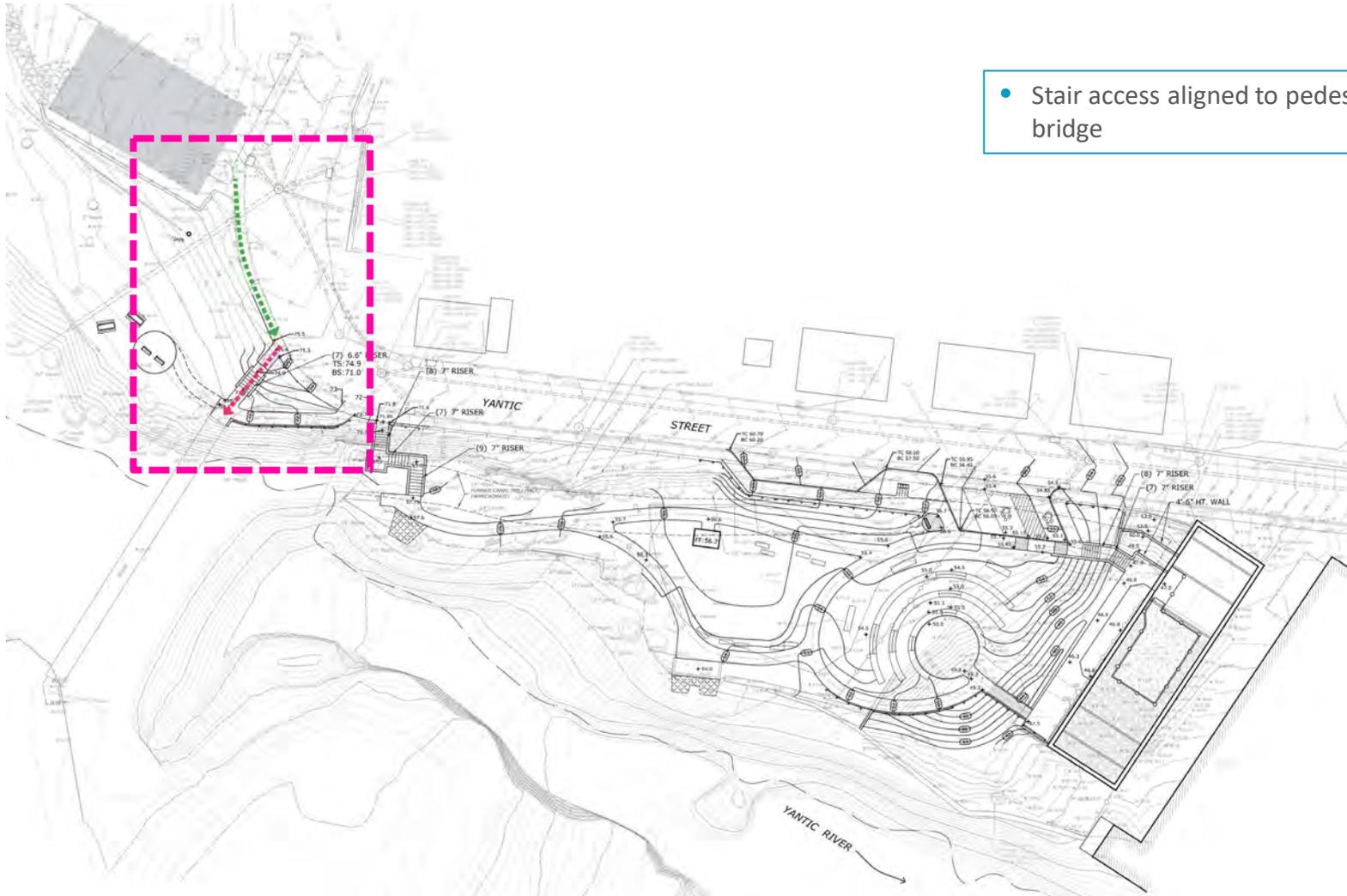


# SCHEMATIC DESIGN PLAN (30%)

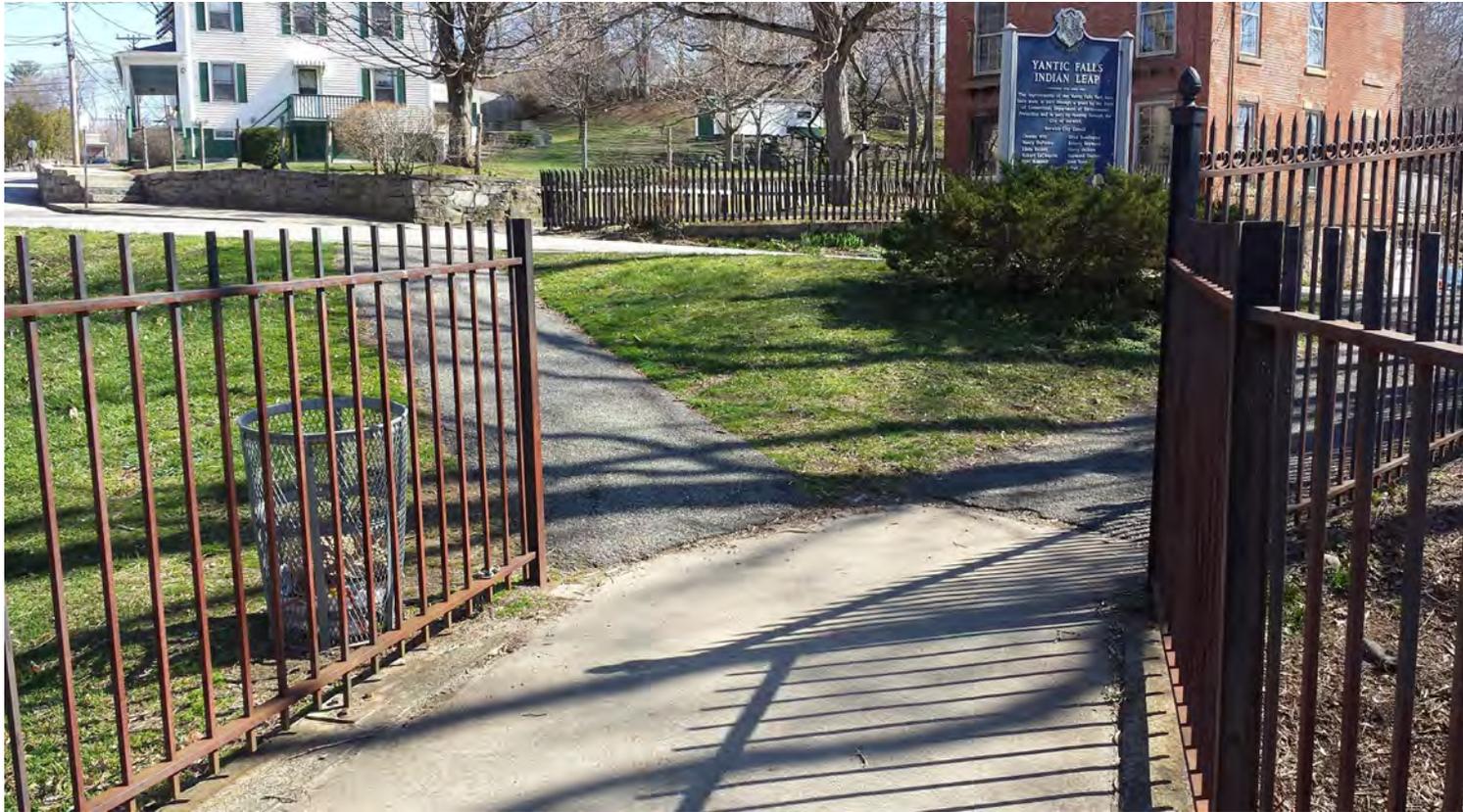




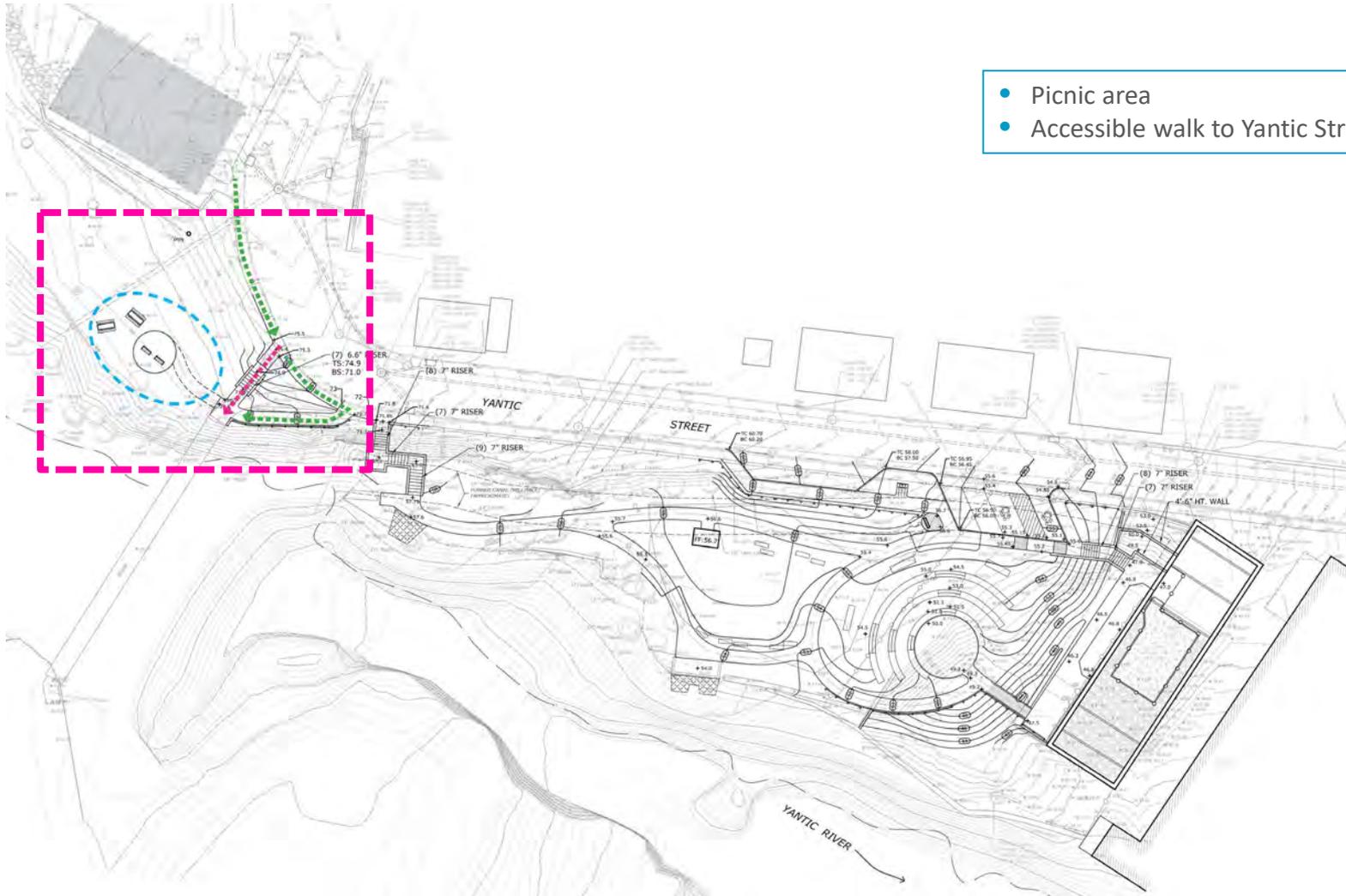
# SCHEMATIC DESIGN PLAN (30%)



- Stair access aligned to pedestrian bridge



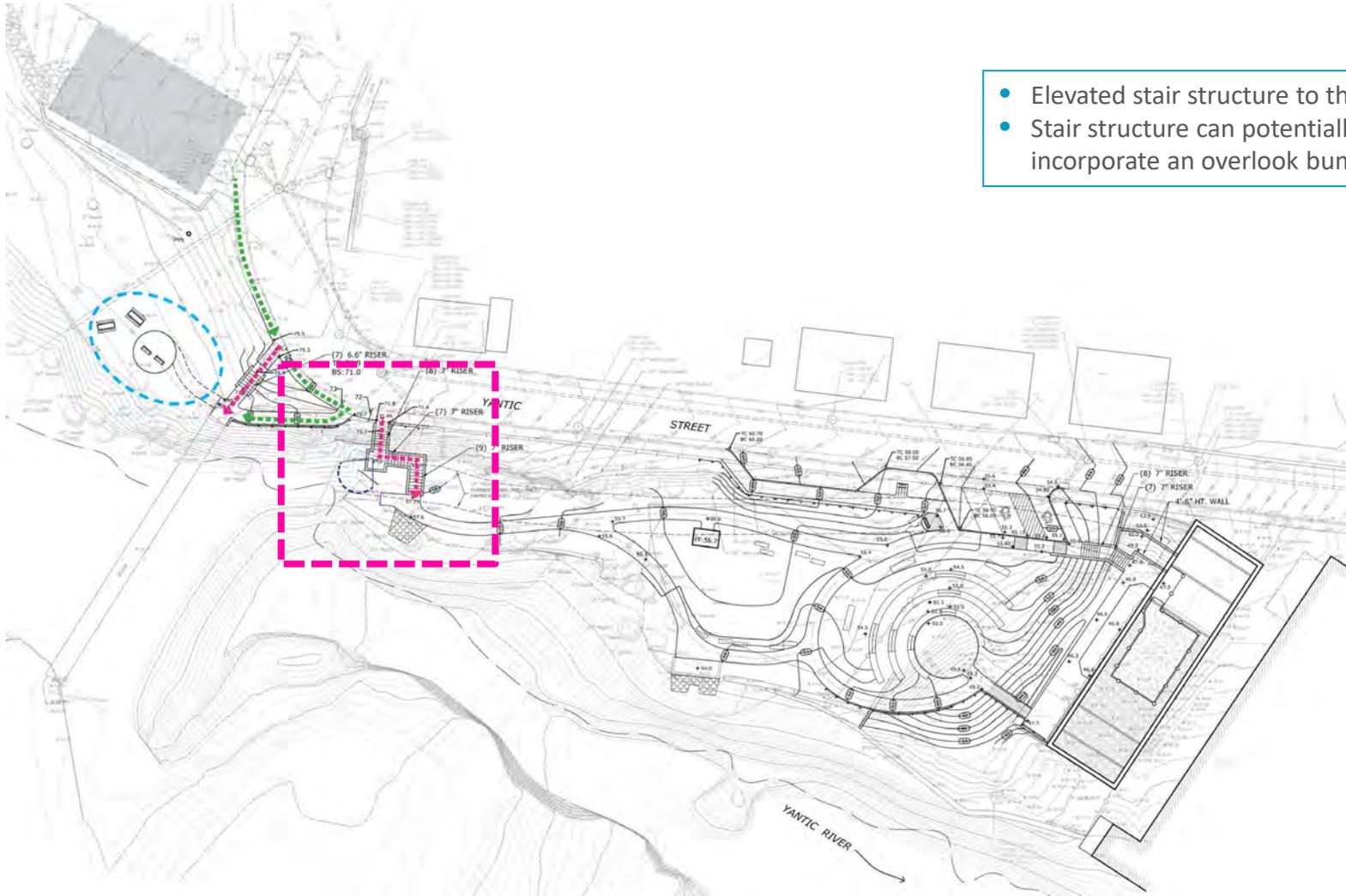
# SCHEMATIC DESIGN PLAN (30%)



- Picnic area
- Accessible walk to Yantic Street



# SCHEMATIC DESIGN PLAN (30%)



- Elevated stair structure to the park
- Stair structure can potentially incorporate an overlook bumpout



# SCHEMATIC DESIGN PLAN (30%)



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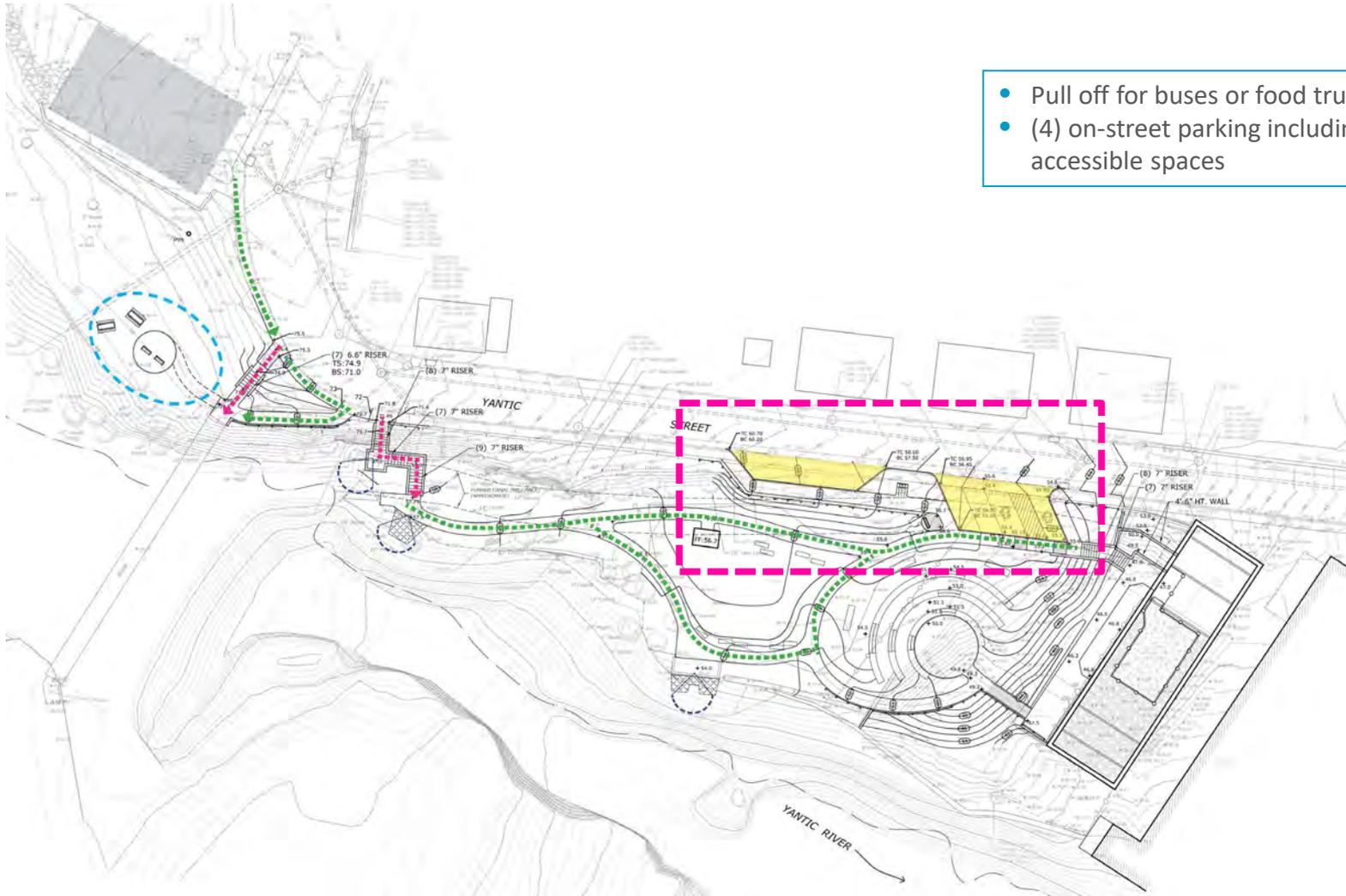
- (2) locations for cantilevered overlooks







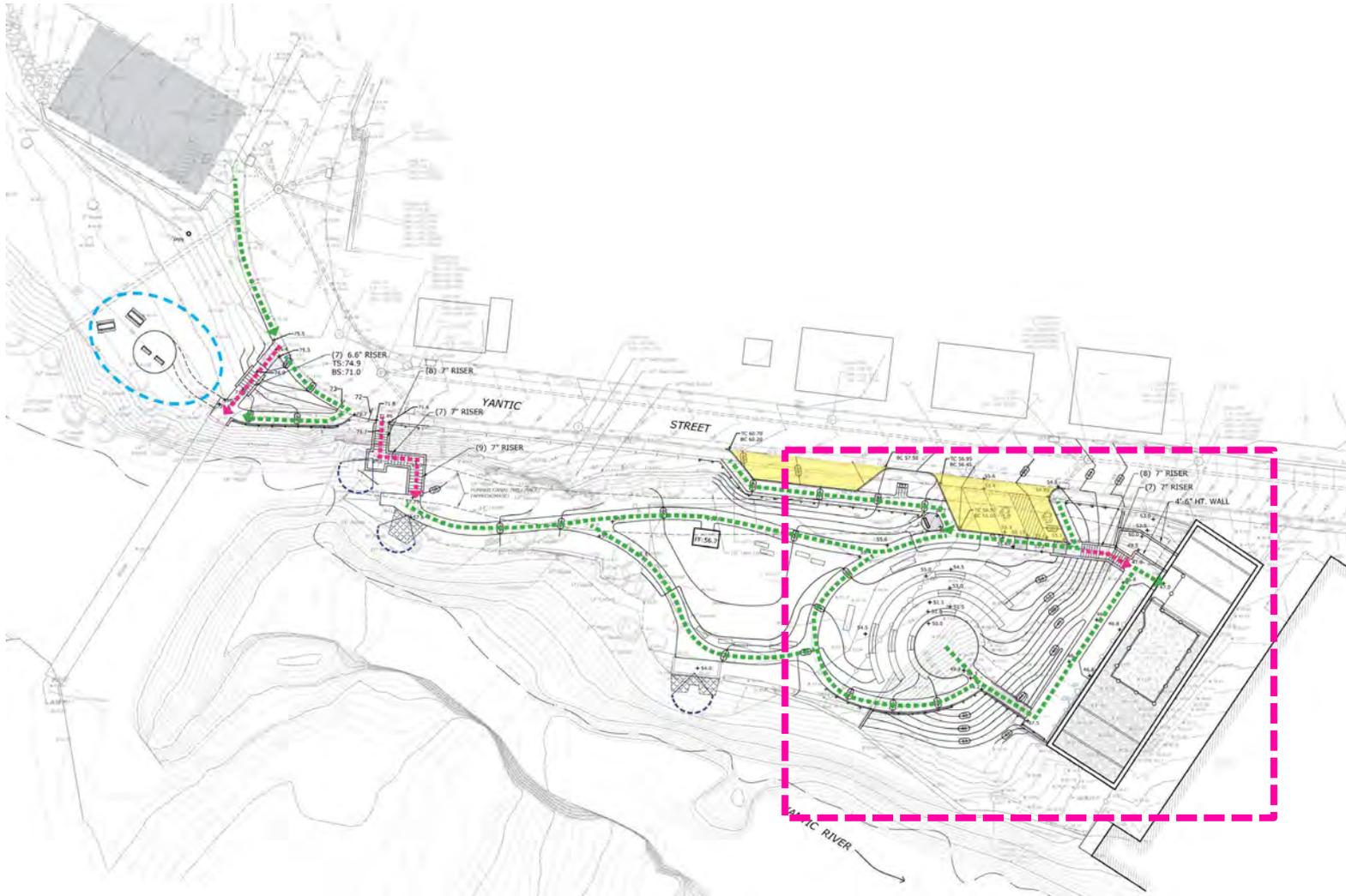
# SCHEMATIC DESIGN PLAN (30%)



- Pull off for buses or food trucks
- (4) on-street parking including (2) accessible spaces



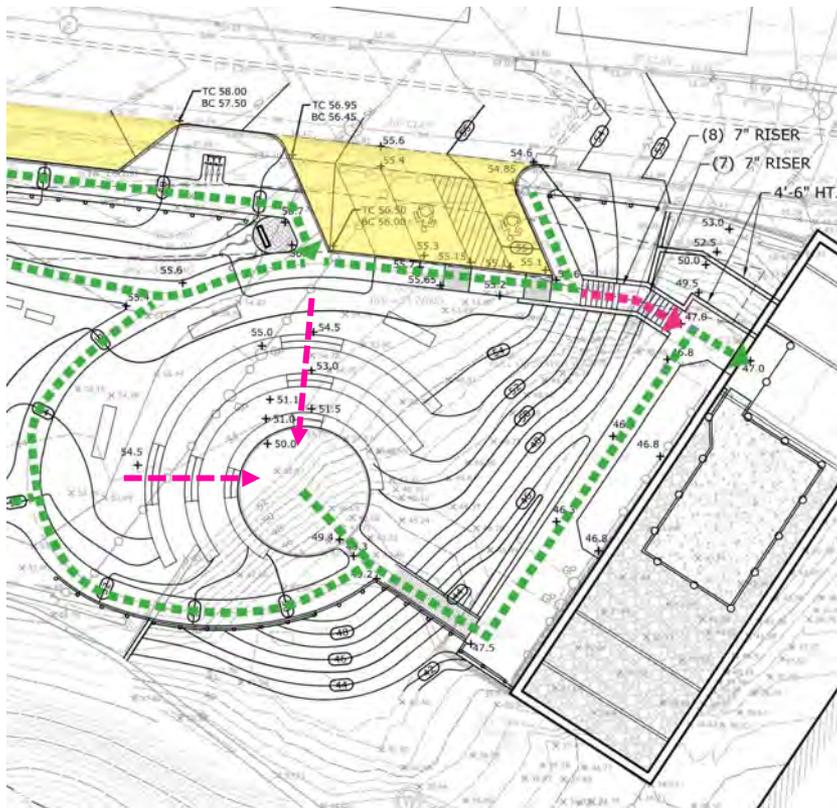
# SCHEMATIC DESIGN PLAN (30%)



- Accessible route to story circle & stone mill building
- Reuse concrete platform as base for walkway to stone mill
- Create an “Exhibit Room” within the stone mill shell
- Provide direct stair access from Yantic Street to the stone mill building



- Terraced amphitheater / stone seating & steps
- Direct access through lawn



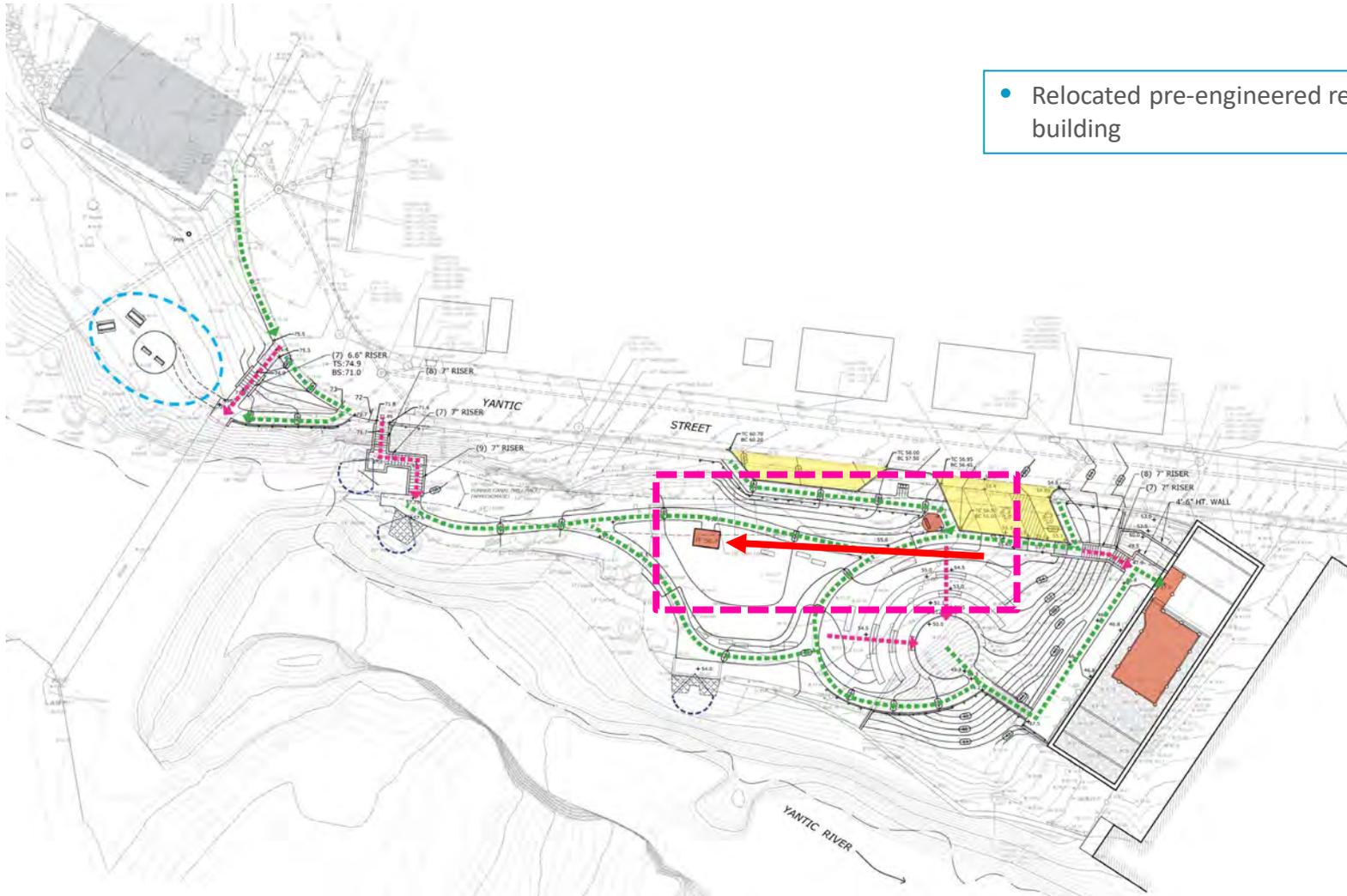
# SCHEMATIC DESIGN PLAN (30%)



- Extend concrete slab to create “Exhibit Room” for daily visitors & special events
- Install a decorative metal fence to direct visitors and protect the support structure & remnant walls
- Incorporate informational signage along fence
- Fill the unused portion of the shell’s interior with decorative stone



# SCHEMATIC DESIGN PLAN (30%)



- Relocated pre-engineered restroom building

# NEXT STEPS

- Create critical cross sections of site
- Present material options and selections
- Develop construction estimate
- Prepare regulatory submissions
- Prepare designs for sachem street connection

# ANTICIPATED SCHEDULE



• April – May.	Field Investigations	Complete
• May	Project Initiation and Analysis	Complete
• June	Schematic Design (30%)	Complete
• July - August	Design Development (60%)	6 weeks
• August - Oct.	Regulatory Permits	2 to 3 months
• Nov. – Jan. 2023	Construction Documents (100%)	10 weeks
• February	Bid Phase	1 month
• April - Nov. 2023	Construction Phase	8 months