



Review and Discussion of Park Improvements at Buckwalter Place Park and New Riverside Barn Park

Presentation to Town Council

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Buckwalter Place Park Background (BPP)



- Conceptual Master Plan approved at the January 16, 2024 Town Council meeting.
- Direction from Town Council included priority on improving safety and comfort to include enhanced lighting, raised crosswalk and more shade/cooling elements. Council also recommended advancing progress in small steps in lieu of one large project.
- Discussion will include the proposed updated plan to be used as a tool for the development of the park throughout fiscal years '25, '26 and '27.
- FY24 improvements included the planting of 23 trees to the site, construction of the park identification signs and generation of the construction documents for the phased hardscape improvements.

BPP Conceptual Master Plan

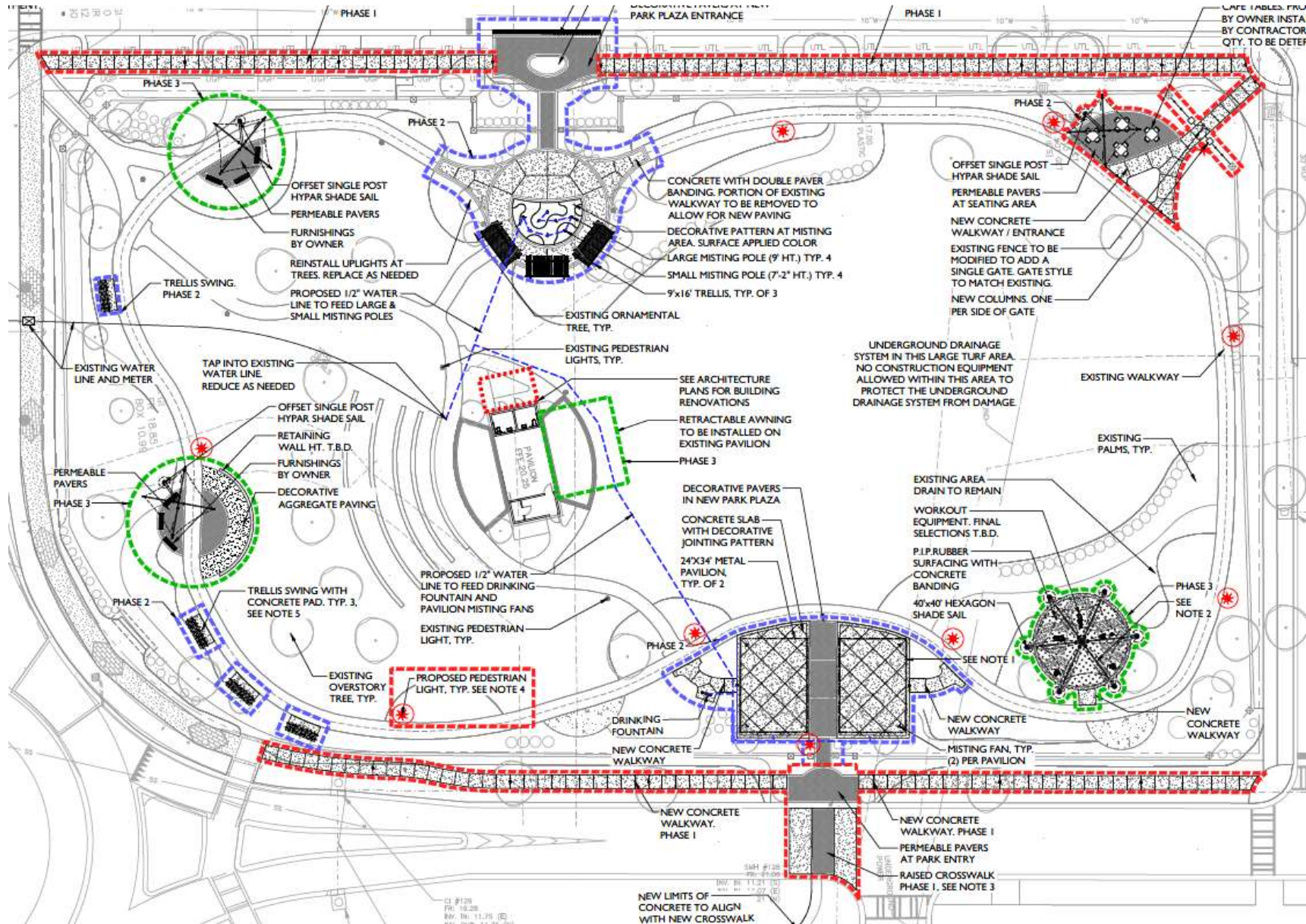


CONCEPTUAL MASTER PLAN - **OPTION 2**

LEGEND

- A** Carecore Entry Plaza:
Redesigned Paver Plaza to align with
proposed sidewalk, Raised Planters
& Entry Arbor
- B** Interactive Water Fountain
- C** Added Sidewalk Connection (5' Wide)
- D** Reduced Plant Bed Area & Expand Lawn
- E** Upgraded Plantings at Entrance
- F** Seating Node with Art Sculpture & **Shade Sails**
- G** Sunken Art Room:
Retaining Wall with Built-in IPE Bench, (5) Stone
Art Bases Surrounded by Gravel & **Shade Sails**
- H** Re-purposed Bluffton Community Sign
- I** Double-sided Pavilion Renovated For Events:
Serves Great Lawn & Amphitheater, Upgraded
Restrooms, Locate AED, Concealed Trash &
Recycling, and Retractable Awnings for both
sides
- J** Innovation Entry Plaza:
Expanded with (2) Flanking Pavilions [±25'x30']
**Each equipped to have fans, water misters, and
lighting**
- K** Outdoor Fitness Circuit w/ Low-Impact Surface
Refrigerated Water Fountain (ADA, Bottle, Dog)
- L** Trellis Swings (6)
- M** New Entry at Corner with Seating Area &
Naturalized Plantings with Native Grasses, Pines,
Accent Trees, Oaks, & **Shade Sails**
- N** Great Lawn: Defined with Existing Loropetalum
hedge to be supplemented as needed, with
tightly Spaced Palm Trees and Cordgrass
- O** Raised Crosswalk / Major Pedestrian
Connection
- P** Overall - Simplify bed lines, expand lawn areas
wherever possible and add Shade Trees where
appropriate.



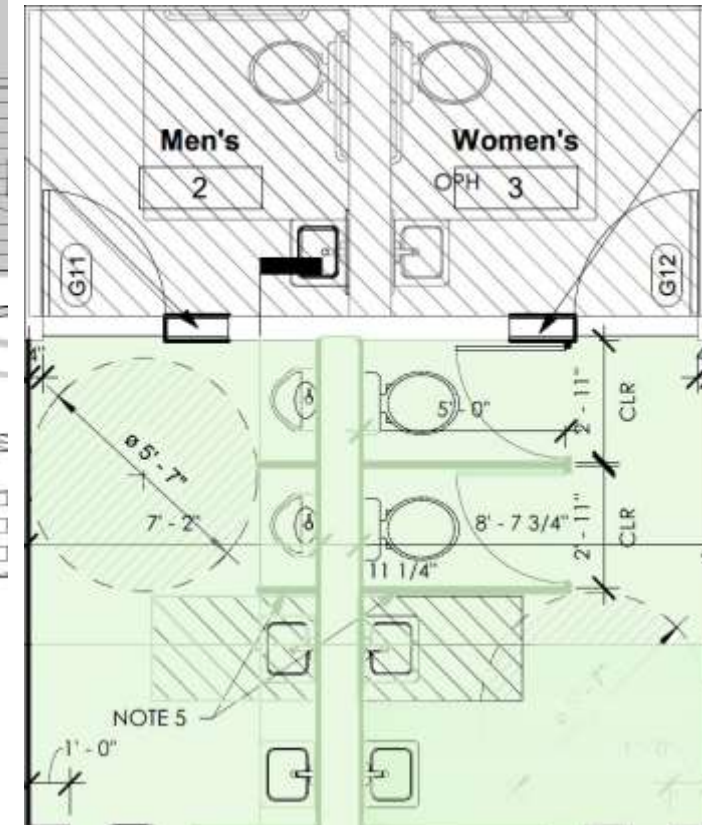


PHASE 1 (FY25): Safety

PHASE 2 (FY26): Comfort

PHASE 3 (FY27): Comfort

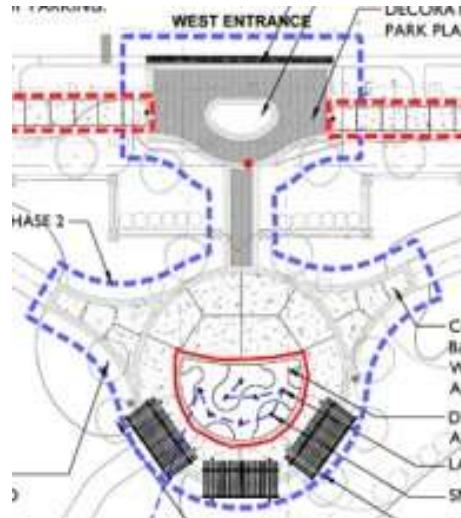
BPP Restroom Expansion



BPP Interactive Fountain Option A



Misty Water Jets



Pro's

- No DHEC permitting
- Low water consumption (.3 GPM ea.)
- Interactive for all age groups
- No large equipment or pumps required.
- More artful aesthetic even when not in use.
- Ease of installation.
- +/- 50,000 Gal. used yearly. (8 Misters)
Significantly less water use compared to a traditional spray jet by 10x.

Con's

- Not as engaging for younger users compared to ground jets but play value is still a great addition to the park.

BPP Interactive Fountain Option B



Ground Water Jets



Pro's

- More interactive with higher play value to younger users.

Con's

- Higher initial install cost
- Limited spray jet options based on fountain area.
- User group may be limited to children as adults are less likely to use a feature like this.
- Requires DHEC permitting
- Requires pool code fencing & gating
- Requires equipment and surge tanks to operate which must be located near the fountain area which can be large and bulky.
- Emergency shut off signage required.
- More surface drainage is required to move water as the fountain runs.
- Much higher water consumption.
+/- 1,000,000 gallons annually (8 jets).



BPP Pavilion Options



Option B - Chelsea Design

24' x 34'

\$150,000



Option A - Marquee Design

24' x 34'

\$130,000 Each



BWPP Shade System Options



Option A – Hypar Design
Offset Single Post 20' x 20'
\$35,000 Each

To be Located at Three
Perimeter Walkway Seating Areas

Option B – Cantilever Design
Arc 25' x 30'
\$48,000 Each





QUESTIONS & DISCUSSION

New Riverside Barn Park Background (NRBP)



- Conceptual Master Plan approved by Town Council in October 2020.
- Phase 1 contract executed in November 2021 with JS Construction to construct the initial infrastructure (Roads, parking, drainage, utilities, pathways, etc.). Phase 1 was substantially complete in 2023.
- Phase 2 contract executed with Nix Construction in October 2023 to construct the barn, playground, restrooms, fencing, landscaping, lighting, etc.
- Playground, restrooms, parking and pathways to be complete and open to the public by the end of 2024.
- Barn to be complete and open to the public by the end of 2025.

NRBP Conceptual Master Plan

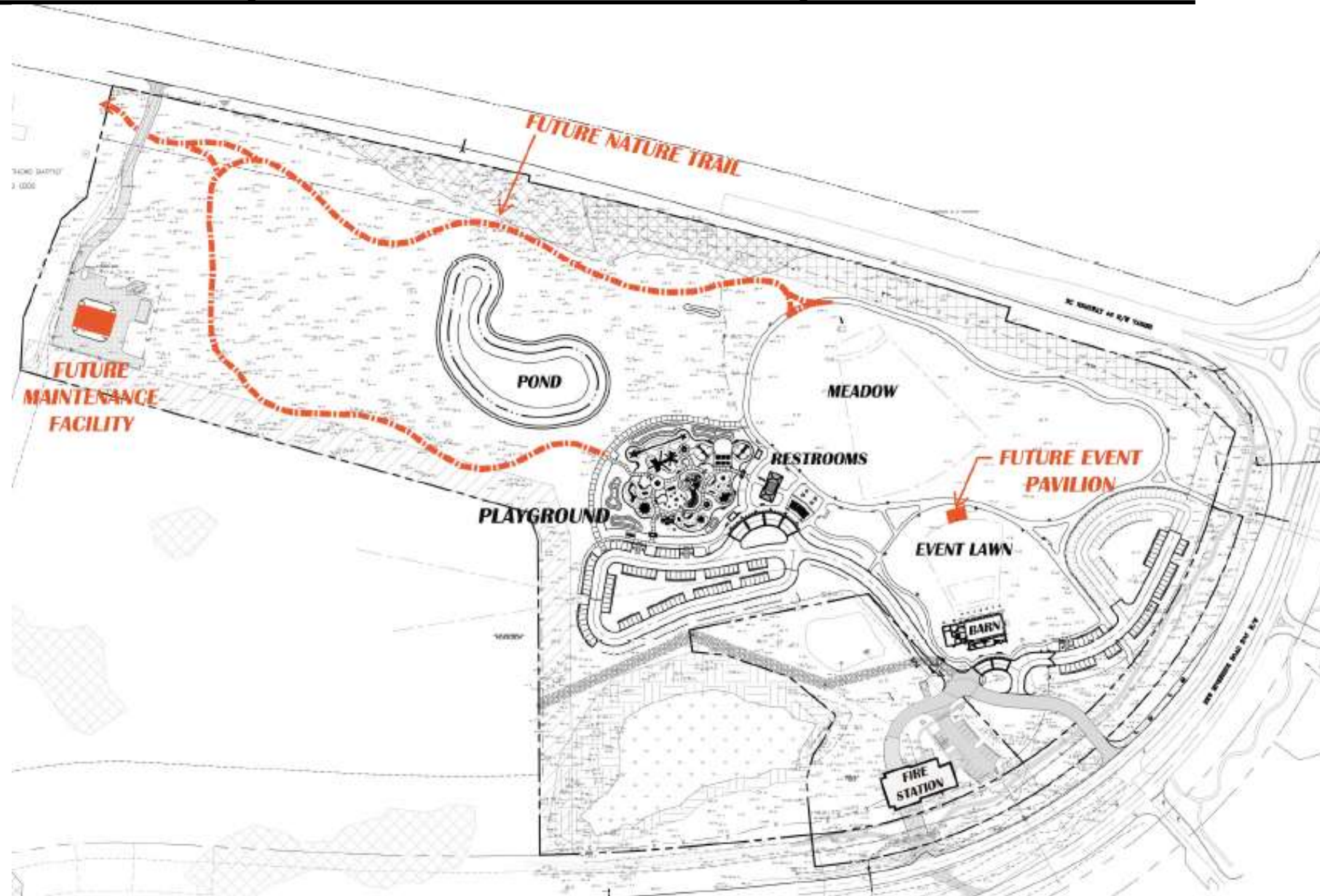


A	Realigned Entrance with New Curb Cut
B	Existing Trail Connection
C	Proposed Trail Connection to Nearby Neighborhoods
D	Park Gate
E	Drop Off Zone
F	Renovated Barn <ul style="list-style-type: none"> -New porch and terrace on north facade for events/gatherings dual use as event stage -Formalized garden entrance on west facade -Outdoor gathering area on east facade -Restrooms, warming kitchen and storage added to south facade -Low impact service area for deliveries
G	Low Impact Parking <ul style="list-style-type: none"> -Significant trees dictate parking stalls (+/- 65 spaces)
H	Low Impact Parking <ul style="list-style-type: none"> -Significant trees dictate parking stalls (+/- 80 spaces)
I	Event Lawn
J	Wood Trellis for Events and Gatherings
K	Park and Community Maps
L	2-5yr Play Area <ul style="list-style-type: none"> -Iconic play structures -Small shade structure
M	5-12yr Play Area <ul style="list-style-type: none"> -Iconic play structures -Barn and farm theme -Small shade structure
N	Food Trucks <ul style="list-style-type: none"> -Covered seating area

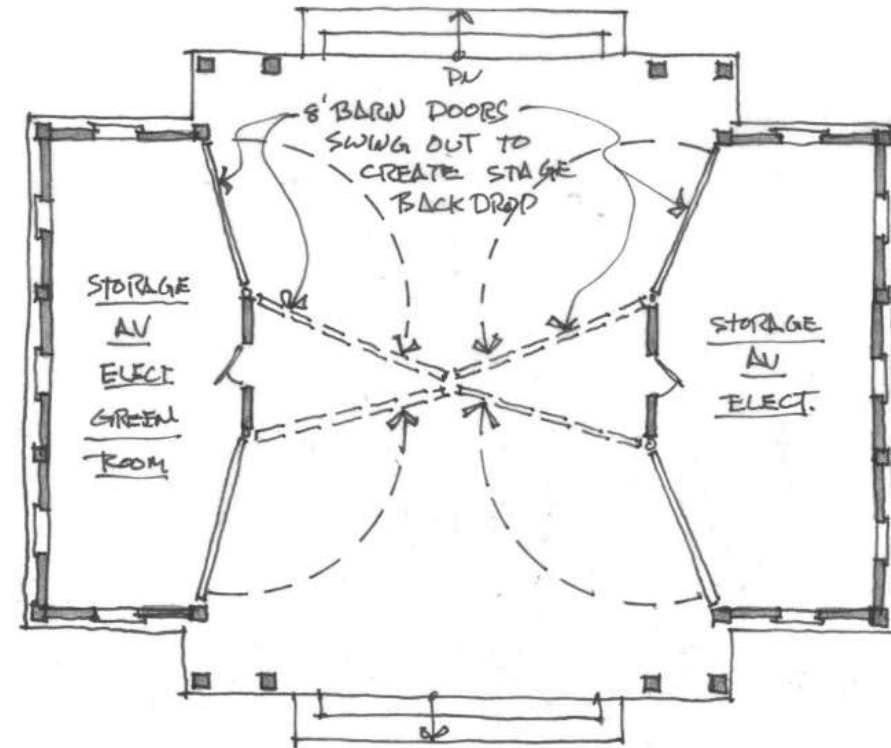


M	5-12yr Play Area <ul style="list-style-type: none"> -Iconic play structures -Barn and farm theme -Small shade structure
N	Food Trucks <ul style="list-style-type: none"> -Covered seating area
O	Festival Lawn with Removable Event Pavilion
P	Potential Overflow/Event Parking (+/- 40 spaces)
Q	Continuous Park Loop (+/- 0.5 miles)
R	Lowland Boardwalk <ul style="list-style-type: none"> -Wetland-like experience -Potential for interpretation and experiential learning
S	Flexible Space <ul style="list-style-type: none"> -Potential event parking (+/- 75 spaces)
T	Natural Area <ul style="list-style-type: none"> -Land bank for possible future uses
U	Significant Trees to Remain
V	Relocated Internal Buffer
W	Wetland
X	Proposed Firehouse by Others
Y	Potential Trail Connection and Wetland Overlook
Z	Existing Fence
AA	Restroom Pavilion

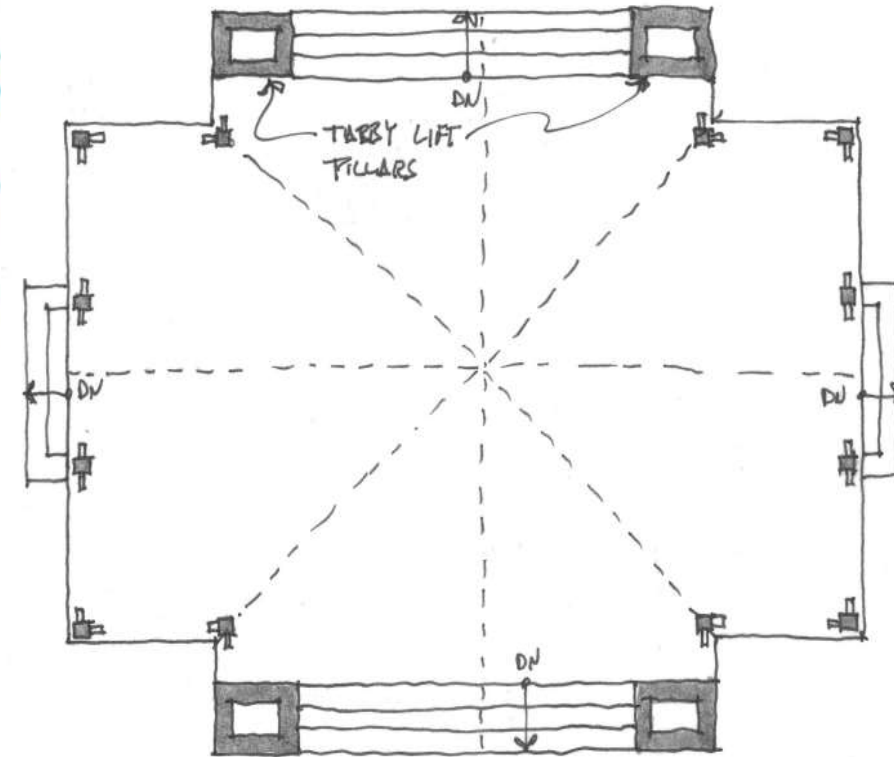
NRBP Proposed Future Improvements



NRBP Pavilion – Option 1



NRBP Pavilion – Option 2





QUESTIONS & DISCUSSION