

Desmare Playground



Desmare Playground

The residents of the Faubourg St. John are always thinking of the neighborhood's open spaces. From the Bayou, to the bridges, to the beautiful small parks, the residents proudly take a proactive response to ownership and maintenance of these spaces. The neighborhood residents want to be responsive to the needs of the growing population of young families by providing them with more opportunities that will serve the newest generation of neighborhood children.

Henry Desmare Playground, located within the 3400 block of Esplanade Avenue, is a playground in a beautiful location between an alley of Live Oaks along Esplanade Avenue and the Bayou St. John. The goal of the Faubourg St. John Neighborhood Association (FSJNA) is to revamp the currently worn down playground space to make it more welcoming for children. In 2013, the FSJNA teamed up with the local the landscape architecture firm, Dana Brown & Associates, to create a Master Plan for Desmare Playground.

Neighborhood residents expressed interest in updating the Playground by adding the following elements:

- New swing set
- New playground equipment
- Re-purposing the basketball court to be more kid friendly
- Adding exercise equipment
- Making space for kid centered neighborhood events, such as movie nights and baby play groups

FSJNA and DBA held a design charette where neighborhood residents, both adults and children, were invited to come and express what they would like to see in the Playground's Master Plan. The event was a success with a number of families showing up and showcasing their creativity. The kids painted on boxes and drew what features they would like to see in the Playground on the basketball court in chalk. The ideas ranged from jungle gyms to duck ponds, with an overwhelming response to the idea of a new swing set.

DBA developed a Master Plan to include the following elements based on the input at the charrette: provide the maximum amount of play space, increase the canopy for shade, improve circulation, separate age groups and their play equipment, provide more seating for parents, and make all amenities in the Playground ADA accessible. DBA proposed to solve the Playground's standing water issue by regrading the site and installing a rain garden. DBA also separated the Master Plan into phases so that sections of the plan can be implemented as FSJNA raises funds.

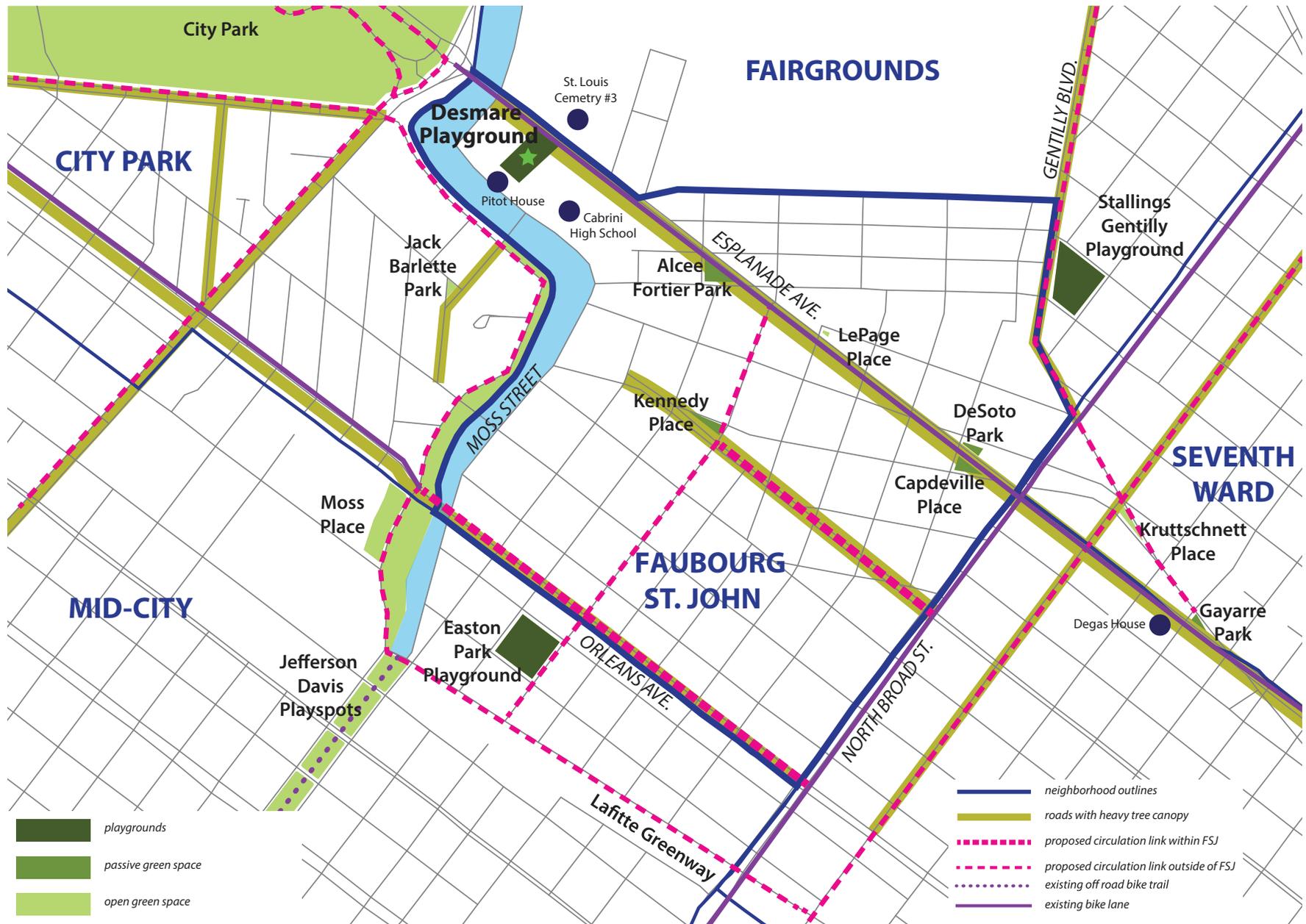
Fund raising is ongoing. To date the FSJNA has raised more than \$34,000 and paid for the Master Plan design work completed by DBA. FSJNA now has the funds for the first phase of work, thanks to NORDC covering the cost for the swing set safety surface.

Desmare Playground



Existing entry gate

Desmare Playground: Neighborhood Analysis



Desmare Playground: Existing Conditions



Existing central play area



Existing seating

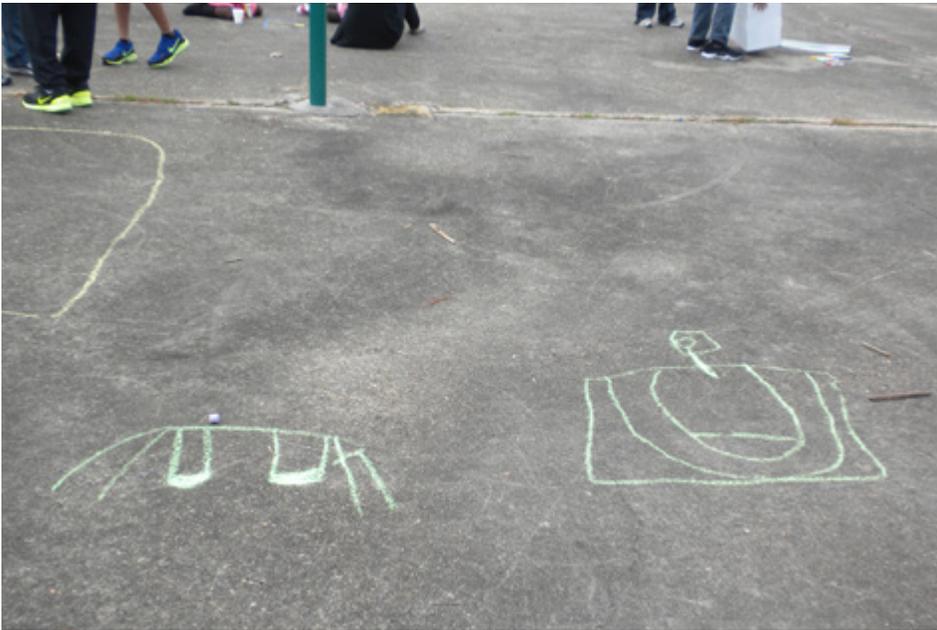


Existing entry into the playground

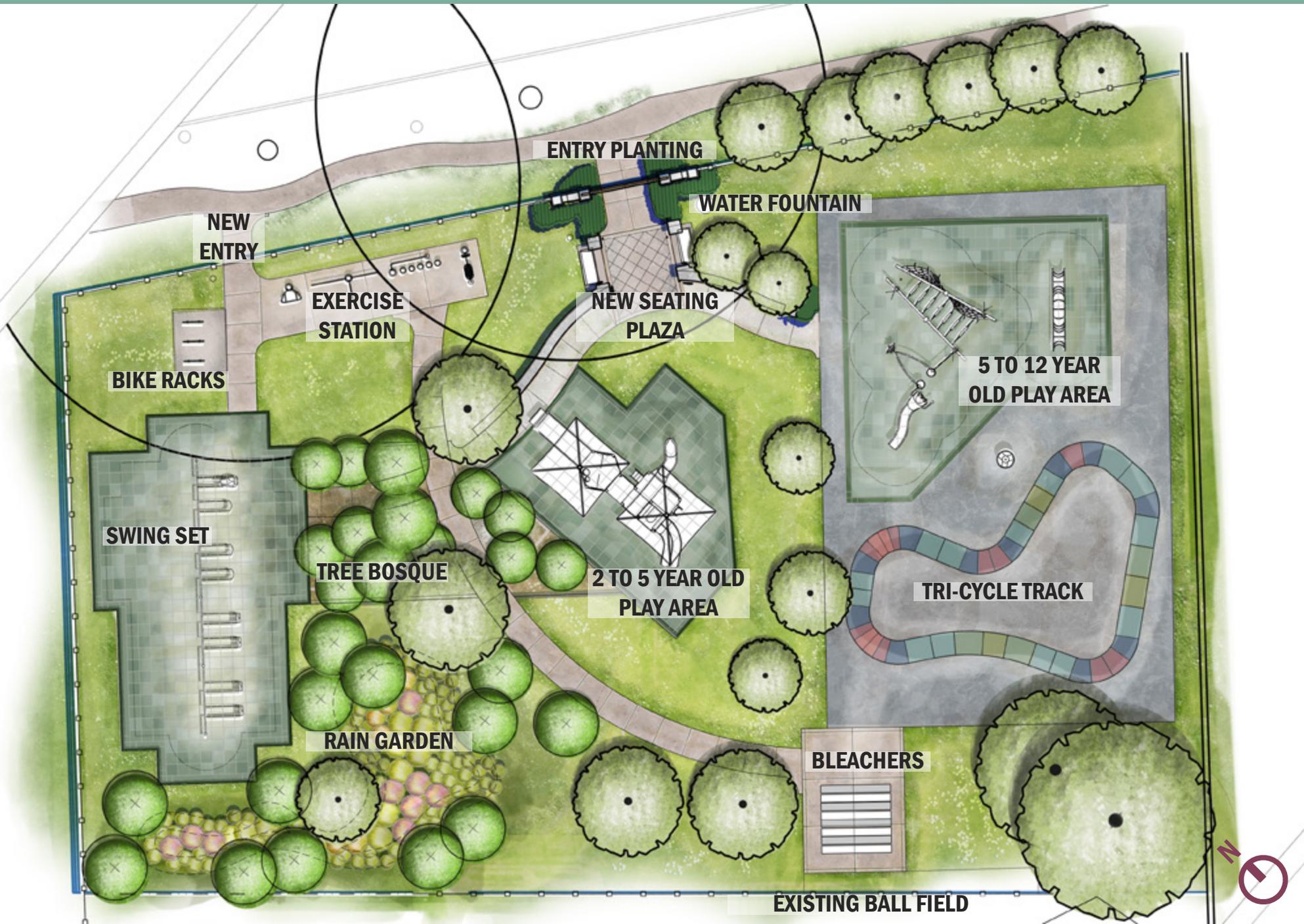


Existing court with play equipment

Desmare Playground: Design Charette



Desmare Playground: Master Plan



Desmare Playground: Master Plan



Desmare Playground: Master Plan



Desmare Playground: Play Equipment

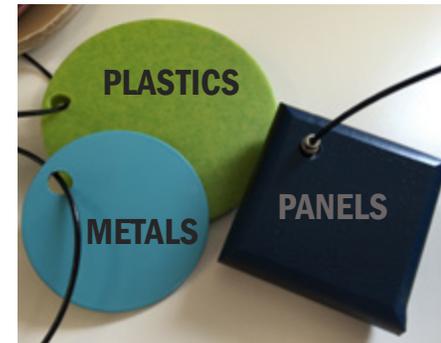
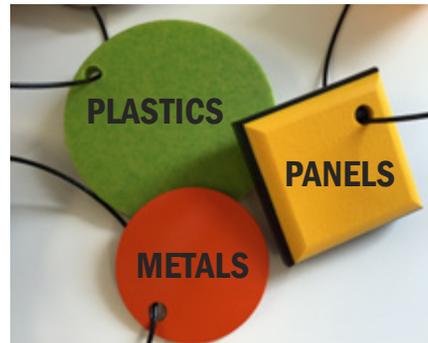


2 to 5 year old play area



5 to 12 year old play area

COLOR OPTIONS:



2 to 5 year old play area

Desmare Playground: Phases



Desmare Playground: Phase 1

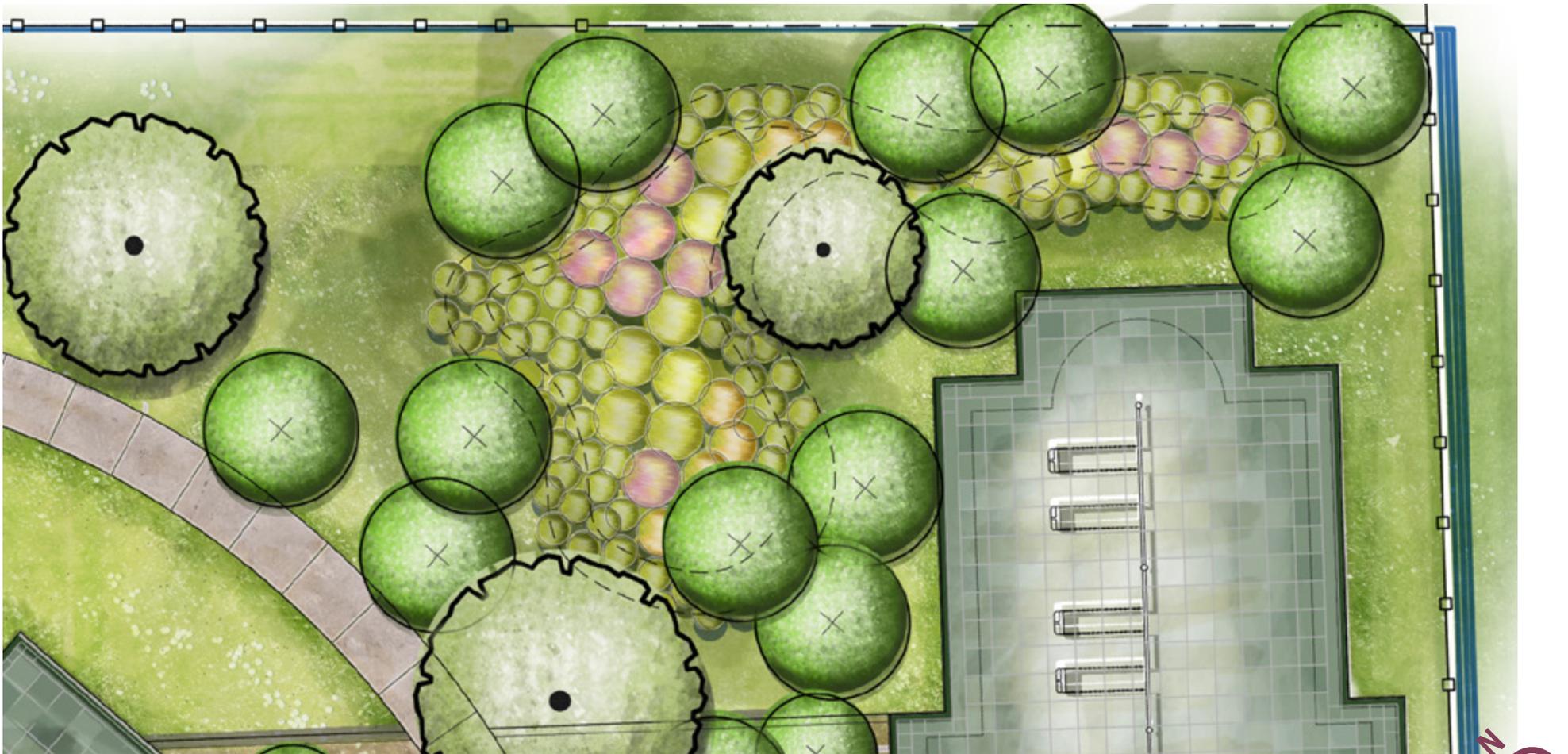


Desmare Playground: Phase 1 OPC

| Concrete Walks | QTY. | UNIT | COST | TOTAL | NOTES |
|--|-------|------|-----------|----------|---|
| New Entry Walk; 4" thick | 175 | SF | \$ 4 | \$ 700 | |
| Bike Rack base; 4" thick | 100 | SF | \$ 4 | \$ 400 | |
| | | | \$ | 1,100 | |
| Rain Garden | QTY. | UNIT | COST | TOTAL | |
| Grading and Excavation | 107 | CY | \$ 30 | \$ 3,200 | |
| Bioswale Soil | 100 | CY | \$ 20 | \$ 2,000 | |
| Plants; 1 gal at 18" O.C. | 125 | EA | \$ 15 | \$ 1,875 | Copper Iris, White Muhly, Yellow Canas |
| | | | \$ | 7,075 | |
| Fence Improvements | QTY. | UNIT | COST | TOTAL | |
| Entry Gate; 5' chain link with latch | 1 | EA | \$ 600 | \$ 600 | |
| Fig Vine; 4" cont. at 36" O.C. | 30 | EA | \$ 15 | \$ 450 | |
| | | | \$ | 1,050 | |
| Site Furniture | QTY. | UNIT | COST | TOTAL | |
| Phase 1 Progress Signage | 1 | LS | \$ 600 | \$ 600 | local artist award design and install |
| Bike Racks; Landscape Forms Loop | 3 | EA | \$ 450 | \$ 1,350 | |
| Trash Can; Landscape Forms Scarborough | 1 | EA | \$ 1,300 | \$ 1,300 | |
| | | | \$ | 2,650 | |
| Equipment | QTY. | UNIT | COST | TOTAL | |
| Swings | 1 | EA | \$ 8,079 | \$ 8,079 | includes delivery and install |
| Swings concrete pad; 4" thick | 1,925 | SF | \$ 4 | \$ 7,700 | |
| Swing Safety Surface | 1 | LS | \$ 25,145 | \$ - | includes delivery and install; tax free for NORDC |
| | | | | 15,779 | |
| Landscape Improvements | QTY. | UNIT | COST | TOTAL | |
| Bosque: Bald Cypress, 30 gal. | 13 | EA | \$ 200 | \$ 2,600 | install and guaranteed for 1 year |
| Bosque: Pervious Concrete Path | 105 | SF | \$ 7 | \$ 735 | |
| Bosque: Concrete Curb | 90 | LF | \$ 20 | \$ 1,800 | |
| Bosque: Ground Material, pine mulch | 86 | SY | \$ 5 | \$ 431 | |
| Trees; 30 gal. | 13 | EA | \$ 200 | \$ 2,600 | Swamp Red Maple, Pond Cypress, Green Ash |
| Hydroseeding | 4,625 | SF | \$ 0.30 | \$ 1,388 | |
| Volunteer Planting: materials and supplies | 1 | LS | \$ 1,000 | \$ 1,000 | |
| | | | | 10,553 | |

| | | |
|------------------|-----|------------------|
| SUB-TOTAL | | \$ 38,207 |
| CONTINGENCY | 10% | \$ 3,821 |
| CONTRACTOR | 15% | \$ 6,304 |
| DESIGNER FEE | 12% | \$ 5,800 |
| PRELIMINARY WORK | | \$ 2,500 |
| TOTAL | | \$ 56,632 |

Desmare Playground: Sustainable Water Management



12 Hour Storm Calculations

| DESMARE PLAYGROUND | | |
|--------------------|----------------------|---------------------------|
| | Proposed Runoff (cf) | Proposed Runoff (Acre/ft) |
| 1 Year Storm | 1,258 | 0.03 |
| 2 Year Storm | 1,794 | 0.04 |
| 10 Year Storm | 2,883 | 0.07 |

| Rain Garden Size | Above Ground Capacity | | Below Ground Capacity | |
|------------------|-----------------------|---------------------|-----------------------|---------------|
| | Sq. Ft. | Average Depth (ft.) | Soil Depth (ft.) | Capacity (cf) |
| 960 | 0.5 | 480 | 1 | 288 |

| Captured |
|------------|
| % Captured |
| 61% |
| 43% |
| 27% |

Desmare Playground: Plant Material



Canna flaccida - Yellow Canna



Taxodium ascendens - Pond Cypress



Iris fulva - Copper Iris



Fraxinus pennsylvanica - Green Ash



Muhlenbergia capillaris - White Muhly Grass



Acer rubrum var. *drummondii* - Swamp Red Maple



Desmare Playground: Fund Raising Signage & Site Furniture



Location for Master Planning signage



Signage acknowledging the initial fund givers



Site Furniture: stainless steel furniture from Landscape Forms