

# TURKEY THICKET PARK

Design Concept



# TURKEY THICKET PARK

Perspective



- 1 AquaFlex® Splash Pad
- 2 5-12 Area: Travel Theme + Ropes Challenge
- 3 2-5 Area: Big City Theme
- 4 Swings with Accessible Bay

## Turkey Thicket

Equipment Budget-not to exceed 350k

Transportation theme focused on showing various methods of transportation between the country and the big city. Land forms will play a role in the overall flow and aesthetic of the playground, including a large culvert through which a customized train play structure will travel. Custom GFRC climbing elements and barriers will serve as connection points to the custom mountain tunnel through which the train will travel. An embankment on the perimeter of the park will serve as a challenging ropes and sliding course for older users. An AquaFlex® splash pad will define a lake and shoreline to further the transportation theme. PebbleFlex® will create a themed surface showing a compass, railroad tracks and other transportation related elements.

### Reference specification files:

2012 color and Industry best  
 2012 Concrete Solutions Brochure  
 2012\_ConcreteSpecs  
 2012\_PlaysystemSpecs  
 16703000 - Roller slide  
 18384300 omni spin  
 18463000 - Roller table ADA and sensory  
 LSI Playground Capacity 2-21-02

### Note:

Projects shown are conceptual and should be considered reference only.

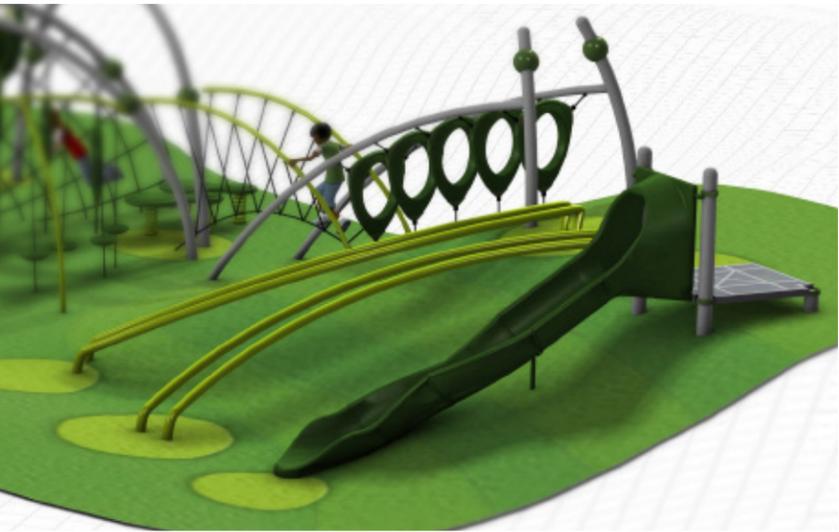
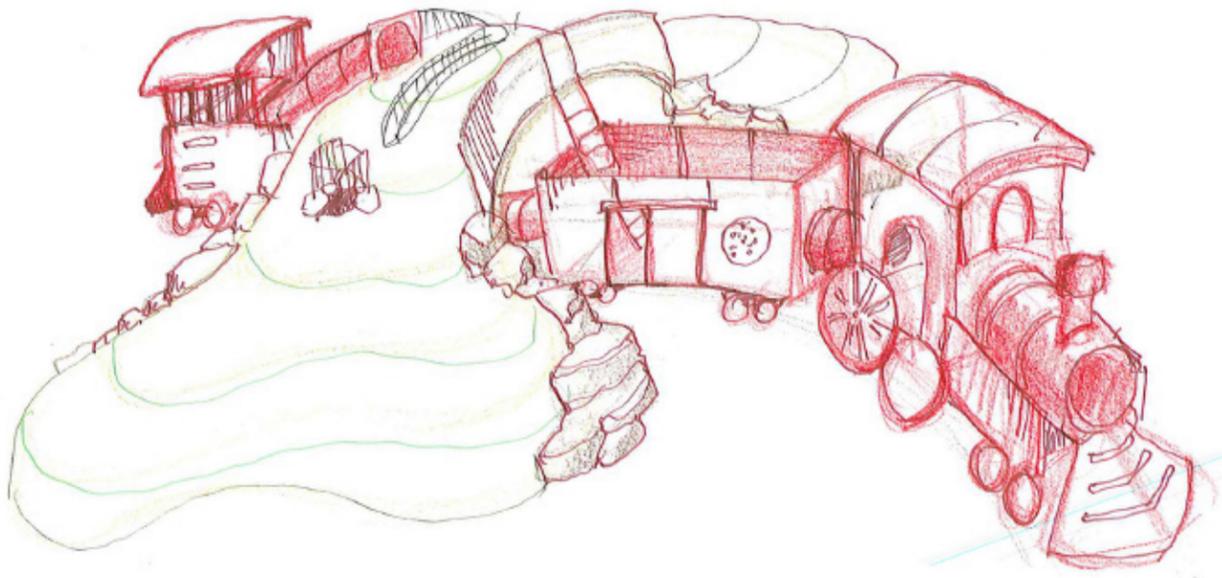


# Turkey Thicket

2-5 Area: Big City Theme



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# Turkey Thicket

5-12 Area: Travel Theme + Ropes Challenge



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# Turkey Thicket

Swings with Accessible Bay



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**Attachment A3**

**Ft. Greble**

**GOVERNMENT OF THE DISTRICT OF COLUMBIA  
DEPARTMENT OF GENERAL SERVICES**



**MODERNIZATION OF THE PLAYGROUND AT  
FORT GREBLE**

## **1. INTRODUCTION**

The Department of General Services (“Office” or “DGS”) will issue a design-build contract for the proposed scope of work.

Over the last few weeks, DGS and DPR vetted design options with the community for the site. The rendered site plan shown in the attached exhibit synthesizes the ideas and desires expressed by the community, and it is this design that DGS seeks to develop into a newly renovated playground.

## **2. LOCATION**

Fort Greble is located on MLK Jr. Ave between Elmira and Chesapeake Streets, SW, Washington DC. The baseball field and basketball courts are adjacent to the recreation center. See attached exhibit.

## **3. SCOPE OF WORK**

The Department of General Services (“Office” or “DGS”) plans to deliver this project through a design-build delivery method. A narrative for the scope of work is listed in the sections below. If deviations or conflicts arise from what is referenced in the program requirements/scope of work and field conditions, the Design-Builder shall submit a request for clarification.

Please find enclosed a concept design drawing (exhibit attached) for the playground. The Design-Builder should include an allowance of \$200,000 for play equipment only (exhibit attached), and include pricing for safety surfacing as shown on the attached plan or required by playground safety standards. DGS requires the Design-Builder to hire a Landscape Architect to further develop the concept design drawing for DGS’s approval. In addition, DGS requires the Design-Builder to retain services of a certified Arborist for the project. During the Construction Phase, the Design-Builder will implement the approved drawings, providing all labor, materials, supervision and other services as may be necessary to accomplish this task.

## **4. PROGRAM OF REQUIREMENTS FOR CURRENT AND INTENDED USE**

### **A. Current use**

The existing playground includes outdated play equipment that are posing a safety hazard to children using the facility, an asphalt driveway, a play court and two basketball courts.

### **B. Intended use**

Please note that the proposal is to dismantle and remove the existing play equipment, fencing, concrete pathways, curbs, underground foundations for play equipment, safety

surfaces and install new play equipment, fencing, re-grading/ drainage, landscaping and concrete sidewalks and re-surface asphalt for the courts. The scope of work includes the following items.

### C. Site work

- 1. Erosion and Sediment Control:** Furnish and install sediment and erosion control measures inclusive of but not limited to; silt fencing, construction entrances around the existing playground. Design-Builder shall be responsible for the maintenance of the measures during construction. The extent of disturbance includes the courts, playground, fencing between the playground and ball field, proposed gate connection with Leckie Elementary School near the ball field.
- 2. Tree protection:** Install construction fencing to protect all existing trees during construction. Carefully remove sections of asphalt surrounding trees located in the playground under a supervision of an Arborist. Air-spade/aerate and inject growth inhibitors into the root structure to prevent damage to new asphalt surfaces/play area. Place a layer of top-soil above the roots and mulch on top. Place a few boulders above the paved area around the tree. Save the tree trunk, logs and mulch to use in the play areas.
- 3. Asphalt driveway and parking:** Provide bituminous entry and driveway with parallel parking for 6 vehicles from the entrance cul-de-sac.
- 4.** Provide a stone-dust path from the playground to the ball field and Leckie Elementary School as shown in the rendered site plan.
- 5. Concrete entry walk, plaza and path connecting with NPS trail:** Provide paved walkway and entry plaza from the asphalt driveway/parking area to the recreation center and path leading to the NPS trail per the rendered site plan issued by the Landscape Architect.
- 6. Reinforced Turf:** Provide reinforce turf area for event parking adjacent to bituminous entry drive and a 20' wide emergency access path along the entry walk as depicted in the rendered site plan.
- 7. Asphalt re-surfacing, color coating and striping of courts:** Provide asphalt re-surfacing, color coating and striping for four half-size basketball courts, one full-size basketball court and a play court as shown in the rendered site plan. Paint asphalt surface for games such as 4 squares, compass rose, etc. Repair or replace fencing adjacent to the area and provide benches as required to accommodate seating at this location.

## D. Landscape Features

1. **Lunette earthwork:** Re-grade and install mounded earth, 12' high with 3:1 slope turf. Install cargo net and climbing ropes anchored to slope per rendered site plan developed by the Landscape Architect. Install boulders along mound for climbing and mound protection.
2. **Splash park:** Design and install water spouts and poured in place (PIP) patterned rubber surface in the center of the Lunette with associated piping, tie-ins with water source, underground drains and pumps. Grade and connect spray park with existing storm inlet such that the overflow drains to the inlet.
3. **Community garden:** Install concrete planting beds and deer-proof fencing around community garden surrounding the existing recreation center. Install planting beds, add mulch and plant 4 canopy trees with mixed species to the west of the garden per the concept site plan. At turnover, the planting beds must be filled approved planting soils. Attach rain barrels to the recreation center building to water the garden and provide new picnic tables in the area.
4. **Outdoor classroom and performance area:** Provide and install stone dust with edge for the outdoor classroom and performance area between the ball field and Leckie ES. Plant a privacy hedge along the East edge of the site between the outdoor classroom and Leckie ES. Plant three native trees with name tags and factoids surrounding the outdoor classroom.
5. **Ornamental Plantings:** Provide and install a grove of 11 ornamental flowering trees to the East of the Basketball courts and 9 mixed species trees to the South of the Basketball courts as depicted in the rendered site plan. Provide and install 9 canopy trees of single species along the stone-dust path leading from the playground to the ball field and Leckie ES. Provide and install 3 canopy trees with mixed species near the Northeast corner of the lunette mound. Install drip irrigation in the planting areas.

## E. Play Equipment and Safety Surface:

1. Dismantle and remove existing play equipment, foundations and benches.
2. Install the safety surface and play equipment specified by the manufacturer.
3. **Climbing wall:** Install climbing wall up to a height of 12' near the lookout point per the rendered site plan issued by the Landscape Architect.
4. Install a swing set with two buckets and 6 slings between the entry walk/plaza and the Lunette as depicted in the rendered site plan.

5. Install slides, cargo net, climbing ropes specified by the play equipment manufacturer and as shown in the rendered site plan issued by the Landscape Architect.
6. Provide a PIP patterned rubber surface within the Lunette per the rendered site plan. Safety surface/PIP rubber should be contiguous between the play equipment.
7. Install a 5 percent ADA ramp with PIP rubber surface along the Lunette to reach the look out/high point.

## F. Site Amenities

1. **Fencing and gates:** Provide and install 8' high, vinyl-coated chain-link fence and posts with lockable gates between
  - a) Reinforce turf, asphalt drive and playground
  - b) Outdoor classroom and Leckie ES
2. **Removable bollards:** Provide and install removable bollards at the main entrance to the playground from the asphalt drive. The bollards should be arranged to stop vehicles from driving throughout the site.
3. **Pavilion with green roof:** Provide a pavilion with green roof, picnic tables to the South of the recreation cent per the design precedents and rendered site plan issued by the Landscape Architect.
4. **Storage shed:** Provide and install a pre-fabricated storage shed on a concrete pad for the community garden.
5. **Park signage:** Install two (2) bulletin boards in the playground and one set of park hours and safety signs on the playground fence per the signage standards provided by DPR. Install trail signs along path from the playground to the NPS trail. Signs and bulletin boards to be installed in locations determined by DPR. Install three (3) interpretive signs to reflect the history of the site
6. **Park furniture:** Install game tables, grills, picnic tables, trash receptacles, seating for performance space and seating under the pavilion per the following DPR standards.
  - i. Install Ultrasite model 942SM-P6 in-ground mounted benches; black; OR equal;
  - ii. Install Ultrasite model 347-BRN6 rectangular tables; OR equal
  - iii. Install combo table/bench; Dumor model 62-861/92 series; OR equal;
  - iv. Install SD-35 Victor Stanley Ironsites Series 36 gallon side-opening litter receptacles,
  - v. Install black with black plastic liner; DS-24 Convex lid with self close door latch and rat plate; OR equal.

7. Install hose bibs throughout the community garden area.
8. Install ADA-compliant freeze proof drinking fountains in the playground per DPR standards.

### **G. Athletic Field Lighting:**

1. Install athletic light fixtures on a pole near the Basketball courts to illuminate dark spots. Check and replace any damaged athletic light fixtures at the ball field. The light fixtures are to be integrated with the new, Musco lighting control system installed per the Design-Build Agreement.
2. Provide LED security lighting throughout the park.

### **H. Description Of Work**

The Design-Builder shall provide all necessary services, labor, equipment and materials as required to achieve the work as described in this document.

#### **1. Collection, Assessment and Verification of Existing Conditions**

Design-Builder shall be responsible for the collection, assessment, and verification of existing conditions.

#### **2. Archeological Documentation**

Design-Builder shall conduct a Phase I archeological survey of the site in accordance with District of Columbia State Historic Preservation Officer's (DC SHPO) standards and guidelines for archaeological survey current at the time of the investigation the standards of DC Historic Preservation Office, and present all findings in a report to DGS within thirty (30) days of NTP. Design-Builder must contract DC SHPO for guidelines.

#### **3. Geotechnical Study**

Design-Builder shall conduct a geotechnical study to determine soil and subsurface engineering properties and suitability for the proposed design and to make appropriate recommendations to DGS. Design-Builder shall present all findings in a report to DGS within thirty (30) days of NTP.

#### **4. Site Surveys**

Design-Builder shall conduct a complete survey(s) of the site as required to successfully construct the park. At a minimum, the survey(s) shall include boundary, topographical, and utility data.

#### **5. Meetings**

Design-Builder, the Project Manager, DPR and community shall meet as necessary to review Design-Builder's work.

## **6. Permitting**

Design-Builder shall obtain all permits necessary to construct the playground, including trade permits.

## **7. Submittals**

Design-Builder shall submit to the Project Manager for review and approval all shop drawings, material data and samples provided by Design-Builder, vendors and/or manufacturers. The Project Manager shall review and approve or reject submittals within five (5) business days of receipt.

## **8. Construction Schedule**

Design-Builder shall submit to the Project Manager for review and approval a construction schedule within 15 business days of NTP.

## **9. Construction**

Design-Builder shall provide all labor, equipment and materials as required to construct the park, including:

- a. Layout and staking;
- b. Erosion and sediment control;
- c. Site clearing (e.g., demolition, clearing and grubbing as necessary, topsoil stripping and stockpiling as necessary);
- d. Earthwork (e.g., cut, fill, trenching, rough grading, finish grading);
- e. Utility installation, including electric, water, and storm-water management required by the District Department of the Environment;
- f. Paving and surfacing;
- g. Furnishings installations (e.g., benches, fences and gates, litter receptacles).

## **10. Walk-Through Inspection**

At the end of construction, Design-Builder shall perform a walk-through inspection in the presence of the Project Manager and prepare a report stating any deficiencies found during the walk through, and ensure that all the deficiencies are corrected by the Design-Builder prior to demobilization.

## **11. As-Built Drawings & Warranty Information**

Design-Builder shall prepare an "as-built" plan of the site including all the modifications performed during construction, within 30 days of completion. Design-Builder shall also submit warranty information on all design requirements within 30 days of completion.

## **I. Execution**

### **1. Coordination**

Coordination of the work is the responsibility of Design-Builder.

**2. Site Cleanliness**

During the contract and/or as directed by the Project Manager, as the installation is completed, Design-Builder shall ensure that the site is clear of all extraneous materials, rubbish, or debris.

**3. Site Security**

Design-Builder shall secure the project work area by a minimum 6.0' chain link fence. Design-Builder shall ensure site is locked during non-work hours.

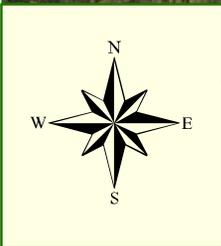
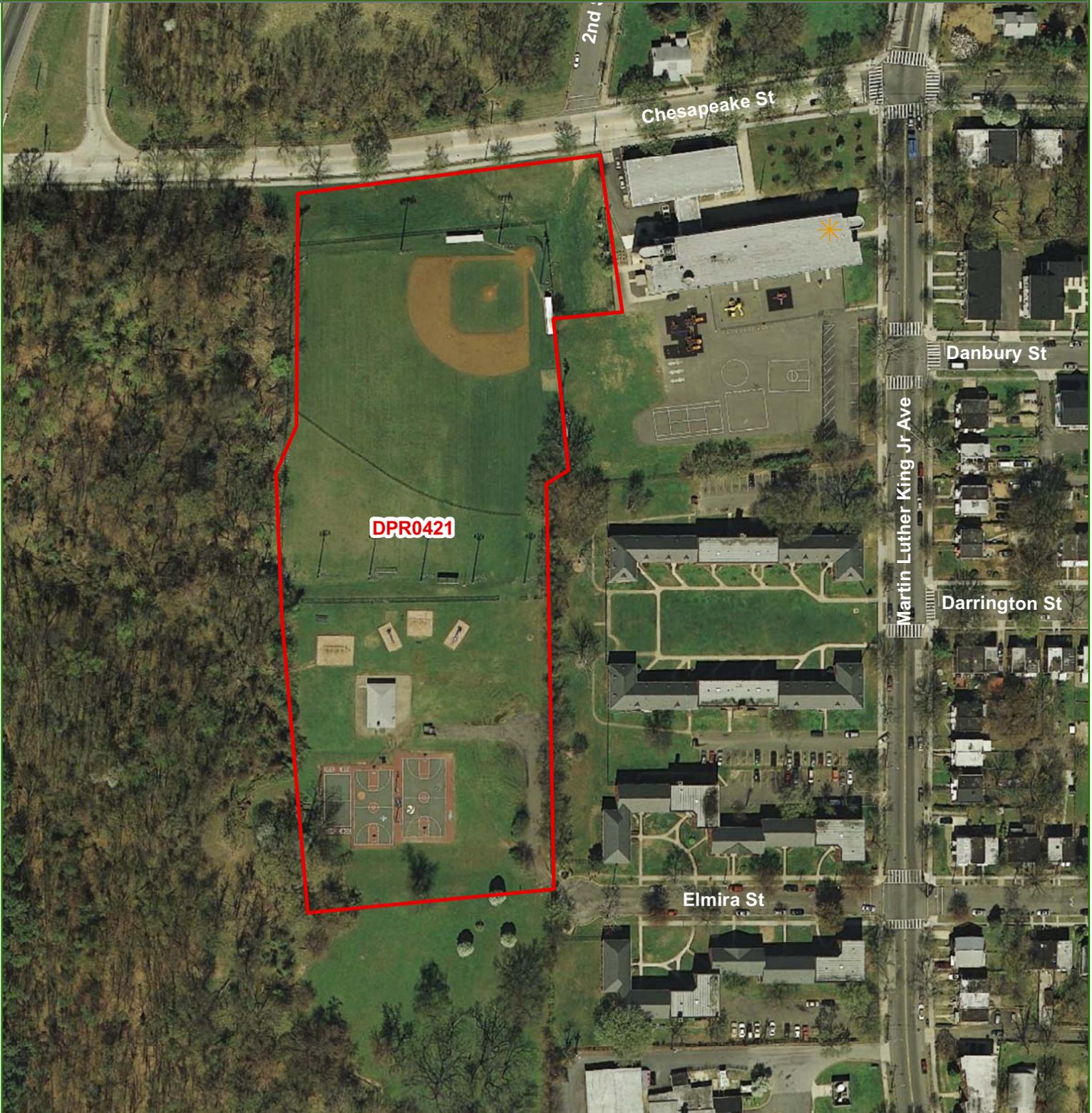
**J. Protection Of Existing Elements**

Design-Builder shall protect all existing features, public utilities, and other existing structures during construction. Design-Builder shall protect existing trees and shrubs from damage during construction. Protection extends to the root systems of existing vegetation. Design-Builder shall not store materials or equipment, or drive machinery, within drip line of existing trees and shrubs.

# Aerial Map

## Fort Greble Park

South Capitol and 2nd Sts., SE and SW

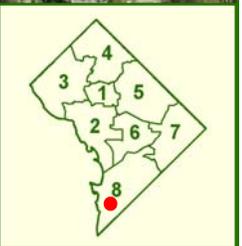


0 55 110 220 Feet

- Recreation Centers
- Public Schools
- DC Parks

Map: ORTHO\_Fort Greble  
 Date: Jan 26, 2011  
 Data Source: OCTO GIS DPR  
 Photo Imagery: 2010 Orthophoto  
 Coordinate System: NAD 1983 StatePlane MD  
 Prepared by: DC Dept of Parks and Recreation

Information on this map is for illustration only. The user acknowledges and agrees that the use of this information is at the sole risk of the user. No endorsement, liability, or responsibility for information or opinions expressed are assumed or accepted by any agency of the District of Columbia Government.

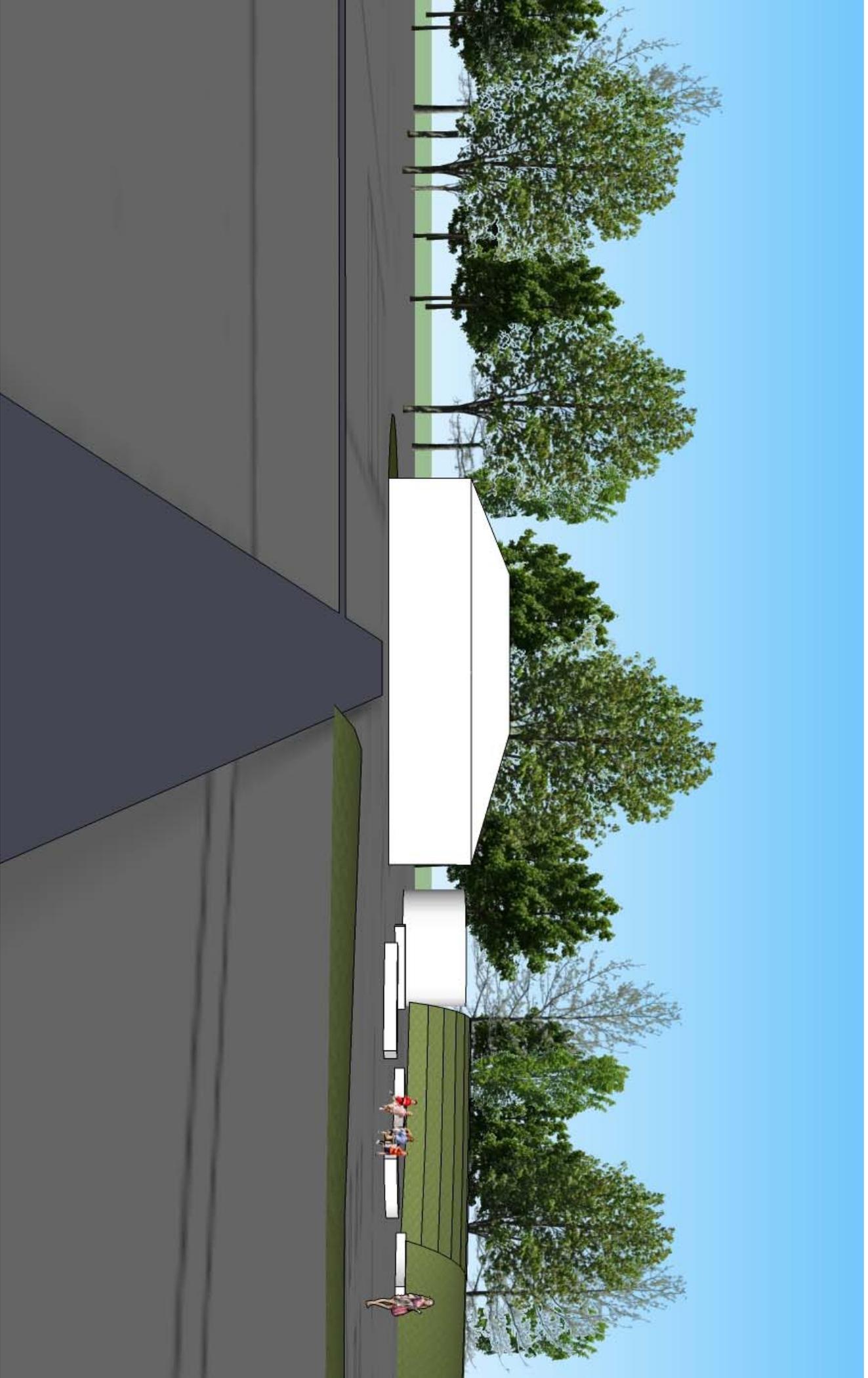


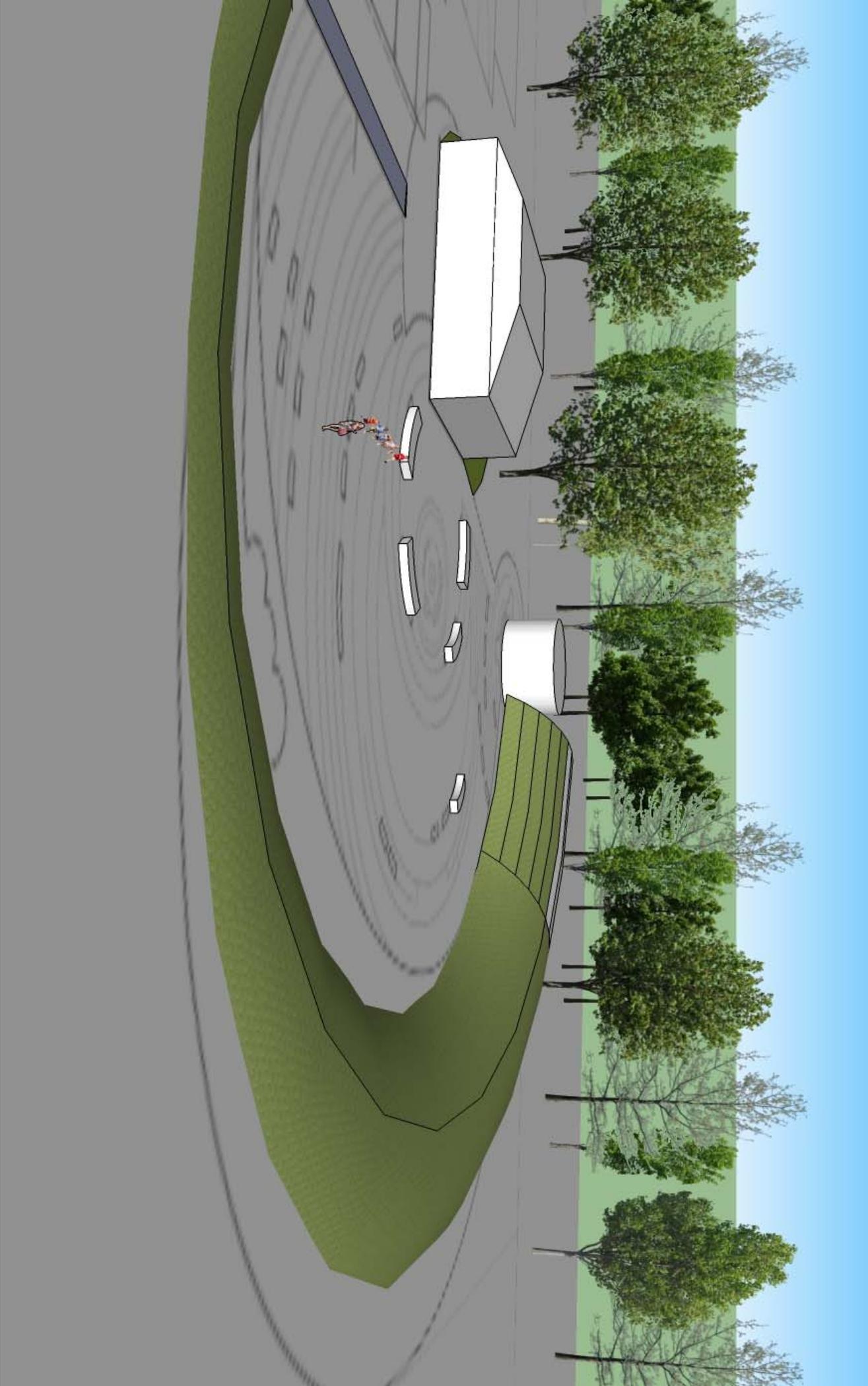
**THE WORKS AT  
FORT GREBLE**

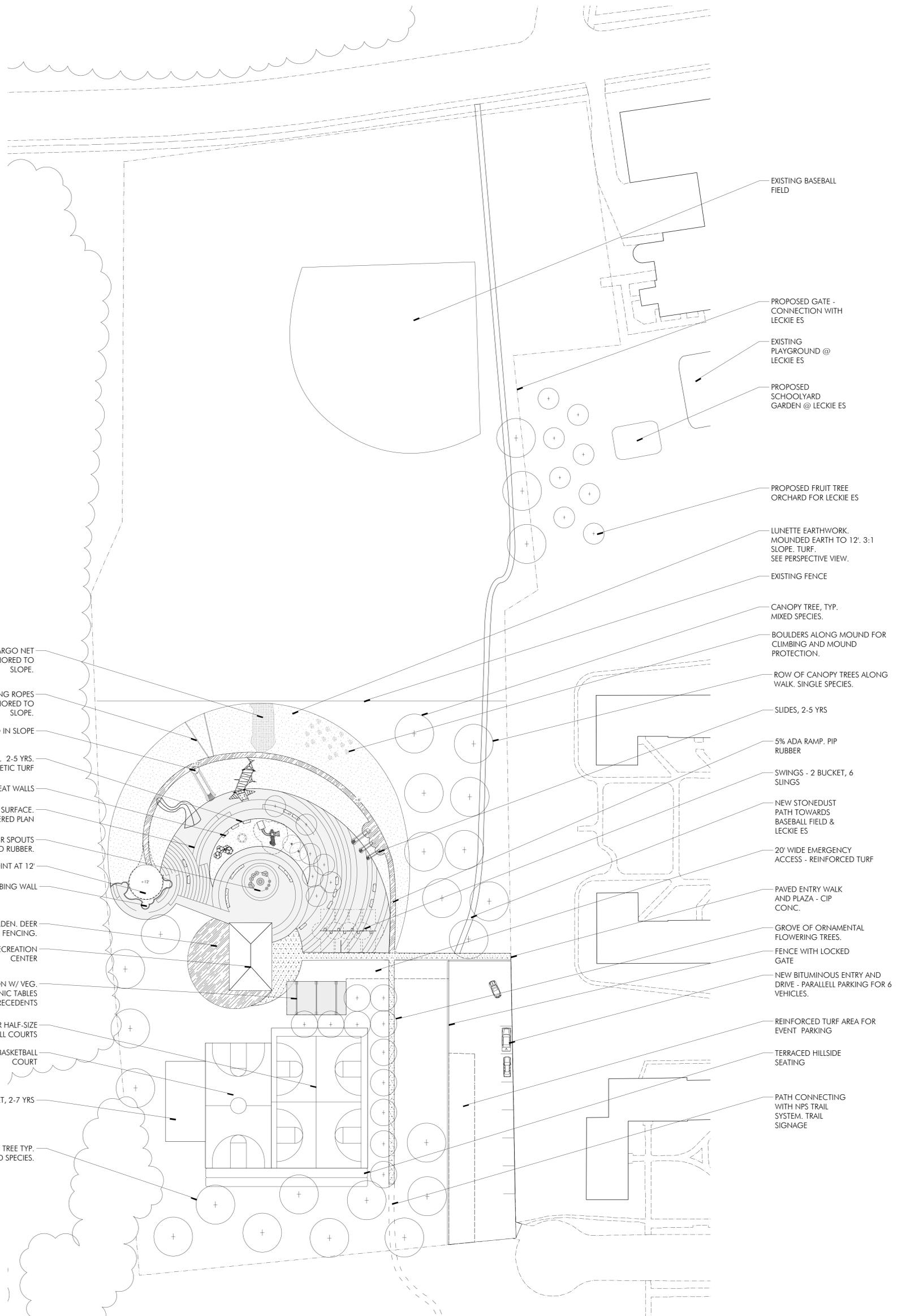
1"=40' N

FOR ILLUSTRATIVE PURPOSES ONLY









CARGO NET ANCHORED TO SLOPE.

CLIMBING ROPES ANCHORED TO SLOPE.

SLIDES EMBEDDED IN SLOPE

PLAY SPACE. 2-5 YRS. SYNTHETIC TURF

FREE STANDING SEAT WALLS

PIP PATTERNED RUBBER SURFACE. SEE RENDERED PLAN

SPLASH PARK. WATER SPOUTS AND PIP PATTERNED RUBBER.

LOOK OUT. HIGH POINT AT 12'

CLIMBING WALL

COMMUNITY GARDEN. DEER PROOF FENCING.

EXISTING RECREATION CENTER

PAVILLION W/ VEG. ROOF. PICNIC TABLES SEE PRECEDENTS

FOUR HALF-SIZE BASKETBALL COURTS

FULL SIZE BASKETBALL COURT

PLAYCOURT, 2-7 YRS

CANOPY TREE TYP. MIXED SPECIES.

EXISTING BASEBALL FIELD

PROPOSED GATE - CONNECTION WITH LECKIE ES

EXISTING PLAYGROUND @ LECKIE ES

PROPOSED SCHOOLYARD GARDEN @ LECKIE ES

PROPOSED FRUIT TREE ORCHARD FOR LECKIE ES

LUNETTE EARTHWORK. MOUNDED EARTH TO 12: 3:1 SLOPE. TURF. SEE PERSPECTIVE VIEW.

EXISTING FENCE

CANOPY TREE, TYP. MIXED SPECIES.

BOULDERS ALONG MOUND FOR CLIMBING AND MOUND PROTECTION.

ROW OF CANOPY TREES ALONG WALK. SINGLE SPECIES.

SLIDES, 2-5 YRS

5% ADA RAMP. PIP RUBBER

SWINGS - 2 BUCKET, 6 SLINGS

NEW STONEDUST PATH TOWARDS BASEBALL FIELD & LECKIE ES

20' WIDE EMERGENCY ACCESS - REINFORCED TURF

PAVED ENTRY WALK AND PLAZA - CIP CONC.

GROVE OF ORNAMENTAL FLOWERING TREES.

FENCE WITH LOCKED GATE

NEW BITUMINOUS ENTRY AND DRIVE - PARALLEL PARKING FOR 6 VEHICLES.

REINFORCED TURF AREA FOR EVENT PARKING

TERRACED HILLSIDE SEATING

PATH CONNECTING WITH NPS TRAIL SYSTEM. TRAIL SIGNAGE

THE WORKS AT FORT GREBLE

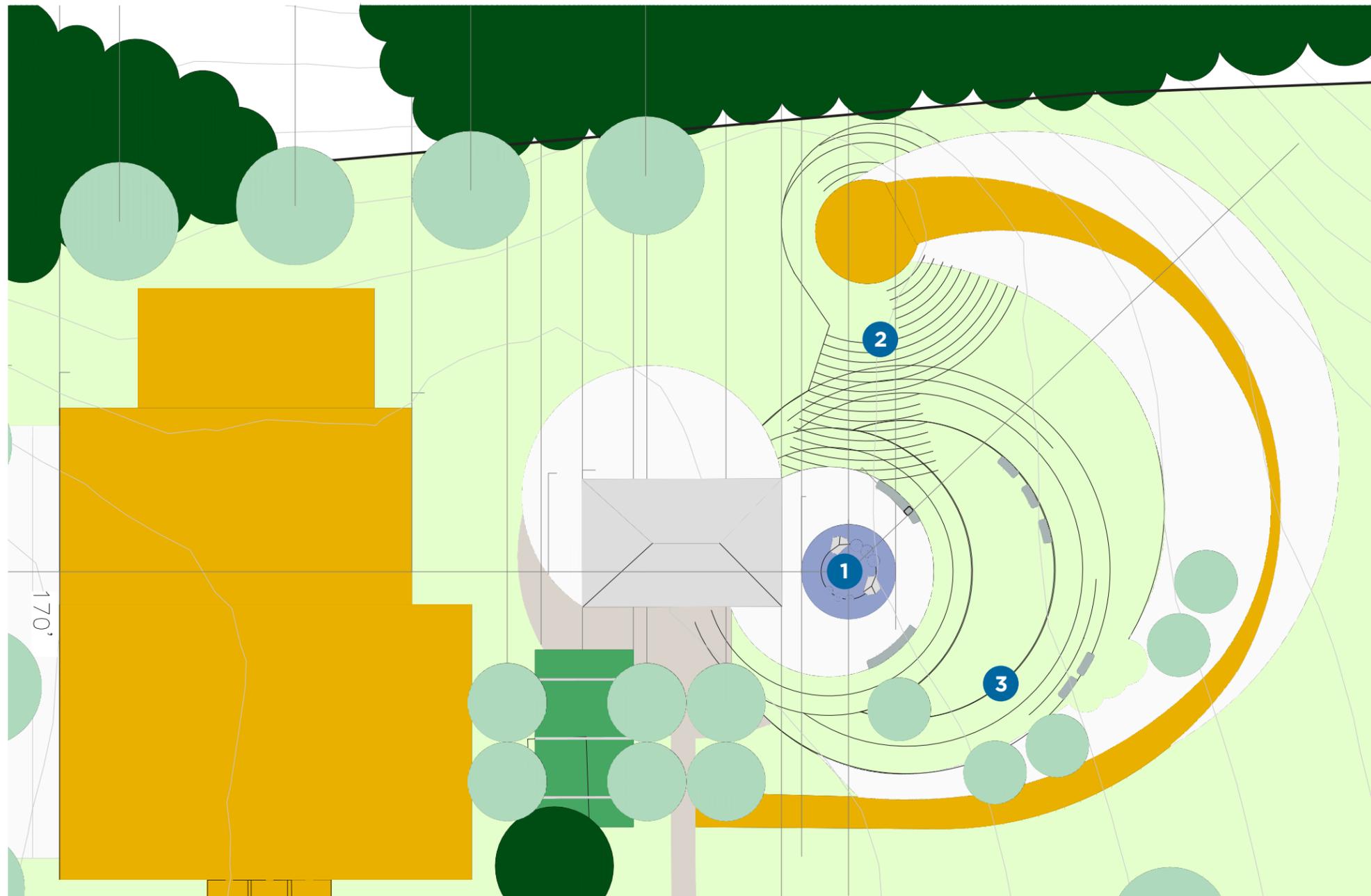
Fort Greble Recreation Center  
 Martin Luther King Jr. Ave. and Elmira St., SW  
 Washington, DC  
 20032

LANDSCAPE ARCHITECTURE BUREAU  
 714 7TH ST SE  
 WASHINGTON DC  
 20003

LAB

L101 CONCEPT PLAN  
 SCALE 1" = 30'-0"  
 DECEMBER 28 2012





## Fort Greble

Equipment Budget-not to exceed 200k

Historic Fort with contemporary finishes and terraced play. Height and grading will play a crucial role in providing strong vistas from within the playground. Working telescopes and signage will assist in history, discovery and wayfinding activities. Custom ropes, slides, and stepers will traverse over and around unique site grading plan designed to radiate out from a center splash pad. PebbleFlex® and/or play turf will cover the graded hill-sides where surfacing is needed. Site specific grading will be used to create ramped ADA access to elevated portions of the playground. Customized graphics and signage will tell the story of the site.

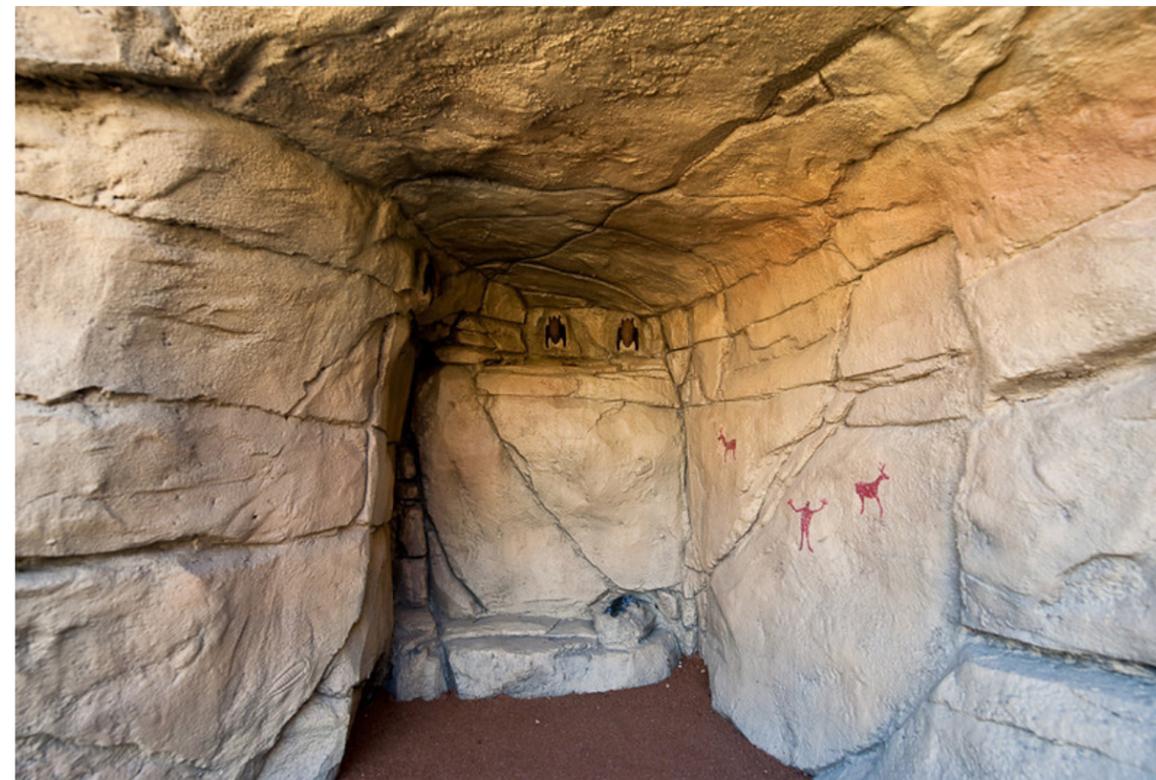
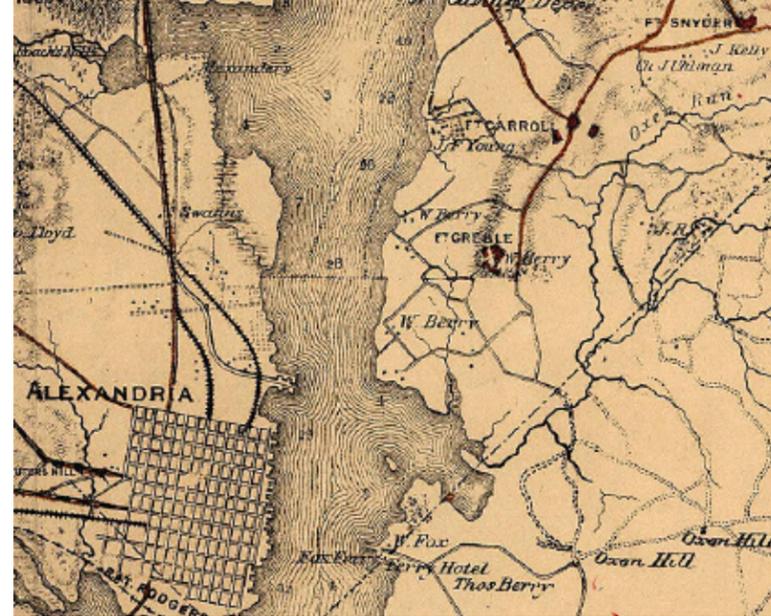
### Reference specification files:

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### Note:

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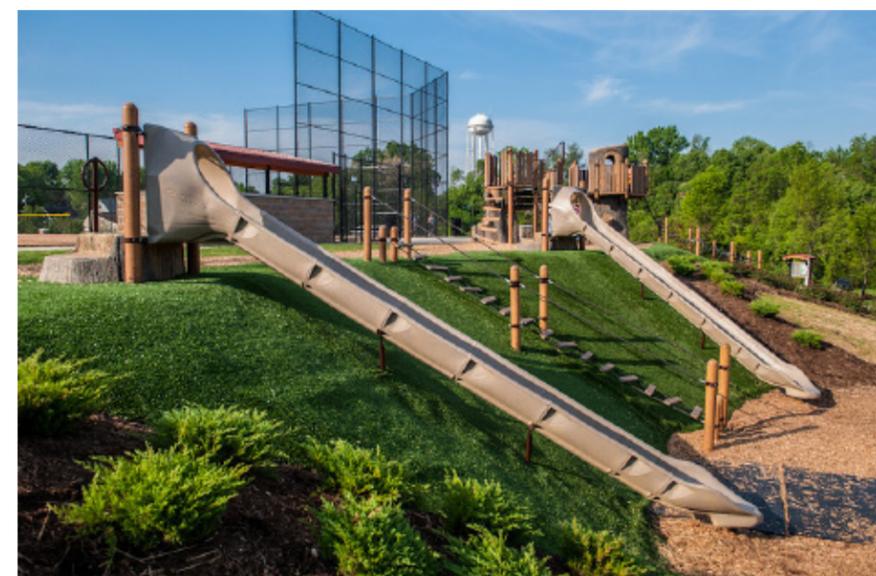
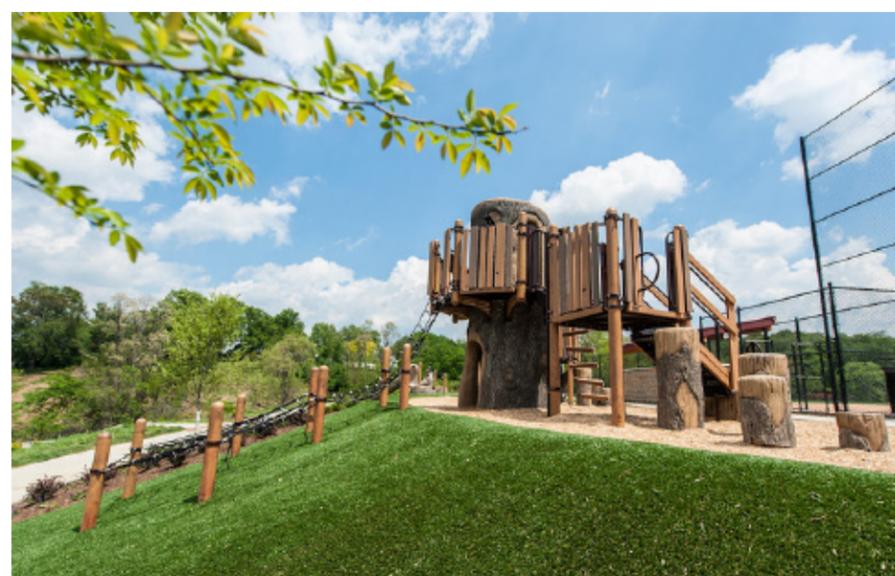
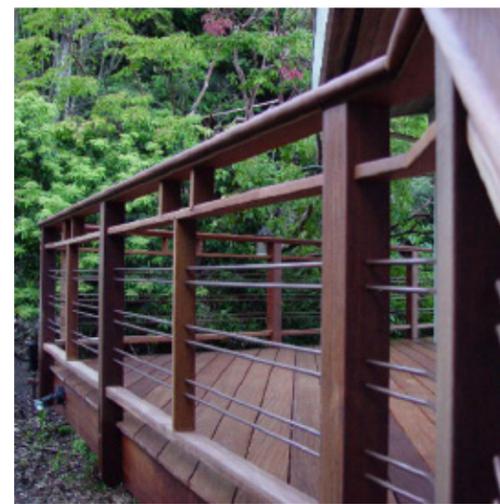
- 1 AquaFlex® Splash Pad
- 2 5-12 Area
- 3 2-5 Area



# Fort Greble 2-5 area



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# Fort Greble 5-12 area



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**Attachment A4**

**Palisades**

**GOVERNMENT OF THE DISTRICT OF COLUMBIA**  
**Department of General Services**



**MODERNIZATION OF THE PLAYGROUND AT  
PALISADES PLAYGROUND**

## **1. INTRODUCTION**

The Department of General Services (“Office” or “DGS”) will issue a design-build contract for the proposed scope of work.

Over the last few weeks, DGS and DPR vetted design options with the community for the site. The rendered site plan shown in the attached exhibit synthesizes the ideas and desires expressed by the community, and it is this design that DGS seeks to develop into a newly renovated playground.

## **2. LOCATION**

Palisades Playground is located on 5200 Sherrier PI, NW, Washington, DC. See attached exhibit.

## **3. SCOPE OF WORK**

The Department of General Services (“Office” or “DGS”) plans to deliver this project through a design-build delivery method. A narrative for the scope of work is listed in the sections below. If deviations or conflicts arise from what is referenced in the program requirements/scope of work and field conditions, the Design-Builder shall submit a request for clarification.

Please find enclosed a concept design drawing (exhibit attached) for the playground. The DB contractor should include an allowance of \$350,000.00 for play equipment only (exhibit attached), and include pricing for safety surfacing as shown on the attached plan or required by playground safety standards. Provide automatic locking gates. DPR would like to be able to program them to lock and unlock at specific times. Include this item as an “add alternate”.

DGS requires the Design-Builder to hire a Landscape Architect to further develop the concept design drawing for DGS’s approval. In addition, DGS requires the Design-Builder to retain services of a certified Arborist for the project. During the Construction Phase, the Design-Builder will implement the approved drawings, providing all labor, materials, supervision and other services as may be necessary to accomplish this task. Site will require a phase 1 and 2 archaeological studies and coordination with District's Historic Preservation office. Provide a geotech and site survey report for the project site. All amenities and access to all amenities must meet or exceed all ADA accessibility standards, specifically the entrances to the playground areas.

## **4. PROGRAM OF REQUIREMENTS FOR CURRENT AND INTENDED USE**

### **A. Current use**

The existing playground includes outdated play equipment that are posing a safety hazard to children using the facility.

## **B. Intended use**

The proposal is to dismantle and remove the existing play equipment, fencing, spray fountain, underground foundations for play equipment, safety surfaces and install new play equipment, fencing, re-grading/drainage, tie-in rain barrels into the building for watering the gardens, landscaping, skate spot, net for basketball court, shade structures and PIP safety surface. The scope of work includes:

## **C. Site work**

- 1. Erosion and Sediment Control:** Furnish and install sediment and erosion control measures inclusive of but not limited to; silt fencing, construction entrances around the existing playground. Contractor shall be responsible for the maintenance of the measures during construction. The extent of disturbance includes the enclosed playground area, the building porch area, and the skate spot location.
- 2. Tree protection:** Install construction fencing to protect all existing trees during construction. Carefully remove sections of asphalt surrounding trees located in the playground under a supervision of an Arborist. Air-spade/aerate and inject growth inhibitors into the root structure to prevent damage to new asphalt surfaces/play area. Place a layer of top-soil above the roots and mulch on top. Place a few boulders above the paved area around the tree. Save the tree trunk, logs and mulch to use in the play areas.
- 3. Skate Spot:** Install new skate spot located between the batting area and the walking path and the basketball court to the end of the batting cage area (per concept design). Skate spot equipment shall be comprised of 9,000 psi pre-cast concrete with 15 yr warranty. Contractor shall be responsible for determining slab thickness. The slab should be strong enough to provide an adequate foundation for the skate spot equipment.

## **D. Landscape Features**

- 1. Spray park:** Design and install water spouts and poured in place (PIP) patterned rubber surface in the center with associated piping, tie-ins with water source, underground drains and pumps. Grade and connect spray park with existing storm inlet such that the overflow drains to the inlet. Spray park should be modeled after Joe Cole at Wheatley ES.
- 2. Community garden:** Install concrete planting beds and deer-proof fencing around community garden surrounding the existing recreation center. Install new hose bib and 10'x10' elevated planting beds and garden tool shed lockable on

concrete slab. Provide planting soil mix per DPR standards for the community gardens. Tie-in rain barrels into the building for watering the garden.

3. **Trellis:** Provide wood trellis in three locations using Poligon Trellis or equal to fit design and theme.

#### **E. Play Equipment and Safety Surface:**

1. Dismantle and remove existing play equipment, foundations and benches.
2. Install the safety surface and play equipment specified by the manufacturer.
3. Climbing wall: Install climbing wall up to a height of 12' per the rendered site plan issued by the Landscape Architect.
4. Provide new (4 swings) swing set with one (1) ADA buckets in the playground area.
5. Install play equipment per manufacturer and as shown in the rendered site plan issued by the Landscape Architect.
6. Provide a PIP patterned rubber surface (Pebbleflex) with Native American theme per the rendered site plan. Safety surface/PIP rubber should be contiguous between the play equipment. Provide pattern per concept design with river surfacing emptying into slash pad.
7. Install a 5 percent ADA ramp with PIP rubber surface along the entrance closest to the recreation center.

#### **F. Site Amenities**

1. Fencing and gates: Provide and install 8' high, vinyl-coated chain-link fence around new community garden area and provide new ornamental fencing around playground area per DPR standards. Provide "Palisades" per concept drawings in three locations in playground area.
2. Provide a custom Native American themed shade structure, picnic tables to the South of the recreation center per the design precedents and rendered site plan issued by the Landscape Architect.
3. Install new benches Native American theme and other site amenities per DPR standards.
4. Install trash receptacles & recycling cans in the playground per DPR standards.
5. Install freeze proof drinking fountains in the playground per DPR standards.

6. Provide new outdoor fitness equipment per concept design.
7. Park signage: Install two (2) bulletin boards in the playground and one set of park hours and safety signs on the playground fence per DPR signage standards. Signs and bulletin boards to be installed in locations determined by DGS. Add no smoking and no heels on playground signs to park signage areas.
8. Provide seat walls in two locations per concept design.
9. Provide awning shade structure to building's back porch area.
10. **Park furniture:** Install game tables, grills, picnic tables, trash receptacles, seating for performance space and seating under the pavilion per the following DPR standards.
  - i. Install Ultrasite model 942SM-P6 in-ground mounted benches; black; OR equal;
  - ii. Install Ultrasite model 347-BRN6 rectangular tables; OR equal
  - iii. Install combo table/bench; Dumor model 62-861/92 series; OR equal;
  - iv. Install SD-35 Victor Stanley Ironsites Series 36 gallon side-opening litter receptacles,
  - v. Install black with black plastic liner; DS-24 Convex lid with self close door latch and rat plate; OR equal.

## **G. Description Of Work**

The Design-Builder shall provide all necessary services, labor, equipment and materials as required to achieve the work as described in this document.

### **1. Collection, Assessment and Verification of Existing Conditions**

Design-Builder shall be responsible for the collection, assessment, and verification of existing conditions.

### **2. Archeological Documentation**

Design-Builder shall conduct a Phase I archeological survey of the site in accordance with District of Columbia State Historic Preservation Officer's (DC SHPO) standards and guidelines for archaeological survey current at the time of the investigation the standards of DC Historic Preservation Office, and present all findings in a report to DGS within thirty (30) days of NTP. Design-Builder must contract DC SHPO for guidelines.

### **3. Geotechnical Study**

Design-Builder shall conduct a geotechnical study to determine soil and subsurface engineering properties and suitability for the proposed design and to make appropriate recommendations to DGS. Design-Builder shall present all findings in a report to DGS within thirty (30) days of NTP.

#### **4. Site Surveys**

Design-Builder shall conduct a complete survey(s) of the site as required to successfully construct the dog park. At a minimum, the survey(s) shall include boundary, topographical, and utility data.

#### **5. Meetings**

Design-Builder, the Project Manager, DPR and community shall meet as necessary to review Design-Builder's work.

#### **6. Permitting**

Design-Builder shall obtain all permits necessary to construct the playground, including trade permits.

#### **7. Submittals**

Design-Builder shall submit to the Project Manager for review and approval all shop drawings, material data and samples provided by Design-Builder, vendors and/or manufacturers. The Project Manager shall review and approve or reject submittals within five (5) business days of receipt.

#### **8. Construction Schedule**

Design-Builder shall submit to the Project Manager for review and approval a construction schedule within 15 business days of NTP.

#### **9. Construction**

Design-Builder shall provide all labor, equipment and materials as required to construct the park, including:

- a. Layout and staking;
- b. Erosion and sediment control;
- c. Site clearing (e.g., demolition, clearing and grubbing as necessary, topsoil stripping and stockpiling as necessary);
- d. Earthwork (e.g., cut, fill, trenching, rough grading, finish grading);
- e. Utility installation, including electric, water, and storm-water management required by the District Department of the Environment;
- f. Paving and surfacing;
- g. Furnishings installations (e.g., benches, fences and gates, litter receptacles).

#### **10. Walk-Through Inspection**

At the end of construction, Design-Builder shall perform a walk-through inspection in the presence of the Project Manager and prepare a report stating any deficiencies found during the walk through, and ensure that all the deficiencies are corrected by the Design-Builder prior to demobilization.

#### **11. As-Built Drawings & Warranty Information**

Design-Builder shall prepare an "as-built" plan of the site including all the modifications performed during construction, within 30 days of completion.

Design-Builder shall also submit warranty information on all design requirements within 30 days of completion.

## **H. Execution**

### **1. Coordination**

Coordination of the work is the responsibility of Design-Builder.

### **2. Site Cleanliness**

During the contract and/or as directed by the Project Manager, as the installation is completed, Design-Builder shall ensure that the site is clear of all extraneous materials, rubbish, or debris.

### **3. Site Security**

Design-Builder shall secure the project work area by a minimum 6.0' chain link fence. Design-Builder shall ensure site is locked during non-work hours.

## **I. Protection Of Existing Elements**

Design-Builder shall protect all existing features, public utilities, and other existing structures during construction. Design-Builder shall protect existing trees and shrubs from damage during construction. Protection extends to the root systems of existing vegetation. Design-Builder shall not store materials or equipment, or drive machinery, within drip line of existing trees and shrubs.

# Aerial Map

## Palisades Community Center

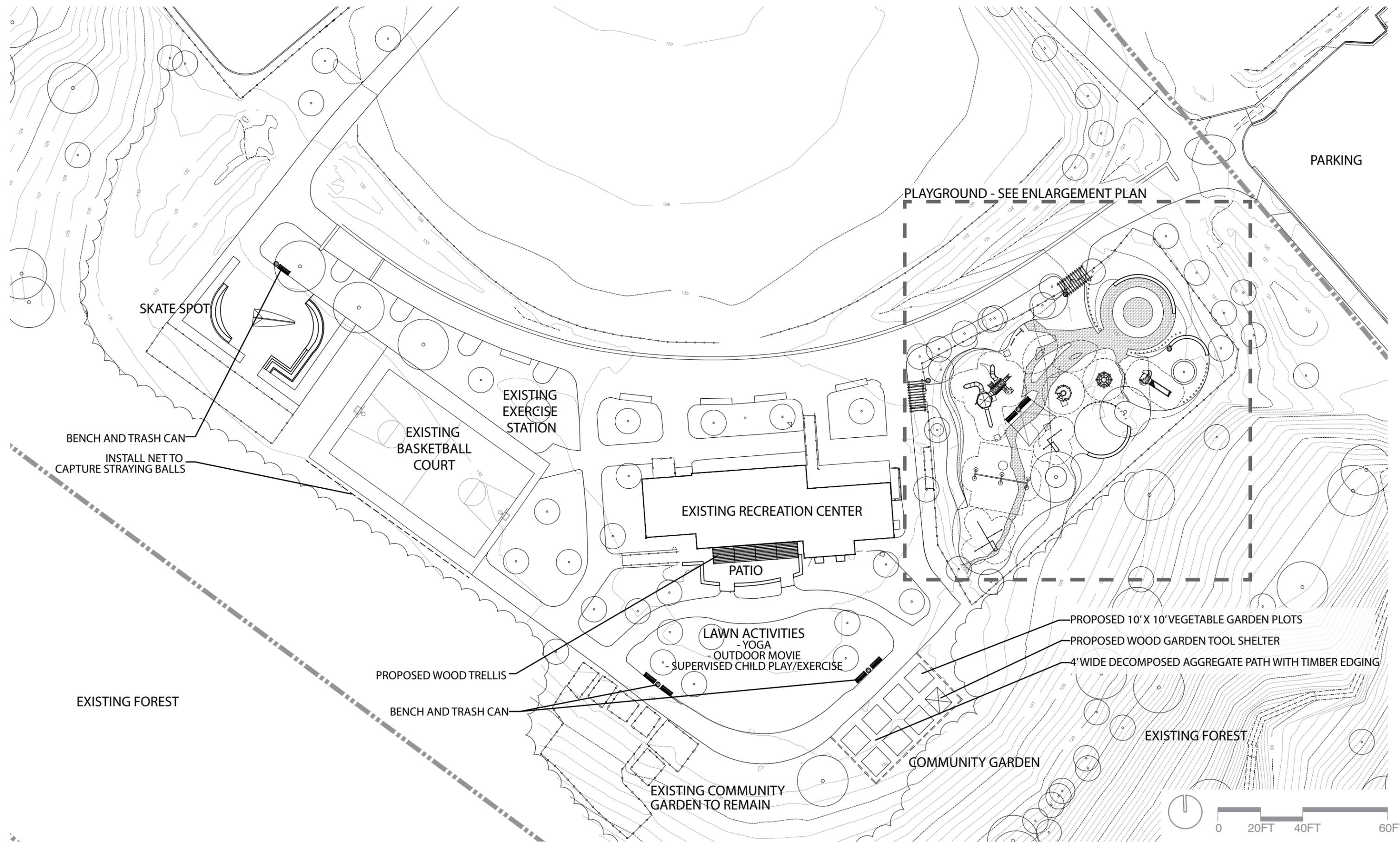
5200 Sherrier Pl., NW



|  |                                                                                                                   |                                                                                                                                                                                                                                                                                                                       |  |
|--|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |                                                                                                                   | Map: ORTHO_Palisades<br>Date: Jan 26, 2011<br>Data Source: OCTO GIS DPR<br>Photo Imagery: 2010 Orthophoto<br>Coordinate System: NAD 1983 StatePlane MD<br>Prepared by: DC Dept of Parks and Recreation                                                                                                                |  |
|  | <ul style="list-style-type: none"> <li> Recreation Centers</li> <li> Public Schools</li> <li> DC Parks</li> </ul> | Information on this map is for illustration only. The user acknowledges and agrees that the use of this information is at the sole risk of the user. No endorsement, liability, or responsibility for information or opinions expressed are assumed or accepted by any agency of the District of Columbia Government. |  |



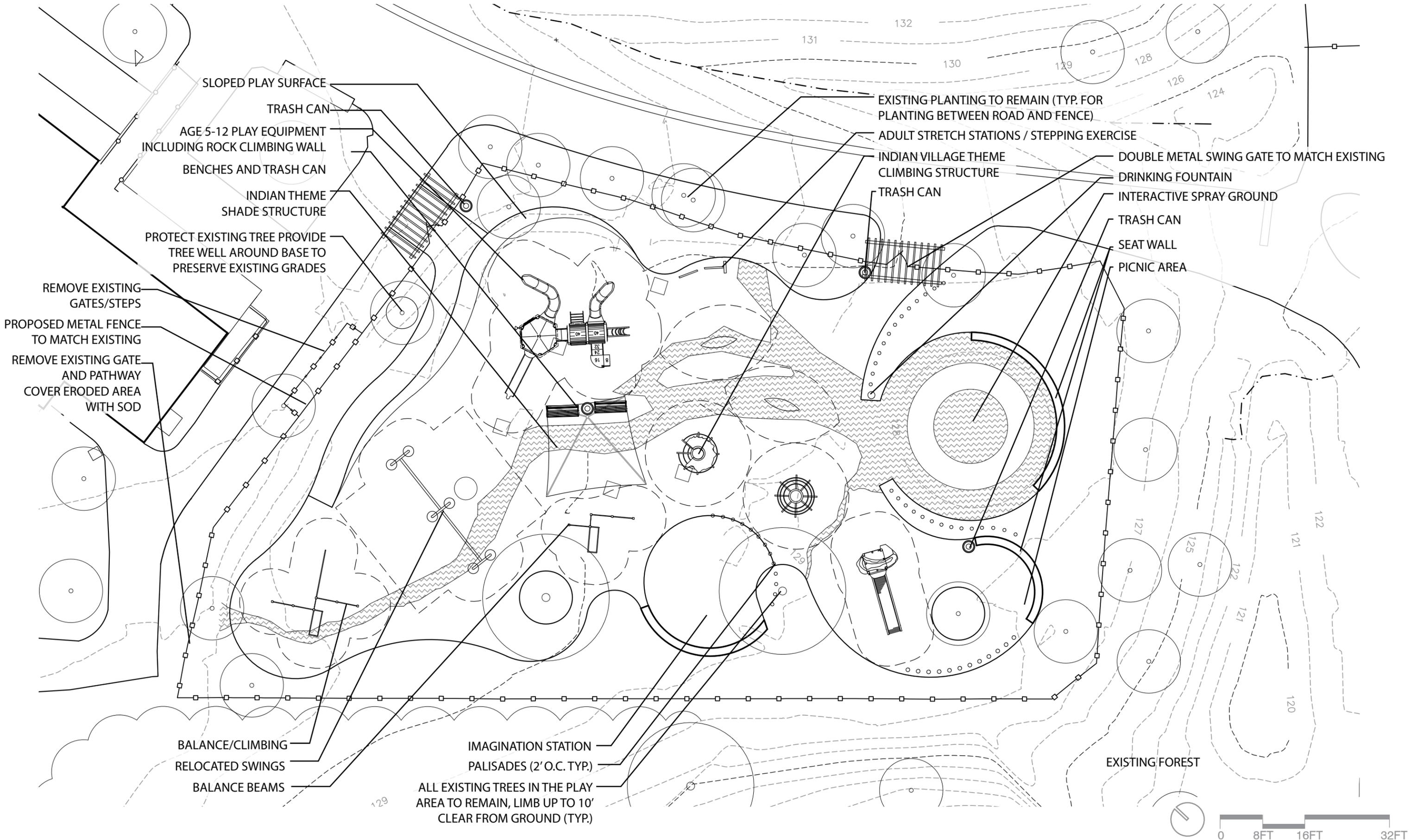
**SITE ILLUSTRATIVE PLAN**



**SITE LAYOUT PLAN**



**PLAYGROUND ILLUSTRATIVE PLAN**



SLOPED PLAY SURFACE  
 TRASH CAN  
 AGE 5-12 PLAY EQUIPMENT INCLUDING ROCK CLIMBING WALL  
 BENCHES AND TRASH CAN  
 INDIAN THEME SHADE STRUCTURE  
 PROTECT EXISTING TREE PROVIDE TREE WELL AROUND BASE TO PRESERVE EXISTING GRADES  
 REMOVE EXISTING GATES/STEPS  
 PROPOSED METAL FENCE TO MATCH EXISTING  
 REMOVE EXISTING GATE AND PATHWAY COVER ERODED AREA WITH SOD

EXISTING PLANTING TO REMAIN (TYP. FOR PLANTING BETWEEN ROAD AND FENCE)  
 ADULT STRETCH STATIONS / STEPPING EXERCISE  
 INDIAN VILLAGE THEME CLIMBING STRUCTURE  
 TRASH CAN  
 DOUBLE METAL SWING GATE TO MATCH EXISTING  
 DRINKING FOUNTAIN  
 INTERACTIVE SPRAY GROUND  
 TRASH CAN  
 SEAT WALL  
 PICNIC AREA

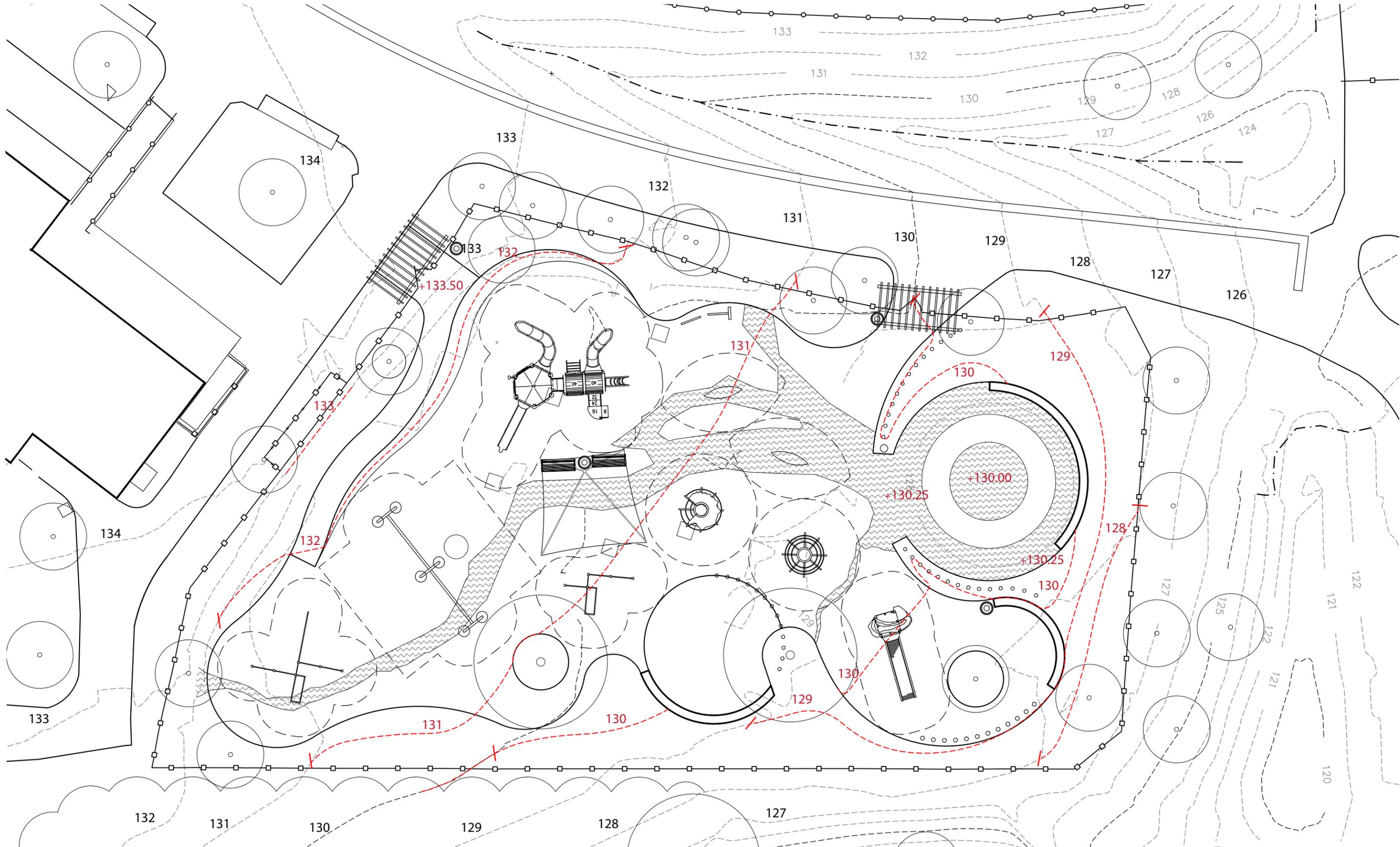
BALANCE/CLIMBING  
 RELOCATED SWINGS  
 BALANCE BEAMS

IMAGINATION STATION  
 PALISADES (2' O.C. TYP.)  
 ALL EXISTING TREES IN THE PLAY AREA TO REMAIN, LIMB UP TO 10' CLEAR FROM GROUND (TYP.)

EXISTING FOREST



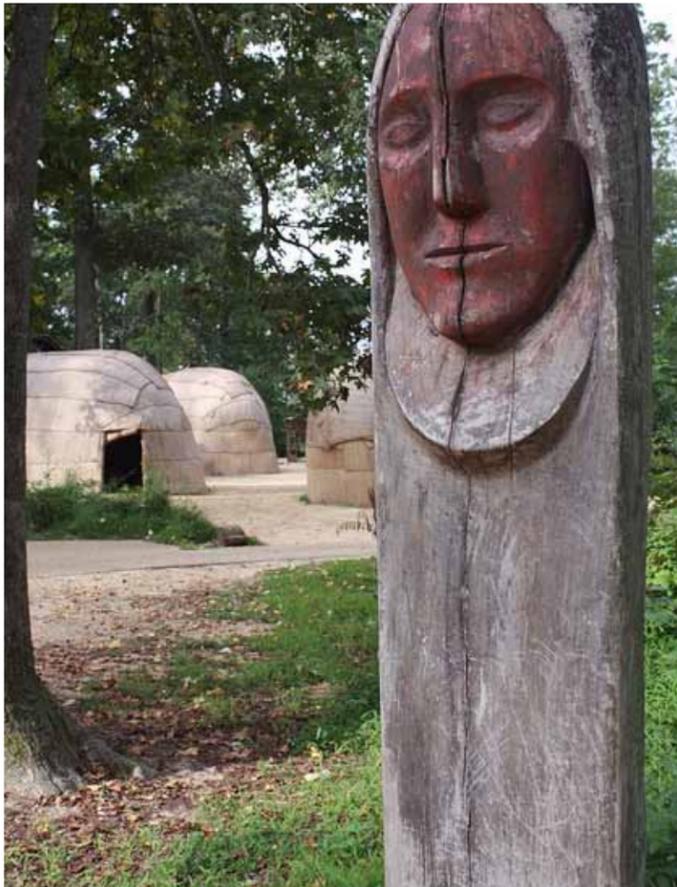
**PLAYGROUND LAYOUT PLAN**



**PLAYGROUND GRADING PLAN**



**COMMUNITY PREFERRED ACTIVITIES AND PLAY EQUIPMENT**



POTENTIAL SITE FURNISHING AND PLAY EQUIPMENT