

RFP – Playground and Outdoor Exercise Equipment Acquisition

Scope of Works

A - Parson's Road Park Playground

The space allocated is approximately 205m². The new playground should fit within this space, but expansion can be considered. The swing set does not need to fit within the 205m².

Please use the following link to access the Bernews article about the installation of this playground in 2015.

<https://bernews.com/2015/08/dd-parsons-road-playground-re-opened/>

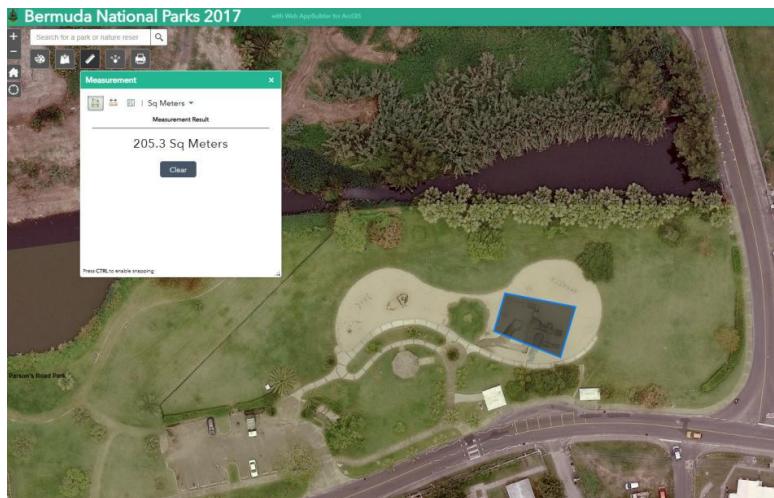


Figure 1 - Location in Parson's Road Park

Requirements:

A site safety plan is necessary ahead of demolition or installation of new playground as these sites are public.

New playgrounds should match the current aesthetic of playgrounds found throughout the National Park System.

Interactive elements, such as music or art, signage, etc.

There will be no electrical or water components for the new pieces.

Contractor will demolish the existing structure, complete necessary site grading, procure, ship, and install the equipment through consultation with the Department of Parks. Duty waivers can be submitted by the Department of Parks to Customs for the equipment.

Proposed equipment should meet national standards; more information below.

Appropriate ground surfacing must be installed based on national standards; more information below.

Proposed equipment must be weather resistant to salt, sun, and heavy winds.

Proposed equipment must be easy to repair or buy parts for. Consideration should be given to purchasing spare parts for pieces that are specific to the playground design and cannot be purchased in Bermuda.

Proposed equipment should be vandal resistant.

Signage for playground etiquette and safety should be included.

Proposed equipment should include accessible elements. ADA standards can be reviewed.

B – Duck's Puddle Annex Park Playground

The space allocated is approximately 165m². The new playground should fit within this space, but expansion can be considered.

There has not been a playground on site since as early as 2017. Figure 2 shows a collage of what the playground once looked like in the space.



Figure 2 - Duck's Puddle Annex Playground 2017

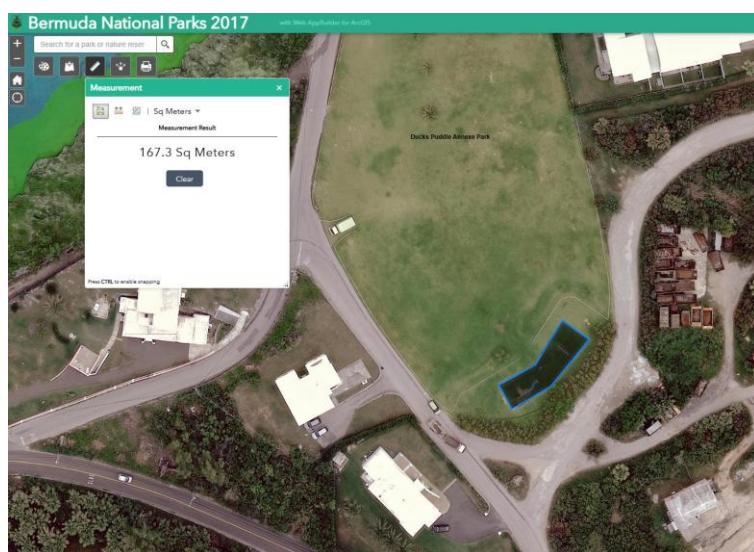


Figure 3 - Location in Duck's Puddle Annex Park

Requirements:

A site safety plan is necessary ahead of demolition or installation of new playground as these sites are public.

New playgrounds should match the current aesthetic of playgrounds found throughout the National Park System.

Interactive elements, such as music or art, signage, etc.

There will be no electrical or water components for the new pieces.

Contractor will demolish the existing structure, complete necessary site grading, procure, ship, and install the equipment through consultation with the Department of Parks. Duty waivers can be submitted by the Department of Parks to Customs for the equipment.

Proposed equipment should meet national standards; more information below.

Appropriate ground surfacing must be installed based on national standards; more information below.

Proposed equipment must be weather resistant to salt, sun, and heavy winds.

Proposed equipment must be easy to repair or buy parts for. Consideration should be given to purchasing spare parts for pieces that are specific to the playground design and cannot be purchased in Bermuda.

Proposed equipment should be vandal resistant.

Signage for playground etiquette and safety should be included.

Proposed equipment should include accessible elements. ADA standards can be reviewed.

C – Mullet Bay Park Outdoor Exercise Equipment

The space allocated is approximately 194m2. Expansion can be considered.

Please follow this link to see what the equipment looked like when first installed in 2018.

<https://bernews.com/2018/11/mullet-bay-park-fitness-equipment-opening/>

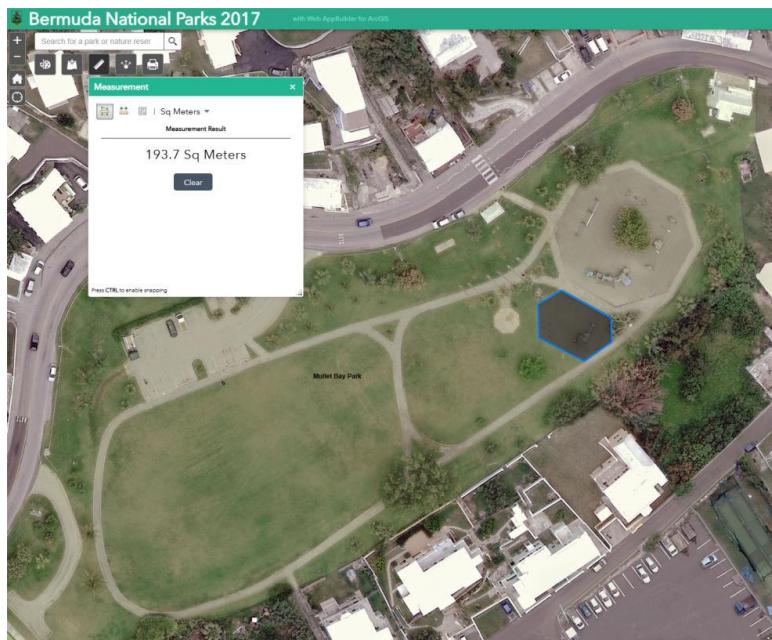


Figure 4 - Location in Mullet Bay Park

Requirements:

- A site safety plan is necessary ahead of demolition or installation of new outdoor exercise equipment as these sites are public.
- New outdoor exercise equipment should match the current aesthetic of playgrounds found throughout the National Park System.
- There will be no electrical or water components for the new pieces.
- Contractor will demolish the existing structure, complete necessary site grading, procure, ship, and install the equipment through consultation with the Department of Parks. Duty waivers can be submitted by the Department of Parks to Customs for the equipment.
- Proposed equipment should meet national standards (please utilize playground standards); more information below.
- Appropriate ground surfacing must be installed based on national standards (please utilize playground standards); more information below.
- Proposed equipment must be weather resistant to salt, sun, and heavy winds.
- Proposed equipment must be easy to repair or buy parts for. Consideration should be given to purchasing spare parts for pieces that are specific to the outdoor exercise equipment design and cannot be purchased in Bermuda.
- Proposed equipment should be vandal resistant.
- Signage for exercise equipment safety and signage for how to use each piece of equipment is necessary. Signage should include appropriate age for usage, i.e. 16+, and state “use at your own risk”.
- Proposed equipment should include accessible elements. ADA standards can be reviewed.

D – Shelly Bay Park Outdoor Exercise Equipment

The space allocated is approximately 180m2. Expansion can be considered.

This space houses old wooden exercise equipment, which will be replaced with the new design for cohesion.



Figure 5 - Location in Shelly Bay Park

Requirements:

- A site safety plan is necessary ahead of demolition or installation of new outdoor exercise equipment as these sites are public.
- New outdoor exercise equipment should match the current aesthetic of playgrounds found throughout the National Park System.
- There will be no electrical or water components for the new pieces.
- Contractor will demolish the existing structure, complete necessary site grading, procure, ship, and install the equipment through consultation with the Department of Parks. Duty waivers can be submitted by the Department of Parks to Customs for the equipment.
- Proposed equipment should meet national standards (please utilize playground standards); more information below.
- Appropriate ground surfacing must be installed based on national standards (please utilize playground standards); more information below.
- Proposed equipment must be weather resistant to salt, sun, and heavy winds.

- Proposed equipment must be easy to repair or buy parts for. Consideration should be given to purchasing spare parts for pieces that are specific to the outdoor exercise equipment design and cannot be purchased in Bermuda.
- Proposed equipment should be vandal resistant.
- Signage for exercise equipment safety and signage for how to use each piece of equipment is necessary. Signage should include appropriate age for usage, i.e. 16+, and state “use at your own risk”.
- Proposed equipment should include accessible elements. ADA standards can be reviewed.

Examples of Design - Playgrounds

The following is provided for illustrative purposes only and does not limit or prescribe the final design solution.



Figure 6 - Children's Playground Example - Age 5-12



Figure 7 - Toddler's Playground Example - Age 18 Months to 5 Years

Swing Sets

Swing sets should include toddler bucket seats, as seen in the left of Figure 8, and child belt seats, as seen in the right of Figure 8. Additionally, tire swings and ADA compliant adaptive swings should be considered. See Figure 9 and Figure 10 respectively. The following link shows an example of an inclusive swing set system for research purposes <https://youtu.be/hAE19rI0VO0>



Figure 8 - Example Swing Set Composition



Figure 9 - Tire Swing Example



Figure 10 - Example of ADA Compliant Swing Set Seat

Examples of Design – Outdoor Exercise Equipment

The following is provided for illustrative purposes only and does not limit or prescribe the final design solution.



Figure 11 - Example of Outdoor Exercise Equipment