



UNIVERSITY of HAWAII®
KAPI'OLANI
 COMMUNITY COLLEGE

Technical Specifications

I. Alani Playground Equipment

A. INSTALLATION:

Completely remove existing playground structure, supports, mounts, etc. and excavate existing sand/base material as necessary in order to properly prepare the space for the NEW playground structure.

Contractor shall not disturb existing concrete walkways.

Existing sand surfacing to be retained, however Contractor shall remove all soil-contaminated sand, backfilling with NEW sand matching grain, material, color and overall surface depth of existing to meet fall height requirements of NEW playground structure.

Pour concrete forms and/or provide/install appropriate base material as necessary and per manufacturer's requirements.

Furnish, assemble and install all components of the NEW playground structure. Structure shall be ADA compliant and fit within the existing available space, while also being of sufficient design so as to maximize the amount of equipment available for children's play activities to be installed within the existing space.

B. Other:

MATERIALS/FEATURES:

All design components shall be provided to the University for Buyer's review and approval prior to ordering and installation. Playground design shall be targeted for children's age group of 2 – 5 years, not exceeding an age range of 7 years old.

Features shall, at minimum, include:

- 3ea Decks with Roof Coverings (2ea shall be at a finished height of 4' above grade)
- 2ea Slides (Straight/Curved, Double/Single, Mixed & Matched)
- 2ea Playable Bridges (Net, Suspension, or Climbing functions required; Arch and Funnel Bridges shall NOT be accepted)
- 4ea Climbers of varying design and difficulty (1ea shall be a Curly/Corkscrew Climber)
- 3ea Interactive Play Panels (minimum 2ea shall be at ground level and ADA compliant)

All manufacturers shall be IPEMA certified.

All designs shall be ASTM, CPSC and ADA compliant.

All materials shall be composed of the most durable materials, consistent with industry standards for commercial playgrounds and playgrounds installed within government facilities.

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Metal components shall be galvanized steel or aluminum, with a double-zinc primer coating and powder-coated finish. Upright posts shall be a minimum of 3.5" OD. Plastics shall be UV-stabilized HDPE or rotationally-molded polyethylene. Decks shall be PVC-coated punched hot-rolled steel, minimum of 36" center-to-center spacing on the upright posts.

WARRANTY:

Labor and Materials shall have a minimum standard warranty of one (1) year.