

DEPARTMENT INPUT
CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Check applicable Ordinance(s): 90-143 Responsible Wage and Benefits 03-237 (formerly 03-1) Community Workforce Program

PROJECT INFORMATION See attachment

Contract/Project/*Work Order No.: NMPROPLAYGROUND

*Reference corresponding project number when submitting a work order

Contract/Project Title: EARLY HEAD START PRO PLAYGROUNDS

Description/Scope of Work: SEE ATTACHED

Estimated Cost: 198,802.82 Funding Source: FEDERAL

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.
VARIOUS LOCATIONS

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP) See attachment

Engineer/Department or Agency's estimated required workforce for Project Work Order :

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job

Comments: _____

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability

RECOMMENDATION

Set-Aside: Level 1 Level 2 Level 3 Trade Set-Aside Sub-Contractor Goal Workforce Goal No Measure

Basis for Recommendation: _____

Date submitted to DBD: _____

Contact Person: _____

Telephone No.: _____

Miami-Dade County
Community Action and Human Services Department
Energy and Facilities Programs Division
Early Head Start/Partners for Better Outcomes (PBO) Playgrounds Project

The purpose of this Scope of Work is to select a contractor to perform demolition of existing playground (if needed), design, furnish and to install new playground equipment at 8 Miami Dade County Early Head Start/Partners for Better Outcomes sites.

Bethany Child Development Center II
4400 NW 183 Street
Miami Gardens FL 33055

Crystal Learning Center
27085 SW 138 Court
Homestead, FL 33032

Decroly Learning Children Center
735 NE 12 Avenue
Homestead, FL 33030

Memorial Temple Early Childhood Education Center
16600 NW 44 Court
Miami Gardens, FL 33054

Kidz Tyme Learning Academy, LLC
4327 NW 17 Avenue
Miami, FL 33147

Play & Read, Corp.
1726 NW 36 Street
Suite #17
Miami, FL 33147

Room 2 Bloom, LLC
1910 NW 95 Street
Miami, FL 33147

Shining Light Childcare Development Center
8220 NW 13 Court
Miami, FL 33147

The Contractor shall provide plans, surveys, calculations, shop drawings; warranties and all necessary permits as required by law to install all any equipment and material. Contractor shall maintain necessary insurances and licenses throughout the duration of the project. The contractors shall be required to coordinate all work, verify all site conditions and make submittals as required for approval to the owners and CAHSD inspectors. The contractor is responsible for all work done by any sub-contractor and shall require that all sub-contractor pull all necessary permits according to code.

The Contractor shall perform the services with the standard skill care and diligence which a competent and suitably qualified person performing such services could reasonably be expected to exercise and in accordance with the Work Write-Up; work must be performed in a professional, "Workman like Manner."

Contractor must comply with the Scope of Work and the attached Reference Documents 21000.

Construction must begin within fifteen (15) days from the contract execution date and shall be carried on at a rate that insures full completion on or before the date of completion as stipulated in the Notice to Proceed.

Contractor is required to provide all documents needed to pull required permits. Documents may include the following; structural plans, site plan or survey, engineering, NOA's, shop drawings, etc. All documents must comply with the Florida Building Code and the Miami-Dade County regulations.

The contractor understands that timely completion of the work within the contract period is of the essence and contractor accepts that the contract period to complete the work is sixty (60) calendar days.

The intended use of the playgrounds will be to serve Early Head Start children.

The work specified in this Scope of Work consists of furnishing all labor (including subcontractors), disposal of materials, machinery, tools, means of transportation, supplies, equipment, materials, permits and services necessary to perform the following work described in this SOW. Prior to any digging or site preparation at each PBO location, Contractors must contact Sunshine 811 to coordinate the process between excavators and member utilities in Florida so that they can mark the approximate location of underground lines, pipes and cables on construction site. Contractors must apply and secure all permits associated for this project.

Contractor shall provide detailed documentation defining the work performed for each City park location. Such documentation shall include, but not limited to, a detailed scope of work, manufacturer catalog and/or cut sheets, general data sheets, drawings and sketches or specification and warranty information.

Respondents shall include the manufacturer and 3-dimensional drawings of all proposed playground equipment. 3-dimensional drawings shall be identified and organized by site location, and clearly tabbed in the Contractors proposal. The drawings must identify the Name and the Type of "Play Elements" and clearly identified in the 3-dimensional drawings provided.

Equipment must meet ASTM F1487.11 standards and/or ASTM testing and materials from F2373.11

All manufactured items and installation should conform to the United States Consumer Product Safety Commission guidelines for playground safety and certified by ASTM – International and the NPCAI – International Play Contract Association.

Required surfacing, to exclude wood mulch, should conform to the ASTM standards F1292, F2785, and F2233. Preferred surfacing, poured-in-place should conform to F2479 that specify the regulations for fall zone.

All playground construction and installation will be site-specific and customized for each Early Head Start – Child Care Partnership Guide. The Contractor will refer to design plans as recommended by the Project Manager.

Perimeter fencing should conform to ASTM F2049 and will be made of aluminum with an "Estate" design. The Bidder will be responsible for removing any existing playground equipment, if needed.

Barriers, including bollards, must be installed when a playground is adjacent to a street, parking lot, or other space with vehicular traffic.

All playgrounds must be ADA (Americans with Disabilities Act) accessible and inclusive for children with special needs as required by IDEA (Individuals with Disabilities Education Act).

The Contractor will need to install shading over equipment. Shading will need to cover, at a minimum, half of the playground.

Interior barriers, if needed to separate very young children (0-3) from pre-school children (3-5) need to be 4' and cannot have sharp edges or other structures that could cause strangulation.

Entrances need to ensure that 0-3 year old children and pre-school children (3-5) cannot co-mingle. Further, each play space needs to have two methods of egress.

The Contractor will have the ability to install a tricycle path with varying characteristics depending on site location.

INSTALLATION

- A. Prior to mobilization Contractor shall attend a Pre-Construction meeting at each site. The Installation vendor shall provide to the Project Manager, at this meeting, a complete set of permitted drawings for all relevant components.
- B. The Contractor shall submit, in writing, all project-related questions and/or comments to the Project Manager for further distribution.
- C. The Contractor shall ensure all work is installed straight, level and plumb pursuant to permitted drawings.
- D. The Contractor shall verify and be responsible for the accuracy of all field measurements.
- E. The Contractor shall be responsible for restoration of the site to its original condition to include re-sodding of the area affected by their work with sod which is of the same variety and quality as the surrounding sod. Where no sod exists prior to installation, the Contractor shall restore grade to a level consistent with the surrounding grade.
- F. The Contractor shall be responsible for the layout and location of all equipment and infrastructure included in the contract. . It is the responsibility of the Contractor to call the coordinating company that marks the underground utilities prior to commencement of construction. The County's representative will inspect the project when the layout and location has been completed by the Contractor. A 24 hour advance notice will be required for this inspection.
- G. The Contractor shall be responsible for installing any infrastructure included in the contract according to the plans and specifications provided by the County. These plans and specifications are included as part of this contract.
- H. Contractor shall have a supervisor/representative on the work site at all times who shall be able to communicate with the County Representative. The supervisor/ representative shall be thoroughly knowledgeable of all plans, specifications and other contract documents. This individual shall have authority to act on the Contractors behalf.
- I. The Contractor shall be responsible for scheduling all required inspections.

Fencing

All vulnerable play areas shall have fences with gates. The height of the fences shall be site specific. The top of the fence shall be measured on the side of the fence that faces away from the play environment, and be site specific.

The fence shall be designed and constructed so that it allows for a visibility to conform to the level of surveillance necessary from a designated supervising area outside or inside the play environment area to inside the play environment. The maximum vertical clearance between grade and the bottom of the fence shall be 3 in. measured on both sides of the fence around the play environment and of a minimal distance to prevent toys from rolling under. Where the fence is composed of horizontal and vertical members, and if the distance between the tops of the horizontal members is less than 45 in. (1.143 mm), the horizontal members shall be located on the side opposite the play environment to prevent egress over it and the spacing between the vertical members shall not exceed 1³/₄ in. (44.4 mm). If the distance between the tops of the horizontal members is 45 in. (1.143 mm) or more, the spacing between the vertical members shall not exceed 3.5 in.

Fence framework shall be structurally sound, of industrial/commercial grade, designed to withstand the local wind and ice load, possible climbing and abuse. Double leaf access gates for maintenance service or emergency shall comply with the requirements with Standard Performance specifications for fences/barriers and shall be equipped with a locking key-operated locking device that is always locked but where the key location is noted. Single leaf pedestrian access gates shall open outward away from the play environment, shall be self-closing, and shall have a self-latching device. The hand activated release mechanism of the self-latching device shall be not less than 48 in. (1219 mm) above grade. The latch/locking device of the self-closing latching device must comply with the protrusion test or be placed at a height of no less than 54 in. (1372 mm) above grade. Protruding fork, yoke and fulcrum lever type latches of the self-latching device shall be installed at a height of no less than 54 in. (1372 mm) above grade.

To reduce the chance of creating a finger crush/shear point for square frame gates and square gate posts, the opening between the hinge side of the square frame single leaf pedestrian gate and the square gatepost shall not close to a dimension less than 1/2 in. (15.9 mm). A safety covering guard shall be installed over openings less than 1/2 in. (15.9 mm). There shall be no parts of the fence or gate that is a protrusion hazard located less than 54 in. (1372 mm) above grade.

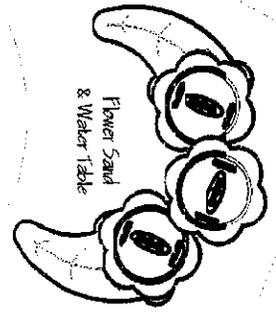
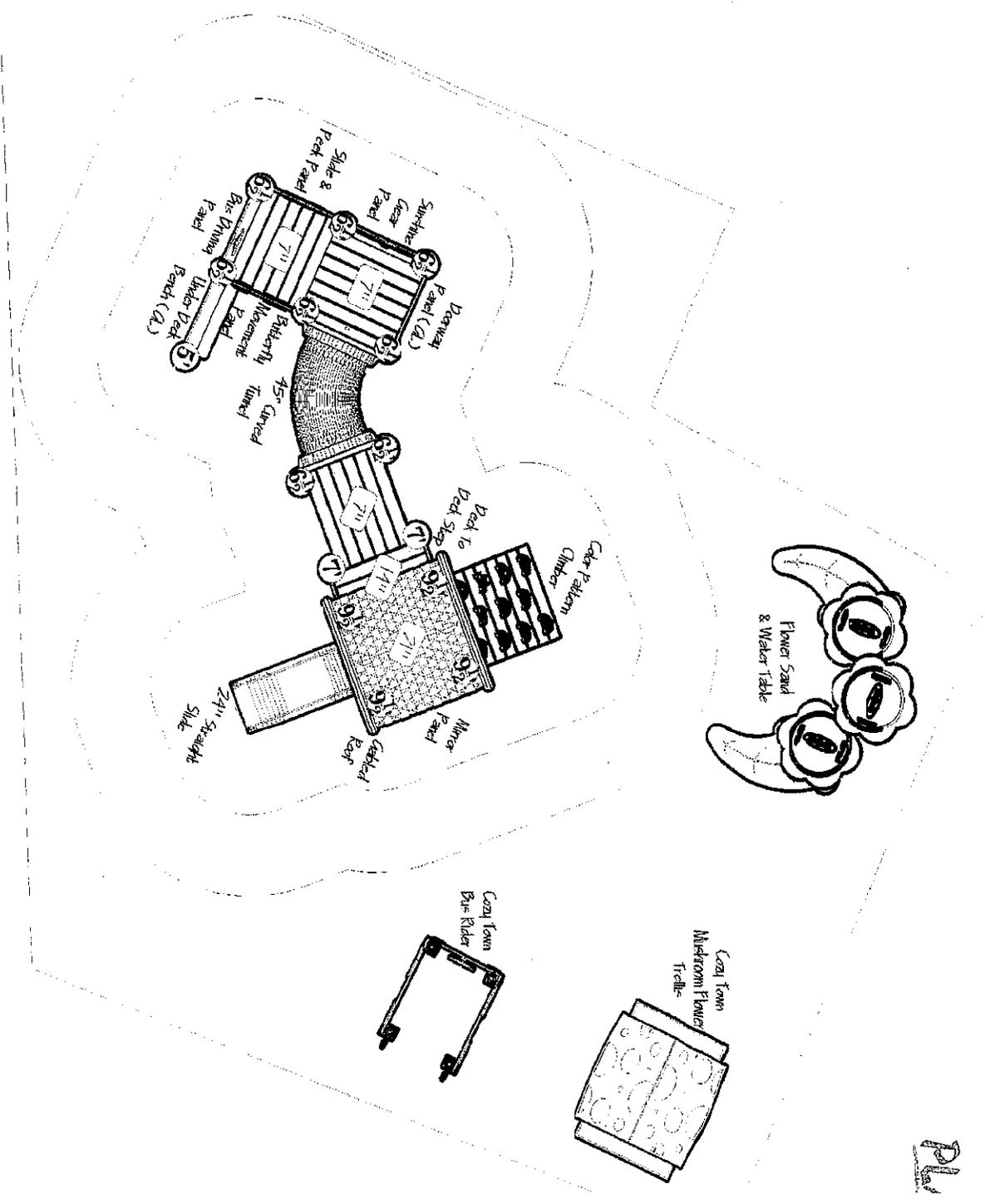
GENERAL SITE PREPARATION AND SUB – SURFACE GUIDELINES

A solid sub-surface such as concrete or asphalt is the preferred base for Pour in Place installations because of the predictable nature of these surfaces. It is important to note that proper installation of the aggregate sub-surface is one of the most critical and most often overlooked aspects of the surfacing project.

1. Contractor is to evaluate existing drainage. If the installation area is lower than the adjacent grades and collects water or if there are standing puddles on the sub-surface, a sub-surface water drain system is to be installed.
2. Remove topsoil until solid, packed and stable sub-soil is Visible and level. If sub soil is of poor quality then geo-textile cloth should be placed between the sub-soil and the granular sub-surface.
3. Install retainer edge if needed.
4. Install 3-8 inches of "Granular A" aggregate or Crushed Granite. Granular A or Crushed Granite shall consist of crushed rock composed of hard, fractured fragments free of clay coatings. Granular A or Crushed Granite shall be produced from bed rock gravel, cobbles or boulders of uniform quality. Granular A or Crushed Granite may also contain a blend or combination of crushed gravel, sand and fines produced from naturally formed deposits, crushed slag produced from air-cooled iron blast furnace or nickel slag, reclaimed Portland cement concrete or reclaimed asphalt pavement material. Install material in 3 to 4" layers. To ensure proper grade install 3/4" to 1" of "crushed granite" or "crushed aggregate" over the leveled sub-surface. Do not use crushed fines on you're a subsurface as a whole; it will create undulations on the floor.
5. Rolling Packer or Plate Compactor - It is critical that the base be properly compacted. Without adequate sub-surface compaction the planarity of finished surface will change as the sub-surface planarity changes. Use a rolling vibrating packer or equivalent and complete multiple passes in both directions. Assist packing by wetting aggregate if necessary.
6. Extend granular base 3-6" past edge of installation. When no solid retainer edge is going to be used at the edge of the installation, then the granular base must be sloped off at a 4" rise in 12" run. Slope for 12 linear inches or until the packed subsurface is 3 to 4" below finished grade of adjacent surface. This prevents a tripping hazard in the event the adjacent loose fill surface erodes and exposes the edge of the resilient surface.
7. It is recommended that the base surface slope to be 2% in order to ensure adequate water drainage.

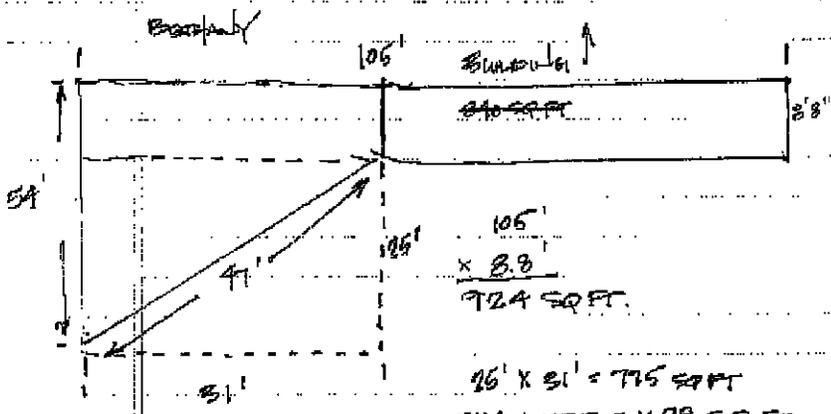
**BETHANY CHILD DEVELOPMENT CENTER II
4400 NW 183 STREET
MIAMI GARDENS FL 33055**

- Furnish and install 1 new 0-3 playground structure including age appropriate signage.
- Playgrounds shall be wheelchair accessible and ADA compliant.
- Play surface is required at this site.
- Include geotextile fabric if necessary.
- Furnish and install integrated canopy. Shading will need to cover, at a minimum, half of the playground.
- Contractors shall install as many types of play as space allows ensuring the play environment encourages and develops a wide range of skills and developmental opportunities for kids.
- Install barrier fencing as needed as per square footage provided.
- No tricycle path is needed at this site.
- J-Curb to be installed under new fence.



Flower Sand & Water Table

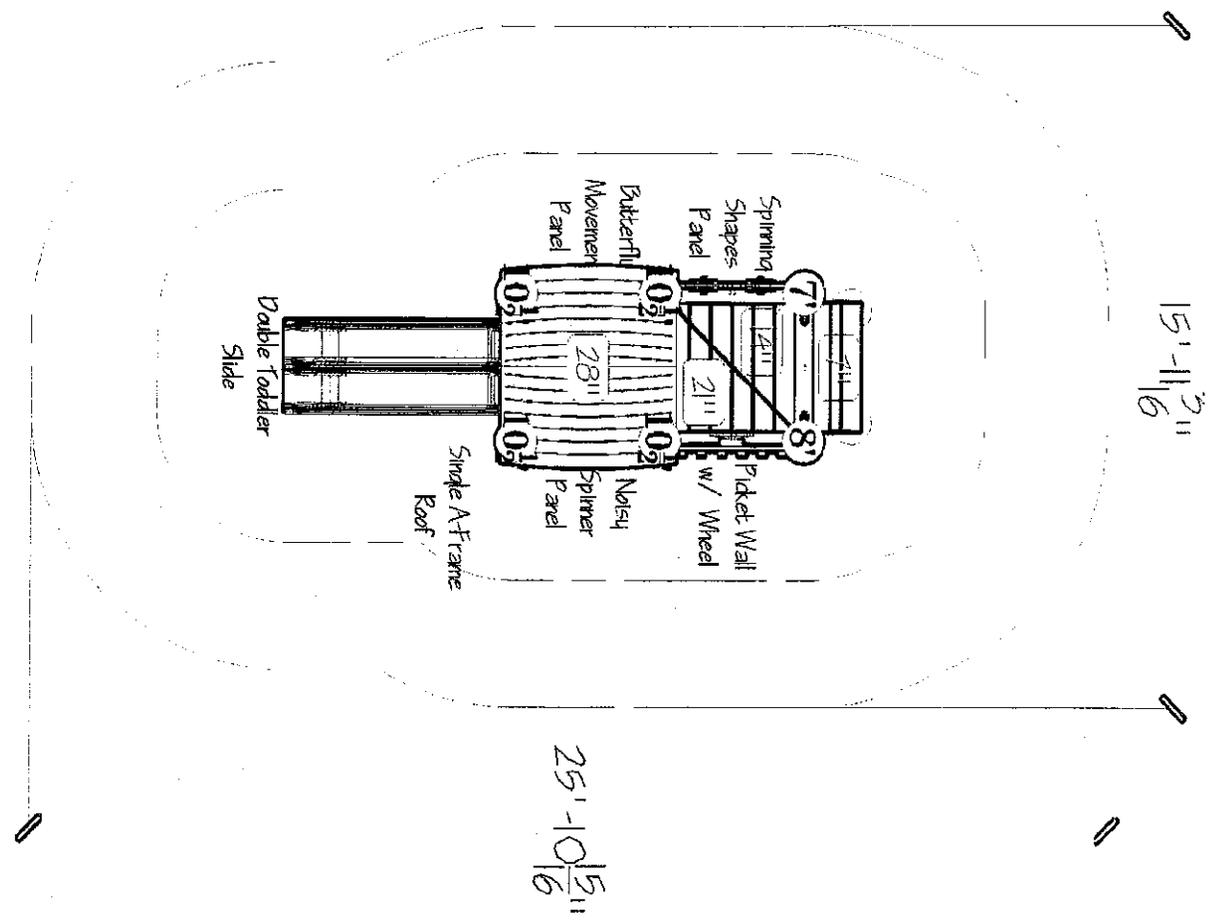
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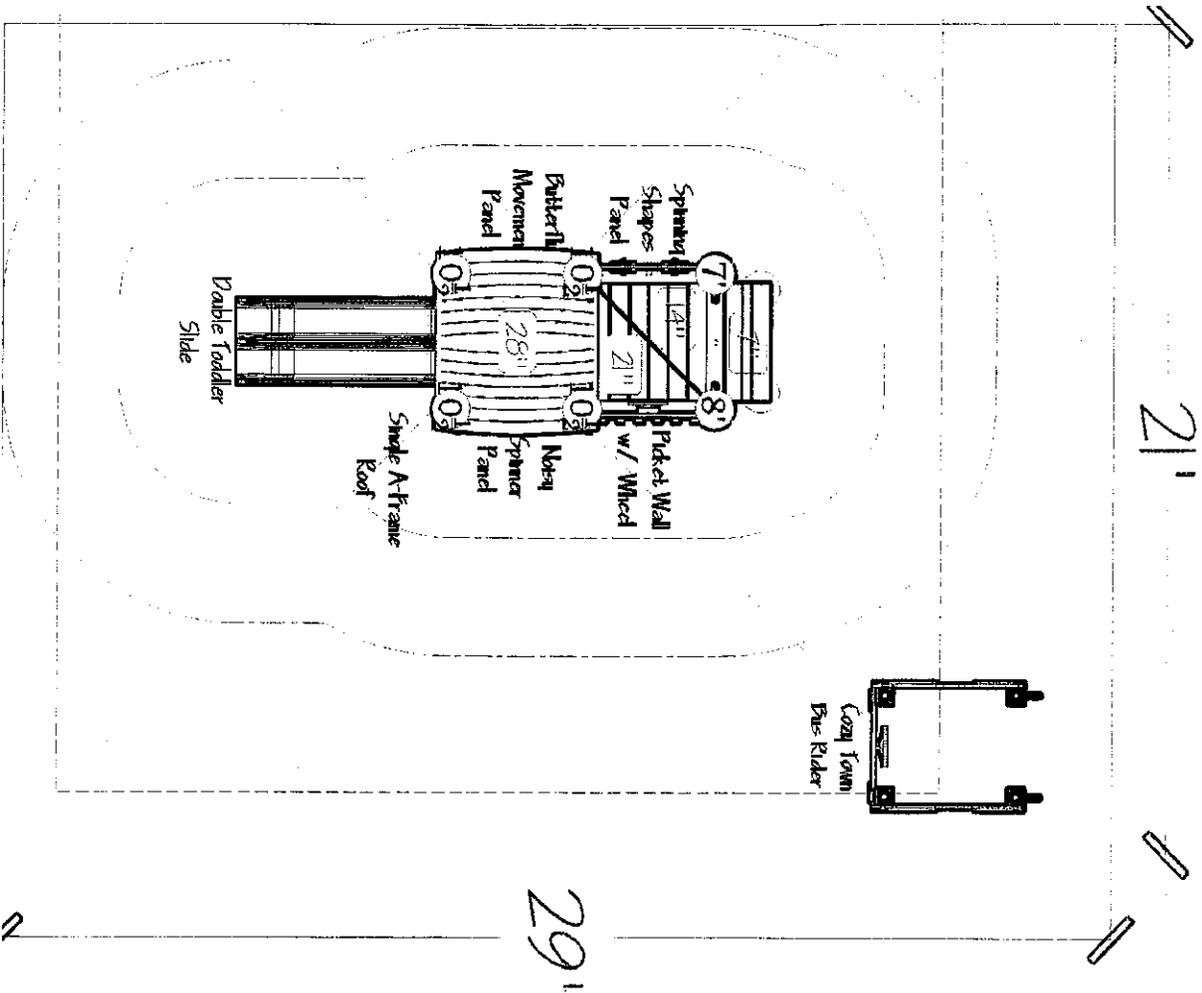


NO BENCHES
4'0" SPACING

**CRYSTAL LEARNING CENTER
27085 SW 138 COURT
HOMESTEAD FL 33030**

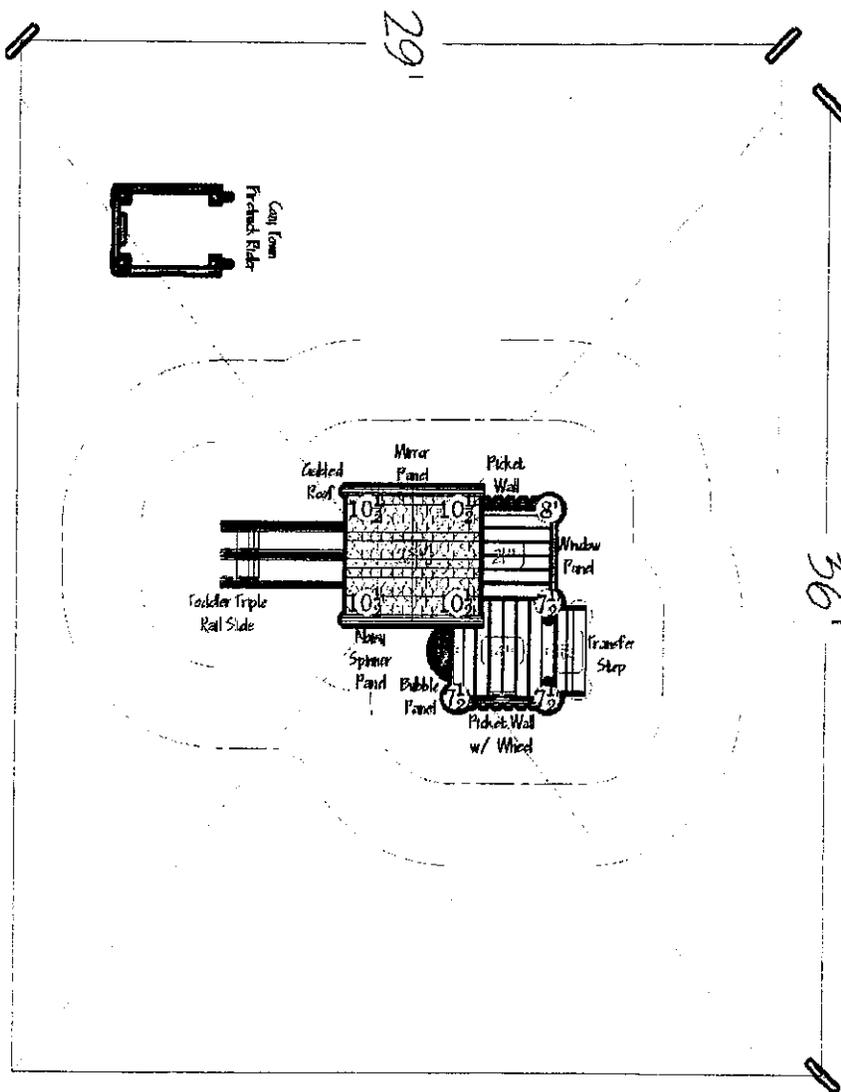
- Remove and demolish existing playground.
- Furnish and install new 0-3 playground structure.
- Playgrounds shall be wheelchair accessible and ADA compliant.
- Furnish and install one integrated canopy. Shading will need to cover, at a minimum, half of the playground.
- Contractors shall install as many types of play as space allows ensuring the play environment encourages and develops a wide range of skills and developmental opportunities for kids.
- Install barrier fencing as needed as per square footage provided.
- No tricycle path is needed at this site.
- J-Curb to be installed under new fence.
- Play surface is required at this site.
- Include geotextile fabric if necessary.





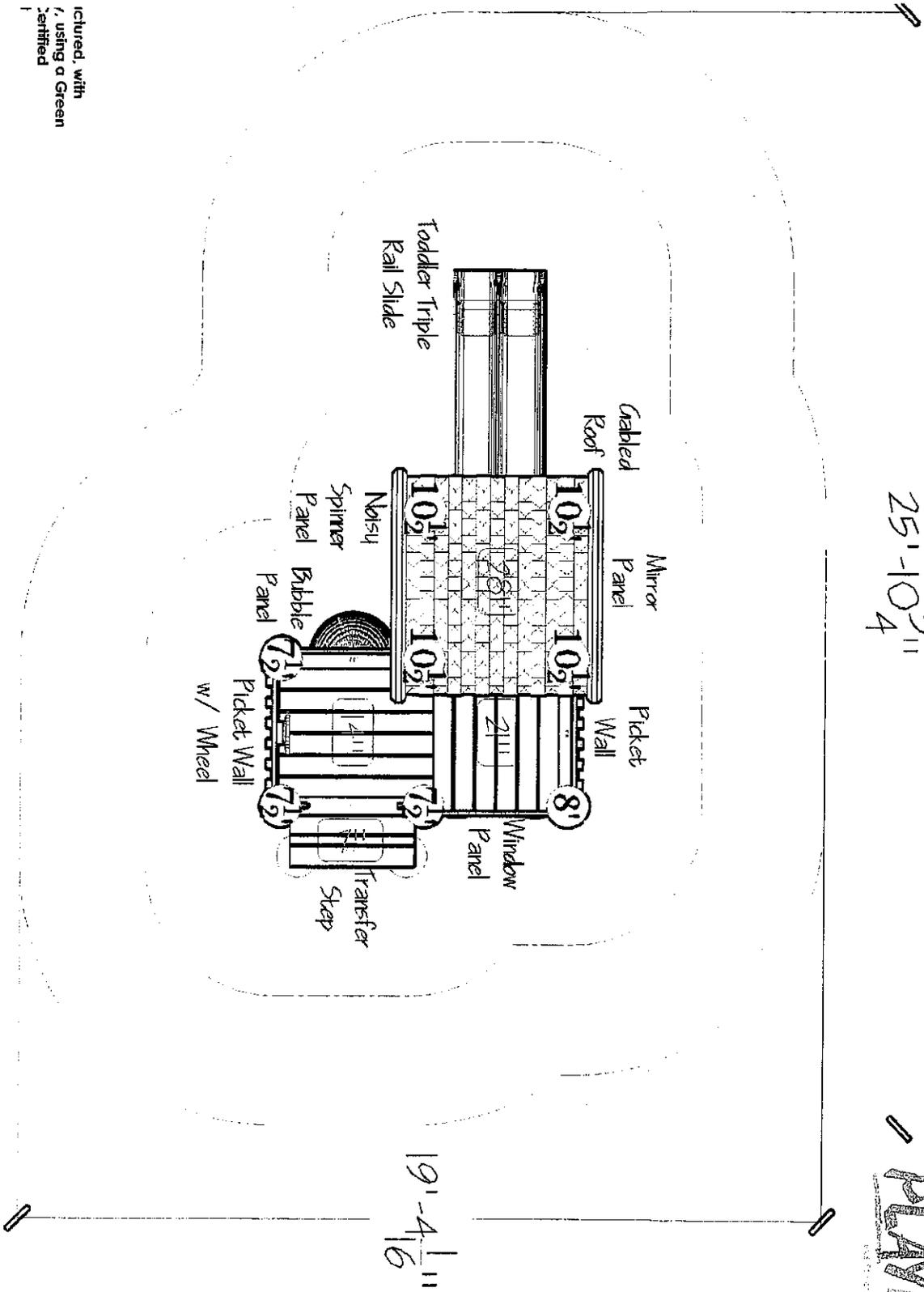
**Decroly Learning Childcare Center
735 NE 12 Avenue
Homestead, FL 33030**

- Furnish and install one new 0-3 year old playground structure;
- Playgrounds shall be wheelchair accessible and ADA compliant;
- Furnish and install one integrated canopy. Shading will need to cover, at a minimum, half of the playground equipment.
- Install barrier fencing as needed as per square footage provided.
- tricycle path is needed at this site.
- J-Curb to be installed under new fence.
- Play surface is required at this site.
- Include geotextile fabric if necessary.



25'-10³/₄"

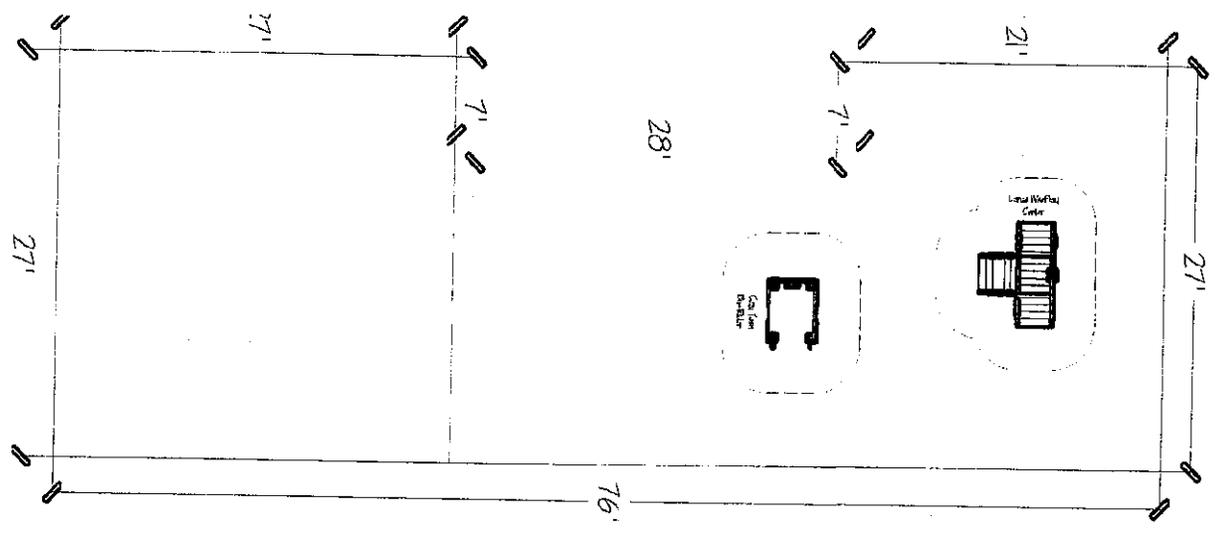
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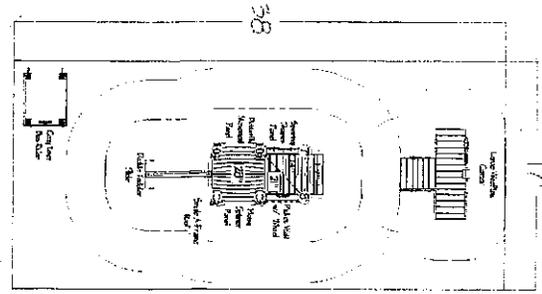
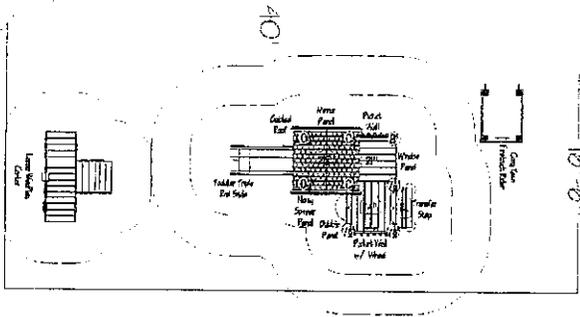
Kidz Tyme Learning Academy, LLC
4327 NW 17 Avenue
Miami, FL 33147

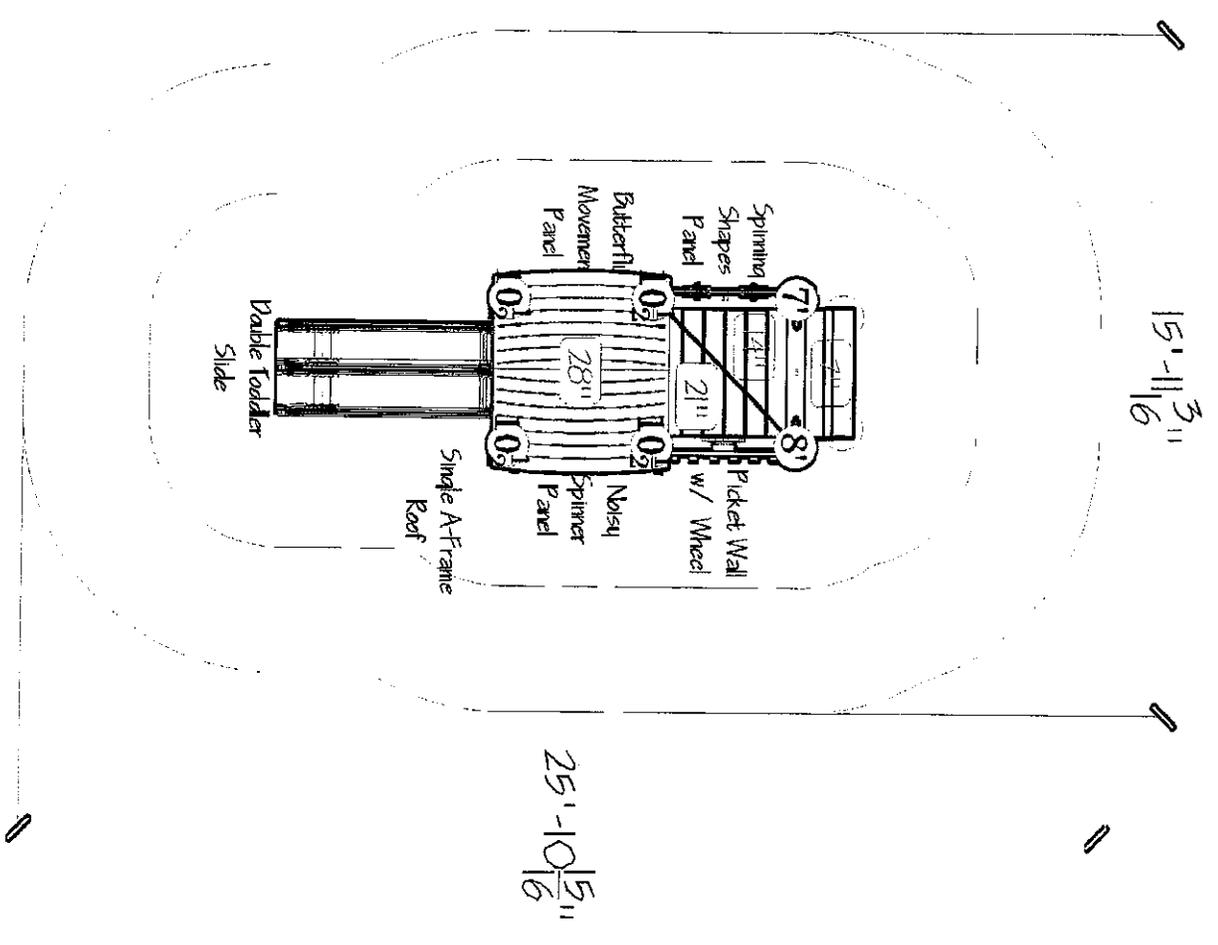
- Furnish and install one new 0-3 year old playground structure;
- Playgrounds shall be wheelchair accessible and ADA compliant;
- Furnish concrete slab at rear exits to access playground as per ADA code.
- Furnish and install one integrated canopy. Shading will need to cover, at a minimum, half of the playground equipment.
- Install barrier fencing as needed as per square footage provided.
- Tricycle path is needed at this site.
- J-Curb to be installed under new fence.
- Play surface is required at this site.
- Include geotextile fabric if necessary.



Play & Read, Corp.
1726 NW 36 Street, Suite 17
Miami, FL 33147

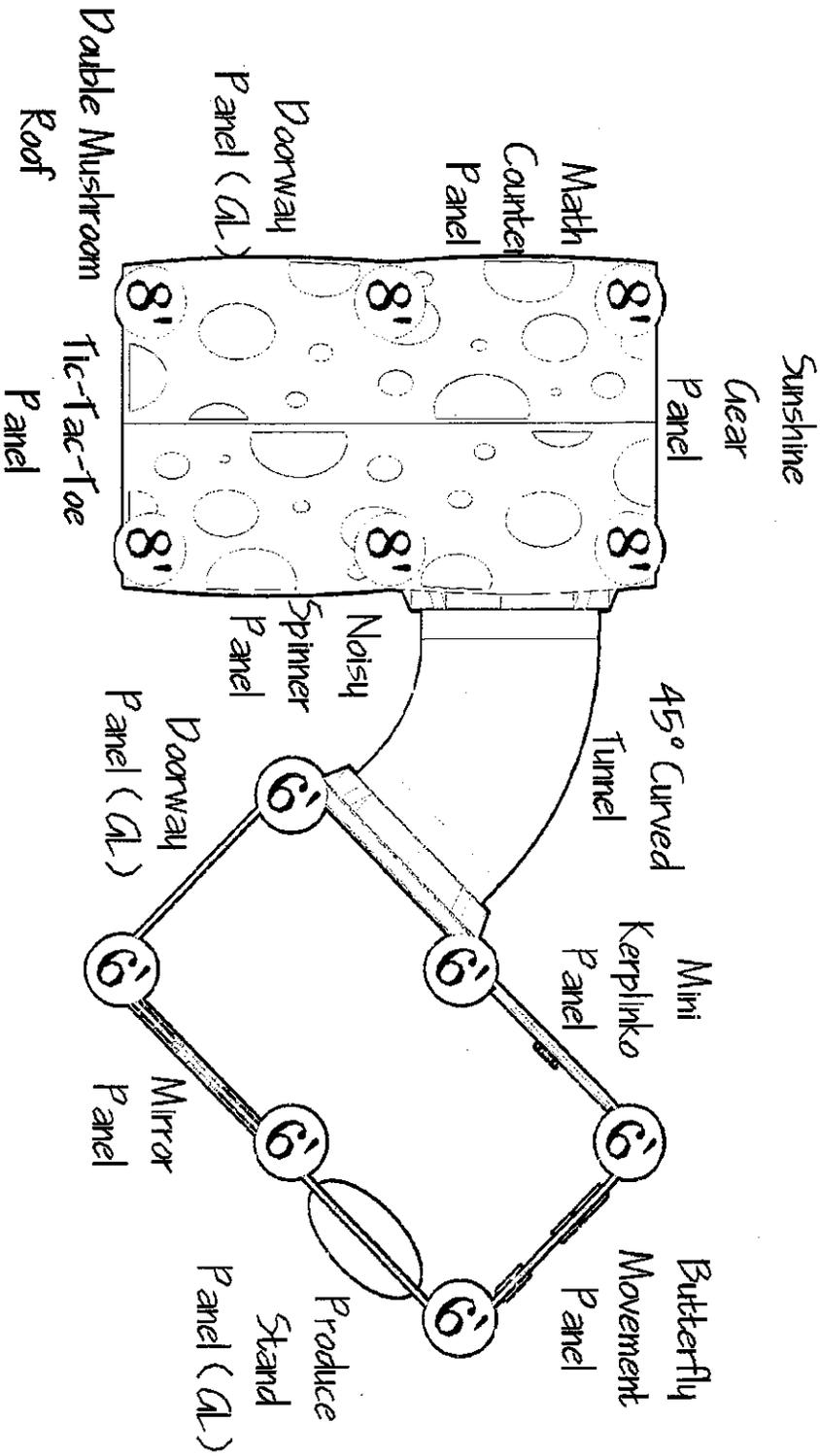
- Furnish and install two new 0-3 year old playground structures.
- Playgrounds shall be wheelchair accessible and ADA compliant.
- Furnish concrete slab at rear exits to access playground as per ADA code.
- Furnish and install two integrated canopies. Shading will need to cover, at a minimum, half of the playgrounds equipment.
- Install barrier fencing as needed, as per square footage provided.
- J-Curb to be installed under new fence.
- Play surface is required at this site.
- Include geotextile fabric if necessary.





**Room 2 Bloom, LLC
1910 NW 95 Street
Miami, FL 33147**

- Furnish and install one new 0-3 year old playground structure.
- Playgrounds shall be wheelchair accessible and ADA compliant;
- Furnish and install one integrated canopy. Shading will need to cover, at a minimum, half of the playground equipment.
- Install barrier fencing as needed, as per square footage provided.
- Tricycle path is needed at this site.
- J-Curb to be installed under new fence.
- Play surface is required at this site, on new playground, and existing playground.
- Include geotextile fabric if necessary.



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