



## CITY OF MENDOTA HEIGHTS

### PARKS AND RECREATION COMMISSION REGULAR MEETING AGENDA

October 14, 2025 at 6:30 PM

Mendota Heights City Hall, 1101 Victoria Curve, Mendota Heights

**1. Call to Order**

**2. Roll Call**

**3. Pledge of Allegiance**

**4. Approval of the Agenda**

*The Commission, upon majority vote of its members, may make additions or deletions to the agenda. These items may be submitted after the agenda preparation deadline.*

**5. Approval of Minutes**

- a. Approve Minutes from the July 8, 2025 Parks and Recreation Commission Meeting

**6. Public Comment - for items not on the agenda**

*Public comments provide an opportunity to address the Commission on items which are not on the meeting agenda. All are welcome to speak. Individuals should address their comments to the Commission as a whole, not individual members. Speakers are requested to come to the podium and must state their name and address. Comments are limited to five (5) minutes. No action will be taken; however, the Chair and Commissioners may ask clarifying questions as needed or request staff to follow up.*

**7. Acknowledgement of Reports**

*Items on the Acknowledgement of Reports are approved by one motion of the Commission.*

- a. Park Improvement Project Update
- b. Recreation Update
- c. Par 3 Update
- d. Commission Work Plan Update
- e. Park System Master Plan Update

**8. New Business**

**9. Old Business**

- a. Ivy Hills Playground Replacement Recommendation

- 10. Staff Announcements**
- 11. Student Representative Update**
- 12. Commissioner Comments and Park Updates**
- 13. Adjourn**

**Next Meeting  
November 12 at 6:30pm**

Information is available in alternative formats or with the use of auxiliary aids to individuals with disabilities upon request by calling city hall at 651-452-1850 or by emailing [cityhall@mendotaheightsmn.gov](mailto:cityhall@mendotaheightsmn.gov).



## CITY OF MENDOTA HEIGHTS, DAKOTA COUNTY, MINNESOTA

**DRAFT PARKS AND RECREATION MEETING MINUTES**

JULY 8, 2025

The July meeting of the Mendota Heights Parks and Recreation Commission was held on Tuesday, July 8, 2025, at Mendota Heights City Hall, 1101 Victoria Curve.

**1. Call to Order** – Chair Jaffrey Blanks called the meeting to order at 6:30 p.m.

**2. Roll Call** – The following Commissioners were present: Chair Jaffrey Blanks, Commissioners: Michelle Muller, Jennifer Weichert, Jo Schifsky, Dan Sherer, Daniel Van Lith, and Michael Toth; absent: none. Student Representative: Evengeline Fuentes was absent. Staff present: Parks and Recreation/Assistant Public Works Director Meredith Lawrence, Recreation Coordinator Willow Eisfeldt, Recreation Facilities Coordinator Trey Carlson, Summer Rec Intern Eydie Myers, and Public Works Director Ryan Ruzek.

**3. Pledge of Allegiance**

The Pledge of Allegiance was recited.

**4. Approval of Agenda**

*Motion Sherer/second Toth to approve the agenda.*

AYES 7: NAYS 0

**5.a Approval of Minutes from May 13, 2025, Regular Meeting**

*Motion Schifsky/second Weichert to approve the minutes of the May 13, 2025, Parks and Recreation Commission Regular Meeting.*

AYES 7: NAYS 0

**5.b Approval of Minutes from June 10, 2025, Regular Meeting**

*Motion Weichert/second Toth to approve the minutes of the June 10, 2025, Parks and Recreation Commission Work Session.*

AYES 7: NAYS 0

**6. Citizen Comment Period (for items not on the agenda)**

None.

**7. Acknowledgement of Reports**

Chair Blanks read the titles of the three updates (Par 3, Park Improvement, Recreation, Park System Master Plan, and Parks and Recreation Strategic Plan Updates) and polled the Commissioners for questions.

**7.a Park Improvement Project Update**

Parks and Recreation/Assistant Public Works Director Meredith Lawrence briefly reviewed the report and provided updates on the progress of the 2025 projects.

Commissioner Toth asked if the layout of the Ivy Hills basketball court had been changed.

Ms. Lawrence replied that the decision was made to go east/west with the concrete pad. She noted that the process did include multiple layouts, but that direction was the ultimate recommendation of the Commission.

**7.b Recreation Update**

Recreation Program Coordinator Willow Eisfeldt commented that it has been a busy and successful summer, noting that she has welcomed the addition of the Recreation Facilities Coordinator and Summer Intern, as that allows her to focus on other tasks. She noted the rebranding of Parks Celebration to Heights Fest and highlighted some of the planned events. She provided an overview of programming participation for the year, along with the related costs. She highlighted new programming that was added this year, as well as upcoming events and activities.

Commissioner Weichert asked how the new programs are advertised outside of social media, as some seniors do not use social media.

Ms. Eisfeldt stated that programming is advertised on the City website and Facebook page and also included in the quarterly *Heights Highlights*. She commented that some events and new programs are also marketed on postcard mailings. She stated that Townsquare TV also records a segment with the City staff that advertises upcoming events and activities.

Commissioner Weichert commented that Market Square Park could use attention and should perhaps also advertise events.

Ms. Lawrence explained that Market Square is unique in that the City owns the property but does not maintain the property. She stated that she could speak with the property management team. She stated that Recreation Coordinator Willow Eisfeldt has done a great job diversifying the marketing tools used for events and activities.

Commissioner Muller noted that the *Friday News* also advertises events.

Commissioner Schifsky stated that she has also noticed sandwich boards advertising upcoming events and activities at the parks. She stated that she is very impressed with the programming and looks forward to some of the new offerings.

### **7.c Par 3 Update**

Recreation Facilities Coordinator Trey Carlson provided an overview of the Par 3 Financial Report and season statistics. He stated that the online tee scheduling system continues to be used more and has also allows staff to be more attentive to in-person customers. He provided information on course conditions as well as upcoming tournaments and leagues.

Commissioner Weichert stated that she has received positive comments about the new booking software.

Commissioner Sherer asked how the software is paid for.

Ms. Lawrence explained that the software has a charge of \$320 per month, and the City is receiving a good return on the investment. She stated that there have been very few complaints about the process, and more residents are using the system.

Commissioner Sherer asked if the concessions have changed or if the increase in revenue is due to increased rounds.

Mr. Carlson replied that they have not changed anything with the exception of offering blue Gatorade, noting that is a highly desired product.

Commissioner Toth recognized the high levels of rain this year and asked if there would be additional herbicide or pesticide use because of the rain.

Mr. Carlson replied that they have been on a plan developed by a consultant, spraying every two weeks, and they have not had any issues. He did not foresee any additional costs for that purpose.

#### **7.d Commission Work Plan Update**

Parks and Recreation/Assistant Public Works Director Meredith Lawrence provided an update on the work plan progress.

Commissioner Sherer asked how the capital plan is being developed.

Ms. Lawrence stated that the department has an inventory of assets and explained how they are assessing the current value and estimated time of replacement. She explained how the information is then added into the system to build out the capital replacement plan. She commented that the information that staff is working on will help the Council to make the most educated decisions related to funding.

Commissioner Weichert asked if the changing demographics surrounding the parks are considered when they redo the parks. She recognized that they had considered ADA-compliant equipment and asked if they also considered what is appropriate for seniors.

Ms. Lawrence stated that demographics were a large part of the presentation on the Master Plan. She noted that there are a lot of things people want to see but could not be provided within the restraints of the current budget, and therefore, there will be a question as to whether residents are willing to pay more money for these updates.

#### **7.e Park System Master Plan Update**

Parks and Recreation/Assistant Public Works Director Meredith Lawrence stated that the consultant presented the Master Plan to the Council at the June 17<sup>th</sup> meeting, noting that the recording is available on the City website. She noted that the Council accepted the plan. Staff and the Council were happy with the product provided by the consultant. She stated that staff are now working on the phase one plan, which will then come forward to the Commission.

### **8. New Business**

#### **9. Old Business**

##### **9.a Ivy Hills Playground RFP Recommendation**

Parks and Recreation/Assistant Public Works Director Meredith Lawrence provided background information on the process the Commission and subcommittee underwent to create an RFP for the playground replacement at Ivy Hills. She stated that the Council made changes to the RFP, and six proposals were received from five qualified vendors. The subcommittee narrowed the proposals, which then went through the community engagement process. The Commission reviewed the results of the community engagement and made a recommendation for the playground replacement at the May meeting. Staff presented the recommendation to the Council at its May meeting, and the Council ultimately rejected all proposals and changed the scope of the project. A new RFP was created based on the scope developed by the Council and is before the Commission tonight. She commented that they will be moving forward without

additional community engagement. She stated that because they are rebidding the project, installation will not occur this year and will instead occur in the spring of 2026.

Commissioner Schifsky asked if there is a reason they have never looked at artificial turf as a ground cover.

Ms. Lawrence commented that not all turf/grass is considered to be ADA compliant and noted that she has not seen a lot of turf used in playgrounds within the state.

Commissioner Shifsky commented that could be easier to maneuver than woodchips but not as expensive as poured-in-place surfacing.

Commissioner Weichert stated that Somerset Elementary is very close to the park and asked if the elements of that playground have been considered. She noted that playground is fairly ADA compliant, and perhaps accessibility to that playground is considered rather than trying to put everything into Ivy Hills.

Ms. Lawrence commented that she was involved in a small way with the playground process, and although the playground is available for the community to utilize, it is not accessible to the public when students are on-site. She stated it's considered to be a fully inclusive playground, where a large majority of the equipment is inclusive. She stated that Ivy Hills is not intended to be fully inclusive and is instead intended to have an inclusive feature.

Commissioner Weichert stated that perhaps the community could be made aware of when the school playground is accessible to the public.

Commissioner Muller commented that priority is given to students, and outside of school hours, the playground should be available for use.

Ms. Lawrence stated that she had a similar conversation with Mayor Levine a few weeks ago. She stated that the school playground is not a City playground and therefore the City would not be the party to promote when that equipment could be used. She recognized that it is a great amenity for the community, but the City would not be the responsible party to promote the equipment. She noted that perhaps the school would be interested in marketing that.

Commissioner Muller commented that the public is mindful that students have priority on the equipment use.

Commissioner Muller recognized that this expense was budgeted for 2025 but will now happen in 2026. She asked if that would impact the ability to do another project in 2026.

Ms. Lawrence stated that \$160,000 was allocated from fund balance for this project, and that would be carried over. She noted that \$20,000 was budgeted from the special parks fund, and because the Council increased the budget by \$20,000, she believed that would come from fund balance. She stated that the Commission did recommend another playground replacement for 2026, and staff will present a request for Valley Park in 2026. She noted that the Valley Park playground replacement would be partnered with the shelter replacement in hopes of receiving a DNR matching grant for the project. She stated that it may end up being a 2027 project, depending on when the grant award is known. She hoped that this project being delayed would not halt other projects.

Commissioner Schifsky commented that another playground was discussed for replacement in 2026 as well and asked if that could be moved forward if the Valley Park project were delayed to 2027.

Ms. Lawrence provided additional details on the constraints of time and staffing, noting that she would like to focus on the Valley Park projects for the upcoming year in hopes of securing the grant. She noted that staff are going to try to package together multiple projects within one park as they move forward in hopes of utilizing grant dollars.

Commissioner Schifsky asked if the Commission could partner with the Natural Resources Commission in the future to assist in those types of efforts.

Ms. Lawrence stated that staff are evaluating the process to ensure a smooth process can be developed and followed. She stated that staff meet monthly and are going to try to identify projects they could collaborate on, as there is a natural alliance between parks and open space.

*Motion Schifsky/second Muller to approve the Ivy Hills RFP as presented.*      AYES 7: NAYS 0

## **10. Staff Announcements**

Parks and Recreation/Assistant Public Works Director Meredith Lawrence shared the following announcements:

- Staff are working to finalize the department budgets in anticipation of the coming budget discussions
- The August meeting will be on Wednesday, August 13<sup>th</sup>
- July is Parks and Recreation Month in Mendota Heights
- Other events can be found on the City's website

## **11. Student Representative Update**

None.

## **12. Commission Comments and Park Updates**

Commissioner Sherer

- Hagstrom King has been busy with the great weather and with the baseball season
- Asked a question about the height of the swings
- The padding on the posts is deteriorating
- The fields at Mendakota have been good, with the last baseball/softball in-house tournament taking place this coming weekend
- This is his last meeting as he is resigning because of the demands of his professional and personal life
- He recognized all the projects that have taken place during the past six years

Ms. Lawrence commented that typically the height of the swings changes during the season as the woodchips are often pushed out of place. She noted that it is part of the staff inspection process at the parks. She believed that the padding was replaced within the last week.

Commissioner Weichert

- Enjoys the dog park and the community that is created by the users of the dog park

- Perhaps more benches could be added to the dog park
- Impressed by the users of Kensington and the great job people do picking up after themselves

Commissioner Schifsky

- The basketball court at Ivy Hills looks amazing, as it was recently poured
- Residents are excited about being able to use the new court
- The wildflowers around the pond look great
- Civic Center looks great, and people looked like they were having fun playing tonight
- Civic Center could use some mound and turf repairs

Commissioner Muller

- Her son has been fishing at Rogers Lake, and people of all ages enjoy fishing in the park
- The skate park has consistent use
- Friendly Hills has road construction, but the repaved paths are great
- Recognized the great work Commissioner Sherer has done on the Commission

Chair Blanks

- Valley Park looks amazing and is well-kept
- The Natural Resources Commission would like to collaborate at Valley Park
- Highlighted Music in the Park at Market Square
- Noted some missing chess pieces at Market Square

Ms. Lawrence stated that staff were made aware of missing pieces, and they did order replacements, which may have been installed.

Commissioner Toth

- Valley View residents appreciated the relocated restroom
- Wentworth was busy tonight and reported on different activities at the park being enjoyed by about 160 people
- Thanked Commissioner Sherer for his commitment and time over the past six years

Commissioner Van Lith

- His family enjoyed Victoria Highlands over the Fourth of July activities
- Marie Park continues to be well-used with pickleball

Chair Blanks thanked Commissioner Sherer for his contributions to the Commission.

**13. Adjourn**

*Motion Sherer/Second Toth to adjourn the meeting at 7:49 PM*

AYES 7: NAYS 0

Minutes drafted by:  
Amanda Staple  
*TimeSaver Off Site Secretarial, Inc.*



## Parks and Recreation Commission

**Meeting Date:** October 14, 2025

**Agenda Item:** Park Improvement Project Update

**Item Type:** Monthly Report

**Department:** Parks and Recreation

**Contact:** Meredith Lawrence, Parks and Recreation/Assistant Public Works Director

### Action Request:

None--Informational Only

### Background:

#### 2025 Projects

The City Council included the following projects in the FY2025 budget:

1. Ivy Hills Playground Replacement (2026 Completion)
2. Hagstrom King Park Connection Point (2026 Construction)
3. Friendly Hills Tennis Court Resurfacing (Completed)

As part of the Parks Maintenance budget, an infield renovation project for the Valley Park ballfield was completed.

#### Ivy Hills Park Basketball Project

The concrete pad for the new court was poured on June 18. The court lines were added and hoops installed at the site in late July. A landscaping plan was developed to try to provide a buffer between the properties on the West and East of the court and completion of landscaping work was done in August. Staff has received positive comments from the neighbors on the project and has seen the court being used.

#### 2026 Projects

The following items were included in the 2026 Preliminary Budget:

1. Wentworth Hockey Board Replacement
2. Wentworth Basketball Court Expansion
3. Valley Park Playground Replacement (pending grant funding)
4. Valley Park Picnic Shelter Refresh (pending grant funding)

The following items were requested, but not included in the 2026 Preliminary Budget:

- Dog Park Water Source Addition
- Tot Lot Water Source Addition
- Bocce Ball Court Addition

**Special Parks Fund Balance**

Currently, the Special Parks Fund is showing an estimated balance of approximately \$205,000 available as of September 1, 2025.

**Fiscal and Resource Impact:**

None.

**Attachments:**

None

**Item Relation to Commission Guiding Principles:**

Active Recreation Facilities for All





## Parks and Recreation Commission

**Meeting Date:** October 14, 2025

**Agenda Item:** Recreation Update

**Item Type:** Monthly Report

**Department:** Parks and Recreation

**Contact:** Willow Eisfeldt, Recreation  
Program Coordinator

### Action Request:

N/A- Informational Only.

### Background:

#### Upcoming Events

The annual Trick-Or-Teeing event is back on Saturday, October 18, from 4:00-6:00 PM at the Mendota Heights Par 3 Community Golf Course. Anyone is welcome to attend this free event, though it is geared towards children ages 13 and under with adult supervision. Staff are working to create a fun and safe event for all; organizing sensory bags for check-out, managing parking plans and releasing communication to the surrounding community about what to expect the day of the event.

The Makers Market will be held at Two Rivers High School on Saturday, November 8, from 9:00 AM-3:00 PM. This event is open to all and free to attend. The city expects to have 70+ vendors attending the market this year, expanding the market to fill the entire Two Rivers Gymnasium space this year. Staff have been strategic in accepting a wide variety of vendors to be in attendance, ranging from woodworking products, canvas art, knitted goods, and so much more. This event is in partnership with West St. Paul Parks & Recreation and ISD197 Community Education.

### New Programming

Staff have been working to add new programming that has been frequently requested by the community at a favorable quality. The following programs will be new to Mendota Heights Parks and Recreation this fall.

- 500 Club: Community members can meet at the Par 3 Community Clubhouse on Wednesdays starting October 23 from 10:00 AM-Noon to play the card game "500." This is a free event. Registration is recommended, so participants can receive email notifications in the event of a cancellation.
- Learn to Play Cribbage: This free program was developed to help community members

learn cribbage and build confidence by playing the game in a practice setting so they can join cribbage groups. Participants need to register online on the City's website.

- Winter Walking Group: Community members have requested that the walking group continue throughout the winter so they can continue seeing each other and being social during their walks. Walks will be every Thursday from 9am-10am at various locations throughout Mendota Heights. Register online to receive weekly meeting locations.
- Story Hour: This program will feature special community guests who will read to participants followed by a craft relating to the story. This is a free program, no registration is required.
- One-Time Indoor Programming Opportunities: These opportunities will take place on various days and times throughout the fall and winter. Programs will include teen programming such as learning to play Dungeons and Dragons and senior programming such as senior exercise classes. More information on these programs will be available by the beginning of November on the City's website.

**Fiscal and Resource Impact:**

N/A

**Attachments:**

None

**Item Relation to Commission Guiding Principles:**

Vibrant and Diverse Community Programming



## Parks and Recreation Commission

**Meeting Date:** October 14, 2025

**Agenda Item:** Par 3 Update

**Item Type:** Monthly Report

**Department:** Parks and Recreation

**Contact:** Trey Carlson, Recreation  
Facilities Coordinator

### Action Request:

Informational Item — No Action Requested

### Background:

#### Season Statistics

Month	2025	2024
March	307	261
April	2083	1923
May	3052	2664
June	3453	3395
July	3574	3093
August	4101	3089
September	2356	2095

### ForeUP Update

Staff has done a tremendous job keeping up with the online tee times as the Par 3 experienced a record-setting month in August with 4101 rounds. The end of September brings exciting news as well, as the course has officially eclipsed the previous year's round total with over 21,000 rounds and counting. The City's clubhouse staff have done an exceptional job handling the transitions through ForeUP this season. The round breakdowns are a direct reflection of their commitment to customer service and that all started back in March learning ForeUP one click at a time.

The following percentages of tee times were made online:

- March: 46%
- April: 44%
- May: 54%
- June: 52%

- July: 57%
- August: 56%
- September: 52%

### **Golf Course Conditions**

As the course continues to have blue skies and occasional rain, the course has continued to be lush in the late summer and early Fall. With beautiful weather continuing to be in the forecast there is not a date set for course closure. During September the course was both aerated and the greens verticut to give way for healthy, resilient grass leading into the winter. These processes lay the foundation for the following year's green conditions. Staff appreciate the public's understanding as the greens return to their typical playing condition.

### **Summer & Fall Event Update:**

- Heights Fest: Mini and Me Tournament (Recap)
  - In August, as part of the Heights Fest celebration, the Par 3 hosted the first Mini and Me Golf Tournament. There were seven teams that participated and competed in mini-games around the course in their quest to be crowned champions. Participants enjoyed the twists and cooled off with Root Beer floats to finish out the day. It was a good turnout the first year, and staff can't wait to build on it for years to come.
- Glow Golf (Recap)
  - 10 teams gathered on September 4 for a unique opportunity to play golf in the dark. Families and friends of all ages ascended on the course for an 8:30pm shotgun as they launched Glow in the dark golf balls through the night sky, aiming at light up flag sticks and greens surrounded by lights.
- One future program that the Recreation Update has already touched on is the Trick or Teeing event coming up this Saturday, October 18th. We hope to see you there!

### **Fiscal and Resource Impact:**

None

### **Attachments:**

None

### **Item Relation to Commission Guiding Principles:**

Active Recreation Facilities for All



## Parks and Recreation Commission

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**Meeting Date:** October 14, 2025

**Agenda Item:** Commission Work Plan Update

**Item Type:** Monthly Report

**Department:** Parks and Recreation

**Contact:** Meredith Lawrence, Parks and Recreation/Assistant Public Works Director

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**Action Request:**

None--Informational Only

**Background:**

Included is the Commission Work Plan that was approved by the Commission in March. In order to ensure progress, each month staff will provide an update to the Parks and Recreation Commission.

**Fiscal and Resource Impact:**

None.

**Attachments:**

1. PRC Planning Calendar 2025 092525

**Item Relation to Commission Guiding Principles:**

Sustainable Source of Funding for Parks and Recreation

A Leading Community with Invested Partners

Greater Connection to the Natural Environment

Vibrant and Diverse Community Programming

A Safe Connected and Walkable/Bikable Community

Active Recreation Facilities for All

Effective Two-Way Communication with an Informed Community

2025 STRATEGIC GOALS

ACTION ITEM	STRATEGIC INITIATIVE	RESPONSIBILITY	TIMELINE												
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	UPDATE
Implementation of Master Plan	All	Parks and Recreation Director													The Master Plan was accepted by the City Council on June 17 and the final draft is available on the City’s website. Staff is working on the Phase 1 plan and performance measures.
Long Term Sustainable Funding Source for Parks Infrastructure	Sustainable Funding Source for Parks and Recreation	Parks and Recreation Commission/City Council													Staff has completed a more detailed Capital Improvement Plan for Parks and the Par 3 that reflects the outcomes of the PSMP.
Completion of the ADA Transition Plan in Relation to Parks and Continued Accessibility Lens at Forefront	Active Recreational Facilities for All Ages	Parks and Recreation Director/Assistant City Engineer													An Open House will take place on Wednesday, October 15. The Final Plan will be presented to the City Council on Wednesday, November 5.
Diversify Programming Offered (Senior and Teen Programming)	Vibrant and Diverse Community Programming	Recreation Program Coordinator/Recreation Facilities Coordinator													Recreation Coordinators are working to provide more diverse programming for our community in 2025.
Increase Nature Based Recreation Programs and Events	Greater Connection to the Natural Environment	Recreation Program Coordinator													Recreation Program Coordinator and the Natural Resource Coordinator are collaborating on programming and events.
Increase the Usage of the Par 3 Community Golf Course for the Overall Benefit of the City as a Whole	Vibrant and Diverse Community Programming	Recreation Facilities Coordinator													The Recreation Facilities Coordinator has made this a priority for implementation in 2025 and 2026.
Continued Partnership and New Partnerships to Provide Additional Opportunities to Residents at a Reasonable Rate	A Leading Community with Invested Partners	Parks and Recreation Director/Recreation Program Coordinator/Recreation Facilities Coordinator													The Recreation Coordinators are working to continue strong relationships with existing partners. The Parks and Recreation Director will continue to seek out potential new partnerships and opportunities as they arise.
Development of a Donation Policy for Parks and Recreation	All	Parks and Recreation Director/Recreation Program Coordinator													Staff will present the donation policy for consideration by the Parks and Recreation Commission on November 12.
Increase Community Involvement and Engagement with Residents	Effective Two-Way Communication with an Informed Community	Commissioners													
Continued Success of the Volunteer in the Parks (VIP) Program	All	Commissioners and Staff													The annual Volunteer Program Update was provided to the City Council in February. Staff continue to seek volunteers for events where additional help is needed.



## Parks and Recreation Commission

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**Meeting Date:** October 14, 2025

**Agenda Item:** Park System Master Plan Update

**Item Type:** Monthly Report

**Department:** Parks and Recreation

**Contact:** Meredith Lawrence, Parks and Recreation/Assistant Public Works Director

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**Action Request:**

None--Informational Only

**Background:**

The City of Mendota Heights completed a Park System Master Plan in 2025. The purpose of the Master Plan is to establish a clear, 15-year vision for all Mendota Heights parks, open and public spaces. This vision will guide all future maintenance, improvements and potential development within the park system to ensure Mendota Heights parks and services are well positioned to meet both current and future community wants and needs.

The City Council accepted the plan on June 17 and the final document is available on the City's website. If Commissioners would prefer a paper copy of the plan, please let staff know and a plan can be printed and compiled.

**Fiscal and Resource Impact:**

None.

**Attachments:**

None

**Item Relation to Commission Guiding Principles:**

Sustainable Source of Funding for Parks and Recreation

A Leading Community with Invested Partners

Greater Connection to the Natural Environment

Vibrant and Diverse Community Programming

A Safe Connected and Walkable/Bikable Community

Active Recreation Facilities for All

Effective Two-Way Communication with an Informed Community



## Parks and Recreation Commission

**Meeting Date:** October 14, 2025

**Agenda Item:** Ivy Hills Playground Replacement Recommendation

**Item Type:** Action Item

**Department:** Parks and Recreation

**Contact:** Meredith Lawrence, Parks and Recreation/Assistant Public Works Director

### Action Request:

If the Parks and Recreation Commission concurs, it should, by motion, make a recommendation to the City Council regarding the playground replacement for Ivy Hills Park.

### Background:

In early January, the Parks and Recreation Commission established a subcommittee that met with staff and developed criteria for an RFP (Request for Proposals) to solicit proposals to replace the existing playground. The Parks and Recreation Commission reviewed the RFP at their January work session and the consensus of the members present agreed with the scope of the project. The City Council reviewed the RFP at their January 21 meeting and asked for changes. The City Council then formally approved the RFP at their February 4, 2025 meeting.

Staff invited reputable playground contractors to submit responses and use their professional expertise and creativity to develop a unique play structure plan within the budget. The City received six proposals from five different qualified vendors. Staff notified the subcommittee of the number of proposals received and the subcommittee reviewed the proposals and narrowed down the proposals to four to begin community engagement. The Parks and Recreation Commission reviewed the proposals and made a recommendation to the City Council to move forward with a proposal from Webber Recreation.

Staff presented the playground proposal recommended by the Parks and Recreation Commission to the City Council at their May 20 meeting. The City Council approved the rejection of the bids and asked staff to develop a new RFP based on their desired change in scope for the project.

A new RFP was developed based on the information the City Council requested be added to the scope of the project including the following: a bid alternate for an accessible swing, the requirement of pour in place surfacing for all accessible features, and an increase in budget for



the project by \$20,000.

The City received six proposals (five base bids and one alternate bid) from four reputable vendors. Based on the extensive feedback already received and the Council's direction on moving this project forward, the subcommittee was disbanded and a staff committee was developed to narrow down the projects to three for the Parks and Recreation Commission to review. The staff subcommittee has reviewed the proposals and elected to bring all options to the Parks and Recreation Commission to make a formal recommendation to the City Council. With rebidding this project, the new playground installation will occur in the Spring of 2026.

In order to have a productive meeting on this topic, the packet has been released in advance of the normal meeting notice to give Commissioners additional time to review the item and proposals received. All Commissioners should email their 1st, 2nd, and 3rd playground preferences to the Parks and Recreation Director by 8:00am on October 13, which will then be compiled to begin the discussion at the meeting. The six proposals include the following options:

1. Flagship Recreation
2. Flagship Recreation (Bid Alternate)
3. Midwest Playscapes
4. Northland Recreation
5. Webber Recreation Proposal #1
6. Webber Recreation Proposal #2

Staff has worked with the vendors to ensure proposal criteria are met and all vendors have agreed to hold their bid price until November 1, 2025. It is important to note each of the playgrounds can be constructed out of colors different than appear in the photos, so the Commissioners should focus on the features first and foremost, understanding the colors can be changed upon recommendation to the City Council.

**Fiscal and Resource Impact:**

The City Council authorized the RFP to include a not to exceed amount of \$200,000 for the base bid.

**Attachments:**

1. Ivy Hills RFP after Rejection 062525
2. Flagship Recreation (Base+Bid Alternate)
3. Midwest Playscapes
4. Northland Recreation
5. Webber #1
6. Webber #2

**Item Relation to Commission Guiding Principles:**

Active Recreation Facilities for All



# **City of Mendota Heights**

## **REQUEST FOR PROPOSALS**

### **IVY HILLS PARK PLAYGROUND REPLACEMENT**

**645 Butler Avenue**

**Mendota Heights, MN 55118**

**PROPOSAL DEADLINE: August 28, 2025 • 10:00am**

Released: July 16, 2025

## **Section 1: General Information**

### **1). Contract Administration**

All correspondence regarding this Request for Proposals (RFP) and the proposed services must be addressed to:

Meredith Lawrence, Parks and Recreation Director/Assistant Public Works Director  
City of Mendota Heights  
1101 Victoria Curve  
Mendota Heights, MN 55118  
Phone: 651-255-1354  
Email: [mlawrence@mendotaheightsmn.gov](mailto:mlawrence@mendotaheightsmn.gov)

Submission must be sent by email. One hard copy PDF of the proposal and any relevant attachments (including a display poster board) should be sent to the mailing address above and be received prior to the proposal deadline.

### **2). Tentative Timeline**

Due Date: 10:00am on August 28, 2025 (includes both digital and physical submission)

Review by Parks and Recreation Commission on or before October 14, 2025

City Council Approval of Project on or before October 21, 2025

Notification of Award on or before October 24, 2025

Playground should be installed as soon as possible after signed contract.

### **3). Acceptance of Proposals Contents**

The contents of this RFP and the proposal will become contractual obligations if a contract ensues. Failure of the consultant to meet these obligations may result in cancellation of the award. All information in the proposal is subject to disclosure under the provisions of Minnesota Statutes Chapter 13—Minnesota Government Data Practices Act. By submitting a proposal, notwithstanding the provisions of Minnesota Statutes § 13.591, subd. 3(b), Respondents acknowledge that their proposals will be made public in their entirety to further the vital decision-making process included in the consideration of proposals. By submitting a proposal, Respondents consent to this data disclosure and waive any claim against the City of Mendota Heights regarding the disclosure of the data pursuant to Minnesota Statutes § 13.08.

## **Section 2: Project Overview**

### **1). Project Overview and Purpose**

The purpose of the RFP is to obtain site plan design and quotes to include demolition and disposal of current playground equipment, any necessary sitework, an expanded container, playground equipment, inclusive play features, poured-in-place rubber and engineered wood fiber surfacing including installation for the playground site at Ivy Hills Park, 645 Butler Avenue, Mendota Heights, MN 55118. The Parks and Recreation Department is challenging Respondents to use their professional expertise and creativity to develop a unique play structure.

### **2). Owner**

The City of Mendota Heights is the Owner. All work shall be on public property. The contractor shall, at all times, confine operations to stay within the limits of the property. Any repairs or restorations

required outside the property limits due to the contractor's carelessness shall be repaired by the contractor at their expense.

## Section 3: Proposals

To be considered, each Respondent must submit a complete response to this RFP, using the format provided. The proposal must be signed in ink by an official authorized to bind the submitter to its provisions. The proposal must include a statement as to the period during which the proposal remains valid. This period must be at least one hundred forty (140) days from the due date for this proposal. Respondents shall include one digital and one hard copy of their proposal document. Respondents may submit up to two proposals/designs.

### 1). Specifications

- A. The structure shall meet and comply with all current ADA Legislation and ASTM F1487 and include demolition and disposal of current playground equipment (options of reuse off-site of existing equipment should be noted in proposal), any necessary sitework, an expanded container and playground footprint, playground equipment with inclusive features, poured-in-place rubberized and engineered wood fiber surfacing including installation for the playground site.
- B. All equipment must meet age-related design criteria suitable for 2-5-year olds and 5-12 year olds and be IPEMA certified.
- C. The recycled wood timber container expansion must be included to meet the design of the updated enclosure attached and match the color and style of the existing container timbers to remain. The existing container does not need to be completely replaced but must have portions replaced to ensure it meets ADA requirements and safety standards. It is anticipated that the existing container timbers to be replaced will be salvaged from the existing infrastructure; however, container replacement may require select timbers to be furnished by the contractor if salvaged timbers are deemed unusable or are insufficient to meet any modified measurements of the container.
  - a. To allow for adequate playground access space meeting current ADA requirements for a pedestrian ramp, the existing bituminous surface access shall be removed and replaced with a concrete pedestrian ramp. Bituminous surface removal limits shall be limited to only what is necessary to remove to achieve ADA compliance within the pedestrian ramp but may require removals up to the connecting trail system through Ivy Hills Park.
- D. The City requires Respondents to include the following features when developing renderings:
  - a. At least five swings that may include any of the following types:
    - i. Parent/child swing
    - ii. Belt swings (minimum of 2)
    - iii. Toddler swing
    - iv. Multi-user swing or arch swing with sensory seat
  - b. A merry-go-round or similar feature that an individual can fully utilize without transferring from a wheelchair
  - c. A dramatic play element
  - d. A communication board
  - e. At least two slides
  - f. At least two vinyl coated steel benches with backs anchored in the ground within the container area. Retaining and reinstalling the two existing blue playground benches is acceptable. If new vinyl coated steel benches are selected for use, the two existing blue playground benches shall be removed from the site.

- g. Poured-in-place surfacing shall be included to access all-inclusive features. Engineered wood fiber surfacing shall be utilized through the remainder of the playground container.
- E. Respondents are required to include in their playground design features that provide opportunities for improved balance, coordination, upper body strength, lower body strength and imagination for users of all ages (monkey bars, pull-up bars, large slides).
- F. Wear pads must be installed below the bottom of slides and swings.
- G. The playground container is currently 3,815 square feet. The new playground will be increased to 4,472 square feet. The attached map outlines the container space available for expansion in green and pink.
  - a. Expansion of the northeast section of the playground container is anticipated to require saw cutting and removal of a portion of the existing concrete pad used for bicycle storage and trash collection to better align the container's perimeter with the adjacent trail system. The anticipated concrete removal limits can be seen on the attached playground map.
  - b. It is not a requirement that the sandbox remains. Thus, Respondents are welcome to propose using that space for different features within the playground design.
  - c. Respondents have the option to show creativity in response to the container's contents and/or shape. Due to in place infrastructure, expansion to the southwest is prohibited. Any additional expansions beyond that shown should not infringe within the drip line of existing trees.
- H. The site shall have signage information provided appropriate to the structure/area. If signage includes photos of individuals, the photo must include a diverse group of users.
- I. All plastic and coating products must be UV and color stabilized to resist fading.
- J. Supplier must be able to provide a tool kit for fasteners, parts manual (both hard copy and electronic) and a touch up paint kit for all structure colors.
- K. All parts must have a corrosion resistant finish and be capped on the top end.
- L. All metal decks must be manufactured from sheet steel conforming to ASTM specification A-569 and be finished with a vinyl coating.
- M. All connecting hardware used must be zinc plated or stainless steel, free of protrusions, vandal resistant and have a tamper proof design. A service kit for tamper proof fasteners must also be provided.
- N. The color pallet for the playground is requested to portray bright colors.
- O. ALTERNATE A – In lieu of the merry-go-round or other feature for wheelchair use without an individual transferring from their chair, an inclusive swing shall be identified for both space and cost. This alternate shall be allowed to exceed the identified playground budget limitation and shall include the deduction price of the alternate wheelchair inclusive feature.

## 2). Submission Requirements

Each of the following items shall be considered an integral part of the contractor's proposal and shall be submitted to the City on or before the date and time as stated:

1. One copy of a completed and signed Proposal Form.
2. A list of all base materials
3. A list of all equipment included in the plans, with quantities.
4. One display board to be used for in-person engagement meetings
5. One copy of a play area equipment layout drawing to scale showing layout, safety zones, accessibility, border and outside dimensions.
6. One bound notebook or plan size sheet of all components and features specific to the project.
7. One complete copy of all warranty information.
8. The contractor shall indicate all deviations from the specifications.

9. Provide a letter from the manufacturer or an independent consulting firm stating all equipment meets the current ASTM F1487 standards
10. Estimated timeline for construction.
  - a. The installation of the entire playground must be completed by paid professional staff. Any deviation from the use of paid professional installers must be approved by the Parks and Recreation Director.
11. Documentation that all equipment quoted is covered by product liability insurance.

### **3). Project Budget**

The fee proposal must not exceed \$200,000 and must include all elements associated with the project, including procurement of all documents, demolition of existing equipment, new container materials and installation for area of expansion, installation of replacement recycled wood timbers in areas where unsafe, surfacing, structures, delivery, installation, construction permits, taxes and service charges. Each firm is requested to provide the maximum amount of play activities for that fee.

### **4). Proposal Receipt**

Proposals must arrive at the Mendota Heights City Hall, 1101 Victoria Curve, Mendota Heights, MN 55118 on or before 10:00 AM on Thursday, August 28, 2025.

## **Section 4: Playground Regulatory Compliance**

Each playground proposal must meet the following regulatory compliance requirements:

1. All equipment provided and all areas around and between equipment must comply with the most current Consumer Product Safety Commission (CPSC) guidelines and The American Society for Testing and Material (ASTM) standards. It is the responsibility of each bidder and manufacturer to be aware of these guidelines. Please list all deviations where your proposal does not comply and explain each in detail when submitting the proposal. Equipment that requires intensive labor measures or modifications, after installation, such as the cutting of bolts, to bring equipment into conformance with CPSC and ASTM will not be accepted. As recommended by CPSC, a project specific maintenance manual shall be provided at the end of the project.
2. The entire playground must meet the current requirements of the Americans with Disabilities Act and ASTM F1487.
3. All equipment must be IPEMA certified.
4. All surfacing materials must meet current CPSC guidelines, ASTM F1951 and ASTM F1292 standards, as well as be IPEMA certified.
  - a. Once installation is complete on all equipment, the supplier must provide a formal safety audit of the installed equipment. The audit must document that equipment meets all current standards listed above. Final payment for the structure, payment for base materials and installation will not be processed until after the safety audit inspection and document has been completed and delivered from a certified playground inspector. CPSI documentation must be included.

## **Section 5: Proposal Selection**

Responses to this RFP will be evaluated based on the following process:

1. Staff will review the firm's response to the RFP and determine if the proposal meets all criteria for consideration.
2. A Parks and Recreation staff subcommittee will narrow down the complete proposals to the top three designs to be reviewed by the Parks and Recreation Commission.

3. The Parks and Recreation Commission will review the top three playground renderings determined by the staff subcommittee and make a recommendation to the City Council on the desired playground for the park.
4. City staff will present the Parks and Recreation Commission's recommendation to the City Council for a final decision.

### **1). Award of Contract**

The City of Mendota Heights will award one contract for this entire project to the Respondent who submits a proposal that meets all performance and required criteria as set forth by this RFP.

## **Section 6: Proposal and Project Terms and Conditions**

The following terms and conditions apply to this RFP and to the Project:

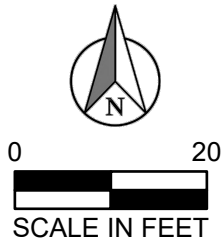
1. The City of Mendota Heights is not liable for any cost incurred by the prospective firms prior to the signing of the contract.
2. The contents of this proposal will become contractual obligations if a contract ensues. Failure of the selected consultant to accept these obligations may result in cancellation of the award.
3. The City of Mendota Heights reserves the right to award the total proposal, to reject any and all proposals in whole or in part, and to waive any informality or technical defects, in the City's judgment. In determination of award, the qualification of the proposal submitter, the conformity with the specifications of services to be supplied and delivery terms will be considered.
4. The city assumes no responsibility or liability for costs incurred by Respondents prior to the submission of a proposal. Total liability of the City of Mendota Heights is limited to the terms and conditions of this RFP.
5. The successful Respondent will be required to furnish appropriate certificates of insurance as part of the final contract negotiations.
6. The contractor shall pay all sales, consumer, use and other taxes required to be paid by them in accordance with the law of the place where the work is to be performed.
7. The contractors shall provide and maintain all necessary temporary enclosures and barricades to adequately protect the work and materials from the elements and persons not involved with construction. The contractor shall remove all temporary enclosures, barricades and fences upon completion of the work.
8. The contractor shall provide for and be responsible for protection of existing pavements, utilities, fencing, etc. In general, all existing materials, surfaces, sod, etc., to remain which are affected by the work shall be repaired and restored to an original and functional condition.
9. Before making any shipment of materials to the site, the contractor shall ascertain whether the site is in a condition to receive the shipment. Where this provision is neglected and material is delivered to the site when the latter is not in condition to receive it, such materials shall be properly stored elsewhere at the contractor's expense and adequate insurance coverage provided for off-site storage.
10. The contractor shall provide storage as required to protect and preserve all materials stored at the site. Materials are not to be stored directly on the ground. Storage of materials is to be confined to areas designated by the City. The city will not sign for or be responsible for materials delivered to the site.
  - a. Equipment delivered early will not be paid in full. Full payment of structure and installation will be paid when installation is complete and a compliance audit has been received.

11. Working hours shall be from 7:00am- 8:00pm on Monday-Friday and 9:00am-5:00pm on Saturday and Sundays.
12. All work areas shall be returned to a condition equal to or better than was in existence at the beginning of the project. All construction debris, including excavated soil, shipping materials including cardboard, pallets, etc. shall be removed and disposed of in a manner satisfactory to the City.



Ivy Hill Playground

Date: 1/9/2025







# IVY HILLS PARK

## PLAYGROUND REPLACEMENT PROPOSAL

CITY OF MENDOTA HEIGHTS

# FIRSTLY --- THANK YOU --- FOR CONSIDERING US!

We appreciate you taking the time to consider Flagship Recreation for the design and construction of the Ivy Hills park playground in Mendota Heights.

As a Woman-Owned business with a strong reputation for excellence in play design and construction, we would love to partner with you to create this playground as a space for people to come together and play!

**Emily Maloney**  
Sr. Sales Consultant - East Metro MN  
Emily@flagshipplay.com  
763-550-7860





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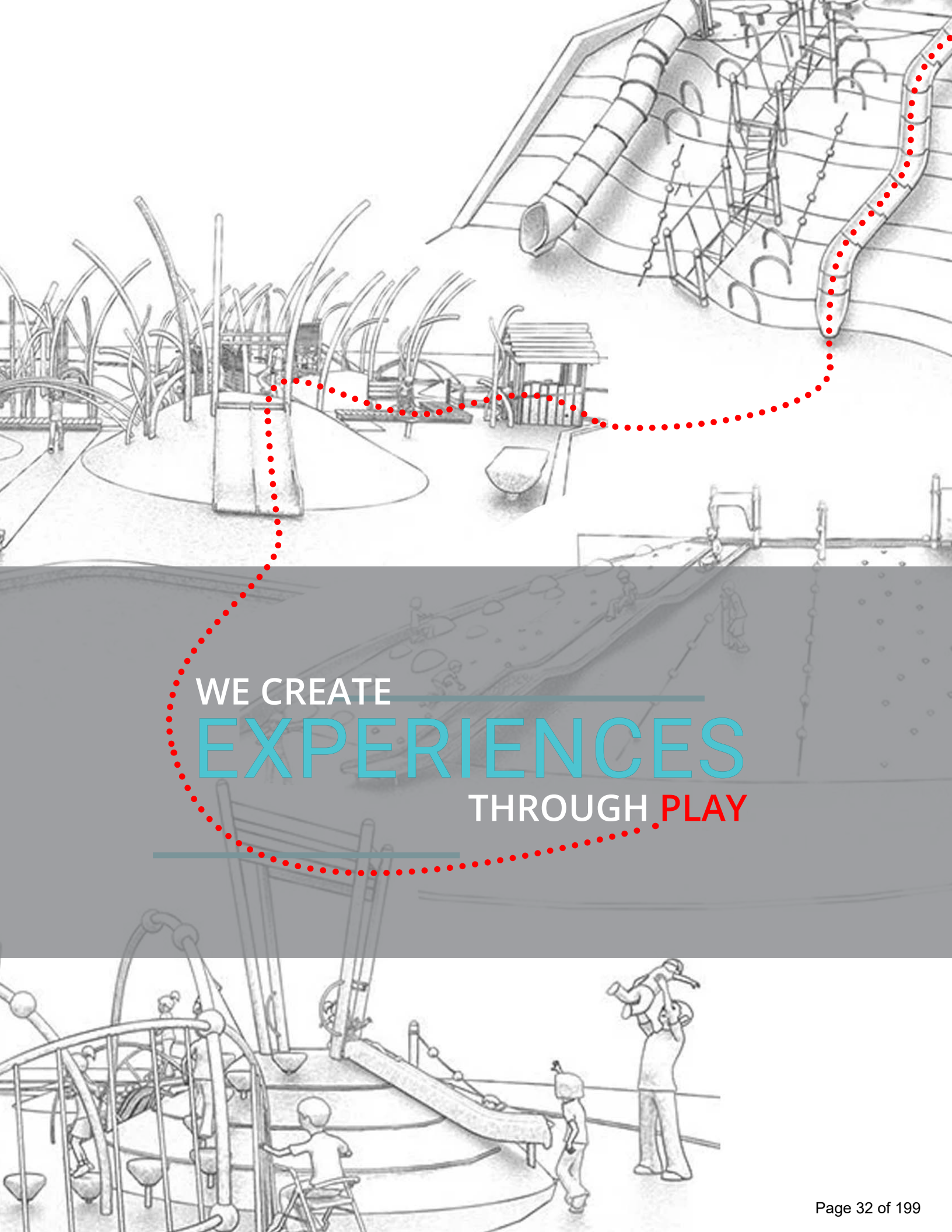
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WE CREATE

EXPERIENCES

THROUGH PLAY

# 1 FLAGSHIP RECREATION

## WHY CHOOSE US?

Flagship Recreation is a Woman - Owned, locally owned and operated business that installs Minnesota manufactured equipment. Owner, Kelly Simich, acquired the company in 2016 and has been creating innovative play areas since.



FULL SERVICE  
DESIGN



TURN-KEY  
INSTALLATION



MN  
MANUFACTURED  
EQUIPMENT



LONG TERM  
RELATIONSHIPS





# FULL TURN-KEY SERVICE



## DESIGN

### And iterate until we get it right

An iterative, customized design process helps to optimize each dollar you spend.



## MANUFACTURE

### Local, local, local

Streamlined order process and local, Minnesota manufacturing gets you your equipment faster.



## SITE

### PREPARATION

#### Removals, excavation and grading

We can prepare your site for you or we can coordinate with your chosen general contractor for seamless integration of services.



## INSTALLATION

### Certified, local teams

A highly managed construction process with Landscape Structures certified installation teams means you get playing faster. Design, sales, and construction teams are all CPSI certified.



## PLAY!

### 3...2...1...GO!

We leave you with an environment that fosters learning, promotes growth and allows EVERYONE to experience play.





# OUR PARTNERS

In delivering turn-key service



## WE HAVE YOUR WHOLE SITE COVERED



INCLUDING MULTIPLE SURFACING VENDORS & MORE!



## 2 OUR PROJECT TEAM



EMILY MALONEY

Sr. Sales Consultant -  
East Metro MN

Education:

University of Minnesota; Bachelor of Civil  
Engineering (EIT) 2006  
Hamline University; Master of Business  
Administration 2011

Experience:

16 Years of Design & Engineering experience  
Flagship Recreation since 2019  
CPSI



MIKE RAYMOND

Construction Manager & Sales  
Consultant

Experience:

25+ years of Project Management and  
Forecasting  
Flagship Recreation since 2018  
Relevant Project Experience:  
Over 500+ projects with Flagship  
recreation  
CPSI



JAQUI THUNBERG

Lead Designer &  
Project Coordinator

Education:

University of Minnesota – Twin Cities;  
Bachelor of Design in Architecture 2013

Experience:

Flagship Recreation since 2015  
CPSI



ALEXANDRA OLSON

Designer &  
Project Coordinator

Education:

University of Minnesota-Twin Cities;  
Masters of Landscape Architecture 2017

Experience:

Over 5 years of background in landscape  
design, park planning, special education  
and natural play designs.  
Flagship Recreation since 2022  
CPSI



## 3 | SIMILAR PROJECTS AND CLIENT REFERENCES

### FEATURING

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- ◇ PLAYGROUND EXAMPLES  
(MORE AT [HTTPS://WWW.FLAGSHIPPLAY.COM/OUR-PORTFOLIO](https://www.flagshipplay.com/our-portfolio))
- ◇ CLIENT REFERENCES





Newport - Busy beaver Park

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Lake Elmo - Pebble Park

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Saint Paul - Assembly Union Park

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Washington County - St Croix Bluffs

---





McGregor - Mille Lacs Band of Ojibwe Headstart

---



Saint Paul - Dunning Park

---





Saint Paul - Wacouta Commons

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## CLIENT REFERENCES

### **Jim Taylor**

Parks Superintendent, Roseville  
Parks and Recreation  
[jim.taylor@cityofroseville.com](mailto:jim.taylor@cityofroseville.com)

### **Carissa Goebel**

Recreation Supervisor, City of  
Brooklyn Center  
[cgoebel@ci.brooklyn-center.mn.us](mailto:cgoebel@ci.brooklyn-center.mn.us)

### **Alice Messer**

Manager, Design and Construction  
City of Saint Paul  
[Alice.Messer@ci.stpaul.mn.us](mailto:Alice.Messer@ci.stpaul.mn.us)

### **Jerome Krieger**

Senior Parks and Recreation  
Manager, City of Blaine  
[JKrieger@blainemn.gov](mailto:JKrieger@blainemn.gov)

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## 4 | IVY HILLS PLAYGROUND

### FEATURING

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- ◇ INTEGRATED SHADE
- ◇ MULTI-USER SENSORY FRIENDLY SWING
- ◇ INCLUSIVE ROLL-ON WE-GO-ROUND
- ◇ SENSORY FRIENDLY MUSIC COMPONENTS



\*COLORS NOT SET AND CAN STILL BE CHANGED



landscape  
structures

Ivy Hills

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\*COLORS NOT SET AND CAN STILL BE CHANGED



landscape  
structures

Ivy Hills

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*landscape*  
structures

Ivy Hills

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\*COLORS NOT SET AND CAN STILL BE CHANGED



*lms* landscape  
structures

Ivy Hills

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landscape  
structures

Ivy Hills

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OUR COLLECTION OF PLAYGROUND COLORS FEATURES NATURE-INSPIRED SHADES, URBAN TONES, PLAYFUL HUES AND EVERYTHING IN BETWEEN. LET US HELP YOU FIND YOUR PALETTE!



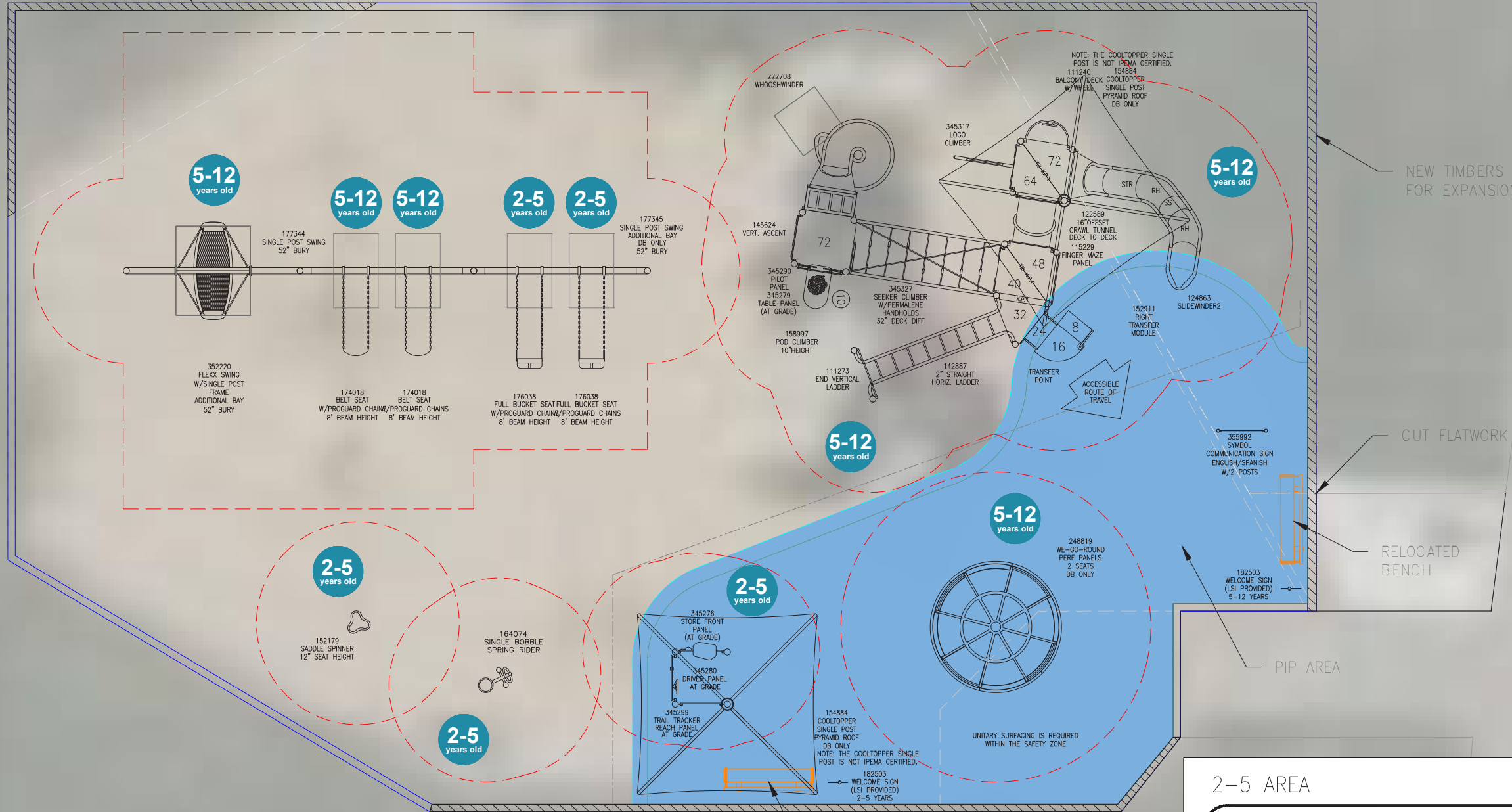


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- \*\*SITE PREPARATION REQUIREMENTS:**
- MAXIMUM OF 1% GRADE CHANGE ACROSS CONTAINER
  - NO PRE-INSTALLED DRAIN TILE OUTSIDE OF 4 FEET OF PERIMETER
  - DRAIN TILE STUB TO BE PROVIDED IF DRAIN TILE IS REQUIRED
  - NO DRAINAGE AGGREGATE PRE-INSTALLED
  - NO FABRIC PRE-INSTALLED
  - MINIMUM CONTAINER SIZE NEEDED DENOTES THE INSIDE OF CURB DIMENSION

CONTAINER DETAILS	
TOTAL CONTAINER AREA	4275 SF
ASTM SAFETY SURFACING TYPE	ENGINEERED WOOD FIBER AND POURED IN PLACE
TOTAL EWF AREA	3213 SF
TOTAL PIP AREA	1062 SF
TOTAL PERIMETER	270 LF
FLATWORK REMOVAL	21 SF
EDGING TYPE	COMPOSITE TIMBERS
FINISH GRADE	TOP OF CURB

NEW TIMBERS FOR EXPANSION



NEW TIMBERS FOR EXPANSION

CUT FLATWORK

RELOCATED BENCH

PIP AREA

RELOCATED BENCH

NEW TIMBERS



**2-5 AREA**

TOTAL ELEVATED PLAY COMPONENTS	0	
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED 0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	0	REQUIRED 0
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	7	REQUIRED 0
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	6	REQUIRED 6

**5-12 AREA**

TOTAL ELEVATED PLAY COMPONENTS	10	
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED 0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	5	REQUIRED 5
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	5	REQUIRED 3
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	4	REQUIRED 4



FLAGSHIP RECREATION  
11123 UPPER 33RD ST N  
LAKE ELMO, MN 55082  
763-550-7860  
FLAGSHIPPLAY.COM  
@FLAGSHIPPLAY



THIS PLAY AREA & PLAY EQUIPMENT IS  
DESIGNED FOR AGE RANGES AS NOTED  
ON PLAN.

IVY HILLS  
PLAYGROUND

645 Butler Ave,  
Mendota Heights, MN

SALES  
REPRESENTATIVE:  
EMILY MALONEY

DESIGNED BY:  
AO  
8/25/25

1/4" = 1'-0"

SHEET  
**LS101**





City of Mendota Heights  
1101 Victoria Curve  
Mendota Heights, MN 55118  
Meredith Lawrence, Parks & Recreation Director

PRELIMINARY BUDGET - THIS IS AN ESTIMATE & NOT A FORMAL QUOTE\*

	Preliminary Budget	Possible Additions	Possible Reductions	QTY	Notes
Play Equipment					
Ivy Hills Park,EM706IHP427545896	124,510.00				2025 State Contract Price
--	(12,451.00)			10%	MDF Discount
Sales Tax - if applicable	0.00				ST3 Certificate of Exemption must be provided by owner.
Delivery of Play equipment	2,296.50				Estimated / Final quote will be provided upon final design.
Mobilization	750.00				Mobilization of Installation Crew to Job Site (Trailer Skid Steer Augur, Tools, Mixer, Etc.)
Dumpster(s) - 30 Yard	750.00				Disposal of packaging material
Site work					
Excavation (new container)	849.42			631	Excavation & Footing Spoils Redistributed or Piled Neatly On Site
Demo of Existing Equipment & Excavation (existing container)	8,175.64			3,644	Removal of Existing Equip & Excavation of Surfacing
Hauling of Excavated Material (CY)	3,465.38			159	Trucking costs to remove material from the project location to the disposal site
Disposal of Excavated Material (CY)	3,465.38			159	Cost to dispose of material at approved site
Border Options					
Composite Timber Package of 25 (4"x4"x8')	4,916.50			2	Installed "On Grade" (Not Buried)
Equipment Installation (Labor & Concrete for Footings)	22,581.75			20.15%	Full professional installation by Landscape Structures Certified Installers. <b>Standard labor rate unless otherwise noted</b>
Special Equipment (Lull, Lift, Compactor, etc.)	1,602.56				Rental - Req'd for Shade Fabric, Roofs, etc.
Concrete Flatwork					
Concrete Flatwork (Sq. Ft.)	0.00			0	4" thick concrete
Sawcut of Existing Flatwork	256.41			10	Sawcut of existing flatwork to align play container
Subgrade Prep & Engineered Wood Fiber Surfacing (EWF)					
Geotextile Fabric (Sq. Ft.)	0.00			0	NOT INCLUDED
EWF - Playground Safety Surfacing (CY)	6,261.53			139	IPEMA Certified Meets ASTM, ADA & CPSC
EWF Freight	1,155.00				
Rubber Wear Mats	1,819.99			7	Rubber Wear Mats - Installed AFTER Playground Wood Fiber
Subgrade Prep & Poured In Place (PIP) or Turf Surfacing					
Compacted Aggregate Base (Recycled Concrete or Class 5) (Tons)	2,828.19			42	Class 5 Agg w/ Fines or Recycled Concrete, Material & Install 4" - 6" Compacted <b>Required for PIP &amp; Turf Installations</b>
Drainage Allowance (LF)	1,120.00			70	Draintile Wrapped w/ Clear Agg or Other to Assist in Draining Tranistion Area from PIP to EWF
Poured In Place Rubber Surfacing (Sq. Ft.)	25,643.76			1,062	50/50 mix of Standard Colors/Black Speckled (Designs & Premium Colors Extra). Installing poured in place adjacent to timbers may create a gapping issues adjacent to the timbers as freeze/ thaw cycles occur. Best results occur when poured in place is installed adjacent to an excavated concrete container. Flagship Recreation will not be held liable for material pulling away from composite timbers within the accepted warranty period.
Chain Link Construction Fence (8' x 8' Panels)	0.00			0	Temporary Construction Fence, Locked Gate, Traffic Control - Cones, Signage, etc. <b>Not Included</b>
Security Guard	0.00			0	24 Hr Site Security req'd during Installation & Cure Time. Cure Times vary with weather and thickness. Defects or damage due to trespass before sufficient cure time will not be covered by warranty. <b>Flagship Rec not licensed for Security Services.</b>
Site Restoration (Sq.Ft.)	0.00			0	Backfilling Req'd to Stabilize Border - <b>Not Included</b>
Payment & Performance Bonds	0.00				Included By Request
Preliminary Total		Additions Total	Reductions Total		Total w/ Additions & Reductions
	199,997.02	0.00	0.00		199,997.02
*FORMAL QUOTE AVAILABLE UPON PROJECT ACCEPTANCE					



# 5 | IVY HILLS ALTERNATE

## FEATURING

- ◇ INTEGRATED SHADE ON STRUCTURE
- ◇ MULTI-USER SENSORY FRIENDLY SWING
- ◇ ROLL-ON WHEELCHAIR ACCESSIBLE SWING
- ◇ SENSORY FRIENDLY MUSIC COMPONENTS







\*COLORS NOT SET AND CAN STILL BE CHANGED

landscape  
structures

Ivy Hills Alt

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\*COLORS NOT SET AND CAN STILL BE CHANGED



*landscape*  
structures

Ivy Hills Alt

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OUR COLLECTION OF PLAYGROUND COLORS FEATURES NATURE-INSPIRED SHADES, URBAN TONES, PLAYFUL HUES AND EVERYTHING IN BETWEEN. LET US HELP YOU FIND YOUR PALETTE!





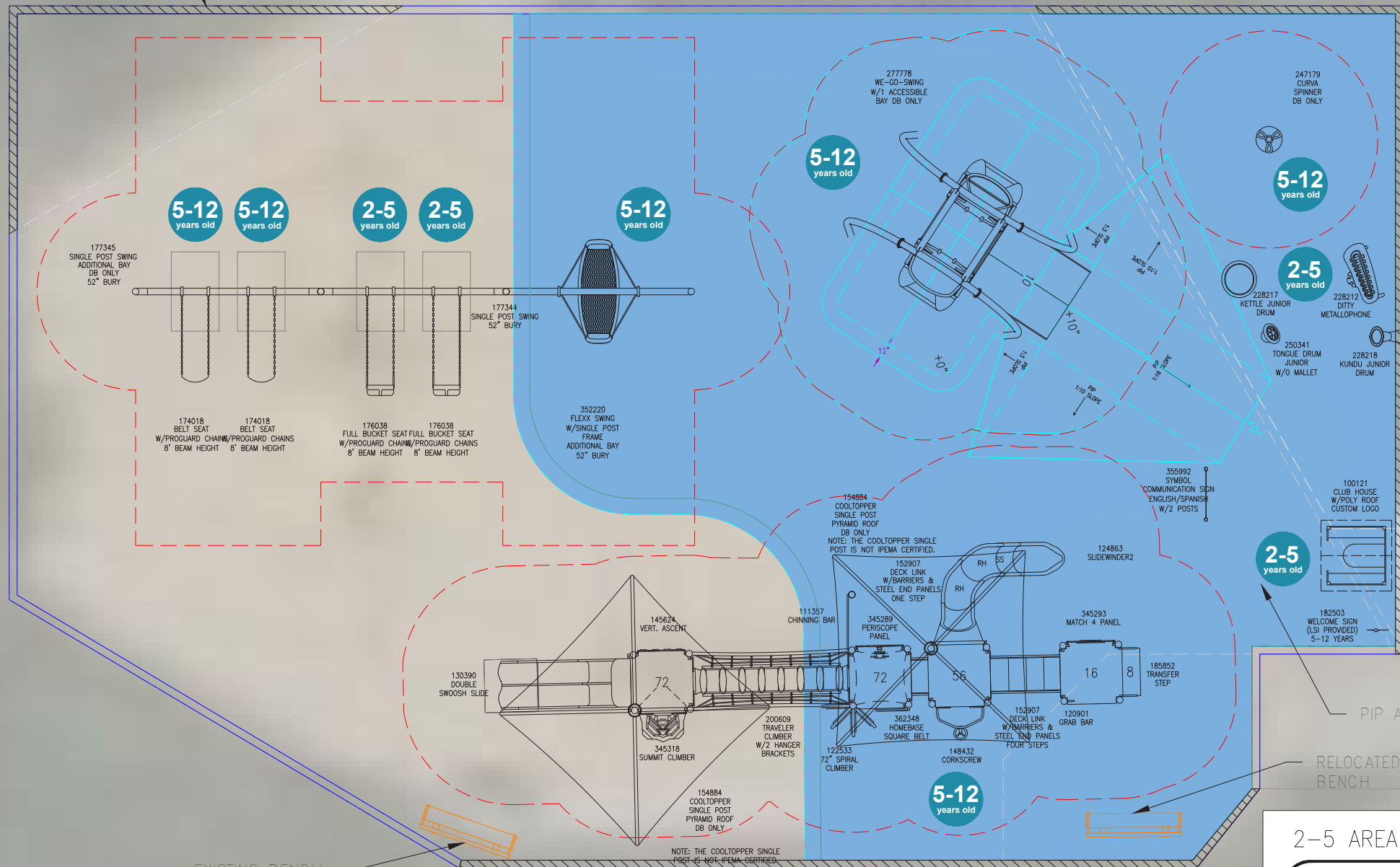
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SCALE IN FEET:



NEW TIMBERS  
FOR EXPANSION



EXISTING BENCH

NEW TIMBERS

**\*\*SITE PREPARATION REQUIREMENTS:**

- MAXIMUM OF 1% GRADE CHANGE ACROSS CONTAINER
- NO PRE-INSTALLED DRAIN TILE OUTSIDE OF 4 FEET OF PERIMETER
- DRAIN TILE STUB TO BE PROVIDED IF DRAIN TILE IS REQUIRED
- NO DRAINAGE AGGREGATE PRE-INSTALLED
- NO FABRIC PRE-INSTALLED
- MINIMUM CONTAINER SIZE NEEDED DENOTES THE INSIDE OF CURB DIMENSION

**CONTAINER DETAILS**

TOTAL CONTAINER AREA	4275 SF
ASTM SAFETY SURFACING TYPE	ENGINEERED WOOD FIBER AND POURED IN PLACE
TOTAL EWF AREA	1843 SF
TOTAL PIP AREA	2432 SF
TOTAL PERIMETER	270 LF
FLATWORK REMOVAL	21 SF
EDGING TYPE	COMPOSITE TIMBERS
FINISH GRADE	TOP OF CURB

NEW TIMBERS  
FOR EXPANSION

CUT FLATWORK

**2-5 AREA**

TOTAL ELEVATED PLAY COMPONENTS	0	
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED 0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	0	REQUIRED 0
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	7	REQUIRED 0
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	6	REQUIRED 6

**5-12 AREA**

TOTAL ELEVATED PLAY COMPONENTS	9	
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED 0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	5	REQUIRED 5
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	7	REQUIRED 3
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	6	REQUIRED 6



FLAGSHIP RECREATION  
11123 UPPER 33RD ST N  
LAKE ELMO, MN 55082  
763-550-7860  
FLAGSHIPPLAY.COM  
@FLAGSHIPPLAY



THIS PLAY AREA & PLAY EQUIPMENT IS  
DESIGNED FOR AGE RANGES AS NOTED  
ON PLAN.

**IVY HILLS ALTERNATE  
PLAYGROUND**

645 Butler Ave,  
Mendota Heights, MN

SALES  
REPRESENTATIVE:  
EMILY MALONEY

DESIGNED BY:  
AO  
8/26/25

SHEET

**LS101**



City of Mendota Heights  
1101 Victoria Curve  
Mendota Heights, MN 55118  
Meredith Lawrence, Parks & Recreation Director

PRELIMINARY BUDGET - THIS IS AN ESTIMATE & NOT A FORMAL QUOTE\*

	Preliminary Budget	Possible Additions	Possible Reductions	QTY	Notes
Play Equipment					
Ivy Hills Park,EM706IHP427545896	140,620.00				2025 State Contract Price
--	(14,062.00)			10%	MDF
Sales Tax - if applicable	0.00				ST3 Certificate of Exemption must be provided by owner.
Delivery of Play equipment	2,296.50				Estimated / Final quote will be provided upon final design.
Mobilization	750.00				Mobilization of Installation Crew to Job Site (Trailer Skid Steer Augur, Tools, Mixer, Etc.)
Dumpster(s) - 30 Yard	750.00				Disposal of packaging material
Site work					
Excavation (new container)	849.42			631	Excavation & Footing Spoils Redistributed or Piled Neatly On Site
Demo of Existing Equipment & Excavation (existing container)	8,175.64			3,644	Removal of Existing Equip & Excavation of Surfacing
Hauling of Excavated Material (CY)	3,465.38			159	Trucking costs to remove material from the project location to the disposal site
Disposal of Excavated Material (CY)	3,465.38			159	Cost to dispose of material at approved site
Border Options					
Composite Timber Package of 25 (4"x4"x8')	4,916.50			2	Installed "On Grade" (Not Buried)
Equipment Installation (Labor & Concrete for Footings)	32,204.25			25.45%	Full professional installation by Landscape Structures Certified Installers. <b>Standard labor rate unless otherwise noted</b>
Special Equipment (Lull, Lift, Compactor, etc.)	1,602.56				Rental - Req'd for Shade Fabric, Roofs, etc.
Concrete Flatwork					
Concrete Flatwork (Sq. Ft.)	0.00			0	4" thick concrete
Sawcut of Existing Flatwork	256.41			10	Sawcut of existing flatwork to align play container
Subgrade Prep & Engineered Wood Fiber Surfacing (EWF)					
Geotextile Fabric (Sq. Ft.)	0.00			0	NOT INCLUDED
EWF - Playground Safety Surfacing (CY)	3,606.53			80	IPEMA Certified Meets ASTM, ADA & CPSC
EWF Freight	577.50				
Rubber Wear Mats	1,410.84			5	Rubber Wear Mats - Installed AFTER Playground Wood Fiber
Subgrade Prep & Poured In Place (PIP) or Turf Surfacing					
Compacted Aggregate Base (Recycled Concrete or Class 5) (Tons)	6,267.95			95	Class 5 Agg w/ Fines or Recycled Concrete, Material & Install 4" - 6" Compacted <b>Required for PIP &amp; Turf Installations</b>
Drainage Allowance (LF)	1,120.00			70	Draintile Wrapped w/ Clear Agg or Other to Assist in Draining Tranistion Area from PIP to EWF
Poured In Place Rubber Surfacing (Sq. Ft.)	71,338.67			2,432	50/50 mix of Standard Colors/Black Speckled (Designs & Premium Colors Extra). Installing poured in place adjacent to timbers may create a gapping issues adjacent to the timbers as freeze/ thaw cycles occur. Best results occur when poured in place is installed adjacent to an excavated concrete container. Flagship Recreation will not be held liable for material pulling away from composite timbers within the accepted warrantv period.
Chain Link Construction Fence (8' x 8' Panels)	0.00			0	Temporary Construction Fence, Locked Gate, Traffic Control - Cones, Signage, etc. <b>Not Included</b>
Security Guard	0.00			0	24 Hr Site Security req'd during Installation & Cure Time. Cure Times vary with weather and thickness. Defects or damage due to trespass before sufficient cure time will not be covered by warranty. <b>Flagship Rec not licensed for Security Services.</b>
Site Restoration (Sq.Ft.)	0.00			0	Backfilling Req'd to Stabilize Border - <b>Not Included</b>
Payment & Performance Bonds	0.00				Included By Request
	Preliminary Total	Additions Total	Reductions Total		Total w/ Additions & Reductions
	273,278.21	0.00	0.00		273,278.21
*FORMAL QUOTE AVAILABLE UPON PROJECT ACCEPTANCE					

# APPENDIX

6 |

## FEATURING

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- ◇ From Rendering to Reality
- ◇ Play Equipment Warranty
- ◇ Terms of Sale
- ◇ Cost of Ownership Infographic
- ◇ Color Selection



## FROM RENDERING TO REALITY

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Fridley - Moore Lake Park - Pre installation render

---



Fridley - Moore Lake Park - Actual installation

---





Hugo - Lions Park - Pre installation render

---



Hugo - Lions Park - Actual installation

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Landscape Structures Inc. ("Manufacturer") warrants that all playstructures and/or equipment sold will conform in kind and in quality to the specifications manual for the products identified in the Acknowledgment of Order and will be free of defects in manufacturing and material. Manufacturer further warrants:

**100-Year Limited Warranty** On all PlayBooster® and PlayShaper® aluminum posts, stainless steel fasteners, clamps, beams and caps against structural failure due to corrosion/natural deterioration or manufacturing defects, and on PlayBooster steel posts against structural failure due to material or manufacturing defects.

**15-Year Limited Warranty** On all Evos® and Weevos® steel arches, all plastic components (including TuffTimbers™ edging), all aluminum and steel components not covered above, Mobius® climbers, Rhapsody® Outdoor Musical Instruments, decks and TenderTuff™ coatings (except Wiggle Ladders, Chain Ladders and Swing Chain) against structural failure due to material or manufacturing defects.

**10-Year Limited Warranty** On concrete products against structural failure due to natural deterioration or manufacturing defects. Does not cover minor chips, hairline cracks or efflorescence.

**8-Year Limited Warranty** On Aeronet® climbers and climbing cables against defects in materials or manufacturing defects.

**5-Year Limited Warranty** On Rhapsody cables and mallets against defects in materials or manufacturing defects and on polycarbonate panels against defects in materials or manufacturing defects.

**3-Year Limited Warranty** On all other parts, i.e. all swing seats and hangers, all swing chain and cables, ZipKrooz® cables, Track Ride trolleys and bumpers, Mobius Climber handholds, Wiggle Ladders, Chain Ladders, all rocking equipment including Sway Fun® gliders, belting material, LSI Flexx™ flexible cable netting, HeathBeat® resistance mechanisms, Seesaws, etc., against failure due to corrosion/natural deterioration or manufacturing defects.

The environment near a saltwater coast can be extremely corrosive. Some corrosion and/or deterioration is considered "normal wear" in this environment. Product installed within 500 yards (457 meters) of a saltwater shoreline will only be covered for half the period of the standard product warranty, up to a maximum of five years, for defects caused by corrosion. Products installed in direct contact with saltwater or that are subjected to salt spray are not covered by the standard warranty for any defects caused by corrosion.

This warranty does not include any cosmetic issues or wear and tear from normal use of the product, or misuse or abuse of the product. It is valid only if the playstructures and/or equipment are erected to conform with Landscape Structures' installation instructions and maintained according to the maintenance procedures furnished by Landscape Structures Inc.



## 2025 Play Equipment Warranty

You have our word.

All the warranties commence on date of Manufacturer's invoice. Should any failure to conform to the above express warranties appear within the applicable warranty period, Manufacturer shall, upon being notified in writing promptly after discovery of the defect and within the applicable warranty period, correct such nonconformity either by repairing any defective part or parts, or by making available a replacement part within 60 days of written notification. Manufacturer shall deliver the repaired or replacement part or parts to the site free of charge, but will not be responsible for providing labor or the cost of labor for the removal of the defective part or parts, the installation of any replacement part or parts or for disposal costs of any part or parts. Replacement parts will be warranted for the balance of the original warranty.

THIS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE.

ANY SURETY BONDS ISSUED PURSUANT TO ANY CONTRACT OR SELLER'S INVOICE SHALL NOT INCLUDE COVERAGE FOR THIS GUARANTEE OR WARRANTY BEYOND ONE YEAR.

The remedies hereby provided shall be the exclusive and sole remedies of the purchaser. Manufacturer shall not be liable for any direct, indirect, special, incidental or consequential damages.

Manufacturer neither assumes nor authorizes any employee, representative or any other person to assume for Manufacturer any other liability in connection with the sale or use of the structures sold, and there are no oral agreements or warranties collateral to or affecting this agreement. The warranties stated above are valid only if the structures and/or equipment are erected in conformance with Landscape Structures' installation instructions and maintained according to the maintenance procedures furnished by Landscape Structures Inc.; have been subjected to normal use for the purpose for which the goods were designed; have not been exposed to saltwater or salt spray; have not been subject to misuse, negligence, vandalism, or accident; have not been subjected to addition or substitution of parts; and have not been modified, altered, or repaired by persons other than Manufacturer or Manufacturer's designees in any respect which, in the judgement of Manufacturer, affects the condition or operation of the structures.

To make a claim, send your written statement of claim, along with the original job number or invoice number to: Landscape Structures Inc. 601 7th Street South, Delano, Minnesota, 55328-8605.

Signed:  President Date: 01/01/2025







## Terms of Sale

**PRICING:** Landscape Structures' list prices do not include delivery and handling charges. Prices are subject to change without notice.

**TERMS:** To tax-supported institutions and those with established credit: net 30 days from the date of the invoice. 1.5% per month thereafter; freight charges are prepaid and applied to the invoice.

**TAXES:** Landscape Structures' list prices do not include applicable taxes, if any.

**WEIGHTS:** Weights are approximate and may vary.

**DELIVERY:** If delivery of the equipment is by common carrier, and there is damage or a shortage, notify the carrier at once and sign delivery documents provided by the carrier noting the damage or shortage. Most products are delivered on large pallets and will require a forklift or similar equipment to unload as a unit on the site.

**INSTALLATION:** All playstructures and/or equipment are delivered unassembled and packaged with recyclable materials. For a list of factory-certified installers in your area, please contact your Landscape Structures playground consultant.

**SERVICE:** We have knowledgeable, qualified playground consultants throughout the world who are available to help you before, during and after the sale. Landscape Structures has exclusive design software that features all of our parts and pieces in pull-down menus. With this software, your playground consultant can design a playground layout that meets not only your needs, but ASTM and CPSC standards as well. In addition, we have a full staff of CPSI-certified designers, along with 2D and 3D drawing capabilities and custom capabilities to assist you with your playground plans.

**RETURN POLICY:** As an indication of our commitment to our customers, Landscape Structures will accept returns of new structures and/or new equipment purchased within 60 days of the original invoice date. Advance notification is necessary to ensure proper credit. Parts not included in this return policy are custom parts (including PlayShaper® posts), as well as used or damaged parts. A 20% restock fee plus all return freight charges will apply to all product returns. NOTE: All parts are subject to inspection upon return. Parts returned damaged may not receive a full credit. For this reason, it is important that all returned parts are properly packaged to prevent damage while in transit. Please contact your Landscape Structures playground consultant for the shipping address.

**PRODUCT CHANGES:** Because of our commitment to safety, innovation, and value, we reserve the right to change specifications at any time.

### PLEASE CONTACT US AT:

Landscape Structures Inc.  
601 7th St. South  
Delano, MN 55328-8605  
888.438.6574 (inside the U.S.A.)  
763.972.5200 (outside the U.S.A.)  
playlsi.com



601 7th Street South • Delano, MN 55328-8605 • 888.438.6574 • 763.972.5200 • playlsi.com

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01

Insightful Product Design

- We perform all of our design, engineering and manufacturing in-house, so each step is carefully followed-through under our watchful eye as we inspire, innovate and evolve ideas together.
- The added value of working with Landscape Structures is that we focus on the why, not just the what. Anyone can replicate equipment, but true innovation stems from understanding the thought behind the design and the courage to ask if there's a better solution.

02

Unique Designs

- Leading the way with innovation.
- Ready to create a playground unlike any other? A design that celebrates your community and leaves kids begging to play more? No one offers more design expertise, material options, advanced manufacturing capabilities or guidance to bring your unique destination to life. Our design teams are ready when you are.

03

Unparalleled Quality

- Superior materials, fit and finishes ensure our playgrounds are built to last decades instead of years
- You deserve a great return on your investment, so we're committed to bringing you market-leading quality and safety in every piece of equipment – inside and out. That means less maintenance, greater peace of mind and “way more fun!” on your playground. And we proudly manufacture nearly all of our products in the U.S.A.

04

Dedicated to Customer Satisfaction

- Expect a great experience.
- Continuous improvement is at the heart of our customer service philosophy. It's behind our industry-best order accuracy, on-time delivery record and flexibility. And it's how we can say with complete confidence: If you're not happy, we'll make things right – right away. You have the word of 500 employee owners.

05

Industry Leading Warranty Support

- More than just a contract, our warranty is our personal commitment that you'll be satisfied with your purchase now and far, far into the future.
- As an employee-owned company, we take great pride in the quality of everything we make. And we're so confident that you'll be delighted with your purchase that we back our products with the most comprehensive long-term warranties in the industry. It's just one more way we show how much we care about our customers and communities.

A Solid Investment In Fun!

The true value of a well-crafted playground is realized over time – lower operational costs, fewer headaches and countless hours of safer fun. To ensure you get the most out of your investment, we build proprietary products using only the finest materials. Our unique combination of unprecedented design experience and precision manufacturing capabilities results in playgrounds that last a lifetime. And, of course, we stand behind everything we make.

Investment Example

Total Cost of Ownership  
Ysleta Independent School District  
Landscape Structures  
Playgrounds Purchases

Ysleta Independent School District

Purchase Year Playgrounds	2005 31
Total Purchases Years of Service	\$2,043,521 16 (2021)
Total Replace/Repair Cost to Customer Per Year % Cost to Customer	\$4,370 \$312.16 0.21%





Color is energy we not only see, but feel, and it has proven physical, emotional and social impacts on us. That's why thoughtful color selection is a critical part of creating playgrounds that not only add aesthetic beauty to a community, but are also beneficial to all who visit.

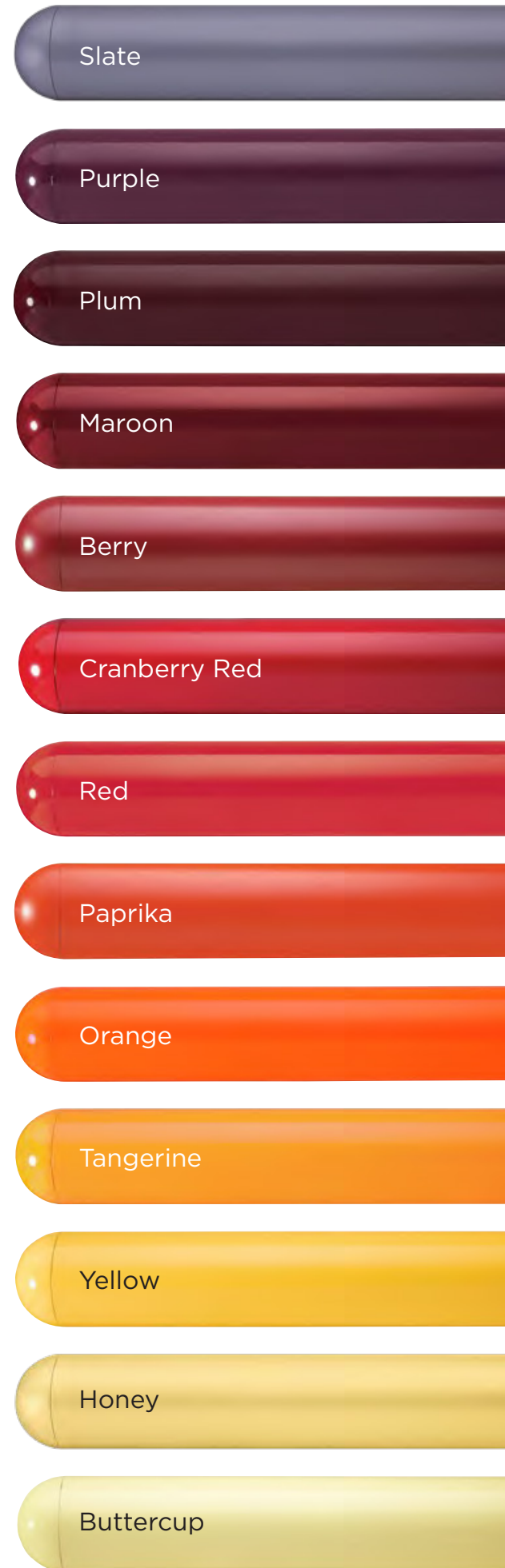
From infancy through early adolescence, color perception is closely linked to cognitive development. It starts with a pull toward simple primary colors and moves toward more complex and sophisticated hues. At Landscape Structures®, we created a spectrum of proprietary colors and complementing palettes that offer communities an opportunity to choose the colors that best suit their environment and also draw children to play.

From form to function to color, we continually evolve our palette options to echo changing trends and provide the best play opportunities to help kids grow to be better adults.

---

*Let us consult on color selection to bring out the best in your playground. Ask your local Landscape Structures consultant about next steps.*

# THE POWER OF Color Selection



### ProShield® Colors

- Specifically designed to withstand the demands of extreme heat, harsh climates, moisture and UV exposure
- ProShield finish combines a specially formulated primer with a high-quality, architectural-grade, Super-Durable, TGIC polyester powdercoat
- No lead-based paints



### A. ♻️ Recycled Permalene® Panels

- Permalene panels with a recycled core are a smart choice for your playground and the environment. Available in the colors shown, the distinctive black core results from combining recycled colored plastic — waste that would otherwise end up in landfills.
- 100% recyclable

### B. Polyethylene

- For slides, tunnels, roofs, etc.
- Architectural-grade pigments contain no heavy metals and provide longest-lasting, UV-stable, vibrant color
- 100% recyclable

### C. TenderTuff™ Coating

- For swing chains, handholds, pipe barriers, wheels, rings, etc.
- Insulates against temperature extremes and provides a safer grip surface compared to painted metal
- Meets all safety standards and complies with Public Law No. 110-314, Consumer Product Safety Improvement Act of 2008







#### A. Polycarbonate Panels

- Hedra® product line option
- Translucent panel provides visibility into structure as well as light and color play

#### B. Recycled Plastic Lumber

- Looks like wood, but lasts longer and is easier to clean
- 100% recycled high-density UV-stabilized polyethylene material to prevent warping in direct sun
- Color option for Volo Aire™ only

#### C. Steel-Reinforced Cables

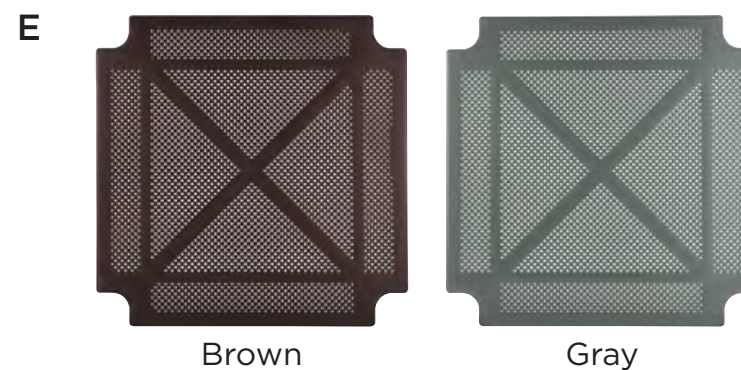
- Made of tightly woven, polyester-wrapped, six-stranded galvanized-steel
- Abrasion-resistant, color-stable cables are extremely durable and vandal resistant
- Some product available in black only — see specific product for details

#### D. LSI Flexx™ Steel-Reinforced Net

- Game-changing material that offers kids with a range of abilities a variety of play experiences including bouncing, climbing and relaxing
- Steel-reinforced cable is extremely durable and vandal resistant
- Low-profile connections are comfortable and easy to grip

#### E. Steel Decks

- The heaviest, thickest decks for long-lasting safety
- Flange-formed from 12-gauge steel with safe, rounded corners
- Reinforced with .105" x 2" ribs welded on cross for superior strength and a consistently flat surface





**SkyWays® and CoolToppers® Shade Products Fabrics**

- Designed to block up to 96% of UV rays and keep playground temperatures 30 degrees cooler
- Flame resistant



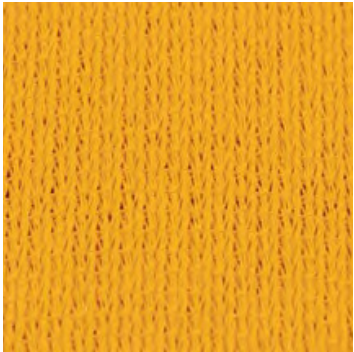
Natural FR



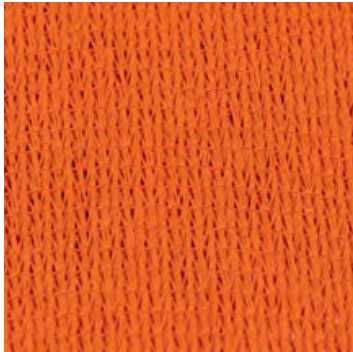
Dune FR



Tan FR



Yellow FR



Orange FR



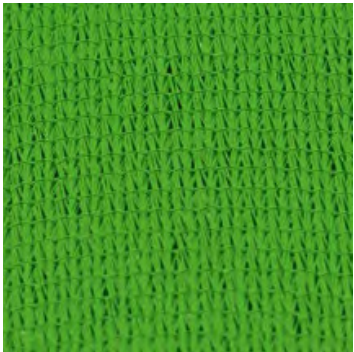
Cherry Red FR



Deep Ochre FR



Peacock FR



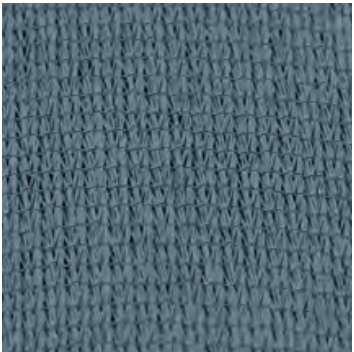
Grass FR



Pine Green FR



Bluebird FR



Sky Blue FR



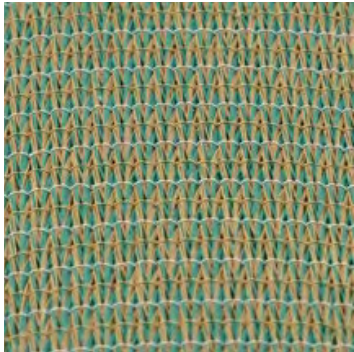
Blue FR



Lagoon FR



Denim FR



Rivergum FR



Metallic Silver FR



Gun Metal FR



Black FR



# Ivy Hills Park

Mendota Heights, MN



Prepared By:  
Tom Joachim, PM  
Andrew Pudwill, CPSI



August 27, 2025

Meredith Lawrence, CPRE  
Parks & Recreation Director / Assistant Public Works Director  
City of Mendota Heights  
1101 Victoria Curve  
Mendota Heights, MN 55118

## Re: Ivy Hills Park Playground Replacement – Proposal Response

Dear Ms. Lawrence,

On behalf of Midwest Playscapes, Inc., thank you for the opportunity to submit our proposal for the Ivy Hills Park Playground Replacement. After carefully reviewing the City's Request for Proposals, we are pleased to confirm that our enclosed design, site plan, and pricing package fully satisfies the stated requirements and objectives .

### Compliance with RFP Specifications

- **Accessibility & Standards:** All equipment is IPEMA certified, designed to meet ASTM F1487, F1951, and F1292 standards, and fully compliant with ADA guidelines.
- **Demolition, Sitework, and Container Expansion:** Our proposal includes removal and disposal of existing equipment, expansion of the playground container to 4,488 sq. ft., and construction of a new ADA-compliant concrete pedestrian ramp.
- **Inclusive Play Features:** The design incorporates an accessible whirl, communication board, musical elements (Concerto Congas and Vibes), a spin cup, and transfer stations. These features allow children of all abilities to play side by side.
- **Age-Appropriate Design:** The structure accommodates both 2–5 and 5–12 age groups with appropriate slides, climbers, and imaginative play panels.
- **Required Elements:**
  - **Swings:** Multiple swing types including belt seats, toddler/infant seat, swing-along, and a multi-user rope basket swing.
  - **Slides:** Multiple slides including a Mighty Descent, Zig-Zag, and Nuvo Double.
  - **Merry-Go-Round Alternative:** An Accessible Whirl designed for full wheelchair use.
  - **Benches:** Two 6' backed benches are included for seating within the container area.
  - **Dramatic Play & Communication:** Panels, playhouse-style climbers, and communication boards included.
- **Surfacing:** Our design provides 850 sq. ft. of poured-in-place surfacing for accessible routes to all inclusive features, complemented by engineered wood fiber throughout the remaining container.
- **Safety:** Wear mats beneath slides and swings are included in the proposal.



## Budget and Value

The proposed project cost is **\$199,921.53**, which falls within the City's \$200,000 budget cap. This includes equipment, demolition, sitework, surfacing, freight, and professional installation by certified crews.

## Deliverables

We have enclosed the following required documents:

- Renderings and scaled site plan
- Bill of materials
- Compliance and certification data
- Pricing schedule
- Warranty and product liability documentation

## Conclusion

Our design provides a vibrant, inclusive, and safe play environment tailored to the needs of the Mendota Heights community. It not only meets the requirements of the RFP but also maximizes play value, accessibility, and durability within the budget.

We are excited about the opportunity to partner with the City of Mendota Heights to bring this project to life. Please don't hesitate to contact me at 952-237-6960 or Tom@MidwestPlayscapes.com with any questions.

Sincerely,

Tom Joachim  
Project Manager  
Midwest Playscapes, Inc.  
8632 Eagle Creek Cir  
Savage, MN 55378



TOLL FREE: 1-800-747-1452  
Info@MidwestPlayscapes.com  
8632 Eagle Creek Circle  
Savage, MN 55378



## QUOTATION

Project: Ivy Hills Park Playground

Phone: 651-255-1354

Contact: Meredith Lawrence

Fax:

Ship To: 645 Bulter Ave  
Mendota Heights MN 55118

Bill To:

Email: [mlawrence@mendotaheightsmn.gov](mailto:mlawrence@mendotaheightsmn.gov)

Shipping

Contact:

Date: 8/27/25

Qty	Design / Item	Description	Unit Price	Total
<b><u>Border/Surfacing</u></b>				
850	Square Feet	Poured In Place Rubber (W/ Design)	\$30.00	\$25,500.00
850	Square Feet	Compacted Agg Base	\$5.00	\$4,250.00
164	Cubic Yards	Engineered Wood Fiber	\$27.50	\$4,502.03
9		Swing and Slide Wear Mats	\$222.78	\$2,005.00
1		Concrete Pedestrian Ramp for ADA Access		\$2,900.00
120	Linear Feet	Composite Timbers Add-On	\$25.88	\$3,105.00
<b><u>Play Equipment</u></b>				
1	20250303_01_02	Playworld Playground Ages 2-5 & 5-12		\$132,550.00
1		<b><u>Installation</u></b>		\$36,265.51
1		<b><u>Discount (12%)</u></b>		-\$15,906.00
			Subtotal:	\$195,171.53
			Freight:	\$4,750.00
Tax Exempt # _____			Sales Tax:	
* Please provide certificate			Local Sales Tax:	
			<b>Total:</b>	<b>\$199,921.53</b>

### NOTE:

**NOTE:** Freight Quotes are good for 10 days from quote date above, due to rising fuel costs. Quote will need to be re-evaluated after this time frame.

**NOTE:** Any Insurance requirements above \$1,000,000 General Liability will be subject to a surcharge

**UNLESS OTHERWISE NOTED**, prices shown are material only. They **DO NOT** include: assembly, installation, border, safety surfacing, drain tile, geotextile fabric, removal of existing equipment, site preparation, excavation or site restoration, unloading of equipment, disposal of packaging material, storage of equipment, additional insurance and bonding would be extra, unless otherwise stated above. If playground equipment or materials are stored off site, customer is responsible for transporting equipment to job site.

*Prices firm for 30 days, subject to review thereafter. Our terms are net 30. A finance charge of 1.5% will be imposed on the outstanding balance for more than 30 days after the shipment of materials. Equipment shall be invoiced separately from other services and shall be payable in advance of those services and project completion. Retainage not accepted. Once customer has signed quotation, your order cannot be changed or canceled allow 3 to 4 weeks for delivery after receipt of order. Standard manufacturing design, specification, and construction apply unless noted otherwise. Customer is responsible for the identification of all underground utilities. Area must be accessible to Bobcat and other equipment necessary for installation or additional fees will be charged. Freight quote is based on customer unloading equipment and checking in all equipment for any missing parts. If product is refused by customer upon delivery for any reason (unless damaged), without prior authorization from Midwest Playscapes, Inc., the customer agrees to pay 20% restocking fee plus freight charges. Price does not include prevailing wages, unless otherwise noted. If we can be of Other Assistance, please feel free to contact us.*

Signed: \_\_\_\_\_

Tom Joachim

Accepted \_\_\_\_\_

Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_





- ✓ ASTM F1487-11
- ✓ CPSC #325

DATE: 08-26-25

**\*PLAYGROUND SUPERVISION REQUIRED**































# Ivy Hills Playground

Design Number: IH\_20250303\_01\_03 - Bill Of Material

Ref. No.	Part No.	Description	Quantity
<b>Posts</b>			
1	ZZCH0018	3.5in OD x 124in STEEL POST W/RIVETED CAP	5
2	ZZCH0038	3.5in OD x 148in STEEL POST W/ RIVETED CAP	4
3	ZZCH0068	3.5in OD x 184in STEEL POST POST W/RIVETED CAP	2
4	ZZCH0258	3.5in OD x 224in STEEL POST W/CAP	4
5	ZZCH0388	3.5in OD x 246in LARGE SHADE HAT POST (96in & 108in DECK)	4
<b>Decks &amp; Kick Plates</b>			
6	ZZCH0616	SQUARE COATED DECK ASSEMBLY	3
7	ZZCH0617	TRIANGULAR COATED DECK ASSEMBLY	2
8	ZZCH0636	DOUBLE SLIDE COATED DECK ASSEMBLY	1
<b>ADA Items</b>			
9	ZZCH0683	NUVO- 36in TRANSFER STATION	1
<b>Posts</b>			
10	ZZCH0891	FILLER POST- MIGHTY DESCENT SLIDE 96in DECK (CH)	1
<b>ADA Items</b>			
11	ZZCH2007	TRANSFER STATION w/TALL GUARDRAILS (36in DECK)	1
<b>Slides</b>			
12	ZZCH3236	ZIGZAG SLIDE (60in DECK)	1
13	ZZCH3538	NUVO 36in DOUBLE SLIDE	1
<b>Barriers</b>			
14	ZZCH4095	CENTERLINE PIPE WALL BARRIER	1
<b>Activity Panels</b>			
15	ZZCH4290	POST MOUNTED STEERING WHEEL	1
<b>Audible Activities</b>			
16	ZZCH4409	ACCESSIBLE BELL PANEL	1
<b>Activity Panels</b>			
17	ZZCH4578	ANYWHERE SEAT	1
<b>Audible Activities</b>			
18	ZZCH4649	POST MOUNT DRUM	1
<b>Activity Panels</b>			
19	ZZCH4671	CH PANEL FRAME- DECK LEVEL	1
<b>Slides</b>			
20	ZZCH4696	MIGHTY DESCENT	1
<b>Climbers</b>			
21	ZZCH4707	CONVERGE	1
<b>Roofs &amp; Arches</b>			
22	ZZCH4716	12ft SQUARE HAT SHADE	1
<b>Overhead Events</b>			
23	ZZCH5770	LEG LIFT	1
<b>Climbers</b>			
24	ZZCH6757	5ft GEO CLIMBER	1
25	ZZCH7087	CLIMBING SQUARES BLOCK CLIMBER (36in)	1





# Ivy Hills Playground

Design Number: IH\_20250303\_01\_03 - Bill Of Material

Ref. No.	Part No.	Description	Quantity
26	ZZCH7160	6ft TWISTED CLIMBER	1
27	ZZCH7957	SILO CLIMBER (72in DECK)	1
28	ZZCH8289	RIBBON CLIMBER (36in DECK)	2
<b>Stairs and Ladders</b>			
29	ZZCH9170	24in ACCESS STEPPED PLATFORM (DECK TO DECK)	1
30	ZZCH9177	36in ACCESS STEPPED PLATFORM (DECK TO DECK)	1
<b>ADA Items</b>			
31	ZZUN2019	APPROACH STEP FOR TRANSFER STATION	1
<b>Decks &amp; Kick Plates</b>			
32	ZZUN2290	COATED DECK TO DECK CONNECTION KIT	1
<b>Activity Panels</b>			
33	ZZUN4673	A-MAZE-ING INSERT	1





# Ivy Hills Playground

Design Number: IH\_20250303\_01\_03 - Compliance and Technical Data  
Reference Document: ASTM F1487

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre- Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
1	ZZCH0018	5	3.5in OD x 124in STEEL POST W/RIVETED CAP	Certified	194.55		269	0	5.00	0.63	0
2	ZZCH0038	4	3.5in OD x 148in STEEL POST W/ RIVETED CAP	Certified	188.44		253	0	4.00	0.50	0
3	ZZCH0068	2	3.5in OD x 184in STEEL POST POST W/RIVETED CAP	Certified	114.22		155	0	2.00	0.25	0
4	ZZCH0258	4	3.5in OD x 224in STEEL POST W/CAP	Certified	262.04		374	0	4.00	0.52	0
5	ZZCH0388	4	3.5in OD x 246in LARGE SHADE HAT POST (96in & 108in DECK)	Certified	530.00		371	0	4.00	0.00	0
6	ZZCH0616	3	SQUARE COATED DECK ASSEMBLY	Certified	164.58		521	9	3.00	0.00	0
7	ZZCH0617	2	TRIANGULAR COATED DECK ASSEMBLY	Certified	59.80		240	4	2.00	0.00	0
8	ZZCH0636	1	DOUBLE SLIDE COATED DECK ASSEMBLY	Certified	63.86		185	3	1.00	0.00	0
9	ZZCH0683	1	NUVO- 36in TRANSFER STATION	Certified	236.61		418	2	3.50	0.12	0
10	ZZCH0891	1	FILLER POST- MIGHTY DESCENT SLIDE 96in DECK (CH)	Certified	44.50		13	0	0.75	0.13	0
11	ZZCH2007	1	TRANSFER STATION w/TALL GUARDRAILS (36in DECK)	Certified	144.90		310	2	2.00	0.09	0
12	ZZCH3236	1	ZIGZAG SLIDE (60in DECK)	Certified	153.73		679	2	2.00	0.03	1
13	ZZCH3538	1	NUVO 36in DOUBLE SLIDE	Certified	157.29		683	2	2.00	0.06	1
14	ZZCH4095	1	CENTERLINE PIPE WALL BARRIER	Certified	28.74		71	0	0.50	0.00	0
15	ZZCH4290	1	POST MOUNTED STEERING WHEEL	Certified	7.83		44	1	0.25	0.00	1
16	ZZCH4409	1	ACCESSIBLE BELL PANEL	Certified	22.16		211	1	0.50	0.00	1
17	ZZCH4578	1	ANYWHERE SEAT	Certified	31.10		90	1	0.25	0.00	1
18	ZZCH4649	1	POST MOUNT DRUM	Certified	12.78		167	1	0.50	0.00	1
19	ZZCH4671	1	CH PANEL FRAME- DECK LEVEL	Certified	32.87		163	0	1.00	0.00	0
20	ZZCH4696	1	MIGHTY DESCENT	Certified	748.50		1,120	8	7.00	0.18	1
21	ZZCH4707	1	CONVERGE	Certified	714.90		1,443	10	9.00	0.38	1
22	ZZCH4716	1	12ft SQUARE HAT SHADE	Certified	415.00		1,685	0	10.00	0.13	0
23	ZZCH5770	1	LEG LIFT	Certified	6.76		30	1	0.50	0.00	1





# Ivy Hills Playground

Design Number: IH\_20250303\_01\_03 - Compliance and Technical Data  
Reference Document: ASTM F1487

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre- Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
24	ZZCH6757	1	5ft GEO CLIMBER	Certified	120.46		535	2	2.00	0.09	1
25	ZZCH7087	1	CLIMBING SQUARES BLOCK CLIMBER (36in)	Certified	129.12		437	2	4.00	0.12	1
26	ZZCH7160	1	6ft TWISTED CLIMBER	Certified	117.65		241	2	2.00	0.60	1
27	ZZCH7957	1	SILO CLIMBER (72in DECK)	Certified	82.32		144	1	1.50	0.06	1
28	ZZCH8289	2	RIBBON CLIMBER (36in DECK)	Certified	70.04		203	4	3.00	0.12	2
29	ZZCH9170	1	24in ACCESS STEPPED PLATFORM (DECK TO DECK)	Certified	135.24		296	1	2.00	0.00	0
30	ZZCH9177	1	36in ACCESS STEPPED PLATFORM (DECK TO DECK)	Certified	217.24		550	2	1.50	0.00	0
31	ZZUN2019	1	APPROACH STEP FOR TRANSFER STATION	Certified	35.83		72	1	1.00	0.04	0
32	ZZUN2290	1	COATED DECK TO DECK CONNECTION KIT	Certified	0.29		4	0	0.50	0.00	0
33	ZZUN4673	1	A-MAZE-ING INSERT	Certified	14.51		198	2	0.25	0.00	1
34	ZZXX0065	1	SPIN CUP	Certified	57.21		301	1	2.00	0.12	1
35	ZZXX0219	1	ARCH SWING- ROPE BASKET SEAT	Certified	85.80		1,075	3	0.50	0.00	1
36	ZZXX0260	2	BELT SEAT W/SILVER SHIELD CHAIN FOR 8ft TOP RAIL	Certified	17.60		108	2	0.50	0.00	2
37	ZZXX0265	1	INFANT SEAT W/SILVER SHIELD FOR 8ft TOP RAIL	Certified	11.31		90	1	0.25	0.00	1
38	ZZXX0635	1	SWING ALONG SEAT TO 8ft TOP RAIL	Certified	31.84		341	2	0.50	0.00	1
39	ZZXX0664	1	CONCERTO 3 CONGAS	Certified	62.20		1,555	2	1.00	0.12	1
40	ZZXX0666	1	CONCERTO VIBES	Certified	134.82		3,188	1	2.00	0.26	1
41	ZZXX0848	1	FREESTANDING COMMUNICATION BOARD (DOUBLE) (CH)	N/A	108.00		2,049	0	2.00	0.26	0
42	ZZXX0931	1	5in OD 2-UNIT STEEL ARCH SWING- 8ft TOP RAIL	Certified	417.00		84	0	3.00	0.48	0
43	ZZXX0933	1	5in OD STEEL ARCH SWING 2-UNIT ADD-A-BAY	Certified	249.30		84	0	2.00	0.24	0
44	ZZXX0941	1	5in OD ARCH SWING ADD-A-BAY (MULTI-USER)	Certified	250.50		191	0	2.00	0.24	0
45	ZZXX1158	1	ACCESSIBLE WHIRL	Certified	968.30		5,686	9	6.50	0.47	1





Ivy Hills Playground

Design Number: IH\_20250303\_01\_03 - Compliance and Technical Data  
Reference Document: ASTM F1487

Ref. No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre-Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
46	ZZXX1411	2	6ft BACKED MOUNTED BENCH (PVC SEAT/BK & PWDR COAT FRM)	N/A	169.78		317	0	3.00	0.32	0
Totals:					7,821.52	1,226	2,641	85	107.75	6.55	25
					0 Kg	0 Kg	0 Kg	0 Metric Tons		0 m3	





# Ivy Hills Playground

Design Number: IH\_20250303\_01\_03 - Compliance and Technical Data  
Reference Document: ASTM F1487

Ref.	No.	Part No.	Qty.	Description	Unit ASTM Status	Total Weight (lbs)	Pre- Consumer Recycled Content (lbs)	CO2e Footprint (kgs)	Users	Install Hours	Concrete (Yds3)	Active Play Events
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## ASTM F1487

The lay-out for this custom playscape, design number IH\_20250303\_01\_03, has been configured to meet the requirements of the ASTM F1487 standard. In addition, each of the above components listed as "Certified" have been tested and are IPEMA certified. Components listed as "Not Applicable" do not fall within the scope of the ASTM F1487 standard and have not been tested. IPEMA certification can be verified on the IPEMA website, [www.ipema.org](http://www.ipema.org). In the interest of playground safety, IPEMA provides a Third Party Certification Service which validates compliance.

## 2010 ADA Standards for Accessible Design

The lay-out was also designed to meet the 2010 Standards published 15-Sep-2010, by the Department of Justice when installed over a properly maintained surfacing material that is in compliance with ASTM F1951 "Accessibility of Surface Systems Under and Around Playground Equipment" as well as ASTM F1292, "Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment", appropriate for the fall height of the structure.

## Installation Times

Installation times are based on one experienced installer. A crew of three experienced individuals can perform the installation within the given time, each member working 1/3 of the given hours. [Eg. Installation Time = 30 hours. For a crew of three, each member will work 10 hours on the installation for a total of 30 hours on the project.]

## Carbon Footprint

The CO2e (carbon footprint given in Kilograms and Metric Tons) listed above is a measure of the environmental impact this play structure represents from harvesting raw materials to the time it leaves our shipping dock. Playworld Systems nurtures a total corporate culture that is focused on eliminating carbon producing processes and products, reducing our use of precious raw materials, reusing materials whenever possible and recycling materials at every opportunity. Playworld Systems elected to adopt the Publicly Available Specification; PAS 2050 as published by the British Standards Institute and sponsored by Defra and the Carbon Trust. The PAS 2050 has gained international acceptance as a specification that measures the greenhouse gas emissions in services and goods throughout their entire life cycle.

## Pre-Consumer Recycle Content

A measurement, in pounds, that qualifies the amount of material that was captured as waste and diverted from landfill during an initial manufacturing process and is being redirected to a separate manufacturing process to become a different product. E.g. 100% of our Aluminum Tubing is made from captured waste material during the manufacturing process of extruded Aluminum products such as rods, flat bars and H-channels.

## Post-Consumer Recycle Content

A measurement, in pounds, that qualifies the amount of material that was once another product that has completed its lifecycle and has been diverted from a landfill as a solid waste through recycling and is now being used in a Playworld Systems' product. E.g. \*\*20% to 40% of the steel in our steel tubing and sheet steel have been diverted from landfills. Automobiles are scrapped and recyclable steel is purchased by the steel mill that produces our raw product.

\*\* The amount of Post-Consumer recycled steel fluctuates daily based on the availability of the recycled steel.





# Ivy Hills Playground

Steel-Footed Post/Installation:

Design Number: IH\_20250303\_01\_03 - Pricing Schedule  
2525 Pricing - Valid For : 30 Days From Quote Date

Ref. No.	Part No.	Qty.	Description	Unit Weight (lbs)	Unit List (US\$)	Total Weight (lbs)	Total List (US\$)
<b>Modular Playscape:</b>							
<b>Posts</b>							
1	ZZCH0018	5	3.5in OD x 124in STEEL POST W/RIVETED CAP	38.9100	314.00	194.55	1,570.00
2	ZZCH0038	4	3.5in OD x 148in STEEL POST W/ RIVETED CAP	47.1100	338.00	188.44	1,352.00
3	ZZCH0068	2	3.5in OD x 184in STEEL POST POST W/RIVETED CAP	57.1100	394.00	114.22	788.00
4	ZZCH0258	4	3.5in OD x 224in STEEL POST W/CAP	65.5100	550.00	262.04	2,200.00
5	ZZCH0388	4	3.5in OD x 246in LARGE SHADE HAT POST (96in & 108in DECK)	132.5000	531.00	530.00	2,124.00
6	ZZCH0891	1	FILLER POST- MIGHTY DESCENT SLIDE 96in DECK (CH)	44.5000	500.00	44.50	500.00
<b>Decks &amp; Kick Plates</b>							
7	ZZCH0616	3	SQUARE COATED DECK ASSEMBLY	54.8600	1,432.00	164.58	4,296.00
8	ZZCH0617	2	TRIANGULAR COATED DECK ASSEMBLY	29.9000	1,005.00	59.80	2,010.00
9	ZZCH0636	1	DOUBLE SLIDE COATED DECK ASSEMBLY	63.8600	1,472.00	63.86	1,472.00
10	ZZUN2290	1	COATED DECK TO DECK CONNECTION KIT	0.2900	0.00	0.29	0.00
<b>ADA Items</b>							
11	ZZCH0683	1	NUVO- 36in TRANSFER STATION	236.6100	3,541.00	236.61	3,541.00
12	ZZCH2007	1	TRANSFER STATION w/TALL GUARDRAILS (36in DECK)	144.9000	2,234.00	144.90	2,234.00
13	ZZUN2019	1	APPROACH STEP FOR TRANSFER STATION	35.8300	557.00	35.83	557.00
<b>Slides</b>							
14	ZZCH3236	1	ZIGZAG SLIDE (60in DECK)	153.7300	2,730.00	153.73	2,730.00
15	ZZCH3538	1	NUVO 36in DOUBLE SLIDE	157.2900	2,723.00	157.29	2,723.00
16	ZZCH4696	1	MIGHTY DESCENT	748.5000	11,361.00	748.50	11,361.00
<b>Activity Panels</b>							
17	ZZCH4290	1	POST MOUNTED STEERING WHEEL	7.8300	453.00	7.83	453.00
18	ZZCH4578	1	ANYWHERE SEAT	31.1000	723.00	31.10	723.00
19	ZZCH4671	1	CH PANEL FRAME- DECK LEVEL	32.8700	521.00	32.87	521.00
20	ZZUN4673	1	A-MAZE-ING INSERT	14.5100	1,053.00	14.51	1,053.00
<b>Barriers</b>							
21	ZZCH4095	1	CENTERLINE PIPE WALL BARRIER	28.7400	669.00	28.74	669.00
<b>Climbers</b>							
22	ZZCH4707	1	CONVERGE	714.9000	14,239.00	714.90	14,239.00
23	ZZCH6757	1	5ft GEO CLIMBER	120.4600	2,916.00	120.46	2,916.00
24	ZZCH7087	1	CLIMBING SQUARES BLOCK CLIMBER (36in)	129.1200	2,451.00	129.12	2,451.00
25	ZZCH7160	1	6ft TWISTED CLIMBER	117.6500	2,989.00	117.65	2,989.00
26	ZZCH7957	1	SILO CLIMBER (72in DECK)	82.3200	1,491.00	82.32	1,491.00





# Ivy Hills Playground

Steel-Footed Post/Installation:

Design Number: IH\_20250303\_01\_03 - Pricing Schedule  
2525 Pricing - Valid For : 30 Days From Quote Date

Ref. No.	Part No.	Qty.	Description	Unit Weight (lbs)	Unit List (US\$)	Total Weight (lbs)	Total List (US\$)
27	ZZCH8289	2	RIBBON CLIMBER (36in DECK)	35.0200	969.00	70.04	1,938.00
<b>Overhead Events</b>							
28	ZZCH5770	1	LEG LIFT	6.7600	204.00	6.76	204.00
<b>Audible Activities</b>							
29	ZZCH4409	1	ACCESSIBLE BELL PANEL	22.1600	1,171.00	22.16	1,171.00
30	ZZCH4649	1	POST MOUNT DRUM	12.7800	626.00	12.78	626.00
<b>Roofs &amp; Arches</b>							
31	ZZCH4716	1	12ft SQUARE HAT SHADE	415.0000	6,715.00	415.00	6,715.00
<b>Stairs and Ladders</b>							
32	ZZCH9170	1	24in ACCESS STEPPED PLATFORM (DECK TO DECK)	135.2400	3,337.00	135.24	3,337.00
33	ZZCH9177	1	36in ACCESS STEPPED PLATFORM (DECK TO DECK)	217.2400	5,116.00	217.24	5,116.00
<b>Total:</b>						<b>5,257.86</b>	<b>86,070.00</b>
<b>Independent Items:</b>							
1	ZZXX0065	1	SPIN CUP	57.2100	1,830.00	57.21	1,830.00
2	ZZXX0219	1	ARCH SWING- ROPE BASKET SEAT	85.8000	2,653.00	85.80	2,653.00
3	ZZXX0260	2	BELT SEAT W/SILVER SHIELD CHAIN FOR 8ft TOP RAIL	8.8000	181.00	17.60	362.00
4	ZZXX0265	1	INFANT SEAT W/SILVER SHIELD FOR 8ft TOP RAIL	11.3100	314.00	11.31	314.00
5	ZZXX0635	1	SWING ALONG SEAT TO 8ft TOP RAIL	31.8400	1,331.00	31.84	1,331.00
6	ZZXX0664	1	CONCERTO 3 CONGAS	62.2000	3,078.00	62.20	3,078.00
7	ZZXX0666	1	CONCERTO VIBES	134.8200	6,291.00	134.82	6,291.00
8	ZZXX0848	1	FREESTANDING COMMUNICATION BOARD (DOUBLE) (CH)	108.0000	3,603.00	108.00	3,603.00
9	ZZXX0931	1	5in OD 2-UNIT STEEL ARCH SWING- 8ft TOP RAIL	417.0000	3,280.00	417.00	3,280.00
10	ZZXX0933	1	5in OD STEEL ARCH SWING 2-UNIT ADD-A-BAY	249.3000	2,152.00	249.30	2,152.00
11	ZZXX0941	1	5in OD ARCH SWING ADD-A-BAY (MULTI-USER)	250.5000	3,358.00	250.50	3,358.00
12	ZZXX1158	1	ACCESSIBLE WHIRL	968.3000	16,810.00	968.30	16,810.00
13	ZZXX1411	2	6ft BACKED MOUNTED BENCH (PVC SEAT/BK & PWDR COAT FRM)	84.8900	709.00	169.78	1,418.00
<b>Total:</b>						<b>2,563.66</b>	<b>46,480.00</b>
<b>Grand Total:</b>						<b>7,821.52</b>	<b>132,550.00</b>

Please Note:





# Ivy Hills Playground

Steel-Footed Post/Installation:

Design Number: IH\_20250303\_01\_03 - Pricing Schedule

2525 Pricing - Valid For : 30 Days From Quote Date

Ref. No.	Part No.	Qty.	Description	Unit Weight (lbs)	Unit List (US\$)	Total Weight (lbs)	Total List (US\$)
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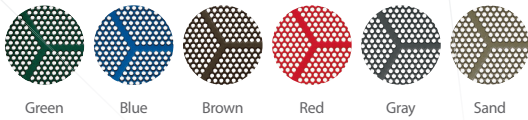
1. When placing an order for this project, the drawing number is representative of the Playmakers, Challengers or Explorers playstructure only. Items listed under 'Independent Items' must be listed on your purchase order separately to be included.





# COLOR SELECTION

## PLASTISOL COATING COLORS



Green

Blue

Brown

Red

Gray

Sand

## ROPE COLORS

\*Special order colors



Red

Orange\*

Yellow\*

Golf Green\*

Bright Green\*

Green

Khaki\*

Blue

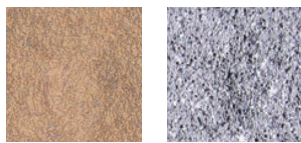
Purple\*

Beige

Steel Grey\*

Black

## BOULDERS COLORS



Desert Sand

Slate

## ROTOMOLDED COLORS



Red

Yellow

Tropical Yellow

Orange

Lime

Chartreuse

Green

Forest Green

Teal

Sky

Cyan

Blue

Cobalt

Burgundy

Lavender

Plum

Beige

Brownstone

Brown

Dark Brown

White

Graystone

Light Gray

Gray

Black (Roofs Only)

## POLYCARBONATE COLORS



Blue

Green

Orange

Purple

Red

Yellow

## 2-COLOR SHEET PLASTIC



Red-Sand

Red-Yellow

Yellow-Sand

Orange-Sand

Lime-Sand

Forest Green-Sand

Blue-Sand

Blue-Yellow

Blue-White

Cobalt-Sand

Plum-Sand

Beige-Forest Green

Beige-Red

Beige-Gray

Dark Brown-Sand

Gray-Black

Black-White

White-Black

## COMPONENT & POST COLORS



Red

Yellow

Tropical Yellow

Orange

Lime

Chartreuse

Green

Forest Green

Teal

Azure

Blue

Cobalt

Burgundy

Lavender

Plum

Beige

Sand

Brown

Dark Brown

White

Silver

Light Gray

Metallic Gray

Black (Posts & Clamps Only)

## 1-COLOR SHEET PLASTIC



Red

Yellow

Orange

Lime

Forest Green

Blue

Cobalt

Plum

Beige

Dark Brown



# Poured-In-Place (PIP) Surfacing

# Color Chart

## Standard Color Blends



50% Tan 50% Black



50% Terra Cotta 50% Black



50% Green 50% Black



50% Blue 50% Black

## Available Colors



Terra Cotta



Orange



Yellow



Gold



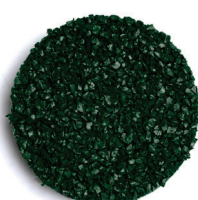
Brown



Tan



Light Green



Green



Teal



Purple



Light Blue



Blue



**No Fault® Surfaces**  
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Baton Rouge, LA 70809  
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### DISCLAIMER:

The colors as shown will not be an exact match to the product in the field.



**PROUDLY SERVING:**

**MINNESOTA  
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SINCE 1991**



## ABOUT US

Since 1991, Midwest Playscapes, Inc. has established an excellent reputation as the premier playground and park consultant in Minnesota, Wisconsin, Iowa, North Dakota, and South Dakota. Our clientele spans Landscape Architects, schools, parks and recreation departments, multi-housing, and faith-based organizations. Offering comprehensive services encompassing design, consultation, sales, construction, safety inspections, auditing, relocation, and replacement parts. Midwest Playscapes, as a generational family-owned business, prioritizes excellent customer service to forge enduring partnerships. References are available upon request, backed by our extensive training and experience in playgrounds, fitness areas, shade and shelter, and landscape construction, including over 2,000 company installations and 500 community-built projects.

## OUR SERVICES



### DESIGN

Partnering with our clients, we craft captivating experiences through the design of playgrounds, parks, and landscapes. We specialize in inclusive playgrounds, collaborating with child developmental psychologists, schools supporting children with Autism Spectrum Disorders (ASD), and other child experts. We look forward to working together with you on your upcoming playground.



### PLANNING

We offer complimentary consultation services to our clients, evaluating their needs, informing them of their options, and advising them in creating a plan to accomplish their project goals, within their budget constraints. Our consultation services include Inclusive Playground Design, 3D CAD Design, Site Planning, Fund Raising, ADA Evaluation, Equipment Inspection/Audit/Repair/Install/Relocation, and more.



### CONSTRUCTION

Our project planners work closely with our clients and on-staff installers (CPSI/RISC), to guarantee precise implementation of the plan during the construction phase. Our in-house installation crews ensure quality installations are completed in a timely and professional manner. We offer both full and community-build installations.



### SAFETY INSPECTIONS

Our playground designers, consultants, and installers are certified by the National Playground Safety Institute as Certified Playground Safety Inspectors. Our team can provide complete written playground audits or streamlined visual inspections.



### RELOCATION & RE-SURFACING

We are available to assist you in relocating playgrounds of any size, irrespective of the manufacturer, across the entire Midwest region. Contact us to explore how we can upgrade your playground surface, transitioning from sand/pea gravel to an inclusive and accessible option like poured-in-place or artificial turf.





With a legacy spanning over three decades, Midwest Playscapes, Inc. remains at the forefront of the commercial recreation industry. We take pride in contributing to our communities by crafting sustainable, accessible, and inclusive environments, encompassing playgrounds, fitness areas, and public spaces. Our representation of esteemed manufacturers, such as Playworld Systems, Earthscapes, ID Sculptures, Outdoor-Fit, RCP Shelters, USA Shade, Berliner, Hags, and others, reflects our commitment to excellence.

### OUR STAFF

Our staff of experienced professionals includes: 5 Certified Playground Safety Inspectors, 3 Inclusive Design Certified Project Planners, a dedicated placement parts person, factory-certified installers, a dedicated installation coordinator, an in-house CAD design department, and 3 fully outfitted installation crews.



Operating across Minnesota, Wisconsin, Iowa, North Dakota, and South Dakota, covering an expansive population of over 17 million people, we consistently prioritize delivering unparalleled customer service. Our steadfast commitment to this principle is evident in our proven track record.

### MANUFACTURER AWARDS

- 2024 Playworld \$9 Million Club
- 2024 Playworld World’s Largest Project
- 2023 Playworld Jones Award
- 2023 Playworld \$9 Million Club
- 2022 Playworld \$6 Million Club
- 2021 Playworld \$5 Million Club
- 2020 Playworld \$2 Million Club
- 2019 Playworld \$2 Million Club
- 2018 Playworld \$2 Million Club
- 2017-2001 Playworld \$1 Million Club
- 2017 Top Customer Satisfaction Award
- 2016 Top Customer Satisfaction Award
- 2014, 2012, 2010, 2002, & 2001 Bronze Award Of Excellence.
- 2012 & 2010 Playworld Systems Most Improved Organization
- 2010 Top Three Playworld Distributors
- 2004 Award Of Excellence For Customer Satisfaction & Service

### PROUDLY REPRESENTING



TOLL FREE: 1-800-747-1452  
Info@MidwestPlayscapes.com  
8632 Eagle Creek Circle  
Savage, MN 55378



## Midwest Playscapes, Inc.

We are proud to provide the following project references as examples of our experience delivering high-quality, community-focused playground and park environments. Each of these projects highlights our ability to collaborate closely with municipalities, schools, and design teams to bring thoughtful, inclusive play spaces to life.

### Project References

#### 1. Project Name: Turtle Island Park

**Project Location:** City of Beloit, Wisconsin

**Project Value:** \$1,200,000

**Contact:** Tonya Johann

Director of Parks & Recreation

Phone: (608) 364-5786

Email: [johannt@beloitwi.gov](mailto:johannt@beloitwi.gov)





TOLL FREE: 1-800-747-1452

Info@MidwestPlayscapes.com

8632 Eagle Creek Circle

Savage, MN 55378



**2. Project Name:** Ponds Park

**Project Location:** City of Prior Lake, Minnesota

**Project Value:** \$350,000

**Contact:** Steve Hart

Parks & Recreation Manager, Public Works

Phone: (952) 447-9822

Email: [shart@PriorLakeMN.gov](mailto:shart@PriorLakeMN.gov)





TOLL FREE: 1-800-747-1452

Info@MidwestPlayscapes.com

8632 Eagle Creek Circle

Savage, MN 55378



**3. Project Name:** Clear Creek Amana Schools

**Project Location:** Coralville, Iowa

**Project Value:** \$193,000

**Contact:** Maury Gallagher

Buildings & Grounds Director

3023 220th Trail, Amana, IA 52203

Phone: (319) 622-3255 | Cell: (319) 533-7367

Email: [maurygallagher@ccaschools.org](mailto:maurygallagher@ccaschools.org)

Website: [www.ccaschools.org](http://www.ccaschools.org)







PlayPower LT Farmington, Inc.  
878 E. US Hwy 60  
Monett, MO 65708  
1-800-325-8828

Northland Recreation LLC  
10085 Bridgewater Bay  
Woodbury, MN 55129  
(651) 815-4097 (phone)  
(414) 395-8538 (fax)

**Bill To: City of Mendota Heights**

1101 Victoria Curve  
Mendota Heights, MN 55118

**Contact Name: Meredith Lawrence**

**Contact Phone: 651-255-1354**

**Contact Email:**

**mlawrence@mendotaheightsmn.gov**

**Project Name & Location:**

Ivy Hills Park  
645 Butler Avenue  
Mendota Heights, MN 55118

**Ship To Address:**

Same

Quote Date: 7/23/25

Valid For - 140 days

<u>Qty</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total</u>
1	Little Tikes Custom SkyBuilder for 5-12 Year Olds		\$68,914.95
	Age Signs, Benches and Overhead Events		
1	Little Tikes Ground Level Accessible Whirl		\$10,716.55
1	Little Tikes 5 Unit Swing with 2 Belt Seats, 1 Tot		\$5,151.90
	Seat, 1 Accessible Seat and 1 Two Person Seat		
1	Little Tike PlayBuilder 2-5 Year Old Play Structure		\$15,621.45
	Includes – Tot Builder Friendly Fence and		
	Communication Sign Board and Age Signs.		
1	Remove Existing Play Structure and Prepare for Kids		No Charge
	Around the World.		
1	Remove Existing Ground Cover Off Site and Prep Site		\$24,128.55
	For New Plan.		
1	Installation of New Play Equipment – Includes additional		\$39,958.60
	Site work – moving timbers, concrete work etc.		
150 cy	New Woodfiber Resilient Surfacing Installed - Includes		\$9,108.00
	6 – Rubber Swing and Slide Mats		
1,497	Sq.Ft. No Fault Poured in Place Rubber Surfacing		\$26,400.00
	Per plan		

**Totals:**

Notes: Little Tikes has partnered with Kids Around the World to offer free installed playgrounds to less fortunate countries. Central America, South America, and Africa are a few examples. Last year KATW installed 21 playgrounds.

Equipment List:	\$100,404.85
Products by Other:	\$35,508.00
Installation:	\$64,087.15
Estimated Sales Tax*:	Exempt
Freight:	Included
<b>Grand Total:</b>	<b>\$200,000.00</b>



**Make Purchase Orders Out To:**  
**PlayPower LT Farmington, Inc.**

Remit Purchase Orders To:  
PlayPower LT Farmington, Inc.  
Attention: Sales Administration  
878 E US Hwy 60  
Monett, Missouri, USA 65708  
1-800-325-8828

**Make Checks Payable To:**

PlayPower LT Farmington, Inc.  
Remit Checks To:  
PlayPower LT Farmington, Inc.  
P.O. 734155  
Dallas, TX 75373-4155

**NOTE:**

\* Applicable sales taxes will be confirmed once order and any tax certificates are received

† Denotes drop ship item.

Unloading, storage, installation, surfacing and site work are not included unless specifically noted on quotation.

Not responsible for filter cloth, irrigation rerouting, grass damage, or checking for underground utilities.

If installation is quoted, it is assumed that the site has been prepared and that any grade slope in any direction does not exceed 2%. In the event that unexpected soil conditions, such as subsurface rock, are encountered during installation, additional costs to the customer will be applicable.

The acceptance signature below serves as authorization to order the items quoted and indicates acceptance of the prices listed. All terms are subject to credit approval.

**COMMENTS:**

This playground contains 96.69% recycled content  
This playground qualifies for 2 LEED point(s)

This Quote shall not become a binding contract until signed and delivered by both Customer and PlayPower LT Farmington Inc ("PPLT"). Sales Representative is not authorized to sign this Quote on behalf of PPLT or Customer, and signed Quotes cannot be accepted from Sales Representative. To submit this offer, please sign below and forward a complete signed copy of this Quote directly to "PPLT Sales Administration" via fax (417)354-2273 or email [outdoordes@LTCPS.com](mailto:outdoordes@LTCPS.com). Upon acceptance, PPLT will return a fully-signed copy of the Quote to Customer (with copy to Sales Representative) via fax or e mail.

THIS QUOTE IS LIMITED TO AND GOVERNED BY THE TERMS CONTAINED HEREIN. PPLT objects to any other terms proposed by Customer, in writing or otherwise, as material alterations, and all such proposed terms shall be void. Customer authorizes PPLT to ship the Equipment and agrees to pay PPLT the total amount specified. Shipping terms are FOB the place of shipment via common carrier designated by PPLT. Payment terms are Net-30 days from invoice date with approved credit and all charges are due and payable in full at PO Box 204713, Dallas, TX 75320-4713, unless notified otherwise by PPLT in writing. Customer agrees to pay all additional service charges for past due invoices. Customer must provide proper tax exemption certificates to PPLT, and shall promptly pay and discharge all otherwise applicable taxes, license fees, levies and other impositions on the Equipment at its own expense.

CUSTOMER HEREBY SUBMITS ITS OFFER TO PURCHASE THE EQUIPMENT ACCORDING TO THE TERMS STATED IN THIS QUOTE AND SUBJECT TO FINAL APPROVAL BY PPLT.

\_\_\_\_\_  
**Submitted By**

\_\_\_\_\_  
**Printed Name and Title**

\_\_\_\_\_  
**Date**

THE FOREGOING QUOTE AND OFFER ARE HEREBY APPROVED AND ACCEPTED BY PLAYPOWER LT FARMINGTON INC.

By: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date: \_\_\_\_\_



#### ADDITIONAL TERMS & CONDITIONS OF SALE

1. Use & Maintenance. Customer agrees to regularly inspect and maintain the Equipment, and to provide, inspect and maintain appropriate safety surfacing under and around the Equipment, in accordance with PPLT's product literature and the most current Consumer Product Safety Commission Handbook for Public Playground Safety.

2. Default, Remedies & Delinquency Charges. Customer's failure to pay any invoice when due, or its failure to otherwise comply with the terms of this Quote, shall constitute a default under all unsatisfied invoices ("Event of Default"). Upon an Event of Default, PPLT shall have all remedies available to it at law or equity, including, without limitation, all remedies afforded a secured creditor under the Uniform Commercial Code. Customer agrees to assist and cooperate with PPLT to accomplish its filing and enforcement of mechanic's or other liens with respect to the Equipment or its location or its repossession of the Equipment, and Customer expressly waives all rights to possess the Equipment after an Event of Default. All remedies are cumulative and not alternative, and no exercise by PPLT of a remedy will prohibit or waive the exercise of any other remedy. Customer shall pay all reasonable attorneys' fees plus any costs of collection incurred by PPLT in enforcing its rights hereunder. Subject to any limitations under law, Customer shall pay to PPLT as liquidated damages, and not as a penalty, an amount equal to 1.5% per month of any payment that is delinquent in such month and is not received by PPLT within ten (10) days after the date on which due.

3. Limitation of Warranty/ Indemnity. PPLT MAKES NO EQUIPMENT WARRANTIES EXCEPT FOR THOSE STANDARD WARRANTIES ISSUED WITH THE EQUIPMENT, WHICH ARE INCORPORATED HEREIN BY THIS REFERENCE. PPLT SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. CUSTOMER AGREES TO DEFEND, INDEMNIFY AND SAVE PPLT HARMLESS FROM ALL CLAIMS OF ANY KIND FOR DAMAGES OF ANY KIND ARISING OUT OF CUSTOMER'S ALTERATION OF THE EQUIPMENT, ITS FAILURE TO MAINTAIN THE EQUIPMENT, ITS FAILURE TO PROPERLY SUPERVISE EQUIPMENT USE, OR ITS FAILURE TO PROVIDE AND MAINTAIN APPROPRIATE TYPES AND DEPTHS OF SAFETY SURFACING BENEATH AND AROUND THE EQUIPMENT IN ACCORDANCE WITH PPLT'S INSTALLATION AND OWNER'S MANUALS AND THE MOST CURRENT CONSUMER PRODUCT SAFETY COMMISSION HANDBOOK FOR PUBLIC PLAYGROUND SAFETY.

4. Restrictions. Until all amounts due hereunder are paid in full, Customer shall not: (i) permit the Equipment to be levied upon or attached under any legal process; (ii) transfer title to the Equipment or any of Customer's rights therein; or (iii) remove or permit the removal of the Equipment to any location not specified in this Quote.

5. Purchase Money Security Interest. Customer hereby grants, pledges and assigns to PPLT, and PPLT hereby reserves a purchase money security interest in, the Equipment in order to secure the payment and performance in full of all of Customer's obligations hereunder. Customer agrees that PPLT may file one or more financing statements, in order to allow it to perfect, acquire and maintain a superior security interest in the Equipment.

6. Choice of Law and Jurisdiction. All agreements between Customer and PPLT shall be interpreted, and the parties' obligations shall be governed, by the laws of the State of Missouri without reference to its choice of law provisions. Customer hereby consents to the personal jurisdiction of the state and federal courts located in the city and county of St. Louis, Missouri.

7. Title; Risk of Loss; Insurance. PPLT Retains full title to all Equipment until full payment is received by PPLT. Customer assumes all risk of loss or destruction of or damage to the Equipment by reason of theft, fire, water, or any other cause, and the occurrence of any such casualty shall not relieve the Customer from its obligations hereunder and under any invoices. Until all amounts due hereunder are paid in full, Customer shall insure the Equipment against all such losses and casualties.

8. Waiver; Invalidity. PPLT may waive a default hereunder, or under any invoice or other agreement between Customer and PPLT, or cure such a default at Customer's expense, but shall have no obligation to do either. No waiver shall be deemed to have taken place unless it is in writing, signed by PPLT. Any one waiver shall not constitute a waiver of other defaults or the same kind of default at another time, or a forfeiture of any rights provided to PPLT hereunder or under any invoice. The invalidity of any portion of this Quote shall not affect the force and effect of the remaining valid portions hereof.

9. Entire Agreement; Amendment; Binding Nature. This fully-executed Quote, as supplemented by Change Orders and invoices containing exact amounts of estimates provided herein, constitutes the complete and exclusive agreement between the parties. A Change Order is a written instrument signed by the Customer and PPLT stating their agreement as to any amendment in the terms of this Quote. Customer acknowledges that Change Orders may result in delays and additional costs. The parties agree that all Change Orders shall include appropriate adjustments in price and time frames relating to any requested amendments. Upon full execution, this Quote shall be binding upon and inure to the benefit of the parties and their successors and assigns.

10. Counterparts; Electronic Transmission. This Quote, any invoice, and any other agreement between the parties, may be executed in counterparts, each of which shall constitute an original. The facsimile or other electronic transmission of any signed original document, and retransmission of any signed facsimile or other electronic transmission, shall be the same as the transmission of an original. At the request of either party, the parties will confirm facsimile or other electronically transmitted signatures by signing an original document.





PlayPower LT Farmington, Inc.  
878 E. US Hwy 60  
Monett, MO 65708  
1-800-325-8828

Northland Recreation LLC  
10085 Bridgewater Bay  
Woodbury, MN 55129  
(651) 815-4097 (phone)  
(414) 395-8538 (fax)

**Bill To: City of Mendota Heights**

1101 Victoria Curve  
Mendota Heights, MN 55118

**Contact Name: Meredith Lawrence**

**Contact Phone: 651-255-1354**

**Contact Email:**

**mlawrence@mendotaheightsmn.gov**

**Project Name & Location:**

Ivy Hills Park

645 Butler Avenue

Mendota Heights, MN 55118

**Ship To Address:**

Same

Quote Date: 7/23/25

Valid For - 140 days

## Alternate Quote

<u>Qty</u>	<u>Description</u>	<u>Unit Price</u>	<u>Total</u>
1	Little Tikes Custom SkyBuilder for 5-12 Year Olds Age Signs, Benches and Overhead Events		\$68,914.95
1	4 - Little Tikes Ground Level Musical Instruments.		\$10,716.55
1	Little Tikes 5 Unit Swing with 2 Belt Seats, 1 Tot Seat, 1 Accessible Seat and 1 Two Person Seat		\$5,151.90
1	Little Tike PlayBuilder 2-5 Year Old Play Structure Includes – Tot Builder Friendly Fence and Communication Sign Board and Age Signs.		\$15,621.45
1	Remove Existing Play Structure and Prepare for Kids Around the World.		No Charge
1	Remove Existing Ground Cover Off Site and Prep Site For New Plan.		\$24,128.55
1	Installation of New Play Equipment – Includes additional Site work – moving timbers, concrete work etc.		\$39,958.60
150 cy	New Woodfiber Resilient Surfacing Installed - Includes 6 – Rubber Swing and Slide Mats		\$9,108.00
1,497	Sq.Ft. No Fault Poured in Place Rubber Surfacing Per plan		\$26,400.00

**Totals:**

Notes: Little Tikes has partnered with Kids  
Around the World to offer free installed  
playgrounds to less fortunate countries.  
Central America, South America, and  
Africa are a few examples. Last year  
KATW installed 21 playgrounds.

Equipment List:	\$100,404.85
Products by Other:	\$35,508.00
Installation:	\$64,087.15
Estimated Sales Tax*:	Exempt
Freight:	Included
<b>Grand Total:</b>	<b>\$200,000.00</b>



**Make Purchase Orders Out To:**  
**PlayPower LT Farmington, Inc.**

Remit Purchase Orders To:  
PlayPower LT Farmington, Inc.  
Attention: Sales Administration  
878 E US Hwy 60  
Monett, Missouri, USA 65708  
1-800-325-8828

**Make Checks Payable To:**

PlayPower LT Farmington, Inc.  
Remit Checks To:  
PlayPower LT Farmington, Inc.  
P.O. 734155  
Dallas, TX 75373-4155

**NOTE:**

\* Applicable sales taxes will be confirmed once order and any tax certificates are received

† Denotes drop ship item.

Unloading, storage, installation, surfacing and site work are not included unless specifically noted on quotation.

Not responsible for filter cloth, irrigation rerouting, grass damage, or checking for underground utilities.

If installation is quoted, it is assumed that the site has been prepared and that any grade slope in any direction does not exceed 2%. In the event that unexpected soil conditions, such as subsurface rock, are encountered during installation, additional costs to the customer will be applicable.

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**COMMENTS:**

This playground contains 96.69% recycled content  
This playground qualifies for 2 LEED point(s)

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CUSTOMER HEREBY SUBMITS ITS OFFER TO PURCHASE THE EQUIPMENT ACCORDING TO THE TERMS STATED IN THIS QUOTE AND SUBJECT TO FINAL APPROVAL BY PPLT.

\_\_\_\_\_  
**Submitted By**

\_\_\_\_\_  
**Printed Name and Title**

\_\_\_\_\_  
**Date**

THE FOREGOING QUOTE AND OFFER ARE HEREBY APPROVED AND ACCEPTED BY PLAYPOWER LT FARMINGTON INC.

By: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Date: \_\_\_\_\_



#### ADDITIONAL TERMS & CONDITIONS OF SALE

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3. Limitation of Warranty/ Indemnity. PPLT MAKES NO EQUIPMENT WARRANTIES EXCEPT FOR THOSE STANDARD WARRANTIES ISSUED WITH THE EQUIPMENT, WHICH ARE INCORPORATED HEREIN BY THIS REFERENCE. PPLT SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. CUSTOMER AGREES TO DEFEND, INDEMNIFY AND SAVE PPLT HARMLESS FROM ALL CLAIMS OF ANY KIND FOR DAMAGES OF ANY KIND ARISING OUT OF CUSTOMER'S ALTERATION OF THE EQUIPMENT, ITS FAILURE TO MAINTAIN THE EQUIPMENT, ITS FAILURE TO PROPERLY SUPERVISE EQUIPMENT USE, OR ITS FAILURE TO PROVIDE AND MAINTAIN APPROPRIATE TYPES AND DEPTHS OF SAFETY SURFACING BENEATH AND AROUND THE EQUIPMENT IN ACCORDANCE WITH PPLT'S INSTALLATION AND OWNER'S MANUALS AND THE MOST CURRENT CONSUMER PRODUCT SAFETY COMMISSION HANDBOOK FOR PUBLIC PLAYGROUND SAFETY.

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6. Choice of Law and Jurisdiction. All agreements between Customer and PPLT shall be interpreted, and the parties' obligations shall be governed, by the laws of the State of Missouri without reference to its choice of law provisions. Customer hereby consents to the personal jurisdiction of the state and federal courts located in the city and county of St. Louis, Missouri.

7. Title; Risk of Loss; Insurance. PPLT Retains full title to all Equipment until full payment is received by PPLT. Customer assumes all risk of loss or destruction of or damage to the Equipment by reason of theft, fire, water, or any other cause, and the occurrence of any such casualty shall not relieve the Customer from its obligations hereunder and under any invoices. Until all amounts due hereunder are paid in full, Customer shall insure the Equipment against all such losses and casualties.

8. Waiver; Invalidity. PPLT may waive a default hereunder, or under any invoice or other agreement between Customer and PPLT, or cure such a default at Customer's expense, but shall have no obligation to do either. No waiver shall be deemed to have taken place unless it is in writing, signed by PPLT. Any one waiver shall not constitute a waiver of other defaults or the same kind of default at another time, or a forfeiture of any rights provided to PPLT hereunder or under any invoice. The invalidity of any portion of this Quote shall not affect the force and effect of the remaining valid portions hereof.

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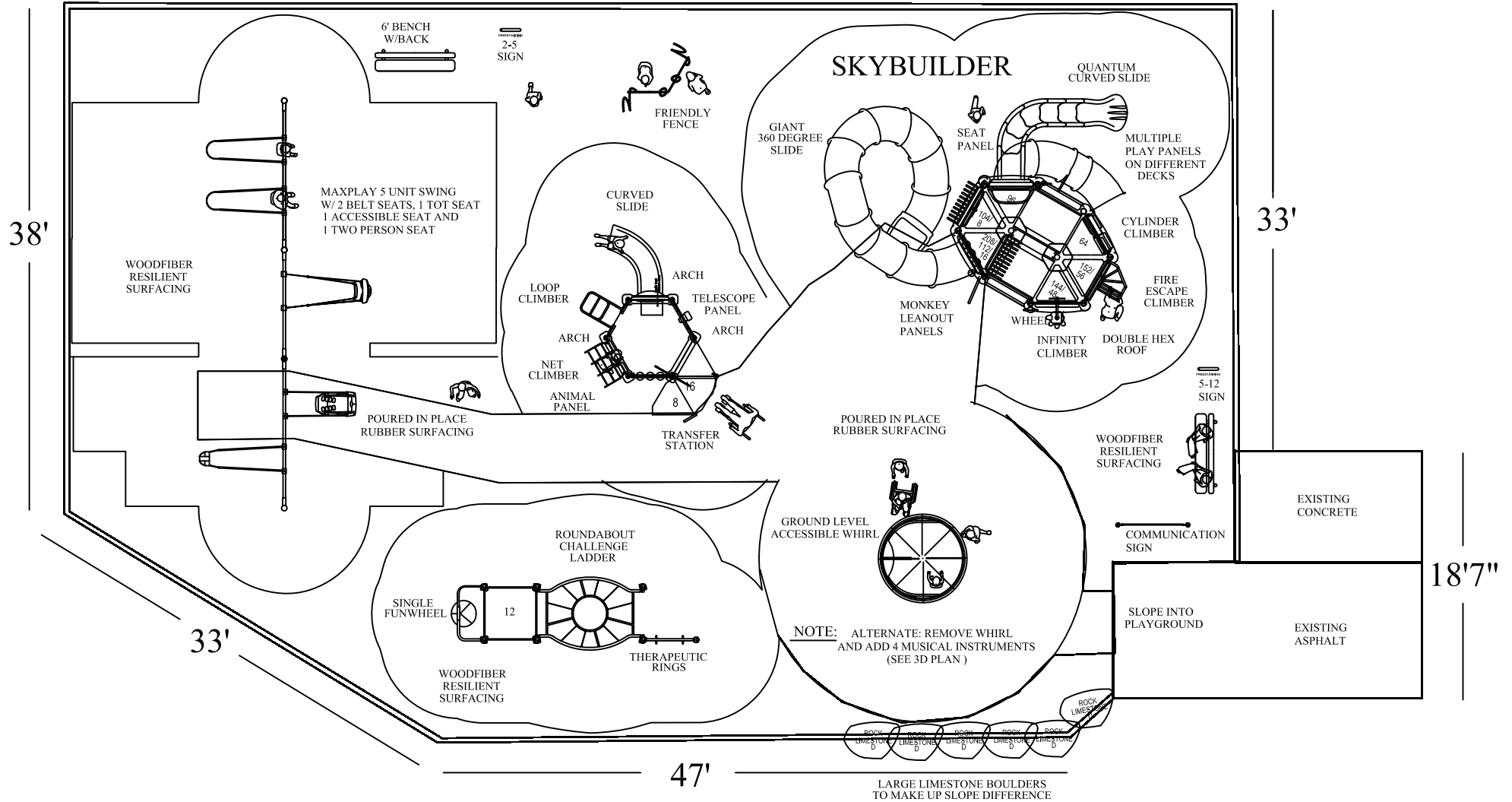


# IVY HILLS PARK

## CITY OF MENDOTA HEIGHTS



87'8"





# Ivy Hills Park

## City of Mendota Heights

little tikes. COMMERCIAL

NR NORTHLAND  
RECREATION





# Why Little Tikes COMMERCIAL?

At Little Tikes Commercial, we believe in the developmental value of play. We understand that play is necessary for healthy child development, and that's why our play structures are specifically designed to encourage the physical, social, emotional, cognitive and sensory development of children of all abilities. Our commitment to delivering fun, innovative play structures that promote value of outdoor play has been a focus of our designs for over 40 years.

Little Tikes Commercial strongly **believes play for children of all ages and abilities should include fewer limits**. It's why we are big advocates of inclusive and accessible playgrounds for meaningful play. Our playgrounds help children play and take part in a variety of truly inclusive activities.

Main Office and Manufacturing Facility in Monette MO

## GREAT PRODUCTS BEGIN WITH QUALITY MATERIALS.



Routed HDPE



Composite Polymer Resin



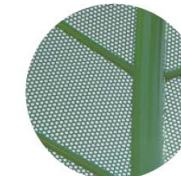
Natural Wood - Robinia



Printed Graphic Panels



Composite Wood



Perforated Steel



Hard Coated Foam



Welded Steel



Electronic & Solar  
Interactives



Precast Concrete



Glass Fiber Reinforced  
Concrete



Polyester-Wrapped,  
Steel-Reinforced Rope



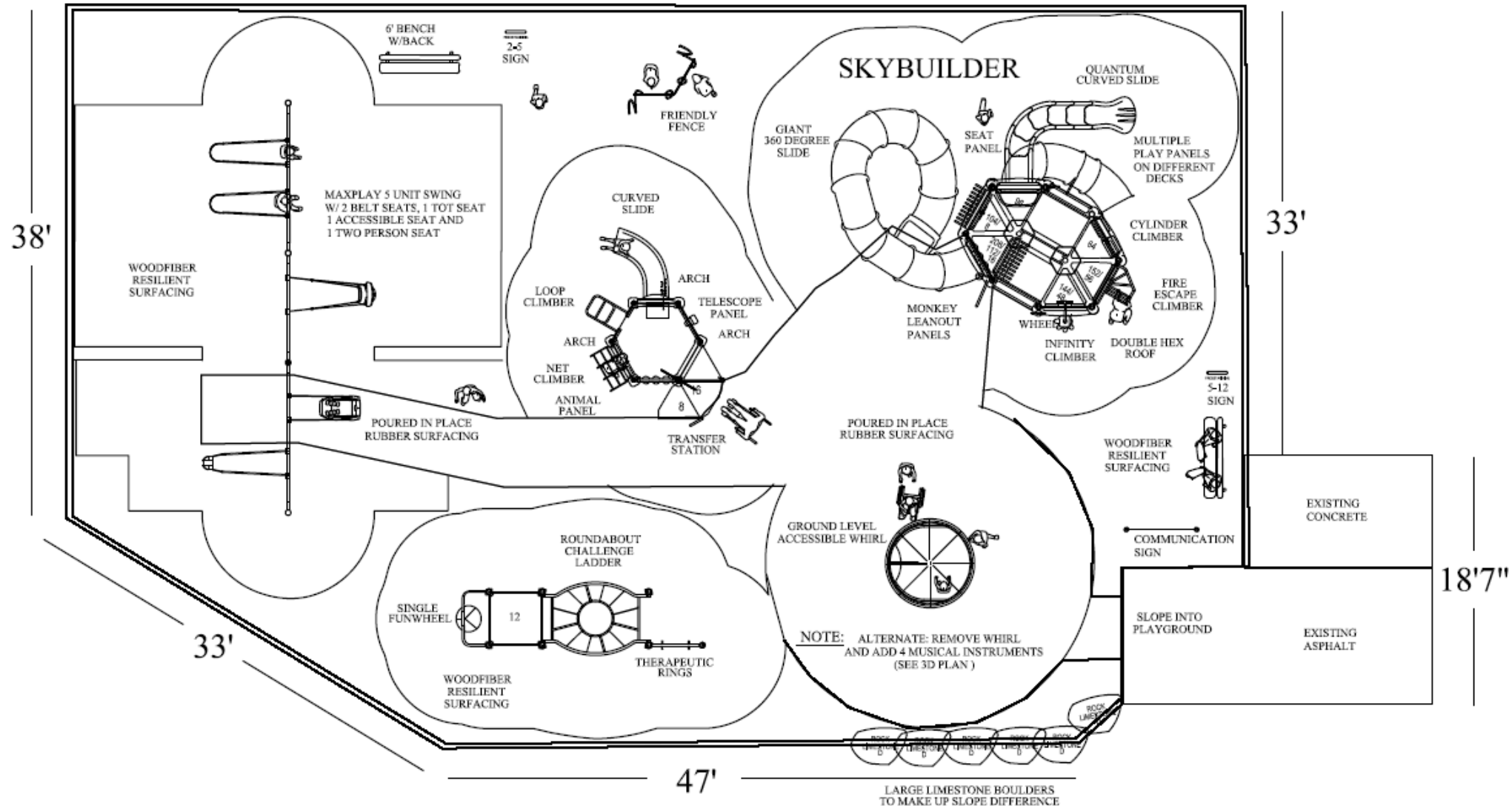


# IVY HILLS PARK

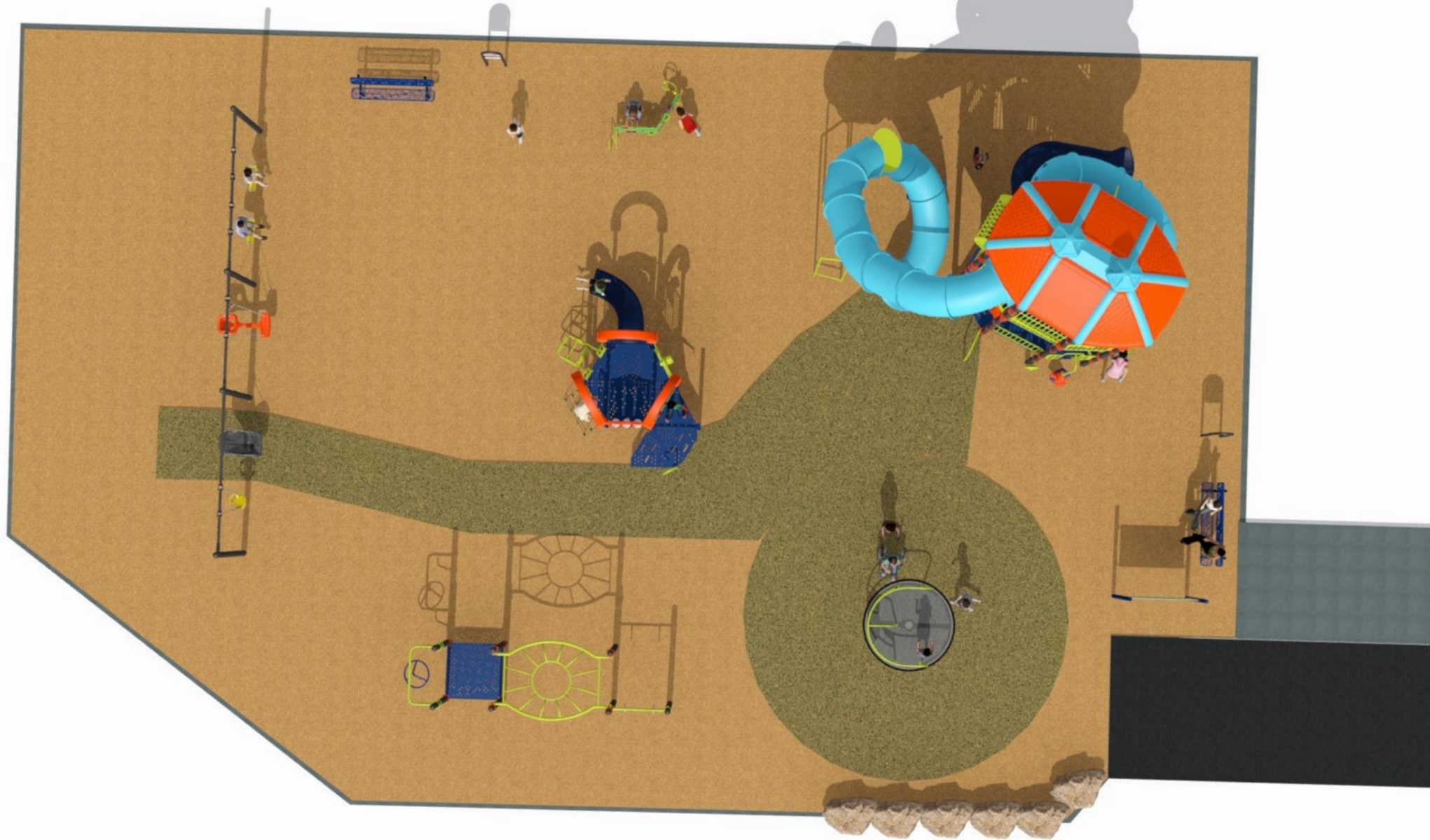
## CITY OF MENDOTA HEIGHTS



87'8"































ALTERNATE MUSICAL EQUIPMENT  
IN LIEU OF SPINNER









ALTERNATE MUSICAL EQUIPMENT  
IN LIEU OF SPINNER





ALTERNATE MUSICAL EQUIPMENT  
IN LIEU OF SPINNER





## WARRANTY

Little Tikes Commercial Brand warrants its products against structural failure due to defects in materials and workmanship for the warranty periods and material categories prescribed below.

Buyer agrees that products sold by PPLT Farmington, Inc. (PlayPower Little Tikes Commercial) carry only the following warranties:

- LIMITED WARRANTY FOR AS LONG AS YOU OWN THE PRODUCT:** Aluminum deck posts, steel deck posts, stainless steel hardware, cast aluminum parts, and KidBuilder® steel clamps.
- LIMITED FIFTEEN (15) YEAR WARRANTY:** All rigid steel playground components, decks, steps, and weldments, rotationally molded and sheet plastic components, plastic lumber, roof panels, and stainless steel slides, except as otherwise specified below.
- LIMITED TEN (10) YEAR WARRANTY:** Fabric shade steel frames, Naturtek™ products, Shadesure™ and Colourshade FR fabrics (Note Exception: Limited Five (5) Year Warranty on Shadesure™ fabrics in colors Red, Yellow, Electric Purple, Zesty Lime, Cinnamon, and Olive.)
- LIMITED EIGHT (8) YEAR WARRANTY:**
  - Fiberglass signage, accessible swing seats, precast PolyFiberCrete or precast concrete products.
  - LandSoft Synthetic Turf safety surfacing against deterioration of specified attenuation performance and appearance.
  - Integrated shade fabric and components against rot, UV deterioration and defects in materials and workmanship (Note Exception: Limited Three (3) Year Warranty for fabric in shades of red).
- LIMITED FIVE (5) YEAR WARRANTY:**
  - Clever Climbers™ products, including, but not limited to polyethylene slides, enclosures, main structure, decks, and plastic components.
  - PVC coating and PE coating against cracking or peeling.
  - Park and Site Amenities (i.e. benches, tables, trash receptacles, etc.).
  - GFRP (Glass Fiber Reinforced Polymer) Products.
  - Steel core cable nets and rope fittings and connections (Note Exception: Warranty does not cover normal wear and tear such as fraying or fading of cable coating).
- LIMITED THREE (3) YEAR WARRANTY:** KidTiles®, Playground Sculptures, KidRiders® products (excluding spring assemblies), flexible belting, plastic border timbers and accessories, and electronic panel speakers, sound chips, and circuit boards.
- LIMITED ONE (1) YEAR WARRANTY:**
  - Learning Lab Sensory Tables and Tot Tree plastic components.
  - Belt Swing Seats, and Bucket Tot Swing Seats.
  - All other products, components and custom pieces that are not specifically listed above, including, without limitation, all moving parts, such as swing hangers and bearings, swivels, chains, whirls, springs and flexible components, and all high wear items, such as trolleys, cables, wheels, and bumper stops related to rail and cable ride products.

**BUYER'S REMEDY:** If any products prove defective or non-conforming under normal use and within the above-prescribed warranty periods and material categories, Buyer must promptly notify Little Tikes Commercial in writing at 878 E. Hwy 60, Monett, MO 65708 USA. Little Tikes Commercial may elect to inspect the alleged defect at Buyer's expense at Little Tikes Commercial's facility. Buyer shall not return products to Little Tikes Commercial unless authorized by Little Tikes Commercial to do so. Authorized returns must be properly packaged and shipped prepaid and insured, at Buyer's expense. Upon verification of warranty coverage, Little Tikes Commercial may elect, in its sole discretion, to repair defective or non-conforming products, or replace them by delivering products or part(s) of similar functionality free of charge to the site. Little Tikes Commercial's limited warranties do not cover the cost of labor to remove defective or non-conforming part(s) or to install repaired or replacement part(s). By use of these limited warranties, Buyer accepts their terms and limitations, and waives any rights it would otherwise have to claim or assert that such warranties fail of their essential purpose. Buyer agrees that venue for any court action to enforce these limited warranties shall be in Barry or Greene Counties in the State of Missouri.

**LIMITATIONS:** All warranty periods begin on the date of Little Tikes Commercial's invoice. Repaired and/or replacement part(s) are warranted only for the balance of the original limited warranty period. Warranties extend only to the original Buyer/end user for products purchased from Little Tikes Commercial or a Little Tikes Commercial authorized reseller and are not transferable.

Warranties apply only to Little Tikes Commercial products that are erected and installed in conformance with Little Tikes Commercial's installation instructions, and that are maintained and inspected in conformance with Little Tikes Commercial maintenance and operational instructions.

Warranties specifically do not cover Little Tikes Commercial products:

- for cosmetic damage or flaws occurring under normal use, such as surface scratches, minor chips, hairline cracks, dents, marring, efflorescence, color fade (except for shade fabric as noted above), discoloration, corrosion/rust, fraying, or warping of recycled plastic lumber;
- that have been modified, altered, or repaired by unauthorized third parties;
- that have not been used as designed or intended, or misused;
- to which non-Little Tikes Commercial parts have been added or substituted;
- that have been removed from their original location and re-installed elsewhere;
- or that have been damaged due to excessive wear and tear, vandalism, abnormal use, abuse, negligence, environmental factors (such as wind-blown sand, salt spray, or airborne emissions from industrial sources), extreme weather (such as hail, flooding, lightning, tornadoes, sandstorms, earthquakes, or wind storms), and acts of God.

Little Tikes Commercial does not warrant that any particular color will be available for any specific period of time, and reserves the right, in its sole discretion, to discontinue any color for any reason.

**THE FOREGOING LIMITED WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY FOR SELLER'S PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, IN LAW OR IN FACT. SELLER SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE OR PURPOSE, AND ANY IMPLIED WARRANTIES ARISING OUT OF COURSE OF DEALING OR PERFORMANCE OR TRADE USAGE. SELLER SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, SPECIAL, OR PUNITIVE DAMAGES, OR ANY LOSS OF REVENUE, PROFIT OR USE, ARISING OUT OF A BREACH OF THIS WARRANTY OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, OPERATION OR REPAIR OF ANY PRODUCT. IN NO EVENT WILL SELLER BE LIABLE FOR ANY AMOUNT GREATER THAN THE PURCHASE PRICE OF A DEFECTIVE PRODUCT.**

878 E. Highway 60 / Monett, Missouri, USA 65708 / [littletikescommercial.com](http://littletikescommercial.com)  
USA 800-325-8828 CANADA 800-265-9953 INTERNATIONAL +1 417-235-6917

D70185 Rev. B - January 01, 2020

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# CERTIFICATE OF REGISTRATION

## PlayPower L.T. Farmington, Inc.

Main Site: 878 Highway 60, Monett, Missouri, 65708, United States

Additional Site: 907 East County Road, Monett, Missouri, 65708, United States

This is to certify that the management system has been registered by Intertek as conforming to the requirements of:

## ISO 14001:2015

The management system is applicable to:

Main site: Design, manufacture and worldwide shipping of playground and recreation equipment and marine dock systems.

Additional site: Manufacturing of rotary plastic molding.

The validity of this certificate depends on the validity of the Main certificate #EMS-0033

Certificate Number:

EMS-0033-b

Initial Certification Date:

21 September 2008

Date of Certification Decision:

01 September 2020

Issuing Date:

01 September 2020

Valid Until:

20 September 2033



Intertek

Calin Moldoveanu  
President, Business Assurance

Intertek Testing Services NA, Inc. dba Intertek  
900 Chelmsford Street,  
Lowell, MA, USA



In the issuance of this certificate, Intertek assumes no liability to any party other than to the Client, and then only in accordance with the agreed Upon Certification Agreement. This certificate's validity is subject to the organization maintaining their system in accordance with Intertek's requirements for systems certification. Validity may be confirmed via email at [certificate.validation@intertek.com](mailto:certificate.validation@intertek.com) or by scanning the code to the right with a smartphone.

The certificate remains the property of Intertek, to whom it must be returned upon request.  
CT-ISO14001:2015-ANAB-EN-LT-32 dec 17







PlayPower LT Farmington, Inc.  
878 E. US Hwy 60  
Monett, MO 65708  
1-800-325-8828

## PARTS LIST

<b>To:</b>	<b>Project Name &amp; Location:</b>	<b>Prepared by:</b>
Meredith Lawrence City of Mendota Heights 1101 Victoria Curve Mendota Heights, MN 55118 651-255-1354 (phone) mailto:meredithl@mendota-heights.com	Ivy Hills Park 645 Butler Ave Medota Heights, MN 55118	Northland Recreation LLC Mike Dorsey Woodbury, MN 55129 (651) 815-4097 (phone) mike@northlandrec.com

## Parts List

Components			
Part Number	Description	Qty	Unit Price
188MIRAGE	Mirage Swing Seat (gray only) f/ 8' beams only	1	1,451.00
200007045	Tic-Tac-Toe Panel, deck mount	1	1,744.00
200007099	Seat Panel, below deck only	1	939.00
200008193	TOOL BOX KID BUILDERS #2, S.S. (MM)	1	0.00
200013795	KB 120" POST W/CAP	2	413.00
200013798	KB 136" POST W/CAP	6	456.00
200013801	KB 176" POST W/CAP	1	590.00
200023511	Find-The-Dino/Maze, Arched Top, deck mount	1	1,202.00
200069057	KB 200" POST W/CAP	2	678.00
200079019	Leg Lift Loop	1	294.00
200114727	Safety Rail, 9 bar w/ tab for wheel, deck mount (flat top)	2	763.00
200200197	Deck-To-Deck, 305 mm (12" ) with faces (accent color)	1	204.00
200200417	2440mm (8') Maxplay Single Swing Add-on Frame (frame only)	1	1,233.00
200200530	KIT MAINTENANCE KB W/PAINT W/O LIST	1	0.00
200200690	Infinity Wing Climber, 1220mm (48")deck, Ground to Deck	1	2,401.00
200201090	KB Therapeutic Rings	1	692.00
200202202	MAXPLAY 8' STANDARD BEAM (frame only) two seat per bay	1	1,730.00
200202204	MAXPLAY 8' ADD-ON STANDARD BEAM (frame only) two seat	1	1,553.00
200202241	Roundabout Overhead	1	1,719.00
200202251	Fire Escape Climber 56"	1	2,172.00
200202270	Single Funwheel	1	1,451.00
200202350	ARCH SIGN SM STD 2Y-5Y PNL INDEPT.SGL	1	877.00
200202351	ARCH SIGN SM STD 5Y-12Y PNL INDEPT.SGL	1	877.00
200202483	KB Deck Square Large Hole 11GA	1	1,379.00
200202613	PB 106" POST W/CAP	1	228.00
200202614	PB 114" POST W/CAP	2	251.00
200202618	PB 146" POST W/CAP	6	295.00
200202698	Tunnel Slide 5280MM (208") ING	1	14,437.00
200202705	SkyBuilder 17'4" f/KB no Slides Included	1	59,513.00
200202835	ASSY BELT SEAT F/8' SWING W/CHAIN	2	168.00
200202836	ASSY TOT SEAT F/8' SWING W/CHAIN	1	292.00
200203319	Cylinder Climber 64" with Wire Mesh Enclosure	1	3,114.00
200203398	KB 225" POST PLUS W/CAP	1	785.00
200203399	KB 237" POST PLUS W/CAP	2	816.00
200203423	Generation Swing	1	1,331.00
200203574	Steering Wheel, plastic, post mount	1	321.00
200203575	Steering Wheel, aluminum, rail mount	2	323.00



200203872	Surface Spinner	1	16,810.00
200203874	Post Players Double Bells Post Mount F/KB	1	853.00
LTSG303D	6' Bench with Back - Diamond - In-ground	2	605.00

### Components

Part Number	Description	Qty	Unit Price
100005640	Triangle Deck	1	717.00
200054650	Animal Panel, arch, plastic, above deck	1	1,892.00
200061699	Loop Climber, 915 mm (36") deck	1	1,302.00
200083503	Transfer Station, 610 mm (24")	1	2,055.00
200087529	Arch (plastic)	3	571.00
200200033	Climbing Net, 915 mm (36") deck, w/safety loops, green or beige cable	1	2,034.00
200200161	Elbow Slide, Left, 1016 mm (40") Maxplay style	1	1,297.00
200200197	Deck-To-Deck, 305 mm (12" ) with faces (accent color)	4	204.00
200200650	Telescope Panel, PB, deck mt.	1	1,663.00
200202993	HEX DECK	1	3,534.00
200203886	Unlimited Play Single Sided Communication Board	1	1,606.00
LT0902	Tot Builders Friendly Fence	1	3,108.00

#### Make Purchase Orders Out To:

PlayPower LT Farmington, Inc.

#### Remit Purchase Orders To:

PlayPower LT Farmington, Inc.  
Attention: Sales Administration  
878 E US Hwy 60  
Monett, Missouri, USA 65708  
1-800-325-8828

#### Make Checks Payable To:

PlayPower LT Farmington, Inc.

#### Remit Checks To:

PlayPower LT Farmington  
PO Box 734155  
Dallas, TX 75373-4155





## SECTION 116813 – PLAYGROUND EQUIPMENT

### PART 1 – GENERAL

- 1.1 Description: R0324252170 Ivy Hills Park
- 1.2 Quality Assurance:
  - 1.2.1 Equipment and Design Qualifications:
    - 1.2.1.1 All playground equipment shall comply with all the requirements of CPSC, ASTM, ADA and will be IPEMA certified.
    - 1.2.1.2 All safety fall zones shall be determined in accordance with ASTM 1487-07 and CPSC Handbook for Public Playground Safety Publication number 325. All playground equipment designs shall be evaluated and signed off by a NPSI certified playground inspector.
- 1.3 Manufacturer Qualifications:
  - 1.3.1 The manufacturer of the playground equipment must carry a minimum of 10 million dollars of liability insurance with an AM best rating. The manufacturer of the playground equipment must have a minimum of 10 years experience in manufacturing commercial playground equipment.
- 1.4 Applicable Standards
  - 1.4.1 ASTM F1487-07  
Standard consumer performance specification for playground equipment for public use.
  - 1.4.2 CPSC Handbook for Public Playground Safety, publication number 325.
  - 1.4.3 CSA Z614-20
  - 1.4.4 EN 1176-98 (if requested)  
European Standard for Playground equipment
  - 1.4.5 All manufactured components must be IPEMA certified  
International Playground Equipment Manufacturers Association.

### PART 2 – PRODUCTS

2.1	
Part Number	Description
100005640	Triangle Deck
105295	BAG ZIPLOCK 12" X 14"
188MIRAGE	Mirage Swing Seat (gray only) f/ 8' beams only
200007045	Tic-Tac-Toe Panel, deck mount
200007099	Seat Panel, below deck only
200008193	TOOL BOX KID BUILDERS #2, S.S. (MM)
200013795	KB 120" POST W/CAP
200013798	KB 136" POST W/CAP



200013801	KB 176" POST W/CAP
200023511	Find-The-Dino/Maze, Arched Top, deck mount
200054650	Animal Panel, arch, plastic, above deck
200061699	Loop Climber, 915 mm (36") deck
200069057	KB 200" POST W/CAP
200079019	Leg Lift Loop
200083503	Transfer Station, 610 mm (24")
200087529	Arch (plastic)
200111492	Label, Identification stamped w/rivets
200114727	Safety Rail, 9 bar w/ tab for wheel, deck mount (flat top)
200200033	Climbing Net, 915 mm (36") deck, w/safety loops, green or beige cable
200200161	Elbow Slide, Left, 1016 mm (40") Maxplay style
200200197	Deck-To-Deck, 305 mm (12" ) with faces (accent color)
200200417	2440mm (8') Maxplay Single Swing Add-on Frame (frame only) one seat per bay
200200530	KIT MAINTENANCE KB W/PAINT W/O LIST
200200650	Telescope Panel, PB, deck mt.
200200690	Infinity Wing Climber, 1220mm (48")deck, Ground to Deck
200201090	KB Therapeutic Rings
200202202	MAXPLAY 8' STANDARD BEAM (frame only) two seat per bay
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200202351	ARCH SIGN SM STD 5Y-12Y PNL INDEPT.SGL
200202483	KB Deck Square Large Hole 11GA
200202613	PB 106" POST W/CAP
200202614	PB 114" POST W/CAP
200202618	PB 146" POST W/CAP
200202698	Tunnel Slide 5280MM (208") ING
200202705	SkyBuilder 17'4" f/KB no Slides Included
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200203319	Cylinder Climber 64" with Wire Mesh Enclosure
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200203399	KB 237" POST PLUS W/CAP
200203423	Generation Swing
200203574	Steering Wheel, plastic, post mount
200203575	Steering Wheel, aluminum, rail mount
200203872	Surface Spinner

7/24/2025

QUOTE: R0324252170

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200203874	Post Players Double Bells Post Mount F/KB
200203886	Unlimited Play Single Sided Communication Board
200305597	14' LARGE CRATE (ASSY DOMESTIC)
787Z	RISK MANAGEMENT SIGN - ENGLISH
925601	LABEL P/C (2 TO 5 YRS) PPLT
925603	LABEL P/C (5 TO 12 YRS) PPLT
925960	THUMB DRIVE 2GB - PPLT
926461	LABEL, GENERATION SWG, 2YR-12YR, LT
INSTALL BOOK	INSTALL BOOK FOR PP ORDERS
LT0902	Tot Builders Friendly Fence
LTSG303D	6' Bench with Back - Diamond - In-ground

## 2.2 Manufacturer: PlayPower Operations, Monett, Missouri

### 2.3 General Equipment Specifications:

2.3.1 Plastic Caps shall fit snugly into 127 mm (5") and 33 mm (1.315") tube ends and shall be injection molded Low Density Polyethylene. This plastic shall be stabilized against ultraviolet (UV) degradation and shall have color molded in. All caps will be installed at the factory and 127 mm (5") caps will be secured with aluminum hammer drive pins.

2.3.2 Aluminum Caps shall fit snugly into 127 mm (5") tube ends. The Aluminum cap shall be made from SAE 413 aluminum with a minimum wall thickness of 4 mm. Prior to insertion into the post, all caps shall be painted per PPLT PAINT Specification. All caps will be installed at the factory and 127 mm (5") caps will be secured with aluminum hammer drive pins.

2.3.3 PPLT PAINT Specification: Primer shall be electrostatically applied and cured in an infrared oven. Paint shall be an electrostatically applied polyester TGIC (triglycidyl isocyanurate) powder coating which shall be cured at temperatures between 400 and 500 degrees Fahrenheit. The thickness of the combined primer/paint shall be between 5 mils and 11 mils. The polyester powder shall comply with ASTM standards: D-2794 (Impact Resistance Test), B-117 (Salt Spray Resistance Test), G26 (Weatherability Test), and D3359B (Adhesion Crosshatching Test).

2.3.4 PlayPower Operations ROTO Specification: Rotationally Molded Plastic Parts shall be molded from linear low density polyethylene with ultraviolet (UV) light stabilizers, anti-static guard (for Molding purposes) and color molded in. This material shall comply with ASTM-D-790 (Flex Modulus), ASTM -D-638 (Tensile Strength), ASTM-D-648 (Heat Deflection Temperature), ARM-STD (Low Temperature Impact) and rated UL 94.

2.3.5 PPLT PVC Specification: Textured Poly-Vinyl-Chloride coating shall be an average of 3 mm (.125") thick. Poly-vinyl-chloride coating shall be oven cured and textured for added traction when wet or dry.



- 2.3.6 Hardware: Bolts, Nuts, Screws, Threaded Spacers, Washers and Other Hardware used in the assembly of components shall be metric stainless steel and tamper resistant. All necessary hardware shall be provided.
- 2.3.7 Deck Clamp assemblies shall consist of two steel half-clamps. Clamp profiles shall be designed to eliminate protrusions. Clamps shall be die formed from 12 gauge HRPO steel. Clamps shall have a 6 mm (.25") radius rib formed in the top and bottom of the clamp for structural integrity. The clamp attachment bracket shall be formed from 11 gauge sheet steel and shall be welded securely to the clamp half. All clamp halves shall be zinc plated, yellow dichromate coated and phosphate coated before being TGIC (triglycidyl isocyanurate) polyester powder coated. Tamper-resistant fasteners shall be used to retain clamps and shall consist of M10 six lobe socket head stainless steel cap screws and M10 slab-base Tee nuts. All clamps shall be provided with aluminum hammer drive pins to protect against slippage.
- 2.3.8 Rail Clamp assemblies shall consist of two steel half-clamps. Clamp profiles shall be designed to eliminate protrusions. Clamps shall be die formed from 12 gauge HRPO steel. Clamps shall have a minimum 6 mm (.25") radius rib formed in the top and bottom of the clamp for structural integrity. All clamp halves shall be zinc plated, yellow dichromate coated and phosphate coated before being TGIC (triglycidyl isocyanurate) polyester powder coated. Tamper-resistant fasteners shall be used to retain clamps and shall consist of M10 six lobe socket head stainless steel cap screws and M10 slab-base Tee nuts. All clamps shall be provided with aluminum hammer drive pins to protect against slippage.
- 2.3.9 Wing and Panel Clamp assemblies shall consist of two steel half-clamps. Clamp profiles shall be designed to eliminate protrusions. Clamps shall be die formed from 12 gauge HRPO steel. Clamps shall have a 6 mm (.25") radius rib formed in the top and bottom of the clamp for structural integrity. The clamp wing bracket shall be formed from 7 gauge sheet steel and shall be welded securely to the clamp half. All clamp halves shall be zinc plated, yellow dichromate coated and phosphate coated before being TGIC (triglycidyl isocyanurate) polyester powder coated. Tamper-resistant fasteners shall be used to retain clamps and shall consist of M10 six lobe socket head stainless steel cap screws and M10 slab-base Tee nuts. All clamps shall be provided with aluminum hammer drive pins to protect against slippage.
- 2.3.10 All Steel Tube Components shall comply with ASTM standards: A-500, Or A-513. The steel tube components contain five layers including an inside galvanized coating, high tensile strength cold formed steel, hot dipped pure zinc meeting ASTM B-6 applied at 3.5 tenths of an ounce per square foot, and a proprietary conversion and advanced polymer coatings. The components are freed of excess weld spatter and shall be cleaned in



a multiple bath system which shall include a rust-inhibitive iron phosphate wash prior to painting. Exceptions: 127 mm (5") O.D. aluminum posts.

2.3.11 Brackets shall be fabricated from punched and formed 4.5 mm pre-galvanized sheet steel.

2.3.12 Gaskets shall be rubber injection molded from ultraviolet (U.V.) protected synthetic rubber. Rubber gaskets shall provide an aesthetic seal around the wonder fastener and bracket.

2.3.13 Footing for 127 mm (5") diameter upright posts shall be 305 mm (12") diameter x 940 mm (37") depth. Galvanized steel posts shall be 127 mm (5") O.D., 11 gauge pre-galvanized round tubing. Minimum tensile strength shall be 330MPa (48,000 psi). Minimum yield point shall be 310MPa (45,000 psi). The bottom portion of all upright posts shall be crimped slightly

2.3.14 Component Specifications:

2.3.15.1 11 Gauge Galvanized Steel Posts shall be 127 mm (5") O.D., 11 gauge pre-galvanized round tubing. Minimum tensile strength shall be 380MPa (55,000 psi). Minimum yield point shall be 345MPa (50,000 psi). The bottom portion of all upright posts shall be crimped slightly to enhance retention in concrete footings. Plastic caps shall fit into the uncrimped end of the 127 mm (5") tube. After fabrication, all posts shall be painted per PPLT PAINT Specification. TRIANGULAR VINYL CLAD METAL DECK shall be fabricated from 13 gauge hot rolled steel which shall be punched, formed and reinforced with welded in place 11 gauge strips and 7 gauge plates. Each triangular deck shall cover a minimum of 0.63 square meters (985 square inches) of top surface area, be a one-piece construction and be designed to maintain a full 1.2 m (48") on center post spacing. Decks shall have a pattern of equally spaced holes on each edge to provide flush mounting of play events that attach to the deck. This hole pattern shall allow multiple decks at the same level to be assembled providing a surface without size limitations. This assembly shall be coated per PPLT PVC Specification. COLORED KICK PLATES AND DECK TO DECK ACTIVITY PLATES shall be fabricated from 13 gauge (2.3 mm) pre-galvanized sheet steel for the 8", 12", and 16", 24", 28", and 32" plain models. Models with slots or Parachutes (24", 28", 32") shall be fabricated from 11 gauge (3.0 mm) pre-galvanized sheet steel. After fabrication, deck to deck plates shall be painted per PPLT PAINT Specification. 8", 12" and 16" plates shall have fun faces laser cut into them. 24", 28" and 32" plates shall have grooves cut into them with optional slider "Parachute/shapes" fabricated from CNC Routed high density polyethylene sheet. Deck to Deck Steps shall consist of welded tread, riser and stringer sections fabricated



from 13 gauge hot rolled steel. This assembly shall be coated per PPLT PVC Specification. Handrails shall be fabricated from 33 mm (1.315") O.D. pre-galvanized tubing and painted per PPLT PAINT Specification. SkyBuilder Enclosures shall be fabricated from 25.4 mm x 19 mm ob-round pre-galvanized steel tubing and 11 ga pre-galvanized sheet steel with laser cut detailing. The enclosures shall be an all welded construction. HEX ROOF shall be rotationally molded per PPLT ROTO Specification. Hardware: Bolts, Nuts, Washers and Other Hardware used in the assembly of components shall be Stainless Steel and be tamper resistant. All necessary hardware shall be provided.

2.3.15.2 13 GAUGE GALVANIZED STEEL POST shall be 127 mm (5") O.D., 13 gauge pre-galvanized round tubing. Minimum tensile strength shall be 380MPa (55,000 psi). Minimum yield point shall be 345MPa (50,000 psi). Plastic caps shall fit into the end of the 127 mm (5") tube. After fabrication, all posts shall be painted per PPLT PAINT Specification.

2.3.15.3 ACTIVITY PANELS, TIC-TAC-TOE, SPELLING, MATH, AND ANIMAL shall consist of a cylinder assembly and enclosure panel. Cylinders shall have vertical support bars which shall be fabricated from 25 mm (1") O.D., pre-galvanized steel tubing. Panel and cylinders shall be rotationally molded per PPLT ROTO Specification. The molded-in graphics shall not be raised above the surface of the plastic. Panel mounting brackets shall be fabricated from 7 gauge pre-galvanized sheet steel. After fabrication, all steel parts shall be painted per PPLT PAINT Specification.

2.3.15.4 ARCHES shall be rotationally molded per PPLT ROTO Specification.

2.3.15.5 CLIMBING NET shall be fabricated from rope consisting of six galvanized steel cables (2.5 mm O.D. each) twisted together and wrapped with 6mm of high strength polyester fiber. Each perpendicular joint shall be rigidly secured. Climbing Net shall be secured with a stainless steel eyenut to the deck edge and a stainless steel cleavis at the bottom. Available with hand hold loops or safety loops. Safety Loops shall be fabricated from 33 mm (1.315") O.D. and 3/4" X 1" FSO pre-galvanized steel tubing. Hand Hold Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts except for the Climbing Net shall be painted per PPLT PAINT Specification.

2.3.15.6 COLORED KICK PLATE AND DECK TO DECK ACTIVITY PLATES shall be fabricated from 13 gauge (2.3 mm) pre-galvanized sheet steel for the 8", 12", and 16" models and shall



have fun faces laser cut into them. The 24", 28", and 32" models shall be fabricated from 11 gauge (3.0 mm) pre-galvanized sheet steel. After fabrication, deck to deck plates shall be painted per PPLT PAINT Specification. 24", 28" and 32" plates shall have grooves cut into them with optional slider "Parachute/shapes" fabricated from CNC Routed high density polyethylene sheet.

2.3.15.7 Curvy Weldment - 1" 14Ga galvanized tube, 7Ga galvanized sheet, and painted per PPLT PAINT Specification  
Plastic Walls - 3/4" HDPE  
Play Events - 3/4" HDPE, 1/2" HDPE, rotationally molded LLDPE, 319 aluminum, 3/8" flexthead, 16mm Rope, 1.6MM stainless steel and 1/4" Koda XT  
Hardware - 18-8 grade stainless steel that requires tooling to install or remove

2.3.15.8 CYLINDER CLIMBERS W/ WIRE ENCLOSURES cylinders shall be rotationally molded per PPLT ROTO Specification and shall be bolted to a rigid back plate. The back plate for the cylinder climb shall be fabricated from 4.5mm (7 gauge) pre-galvanized sheet steel. Enclosures shall be fabricated from 33.4 mm (1.315") o.d. pre-galvanized steel tubing, 32 mm (1.25"), 25 mm (1") pre-galvanized steel square tubing, 5.7 mm (.224") galvanized steel wire mesh and 3 mm (11 gauge) pre-galvanized sheet steel. After fabrication all parts shall be painted per PPLT PAINT Specification.

2.3.15.9 ELBOW SLIDES side rails shall be a minimum of 229 mm (9") high from the slide surface. Slide and Slide Enclosure shall be rotationally molded per PPLT ROTO Specification. Slide end support shall be fabricated from 38 mm (1.5") square tubing. All steel tubing shall be painted per PPLT PAINT Specification.

2.3.15.10 Frame shall be fabricated from 60.3 mm (2.37") O.D. tubing and 13 ga galv sheetsteel. The frame shall be painted per PPLT PAINT Specification. Sign shall be a fiberglass embedment sign with an approximate graphics area of 559mm (22") x 333mm (13.1") and 3mm (0.125") thick. This sign will have a tensile strength of 12,000 psi, a compressive strength of 20,000 psi, a flexural strength of 18,000 psi, an impact strength of 6 ft.lbs./inch notch, a barcol hardness of 50, and a modulus of elasticity of 2,000,000 psi. The sign shall have an excellent resistance to mild acids, a fair resistance to alkalis, and an excellent resistance to solvents. The sign is to be fastened to the frame using all stainless steel hardware and will be fully supported by the steel frame.

2.3.15.11 Frame shall be fabricated from 60.3 mm (2-3/8") O.D. tubing and 12 ga galv steel Tube. The frame shall be painted per PPLT PAINT Specification. Sign shall be aluminum 3003-H14 .08" thick- powder coated white with screen printed overlay. The sign is to be



fastened to the frame using all stainless steel hardware and will be fully supported by the steel frame.

2.3.15.12 GENERATION SWING SEATs shall be rotationally molded from linear low density polyethylene with molded in graphics per PPLT ROTO Specification. Swing chains shall be 4/0 straight link galvanized steel coated per PPLT PVC Specification.

2.3.15.13 HEX VINYL CLAD METAL DECK shall cover a minimum of 2.6 square meters (4,150 square inches) of top surface area. Metal decks shall be fabricated from punched and formed 11 gauge hot rolled sheet steel. This assembly shall be coated per PPLT PVC Specification.

2.3.15.14 Identification label shall be fabricated from aluminum sheet .016" (4 mm) thick and attached with aluminum pop rivets.

2.3.15.15 KB FIRE ESCAPE LADDERS shall be fabricated from 42 mm (1.6") O.D. and 33.4 mm (1.315") pre-galvanized steel tubing. The climber shall be an all welded construction. Enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 3 mm (11 gauge) pre-galvanized sheet steel. After fabrication all parts shall be painted per PPLT PAINT Specification.

2.3.15.16 KB ROUNDABOUT OVERHEAD LADDER shall be designed to incorporate a one-piece, welded construction to ease installation. The overhead ladder shall be designed to work between posts on 1.2 m (48") centers for the width and on 2.4 m (8') centers for the length. The challenge ladder rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. After fabrication all parts shall be painted per PPLT PAINT Specification.

2.3.15.17 KID BUILDERS' PANELS, LIONS HEAD CRAWL TUNNEL (U.S. Patent D-381056), SEAT, COUNTER (U.S. Patent D-391615), ADJUSTABLE COUNTER, AND DOOR PANEL shall be rotationally molded per PPLT ROTO Specification. The molded in graphics shall not be raised above the surface of the panel.

2.3.15.18 LEG LIFT LOOP shall be fabricated from 33 mm (1.315") O.D., pregalvanized steel tube. Mounting tab shall be fabricated from 13 gauge pre-galvanized sheet steel. After fabrication, all parts to be painted per PPLT PAINT Specification.

2.3.15.19 LOOP CLIMBER shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The loop climber shall be an all welded construction. Enclosure shall be fabricated from 33 mm



(1.315") O.D. pre-galvanized steel tubing, 3/4" X 1" FSO pre-galvanized steel tubing and 4.5 mm (7 gauge) galvanized sheet steel. After fabrication all parts shall be painted per PPLT PAINT Specification.

2.3.15.20 Manufactured from roto-molded polyethylene with full UV protection. All fittings are stainless steel. Supplied with SMP galvanized swing chains and fixings to suit an 8â€™™ high swing beam. Optional fabric harness available.

2.3.15.21 MAX PLAYâ„¢ SWING beam shall be fabricated from 60 mm (2.375") O.D. 5 gauge pre-galvanized steel tube. Uprights shall be fabricated from 127 mm (5") O.D. 11 gauge pre-galvanized steel tube. The beam and uprights shall be painted per PPLT PAINT Specification. Anti Wrap-over swing bearings (U.S. Patent 6,123,480) shall be fabricated from 415D sand cast Aluminum Bronze with injection molded nylatron plastic sleeve.

2.3.15.22 PB Telescope Panels shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing, 19mm X 25.4mm obround pre-galvanized steel tubing, and laser cut plates fabricated from 3.0mm (11 gauge) pre-galvanized sheet steel. Telescopes shall be molded per PPLT ROTO Specification. Panels shall be painted per PPLT PAINT Specification.

2.3.15.23 SAFETY RAIL WITH ALUMINUM STEERING WHEEL shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing and 3/4" X 1" FSO pre-galvanized steel tubing. Side plates shall be fabricated from 3 mm (11 gauge) pre-galvanized sheet steel. The Safety Rails provide a non-climbable enclosure and shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. Deck mounted safety rails shall have a bottom plate fabricated from 3 mm (11 gauge) pre-galvanized sheet steel. Steering wheels shall be cast in alloy 319 aluminum of the Aluminum-Zinc-Magnesium type and comply to ASTM SC64d, UNS-AO3191, QQA-371e, and QQA-596d standards. Steering wheel shall mount to a 33 mm (1.315") O.D. pre-galvanized tube. After fabrication, all these components shall be painted per PPLT PAINT Specification.

2.3.15.24 SIGN PANEL shall provide enclosure and be non-climbable. Sign panel shall be rotationally molded per PPLT ROTO Specification. Any molded in graphics shall not be raised above the surface of the panel. Play Panels shall be fabricated from CNC Routed HDPE sheet. HDPE Panels mount inside of Rotationally molded panels.



- 2.3.15.25 SINGLE FUNWHEEL support beam shall be fabricated from 60 mm (2.375") O.D., 48.3 mm (1.90") O.D., and 33.4 mm (1.315") O.D. pre-galvanized steel tubing. A single spinning wheel shall be attached with a 32 mm (1.25") diameter stainless steel hex bolt, positioned between two bearings. The wheel is fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 38.1 mm (1.5") O.D. steel tubing. After fabrication all parts shall be painted per PPLT PAINT Specification.
- 2.3.15.26 SQUARE VINYL CLAD METAL DECK shall cover a minimum of 1.46 square meters (2,275 square inches) of top surface area, be a one-piece construction and be designed to maintain a full 1.2 m (48") on center post spacing. Metal decks shall be fabricated from 11 gauge hot rolled steel which shall be punched, formed and reinforced with welded in place 11 gauge strips and 7 gauge plates. Decks shall have a pattern of equally spaced holes on each edge to provide flush mounting of play events that attach to the deck. This hole pattern shall allow multiple decks to be assembled at the same level providing a surface without size limitations. This assembly shall be coated per PPLT PVC Specification.
- 2.3.15.27 Standard Belt Swing Seats shall be heavy duty construction, fabricated from 70 durometer EPDM rubber with a tempered steel insert molded inside, rendering them slash proof.
- 2.3.15.28 STEEL POST shall be 89 mm (3.5") O.D., 11 gauge pre-galvanized round tubing. Minimum tensile strength shall be 380MPa (55,000 psi). Minimum yield point shall be 345MPa (50,000 psi). Plastic caps shall be positioned in the top of each post. Posts shall be painted per PPLT PAINT Specification.
- 2.3.15.29 THERAPEUTIC RING beam shall be fabricated from 48.3 mm (1.90") O.D. pre-galvanized steel tube and painted per PPLT PAINT Specification. Ring handles shall be cast in alloy 319 aluminum of the Aluminum-Zinc-Magnesium type and comply to ASTM SC64d, UNS-AO3191, QQA-371e, and QQA-596d standards.
- 2.3.15.30 Tot Swing Seats shall be heavy duty construction, fabricated from black EPDM rubber with a tempered steel insert molded inside, rendering them slash proof. Tot seat shall be fully enclosed to prevent slipping out and provide lower back support. Two sizes of leg cutouts make this seat versatile enough to accommodate larger children with special needs also.
- 2.3.15.31 TRANSFER STATION WITH GUARD RAIL shall consist of two triangular decks and step assemblies for the handrails. Each triangular deck shall be fabricated from 13 gauge sheet steel, covering .37 square meters (575 square inches) and have three 25



x 152 mm (1" x 6") hand slots incorporated into the deck surface for aid in user transition. The step assemblies provide access from the transfer decks to a 915 mm (36"), 1016 mm (40"), 1220 mm (48"), 1422 mm (56"), 1625 mm (64") deck height. Each step shall have a tread depth of 406 mm (16") and a tread width of 953 mm (37.5"), with each rise 203 mm (8") or less. Each step assembly shall have an all welded construction from 13 gauge sheet steel. Each step assembly and Transfer Deck shall be coated per PPLT PVC Specification. Transfer Station Guard Rails shall be fabricated from 33 mm (1.315") O.D., pre-galvanized, 14 gauge tubing. Transfer Station loops shall be fabricated from 42.2 mm (1.66") O.D., pre-galvanized, 13 gauge tubing. All welded handrail assemblies shall be painted per PPLT PAINT Specification.

2.3.15.32 TUNNEL SLIDE shall be configured to approximately a 762 mm (30") internal diameter cross section. Tunnel slides shall be assembled using an overlap joint on section connections and shall not have any internal hardware. Tunnels, elbows and panels shall be rotationally molded per PPLT ROTO Specification. Tunnel slide end supports shall be fabricated from 38 mm (1.5") square, pre-galvanized steel tubing and mid supports shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Both supports shall be painted per PPLT PAINT Specification.

2.3.15.33 VINYL CLAD TRIANGLE DECK shall cover a minimum of .45 square meters (680 square inches) of top surface area. Metal decks shall be fabricated from punched and formed 11 gauge hot rolled sheet steel. This assembly shall be coated per PPLT PVC Specification.

2.3.15.34 Wings of Infinity Climber: Handholds and blanks shall be rotationally molded per PPLT ROTO Specification. The Support post shall be fabricated from 88.9mm (3.5") O.D. 11 ga. and 42.2mm (1.625") O.D. pre-galvanized tubing. The support post shall be painted per PPLT PAINT Specification.

## PART 3 – EXECUTION

### NOT USED



# CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

**Miracle Recreation Equipment, Inc. & EZ  
Dock Company/ Play Power L.T.  
Farmington, Inc. & Soft Play, LLC**

Main Site: 878 Highway 60, Monett, Missouri, 65708, United States

Additional Site: 907 E. County Road, Monett, Missouri, 65708, United States

has been registered by Intertek as conforming to the requirements of:

**ISO 14001:2015**

**The management system is applicable to:**

Overall Scope: Design, manufacture and worldwide shipping of playground and recreation equipment and marine dock systems.

Miracle Recreation Equipment, Inc. & EZ Dock Company

Main Site: Design, manufacture and worldwide shipping of playground and recreation equipment and marine dock systems.

Additional Site: Manufacturing of rotary plastic molding.

PlayPower L.T. Farmington, Inc. & Soft Play, LLC

Main Site: Design, manufacture and worldwide shipping of playground and recreation equipment.

Additional Site: Manufacturing of rotary plastic molding.

**Certificate Number:**

EMS-0033

**Initial Certification Date:**

21 September 2008

**Last Certification Expiry Date:**

20 September 2023

**Date of last Recertification Audit:**

04 August 2023

**Date of Certification Decision:**

02 October 2023

**Issuing Date:**

02 October 2023

**Valid Until:**

20 September 2026



**intertek**

**Calin Moldoveanu**

President, Business Assurance

Intertek Testing Services NA, Inc. dba Intertek  
900 Chelmsford Street,  
Lowell, MA, USA







# WARRANTY

Little Tikes Commercial Brand warrants its products against structural failure due to defects in materials and workmanship for the warranty periods and material categories prescribed below.

Buyer agrees that products sold by PPLT Farmington, Inc. (PlayPower Little Tikes Commercial) carry only the following warranties:

1. **LIMITED WARRANTY FOR AS LONG AS YOU OWN THE PRODUCT:** Aluminum deck posts, steel deck posts, stainless steel hardware, cast aluminum parts, and KidBuilder® steel clamps.
2. **LIMITED FIFTEEN (15) YEAR WARRANTY:** All rigid steel playground components, decks, steps, and weldments, rotationally molded and sheet plastic components, plastic lumber, roof panels, and stainless steel slides, except as otherwise specified below.
3. **LIMITED TEN (10) YEAR WARRANTY:** Fabric shade steel frames, Naturtek™ products, Shadesure™ and Colourshade FR fabrics (Note Exception: Limited Five (5) Year Warranty on Shadesure™ fabrics in colors Red, Yellow, Electric Purple, Zesty Lime, Cinnamon, and Olive.)
4. **LIMITED EIGHT (8) YEAR WARRANTY:**
  - Fiberglass signage, accessible swing seats, precast PolyFiberCrete or precast concrete products.
  - LandSoft Synthetic Turf safety surfacing against deterioration of specified attenuation performance and appearance.
  - Integrated shade fabric and components against rot, UV deterioration and defects in materials and workmanship (Note Exception: Limited Three (3) Year Warranty for fabric in shades of red).
5. **LIMITED FIVE (5) YEAR WARRANTY:**
  - Clever Climbers™ products, including, but not limited to polyethylene slides, enclosures, main structure, decks, and plastic components.
  - PVC coating and PE coating against cracking or peeling.
  - Park and Site Amenities (i.e. benches, tables, trash receptacles, etc.).
  - GFRP (Glass Fiber Reinforced Polymer) Products.
  - Steel core cable nets and rope fittings and connections (Note Exception: Warranty does not cover normal wear and tear such as fraying or fading of cable coating).
6. **LIMITED THREE (3) YEAR WARRANTY:** KidTiles®, Playground Sculptures, products flexible belting, plastic border timbers and accessories, and electronic panel speakers, sound chips, and circuit boards.
7. **LIMITED ONE (1) YEAR WARRANTY:**
  - Learning Lab Sensory Tables and Tot Tree plastic components.
  - Belt Swing Seats, and Bucket Tot Swing Seats.
  - All other products, components and custom pieces that are not specifically listed above, including, without limitation, all moving parts, such as swing hangers and bearings, swivels, chains, whirls, springs and flexible components, and all high wear items, such as trolleys, cables, wheels, and bumper stops related to rail and cable ride products.

**BUYER'S REMEDY:** If any products prove defective or non-conforming under normal use and within the above-prescribed warranty periods and material categories, Buyer must promptly notify Little Tikes Commercial in writing at 878 E. Hwy 60, Monett, MO 65708 USA. Little Tikes Commercial may elect to inspect the alleged defect at Buyer's site or at Little Tikes Commercial's facility. Buyer shall not return products to Little Tikes Commercial unless authorized by Little Tikes Commercial to do so. Authorized returns must be properly packaged and shipped prepaid and insured, at Buyer's expense. Upon verification of warranty coverage, Little Tikes Commercial may elect, in its sole discretion, to repair defective or non-conforming products, or replace them by delivering products or part(s) of similar functionality free of charge to the site. Little Tikes Commercial's limited warranties do not cover the cost of labor to remove defective or non-conforming part(s) or to install repaired or replacement part(s). By use of these limited warranties, Buyer accepts their terms and limitations, and waives any rights it would otherwise have to claim or assert that such warranties fail of their essential purpose. Buyer agrees that venue for any court action to enforce these limited warranties shall be in Barry or Greene Counties in the State of Missouri.

**LIMITATIONS:** All warranty periods begin on the date of Little Tikes Commercial's invoice. Repaired and/or replacement part(s) are warranted only for the balance of the original limited warranty period. Warranties extend only to the original Buyer/end user for products purchased from Little Tikes Commercial or a Little Tikes Commercial authorized reseller and are not transferrable.

Warranties apply only to Little Tikes Commercial products that are erected and installed in conformance with Little Tikes Commercial's installation instructions, and that are maintained and inspected in conformance with Little Tikes Commercial maintenance and operational instructions.

Warranties specifically do not cover Little Tikes Commercial products:

- for cosmetic damage or flaws occurring under normal use, such as surface scratches, minor chips, hairline cracks, dents, marring, efflorescence, color fade (except for shade fabric as noted above), discoloration, corrosion/rust, fraying, or warping of recycled plastic lumber;
- that have been modified, altered, or repaired by unauthorized third parties;
- that have not been used as designed or intended, or misused;
- to which non-Little Tikes Commercial parts have been added or substituted;
- that have been removed from their original location and re-installed elsewhere;
- or that have been damaged due to excessive wear and tear, vandalism, abnormal use, abuse, negligence, environmental factors (such as wind-blown sand, salt spray, or airborne emissions from industrial sources), extreme weather (such as hail, flooding, lightning, tornados, sandstorms, earthquakes, or wind storms), and acts of God.

Little Tikes Commercial does not warrant that any particular color will be available for any specific period of time, and reserves the right, in its sole discretion, to discontinue any color for any reason.

**THE FOREGOING LIMITED WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY FOR SELLER'S PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, IN LAW OR IN FACT. SELLER SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE OR PURPOSE, AND ANY IMPLIED WARRANTIES ARISING OUT OF COURSE OF DEALING OR PERFORMANCE OR TRADE USAGE. SELLER SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, SPECIAL, OR PUNITIVE DAMAGES, OR ANY LOSS OF REVENUE, PROFIT OR USE, ARISING OUT OF A BREACH OF THIS WARRANTY OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, OPERATION OR REPAIR OF ANY PRODUCT. IN NO EVENT WILL SELLER BE LIABLE FOR ANY AMOUNT GREATER THAN THE PURCHASE PRICE OF A DEFECTIVE PRODUCT.**





## IPEMA ASTM F1487-21 CERTIFICATE OF COMPLIANCE

**ISSUE DATE:** July 24, 2025

**Requested By:** Mike Dorsey

**Project:** Ivy Hills Park - City of Mendota Heights

In the interest of public playground safety, IPEMA provides a third-party certification service whereby TÜV SÜD America validates a manufacturer's certification of conformance to the ASTM F1487-21 (excluding sections 7.1.1, 10, 11.2, 11.3, 13.1.1, 13.1.2, 13.2, and 13.3) Standard Consumer Safety Performance Specification for Playground Equipment for Public Use.

The manufacturer listed below has received written validation from TÜV SÜD America that the product(s) listed conform with the requirements of ASTM F1487-21 (excluding sections 7.1.1, 10, 11.2, 11.3, 13.1.1, 13.1.2, 13.2, and 13.3).

This certificate is invalid if any component or part is replaced, unless purchased from the original manufacturer and assembled in accordance with the original equipment manufacturer's instructions. Check with the manufacturer to determine the validity of the certification of the product(s) listed prior to using this certificate for proof of certification.

MODEL #	COMMERCIAL NAME OF PRODUCT	PRODUCT LINE	MANUFACTURER
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200202705	SKYBUILDER 17'4" BASE UNIT	Kid Builder	Playpower LT Farmington, Inc.- formerly Little Tikes Commercial
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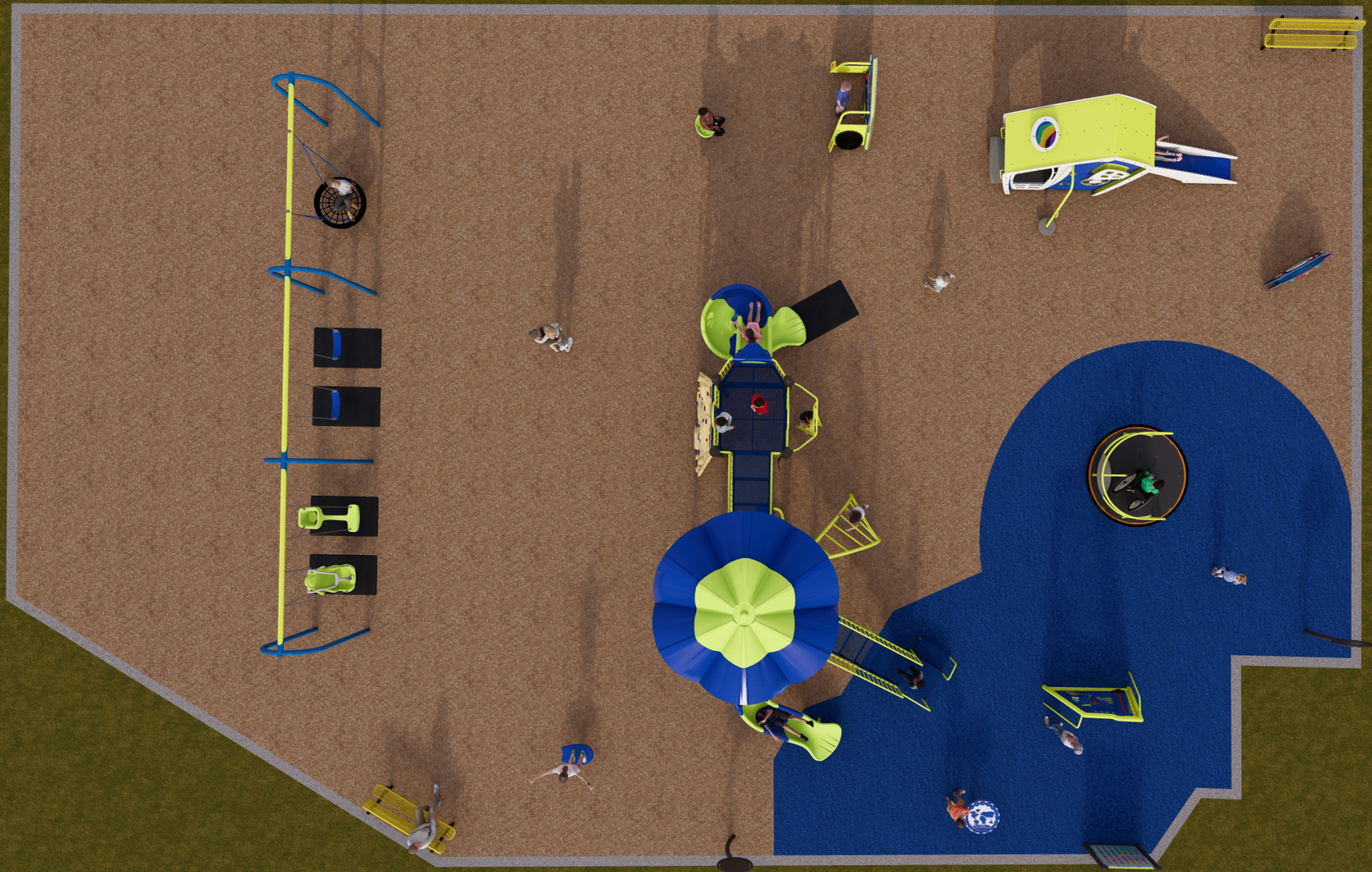
















Webber Recreational Design, Inc  
1442 Brooke Court  
Hastings, MN 55033

Miracle Recreation Equip. Co.  
878 E US Hwy 60  
Monett, MO 65708  
1-888-458-2752

OE25002478

Dear City of Mendota Heights,

Thank you for the opportunity to present the enclosed proposal. Our goal is to offer exceptional service from design through installation. It has been exciting to work with you on the design of this project, and I look forward to helping you make this design a reality.

The cost breakout for this proposal is as follows:

Miracle Products:	\$	93,427.44
Installation:	\$	42,156.00
Freight:	\$	4,523.00
Products by Other:	\$	59,280.00
Order Total:		\$ 199,386.44

A variety of materials regarding our play equipment and services is enclosed for your review. If you have any questions or need further information, please do not hesitate to give me a call.

Sincerely,

Jay A. Webber- President  
WEBBER RECREATIONAL DESIGN, Inc.

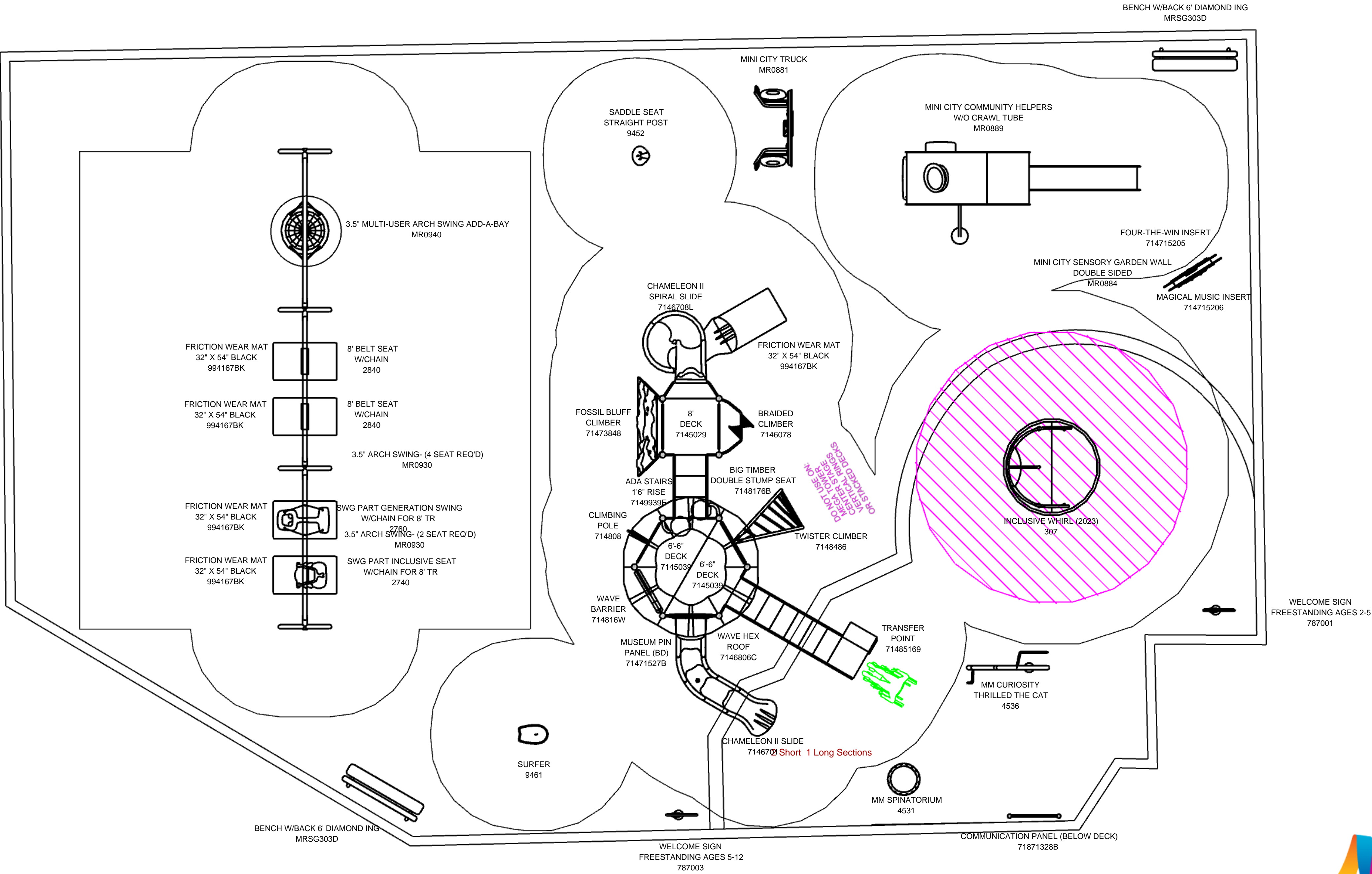




FOR KIDS AGES	AGE GROUP: 2-5_ASTM
2-5 YEARS	ELEVATED PLAY ACTIVITIES - TOTAL: 2
	ELEVATED PLAY ACTIVITIES ACCESSIBLE BY TRANSFER: 2 REQ'D 1
	ELEVATED PLAY ACTIVITIES ACCESSIBLE BY RAMP: 0 REQ'D 0
	GROUND LEVEL ACTIVITY TYPE: 3 REQ'D 1
	GROUND LEVEL QUANTITY: 7 REQ'D 1

FOR KIDS AGES	AGE GROUP: 5-12_ASTM
5-12 YEARS	ELEVATED PLAY ACTIVITIES - TOTAL: 8
	ELEVATED PLAY ACTIVITIES ACCESSIBLE BY TRANSFER: 6 REQ'D 4
	ELEVATED PLAY ACTIVITIES ACCESSIBLE BY RAMP: 0 REQ'D 0
	GROUND LEVEL ACTIVITY TYPE: 5 REQ'D 3
	GROUND LEVEL QUANTITY: 16 REQ'D 3

# IVY HILL PARK (Option 1)

## Mendota Heights, MN



WEBBER RECREATIONAL DESIGN, INC.		25003525		To promote safe and proper equipment use by children. Miracle recommends the installation of either a Miracle safety sign or other appropriate safety signage near each playsystem's main entry point(s) to inform parents and supervisors of the age appropriateness of the playsystem and general rules for safe play.	THE PLAY COMPONENTS IDENTIFIED IN THIS PLAN ARE IPEMA CERTIFIED. THE USE AND LAYOUT OF THESE COMPONENTS CONFORM TO THE REQUIREMENTS OF ASTM F1487.
1442 BROOKE COURT			COMPLIES TO ASTM/CPSC		AN ENERGY ABSORBING PROTECTIVE SURFACE IS REQUIRED UNDER & AROUND ALL PLAY SYSTEMS
HASTINGS, MN					
GROUND SPACE: 69' x 55'					
PROTECTIVE AREA: 82' x 55'-6"					
DRAWN BY: Jay Webber			COMPLIES TO ADA		
DATE: 08/20/2025					





Miracle Recreation Equip. Co.  
878 E. US Hwy 60  
Monett, MO 65708  
1-888-458-2752

QUOTE: OE25002478  
CUSTOMER: TEMP25000186  
PROJECT: 25003525

**Prepared For:**

Meredith Lawrence  
  
City of Mendota Heights  
1101 Victoria Curve  
Mendota Heights, MN 55118  
(651) 255-1354 Ext. (phone)

**Project Name & Location:**

Mendota Heights-  
Ivy Hill Park (Option 1)

**Prepared by:**

WEBBER RECREATIONAL DESIGN,  
INC.  
Jay Webber  
1442 BROOKE COURT  
HASTINGS, MN 55033

**Ship To Address:**

Ivy Hill Park  
645 Butler Avenue West  
Mendota Heights, MN 55118

**End User:**

Meredith Lawrence  
City of Mendota Heights  
1101 Victoria Curve  
Mendota Heights, MN 55118  
(651) 255-1354 (phone)  
mlawrence@mendotheightsmn.gov

Quote Number: OE25002478  
Quote Date: 8/21/2025  
Valid For: 30 Days From Quote Date

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## 2-5

Product line: TotsChoice  
Age group: 2-5\_ASTM

### Components

Part Number	Description
718555	3 1/2" OD X 70" POST FOR PLAY PANELS
71871328B	COMMUNICATION PANEL (BELOW DECK)
787001	WELCOME SIGN AGES 2-5, FREESTANDING
9452	SADDLE SEAT, STRAIGHT POST
MR0881	MC TRUCK
MR0889	MC COMM HELPERS W/O CRAWL TUBE

## Freestanding

Product line: Freestanding  
Age group: 5-12\_ASTM

### Components

Part Number	Description
2740	SWG PART THERAPEUTIC SWG SEAT W/CHAIN (8' TR)
2760	SWG PART GENERATION SWG SEAT W/CHAIN
2840	SWG PART SLASH PROOF SEAT W/CHAIN (8' TR)
307	INCLUSIVE WHIRL (2023)
714715205	FOUR-THE-WIN INSERT
714715206	MAGICAL MUSIC INSERT

8/21/2025  
QUOTE: OE25002478



925920Z	TOUCH UP PAINT KIT - FREESTANDING (NO PRICE)
994167BK	FRICTION WEAR MAT - 32" x 54", BLACK
MR0884	MC SENSORY GARDEN WALL DBL SIDED
MR0930	3.5" ARCH SWING- (2 SEAT REQ'D)
MR0932	3.5" ARCH SWG- ADD-A-BAY (2 ST REQ'D)
MR0940	3.5" MULTI-USER ARCH SWING ADD-A-BAY
MRSG303D	BENCH W/BACK 6' DIAMOND ING

## 5-12

Product line: KidsChoice

Age group: 5-12\_ASTM

### Components

Part Number	Description
4531	MM SPINATORIUM
4536	MM CURIOSITY THRILLED THE CAT
7145029	SQUARE DECK (ATTACHES TO 4 POSTS)
7145039	1/2 HEX FULL DECK (ATTACHES TO 4 POSTS)
714554	5" OD X 178" POST (7' TO 8' DKS)
714576	5" OD X 204" POST FOR ROOF (8' DK)
7146078	BRAIDED CLIMBER (8' DECK)
7146701	CHAMII ENTRY & EXIT (5' - 6'6" DK)
7146706	CHAMII LEFT SECTION
7146706	CHAMII LEFT SECTION
7146707	CHAMII LONG STRAIGHT SECTION
7146708L	CHAMII SPIRAL SLIDE LH (8' DK)
7146806C	WAVE HEX ROOF W/TOPPER
71471527B	MUSEUM PIN PANEL (BD)
71473848	FOSSIL BLUFF CLIMBER (8' SQUARE DK)
714808	CLIMBING POLE (3', 5' OR 6'6" DK)
714816W	FULL WAVE BARRIER, TUBE
7148176B	BT DOUBLE STUMP SEAT
7148486	TWISTER CLIMBER (6' 6" DK)
71485169	SQ TRSFR PT, CLSD HR (6' & 6'6" DK)
7149939E	ADA STAIRS BTWN DECKS W/1'6" RISE, EXT.
714999Z	CUSTOMER SERVICE KIT (NO PRICE)
787003	WELCOME SIGN AGES 5-12, FS
9461	SURFER
994167BK	FRICTION WEAR MAT - 32" x 54", BLACK

### RiskSign\_Included

Product line: Freestanding

Age group:

### Components

Part Number	Description
787Z	RISK MANAGEMENT SIGN - ENGLISH (NO PRICE)

### Additional Items

Part Number	Description
105295	BAG ZIPLOCK 12" X 14" X 4MIL(OFFICE USE)
925961	THUMB DRIVE 2GB - MREC
926458	LABEL,GENERATION SWG, 2YR-12YR, MR
INSTALL	INSTALL BOOK FOR PP ORDERS

8/21/2025

QUOTE: OE25002478

Page 2 of 4



**Parts By Other**

Part Number	Description	Qty	Weight	Unit Price	Total
EWF-Spread	EWF (200 Cu.Yds.) Delivered and Spread Certified EWF Delivered and Spread	1	0.00	9,000.00	9,000.00
No Fault PIP	NF 50/50 color and black PIP & Sub-Base NF 50/50 color and black PIP with subbase (895 sq ft)	1	0.00	26,820.00	26,820.00
Recycled Timbers	Recycled Timbers and Installation Recycled Timbers and Installation	1	0.00	5,610.00	5,610.00
Removal	Removal and Disposal Equipment Existing equipment, surfacing, and border removal	1	0.00	15,600.00	15,600.00
Site Prep	Removal and Site Prep Site Prep	1	0.00	2,250.00	2,250.00

**Totals:**

Equipment Weight: 10,645.00 lbs  
 Equipment List: \$131,739.20  
 Discount Amount: -\$39,521.76  
 Equipment Price: \$92,217.44  
 Freight: \$4,523.00 Code: 11026  
 Installation: \$42,156.00  
 Products by Other: \$59,280.00  
**Grand Total: \$199,386.44**

**Notes:** Please make PO's out to: Webber Recreational Design, Inc.

This quote is based on an order before December 15<sup>th</sup> and delivering in the spring of 2026.

This Quote shall not become a binding contract until signed and delivered by both Customer and Miracle Recreation Equipment Company ("Miracle"). Sales Representative is not authorized to sign this Quote on behalf of Miracle or Customer, and signed Quotes cannot be accepted from Sales Representative. To submit this offer, please sign below and forward a complete signed copy of this Quote directly to "Miracle Sales Administration" via fax (417) 235-3551 or email: orders@miraclerec.com. Upon acceptance, Miracle will return a fully-signed copy of the Quote to Customer (with copy to Sales Representative) via fax or email.

THIS QUOTE IS LIMITED TO AND GOVERNED BY THE TERMS CONTAINED HEREIN. Miracle objects to any other terms proposed by Customer, in writing or otherwise, as material alterations, and all such proposed terms shall be void. Customer authorizes Miracle to ship the Equipment and agrees to pay Miracle the total amount specified. Shipping terms are FOB the place of shipment via common carrier designated by Miracle. Payment terms are Net-30 days from invoice date with approved credit and all charges are due and payable in full at PO Box 734154, Dallas, TX 75373-4154, unless notified otherwise by Miracle in writing. Customer agrees to pay all additional service charges for past due invoices. Customer must provide proper tax exemption certificates to Miracle, and shall promptly pay and discharge all otherwise applicable taxes, license fees, levies and other impositions on the Equipment at its own expense. Purchase orders and payments should be made to the order of Miracle Recreation Equipment Company.

**Quote Number:** OE25002478 **Quote Date:** 8/21/2025 **Equipment:** \$131,739.20 **Grand Total:** \$199,386.44

CUSTOMER HEREBY SUBMITS ITS OFFER TO PURCHASE THE EQUIPMENT ACCORDING TO THE TERMS STATED IN THIS QUOTE AND SUBJECT TO FINAL APPROVAL BY MIRACLE.

**Submitted By** \_\_\_\_\_ **Printed Name and Title** \_\_\_\_\_ **Date** \_\_\_\_\_  
 THE FOREGOING QUOTE AND OFFER ARE HEREBY APPROVED AND ACCEPTED BY MIRACLE RECREATION EQUIPMENT  
**By:** \_\_\_\_\_

8/21/2025

QUOTE: OE25002478

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**Date:**

**ADDITIONAL TERMS & CONDITIONS OF SALE**

1. Use & Maintenance. Customer agrees to regularly inspect and maintain the Equipment, and to provide, inspect and maintain appropriate safety surfacing under and around the Equipment, in accordance with Miracle's product literature and the most current Consumer Product Safety Commission Handbook for Public Playground Safety.

2. Default, Remedies & Delinquency Charges. Customer's failure to pay any invoice when due, or its failure to otherwise comply with the terms of this Quote, shall constitute a default under all unsatisfied invoices ("Event of Default"). Upon an Event of Default, Miracle shall have all remedies available to it at law or equity, including, without limitation, all remedies afforded a secured creditor under the Uniform Commercial Code. Customer agrees to assist and cooperate with Miracle to accomplish its filing and enforcement of mechanic's or other liens with respect to the Equipment or its location or its repossession of the Equipment, and Customer expressly waives all rights to possess the Equipment after an Event of Default. All remedies are cumulative and not alternative, and no exercise by Miracle of a remedy will prohibit or waive the exercise of any other remedy. Customer shall pay all reasonable attorneys fees plus any costs of collection incurred by Miracle in enforcing its rights hereunder. Subject to any limitations under law, Customer shall pay to Miracle as liquidated damages, and not as a penalty, an amount equal to 1.5% per month of any payment that is delinquent in such month and is not received by Miracle within ten (10) days after the date on which due.

3. Limitation of Warranty/ Indemnity. MIRACLE MAKES NO EQUIPMENT WARRANTIES EXCEPT FOR THOSE STANDARD WARRANTIES ISSUED WITH THE EQUIPMENT, WHICH ARE INCORPORATED HEREIN BY THIS REFERENCE. MIRACLE SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND ANY LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. CUSTOMER AGREES TO DEFEND, INDEMNIFY AND SAVE MIRACLE HARMLESS FROM ALL CLAIMS OF ANY KIND FOR DAMAGES OF ANY KIND ARISING OUT OF CUSTOMER'S ALTERATION OF THE EQUIPMENT, ITS FAILURE TO MAINTAIN THE EQUIPMENT, ITS FAILURE TO PROPERLY SUPERVISE EQUIPMENT USE, OR ITS FAILURE TO PROVIDE AND MAINTAIN APPROPRIATE TYPES AND DEPTHS OF SAFETY SURFACING BENEATH AND AROUND THE EQUIPMENT IN ACCORDANCE WITH MIRACLE'S INSTALLATION AND OWNERS MANUALS AND THE MOST CURRENT CONSUMER PRODUCT SAFETY COMMISSION HANDBOOK FOR PUBLIC PLAYGROUND SAFETY.

4. Restrictions. Until all amounts due hereunder are paid in full, Customer shall not: (i) permit the Equipment to be levied upon or attached under any legal process; (ii) transfer title to the Equipment or any of Customer's rights therein; or (iii) remove or permit the removal of the Equipment to any location not specified in this Quote.

5. Purchase Money Security Interest. Customer hereby grants, pledges and assigns to Miracle, and Miracle hereby reserves a purchase money security interest in, the Equipment in order to secure the payment and performance in full of all of Customer's obligations hereunder. Customer agrees that Miracle may file one or more financing statements, in order to allow it to perfect, acquire and maintain a superior security interest in the Equipment.

6. Choice of Law and Jurisdiction. All agreements between Customer and Miracle shall be interpreted, and the parties' obligations shall be governed, by the laws of the State of Missouri without reference to its choice of law provisions. Customer hereby consents to the personal jurisdiction of the state and federal courts located in the city and county of St. Louis, Missouri.

7. Title; Risk of Loss; Insurance. Miracle Retains full title to all Equipment until full payment is received by Miracle. Customer assumes all risk of loss or destruction of or damage to the Equipment by reason of theft, fire, water, or any other cause, and the occurrence of any such casualty shall not relieve the Customer from its obligations hereunder and under any invoices. Until all amounts due hereunder are paid in full, Customer shall insure the Equipment against all such losses and casualties.

8. Waiver; Invalidity. Miracle may waive a default hereunder, or under any invoice or other agreement between Customer and Miracle, or cure such a default at Customer's expense, but shall have no obligation to do either. No waiver shall be deemed to have taken place unless it is in writing, signed by Miracle. Any one waiver shall not constitute a waiver of other defaults or the same kind of default at another time, or a forfeiture of any rights provided to Miracle hereunder or under any invoice. The invalidity of any portion of this Quote shall not affect the force and effect of the remaining valid portions hereof.

9. Entire Agreement; Amendment; Binding Nature. This fully-executed Quote, as supplemented by Change Orders and invoices containing exact amounts of estimates provided herein, constitutes the complete and exclusive agreement between the parties. A Change Order is a written instrument signed by the Customer and Miracle stating their agreement as to any amendment in the terms of this Quote. Customer acknowledges that Change Orders may result in delays and additional costs. The parties agree that all Change Orders shall include appropriate adjustments in price and time frames relating to any requested amendments. Upon full execution, this Quote shall be binding upon and inure to the benefit of the parties and their successors and assigns.

10. Counterparts; Electronic Transmission. This Quote, any invoice, and any other agreement between the parties, may be executed in counterparts, each of which shall constitute an original. The facsimile or other electronic transmission of any signed original document and retransmission of any signed facsimile or other electronic transmission shall be the same as the transmission of an original. At the request of either party, the parties will confirm facsimile or other electronically transmitted signatures by signing an original document.

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This list is provided as a design aid only.  
Actual compliance to accessibility standards is dependent on design and final installation and is the sole responsibility of the Sales Representative.

### Accessibility Chart

Design Name:	Mendota Heights- Ivy Hill 1
Project:	Mendota Heights- Ivy Hill Park

#### Age Group : 2-5\_ASTM

Elevated Play Activites Total	2		
Elevated Play Activites Accessible By Transfer	2	Req'd	1
Elevated Play Activites Accessible By Ramp	0	Req'd	0
Ground Level Activity Type	3	Req'd	1
Ground Level Quantity	7	Req'd	1

Description	Elevation	Access	Type Of Play	Qty
SADDLE SEAT STRAIGHT POST	Ground_Level	Ground	GLIDER_SPINNER_EQUIP	1
MC_HelperWOTube_Climber	Elevated	Transfer	CLIMBER	1
MC_HelperWOTube_Imaginative	Ground_Level	Ground	IMAGINATION_PANEL	1
MC_HelperWOTube_Manipulative	Ground_Level	Ground	MANIPULATIVE_EQUIP	1
MC_HelperWOTube_Slide	Elevated	Transfer	SLIDE	1
MC_Truck_Imaginative	Ground_Level	Ground	IMAGINATION_PANEL	1
MC_Truck_Manipulative	Ground_Level	Ground	MANIPULATIVE_EQUIP	2
COMMUNICATION PANEL (BELOW DECK)	Ground_Level	Ground	IMAGINATION_PANEL	1

#### Age Group : 5-12\_ASTM

Elevated Play Activites Total	8		
Elevated Play Activites Accessible By Transfer	6	Req'd	4
Elevated Play Activites Accessible By Ramp	0	Req'd	0
Ground Level Activity Type	5	Req'd	3
Ground Level Quantity	16	Req'd	3

Description	Elevation	Access	Type Of Play	Qty
3.5" MULTI-USER ARCH SWING ADD-A-BAY	Ground_Level	Ground	SWING	1



Description	Elevation	Access	Type Of Play	Qty
SWG PART THERAPEUTIC SEAT W/CHAIN FOR 8' TR	Ground_Level	Ground	SWING	1
INCLUSIVE WHIRL (2023)	Ground_Level	Ground	WHIRL	1
GENERATION SWING	Ground_Level	Ground	SWING	1
SWG PART SLASH PROOF SEAT W/CHAIN (8' TR)	Ground_Level	Ground	SWING	1
SWG PART SLASH PROOF SEAT W/CHAIN (8' TR)	Ground_Level	Ground	SWING	1
MC_GardenWall2_Imaginative	Ground_Level	Ground	IMAGINATION_PANEL	1
MC_GardenWall2_Manipulative	Ground_Level	Ground	MANIPULATIVE_EQUIP	4
MAGICAL MUSIC PANEL INSERT	Elevated	Ground	SOUND_EQUIP	1
FOUR-THE-WINPANEL INSERT	Elevated	Ground	MANIPULATIVE_EQUIP	1
SURFER	Ground_Level	Ground	BALANCING_EQUIP	1
MM CURIOSITY THRILLED THE CAT	Ground_Level	Ground	MANIPULATIVE_EQUIP	1
BRAIDED CLIMBER (8' DECK)	Elevated	Transfer	CLIMBER	1
CLIMBING POLE (3', 5' OR 6'6" DECK)	Elevated	Transfer	CLIMBER	1
TWISTER CLIMBER (6' 6" DECK)	Elevated	Transfer	CLIMBER	1
MM SPINATORIUM	Ground_Level	Ground	MANIPULATIVE_EQUIP	1
CHAMELEON II SLIDE 6'6"	Elevated	Transfer	SLIDE	1
MUSEUM PIN PANEL (BD)	Ground_Level	Ground	MANIPULATIVE_EQUIP	1
CHAMELEON II SPIRAL SLIDE LEFT (8' DECK)	Elevated	Transfer	SLIDE	1
BIG TIMBER DOUBLE STUMP SEAT	Ground_Level	Ground	IMAGINATION_PANEL	1
FOSSIL BLUFF CLIMBER (8' SQUARE DECK)	Elevated	Transfer	CLIMBER	1



# IVY HILLS PARK (Option 1) MENDOTA HEIGHTS, MN MIRACLE PLAY EQUIPMENT GENERAL SPECIFICATIONS

**SAFETY STANDARDS & GUIDELINES** All public playground equipment supplied shall meet all applicable provisions of the current "Handbook for Public Playground Safety" published by the Consumer Product Safety Commission (CPSC), and of ASTM F1487-17 "Standard Consumer Safety Performance Specification for Playground Equipment for Public Use," published by the American Society for Testing and Materials (ASTM). Products bearing the certification seal of the International Play Equipment Manufacturers Association (IPEMA) have received written validation of compliance with ASTM F1487-17.

**TRADEMARKS** Aquarius (R), Big Kahuna (R), Big Timber (R), Bongo (TM), Boulder Ridge (R), Bug Bites (R), Camel Back (TM), Center Stage (R), Chameleon (TM), Champions Trek (TM), Coil Curler (TM), Connexion (R), Dupli-Gator (R), Flex Jet (R), Flippo (TM), Flippopotamus (R), Fun Fone (TM), Fun Tunnel (R), Funnel Tunnel (TM), Funshades (TM), Gator Grip (R), Gemini (TM), Gravity (TM), Grizz-Lee Bear (R), Groove (TM), Groove II (R) Slide, Hang-A-Round (R), Interaxion (TM), JAX (R), Kidrox (R), Kids' Choice (R), Kids' Perch (TM), Libra (R), Linkz (TM), Loopz (TM), Mega Tower (R), Miracle (R), Miracle Recreation (R), Mira-Cote (R), Mira-Lam (TM), Mira-Lene (TM), Mira-Therm2 (TM), Mogul (TM), Mountain Trail (R), N-Dure Cycle (R), Nexus (R), Observation Deck (R), Offspring (TM), OrbX (R), Pegasus (R), Perma-Guard (TM), Perseus (TM), Physics (R), Play Cover (R), Play Terrain (R), PolyTuf (TM), Power Pedaler (TM), Pull Up!Lift (R), Reflex (R), Relay Racer (R), Rock-ite (R), Rodeo Rocky (TM), Serpent Trek (TM), Sneak-A-View (TM), Sun Sparkle (TM), Surfer (R), Tensile Tough (TM), Tensile Tower (TM), Thunder Tunnel (TM), Timber Topper (TM), Toboggan (TM), Toddlers' Choice (R), Tots' Choice (R), Tots' Choice (R) Expansion, Tots' Choice (TM) for Toddlers, Trim Timber (R), Triple Play (TM), Typhoon (TM), Versalok (R), View Groove (TM), Wavy Waffle Wall Walker (TM), Webscapes (R), Whirlwind (TM), Xcalator (R), and X-Cavator (TM) are trademarks of Miracle Recreation Equipment Company. Tornado (TM), Multi-Pondo (TM), and Pirouette (TM) are trademarks of HAGS (TM). Miracle and HAGS are divisions of PlayPower, Inc. PlayPower (R) is a trademark of PlayPower, Inc.

**QUALITY SYSTEM CERTIFICATION** The manufacturer's quality system is certified to ISO 9001 since December 1998.

**PRODUCT CHANGES** At Miracle Recreation Equipment Company, we strive for the utmost in quality and safety in our entire product line. Therefore, in order to honor this commitment to you, our customers, we reserve the right to make changes on any product released and/or published in our annual catalog and other promotional or technical literature.

## WARRANTY

Miracle Recreation Equipment Company warrants its products against structural failure due to defects in materials and workmanship for the warranty periods and material categories prescribed below.

Buyer agrees that products sold by Miracle Recreation Equipment Company carry only the following warranties:

1. **LIMITED WARRANTY FOR AS LONG AS YOU OWN THE PRODUCT:** Aluminum deck posts, steel deck posts, VersaLok<sup>®</sup> fastening system, cast aluminum parts, and stainless steel hardware.
2. **LIMITED FIFTEEN (15) YEAR WARRANTY:** All rigid steel playground components, decks, steps, and weldments, rotationally molded and sheet plastic components, plastic lumber, roof panels, and stainless steel slides, except as otherwise specified below.
3. **LIMITED TEN (10) YEAR WARRANTY:** Fabric shade steel frames, Shadesure<sup>™</sup> and Colourshade FR fabrics (Note Exception: Limited Five (5) Year Warranty on Shadesure<sup>™</sup> fabrics in colors Red, Yellow, Electric Purple, Zesty Lime, Cinnamon, and Olive.)
4. **LIMITED EIGHT (8) YEAR WARRANTY:**
  - Fiberglass signage, accessible swing seats, precast PolyFiberCrete or precast concrete products.
  - Play Terrain Synthetic Turf safety surfacing against deterioration of specified attenuation performance and appearance.
  - Integrated shade fabric and components against rot, UV deterioration and defects in materials and workmanship (Note Exception: Limited Three (3) Year Warranty for fabric in shades of red).
5. **LIMITED FIVE (5) YEAR WARRANTY:**
  - Heavy duty diamond barrier mesh and Kidrox<sup>™</sup> Climbing Rocks.
  - Mira-Therm<sup>™</sup> PVC coating and PE coating against cracking or peeling.
  - Park and Site Amenities (i.e. benches, tables, trash receptacles, etc.).
  - GFRP (Glass Fiber Reinforced Polymer) Products.
  - Steel core cable nets and rope fittings and connections (Note Exception: Warranty does not cover normal wear and tear such as fraying or fading of cable coating).
6. **LIMITED THREE (3) YEAR WARRANTY:** Flexible belting, plastic border timbers and accessories, and electronic panel speakers, sound chips, and circuit boards.
7. **LIMITED ONE (1) YEAR WARRANTY:**



- Slashproof Swing Seats, 360° Bucket Tot Swing Seats, and Tuff Net no climbing mesh.
- Pool slide support structures, stairways, landings and railings.
- All other products, components and custom pieces that are not specifically listed above, including, without limitation, all moving parts, such as swing hangers and bearings, swivels, chains, whirls, springs and flexible components, and all high wear items, such as trolleys, cables, wheels, and bumper stops related to rail and cable ride products.

**BUYER'S REMEDY:** If any products prove defective or non-conforming under normal use and within the above-prescribed warranty periods and material categories, Buyer must promptly notify Miracle in writing at 878 E. Hwy 60, Monett, MO 65708 USA. Miracle may elect to inspect the alleged defect at Buyer's site or at Miracle's facility. Buyer shall not return products to Miracle unless authorized by Miracle to do so. Authorized returns must be properly packaged and shipped prepaid and insured, at Buyer's expense. Upon verification of warranty coverage, Miracle may elect, in its sole discretion, to repair defective or non-conforming products, or replace them by delivering products or part(s) of similar functionality free of charge to the site. Miracle's limited warranties do not cover the cost of labor to remove defective or non -conforming part(s) or to install repaired or replacement part(s). By use of these limited warranties, Buyer accepts their terms and limitations, and waives any rights it would otherwise have to claim or assert that such warranties fail of their essential purpose. Buyer agrees that venue for any court action to enforce these limited warranties shall be in Barry or Greene Counties in the State of Missouri.

**LIMITATIONS:** All warranty periods begin on the date of Miracle's invoice. Repaired and/or replacement part(s) are warranted only for the balance of the original limited warranty period. Warranties extend only to the original Buyer/end user for products purchased from Miracle or a Miracle authorized reseller, and are not transferrable.

Warranties apply only to Miracle products that are erected and installed in conformance with Miracle's installation instructions, and that are maintained and inspected in conformance with Miracle maintenance and operational instructions.

Warranties specifically do not cover Miracle products:

- for cosmetic damage or flaws occurring under normal use, such as surface scratches, minor chips, hairline cracks, dents, marring, efflorescence, color fade (except for shade fabric as noted above), discoloration, corrosion/rust, fraying, or warping of recycled plastic lumber;
- that have been modified, altered, or repaired by unauthorized third parties;
- that have not been used as designed or intended, or misused;
- to which non-Miracle parts have been added or substituted;
- that have been removed from their original location and re-installed elsewhere;
- or that have been damaged due to excessive wear and tear, vandalism, abnormal use, abuse, negligence, environmental factors (such as wind-blown sand, salt spray, or airborne emissions from industrial sources), extreme weather (such as hail, flooding, lightning, tornados, sandstorms, earthquakes, or wind storms), and acts of God.

Miracle does not warrant that any particular color will be available for any specific period of time, and reserves the right, its sole discretion, to discontinue any color for any reason.

THE FOREGOING LIMITED WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY FOR SELLER'S PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, IN LAW OR IN FACT. SELLER SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE OR PURPOSE, AND ANY IMPLIED WARRANTIES ARISING OUT OF COURSE OF DEALING OR PERFORMANCE OR TRADE USAGE. SELLER SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, SPECIAL, OR PUNITIVE DAMAGES, OR ANY LOSS OF REVENUE, PROFIT OR USE, ARISING OUT OF A BREACH OF THIS WARRANTY OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, OPERATION OR REPAIR OF ANY PRODUCT. IN NO EVENT WILL SELLER BE LIABLE FOR ANY AMOUNT GREATER THAN THE PURCHASE PRICE OF A DEFECTIVE PRODUCT.

*Consult Miracle's "Glossary of Technical Data for Materials, Processes and Finishes" for specifications of items listed in bold type.*

- **Inclusive Swing Seat** is constructed of **Rockite** seats molded to form a chair. Models that are 8' or 10' with chains each have two chains to suspend the swing from a swing frame header. The attached seat is a reinforced polyurethane rubber bumper. The sliding latch mechanism is constructed from 6061 machined aluminum. The chain assembly is fabricated from **4/0 straight link coil chain**. The chain is manufactured to ASTM A467-86A Class CS specifications. All rubber surfaces are EPDM. The **Rockite** seats have molded-in color. All exposed metal surfaces are bright zinc plated. The clevises are zinc plated. The chain has a **Mira-Therm** coating.

- **KIDS' CHOICE MIRA-THERM2 DECKS:** The deck models in the 714-50X-9 series shall consist of a (3) sided equilateral triangle deck: Model # 714-501-9, with a *deck top surface area of 7 sq. ft. (1008 sq. in.)*; a (4) sided square deck: Model # 714-502-9, with a *deck top surface area of 16 sq. ft. (2304 sq. in.)*; (4) sided (3) opening half hex decks: Model #s 714-503-9 and 714-504-9, with a *deck top surface area of 21 sq. ft. (3024 sq. in.)*; (4) sided (6) opening rectangular decks: Model #s 714-508-9, 714-509-9 and 714-510-9, with a *deck top surface area of 32 sq. ft. (4608 sq. in.)*; a (5) sided pentagon deck: Model # 714-512-9, with a *deck top surface area of 23.8 sq. ft. (3427 sq. in.)*; an (8) sided octagon deck: Model # 714-519-9, with a *deck top surface area of 60 sq. ft. (8640 sq. in.)*; and a (7) sided heptagon deck: Model # 714-517-9, with a *deck top surface area of 55 sq. ft. (7,920 sq. in.)*. Model # 714-511-9 shall be an isosceles triangle split deck (single section) designed to serve as a step platform for lower deck



heights: 18" or lower for 2-5 year olds, and 30" or lower for 5-12 year olds. All other Model # 714-511-X9 split decks shall feature two triangular deck sections which shall be mounted between four posts at different heights so that a 6", 12", 18", or 24" (X) rise shall be formed along the hypotenuse between two posts. Models which rise greater than 6" shall contain a riser plate; models which rise greater than 12" shall also contain an arched enclosure assembly. *The deck top surface area of split deck models shall be 8 sq. ft. each for both sections, or total 16 sq. ft.* Riser plates shall be constructed of 11 ga. **A-60 Galvannealed** sheet; risers for 18" and 24" rises shall contain a rung and vertical supports of **1" tube**, solid **welded**, all finished in **Mira-Cote**. The arch enclosure assembly accompanying models which rise 18" and 24" shall comprise top and bottom supports and an arched upright constructed of **1" pipe**, drilled, formed and mashed, all solid **welded**, and vertical rungs of **1" tube**, with **plastic pipe plugs** inserted in open ends, and finished in **Mira-Cote**. Decks shall be designed for maximum flexibility in height of deck surface, from 0" to (in 6" increments,) though 3', 5' and 6'-6" shall be considered standard heights. Decks shall be designed on a 48" center-to-center spacing on 5" deck posts, at equal or varied heights. All deck-to-post connections shall be made with a deck support clamp. All deck connections shall be made beneath deck with no exposed fasteners on deck perimeter. Decks with 8' wide open side shall be designed to attach to another deck with 8' wide open side at same deck height, or to a Model # 714-770-6 Flippopotamus Slide/Climber. All decks shall be constructed with folded 11 ga. steel sheet forming 3" tall sides. Decking sheets shall be perforated with a staggered pattern of 3/8" diameter holes (5/16" after dipping) at 5/8" apart center-to-center. The decking shall have 7 ga. by 2" flat steel braces and corner braces of 7 ga. steel. The entire assembly shall be solid **welded** prior to polyvinyl coating. Each assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. All deck surfaces shall be coated in **Mira-Therm2** or **Mira-Therm2 PE**.

- **KIDS' CHOICE POSTS: STEEL POSTS:** The steel posts each shall be constructed of **5" tube, 11 ga.** with a **5" round end cap** pressed into its top end. Post and end cap shall have a **Mira-Cote** finish.

- **TOTS' CHOICE STEEL POSTS:** The steel posts shall be constructed of **3-1/2" tube, 13 ga.** with **3-1/2" round end caps** mechanically fastened to the top end. Posts for roof attachment shall not receive end caps. After fabrication, all posts and end caps shall have a **Mira-Cote** finish.

- **BRAIDED CLIMBER** shall be a twisting, vertical climbing challenge rising to an 8' deck height with arch enclosure. Climber shall comprise two uprights with coped plugs inserted into top ends, and eight rungs. The uprights and rungs shall be constructed of **1" pipe, Gator Grip**. Upright shall measure 174-1/16" in length and shall be solid **welded** to rungs. Top support shall be comprised of **1" pipe, Gator Grip**, solid **welded**. The arch enclosure shall comprise top supports and an arched upright of **1" pipe** and spoked infill of **1" tube**, all solid **welded**. For models that have the Nature Arch enclosure, enclosure shall comprise two top supports and arched upright of **1" pipe** solid **welded**. Brackets of 11 ga. galvanized sheet steel are stitch **welded** to the **1" pipe** frame. Boards of 1" x 5.5" recycled plastic and wood composite are fastened to the frame with **Fastener Style A** hardware. All models shall contain **Fastener Style A** hardware.

- **CLIMBING POLE/BUMPER LADDER/SPIRAL CLIMBER/CLIFF CLIMBER/TRAP DOOR CLIMBER** shall each be used as an entry to or an exit from a deck. The *cliff climber* side rails and rungs shall be constructed of **1" pipe**, formed, drilled and all solid **welded** construction, with an extension tube constructed of **1-1/4" pipe, 10 ga.** The *trap door climber* pole shall be formed **1-1/4" pipe**. The "U" shaped rungs shall be formed **1" pipe**. The extension shall have a 3/8" aluminum insert. The climber shall be a **welded** assembly. The *climbing pole* shall be constructed of **1" pipe, 12 ga.** The *spiral climber* shall be constructed of **1" pipe**, formed, drilled and all solid **welded** construction with **plastic pipe plugs** inserted in open ends. For the Tots' Choice system, the *spiral climber* center pole shall be constructed of **1" pipe**, formed, drilled and all solid **welded** construction with **plastic pipe plugs** inserted in open ends and the spiral shall be constructed of **1" tube** and shall be attached to the center pole by means of six spacers, also constructed of **1" tube**. The assembly shall be solid **welded**. The *bumper ladder* shall be constructed of **Rockite** bumpers supported internally by a pole constructed of **1" pipe, 10 ga.** Each bumper shall measure 18" high x 19" wide. The Kids' Choice arch enclosure assembly shall consist of top supports, a bottom support, and an arched upright, which shall be constructed of **1" pipe**, formed, mashed, and punched, with vertical infill of **3/4" x 1" oval tube**. The Tots' Choice arch enclosure shall comprise two top supports and infill of **1" tube** and a climbing pole support and arch support of **1" pipe**, all solid **welded**. Kids' Choice arch enclosure for split decks shall consist of top rails, a receiver tube, an arched upright and outer upright, which shall be constructed of **1" pipe**, drilled, formed and mashed, and vertical spokes which shall be constructed of **3/4" x 1" oval tube**. The enclosure assembly shall be solid welded. Enclosure shall measure 55" in width and 62" in height. All enclosure assemblies shall have an extension tube of **1" pipe, 10 ga.** Enclosure assemblies shall be solid **welded**. For models with the nature arch enclosure, enclosure shall comprise two top supports and arched upright of **1" pipe** solid **welded**. Brackets of 11 ga. galvanized sheet steel are stitch **welded** to the **1" pipe** frame. Boards of 1" x 5.5" recycled plastic and wood composite are fastened to the frame with **Fastener Style A** hardware. The sleeve support shall be constructed of **1-1/4" pipe, 10 ga.**, solid **welded** to the arch. The cliff climber, trap door climber, climbing pole, spiral climber, bumper ladder pole, and enclosure assembly shall have a **Mira-Cote** finish. The **Rockite** bumpers shall have color molded in.

- **FOSSIL BLUFF WALL SYSTEM** shall be inclined rock walls designed for attachment to 5', 6'-6", or 8' decks and shall contain an arch entry enclosure. The climbing surface shall feature realistic shapes, dimensions and textures of a natural stone escarpment, and factory-assembled climbing stubs. The arch entry enclosure shall consist of a frame (top and inside support rails and arched upright) of **1" pipe** and vertical rungs within the frame of **3/4" x 1" oval tube**, all solid **welded**. For models that have the Nature Arch enclosure, enclosure shall comprise two top supports and arched upright of **1" pipe** solid **welded**. Brackets of 11 ga. galvanized sheet steel are stitch **welded** to the **1" pipe** frame. Boards of 1" x 5.5" recycled plastic and wood composite are fastened to the frame with **Fastener Style A** hardware. The panel shall be constructed of **Rockite**. The climbing stubs shall be constructed of molded sand and polyester resin mixture. The wall frame shall be constructed of **1-1/2" square tube**, solid **welded**. The fill block shall be constructed of 11 ga. **A-60 Galvannealed** sheet steel. The assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. The clamps, enclosure and frame shall be finished in **Mira-Cote**. The fill block shall be finished in **Mira-Therm2** or **Mira-Therm2 PE**. The panel and climbing stubs shall have molded in color.

- **TWISTER CLIMBER** shall be a deck-mounted rung climbing challenge that twists 90 degrees from ground level to 5', 6'-6" or 8' heights for Kids' Choice, or 5' or 6' deck heights for Tots' Choice and Tots' Choice Expansion. Climber assembly shall comprise an upright, lower side rail, upper side rail, end rail, and tee frame assembly of **1" pipe**, with 10 climbing rungs of **1" pipe Gator Grip**. Rungs shall measure (ascending) 34-1/8", 34-3/16", 34-1/16", 33-3/4", 33-3/4", 34-3/8", 33-3/4", 33-11/16", 33", and 32-5/8". Climber bracket shall be constructed of 7 ga. sheet. Enclosures shall each comprise a handhold of **1" pipe Gator Grip**, 37-5/16" in length and a spoke of **3/4" x 1" oval tube**, 34-9/16" in length. The tee frame shall be



constructed of **2-3/8" tube, 12 ga.** The assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. The enclosures, tee frame and climber assembly shall have a **Mira-Cote** finish.

- **IMAGINATION PANELS** and Activity Panels are deck-mounting representational activity panels that are designed to enhance imagination and creative play. Welcome panels are decorative and display the intended user age range. Vehicle-themed panels feature steering wheel assemblies. The Piston Panel and Gear Panel contain dynamic, user-driven parts sealed behind a transparent, tamper-resistant cover. The Sliding Tile Panel contains 15 routed, moveable tiles with one empty space challenging users to shift the tiles into proper sequence. The Calypso 3-Drum Panel allows musical expression, that may be struck with the hands to create different sounds. The panels shall be constructed of Mira-Lene with all corners rounded. Panels shall measure 36-1/2" x 40". In addition to the above materials and specifications, gear panel shall contain a clear polycarbonate cover mechanically fastened over two side-by-side sets of 1/4" thick gears, to be constructed of high-density polyethylene, which shall turn on nylon bushings, except for black nylon handles and drive gears which shall turn on bronze bushings. Its opposite side shall contain side-by-side routed finger mazes. Piston panel shall contain a cover, gears, and knob as described herein, and connecting rod and piston shapes of 1/4" thick high-density polyethylene as well. Its opposite side shall contain routed designs. In addition to material and specifications detailed in "panels" paragraph above, sliding tile panel shall contain 15 moveable, tongue-and-groove tiles with routed numerals constructed of 1/4" thick high-density polyethylene. In addition to material and specifications detailed in "panels" paragraph above, calypso 3 drum panel shall contain 3 rotational molded drums of low density polyethylene resin. Each drum is attached to the panel through a cover plate constructed of 11 ga. galvanized steel sheet with a Mira-Cote finish. In addition to material and specifications detailed in "panels" paragraph above, museum pin panel shall contain polystyrene high impact static cylinders in red and blue and 1/2" stainless steel rods. In addition to material and specifications detailed in "panels" paragraph above, museum washer panel shall contain 1/2" stainless steel acme threaded rod. In addition to material and specifications detailed in "panels" paragraph above, museum washer panel shall contain 1/2" stainless steel acme threaded rod. In addition to material and specifications detailed in "panels" paragraph above, museum zoetrope shall contain the weldment for the spinner event which shall be constructed of SHST HR 4.5mm (7 ga.) and 1215 steel. The rung brackets shall be constructed of 1" pipe with bolting tabs of 11 ga. A-60 Galvannealed sheet, all solid welded. The steering wheel on vehicle-themed panels shall be constructed of a high density polyethylene produced from high performance U.V. stabilized rotational molding grade resins with a comprehensive additive package. These resins are tested in accordance with ASTM testing procedures D-1505, D-1248, D-1693 (b), D-638, D-790 and D-746. Resin's properties shall exhibit a balance of toughness, rigidity, environmental stress crack resistance and excellent low temperature impact performance. Wall thickness shall be 1/8". The steering wheel hub cover shall be constructed of injection molded polypropylene which shall contain U.V. light stabilizers. Model 714-714-11 4 X 4 Panel shall contain two side-by-side steering wheels for cooperative play. Themed for Space Ship Panel, star brackets will be constructed of 11 ga. HRPO steel and powder coat painted. Each assembly shall contain Versalok Fasteners and Fastener Style A hardware. The panels and steering wheels shall have molded-in color. Each panel assembly shall have a two-color scheme. The rung brackets and clamps shall have a Mira-Cote finish. The following information is for below deck panels: The panels shall be constructed of Mira-Lene with all corners rounded. Panels shall measure 36-1/2" x 40" and shall contain routed designs in several themes. The panel shall be supported between posts by top and bottom rungs of 1" pipe, each with two tabs of 11 ga. A-60 Galvannealed sheet, solid welded. In addition to material and specifications detailed in "panels" paragraph above, calypso 3-drum panel shall contain 3 rotational molded drums of low density polyethylene resin. Each drum is attached to the panel through a cover plate constructed of 11 ga. galvanized steel sheet with a Mira-Cote finish. In addition to the above materials and specifications, gear panel shall contain a clear polycarbonate cover mechanically fastened over two side-by-side sets of 1/4" thick gears, to be constructed of high-density polyethylene, which shall turn on nylon bushings, except for black nylon handles and drive gears which shall turn on bronze bushings. Its opposite side shall contain side-by-side routed finger mazes. Piston panel shall contain a cover, gears, and knob as described herein, and connecting rod and piston shapes of 1/4" thick high-density polyethylene as well. Its opposite side shall contain routed designs. In addition to material and specifications detailed in "panels" paragraph above, sliding tile panel shall contain 15 moveable, tongue-and-groove tiles with routed numerals constructed of 1/4" thick high-density polyethylene. In addition to material and specifications detailed in "panels" paragraph above, store panel shall contain brackets holding the counter panel on constructed of 7ga. glv bent sheet steel. In addition to material and specifications detailed in "panels" paragraph above, model museum pin panel shall contain polystyrene high impact static cylinders in red and blue and 1/2" stainless steel rods. In addition to material and specifications detailed in "panels" paragraph above, museum washer panel shall contain 1/2" stainless steel acme threaded rod. In addition to material and specifications detailed in "panels" paragraph above, museum zoetrope shall contain the weldment for the spinner event which shall be constructed of SHST HR 4.5mm (7 ga.) and 1215 steel. The rung brackets shall be constructed of 1" tube with bolting tabs of 11 ga. A-60 Galvannealed sheet, all solid welded. The steering wheel on vehicle-themed panels shall be constructed of a high density polyethylene produced from high performance, U.V. stabilized rotational molding grade resins with a comprehensive additive package. These resins are tested in accordance with ASTM testing procedures D-1505, D-1248, D-1693 (b), D-638, D-790 and D-746. Resin's properties shall exhibit a balance of toughness, rigidity, environmental stress crack resistance and excellent low temperature impact performance. Wall thickness shall be 1/8". The steering wheel hub cover shall be constructed of injection molded polypropylene which shall contain U.V. light stabilizers. Model 718-714-11B shall contain two side-by-side steering wheels for cooperative play. Themed for Space Ship Panel, star brackets shall be constructed of 11 ga. HRPO steel and powder coat painted. Each assembly shall contain Versalok Fasteners and Fastener Style A hardware. The steering wheel and two-color panels shall have molded-in color. The rungs, clamps, and steel panel shall have a Mira-Cote finish.



- **ACTIVITY PANEL INSERTS** available for Kids' Choice, Tots' Choice and Tots' Choice Expansion. Inserts shall be constructed from a combination of 1/2" thick high-density polyethylene, 3/4" thick high-density polyethylene, 3/16" thick polycarbonate, linear low-density polyethylene caps and stainless-steel ball bearings. The inserts shall have interactive, sensory and inclusive play for kids of all abilities including funhouse insert, very buried insert, a-maze-ing insert, four-the-win insert, magical music insert, hypnotize insert slide & solve insert, RG timer insert, solar explorer insert, cam chimes insert, 3 bell insert, bongo insert, tongue drum insert, make it rain insert, and tumble cog insert.

- **MIRA-THERM2 SQUARE TRANSFER POINTS** shall be designed to assist disabled users gain access to and egress from a deck system. The stair assembly shall be constructed of 11 ga. steel stringers solid **welded** to 11 ga. steel sheet decking that is perforated in a staggered pattern of 3/8" diameter holes at 5/8" apart center-to-center. Approximate dimensions of stair assembly shall be 26" overall width, 14" deep step tread and 8" high step rise. The 26" square (approximate) transfer point shall be constructed of 11 ga. steel sheet folded to form approximately 3" high sidewalls. The decking shall be perforated as described above. It shall be reinforced with cross braces of 3/16" x 2" HR flat solid **welded**. The bottom step shall be constructed of 11 ga. steel sheet (with folded edges) perforated as described above. The step shall be approximately 26" wide by 14" deep by 6-1/2" high. Kids' Choice deck enclosures shall be constructed of formed **1" pipe**, including a **welded** upright of the same material. Tots' Choice deck enclosures shall be constructed of **1" pipe** and a formed and **welded** upright of **1" tube**. Each deck enclosure assembly shall be drilled for field assembly of a stair handrail and shall have its bottom end mashed and punched for field assembly to deck. Stair handrail assemblies shall be **welded** upper and lower handrails of formed **1" pipe**. Closed handrails shall contain vertical uprights of **3/4" x 1" oval tube welded** within. Swaged handrail extensions for field assembly to handrails shall be constructed of **1" pipe**. A transfer deck handrail constructed of formed **1" pipe** shall be field assembled to one handrail newel upright and transfer point deck edge. Models designed for assembly to 5' and 6' or 6'-6" decks shall contain handrail sleeve supports constructed of **1-1/4" pipe, 10 ga.** The "U"-shaped transfer step handrail shall be formed **1" pipe**, drilled for field assembly to transfer point deck and bottom step. Its apex shall be 36-1/8" from finished grade. The rung leg shall be **1" pipe** with ends mashed and punched for field assembly to bottom step. The assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. The stairs, bottom step, and transfer point deck shall be finished in **Mira-Therm2** or **Mira-Therm2 PE**. The deck enclosures, handrails, extensions, sleeves, leg and clamps shall be finished in **Mira-Cote**.

- **WAVE ROOFS** act as an attractive roof to provide shade to your system. Roof and Post Topper shall be constructed of **Rockite**. Post Weldment shall comprise an angle plate, cape and plate of 3 mm galvanized sheet, a tube support of RDTB ILG 60.3 mm x 2.7 mm, a 12.5 mm diameter steel rod roof support and a swage constructed of RDTB ILG 127.0 mm x 3.0 mm. The assembly shall use **Fastener Style A** hardware.

- **CHAMELEON II SLIDE SYSTEM** shall feature interchangeable bedway sections to present maximum versatility in design configuration. The componentized, open bedway slide assembly may be attached to 2'-6" - 8' decks. The bedway sections, entry panel and exit section shall be constructed of double wall **Rockite** with a 18" bedway and 13-3/4" high sidewalls. The entry panel shall be supported by a rung of **1" pipe**. The "T" front leg shall be constructed of 1.5" X 16 ga. **square tube** and a bracket of 7 ga. galvanized sheet steel. Support legs shall be constructed of 1.66 OD x 13 ga. tube and a mounting bracket of 7 ga. sheet, solid **welded**. The assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. The rung, front leg, support legs and leg brackets shall have a **Mira-Cote** finish. The **Rockite** slide sections shall have color molded in.

- **CHAMELEON II SPIRAL SLIDES** shall feature narrower canopy and bedway sections and can be attached to 8' and 9' decks. The bedway sections, entry panel and exit section shall be constructed of double wall **Rockite**. Enclosure shall be constructed of 3/4" x 1" x 15 ga tube and 3 mm galvanized sheet. The front leg shall be constructed of 1.5" X 16 ga. **square tube** and a bracket of 7 ga. galvanized sheet steel. Support legs shall be constructed of 1.66 OD x 13 ga. tube and a mounting bracket of 7 ga. sheet, solid **welded**. Shall be constructed of 7 ga. galvanized sheet steel, solid **welded**. The assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. The rung, front leg, enclosure supports, support legs and leg brackets shall have a **Mira-Cote** finish. The **Rockite** slide sections shall have color molded in.

- **MIRA-THERM2 ATA STAIRS BETWEEN DECKS** shall be stair assemblies, with spoked or open handrails, designed to connect decks of different heights. The steps shall be constructed of 7 ga. steel stringers with treads constructed of 11 ga. steel sheet perforated with a staggered pattern of 3/8" diameter holes at 5/8" apart center-to-center, solid **welded**, with polyvinyl coating. The braces shall be constructed of 11 ga. black. The spoked handrails shall consist of a top and bottom rail and newel post, all of **1" pipe**, and uprights constructed of **3/4" x 1" oval tube**, all solid **welded**, with **plastic pipe plugs** inserted in open ends. Top rails shall have 3/8" aluminum inserts. The open handrails shall consist of a top and bottom rail and newel post of **1" pipe**, all solid **welded**, with **plastic pipe plugs** inserted in open ends. Top rails shall have 3/8" aluminum inserts. The top deck enclosure shall consist of enclosure rails and an upright, both to be constructed of **1" pipe**, drilled and solid **welded**, with one end of upright mashed for field attachment to deck. The bottom deck enclosure shall consist of horizontal rails and an upright of **1" pipe**, drilled and solid **welded**, and a spoke upright of **3/4" x 1" oval tube**. The upright shall be mashed on one end for field attachment to deck. Inserted in open ends will be **plastic pipe plugs**. The assembly shall include **Fastener Style A** hardware and **Versalok Fasteners**. The step assemblies shall be finished in **Mira-Therm2** or **Mira-Therm2 PE**. The deck enclosures, handrails, and clamps shall be finished in **Mira-Cote**.

- **BIG TIMBER STUMP SEATS** shall be designed to attach to existing Kids' Choice deck posts, creating a resting seat. Stumps shall be constructed of **Rockite** and shall contain a log-shaped top surface measuring approximately 17" diameter. Stumps shall measure 12" high without frame. Frame shall be constructed of a horizontal bar constructed of **2-3/8" tube, 12 ga.**; a 5" diameter bolting plate of **5" Sch 40 pipe solid welded** to the Frame's horizontal bar; seat support post(s) measuring 11" constructed of **1-1/2" pipe solid welded** to the Frame's horizontal bar; Post Mount Plate(s) measuring 5-7/8" x 5-7/8", constructed of 11 ga. galvanized solid **welded** to the seat support post(s). All fasteners shall be **Fastener Style A**. The **Rockite** Pod and Stump Seats shall have color molded in. The frames shall be finished in **Mira-Cote**.

- **WAVE BARRIERS** are designed to provide fall protection on Kids' Choice Deck systems. The barrier shall comprise a frame with uprights and rungs of 1.315" O.D. x 14 ga. galvanized, embossed tubing, fully **welded**. Brackets of 11 ga. galvanized sheet steel are stitch **welded** to the tubing to complete the frame. Top Barrier shall be **Mira-Therm**. The barrier shall comprise a frame with uprights and rungs of 1.315" O.D. x 14 ga. galvanized, embossed tubing, fully **welded**. Brackets of 11 ga. galvanized sheet steel are stitch **welded** to the tubing to complete the frame. Top



Barrier shall be **Mira-Therm**. Mesh shall be constructed of galvanized **welded** wire, 0.224" dia. The assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. The frame and clamps shall have a **Mira-Cote** finish. The Top Barrier shall be available in **Mira-Therm** finishes.

- **MINI CITY PLAYHOUSES** are designed to be enjoyed by children of all abilities, including autism, developmental delays and those that use mobility devices. Children can use their imagination, improve strength, agility and mobility. The steel frame shall be constructed from **2" square tube**, 16-gage galvanized steel tubing, 1/4" steel plates. The steel frame (sensory garden wall, traffic light) shall be constructed from 12-gage and 14-gage galvanized steel. The steel roof/end walls shall be constructed from 12-gage galvanized steel plate. The stairs shall be constructed from 12-gage steel coated with durable, thermoplastic coating. The deck platform shall be constructed from 12-gage steel coated with durable, thermoplastic coating. The rope shall be 16mm rope with aluminum connector. The steel crawl tube shall be constructed from 14-gage galvanized steel, 8-gage galvanized steel, **1-1/4" pipe**, 13-gage galvanized steel tubing. The steel climber shall be constructed from **1-1/2" pipe**, 13-gage galvanized steel tubing, 8-gage and 1/4" steel plate. The plastic slide shall be 1/2" **Mira-Lene** bedway, 3/4" **Mira-Lene** sides. The plastic steps/seat shall be 3/4" textured **Mira-Lene**. The plastic walls/ends/panels shall be 3/4" **Mira-Lene**. The plastic tire shall be **Rockite**. The skylight (chatterry) shall be 1/4" **Koda XT**. The skylight (playhouse, chatterry) shall be 3/16" screen printed Lexan. The castings shall be 319 aluminum. The finishes shall be in **Mira-Cote**. All fastening hardware shall be **Fastener Style A**. The shelves shall be constructed from 12-gage steel. The graphic panels shall be 1/4" fiberglass signs. The dog door/belt bridge shall be 3/8" **Flextread**. The colored lenses shall be 1/8" acrylic colored panels with 3/16" Lexan covers.

- **MIRACLE MACHINES** playevents are designed to be enjoyed by children of ages. They feature sensory-rich details with fun auditory feedback. Interactive gears and levers at a variety of heights and reach ranges provide children of varying abilities with a real play choice. The Miracle Machines play events may be freestanding, clustered or grouped with other Miracle Machines, and Miracle Museum play events. The frame weldments shall be constructed of tube 3.500 OD x 11 ga galvanized with sheet steel 3.0mm thick (11ga) galvanized welded to it. The supports shall be constructed of 1" pipe gator grip. Footings for bolt down version will be made from plate 7.9mm thick and welded to the main frame. For inground, the bolt on legs shall be constructed of 5" 11ga pipe with a 7.9mm plate welded to it. The structure shall be constructed from 3/4" sheet laminated HDPE, with a 1/8" sheet of polycarbonate on the outsides. The insides of the panel shall be constructed of 3/4" and 1/4" mira-lene routed panels, bronze bushings, 1" square galvanized pipe and stainless-steel balls. The frame shall have a **Mira-Cote™** Finish.

- **MIRACLE MUSEUM** playevents are designed to be enjoyed by children of all abilities, including autism, developmental delays and those that use mobility devices. Children can use their imagination and enhance creative play. The Miracle Museum playevents may be freestanding, clustered or grouped with other Miracle Museum playevents. The Spinner Assembly Shall be constructed from 3/4" and 1/2" **Mira-Lene** routed panels, bronze bearing and polymer and stainless steel balls inside the spinner and covered by a transparent polycarbonate bubble. The Post Weldment shall be made from 3/5" x 11ga. galvanized steel tubing, 7 ga. galvanized steel sheet and 3/8" steel plate. The Odyssey Hall Frame Weldments shall be constructed of tube 3.500 OD x 11 ga. galvanized with tabs and blocks made from SHST GAL 3.0mm (11ga.) and 5/8" mild steel block hanger. The Cross Members Shall be constructed from tube 2.375 OD x 12 ga. galvanized with tabs and blocks made from SHST GAL 3.0mm (11 ga.) and 5/8" mild steel block hanger. The Spinners shall be made from rotational molded plastic and 9.5mm (.38") grey textured styrene butadiene rubber (SBR). The Ropes shall be steel reinforced nylon braided rope with a galvanized foundation steelwork. The Chains shall be 4/O straight link coil chain. The Odyssey Hall Frame shall have a **Mira-Cote** finish. The Dynamics Lab Frame Weldments shall be constructed of tube 3.500 OD x 11 ga. galvanized, tube 2.375 OD x 16 ga. galvanized and SHST GAL 3.0mm (11 ga.). Footings for bolt down version will be made from plate 9.5mm (3/8") A36 and **welded** to the main frame. The Mounting Weldments shall be constructed of RDTB ILG 42.2 x 3.0, SHST GAL 3.0mm (11ga.) and tube 1.315 OD x 11 ga. galvanized and used to mount the drum. The weldment for the spinner events shall be constructed of SHST HR 4.5mm (7 ga.) and 1215 steel. The Router Events shall be constructed from 3/4" sheet laminated HDPE or 1/2" sheet HDPE. The Dynamics Lab Frame shall have a **Mira-Cote** finish. The Grand Gallery Frame shall be constructed of 3 1/2" OD x 11 ga. galvanized tube, 2 3/8" OD x 12 ga. galvanized tube, 1 5/8" x 11 ga. galvanized tube and 3.0mm galvanized sheet. Footings for bolt down version shall be constructed of 3/8" A36 plate, welded. The activities shall be constructed from 1/2" laminated high-density polyethylene, 3/4" laminated high-density polyethylene, 1/4" translucent colored polycarbonate, cast alloyed aluminum bells, golf balls, mirrored finish stainless steel, polystyrene high impact static cylinders in red and blue and 1/2" stainless steel acme threaded rod. The Momentum Corridor Slide sides shall be constructed of 4.6mm galvanized sheet, 3 1/2" x 13 ga. galvanized tube and 25.4 x 14 ga. tube. Slide decks shall be constructed of 2.3mm galvanized sheet. Rollers shall be constructed of 2" aluminum tubing with nitrile bearings on stainless steel shafts. Slide roof shall be constructed of 4.6mm galvanized sheet, 3.0mm galvanized sheet, 1 7/8" x 11 ga. tube and 1 5/16" x 14 ga. tube. Slide support shall be constructed of 1 5/8" x 11 ga. galvanized tube and 4.6mm galvanized sheet. Tranquility Corner Top Weldment shall be made from: corner cross member 1, tube rnd 3.500 11ga. glv; corner cross member 2, tube rnd 3.500 11ga. glv; corner cross member 3, tube rnd 2.375 12ga. glv; corner bolt panel 1, 2 and 3, sheet 11ga. galv (3.0mm). Triangle Roof (KODA) shall be constructed of **KODA XT 1/4"**. Corner Leg 1 and 2 shall be constructed of tube rnd 3.500 11ga. glv. All hardware shall be **Fastener Style A**. The frame assembly shall have a **Mira-Cote** finish. The gear spinner shall be constructed from 1/2" **Mira-Lene** routed gears separated by spacers constructed from 1/4" **Mira-Lene**. Gears and spacers are to be assembled onto a M10 threaded rod. Ground level panel weldments shall be constructed of tube 3.500" OD x 11 ga. galvanized tube, 2.375" OD x 10 ga. galvanized, tube 2.375" OD x 12 ga. galvanized tube and 3.0mm (11 ga.) galvanized sheet. Finishes (unless otherwise stated): The frame assembly and Versalok Fasteners shall have a **Mira-Cote™** finish. Versalok fasteners: All **Versalok Fasteners** for component attachment shall be aluminum alloy.

- **SADDLE SEAT** shall be an amazing spinning component that supports the principles of inertia by keeping kids spinning merely by use of body weight. Entire assembly shall measure 66 5/8" in height, 18 5/8" in width and 16 13/16" in length. The Seat shall be constructed of rotomolded **Rockite** which shall be contoured for comfort and include water drain holes. Hand grips shall be molded into the sides. Post Assembly parts - spindle shaft shall be fully **welded** to a spacer constructed of 3/8" A36 hot rolled steel plate, which shall be fully **welded** to a post constructed of 3 1/2" x 13 ga. galvanized steel tubing. A base plate of 11 ga. galvanized sheet steel shall be **welded** to the bottom of the post to facilitate installation and retain the post in the concrete footing. Model 945-1 post assembly shall have a 10° bend. Hub Spindle assembly shall comprise a 2,500 lb. capacity industrial trailer hub with tapered roller bearings. Bearings shall be packed with grease prior to assembly and protected against



contaminants through an elastomeric seal around spindle shaft. All fastening hardware shall be **Fastener Style A**. The **Rockite** seat shall have color molded in. The post assembly and exposed hub surfaces shall be finished in **Mira-Cote**.

- **RISK MANAGEMENT SIGN** is intended to inform the parents and children that adult supervision is recommended, along with smart play on the equipment in the play area. Sign shall be constructed of fiberglass embedded, gloss finish, 0.125" thick. Steel frame shall be 2-3/8" OD 12 gauge galvanized steel tubing, 13 gauge galvanized steel sheet for mounting sign, and 3/8" thick hot rolled steel base plate on each leg. Extension tube shall be 2.375 12GA GLV-IL X 24" tube round. Hardware shall be stainless steel that requires tooling to install or remove. Frame shall have a **Mira-Cote** finish.

- **WELCOME SIGN** The Welcome Sign displays the age range of intended users in English, French Canadian/English (CSA) and Spanish with single or doubled sided posts. Sign posts, each, shall be constructed of **3-1/2" tube, 13 ga.**, 1-5/8" tube and plate of 12ga. **A-60 Galvannealed** sheet and solid **welded**. The sign panel shall be a fiberglass embedment sign with an approximate graphics area of 23" and approx. 0.09" thick. This sign will have a tensile strength of 12,000 psi, a compressive strength of 20,000 psi, a flexural strength of 18,000 psi, an impact strength of 6 ft.lbs/inch notch, a barcol hardness of 50 and a modulus of elasticity of 2,000,000 psi. The sign shall have an excellent resistance to mild acids, a fair resistance to alkalis and an excellent resistance to solvents. The assembly shall contain **Fastener Style A** hardware. Sign posts shall have a **Mira-Cote** finish.

- **SURFER** shall be a bouncing, wobbling coil spring component that encourages children to develop imagination, balance and motor skills while "surfing" the waves. The rider body shall consist of a **Rockite** mold measuring 24-7/8" in length, 16-1/4" in width and 6-11/16" in height. Surfer shall have 5 pre-drilled 7/16" bolt holes and one 9/16" vent hole in its center. Surfer's top surface shall have a criss-cross tread design etched into the **Rockite** to deter slipping. The coils spring shall be 3/4" steel wire, consisting of eight 5-1/2" O.D. coils, with a free height of approximately 13". The coil spring shall have a spring rate of 650 lbs./inch and shall be secured to the base plates by Spiral-Loks constructed of cast iron. Bolting Board Plate shall be constructed of 1/4" black ASTM-36 sheet pre-drilled with five 7/16" bolt holes and one 9/16" vent hole, and a center 'keyhole' to lock in carriage bolt during installation. Bolting Spring Plate shall be constructed of 1/4" black ASTM-36 sheet predrilled with three 11/32" inch holes, one 9/16" vent hole, and overlapping center "keyholes" to lock in carriage bolts during installation. A bolting pin shall be solid **welded** to bolting spring plate and shall measure 2" in length. The base weldment shall comprise an anchor plate of 1/8" x 2" flat sheet, a top plate of 1/4" black sheet, and a center tube constructed of **5" tube**, all solid **welded**. All fastening hardware shall be **Fastener Style A**. The **Rockite** body shall have color molded in. The coil spring and Spira-Loks shall be finished in **Mira-Cote**. Bolting plates are zinc plated.

- **INCLUSIVE WHIRL** is a classic style whirl designed for ADA accessibility, containing one ADA compliant parking space and a single seat for kids or caregivers. Inclusive Whirl decking is level with surrounding surfacing, allowing easy access via wheel chair. Rotating base weldment is comprised of 2-3/8" x 1/8" thick square steel and 3/16" rolled angle steel. The rotating platform is supported by four, 100mm (4") diameter caster wheels for smooth operation. Two (2) layer decking system designed to reduce surface temperature of the platform on installations in warmer climates. The lower layer is comprised of 14ga. solid sheet steel. The upper layer is comprised of 14 ga. perforated sheet steel. Hand rail weldment is constructed of 1.66 OD 13 ga. galvanized steel tube. Seat is comprised of anti-slip 3/4" thick HDPE sheet plastic. All hardware is 18-8 stainless steel tamper resistant. In-ground footer frame weldment is comprised of 3" x 3" 11 ga. square steel tubing. Decking upper layer shall be finished in **Mira-Therm**. Rotating base, decking lower layer, hand rail, and footer frame shall be finished in **Mira-Cote**.

- **ARCH BASKET SWINGS** shall consist of arch weldments and headers which assemble to form a swing frame. Basket swing included. For models with 3-1/2" diameter arch posts, Arch weldments shall consist of the arch and stub(s). Arches shall be constructed of 3-1/2" tube, 11-gauge. Stubs shall be constructed of 4" tube, 7-gauge. The stub(s) shall be solid **welded** to the arches. For models with 5" diameter arch posts, Arch weldments shall consist of the arch and stub(s). Arches shall be constructed of 5" tube, 11-gauge. Stubs shall be constructed of 4" tube, 7-gauge. The stub(s) shall be solid **welded** to the arches. For all models, the header shall be constructed of 3-1/2" tube, 8 gauge. Ropes shall be constructed of 16mm diameter, steel reinforced nylon braided rope with a galvanized foundation steelwork. Mounting hardware shall be stainless steel. All hardware shall be **Fastener Style A**. The arches and header shall be finished in **Mira-Cote**. Chain shall be **5/0 straight link coil chain**.

- **ARCH SWING FRAMES 3.5" (inground and bolt down)** shall consist of arch weldments and header weldments which assemble to form a swing frame. Swings must be ordered separately. Arch weldments shall consist of the arch and stub(s). Arches shall be constructed of 3-1/2" tube, 11-gauge. Stubs shall be constructed of 4" tube, 7-gauge. The stub(s) shall be solid **welded** to the arches. The header weldment shall consist of the header and bushing housings. The header shall be constructed of 3-1/2" tube, 8-gauge. The header shall have bushing housings **welded** to it with oil-impregnated bushings installed after painting. The clevises shall be cast of ductile iron grade 60-40-18. All fastening hardware shall be **Fastener Style A**. The arches and header shall be finished in **Mira-Cote**. The clevises shall be zinc plated.

- **GENERATION SWING SEAT** is a **Rockite** seat molded to form a double-sided swing, one side a tot swing design and the other for an adult.

- **SWING SEATS** shall reference one of the following in Miracle's "Glossary of Technical Data for Materials, Processes and Finishes": **Slashproof Seat, 360 Degree Slashproof Tot Seat, Inclusive Swing Seat or Generation Swing Seat**.

- **SIGNATURE SERIES 6' & 8' BENCH WITH & WITH OUT BACK EXPANDED METAL & PERFORATED - PORTABLE, INGROUND & SURFACE MOUNT** shall have heat fused poly-vinyl coating, finished on inner-metal structure, to an approximate 3/16" thickness. Framework



assemblies are finished with powder coating; electrostatically applied and oven cured according to powder manufacturer's specifications. Fasteners are stainless steel to resist corrosion. BENCH FRAME: Main supports are constructed of 2 3/8" od x 12 gage structural steel tubing. Braces are 1" od x 15 gage structural steel tubing. Mounting brackets on legs are 1/4" x 2" steel flat bar or 10 gage sheet steel. Base plates are 1/4" plate steel. SEATS: Seat and back uses 3/4" #9 expanded steel mesh and 12 gage sheet steel for the perforated. Framing consists of die formed 10 gage mitered angles 3/4" x 1 3/4". Center brace and mounting brackets are 1/4" x 1 1/2" steel flat bar. GENERAL: 6' bench, ground space requirements are; inground and surface mount without back is 10 3/8" x 72 3/8", with back is 19 5/8" x 72 3/8", portable without back is 18 1/8" x 72 3/8", with back is 23 3/16" x 72 3/8". Seats are 10 3/8" wide x 72 3/8" long, 19" to top of seat and 31 3/4" to top of bench. Corner radius is 3" to the outside. 8' Bench ground space requirements are; inground and surface mount without back is 10 3/8" x 96 3/8", with back is 19 5/8" x 96 3/8", portable without back is 18 1/8" x 96 3/8", with back is 23 3/16" x 96 3/8". Seats are 10 3/8" wide x 96 3/8" long, 19" to top of seat and 31 3/4" to top of bench. Corner radius is 3" to the outside.

## Technical Data for Processes and Finishes of the Highlighted Items

- **4/0 straight link coil chain** is trivalent zinc finish with a 670-pound working load limit. All chain shall be manufactured to ASTM A467-86A Class CS specifications.
- **5/0 straight link coil chain** is trivalent zinc finish with a 880-pound working load limit. All chain shall be manufactured to ASTM A467-86A Class CS Specifications.
- **Mira-Therm2 coated chain** is a **welded** chain with links sufficiently wide to allow them to pass one another freely, eliminating the tendency to kink. The links are low carbon zinc plated steel with a polyvinyl chloride coating.
- **Versalok Fasteners (R)** are cast **aluminum alloy**. Each fastener consists of two die cast **aluminum alloy** "half ring" pieces, which were designed to fasten onto the round posts by use of a male/female interlock. For 3-1/2" post, outside dimension of the completed fastener (joined "half-rings") is 5". For 5" post, outside dimension of the completed fastener is 6-1/2". *Rungs and components* connect to clamps on posts by means of die cast **aluminum alloy**, two-piece socket receptors which may be assembled to a previously-installed clamp ring and secured to the clamp and component by set screws (and tek screws in some cases). *Decks* connect to clamps on posts by means of die cast **aluminum alloy**, one-piece deck support castings. The clamp assembly and socket receptor have a **Mira-Cote** finish. Kids' Choice components with **2-3/8" tube, 12 ga.** mounting points attach to 5" posts using **aluminum alloy** sand cast header supports.
- **3-1/2" round end cap** is die cast **aluminum alloy**.
- **5" round end cap** is die cast **aluminum alloy**.
- **Fastener Style A** is a corrosion resistant, 18-8, stainless steel, vandal resistant fastener.
- **fiberglass** components are sprayed-up isophthalic molding resin with fiberglass reinforcements. The resins and fiberglass are tested in accordance with ASTM D-790, D-38-0651 and D-638. All sprayed up fiberglass components have a **Gelcoat** finish which is molded in during the spray up process.
- **Flexthead** is a .375" (.95cm) thick, 2-ply performance-woven mesh with a high-quality rubber/nitrile blend. Breaking strength of 21,120 lbs. (9579kg) per 12" width. Non-marking, odorless and textured for excellent grip when wet.
- **GATOR GRIP (TM)** is a three-dimensional textured pattern exclusive to Miracle, embossed in steel to a depth of .014" to .017".
- **Koda XT** is a polycarbonate resin designed for exterior architecture and featuring superior impact strength, formability and high-temperature resistance.
- **A-60 Galvannealed** indicates that a coating of .60 ounces of zinc per square foot alloyed with substrate steel has been applied on each surface side.
- **Mira-Cote (TM)** is a Super Durable formulation of a polyester powder coating finish that is applied to a thickness of 3-5 mil. This finish gives metal parts long term protection from chipping, fading and peeling. Miracle's finishing system washes the metal parts with detergent and etches the metal for optimum adhesion. The part is then rinsed clean with water. Next the part is coated with a non-chromic sealer and dried. The Mira-Cote powder is then applied electrostatically to the metal part. The metal parts are then baked at a high temperature to fuse a hard, smooth durable finish to the metal. Mira-Cote has an impact value of 160 in. lbs., flexibility value of 180 degree-1/4" mandrel, shore hardness value H and a crosshatch adhesion of 100%. Mira-Cote is tested in accordance with ASTM D-792, D-523, D-2794, D-1737, D-3363, D-3359 (b), B117 and D-2247.
- **Mira-Lene (TM)** is compression-molded, 3/4" thick, high density polyethylene that has been specifically formulated for optimum U.V. stability and color retention. Compression-molded products have a density of .952 g/cm3 per ASTM D1505 and tensile strength of 3900 PSI per ASTM D638.
- **Mira-Therm2 PE** is a non-toxic copolymer polyethylene coating applied to a thickness of 1/16". Mira-Therm2 PE contains U.V. light stabilizers, anti-microbial additives and color pigments. Mira-Therm2 PE contains no orthophthalates or other banned substances. Mira-Therm2 PE is a proprietary brand of PE coating. Materials are tested in accordance with ASTM D-638, ASTM D-412, ASTM D-2240 and ASTM D-1004. Mira-Therm2 PE meets the FMVS 302 flammability rating, the requirements of California State Law and the 2008 CPSI Act.
- **1" pipe** is **GATOR GRIP** embossed 14 ga., **1" pipe sized tube** (1.315" OD; approx. 1-5/16" OD.)
- **1" pipe, 10 ga.** is 10 ga., **1" pipe sized tube** (1.315" OD; approx. 1-5/16" OD.)
- **1" pipe, 12 ga.** is 12 ga., **1" pipe sized tube** (1.315" OD; approx. 1-5/16" OD.)
- **1-1/4" pipe** is 13 ga., **1-1/4" pipe sized tube** (1.660" OD; approx. 1-11/16" OD.)
- **1-1/4" pipe, 10 ga.** is 10 ga., **1-1/4" pipe sized tube** (1.660" OD; approx. 1-11/16" OD.)
- **1-1/2" pipe** is 13 ga., **1-1/2" pipe sized tube** (1.900" OD; approx. 1-7/8" OD.)
- **5" Sch 40 pipe** is 5" **schedule 40 galvanized** pipe (5.563" OD; approx. 5-9/16" OD.)
- **plastic pipe plugs** are injection molded polypropylene containing U.V. light stabilizers.
- **Rockite (R)** (Rotational Molded Polyethylene) is a low-density polyethylene produced from high performance, U.V. stabilized rotational molding grade resins with a comprehensive additive package. These resins are tested in accordance with ASTM testing procedures D-1505, D-1248, D-

1693(b), D- 638, D-790 and D-746. Resin's properties exhibit a balance of toughness, rigidity, environmental stress crack resistance and excellent low temperature impact performance. Wall thickness of molded components is 3/16" to 1/4".

- **Slashproof Seat** is a flexible flat single strap seat with end attachment points and an exterior surface of blue EPDM rubber. Models with chain have two segments of **4/0 straight link coil chain** to suspend the swing from a swing frame header. The Slashproof seat is constructed of a 4" wide inner steel insert of type 301 stainless spring steel, 0.020" thick. The Slashproof seat is 26" long (excluding mounting triangles) x 5" wide x 5/8" thick at the front and rear leading cushion edges. The rubber molded to the steel core is 70 durometer blue EPDM. At each end, a 16 ga. galvanized steel clip 3" wide is attached by three stainless steel rivets through the clip and seat subassembly. A 3/8" diameter galvanized steel mounting triangle is encompassed by the steel clip at each end of the seat. For Model # 284-74, the lower 30" of the chain is finished in **Mira-Therm2**.

- **360 Degree Slashproof Tot Seat** is a flexible seat fabricated into a configuration of a wide strap under and through the bottom, a wide strap running completely around at the top, and two (2) interconnecting straps at the front and rear of the seat for complete enclosure of the small user. The exterior surface is blue EPDM rubber. Models with chain have two segments of **4/0 straight link coil chain** to suspend the swing from a swing frame header. The 360-degree tot seat is constructed of a one-piece die cut 0.020" thick, martinsitic spring steel insert with 70 durometer blue EPDM rubber, 1/4" thick, molded to the insert. The main seat strap is 5" wide, the back strap is 4" wide, and the front strap is 2" wide. The two (2) places where the straps are interconnected and form the suspension points for the seat are held by a clip and grommet system. The clip is 4" wide 16 ga. galvanized steel. There are two grommets per clip, each of which is 3/4" O.D. by 14 ga. wall galvanized steel tube, flared to securely attach the clip to the seat. The two (2) mounting triangles are secured to the seat by clips and are made from 3/8" steel round stock, formed and galvanized. For Model # 299-74, the lower 30" of the chain is finished in **Mira-Therm2**.

- **Generation Swing Seat** is a **Rockite** seat molded to form a double-sided swing, one side a tot swing design and the other for an adult. Models with chains have two chains to suspend the swing from a swing frame header. The chain assembly is fabricated from **4/0 straight link coil chain**. The **Rockite** seat has molded-in color. All hardware used is **Fastener Style A** except for the spacer collar which is aluminum.

- **Inclusive Swing Seat** is constructed of **Rockite** seats molded to form a chair. Models that are 8' or 10' with chains each have two chains to suspend the swing from a swing frame header. The attached seat is a reinforced polyurethane rubber bumper. The sliding latch mechanism is constructed from 6061 machined aluminum. The chain assembly is fabricated from **4/0 straight link coil chain**. The chain is manufactured to ASTM A467-86A Class CS specifications. All rubber surfaces are EPDM. The **Rockite** seats have molded-in color. All exposed metal surfaces are bright zinc plated. The clevises are zinc plated. The chain has a **Mira-Therm** coating.

- **square tube** is fabricated of 1010 hot rolled, **Flo-Coat**, galvanized tube manufactured from steel, cold formed and high frequency induction **welded** continuously. It conforms to ASTM A-513 and ASTM A-500 and is tested in accordance with ASTM E-8. The minimum mechanical properties of the tube are yield strength of 50,000 p.s.i. and tensile strength of 55,000 p.s.i.

- **3/4" x 1" oval tube** is 15 ga. wall. It is fabricated of 1008 hot rolled, **Flo-Coat**, galvanized tube manufactured from steel, cold formed and high frequency induction **welded** continuously. It conforms to ASTM A-135 and ASTM A-500 and is tested in accordance with ASTM E-8. The minimum mechanical properties of the tube are yield strength of 50,000 p.s.i. and tensile strength of 55,000 p.s.i.

- **1-1/2" square tube** is 16 ga., **1-1/2" square tube**.
- **2" square tube** is 12 ga., **2" square tube**.
- **1" tube** is 1" OD, 15 ga. fluted **round tube**. It conforms to ASTM A-500.
- **2-3/8" tube, 12 ga.** is 2-3/8" OD, 12 ga. **round tube**. It conforms to ASTM A-500.
- **3-1/2" tube, 13 ga.** is 3-1/2" OD, 13 ga. **round tube**. It conforms to ASTM A-500.
- **5" tube** is 5" OD, 13 ga. **round tube**. It conforms to ASTM A-500.
- **5" tube, 11 ga.** is 5" OD, 11 ga. **round tube**. It conforms to ASTM A-500.

- **welded** refers to welds that are made by certified welders, tested in accordance with AWS D1.1-94, structural welding code specifications for steel. Welds conform to AWS A5.17 ASME SFA-5.17 EML3K and AWS A-5.18ER70S-3 ASME SFA-5.18 ER70s-3 LE332- C and LE-559-L.

- **Specification Policy:** Specifications were current at the time of publication. Miracle Recreation Equipment Company has a policy of ongoing product improvement and therefore reserves the right to modify specifications or discontinue products without notice.



# Miracle® Limited Warranty

Miracle Recreation Equipment Company warrants its products against structural failure due to defects in materials and workmanship for the warranty periods and material categories prescribed below.

Buyer agrees that products sold by Miracle Recreation Equipment Company carry only the following warranties:

1. **LIMITED WARRANTY FOR AS LONG AS YOU OWN THE PRODUCT:** Aluminum deck posts, steel deck posts, VersaLok® fastening system, cast aluminum parts, and associated fastening hardware.
2. **LIMITED FIFTEEN (15) YEAR WARRANTY:** All rigid steel playground components, decks, steps, and weldments, rotationally molded and sheet plastic components, plastic lumber, roof panels, and stainless steel slides, except as otherwise specified below.
3. **LIMITED TEN (10) YEAR WARRANTY:** Fabric shade steel frames, Shadesure™ and Colourshade FR fabrics (Note Exception: Limited Five (5) Year Warranty on Shadesure™ fabrics in colors Red, Yellow, Electric Purple, Zesty Lime, Cinnamon, and Olive.)
4. **LIMITED EIGHT (8) YEAR WARRANTY:**
  - Fiberglass signage, accessible swing seats, precast PolyFiberCrete or precast concrete products.
  - Play Terrain Synthetic Turf safety surfacing against deterioration of specified attenuation performance and appearance.
  - Integrated shade fabric and components against rot, UV deterioration and defects in materials and workmanship (Note Exception: Limited Three (3) Year Warranty for fabric in shades of red).
5. **LIMITED FIVE (5) YEAR WARRANTY:**
  - Heavy duty diamond barrier mesh and Kidrox™ Climbing Rocks.
  - Mira-Therm™ PVC coating and PE coating against cracking or peeling.
  - Park and Site Amenities (i.e. benches, tables, trash receptacles, etc.).
  - GFRP (Glass Fiber Reinforced Polymer) Products.
  - Steel core cable nets and rope fittings and connections (Note Exception: Warranty does not cover normal wear and tear such as fraying or facing of cable coating).
6. **LIMITED THREE (3) YEAR WARRANTY:** Flexible belting, plastic border timbers and accessories, and electronic panel speakers, sound chips, and circuit boards.
7. **LIMITED ONE (1) YEAR WARRANTY:**
  - Slashproof Swing Seats, 360° Bucket Tot Swing Seats, and Tuff Net no climbing mesh.
  - Pool slide support structures, stairways, landings and railings.
  - All other products, components and custom pieces that are not specifically listed above, including, without limitation, all moving parts, such as swing hangers and bearings, swivels, chains, whirls, springs and flexible components, and all high wear items, such as trolleys, cables, wheels, and bumper stops related to rail and cable ride products.

**BUYER'S REMEDY:** If any products prove defective or non-conforming under normal use and within the above-prescribed warranty periods and material categories, Buyer must promptly notify Miracle® in writing at 878 E. Hwy 60, Monett, MO 65708 USA. Miracle® may elect to inspect the alleged defect at Buyer's site or at Miracle's facility. Buyer shall not return products to Miracle® unless authorized by Miracle® to do so. Authorized returns must be properly packaged and shipped prepaid and insured, at Buyer's expense. Upon verification of warranty coverage, Miracle® may elect, in its sole discretion, to repair defective or non-conforming products, or replace them by delivering products or part(s) of similar functionality free of charge to the site. Miracle's limited warranties do not cover the cost of labor to remove defective or non-conforming part(s) or to install repaired or replacement part(s). By use of these limited warranties, Buyer accepts their terms and limitations, and waives any rights it would otherwise have to claim or assert that such warranties fail of their essential purpose. Buyer agrees that venue for any court action to enforce these limited warranties shall be in Barry or Greene Counties in the State of Missouri.

**LIMITATIONS:** All warranty periods begin on the date of Miracle's invoice. Repaired and/or replacement part(s) are warranted only for the balance of the original limited warranty period. Warranties extend only to the original Buyer/end user for products purchased from Miracle® or a Miracle® authorized reseller, and are not transferable.

Warranties apply only to Miracle® products that are erected and installed in conformance with Miracle's installation instructions, and that are maintained and inspected in conformance with Miracle® maintenance and operational instructions.

Warranties specifically do not cover Miracle® products:

- for cosmetic damage or flaws occurring under normal use, such as surface scratches, minor chips, hairline cracks, dents, marring, efflorescence, color fade (except for shade fabric as noted above), discoloration, corrosion/rust, fraying, or warping of recycled plastic lumber;
- that have been modified, altered, or repaired by unauthorized third parties;
- that have not been used as designed or intended, or misused;
- to which non-Miracle® parts have been added or substituted;
- that have been removed from their original location and re-installed elsewhere;
- or that have been damaged due to excessive wear and tear, vandalism, abnormal use, abuse, negligence, environmental factors (such as wind-blown sand, salt spray, or airborne emissions from industrial sources), extreme weather (such as hail, flooding, lightning, tornados, sandstorms, earthquakes, or wind storms), and acts of God.

Miracle® does not warrant that any particular color will be available for any specific period of time, and reserves the right, its sole discretion, to discontinue any color for any reason.

THE FOREGOING LIMITED WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY FOR SELLER'S PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, IN LAW OR IN FACT. SELLER SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE OR PURPOSE, AND ANY IMPLIED WARRANTIES ARISING OUT OF COURSE OF DEALING OR PERFORMANCE OR TRADE USAGE. SELLER SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, SPECIAL, OR PUNITIVE DAMAGES, OR ANY LOSS OF REVENUE, PROFIT OR USE, ARISING OUT OF A BREACH OF THIS WARRANTY OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, OPERATION OR REPAIR OF ANY PRODUCT. IN NO EVENT WILL SELLER BE LIABLE FOR ANY AMOUNT GREATER THAN THE PURCHASE PRICE OF A DEFECTIVE PRODUCT

*Prices are subject to change without notice and are exclusive of installation, surfacing, transportation, insurance, taxes, license fees, customs fees, duties, premiums, fees, and other charges.*



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# CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)  
10/02/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Aon Risk Services Central, Inc. St. Louis MO Office 4220 Duncan Avenue Suite 401 St Louis MO 63110 USA	<b>CONTACT NAME:</b>	
	<b>PHONE (A/C. No. Ext):</b> (866) 283-7122	<b>FAX (A/C. No.):</b> (800) 363-0105
<b>INSURED</b> Playpower Holdings, Inc. 11515 Vanstory Drive #100 HUNTERVILLE NC 28078 USA	<b>E-MAIL ADDRESS:</b>	
	<b>INSURER(S) AFFORDING COVERAGE</b>	
	<b>NAIC #</b>	
	<b>INSURER A:</b> James River Insurance Company	12203
	<b>INSURER B:</b> Pennsylvania Manufacturers' Assoc Ins Co	12262
	<b>INSURER C:</b> Manufacturers Alliance Ins Co	36897
	<b>INSURER D:</b> Columbia Casualty Company	31127
<b>INSURER E:</b> Allied world Assurance Company (US) Inc	19489	
<b>INSURER F:</b>		

Holder Identifier :

**COVERAGES****CERTIFICATE NUMBER:** 570108749096**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC <input type="checkbox"/> OTHER:			000959655 SIR applies per policy terms & conditions	10/01/2024	10/01/2025	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 SIR \$500,000
C	<b>AUTOMOBILE LIABILITY</b>			152400 0652321B CA 152400 0652321A AOS	10/01/2024	10/01/2025	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000
B	<input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> \$1,000 Ded. Collision <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> \$1,000 Ded. Comp				10/01/2024	10/01/2025	BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
E	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$10,000			03140086	10/01/2024	10/01/2025	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	N/A	2024750652321	10/01/2024	10/01/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE-EA EMPLOYEE \$1,000,000 E.L. DISEASE-POLICY LIMIT \$1,000,000

Certificate No : 570108749096

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Evidence of Insurance. The Excess Liability policy is endorsed with a Blanket Additional Insured Endorsement.

**CERTIFICATE HOLDER****CANCELLATION**

Playpower Holdings, Inc. 11515 Vanstory Drive, Suite 100 Huntersville NC 28078-6417 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE  <i>Aon Risk Services Central, Inc.</i>



**ADDITIONAL REMARKS**



# ADDITIONAL REMARKS SCHEDULE

AGENCY Aon Risk Services Central, Inc.		NAMED INSURED Playpower Holdings, Inc.
POLICY NUMBER See Certificate Number: 570108749096		
CARRIER See Certificate Number: 570108749096	NAIC CODE	EFFECTIVE DATE:

## ADDITIONAL REMARKS

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,**

**FORM NUMBER:** ACORD 25 **FORM TITLE:** Certificate of Liability Insurance

Named Insured Schedule

PlayPower Inc. (First named insured)

Additional Named Insureds

Play Holdings Inc.  
 PlayPower, Inc.  
 PlayPower Holdings, Inc.  
 PlayPower Finance, Inc.  
 Miracle Recreation Equipment Company, Inc.  
 E-Z Dock, Inc.  
 Kid Play, Inc.  
 Soft Play, L.L.C.  
 PlayPower LT Farmington, Inc.  
 Play Design International SARL  
 Playworld Systems, Inc.  
 Playworld Preferred, Inc.  
 Playtime LLC  
 No Fault LLC



# Color Choices

## ROCK-ITE® PLASTIC COLOR CHOICES

Roofs, Slides, Big Timber® Components, Crawl Tubes, Bongos™, Bumpers and Panels.



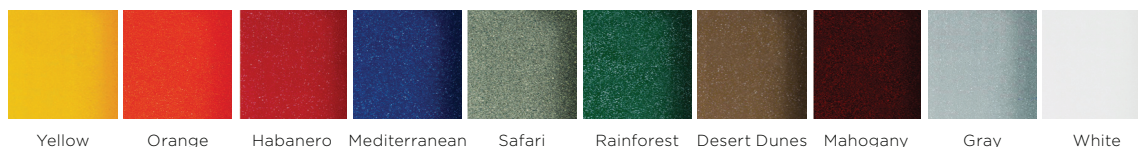
## MIRA-COTE® POWDER-COATED PAINTED METAL COLOR CHOICES

Posts, Arches, Swings and Accents (Railings & Climbers).



## ANTI-MICROBIAL PAINTED METAL COLORS

This proprietary treatment helps prevent bacterial mold, algae growth and stains.



## MIRA-LENE™ PANEL COLOR CHOICES

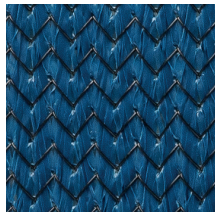


878 E Highway 60 / Monett, Missouri, USA 65708 / [Miracle-Recreation.com](http://Miracle-Recreation.com)  
 USA 888-458-2752 CANADA 866-516-0245 INTERNATIONAL +1 417-235-6917

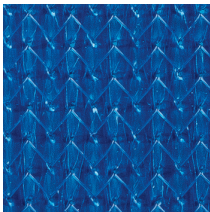
# Color Choices

## SHADESURE™ FABRICS

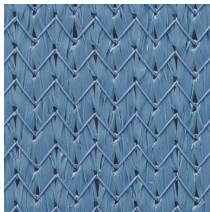
PASSES: NFPA 701 / ASTM-E84



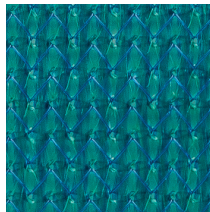
**Navy Blue**  
90% shade factor  
94% UV factor



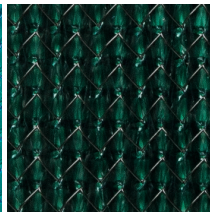
**Royal Blue**  
86% shade factor  
94% UV factor



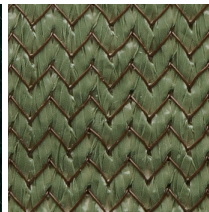
**Laguna Blue**  
91% shade factor  
96% UV factor



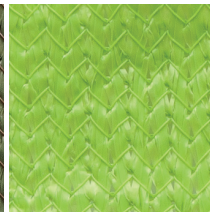
**Turquoise**  
83% shade factor  
92% UV factor



**Rain Forest**  
89% shade factor  
96% UV factor



**Olive**  
89% shade factor  
95% UV factor



**Zesty Lime**  
84% shade factor  
92% UV factor



**Chocolate**  
92% shade factor  
93% UV factor



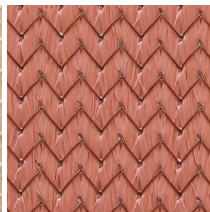
**Cinnamon**  
92% shade factor  
93% UV factor



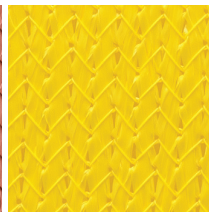
**Arizona**  
84% shade factor  
92% UV factor



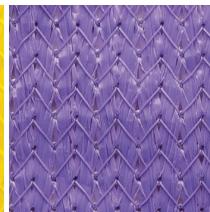
**Desert Sand**  
80% shade factor  
92% UV factor



**Terracotta**  
84% shade factor  
90% UV factor



**Sunflower Yellow**  
70% shade factor  
94% UV factor



**Electric Purple**  
83% shade factor  
91% UV factor



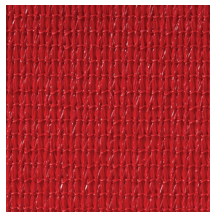
**White**  
57% shade factor  
86% UV factor



**Silver**  
88% shade factor  
93% UV factor



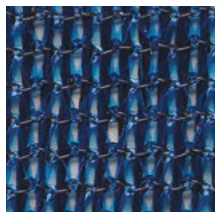
**Black**  
95% shade factor  
96% UV factor



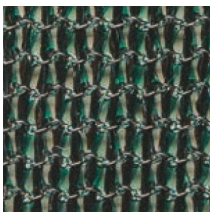
**Red**  
80% shade factor  
86% UV factor

## COLOURSHADE™ FR FABRICS

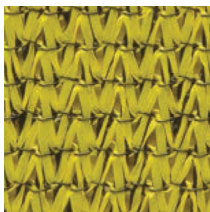
PASSES: NFPA 701 / ASTM-E84 / OSFM TITLE 19



**Blue**  
80% shade factor  
85% UV factor



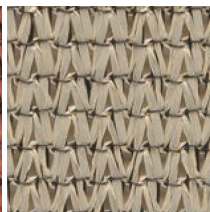
**Green**  
80% shade factor  
85% UV factor



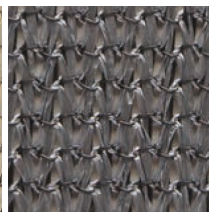
**Yellow**  
80% shade factor  
89% UV factor



**Terracotta**  
75% shade factor  
82% UV factor



**Desert Sand**  
80% shade factor  
92% UV factor



**Silver**  
80% shade factor  
81% UV factor



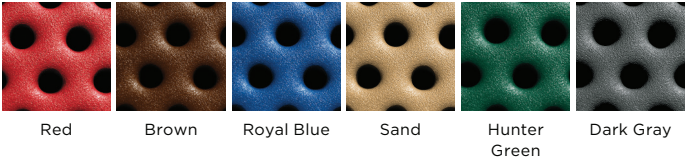
878 E Highway 60 / Monett, Missouri, USA 65708 / [Miracle-Recreation.com](http://Miracle-Recreation.com)  
USA 888-458-2752 CANADA 866-516-0245 INTERNATIONAL +1 417-235-6917



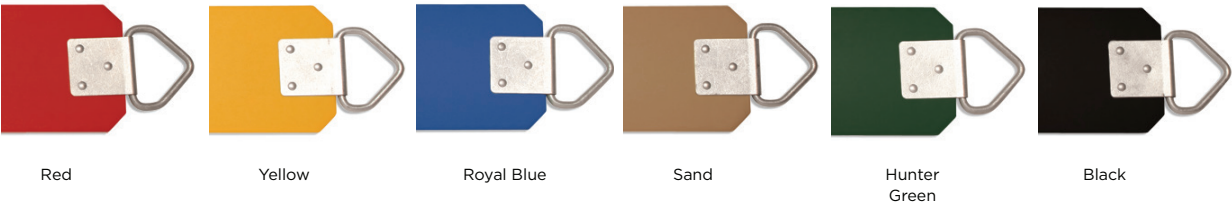
# Color Choices

## TEXTURED MIRA-THERM™ COLOR CHOICES

Mira-Therm™ coatings for Decks, Steps, Ramps, Bridges and Cargo Climbers are available in either orthophthalate-free Mira-Therm™ 2 (vinyl) or Mira-Therm™ PE (polyethylene)-based coatings with anti-microbial enhancements.



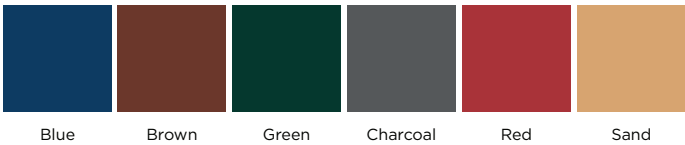
## MIRACLE SWING SEAT COLORS



## FURNISHING COLOR OPTIONS

Amenities receive a durable color coating that will not rust, crack, peel, or warp. Choose a powder coat color for framework and plastisol coating for table tops, seats, and backs.

### Powder Coat and Plastisol

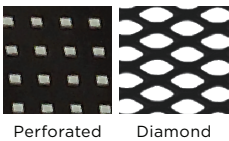


### Powder Coat Only



## SITE FURNISHING PATTERNS

Slat and Rib patterns (not shown) available in select site furnishing products.



## RECYCLED PLASTIC COLORS



# Color Palettes



EARTH TONE

- Beige
- Sand
- Forest Green
- Green



ISLAND OASIS

- Forest Green
- Royal Blue
- Cobalt
- Cyan



ENERGY

- Metallic Gray
- Dark Gray
- Silver
- Chartreuse
- Teal



NAUTICAL

- Blue
- Sand
- Beige
- Orange



MOTHER EARTH

- Blue
- Sand
- Beige
- Green



PATRIOTIC

- Red
- White
- Blue



OCEAN

- Blue
- Sand
- White
- Teal



SPRING

- Green
- Sand
- Yellow



PRIMARY

- Blue
- Red
- Yellow



SAHARA

- Beige
- Brown
- Forest Green
- Sand

Miracle® uses high quality materials and state of the art manufacturing processes. Commercial playgrounds and products are subjected to years of environmental and solar exposure. Such extreme exposure takes its toll on paints and pigments, and all colors will fade over time. So Miracle® does not warrant against color fading or discoloration. It is important to properly maintain your playground to ensure its longevity. Depending on environmental conditions at your location, the installation of fabric shade structures may help to delay fading and discoloration. Actual colors in catalog may vary due to four color printing process.



878 E Highway 60 / Monett, Missouri, USA 65708 / [Miracle-Recreation.com](http://Miracle-Recreation.com)  
USA 888-458-2752 CANADA 866-516-0245 INTERNATIONAL +1 417-235-6917





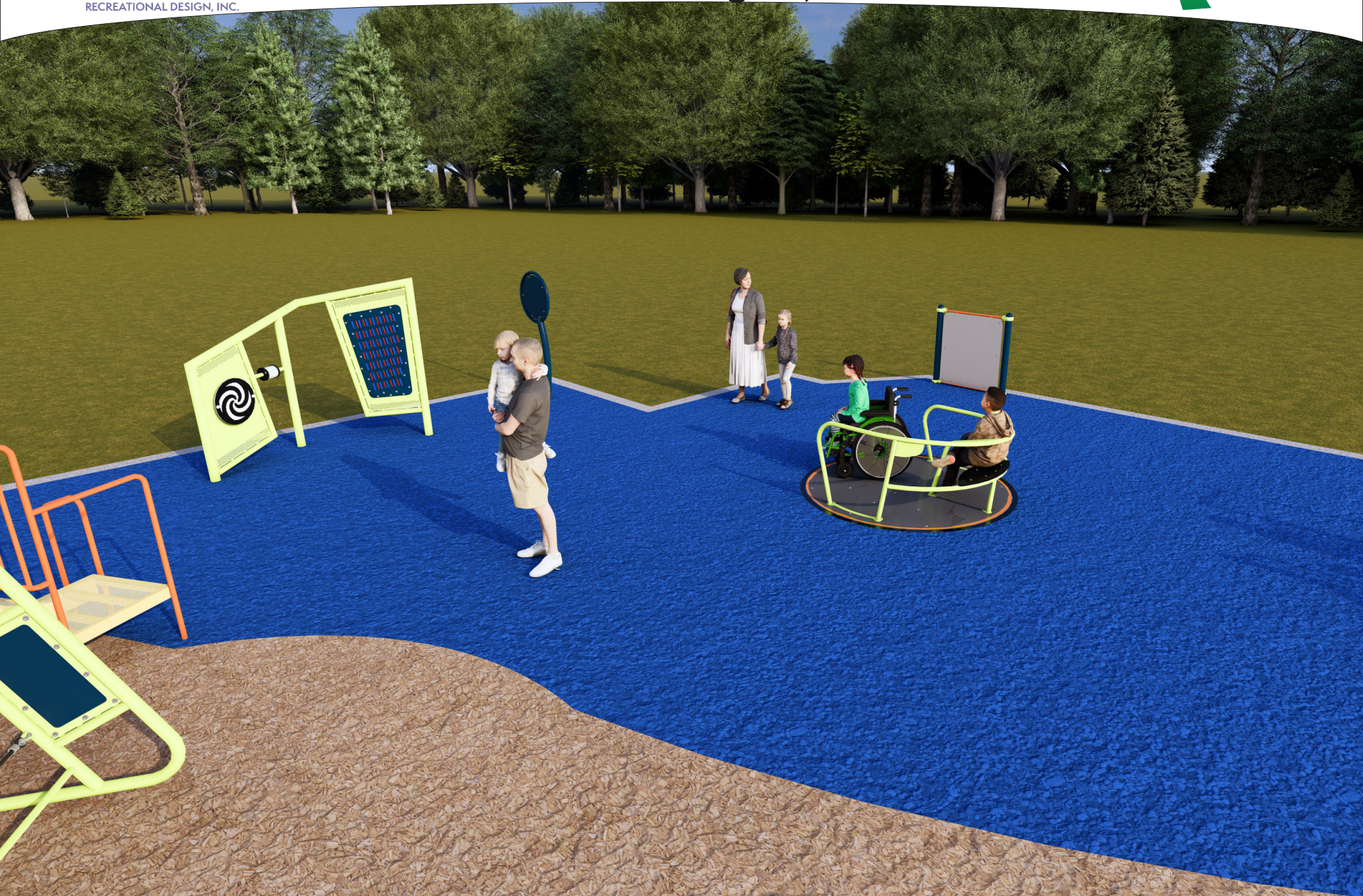




















Webber Recreational Design, Inc.  
1442 Brooke Court  
Hastings, MN 55033

Miracle Recreation Equip. Co.  
878 E US Hwy 60  
Monett, MO 65708  
1-888-458-2752

Thursday, August 21, 2025

City of Mendota Heights  
1101 Victoria Curve  
Mendota Heights, MN 55118

Ivy Park Option 2 | OE25002592

Dear City of Mendota Heights,

Thank you for the opportunity to present the enclosed proposal. Our goal is to offer exceptional service from design through installation. It has been exciting to work with you on the design of this project, and I look forward to helping you make this design a reality.

The cost breakout for this proposal is as follows:

Miracle Products:	\$	85,365.00
Installation:	\$	43,570.00
Freight:	\$	4,825.00
Products by Other:	\$	66,240.00
<b>Order Total:</b>		<b>\$ 200,000.00</b>

A variety of materials regarding our play equipment and services is enclosed for your review. If you have any questions or need further information, please do not hesitate to give me a call.

Sincerely,

Jay A. Webber- President  
WEBBER RECREATIONAL DESIGN, Inc.

\* Applicable sales taxes will be confirmed once order and any tax certificates are received.

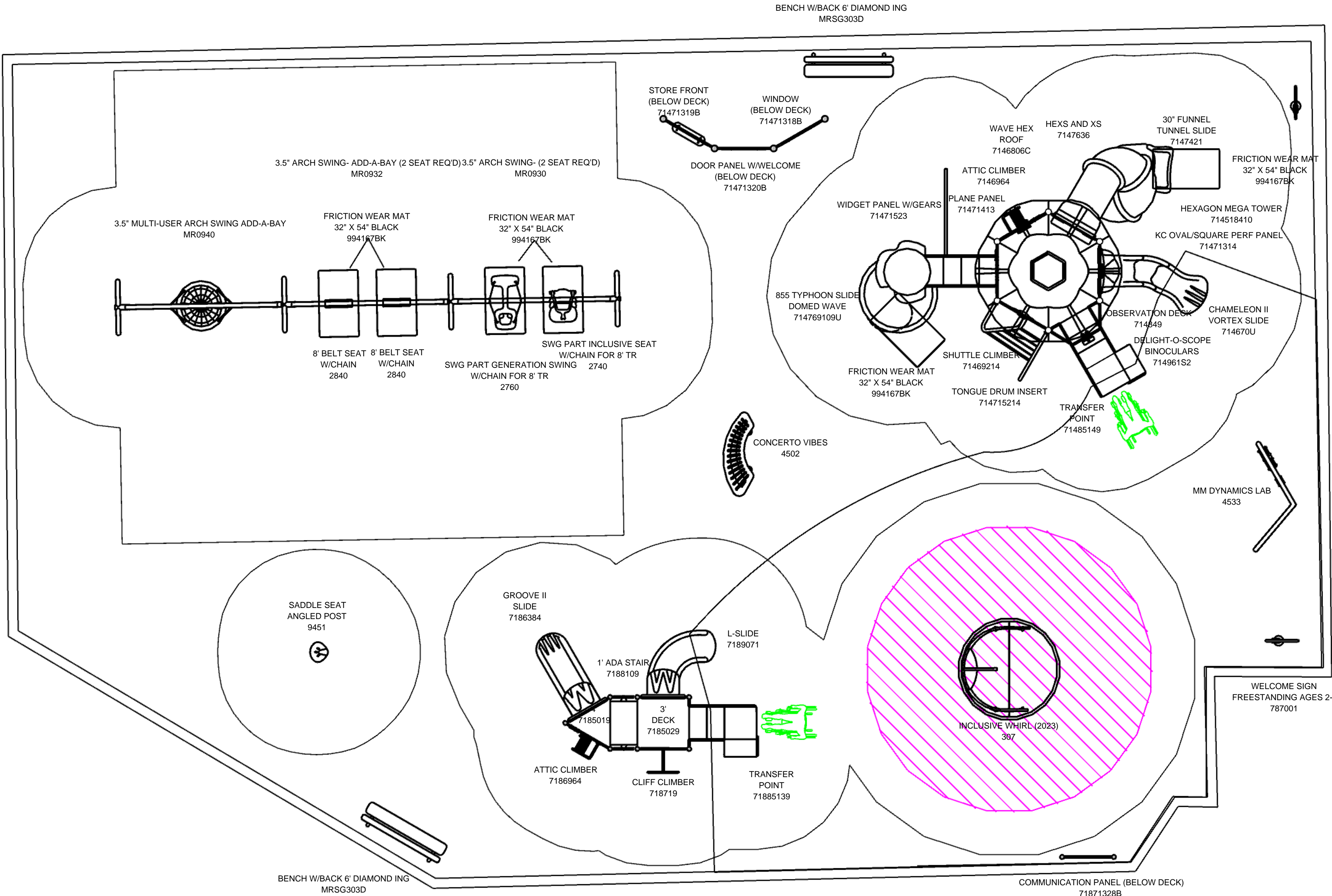


FOR KIDS AGES	AGE GROUP: 2-5_ASTM
2-5 YEARS	ELEVATED PLAY ACTIVITIES - TOTAL: 4
	ELEVATED PLAY ACTIVITIES ACCESSIBLE BY TRANSFER: 4 REQ'D 2
	ELEVATED PLAY ACTIVITIES ACCESSIBLE BY RAMP: 0 REQ'D 0
	GROUND LEVEL ACTIVITY TYPE: 1 REQ'D 1
	GROUND LEVEL QUANTITY: 1 REQ'D 1

FOR KIDS AGES	AGE GROUP: 5-12_ASTM
5-12 YEARS	ELEVATED PLAY ACTIVITIES - TOTAL: 12
	ELEVATED PLAY ACTIVITIES ACCESSIBLE BY TRANSFER: 6 REQ'D 6
	ELEVATED PLAY ACTIVITIES ACCESSIBLE BY RAMP: 0 REQ'D 0
	GROUND LEVEL ACTIVITY TYPE: 6 REQ'D 3
	GROUND LEVEL QUANTITY: 15 REQ'D 4

Enter Project Description Here

Enter City And State Here



WEBBER RECREATIONAL DESIGN, INC.	PHONE NO: Enter Phone No.
1442 BROOKE COURT	FAX NO: Enter Fax number
HASTINGS, MN	
GROUND SPACE: 80'-6" x 55'	
PROTECTIVE AREA: 86'-6" x 55'	
DRAWN BY: Jay Webber	DATE: 08/21/2025

25003525	
✓	COMPLIES TO ASTM/CPSC
✓	COMPLIES TO ADA

To promote safe and proper equipment use by children. Miracle recommends the installation of either a Miracle safety sign or other appropriate safety signage near each playsystem's main entry point(s) to inform parents and supervisors of the age appropriateness of the playsystem and general rules for safe play.

THE PLAY COMPONENTS IDENTIFIED IN THIS PLAN ARE IPEMA CERTIFIED. THE USE AND LAYOUT OF THESE COMPONENTS CONFORM TO THE REQUIREMENTS OF ASTM F1487.

AN ENERGY ABSORBING PROTECTIVE SURFACE IS REQUIRED UNDER & AROUND ALL PLAY SYSTEMS



Miracle Recreation Equip. Co.  
878 E. US Hwy 60  
Monett, MO 65708  
1-888-458-2752

QUOTE: OE25002592  
CUSTOMER: TEMP25000186  
PROJECT: 25003525

**Prepared For:**

Meredith Lawrence  
  
City of Mendota Heights  
1101 Victoria Curve  
Mendota Heights, MN 55118  
(651) 255-1354 Ext. (phone)

**Project Name & Location:**

Mendota Heights-  
Ivy Hill Park (Option 2)

**Prepared by:**

WEBBER RECREATIONAL DESIGN,  
INC.  
Jay Webber  
1442 BROOKE COURT  
HASTINGS, MN 55033

**Ship To Address:**

Ivy Hills Park  
645 Butler Avenue West  
Mendota Heights, MN 55118

**End User:**

City of Mendota Heights  
1101 Victoria Curve  
Mendota Heights, MN 55118

Quote Number: OE25002592  
Quote Date: 8/21/2025  
Valid For: 30 Days From Quote Date

---

## 2-5

Product line: TotsChoice  
Age group: 2-5\_ASTM

### Components

Part Number	Description
7185019	TRIANGLE DECK (ATTACHES TO 3 POSTS)
7185029	SQUARE DECK (ATTACHES TO 4 POSTS)
7185493	3 1/2" OD X 106" POST (3' DK)
7185494	3 1/2" OD X 118" POST (4' DK)
718555	3 1/2" OD X 70" POST FOR PLAY PANELS
7186384	GROOVE II SLIDE (4' DECK)
7186964	ATTIC CLIMBER
71871328B	COMMUNICATION PANEL (BELOW DECK)
718719	CLIFF CLIMBER (3' & 5' DECK)
7188109	ADA STAIRS BETWEEN DECKS W/1' RISE
71885139	SQ TRSFR POINT, CL HR (3' DK)
7189071	"L" SLIDE RH, W/CANOPY (3' DK)
718999Z	CUSTOMER SERVICE KIT (NO PRICE)
787001	WELCOME SIGN AGES 2-5, FREESTANDING

## Freestanding

Product line: Freestanding  
Age group: 5-12\_ASTM

### Components

Part Number	Description
2740	SWG PART THERAPEUTIC SWG SEAT W/CHAIN

8/21/2025  
QUOTE: OE25002592



	(8' TR)
2760	SWG PART GENERATION SWG SEAT W/CHAIN
2840	SWG PART SLASH PROOF SEAT W/CHAIN (8' TR)
307	INCLUSIVE WHIRL (2023)
4502	CONCERTO VIBES
4533	MM DYNAMICS LAB
714555	5" OD X 76" POST FOR FENCING & PANELS
71471318B	WINDOW PANEL (BELOW DECK ONLY)
71471319B	STORE FRONT PANEL (BELOW DECK ONLY)
71471320B	DOOR PANEL (BELOW DECK ONLY)
925920Z	TOUCH UP PAINT KIT - FREESTANDING (NO PRICE)
9451	SADDLE SEAT, ANGLED POST
994167BK	FRICTION WEAR MAT - 32" x 54", BLACK
MR0930	3.5" ARCH SWING- (2 SEAT REQ'D)
MR0932	3.5" ARCH SWG- ADD-A-BAY (2 ST REQ'D)
MR0940	3.5" MULTI-USER ARCH SWING ADD-A-BAY
MRSG303D	BENCH W/BACK 6' DIAMOND ING

## 5-12

Product line: KidsChoice

Age group: 5-12\_ASTM

### Components

Part Number	Description
714518410	XG HEXAGON MEGA TWR 2-LEVEL (4' & 10' DK)
7146705	CHAMII RIGHT SECTION
714670U	CHAMII ENTRY&EXIT VORTEX (2'6"- 4'6" DK)
7146806C	WAVE HEX ROOF W/TOPPER
71469214	SHUTTLE CLIMBER
7146964	ATTIC CLIMBER
71471314	OVAL/SQUARE PERF PANEL - KC
71471413	PLANE PANEL
71471520	INTERACTIVE PANEL FRAME
714715214	TONGUE DRUM INSERT
71471523	WIDGET PANEL W/GEARS
7147421	30" ID FUN TUN SLIDE RH (10' DK)
7147636	HEXS AND XS PANEL
714769109U	12' TYP SLIDE 855D DOME WAVE (10' DK)
714849	OBSERVATION DECK
71485149	SQ TRSFR POINT, CL HR (4' DK)
714961S2	DELIGHT-O-SCOPE BINOCULARS (STEEL MOUNT)
787003	WELCOME SIGN AGES 5-12, FS

### RiskSign\_Included

Product line: Freestanding

Age group:

### Components

Part Number	Description
787Z	RISK MANAGEMENT SIGN - ENGLISH (NO PRICE)

### Additional Items

Part Number	Description
105295	BAG ZIPLOCK 12" X 14" X 4MIL(OFFICE USE)

8/21/2025

QUOTE: OE25002592

Page 2 of 4

925961 THUMB DRIVE 2GB - MREC  
 926458 LABEL,GENERATION SWG, 2YR-12YR, MR  
 INSTALL INSTALL BOOK FOR PP ORDERS  
 BOOK

## Parts By Other

Part Number	Description	Qty	Weight	Unit Price	Total
EWF-Spread	EWF (200 Cu.Yds.) Delivered and Spread Certified EWF Delivered and Spread Top Dress	1	0.00	9,000.00	9,000.00
No Fault PIP	NF 50/50 color and black PIP & Sub-Base NF 50/50 color and black PIP with subbase (1,126 sq ft)	1	0.00	33,780.00	33,780.00
Recycled Timbers	Recycled Timbers and Installation Recycled Timbers and Installation	1	0.00	5,610.00	5,610.00
Removal	Removal and Disposal Equipment Existing equipment, surfacing, and border removal	1	0.00	15,600.00	15,600.00
Site Prep	Site Prep and Excavation Site Prep and Excavation including Spoils Removal	1	0.00	2,250.00	2,250.00

## Totals:

Equipment Weight: 11,357.00 lbs  
 Equipment List: \$136,156.20  
 Discount Amount: -\$52,001.20  
 Equipment Price: \$84,155.00  
 Freight: \$4,825.00 Code: 11027  
 Installation: \$43,570.00  
 Products by Other: \$66,240.00  
**Grand Total: \$200,000.00**

**Notes:** Please make PO's out to: Webber Recreational Design, Inc.

This quote is based on an order before December 15<sup>th</sup> and delivering in the spring of 2026.

This Quote shall not become a binding contract until signed and delivered by both Customer and Miracle Recreation Equipment Company ("Miracle"). Sales Representative is not authorized to sign this Quote on behalf of Miracle or Customer, and signed Quotes cannot be accepted from Sales Representative. To submit this offer, please sign below and forward a complete signed copy of this Quote directly to "Miracle Sales Administration" via fax (417) 235-3551 or email: orders@miraclerec.com. Upon acceptance, Miracle will return a fully-signed copy of the Quote to Customer (with copy to Sales Representative) via fax or email.

THIS QUOTE IS LIMITED TO AND GOVERNED BY THE TERMS CONTAINED HEREIN. Miracle objects to any other terms proposed by Customer, in writing or otherwise, as material alterations, and all such proposed terms shall be void. Customer authorizes Miracle to ship the Equipment and agrees to pay Miracle the total amount specified. Shipping terms are FOB the place of shipment via common carrier designated by Miracle. Payment terms are Net-30 days from invoice date with approved credit and all charges are due and payable in full at PO Box 734154, Dallas, TX 75373-4154, unless notified otherwise by Miracle in writing. Customer agrees to pay all additional service charges for past due invoices. Customer must provide proper tax exemption certificates to Miracle, and shall promptly pay and discharge all otherwise applicable taxes, license fees, levies and other impositions on the Equipment at its own expense. Purchase orders and payments should be made to the order of Miracle Recreation Equipment Company.

**Quote Number:** OE25002592 **Quote Date:** 8/21/2025 **Equipment:** \$136,156.20 **Grand Total:** \$200,000.00

CUSTOMER HEREBY SUBMITS ITS OFFER TO PURCHASE THE EQUIPMENT ACCORDING TO THE TERMS STATED IN THIS QUOTE AND SUBJECT TO FINAL APPROVAL BY MIRACLE.

8/21/2025

QUOTE: OE25002592

Page 3 of 4



**Date**

Date:



This list is provided as a design aid only.  
Actual compliance to accessibility standards is dependent on design and final installation and is the sole responsibility of the Sales Representative.

### Accessibility Chart

Design Name:	Mendota Heights- Ivy Hill Updated 2
Project:	Mendota Heights- Ivy Hill Park

#### Age Group : 2-5\_ASTM

Elevated Play Activites Total	4		
Elevated Play Activites Accessible By Transfer	4	Req'd	2
Elevated Play Activites Accessible By Ramp	0	Req'd	0
Ground Level Activity Type	1	Req'd	1
Ground Level Quantity	1	Req'd	1

Description	Elevation	Access	Type Of Play	Qty
COMMUNICATION PANEL (BELOW DECK)	Ground_Level	Ground	IMAGINATION_PANEL	1
GROOVE II SLIDE-ONE PIECE (4' DECK)	Elevated	Transfer	SLIDE	1
ATTIC CLIMBER	Elevated	Transfer	CLIMBER	1
L SLIDE RH W/CANOPY (3' DECK)	Elevated	Transfer	SLIDE	1
CLIFF CLIMBER (3' & 5' DECK)	Elevated	Transfer	CLIMBER	1

#### Age Group : 5-12\_ASTM

Elevated Play Activites Total	12		
Elevated Play Activites Accessible By Transfer	6	Req'd	6
Elevated Play Activites Accessible By Ramp	0	Req'd	0
Ground Level Activity Type	6	Req'd	3
Ground Level Quantity	15	Req'd	4

Description	Elevation	Access	Type Of Play	Qty
SWG PART SLASH PROOF SEAT W/CHAIN (8' TR)	Ground_Level	Ground	SWING	1
SWG PART SLASH PROOF SEAT W/CHAIN (8' TR)	Ground_Level	Ground	SWING	1
GENERATION SWING	Ground_Level	Ground	SWING	1

Description	Elevation	Access	Type Of Play	Qty
SWG PART THERAPEUTIC SEAT W/CHAIN FOR 8' TR	Ground_Level	Ground	SWING	1
DOOR PANEL W/WELCOME (BELOW DECK)	Ground_Level	Ground	IMAGINATION_PANEL	1
INCLUSIVE WHIRL (2023)	Ground_Level	Ground	WHIRL	1
SADDLE SEAT ANGLED POST	Ground_Level	Ground	GLIDER_SPINNER_EQUIP	1
MM_DynamicsLab_Manipulative	Ground_Level	Ground	MANIPULATIVE_EQUIP	2
MM_DynamicsLab_Sound	Ground_Level	Ground	SOUND_EQUIP	2
CONCERTO VIBES	Ground_Level	Ground	SOUND_EQUIP	1
3.5" MULTI-USER ARCH SWING ADD-A-BAY	Ground_Level	Ground	SWING	1
STORE FRONT PANEL (BELOW DECK ONLY)	Ground_Level	Ground	IMAGINATION_PANEL	1
WINDOW PANEL (BELOW DECK ONLY)	Ground_Level	Ground	IMAGINATION_PANEL	1
HEXAGON MEGA TWR 2-LEVEL (4' & 10' DECKS)	Elevated	Transfer	CLIMBER	1
OVAL/SQUARE PERF PANEL - KC	Elevated	None	IMAGINATION_PANEL	1
HEXS AND XS PANEL	Elevated	Transfer	MANIPULATIVE_EQUIP	1
WIDGET PANEL W/GEARS	Elevated	Transfer	MANIPULATIVE_EQUIP	1
TONGUE DRUM INSERT	Elevated	None	SOUND_EQUIP	1
DELIGHT-O-SCOPE BINOCULARS (STEEL MOUNT)	Elevated	None	MANIPULATIVE_EQUIP	1
SHUTTLE CLIMBER	Elevated	Transfer	CLIMBER	1
ATTIC CLIMBER	Elevated	Transfer	CLIMBER	1
PLANE PANEL	Elevated	None	MANIPULATIVE_EQUIP	1
12' TYP SLIDE 855D DOME WAVE (10' DK)	Elevated	None	SLIDE	1
30" ID FUNNEL TUNNEL SLIDE RH (10' DECK)	Elevated	None	SLIDE	1
CHAM II VORTEX SLIDE 4'	Elevated	Transfer	SLIDE	1



## IVY HILLS PARK (Option 2) MENDOTA HEIGHTS, MN MIRACLE PLAY EQUIPMENT GENERAL SPECIFICATIONS

**SAFETY STANDARDS & GUIDELINES** All public playground equipment supplied shall meet all applicable provisions of the current "Handbook for Public Playground Safety" published by the Consumer Product Safety Commission (CPSC), and of ASTM F1487-17 "Standard Consumer Safety Performance Specification for Playground Equipment for Public Use," published by the American Society for Testing and Materials (ASTM). Products bearing the certification seal of the International Play Equipment Manufacturers Association (IPEMA) have received written validation of compliance with ASTM F1487-17.

**TRADEMARKS** Aquarius (R), Big Kahuna (R), Big Timber (R), Bongo (TM), Boulder Ridge (R), Bug Bites (R), Camel Back (TM), Center Stage (R), Chameleon (TM), Champions Trek (TM), Coil Curler (TM), Connexion (R), Dupli-Gator (R), Flex Jet (R), Flippo (TM), Flippopotamus (R), Fun Fone (TM), Fun Tunnel (R), Funnel Tunnel (TM), Funshades (TM), Gator Grip (R), Gemini (TM), Gravity (TM), Grizz-Lee Bear (R), Groove (TM), Groove II (R) Slide, Hang-A-Round (R), Interaxion (TM), JAX (R), Kidrox (R), Kids' Choice (R), Kids' Perch (TM), Libra (R), Linkz (TM), Loopz (TM), Mega Tower (R), Miracle (R), Miracle Recreation (R), Mira-Cote (R), Mira-Lam (TM), Mira-Lene (TM), Mira-Therm2 (TM), Mogul (TM), Mountain Trail (R), N-Dure Cycle (R), Nexus (R), Observation Deck (R), Offspring (TM), OrbX (R), Pegasus (R), Perma-Guard (TM), Perseus (TM), Physics (R), Play Cover (R), Play Terrain (R), PolyTuf (TM), Power Pedaler (TM), Pull Up!Lift (R), Reflex (R), Relay Racer (R), Rock-ite (R), Rodeo Rocky (TM), Serpent Trek (TM), Sneak-A-View (TM), Sun Sparkle (TM), Surfer (R), Tensile Tough (TM), Tensile Tower (TM), Thunder Tunnel (TM), Timber Topper (TM), Toboggan (TM), Toddlers' Choice (R), Tots' Choice (R), Tots' Choice (R) Expansion, Tots' Choice (TM) for Toddlers, Trim Timber (R), Triple Play (TM), Typhoon (TM), Versalok (R), View Groove (TM), Wavy Waffle Wall Walker (TM), Webscapes (R), Whirlwind (TM), Xcalator (R), and X-Cavator (TM) are trademarks of Miracle Recreation Equipment Company. Tornado (TM), Multi-Pondo (TM), and Pirouette (TM) are trademarks of HAGS (TM). Miracle and HAGS are divisions of PlayPower, Inc. PlayPower (R) is a trademark of PlayPower, Inc.

**QUALITY SYSTEM CERTIFICATION** The manufacturer's quality system is certified to ISO 9001 since December 1998.

**PRODUCT CHANGES** At Miracle Recreation Equipment Company, we strive for the utmost in quality and safety in our entire product line. Therefore, in order to honor this commitment to you, our customers, we reserve the right to make changes on any product released and/or published in our annual catalog and other promotional or technical literature.

### WARRANTY

Miracle Recreation Equipment Company warrants its products against structural failure due to defects in materials and workmanship for the warranty periods and material categories prescribed below.

Buyer agrees that products sold by Miracle Recreation Equipment Company carry only the following warranties:

1. **LIMITED WARRANTY FOR AS LONG AS YOU OWN THE PRODUCT:** Aluminum deck posts, steel deck posts, VersaLok<sup>®</sup> fastening system, cast aluminum parts, and stainless steel hardware.
2. **LIMITED FIFTEEN (15) YEAR WARRANTY:** All rigid steel playground components, decks, steps, and weldments, rotationally molded and sheet plastic components, plastic lumber, roof panels, and stainless steel slides, except as otherwise specified below.
3. **LIMITED TEN (10) YEAR WARRANTY:** Fabric shade steel frames, Shadesure<sup>™</sup> and Colourshade FR fabrics (Note Exception: Limited Five (5) Year Warranty on Shadesure<sup>™</sup> fabrics in colors Red, Yellow, Electric Purple, Zesty Lime, Cinnamon, and Olive.)
4. **LIMITED EIGHT (8) YEAR WARRANTY:**
  - Fiberglass signage, accessible swing seats, precast PolyFiberCrete or precast concrete products.
  - Play Terrain Synthetic Turf safety surfacing against deterioration of specified attenuation performance and appearance.
  - Integrated shade fabric and components against rot, UV deterioration and defects in materials and workmanship (Note Exception: Limited Three (3) Year Warranty for fabric in shades of red).
5. **LIMITED FIVE (5) YEAR WARRANTY:**
  - Heavy duty diamond barrier mesh and Kidrox<sup>™</sup> Climbing Rocks.
  - Mira-Therm<sup>™</sup> PVC coating and PE coating against cracking or peeling.
  - Park and Site Amenities (i.e. benches, tables, trash receptacles, etc.).
  - GFRP (Glass Fiber Reinforced Polymer) Products.
  - Steel core cable nets and rope fittings and connections (Note Exception: Warranty does not cover normal wear and tear such as fraying or fading of cable coating).
6. **LIMITED THREE (3) YEAR WARRANTY:** Flexible belting, plastic border timbers and accessories, and electronic panel speakers, sound chips, and circuit boards.
7. **LIMITED ONE (1) YEAR WARRANTY:**

- Slashproof Swing Seats, 360° Bucket Tot Swing Seats, and Tuff Net no climbing mesh.
- Pool slide support structures, stairways, landings and railings.
- All other products, components and custom pieces that are not specifically listed above, including, without limitation, all moving parts, such as swing hangers and bearings, swivels, chains, whirls, springs and flexible components, and all high wear items, such as trolleys, cables, wheels, and bumper stops related to rail and cable ride products.

**BUYER'S REMEDY:** If any products prove defective or non-conforming under normal use and within the above-prescribed warranty periods and material categories, Buyer must promptly notify Miracle in writing at 878 E. Hwy 60, Monett, MO 65708 USA. Miracle may elect to inspect the alleged defect at Buyer's site or at Miracle's facility. Buyer shall not return products to Miracle unless authorized by Miracle to do so. Authorized returns must be properly packaged and shipped prepaid and insured, at Buyer's expense. Upon verification of warranty coverage, Miracle may elect, in its sole discretion, to repair defective or non-conforming products, or replace them by delivering products or part(s) of similar functionality free of charge to the site. Miracle's limited warranties do not cover the cost of labor to remove defective or non -conforming part(s) or to install repaired or replacement part(s). By use of these limited warranties, Buyer accepts their terms and limitations, and waives any rights it would otherwise have to claim or assert that such warranties fail of their essential purpose. Buyer agrees that venue for any court action to enforce these limited warranties shall be in Barry or Greene Counties in the State of Missouri.

**LIMITATIONS:** All warranty periods begin on the date of Miracle's invoice. Repaired and/or replacement part(s) are warranted only for the balance of the original limited warranty period. Warranties extend only to the original Buyer/end user for products purchased from Miracle or a Miracle authorized reseller, and are not transferrable.

Warranties apply only to Miracle products that are erected and installed in conformance with Miracle's installation instructions, and that are maintained and inspected in conformance with Miracle maintenance and operational instructions.

Warranties specifically do not cover Miracle products:

- for cosmetic damage or flaws occurring under normal use, such as surface scratches, minor chips, hairline cracks, dents, marring, efflorescence, color fade (except for shade fabric as noted above), discoloration, corrosion/rust, fraying, or warping of recycled plastic lumber;
- that have been modified, altered, or repaired by unauthorized third parties;
- that have not been used as designed or intended, or misused;
- to which non-Miracle parts have been added or substituted;
- that have been removed from their original location and re-installed elsewhere;
- or that have been damaged due to excessive wear and tear, vandalism, abnormal use, abuse, negligence, environmental factors (such as wind-blown sand, salt spray, or airborne emissions from industrial sources), extreme weather (such as hail, flooding, lightning, tornados, sandstorms, earthquakes, or wind storms), and acts of God.

Miracle does not warrant that any particular color will be available for any specific period of time, and reserves the right, its sole discretion, to discontinue any color for any reason.

THE FOREGOING LIMITED WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY FOR SELLER'S PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, IN LAW OR IN FACT. SELLER SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE OR PURPOSE, AND ANY IMPLIED WARRANTIES ARISING OUT OF COURSE OF DEALING OR PERFORMANCE OR TRADE USAGE. SELLER SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, SPECIAL, OR PUNITIVE DAMAGES, OR ANY LOSS OF REVENUE, PROFIT OR USE, ARISING OUT OF A BREACH OF THIS WARRANTY OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, OPERATION OR REPAIR OF ANY PRODUCT. IN NO EVENT WILL SELLER BE LIABLE FOR ANY AMOUNT GREATER THAN THE PURCHASE PRICE OF A DEFECTIVE PRODUCT.

*Consult Miracle's "Glossary of Technical Data for Materials, Processes and Finishes"  
for specifications of items listed in bold type.*

- **Inclusive Swing Seat** is constructed of **Rockite** seats molded to form a chair. Models that are 8' or 10' with chains each have two chains to suspend the swing from a swing frame header. The attached seat is a reinforced polyurethane rubber bumper. The sliding latch mechanism is constructed from 6061 machined aluminum. The chain assembly is fabricated from **4/0 straight link coil chain**. The chain is manufactured to ASTM A467-86A Class CS specifications. All rubber surfaces are EPDM. The **Rockite** seats have molded-in color. All exposed metal surfaces are bright zinc plated. The clevises are zinc plated. The chain has a **Mira-Therm** coating.
- **KIDS' CHOICE POSTS: STEEL POSTS:** The steel posts each shall be constructed of **5" tube, 11 ga.** with a **5" round end cap** pressed into its top end. Post and end cap shall have a **Mira-Cote** finish.
- **KIDS' CHOICE DECK HEXAGON MEGA TOWER 2-LEVEL** is comprised of two hexagonal decks - 2' & 8', or 4' & 10', or 6' & 12', or 6' & 12' on common posts with an enclosed center climber for ascending to upper level. 714-518-28: 2' & 8'; 714-518-410: 4' & 10'; 714-518-612: 6' & 12'; 714-518-C612: 6' & Enclosed 12'. Six-sided decks shall each consist of two (2) Half Hex Center Climb Deck Assembly and two (2)



Deck KC 1/2 Hex FPS. Top deck surface area shall be 37 square feet. Bottom deck surface area shall be 40 square feet. The deck length shall be 82.5" flat to flat. The deck frame shall be constructed with folded 11 ga. steel sheet forming 3" tall sides. Decking sheets shall be perforated with a staggered pattern of 3/8" diameter holes at 5/8" apart center-to-center. Each shall contain deck support members of 3/16" x 2" flat and decking supports of 3/16" x 2-7/8" with a 5/8" bottom flange lip. Each section shall be solid **welded**. Post assemblies shall be constructed of **5" tube, 11 ga.** The remaining posts shall be uncapped in readiness for roof attachment. A center climber shall comprise a ladder and enclosure assembly. The ladder shall be constructed of two **1" pipe** side rails with five **1" pipe** rungs solid **welded** between them. Top ends of the rails shall contain 3/8" bolts for field attachment to upper deck. Bottom end of ladder shall have a 7 ga. steel sheet mounting tabs for field assembly to lower deck. The overall width of the ladder assembly shall be 27-3/4". The angle of ascent shall be 0°. The enclosure assembly shall be constructed of a top rail of formed **1" pipe** with uprights of **3/4" x 1" oval tube**, solid **welded**, and a bottom mounting plate consisting of 7 ga. steel sheet. The assembly shall contain **Versalok Fasteners** and **Fastener Style A**. The decks shall be finished in **Mira-Therm**. The center climber, posts, and clamps shall be finished in **Mira-Cote**.

- **TOTS' CHOICE MIRA-THERM2 DECKS** shall include Model # 718-501-9, a three-sided equilateral triangle deck, requiring three posts, with a deck top surface area of 5.3 square feet; Model # 718-502-9, a four-sided square deck, requiring four posts, with a deck top surface area of 12.2 square feet; Model # 718-503-9, a four-sided trapezoid deck designed for use with another of its kind to form a large hexagon deck, and also for use (only) with Model # 714-770-6, requiring four posts, with a deck top surface area of 15.9 square feet; and Model # 718-504-9, a four-sided trapezoid deck designed (only) for attachment of standard Tots' Choice components, requiring five posts, with a deck top surface area of 15.9 square feet. Posts for deck assemblies must be ordered separately. Model # 718-511-9 shall be an isosceles triangle split deck (single section) designed to serve as a step platform for lower deck heights: 18" or lower for 2-5-year olds, and 30" or lower for 5-12-year olds. All other Model # 718-511-X9 split decks shall feature two triangular deck sections which shall be mounted between four posts at different heights so that a 6", 12", 18", or 24" (X) rise shall be formed along the hypotenuse between two posts. Models which rise greater than 6" shall contain a riser plate; models which rise greater than 12" shall also contain an arched enclosure assembly. *The deck top surface area of split deck models shall be 6.125 sq. ft. each for both sections, or total 12.25 sq. ft.* Riser plates shall be constructed of 11 ga. **A-60 Galvannealed** sheet; risers for 18" and 24" rises shall contain a rung and vertical supports of **1" tube**, solid **welded**, all finished in **Mira-Cote**. The loop enclosure assembly accompanying models which rise 18" and 24" shall comprise two top supports, an arched upright and infill constructed of **1" tube**, and finished in **Mira-Cote**. The decks shall be designed on a 3'-6" center-to-center spacing on all deck posts. Deck-to-post connections shall be made with a deck support clamp. The decks shall be designed for maximum flexibility in height of deck surface from 0" to 6'-0", in 6" increments, although 3'-0", 5'-0" and 6'-0" shall be considered standard deck heights. All decks shall be designed to attach to the 3-1/2" diameter posts or arches at equal or varied heights. All deck connections shall be made from beneath the deck with no exposed fasteners on the deck perimeter. All decks shall be constructed with folded 11 ga. steel sheet forming 3" tall sides. Decking sheets shall be perforated with a staggered pattern of 3/8" diameter holes at 5/8" apart center-to-center. The decking shall have 3/16" x 1-1/2" flat steel braces. The entire assembly shall be solid **welded** prior to polyvinyl coating. Deck assemblies shall contain **Versalok Fasteners** and **Fastener Style A** hardware. Deck surfaces shall have a **Mira-Therm2** or **Mira-Therm2 PE** finish. Clamps shall have a **Mira-Cote** finish.

- **TOTS' CHOICE STEEL POSTS:** The steel posts shall be constructed of **3-1/2" tube, 13 ga.** with **3-1/2" round end caps** mechanically fastened to the top end. Posts for roof attachment shall not receive end caps. After fabrication, all posts and end caps shall have a **Mira-Cote** finish.

- **ATTIC CLIMBER** shall be designed to be enjoyed by children of all abilities. Children can use their imagination and enhance creative play. The play events can be used in a variety of ways such as freestanding, above deck, below deck, clustered or grouped together with other play events. Panels: The panels shall be constructed of **Mira-Lene™**. The panels shall be supported between posts by tops and bottom rungs (as required) of 1" pipe, each with two tabs of 11 ga. A-60 Galvannealed sheet, solid **welded**. In addition to above panel materials, panel shall feature 1/2" HDPE and marble accents fastened to the panel. Climber: Attached to the panel is a climber comprised of 1" pipe and 7 ga. A-60 Galvannealed sheet, all solid **welded**. All model fasteners: Panel assemblies shall contain **Versalok Fasteners**. All hardware shall be **Fastener Style A**. Finishes (unless otherwise stated): The rungs, clamps, and other steel frames and accents shall have a **Mira-Cote™** finish.

- **CLIMBING POLE/BUMPER LADDER/SPIRAL CLIMBER/CLIFF CLIMBER/TRAP DOOR CLIMBER** shall each be used as an entry to or an exit from a deck. The *cliff climber* side rails and rungs shall be constructed of **1" pipe**, formed, drilled and all solid **welded** construction, with an extension tube constructed of **1-1/4" pipe, 10 ga.** The *trap door climber* pole shall be formed **1-1/4" pipe**. The "U" shaped rungs shall be formed **1" pipe**. The extension shall have a 3/8" aluminum insert. The climber shall be a **welded** assembly. The *climbing pole* shall be constructed of **1" pipe, 12 ga.** The *spiral climber* shall be constructed of **1" pipe**, formed, drilled and all solid **welded** construction with **plastic pipe plugs** inserted in open ends. For the Tots' Choice system, the *spiral climber* center pole shall be constructed of **1" pipe**, formed, drilled and all solid **welded** construction with **plastic pipe plugs** inserted in open ends and the spiral shall be constructed of **1" tube** and shall be attached to the center pole by means of six spacers, also constructed of **1" tube**. The assembly shall be solid **welded**. The *bumper ladder* shall be constructed of **Rockite** bumpers supported internally by a pole constructed of **1" pipe, 10 ga.** Each bumper shall measure 18" high x 19" wide. The Kids' Choice arch enclosure assembly shall consist of top supports, a bottom support, and an arched upright, which shall be constructed of **1" pipe**, formed, mashed, and punched, with vertical infill of **3/4" x 1" oval tube**. The Tots' Choice arch enclosure shall comprise two top supports and infill of **1" tube** and a climbing pole support and arch support of **1" pipe**, all solid **welded**. Kids' Choice arch enclosure for split decks shall consist of top rails, a receiver tube, an arched upright and outer upright, which shall be constructed of **1" pipe**, drilled, formed and mashed, and vertical spokes which shall be constructed of **3/4" x 1" oval tube**. The enclosure assembly shall be solid **welded**. Enclosure shall measure 55" in width and 62" in height. All enclosure assemblies shall have an extension tube of **1" pipe, 10 ga.** Enclosure assemblies shall be solid **welded**. For models with the nature arch enclosure, enclosure shall comprise two top supports and arched upright of **1" pipe** solid **welded**. Brackets of 11 ga. galvanized sheet steel are stitch **welded** to the **1" pipe** frame. Boards of 1" x 5.5" recycled plastic and wood composite are fastened to the frame with **Fastener Style A** hardware. The sleeve support shall be constructed of **1-1/4" pipe, 10 ga.**, solid **welded** to the arch. The cliff climber, trap door climber, climbing pole, spiral climber, bumper ladder pole, and enclosure assembly shall have a **Mira-Cote** finish. The **Rockite** bumpers shall have color molded in.

- **SHUTTLE CLIMBER** is a challenging climber with sturdy ropes that allow children to practice balance while increasing upper and lower body strength. The climber is designed to attach to a deck. Frame shall be constructed of 2-3/8" 12-gauge tubing, 1.9" 11-gauge tubing, and **1" pipe**. The

panel frame plate shall be constructed of 7-gauge sheet steel. The rope blocks shall be made from mild steel. All solid **welded**. Panels shall be made from 11-gauge sheet steel. Handholds shall be cast alloyed aluminum. Crossbars shall be constructed of **1" pipe**. Ropes shall be constructed of 16mm diameter, steel reinforced nylon braided rope with a galvanized foundation steelwork. The assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. The frame, panels, handholds, crossbars, and clamps shall be finished in **Mira-Cote**.

- **CYLINDER PANELS** shall contain nine cylinders in rows and columns of three which spin independently of one another. Each cylinder shall contain two molded-in graphic images on opposite sides which may be aligned with other cylinders to complete a larger image, a series, a word, or an academic exercise. Kids' Choice models shall include enclosures. The panel shall be constructed of **Rockite** with all corners rounded and shall have cylinder assembly's factory-installed using tamper-proof hardware. The panel assemblies for the Tots' Choice above-deck models shall contain three mounting tabs of 11 ga. **A-60 Galvannealed welded** to the assembly for field attachment to decks. Each cylinder shall be constructed of **Rockite** with molded-in graphics on two "sides." Cylinder axes shall be constructed of **1" pipe**. Enclosures for Kids' Choice models shall each consist of a vertical upright and horizontal stub of **1" pipe** solid **welded**, drilled and formed. All **Versalok Fasteners** for deck and component attachment shall be **aluminum alloy**. All hardware shall be **Fastener Style A**. The **Rockite** panel and cylinders shall have color molded in. The **Versalok Fasteners**, enclosures and panel tabs shall have a **Mira-Cote** finish.

- **FLOWER STAND, THRUWAY, WIDGET PANELS** The panels shall be constructed of **Mira-Lene**™. The panels shall be supported between posts by tops and bottom rungs (as required) of 1" pipe, each with two tabs of 11 ga. A-60 Galvannealed sheet, solid welded. Flower Stand Panel: In addition to above panel materials, panel shall feature **Mira-Lene**™ flower accents fastened to the panel. Seats shall be supported with tabs of 7 ga. A-60 Galvannealed sheet, bent. Thruway Panel: In addition to above panel materials, panel shall feature a combination of 1/4" and 1/2" HDPE interactive accents fastened to the panel. The panel shall attach to the panel bracket with a tab of 7 ga. A-60 Galvannealed sheet. Widget Play Panel: In addition to above panel materials, panel shall feature a combination of perforated 11 ga. A-60 Galvannealed sheet, 1/2" HDPE, and marble accents fastened to the panel. Posts: The posts shall be comprised of 5" tube or 3 1/2" tube, 11 ga. or 13 ga. wall thickness. All model fasteners: Panel assemblies shall contain **Versalok Fasteners**. All hardware shall be **Fastener Style A**. Finishes (unless otherwise stated): The rungs, clamps, and other steel frames and accents shall have a **Mira-Cote**™ finish.

- **IMAGINATION PANELS** and Activity Panels are deck-mounting representational activity panels that are designed to enhance imagination and creative play. Welcome panels are decorative and display the intended user age range. Vehicle-themed panels feature steering wheel assemblies. The Piston Panel and Gear Panel contain dynamic, user-driven parts sealed behind a transparent, tamper-resistant cover. The Sliding Tile Panel contains 15 routed, moveable tiles with one empty space challenging users to shift the tiles into proper sequence. The Calypso 3-Drum Panel allows musical expression, that may be struck with the hands to create different sounds. The panels shall be constructed of Mira-Lene with all corners rounded. Panels shall measure 36-1/2" x 40". In addition to the above materials and specifications, gear panel shall contain a clear polycarbonate cover mechanically fastened over two side-by-side sets of 1/4" thick gears, to be constructed of high-density polyethylene, which shall turn on nylon bushings, except for black nylon handles and drive gears which shall turn on bronze bushings. Its opposite side shall contain side-by-side routed finger mazes. Piston panel shall contain a cover, gears, and knob as described herein, and connecting rod and piston shapes of 1/4" thick high-density polyethylene as well. Its opposite side shall contain routed designs. In addition to material and specifications detailed in "panels" paragraph above, sliding tile panel shall contain 15 moveable, tongue-and-groove tiles with routed numerals constructed of 1/4" thick high-density polyethylene. In addition to material and specifications detailed in "panels" paragraph above, calypso 3 drum panel shall contain 3 rotational molded drums of low density polyethylene resin. Each drum is attached to the panel through a cover plate constructed of 11 ga. galvanized steel sheet with a Mira-Cote finish. In addition to material and specifications detailed in "panels" paragraph above, museum pin panel shall contain polystyrene high impact static cylinders in red and blue and 1/2" stainless steel rods. In addition to material and specifications detailed in "panels" paragraph above, museum washer panel shall contain 1/2" stainless steel acme threaded rod. In addition to material and specifications detailed in "panels" paragraph above, museum washer panel shall contain 1/2" stainless steel acme threaded rod. In addition to material and specifications detailed in "panels" paragraph above, museum zoetrope shall contain the weldment for the spinner event which shall be constructed of SHST HR 4.5mm (7 ga.) and 1215 steel. The rung brackets shall be constructed of 1" pipe with bolting tabs of 11 ga. A-60 Galvannealed sheet, all solid welded. The steering wheel on vehicle-themed panels shall be constructed of a high density polyethylene produced from high performance U.V. stabilized rotational molding grade resins with a comprehensive additive package. These resins are tested in accordance with ASTM testing procedures D-1505, D-1248, D-1693 (b), D-638, D-790 and D-746. Resin's properties shall exhibit a balance of toughness, rigidity, environmental stress crack resistance and excellent low temperature impact performance. Wall thickness shall be 1/8". The steering wheel hub cover shall be constructed of injection molded polypropylene which shall contain U.V. light stabilizers. Model 714-714-11 4 X 4 Panel shall contain two side-by-side steering wheels for cooperative play. Themed for Space Ship Panel, star brackets will be constructed of 11 ga. HRPO steel and powder coat painted. Each assembly shall contain Versalok Fasteners and Fastener Style A hardware. The panels and steering wheels shall have molded-in color. Each panel assembly shall have a two-color scheme. The rung brackets and clamps shall have a Mira-Cote finish. The following information is for below deck panels: The panels shall be constructed of Mira-Lene with all corners rounded. Panels shall measure 36-1/2" x 40" and shall contain routed designs in several themes. The panel shall be supported between posts by top and bottom rungs of 1" pipe, each with two tabs of 11 ga. A-60 Galvannealed sheet, solid welded. In addition to material and specifications detailed in "panels" paragraph above, calypso 3-drum panel shall contain 3 rotational molded drums of low density polyethylene resin. Each drum is attached to the panel through a cover plate constructed of 11 ga. galvanized steel sheet with a Mira-Cote finish. In



addition to the above materials and specifications, gear panel shall contain a clear polycarbonate cover mechanically fastened over two side-by-side sets of 1/4" thick gears, to be constructed of high-density polyethylene, which shall turn on nylon bushings, except for black nylon handles and drive gears which shall turn on bronze bushings. Its opposite side shall contain side-by-side routed finger mazes. Piston panel shall contain a cover, gears, and knob as described herein, and connecting rod and piston shapes of 1/4" thick high-density polyethylene as well. Its opposite side shall contain routed designs. In addition to material and specifications detailed in "panels" paragraph above, sliding tile panel shall contain 15 moveable, tongue-and-groove tiles with routed numerals constructed of 1/4" thick high-density polyethylene. In addition to material and specifications detailed in "panels" paragraph above, store panel shall contain brackets holding the counter panel on constructed of 7ga. galv bent sheet steel. In addition to material and specifications detailed in "panels" paragraph above, model museum pin panel shall contain polystyrene high impact static cylinders in red and blue and 1/2" stainless steel rods. In addition to material and specifications detailed in "panels" paragraph above, museum washer panel shall contain 1/2" stainless steel acme threaded rod. In addition to material and specifications detailed in "panels" paragraph above, museum zoetrope shall contain the weldment for the spinner event which shall be constructed of SHST HR 4.5mm (7 ga.) and 1215 steel. The rung brackets shall be constructed of 1" tube with bolting tabs of 11 ga. A-60 Galvannealed sheet, all solid welded. The steering wheel on vehicle-themed panels shall be constructed of a high density polyethylene produced from high performance, U.V. stabilized rotational molding grade resins with a comprehensive additive package. These resins are tested in accordance with ASTM testing procedures D-1505, D-1248, D-1693 (b), D-638, D-790 and D-746. Resin's properties shall exhibit a balance of toughness, rigidity, environmental stress crack resistance and excellent low temperature impact performance. Wall thickness shall be 1/8". The steering wheel hub cover shall be constructed of injection molded polypropylene which shall contain U.V. light stabilizers. Model 718-714-11B shall contain two side-by-side steering wheels for cooperative play. Themed for Space Ship Panel, star brackets shall be constructed of 11 ga. HRPO steel and powder coat painted. Each assembly shall contain Versalok Fasteners and Fastener Style A hardware. The steering wheel and two-color panels shall have molded-in color. The rungs, clamps, and steel panel shall have a Mira-Cote finish.

- **ACTIVITY PANEL INSERTS** available for Kids' Choice, Tots' Choice and Tots' Choice Expansion. Inserts shall be constructed from a combination of 1/2" thick high-density polyethylene, 3/4" thick high-density polyethylene, 3/16" thick polycarbonate, linear low-density polyethylene caps and stainless-steel ball bearings. The inserts shall have interactive, sensory and inclusive play for kids of all abilities including funhouse insert, very buried insert, a-maze-ing insert, four-the-win insert, magical music insert, hypnotize insert slide & solve insert, RG timer insert, solar explorer insert, cam chimes insert, 3 bell insert, bongo insert, tongue drum insert, make it rain insert, and tumble cog insert.

- **SENSORY PANELS-ABOVE DECK** available for Kids' Choice, Tots' Choice and Tots' Choice Expansion. These representational sensory panels, designed to enhance imagination and creative play, may be freestanding, clustered or above deck. The panel shall consist of a border plastic, plastic shape inserts and shape flanges all joined by double sided rivets. The rivets shall be aluminum. The border plastic shall be constructed of translucent colored polycarbonate. The insert plastic shall be constructed of translucent, colored and textured plastic. The shape flanges shall be constructed of 11ga. sheet steel flange. The frame shall be constructed of **Gator Grip**; 1" round tube and a 13ga. sheet steel flange. All solid **welded**. The perforated panel shall be constructed of 11 ga. galvanized sheet. Each assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. The frame and shape frames shall have a **Mira-Cote** finish.

- **OBSERVATION DECKS** shall each consist of a curved deck extension and a curved deck enclosure designed to enhance imaginative play. Model # 714-849-A is designed to be used with vertical climbing attachments. Model # 714-849-6 features an extended steering wheel attached to enclosure crossbars to be more easily grasped by wheelchair-bound users. The platform shall be constructed with 11 ga. steel sheet perforated with a staggered pattern of 3/8" diameter holes at 5/8" apart center-to-center. The frame shall be constructed by folding edges to form 3" tall walls and shall be supported by solid **welded** supports of 1/4" x 1-1/2" flat steel. The platform shall be approximately 40" long with a radius of 9-7/16". The enclosure shall consist of enclosure rails, uprights, and two center stubs which shall support the bottom rail. The enclosure rails shall be constructed of 3/4" x 1" **oval tube**. The uprights shall be constructed of 1-1/4" **tube**, mashed on both ends. The top and bottom rails shall be constructed of 1-1/4" **tube**. The arch for Model # 714-849-A shall be constructed of 1-1/4" **tube**. The entire assembly shall be solid **welded**. The mounting bracket shall be 11 ga. **A-60 Galvannealed** sheet steel **welded** to the wall enclosure. The steering wheel shall be constructed of a high-density blow-molded polyethylene produced from high performance, U.V. stabilized resins with a comprehensive additive package. These resins shall be tested in accordance with ASTM testing procedures D-1505, D-1248, D-1693(b), D- 638, D-790 and D-746. Resin's properties shall exhibit a balance of toughness, rigidity, environmental stress crack resistance and excellent low temperature impact performance. Wall thickness shall be 1/8". The steering wheel hub cover shall be constructed of injection-molded polypropylene which shall contain U.V. light stabilizers. The assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware.

- **MIRA-THERM2 SQUARE TRANSFER POINTS** shall be designed to assist disabled users gain access to and egress from a deck system. The stair assembly shall be constructed of 11 ga. steel stringers solid **welded** to 11 ga. steel sheet decking that is perforated in a staggered pattern of 3/8" diameter holes at 5/8" apart center-to-center. Approximate dimensions of stair assembly shall be 26" overall width, 14" deep step tread and 8" high step rise. The 26" square (approximate) transfer point shall be constructed of 11 ga. steel sheet folded to form approximately 3" high sidewalls. The decking shall be perforated as described above. It shall be reinforced with cross braces of 3/16" x 2" HR flat solid **welded**. The bottom step shall be constructed of 11 ga. steel sheet (with folded edges) perforated as described above. The step shall be approximately 26" wide by 14" deep by 6-1/2" high. Kids' Choice deck enclosures shall be constructed of formed 1" **pipe**, including a **welded** upright of the same material. Tots' Choice deck enclosures shall be constructed of 1" **pipe** and a formed and **welded** upright of 1" **tube**. Each deck enclosure assembly shall be drilled for field assembly of a stair handrail and shall have its bottom end mashed and punched for field assembly to deck. Stair handrail assemblies shall be **welded** upper and lower handrails of formed 1" **pipe**. Closed handrails shall contain vertical uprights of 3/4" x 1" **oval tube welded** within. Swaged handrail extensions for field assembly to handrails shall be constructed of 1" **pipe**. A transfer deck handrail constructed of formed 1" **pipe** shall be field assembled to one handrail newel upright and transfer point deck edge. Models designed for assembly to 5' and 6' or 6'-6" decks shall contain handrail sleeve supports constructed of 1-1/4" **pipe**, 10 ga. The "U"-shaped transfer step handrail shall be formed 1" **pipe**, drilled for field assembly

to transfer point deck and bottom step. Its apex shall be 36-1/8" from finished grade. The rung leg shall be **1" pipe** with ends mashed and punched for field assembly to bottom step. The assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. The stairs, bottom step, and transfer point deck shall be finished in **Mira-Therm2** or **Mira-Therm2 PE**. The deck enclosures, handrails, extensions, sleeves, leg and clamps shall be finished in **Mira-Cote**.

- **WAVE ROOFS** act as an attractive roof to provide shade to your system. Roof and Post Topper shall be constructed of **Rockite**. Post Weldment shall comprise an angle plate, cape and plate of 3 mm galvanized sheet, a tube support of RDTB ILG 60.3 mm x 2.7 mm, a 12.5 mm diameter steel rod roof support and a swage constructed of RDTB ILG 127.0 mm x 3.0 mm. The assembly shall use **Fastener Style A** hardware.
- **CHAMELEON II SLIDE SYSTEM** shall feature interchangeable bedway sections to present maximum versatility in design configuration. The componentized, open bedway slide assembly may be attached to 2'-6" - 8' decks. The bedway sections, entry panel and exit section shall be constructed of double wall **Rockite** with a 18" bedway and 13-3/4" high sidewalls. The entry panel shall be supported by a rung of **1" pipe**. The "T" front leg shall be constructed of 1.5" X 16 ga. **square tube** and a bracket of 7 ga. galvanized sheet steel. Support legs shall be constructed of 1.66 OD x 13 ga. tube and a mounting bracket of 7 ga. sheet, solid **welded**. The assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. The rung, front leg, support legs and leg brackets shall have a **Mira-Cote** finish. The **Rockite** slide sections shall have color molded in.
- **CHAMELEON II VORTEX SLIDES** feature interchangeable bedway sections to present maximum versatility in design configuration. The componentized, open bedway slide assembly may be attached to 2'-6" - 8'-6" decks. The bedway sections, entry panel and exit section shall be constructed of double wall **Rockite** with a 18" bedway and 13-3/4" high sidewalls. The entry panel shall be supported by a rung of **1" pipe**. The front leg shall be constructed of 1.5" X 16 ga. **square tube** and a bracket of 7 ga. galvanized sheet steel. Support legs shall be constructed of 1.66 OD x 13 ga. tube and a mounting bracket of 7 ga. sheet, solid **welded**. Shall be constructed of 7 ga. galvanized sheet steel, solid **welded**. The assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. The rung, front leg, support legs and leg brackets shall have a **Mira-Cote** finish. The **Rockite** slide sections shall have color molded in.
- **GROOVE II SLIDES** shall feature a hooded canopy and a streamline slide design. Groove II is designed to exit from 4', 5', 6'-6" or 8' decks. The canopy panel and one-piece slide shall be constructed of double wall **Rockite**. The slide shall have 6" high side rails, an overall width of 25" an 18" wide sliding surface and approximate 7' (4' decks) bedway length, 9' (5' decks) bedway length, 12' (6'-6" decks) bedway length and 15' (8' decks) bedway length. The canopy panel shall be field mounted to deck and post clamps via a 41-1/2" long rung constructed of **1" pipe**. The leg shall be **2-3/8" tube, 12 ga., welded** to an 11 ga. **A-60 Galvannealed** mounting bracket. Each assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. The rung, legs and clamps shall have a **Mira-Cote** finish. The **Rockite** slide and canopy shall have molded-in color.
- **ROCKITE "L" SLIDE** shall be an open bedway slide which shall exit to the right from a 3' deck and shall include a canopy panel. The one-piece slide and the canopy panel shall be constructed of double wall **Rockite**. The slide shall have 6-1/4" high side rails, an overall width of 25-5/8", and an 18" wide sliding surface. The front leg shall be constructed of **1-1/2" tube, solid welded** to a 7 ga. **A-60 Galvannealed** mounting bracket. A top rail used for mounting the canopy between deck posts shall be **1" pipe**. Each assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. The top rail, front leg, and clamps shall be finished in **Mira-Cote**. The **Rockite** slide and canopy shall have color molded in.
- **ROCKITE TUBE SLIDES** shall be available in straight, left and right "L" and "S" bedway configurations. The entry panels shall be **Rockite** with a molded in 30-degree extension. The panel rungs shall be constructed of **1" pipe** measuring 44" long (*except Tots' Choice models which shall be constructed of 1" tube measuring 36-1/2" long*). The straight tube sections shall be **Rockite** measuring 35" or 46" long with an inside diameter of 24" (*except Kids' Choice, Center Stage, and City Parks Series models which shall have an inside diameter option of 24" or 30"*). Models attaching to 3' decks shall have bedway lengths of approximately 8'; for 4' decks, bedways approximately 10' long; for 5' decks, bedways approximately 12' long; and 6'-6" decks, bedways approximately 16' long.  
**24" DIAMETER MODELS**  
Each end shall have a 1" wide flange. The elbow shall be **Rockite**. The **Rockite** tube joints shall be externally flanged and overlapping. The male flange shall be 1" deep, the female flange shall be 1-1/2" deep, 24" diameter. The bedway shall have no exposed internal fasteners. The 29 degrees exit section shall be constructed of double wall **Rockite**. It shall have a 34" centerline radius and dimensions similar to the tube above. The leg bracket shall be constructed of sand cast **aluminum alloy**. Front leg shall consist of an upright and a bolting plate. The upright shall be constructed of **2-3/8" tube, 12 ga.** The bolting plate shall be constructed of 11 ga. **A-60 Galvannealed** sheet, and shall measure 7" x 7", drilled and **welded** to the upright. "L" legs shall be constructed of **1-1/4" pipe**. **Rockite** panel and slide shall have molded in color. Legs and leg bracket shall have a **Mira-Cote** finish.
- **30" DIAMETER MODELS**  
Each end shall have a 1" wide flange. All pieces shall be **Rockite** with a 30" I.D. The elbow shall have a 22" centerline radius. Tube to tube connections will have a **Rockite** flange cover. The bedway shall have no exposed internal fasteners. The exit section shall be constructed of double wall **Rockite** with a 25" centerline radius. The front leg shall consist of an upright and a bolting plate. The upright shall be constructed of **2-3/8" tube, 12 ga.** The bolting plate shall be constructed of 11 ga. **A-60 Galvannealed** sheet and shall measure 7" x 7", drilled and **welded** to the upright. Legs shall be constructed of **1-1/4" pipe**. **Rockite** panel and slide shall have molded in color. Legs and leg bracket shall have a **Mira-Cote** finish. Some models shall contain windows in their straight tube sections measuring approximately 13" x 40" to be constructed of clear polycarbonate.
- **TYPHOON SLIDE WITH DOMED WAVE HOOD, 9'-4" AND 12' PLATFORMS** shall be 630° and 855° open bedway spiral slides with step assemblies and domed wave hood, featuring platform heights of 9'-4" and 12', designed for attachment to 5', 6', 6'-6", 8' and 10' decks. The slide bedway shall be constructed of 1/4" to 5/16" wall **Rockite**. The slide bedway shall be 30" wide with a 15" high side wall. The center post shall be constructed of **4" pipe, 7ga.** The step assembly and stair extension shall be constructed of 11 ga. steel sheet folded and perforated with a staggered pattern of 3/8" diameter holes at 5/8" apart center-to-center, solid **welded** to stringers of 11 ga. black steel. The handrail assembly shall consist of a top and bottom rail and newel post, formed, constructed of **1" pipe** with infill of **3/4" x 1" oval tube**. The step enclosure assembly shall be solid **welded**. **Plastic pipe plugs** shall close open ends. The diagonal brace shall be constructed of **2-3/8" tube, 12 ga.** and shall measure 17'. The deck



enclosures shall consist of a vertical rail, and top and bottom rail, formed, constructed of **1" pipe** with an upright of **3/4" x 1" oval tube**, and 3/8" aluminum inserts in the rail ends for attachment to the step enclosures. The deck enclosure assembly shall be solid **welded**. The slide hood shall be **Rockite** with molded-in view grooves for viewing children. The back-up plates used to connect the step assembly and the barrel shall be constructed of 1/4" x 1" x 6" flat steel. The front leg shall be constructed of **2-3/8" tube, 12 ga.** and shall be attached to the slide using a channel constructed of 7 ga. sheet. The assembly shall contain **Versalok Fasteners** and **Fastener Style A** hardware. The **Rockite** slide and platform canopy shall have color molded in. The step shall be finished in **Mira-Therm**. The handrail assemblies, deck enclosures, front leg assembly, and clamps shall have a **Mira-Cote** finish. The back-up plates shall have an aluminum finish.

- **MIRA-THERM2 ATA STAIRS BETWEEN DECKS** shall be stair assemblies, with spoked or open handrails, designed to connect decks of different heights. The steps shall be constructed of 7 ga. steel stringers with treads constructed of 11 ga. steel sheet perforated with a staggered pattern of 3/8" diameter holes at 5/8" apart center-to-center, solid **welded**, with polyvinyl coating. The braces shall be constructed of 11 ga. black. The spoked handrails shall consist of a top and bottom rail and newel post, all of **1" pipe**, and uprights constructed of **3/4" x 1" oval tube**, all solid **welded**, with **plastic pipe plugs** inserted in open ends. Top rails shall have 3/8" aluminum inserts. The open handrails shall consist of a top and bottom rail and newel post of **1" pipe**, all solid **welded**, with **plastic pipe plugs** inserted in open ends. Top rails shall have 3/8" aluminum inserts. The top deck enclosure shall consist of enclosure rails and an upright, both to be constructed of **1" pipe**, drilled and solid **welded**, with one end of upright mashed for field attachment to deck. The bottom deck enclosure shall consist of horizontal rails and an upright of **1" pipe**, drilled and solid **welded**, and a spoke upright of **3/4" x 1" oval tube**. The upright shall be mashed on one end for field attachment to deck. Inserted in open ends will be **plastic pipe plugs**. The assembly shall include **Fastener Style A** hardware and **Versalok Fasteners**. The step assemblies shall be finished in **Mira-Therm2** or **Mira-Therm2 PE**. The deck enclosures, handrails, and clamps shall be finished in **Mira-Cote**.

- **DELIGHT-O-SCOPE TELESCOPE AND BINOCULARS (BARRIER MOUNTING)** shall stimulate creative play and provide visual experiences for users and shall be designed for mounting on various types of barrier. The telescope features reflective facets set within the tube to offer a kaleidoscopic view, while the binocular model contains parallel tubes that constrain the user's field of vision to simulate a "search" effect, though neither model contains magnifying elements. They rotate 360 degrees horizontally and vertically between -45 and 45 degrees. Model # 714-961-R1, # 714-961-R2, # 718-961-R1, and # 718-961-R2 shall require a deck mounting or freestanding Rockite Panel, 2-1/2" thick, with side enclosures (no top rail.) Model # 714-961-S1, # 714-961-S2, # 718-961-S1, and # 718-961-S2 shall require a steel wall enclosure. Model # 714-961-L1 and # 714-961-L2 shall require a Model # 714-992-2 Lookout Tower assembly. The factory-assembled telescope and binocular models shall comprise a **Rockite** form fastened to a support bracket of 11 ga. zinc-plated connected via bronze bushing to an angular mounting bracket assembly constructed of 7 ga. zinc-plated. The telescope form shall contain angular segments of mirror acrylic sheet mounted within, a clear acrylic cover at the viewpiece, and a transparent (tinted) cover of polycarbonate sheet connected at the large end. The binocular form shall contain acrylic tubes with a clear acrylic end at the eye piece and a color tinted end on the large mount end. A clear polycarbonate protective cover shall be fastened on the mount side with 1/4-20 fasteners. Each assembly shall contain **Fastener Style A** and **Fastener Style B** hardware. The **Rockite** form shall have color molded in. The bracket assembly shall be finished in **Mira-Cote**.

- **CONCERTO** is a line of outdoor musical equipment that allows children of all abilities to experience the joy and benefits of making music. Designed at a more accessible angle and height, these instruments can be played comfortably by all kids, including those with mobility devices. Note: Chimes and Vibes must be installed OUTSIDE of the playground area in regions that follow CSA certification; chimes and vibes that are installed INSIDE of the playground area in regions that follow CSA certification, mallets **must not** be installed. This is in order to meet playground compliance since there are several issues with the instruments using mallets that will not meet the guidelines. Weldments shall be galvanized 14 ga. sheet; Galvanized 3mm sheet; 3/8" black sheet zinc plated; 1/4" black plated; and Galvanized 2" pipe. Plastic Panels shall be 1/2" and 3/4" HDPE (high density polyethylene) sheets - Cabasas - Vibes. Hardware shall be 18-8 Stainless Steel, Tamper resistant - All Components. Coating shall be super durable, electrostatically applied powder coat - All Components. Steel Posts shall be 5.00" OD x 11 gauge galvanized steel tubing - Congas post; 3.50" OD x 13 gauge galvanized steel tubing or 3.500" OD x 11 gauge galvanized steel tubing - Tall Chimes frame - Vibes post - Cabasas post. Aluminum shall be 6063 Aluminum - Chimes. Congas shall be ABS plastic. Post Caps shall be aluminum.

- **MIRACLE MUSEUM** playevents are designed to be enjoyed by children of all abilities, including autism, developmental delays and those that use mobility devices. Children can use their imagination and enhance creative play. The Miracle Museum playevents may be freestanding, clustered or grouped with other Miracle Museum playevents. The Spinner Assembly Shall be constructed from 3/4" and 1/2" **Mira-Lene** routed panels, bronze bearing and polymer and stainless steel balls inside the spinner and covered by a transparent polycarbonate bubble. The Post Weldment shall be made from 3/5" x 11ga. galvanized steel tubing, 7 ga. galvanized steel sheet and 3/8" steel plate. The Odyssey Hall Frame Weldments shall be constructed of tube 3.500 OD x 11 ga. galvanized with tabs and blocks made from SHST GAL 3.0mm (11ga.) and 5/8" mild steel block hanger. The Cross Members Shall be constructed from tube 2.375 OD x 12 ga. galvanized with tabs and blocks made from SHST GAL 3.0mm (11 ga.) and 5/8" mild steel block hanger. The Spinners shall be made from rotational molded plastic and 9.5mm (.38") grey textured styrene butadiene rubber (SBR). The Ropes shall be steel reinforced nylon braided rope with a galvanized foundation steelwork. The Chains shall be 4/O straight link coil chain. The Odyssey Hall Frame shall have a **Mira-Cote** finish. The Dynamics Lab Frame Weldments shall be constructed of tube 3.500 OD x 11 ga. galvanized, tube 2.375 OD x 16 ga. galvanized and SHST GAL 3.0mm (11 ga.). Footings for bolt down version will be made from plate 9.5mm (3/8") A36 and **welded** to the main frame. The Mounting Weldments shall be constructed of RDTB ILG 42.2 x 3.0, SHST GAL 3.0mm (11ga.) and tube 1.315 OD x 11 ga. galvanized and used to mount the drum. The weldment for the spinner events shall be constructed of SHST HR 4.5mm (7 ga.) and 1215 steel. The Router Events shall be constructed from 3/4" sheet laminated HDPE or 1/2" sheet HDPE. The Dynamics Lab Frame shall have a **Mira-Cote** finish. The Grand Gallery Frame shall be constructed of 3 1/2" OD x 11 ga. galvanized tube, 2 3/8" OD x 12 ga. galvanized tube, 1 5/8" x 11 ga. galvanized tube and 3.0mm galvanized sheet. Footings for bolt down version shall be constructed of 3/8" A36 plate, welded. The activities shall be constructed from 1/2" laminated high-density polyethylene, 3/4" laminated high-density polyethylene, 1/4" translucent colored polycarbonate, cast alloyed aluminum bells, golf balls, mirrored finish stainless steel, polystyrene high impact static cylinders in red and blue and 1/2" stainless steel acme threaded rod. The Momentum Corridor Slide sides shall be constructed of 4.6mm galvanized sheet, 3 1/2" x 13 ga. galvanized tube and 25.4 x 14 ga. tube. Slide decks shall be constructed of 2.3mm galvanized sheet. Rollers shall be constructed of 2" aluminum tubing with nitrile bearings on

stainless steel shafts. Slide roof shall be constructed of 4.6mm galvanized sheet, 3.0mm galvanized sheet, 1 7/8" x 11 ga. tube and 1 5/16" x 14 ga. tube. Slide support shall be constructed of 1 5/8" x 11 ga. galvanized tube and 4.6mm galvanized sheet. Tranquility Corner Top Weldment shall be made from: corner cross member 1, tube rnd 3.500 11ga. glv; corner cross member 2, tube rnd 3.500 11ga. glv; corner cross member 3, tube rnd 2.375 12ga. glv; corner bolt panel 1, 2 and 3, sheet 11ga. galv (3.0mm). Triangle Roof (KODA) shall be constructed of **KODA XT 1/4"**. Corner Leg 1 and 2 shall be constructed of tube rnd 3.500 11ga. glv. All hardware shall be **Fastener Style A**. The frame assembly shall have a **Mira-Cote** finish. The gear spinner shall be constructed from 1/2" **Mira-Lene** routed gears separated by spacers constructed from 1/4" **Mira-Lene**. Gears and spacers are to be assembled onto a M10 threaded rod. Ground level panel weldments shall be constructed of tube 3.500" OD x 11 ga. galvanized tube, 2.375" OD x 10 ga. galvanized, tube 2.375" OD x 12 ga. galvanized tube and 3.0mm (11 ga.) galvanized sheet. Finishes (unless otherwise stated): The frame assembly and Versalok Fasteners shall have a **Mira-Cote**™ finish. Versalok fasteners: All **Versalok Fasteners** for component attachment shall be aluminum alloy.

- **SADDLE SEAT** shall be an amazing spinning component that supports the principles of inertia by keeping kids spinning merely by use of body weight. Entire assembly shall measure 66 5/8" in height, 18 5/8" in width and 16 13/16" in length. The Seat shall be constructed of rotomolded **Rockite** which shall be contoured for comfort and include water drain holes. Hand grips shall be molded into the sides. Post Assembly parts - spindle shaft shall be fully **welded** to a spacer constructed of 3/8" A36 hot rolled steel plate, which shall be fully **welded** to a post constructed of 3 1/2" x 13 ga. galvanized steel tubing. A base plate of 11 ga. galvanized sheet steel shall be **welded** to the bottom of the post to facilitate installation and retain the post in the concrete footing. Model 945-1 post assembly shall have a 10° bend. Hub Spindle assembly shall comprise a 2,500 lb. capacity industrial trailer hub with tapered roller bearings. Bearings shall be packed with grease prior to assembly and protected against contaminants through an elastomeric seal around spindle shaft. All fastening hardware shall be **Fastener Style A**. The **Rockite** seat shall have color molded in. The post assembly and exposed hub surfaces shall be finished in **Mira-Cote**.

- **RISK MANAGEMENT SIGN** is intended to inform the parents and children that adult supervision is recommended, along with smart play on the equipment in the play area. Sign shall be constructed of fiberglass embedded, gloss finish, 0.125" thick. Steel frame shall be 2-3/8" OD 12 gauge galvanized steel tubing, 13 gauge galvanized steel sheet for mounting sign, and 3/8" thick hot rolled steel base plate on each leg. Extension tube shall be 2.375 12GA GLV-IL X 24" tube round. Hardware shall be stainless steel that requires tooling to install or remove. Frame shall have a **Mira-Cote** finish.

- **WELCOME SIGN** The Welcome Sign displays the age range of intended users in English, French Canadian/English (CSA) and Spanish with single or doubled sided posts. Sign posts, each, shall be constructed of **3-1/2" tube, 13 ga., 1-5/8" tube** and plate of 12ga. **A-60 Galvannealed** sheet and solid **welded**. The sign panel shall be a fiberglass embedment sign with an approximate graphics area of 23" and approx. 0.09" thick. This sign will have a tensile strength of 12,000 psi, a compressive strength of 20,000 psi, a flexural strength of 18,000 psi, an impact strength of 6 ft.lbs/inch notch, a barcol hardness of 50 and a modulus of elasticity of 2,000,000 psi. The sign shall have an excellent resistance to mild acids, a fair resistance to alkalis and an excellent resistance to solvents. The assembly shall contain **Fastener Style A** hardware. Sign posts shall have a **Mira-Cote** finish.

- **INCLUSIVE WHIRL** is a classic style whirl designed for ADA accessibility, containing one ADA compliant parking space and a single seat for kids or caregivers. Inclusive Whirl decking is level with surrounding surfacing, allowing easy access via wheel chair. Rotating base weldment is comprised of 2-3/8" x 1/8" thick square steel and 3/16" rolled angle steel. The rotating platform is supported by four, 100mm (4") diameter caster wheels for smooth operation. Two (2) layer decking system designed to reduce surface temperature of the platform on installations in warmer climates. The lower layer is comprised of 14ga. solid sheet steel. The upper layer is comprised of 14 ga. perforated sheet steel. Hand rail weldment is constructed of 1.66 OD 13 ga. galvanized steel tube. Seat is comprised of anti-slip 3/4" thick HDPE sheet plastic. All hardware is 18-8 stainless steel tamper resistant. In-ground footer frame weldment is comprised of 3" x 3" 11 ga. square steel tubing. Decking upper layer shall be finished in **Mira-Therm**. Rotating base, decking lower layer, hand rail, and footer frame shall be finished in **Mira-Cote**.

- **ARCH BASKET SWINGS** shall consist of arch weldments and headers which assemble to form a swing frame. Basket swing included. For models with 3-1/2" diameter arch posts, Arch weldments shall consist of the arch and stub(s). Arches shall be constructed of 3-1/2" tube, 11-gauge. Stubs shall be constructed of 4" tube, 7-gauge. The stub(s) shall be solid **welded** to the arches. For models with 5" diameter arch posts, Arch weldments shall consist of the arch and stub(s). Arches shall be constructed of 5" tube, 11-gauge. Stubs shall be constructed of 4" tube, 7-gauge. The stub(s) shall be solid **welded** to the arches. For all models, the header shall be constructed of 3-1/2" tube, 8 gauge. Ropes shall be constructed of 16mm diameter, steel reinforced nylon braided rope with a galvanized foundation steelwork. Mounting hardware shall be stainless steel. All hardware shall be **Fastener Style A**. The arches and header shall be finished in **Mira-Cote**. Chain shall be **5/0 straight link coil chain**.

- **ARCH SWING FRAMES 3.5" (inground and bolt down)** shall consist of arch weldments and header weldments which assemble to form a swing frame. Swings must be ordered separately. Arch weldments shall consist of the arch and stub(s). Arches shall be constructed of 3-1/2" tube, 11-gauge. Stubs shall be constructed of 4" tube, 7-gauge. The stub(s) shall be solid **welded** to the arches. The header weldment shall consist of the header and bushing housings. The header shall be constructed of 3-1/2" tube, 8-gauge. The header shall have bushing housings **welded** to it with oil-impregnated bushings installed after painting. The clevises shall be cast of ductile iron grade 60-40-18. All fastening hardware shall be **Fastener Style A**. The arches and header shall be finished in **Mira-Cote**. The clevises shall be zinc plated.

- **GENERATION SWING SEAT** is a **Rockite** seat molded to form a double-sided swing, one side a tot swing design and the other for an adult.



- **SWING SEATS** shall reference one of the following in Miracle's "Glossary of Technical Data for Materials, Processes and Finishes": **Slashproof Seat, 360 Degree Slashproof Tot Seat, Inclusive Swing Seat or Generation Swing Seat.**

- **SIGNATURE SERIES 6' & 8' BENCH WITH & WITH OUT BACK EXPANDED METAL & PERFORATED - PORTABLE, INGROUND & SURFACE MOUNT** shall have heat fused poly-vinyl coating, finished on inner-metal structure, to an approximate 3/16" thickness. Framework assemblies are finished with powder coating; electrostatically applied and oven cured according to powder manufacturer's specifications. Fasteners are stainless steel to resist corrosion. **BENCH FRAME:** Main supports are constructed of 2 3/8" od x 12 gage structural steel tubing. Braces are 1" od x 15 gage structural steel tubing. Mounting brackets on legs are 1/4" x 2' steel flat bar or 10 gage sheet steel. Base plates are 1/4" plate steel. **SEATS:** Seat and back uses 3/4" #9 expanded steel mesh and 12 gage sheet steel for the perforated. Framing consists of die formed 10 gage mitered angles 3/4" x 1 3/4". Center brace and mounting brackets are 1/4" x 1 1/2 " steel flat bar. **GENERAL:** 6' bench, ground space requirements are; inground and surface mount without back is 10 3/8" x 72 3/8", with back is 19 5/8' x 72 3/8", portable without back is 18 1/8" x 72 3/8", with back is 23 3/16" x 72 3/8". Seats are 10 3/8" wide x 72 3/8" long, 19" to top of seat and 31 3/4" to top of bench. Corner radius is 3" to the outside. 8' Bench ground space requirements are; inground and surface mount without back is 10 3/8" x 96 3/8", with back is 19 5/8 x 96 3/8", portable without back is 18 1/8" x 96 3/8", with back is 23 3/16" x 96 3/8". Seats are 10 3/8" wide x 96 3/8" long, 19" to top of seat and 31 3/4" to top of bench. Corner radius is 3" to the outside.

## Technical Data for Processes and Finishes of the Highlighted Items

- **aluminum alloy** conforms to the following: ASTM 356, ANSI 322, Chrysler MS 2417 and General Motors GM 4323-M. Parts or components constructed of aluminum alloy are either *sand cast* or *die cast*. *Sand cast aluminum alloy* is 319 with tensile strength of 27,000 p.s.i. and yield strength of 18,000 p.s.i. *Die cast aluminum alloy* is 383.1 with tensile strength of 45,000 p.s.i. and yield strength of 22,000 p.s.i.

- **4/0 straight link coil chain** is trivalent zinc finish with a 670-pound working load limit. All chain shall be manufactured to ASTM A467-86A Class CS specifications.

- **5/0 straight link coil chain** is trivalent zinc finish with a 880-pound working load limit. All chain shall be manufactured to ASTM A467-86A Class CS Specifications.

- **Mira-Therm2 coated chain** is a **welded** chain with links sufficiently wide to allow them to pass one another freely, eliminating the tendency to kink. The links are low carbon zinc plated steel with a polyvinyl chloride coating.

- **Versalok Fasteners (R)** are cast **aluminum alloy**. Each fastener consists of two die cast **aluminum alloy** "half ring" pieces, which were designed to fasten onto the round posts by use of a male/female interlock. For 3-1/2" post, outside dimension of the completed fastener (joined "half-rings") is 5". For 5" post, outside dimension of the completed fastener is 6-1/2". *Rungs and components* connect to clamps on posts by means of die cast **aluminum alloy**, two-piece socket receptors which may be assembled to a previously-installed clamp ring and secured to the clamp and component by set screws (and tek screws in some cases). *Decks* connect to clamps on posts by means of die cast **aluminum alloy**, one-piece deck support castings. The clamp assembly and socket receptor have a **Mira-Cote** finish. Kids' Choice components with **2-3/8" tube, 12 ga.** mounting points attach to 5" posts using **aluminum alloy** sand cast header supports.

- **3-1/2" round end cap** is die cast **aluminum alloy**.

- **5" round end cap** is die cast **aluminum alloy**.

- **Fastener Style A** is a corrosion resistant, 18-8, stainless steel, vandal resistant fastener.

- **Fastener Style B** is an all aluminum blind rivet or aluminum drive rivet with stainless steel pin. Both are corrosion resistant and vandal resistant fasteners.

- **GATOR GRIP (TM)** is a three-dimensional textured pattern exclusive to Miracle, embossed in steel to a depth of .014" to .017".

- **Koda XT** is a polycarbonate resin designed for exterior architecture and featuring superior impact strength, formability and high-temperature resistance.

- **A-60 Galvannealed** indicates that a coating of .60 ounces of zinc per square foot alloyed with substrate steel has been applied on each surface side.

- **Mira-Cote (TM)** is a Super Durable formulation of a polyester powder coating finish that is applied to a thickness of 3-5 mil. This finish gives metal parts long term protection from chipping, fading and peeling. Miracle's finishing system washes the metal parts with detergent and etches the metal for optimum adhesion. The part is then rinsed clean with water. Next the part is coated with a non-chromic sealer and dried. The Mira-Cote powder is then applied electrostatically to the metal part. The metal parts are then baked at a high temperature to fuse a hard, smooth durable finish to the metal. Mira-Cote has an impact value of 160 in. lbs., flexibility value of 180 degree-1/4" mandrel, shore hardness value H and a crosshatch adhesion of 100%. Mira-Cote is tested in accordance with ASTM D-792, D-523, D-2794, D-1737, D-3363, D-3359 (b), B117 and D-2247.

- **Mira-Lene (TM)** is compression-molded, 3/4" thick, high density polyethylene that has been specifically formulated for optimum U.V. stability and color retention. Compression-molded products have a density of .952 g/cm3 per ASTM D1505 and tensile strength of 3900 PSI per ASTM D638.

- **Mira-Therm2 PE** is a non-toxic copolymer polyethylene coating applied to a thickness of 1/16". Mira-Therm2 PE contains U.V. light stabilizers, anti-microbial additives and color pigments. Mira-Therm2 PE contains no orthophthalates or other banned substances. Mira-Therm2 PE is a proprietary brand of PE coating. Materials are tested in accordance with ASTM D-638, ASTM D-412, ASTM D-2240 and ASTM D-1004. Mira-Therm2 PE meets the FMVS 302 flammability rating, the requirements of California State Law and the 2008 CPSI Act.

- **1" pipe** is **GATOR GRIP** embossed 14 ga., **1" pipe sized tube** (1.315" OD; approx. 1-5/16" OD.)
- **1" pipe, 10 ga.** is 10 ga., **1" pipe sized tube** (1.315" OD; approx. 1-5/16" OD.)
- **1" pipe, 12 ga.** is 12 ga., **1" pipe sized tube** (1.315" OD; approx. 1-5/16" OD.)
- **1-1/4" pipe** is 13 ga., **1-1/4" pipe sized tube** (1.660" OD; approx. 1-11/16" OD.)
- **1-1/4" pipe, 10 ga.** is 10 ga., **1-1/4" pipe sized tube** (1.660" OD; approx. 1-11/16" OD.)
- **4" pipe, 7ga.** is 7 ga., **4" pipe sized tube** (4.500" OD; 4-1/2" OD.) galvanized
- **plastic pipe plugs** are injection molded polypropylene containing U.V. light stabilizers.

- **Rockite (R)** (Rotational Molded Polyethylene) is a low-density polyethylene produced from high performance, U.V. stabilized rotational molding grade resins with a comprehensive additive package. These resins are tested in accordance with ASTM testing procedures D-1505, D-1248, D-1693(b), D- 638, D-790 and D-746. Resin's properties exhibit a balance of toughness, rigidity, environmental stress crack resistance and excellent low temperature impact performance. Wall thickness of molded components is 3/16" to 1/4".

- **Slashproof Seat** is a flexible flat single strap seat with end attachment points and an exterior surface of blue EPDM rubber. Models with chain have two segments of **4/0 straight link coil chain** to suspend the swing from a swing frame header. The Slashproof seat is constructed of a 4" wide inner steel insert of type 301 stainless spring steel, 0.020" thick. The Slashproof seat is 26" long (excluding mounting triangles) x 5" wide x 5/8" thick at the front and rear leading cushion edges. The rubber molded to the steel core is 70 durometer blue EPDM. At each end, a 16 ga. galvanized steel clip 3" wide is attached by three stainless steel rivets through the clip and seat subassembly. A 3/8" diameter galvanized steel mounting triangle is encompassed by the steel clip at each end of the seat. For Model # 284-74, the lower 30" of the chain is finished in **Mira-Therm2**.

- **360 Degree Slashproof Tot Seat** is a flexible seat fabricated into a configuration of a wide strap under and through the bottom, a wide strap running completely around at the top, and two (2) interconnecting straps at the front and rear of the seat for complete enclosure of the small user. The exterior surface is blue EPDM rubber. Models with chain have two segments of **4/0 straight link coil chain** to suspend the swing from a swing frame header. The 360-degree tot seat is constructed of a one-piece die cut 0.020" thick, martensitic spring steel insert with 70 durometer blue EPDM rubber, 1/4" thick, molded to the insert. The main seat strap is 5" wide, the back strap is 4" wide, and the front strap is 2" wide. The two (2) places where the straps are interconnected and form the suspension points for the seat are held by a clip and grommet system. The clip is 4" wide 16 ga. galvanized steel. There are two grommets per clip, each of which is 3/4" O.D. by 14 ga. wall galvanized steel tube, flared to securely attach the clip to the seat. The two (2) mounting triangles are secured to the seat by clips and are made from 3/8" steel round stock, formed and galvanized. For Model # 299-74, the lower 30" of the chain is finished in **Mira-Therm2**.

- **Generation Swing Seat** is a **Rockite** seat molded to form a double-sided swing, one side a tot swing design and the other for an adult. Models with chains have two chains to suspend the swing from a swing frame header. The chain assembly is fabricated from **4/0 straight link coil chain**. The **Rockite** seat has molded-in color. All hardware used is **Fastener Style A** except for the spacer collar which is aluminum.

- **Inclusive Swing Seat** is constructed of **Rockite** seats molded to form a chair. Models that are 8' or 10' with chains each have two chains to suspend the swing from a swing frame header. The attached seat is a reinforced polyurethane rubber bumper. The sliding latch mechanism is constructed from 6061 machined aluminum. The chain assembly is fabricated from **4/0 straight link coil chain**. The chain is manufactured to ASTM A467-86A Class CS specifications. All rubber surfaces are EPDM. The **Rockite** seats have molded-in color. All exposed metal surfaces are bright zinc plated. The clevises are zinc plated. The chain has a **Mira-Therm** coating.

- **square tube** is fabricated of 1010 hot rolled, **Flo-Coat**, galvanized tube manufactured from steel, cold formed and high frequency induction **welded** continuously. It conforms to ASTM A-513 and ASTM A-500 and is tested in accordance with ASTM E-8. The minimum mechanical properties of the tube are yield strength of 50,000 p.s.i. and tensile strength of 55,000 p.s.i.

- **3/4" x 1" oval tube** is 15 ga. wall. It is fabricated of 1008 hot rolled, **Flo-Coat**, galvanized tube manufactured from steel, cold formed and high frequency induction **welded** continuously. It conforms to ASTM A-135 and ASTM A-500 and is tested in accordance with ASTM E-8. The minimum mechanical properties of the tube are yield strength of 50,000 p.s.i. and tensile strength of 55,000 p.s.i.

- **1" tube** is 1" OD, 15 ga. fluted **round tube**. It conforms to ASTM A-500.
- **1-1/4" tube** is 1.315" OD (approx. 1-5/16" OD), 14 ga. diamond embossed **round tube**. It conforms to ASTM A-500.
- **1-1/2" tube** is 1-1/2" OD, 16 ga. **round tube**. It conforms to ASTM A-500.
- **2-3/8" tube, 12 ga.** is 2-3/8" OD, 12 ga. **round tube**. It conforms to ASTM A-500.
- **3-1/2" tube, 13 ga.** is 3-1/2" OD, 13 ga. **round tube**. It conforms to ASTM A-500.
- **5" tube, 11 ga.** is 5" OD, 11 ga. **round tube**. It conforms to ASTM A-500.
- **welded** refers to welds that are made by certified welders, tested in accordance with AWS D1.1-94, structural welding code specifications for steel. Welds conform to AWS A5.17 ASME SFA-5.17 EML3K and AWS A-5.18ER70S-3 ASME SFA-5.18 ER70s-3 LE332- C and LE-559-L.
- **Specification Policy:** Specifications were current at the time of publication. **Miracle Recreation Equipment Company** has a policy of ongoing product improvement and therefore reserves the right to modify specifications or discontinue products without notice.



# Miracle® Limited Warranty

Miracle Recreation Equipment Company warrants its products against structural failure due to defects in materials and workmanship for the warranty periods and material categories prescribed below.

Buyer agrees that products sold by Miracle Recreation Equipment Company carry only the following warranties:

1. **LIMITED WARRANTY FOR AS LONG AS YOU OWN THE PRODUCT:** Aluminum deck posts, steel deck posts, VersaLok® fastening system, cast aluminum parts, and associated fastening hardware.
2. **LIMITED FIFTEEN (15) YEAR WARRANTY:** All rigid steel playground components, decks, steps, and weldments, rotationally molded and sheet plastic components, plastic lumber, roof panels, and stainless steel slides, except as otherwise specified below.
3. **LIMITED TEN (10) YEAR WARRANTY:** Fabric shade steel frames, Shadesure™ and Colourshade FR fabrics (Note Exception: Limited Five (5) Year Warranty on Shadesure™ fabrics in colors Red, Yellow, Electric Purple, Zesty Lime, Cinnamon, and Olive.)
4. **LIMITED EIGHT (8) YEAR WARRANTY:**
  - Fiberglass signage, accessible swing seats, precast PolyFiberCrete or precast concrete products.
  - Play Terrain Synthetic Turf safety surfacing against deterioration of specified attenuation performance and appearance.
  - Integrated shade fabric and components against rot, UV deterioration and defects in materials and workmanship (Note Exception: Limited Three (3) Year Warranty for fabric in shades of red).
5. **LIMITED FIVE (5) YEAR WARRANTY:**
  - Heavy duty diamond barrier mesh and Kidrox™ Climbing Rocks.
  - Mira-Therm™ PVC coating and PE coating against cracking or peeling.
  - Park and Site Amenities (i.e. benches, tables, trash receptacles, etc.).
  - GFRP (Glass Fiber Reinforced Polymer) Products.
  - Steel core cable nets and rope fittings and connections (Note Exception: Warranty does not cover normal wear and tear such as fraying or facing of cable coating).
6. **LIMITED THREE (3) YEAR WARRANTY:** Flexible belting, plastic border timbers and accessories, and electronic panel speakers, sound chips, and circuit boards.
7. **LIMITED ONE (1) YEAR WARRANTY:**
  - Slashproof Swing Seats, 360° Bucket Tot Swing Seats, and Tuff Net no climbing mesh.
  - Pool slide support structures, stairways, landings and railings.
  - All other products, components and custom pieces that are not specifically listed above, including, without limitation, all moving parts, such as swing hangers and bearings, swivels, chains, whirls, springs and flexible components, and all high wear items, such as trolleys, cables, wheels, and bumper stops related to rail and cable ride products.

**BUYER'S REMEDY:** If any products prove defective or non-conforming under normal use and within the above-prescribed warranty periods and material categories, Buyer must promptly notify Miracle® in writing at 878 E. Hwy 60, Monett, MO 65708 USA. Miracle® may elect to inspect the alleged defect at Buyer's site or at Miracle's facility. Buyer shall not return products to Miracle® unless authorized by Miracle® to do so. Authorized returns must be properly packaged and shipped prepaid and insured, at Buyer's expense. Upon verification of warranty coverage, Miracle® may elect, in its sole discretion, to repair defective or non-conforming products, or replace them by delivering products or part(s) of similar functionality free of charge to the site. Miracle's limited warranties do not cover the cost of labor to remove defective or non-conforming part(s) or to install repaired or replacement part(s). By use of these limited warranties, Buyer accepts their terms and limitations, and waives any rights it would otherwise have to claim or assert that such warranties fail of their essential purpose. Buyer agrees that venue for any court action to enforce these limited warranties shall be in Barry or Greene Counties in the State of Missouri.

**LIMITATIONS:** All warranty periods begin on the date of Miracle's invoice. Repaired and/or replacement part(s) are warranted only for the balance of the original limited warranty period. Warranties extend only to the original Buyer/end user for products purchased from Miracle® or a Miracle® authorized reseller, and are not transferable.

Warranties apply only to Miracle® products that are erected and installed in conformance with Miracle's installation instructions, and that are maintained and inspected in conformance with Miracle® maintenance and operational instructions.

Warranties specifically do not cover Miracle® products:

- for cosmetic damage or flaws occurring under normal use, such as surface scratches, minor chips, hairline cracks, dents, marring, efflorescence, color fade (except for shade fabric as noted above), discoloration, corrosion/rust, fraying, or warping of recycled plastic lumber;
- that have been modified, altered, or repaired by unauthorized third parties;
- that have not been used as designed or intended, or misused;
- to which non-Miracle® parts have been added or substituted;
- that have been removed from their original location and re-installed elsewhere;
- or that have been damaged due to excessive wear and tear, vandalism, abnormal use, abuse, negligence, environmental factors (such as wind-blown sand, salt spray, or airborne emissions from industrial sources), extreme weather (such as hail, flooding, lightning, tornados, sandstorms, earthquakes, or wind storms), and acts of God.

Miracle® does not warrant that any particular color will be available for any specific period of time, and reserves the right, its sole discretion, to discontinue any color for any reason.

THE FOREGOING LIMITED WARRANTY IS THE SOLE AND EXCLUSIVE WARRANTY FOR SELLER'S PRODUCTS, AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, IN LAW OR IN FACT. SELLER SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE OR PURPOSE, AND ANY IMPLIED WARRANTIES ARISING OUT OF COURSE OF DEALING OR PERFORMANCE OR TRADE USAGE. SELLER SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, EXEMPLARY, SPECIAL, OR PUNITIVE DAMAGES, OR ANY LOSS OF REVENUE, PROFIT OR USE, ARISING OUT OF A BREACH OF THIS WARRANTY OR IN CONNECTION WITH THE SALE, INSTALLATION, MAINTENANCE, USE, OPERATION OR REPAIR OF ANY PRODUCT. IN NO EVENT WILL SELLER BE LIABLE FOR ANY AMOUNT GREATER THAN THE PURCHASE PRICE OF A DEFECTIVE PRODUCT

*Prices are subject to change without notice and are exclusive of installation, surfacing, transportation, insurance, taxes, license fees, customs fees, duties, premiums, fees, and other charges.*



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# CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)  
10/02/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Aon Risk Services Central, Inc. St. Louis MO Office 4220 Duncan Avenue Suite 401 St Louis MO 63110 USA	<b>CONTACT NAME:</b>	
	<b>PHONE (A/C. No. Ext):</b> (866) 283-7122	<b>FAX (A/C. No.):</b> (800) 363-0105
<b>INSURED</b> Playpower Holdings, Inc. 11515 Vanstory Drive #100 HUNTERVILLE NC 28078 USA	<b>E-MAIL ADDRESS:</b>	
	<b>INSURER(S) AFFORDING COVERAGE</b>	
	<b>NAIC #</b>	
	<b>INSURER A:</b> James River Insurance Company	12203
	<b>INSURER B:</b> Pennsylvania Manufacturers' Assoc Ins Co	12262
	<b>INSURER C:</b> Manufacturers Alliance Ins Co	36897
	<b>INSURER D:</b> Columbia Casualty Company	31127
<b>INSURER E:</b> Allied world Assurance Company (US) Inc	19489	
<b>INSURER F:</b>		

Holder Identifier :

**COVERAGES****CERTIFICATE NUMBER:** 570108749096**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> <b>COMMERCIAL GENERAL LIABILITY</b> <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:			000959655 SIR applies per policy terms & conditions	10/01/2024	10/01/2025	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$300,000 MED EXP (Any one person) \$10,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000 SIR \$500,000
C	<b>AUTOMOBILE LIABILITY</b>			152400 0652321B CA 152400 0652321A AOS	10/01/2024	10/01/2025	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000
B	<input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> \$1,000 Ded. Collision <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> \$1,000 Ded. Comp				10/01/2024	10/01/2025	BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)
E	<input checked="" type="checkbox"/> <b>UMBRELLA LIAB</b> <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> <b>EXCESS LIAB</b> <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$10,000			03140086	10/01/2024	10/01/2025	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000
B	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	N/A	2024750652321	10/01/2024	10/01/2025	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE-EA EMPLOYEE \$1,000,000 E.L. DISEASE-POLICY LIMIT \$1,000,000

Certificate No : 570108749096

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Evidence of Insurance. The Excess Liability policy is endorsed with a Blanket Additional Insured Endorsement.

**CERTIFICATE HOLDER****CANCELLATION**

Playpower Holdings, Inc. 11515 Vanstory Drive, Suite 100 Huntersville NC 28078-6417 USA	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE  <i>Aon Risk Services Central, Inc.</i>





**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,**  
**FORM NUMBER:** ACORD 25 **FORM TITLE:** Certificate of Liability Insurance

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER	
INSURER	
INSURER	
INSURER	

[illegible]



# ADDITIONAL REMARKS SCHEDULE

AGENCY Aon Risk Services Central, Inc.		NAMED INSURED Playpower Holdings, Inc.
POLICY NUMBER See Certificate Number: 570108749096		
CARRIER See Certificate Number: 570108749096	NAIC CODE	EFFECTIVE DATE:

## ADDITIONAL REMARKS

**THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,**

**FORM NUMBER:** ACORD 25 **FORM TITLE:** Certificate of Liability Insurance

Named Insured Schedule

PlayPower Inc. (First named insured)

Additional Named Insureds

Play Holdings Inc.  
 PlayPower, Inc.  
 PlayPower Holdings, Inc.  
 PlayPower Finance, Inc.  
 Miracle Recreation Equipment Company, Inc.  
 E-Z Dock, Inc.  
 Kid Play, Inc.  
 Soft Play, L.L.C.  
 PlayPower LT Farmington, Inc.  
 Play Design International SARL  
 Playworld Systems, Inc.  
 Playworld Preferred, Inc.  
 Playtime LLC  
 No Fault LLC



# Color Choices

## ROCK-ITE® PLASTIC COLOR CHOICES

Roofs, Slides, Big Timber® Components, Crawl Tubes, Bongos™, Bumpers and Panels.



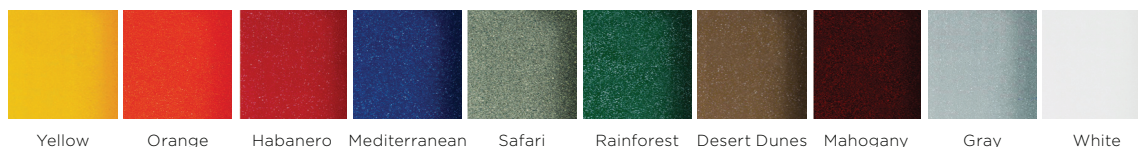
## MIRA-COTE® POWDER-COATED PAINTED METAL COLOR CHOICES

Posts, Arches, Swings and Accents (Railings & Climbers).



## ANTI-MICROBIAL PAINTED METAL COLORS

This proprietary treatment helps prevent bacterial mold, algae growth and stains.



## MIRA-LENE™ PANEL COLOR CHOICES

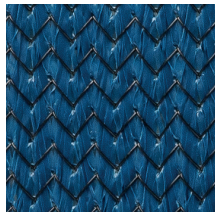


878 E Highway 60 / Monett, Missouri, USA 65708 / [Miracle-Recreation.com](http://Miracle-Recreation.com)  
 USA 888-458-2752 CANADA 866-516-0245 INTERNATIONAL +1 417-235-6917

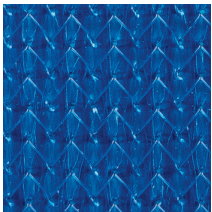
# Color Choices

## SHADESURE™ FABRICS

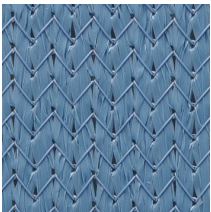
PASSES: NFPA 701 / ASTM-E84



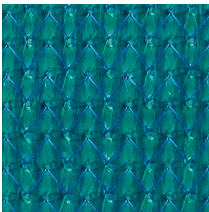
**Navy Blue**  
90% shade factor  
94% UV factor



**Royal Blue**  
86% shade factor  
94% UV factor



**Laguna Blue**  
91% shade factor  
96% UV factor



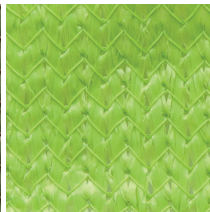
**Turquoise**  
83% shade factor  
92% UV factor



**Rain Forest**  
89% shade factor  
96% UV factor



**Olive**  
89% shade factor  
95% UV factor



**Zesty Lime**  
84% shade factor  
92% UV factor



**Chocolate**  
92% shade factor  
93% UV factor



**Cinnamon**  
92% shade factor  
93% UV factor



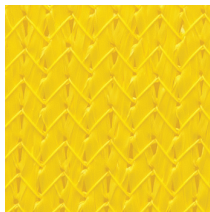
**Arizona**  
84% shade factor  
92% UV factor



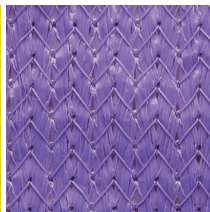
**Desert Sand**  
80% shade factor  
92% UV factor



**Terracotta**  
84% shade factor  
90% UV factor



**Sunflower Yellow**  
70% shade factor  
94% UV factor



**Electric Purple**  
83% shade factor  
91% UV factor



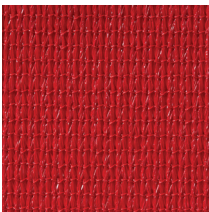
**White**  
57% shade factor  
86% UV factor



**Silver**  
88% shade factor  
93% UV factor



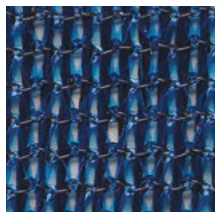
**Black**  
95% shade factor  
96% UV factor



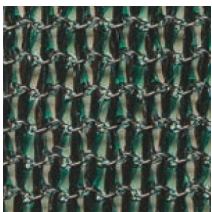
**Red**  
80% shade factor  
86% UV factor

## COLOURSHADE™ FR FABRICS

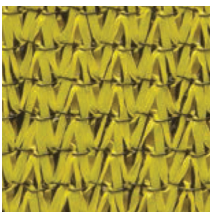
PASSES: NFPA 701 / ASTM-E84 / OSFM TITLE 19



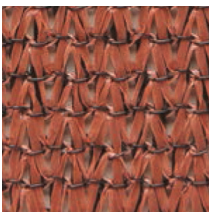
**Blue**  
80% shade factor  
85% UV factor



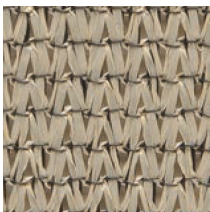
**Green**  
80% shade factor  
85% UV factor



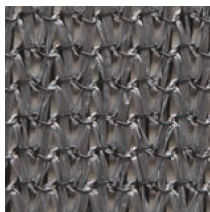
**Yellow**  
80% shade factor  
89% UV factor



**Terracotta**  
75% shade factor  
82% UV factor



**Desert Sand**  
80% shade factor  
92% UV factor



**Silver**  
80% shade factor  
81% UV factor



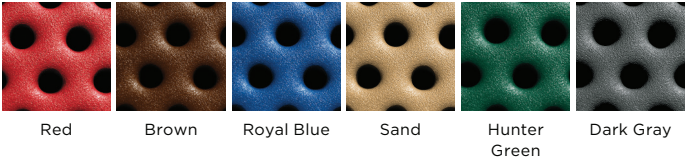
878 E Highway 60 / Monett, Missouri, USA 65708 / [Miracle-Recreation.com](http://Miracle-Recreation.com)  
USA 888-458-2752 CANADA 866-516-0245 INTERNATIONAL +1 417-235-6917



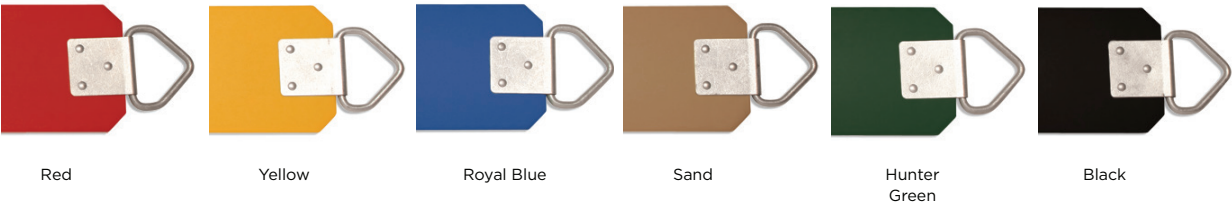
# Color Choices

## TEXTURED MIRA-THERM™ COLOR CHOICES

Mira-Therm™ coatings for Decks, Steps, Ramps, Bridges and Cargo Climbers are available in either orthophthalate-free Mira-Therm™ 2 (vinyl) or Mira-Therm™ PE (polyethylene)-based coatings with anti-microbial enhancements.



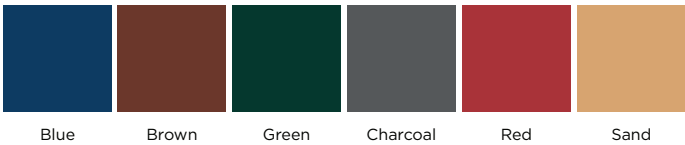
## MIRACLE SWING SEAT COLORS



## FURNISHING COLOR OPTIONS

Amenities receive a durable color coating that will not rust, crack, peel, or warp. Choose a powder coat color for framework and plastisol coating for table tops, seats, and backs.

### Powder Coat and Plastisol

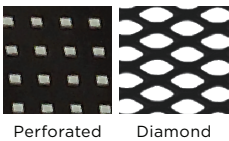


### Powder Coat Only



## SITE FURNISHING PATTERNS

Slat and Rib patterns (not shown) available in select site furnishing products.



## RECYCLED PLASTIC COLORS



# Color Palettes



EARTH TONE

- Beige
- Sand
- Forest Green
- Green



ISLAND OASIS

- Forest Green
- Royal Blue
- Cobalt
- Cyan



ENERGY

- Metallic Gray
- Dark Gray
- Silver
- Chartreuse
- Teal



NAUTICAL

- Blue
- Sand
- Beige
- Orange



MOTHER EARTH

- Blue
- Sand
- Beige
- Green



PATRIOTIC

- Red
- White
- Blue



OCEAN

- Blue
- Sand
- White
- Teal



SPRING

- Green
- Sand
- Yellow



PRIMARY

- Blue
- Red
- Yellow



SAHARA

- Beige
- Brown
- Forest Green
- Sand

Miracle® uses high quality materials and state of the art manufacturing processes. Commercial playgrounds and products are subjected to years of environmental and solar exposure. Such extreme exposure takes its toll on paints and pigments, and all colors will fade over time. So Miracle® does not warrant against color fading or discoloration. It is important to properly maintain your playground to ensure its longevity. Depending on environmental conditions at your location, the installation of fabric shade structures may help to delay fading and discoloration. Actual colors in catalog may vary due to four color printing process.



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