

Please make
arrangements with
Ross to visit
Hayman Park
before 9.23.2019.

Ross — 256.2657



TOWN OF KILL DEVIL HILLS

Land Where Flight Began

Notice of Public Meeting West-Side Recreation Group

NOTICE is hereby given that on Monday, September 23, 2019 at 6:00 p.m. the Kill Devil Hills' West-Side Recreation Group will hold a regular meeting in the Meeting Room at the Administration Building, 102 Town Hall Drive.

Call to Order

Pledge of Allegiance

Agenda Approval

Old Business

New Business

1. Approval of the Minutes of July 30, 2019

2. Hayman Park

Other Business

Public Comment

Response to Public Comment

Adjourn

Posted this 30th day of August 2019.

Mary E. Quidley
Town Clerk

Copies to: WRG; KDH BOC; Department Heads/Assistant Department Heads; TM; all Town bulletin boards; KDH Sunshine List, including all local news media; KDH Electronic Distribution List; Facebook; website; file



TOWN OF KILL DEVIL HILLS

Land Where Flight Began

MEMORANDUM

September 23, 2019

TO: West-side Recreation Group

FROM: Chair Terry Gray

REF: New Business

1. Approval of the minutes – July 30, 2019 (Attached NB-1A)

If the Group finds the minutes to be in order, then a motion for approval of the record of the July 30, 2019 meeting will be in order.

If there are minor corrections, please identify them for the record, and a motion for minutes approval may be made subject to correction of the identified text.

If the Group finds a major, or more than one major, error, then it will be appropriate to table the minutes for resolution of the error until the next meeting.

Minutes of the Tuesday, July 30, 2019 meeting of the West-side Recreation Group held at 6:00 p.m. in the Meeting Room at the Administration Building, 102 Town Hall Drive, off Colington Road.

Members Present: Chair Terry Gray; Voting Members Christine Damrose-Mahlmann, Daryl Davies, Will Foxwell, IV, T. Dillon Heikens, Stacie Huelsman, Kelli Miller, Amy Seyler, Mark Shafer

Members Absent: None

Others Present: Cameron Ray, Assistant Planning Director; Ross Cipriano, Grounds Supervisor; Michael O'Dell, Deputy Town Clerk; Mary E. Quidley, Town Clerk

Pledge of Allegiance

Commissioner Gray called this meeting to order and welcomed all present, including, in the audience, members of the Town's Board of Commissioners.

Agenda Approval

Commissioner Gray called for a motion to approve the agenda for this meeting as submitted. That motion was made by Mr. Foxwell, seconded by Mr. Davies and approved unanimously, 8-0.

Old Business

New Business

1. Member and Staff Introductions

Each member introduced themselves and explained a bit about their relationship with Kill Devil Hills and why they desired to participate in this group.

2. Review of WRG scope, purpose and charge from the Board of Commissioners

Commissioner Gray reviewed the Board of Commissioners adopted scope, purpose and charge to the West-side Recreation Group (WRG), included various important points that apply to meetings and public records.

3. Rules of Procedure

Commissioner Gray will vote only in the event of a tie. Mr. Ray and Mr. Cipriano will not vote on items before the WRG.

4. Review of materials provided; identification of materials that are desired or may be needed

For each facility reviewed and discussed by the WRG, similar information will be provided by Staff, including, but not necessarily limited to: historical information, layout, current conditions, recommendations by the Recreation Facilities Plan (2004), pending capital improvements, photos, etc.

5. Establish top four locations for review

Commissioner Gray explained that there will be events coming up at Aviation Park this fall, and next year, and he originally placed the facility as #1 in the priority list for consideration of additional infrastructure, equipment, maintenance, etc., in order to better meet the needs of existing public events and to draw in more events. A farm/craft market, music venue, have each been discussed as possible activities/events at Aviation Park.

The WRG proceeded to discuss various recreation facilities, including current conditions, visions for future improvements, etc. Several important points were made, including:

- Meekins Field will require a great deal of work once the new water tower and monopole are completed, including the parking lot.
- There is not sufficient parking at the Casey R. Logan Disc Golf Course for the amount of people that use the facility.
- There are many comments from citizens who would like to include a walking/fitness trail in the area around the disc golf course, along with desires to utilize the waterfront on the west side of the course, which fronts Buzzard Bay.
- Recreation includes more than field or organized sports. It also includes, dancing, art, music, etc.
- Hayman Park is virtually a blank slate; the playground set is scheduled for replacement within the next 12-18 months. There already is water and electricity on site.
- The importance of obtaining grant funding for smaller projects and large-scale improvements.

At the conclusion of their discussion the WRG agreed to four park locations as priorities at this time:

- 1 Hayman – consider all-accessible improvements that would be fun for all
- 2 Aviation – look at the uses and how it may be better be marketed
- 3 Meekins
- 4 Baum Tract/soundside

A. Aviation Park

Members of the WRG were given an opportunity to meet with Mr. Cipriano at Aviation Park so that he could review its layout and installed amenities.

Aviation Park was largely discussed during Item #5, above, during which the WRG amended its priority number to 2.

Other areas were also brought up, including the small estuarine accesses, similar to West Walker Street. This gave all WRG members an opportunity to become generally familiar with the west-side recreation facilities. One member made the point that, the WRG has an opportunity to consider “different” recreation types not currently available at other,

neighboring recreation facilities. Another item was the possibility of constructing an elevated walking path at the waterside, west of the disc golf course.

Staff will install another informational sign at Aviation Park that motorists can see.

The next meeting will be Monday, September 23, 2019 at 6:00 p.m.

Other Business

Public Comment

Response to Public Comment

Adjourn

There being no further business before the WRG at this time, Ms. Damrose-Mahlmann made a motion to adjourn this meeting, and Ms. Heulsman second that motion. It was approved unanimously 8-0.

It was 7:21 p.m.



TOWN OF KILL DEVIL HILLS

Land Where Flight Began

MEMORANDUM

September 23, 2019

TO: West-side Recreation Group

FROM: Chair Terry Gray

REF: New Business

2. Hayman Park (Attached NB-2)

- A. Assistant Planning Director Cameron Ray - review of public opinion survey, including identified improvements priorities.
- B. Review and discussion of existing amenities, proposed installation(s), development recommendation for future improvements. (Reference tables, photographs, and drawings that are included in the packet and photographs.)
 1. Look at two other North Carolina parks that were constructed using all-inclusive technology. (Includes photos)
 - A. Haven Gardens Park, Washington, NC
 - B. Fun Junktion, Elizabeth City, NC
- C. Compose a recommendation for the future development of Hayman Park to be submitted to the Board of Commissioners.
 1. Grant-funding, public/private partnership, etc., to accomplish vision?
 - A. The Town would be responsible for matching funds.
 - B. Grant cycles and funding availability could determine project schedules. (Packet information includes printout on potential PARTF grant program. Included to present information on availability of grant funding.)
 2. Identification of amenities.
 3. Other

D. Other packet items

1. [Inclusive Play](#) from Miracle Recreation. This printout shows more inclusive play apparatus and speaks about the importance of recreation for all persons.









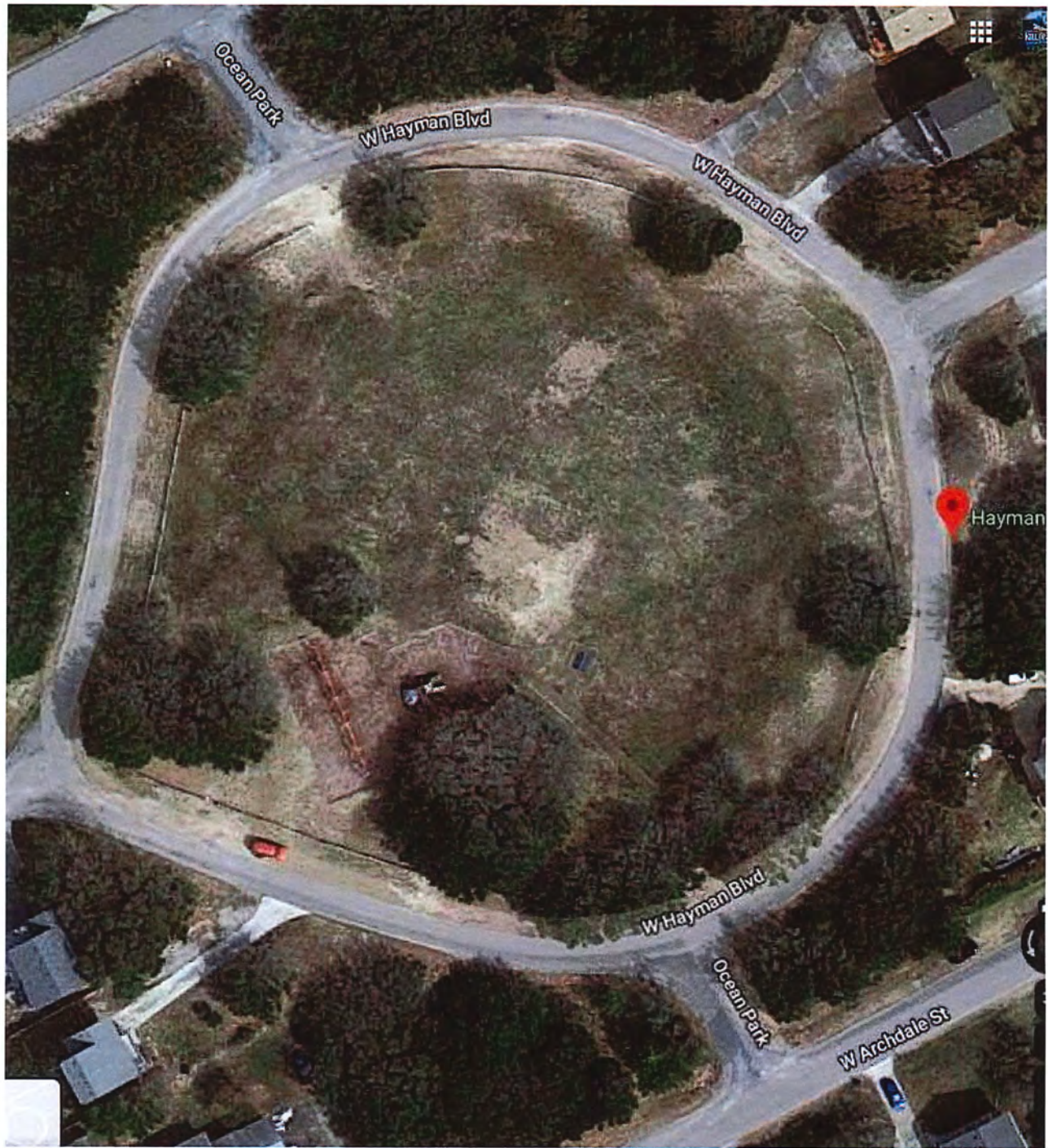


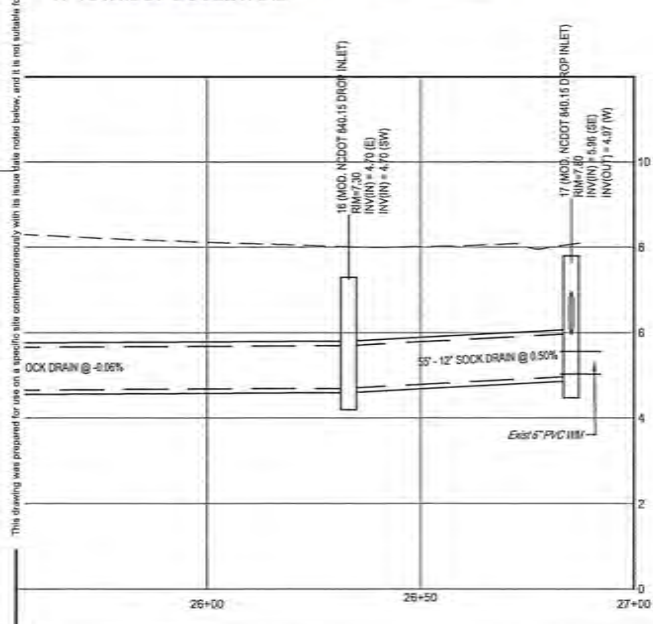
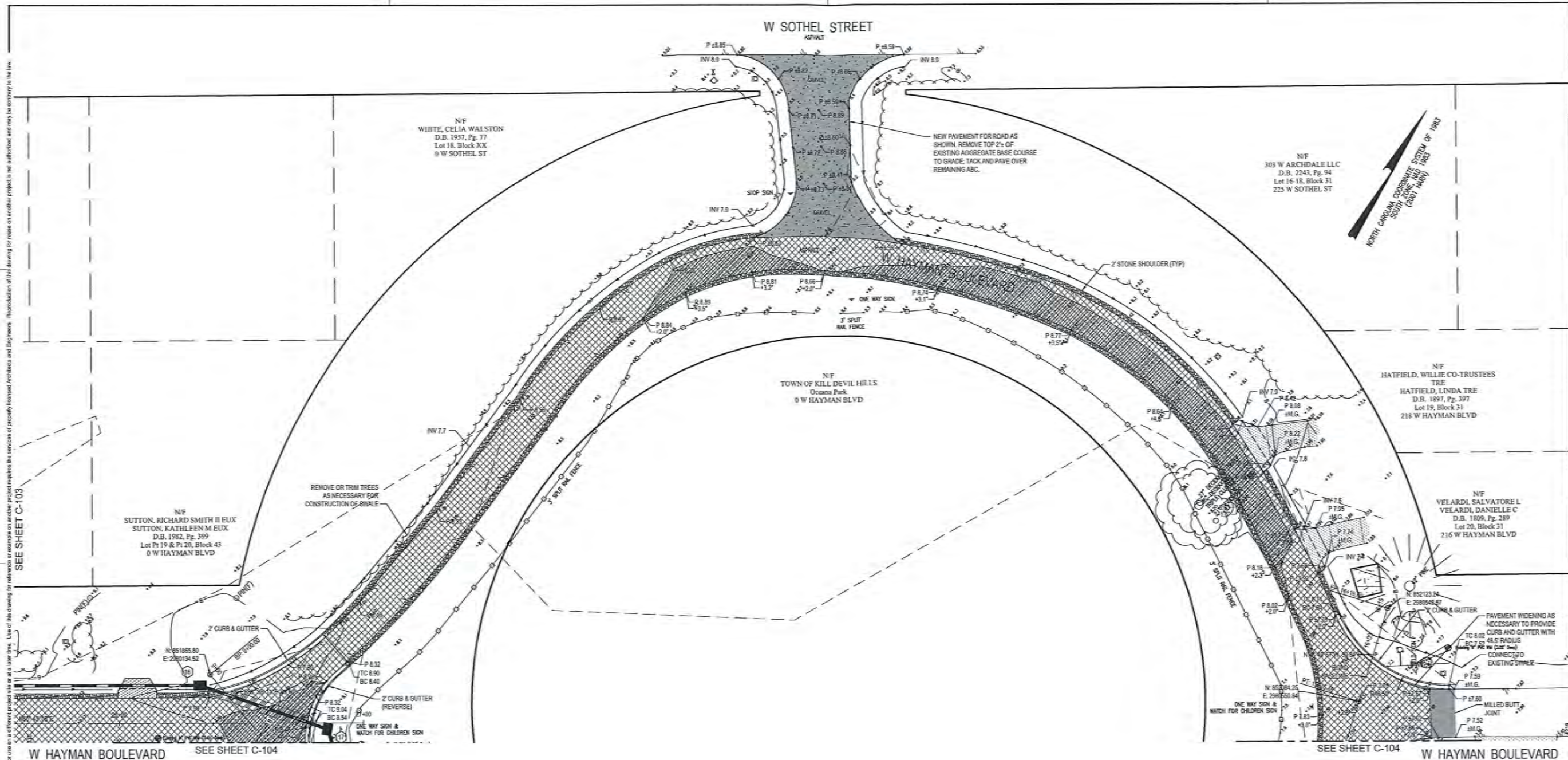












- NOTES:
1. DRIVEWAY GRADE CALLOUTS APPEAR ONLY ON THE SHEET FOR THE ROAD TO WHICH THE DRIVEWAY CONNECTS.
 2. MAILBOXES SHALL BE REMOVED AND REINSTALLED PER THE MAILBOX RELOCATION DETAIL SHOWN ON SHEET C-501 AS NECESSARY TO INSTALL NEW STONE SHOULDERS AND DRIVEWAYS.
 3. DO NOT SAWCUT STREET PAVEMENT FOR STORM PIPE CROSSINGS UNTIL ALL EXISTING UTILITIES HAVE BEEN LOCATED AND MARKED.
 4. PROVIDE CURB WIPEDOWN AT ALL NEW AND MODIFIED CURB RETURNS. TOP OF CURB SHALL TRANSITION FROM 6\"/>
 5. MANY DI GRATES WILL NEED TO BE TILTED TO BEST SUIT SITE CONDITIONS. PLAN RIM ELEVATION = HIGH SIDE, NEAREST ROAD. LOW SIDE OF GRATE SHALL BE 4\"/>

PAVEMENT LEGEND	
	3/4\"/>
	NEW PAVEMENT, MILLED BUTT JOINT & TRANSITION OVERLAY, DRIVEWAY FEATHERING (AT DRIVEWAYS)
	2.25\"/>
	2.25\"/>
	PAVEMENT PATCH & OVERLAY
	CONCRETE DRIVEWAY PATCH

0 20 40 60

REVISIONS

AMERICAN
Engineering

American Engineering Associates - Southeast, P.A.
1418 Viking Drive, Suite 200
Virginia Beach, Virginia 23462 (757) 480-0800
V18100 - 2019/2020 STREETS PROJECT: W. HAYMAN BLVD, PLYMOUTH STREET, TOWN HALL DRIVE, AND SIXTH AVENUE STREET & DRAINAGE IMPROVEMENTS

Project # V18100
Checked by EMC
Drawn by EMC
Submittal Date 07/10/2019
Approval Date
Scale 1" = 20'
SWaM Certification: 715559
NC Firm # C-3884

2019/2020 STREETS PROJECT: W. HAYMAN BLVD, PLYMOUTH STREET, TOWN HALL DRIVE AND SIXTH AVENUE STREET & DRAINAGE IMPROVEMENTS

TOWN OF KILL DEVIL HILLS DARE COUNTY, NORTH CAROLINA

SHEET NAME

W. HAYMAN BLVD PLAN AND PROFILE

SHEET #

C-105

This drawing was prepared for use on a specific site contemporaneously with its issue date noted below, and it is not suitable for use on a different project site or at a later time. Use of this drawing for reference or as a basis for another project requires the services of properly licensed Architects and Engineers. Reproduction of this drawing for reuse on another project is not authorized and may be contrary to the law.

Hayman Park – 2004/2005 Recreation Facilities Plan; Update and Status

Hayman Park is located .2 miles west of US 158, on West Hayman Boulevard and was completed in 1993. It is approximately three acres in size, two of which are within the currently placed wooden rail-type fencing. The facility is surrounded by single-family residential development. Hayman is designated as a neighborhood park and is mostly used by children accompanied by supervision.

Facility	Description	2004/2005 Installed Amenities	Recommended Amenities as Described in Needs Analysis From 2004/2005 RF Plan	Preliminary Cost Estimates for Needs Analysis (2018/2019 Dollars Estimates)	Status
Hayman Park	- Was completed in 1993 and is approximately three acres in size. Two of these acres are within the perimeter wooden split rail fencing. This facility is surrounded by single-family residential development. - For a number of years, this site was a potential site for an elevated water tank. That is no longer necessary.	Electrical service and irrigation system were completed in 1996/97.	- Playground set - swingset and play areas must be covered with a special type of mulch that offers a cushion to anyone that may fall, or otherwise "hit" the ground. - Turf installation @ estimated cost of \$25,000	\$112,000 (+/-)	
		Toddler Swing Set	Install three picnic tables with concrete pads for in-ground mounting; replace children's picnic table		
		Regular Swing Set	Construct 40 x 20 open air pavilion with restrooms, water fountains, picnic tables, septic tank drain field system		
		Regular Picnic Table	Bike rack		
		Electrical Service			

	Irrigation System	Modify/relocate irrigation system to meet area needs after fence relocation		Unbudgeted. Irrigation system can be upgraded to have the ability to water the entire area.
	Two Benches	Create mulched parking spaces.		Undone. Verify parking regulations. Town mulch can be used; could use gravel. Minimum expense.
	Trash Receptacles	Install two portable soccer goals		
	Perimeter Fencing	Relocate perimeter fencing to increase useable park/field area to free up approximately one acre of useable space.		Complete. Perimeter fencing was relocated in around 2010
	Paved Walkway Entrance	As-built survey of site, including utilities, easements, irrigation system, and site improvements, etc.	\$5,000 - \$7,000 – depending on the extent of the survey; picking up property pins and trying to fit accurately the right of way lines of the circle would be at the high end of the cost estimate.	Fiscal 2019/2020
	Grill			Removed around 2013; condition was unusable.
	Concrete Pad/Walkway			
	Entrance Sign	Replace sign.		Pending during 2019/2020 Fiscal Year.

Hayman Park 2019 Existing Facilities and Features

Hayman Park Existing Facilities and Features	Description	Use	Comments
One long swing set – nine seats	Long swing set is still in good shape and can be retrofitted to extend lifespan.	Toddlers to adult swings.	Swing set and play areas must be covered with a special type of mulch that offers a cushion to anyone that may fall, or otherwise “hit” the ground
One playset (for smaller children)	Could be scheduled for replacement at any time.	Toddler swing set, around ages 2-8; needs replacing.	
Two benches in the playset area		Condition is about half-life for replacement	
One picnic table			

Hayman Park Improvements and Usage Discussion Topics

Hayman Park				
Generally	With playground equipment pending replacement anytime, Hayman Park is a unique "blank slate."	Organized adult sports competitions are not allowed at Hayman Park. This had become an issue several years ago when an adult soccer league began holding competitions at the park, which is not intended for regional play. Should Hayman Park ever be designated for adult use organized recreation?	▪ At what point do improvements or proposed activities at Hayman Park re-categorize it as something more than a "neighborhood park?" ▪ Neighborhood parks are geared for people within walking distance of the park; the target audience is the immediate adjoining neighborhoods.	
Combination of enhanced playground areas, toddlers and youth, along with organized sports such as soccer, wiffle ball field (for youngsters), pickleball court (all ages); T-ball		Exercise, yoga area	What sort of "neighborhood" activities could the park be the focus of? Block parties? Mommy & Me?	Due to parking restrictions and lack of multiple accesses to electrical service, this facility is not ideal for exhibitions or craft fairs, etc.
Additional playsets with fall zones; a new larger playset		▪ Turf installation @ estimated cost of \$25,000 ▪ Swing set and play areas must be covered with a special type of mulch that offers a cushion to anyone that may fall, or otherwise "hit" the ground	Additional playsets, with field activities could appeal to children of all ages	▪ Is there any such thing as "adult" exercise equipment? Could it be fenced to keep children off? ▪ A fit trail, similar to that which is around the Frog Pond could also be installed around the perimeter fencing at Hayman Park. A mulched or clay running trail could also be included with the fitness sites.

Pavilion	Open air pavilion, 40' x 20', large enough to provide shade and cover for three picnic tables	- Restrooms, water fountain and septic tank drain field - Grilling?	Are restrooms a typical amenity at a neighborhood park?	Restrooms must be handicapped accessible; regulations may require male/female separate units
Fence relocation	Has provided approximately one acre more of useable space			What does relocating the perimeter allow in the way of increased recreation opportunity? Adult fitness stations?
Install three picnic tables	Concrete pad construction for in-ground mounting;	Have at least one picnic table handicapped accessible; replace children's picnic table		These would be installed at the time the pavilion is constructed. There would be no need to limit installation to only three.
Bike rack				At this time, with the minimal improvements, there is no need for installation of a bike rack.
Modify/relocate irrigation system	To meet area needs after fence relocation			Irrigation could be expanded to cover entire park, but this should be done based on planned improvements, not on what's in the park at this time.
Create mulched parking spaces	Fence relocation has been accomplished; no parking was included at that time.	- There are no plans for parking at this time; safety issues should be explored before committing to only mulch; pavers could be an option. - What standard does Kill Devil Hills want for this facility?		Parking could be added with little difficulty.
Install two portable soccer goals Soccer field for youth				Soccer goals were removed because of their attraction to adult organized sports, which is not an intended purpose.
Replace sign				Existing sign to be updated in 2019/2020, which includes cleaning and repainting.
Decorative landscaping				This should only be considered as part of an overall plan for redeveloping the park, at which time a designated and landscaped entrance should be designed.

Expanded electrical service	Lighting could be installed	Christmas decorations expanded from the Town Hall Drive facilities	Night lighting appropriate for "neighborhood park?"	
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Hayman Park:

A neighborhood park is geared for people within walking distance of the park and the target audience is in the immediate adjoining neighborhood. No parking or restroom facilities are provided, which helps keep a recreation area a neighborhood park.

Changing the park in ways that would attract people from outside the adjoining neighborhoods, or for evening activities (which would require restrooms, lighting, etc.) would change the dynamics and move Hayman more toward a local or regional park, and away from it being a more passive neighborhood park.

Haven Gardens Park
Washington, North Carolina

Located on the Pamlico River on Park Drive, just before the Runyon Creek Bridge
Park hours year-round are sunrise to sunset.

Restroom facilities hours are as follows:

March-April & September-October 9 a.m.-5:30 p.m. (weather permitting);

May-August — 8 a.m.-7 p.m.; November-February — closed.

Two covered picnic shelters, playground equipment, fishing pier and open grass areas for volleyball, tag football and other activities. For a small charge, groups may reserve picnic shelters. No fees are charged to Beaufort County school groups. Make reservations at the Recreation Main Office, 310 W. Main St., (252) 975-9644.

Fun Junktion Park
983 Simpsons Ditch Road Elizabeth City, NC 27909
252.335.1424

This park's activities include catch and release fishing, a playground for ages 0-12, wetlands boardwalk, educational forest, walking trails, basketball, beach volleyball, picnic areas, skate board park and more.

Fun Junktion has 2 man-made ponds, both of which are stocked for catch-and-release fishing. The front pond has 3 piers and the back pond has one pier and a small boat access. There is a playground area which is divided into different sections for the younger age group, ages 2-5 years, and the older children, ages 5-12 years old. This area is fenced in with sandbox, swings (infant and regular), handicapped swing, and sitting area. Other activities available at Fun Junktion include a disc golf course, walking trail, skate park, basketball court, volleyball net, paddle boats (summer only), and a driving range. There are also 2 covered outdoor pavilions located here.



Haven Gardens Park #1



Haven Gardens Park #2



Haven Gardens Park #3



Haver Gardens Park #4



Fun Junction #1



Fun Junction #2



Fun Junction #3



Fun Junction # 4



Fun Junction #5



Parks and Recreation Trust Fund (PARTF North Carolina)

GRANT DESCRIPTION

Administering Authority	North Carolina Division of Parks & Recreation
Funder Type	State
Geographic Coverage	NC
Grant Category	Community Development, Environment & Parks
Deadline	4/30/2020 - Please note: This is an estimated deadline based on the previous year grant schedule. We recommend adding this grant to your alert list to be notified of any release date updates.
Summary	Overview: The Parks and Recreation Trust Fund (PARTF) provides dollar-for-dollar matching grants to local governments for parks and recreational projects to serve the general public. PARTF is the primary...

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ATTACHMENT NB- 2C-1A

SUBCHAPTER 12K - PARKS AND RECREATION TRUST FUND GRANTS FOR LOCAL GOVERNMENT

SECTION .0100 - GENERAL PROVISIONS

15A NCAC 12K .0101 PURPOSE

The Parks and Recreation Trust Fund (PARTF), pursuant to G.S. 113-44.15(b)(2), is authorized to establish a matching grants program for qualified local governmental units for local park and recreation purposes. Annually, 30 percent of funds from PARTF will be allocated to local governmental units on a dollar-for-dollar basis. Grants shall be awarded by the Parks and Recreation Authority (Authority). The purpose of this Section is to set forth rules to govern the program.

History Note: Filed as a Temporary Adoption Eff. November 1, 1994, for a period of 180 days or until the permanent rule becomes effective, whichever is sooner;
Authority G.S. 113-44.15;
Eff. April 1, 1995;
Amended Eff. August 1, 1998.

15A NCAC 12K .0102 ELIGIBLE APPLICANTS

All county governments and incorporated municipalities of the State of North Carolina are eligible to submit applications. Public authorities, as defined by G.S. 159-7, are eligible applicants if they are authorized to acquire land or develop facilities for public recreation purposes.

- (1) Eligible applicants may apply jointly for a project.
- (2) School administrative units may submit a joint application with an eligible applicant for funding of facilities.

History Note: Authority G.S. 113-44.15;
Temporary Adoption Eff. November 1, 1994, for a period of 180 days or until the permanent rule becomes effective, whichever is sooner;
Eff. April 1, 1995;
Amended Eff. August 1, 1998;
Temporary Amendment Eff. December 9, 2002;
Amended Eff. April 1, 2003.

15A NCAC 12K .0103 FUNDING CYCLE

Annual funding schedule dates shall be the following:

- (1) An announcement letter describing the funding schedule and how to apply shall be mailed to all eligible applicants by November 1. This information shall be made available to other interested parties who contact the Department of Natural and Cultural Resources (Department) at: NC Division of Parks and Recreation, 1615 MSC, Raleigh, North Carolina 27699-1615 as well as on the following website: <http://www.ncparks.gov/partf>.
- (2) Local governments shall not request more than five hundred thousand dollars (\$500,000) in PARTF assistance with each application.
- (3) Applications shall be received by the Department or its designee no later than 5:00 p.m. of the deadline date stated in the announcement letter for the current grant cycle pursuant to Item (1) of this Rule. The Parks and Recreation Authority will set the deadline date for between January 31 and May 30. If the deadline falls on a weekend or holiday, applications shall be received by the Department no later than 5:00 p.m. on the following business day.
- (4) The Authority shall meet within 180 days of the application deadline to select projects for funding.

History Note: Authority G.S. 143B-135.56; 143B-135.200;
Temporary Adoption Eff. November 1, 1994, for a period of 180 days or until the permanent rule becomes effective, whichever is sooner;
Eff. April 1, 1995;
Amended Eff. August 1, 2016; June 1, 2004; August 1, 1998.

15A NCAC 12K .0104 APPLICATION SCHEDULE

History Note: Filed as a Temporary Adoption Eff. November 1, 1994, for a period of 180 days or until the permanent rule becomes effective, whichever is sooner;
Authority G.S. 113-44.15;
Eff. April 1, 1995;
Repealed Eff. August 1, 1998.

15A NCAC 12K .0105 EVALUATION OF APPLICATIONS

- (a) Each completed application shall be evaluated by the Department or its designee on the information provided in the application and in accordance with the PARTF criteria described in this Rule.
- (b) The Authority shall review the project evaluations and other relevant data prepared by the applicant and by Department staff. The Authority shall approve projects for funding.
- (c) If applicable to the project, the general criteria in Paragraph (d) of this Rule shall be addressed by the applicant. The Department or its designee shall review all applications for completeness. Incomplete applications shall be returned to the applicant.
- (d) The following general criteria shall be used to evaluate projects.
 - (1) New public recreation facilities provided by the project;
 - (2) The degree of local recreational planning for the project and how the specific elements in the project conform to the plan(s);
 - (3) The acquisition or the conservation of unique natural, cultural, recreational, or scenic resources;
 - (4) The level of public involvement in developing and supporting the project;
 - (5) The applicant's commitment to operating and maintaining the project; and
 - (6) The suitability of the site for the proposed project development.
- (e) The Authority shall also consider the following factors to evaluate projects: the geographic distribution of projects, the presence or absence of other funding sources, the population of the applicant, the level of compliance with prior grant agreements, the amount of funds available, and the amount of funds requested.

History Note: Authority G.S. 113-44.15;
Temporary Adoption Eff. November 1, 1994, for a period of 180 days or until the permanent rule becomes effective, whichever is sooner;
Eff. April 1, 1995;
Amended Eff. June 1, 2006; August 1, 1998.

15A NCAC 12K .0106 GRANT AGREEMENT

- (a) Upon Authority approval, a written agreement shall be executed between the grant recipient(s) and the Department.
- (b) The agreement shall define the Department's and grant recipient's responsibilities and obligations, the project period, project scope and the amount of grant assistance.
- (c) The approved application and support documentation shall become a part of the grant agreement.
- (d) State Clearinghouse environmental review comments made as a result of State Environmental Protection Act (SEPA) application review requirements shall be addressed by the applicant prior to execution of the project agreement. Projects judged to have a significant environmental impact shall submit an environmental assessment as required by SEPA.
- (e) The grant agreement may be amended upon mutual consent and approval by the Department and the grant recipient(s). The grant recipient(s) shall submit a written request to the Department. The Department shall approve the amendment if local circumstances justify the amendment request.
- (f) Projects may not begin until the Department and grant recipient(s) sign the agreement unless a waiver has been requested by the applicant in writing and approved by the Authority or its executive committee. Waivers may be granted only for land acquisition projects requiring action prior to the anticipated signing of the agreement. A waiver shall be in effect for 18 months from the date of approval. A project receiving a waiver shall not receive preferential treatment in funding decisions.
- (g) Following execution of the grant agreement, the Department shall reimburse the grant recipient for expenditures related to the project scope. All reimbursements shall be approved by the Department and shall total an amount that is less than or equal to the grant amount. The Department shall approve reimbursement requests for expenditures that are related to the project scope and occur during the project period. This provision is effective after the 2002-03 grant cycle.

(h) Complete accounting records including a certified project data sheet and performance report verifying eligible costs shall be submitted by the grant recipient(s) to the Department for approval prior to or at the time of the close-out inspection. The Department shall approve the accounting when the records are consistent with the project agreement and budget.

*History Note: Authority G.S. 113-44.15;
Temporary Adoption Eff. November 1, 1994, for a period of 180 days or until the permanent rule becomes effective, whichever is sooner;
Eff. April 1, 1995;
Amended Eff. August 1, 1998;
Temporary Amendment Eff. April 4, 2000;
Amended Eff. June 1, 2006; April 1, 2003; April 1, 2001.*

15A NCAC 12K .0107 MATCHING REQUIREMENTS

- (a) The applicant shall match PARTF funds on a dollar-for-dollar basis.
- (b) The appraised value of land that will be donated to the applicant may be used to match the PARTF grant.
- (c) The donor of the land must be an individual or private organization.
- (d) If a landowner sells land to the applicant for less than the appraised value, the amount of the donation is the difference between the appraised value and the amount paid by the applicant.
- (e) The value of capital improvements that are located on the donated land and will be used for public recreation may be included in the value of the donation.
- (f) Land that is transferred to the applicant due to a statute or rule is not considered a donation.
- (g) The applicant must receive a grant and sign the grant agreement before taking title to donated land.
- (h) Rule .0106 of this Section, of the PARTF administrative rules titled "Grant Agreement" also applies to donated land used as matching funds.

*History Note: Authority G.S. 113-44.15;
Temporary Adoption Eff. November 1, 1994, for a period of 180 days or until the permanent rule becomes effective, whichever is sooner;
Eff. April 1, 1995;
Amended Eff. August 1, 1998;
Temporary Amendment Eff. December 9, 2002;
Amended Eff. April 1, 2003.*

15A NCAC 12K .0108 ELIGIBLE PROJECTS AND COSTS

- (a) PARTF grants are awarded to grantees for projects that are for the sole purpose of providing local park and recreation opportunities to the public. Grantees may receive funds for the following types of projects:
 - (1) Acquisition. Fee simple acquisition of real property for future recreational development and to protect areas with natural or scenic resources.
 - (A) Grantees acquiring property for recreation development have up to five years from when the Authority and the applicant sign the grant agreement to begin developing recreation facilities.
 - (B) Grantees acquiring property to protect areas with natural or scenic resources must open these areas to the general public to the extent that the resources will not be impaired.
 - (2) Development. Projects for the construction, expansion, and renovation/repair of the following:
 - (A) Primary facilities including outdoor and indoor recreation facilities. Examples include camping facilities, picnic facilities, sports and playfields, trails, swimming facilities, boating/fishing facilities, spectator facilities, and gymnasiums.
 - (B) Support facilities and improvements such as roads, parking areas, accessibility features, utilities, landscaping, and other infrastructure projects, that would have little or no recreational value without the primary recreation facilities.
- (b) Other criteria for determining eligible projects and costs include:
 - (1) Only development on or acquisition of a single project site is eligible for PARTF assistance.
 - (2) Utility lines developed with PARTF assistance shall be placed underground.
 - (3) The following costs are eligible within the limits that are identified.
 - (A) Land acquisition costs such as appraisals, surveys, title work, and attorney fees.

- (B) Construction costs such as site planning, design drawings, construction drawings, preparing cost estimates, architectural and engineering fees, permits, construction management, and project inspection.
 - (C) The cost of preparing an application.
 - (D) The costs in Parts (A) through (C) of this Subparagraph shall not exceed 20 percent of the total cost of the project. These costs may be incurred within two years of the application deadline as well as during the project period.
 - (E) A contingency may be included in the development cost estimates, but shall not exceed five percent of total development costs.
- (4) PARTF-assisted facilities on school property shall not be recreational facilities generally provided by the school for the use of their students.

*History Note: Authority G.S. 113-44.15;
 Temporary Adoption Eff. November 1, 1994, for a period of 180 days or until the permanent rule becomes effective, whichever is sooner;
 Eff. April 1, 1995;
 Amended Eff. June 1, 2006; April 1, 2003; August 1, 1998.*

15A NCAC 12K .0109 SITE CONTROL AND DEDICATION

- (a) Land acquired with PARTF assistance shall be dedicated in perpetuity for local park and recreation purposes for the use and benefit of the general public. The dedication shall be recorded in the public property records by the grantee.
- (b) The site of a PARTF project for development shall be controlled (e.g. fee simple ownership or long-term lease) by the grantee by the closing date of the application submission period. Any lease agreement shall extend for a minimum of 25 years unless the property is the subject of a federal, state, or local leasing arrangement which provides assurance that 25 years of public recreational use will be maintained.
- (c) Grantees shall assure that PARTF assisted development facilities are maintained and managed for public recreation use for a minimum period of 25 years after the completion date set forth in the grant agreement.
- (d) PARTF-assisted land and facilities shall not be converted to uses that are other than public recreation without approval by DENR, in the following manner:
 - (1) A grant recipient shall notify DENR and request approval before any conversion occurs.
 - (2) The grant recipient shall address issues of local concern prior to forwarding a conversion request to DENR.
 - (3) DENR shall deny the request if it determines that the grantee has reasonable alternatives available to avoid the conversion.
 - (4) All conversions shall be mitigated with measures approved by DENR with advice from the Parks and Recreation Authority.
 - (5) The primary mitigation for a conversion is to have the grantee replace, at its own expense, land acquired with PARTF assistance with land of equal current fair market value and recreational usefulness. Facilities built with PARTF assistance shall be replaced with facilities of equal current replacement value, and recreational usefulness. Replacement areas shall also be within the grantee's service area; provide or be part of a viable recreation area; and be to the maximum extent possible, consistent with all current application requirements for a new PARTF application.
 - (6) Replacement property and facilities shall be encumbered by the same obligations as specified in the project agreement and rules for the converted property or facility.
 - (7) If DENR determines that the local government cannot reasonably replace the land or facilities, DENR may mitigate the conversion by the grantee repaying PARTF with funds equal to the current value of the land or facilities.
 - (8) DENR shall include provisions on conversions in all grant agreements.
- (e) A conversion is defined as the use of PARTF-assisted land or facilities for a purpose other than public recreation.
- (f) If PARTF-assisted facilities are built on public school property, the applicant(s) shall submit an agreement with the application describing that the facilities will be available to the general public during non-school hours. Projects on land owned by a school shall have sign(s) installed informing the public that the facilities are open to the general public. These signs shall also indicate the times when the facilities are reserved exclusively for school use.
- (g) Failure by the grantee(s) to comply with the provisions of this Section or the project agreement may result, in addition to any other legal remedies, in the Authority on behalf of the Department declaring the grantee(s) ineligible for further participation in the PARTF until such time as compliance has been obtained.

History Note: Authority G.S. 113-44.15;
Temporary Adoption Eff. November 1, 1994, for a period of 180 days or until the permanent rule becomes effective, whichever is sooner;
Eff. April 1, 1995;
Amended Eff. October 1, 2007; August 1, 1998.

15A NCAC 12K .0110 INSPECTIONS

- (a) The Department or its designee shall perform at least one progress inspection and a close-out inspection of the project site to ensure compliance with the grant agreement and eligibility of the grantee(s) for future program participation.
- (b) Grantees will be responsible for conducting periodic inspections (at least one every five years) to ensure compliance with the grant agreement and 15A NCAC 12K .0109 and submitting an inspection form with an affidavit verifying its content to the PARTF program office.
- (c) The Department or its designee will conduct random inspections to verify program compliance.

History Note: Filed as a Temporary Adoption Eff. November 1, 1994, for a period of 180 days or until the permanent rule becomes effective, whichever is sooner;
Authority G.S. 113-44.15;
Eff. April 1, 1995;
Amended Eff. August 1, 1998.

15A NCAC 12K .0111 PROGRAM ACKNOWLEDGMENT

History Note: Filed as a Temporary Adoption Eff. November 1, 1994, for a period of 180 days or until the permanent rule becomes effective, whichever is sooner;
Authority G.S. 113-44.15;
Eff. April 1, 1995;
Repealed Eff. August 1, 1998.



INCLUSIVE
PLAY

ATTACHMENT NB-2D-1

EVERY
DESERT
THE CT
TO PLA
TO GET

CHILD VES TANCE Y HER



**LIVE WITH
SEVERE
DISABILITY**



ONLY 5% ARE MOBILITY IMPAIRMENTS



Source: Census.gov

FIVE FUNDAMENTALS FOUND IN EVERY PLAYGROUND FOR ALL

A Miracle Playground for All invites and welcomes everyone of different ages and abilities, not just children. This includes families with children and parents who have sensory-processing disorders, autism, and people of all ages in wheelchairs or other mobility devices. Each Miracle Playground for All is designed to welcome everyone and supports the following five fundamentals:



1

Provide multi-sensory play experiences

- Vestibular (movement and balance)
- Proprioceptive (body position)
- Tactile (touch)
- Auditory (hearing)
- Visual



2

Encourage all children to play

- Providing a graduated range of challenge
- Grouping similar equipment together
- Offering equipment for multiple age groups
- Providing real choices of play for each child



3

Allow greater accessibility

- Protective, shock-absorbing unitary surfacing
- Wide movement routes
- Smooth, even transitions on and off equipment



4

Ensure kids do not get overwhelmed

- Offering cozy, quiet spaces
- Establishing perimeter paths and fences
- Providing a wayfinding system that includes an orientation path



5

Create welcoming social environments

- Solitary play
- Onlooker play
- Parallel play
- Associative play
- Cooperative play

1

Fundamental 1: Provide Multi-Sensory Play Experiences

PLAYGROUNDS FOR ALL ARE MULTI-SENSORY



Tactile

The tactile system is our ability to interpret the world through our touch. It allows us to figure out what is hot/cold, rough/smooth, or bumpy through our hands, our feet, our skin, and our entire body. Our Sensory Maze enables children to use their tactile and visual sensory systems through a unique and fascinating play experience.



Vestibular

This system explains the perception of our body in relation to gravity, movement and balance. The Accelerator Swing, Accessible Whirl, Alta-Glide, and other swings provide wonderful vestibular input. Did you know that 15 minutes of vestibular activity can impact the brain for 6-8 hours?



Visual

Sight or vision is the ability of our eyes to focus and detect images of visible light and recognize varying colors, hues, and brightness. Visual perception is how the brain processes these impulses — recognizing, differentiating and interpreting visual stimuli through comparison with experiences made earlier in life.



Sensory Play is crucial to EVERY child's development and growth:

- Builds connections in the brain's pathways, helping a child to complete more complex learning tasks
- Develops language skills, academic growth, fine and gross motor skills, motor-planning skills and other executive function skills
- Enables children to practice social interaction
- Calms an overwhelmed, anxious or frustrated child
- Teaches children about differentiating different sensory cues (hot, cold, loud, soft, rough, smooth)



Proprioceptive

Proprioception is very important as it lets us know exactly where our body parts are, how we are positioned in space and how to plan our movements. Our wide range of climbers and overhead events enable all children, regardless of their gross motor abilities, to experience proprioceptive input.



Olfactory

The sense of smell can be stimulated at a playground by adding a sensory garden, which can also engage the senses of touch and vision, sometimes even taste.



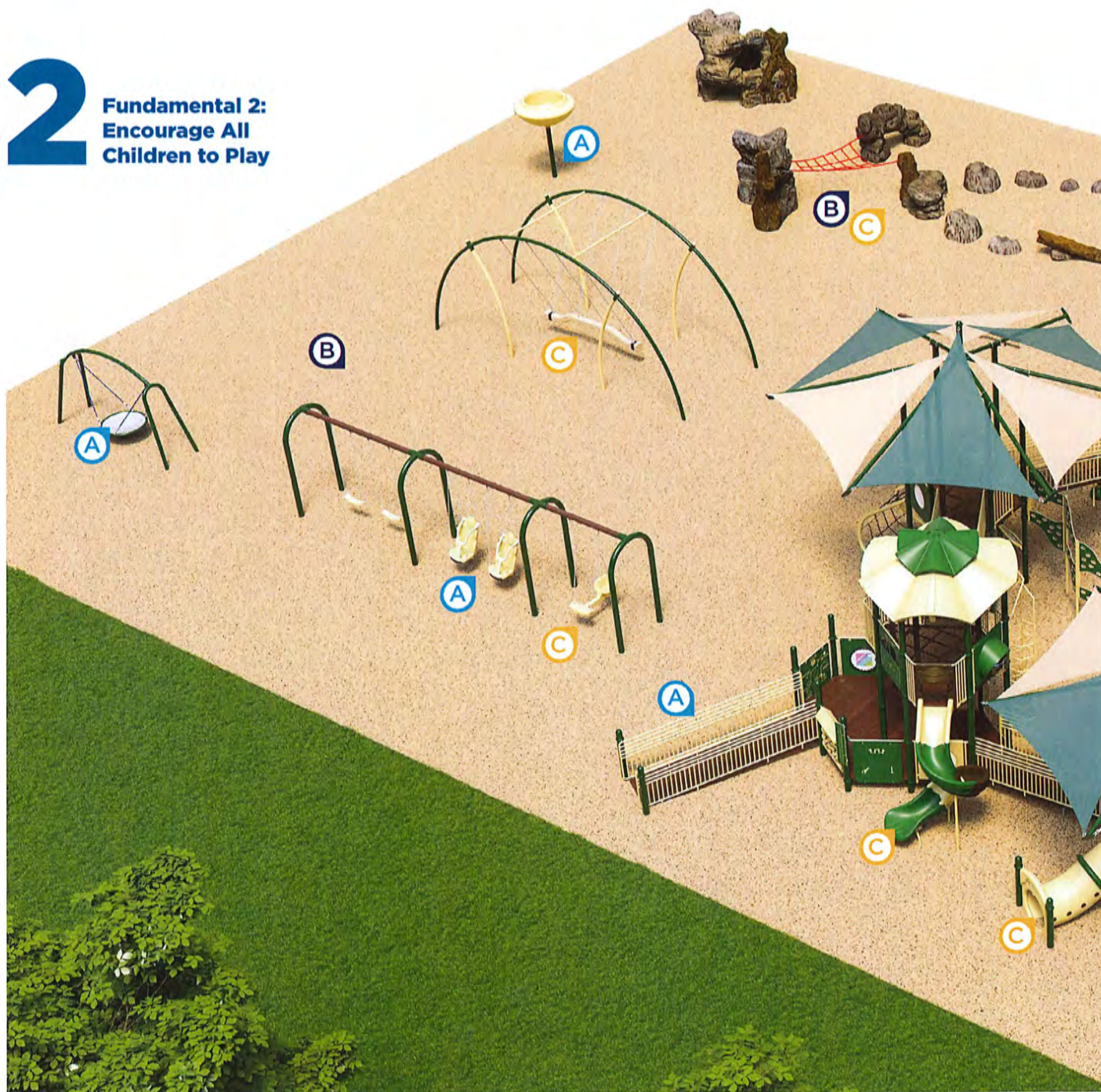
Auditory

Hearing is the ability to perceive sound by detecting vibrations and changes in the pressure in the ear. Our musical instruments, auditory play panels and Fun Fones help children to recognize and differentiate sound stimuli. And they are FUN!



2

Fundamental 2: Encourage All Children to Play



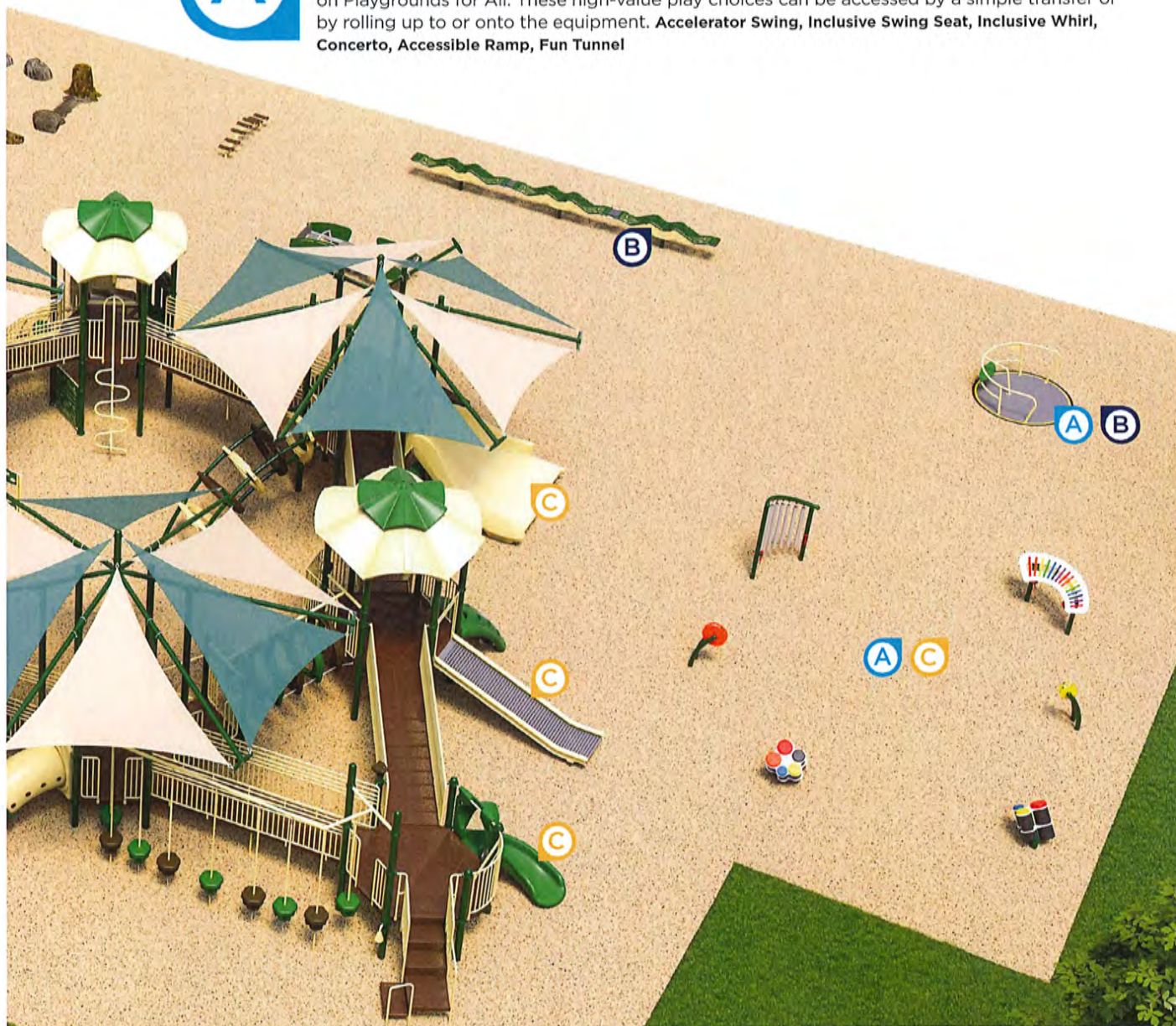
PLAYGROUND DESIGNS THAT BRING KIDS CLOSER TOGETHER

A key fundamental of a Playground for All is to encourage children of all ages and abilities to play, to be challenged, and to have fun. We use the following three strategies to choose and lay out equipment in ways that encourage social interaction:



Real Play Choices

We ensure that everyone gets to play by providing real play choices for people who use mobility devices. There are always multiple places for children who use wheelchairs to play on Playgrounds for All. These high-value play choices can be accessed by a simple transfer or by rolling up to or onto the equipment. **Accelerator Swing, Inclusive Swing Seat, Inclusive Whirl, Concerto, Accessible Ramp, Fun Tunnel**



Grouping Similar Play

We encourage all children to play together by grouping similar types of play — we put all the swings together, all the spinners together, all the climbers together, etc. Each play grouping provides three graduated levels of challenge — one easy, one very challenging and one in between. These groupings enable everyone to participate in the same type of play together, which allows for peer learning. In this design, there are three play groupings — one for swinging, one for climbing, and one for balancing/spinning. **Swings, Spinners, Reflex, Rocks**



Play for Children of All Ages

On Playgrounds for All, we want to make sure that children of all ages will enjoy playing at the playground. This isn't a playground for just one age group. We have found that older children love playing on the Viper and Accelerator Swing and are challenged by the boulders. Younger children love to play with their parent on the Generation Swing and challenge themselves to go up the ramp and down a slide. Everyone, including adults, loves creating music with the Concerto instruments. **Viper, Accelerator Swing, Rocks, Concerto, Generation Swing, Slides**

3

Fundamental 3: Allow Greater Accessibility

Playgrounds for All go far beyond the Americans with Disabilities Act regulations by providing: wide routes (A), flush transitions (B), and unitary surfacing (C). The travel routes around and through the playground and surrounding areas are wide enough for people and wheelchairs to pass, transfer onto and off of equipment, and get close to activities. Protective surfacing forms a unitary shock-absorbing surface. The pour-in-place rubber surfacing here makes it easier for wheelchairs and strollers to enter and navigate in the playspace, unlike Engineered Wood Fiber or other loose materials.



Wide Routes



Flush Transitions



Unitary Surfacing



Fundamental 4: Ensure Kids Do Not Get Overwhelmed

Playgrounds can overload the sensory systems of children, including many with autism and sensory processing disorders. An orientation path (D) around the play area lets children decide how much sensory input they can handle. Cozy, quiet spaces (E) give children overwhelmed by playground noise and stimulation comforting places to rest and recover. Site amenities (F) like benches and tables allow caregivers to watch from a safe distance, while providing opportunities for social interaction and onlooker play. Shade (G) also provides important protection against harmful UV rays — some medications make those with epilepsy, cerebral palsy and autism extremely sensitive to sunlight.



Orientation Path



Cozy/Quit Spaces



Site Amenities



Shade



Some children on the autism spectrum run suddenly when overstimulated by activity or noise. Perimeter fences around the playgrounds allow parents and caregivers to relax while keeping children safe.

5

Fundamental 5: Create Welcoming Social Environments

TYPES OF SOCIAL PLAY

Solitary Play

At the Solitary Play stage, children are very busy exploring and discovering their new world. They tend to play alone regardless of whether other children are in the same area. Children can engage in Solitary Play in many areas of the playground.

Cooperative Play

This stage becomes quite apparent when children have acquired the skills to interact together for the purpose of play. Speaking and listening skills are more developed, so children can communicate with each other. Children can share ideas and tell each other what to do. Communication about play is the critical skill of Cooperative Play. We see Cooperative Play on see saws, group spinners, and game play.

Parallel Play

The two kids are playing next to each other, so this is Parallel Play. Children play next to each other simply because they are in the same area but they are engaged in their own activities. They play side-by-side, watch and listen to each other. Parallel Play often occurs on climbers, swings, and slides.

Onlooker Play

Onlooker Play is when the child watches others at play but does not engage in it. The child may engage in forms of social interaction, such as conversation about the play, without actually joining in the activity. We place equipment into groups to encourage Onlooker Play. Children can watch how more experienced children play on the equipment and when they are ready can try it themselves.

Associative Play

In Associative Play, children are still playing independently but often do the same thing as other children. For example, if one child puts on a dress-up outfit, another child will put one on also. The children will begin to interact through talking, borrowing and taking turns with toys, but each child acts alone. We see a lot of Associative Play with sand and water play and around pretend play pieces of equipment.



Solitary Play





Onlooker Play



Associative Play



Cooperative Play



Parallel Play



OUR TOP INCLUSIVE PRODUCTS

The inclusive products found in Playgrounds for All are designed to support the five fundamentals and engage children by challenging them to solve problems, practice social skills, boost self-confidence and explore spatial awareness. Following are several of our top inclusive products, which are designed to help captivate every child's imagination and help them develop their abilities in any playground environment.

Five Fundamentals of Playgrounds for All

Look for the Fundamental number on each product.

- 1 Provides multi-sensory play experiences
- 2 Encourages all children to play
- 3 Allows greater accessibility
- 4 Ensures kids do not get overwhelmed
- 5 Creates welcoming social environments



Concerto

Concerto instruments help us meet the fundamental of “encourage all children to play,” as they are enjoyed by everyone including older adults, people with disabilities and very young children. This unique play experience connects people in outdoor environments in new and interesting ways. Concerto creates accurate musical tones with musical instruments that enable you to perform real songs. An angled design also allows all children to join in on the music making.

1 2 3 5



Sensory Maze

1 2 3 4 5

Designed by a child development expert, the Miracle Sensory Maze combines the challenge of a traditional maze with imaginative play that enriches and thrills the senses. Children and adults of all ages and abilities, including those with sensory disabilities, can explore the distinctive textures, shapes and translucent colors of these reconfigurable panels by look and by feel, as a group or individually in their own, unique way. Those easily overstimulated by noise or activity can also find comfort in cozy, quiet spaces located throughout the maze.



Dr. Tina Stanton is Associate Director of the Early Childhood Education and Human Development program at the University of Cincinnati and is on the Fulbright Specialist Roster for the US Department of Defense in the area of Education. She earned her PhD in Education and Human Development with a concentration in Special Education from Vanderbilt University. Dr. Stanton is also Associate Editor of the Journal of Early Intervention and the Journal of Remedial and Special Education and has authored articles in more than 50 top early childhood and special education journals.



Alta Glide Inclusive Glider

This swaying, bouncing, wheelchair-accessible glider makes play exciting for all kids. The push-pull motion helps kids develop balance, coordination, eye tracking and muscle tone. Wheelchair access ensures that all children have the chance to feel the exhilaration of moving through space in fun, enriching ways.

1 2 3 5



Inclusive Whirl

Now children of all abilities can enjoy the thrills of spinning together. This inclusive spinner is built level with the ground, making it easy to board with space for up to two wheelchairs at once. An additional single seat provides extra physical support for kids or caregivers, while kids of different heights can hold on securely to sloping handrails.

1 2 3 5



Ten Spin

This popular, freestanding event allows children of all abilities to join in the fun by either sitting, kneeling, or standing. In addition to the benefits of the rotary motion to support balance, the shaped, deep seats offer postural support, providing helpful boundaries for children who need help recognizing and adjusting the position of their bodies.

1 2 5

Viper

The Viper is a giant in-line rope swing designed for a single or multi-user experience. It combines balancing, swinging and rocking movements with play interaction. Unlike traditional swings, Viper promotes cooperative play requiring teamwork and balance. Enjoyed by people of all ages, the open design enables a parent or caregiver to easily supervise and provide additional support as needed.

1 2 5



Inclusive Swing Seat

This snug, supportive seat offers all children a high-flying ride while helping them coordinate head and eye movements, stay upright against gravity, develop balance and equilibrium and coordinate actions on the right and left sides of the body.

2 3



Accelerator Swing

Built with a large disc and protective rubber bumper, this group swing incorporates the motion of a traditional swing with the added fun of interactivity. The Accelerator Swing helps activate and integrate the important sense of movement and gravity — the vestibular sense. Children can sit or lay on the swing and adults can join in the fun and provide additional support for a child.

1 2 5





Roller Slide

The Roller Slide lets kids experience a new tactile way to slide with the added movement and texture of rollers beneath them. The Roller Slide offers a tactile component combined with both movement — activating the vestibular sense — and sensation to muscles and joints, providing proprioceptive input.

1



Reflex

Children can ride the waves and enjoy the up-and-down motion of the Reflex. Multiple children can work together to achieve a smooth, swaying movement. The up-and-down movement that is hard to find on most playground equipment not only provides crucial vestibular sensation but also supports the development of balance, postural control and core strength and position awareness.

1 2 5



GlideAlong

Part swing, part track ride, the GlideAlong provides a swift, smooth glide back and forth suspended along an overhead rail. Each bay seats one rider on either a standard disc-style or an Inclusive Swing Seat. The accessible seat features an over-the-shoulder restraint with a high-angled back and contoured sides for added support. The GlideAlong helps activate and integrate the important sense of movement and gravity in new and interesting ways. Connect the multiple bays so riders can enjoy a thrilling parallel play experience.

1 2 5

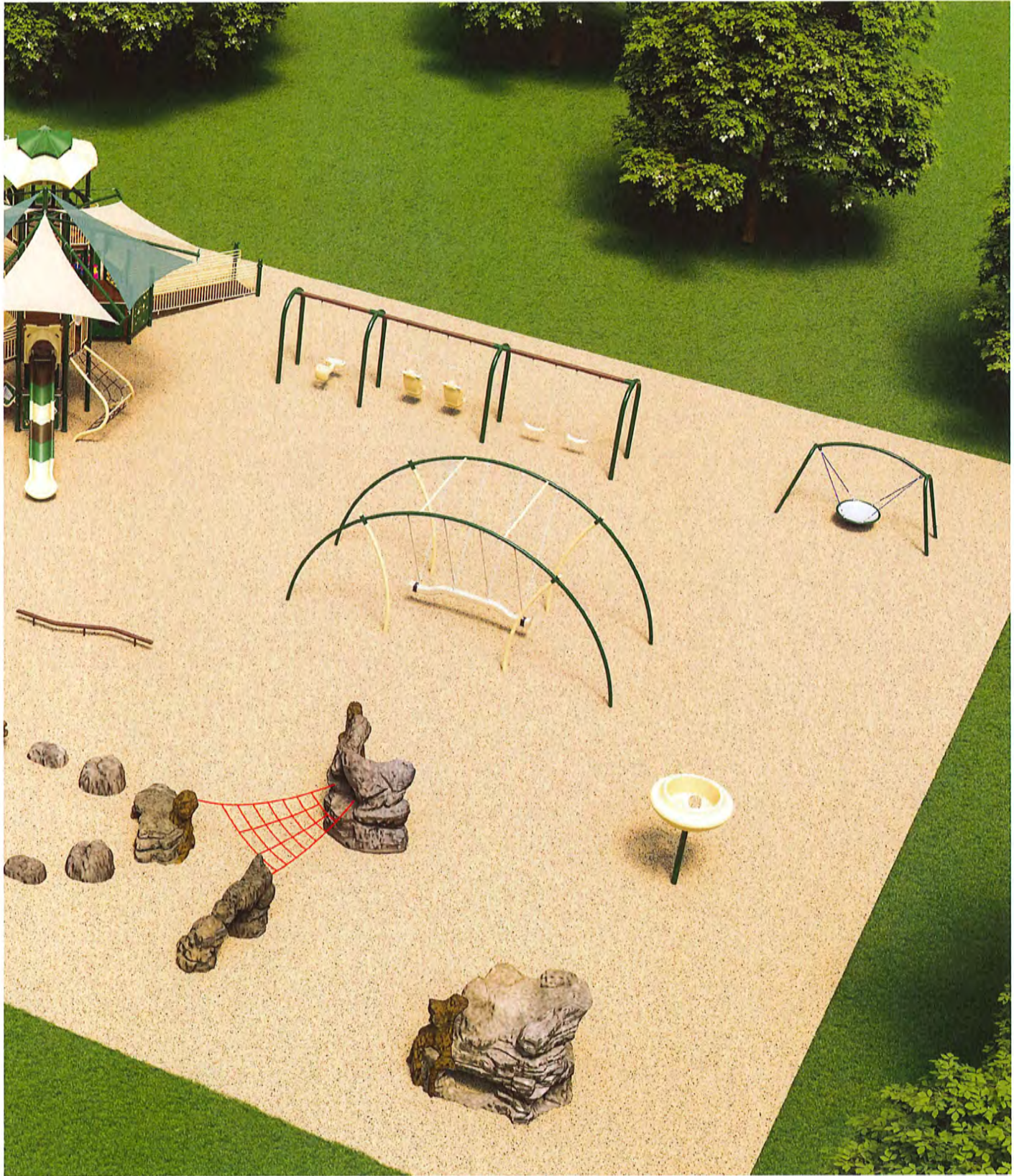


CREATE PLAYGROUNDS THAT WELCOME EVERYONE

Following the Five Fundamentals of Playgrounds for All will help make any playground more inviting and attractive at any price point. Just choose the design and equipment that's right for you — opening up your playground to all ages and abilities gives you additional opportunities to make play a more successful and rewarding experience for everyone.

Pre-Design CD223224

This pre-design incorporates many different Miracle inclusive products, including: Accelerator Swing, Avalanche Inclusive Slide, Buddy Rocker, Concerto, Dome Climber with Orbs, Fun Tunnel, Inclusive Whirl, Interactive Play Panels, Reflex, Roller Slide, Inclusive Swing Seat, Viper



Product Number	Ages	Protective Area	Elevated Activities	Ground Activities	Capacity
CD223224	5-12	157' X 100' (48m X 30.5m)	34	36	420-430



All equipment on this page meets ADA and IPEMA requirements. Miracle® strongly suggests that a safety sign stating age appropriateness and safety rules be displayed on every playground. An appropriate energy-absorbing surface is required under all play equipment. Actual colors may vary. Please contact your Miracle representative for inclusive fencing options, sold separately.



Pre-Design CD223060

This suggested play environment incorporates top Miracle inclusive products, including: Alta Glide Inclusive Glider, Buddy Rocker, Concerto, Interactive Play Panels, Ten Spin, Inclusive Swing Seat



Use this pre-design example to build your own inclusive play environment, or create your own Playground for All with Miracle inclusive products. Remember to consider the Five Fundamentals of Playgrounds for All and to provide adequate shade to protect against harmful UV rays.

Product Number	Ages	Protective Area	Elevated Activities	Ground Activities	Capacity
CD223060	5-12	133' X 93' (41m X 28m)	0	26	115-125



All equipment on this page meets ADA and IPEDS requirements. Miracle® strongly suggests that a safety sign stating age appropriateness and safety rules be displayed on every playground. An appropriate energy-absorbing surface is required under all play equipment. Actual colors may vary. Please contact your Miracle representative for inclusive fencing options, sold separately.



Work with the experts on inclusive play.

Each local Miracle representative is required to complete training in ADA and accessibility standards and guidelines, the Five Fundamentals of Playgrounds for All, playground surfacing safety requirements, universal design and understanding the needs of people with disabilities.

For more information, contact your local Miracle representative or visit Miracle-Recreation.com

Toll Free 1-888-458-2752
International +1-417-235-6917
Fax +1-417-235-3551

878 E Highway 60
Monett, Missouri, USA 65708
Miracle-Recreation.com

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