

Morton Grove Park District

6834 Dempster Street • Morton Grove, Illinois • 60053 847/965-1200



Morton Grove Park District
6834 Dempster, Morton Grove, IL 60053
Committee of the Whole
January 6, 2016 at 6:30 p.m.

AGENDA

Call to Order

Roll Call

Public Comment

Administration and Finance Committee – Commissioner Ashta, Chair

General Obligation Bond Discussion

Disposal Ordinance

Recreation and Facility Program Committee – Commissioner Coursey, Chair

Thor Guard Purchase

Parks and Facilities Maintenance Committee – Commissioner Manno, Chair

Harrer Pool Repairs

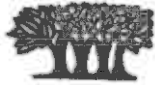
General Discussion

Overhill and Oriole Park Playground Concept Review

Executive Session

I make a motion for the Board to go into closed session in accordance with the Open Meetings Act section 120/2.(c)(1) and section 120/2.c (11).

Adjournment



Morton Grove
Park District

Memorandum

To: Board of Park Commissioners
From: Martin O'Brien, Finance Manager
Date: January 6, 2016
Regarding: General Obligation Bonds

Issue:

The Park District has approved the intent to issue \$2,000,000 in General Obligation Limited Tax Bonds.

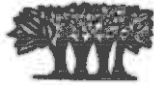
Discussion:

We are approaching the time that we must sell general obligation bonds. The deadline to complete this transaction is February 28, 2016. Currently there are several options we are considering:

1. Use the bond proceeds for all new capital items
2. Use a part of the bond proceeds to advance refund a portion of the Oriole Pool bonds

Park Board Action:

Discussion to determine the direction to proceed.



Morton Grove
Park District

Memorandum

To: Board of Park Commissioners
From: Jeff Wait, Executive Director
Date: January 6, 2016
Regarding: Disposal Ordinance #O-01-16

Issue:

Prior to the disposing or selling of the district's personal property, the Board must approve an ordinance specifying the property being disposed and the method(s) of disposal.

Discussion:

As we continue to take inventory of the Administrative, Maintenance and Recreation Departments we find obsolete items which need to be disposed and therefore request a disposal ordinances. (Ordinances for special disposals of property are presented to the Board on an as-needed basis.)

In accordance with state law (as specified in Section 8-22 of the Park Code), "if the District owns personal property that is no longer necessary, useful to, or in the best interest of the District, three-fifths of the Board may authorize the disposal, trade-in, donation, or sale of the property in any designated manner (with or without advertising the sale) by passage of an ordinance". Disposal of any equipment will be in compliance with local, county, and state regulations.

Park Board Action:

To approve Ordinance #O-01-16 for the disposal, donation, trade-in, or sale of listed items and authorizes the Park Board President and Secretary to execute said ordinance.

MORTON GROVE PARK DISTRICT

Ordinance #O-01-16

AN ORDINANCE AUTHORIZING AND PROVIDING FOR THE SALE OR OTHER CONVEYANCE OF SURPLUS PERSONAL PROPERTY OF THE MORTON GROVE PARK DISTRICT, COOK COUNTY, ILLINOIS.

WHEREAS, the Morton Grove Park District, Cook County Illinois, (Park District) owns the following used computer, mechanical and recreation equipment:

Afico 150 copier #H43 01200248, Afico SPC22 copier #S3088700434, HP1005 printer #VND3912976, PAL pool aquatic lift #4100 Model #200-0000, Marvel Mini Fridge brown exterior (no serial number found), Maytag Performer Refrigerator #PTB15536R, Whirlpool dryer #WGD5200VQ1, General Electric dryer # DDE8200PBCWH, Pool slide, Tahoe, Style Rite stainless steel sink, 4 handicap stairs, Bannerman Ball Diamond Groomer #201370, Broyhill paint line striper, Newstripe All Pro II Paint line striper – four wheel motorized unit, Acer Computer #33803857496, Gateway Monitor #M1388Bon0294, Shelf Doors no longer used, Black Chair, APC Battery back-up #BR1500, Tatung Heat Devil #10726254, 2 blue leather club chairs, 2 beige leather club chairs, 1 beige leather ottoman, 1 red leather couch

WHEREAS; pursuant to Section 8-22 of the Park District Code (70 ILCS 1205/8-22) (“Code”); every park district is authorized to sell or convey any personal property that in the opinion of three-fifths of the members of the Board of Park Commissioners then holding office is no longer necessary; useful to; or for the best interests of the park district; and

WHEREAS; the Board of Park Commissioners of the Park District (“Board”) has reviewed a staff report finding that the equipment is no longer necessary; useful to or in the best interest of the Park District and recommending its disposal; sale; donation or trade and the Board concurs with the findings and recommendations contained in the staff report.

NOW; THEREFORE; IT IS HEREBY ORDAINED by the Board of Park Commissioners of the Morton Grove Park District; Cook County; Illinois as follows:

Section 1. The Board finds that all of the recitals contained in the preamble to this Ordinance are true and correct and does hereby incorporate them in this Ordinance by this reference.

Section 2. The Board finds that the equipment is no longer necessary; useful or for the best interests of the Park District and declares it to be for the best interests of the Park District and its residents to dispose of the equipment in the terms set forth in the staff report.

Section 3. The Board authorizes and directs the Executive Director of the Park District to take such action necessary to dispose of the equipment as herein authorized.

Section 4. This Ordinance shall be in full force and effect after its adoption as provided by law.

Adopted this 20th day of January, 2016; by the affirmative vote of three-fifths of the members of the Board of Park Commissioners.

Ayes: _____

Nays: _____

Absent: _____

President; Board of Park Commissioners
of the Morton Grove Park District

ATTEST:

Secretary; Board of Park Commissioners
of the Morton Grove Park District

[SEAL]



Memorandum

To: Board of Park Commissioners
From: Michael Hayes, Superintendent of Recreation
Date: January 6, 2016
Regarding: Thor Guard Lightning Warning System

Issue:

Predicting when lightning could occur is a challenge and often is accompanied by human error due to uncertainties in the decision making process.

Discussion:

Lightning deaths are becoming a more common occurrence, due to increased outdoor activities. The National Weather Service estimates that 24,000 people are killed by lightning around the world each year and 240,000 are injured. Lightning detection is available to help safeguard against death and injury, but many warning systems only alert to the presence of lightning for detection.

The Thor Guard Lightning Warning System is a sole provider for advanced notification. Thor Guard accomplishes this by monitoring the increase or decrease of electromagnetic disruptions to detect when conditions are favorable for lightning. Thor Guard will then activate a flashing strobe and a 15-second, high-pitched horn. These audio and visual features occur the specific site when conditions are favorable for lightning to alert the public to take shelter. After 20 minutes without electromagnetic disruptions an all clear is announced. This all clear comes in the form of three short five-second sound bursts. The strobe will also stop flashing. Thor Guard not only helps safe guard life, but will help staff to make sound decisions during questionable times, eliminate human error and any doubts about when to close a facility or cancel a program. In addition, staff will know when to safely open facilities or operate programs.

Thor Guard conducted a study of the park system and determined two base locations are needed in order to provide accurate blanket coverage. The base stations scan the atmosphere and send wireless data in a one mile radius to surrounding parks and facilities that are equipped with satellite receivers. Attached, is a map detailing the aerial coverage that Thor Guard will be providing. The base stations are hard wired into the local power supply and come with an extensive back up battery in the event of a power loss. The satellite receivers run off solar power, therefore a local power supply is not needed. Satellite locations also have a built in battery power supply.

Cost for Thor Guard equipment and installation:

Base Stations	Additional Twelve Parks	Total Cost
\$24,850.00	\$46,800	\$71,650.00

Thor Guard is the world leader and nationally used provider in lightning prediction and warning systems. Their technology is highly encouraged for all recreational organizations. The system could be fully installed and operationally by April 1, 2016 and would be launched with a public campaign in an effort to increase awareness to our residents and affiliate organizations.

Additional benefits of the Thor Guard:

- No operation fees
- Ability to set operational hours to mirror the park or facility hours
- Staff are notified of alerts via computer, tablet or smart phone
- Thor Guard has a 5 year warranty on software and a 2 year warranty on hardware

Park Board Action:

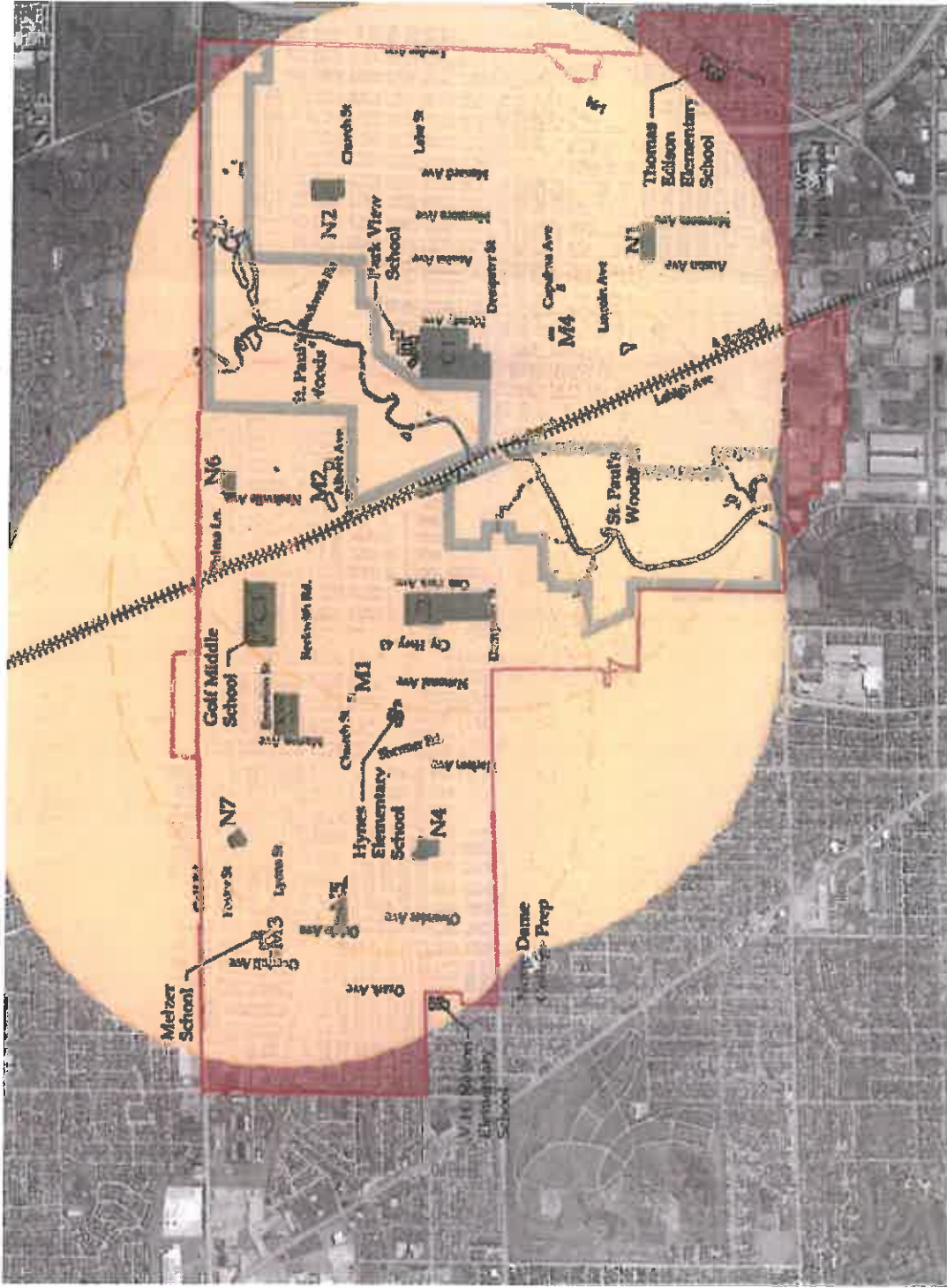
Staff recommends the Board of Park Commissioners approve the purchase and installation of the Thor Guard Lightning Warning System to provide full coverage throughout the park system.

- Community Park:**
- C1 – Harrer Park (B)
 - C2 – Prairie View (R)
 - C3 – Frank Hren Park (R)

- Neighborhood Parks:**
- N1 – Austin Park (R)
 - N2 – Mansfield Park (R)
 - N3 – National Park (B)
 - N4 – Oketo Park (R)
 - N5 – Oriole Park (R)
 - N6 – Palma Lane Park (R)
 - N7 – Sherner Park (R)

- Mini Parks:**
- M1 – Arnum Park (R)
 - M2 – Jacobs Park (R)
 - M3 – Overhill Park (R)
 - M4 – Pioneer Park (R)

(B) = Thor Guard Base Station
 (R) = Thor Guard Satellite Receiver





THOR GUARD LIGHTNING WARNING SYSTEM

LIGHTNING DETECTION TECHNOLOGY

Traditional Providers

- ▶ Do not give advanced notification as they operate off of the fundamental premise that an alert is needed only when lightning is present

Thor Guard

- ▶ Operates at the presences of lightning
- ▶ Monitors the increase and decrease in electromagnetic disruptions within the atmosphere to detect when conditions are favorable for lightning. This makes them the solo provider for advanced notifications

THOR GUARD ALERTS

The Warning

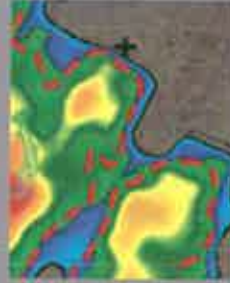
- ▶ A flashing strobe and 1.5-second, high pitched horn
 - ▶ These audio and visual features occur at each site with Thor Guard equipment

The All Clear

- ▶ After 20 minutes without electromagnetic disruptions an all clear is announced in the form of three short five-second sound bursts

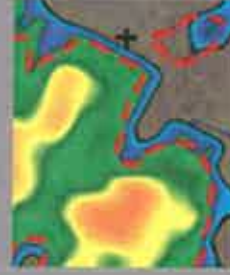
THOR GUARD ALERTS

THOR GUARD:
CAUTION
Competition:
ALL CLEAR



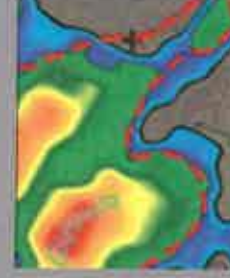
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THOR GUARD:
WARNING
Competition:
ALL CLEAR



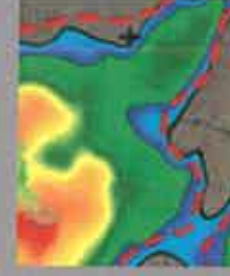
5:15 PM CDT

THOR GUARD:
RED ALERT
Competition:
ALL CLEAR



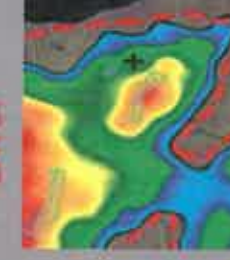
5:21 PM CDT

THOR GUARD:
RED ALERT
Competition:
ALL CLEAR



5:27 PM CDT

THOR GUARD:
RED ALERT
Competition:
RED ALERT
LATE!



5:33 PM CDT

EQUIPMENT

- ▶ Thor Guard conducted a study and determined:
 - ▶ Two base locations are needed for accurate coverage
 - ▶ The base stations scan the atmosphere for electromagnetic disruptions and send wireless data in a one mile radius to surrounding parks equipped with satellite receivers
 - ▶ Base stations are hard wired into the local power supply and come with a back up battery
 - ▶ Satellite receivers run off solar power and also have a built in back up battery

BASE & RECEIVER LOCATIONS

Community Parks:

- C1 – Harris Park (B)
- C2 – Prairie View (R)
- C3 – Frank Meun Park (R)

Neighborhood Parks:

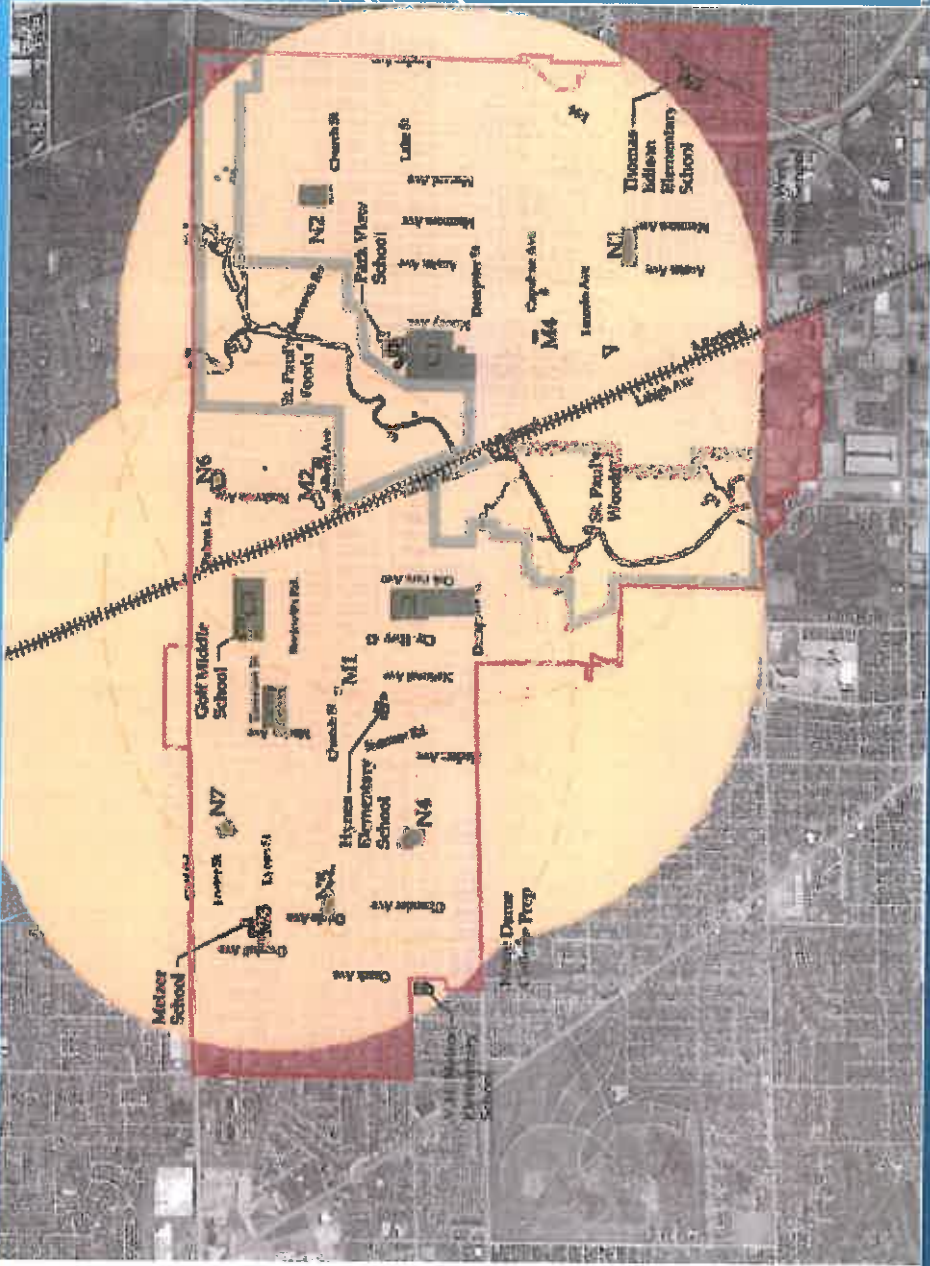
- N1 – Austin Park (R)
- N2 – Mansfield Park (R)
- N3 – National Park (B)
- N4 – Oketo Park (R)
- N5 – Ortle Park (R)
- N6 – Palma Lane Park (R)
- N7 – Shermer Park (R)

MilP Parks:

- M1 – Annun Park (R)
- M2 – Jacobs Park (R)
- M3 – Overhill Park (R)
- M4 – Pioneer Park (R)

(B) = Thor Guard Base Station

(R) = Thor Guard Satellite Receiver



PRICING, INSTALLATION AND AWARENESS

Pricing

- ▶ Two Base Stations \$24,850.00
- ▶ 12 Satellite Receivers \$46,800.00
 - ▶ Total System Cost \$71,650.00

Installation and Awareness

- ▶ Our goal is to have the system installed by April 1, 2016
- ▶ Launch a public awareness campaign for residents and affiliate organizations

BENEFITS

- ▶ Safeguards human life
- ▶ Assists staff with decision making during questionable times
- ▶ Eliminates human error and any doubts
- ▶ No operation fees
- ▶ Ability to set operation hours
- ▶ Staff are notified of alerts via computer, tablet or smart phone
- ▶ Thor Guard has a 5 year warranty on software and a 2 year warranty on hardware
- ▶ **Advanced notification!!!**



Morton Grove
Park District

Memorandum

To: Board of Park Commissioners
From: Greg Jayne, Superintendent of Parks & Facilities
Date: January 6, 2016
Regarding: Harrer Pool Repairs

Issue:

Due to the age of the facility and the loss of approximately 12,000 gallons of water per day, a contractor was hired to perform tests on the pipes at Harrer Pool. The return and supply pipes were pressure tested and inspected with cameras.

Discussion:

Several areas of pipe have separated causing leakage and a 30' crack is suspected in a return pipe. The base proposal includes repairing two sections that have separated and to verify and repair the 30' crack, if necessary. The plumber will minimize damage to the pool deck, however, any repairs that are needed to the deck are included in the price.

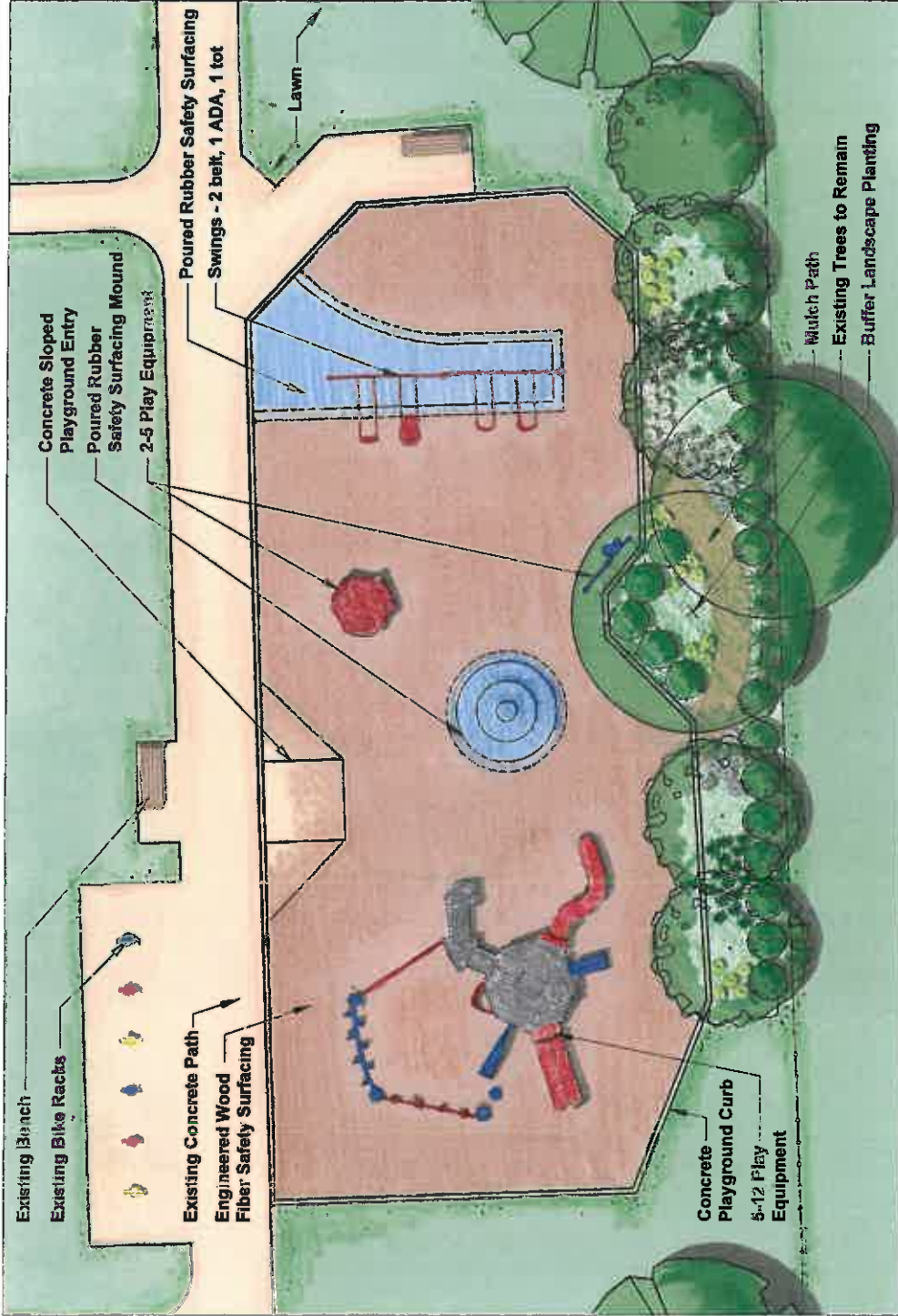
Park Board Action:

Staff recommends the Park Board approve the proposal from DeFranco Plumbing of Palatine, IL in the amount of \$9,950 to repair two sections of pipe and \$7,900 to replace a 30' section of return pipe, if necessary.

Oriole Park Option 1

Slu
landscape structures
CREATIVE PRODUCTS
PLAY SYSTEMS (800) 236-8197





Site Plan

Morton Grove
Park District



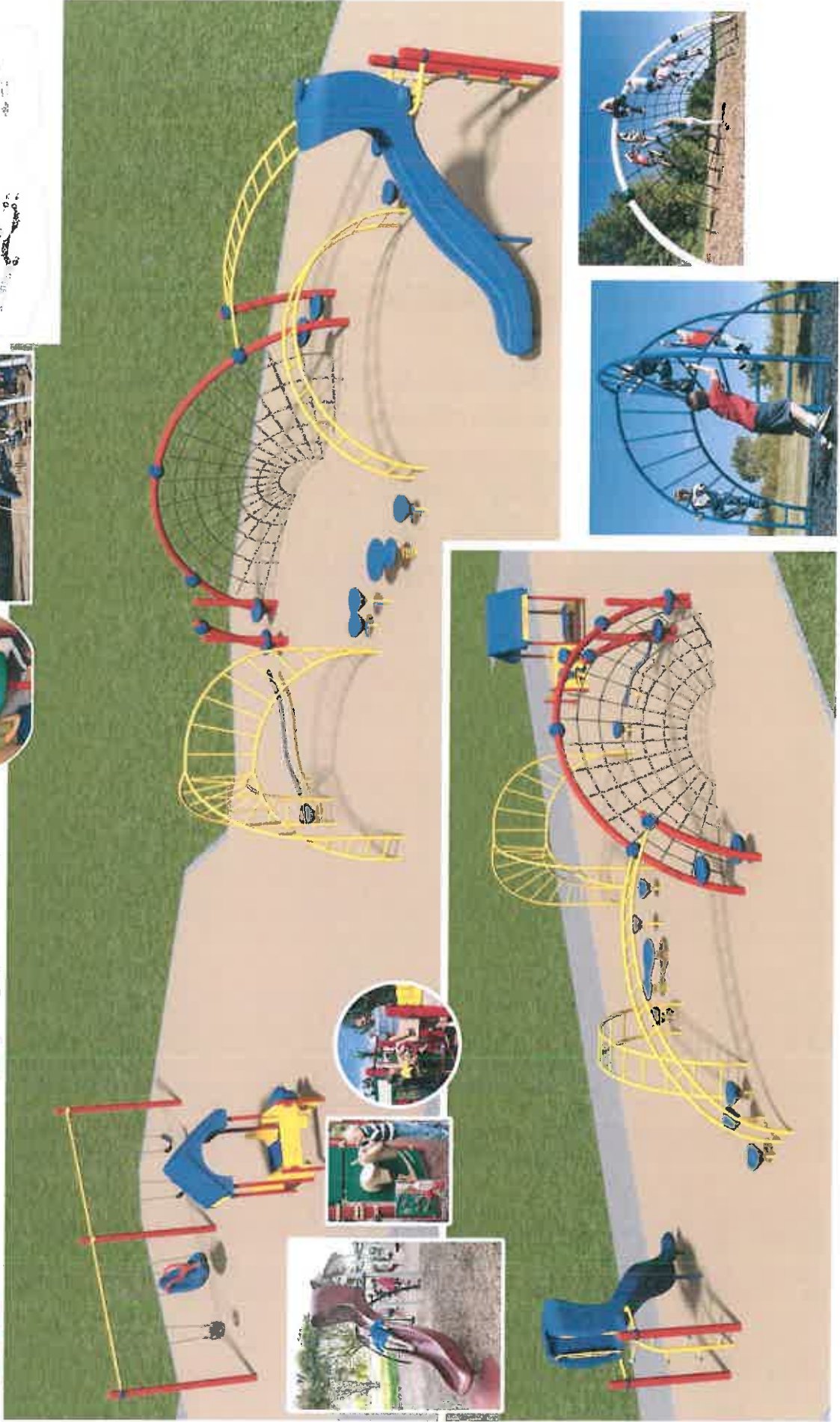
UplandDesign Ltd
Landscape Architecture & Park Planning
84 W Randolph St, Chicago, Illinois 60604
2020 W Randolph St, Chicago, Illinois 60604
815-254-4081 www.uplanddesign.com

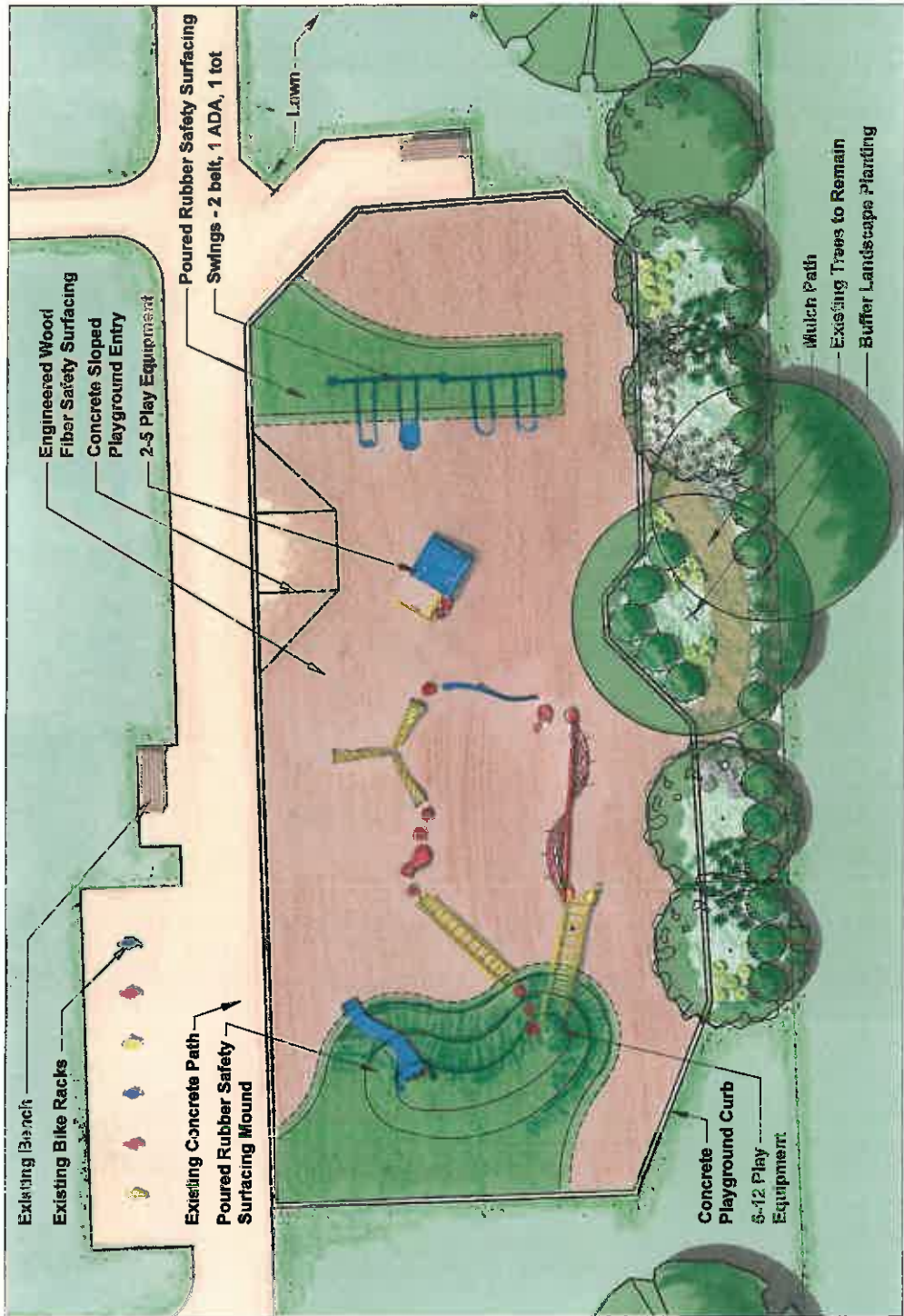
Upland
SCALE: 1" = 5'-0"
0 5 10 15'
November 26, 2018
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Project 168

Site Elements

Concept Plan - Option 1
Oriole Park Playground Renovation
Morton Grove Park District

Oriole Park Option 2

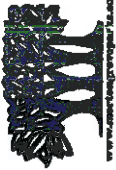




Site Elements

Site Plan

Morton Grove
Park District



www.mortongrovetp.org

uplandDesign ltd

Landscape Architecture & Park Planning
254 W Roosevelt St, Chicago, Illinois 60641
200 Westport St, Palmdale, Illinois 60544
916-254-4081, www.uplanddesign.com

Concept Plan - Option 2 Oriole Park Playground Renovation Morton Grove Park District



SCALE: 1" = 5'-0"

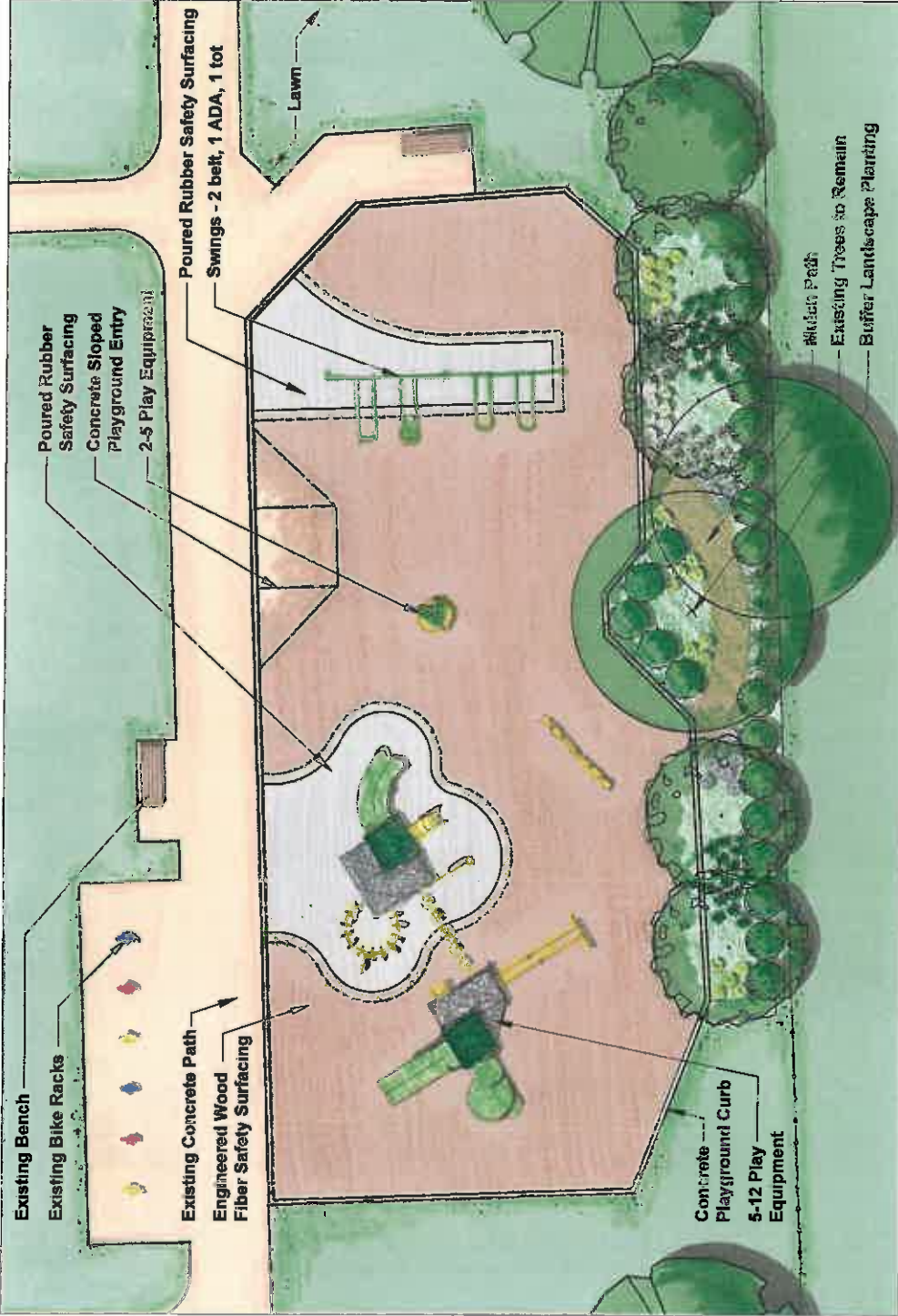
0 5 10 15'

December 26, 2016
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Project #1601

Oriole Park Option 3

Slaz
landscape
structures
LANDSCAPE PRODUCTS
1-800-526-6187





Site Plan

Morton Grove
Park District



uplandDesign ltd
Landscape Architecture & Tree Planning
564 W Randolph St, Chicago, Illinois 60641
21002 Lockport St, Palmdale, Illinois 60514
815-254-0091 www.uplandDesign.com

Concept Plan - Option 3
Oriole Park Playground Renovation
Morton Grove Park District

Site Elements

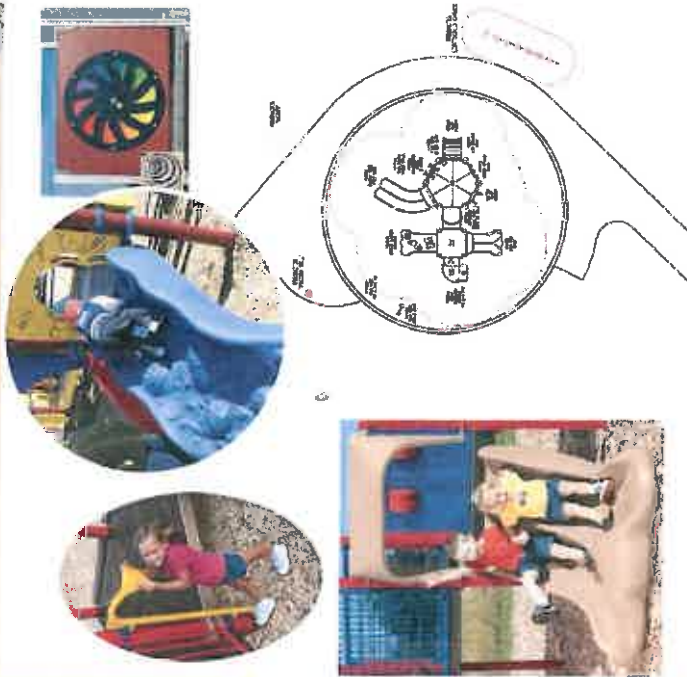


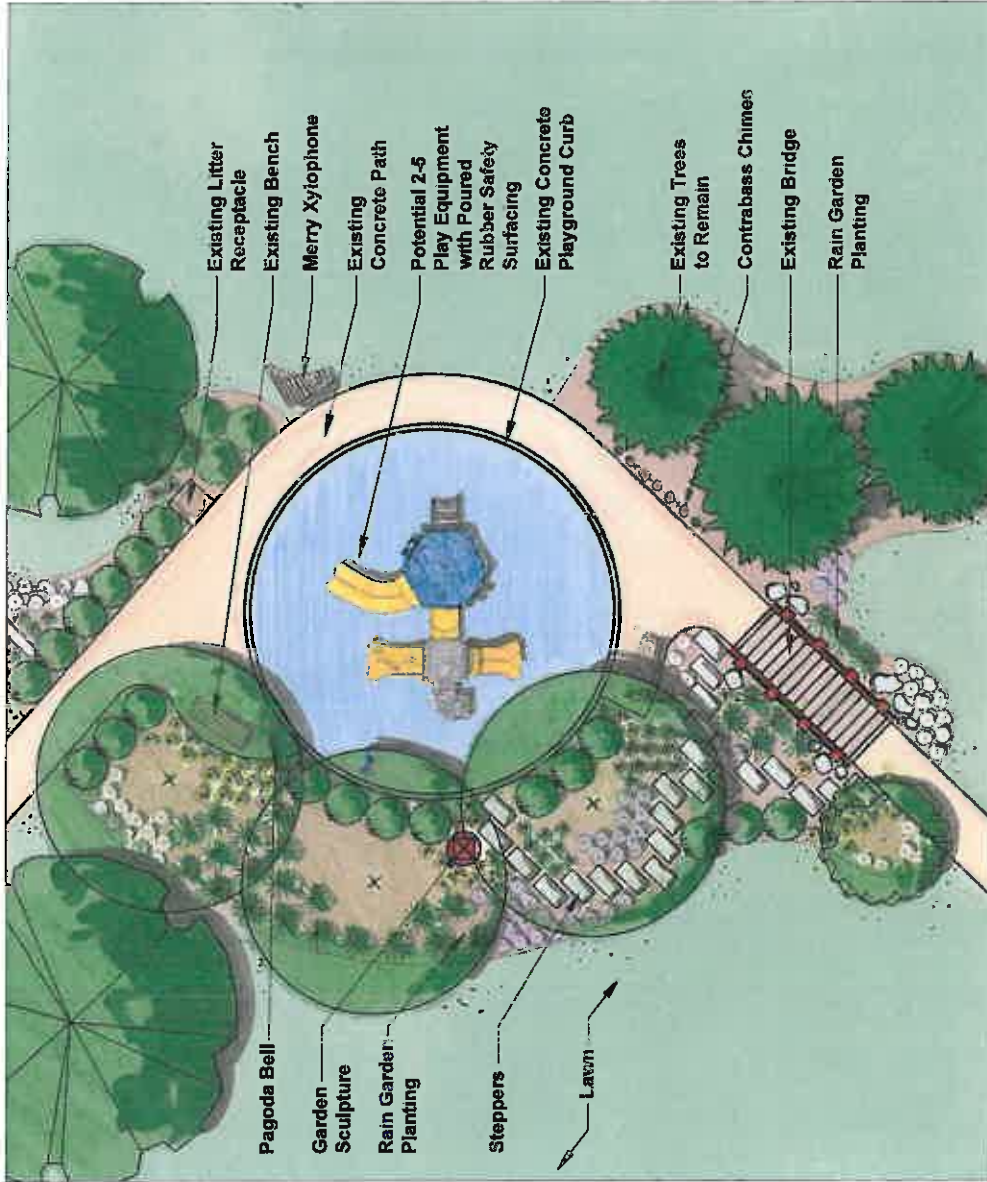
SCALE: 1" = 5'-0"

December 20, 2018
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Project #1811

Overhill Park **Option 1**

Overhill
landscape structures
PLAYSAFELY (800) 526-6197





Site Plan

Morton Grove Park District



www.mortongrovetownship.com

uplandDesign ltd

Landscape Architecture & Park Planning
 554 W Randolph St, Chicago, IL 60661
 2002 Uenoport St, Plainfield, Illinois 60544
 630-259-0051 www.uplanddesign.com

Site Elements



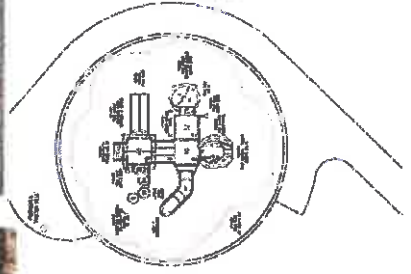
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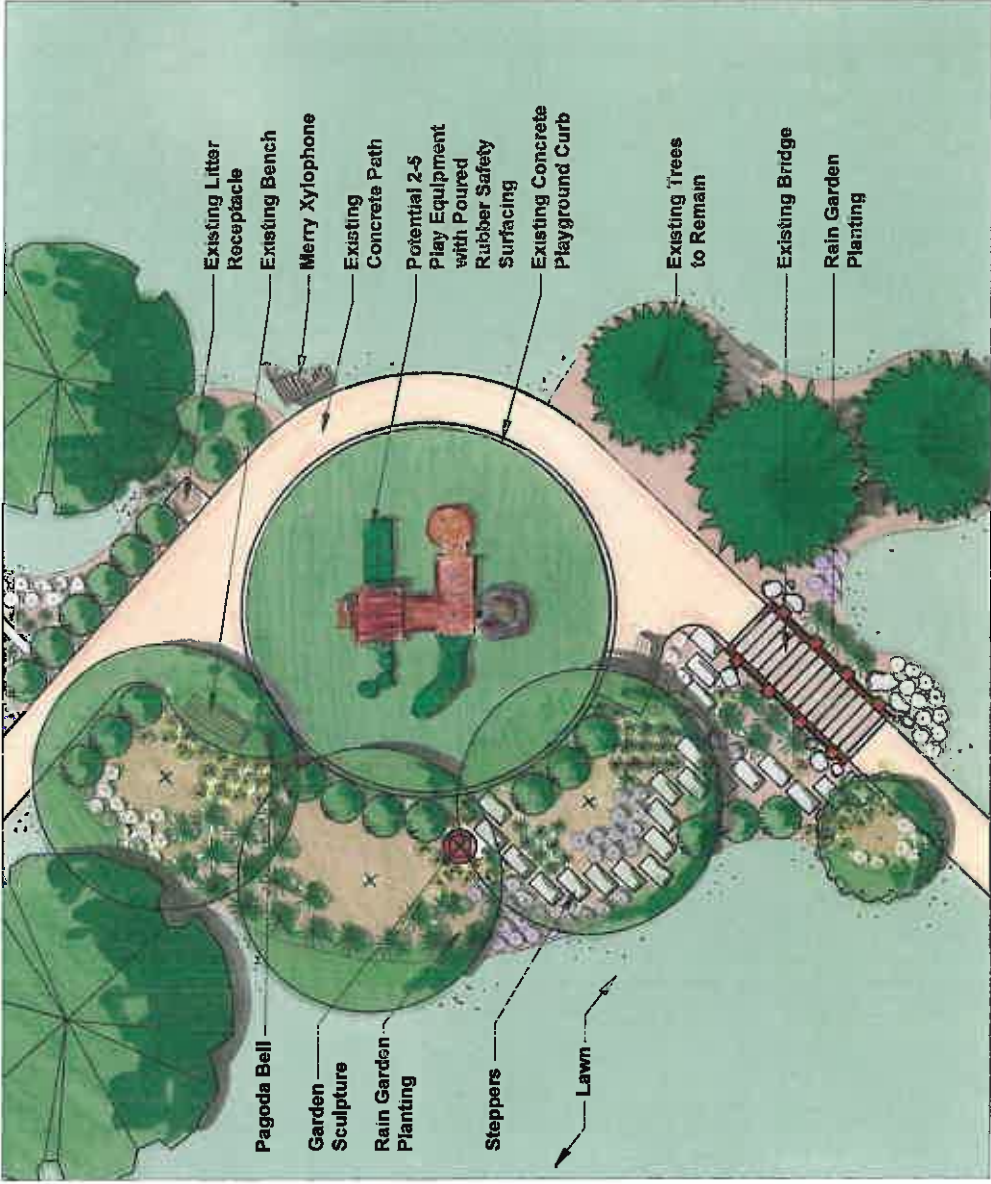
December 20, 2018
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 Project #08

Concept Plan - Option 1
 Overhill Park Playground Renovation
 Morton Grove Park District

Overhill Park Option 2

sun
landscape
structures
nature & play
FLA 11214 311 (800) 526-6187





Site Elements

SCALE: 1" = 8'-0"

Drawn on: Nov. 26, 2018
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Project #103

Concept Plan - Option 2 Overhill Park Playground Renovation

Morton Grove Park District

Site Plan

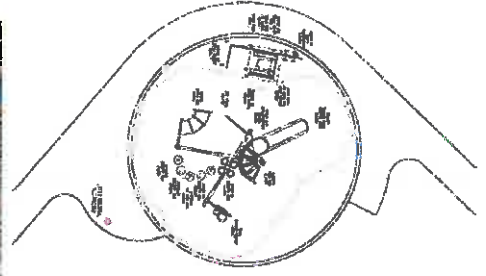
Morton Grove
Park District

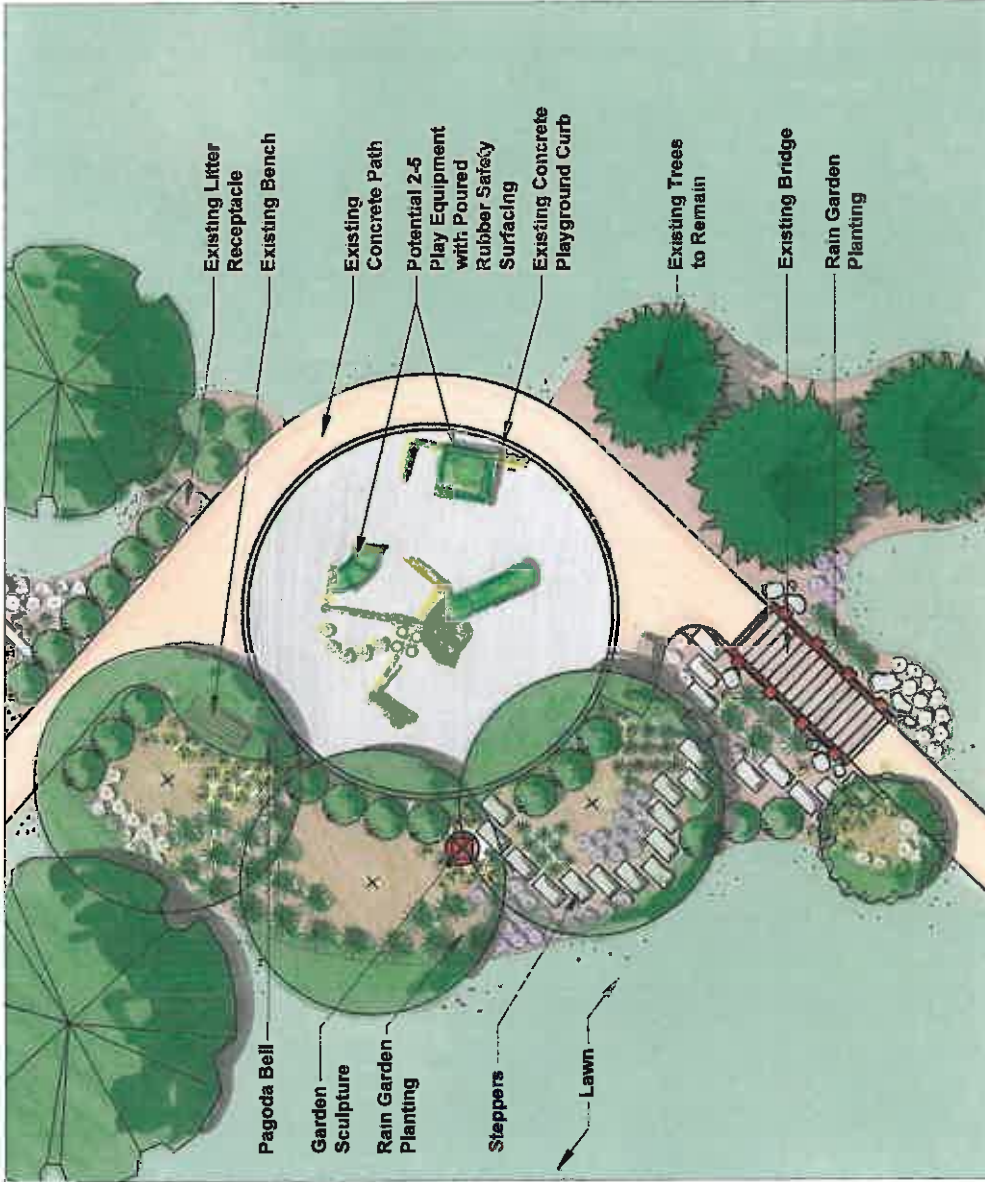


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Landscape Architecture & Park Planning
504 W Randolph St, Chicago, Illinois 60601
2025 S. 2nd St, Hammond, Illinois 60524
815-354-0091 www.uplanddesign.com

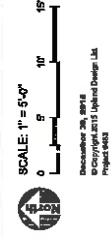
Overhill Park Option 3

SLA
landscape
structures
PLAYERS
LANDSCAPE PRODUCTS
PLAYERS LLC (800) 505-6187





Site Elements



Site Plan

Concept Plan - Option 3 Overhill Park Playground Renovation Morton Grove Park District



Landscape Architecture & Park Planning
 396 W Randolph St, Chicago, Illinois 60661
 2402 Locust St, Plainfield, Illinois 60544
 815-234-0191 www.uplanddesign.com

Morton Grove
Park District



www.mortongrovetpark.com