

Project Location **Rec Plex, Fitness Center** 04/26/2021
by **Ben Kutscheid** in **Member District ADA Project Request** id. 20005381
bkutscheid@mppd.org

Original submission 04/26/2021

Name **Ben Kutscheid**

Job Title **Planner II / Landscape Architect**

E-mail Address **Bkutscheid@studioparkave.com**

Phone Number **847-255-5380 Ext 108**

Park District **Mt. Prospect**

Project Status **Alteration**

Project Type **Routes and Surfaces
Special Rooms, Spaces and Elements**

Routes and Surfaces- select a Project Category below: **Athletic Surfaces**

Special Rooms, Spaces and Elements- select a Project Category below: **Dining Surfaces- Work Surfaces**

Benefits of the Project **Provide firm, stable and slip resistant route of travel throughout the fitness center. Provide artificial turf area with turf used accessible fitness equipment.**

Items that will become ADA Compliant **A administrative counter within the fitness center will include accessible height uses**

The project is designed or constructed, or applies human resources, to comply with: **The 2010 Standards for Accessible Design
ASTM Standard for Accessible Exercise Equipment
ASTM F 1951 Standard for Accessible Playground Surfaces**

Upload Project Related Files, Photos, Videos or Audio

Budget Table for ADA Related Expenses

[7723d615-4562-4829-b1ea-9132d7d177de.xlsx](#)

ADA Dollars Requested	32,014.52
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Notes related to requested amount	n/a
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May 1, 2021
Revised May 6, 2021

Ms. Tracey Crawford, CTRS, CPRP
Executive Director
Northwest Special Recreation Association
3000 Central Rd. - Suite 205
Rolling Meadows, IL 60008

Re: Accessibility Fund Reimbursement from NWSRA
Rec Plex Fitness Center Flooring

Dear Tracy,

The Mount Prospect Park District Rec Plex Fitness Center (420 Dempster, Mt. Prospect, IL 60056) is a Recreation Center on the Southwest side of the Park District. The Park District intends to replace and upgrade the Fitness Center flooring and the counter in the Fitness Center and flooring within an adjacent office room. We request the following funds be reimbursed to the Mt. Prospect Park District for accessibility improvements. The funds will be used in two ways 1) to a contractor through the Park District and 2) by the Park District for the purchase of an accessible counter.

This request is a revision to our request submitted on December 1, 2019 for the same area but a different flooring material. Due to COVID-19 we delayed the project and upon further research have changed the flooring product.

The first item is the flooring. The Park District is proposing to install two different flooring products in the fitness center, stretching area and adjacent office. The majority of the flooring will be ECORE EL02-8 BR a vulcanized engineered rubberized flooring. This flooring is firm, stable and slip resistant. The other flooring is Ecore Turf 5 an artificial turf and will be used in a limited amount. The Ecore Turf 5 is firm, stable and slip resistant and meets the requirements of ASTM -1951.

The total floor area for replacement is 4780 sf.

- 1) Request total reimbursement for the Ecore Turf 5 flooring of approximately 612 sf. The turf flooring is used as a special active area with specific accessible fitness equipment and fitness programs specifically for the turf area. The entire turf area will be used for the activity. The turf area is part of the accessible workout system.
- 2) Request reimbursement for 5' width for main pathway through the fitness center. This main Pathway measures 86 lineal feet or 430 sf. The pathway shall meet the current ADA Standards (2010) and Accessibility as determined in Chapter 4 Accessible Routes 402 accessible Routes 403 Walking Surfaces including 403.5.3 Passing Space.

3) Request reimbursement for 30" wide pathways to and from equipment this area also includes the use zone of 30" x 40" for individual pieces of equipment or 280 lineal feet and 700 s.f. The pathway shall meet the current ADA Standards (2010) and Accessibility as determined in Chapter 4 Accessible Routes 402 accessible Routes 403 Walking Surfaces.

4) Request reimbursement for clear floor space at each type of piece of equipment (to provide equal access) and required use zone. The different types of equipment includes 2 different treadmills, 5 different ellipticals, 1 climber, 5 stationary bikes, 6 cardio machines and 32 selectorized pieces. Each piece is about 20 sf of space or 1,020 sf. Accessibility as determined in Chapter 9 Built In Elements 903.2 Clear Floor Space.

5) Request reimbursement for Space for within the stretching and warm up area. This space is for general use and shall meet the current ADA Standards (2010) and Accessibility as determined in Chapter 1 Application and Administration 103 Equivalent Facilitation. Approximately 1 in 6 people meet the definition of a person with a disability as outlined in the ADA. We request 18% of this space be reimbursed for flooring. We request reimbursement for 65 square feet of warm up area.

6) Request reimbursement for special assessment area of 48 sf. The area to travel and maneuver with-in the special assessment room. Current ADA Standards (2010) and Accessibility as determined in Chapter 2 Scoping Requirements 206.2.2 Accessible Route within a site Chapter 4 Accessible Routes 402 accessible Routes 403 Walking Surfaces

The Park District requests reimbursement for 2,875 sf of the total flooring of 4780 sf or 60.1%. 60.1 % of quoted \$49,275.40 for a request of **\$29,614.52 for accessibility funds**

7) Request reimbursement for service counter. The estimated cost of the installed Service Counter is \$2,400. The Service Counter shall meet the current ADA Standards (2010) and Accessibility as determined in Chapter 9 Service Counters Section 904. The Park District request **\$2,400.00**

The Mt. Prospect Park District requests **\$32,014.52** for reimbursement from the NWSRA for accessibility improvements made as part of the RecPlex Flooring Replacement Project. The total projected project cost including ADA and non ADA items is \$51,675.40. If you have any questions please let me know, 847.255.5380 Ext 108 or bkutscheid@mppd.org.

Ben Kutscheid, ASLA, PLA, CPSI
Planner / Landscape Architect

Cc: Jessica Vasalos, Northwest Special Recreation Association
Jim Jarog, Mt. Prospect Park District
Nick Troy, Mt. Prospect Park District

Central Community Center 1000 W. Central Rd. Mount Prospect, IL 60056 847-255-5380	RecPlex 420 W. Dempster St. Mount Prospect, IL 60056 847-640-1000	Lions Recreation Center 411 S. Maple St. Mount Prospect, IL 60056 847-632-9333	Friendship Park Conservatory 395 W. Algonquin Rd. Des Plaines, IL 60018 847-298-3500	Mt. Prospect Golf Club 600 See-Gwun Ave. Mount Prospect, IL 60056 847-259-4200
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Our Mission:

To provide exceptional parks and recreation experiences that enrich the quality of life for present and future generations



Basic Rolls & Tiles

Basic Rolls and Tiles are the “original” recycled rubber fitness floor. Available in rolls and tiles, this durable surface sets the standard for performance, quality, and affordability.



MARKETS

- Fitness
- Student Rec

BENEFITS

- Durable
- Sustainable
- Slip-resistant
- Ease of maintenance

APPLICATIONS

- Free Weights
- Therapy / Rehab
- Retail
- Public Spaces
- Strength Equipment
- Selectorized Strength
- Childcare / Playzones
- K-12 / Higher Education
- Cardio
- Ice

PRODUCT INFORMATION

Nominal Dimensions:

Available as a standard in rolls and interlocking tiles. Talk to your local agent to determine availability, pricing, minimums, and lead times.



8mm x 48" (1.2m)
6mm x 48" (1.2m)
9mm x 48" (1.2m)



8mm x 23" (58cm) x 23" (58cm)

Color Options:

[Click here to view colors](#)

THE NRG FACTOR

NRG =



9.98% Force Reduction
Absorption of impact energy



71.9% Energy Restitution
Useful return of impact energy



Safety



Ergonomics



Acoustics

TECHNICAL DETAILS

Performance Criteria	Test Standard	Typical Results
Static Load Limit	ASTM F970	0.020" (@1000psi)
Coefficient of Friction	ASTM D2047	> 0.9
FloorScore	CA 01350	Certified
Abrasion Resistance	ASTM D3389	<1g, 1,000 cycles
Pill Test	ASTM D2859	Pass
Impact Insulation Class*	ASTM E492	51
Delta IIC*	ASTM E2179	22

*Tested on a 6" concrete slab with no ceiling.

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TECHNOLOGY

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Project Type (From ab Project Category (From Above)	Media File #/Name	Project Category Cost	ADA Portion of Project Cate	% ADA Dollars Requested
Routes and Surfaces Athletic Surfaces	Rec_Plex_Fitness_Floorir	49275.4	29614.52	60.10%
Special Rooms, Space: Dining Surfaces - Work Surfaces	Rec_Plex_Fitness_Floorir	2400	2400	100.00%

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Total Project Cost	51675.4
Total ADA Portion of Project Cost	32014.52
Total % of ADA Dollars Requested	61.95%

Project Location **Central Community Center, Rink** 04/26/2021
by **Ben Kutscheid** in **Member District ADA Project Request** id. 20004846
bkutscheid@mppd.org

Original submission 04/26/2021

Name **Ben Kutscheid**

Job Title **Planner II / Landscape Architect**

E-mail Address **bkutscheid@mppd.org**

Phone Number **847-255-5380 ext 108**

Park District **Mt. Prospect**

Project Status **Alteration**

Project Type **Routes and Surfaces**

Routes and Surfaces- select a Project Category below: **Athletic Surfaces**

Benefits of the Project **This flooring surface will provide for a greater variety of uses for people with disabilities.**

Items that will become ADA Compliant **The entry and exits to the rink will be made ADA compliant. The turf will be ADA compliant.**

The project is designed or constructed, or applies human resources, to comply with: **ASTM F 1951 Standard for Accessible Playground Surfaces**

Upload Project Related Files, Photos, Videos or Audio

[CCC_Rink_Turf_NWSRA_Request_5_1_2021.pdf](#)

Budget Table for ADA Related Expenses

[e054fd06-9a78-4dce-8c6e-d0228a8f304b.xlsx](#)

ADA Dollars Requested **38,626.63**

Notes related to requested amount n/a



May 1, 2021
Revised May 6, 2021

Ms. Tracey Crawford, CTRS, CPRP, Executive Director
Northwest Special Recreation Association
3000 Central Rd. - Suite 205
Rolling Meadows, IL 60008

Re: Accessibility Fund Reimbursement from NWSRA
CCC Rink

Dear Tracy,

The Mount Prospect Park District Central Community Center Rink (1000 Central Road, Mt. Prospect, IL 60056). The Park District intends to replace the existing tile flooring with artificial turf flooring. We recommend the following funds be reimbursed to the Mt. Prospect Park District for accessibility improvements. The funds will be distributed to a contractor through the Park District for the work.

The proposed turf is Puregrass as manufactured by Astroturf. This turf is firm stable and slip resistant. This turf has been tested using the standards of ASTM 1951-09, and meets or exceeds the requirements.

The precedent set by previous projects for artificial turf replacement is 33 1/3% reimbursement.

The area of turf to be installed is 14,400 sf of surface area and a quoted cost of \$115,880. The Mt. Prospect Park District is requesting a 33 1/3% reimbursement in the amount of **\$38,626.63**. If you have any questions please let me know, 847.255.5380 Ext 108 or bkutscheid@mppd.org.

Ben Kutscheid, ASLA, PLA, CPSI
Planner / Landscape Architect

Cc: Jessica Vasalos. NWSRA
Jim Jarog, Mt. Prospect Park District
Nick Troy, Mt. Prospect Park District

Central Community Center

1000 W. Central Rd.
Mount Prospect, IL 60056

847-255-5380

RecPlex

420 W. Dempster St.
Mount Prospect, IL 60056

847-640-1000

Lions Recreation Center

411 S. Maple St.
Mount Prospect, IL 60056

847-632-9333

Friendship Park Conservatory

395 W. Algonquin Rd.
Des Plaines, IL 60018

847-298-3500

Mt. Prospect Golf Club

600 See-Gwun Ave.
Mount Prospect, IL 60056

847-259-4200

Our Mission:

To provide exceptional parks and recreation experiences that enrich the quality of life for present and future generations

PUREGRASS 8mm



The PureGrass system is a dense, all-nylon system supported by a RootZone. This system can be used with or without infill. PureGrass is designed for extremely heavy wear, including confined indoor use, pushing sleds, etc.

A shock absorbing pad is required. It may be installed over an existing E-Layer® or other shockpad, or it can be provided from the factory with an attached 8 mm foam polyurethane pad ("PureGrass 8mm").

PureGrass and PureGrass 8mm systems benefit from AstroTurf's legendary quality control protocols, industry-leading R&D efforts, and start to finish control over manufacturing, civil construction and installation.

- ◆ Exclusive, precise in-house fiber masterbatch formulations with cutting edge ultraviolet and heat stabilizers
- ◆ Exceptionally durable, non-abrasive nylon face fibers for resistance to wear
- ◆ RootZone infill stabilization and fiber support system
- ◆ Multi-layer woven primary backing
- ◆ The latest polyurethane technology to enhance tuft lock, dimensional stability and fiber adhesion, with polymer formulations engineered in Germany and applied in our own American factory
- ◆ Shock absorbing pad required. Available with an 8 mm attached polyurethane pad (PureGrass 8mm)

PUREGRASS & PUREGRASS 8mm

PureGrass and PureGrass 8mm systems are dense turf systems and can be used with or without infill.



PUREGRASS



PUREGRASS 8mm



Purdue University - Lafayette, IN



University of Kansas - Lawrence, KS



University of South Dakota - Vermillion, SD



William Penn High Charter School - Philadelphia, PA

FINISH FABRIC	VALUE	ASTM TEST METHOD
Face Yarn Type	Nylon Monofilament and Nylon RootZone	N/A
Yarn Denier	8,400	D-1577
Yarn Thickness	100 microns	D-3218
Pile Weight	56 oz per SY	D- 5848
Finished Pile Height	1.25"	D-5823
Standard Field Color	Turf Green	None
Construction	Tufted	None
Turf Density	1,613 oz/yd ³	HUD 44d
Gauge:	3/16"	D-5793
Primary Backing	6.5 oz per SY Multilayer Polypropylene/Polyester	D- 5848
Secondary Backing	89 oz per SY Polyurethane foam (PureGrass 8 mm)	D- 5848
Total Carpet Weight	151.5 oz per SY (PureGrass 8 mm)	D-5848
Turf Roll Dimensions	15' wide by custom lengths up to 100'	N/A
Perforations	3/16" holes on staggered 4" (approximate) centers	N/A
Turf Permeability	> 30" +/- per hour	F-1551
Tuft Bind	> 8 lbs	D-1335
Grab Tear Strength (Average)	> 200 lbs	D-5034
Lead Content	< 50 ppm	F-2765
Elongation to Break	> 50%	D-2256
Yarn Breaking Strength	> 20 lbs	D-2256
Yarn Melting Point	428° F	D-789
Flammability	TEST PASSED	D-2859

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Athletic Republic (CA)
 Bemidji State University (MN)
 Binghamton High School (NY)
 Brooklyn Community Arts & Media High School (NY)
 Cathedral Mary Our Queen (MD)
 Dartmouth College (NH)
 Deerfield Academy (ME)
 East Tennessee State University (TN)
 Escondido Sports Center (CA)
 Florida State University (FL)
 Franklin Pierce University (NH)
 George A. Leoni Complex (IL)

Grand Island Community Center (NE)
 Harding County Board of Education (TN)
 Hudson County (NJ)
 Waterfront Park (NY)
 International School of Beijing (China)
 James Monroe High School (NY)
 Kansas State University (KS)
 University of Kansas (KS)
 Lackland Airforce Base (TX)
 Laurel Dell Elementary School (CA)
 Macombs Dam Park (NY)
 McKinney Boyd High School (TX)

McKinney High School (TX)
 Metropolitan High School (NY)
 University of Nebraska (NE)
 New York City Parks and Recreation (NY)
 City of Newark (NJ)
 Oregon State University (OR)
 Penn State University - Abington (PA)
 Purdue University (IN)
 ROC Center (PA)
 Rockaway Beach Park (NY)
 University of South Dakota (SD)
 Spooky Nook (PA)

UNC Wilmington (NC)
 United Soccer Centre (ON)
 William Penn Charter High School (PA)



Valid 01/01/2021 - 12/31/2021 Any change from the specified values is considered a special product that will require confirmation from manufacturing prior to ordering. All values are ± 5%. AstroTurf® has the right to modify technical specifications on the above-mentioned product. Delivered products can slightly differ from the technical data. AstroTurf® guarantees the technical quality of the proposed article. Updated 12/03/2020



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