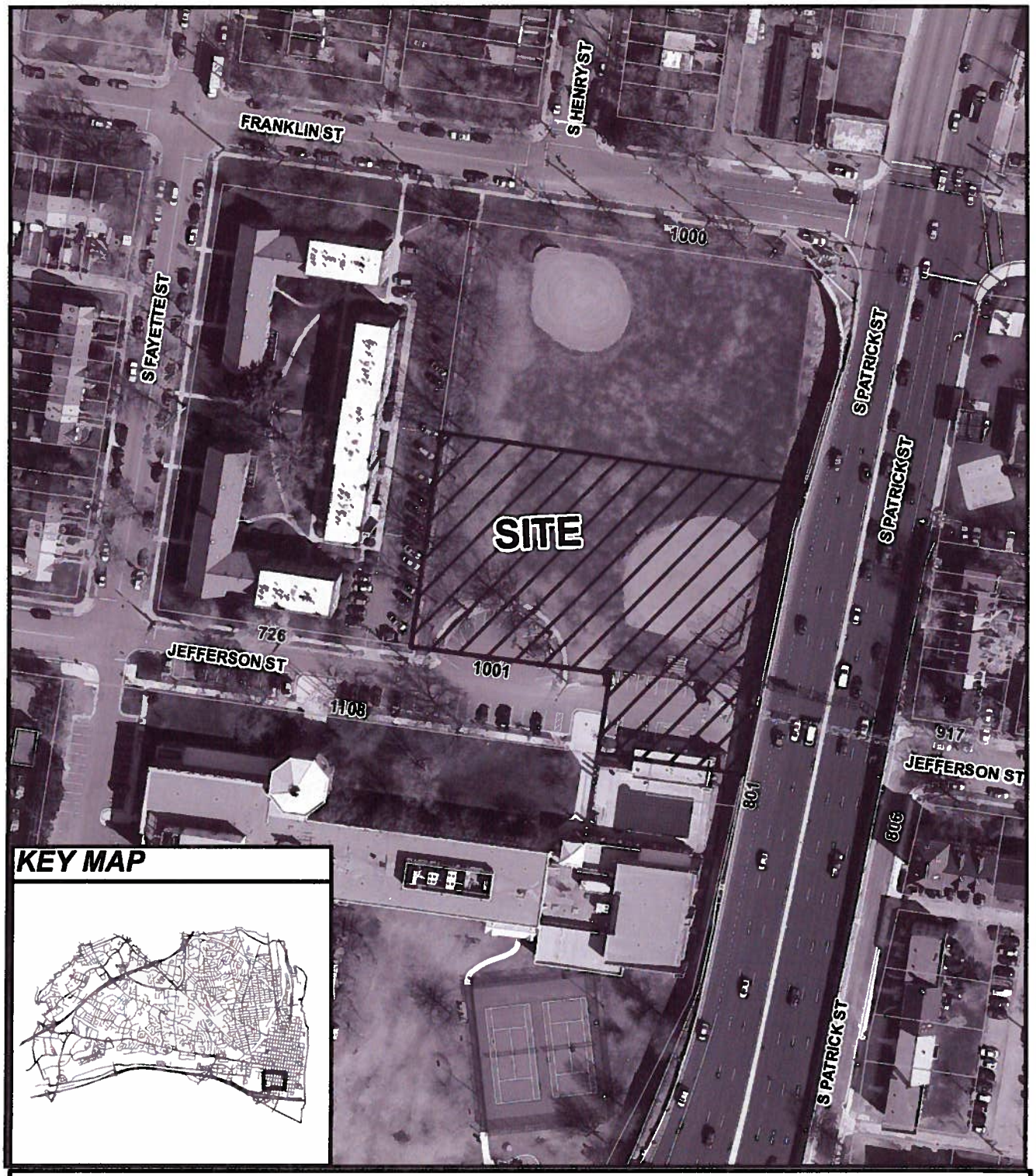
DOCKET ITEM #2
Special Use Permit #2011-0068
1001 Jefferson Street – Athletic Field Lighting

CONSENT AGENDA ITEM
If no one asks to speak about this case prior to the hearing, it will be approved without discussion as part of the Consent Agenda.

Application	General Data	
Consideration of a request to add lighting to an existing athletic field.	**Planning Commission Hearing:**	June 5, 2012
	City Council Hearing:	June 16, 2012
Address: 1001 Jefferson Street	**Zone:**	POS/Public Open Space and Community Recreation
Applicant: City of Alexandria, Department of Recreation, Parks, and Cultural Activities	**Small Area Plan:**	Southwest Quadrant

Staff Recommendation: APPROVAL subject to compliance with all applicable codes and ordinances and the recommended permit conditions found in Section III of this report.
Staff Reviewers: Nathan Randall nathan.randall@alexandriava.gov



SUP #2011-0068 **6/5/2012**

N

I. DISCUSSION

The applicant, the City of Alexandria Department of Recreation, Parks & Cultural Activities, requests Special Use Permit approval for the addition of light poles exceeding 15 feet in height at 1001 Jefferson Street.

SITE DESCRIPTION

The site is one irregularly-shaped lot of record, located immediately across Jefferson Street from the Nannie J. Lee Recreation Center, with approximately 226 feet of frontage on Jefferson Street, 240 feet of frontage on South Patrick Street (Route 1), and a total lot area of approximately 60,000 square feet (1.38 acres). The lot is improved with a baseball field and several parking spaces.

The surrounding area has a mix of institutional, residential and commercial uses. The City-owned Lee Center is located immediately to the south of the site, and a second baseball/soccer field is located immediately to the north on a separate parcel. Residential uses are located to the east across Route 1 and to the west. Commercial establishments, including two gas stations, are located to the northeast along Route 1.

PROPOSAL

The applicant proposes to add four 30-foot light poles to an existing baseball field. Advanced fiel lighting technology will be used to significantly limit light spill-over beyond the playing field. The field will be open only during scheduled events and is expected to close no later than 10 p.m. daily. No lighting will be present at the field after 10:30 p.m. each night.

The new lighting is part of a series of improvements planned at the field through a joint City capital project initiative between the City and the nonprofit group Miracle League of Alexandria, which has received numerous donations from City residents and businesses. Upon completion, the field will be renamed "Miracle Field" to reflect its primary use by children and adults with physical and developmental disabilities and to signify the first field in the City with this mission. Specifically, the addition of lights as a part of this project will improve safety for disabled athletes and allow for greater scheduling flexibility. Other improvements at the field include a rubberized playing surface, upgraded bleachers, dugout enclosures, a rain garden, and fencing. Additional trees will be added to the existing plantings on the western side of the property, and new trees will also be added to the east along the Route 1 sound wall. The field will also be available for other special athletic activities, such as Senior League games and T-Ball.

PARKING

A total of 51 parking spaces will remain available for field users in a mix of on and off-street parking immediately adjacent to the ball field. An additional 129 parking spaces are located behind the Lee Center for overflow parking on nights and weekends.

ZONING/MASTER PLAN DESIGNATION

The subject property is zoned POS / Public Open Space and Community Recreation. Section 6-106(A) of the Zoning Ordinance allows structures greater than 15 feet in height, up to a maximum of 30 feet, only with Special Use Permit approval.

The proposed use is consistent with the Southwest Quadrant Small Area Plan chapter of the Master Plan which designates the property for public recreation uses.

II. STAFF ANALYSIS

Staff supports the request to install field lighting at this site and believes that it will benefit the City in at least two ways. First, the lighting and other planned improvements will create the first field in Alexandria specifically designed for disabled individuals. Second, the lighting will allow for greater flexibility in field scheduling, which is particularly important given the high demand throughout the City for play time on athletic fields.

Staff does not believe the proposal will have a significant impact on the neighborhood. The field is already in existence and is used for a variety of athletic events. The Department of Recreation, Parks & Cultural Activities (RPCA) reports that although the lighting will extend the amount of time during the day in which games will occur, the number of games or events at the field each day is not expected to increase.

The potential for spill-over lighting having a negative impact on the neighborhood is low. Although residential uses are present nearby, the nearest residences are about 150 feet away to the east, and across Route 1, from the nearest light pole. These uses are shielded from the athletic field and its lights by two tall sound barrier walls located on the east and west sides of Route 1. Four unshielded roadway lights and an illuminated overhead sign, installed as a part of the Woodrow Wilson Bridge project, are present along this section of Route 1. Two 35-foot height

cobra head style street lights will also remain on site immediately adjacent to the proposed field project.

Lights for this project are similar in height (at 30 feet) and light output to tennis court lights. By comparison, larger-scale lights for athletic fields such as Fort Ward and Ben Brenman Park are 70 feet in height. Spill-over lighting will be reduced here through the use of advanced lighting technology. A photometric analysis that supports the minimal lighting impact has been performed.

Finally, staff also notes that RPCA has reached out to the community regarding this proposal. The Fayette Court Condominiums, which at over 200 feet away to the west are the second-closest residences to the field, expressed support when presented with the plan at an HOA meeting held in October 2011 and in subsequent conversations with the HOA President. PRCA and Planning & Zoning staff also met with representatives from three civic associations in December 2011 to discuss the lighting and other improvements expected for "Miracle Field." It received generally positive feedback, including a letter from the Southwest Quadrant Civic Association in support of the request.

In conclusion, staff believes that the proposal will offer important benefits to the City and therefore recommends approval of the Special Use Permit request subject to the conditions contained in Section III of this report.

III. RECOMMENDED CONDITIONS

Staff recommends **approval** subject to compliance with all applicable codes and ordinances and the following conditions:

1. Field lighting shall be turned off no later than 10:30pm each night. (P&Z)

2. A grading plan showing all improvements and alterations to the site must be approved by the Department of Transportation & Environmental Services prior to installation of site improvements. (T&ES)

3. If the staff determines that the new lighting has impacted surrounding properties adversely then the Department of RP&CA will provide additional improvements to the satisfaction of the Directors of Recreation, Parks & Cultural Activities and Transportation and Environmental Services to correct the adverse condition. (T&ES)

4. The grading plan shall show location of conduit, electrical connections, transformers and similar appurtenances. A photometric plan shall be provided to the satisfaction of the Directors of T&ES, P&Z, and RP&CA in consultation with the Chief of Police and shall include the following:
    a. Clearly show location of all existing and proposed street lights and site lights, shading back less relevant information.
    b. A lighting schedule that identifies each type and number of all fixtures, mounting height, and strength of fixture in Lumens or Watts.

c. Manufacturer's specifications and details for all proposed fixtures including site, landscape, pedestrian, sign(s) and security lighting.
d. A photometric plan with lighting calculations that include all existing and proposed light fixtures, including any existing street lights located on the opposite side(s) of all adjacent streets. The Illumination Summaries, File #153826R2 and #153826R2.1 dated 14-Sep-11 provided with the Preliminary submission show the minimum lighting levels as 0; however, still provide ratios of Avg/Min and Max/Min while mathematically these ratios must be infinity. Therefore, remove the grid lines showing lighting levels as zero from the photometric plan such that the Avg/Min and Max/Min ratios can mathematically be defined other than infinity.
e. Photometric site lighting plan shall be coordinated to minimize light spill into adjacent residential areas.
f. Provide location of conduit routing between site lighting fixtures.
g. Detailed information indicating proposed light pole and footing in relationship to adjacent grade or pavement. All light pole foundations shall be concealed from view.
h. The lighting for the areas not covered by the City of Alexandria' standards shall be designed to the satisfaction of Directors of T&ES and P&Z.
i. Provide numeric summary for various areas (i.e., roadway, walkway/ sidewalk, alley, and parking lot, and play field, etc.) in the proposed development.
j. As proposed full cut-off lighting shall be used at the play field site to prevent light spill onto adjacent properties. (T&ES)

5. The grading plan shall include the dimensions of the pole base and shall specify the materials of construction (i.e., Class of concrete, etc.) (T&ES)

STAFF: Barbara Ross, Deputy Director, Department of Planning and Zoning;
Nathan Randall, Urban Planner.

Staff Note: In accordance with Section 11-506(C) of the Zoning Ordinance, construction or operation shall be commenced and diligently and substantially pursued within 18 months of the date of granting of a Special Use Permit by City Council or the Special Use Permit shall become void.

IV. CITY DEPARTMENT COMMENTS

Legend: C - code requirement R - recommendation S - suggestion F - finding

Transportation & Environmental Services:

F-1 The Illumination Summaries, File #153826R2 and #153826R2.1 dated 14-Sep-11 show the minimum lighting levels as 0; however, still provide ratios of Avg/Min and Max/Min while mathematically these ratios must be infinity. (T&ES)

R-1 A GRADING PLAN showing all improvements and alterations to the site must be approved by T&ES prior to installation of site improvements. (T&ES)

R-2 If the staff determines that the newly installed lights have impacted surrounding properties adversely then the Department of RP &CA of the City of Alexandria will provide additional improvements to the satisfaction of the Director of Transportation and Environmental Services (T&ES) to correct the adverse condition. (T&ES)

R-3 The grading plan shall show location of conduit, electrical connections, transformers and similar appurtenances. A photometric plan shall be provided to the satisfaction of the Directors of T&ES, P&Z, and RP&CA in consultation with the Chief of Police and shall include the following:

a. Clearly show location of all existing and proposed street lights and site lights, shading back less relevant information.
b. A lighting schedule that identifies each type and number of all fixtures, mounting height, and strength of fixture in Lumens or Watts.
c. Manufacturer's specifications and details for all proposed fixtures including site, landscape, pedestrian, sign(s) and security lighting.
d. A photometric plan with lighting calculations that include all existing and proposed light fixtures, including any existing street lights located on the opposite side(s) of all adjacent streets. The Illumination Summaries, File #153826R2 and #153826R2.1 dated 14-Sep-11 provided with the Preliminary submission show the minimum lighting levels as 0; however, still provide ratios of Avg/Min and Max/Min while mathematically these ratios must be infinity. Therefore, remove the grid lines showing lighting levels as zero from the photometric plan such that the Avg/Min and Max/Min ratios can mathematically be defined other than infinity.
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h. The lighting for the areas not covered by the City of Alexandria' standards shall be designed to the satisfaction of Directors of T&ES and P&Z.

i. Provide numeric summary for various areas (i.e., roadway, walkway/ sidewalk, alley, and parking lot, and play field, etc.) in the proposed development.
j. As proposed full cut-off lighting shall be used at the play field site to prevent light spill onto adjacent properties. (T&ES)

R-3 The grading plan shall include the dimensions of the pole base and shall specify the materials of construction (i.e., Class of concrete, etc.) (T&ES)

Code Enforcement:

C-1 Building permits will be required for the erection of the light standards. Height, material, and anchorage method will be required to be reviewed prior to the issuance of the permit.

C-2 Electrical permits are required for the wiring

Health:

F-1 No comment

Police Department:

F-1 No comments received

APPLICATION
SPECIAL USE PERMIT

SPECIAL USE PERMIT # 2011-0068

PROPERTY LOCATION: 1001 Jefferson Street

TAX MAP REFERENCE: 080.01-10-40 **ZONE:** POS

APPLICANT:

Name: City of Alexandria, Virginia, Department of Recreation, Parks, and Cultural Activities

Address: 1108 Jefferson Street, Alexandria, VA 22301

PROPOSED USE: Lights for the Miracle Field at the existing Lee Center ball field site

[X] **THE UNDERSIGNED**, hereby applies for a Special Use Permit in accordance with the provisions of Article XI, Section 4-11-500 of the 1992 Zoning Ordinance of the City of Alexandria, Virginia.

[ ] **THE UNDERSIGNED**, having obtained permission from the property owner, hereby grants permission to the City of Alexandria staff and Commission Members to visit, inspect, and photograph the building premises, land etc., connected with the application.

[ ] **THE UNDERSIGNED**, having obtained permission from the property owner, hereby grants permission to the City of Alexandria to post placard notice on the property for which this application is requested, pursuant to Article IV, Section 4-1404(D)(7) of the 1992 Zoning Ordinance of the City of Alexandria, Virginia.

[ ] **THE UNDERSIGNED**, hereby attests that all of the information herein provided and specifically including all surveys, drawings, etc., required to be furnished by the applicant are true, correct and accurate to the best of their knowledge and belief. The applicant is hereby notified that any written materials, drawings or illustrations submitted in support of this application and any specific oral representations made to the Director of Planning and Zoning on this application will be binding on the applicant unless those materials or representations are clearly stated to be non-binding or illustrative of general plans and intentions, subject to substantial revision, pursuant to Article XI, Section 11-207(A)(10), of the 1992 Zoning Ordinance of the City of Alexandria, Virginia.

James Spengler, Director, RPCA		9-15-2011
Print Name of Applicant or Agent	Signature	Date
1108 Jefferson Street	703-746-5502	
Mailing/Street Address	Telephone #	Fax #
Alexandria, VA 22314	james.spengler@alexandriava.gov	
City and State / Zip Code	Email address	

ACTION-PLANNING COMMISSION: _____ **DATE:** _____

ACTION-CITY COUNCIL: _____ **DATE:** _____

SUP # 2011-0068

PROPERTY OWNER'S AUTHORIZATION

As the property owner of _____, I hereby
(Property Address)
grant the applicant authorization to apply for the N/A use as
(use)
described in this application.

Name: _____ Phone _____
Please Print
Address: _____ Email: _____

Signature: _____ **Date:** _____

1. Floor Plan and Plot Plan. As a part of this application, the applicant is required to submit a floor plan and plot or site plan with the parking layout of the proposed use. The SUP application checklist lists the requirements of the floor and site plans. The Planning Director may waive requirements for plan submission upon receipt of a written request which adequately justifies a waiver.

N/a

[ ] **Required floor plan and plot/site plan attached.**

[ ] **Requesting a waiver. See attached written request.**

2. The applicant is the *(check one)*:
[ ] Owner
[ ] Contract Purchaser
[ ] Lessee or
[ ] Other: _____ of the subject property.

State the name, address and percent of ownership of any person or entity owning an interest in the applicant or owner, unless the entity is a corporation or partnership, in which case identify each owner of more than ten percent.

N/A

SUP # 2011-0068

If property owner or applicant is being represented by an authorized agent such as an attorney, realtor, or other person for which there is some form of compensation, does this agent or the business in which the agent is employed have a business license to operate in the City of Alexandria, Virginia?

[ ] **Yes.** Provide proof of current City business license

[ ] **No.** The agent shall obtain a business license prior to filing application, if required by the City Code.

NARRATIVE DESCRIPTION

3. The applicant shall describe below the nature of the request **in detail** so that the Planning Commission and City Council can understand the nature of the operation and the use. The description should fully discuss the nature of the activity. (Attach additional sheets if necessary.)

See attached narrative.

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USE CHARACTERISTICS

4. The proposed special use permit request is for *(check one)*:
   [✓] a new use requiring a special use permit,
   [ ] an expansion or change to an existing use without a special use permit,
   [ ] an expansion or change to an existing use with a special use permit,
   [ ] other. Please describe:_____

5. Please describe the capacity of the proposed use:

   A. How many patrons, clients, pupils and other such users do you expect?
   Specify time period (i.e., day, hour, or shift).
   No change from existing use in capacity (see attached schedule), but hours will be extended with approval of lights

   B. How many employees, staff and other personnel do you expect?
   Specify time period (i.e., day, hour, or shift).
   T-ball averages 6-8 coaches/volunteers per game. Miracle League games average 30 volunteers per game.

6. Please describe the proposed hours and days of operation of the proposed use:

Day:	Hours:
Monday-Sunday	8:00am-10:00pm
	(The field will be available for permit use during
	these times, though it will not always be in use)

7. Please describe any potential noise emanating from the proposed use.

   A. Describe the noise levels anticipated from all mechanical equipment and patrons.

   No change in noise level. Normal noise associated with recreational use.

   B. How will the noise be controlled?

   N/A

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8. Describe any potential odors emanating from the proposed use and plans to control them:

N/A

9. Please provide information regarding trash and litter generated by the use.

A. What type of trash and garbage will be generated by the use? (i.e. office paper, food wrappers)

waste associated with recreational field use (cups, bottles, etc.)

B. How much trash and garbage will be generated by the use? (i.e. # of bags or pounds per day or per week)

~~No change from existing use~~

C. How often will trash be collected?

daily

D. How will you prevent littering on the property, streets and nearby properties?

Trash cans are provided on site

10. Will any hazardous materials, as defined by the state or federal government, be handled, stored, or generated on the property?

[ ] Yes. [✓] No.

If yes, provide the name, monthly quantity, and specific disposal method below:

SUP # 2011-0068

11. Will any organic compounds, for example paint, ink, lacquer thinner, or cleaning or degreasing solvent, be handled, stored, or generated on the property?

[ ] Yes. [✓] No.

If yes, provide the name, monthly quantity, and specific disposal method below:

12. What methods are proposed to ensure the safety of nearby residents, employees and patrons?

No change from existing use. Existing use poses no safety concerns.

ALCOHOL SALES

13.

A. Will the proposed use include the sale of beer, wine, or mixed drinks?

[ ] Yes [ ] No

If yes, describe existing (if applicable) and proposed alcohol sales below, including if the ABC license will include on-premises and/or off-premises sales.

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PARKING AND ACCESS REQUIREMENTS

14. A. How many parking spaces of each type are provided for the proposed use:

45 Standard spaces*

____ Compact spaces

6 Handicapped accessible spaces.

____ Other.

* 129 additional spaces are located in the back of the Lee Center and can be used after work hours and on weekends (see attached map)

Planning and Zoning Staff Only

Required number of spaces for use per Zoning Ordinance Section 8-200(A) ____

Does the application meet the requirement?

[ ] Yes [ ] No

B. Where is required parking located? *(check one)*

[✓] on-site

[ ] off-site

If the required parking will be located off-site, where will it be located?

_____

PLEASE NOTE: Pursuant to Section 8-200 (C) of the Zoning Ordinance, commercial and industrial uses may provide off-site parking within 500 feet of the proposed use, provided that the off-site parking is located on land zoned for commercial or industrial uses. All other uses must provide parking on-site, except that off-street parking may be provided within 300 feet of the use with a special use permit.

C. If a reduction in the required parking is requested, pursuant to Section 8-100 (A) (4) or (5) of the Zoning Ordinance, complete the PARKING REDUCTION SUPPLEMENTAL APPLICATION.

[ ] Parking reduction requested; see attached supplemental form

15. Please provide information regarding loading and unloading facilities for the use:

A. How many loading spaces are available for the use? N/A

Planning and Zoning Staff Only

Required number of loading spaces for use per Zoning Ordinance Section 8-200 ____

Does the application meet the requirement?

[ ] Yes [ ] No

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B. Where are off-street loading facilities located? No loading to occur

C. During what hours of the day do you expect loading/unloading operations to occur?
n/a

D. How frequently are loading/unloading operations expected to occur, per day or per week, as appropriate?
n/a

16. Is street access to the subject property adequate or are any street improvements, such as a new turning lane, necessary to minimize impacts on traffic flow?

adequate

SITE CHARACTERISTICS

17. Will the proposed uses be located in an existing building? [ ] Yes [✓] No

Do you propose to construct an addition to the building? [ ] Yes [✓] No

How large will the addition be? _____ square feet.

18. What will the total area occupied by the proposed use be? N/A

_____ sq. ft. (existing) + _____ sq. ft. (addition if any) = _____ sq. ft. (total)

19. The proposed use is located in: *(check one)*
[ ] a stand alone building
[ ] a house located in a residential zone
[ ] a warehouse
[ ] a shopping center. Please provide name of the center: _____
[ ] an office building. Please provide name of the building: _____
[✓] other. Please describe: Therapeutic Recreation Field

End of Application

SUP 2011-0068

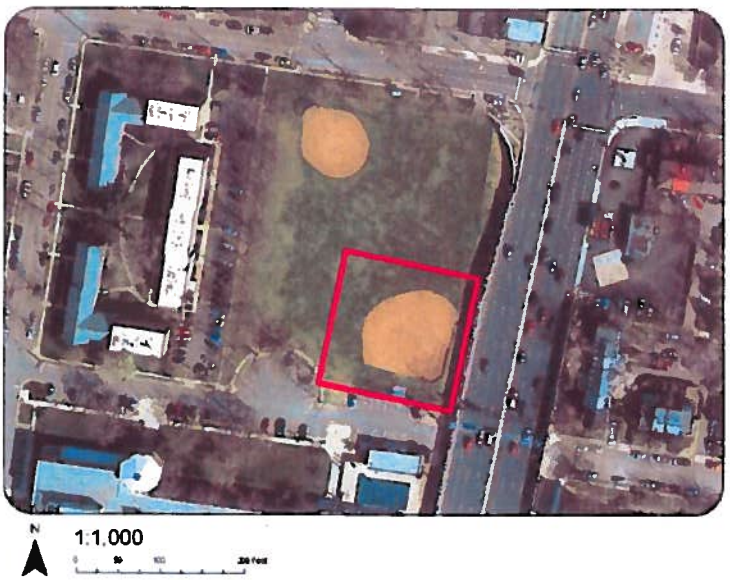
Request for a Special Use Permit to install Field Lighting at the Lee Center Fields for by the Miracle Field

The Department of Recreation, Parks and Cultural Activities is requesting approval to add lighting to the existing recreational field site (1001 Jefferson Street) at the Lee Center (1108 Jefferson Street). The property is located in a POS zone, which requires a special use permit for the lighting of athletic fields.

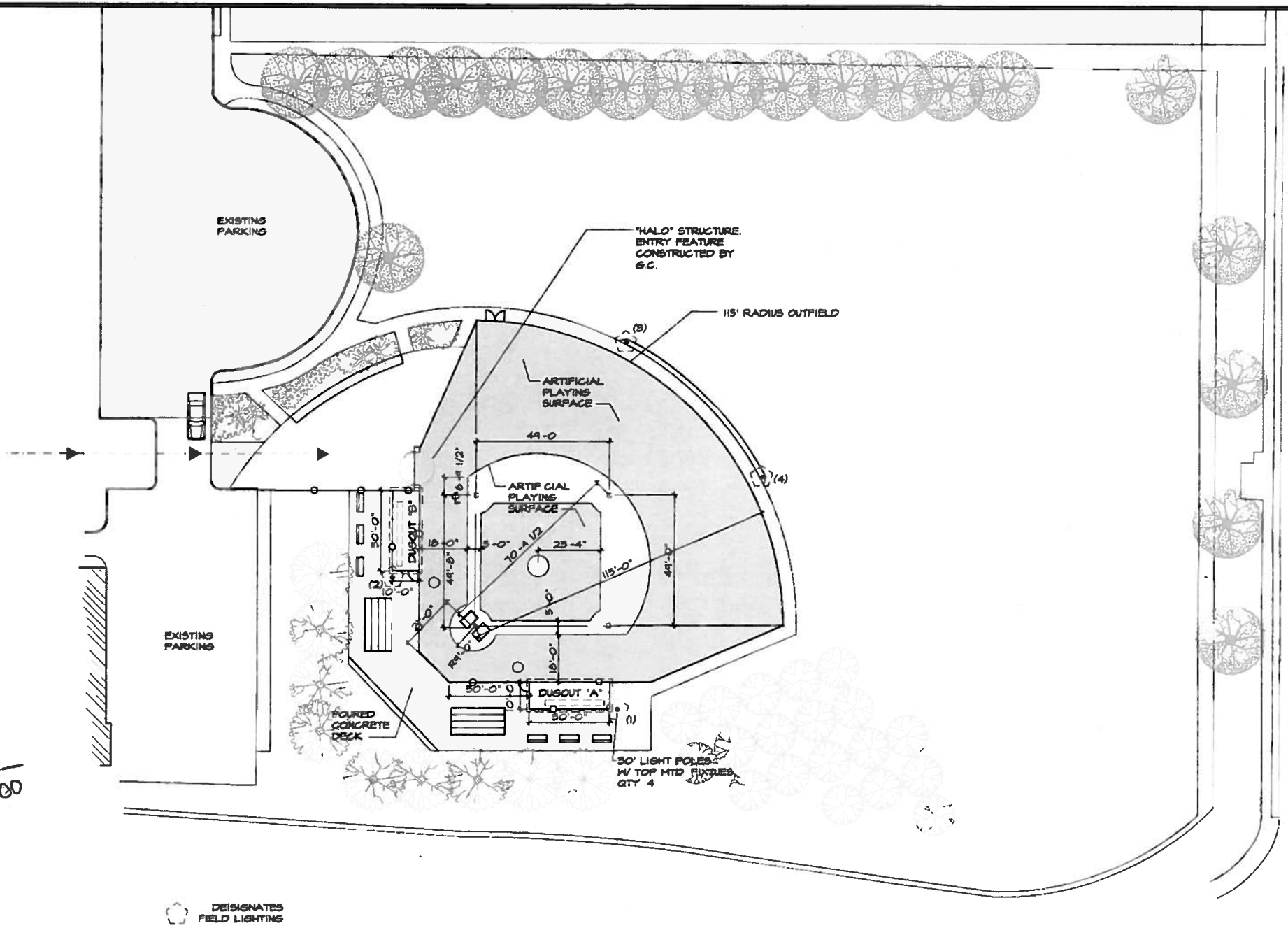
If approved, the lighting would supplement the renovation of the existing field to a diamond "Miracle Field" entirely covered with a rubberized surfacing. The rubber allows a firm, yet cushioned, surface for wheelchairs and walkers, allowing Alexandria residents with physical and mental disabilities to play softball. Given the nature of the field it can also be used by adults and seniors for softball and kickball or by youth sports, such as t-ball. The field conversion requires a separate grading plan permit, currently under review by the Department of Transportation & Environmental Services.

Lights would allow a flexible schedule and better accommodate a variety of uses on the field. This flexibility is particularly necessary for after work hours and on weeknights when required coaches and volunteers are typically available. The proposed lighting for the athletic field will consist of twelve individual lights mounted onto four poles, with a maximum height of 30 feet. Locations for the light poles are indicated on the proposed site plan (attached). The proposed lighting system will use technologically advanced fixtures that significantly limit light spill-over beyond the playing field area. A preliminary assessment (attached) of the lights show a 0.2 foot candle reading 100 feet from the outfield pole. There would be no spill over 200 feet from the light pole.

Preliminary outreach to the community and adjacent neighborhood indicates support for this lighted recreational use.



Future site of the Miracle Field at the Lee Center



SUP2011-0068

RPCA
Recreation, Parks, and Cultural Activities
1108 Jefferson Street - Lee Center
City of ALexandria, VA

Miracle Field

1001 Jefferson Street - Lee Center
City of Alexandria, Virginia

DESIGN DEVELOPMENT DRAWING

AR-1

2011 Schedule on Lee Center Fields (baseball and league programs occur on field #1, soccer occurs on overlay of fields)

Spring	Youth Sports Baseball	March - June	Monday - Friday	4:00 - 8:00 p.m. (shared use with ASA)
Spring	Miracle Baseball League Program	March - June	Saturday	12:00 - 6:00 p.m.
Spring	Alexandria Soccer Association	March - June	Saturday/Sunday	8:00 a.m. - 12:00 p.m./12:00 - 5:00 p.m.

Fall	Alexandria Soccer Association	September - November 15	Monday - Friday	4:00 - 8:00 p.m.
Fall			Saturday/Sunday	8:00 a.m. - 12:00 p.m./12:00 - 5:00 p.m.
Fall	Miracle Baseball League Program	September - October	Saturday	12:00 - 6:00 p.m.

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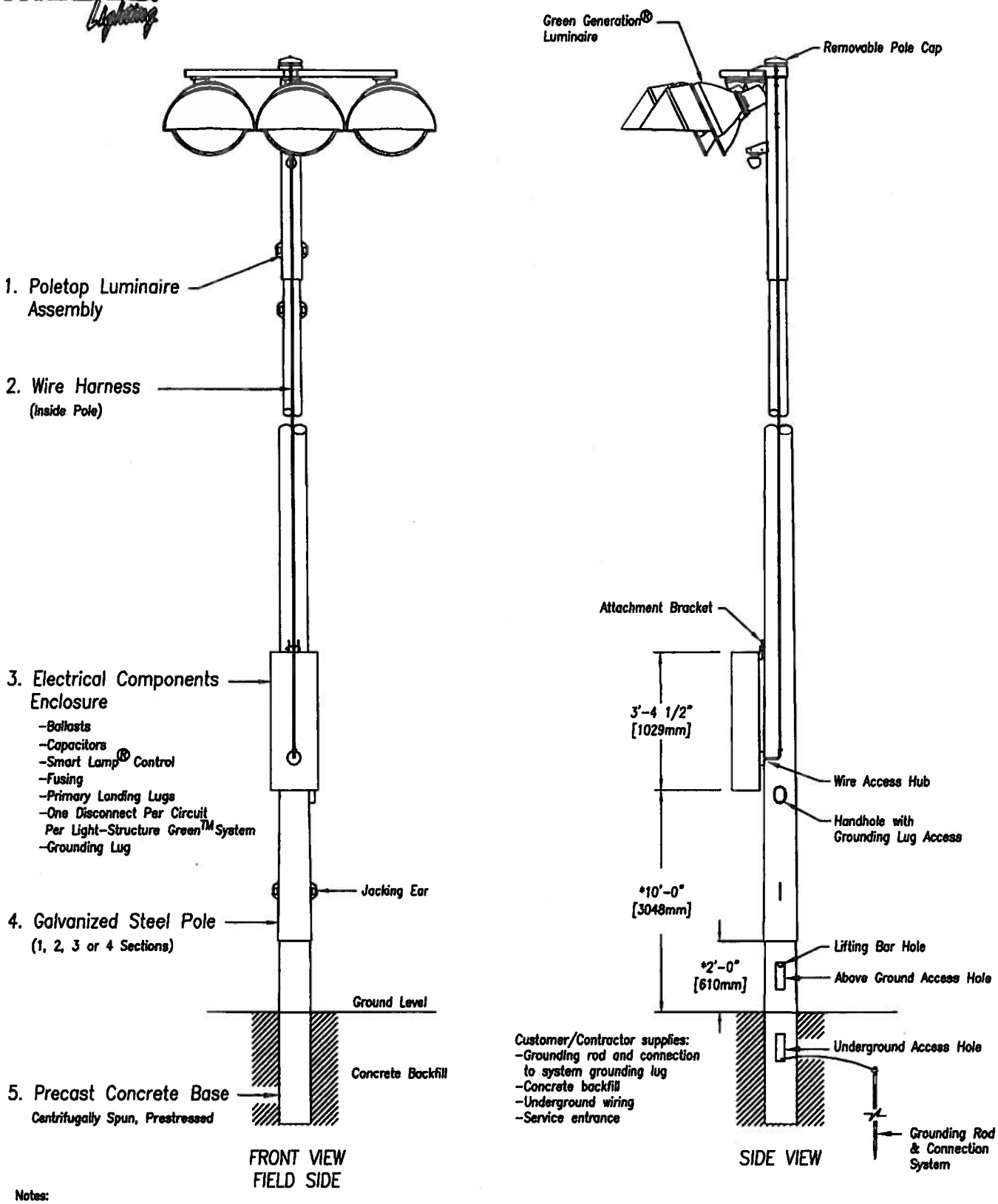
N

1:1,000

Lee Center Parking for Miracle Field

Typical Light-Structure Green™ System Detail – 3 Luminaires



Notes:
1. This drawing is not to scale.
2. * This dimension for reference only. Variances may occur depending on steel pole tolerances, concrete tolerances, galvanizing thickness, hole depth accuracy.
3. Musco provides a base installation bar, an installation level modified for taper, and installation wedges.
4. Provisions for auxiliary equipment such as speaker or security lighting can be incorporated.
5. Copyright 1991, 2007, 2008 Musco Lighting. Patents issued and pending.

LSG-03

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY/ POLE	THIS GRID	OTHER GRIDS
4	A1-A2 B1-B2	30'	-5.2'	24.8'	1500W MZ	3	3	0
4	← TOTALS →					12	12	0

NOTES: Musco recommends higher pole mounting heights. Short heights will significantly increase glare produced by fixtures.

SCALE IN FEET 1 : 100

0' 100' 200'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

musco. GREEN GENERATION LIGHTING™

GUARANTEED PERFORMANCE

ILLUMINATION SUMMARY

Blanket Grid
Lee Center Miracle Field
Alexandria,VA

Blanket Grid
· Grid Spacing = 30.0' x 30.0'
· Values given at 3.0' above grade

· Luminaire Type: Green Generation
· Rated Lamp Life: 5,000 hours
· Avg Lumens/Lamp: 134,000

CONSTANT ILLUMINATION HORIZONTAL FOOTCANDLES

	Entire Grid
No. of Target Points:	180
Average:	7.8
Maximum:	109
Minimum:	0
Avg/Min:	411.53
Max/Min:	5715.96
UG (Adjacent Pts):	34.36
CV:	2.70

Average Lamp Tilt Factor:	1.000
Number of Luminaires:	12
Avg KW over 5,000:	18.77
Max KW:	20.4

Guaranteed Performance: The CONSTANT ILLUMINATION described above is guaranteed for the rated life of the lamp.

Field Measurements: Averages shall be +/-10% in accordance with IESNA RP-6-01 and CIBSE LG4. Individual measurements may vary from computer predictions.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume +/- 3% nominal voltage at line side of the ballast and structures located within 3 feet (1m) of design locations.

By: Justin Van Soelen

File #: 153826R2.1 Date: 14-Sep-11

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Print Date (14/Sep/2011) & Time (13:42)

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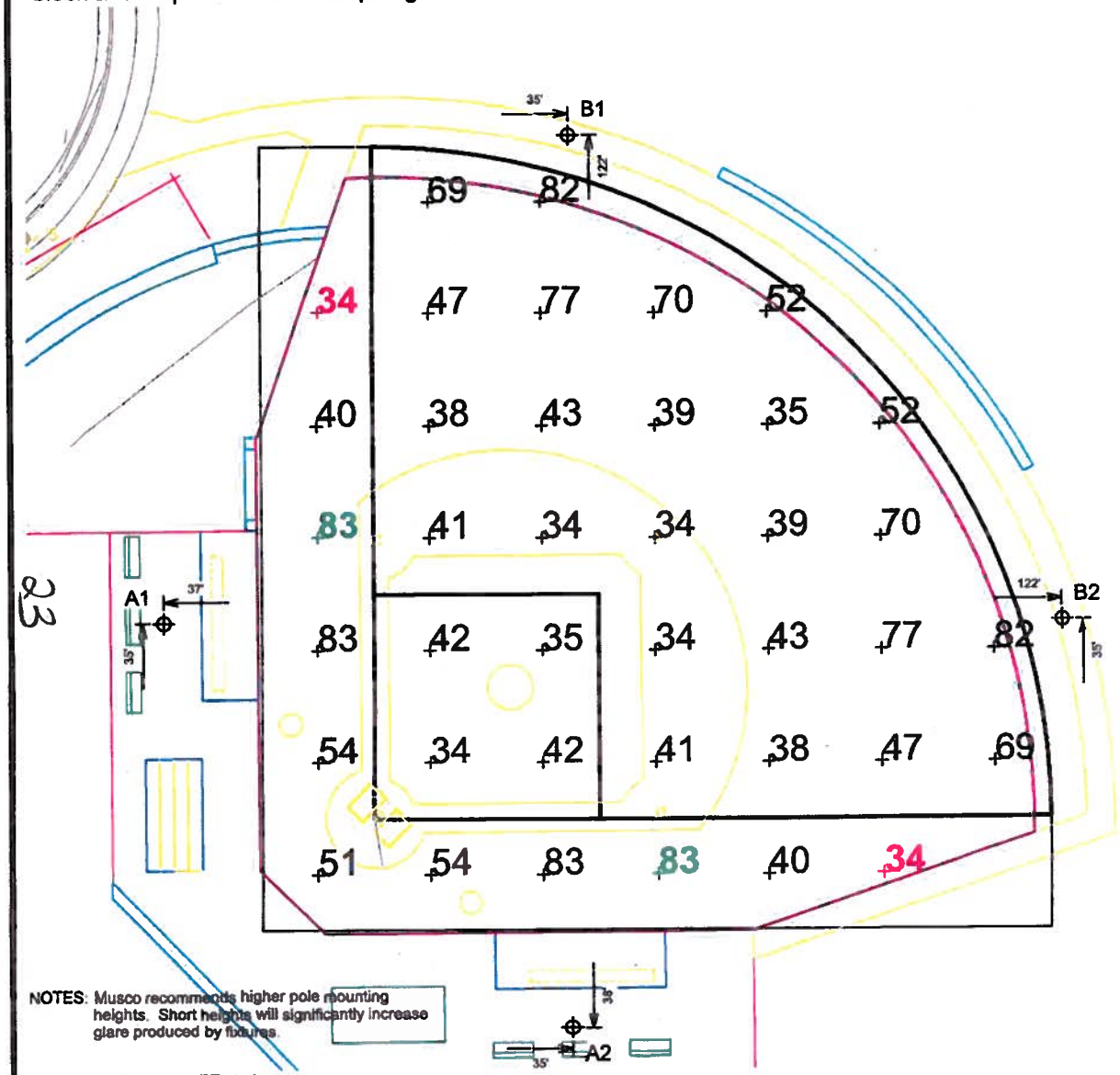
EQUIPMENT LIST FOR AREAS SHOWN								
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	A1-A2 B1-B2	30'	-5.2'	24.8'	1500W MZ	3	3	0
4	← TOTALS →					12	12	0

Existing evergreen trees, sound wall and adjacent building will block and help reduce off site spill light.



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NOTES: Musco recommends higher pole mounting heights. Short heights will significantly increase glare produced by fixtures.

SCALE IN FEET 1 : 30

0' 30' 60'

Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗

GUARANTEED PERFORMANCE

ILLUMINATION SUMMARY

Miracle Field
Lee Center Miracle Field
Alexandria,VA

Miracle Field
- Size: 120'/120'/120' - 40' Basepath
- Grid Spacing = 20.0' x 20.0'
- Values given at 3.0' above grade

- Luminaire Type: Green Generation
- Rated Lamp Life: 5,000 hours
- Avg Lumens/Lamp: 134,000

CONSTANT ILLUMINATION HORIZONTAL FOOTCANDLES

	Entire Grid
No. of Target Points:	39
Average:	52.4
Maximum:	83
Minimum:	34
Avg/Min:	1.56
Max/Min:	2.48
UG (Adjacent Pts):	2.09
CV:	0.35

Average Lamp Tilt Factor:	1.000
Number of Luminaires:	12
Avg KW over 5,000:	18.77
Max KW:	20.4

Guaranteed Performance: The CONSTANT ILLUMINATION described above is guaranteed for the rated life of the lamp.

Field Measurements: Averages shall be +/-10% in accordance with IESNA RP-6-01 and CIBSE LG4. Individual measurements may vary from computer predictions.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the **"Musco Control System Summary"** for electrical sizing.

Installation Requirements: Results assume +/- 3% nominal voltage at line side of the ballast and structures located within 3 feet (1m) of design locations.

By: Justin Van Soelen

File #: 153826R2 Date: 22-Aug-11

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Print Date (22/Aug/2011) & Time (10:04)

SUP2011-0068

2/20/12

Mayor Bill Euille and Council members

We the South West Quadrant Civil Assoc. approve of the Mircle Field for Handicapped Children. We want everything and anything that will help children. We support what ever is needed to make them happy. If there is any questions please contact me at 703-836-0454

Thank you,

Vera D. Henderson
President of S.W.Q.C. Assoc.

Docket Item No. 2
SUP 2011-0068

PlanComm

From: William Rivers <rivers15@comcast.net>
Sent: Sunday, June 03, 2012 5:26 PM
To: PlanComm
Cc: William Rivers
Subject: Support for Lights at the Miracle Field

This message is in support of approval for Special Use Permit #2011-0068 (Lights at the proposed Miracle Field at the Lee Center).

I am the Chair of the Miracle League of Alexandria (MLA) and would like to be at your session in person, but my wife is having surgery on June 4th and I cannot be at the session on the 5th. Our two other ranking officers in the MLA are both on travel on the 5th as well. Consequently, I would like to submit a brief written statement supporting the SUP application.

The MLA and the City have entered into a public/private partnership to build a Miracle Field at the Lee Center. This field will have a rubberized surface baseball diamond that will allow special needs individuals the opportunity to enjoy outdoor sports in a safe and fun environment. The MLA was tasked with raising $135,000 for its portion of the cost. The City is contributing $285,000 as its portion. The citizens and businesses of Alexandria and its surrounding communities have been most generous in supporting this cause. Over $135,000 has been donated already and another $100,000 plus of discounts have been offered by our construction partners. The City's portion was approved in the 2013 Capital Improvement Plan.

To maximize the use of the playing field, the City is requesting that lights be installed. With the money raised and the discounts offered, we are in a position to pay for those lights now. The lights will serve at least two purposes. First, it will allow our special needs players the opportunity to play a night baseball game for the first time in their lives - a truly unique experience. Secondly, it will also allow the field to be used by others in the community. Seniors can play games like wiffle ball or kickball at the field. Youth T-ball games can be held there as well. Having lights there will allow all citizens of Alexandria the opportunity to enjoy an unique field.

It is important to remember that the Miracle Field is smaller than a normal baseball field so the lights will be smaller and more like those for a tennis court than a regulation baseball diamond. The MLA and the City have been in contact with the neighbors of the field to explain about both the field and the proposed lights. Fortunately all three neighboring civic associations have been supportive.

This whole effort will be a first for Alexandria - the first Miracle Field inside the Washington beltway and the first safe opportunity for our special needs individuals to play baseball - all as a result of an outpouring of community support for those who need it the most. Having the lights will add to the usefulness of the field and make Alexandria an even better community.

Thank you,
Bill Rivers

Chair, Miracle League of Alexandria