ORDINANCE NO. 17,094

AN ORDINANCE AMENDING THE PERMANENT ZONING ORDINANCE OF THE CITY OF PEORIA BY CHANGING THE ZONING OF CERTAIN PROPERTY FROM THE PRESENT CLASS P-1 (PARKING) DISTRICT TO A CLASS R-4 (SINGLE-FAMILY RESIDENTIAL) DISTRICT FOR THE PROPERTY LOCATED AT 602 W. NEBRASKA AVENUE (PARCEL IDENTIFICATION NUMBER 18-04-101-035) AND PARCEL IDENTIFICATION NUMBER 18-04-101-030, AND AMENDING AN EXISTING SPECIAL USE ORDINANCE 16,230 AND SPECIAL EXCEPTION ORDINANCES 11,700 AND 11,344, WITH A SPECIAL USE FOR A PUBLIC SCHOOL TO CONSTRUCT ACCESSORY ATHLETIC FACILITIES IN AN R-4 (SINGLE-FAMILY RESIDENTIAL) DISTRICT FOR THE PROPERTY LOCATED AT 1803, 1805, 1809, 1811, 1812, 1813, 1815, 1819, & 1820 N. ELLIS STREET; 410, 412, 414, 416, 420, 424, 430, 434, 506, 510, & 602 W. NEBRASKA AVENUE; 1615, 1701, 1716, 1720, 1801, 1811, 1813, 1817, & 1821 N. NORTH STREET; AND 501 W. RICHMOND AVENUE (PARCEL IDENTIFICATION NUMBERS 18-04-101-021, -022, -024, -025, -028, -029, -030, -033, -034, -035; 18-04-102-005, -006, -007, -008; 18-04-103-003, -005, -006, -007, -008, -009, -010, -016, -023, -024, -025, -026, -028, -045, -048, -049, -050; 18-04-126-019, -020, -021), PEORIA, IL.

WHEREAS, the properties herein described are now zoned in a Class P-1 (Parking) District and R-4 (Single-Family Residential) District; and

WHEREAS, said petition was directed to the Zoning Commission as directed by Article 2.8 of Appendix C, the Land Development Code of the City of Peoria; and,

WHEREAS, said Zoning Commission has been petitioned to rezone certain properties and grant a Special Use for a public school and accessory athletic facilities under the provisions of Article 2.9 of Appendix C, the Land Development Code of the City of Peoria; and

WHEREAS, said Zoning Commission held a public hearing on April 10, 2014, with respect to said petitions, which hearing was held pursuant to a notice of the time and place thereof in a newspaper of general circulation in the City of Peoria, not less than fifteen (15) days nor more than thirty (30) days prior to said hearing as required by law, and no written protest was made by the owners of twenty percent (20%) of the frontage immediately adjoining or across from the frontage proposed to be altered; and

WHEREAS, said Zoning Commission has submitted its report of said public hearing and the City Council finds that to permit such rezoning and such use will not adversely affect the character of the neighborhood, and will not unduly burden the public utility facilities in the neighborhood;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF PEORIA, ILLINOIS:

Section 1. That Appendix C, the Land Development Code of the City of Peoria, and the District Map made a part of said Ordinance are hereby amended by changing the classification of the following described

property to Class R-4 (Single-Family Residential) District instead of Class P-1 (Parking) District and that an existing Special Use Ordinance 16,230 and Special Exception Ordinances 11,700 and 11,344, with a Special Use for a Public School to construct accessory athletic facilities Special Use is hereby granted for the expansion of the non-conforming multi-family residential development the following described property:

Legal Description of rezoned area:
PARCEL 1
LOTS 40, 41 AND 42 IN BLOCK 10 OF THE EAST CLARENDON SUBDIVISION, AN ADDITION TO THE CITY OF PEORIA AS SHOWN IN PLAT BOOK "C" ON PAGES 25 AND 26 SITUATED IN PEORIA COUNTY, ILLINOIS.

PARCEL 2
ALL OF LOTS 23, 24, 25 AND 26 IN BLOCK 10 OF THE EAST CLARENDON SUBDIVISION, AN ADDITION TO THE CITY OF PEORIA AS SHOWN IN PLAT BOOK "C" ON PAGES 25 AND 26 SITUATED IN PEORIA COUNTY, ILLINOIS. EXCEPT THAT PART OF SAID LOTS LYING EASTERLY OF A CURVED LINE PARALLEL WITH AND 5 FEET NORMALLY DISTANT FROM THE BACK OF THE EXITING CONCRETE CURB OF WOODRUFF BOULEVARD ACROSS SAID LOTS, DESCRIBED AS FOLLOWS: BEGINNING AT A POINT IN THE EASTERLY LINE OF SAID LOT 26, 12.62 FEET SOUTHERLY OF THE NORTHEASTERLY CORNER OF SAID LOT 26; THENCE SOUTHWESTERLY MEASURED ALONG SAID CURVED LINE WITH A RADIUS OF 543.91 FEET TO THE LEFT, 142.31 FEET, 91.71 FEET WESTERLY OF THE SOUTHEASTERLY CORNER OF SAID LOT 23; CONTAINING 11,349 SQUARE FEET, MORE OR LESS; SITUATED IN THE CITY OF PEORIA, COUNTY OF PEORIA AND STATE OF ILLINOIS.

PIN 18-04-101-035 & 18-04-101-030

Legal Description of Special Use area:

BEGINNING AT THE INTERSECTION OF THE SOUTH RIGHT-OF-WAY LINE OF NEBRASKA AVENUE AND THE WEST RIGHT-OF-WAY LINE OF NORTH STREET; THENCE SOUTH ALONG THE WEST RIGHT-OF-WAY LINE OF SAID NORTH STREET TO THE WESTERLY EXTENSION OF THE NORTH LINE OF LOT 25 IN ARMSTRONG'S SUBDIVISION ALSO BEING THE NORTH LINE OF PARCEL 2 AS DESCRIBED IN DOCUMENT NUMBER 2012-024721, IN THE PEORIA COUNTY RECORDER OF DEEDS OFFICE; THENCE EAST ALONG SAID NORTH LINE AND THE WESTERLY EXTENSION TO A LINE 15 FEET PARALLEL TO THE EAST LINE OF J.H. BUNN'S SUBDIVISION; THENCE SOUTH ALONG SAID PARALLEL LINE 181 FEET MORE OR LESS TO THE SOUTH LINE OF SAID PARCEL 2; THENCE WEST ALONG SAID SOUTH LINE 108.43 FEET TO THE WEST LINE OF SAID PARCEL 2; THENCE NORTH ALONG SAID WEST LINE 5 FEET TO A POINT ON THE SOUTH LINE OF SAID PARCEL 2; THENCE WEST ALONG SAID SOUTH LINE AND THE WESTERLY EXTENSION OF SAID LINE TO THE WEST RIGHT-OF-WAY LINE OF NORTH STREET; THENCE SOUTH ALONG SAID WEST RIGHT-OF-WAY LINE TO THE WESTERLY EXTENSION OF THE SOUTH RIGHT-OF-WAY LINE OF RICHMOND AVENUE; THENCE EAST ALONG SAID SOUTH RIGHT-OF-WAY LINE AND WESTERLY EXTENSION TO THE WEST RIGHT-OF-WAY LINE OF A 16 FEET WIDE ALLEYWAY IN BUTLER'S ESTATE SUBDIVISION; THENCE SOUTH ALONG SAID WEST RIGHT-OF-WAY LINE TO THE SOUTH LINE OF LOT 3 IN SAID BUTLER'S ESTATE SUBDIVISION; THENCE WEST ALONG SAID SOUTH LINE AND THE WESTERLY EXTENSION OF SAID SOUTH LINE TO THE WEST RIGHT-OF-WAY LINE OF NORTH STREET; THENCE SOUTH ALONG SAID WEST RIGHT-OF-WAY LINE TO THE NORTHERLY RIGHT-OF-WAY LINE OF INTERSTATE 74; THENCE NORTH AND NORTHWEST ALONG SAID NORTHERLY RIGHT-OF-WAY LINE TO THE EAST RIGHT-OF-WAY LINE OF ELLIS STREET; THENCE NORTH ALONG SAID

EAST RIGHT-OF-WAY LINE TO THE NORTH RIGHT-OF-WAY LINE OF RICHMOND AVENUE; THENCE WEST ALONG SAID NORTH RIGHT-OF-WAY LINE 197 FEET MORE OR LESS; THENCE NORTHWEST 130.00 FEET MORE OR LESS TO THE SOUTHERLY EXTENSION OF THE EAST RIGHT-OF-WAY LINE OF A 16 FOOT WIDE ALLEYWAY IN BLOCK 10 OF EAST CLARENDON SUBDIVISION; THENCE NORTH ALONG SAID EAST RIGHT-OF-WAY LINE TO THE SOUTH RIGHT-OF-WAY LINE OF NEBRASKA AVENUE; THENCE EAST ALONG SAID SOUTH RIGHT-OF-WAY LINE TO THE POINT OF BEGINNING. EXCEPTING THEREFROM NORTH STREET AS DEDICATED TO THE CITY OF PEORIA, A STRIP OF GROUND KNOWN AS DRY RUN CREEK, ALSO EXCEPTING THEREFROM TRACT-2 AS DESCRIBED IN DOCUMENT NUMBER 03-10755, AND A PARCEL DESCRIBED IN DOCUMENT NUMBER 97-22168. CONTAINING 33 ACRES, MORE OR LESS.

Said Ordinance is hereby approved per the submitted Property Map (Attachment A), Site and Landscape Plan (Attachment B) and Lighting Plans (Attachment C) with the following conditions and waivers:

1) Waiver to allow existing conditions to remain for all areas not directly impacted by the proposed athletic facilities.
2) Waiver from Front Yard Setback Requirements to allow the athletic facilities to be placed at a varying setback between 0 feet and 15 feet along Nebraska Avenue and North Street.
3) Waiver to allow 6-8 foot tall chain link fence in the front yard surrounding a portion of the track and around the baseball fields.
4) A waiver is requested to allow the retaining wall up to 12 feet in height.
5) A waiver is requested to allow two 50 square foot monument signs, which meet the allowable height of 5 feet.
6) Special Use approval is subject to the approval of the following requested ROW vacations:
    a. Ellis St - from Nebraska to Woodruff Blvd
    b. Woodruff Blvd - from Nebraska to alley west of Ellis Street
    c. Alley parallel to Nebraska (behind 410-434 Nebraska)
    d. Alley parallel to North St (behind 1731-1821 Nebraska)
    e. 4 alleys parallel to North St and Richmond Ave (behind and adjacent to 1615-1701 North St)
7) A maintenance agreement is required from District 150 stating that the District will take over all maintenance of Woodruff Boulevard, between Sheridan Road and the north/south alley, including patching, snow removal, etc
8) Any fencing installed within the regulatory floodway will require design review and approval by IDNR as part of the permit (for example, the fence needs to be hinged to accommodate floodwater flow and/or debris.)
9) There is an existing foot bridge across the Dry Run Creek without permit and may be in violation. IDNR approval of a future foot bridge between the baseball field and tennis courts is required.
10) Provisions for emergency access are required.
11) All existing and proposed disabled parking spaces must meet Land Development Code requirements. Accessible parking spaces must be striped with an 11' parking area and a 5' aisle on the right hand side or an 8 foot wide parking space and an 8 foot wide aisle on the right hand side (16 feet total) and signed with an R7-8 sign and an R7-101 $350 fine plate.
12) A tree line should be added along Nebraska Avenue in front of the baseball field, for the portion of the field that meets the 15 foot front yard setback.
13) A transitional buffer yard is required along the western boundary of the Special Use, for the area that in the absence of the alley would abut residentially zoned parcels
14) For the northwest corner of the site, where dugouts are placed at the property line, Site Plan Review Board requests that the same ornamental fence be placed along that portion of Nebraska Avenue and the west property line which abuts the parcel Zoned P-1 at 606 W Nebraska Avenue.

15) Additional landscaping, an ornamental tree line, in front of the baseball field along Nebraska Avenue, between the proposed field and the property line should be added.
16) Petitioner should work with Staff and make an effort to reduce the footcandles at the property line as much as possible, particularly for the western boundary of the Special Use and turn lighting around the athletic facilities off, once evening events are complete.
17) Any sidewalks along Nebraska Avenue and North Street which are currently in need of repair, should be repaired as part of this project. Petitioner should work with Public Works on sidewalk repairs

Section 2. All provisions of Appendix C, the Land Development Code of the City of Peoria, and the District Map made a part of said Ordinance shall extend to said above-described premises as herein reclassified and rezoned.

Section 3. All provisions of Appendix C, the Land Development Code of the City of Peoria, with respect to the Class R-4 (Single-Family Residential) Districts shall remain applicable to the above-described premises, with exception to the Special Use herein permitted.

Section 4. This Ordinance shall be in full force and effect from and after its passage and approval according to law.

PASSED BY THE CITY COUNCIL OF THE CITY OF PEORIA, ILLINOIS THIS 22nd DAY OF April, 2014.

APPROVED:

Mayor

ATTEST:

City Clerk

EXAMINED AND APPROVED:

Corporation Counsel

ORDINANCE NO. 17,094

ATTACHMENT A

Peoria High School Athletic Facilities
List of Properties Included in Special Use Area
Updated: 3/12/14

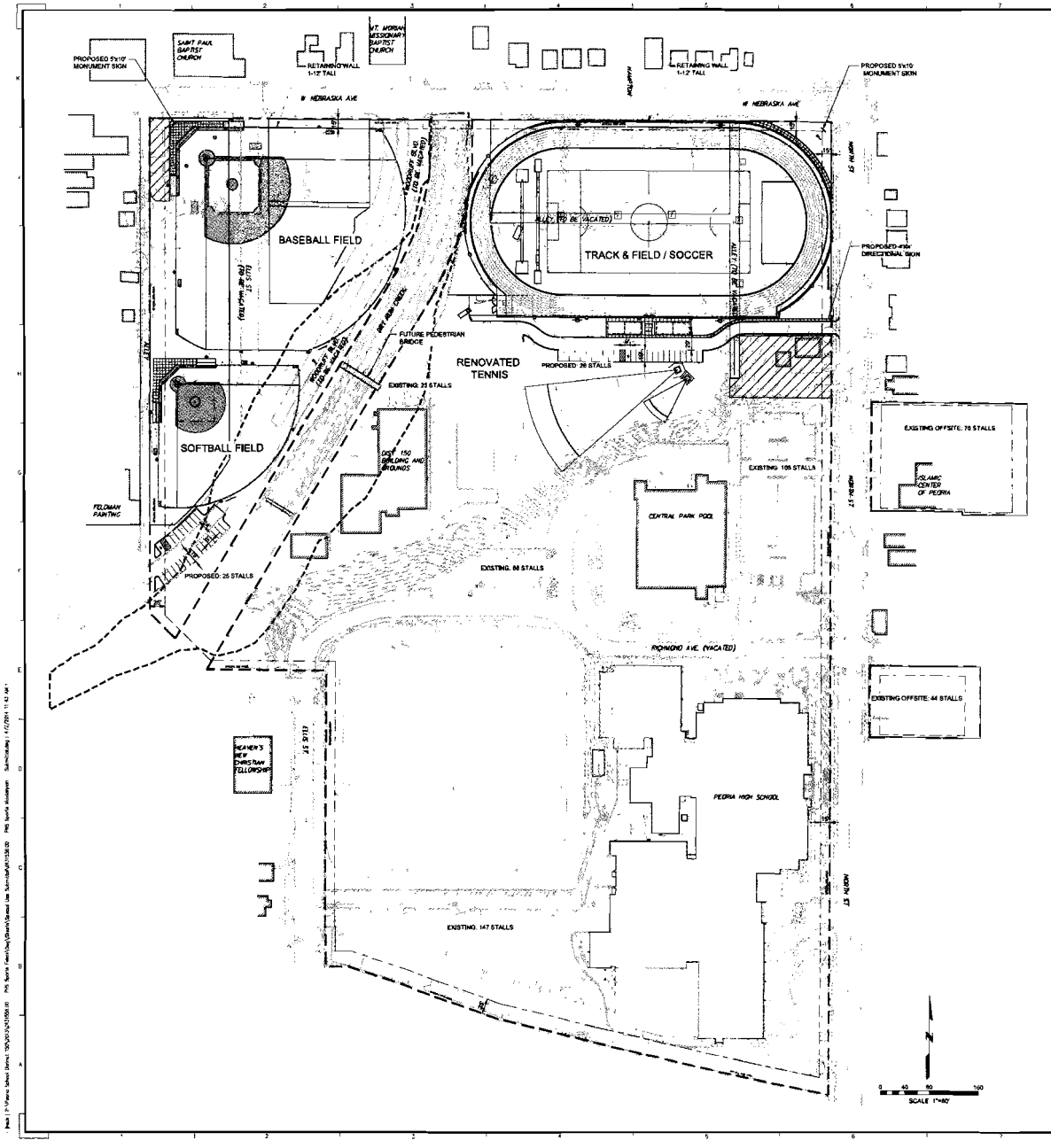
Need Signature Page

Owned by PSD150

Property Address	Parcel ID	Owner's Name	Owner's Address	Owner's City State
1803 N. Ellis	18-04-101-028 18-04-101-029	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
1805 N. Ellis	18-04-101-033	Steven L & Evelyn C Tobin	Florida	
1809 N. Ellis	18-04-101-025	Peoria District #150	1809 Ellis	Peoria, IL 61604
1811 N. Ellis	18-04-101-024	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
1813 N. Ellis	18-04-101-034	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
1815 N. Ellis	18-04-101-022	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
1819 N. Ellis	18-04-101-021	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
1812 N. Ellis	18-04-102-005	Peoria District #150	1812 N. Ellis	Peoria, IL 61604
1820 N. Ellis	18-04-102-008	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
W. Woodruff Blvd	18-04-101-030	Feldman Printing		
410 W. Nebraska	18-04-103-010	Peoria District #150		Peoria, IL 61612
412 W. Nebraska	18-04-103-009	Mary Eckwood & Lafayette Thomas	412 W. Nebraska	Peoria, IL 61604
414 W. Nebraska	18-04-103-008	Peoria District #150		Peoria, IL 61604
416 W. Nebraska	18-04-103-007	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
420 W. Nebraska	18-04-103-006	Peoria District #150		Peoria, IL 61612
424 W. Nebraska	18-04-103-005	Peoria District #150	2013 W. Overbrook Dr.	Peoria, IL 61604
W. Nebraska Ave	18-04-103-049	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
430 W. Nebraska	18-04-103-048	Robert C. Vaughan	P.O. Box 303	Sparta, NC 28675
434 W. Nebraska	18-04-103-003	Gladys Gama	434 W. Nebraska	Peoria, IL 61604
506 W. Nebraska	18-04-102-007	The Hendersons	506 W. Nebraska	Peoria, IL 61604
510 W. Nebraska	18-04-102-006	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
602 W. Nebraska	18-04-101-035	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
1615 N. North St.	18-04-103-050	Public Building Commission	3202 N. Wisconsin Ave.	Peoria, IL 61603
1701 N. North St.	18-04-103-045	Peoria Park District		
1716 N. North St.	18-04-126-021	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
1720 N. North St.	18-04-126-020	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
N. North Street	18-04-126-019	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
1801 N. North St.	18-04-103-028	Peoria District #150	1239 Sunset	East Peoria
1811 N. North St.	18-04-103-026	Peoria District #150		Peoria, IL 61612
1813 N. North St.	18-04-103-025	Bobby A & Rose M Irvin	1813 N. North St.	Peoria, IL 61604
1817 N. North St.	18-04-103-024	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
1821 N. North St.	18-04-103-023	Peoria District #150	3202 N. Wisconsin Ave.	Peoria, IL 61603
501 W. Richmond	18-04-103-016	Peoria Park District		

Peoria County, IL

Map Scale
1 inch = 400 feet
2/12/2014



PARKING SCHEDULE.

REQUIRED:
1 STALL PER 8 STUDENTS
1 STALL PER EMPLOYEE
1,388 STUDENTS = 174 STALLS
170 EMPLOYEES = 170 STALLS
= 344 STALLS

PROVIDED
EXISTING:341
PROPOSED:51
OFFSITE:114
= 506 STALLS (14 ACCESSIBLE)

EXISTING LEGEND

BENCHMARK
CONTROL POINT
IRON PIPE
STORM MANHOLE
INLET - MANHOLE TYPE
CURB INLET
INLET - GRATE TYPE
DOWNSPOUT
SANITARY MANHOLE
CLEANOUT
FIRE HYDRANT
WATER VALVE
WATER METER
WATER METER VAULT
WATER SHUT-OFF
STREET LIGHT
FLOOD LIGHT
UTILITY POLE
STREET LIGHT
ELECTRIC METER
GAS METER
GAS VALVE
COMMUNICATION PEDESTAL
ELEC. TRANSFORMER
ELEC. HANDHOLE/BOX
AIR CONDITIONING UNIT
SIGN
BOLLARD
FLAG
TRAFFIC SIGNAL
STORM SEWER
SANITARY SEWER
WATERMAIN
ELECTRIC LINE
GAS LINE
TELEPHONE LINE
OVERHEAD UTILITY
FENCE
LANDSCAPING
DECIDUOUS TREE
EVERGREEN TREE
BUSH

SPECIAL USE AREA
BUILDING SETBACK
PROPERTY NOT INCLUDED IN SPECIAL USE AREA

PROPERTY DESCRIPTION:

Beginning at the intersection of the South Right-of-Way Line of Nebraska Avenue and the West Right-of-Way Line of North Street; thence south along the West Right-of-Way Line of said North Street to the Westerly extension of the North Line of Lot 25 in Armstrong's Subdivision as also being the North Line of Parcel 2 as described in Document Number 2013-024721, in the Peoria County Recorder of Deeds Office; thence east along said North Line and the Westerly Extension to a line 15 feet parallel to the East Line of J.H. Bunn's Subdivision; thence south along said parallel line 181 feet more or less to the South Line of said Parcel 2; thence west along said South Line 108.49 feet to the West Line of said Parcel 2; thence north along said West Line & East to a point on the South Line of said Parcel 2: thence west along said South Line and the Westerly Extension of said line to the West Right-of-Way line of North Street; thence south along said West Right-of-Way Line to the Westerly extension of the South Right-of-Way Line of Richmond Avenue; thence east along said South Right-of-Way Line and Westerly Extension to the West Right-of-Way Line of a 16 foot wide alleyway in Butler's Estate Subdivision; thence south along said West Right-of-Way Line to the South Line of Lot 3 in said Butler's Estate Subdivision; thence west along said South Line and the Westerly Extension of said South Line to the West Right-of-Way Line of North Street; thence south along said West Right-of-Way Line to the Northerly Right-of-Way Line of Interstate 74; thence north and northwest along said Northerly Right-of-Way Line to the East Right-of-Way Line of Ellis Street; thence north along said East Right-of-Way Line to the North Right-of-Way Line of Richmond Avenue; thence west along said North Right-of-Way Line 197 feet more or less; thence northwest 130.00 feet more or less to the southerly extension of the East Right-of-Way Line of a 16 foot wide alleyway in Block 10 of East Clarendon Subdivision; thence north along said East Right-of-Way Line to the South Right-of-Way Line of Nebraska Avenue, thence east along said South Right-of-Way Line to the Point of Beginning. Excepting therefrom North Street as dedicated to the City of Peoria, a strip of ground known as Dry Run Creek, also excepting therefrom Tract-2 as described in Document Number 08-10755, and a parcel described in Document Number 97-22158. Containing 83 acres, more or less

PRELIMINARY

Farnsworth GROUP
7707 N KNOXVILLE AVE, SUITE 100
PEORIA, ILLINOIS 61614
(309) 689-0808 / info@f-w.com
www.f-w.com
Engineers | Architects | Surveyors | Scientists

ISSUE:

#	Date	Description
1	04/03/14	REVISED SUBMITTAL

PEORIA public schools
Where remarkable happens every day

PUBLIC BUILDING COMMISSION OF PEORIA

PROJECT:
Peoria School District 150

Peoria High School Athletic Facilities Improvements

Peoria, IL

Date	12-02-13
Design/Drawn	JLH
Reviewed	BAB
Book No.	- Field -

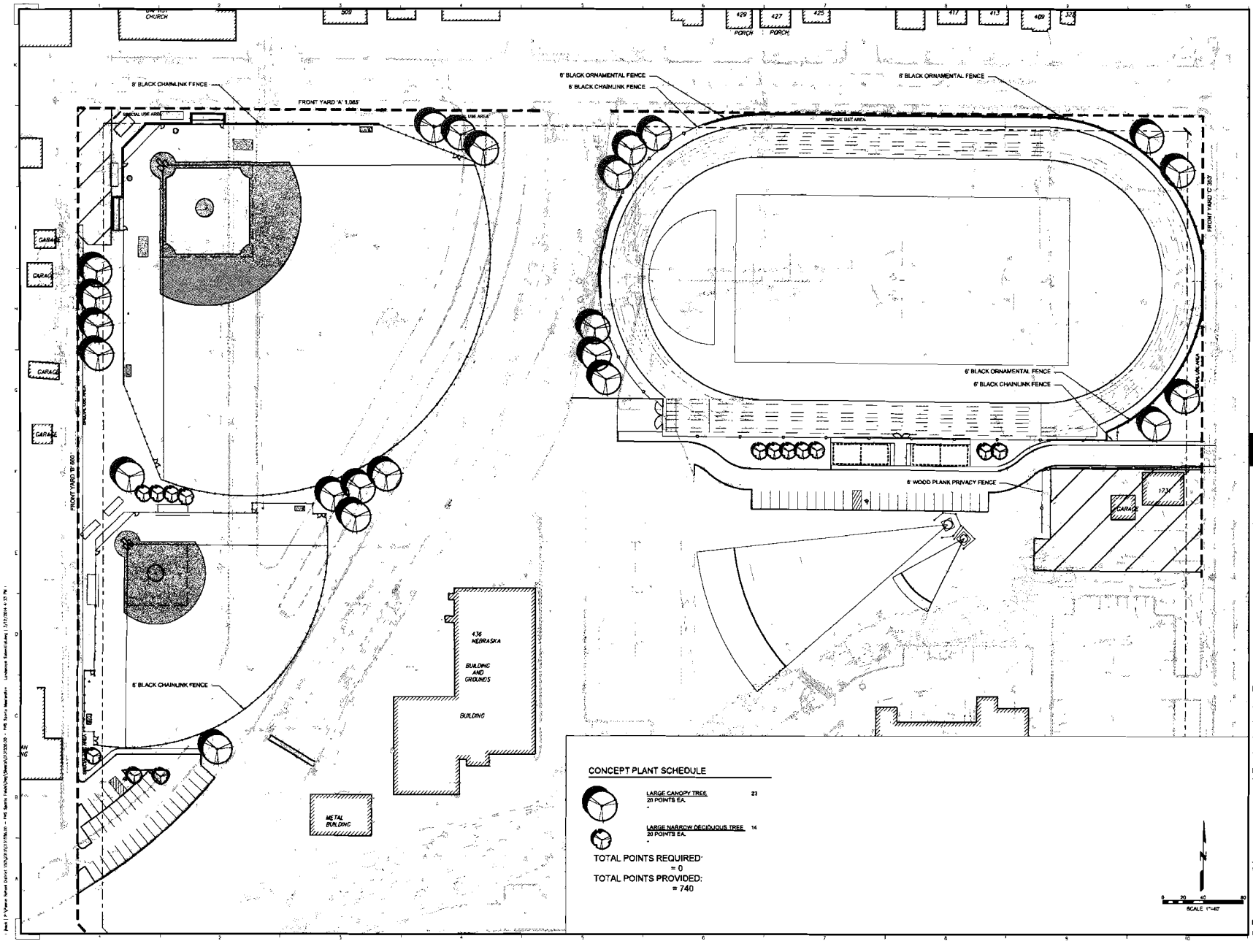
SHEET TITLE:
Overall Site Plan

DRAFT
NOT FOR CONSTRUCTION

SHEET NUMBER:
1

Project No. 0131556.00

ORDINANCE NO. 17,094



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ISSUE

#	Date	Description

DRAFT
NOT FOR CONSTRUCTION

PROJECT
Peoria School District 150

Peoria High School Athletic Facilities Improvements

Peoria, IL

Date	12-02-13
Design/Drawn:	JLH
Reviewed	BAB
Book No. -	Field -

SHEET TITLE
LANDSCAPE PLAN

SHEET NUMBER
L0.0

Project No 0131556.00

ORDINANCE NO. 17,094

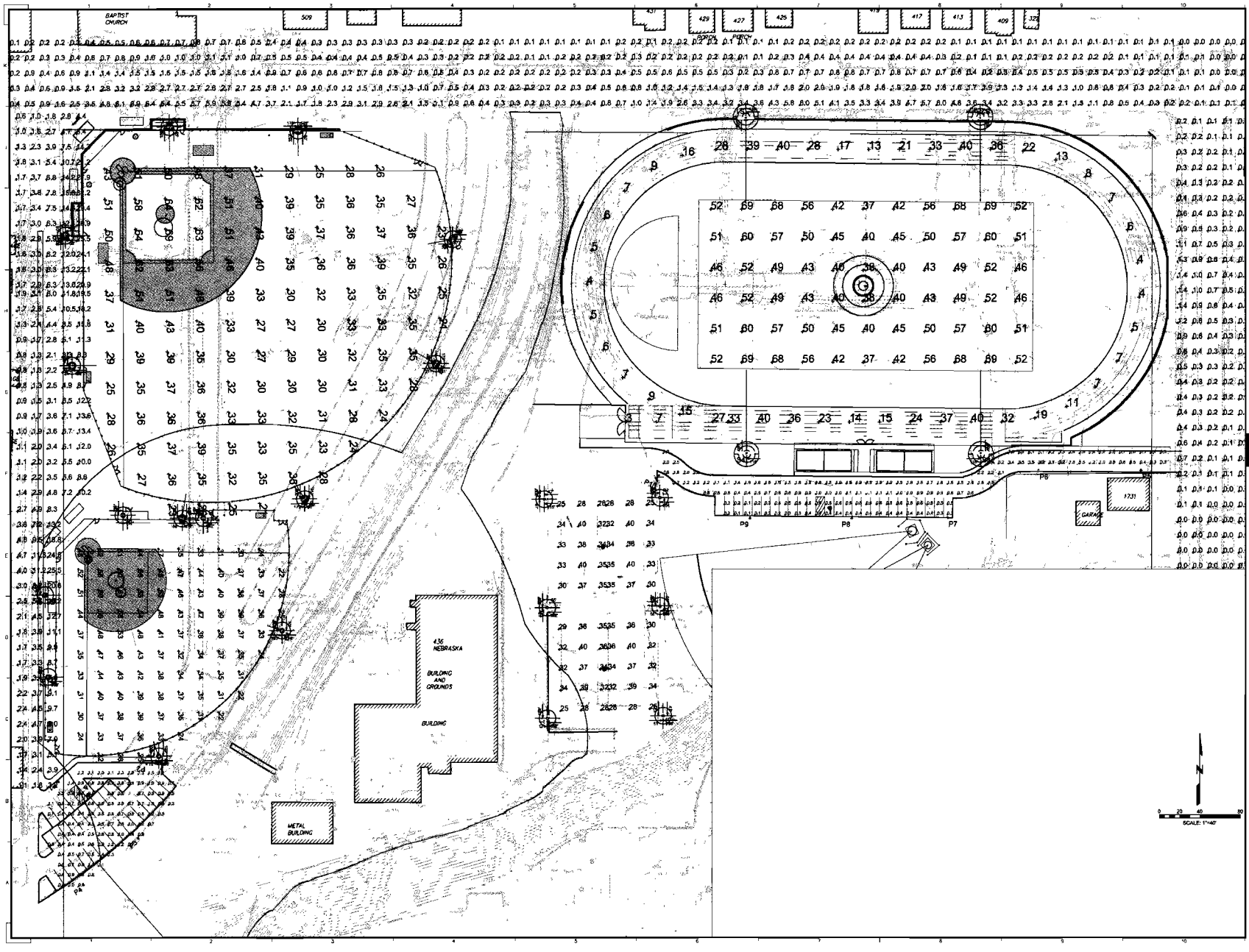
Farnsworth
GROUP

Date 12-02-13
Design/Drawn JLH
Reviewed BAB
Book No. Field

PHS Sports Fields
Masterplan
DESIGN INTENT

Project No.

ORDINANCE NO. 17,094



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#	Date	Description

PRELIMINARY

DRAFT
NOT FOR CONSTRUCTION

PROJECT
Peoria School District 150

Peoria High School Athletic Facilities Improvements

Peoria, IL

Date:	12-02-13
Design/Drawn	JLH
Reviewed	JE
Book No. -	Field: -

SHEET TITLE
PHOTOMETRICS PLAN

SHEET NUMBER
E0.0

Project No. 0131556.00

ORDINANCE NO. 17,094

D-Series Size 1
Mast Arm Mount LED Area Luminaire

Catalog Number

Notes
Driveway & parking fixture

Type

d"series

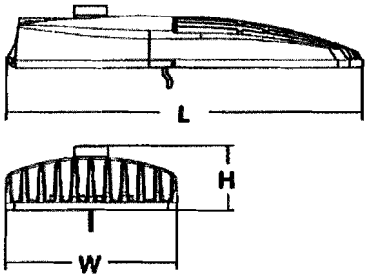
Introduction

The modern styling of the D-Series is striking yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment.

The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing 100 – 400W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

Specifications

EPA:	0.9 ft² (0.08 m²)
Length:	27" (68.6 cm)
Width:	13" (33.0 cm)
Height:	5" (12.7 cm)
Weight (max):	26 lbs (11.8 kg)



EXAMPLE: DSX1 LED 2 30B700/40K SR3 MVOLT MA DDBXD

DSX1 LED

DSX1 LED	1 One engine (30 LEDs) 2 Two engines (60 LEDs)	**530 mA options:** 30B530/30K 3000K 30B530/40K 4000K 30B530/50K 5000K **700 mA options:** 30B700/30K 3000K 30B700/40K 4000K 30B700/50K 5000K	SR2 Type II SR3 Type III SR4 Type IV SR5 Type V FT Forward throw	MVOLT [2] 120 [3] 208 [3] 240 [3] 277 [3] 347 [3] 480 [3]	MA Mast arm ready	**Shipped installed** (blank) No NEMA twist-lock receptacle (decorative cover), wildlife shield, trigger latch, and bridge fitter DMG 0-10V dimming driver (no controls) [4] PER NEMA twist-lock receptacle only (no controls) DCR Dimmable and controllable via ROAM® (no controls) [5] HS House-side shield [6] WTB Utility terminal block DS Dual switching [7,8] BUBLVL External bubble level	DDBXD Dark bronze DBLXD Black DNAXD Natural aluminum DWHXD White DDBTXD Textured dark bronze DBLBXD Textured black DNATXD Textured natural aluminum DWHGXD Textured white

Accessories

Ordered and shipped separately

	Pole-mounted motion/ambient sensor, 8-15' mounting height, MVOLT (specify finish)
	Pole-mounted motion/ambient sensor, 15-30' mounting height, MVOLT (specify finish)
DLL127F 1.5 JU	Photocell - SSL twist-lock, MVOLT [9]
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) [9]
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) [9]
SCU	Shorting cap [9]
DSX1HSU	House-side shield (one per light engine)

For more control options, visit , and online.

Visit Lithonia Lighting's to see our wide selection of poles, accessories and educational tools.

NOTES

1. Configured with 4000K (/40K) provides the shortest lead times. Consult factory for 3000K (/30K) and 5000K (/50K) lead times.
2. MVOLT driver operates on any line voltage from 120-277V (50/60Hz).
3. Not available with single board, 530 mA product (1 30B530).
4. Not available with 347 or 480V.
5. Specifies a ROAM® enabled luminaire with 0-10V dimming capability; requires NEMA twist-lock receptacle. Not available with 347 or 480V. Additional hardware and services required for ROAM® deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net.
6. Also available as a separate accessory; see Accessories information at left.
7. Requires two light engines. Provides 50% dimming capability via two independent drivers, each operating half the luminaire. N/A with PER, DCR, DMG, WTB or 530mA with 347v or 480v.
8. Requires an additional switched line.
9. Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item.

One Lithonia Way • Conyers, Georgia 30012 • Phone: 800.279.8041 • Fax: 770.918.1209 •

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

1 (30 LEDs)	530	30B530/--K	55W	SR2	4634	1	0	1	84	5056	1	0	1	92
				SR3	4695	1	0	2	85	5123	1	0	2	93
				SR3 HS	3425	0	0	1	61	3737	0	0	1	68
				SR4	4694	1	0	2	85	5122	1	0	2	93
				SR4 HS	3459	0	0	1	62	3774	0	0	2	69
				SR5	4696	3	0	1	85	5124	3	0	1	93
				FT	4694	1	0	1	85	5122	1	0	2	93
	700	30B700/--K	73W	SR2	5679	1	0	1	77	6233	2	0	2	85
				SR3	5835	1	0	2	79	6394	2	0	2	88
				SR3 HS	4239	0	0	2	58	4645	0	0	2	64
				SR4	5798	1	0	2	79	6354	1	0	2	87
				SR4 HS	4294	0	0	2	58	4706	0	0	2	64
				SR5	5769	3	0	1	79	6322	3	0	2	87
				FT	5820	1	0	2	79	6378	1	0	2	87
2 (60 LEDs)	530	30B530/--K	106W	SR2	9109	2	0	2	86	9979	2	0	2	93
				SR3	9257	2	0	2	87	10,010	2	0	3	94
				SR3 HS	6717	0	0	2	64	7262	0	0	2	69
				SR4	9264	2	0	2	87	10,010	2	0	2	94
				SR4 HS	6800	0	0	2	64	7446	0	0	2	70
				SR5	9223	4	0	2	87	10,198	4	0	2	96
				FT	9183	2	0	2	87	10,020	2	0	2	95
	700	30B700/--K	143W	SR2	11,176	2	0	2	78	12,312	3	0	3	86
				SR3	11,391	2	0	3	80	12,462	2	0	3	87
				SR3 HS	8265	0	0	2	58	9047	0	0	2	63
				SR4	11,332	2	0	2	79	12,368	2	0	3	86
				SR4 HS	8318	0	0	2	58	9149	0	0	2	64
				SR5	11,723	4	0	2	82	12,455	4	0	2	87
				FT	11,662	2	0	3	82	12,531	2	0	3	87

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the DSX1 LED 2 30B700 platform in a 40°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

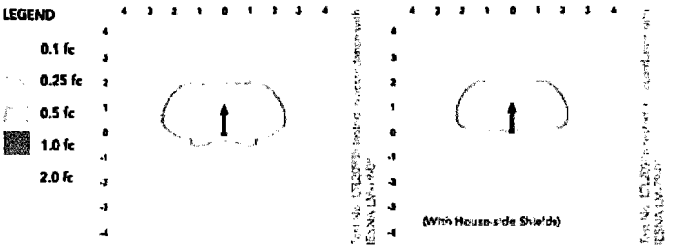
	0	25,000	50,000	100,000
	1.0	0.95	0.92	0.87

Electrical Load

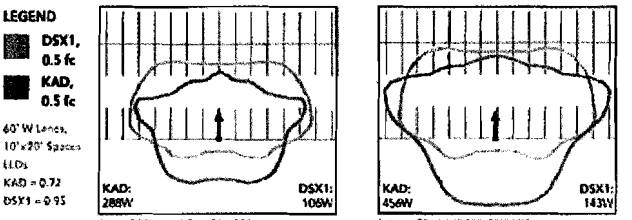
			120	208	240	277	347	480
1	530	55W	0.46	0.26	0.23	0.20	0.16	0.11
	700	73W	0.61	0.35	0.30	0.26	0.21	0.15
2	530	106W	0.89	0.51	0.44	0.38	0.31	0.22
	700	143W	1.19	0.69	0.60	0.52	0.41	0.30

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's

Isofootcandle plots for the DSX1 LED 2 30B700/50K SR3. Distances are in units of mounting height (20').



Distribution overlay comparisons to 250W and 400W metal halide.



DSX1 LED 2 30B530/50K SR3, KAD 250M R3 Pulse, 25' Mounting Ht

DSX1 LED 2 30B700/50K SR3, KAD 400M R3 Pulse, 30' Mounting Ht

FEATURES & SPECIFICATIONS

INTENDED USE

The sleek design of the D-Series Size 1 reflects the embedded high performance LED technology. It is ideal for many commercial and municipal applications, such as parking lots, plazas, campuses, and streetscapes.

CONSTRUCTION

Single-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance and future light engine upgrades. The LED driver is mounted in direct contact with the casting to promote low operating temperature and long life. Low EPA (0.9 ft²) for optimized pole wind loading.

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in both textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses are engineered for superior area lighting distribution, uniformity, and pole spacing. Light engines are available in 3000K (80 CRI), 4000K (67 CRI) or 5000K (67 CRI) configurations. The D-Series Size 1 has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine(s) consist of 30 high-efficacy LEDs mounted to a metal-core circuit board to maximize heat dissipation and promote long life (100,000 hrs at 40°C, L87). Class 1 electronic driver has a power factor >90%, THD <20%, and has an expected life of 100,000 hours with <1% failure rate. Easily-serviceable surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).

INSTALLATION

Four-bolt mast arm mount provides easy, secure installation for nominal 1-1/4" to 2" diameter arms (1-5/8" to 2-3/8" O.D.) and enables the D-Series Size 1 to withstand up to a 3.0 G vibration load rating per ANSI C136.31. Housing includes cast-in wildlife shield. Die-cast trigger latch on door provides tool-less entry for easy and secure opening with one hand, top-side leveling crosshairs and internal bubble level assist with installation.

LISTINGS

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated. Rated for -40°C minimum ambient. U.S. D663,462 S. International patents pending.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at to confirm which versions are qualified.

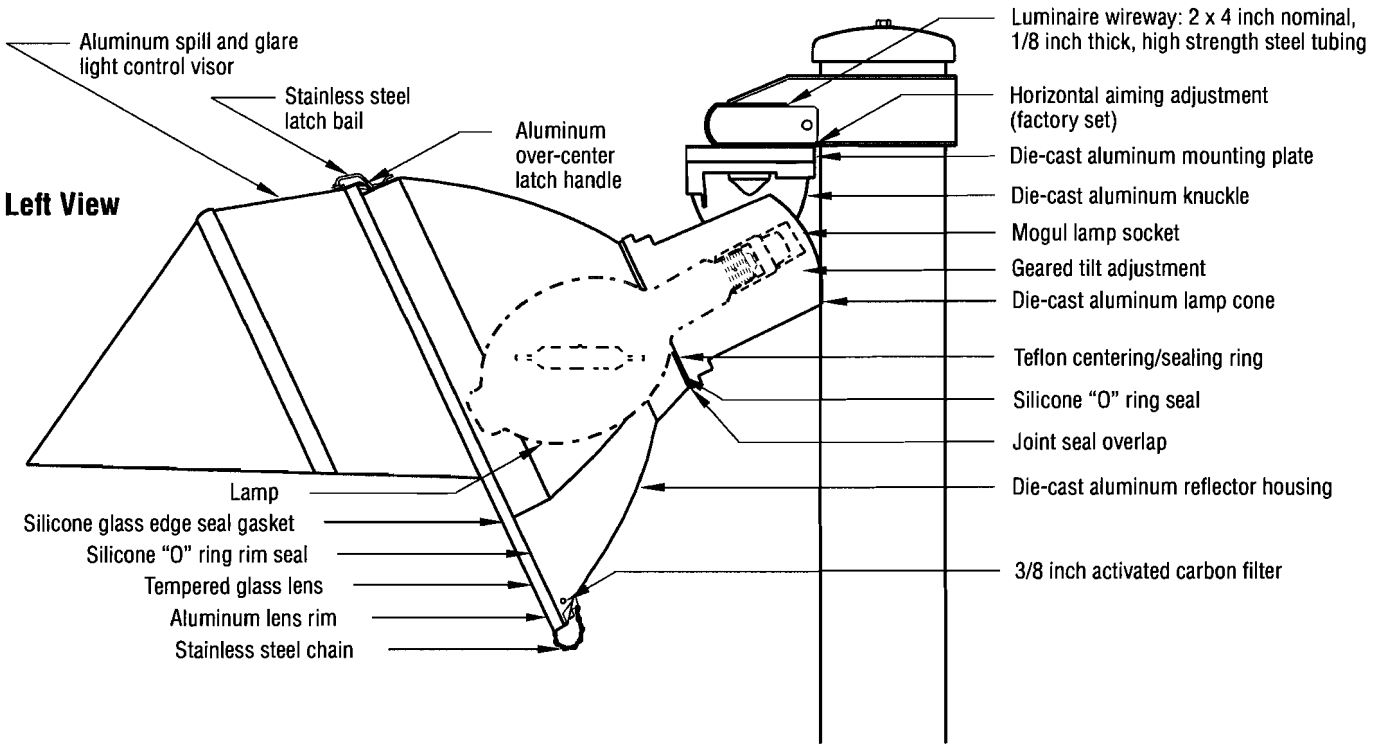
WARRANTY

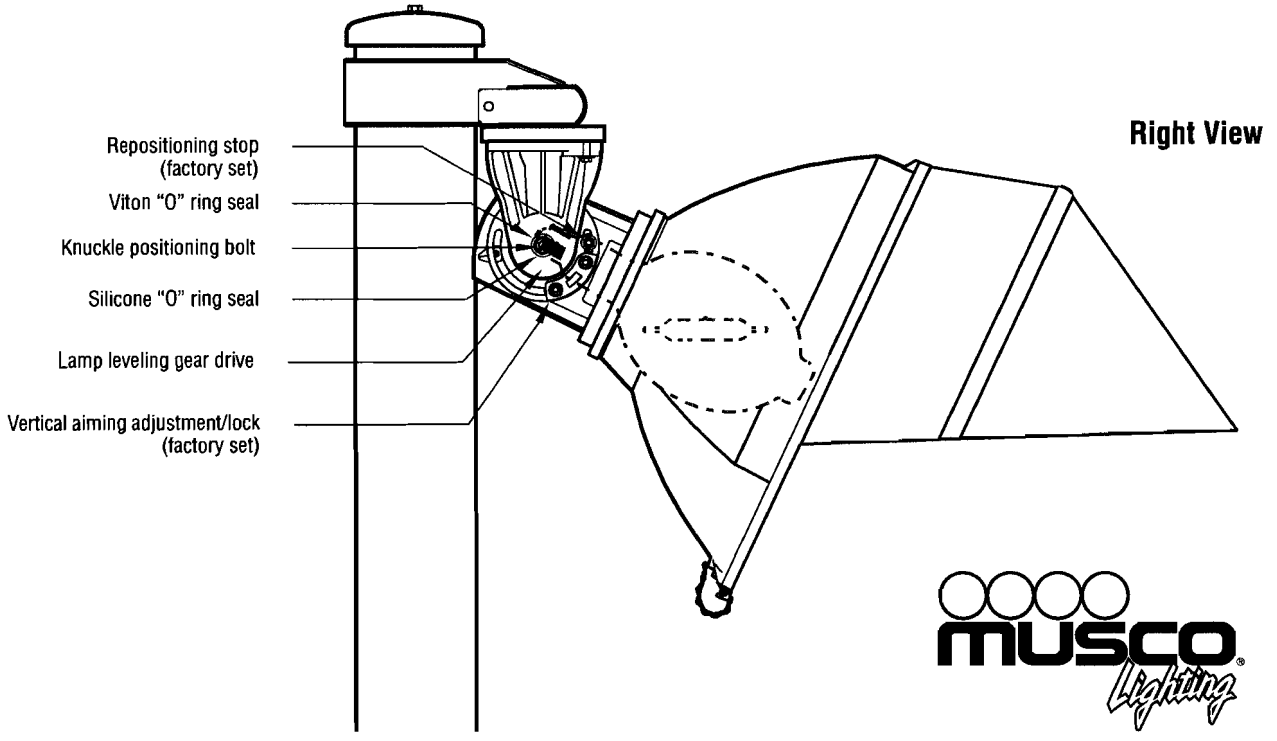
Five year limited warranty. Full warranty terms located at .

Note: Specifications subject to change without notice.

Light·Structure GREEN™

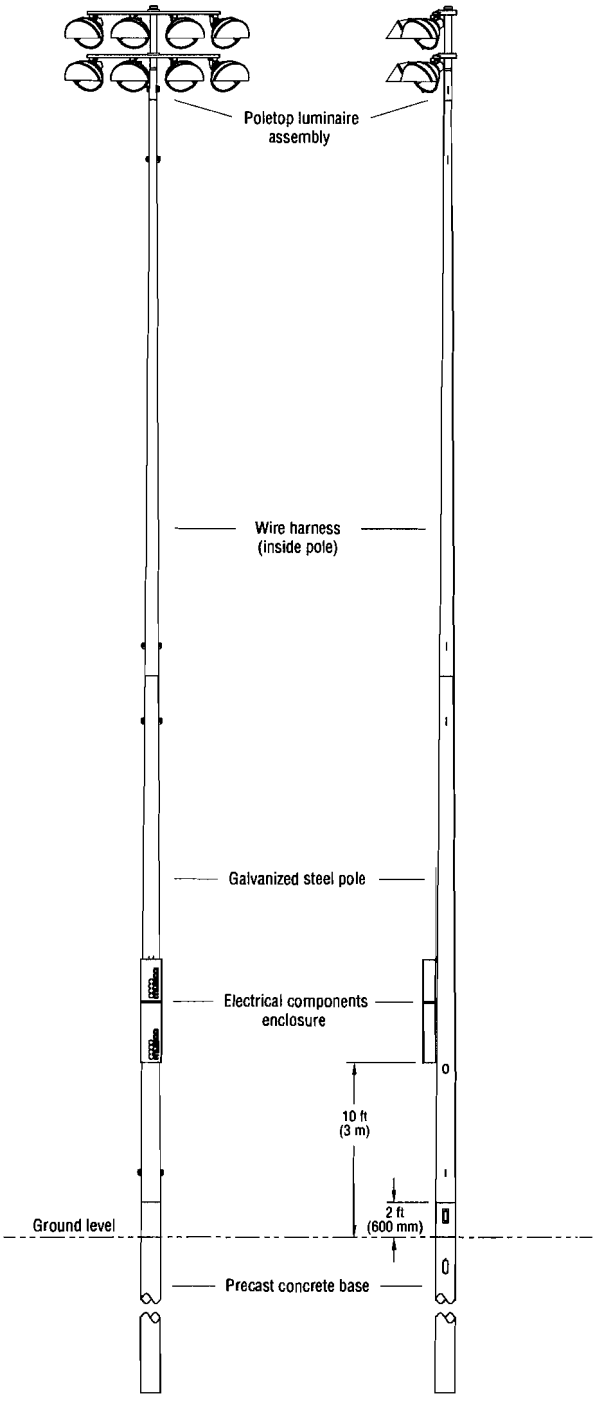
Luminaire Assembly





MUSCO Lighting
800/825-6030
www.musco.com
lighting@musco.com

Patents issued and pending.



PRELIMINARY

CONFIGURATION	LSG-08
DRAWN BY	RWS
APPROVED BY	
SCALE	Not to scale
DATE	10/23/13
DRAWING NUMBER	M-1223-enUS-5

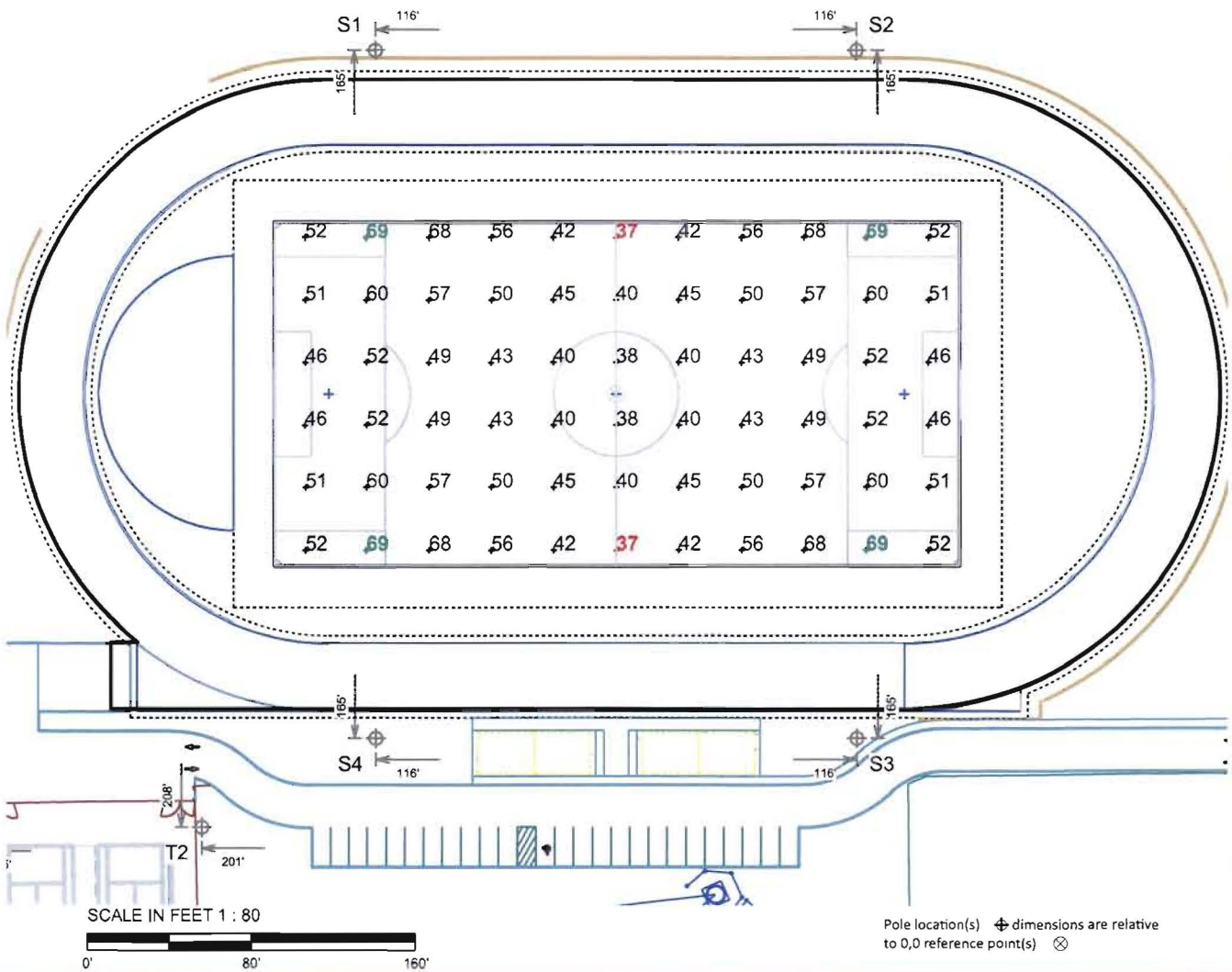
Light-Structure Green™ system
(8) metal halide luminaire
Typical configuration

musco Lighting

CORPORATE OFFICE.
P.O. Box 808
100 1st Avenue West
Oskaloosa, Iowa 52577
+1-800-825-6020
+1-641-673-0411

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	80'	-	80'	1500W MZ	13	13	0
4	TOTALS					52	52	0



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

musco Lighting

MY PROJECT

Name: **Peoria Central High School Complex**
Location: Peoria,IL

GRID SUMMARY

Name: **Soccer**
Size: 330' x 165'
Spacing: 30.0' x 30.0'
Height: 3.0' above grade

CONSTANT ILLUMINATION

SUMMARY — HORIZONTAL FOOTCANDLES

	Entire Grid
Guaranteed Average:	**50**
Scan Average:	50.7
Maximum:	69
Minimum:	37
Avg / Min:	1.36
Guaranteed Max / Min:	**2**
Max / Min:	1.84
UG (adjacent pts):	1.32
CU:	0.43
No. of Points:	66

LUMINAIRE INFORMATION

Luminaire Type:	Green Generation
Rated Lamp Life:	5,000 hours
Design Lumens:	134,000
Avg Lamp Tilt Factor:	1.000
No. of Luminaires:	52
Avg KW:	81.33 (88.4 max)

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

Field Measurements: Illumination measured in accordance with IESNA LM-5-04 and CIBSE LG4. Individual values may vary. See the Warranty document for details.

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.

ENGINEERED DESIGN

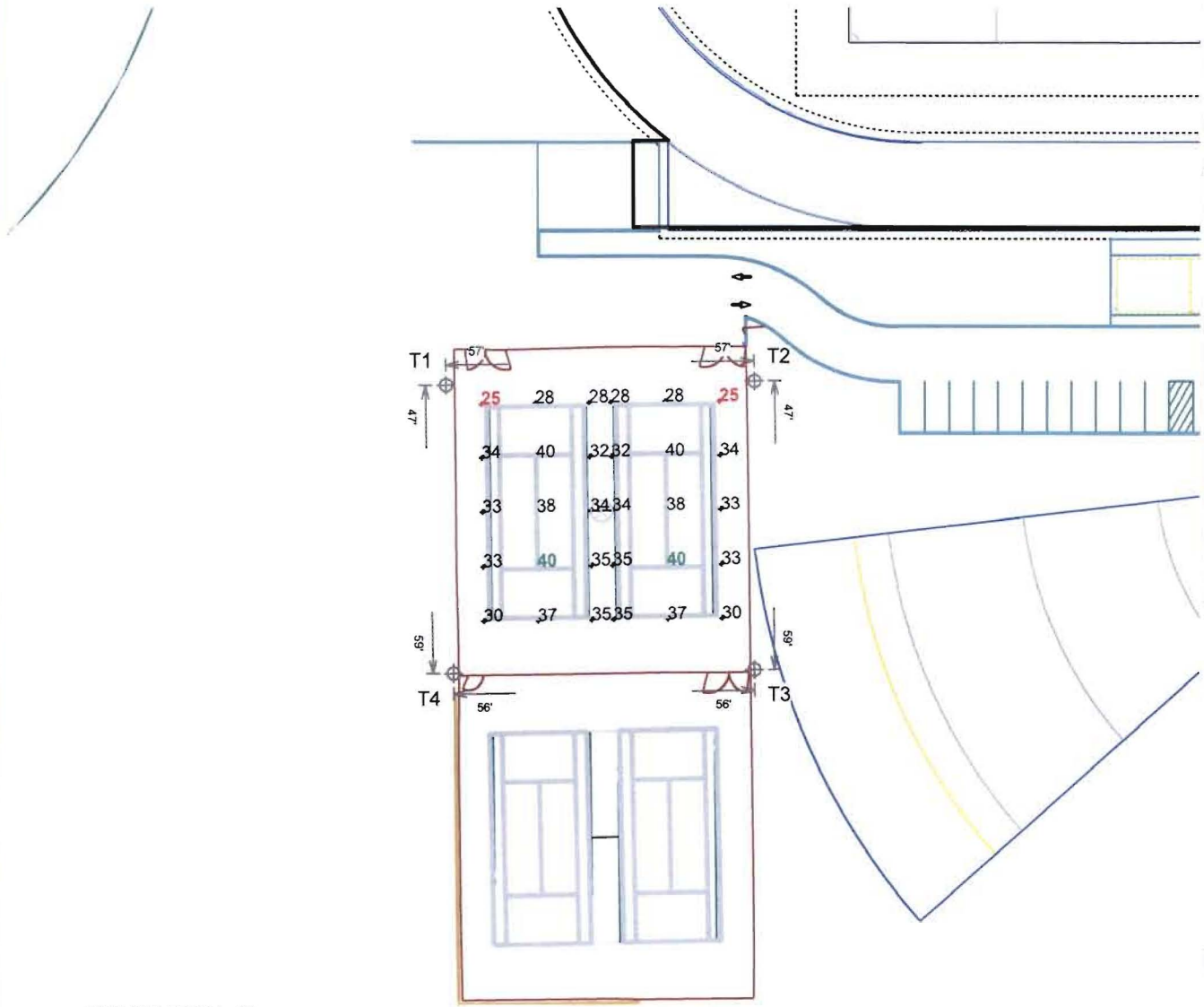
By: **Eric Svenby**
File # / Date: 167924B 27-Feb-14

ILLUMINATION SUMMARY

ORDINANCE NO. 17,094

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	T1-T2	50'	-	50'	1000W MZ	2	2	0
2	T3-T4	50'	-	50'	1000W MZ	4	2	2
4	TOTALS					12	8	4



SCALE IN FEET 1 : 60

0' 60' 120'

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

musco Lighting

MY PROJECT

Name: Peoria Central High School Complex
Location: Peoria,IL

GRID SUMMARY

Name: Tennis 1-2
Size: 2 Court - 12' Spacing
Spacing: 20.0' x 20.0'
Height: 3.0' above grade

CONSTANT ILLUMINATION

SUMMARY — HORIZONTAL FOOTCANDLES

	Entire Grid
Guaranteed Average:	**30**
Scan Average:	33.4
Maximum:	40
Minimum:	25
Avg / Min:	1.34
Guaranteed Max / Min:	**2.5**
Max / Min:	1.60
UG (adjacent pts):	0.00
CU:	0.57
No. of Points:	30

LUMINAIRE INFORMATION

Luminaire Type:	Green Generation
Rated Lamp Life:	12,000 hours
Design Lumens:	88,000
Avg Lamp Tilt Factor:	1.000
No. of Luminaires:	8
Avg KW:	8.96 (10.4 max)

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

Field Measurements: Illumination measured in accordance with IESNA LM-5-04 and CIBSE LG4. Individual values may vary. See the Warranty document for details.

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.

ENGINEERED DESIGN

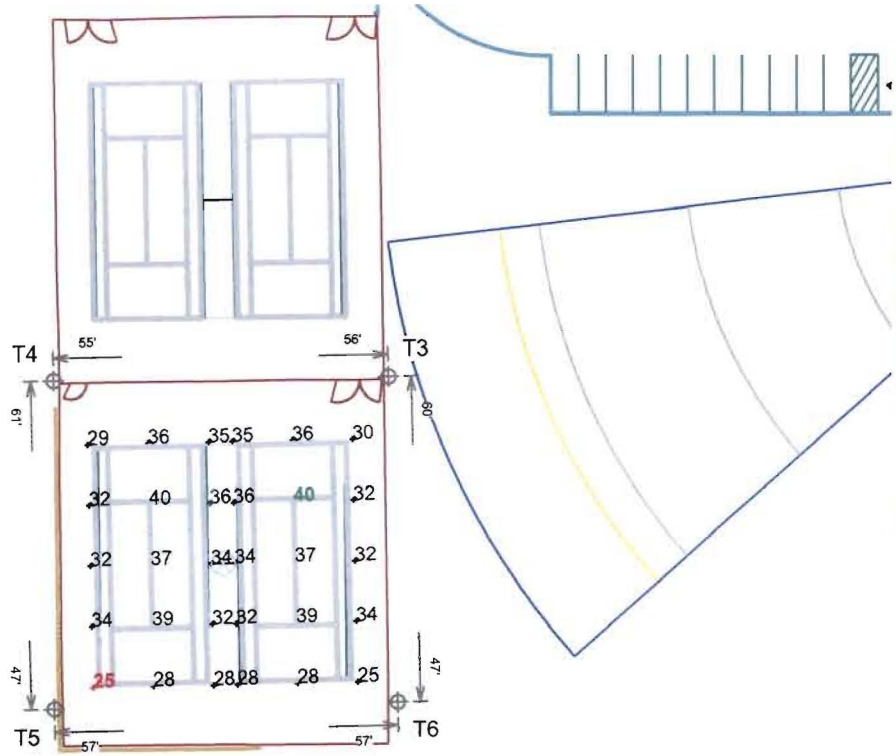
By: Eric Svenby
File # / Date: 167924B 27-Feb-14

ILLUMINATION SUMMARY

ORDINANCE NO. 17,094

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	T3-T4	50'	-	50'	1000W MZ	4	2	2
2	T5-T6	50'	-	50'	1000W MZ	2	2	0
4	TOTALS					12	8	4



SCALE IN FEET 1 : 60

0' 60' 120'

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

MY PROJECT

Name: Peoria Central High School Complex
Location: Peoria,IL

GRID SUMMARY

Name: Tennis 3-4
Size: 2 Court - 12' Spacing
Spacing: 20.0' x 20.0'
Height: 3.0' above grade

CONSTANT ILLUMINATION

SUMMARY	HORIZONTAL FOOTCANDLES
	Entire Grid
Guaranteed Average:	**30**
Scan Average:	33.2
Maximum:	40
Minimum:	25
Avg / Min:	1.31
Guaranteed Max / Min:	**2.5**
Max / Min:	1.58
UG (adjacent pts):	0.00
CU:	0.57
No. of Points:	30

LUMINAIRE INFORMATION	
Luminaire Type:	Green Generation
Rated Lamp Life:	12,000 hours
Design Lumens:	88,000
Avg Lamp Tilt Factor:	1.000
No. of Luminaires:	8
Avg KW:	8.96 (10.4 max)

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

Field Measurements: Illumination measured in accordance with IESNA LM-5-04 and CIBSE LG4. Individual values may vary. See the Warranty document for details.

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.

ENGINEERED DESIGN

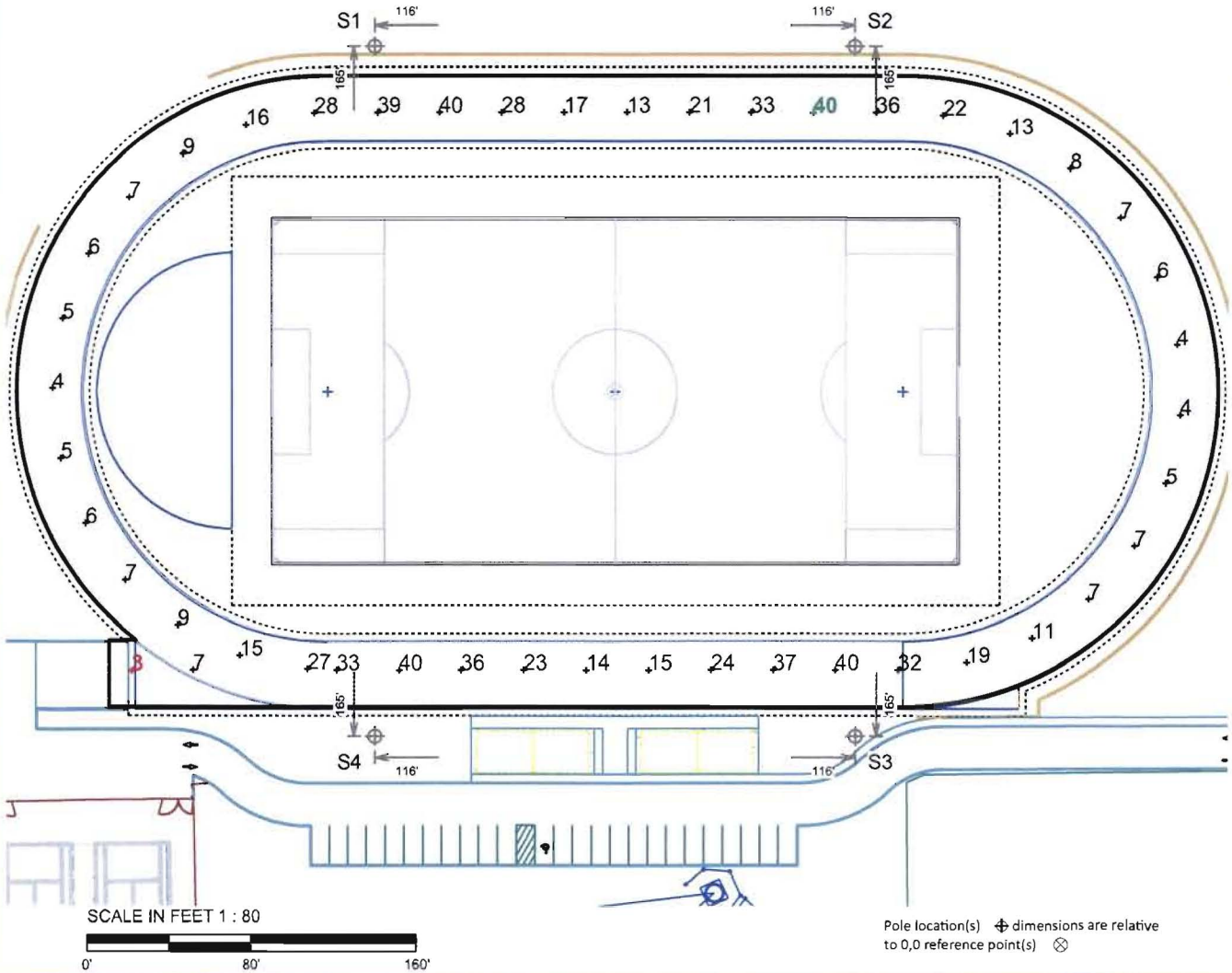
By: Eric Svenby
File # / Date: 167924B 27-Feb-14

ILLUMINATION SUMMARY

ORDINANCE NO. 17,094

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
4	S1-S4	80'	-	80'	1500W MZ	13	13	0
4	TOTALS					52	52	0



MY PROJECT

Name: **Peoria Central High School Complex**
Location: Peoria,IL

GRID SUMMARY

Name: **Track**
Size: Irregular
Spacing: 30.0' x 30.0'
Height: 3.0' above grade

CONSTANT ILLUMINATION

SUMMARY — HORIZONTAL FOOTCANDLES

	Entire Grid
Scan Average:	**18.0**
Maximum:	40
Minimum:	3
Avg / Min:	6.22
Max / Min:	**13.86**
UG (adjacent pts):	0.00
CU:	0.11
No. of Points:	46

LUMINAIRE INFORMATION

Luminaire Type:	Green Generation
Rated Lamp Life:	5,000 hours
Design Lumens:	134,000
Avg Lamp Tilt Factor:	1.000
No. of Luminaires:	52
Avg KW:	81.33 (88.4 max)

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

Field Measurements: Illumination measured in accordance with IESNA LM-5-04 and CIBSE LG4. Individual values may vary. See the Warranty document for details.

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.

ENGINEERED DESIGN

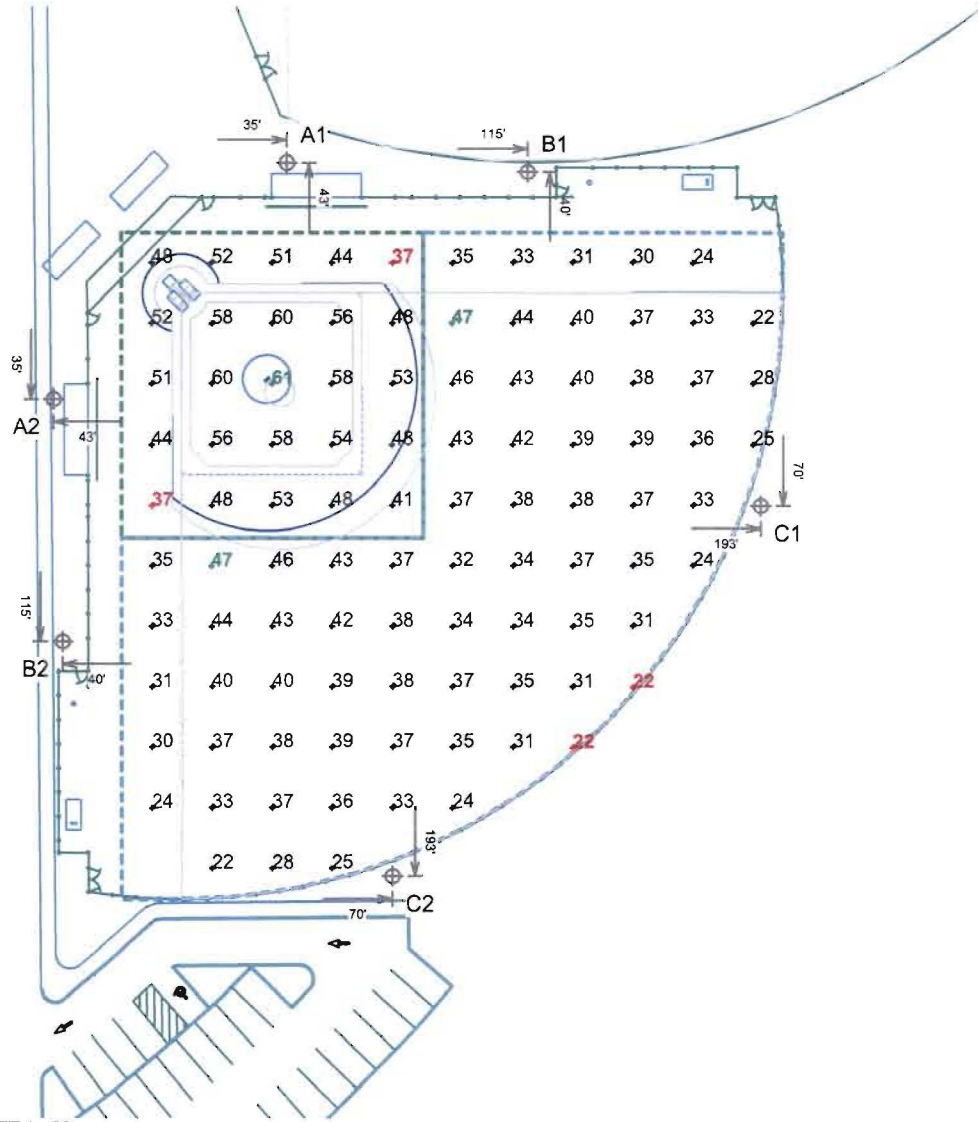
By: **Eric Svenby**
File # / Date: 167924B 27-Feb-14

ILLUMINATION SUMMARY

ORDINANCE NO. 17,094

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
6	A1-A2 B1-B2 C1-C2	60'	-	60'	1500W MZ	3	3	0
6	TOTALS					18	18	0



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

MY PROJECT

Name: Peoria Central High School Complex
Location: Peoria,IL

GRID SUMMARY

Name: Softball
Size: 200'/200'/200' - basepath 60'
Spacing: 20.0' x 20.0'
Height: 3.0' above grade

CONSTANT ILLUMINATION

SUMMARY — HORIZONTAL FOOTCANDLES

	Infield	Outfield
Guaranteed Average:	**50**	**30**
Scan Average:	51.0	35.0
Maximum:	61	47
Minimum:	37	22
Avg / Min:	1.39	1.62
Guaranteed Max / Min:	**2**	**2.5**
Max / Min:	1.67	2.17
UG (adjacent pts):	1.32	1.51
CU:	0.64	
No. of Points:	25	73

LUMINAIRE INFORMATION

Luminaire Type:	Green Generation
Rated Lamp Life:	5,000 hours
Design Lumens:	134,000
Avg Lamp Tilt Factor:	1.000
No. of Luminaires:	18
Avg KW:	28.15 (30.6 max)

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

Field Measurements: Illumination measured in accordance with IESNA LM-5-04 and CIBSE LG4. Individual values may vary. See the Warranty document for details.

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.

ENGINEERED DESIGN

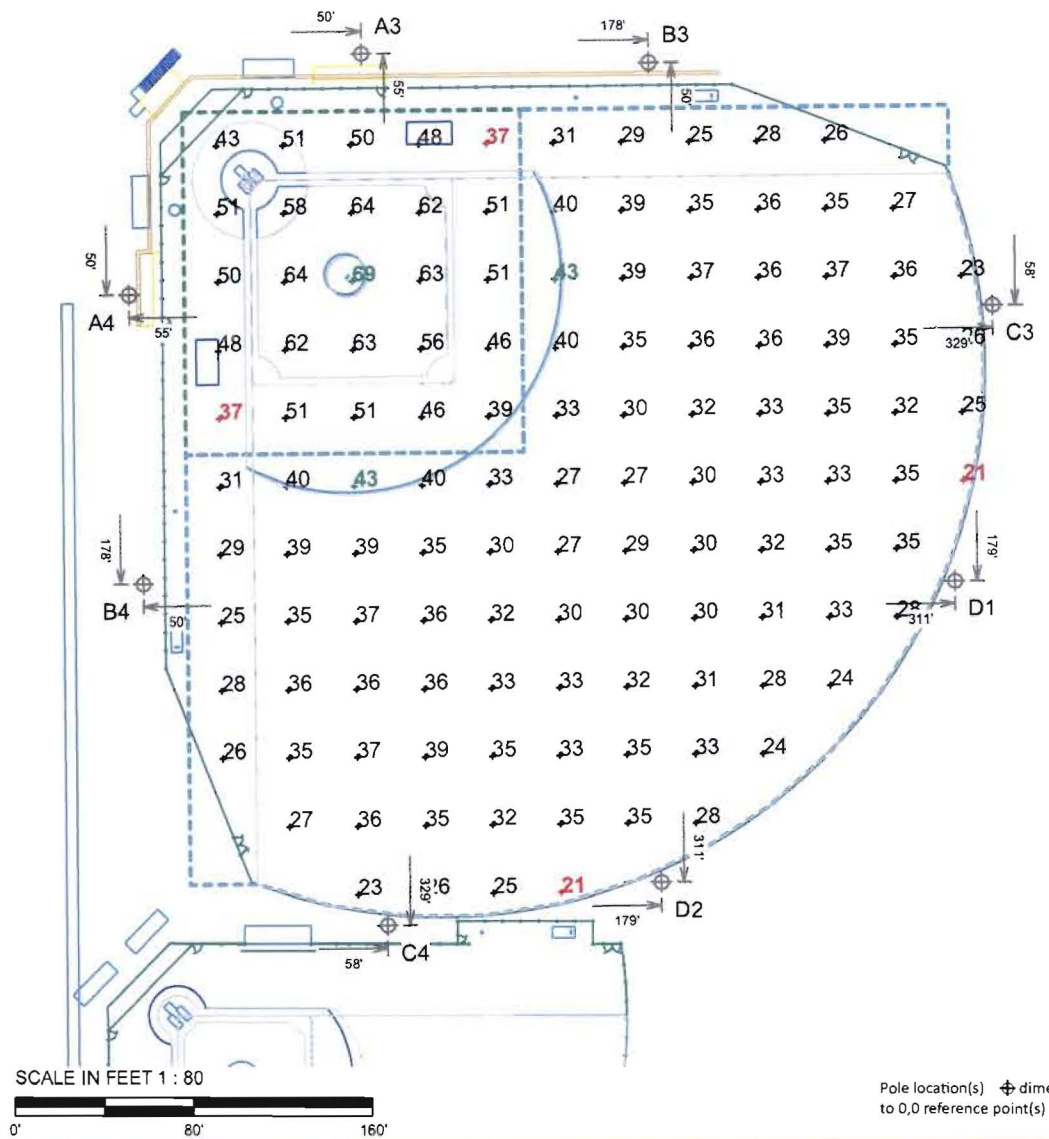
By: Eric Svenby
File # / Date: 167924B 27-Feb-14

ORDINANCE NO. 17,094

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
2	A3-A4	70'	-	70'	1500W MZ	5	5	0
2	B3-B4	80'	-	80'	1500W MZ	8	8	0
4	C3-C4 D1-D2	70'	-	70'	1500W MZ	4	4	0
8	TOTALS					42	42	0



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

musco Lighting

MY PROJECT

Name: **Peoria Central High School Complex**
Location: Peoria,IL

GRID SUMMARY

Name: **Baseball**
Size: 310'/360'/310' - basepath 90'
Spacing: 30.0' x 30.0'
Height: 3.0' above grade

CONSTANT ILLUMINATION

SUMMARY	HORIZONTAL FOOTCANDLES	
	Infield	Outfield
Guaranteed Average:	**50**	**30**
Scan Average:	52.3	32.3
Maximum:	69	43
Minimum:	37	21
Avg / Min:	1.41	1.54
Guaranteed Max / Min:	**2**	**2.5**
Max / Min:	1.85	2.05
UG (adjacent pts):	1.36	1.67
CU:	0.71	
No. of Points:	25	96

LUMINAIRE INFORMATION

Luminaire Type:	Green Generation
Rated Lamp Life:	5,000 hours
Design Lumens:	134,000
Avg Lamp Tilt Factor:	1.000
No. of Luminaires:	42
Avg KW:	65.69 (71.4 max)

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

Field Measurements: Illumination measured in accordance with IESNA LM-5-04 and CIBSE LG4. Individual values may vary. See the Warranty document for details.

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.

ENGINEERED DESIGN

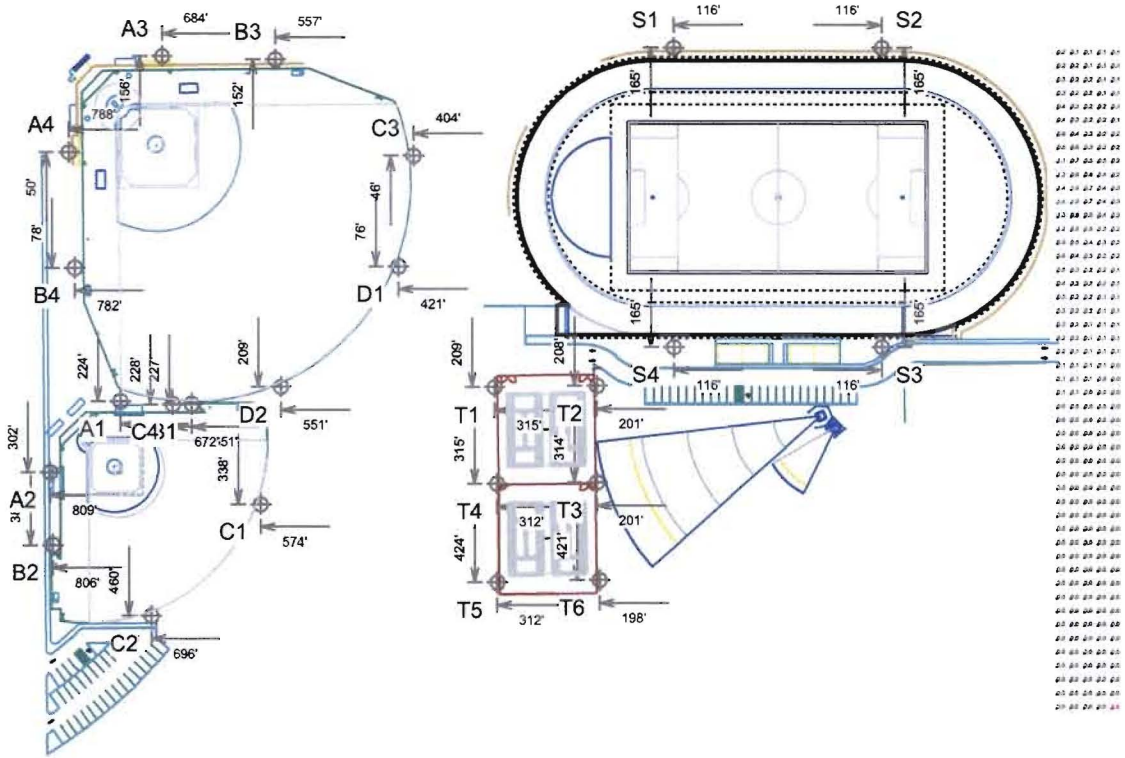
By: **Eric Svenby**
File # / Date: 167924B 27-Feb-14

ORDINANCE NO. 17,094

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
6	A1-A2 B1-B2 C1-C2	60'	-	60'	1500W MZ	3	3	0
2	A3-A4	70'	-	70'	1500W MZ	5	5	0
2	B3-B4	80'	-	80'	1500W MZ	8	8	0
4	C3-C4 D1-D2	70'	-	70'	1500W MZ	4	4	0
4	S1-S4	80'	-	80'	1500W MZ	13	13	0
4	T1-T2 T5-T6	50'	-	50'	1000W MZ	2	2	0
2	T3-T4	50'	-	50'	1000W MZ	4	4	0
24	TOTALS					128	128	0



SCALE IN FEET 1 : 200

0' 200' 400'

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

musco Lighting

MY PROJECT

Name: Peoria Central High School Complex
Location: Peoria,IL

GRID SUMMARY

Name: Spill @ North St
Size: 330' x 165'
Spacing: 15.0' x 15.0'
Height: 10.0' above grade

CONSTANT ILLUMINATION

SUMMARY	HORIZONTAL FOOTCANDLES
	Entire Grid
Scan Average:	**0.2**
Maximum:	1
Minimum:	0
Avg / Min:	34.03
Max / Min:	**275.85**
UG (adjacent pts):	1.66
CU:	0.00
No. of Points:	245

LUMINAIRE INFORMATION	
Luminaire Type:	Green Generation
Rated Lamp Life:	5,000 / 12,000 hrs
Design Lumens:	134,000 / 88,000
Avg Lamp Tilt Factor:	1.000
No. of Luminaires:	128
Avg KW:	193.09 (211.2 max)

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

Field Measurements: Illumination measured in accordance with IESNA LM-5-04 and CIBSE LG4. Individual values may vary. See the Warranty document for details.

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.

ENGINEERED DESIGN

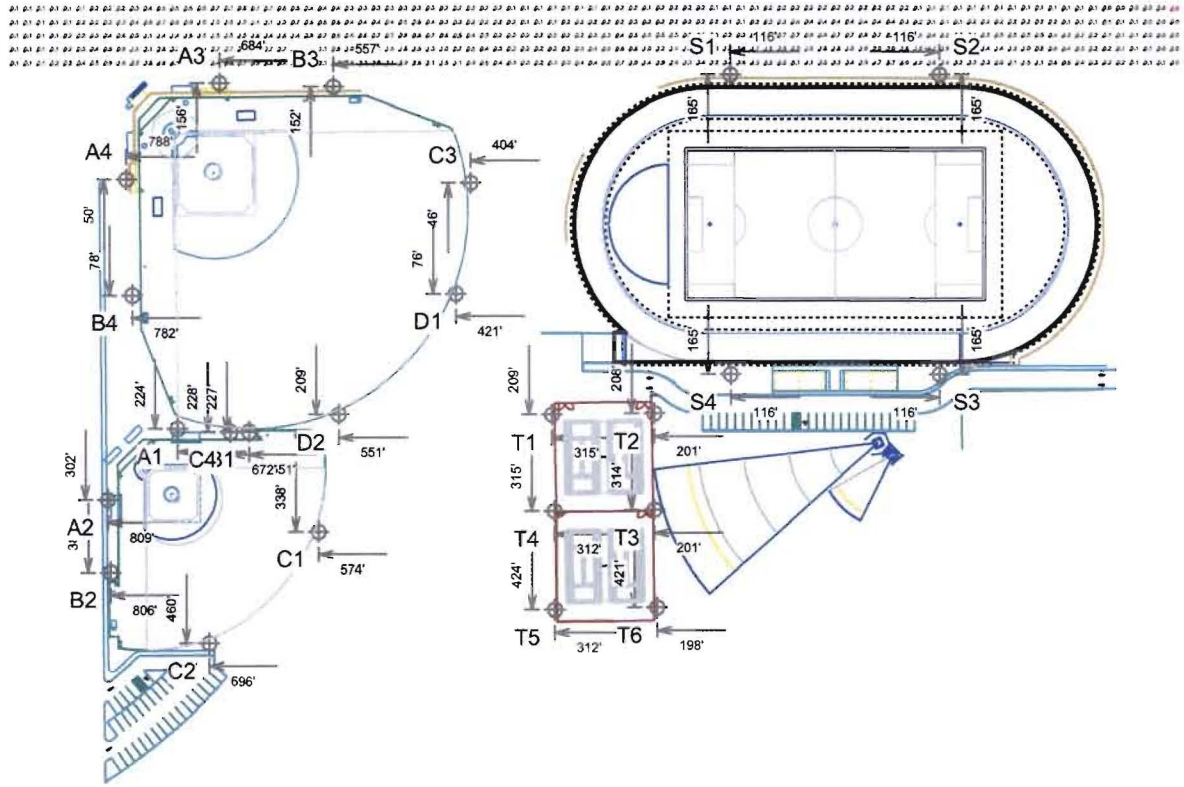
By: Eric Svenby
File # / Date: 167924B 27-Feb-14

ILLUMINATION SUMMARY

ORDINANCE NO. 17,094

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
6	A1-A2 B1-B2 C1-C2	60'	-	60'	1500W MZ	3	3	0
2	A3-A4	70'	-	70'	1500W MZ	5	5	0
2	B3-B4	80'	-	80'	1500W MZ	8	8	0
4	C3-C4 D1-D2	70'	-	70'	1500W MZ	4	4	0
4	S1-S4	80'	-	80'	1500W MZ	13	13	0
4	T1-T2 T5-T6	50'	-	50'	1000W MZ	2	2	0
2	T3-T4	50'	-	50'	1000W MZ	4	4	0
24	TOTALS					128	128	0



SCALE IN FEET 1 : 200

0' 200' 400'

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

MY PROJECT

Name: Peoria Central High School Complex
Location: Peoria,IL

GRID SUMMARY

Name: Spill @ W Nebraska Ave
Size: 330' x 165'
Spacing: 15.0' x 15.0'
Height: 10.0' above grade

CONSTANT ILLUMINATION

SUMMARY	HORIZONTAL FOOTCANDLES
	Entire Grid
Scan Average:	**1.0**
Maximum:	7
Minimum:	0
Avg / Min:	39.34
Max / Min:	**281.10**
UG (adjacent pts):	12.40
CU:	0.01
No. of Points:	435

LUMINAIRE INFORMATION	
Luminaire Type:	Green Generation
Rated Lamp Life:	5,000 / 12,000 hrs
Design Lumens:	134,000 / 88,000
Avg Lamp Tilt Factor:	1.000
No. of Luminaires:	128
Avg KW:	193.09 (211.2 max)

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

Field Measurements: Illumination measured in accordance with IESNA LM-5-04 and CIBSE LG4. Individual values may vary. See the Warranty document for details.

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.

ENGINEERED DESIGN

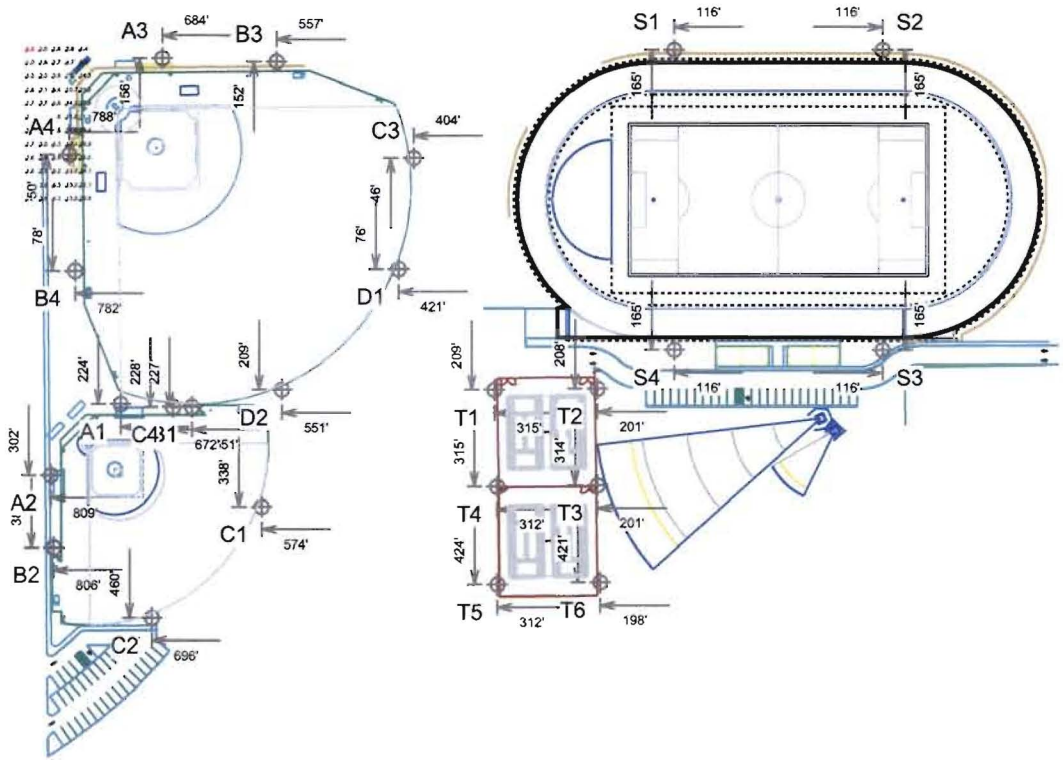
By: Eric Svenby
File # / Date: 167924B 27-Feb-14

ORDINANCE NO. 17,094

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
6	A1-A2 B1-B2 C1-C2	60'	-	60'	1500W MZ	3	3	0
2	A3-A4	70'	-	70'	1500W MZ	5	5	0
2	B3-B4	80'	-	80'	1500W MZ	8	8	0
4	C3-C4 D1-D2	70'	-	70'	1500W MZ	4	4	0
4	S1-S4	80'	-	80'	1500W MZ	13	13	0
4	T1-T2 T5-T6	50'	-	50'	1000W MZ	2	2	0
2	T3-T4	50'	-	50'	1000W MZ	4	4	0
24	TOTALS					128	128	0



SCALE IN FEET 1 : 200

0' 200' 400'

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

MY PROJECT

Name: Peoria Central High School Complex
Location: Peoria,IL

GRID SUMMARY

Name: Spill @ BB 1st Base
Size: 330' x 165'
Spacing: 15.0' x 15.0'
Height: 10.0' above grade

CONSTANT ILLUMINATION

SUMMARY	HORIZONTAL FOOTCANDLES
	Entire Grid
Scan Average:	**8.4**
Maximum:	31
Minimum:	1
Avg / Min:	14.08
Max / Min:	**52.15**
UG (adjacent pts):	2.39
CU:	0.01
No. of Points:	60

LUMINAIRE INFORMATION	
Luminaire Type:	Green Generation
Rated Lamp Life:	5,000 / 12,000 hrs
Design Lumens:	134,000 / 88,000
Avg Lamp Tilt Factor:	1.000
No. of Luminaires:	128
Avg KW:	193.09 (211.2 max)

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

Field Measurements: Illumination measured in accordance with IESNA LM-5-04 and CIBSE LG4. Individual values may vary. See the Warranty document for details.

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.

ENGINEERED DESIGN

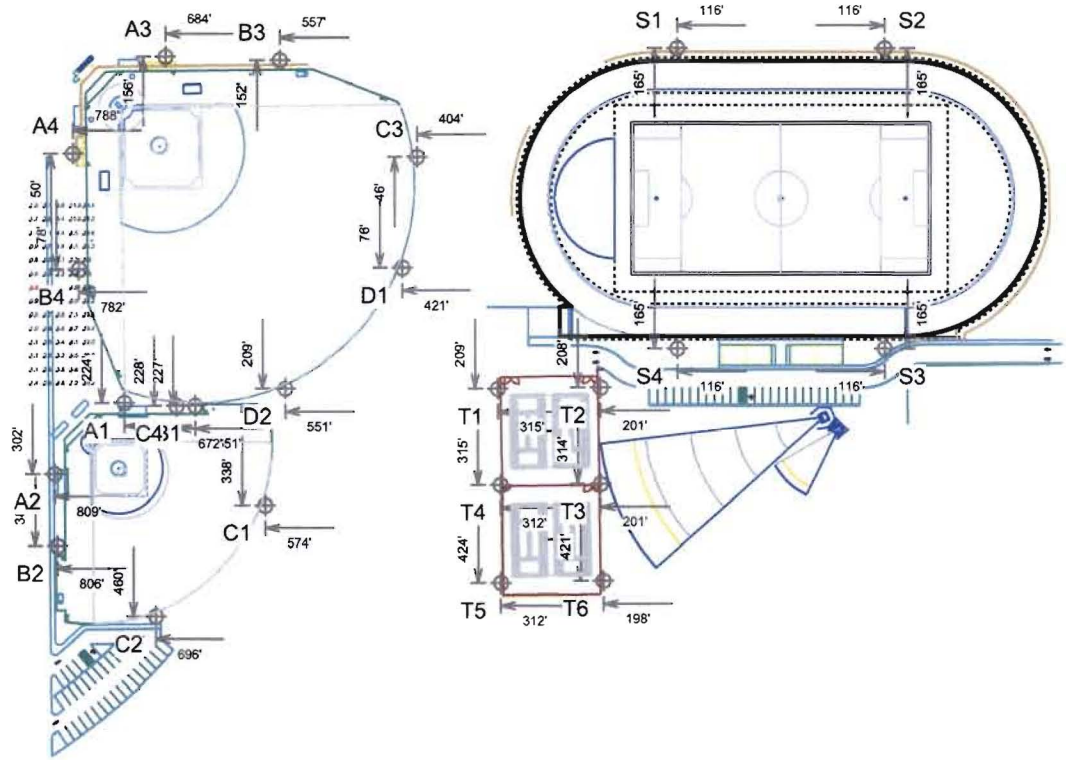
By: Eric Svenby
File # / Date: 167924B 27-Feb-14

ILLUMINATION SUMMARY

ORDINANCE NO. 17,094

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
6	A1-A2 B1-B2 C1-C2	60'	-	60'	1500W MZ	3	3	0
2	A3-A4	70'	-	70'	1500W MZ	5	5	0
2	B3-B4	80'	-	80'	1500W MZ	8	8	0
4	C3-C4 D1-D2	70'	-	70'	1500W MZ	4	4	0
4	S1-S4	80'	-	80'	1500W MZ	13	13	0
4	T1-T2 T5-T6	50'	-	50'	1000W MZ	2	2	0
2	T3-T4	50'	-	50'	1000W MZ	4	4	0
24	TOTALS					128	128	0



SCALE IN FEET 1 : 200

0' 200' 400'

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

musco Lighting

MY PROJECT

Name: Peoria Central High School Complex
Location: Peoria,IL

GRID SUMMARY

Name: Spill @ BB Left Field
Size: 330' x 165'
Spacing: 15.0' x 15.0'
Height: 5.0' above grade

CONSTANT ILLUMINATION

SUMMARY	HORIZONTAL FOOTCANDLES
	Entire Grid
Scan Average:	**5.1**
Maximum:	20
Minimum:	1
Avg / Min:	6.23
Max / Min:	**23.95**
UG (adjacent pts):	2.51
CU:	0.00
No. of Points:	70

LUMINAIRE INFORMATION

Luminaire Type:	Green Generation
Rated Lamp Life:	S,000 / 12,000 hrs
Design Lumens:	134,000 / 88,000
Avg Lamp Tilt Factor:	1.000
No. of Luminaires:	128
Avg KW:	193.09 (211.2 max)

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

Field Measurements: Illumination measured in accordance with IESNA LM-5-04 and CIBSE LG4. Individual values may vary. See the Warranty document for details.

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.

ENGINEERED DESIGN

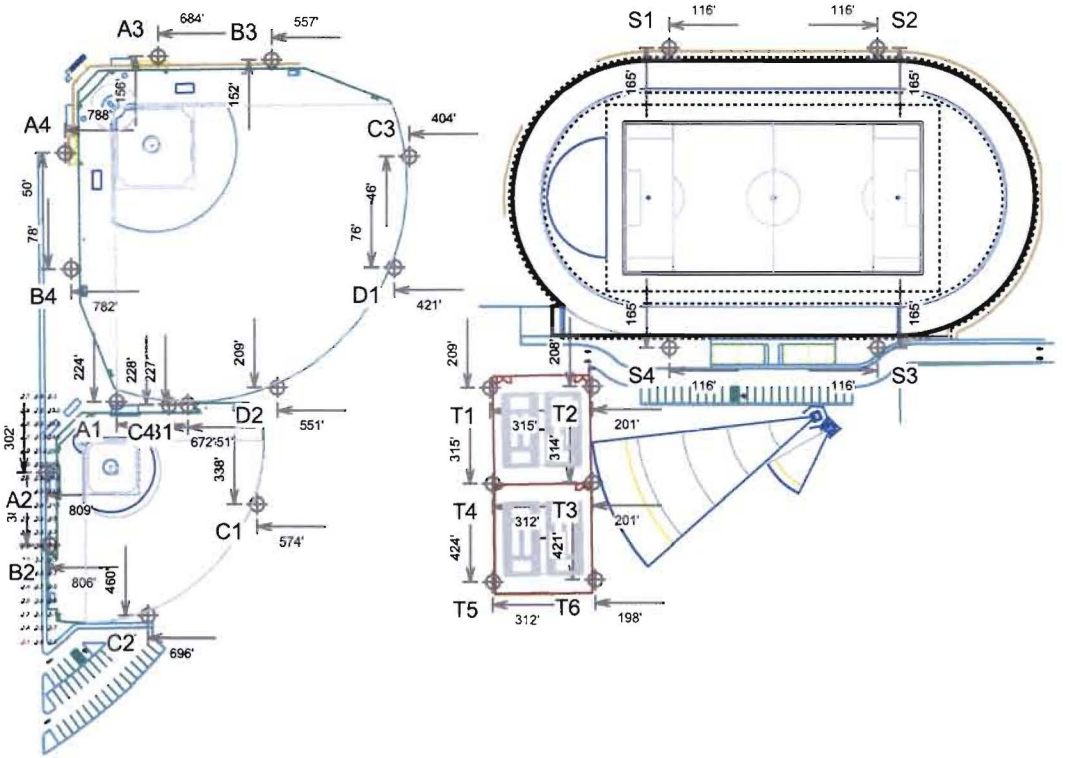
By: Eric Svenby
File # / Date: 167924B 27-Feb-14

ORDINANCE NO. 17,094

ILLUMINATION SUMMARY

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE	THIS GRID	OTHER GRIDS
6	A1-A2 B1-B2 C1-C2	60'	-	60'	1500W MZ	3	3	0
2	A3-A4	70'	-	70'	1500W MZ	5	5	0
2	B3-B4	80'	-	80'	1500W MZ	8	8	0
4	C3-C4 D1-D2	70'	-	70'	1500W MZ	4	4	0
4	S1-S4	80'	-	80'	1500W MZ	13	13	0
4	T1-T2 T5-T6	50'	-	50'	1000W MZ	2	2	0
2	T3-T4	50'	-	50'	1000W MZ	4	4	0
24	TOTALS					128	128	0



SCALE IN FEET 1 : 200

0' 200' 400'

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

musco Lighting

MY PROJECT

Name: Peoria Central High School Complex
Location: Peoria,IL

GRID SUMMARY

Name: Spill @ SB 1st Base/Left Field
Size: 330' x 165'
Spacing: 15.0' x 15.0'
Height: 3.0' above grade

CONSTANT ILLUMINATION

SUMMARY	HORIZONTAL FOOTCANDLES
	Entire Grid
Scan Average:	**6.5**
Maximum:	26
Minimum:	1
Avg / Min:	6.07
Max / Min:	**23.85**
UG (adjacent pts):	2.85
CU:	0.01
No. of Points:	57

LUMINAIRE INFORMATION	
Luminaire Type:	Green Generation
Rated Lamp Life:	5,000 / 12,000 hrs
Design Lumens:	134,000 / 88,000
Avg Lamp Tilt Factor:	1.000
No. of Luminaires:	128
Avg KW:	193.09 (211.2 max)

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

Field Measurements: Illumination measured in accordance with IESNA LM-5-04 and CIBSE LG4. Individual values may vary. See the Warranty document for details.

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

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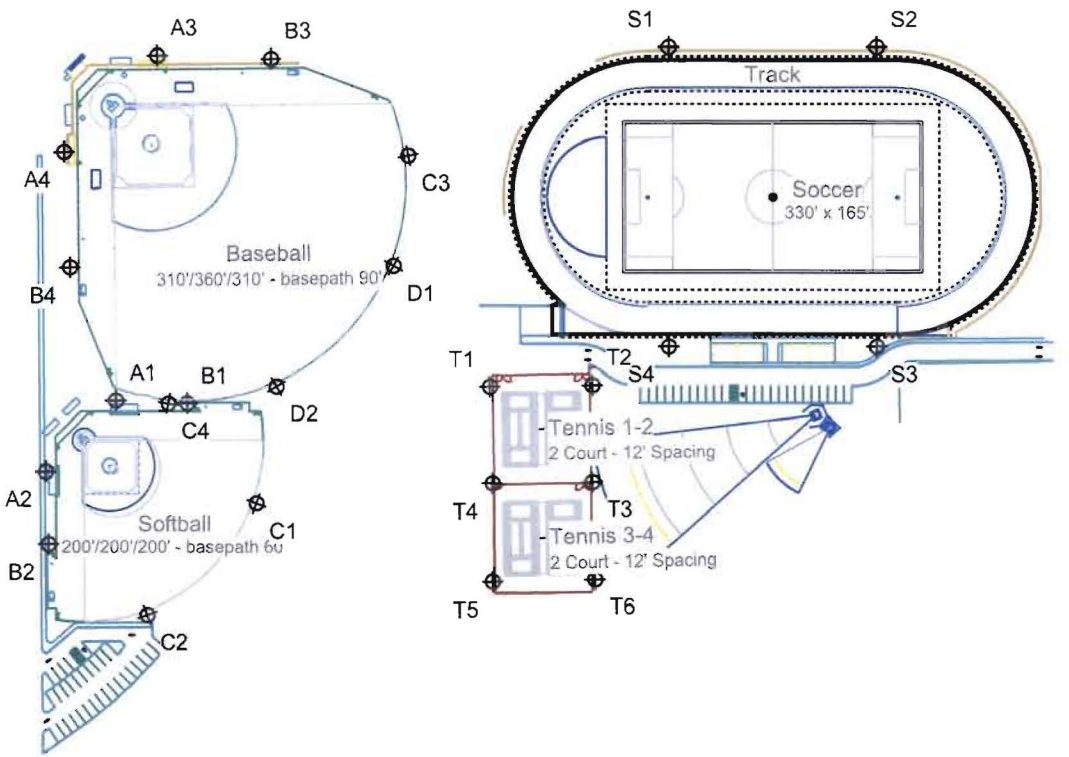

SCALE IN FEET 1 : 200

0' 200' 400'

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

MY PROJECT

Name: Peoria Central High School Complex
Location: Peoria,IL

EQUIPMENT LAYOUT

INCLUDES:

- Baseball
- Soccer
- Softball
- Tennis 1-2
- Tennis 3-4
- Track

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.

EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires		
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY / POLE
6	A1-A2 B1-B2 C1-C2	60'	-	60'	1500W MZ	3
2	A3-A4	70'	-	70'	1500W MZ	5
2	B3-B4	80'	-	80'	1500W MZ	8
4	C3-C4 D1-D2	70'	-	70'	1500W MZ	4
4	S1-S4	80'	-	80'	1500W MZ	13
4	T1-T2 T5-T6	50'	-	50'	1000W MZ	2
2	T3-T4	50'	-	50'	1000W MZ	4
24	TOTALS					128

SINGLE LUMINAIRE AMPERAGE DRAW CHART

Ballast Specifications (.90 min power factor)	Line Amperage Per Luminaire (max draw)						
Single Phase Voltage	208 (60)	220 (60)	240 (60)	277 (60)	347 (60)	380 (60)	480 (60)
1500 watt MZ	8.6	8.3	7.5	6.5	5.1	4.7	3.7
1000 watt MZ	6.5	6.4	5.8	4.9	4.0	3.6	2.9

ENGINEERED DESIGN

By: Eric Svenby
File # / Date: 167924B 27-Feb-14

ORDINANCE NO. 17,094

EQUIPMENT LAYOUT

ATTACHMENT B

Subject Property

ZC 14-05B
Rezoning & Amend Special Use and Special Exception
Peoria High School (Various Parcels)
March 6, 2014

ORDINANCE NO. 17,094