



The City of
OKLAHOMA CITY

Staff Only:

Date Stamp

Zoning: HP or HL

District: CH

HPCA-20-00184

Received by: ay

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

NOTE: any relevant permits must be applied for and paid for separately in the Development Services Dept.

NOTE: Contact Historic Preservation Staff for final design inspection when work is complete.

Please select: ☒ New Project ☐ Revision ☐ Extension ☐ Violation Notice Issued

Location of Proposed Work (Address): 600 NW 38th Street

Legal Description of Property (lot, block, addition): See attached survey

Year built: n/a Exterior wall material: _____ Floor area: _____ sq.ft.

Itemized Work Items (List EACH ITEM proposed. Work not listed here will NOT be reviewed):

☐ New Construction ☐ Addition ☐ Fence ☐ Demolition (specify structure) _____

☒ Paving (specify) Park Paths ☐ Renovation (specify) _____

☐ Work not specified above _____

Owner's Authorization

I hereby certify that all above statements and statements contained in all attached and transmitted exhibits are true to the best of my knowledge and belief. In the event this proposal is approved and begun, I agree to complete the changes in accordance with approved plans in a good and workmanlike manner. I authorize the City of Oklahoma City to enter the property for the purpose of observing and photographing the project for presentations and to ensure consistency between the approved proposal and the completed project.

☐ (If applicable): I authorize my representative to speak for me in matters regarding this application. Any agreement made by my representative regarding this proposal will be binding upon me.

Owner's Signature [Signature] Date 12/11/2020

Name (printed) Douglas R. Kupper, CPRP, Director Organization OKC Parks

Address 420 W. Main, Ste 210 Phone 405-297-3807

City, State, Zip Oklahoma City, Ok 73102 Email douglas.kupper@okc.gov

I prefer to be: ☐ Mailed or ☒ Emailed.

Representative Signature [Signature] Date 12/11/2020

Name (printed) Brandon Boydstun, L.A. Organization OKC Parks

Address 420 W. Main, Ste 210 Phone 405-297-2945

City, State, Zip Oklahoma City, OK 73102 Email brandon.boydstun@okc.gov

I prefer to be: ☐ Mailed or ☐ Emailed.

Contact: ☐ Owner ☐ Representative

Is Federal money, a federal license or a federal permit included/required for any part of this project? Yes / No

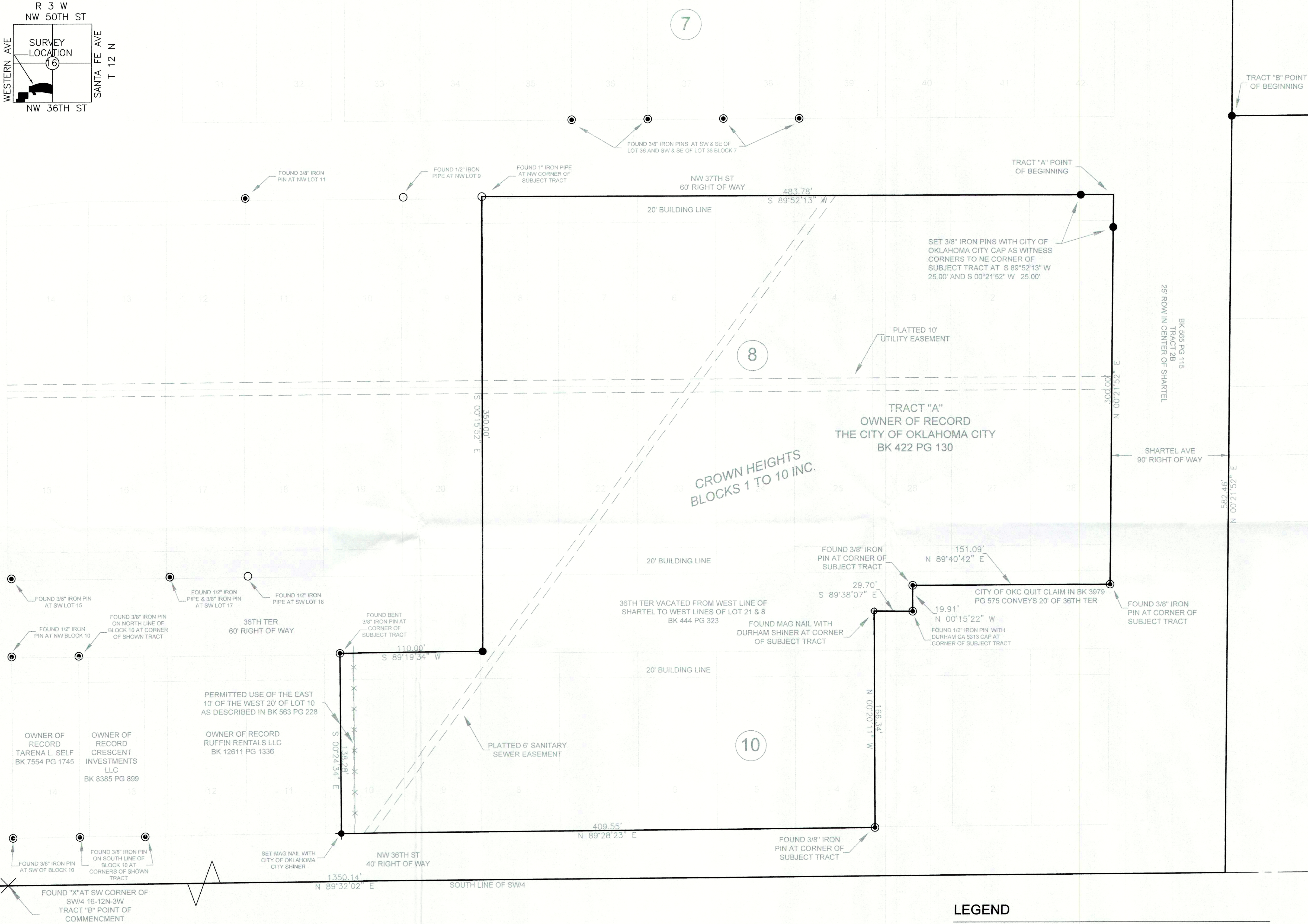
If yes, what Federal agency? n/a

Is the property owner pursuing the Federal Tax Credits for Rehabilitation of income producing historic properties? Yes / No (For questions concerning the federal tax credit program, telephone the State Historic Preservation Office at (405) 522-4479).

NOTE: Specific deadlines apply to submission of additional documentation or requests for appeals. Should your project be continued or denied, you are responsible for compliance with those deadlines.

The planned improvements to Crown Heights Park are funded by the 2007 General Obligation Bond and include the following improvements.

- New 5-foot-wide walking path around the edges of the park on the east side of Shartel Ave. and around the edges and near the creek on the west side of the park. These walks will be increased to 6 foot in width when at the back of the street curbs. These are to be construction of full depth colored concrete to provide an aged color tone to match the neighborhood.
- Installation of 7 solar light poles to light the interior of the park near the walking paths. The new lights will be greater than 30' from the street curbs.
- Installation of 11 new 6-foot metal park benches with concrete pads adjacent to the new walkways. The concrete pads are wide enough to accommodate companion space for wheelchairs or strollers to comply with ADA standards.
- New culvert crossing on the south side of the east park to provide a crossing point for the existing storm out fall that ties into the creek.
- New street crossing across Shartel Ave. to provide pedestrian connection to both sides of the park.
- Installation of 7 new equipment crossings will be installed as part of the walking paths. These are thickened concrete sections with sloped wings and provide a slightly wider portion of concrete.
- Temporary Tree protection will be installed for the duration of the project to ensure the existing trees are protected where adjacent to construction activities.
- Installation of 6 new trees.



TRACT "A"

A tract of land lying in the Southwest Quarter of Section 16 Township 12 North 3 West of the Indian Meridian said tract also being a part of Blocks 8 & 10 of Blocks 1 to 10 inclusive Crown Heights Addition to Oklahoma City Oklahoma County, said tract further described as follows

Beginning at the Northeast corner of Lot 1 Block 8 of said Blocks 1 to 10 inclusive Crown Heights Addition

Thence S 89°52'13" W along the North line of said Block 8 a distance of 483.78 feet to the Northwest corner of Lot 8 of said Block 8;

Thence S 00°15'52" E along the West line of Lots 8 & 21 and the vacated portion of 36th St Ter a distance of 350.00 feet to the Northwest corner of Lot 8 Block 10 of said Crown Heights;

Thence S 89°19'34" W along the North line of said Block 10 a distance of 110.00 feet to a point 10' East of the Northwest corner of Lot 10 Block 10;

Thence S 00°24'34" E a distance of 138.28 feet to the South line of said Block 10 and a point 10' East of the Southwest corner of Lot 10 Block 10;

Thence N 89°28'23" E along the South line of Block 10 a distance of 409.55 feet to the Southeast corner of Lot 4 Block 10;

Thence N 00°20'11" W along the East line of Lot 4 a distance of 166.34 feet to a point in the centerline of the vacated 36th St Ter;

Thence S 89°38'07" E along the centerline of said 36th St Ter. distance of 29.70 feet;

Thence N 00°15'22" W a distance of 19.91 feet;

Thence N 89°40'42" E a distance of 151.09 feet to a point on the West right of way of Shartel Ave;

Thence N 00°21'52" E along the West right of way of Shartel a distance of 300.00 feet to the Point of Beginning;

Said tract containing 216700 Square Feet or 4.98 Acres More or Less

TRACT "B"

A tract of land lying in the Southwest Quarter of Section 16 Township 12 North 3 West of the Indian Meridian Oklahoma City Oklahoma County, said tract further described as follows

Commencing at the Southwest corner of said Southwest Quarter

Thence N 89°32'02" E along the South line of said Southwest Quarter a distance of 1350.14 feet to the extended East line of block 20 of *Blocks 17 to 20 Inclusive Crown Heights Addition*;

Thence N 00°21'52" E to and along the East line of said Block 20 a distance of 582.46 feet to the Northwest corner of Lot 28 Block 20 said point being the Point of Beginning;

Thence N 89°25'53" E along the North line of said Block 20 a distance of 694.71 feet;

Thence S 80°25'05" E along the North line of said Block 20 a distance of 548.53 feet to the Northeast corner of Lot 1 Block 20;

Thence N 00°11'14" W along the West right of way of Walker Ave a distance of 419.68 feet to a point on the South right of way of NW 38th St;

The next eight calls being along the South right of way of said NW 38th St;

Thence N 69°15'47" W a distance of 270.00 feet;

Thence N 82°45'47" W a distance of 165.00 feet;

Thence N 86°45'47" W a distance of 158.00 feet;

Thence S 78°14'13" W a distance of 120.00 feet;

Thence S 75°09'13" W a distance of 130.00 feet;

Thence S 71°19'13" W a distance of 207.00 feet;

Thence S 66°52'15" W a distance of 120.55 feet;

Thence N 89°33'02" W a distance of 108.30 feet to a point on the East right of way of Shartel Ave;

Thence S 00°21'52" W along the said Shartel right of way a distance of 290.00 feet to the Point of Beginning;

Said tract containing 502994 Square Feet or 11.55 Acres More or Less

The above description describes the same tract as that recorded in Book 416 Page 266

TRACT "C"

Lot Seventeen (17) of Block Twenty (20) in *Blocks 17 to 20 Inclusive Crown Heights Addition* to Oklahoma City Oklahoma County Oklahoma according to the plat recorded in Book 24 Page 86 Subject to easements and uses of record.

The bearings for this survey are based on Oklahoma State Plain North Zone NAD 88 (CORS 96) as derived from City of Oklahoma City Primary Control Point # 265R N-184910.620 E-2111703.700

SURVEYOR'S NOTES:

- This survey meets current "Minimum Standards for the Practice of Land Surveying," as adopted by the Oklahoma State Board of Registration for Professional Engineers and Land Surveyors.
- This survey does not constitute a title search by the surveyor. Ownership as shown is based off of found public records.
- Field work for this survey was conducted from 11/25/19 to 12/18/19

I, Colby Moynihan, a registered Land Surveyor in the State of Oklahoma do hereby state that a careful survey of the property described above was made under my direct supervision and is correctly shown here-in.

Colby Moynihan, P.L.S. No. 1841 Date 12/24/19

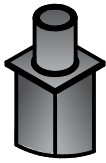
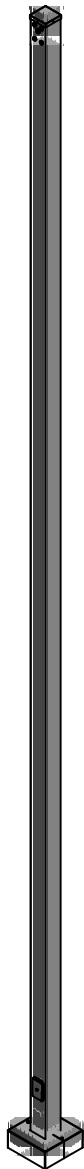
CITY OF OKLAHOMA CITY
PUBLIC WORKS, SURVEY SECTION
3738 S.W. 15th St., Bldg. No. 2
Oklahoma City, Ok. 73108
Phone: (405) 316-6637

Drawn by: CJM	MP-0542
Checked by: WAF	CROWN HEIGHTS PARK
DATE: 12/18/19	BOUNDARY SURVEY
REV NA	
PAGE NUMBER:	
1 OF 2	

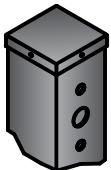




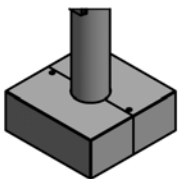




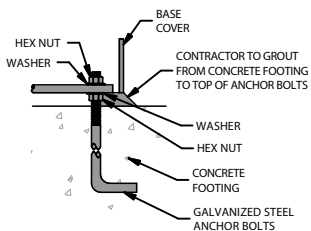
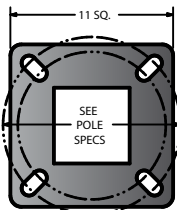
TM



DM



BASE COVER



CONSTRUCTION:

Poles - Square straight aluminum poles are extruded from 6XXX series- per ASTM B221 requirements alloy aluminum, then heat treated to a T6 condition. **Base Plate** - The base plate is cast from 356 alloy aluminum, heat treated to a T6 condition. The base plate telescopes onto the pole base then gets welded all around on top and bottom. **Anchor Bolts** - Anchor bolts are fabricated from carbon steel round bar and conform to ASTM F1554. Bolts have an "L" bend on one end and are galvanized in accordance with ASTM A153. Each anchor bolt is furnished with two hex nuts and two "a" washers. **Ground Lug** - Located inside hand hole area. **Base Covers**- Plastic, Aluminum, Steel or Nut Covers unless otherwise specified.

CATALOG NUMBER	POLE HEIGHT	BUTT SQUARE	WALL THICK	MAX EPA		
				90	100	110
40012596	8	4	.125"	23.2	18.4	17.2
400125120	10	4	.125"	17.6	13.8	12.8
400188120	10	4	.188"	26.2	20.8	19.4
400125144	12	4	.125"	13.8	10.6	9.8
400188144	12	4	.188"	21.0	16.4	15.2
500188144	12	5	.188"	35.0	27.6	25.6
400125168	14	4	.125"	10.8	8.2	7.6
400188168	14	4	.188"	17.0	13.2	12.0
500188168	14	5	.188"	28.6	22.4	20.6
400125180	15	4	.125"	9.8	7.2	6.6
400188180	15	4	.188"	15.4	11.8	10.8
500188180	15	5	.188"	26.0	20.2	18.6
400125192	16	4	.125"	8.8	6.4	5.8
400188192	16	4	.188"	13.8	10.6	9.6
500188192	16	5	.188"	23.8	18.4	16.8
400125216	18	4	.125"	6.8	4.8	4.2
400188216	18	4	.188"	11.2	8.4	7.6
400250216	18	4	.250"	15.2	11.6	10.6
500188216	18	5	.188"	19.4	14.8	13.4
400125240	20	4	.125"	7.2	5.0	4.6
400188240	20	4	.188"	9.4	7.4	6.8
400250240	20	4	.250"	12.8	10.2	9.4
500188240	20	5	.188"	16.2	12.8	12.0
500250240	20	5	.250"	20.0	15.8	14.8
600188240	20	6	.188"	24.6	19.6	18.4
600250240	20	6	.250"	28.2	22.4	21.0
500188300	25	5	.188"	34.4	27.6	25.6
500250300	25	5	.250"	7.4	5.6	5.2
600188300	25	6	.188"	10.0	7.6	7.1
600250300	25	6	.250"	13.0	10.2	9.4
600188360	30	6	.188"	8.8	5.0	4.0
600250360	30	6	.250"	14.4	9.61	8.4
300250420	35	6	.250"	8.0	4.0	3.0

POLE	BASE PLATE			AB's
	SQ	BOLT CIRCLE	SQUARE	
4	8.5-9.5	9.875	0.75	.75 x 17 x 3
5	10.5-11.5	11.25	0.75	.75 x 30 x 3
6	12 - 13	12.75	0.75	.75 x 36 x 4
6.25	13 - 14	13.5	0.75	.75 x 36 x 3

TENON MOUNTING (TM)

TM0 - Plain Top
TM1 - 2.38" O.D. x 3.00"
TM2 - 2.38" O.D. x 4.00"
TM3 - 2.88" O.D. x 3.00"
TM4 - 2.88" O.D. x 4.00"
TM5 - 3.00" O.D. x 3.00"
TM6 - 3.00" O.D. x 4.00"
TM7 - 3.50" O.D. x 3.50"
TM8 - 3.50" O.D. x 4.00"
TM9 - 4.00" O.D. x 4.00"
TM10 - 4.00" O.D. x 6.00"
TM11 - Other Tenon (Consult Factory)
AT - 2-3/8" O.D. x 5" long tenon
BT - 2-7/8" O.D. x 5" long tenon
CT - 3" O.D. x 5" long tenon

Drill Mount (DM)



OPTIONS:

BC - Two piece square base cover
DR - Duplex receptacle
GFI - Ground Fault Interruptor
 Other options contact factory

COLOR:

BZ - Bronze
BK - Black
GN - Green
WT - White
 Other colors contact factory
 Polyester powder fuse coating.

FINISH:

CS-P1 - 12-PRO-1 1 Coat Powder or Liquid
CS-P2 - 12-PRO-2 2 Coat Powder or Liquid, Primer & Top Coat
CS-P3 - 12-PRO-3 2 Coat Powder or Liquid, Zinc Primer & Premium Top Coat
CS-P4 - 12-PRO-4 2 Coat Powder or Liquid, Zinc Primer & Premium Top Coat
ANO - Anodize
ZM - Zinc Metalize
HDG - Hot Dip Galvanize

EPA NOTES:

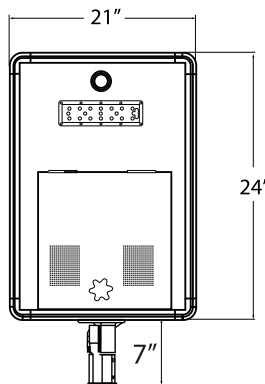
Effective Projected Area (EPA) in square feet. EPA's calculated using wind velocity (mph) indicated in accordance with 2009 AASHTO LTS-5 using a 25 year design life. Maximum EPA is based on the luminaire weight shown. Increased luminaire weight may reduce the maximum EPA. If weight is exceeded, or if other design life or code is required, please consult the factory.

ORDERING LOGIC

POLE SERIES #	POLE MOD #	FIXTURE MOUNTING	OPTIONS	COLOR	FINISH
CS-P-ANTS					
EXAMPLE BELOW					
CS-P-ANTS	30012596	TM7	BCDR	BK	CS-P4

Features & Benefits

- All in One Design
 - Solar panel, battery & controller in one attractive luminaire
 - No visible solar panel or battery box
 - Low EPA
 - Less Strain on Pole
 - Lower Installation Cost
 - Easy to Convert to Solar
- Superior Technology Solutions
 - Brightest Output
 - CERTIFIED Burn Time Performance
 - Longest life
 - Smart Controller
 - 170LM/W
- Smart Technology
 - Automatic Light & Time Control
 - Infrared Human Sensor (PIR)
 - Microwave Sensor
 - Web based control/monitoring available



10 Year Available
15 Year Available

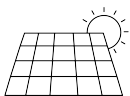


Certifications

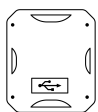


OPTIONS
Motion Sensor & Light Shield

Model #	Panel Wattage	LiFePO4 Lithium Battery	Charge Time (In Hours)	Burn Time (In Hours)	EPA	Weight (Lbs.)	Overall Fixture Size (Envelope)
CS-SIE-2124-10W	45	36	9	40	0.34	21	21" x 24" x 3.2"
CS-SIE-2124-15W	45	36	9	30	0.34	21	21" x 24" x 3.2"
CS-SIE-2124-20W	45	36	9	20	0.34	21	21" x 24" x 3.2"



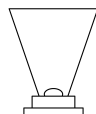
Monocrystalline
Solar Module



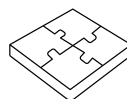
Efficient
Controller



Lithium-ion
Batteries



Philips Lumileds
Luxeon 5050
Chip



All-in-One



Anti-Typhoon



Motion Sensor



IP65



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GRIDSHIFT
Solutions

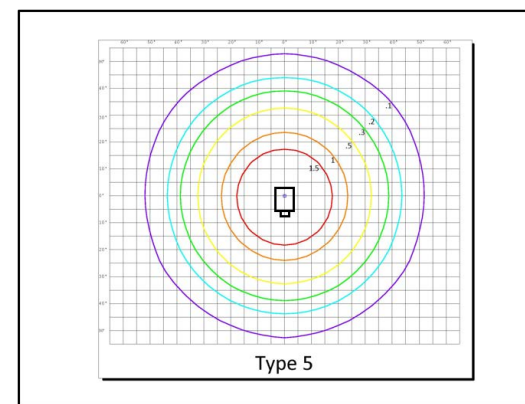
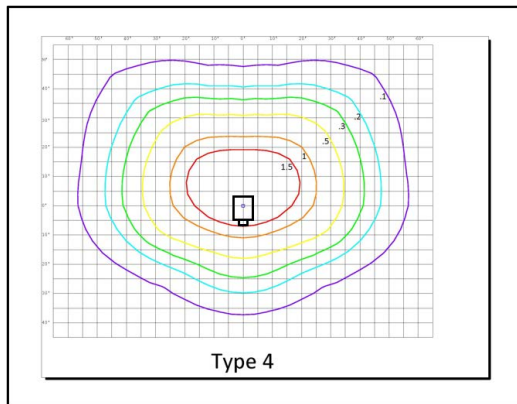
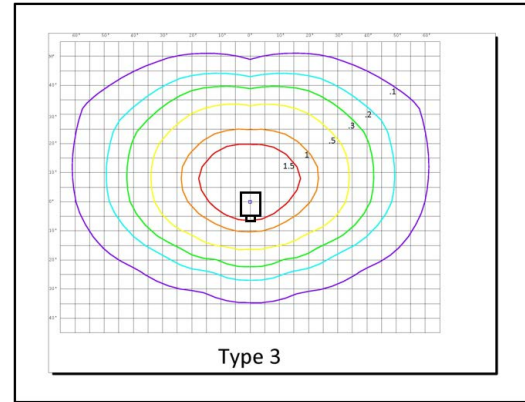
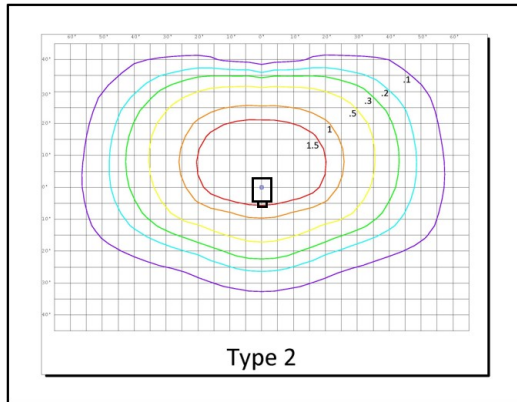
405-673-8684

www.gridshiftsolutions.com

Corporate: 2701 Venture Drive Norman, OK 73069
California: 2292 Faraday Avenue, Suite 100 Carlsbad, CA 92008

Cuesta Sol products are a proud member of the GridShift Solutions, LLP family of brands.

Photometrics



*Please note, for pattern reference only. Model shown is 30W at 20' mounted height. Email for current IES files.

Model #	Watts	Lumens	Available Optic Types	Color Temp in 100K	Fixture Profile Codes	Mounting Bracket Option (See Bracket Codes)	Color (BLK-Black/BRZ-Bronze/GRY-Grey/CUST-Custom)
CS-SIE-2124	10	1700	II / III / IV / V	27K / 30K / 35K / 40K / 50K / 57K / 65K	(See Profile Codes)	MB-1 / MB-2 / MB-3...	BLK / BRZ / GRY / CUS
CS-SIE-2124	15	2550	II / III / IV / V	27K / 30K / 35K / 40K / 50K / 57K / 65K	(See Profile Codes)	MB-1 / MB-2 / MB-3...	BLK / BRZ / GRY / CUS
CS-SIE-2124	20	3400	II / III / IV / V	27K / 30K / 35K / 40K / 50K / 57K / 65K	(See Profile Codes)	MB-1 / MB-2 / MB-3...	BLK / BRZ / GRY / CUS

Ordering Description Example							
CS-SIE-2124	10	1700	III	30K	A	MB-1	BLK

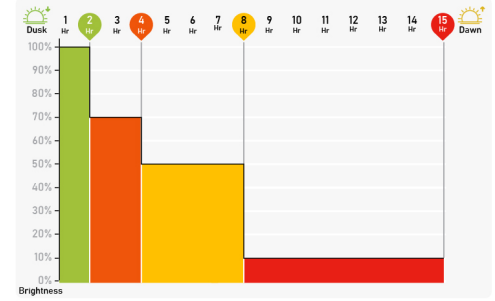
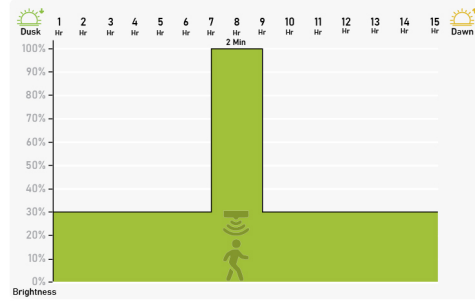
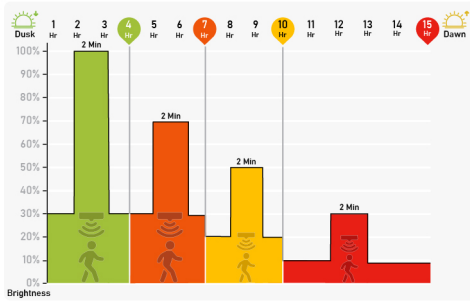
Ordering Description							
CS-SIE-2124	10	1700					
CS-SIE-2124	15	2550					
CS-SIE-2124	20	3400					



AMERICAN COMBAT VETERAN OWNED COMPANY



Lighting Profiles



Profile A

PIR "Motion" Mode on at dusk (A on CS-RC-SE Remote)

- On at dusk 30%, when motion detected 100% for 4 hours.
- 30%, when motion detected 70% for 3 hours.
- 20%, when motion detected 50% for 4 hours.
- 10%, when motion detected 30% to dawn.

Profile B

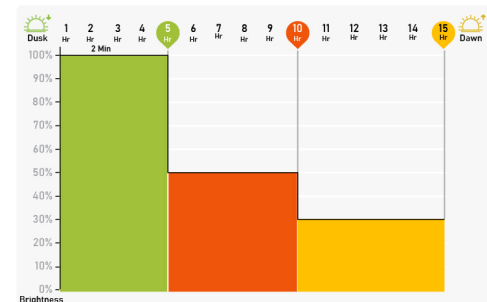
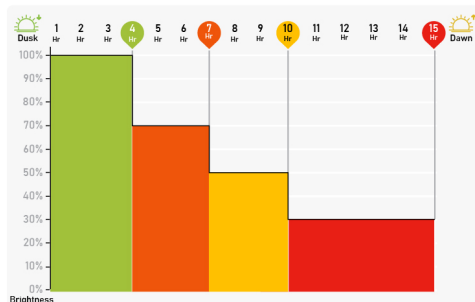
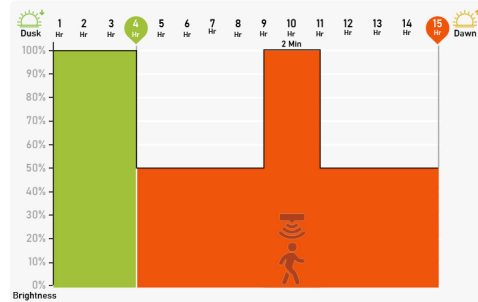
PIR "Motion" Mode on at dusk (B on CS-RC-SE Remote)

- On at dusk 30%, when motion detected 100% to dawn.

Profile C

No PIR "Motion" Mode (C on CS-RC-SE Remote)

- On at dusk 100% for 2 hours.
- 70% 2 hours.
- 50% 4 hours.
- 10% to dawn.



Profile D

PIR "Motion" Mode.

- On at dusk 100% for 4 hours No PIR "Motion" Mode. Then 50%, when motion detected 100% to dawn.

Profile E

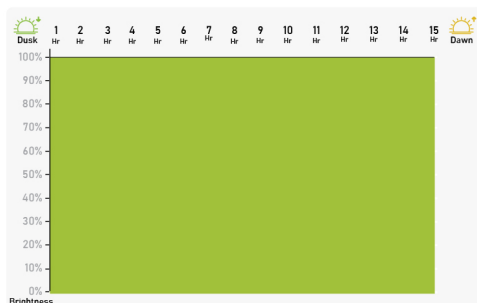
No PIR "Motion" Mode.

- On at dusk 100% for 4 hours.
- 70% 3 hours.
- 50% 3 hours.
- 30% to dawn.

Profile F

No PIR "Motion" Mode.

- On at dusk 100% for 5 hours.
- 50% 5 hours.
- 30% to dawn.



Profile G

No PIR "Motion" Mode.

- On at dusk 100% to dawn.

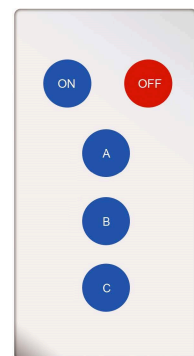
**** Custom lighting profiles are available and may require extra programming and charges set at factory. Please inquire through representative ****

Note:

- Default output setting is # 1 option A on remote unless otherwise arranged at time of order.
- 5 Buttons on Controller: "ON", "OFF", "A", "B" and "C".
- The remote control should aim at the sensor head on the fixture and press the corresponding key to send the signal. If it is written & received successfully, the indicator light will flash accordingly.

**** Energy-Saving factory pre-set remote activated settings descriptions:**

- Mode A: Optimal
- Mode B: Medium
- Mode C: Best



CS-RC-SE Remote

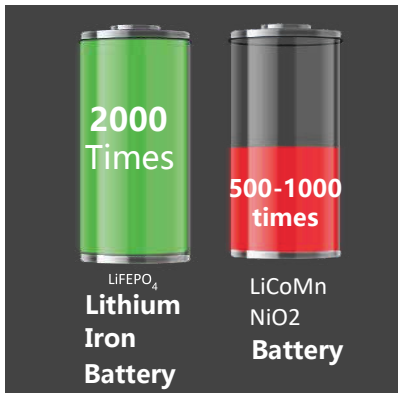
Solar Panel



High Efficiency Mono-Crystalline Module

18.5% photoelectric Conversion Efficiency
Ending with 85% output in 20 years
3.2mm tempered glass lamination for excellent mechanical load resistance.

Lithium Ion Battery



Lithium Ion Phosphate Battery (LiFe P04)

This integrated solar street lamp series uses high-efficiency lithium iron phosphate battery, high temperature performance, high current discharge, and has a cycle life of more than 2000 times.

Led Chip



Philips Lumileds Luxeon 5050 Chip

By using the Philips luxeon LED chips, our single lumen value is 170Lm/w. It has excellent heat dissipation and maintains high levels of brightness with little fading. The sealed lenses are made with strong UV protected PC and have anti-aging and shock resistant values. The well optimized light distribution makes for a uniform photometric footprint.

Burn Time

Burn Time Certification



Burn Time Testing works in conjunction with ASTM standards to evaluate and validate the solar luminaire's performance in a controlled environment based on your required lighting profile. This testing also equalizes the environment, tests the products performance, and provides reliable results that can be compared without subjectivity. Burn Time Testing ensures that the product being considered has undergone stringent, objective, 3rd party testing



Model #	Watts	Lumens	Available Optic Types	Color Temp in 100K	Fixture Profile Codes	Mounting Bracket Option (See Bracket Codes)	Color (BLK-Black/BRZ-Bronze/GRY-Grey/CUST-Custom)
CS-SIE-2529	15	2550	II / III / IV / V	27K / 30K / 35K / 40K / 50K / 57K / 65K	(See Profile Codes)	MB-1 / MB-2 / MB-3...	BLK / BRZ / GRY / CUS
CS-SIE-2529	20	3400	II / III / IV / V	27K / 30K / 35K / 40K / 50K / 57K / 65K	(See Profile Codes)	MB-1 / MB-2 / MB-3...	BLK / BRZ / GRY / CUS
CS-SIE-2529	25	4250	II / III / IV / V	27K / 30K / 35K / 40K / 50K / 57K / 65K	(See Profile Codes)	MB-1 / MB-2 / MB-3...	BLK / BRZ / GRY / CUS
CS-SIE-2529	30	5100	II / III / IV / V	27K / 30K / 35K / 40K / 50K / 57K / 65K	(See Profile Codes)	MB-1 / MB-2 / MB-3...	BLK / BRZ / GRY / CUS
CS-SIE-2529	35	5950	II / III / IV / V	27K / 30K / 35K / 40K / 50K / 57K / 65K	(See Profile Codes)	MB-1 / MB-2 / MB-3...	BLK / BRZ / GRY / CUS

Ordering Description Example							
CS-SIE-2529	15	2550	III	30K	A	MB-1	BLK

Ordering Description							
CS-SIE-2529	15	2550					
CS-SIE-2529	20	3400					
CS-SIE-2529	25	4250					
CS-SIE-2529	30	5100					
CS-SIE-2529	35	5950					