



Administrative Authorization Application

Portland, Maine
 Planning and Urban Development Department, Planning Division

PROJECT NAME: 222 Saint John St Parking Lot Lighting
 PROJECT ADDRESS: 222 Saint John St CHART/BLOCK/LOT: 104-A-2
 APPLICATION FEE: (\$50.00)
 PROJECT DESCRIPTION: (Please Attach Sketch/Plan of the Proposal/Development)

CONTACT INFORMATION:

OWNER/APPLICANT

Name: Coverstair LLC
 Address: 222 Saint John St
 Work #: 775-2252
 Cell #: 650-0606
 Fax #: 773-7422
 Home #: N/A
 E-mail: TDominelli@coverstair.com

CONSULTANT/AGENT

Name: Rick Weiler
 Address: 345 Middle Rd
Melvin Village, NH 03850
 Work #: 603-544-3053
 Cell #: _____
 Fax #: 603-544-6161
 Home #: _____
 E-mail: rweiler@weilergroup.net

Criteria for an Administrative Authorizations:
 (see section 14-523(4) on pg .2 of this appl.)

Applicant's Assessment Planning Division
 Y(yes), N(no), N/A

a) Is the proposal within existing structures?	<u>N</u>	<u>N</u>
b) Are there any new buildings, additions, or demolitions?	<u>N</u>	<u>N</u>
c) Is the footprint increase less than 500 sq. ft.?	<u>N</u>	<u>N/A</u>
d) Are there any new curb cuts, driveways or parking areas?	<u>N</u>	<u>N</u>
e) Are the curbs and sidewalks in sound condition?	<u>N</u>	<u>Y</u>
f) Do the curbs and sidewalks comply with ADA?	<u>N</u>	<u>Y</u>
g) Is there any additional parking?	<u>N</u>	<u>N</u>
h) Is there an increase in traffic?	<u>N</u>	<u>N</u>
i) Are there any known stormwater problems?	<u>N</u>	<u>N</u>
j) Does sufficient property screening exist?	<u>Y</u>	<u>Y</u>
k) Are there adequate utilities?	<u>Y</u>	<u>Y</u>
l) Are there any zoning violations?	<u>N</u>	<u>N</u>
m) Is an emergency generator located to minimize noise?	<u>N</u>	<u>N/A</u>
n) Are there any noise, vibration, glare, fumes or other impacts?	<u>N</u>	<u>N/A</u>

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APR 26 2011

Dept of Planning Inspections
City of Portland Maine

Signature of Applicant: <u>[Signature]</u>	Date: <u>4/5/11</u>
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the two poles shown on the illumination plan and noted that they ^{along the southern boundary} would not be installed.

②

Planning Division Use Only Authorization Granted Partial Exemption Exemption Denied

Barbara Zachrydt, Dev. Review Services Mgr

①

Standard Condition of Approval: The applicant shall obtain all required City Permits, including building permits from the Inspection Division (Room 315, City Hall (874-8703)) prior to the start of any construction.

IMPORTANT NOTICE TO APPLICANT: The granting of an Administrative Authorization to exempt a development from site plan review does not exempt this proposal from other approvals or permits, nor is it an authorization for construction. You should first check with the Building Inspections Office, Room 315, City Hall (207)874-8703, to determine what other City permits, such as a building permit, will be required.

PROVISION OF PORTLAND CITY CODE
14-523 (SITE PLAN ORDINANCE)
RE: Administrative Authorization

Sec. 14-523 (b). Applicability

No person shall undertake any development identified in Section 14-523 without obtaining a site plan improvement permit under this article. (c) Administrative Authorization. Administrative Authorization means the Planning Authority may grant administrative authorization to exempt a development proposal from complete or partial site plan review that meets the standards below, as demonstrated by the applicant.

1. The proposed development will be located within existing structures, and there will be no new buildings, demolitions, or building additions other than those permitted by subsection b of this section;
2. Any building addition shall have a new building footprint expansion of less than five hundred (500) square feet;
3. The proposed site plan does not add any new curb cuts, driveways, or parking areas; the existing site has no more than one (1) curb cut and will not disrupt the circulation flows and parking on-site; and there will be no drive-through services provided;
4. The curbs and sidewalks adjacent to the lot are complete and in sound condition, as determined by the public works authority, with granite curb with at least four (4) inch reveal, and sidewalks are in good repair with uniform material and level surface and meet accessibility requirements of the Americans with Disabilities Act;
5. The use does not require additional or reduce existing parking, either on or off the site, and the project does not significantly increase traffic generation;
6. There are no known stormwater impacts from the proposed use or any existing deficient conditions of stormwater management on the site;
7. There are no evident deficiencies in existing screening from adjoining properties; and
8. Existing utility connections are adequate to serve the proposed development and there will be no disturbance to or improvements within the public right-of-way.
9. There are no current zoning violations;
10. Any emergency generators are to be located to minimize noise impacts to adjoining properties and documentation that routine testing of the generators occur on weekdays between the hours of 9 a.m. to 5 p.m. Documentation pertaining to the noise impacts of the emergency generator shall be submitted; and
11. There is no anticipated noise, vibration, glare, fumes or other foreseeable impacts associated with the project.

- a. **Filing the Application.** An applicant seeking an administrative authorization under this subsection shall submit an administrative authorization application for review, detailing the site plan with dimensions of proposed improvements and distances from all property lines, and stating that the proposal meets all of the provisions in standards 1-11 of Section 14-423 (b)1. **The application must be accompanied by an application fee of \$50.**
- b. **Review.** Upon receipt of such a complete application, the Planning Authority will process it and render a written decision of approval, approval with conditions or denial, with all associated findings.
- c. **Decision.** If a full administrative authorization is granted, the application shall be approved without further review under this article, and no performance guarantee shall be required. In the event that the Planning Authority determines that standards a and b of Section 14-523 (b) (1) and at least four (4) of the remaining standards have been met, the Planning Authority shall review the site plan according to all applicable review standards of Section 14-526 that are affected by the standards in this subsection that have not been met. If an exemption or partial exemption from site plan review is not granted, the applicant must submit a site plan application that will undergo a full review by the Planning Board or Planning Authority according to the standards of Section 14-526.

Criteria for an Administrative Authorizations:
 (See Section 14-523 (4) on page 2 of this application)

Applicant's Assessment
 Y(yes), N(no), N/A

Planning Division
 Use Only

a) Is the proposal within existing structures?	No	No
b) Are there any new buildings, additions, or demolitions?	No	No
c) Is the footprint increase less than 500 sq. ft.?	No	n/a
d) Are there any new curb cuts, driveways or parking areas?	No	No
e) Are the curbs and sidewalks in sound condition?	No	Yes
f) Do the curbs and sidewalks comply with ADA?	No	Yes
g) Is there any additional parking?	No	No
h) Is there an increase in traffic?	No	No
i) Are there any known stormwater problems?	No	no
j) Does sufficient property screening exist?	Yes	Yes
k) Are there adequate utilities?	Yes	Yes
l) Are there any zoning violations?	No	No
m) Is an emergency generator located to minimize noise?	No	n/a
n) Are there any noise, vibration, glare, fumes or other impacts?	No	n/a

The Administrative Authorization for 222 St. John Street was granted by Barbara Barhydt, Development Review Coordinator on 4-22-11 with conditions: 1) The applicant shall obtain all required City Permits, including building permits from the Inspection Division (Room 315, City Hall (874-8703) prior to the start of any construction. 2) The approval is for the site plan and does not include the two poles known on the illumination plan and noted that the poles along the southerly boundary would not be installed. 4-22-11

222 Saint John St Parking Lot Lighting Project

Project Description:

Cowcatcher LLC is planning on replacing the pole lights and poles at 222 Saint John St. We are replacing the poles and lights in order to make the parking lot safer for our tenants who park in it.

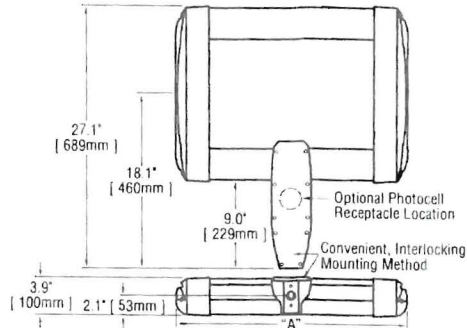
Our plan is to keep the existing pole locations and install taller poles and additional heads. This will allow us to have better lighting coverage in our parking lot.

I believe the project will not have minimum impact on the area around the parking lot. The biggest impact will be making the parking lot a safer place.

In the packet I have included a site survey as well as the lighting plan.

BetaLED Catalog #: ARE - EDG - 5M - DA - - C - - - -

Notes:



# of LEDs	Dim. "A"
20	12.06"
40	12.06"
60	14.06"
80	16.06"
100	18.06"
120	20.06"
140	22.06"
160	24.06"
180	26.06"
200	28.06"
220	30.06"
240	32.06"

Product	Family	Optic	Mounting	# of LEDs (x 10)	LED Series	Voltage	Color Options	Factory-Installed Options
ARE	EDG	5M ¹	DA ²	<input type="checkbox"/> 02 <input type="checkbox"/> 04 <input type="checkbox"/> 06 <input type="checkbox"/> 08 <input type="checkbox"/> 10 <input type="checkbox"/> 12 <input type="checkbox"/> 14 <input type="checkbox"/> 16 <input type="checkbox"/> 18 <input type="checkbox"/> 20 <input type="checkbox"/> 22 <input type="checkbox"/> 24	C	<input type="checkbox"/> UL Universal 120-277V <input type="checkbox"/> UH Universal 347-480V <input type="checkbox"/> 12 120V <input type="checkbox"/> 24 240V <input type="checkbox"/> 27 277V <input type="checkbox"/> 34 347V	<input type="checkbox"/> SV Silver <input checked="" type="checkbox"/> BK Black <input type="checkbox"/> BZ Bronze <input type="checkbox"/> PB Platinum <input type="checkbox"/> WH White	Please type additional options in manually on the lines provided above. <input type="checkbox"/> 43K 4300K Color Temperature ³ <input type="checkbox"/> 525 525mA Drive Current ^{4,5} <input type="checkbox"/> DIM5 0-10V Dimming (525mA maximum) ^{6,7} <input type="checkbox"/> F Fuse ^{8,9} <input type="checkbox"/> HL Hi/Low (175/350/525, dual circuit input) ¹⁰ <input type="checkbox"/> P Photocell ^{11,12} <input type="checkbox"/> R NEMA Photocell Receptacle ¹² <input type="checkbox"/> TL Two-Level (175/525 w/ integrated sensor control) ¹⁰ <input type="checkbox"/> TL2 Two-Level (0/350 w/ integrated sensor control) ¹⁰ <input type="checkbox"/> TL3 Two-Level (0/525 w/ integrated sensor control) ¹⁰

Footnotes

- 1 IESNA Type V Medium distribution
- 2 Direct mounting arm for use with 3-6" square or round pole
- 3 Color temperature per fixture, minimum 70 CRI
- 4 Driver operates at 525mA instead of the standard 350mA providing a higher lumen output and a shorter life
- 5 Available on fixtures with 20-120 LEDs
- 6 Control by others
- 7 Refer to dimming spec sheet for availability and additional information
- 8 When code dictates fusing use time delay fuse
- 9 Not available when UH voltage is selected
- 10 Refer to multi-level spec sheet for availability and additional information
- 11 Must specify voltage other than UL or UH
- 12 This option not available with all multi-level options. Refer to multi-level spec sheet for more information

LED PERFORMANCE SPECS																
# of LEDs	Initial Delivered Lumens – Type V Medium @ 6000K	B U G Rating***			Initial Delivered Lumens – Type V Medium @ 4300K	B U G Rating***			System Watts 120-277V	Total Current @ 120V	Total Current @ 230V	Total Current @ 277V	System Watts 347-480V	Total Current @ 347V	Total Current @ 480V	L ₇₀ Hours** @ 25° C (77° F)
		B	U	G		B	U	G								
350mA (Standard) Fixture Operating at 25° C (77° F)																
20	1,793 (02)	1	1	1	1,573 (02)	1	1	1	25	0.23	0.11	0.10	30	0.09	0.08	105,000
40	3,586 (04)	2	1	1	3,145 (04)	2	1	1	49	0.41	0.23	0.20	51	0.15	0.12	105,000
60	5,379 (06)	3	1	1	4,718 (06)	3	1	1	71	0.60	0.32	0.28	74	0.22	0.17	105,000
80	7,172(08)	3	1	2	6,291 (08)	3	1	1	93	0.78	0.41	0.35	96	0.28	0.21	105,000
100	8,965 (10)	3	2	2	7,863 (10)	3	2	2	116	0.98	0.52	0.43	119	0.35	0.26	105,000
120	10,758 (12)	4	2	2	9,436 (12)	4	2	2	139	1.17	0.61	0.52	141	0.41	0.30	105,000
140	12,551 (14)	4	2	2	11,009 (14)	4	2	2	164	1.39	0.74	0.63	170	0.49	0.35	105,000
160	14,344 (16)	4	2	2	12,582 (16)	4	2	2	186	1.58	0.83	0.71	192	0.55	0.40	105,000
180	16,137 (18)	4	3	2	14,154 (18)	4	2	2	211	1.77	0.93	0.79	215	0.62	0.45	105,000
200	17,930 (20)	4	3	2	15,727 (20)	4	3	2	233	1.97	1.03	0.87	237	0.68	0.49	105,000
220	19,723 (22)	5	3	3	17,300 (22)	4	3	2	256	2.16	1.13	0.95	259	0.75	0.54	105,000
240	21,516 (24)	5	3	3	18,872 (24)	5	3	3	279	2.35	1.23	1.03	282	0.81	0.59	105,000
525mA Fixture Operating at 25° C (77° F)																
20	2,331 (02)	2	1	1	2,044 (02)	2	1	1	37	0.31	0.18	0.17	43	0.13	0.15	61,000
40	4,662 (04)	3	1	1	4,089 (04)	3	1	1	69	0.58	0.31	0.27	75	0.22	0.19	61,000
60	6,993 (06)	3	1	2	6,133 (06)	3	1	1	110	0.92	0.49	0.41	116	0.33	0.27	61,000
80	9,324 (08)	4	2	2	8,178 (08)	3	2	2	138	1.16	0.62	0.54	145	0.42	0.32	61,000
100	11,655 (10)	4	2	2	10,222 (10)	4	2	2	177	1.49	0.79	0.68	186	0.53	0.40	61,000
120	13,986 (12)	4	2	2	12,267 (12)	4	2	2	217	1.82	0.96	0.81	226	0.65	0.48	61,000

* Utilizes magnetic step-down transformer when 525mA drive current or multi-level options are selected

** For recommended lumen depreciation data see ID 13

*** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit www.iesna.org/PDF/Erratas/TM-15-07BugRatingsAddendum.pdf

NOTE All data subject to change without notice

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Made in the U.S.A. of U.S. and imported parts
Meets Buy American requirements within the ARRA



General Description

Slim, low profile design minimizes wind load requirements. Fixture sides are rugged cast aluminum with integral, weather-tight LED driver compartments and high performance aluminum heatsinks. Convenient, interlocking mounting method. Mounting housing is rugged die cast aluminum and mounts to 3 – 6" square or round pole. Fixture is secured by two (2) 5/16-18 UNC bolts spaced on 2" centers. Includes leaf/debris guard. Five year limited warranty on fixture.

Electrical

Modular design accommodates varied lighting output from high power, white, 6000K (+/- 500K per full fixture), minimum 70 CRI, long life LED sources. 120-277V 50/60 Hz, Class 1 LED drivers are standard. 347-480V 50/60 Hz driver is optional. LED drivers have power factor >90% and THD <20% of full load. Units provided with integral 10kV surge suppression protection standard. Integral weather-tight electrical box with terminal strip for easy power hook-up. Surge protection tested in accordance with IEEE C62.41.2 and ANSI standard 62.41.2.

Testing & Compliance

UL listed in the U.S. and Canada for wet locations and enclosure classified IP66 per IEC 529 when ordered without P or R options. Consult factory for CE Certified products. RoHS compliant. International Dark-Sky Association approved.

Finish

Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable silver powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Bronze, black, white and platinum bronze powder topcoats are also available. The finish is covered by our 10 year limited warranty.

Fixture and finish are endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117.

Patents

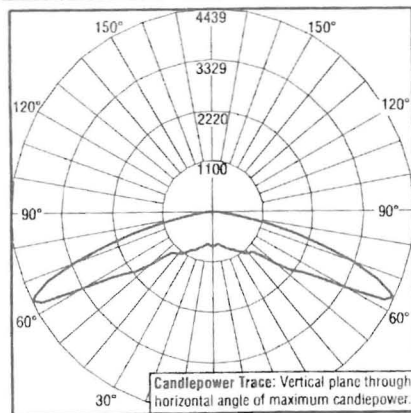
U.S. and international patents granted and pending. BetaLED is a division of Ruud Lighting, Inc. For a listing of Ruud Lighting, Inc. patents, visit www.uspto.gov.

Field-Installed Accessories

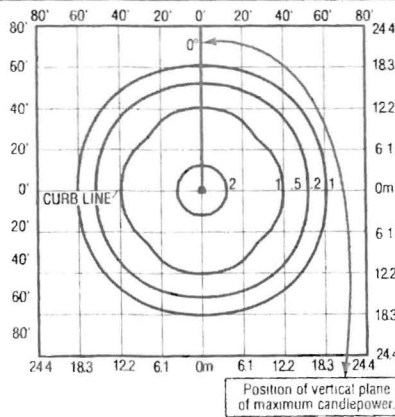


Bird Spikes
 XA-BRDSPK

Photometrics



Independent Testing Laboratories certified test. Report No. ITL63746. Candlepower trace of 6000K, 120 LED Type V Medium area luminaire with 11,013 initial delivered lumens operating at 350mA. All published luminaire photometric testing performed to IESNA LM-79-08 standards.



Isofootcandle plot of 6000K, 120 LED Type V Medium area luminaire at 25' A.F.G. Luminaire with 10,758 initial delivered lumens operating at 350mA. Initial FC at grade.

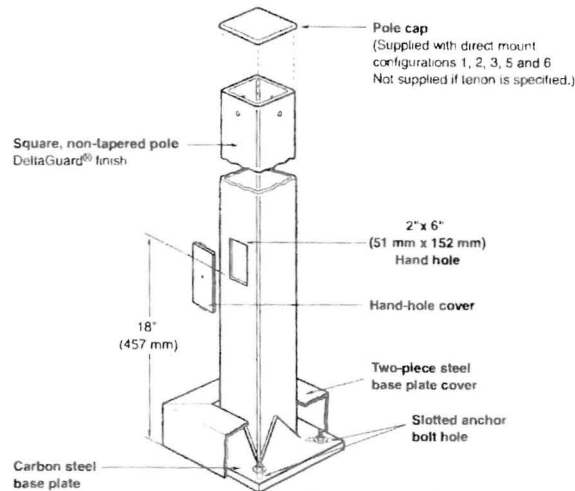
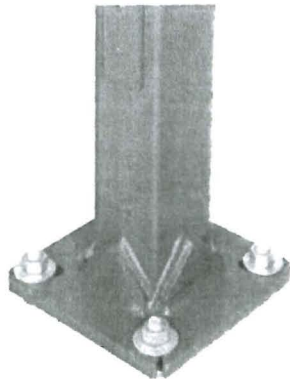
THE EDGE® EPA & Weight Calculations

# of LEDs	Approximate Weight 120-277V ¹	Approximate Weight				
		Single	2@ 180°	2@ 90°	3@ 90°	4@ 90°
		■	■-■	■-■-■	■-■-■-■	
Fixed Arm Mount						
20	21.0 lbs.	0.60	1.20	0.87	1.47	1.75
40	23.7 lbs.	0.60	1.20	0.87	1.47	1.75
60	27.0 lbs.	0.60	1.20	0.92	1.51	1.83
80	28.1 lbs.	0.60	1.20	0.96	1.55	1.91
100	32.3 lbs.	0.60	1.20	1.00	1.60	2.00
120	33.5 lbs.	0.60	1.20	1.04	1.64	2.08
140	36.9 lbs.	0.60	1.20	1.08	1.68	2.16
160	41.4 lbs.	0.60	1.20	1.12	1.72	2.24
180	42.1 lbs.	0.60	1.20	n/a ²	n/a ²	n/a ²
200	43.3 lbs.	0.61	1.21	n/a ²	n/a ²	n/a ²
220	46.6 lbs.	0.65	1.29	n/a ²	n/a ²	n/a ²
240	47.8 lbs.	0.69	1.38	n/a ²	n/a ²	n/a ²

1 Add 5 lbs. for transformer in 347-480V fixtures when 525mA drive current or multi-level options are selected.
 2 For applications requiring 180 or more LEDs at 90 degrees refer to the DL mount version of our spec sheet.



Beta Catalog Number: PS4S30R - 2 - BZ



Notes:

Catalog Number	Height (feet) x Width (inches) x Wall (inches)	Bolt Circle Range (inches)	Bolt Size (inches)	Pole "EPA" Ratings Pole Base Wind Velocity								Mount Configuration ¹	Color Options ²
				70	80	90	100	110	120	130	140		
<input type="checkbox"/> PS3S10C*†	10 x 3 x 0.125	10/9.3-11	3/4	31.4	23.6	18.2	14.3	11.5	9.3	7.0	6.3	<input type="checkbox"/> 1 - <input type="checkbox"/> Single ¹	<input type="checkbox"/> BZ <input type="checkbox"/> BK <input type="checkbox"/> WH <input type="checkbox"/> PB <input type="checkbox"/> SV
<input type="checkbox"/> PS3S15C*†	15 x 3 x 0.125	10/9.3-11	3/4	18.5	13.4	9.9	7.4	5.5	4.1	3.0	2.2	<input type="checkbox"/> 2 - <input type="checkbox"/> Twin @ 180° ¹	
<input type="checkbox"/> PS3S20C*†	20 x 3 x 0.125	10/9.3-11	3/4	11.5	7.8	5.2	3.3	2.0	0.9	0.1	0.0	<input type="checkbox"/> 3 - <input type="checkbox"/> Twin @ 90° ¹	
<input type="checkbox"/> PS4S10C*†	10 x 4 x 0.125	10/9.3-11	3/4	59.9	45.2	35.1	27.9	22.6	18.5	15.4	12.9	<input type="checkbox"/> 5 - <input type="checkbox"/> Triple ¹	
<input type="checkbox"/> PS4S12C*†	12 x 4 x 0.125	10/9.3-11	3/4	48.4	36.2	27.9	21.9	17.5	14.2	11.6	9.5	<input type="checkbox"/> 6 - <input type="checkbox"/> Quad ¹	
<input type="checkbox"/> PS4S15C*†	15 x 4 x 0.125	10/9.3-11	3/4	36.5	26.9	20.3	15.6	12.1	9.5	7.4	5.8	<input type="checkbox"/> T - <input type="checkbox"/> Tenon ¹	
<input type="checkbox"/> PS4S17C*†	17 x 4 x 0.125	10/9.3-11	3/4	30.7	22.3	16.6	12.5	9.41	7.1	5.3	3.9		
<input type="checkbox"/> PS4S20C*†	20 x 4 x 0.125	10/9.3-11	3/4	24.0	16.9	12.1	8.7	6.1	4.2	2.7	1.5		
<input type="checkbox"/> PS4S22C*†	22 x 4 x 0.125	10/9.3-11	3/4	20.4	14.0	9.7	6.6	4.3	2.5	1.2	0.1		
<input type="checkbox"/> PS4S25C*†	25 x 4 x 0.125	10/9.3-11	3/4	15.9	10.4	6.6	3.9	1.9	0.4	0.0	0.0		
<input type="checkbox"/> PS4S25S*†	25 x 4 x 0.188	10/9.3-11	3/4	25.3	17.6	12.3	8.5	5.7	3.6	1.9	0.6		
<input type="checkbox"/> PS4S27R*†	27 x 4 x 0.125	10/9.3-11	3/4	22.0	14.9	10.0	6.6	4.0	2.0	0.0	0.0		
<input type="checkbox"/> PS4S30R*†	30 x 4 x 0.125	10/9.3-11	3/4	17.7	11.4	7.1	4.0	1.7	0.0	0.0	0.0		
<input type="checkbox"/> PS4S30H*†	30 x 4 x 0.188	10/9.3-11	3/4	19.5	12.5	7.8	4.4	1.9	0.0	0.0	0.0		
<input type="checkbox"/> PS5S25S*†	25 x 5 x 0.188	10/9.7-11.3	1	43.9	31.4	22.8	16.6	12.1	8.7	6.0	3.8		
<input type="checkbox"/> PS5S30S*†	30 x 5 x 0.188	10/9.7-11.3	1	32.2	21.9	14.9	9.9	6.2	3.4	1.2	0.0		
<input type="checkbox"/> PS6S30S*†	30 x 6 x 0.188	11.5/11.3-12.8	1	50.8	35.7	25.3	17.9	12.4	8.2	4.9	2.4		

Field-Installed Accessories

GFI Outlet Accessory - 120V



- REC-GF1BZ REC-GF1PB
 REC-GF1BK REC-GF1SV
 REC-GF1WH

1-Direct mount pole configuration; add prefix "2" to configuration numbers for fixtures with fixed 20" mount (i.e. "21", "22", "23", "25", "26") Example PS6S30S21BZ

2-Order tenon separately

General Description

Non-tapered square steel poles are supplied with welded base with cover, four galvanized anchor bolts, masonite mounting template and a pole cap (except tenon mount). Each anchor bolt is provided with two washers and two nuts. Steel pole base has slotted holes. Per National Electrical Code requirements, pole is standard with a 2" x 6" (51 x 152 mm) hand hole, located 18" (457 mm) above bottom of pole base. A #10-32 stainless-steel weld stud with grounding lug is located inside pole, opposite hand hole; a hand hole cover is supplied but shipped separately. In addition, 4" x 27" and 4" x 30" poles include an internal 5/16" steel reinforced sleeve welded inside the bottom 24" of the pole, as well as a reinforcement welded around the hand hole for added strength.

Materials

Square, non-tapered pole of structural steel tubing (ASTM A 500); with a minimum yield strength of 46,000 p.s.i. Welded to a formed carbon steel base plate with a minimum yield strength of 36,000 p.s.i.

Finish

Exclusive Colorfast DeltaGuard™ finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. The finish is covered by our 7 year limited warranty.

Labels

Beta Lighting square steel poles meet or exceed National Electrical Code Requirements. In the US, Beta square poles are classified by Underwriters Laboratories Inc. for electrical ground bonding; in Canada, they are CSA certified for electrical ground bonding and structural strength.

Patents

US 5,820,255; 6,640,517; Patent pending

PS3S10C(a)BZ

10' (3.0 m) x 3" (76 mm)
 Wall thickness - 0.125" (3 mm)
 Base plate - 10" (254 mm) square x 0.50" (13 mm) thick
 Anchor bolts - 3/4"-10 x 18" (457 mm) + 3" (76 mm)
 Bolt circle diameter - 10" (254 mm) 9.3" - 11" (235 mm - 279 mm)
 Maximum fixture weight - 250 lbs. (114 Kg)
 Approximate shipping weight - 58 lbs. (26 Kg)

PS3S15C(a)BZ

15' (4.6 m) x 3" (76 mm)
 Wall thickness - 0.125" (3 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 3/4"-10 x 18" (457 mm) + 3" (76 mm)
 Bolt circle diameter - 10" (254 mm) 9.3" - 11" (235 mm - 279 mm)
 Maximum fixture weight - 250 lbs. (114 Kg)
 Approximate shipping weight - 82 lbs. (37 Kg)

PS3S20C(a)BZ

20' (6.1 m) x 3" (76 mm)
 Wall thickness - 0.125" (3 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 3/4"-10 x 18" (457 mm) + 3" (76 mm)
 Bolt circle diameter - 10" (254 mm) 9.3" - 11" (235 mm - 279 mm)
 Maximum fixture weight - 250 lbs. (114 Kg)
 Approximate shipping weight - 119 lbs. (54 Kg)

PS4S10C(a)BZ

10' (3.0 m) x 4" (102 mm)
 Wall thickness - 0.125" (3 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 3/4"-10 x 18" (457 mm) + 3" (76 mm)
 Bolt circle diameter - 10" (254 mm) 9.3" - 11" (235 mm - 279 mm)
 Maximum fixture weight - 350 lbs. (159 Kg)
 Approximate shipping weight - 78 lbs. (35 Kg)

PS4S12C(a)BZ

12' (3.7 m) x 4" (102 mm)
 Wall thickness - 0.125" (3 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 3/4"-10 x 18" (457 mm) + 3" (76 mm)
 Bolt circle diameter - 10" (254 mm) 9.3" - 11" (235 mm - 279 mm)
 Maximum fixture weight - 300 lbs. (136 Kg)
 Approximate shipping weight - 99 lbs. (45 Kg)

PS4S15C(a)BZ

15' (4.6 m) x 4" (102 mm)
 Wall thickness - 0.125" (3 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 3/4"-10 x 30" (762 mm) + 3" (76 mm)
 Bolt circle diameter - 10" (254 mm) 9.3" - 11" (235 mm - 279 mm)
 Maximum fixture weight - 350 lbs. (159 Kg)
 Approximate shipping weight - 119 lbs. (54 Kg)

PS4S17C(a)BZ

17' (5.2 m) x 4" (102 mm)
 Wall thickness - 0.125" (3 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 3/4"-10 x 30" (762 mm) + 3" (76 mm)
 Bolt circle diameter - 10" (254 mm) 9.3" - 11" (235 mm - 279 mm)
 Maximum fixture weight - 300 lbs. (136 Kg)
 Approximate shipping weight - 131 lbs. (59 Kg)

PS4S20C(a)BZ

20' (6.1 m) x 4" (102 mm)
 Wall thickness - 0.125" (3 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 3/4"-10 x 30" (762 mm) + 3" (76 mm)
 Bolt circle diameter - 10" (254 mm) 9.3" - 11" (235 mm - 279 mm)
 Maximum fixture weight - 350 lbs. (159 Kg)
 Approximate shipping weight - 150 lbs. (68 Kg)

PS4S22C(a)BZ

22' (6.7 m) x 4" (102 mm)
 Wall thickness - 0.125" (3 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 3/4"-10 x 30" (762 mm) + 3" (76 mm)
 Bolt circle diameter - 10" (254 mm) 9.3" - 11" (235 mm - 279 mm)
 Maximum fixture weight - 310 lbs. (141 Kg)
 Approximate shipping weight - 163 lbs. (74 Kg)

PS4S25C(a)BZ

25' (7.6 m) x 4" (102 mm)
 Wall thickness - 0.125" (5 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 3/4"-10 x 30" (762 mm) + 3" (76 mm)
 Bolt circle diameter - 10" (254 mm) 9.3" - 11" (235 mm - 279 mm)
 Maximum fixture weight - 350 lbs. (159 Kg)
 Approximate shipping weight - 182 lbs. (83 Kg)

PS4S25S(a)BZ

25' (7.6 m) x 4" (102 mm)
 Wall thickness - 0.188" (5 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 3/4"-10 x 30" (762 mm) + 3" (76 mm)
 Bolt circle diameter - 10" (254 mm) 9.3" - 11" (235 mm - 279 mm)
 Maximum fixture weight - 350 lbs. (159 Kg)
 Approximate shipping weight - 252 lbs. (114 Kg)

PS4S27R(a)BZ

27' (8.2 m) x 4" (102 mm)
 Wall thickness - 0.125" (3 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 3/4"-10 x 30" (762 mm) + 3" (76 mm)
 Bolt circle diameter - 10" (254 mm) 9.3" - 11" (235 mm - 279 mm)
 Maximum fixture weight - 280 lbs. (127 Kg)
 Approximate shipping weight - 232 lbs. (105 Kg)

PS4S30R(a)BZ

30' (9.1 m) x 4" (102 mm)
 Wall thickness - 0.125" (3 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 3/4"-10 x 30" (762 mm) + 3" (76 mm)
 Bolt circle diameter - 10" (254 mm) 9.3" - 11" (235 mm - 279 mm)
 Maximum fixture weight - 315 lbs. (143 Kg)
 Approximate shipping weight - 301 lbs. (137 Kg)

PS4S30H(a)BZ

30' (9.1 m) x 4" (102 mm)
 Wall thickness - 0.188" (5 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 3/4"-10 x 30" (762 mm) + 3" (76 mm)
 Bolt circle diameter - 10" (254 mm) 9.3" - 11" (235 mm - 279 mm)
 Maximum fixture weight - 340 lbs. (155 Kg)
 Approximate shipping weight - 337 lbs. (153 Kg)

PS5S25S(a)BZ

25' (7.6 m) x 5" (127 mm)
 Wall thickness - 0.188" (5 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 1"-8 x 36" (914 mm) + 4" (102 mm)
 Bolt circle diameter - 10" (254 mm) 9.7" - 11.3" (248 mm - 287 mm)
 Maximum fixture weight - 450 lbs. (204 Kg)
 Approximate shipping weight - 320 lbs. (145 Kg)

PS5S30S(a)BZ

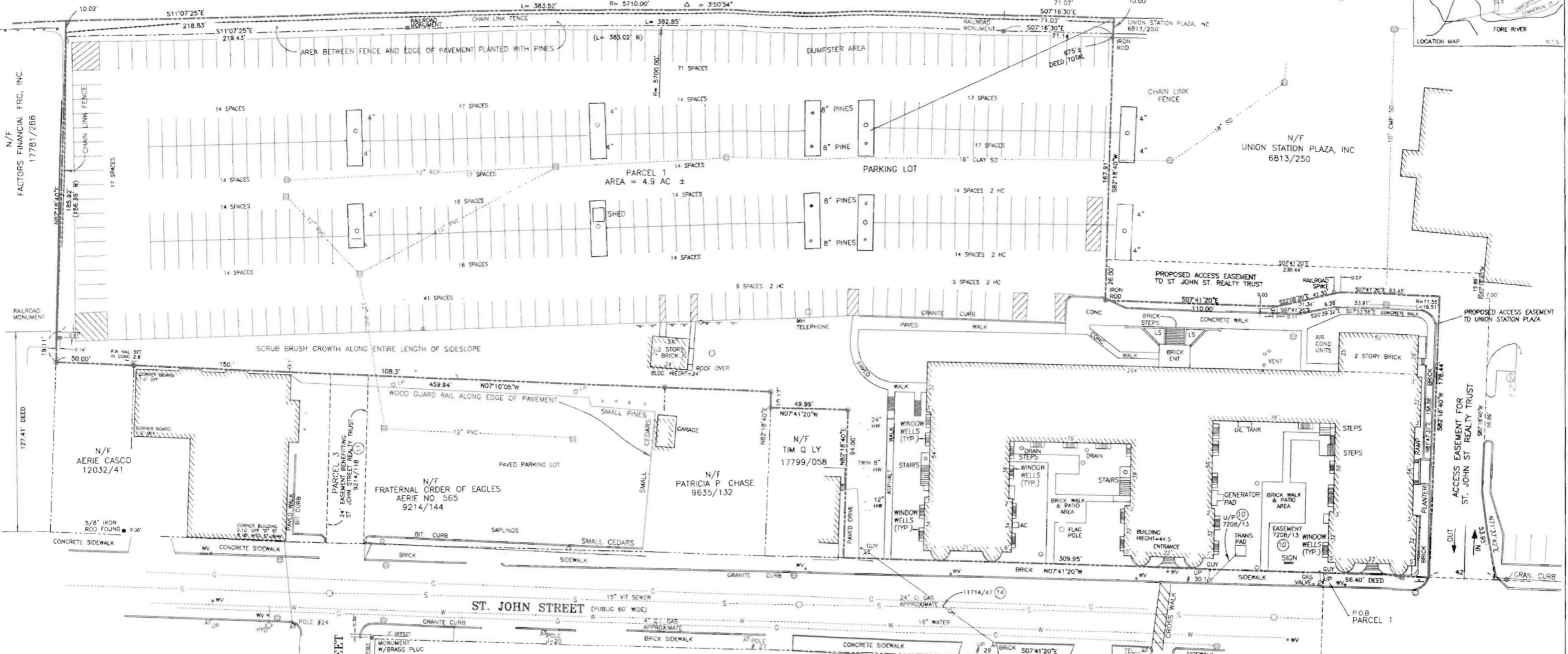
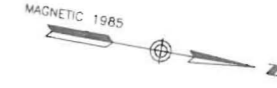
30' (9.1 m) x 5" (127 mm)
 Wall thickness - 0.188" (5 mm)
 Base plate - 10" (254 mm) square x 0.750" (19 mm) thick
 Anchor bolts - 1"-8 x 36" (914 mm) + 4" (102 mm)
 Bolt circle diameter - 10" (254 mm) 9.7" - 11.3" (248 mm - 287 mm)
 Maximum fixture weight - 375 lbs. (170 Kg)
 Approximate shipping weight - 379 lbs. (172 Kg)

PS6S30S(a)BZ

30' (9.1 m) x 6" (152 mm)
 Wall thickness - 0.188" (5 mm)
 Base plate - 12" (305 mm) square x 1" (25 mm) thick
 Anchor bolts - 1"-8 x 36" (914 mm) + 4" (102 mm)
 Bolt circle diameter - 11.5" (292 mm) 11.3" - 12.8" (286 mm - 324 mm)
 Maximum fixture weight - 525 lbs. (238 Kg)
 Approximate shipping weight - 457 lbs. (207 Kg)



N/F
PORTLAND TERMINAL CO



- NOTES:**
- OWNER OF RECORD IS CRAIG G. COFFIN, TRUSTEE OF THE ST. JOHN STREET REALTY TRUST, 7014/308, 7122/147, AND 9214/118, CUMBERLAND COUNTY REGISTRY OF DEEDS. (C.C.R.D.)
 - BEARINGS ARE MAGNETIC IN THE YEAR 1985
 - SUBJECT PROPERTY IS SHOWN AS LOTS 2, 11, 8, & 9, MAP 64, BLOCK A AND LOT 7, MAP 74, BLOCK A, & LOT 6, MAP 75, BLOCK A; LOTS 2, 3, & 4, MAP 64, BLOCK F ON THE CITY OF PORTLAND'S ASSESSOR'S MAPS
 - ACCORDING TO THE NATIONAL FLOOD INSURANCE PROGRAM'S FLOOD INSURANCE MAP (FIRM), FOR THE CITY OF PORTLAND, MAINE, IN CUMBERLAND COUNTY, MAP NUMBER 230051 00139 B, PANEL 13 OF 17, WITH AN EFFECTIVE DATE OF JULY 17, 1986, THIS PROPERTY LIES IN ZONE C, AN AREA OF MINIMAL FLOODING
 - TOTAL NUMBER OF PARKING SPACES
40 SATELLITE LOT
385 REGULAR
8 HANDICAPPED
433 TOTAL
 - NOT ALL UNDERGROUND UTILITIES ARE SHOWN ON THIS SURVEY
 - NO EVIDENCE OF RAILROAD SIGNAL DUCT (2611/162) WAS FOUND

- PLAN REFERENCES**
- "PLAN OF LAND ON ST. JOHN STREET FOR ST. JOHN STREET REALTY TRUST" DATED SEPTEMBER 10, 1985 AND REVISED ON JUNE 16, 1985 BY WALTER M. DUNLAP.
 - "PLAN OF LAND ON ST. JOHN STREET, PORTLAND, MAINE MADE FOR ST. JOHN STREET REALTY TRUST" BY OWEN HASKELL, INC.
 - CITY OF PORTLAND'S ASSESSOR'S MAPS

ZONING

CURRENT ZONE B-2

MINIMUM LOT SIZE: 10,000 S.F.

MINIMUM FRONTAGE: 50 FT.

MINIMUM LOT WIDTH: 50 FT.

MAXIMUM STRUCTURE HEIGHT: 45 FT.

MAXIMUM IMPERVIOUS SURFACE RATIO: 80%

SETBACKS: FRONT YARD: 10 FT.
REAR YARD: 10 FT.
SIDE YARD: 10 FT.

REV 1 08/18/08 REVISED EASEMENTS

ALTA/ACSM LAND TITLE SURVEY

ON
217, 218-238, 221 AND 225
ST JOHN STREET, PORTLAND, MAINE

MADE FOR
OWEN HASKELL, INC.
18 CASCO STREET, PORTLAND, ME 04101 (207) 774-0424
PROFESSIONAL LAND SURVEYORS

Drawn By	WMD	Date	JUNE 27, 2008	Job No	2008-100P
Trace By	RWC/WMD	Scale	1" = 30'	Drawn No	1
Check By	WCS				
Book No.	450,319,360				

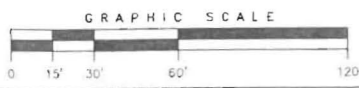
CERTIFICATION

THIS IS TO CERTIFY TO: COWCATCHER LLC, FIRST AMERICAN AND BANGOR SAVINGS BANK THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THIS MAP OR PLAN AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH "MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS," JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS IN 2005. PURSUANT TO THE ACCURACY STANDARDS AS ADOPTED BY ALTA AND NSPS AND IN EFFECT ON THE DATE OF THIS CERTIFICATION, UNDERSIGNED FURTHER CERTIFIES THAT IN MY PROFESSIONAL OPINION, AS A LAND SURVEYOR REGISTERED IN THE STATE OF MAINE, THE RELATIVE POSITIONAL ACCURACY OF THIS SURVEY DOES NOT EXCEED THAT WHICH IS SPECIFIED THEREIN.

DATE: _____ (SEAL)
(SIGNED) _____ (SEAL)
REGISTRATION NO. _____

- LEGEND**
- MONUMENT FOUND
 - RAILROAD SPIKE FOUND
 - IRON ROD FOUND
 - UTILITY POLE
 - LIGHT POLE
 - WATER VALVE
 - MAIL BOX
 - SIGN
 - SCHEDULE B EXCEPTION
 - CATCH BASIN
 - MANHOLE
 - GAS LINE
 - WATER LINE
 - SEWER LINE
 - STORM DRAIN
 - PROPERTY LINE
 - DEED BOOK / PAGE

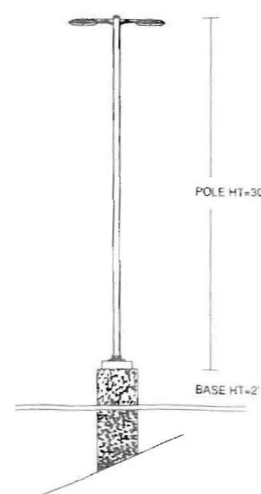
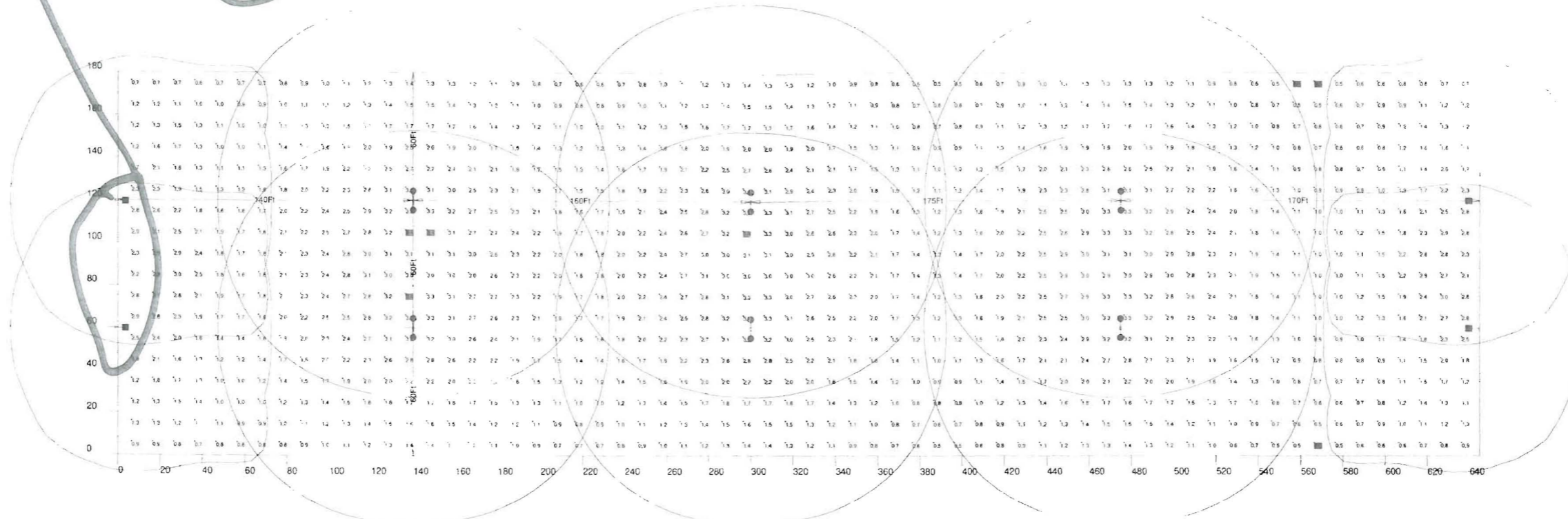
- SCHEDULE B EXCEPTIONS**
- FIRST AMERICAN TITLE INSURANCE COMPANY
FILE NO. 08010050 COMMITMENT NO. 042408-02
EFFECTIVE DATE: APRIL 18, 2008 AT 8:00 A.M.
- NON-SURVEY ITEMS
 - NO PORTION OF ADJACENT STREETS, ROADS, OR WAYS LIE WITHIN SURVEYED PREMISES
 - LAND AREAS SHOWN ON SURVEY
 - TERMS AND PROVISIONS, 7014/304, 8211/309, 15693/194, 15693/195, NON-SURVEY ITEM
 - RIGHTS AND EASEMENTS, 7208/13 AS SHOWN ON PLAN
 - TERMS AND PROVISIONS, 9214/118 AS SHOWN ON PLAN
 - TERMS AND PROVISIONS, 6445/62 AND 2611/162 AS SHOWN ON PLAN
 - NOTICE TO PREVENT "ACQUISITION OF EASEMENT BY ADVERSE POSSESSION," 10492/50. NO EVIDENCE OF ENCROACHMENT FOUND
 - RIGHTS AND EASEMENTS TO CMP, 11714/47 AS SHOWN ON PLAN
 - RIGHT TO OVERHEAD STREET CROSSING, 401/165 NON-LOCUS
 - RIGHTS AND EASEMENTS TO SAMUEL W. POORVU, 2611/162 AS SHOWN ON PLAN



Luminaire Location Summary

LumNo	Z	T#
1	32	0
2	32	0
3	32	0
4	32	0
5	32	0
6	32	0
7	32	0
8	32	0
9	32	0
10	32	0
11	32	0
12	32	0
13	32	0
14	32	0

*These Poles
Will not be added.*



FIXTURE MOUNTING HEIGHT 32 AFG
EXISTING LOCATIONS
PROPOSED POLES MEET 110 MPH SUSTAINED WINDS
ISOLINES AT .3 FC

ADDITIONAL REQUIRED EQUIPMENT
(6) - PS4330R2SV (30' X 4' SQUARE STEEL POLES, TWIN 180° MOUNT, SILVER)
(2) - PS4330R1SV (30' X 4' SQUARE STEEL POLES, SINGLE MOUNT, SILVER)

Symbol	Qty	Label	Arrangement	Lumens/Lamp	LLF	Description	Lum. Wats
■	4	Z	SINGLE	15024	0.990	ARE-EDG-4M-DA-18-C-UL-SV (180-LED, TYPE IV EDGE AREA)	211
●	6	Y	BACK-BACK	16137	0.990	ARE-EDG-5M-DA-18-C-UL-SV (180-LED, TYPE V EDGE AREA)	211

Footcandles calculated using predicted lumen values after 25K hours of operation

Label	Avg	Max	Min	Avg/Min	Max/Min
95867	1.73	3.4	0.4	4.33	8.50

Date: 11/3/2010 Scale: 1"=30' Layout by: MARK JANAKY
Project Name: 222 ST JOHN ST - R2 Customer No: #09436
Filename: Y:\CommonAppEng\Working\Md\101021CW1MDJR2.AGI

1200 92nd Street
Shunewald, WI 53177
www.betaLED.com
(800) 236-6800

Illumination results shown on this lighting design are based on project parameters provided to Beta Lighting used in conjunction with luminaires test procedures conducted under laboratory conditions. Actual project conditions differing from these design parameters may affect field results. The customer is responsible for verifying compliance with any applicable electrical, lighting, or energy code.