

COPY



PLANNING DEPARTMENT

TOWN OF GRAFTON  
GRAFTON MEMORIAL MUNICIPAL CENTER  
30 PROVIDENCE ROAD  
GRAFTON, MASSACHUSETTS 01519  
(508) 839-5335 ext 1120 • FAX (508) 839-4602  
planningdept@grafton-ma.gov  
www.grafton-ma.gov

RECEIVED TOWN CLERK  
GRAFTON, MA

2019 FEB 15 AM 11:56

FEB 15 2019

APPLICATION FOR SITE PLAN APPROVAL

Application No. SPA 2019-1

PLANNING BOARD

APPLICANT NAME: Kenneth C. Best, AIA, Drummey Rosane Anderson, Inc. (DRA Architects)

STREET 225 Oakland Road, Studio 205 CITY/TOWN South Windsor

STATE CT ZIP 06074 TELEPHONE 860 644-8300

PROPERTY OWNER NAME: Town of Grafton

STREET 30 Providence Road CITY/TOWN Grafton

STATE MA ZIP 01519 TELEPHONE 508 839-5335

Deed recorded in the Worcester District Registry of Deeds Book \_\_\_\_\_ Page \_\_\_\_\_

CONTACT PERSON'S NAME: Kenneth C. Best

TELEPHONE 860 644-8300

SITE INFORMATION:

STREET AND NUMBER Grafton Public Library, 35 Grafton Common

ZONING DISTRICT NB / R40 ASSESSOR'S MAP 74 LOT #(S) 74091 69, 90, 91

LOT SIZE 5.27 Acres FRONTAGE 335 FT

CURRENT USE Grafton Public Library

PLAN INFORMATION:

PLAN TITLE C200 Layout and Material (for other materials see list on transmittal).

PREPARED BY CDW Consultants

DATE PREPARED 1-31-19 REVISION DATE \_\_\_\_\_

Describe proposed changes / additions: Demolition of rear stack box and rear entrance and the construction of a new addition with parking area and driveways. See attached for more details.

TO THE GRAFTON PLANNING BOARD:

The undersigned, being the APPLICANT named above, hereby applies for approval of the above entitled SITE PLAN by the Planning Board and certifies that, to the best of APPLICANT'S knowledge and belief, the information contained herein is correct and complete and that said PLAN conforms with the requirements of the Zoning By-Law of the Town of Grafton.

Applicant's Signature Kenneth C Best Date: 2-12-19

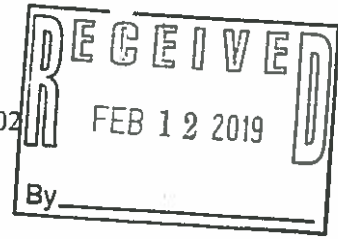
Property Owner's Signature (if not Applicant) [Signature] Date: 2-12-19

EXHIBIT 1a.



**TOWN OF GRAFTON**  
 GRAFTON MEMORIAL MUNICIPAL CENTER  
 30 PROVIDENCE ROAD  
 GRAFTON, MASSACHUSETTS 01519  
 Phone: (508) 839-5335 ext 1170 • FAX: (508) 839-4602  
 www.grafton-ma.gov

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TREASURER / COLLECTOR

**Certificate of Good Standing EXHIBIT 1b.**

Applicants seeking permits with the Town of Grafton must submit this completed form at the time of application. When all obligations are paid to date, you must attach this "Certificate of Good Standing," with your application. Delinquent bills must be paid in full before the appropriate department accepts your application. Please make arrangements to pay these outstanding bills at the Collector's Office.

**Please note: it can take up to three (3) business days to process each request.**

Please check all that apply and indicate if permit(s) have been issued.

	Permit Issued?			Permit Issued?	
	Yes	No		Yes	No
<input type="checkbox"/> Building - Inspection(s)	_____	<u>X</u>	<input type="checkbox"/> Septic System	_____	_____
<input type="checkbox"/> Building - Electric	_____	<u>X</u>	<input type="checkbox"/> Conservation	_____	<u>X</u>
<input type="checkbox"/> Building - Plumbing	_____	<u>X</u>	<input type="checkbox"/> Planning	_____	<u>X</u>
<input type="checkbox"/> Board of Health	_____	<u>X</u>	<input type="checkbox"/> Other	_____	_____

Other Permit: \_\_\_\_\_

Kenneth Best, DRA Architects

Town of Grafton

Petitioner Name

Property Owner / Company Name

225 Oakland Road, Studio 205

Grafton Public Library, 35 Grafton Common

Petitioner Address

Property Address

South Windsor, CT 06074

Grafton, MA

City, State, Zip

City, State, Zip

860 644 8300

Phone

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**PLANNING BOARD  
GRAFTON, MA**

Date:	Current	Delinquent	N/A
Real Estate			
Personal Property			
Motor Vehicle Excise			
Disposal			
General Billing			

*Tax Exempt*

*J. Haffey*

*J. Haffey*

*2/12/19*

Treasurer / Collector Name (please print)

Treasurer / Collector Signature

Date

ID	Site Address	Owner Name	Co-Owner Name	Owner Address	Owner City	Owner Str	Owner Zip	Book	Page
110/074.0-0000-0013.0	10 SOUTH STREET	BROSSI DAVID W		15 JUNIPER LANE	GRAFTON	MA	01519	55774	378
110/074.0-0000-0014.0	8 SOUTH STREET	CONGREGATIONAL CHURCH OF	UNITED CHURCH OF CHRIST	P O BOX 421	GRAFTON	MA	01519-0421	2747	381
110/074.0-0000-0015.0	6 SOUTH STREET	DEVENEY EDWARD F	MAZAN MELISSA R	6 SOUTH STREET	GRAFTON	MA	01519	57679	48
110/074.0-0000-0016.0	2 SOUTH STREET	BKMA LLC	C/O JAMES C SULLIVAN	2 SOUTH STREET	GRAFTON	MA	01519	51756	105
110/074.0-0000-0073.0	3 GRAFTON COMMON	UNITARIAN SOCIETY CHURCH		PO BOX 102	GRAFTON	MA	01519	293	65
110/074.0-0000-0075.0	6 NORTH STREET	OPAROWSKI PAUL J	OPAROWSKI SUZANNE M	6 NORTH STREET	GRAFTON	MA	01519	20964	111
110/074.0-0000-0076.0	4 NORTH STREET	O'HARA MARY F		4 NORTH STREET	GRAFTON	MA	01519-1215	22732	005
110/074.0-0000-0077.0	2 NORTH STREET	O'HARA MARY F		4 NORTH STREET	GRAFTON	MA	01519-1215	23074	368
110/074.0-0000-0079.0	21 GRAFTON COMMON	MAGILL JOHN H		P O BOX 565	GRAFTON	MA	01519-0565	13080	1
110/074.0-0000-0080.0	25 GRAFTON COMMON	JJH INVESTMENTS INC		25 GRAFTON COMMON	GRAFTON	MA	01519	54667	59
110/074.0-0000-0080.A	19 UPTON STREET	JJH INVESTMENTS INC		25 CENTRAL SQUARE	GRAFTON	MA	01519-1186	54667	59
110/074.0-0000-0081.0	17 UPTON STREET	GRAFTON TOWN OF	TREE DEPARTMENT	30 PROVIDENCE ROAD	GRAFTON	MA	01519-1186	3980	466
110/074.0-0000-0082.0	23 UPTON STREET	HARCOVITZ ALEXANDER TRUSTE	HARKEY REALTY TRUST	256 ORCHARD STREET	MILLIS	MA	02054-1024	8398	364
110/074.0-0000-0083.0	25 UPTON STREET	SCIARRO ROSS		25 UPTON STREET	GRAFTON	MA	01519-1234	31177	27
110/074.0-0000-0085.0	26 UPTON STREET	GRAFTON TOWN OF	NEW CENTER FIRE STATION	30 PROVIDENCE ROAD	GRAFTON	MA	01519	41767	335
110/074.0-0000-0087.0	22 UPTON STREET	CUMBERLAND FARMS INC		100 CROSSING BLVD V0104	FRAMINGHAM	MA	01702	5263	192
110/074.0-0000-0088.0	8 UPTON STREET	GRAFTON & UPTON RAILROAD		72 WESTBORO ROAD	N GRAFTON	MA	01536	1273	613
110/074.0-0000-0089.0	6 UPTON STREET	GRAFTON TOWN OF		30 PROVIDENCE ROAD	GRAFTON	MA	01519	47599	297
110/074.0-0000-0090.0	4 UPTON STREET	GRAFTON TOWN OF		30 PROVIDENCE ROAD	GRAFTON	MA	01519	47599	297
110/074.0-0000-0091.0	35 GRAFTON COMMON	GRAFTON TOWN OF	WHEELLOCK LIBRARY	35 GRAFTON COMMON	GRAFTON	MA	01519	2428	425
110/074.0-0000-0092.0	37 GRAFTON COMMON	PADULA JAMES W	PADULA NANCY A	7 BROWNS ROAD	GRAFTON	MA	01519-1316	8978	16
110/074.0-0000-0093.0	39 GRAFTON COMMON	NORMANDIN MARY L ESTATE OF	C/O PADULA JAMES & NANCY	7 BROWNS ROAD	GRAFTON	MA	01519-1316	6382	53
110/074.0-0000-0094.0	1 SOUTH STREET	BAPTIST CHURCH OF GRAFTON		P O BOX 304	GRAFTON	MA	01519-0304	0	0
110/074.0-0000-0095.0	3 SOUTH STREET	DESROSIERES LISA E		3 SOUTH STREET	GRAFTON	MA	01519-1148	17120	148
110/074.0-0000-0096.0	5 SOUTH STREET	NOLIN ANDREW J	NOLIN SUSAN M	5 SOUTH STREET	GRAFTON	MA	01519	13023	160
110/074.0-0000-0097.0	7 SOUTH STREET	DARRAH JOHN J	DARRAH PATRICIA A	7 SOUTH STREET	GRAFTON	MA	01519-1148	21037	202
110/074.0-0000-0098.0	9 SOUTH STREET	SMOCK BENJAMIN	BATES KATHLEEN	9 SOUTH STREET	GRAFTON	MA	01519	56068	263
110/074.0-0000-0099.0	11 SOUTH STREET	MAZZA ROBERT C & CALDWELL C	MAZZA-CALDWELL NOMINEE	73 LIBBY LANE	TAUNTON	MA	02780	50535	193
110/074.0-0000-0100.0	13 SOUTH STREET	SORENSEN JAMES A	SORENSEN MEAGHAN E	13 SOUTH STREET	GRAFTON	MA	01519	56066	79
110/074.0-0000-0101.0	15 SOUTH STREET	BASKOWSKI JEFFREY W	BASKOWSKI ANNE M	15 SOUTH STREET	GRAFTON	MA	01519	21039	38
110/074.0-0000-0102.0	17 SOUTH STREET	DESROSIERES RENEE E		17 SOUTH STREET	GRAFTON	MA	01519-1148	18982	65
110/074.0-0000-0103.0	19 SOUTH STREET	DESROSIERES DONALD R	WELCH-DESROSIERES PATRIC	19 SOUTH STREET	GRAFTON	MA	01519-1148	37813	330
110/074.0-0000-0104.0	23 SOUTH STREET	COLLINS WILLIAM J	HUNT MARGARET S	23 SOUTH STREET	GRAFTON	MA	01519-1148	13593	133
110/074.0-0000-0106.0	31 SOUTH STREET	MAHONEY DONALD P	MAHONEY PATRICIA A	31 SOUTH STREET	GRAFTON	MA	01519-1148	4848	253
110/075.0-0000-0044.0	39 SIBLEY STREET	MAGILL JAMES E		28 SIBLEY STREET	GRAFTON	MA	01519	14941	207

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**EXHIBIT 1c.**

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**PLANNING BOARD  
 GRAFTON, MA**

**THE GRAFTON PUBLIC LIBRARY – EXPANSION AND RENOVATION 2-6-19**

Rev 1

**PROJECT DESCRIPTION:**

The project includes the demolition of the rear stack wing and current rear entrance addition and the construction of a new two-level addition to the rear of the original main building. The building use will remain as Assembly 3 for public library use.

The Lower Level is similar to the elevation of Upton Street before it slopes up to the Common. The Lower Level will include the main entrance from the new parking area on the east end of the building, the Children’s room and Teen room, the main Lobby and support spaces. It will also include the Program Room for up to 92 seated (182 standing) people. The Program room has a patio on the south side to allow functions to extend to the outside of the room. An exit door on the south side of the Children’s Room has a sidewalk that slopes up to the existing sidewalk leading to the West entrance. At a landing in the sloped/ramped walk a connection is made to an outdoor storytelling area for the young children and their parents.

The Main Level, which connects to the Main Floor of the original building discharges at the West end of the building to the Common. The Main Level includes the Adult Library services. The original entrance will remain operational but will not be accessible for disabled persons. A waiver is being sought from Mass Historic to avoid altering the historic entrance and vestibule.

The parking lot for 81 cars will be located on the east end of the building. Sidewalks lead up to the parking and to Upton Street. An entrance driveway (one-way) loops from Upton Street to provide access to a drive-up book return and to a walk-up return for all materials. This area will be used for deliveries. (See additional information below). These are all short duration; less than ten minutes. This driveway then connects to the two-way driveway that leads to the parking lot and Upton Street.

The site of the expanded library is currently used for the existing library building and an adjacent parking area. To the west of this is an unpaved parking lot used for library overflow parking. To the south of the parking lot is undeveloped land of which a significant portion is wetlands. In the proposed expansion of the library the current parking areas will be used for the addition and the parking relocated and expanded to the east side of the site outside the 25-foot wetlands buffer. One small area of wetlands is proposed to be filled and an expansion of the main wetland area added as compensation for the small loss.

In our application to the Conservation Commission, we will be requesting a change to the rear sidewalk from the children’s room exit. Currently the plan indicates a sidewalk exiting to the west that is ramped up to the front of the original building. The changes has the sidewalk exiting to the parking area on the east side of the building. In doing so, the sidewalk will extend through the 25’ wetlands buffer. Our proposal will include additional expansion of the wetlands area towards the rear of the site.

**EXHIBIT** *1d.*

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**GENERAL INFORMATION:**

**Current Library Hours:**

Mon-Thursday 10:00 am to 9:00 pm

Friday – Saturday 10:00 am to 5:00 pm.

**Possible Future Library Hours (subject to funding and Board approval):**

Mon-Thursday 9:00 am to 9:00 pm

Friday – Saturday 10:00 am to 6:00 pm.

Sundays – 1 pm – 5 pm (week after Labor Day to week before Memorial Day).

**Maximum Number of Employees**

10 typically but 20 during overlap in shifts

In future could increase to 15.

**Deliveries and frequency**

Inter Library Loan 1 per day (Monday to Friday)

UPS Deliveries 3 per day

Fedex 1 per day.

Saturdays up to 3 deliveries.

Delivery schedule will remain similar to the above.

**Hazardous Material Uses: NONE**

**No future changes to the building area anticipated.**

**Maximum Building Occupancy: 495 per Building Code**

**Parking Calculation.**

In accordance with the Massachusetts Board of Library Commissioner we have provided 1 spaces for each 400SF of floor area, plus 10 staff spaces and 3 accessible spaces and 1 accessible van space.

Building Area: 24,638 SF.  $24,638/400 = 62$ .  $62+10+3+1=76$  spaces No. provided = 81 spaces

**Waivers Requested:**

1. To allow loading zone in front yard. Deliveries are for a very limited time. (4.2.3.2)
2. Setback line passes through front of original building (3.4.3.5) Requires ZBA approval.
3. Parking spaces are shown at the intersection of the front yard and east side yard.
4. For not designing the stormwater system to Planning Board Standards but instead to design to Conservation Standards.

**Zone Requirements:**

Zoning District NB (Rear Area R 40)

Min Area 20,000 SF

Min Frontage 100 FT

Front Yard 40 FT

Side Yard 15 FT

Rear Yard 15 FT

Max Building Coverage 30% of lot. Complies.

Maximum Building Height 35 FT.

Mid-point of sloped roof (parapet) of addition is 33'-11" above average grade.

Mid-point of sloped roof (parapet) of Original building is 35'-0" above average grade.

\* \* \*

# GRAFTON LIBRARY - SITE LIGHTING CUTS

BEGA LED system bollard - luminaire head with unshielded light with safety guard - 180°

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**PLANNING BOARD  
GRAFTON, MA**

Type:  
BEGA Product:  
Project:  
Voltage:  
Color:  
Options:  
Modified:

**EXHIBIT 1e.**

**Enclosure:** Housing constructed of die-cast aluminum. Die-castings are marine grade, copper free ( $\leq 0.3\%$  copper content) A360.0 aluminum alloy. Glass diffuser, inside white. Fully gasketed for weather tight operation using molded silicone gasket.

**Installation:** BEGA LED system bollards are designed for easy attachment to system bollard tubes using an interlocking stainless steel mechanism and stainless steel set screw threaded into stainless steel insert. An accompanying bollard tube must be selected for proper installation, see below chart for compatible tube options.

**Electrical:** 16.5W LED luminaire, 19.8 total system watts,  $-30^{\circ}\text{C}$  start temperature. Integral 120V through 277V electronic LED driver, 0-10V dimming. LED module(s) are available from factory for easy replacement. Standard LED color temperature is 3000K with a  $>80$  CRI. Available in 4000K ( $>80$  CRI); add suffix K4 to order.

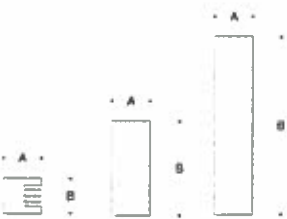
**Note:** LEDs supplied with luminaire. Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to [www.bega-us.com](http://www.bega-us.com).

**Finish:** All BEGA standard finishes are polyester powder coat with minimum 3 mil thickness. Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

CSA certified to U.S. and Canadian standards, suitable for wet locations. Protection class IP65

Weight: 11.0 lbs.

Luminaire Lumens: 313



Bollard heads - unshielded with safety guard - 180°

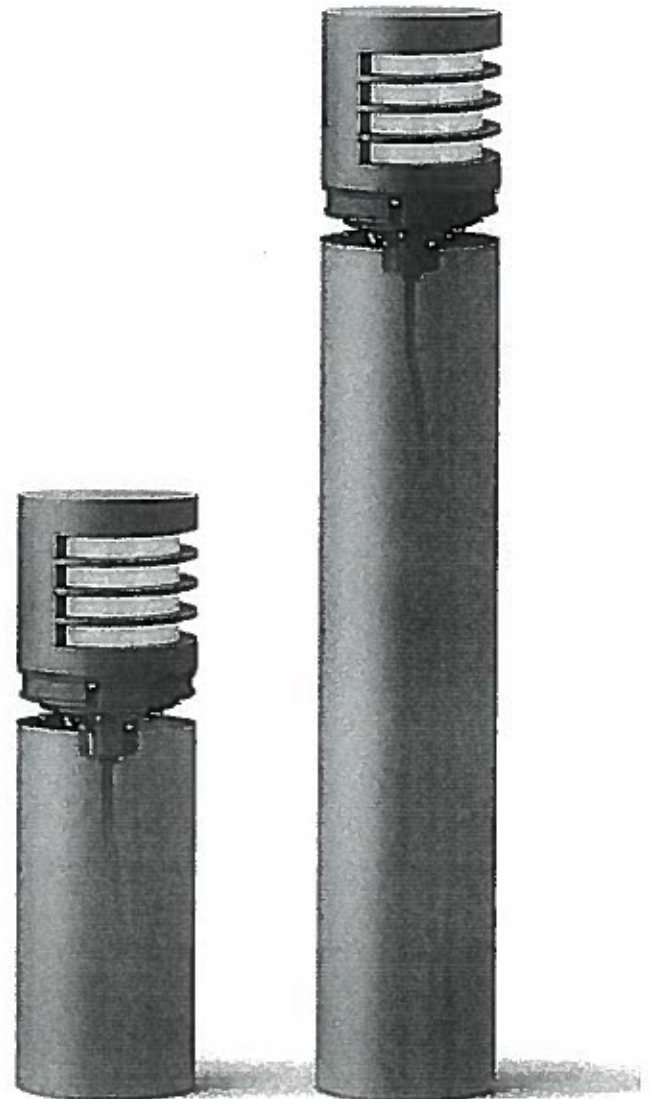
Lamp	A	B
99 776 16.5W LED	7 1/2	7 1/4

Bollard tubes for luminaire heights 19 1/4 - 21 1/4 - 23 1/2

	A	B	Anch. unit
99 615	7 1/2	14 1/2	79 817

Bollard tubes for luminaire heights 31 1/2 - 39 1/4 - 43 1/4

Integrated components	Door	A	B	Anch. unit
99 622 -	✓	7 1/2	32	79 818
99 644 1 LED floodlight 18.3W	✓	7 1/2	32	79 818
99 626 GFCI outlet	✓	7 1/2	32	79 818
99 658 Passive infrared motion sensor	✓	7 1/2	32	79 818
99 635 Emergency lighting battery 10W	✓	7 1/2	32	79 818



# Ouro Post Top

## Small Housing Scale - UR20 POST LIGHTS



### FEATURES

- 20" size in post top, pole and wall mount
- High performance optics up to 17,000 delivered lumens
- Elegant form factor
- Diffusion lens option
- SiteSync™ wireless control options



3000K and warmer CCTs only

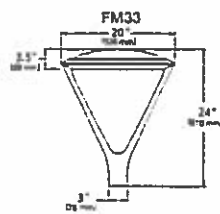
### ORDERING INFORMATION (Example)

UR20	LED Engine	CCT	Distribution	Rotation	Voltage	Mounting	
<b>Series</b>	<b>LED Engine</b>	<b>CCT</b>	<b>Distribution</b>	<b>Rotation</b>	<b>Voltage</b>	<b>Mounting</b>	
UR20 Ouro	No Lens or Clear Lens 24L-25 3,000 lm 24L-65 7,000 lm 56L-75 10,000 lm 56L-110 15,000 lm 56L-140 17,000 lm HDL - High Diffusion Lens* 28L-30 3,000 lm 28L-70 7,000 lm 68L-80 9,000 lm 68L-115 13,000 lm 68L-150 15,000 lm	AM Amber 3K7 3000K, 70 CRI 3K8 3000K, 80 CRI 3K9 3000K, 90 CRI 4K7 4000K, 70 CRI 4K8 4000K, 80 CRI 5K7 5000K, 70 CRI	FR Type 1/Front Row 2 Type II 3 Type III 4 Type IV 4W Type IV Wide 5QM Type V Square Medium 5QN Type V Square Narrow 5R Type V Rectangular 5W Type V Wide (Round)	Blank for no rotation L <sup>1</sup> Optic rotation left R <sup>1</sup> Optic rotation right	UNV 120-277V 347 347V 480 480V DALI 120-277V <sup>1</sup> Consult factory	FM33 Flush mt 3.0" OD pole, 3" fixture base FM44 Flush mt 3.6" to 4.0" OD pole, 4" fixture base PT23 3" Post Top mount for 2 3/8" OD Tenon PT24 4" Post Top mount for 2 3/8" OD Tenon PT34 4" Post Top mount for 2 7/8" OD Tenon	
<b>Fixture Finish</b>	<b>Control Options</b>		<b>Options</b>		<b>Control Accessories</b>		
BL Black DB Dark Bronze LG Light Gray GT Graphite PS Platinum Silver TT Titanium WH White CC Custom Color <sup>1</sup> Consult factory	7PR-TL 7 pin PCR with twist lock photocontrol 7PR-SC 7 pin PCR with shorting cap 7PR 7 pin PCR, wireless control enabled AD-01 <sup>2</sup> AstroDIM: 50% output at midnight AD-02 <sup>2</sup> AstroDIM: 50% output midnight to 4 AM AD-03 <sup>2</sup> AstroDIM: 50% output 10PM AD-04 <sup>2</sup> AstroDIM: 50% output 10PM to 4AM NXWE NX Wireless Enabled NXSPW14F <sup>2</sup> NX Wireless, PIR Sensor, 14' NXSPW30F <sup>2</sup> NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting, 30' NXSP14F <sup>2</sup> NX, PIR Occupancy Sensor, Dimming Daylight Harvesting, 14' NXSP30F <sup>2</sup> NX, PIR Occupancy Sensor, Dimming Daylight Harvesting, 30'		SWP <sup>2,3,4</sup> SiteSync Pre commission SWPM-8F <sup>2,3,4</sup> SiteSync with Sensor up to 8' MH, <sup>1</sup> 120/277/347V SWPM-40F <sup>2,3,4</sup> SiteSync with Sensor 9' to 40' MH WSP-8F-1 <sup>2</sup> Dimming Occ. Sensor for up to 8' MH, 120/277/347V WSP-8F-2 <sup>2</sup> Dimming Occ. Sensor for up to 8' MH, 208/240V WSP-8F-3 <sup>2</sup> Dimming Occ. Sensor for up to 8' MH, 480V WSP-40F-1 <sup>2</sup> Dimming Occ. Sensor for up to 40' MH, 120/277/347V WSP-40F-2 <sup>2</sup> Dimming Occ. Sensor for up to 40' MH, 208/240V WSP-40F-3 <sup>2</sup> Dimming Occ. Sensor for up to 40' MH, 480V		BC <sup>5</sup> Backlight Control SF Single Fuse DF Double Fuse TB Terminal Block CLR Clear Lens HDL Diffuse Lens TL Tamper proof latch		SW7PR <sup>2,3</sup> SiteSync with 7 pin PCR SWUSB SiteSync Software on USB SWTAB SiteSync Windows® Tablet SWBRG SiteSync Wireless Bridge Node Module WIR-RME-L wiSCAPE External Fixture Module SCL-R Occ. Sensor for Round Pole (up to 16' MH) SCL-S Occ. Sensor for Square Pole (up to 16' MH) SCH-R Occ. Sensor for Round Pole (16' to 30' MH) SCH-S Occ. Sensor for Square Pole (16' to 30' MH)

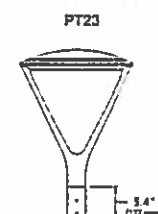
\* Only available with Type 3 and Type 5W optics

Microsoft, Encarta, MSN, and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

- 1 Not available with 5QM, 5QN, and 5W distributions.
- 2 Not available with other sensor or wireless control options.
- 3 Specify group and zone at time of order. See [www.hubbellighting.com/sitesync](http://www.hubbellighting.com/sitesync) for more details. Order at
- 4 Not available with 347V and 480V.
- 5 Not available with Type V distributions or HDL option.



EPA: .512



EPA: N/A



EPA: .534



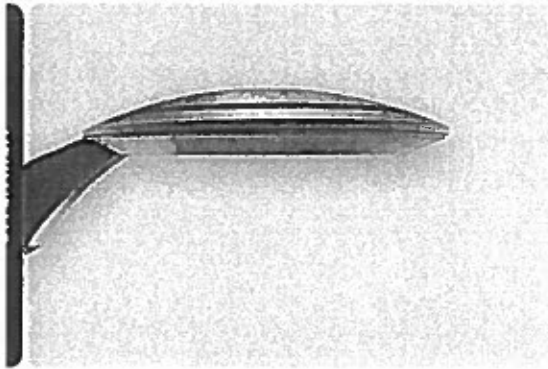
EPA: .424 / .608

Weight: 35 lbs



# Ouro Arm Mount

Small Housing Scale **UR20** Wall mounted lights



## FEATURES

- 20" size in post top, pole and wall mount
- High performance optics up to 17,000 delivered lumens
- Elegant form factor
- Diffusion lens option
- SiteSync™ wireless control options



3000K and warmer CCTs only

## ORDERING INFORMATION (Example)

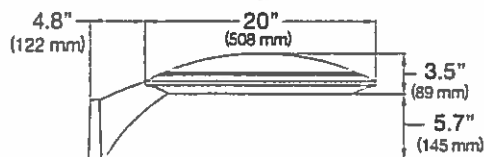
UR20	LED Engine	CCT	Distribution	Rotation	Voltage	Mounting
Series	LED Engine	CCT	Distribution	Rotation	Voltage	Mounting
UR20 Ouro	No Lens or Clear Lens 24L-25 3,000 lm 24L-65 7,000 lm 56L-75 10,000 lm 56L-110 15,000 lm 56L-140 17,000 lm HDL - High Diffusion Lens* 5K7 5000K, 70 CRI 28L-30 3,000 lm 28L-70 7,000 lm 68L-80 9,000 lm 68L-115 13,000 lm 68L-150 15,000 lm	AM Amber 3K7 3000K, 70 CRI 3K8 3000K, 80 CRI 3K9 3000K, 90 CRI 4K7 4000K, 70 CRI 4K8 4000K, 80 CRI 5K7 5000K, 70 CRI	FR Type 1/Front Row 2 Type II 3 Type III 4 Type IV 4W Type IV Wide 5QM Type V Square Medium 5QN Type V Square Narrow 5R Type V Rectangular 5W Type V Wide (Round)	Blank for no rotation L <sup>1</sup> Optic rotation left R <sup>1</sup> Optic rotation right	UNV 120-277V 347 347V 480 480V DALI 120-277V <sup>1</sup> Consult factory	ASQ Arm Square pole A34 Arm mt 3.3-4.2" OD pole A46 Arm mt 4.5-6.0" OD pole MAF Horizontal Slipfitter 2 3/8" OD arm SVSF Square Vertical Slipfitter for 2" Tenon (2-3/8" OD) VSF Round Vertical Slipfitter for 2" Tenon (2-3/8" OD) WB Wall Bracket
Fixture Finish	Control Options	Options	Control Accessories			
BL Black DB Dark Bronze LG Light Gray GT Graphite PS Platinum Silver TT Titanium WH White CC Custom Color <sup>1</sup> Consult factory	7PR-TL 7 pin PCR with twist lock photocontrol 7PR-SC 7 pin PCR with shorting cap 7PR 7 pin PCR, wireless control enabled AD-01 <sup>2</sup> AstroDIM: 50% output at midnight AD-02 <sup>2</sup> AstroDIM: 50% output midnight to 4 AM AD-03 <sup>2</sup> AstroDIM: 50% output 10PM AD-04 <sup>2</sup> AstroDIM: 50% output 10PM to 4AM NXWE NX Wireless Enabled NXSPW14F <sup>2</sup> NX Wireless, PIR Sensor, 14' NXSPW30F <sup>2</sup> NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting, 30'. NXSP14F <sup>2</sup> NX, PIR Occupancy Sensor, Dimming Daylight Harvesting, 14' NXSP30F <sup>2</sup> NX, PIR Occupancy Sensor, Dimming Daylight Harvesting, 30'	SWP <sup>2,3,4</sup> SiteSync Pre commission SWPM-8F <sup>2,3,4</sup> SiteSync with Sensor up to 8' MH SWPM-40F <sup>2,3,4</sup> SiteSync with Sensor 9' to 40' MH WSP-8F-1 <sup>2</sup> Dimming Occ. Sensor for up to 8' MH, 120/277/347V WSP-8F-2 <sup>2</sup> Dimming Occ. Sensor for up to 8' MH, 208/240V WSP-8F-3 <sup>2</sup> Dimming Occ. Sensor for up to 8' MH, 480V WSP-40F-1 <sup>2</sup> Dimming Occ. Sensor for up to 40' MH, 120/277/347V WSP-40F-2 <sup>2</sup> Dimming Occ. Sensor for up to 40' MH, 208/240V WSP-40F-3 <sup>2</sup> Dimming Occ. Sensor for up to 40' MH, 480V	BC <sup>5</sup> Backlight Control SF Single Fuse DF Double Fuse TB Terminal Block CLR Clear Lens HDL Diffuse Lens TL Tamper proof latch	SW7PR <sup>2,3</sup> SiteSync with 7 pin PCR SWUSB SiteSync Software on USB SWTAB SiteSync Windows® Tablet SWBRG SiteSync Wireless Bridge Node WIR-RME-L wiSCAPE External Fixture Module SCL-R Occ. Sensor for Round Pole (up to 16' MH) SCL-S Occ. Sensor for Square Pole (up to 16' MH) SCH-R Occ. Sensor for Round Pole (16' to 30' MH) SCH-S Occ. Sensor for Square Pole (16' to 30' MH)		

\* Only available with Type 3 and Type 5W optics

Microsoft, Encarta, MSN, and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

1 Not available with 5QM, 5QN, and 5W distributions.  
2 Not available with other sensor or wireless control options.  
3 Specify group and zone at time of order. See [www.hubbellighting.com/sitesync](http://www.hubbellighting.com/sitesync) for more details. Order at

least one SiteSync interface accessory SWUSB or SWTAB. Each option contains SiteSync License, GUI, and Bridge Node.  
4 Not available with 347V and 480V.  
5 Not available with Type V distributions or HDL option.



**COPY**

**THE GRAFTON PUBLIC LIBRARY – EXPANSION AND RENOVATION 2-14-19**

**Application for Site Plan Approval**

This is to confirm that the library project will cover the Peer Review Costs associated with this application, but that the Application Fee will be waived for the project.

Property Owner's Signature:



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Town of Grafton, MA

**EXHIBIT 1f.**

**RECEIVED**

FEB 15 2019

**PLANNING BOARD  
GRAFTON, MA**