

SELECTIVE DEMOLITION

SUMMARY

Carefully demolish and remove from the site those items shown on the drawings to be so demolished and removed, including, but not limited to:
 bollard lighting fixtures and bases
 step light fixtures in entrance ramp walls
 bituminous concrete pavement for trenching underground wiring, if necessary

EXECUTION

- By careful study of the Contract Documents, determine the location and extent of selective demolition to be performed.
- In company with the Architect, visit the site and verify the extent and location of selective demolition required.
- Prepare and follow an organized plan for demolition and removal of items.
- Demolished materials shall be considered property of the Contractor and shall be completely removed from the job site unless otherwise noted in these Drawings.
- Use means necessary to prevent dust becoming a nuisance to the public, to neighbors, and to other work being performed on or near the site.
- Brainerd Memorial Library (BML) shall arrange with Eversource to remove the existing utility pole and lighting fixture.

End of Section

ASPHALTIC CONCRETE PAVING CUTTING AND PATCHING

SUMMARY

- Trenching for underground wiring that requires cutting existing parking lot pavement: Cut and remove asphaltic concrete paving in areas approved by BML and its Architect. Patch same areas with asphaltic concrete after completion of wiring installation, backfilling and compaction, using materials and in same thicknesses as pavement that is removed.

TRENCHING IN LAWNS AND LAWN RESTORATION

SUMMARY

- Trenching for underground wiring in existing lawns: Remove lawns and soils in areas approved by BML and its Architect. Hydroseed disturbed lawn areas after completion of wiring installation and backfilling with approved sub-soils and top soil. Top soil thickness shall be 6" minimum. Grass seed shall be a mix that will produce turf similar to existing turf abutting disturbed lawn areas.

ELECTRICAL

SUMMARY

Remove two bollard lights and bases where indicated.

Remove all step lights in entrance ramp walls, and prepare concrete recesses for installation of replacement step light fixtures. Replace wiring if required for proper operation of new steps lights.

Install a total of five pole-mounted lighting where shown on Drawing A2.0.

SUBMITTALS

- Product data: Within 35 calendar days after the Contractor has received the Owner's Notice to Proceed, submit:
 - Materials list of items proposed to be provided under this Section;
 - Manufacturer's specifications and other data needed to prove compliance with the specified requirements.

PRODUCTS

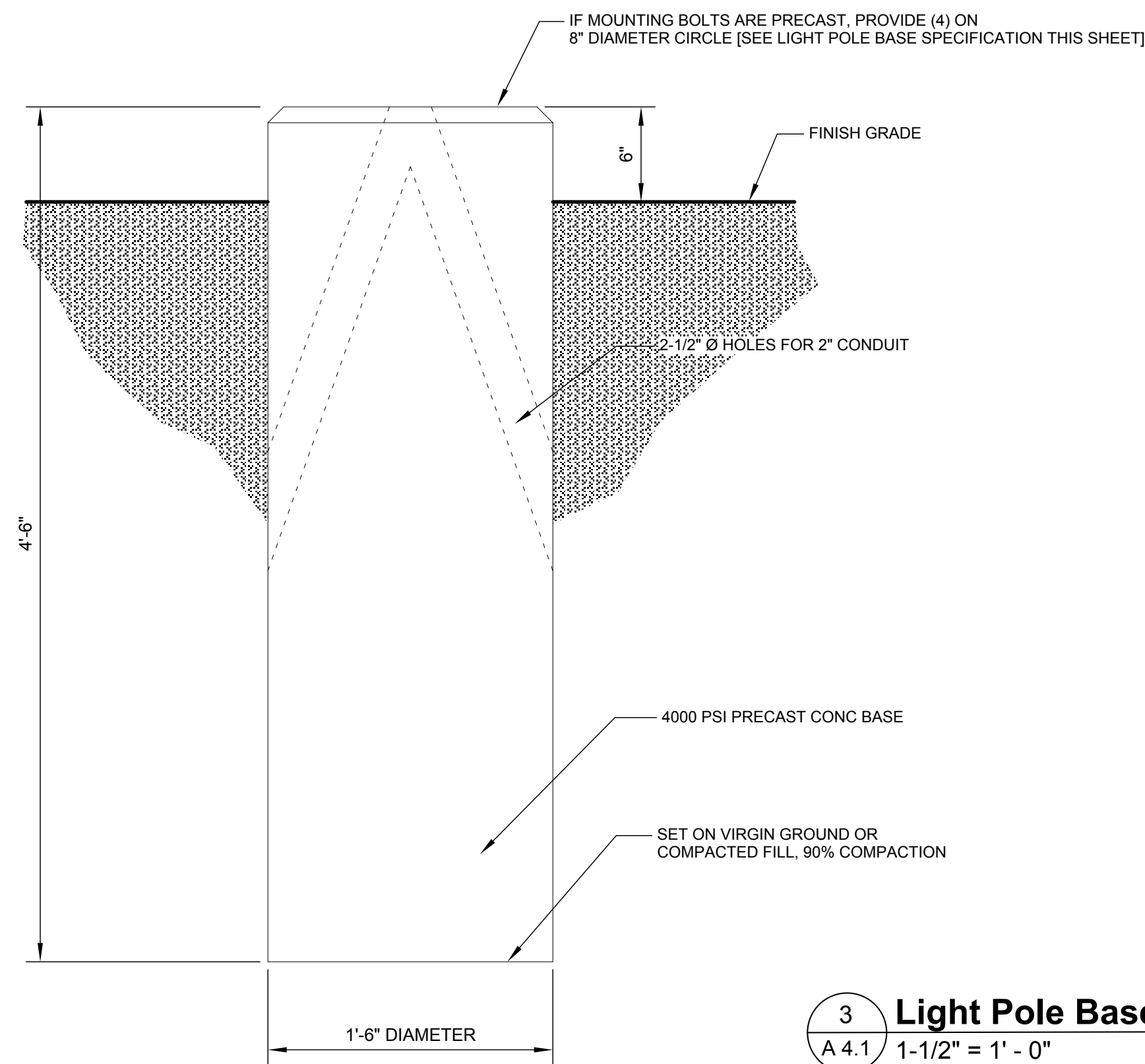
- Luminaires and poles (to be supplied to the Contractor by Brainerd Library):
 - Luminaires: Progress Lighting PCPTT series, LED, as shown on the Drawings
 - Poles: As shown on the Drawings

3. Other products including Schedule 40 PVC conduit and fittings, wiring, and other products or materials needed for a complete and proper installations required by the Work.

EXECUTION

- General:
 - Work shall comply with the requirements of Eversource and all applicable codes.
 - Potential disruptions of electrical service to the Library during normal operating hours must be coordinated with and approved by the Library director and/or the Architect.
- Area lighting:
 - Install five pole-mounted lights supplied by Brainerd Library;
 - Coordinate with the General Contractor the installation of concrete bases for these lights; positions of lights not specifically located on the Drawings shall be reviewed with the Architect;
 - Provide all conduit and wiring to these light fixtures;
 - All five lights shall be timer-controlled from the Library.
- Step lights:
 - Replace existing step lights in walls of ramp to Library entrance with new LED step lights of similar configuration.
 - These lights shall be timer-controlled from the Library utilizing existing wiring.

End of Section



3 Light Pole Base
 A 4.1 1-1/2" = 1' - 0"

Project: _____
 Fixture Type: _____
 Location: _____
 Contact: _____

PCPTT SERIES LED Post Top Traditional

Specifications:

Construction:

Traditional style post top luminaire with decorative cast aluminum cap mechanically attached to optical chamber. Cast aluminum multi-sided cage with UV stabilized acrylic lenses sealed for weather tight operation. Aluminum lower electrical chamber with bottom flter to mount to 3"OD x 3 1/4" tenon.

Construction:

One piece optical system with internal brass standoffs soldered to the board which can be field replaced. Two-piece die cut silicone and polycarbonate foam gasket ensures weather-proof seal around each individual LED and allows luminaire to be rated for high-pressure hose down applications. The optical cartridge is secured to extruded housing with fasteners and heat pad to ensure thermal conductivity. Optics held into place without use of adhesives and complete assembly is gasketed for high pressure hose down cleaning.

Electrical:

Luminaire equipped with LED driver that operates with 120-277V universal voltage, 50/60Hz and includes 0-10V dimming capability. Power factor is 0.94 at full load. All electrical components rated at 50,000 hours at full load and 25°C ambient conditions. Thermal feedback between PCB and driver to protect luminaire from excessive temperature by reducing drive current as necessary. Surge protection standard with device providing surge current rating of 20kA using 8/20 µsec wave, LSP clamping voltage of 85V and surge rating of 540J.

Finish:

Polyester powder paint finish that is corrosion resistant and resists surface impacts up to 160 inch-pound.

Listing/Certification:

The luminaire bears an NRTL label and is marked suitable for wet locations.

Warranty:

5 year limited warranty covering LED array and LED driver(s).

Catalog number:

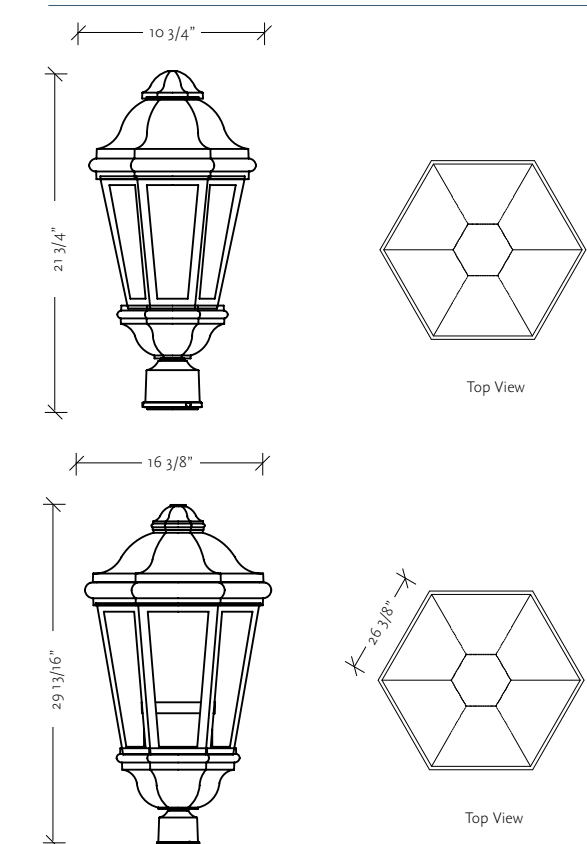
Series	Engine/Wattage	Distribution	Finish	Options
PCPTT	27 - 27W 55 - 55W 80 - 80W 110 - 110W	3 - Type 3 4 - Type 4 5 - Type 5	BZ - Bronze BL - Black GN - Green	Blank P - Photocell

For more information visit our website: www.progresscommercial.com

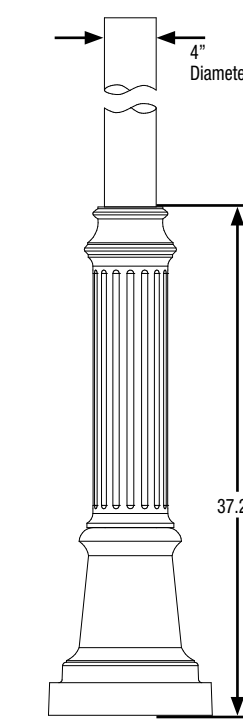
Images:



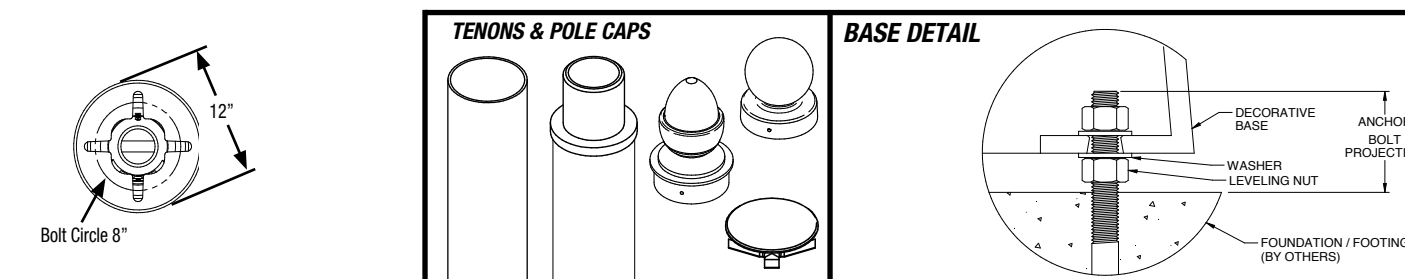
Dimensions & Mounting



RSA-B-FLAK SERIES POLES ROUND STRAIGHT ALUMINUM	Cat.#			BEACON Progress Lighting Technology
	Job	Type	Approvals	



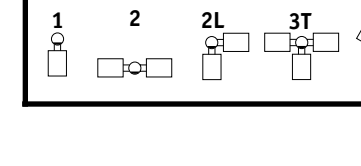
- APPLICATIONS**
- Lighting installations for side and top mounting of luminaires with effective projected area (EPA) not exceeding maximum allowable loading of the specified pole in its installed geographic location
- CONSTRUCTION**
- SHAFT: One-piece straight aluminum with fluted or smooth cross section; Extruded shafts of 6061-T6 aluminum in 1/8", 3/16", or 1/4" thickness. Decorative base of 356 cast aluminum.
 - POLE CAP OR FINALS: Cap or decorative finials available for side mounted luminaires. Open top or tenons provided for post top mounted luminaires.
 - HAND HOLE: Hand hole provided in cast base; Mounting provisions for grounding lug located behind cover
 - ANCHOR BOLTS: Four galvanized anchor bolts provided per pole with minimum yield of 55,000 psi (ASTM F1554). Galvanized hardware with two washers and two nuts per bolt for leveling
- FINISH**
- Durable thermoset polyester powder coat paint finish with nominal 3.0 mil thickness
 - Powder paint finish coat available in twelve standard colors; Custom colors available; RAL number preferable.



ORDERING EXAMPLE:

RSA-B-FLAK	S/F	16	40	A/B/C	2L	B3	DBT	VM2
SERIES	STYLE	HEIGHT	SHAFT	THICKNESS	MOUNTING	DRILL PATTERN	FINISH	OPTIONS
RSA-B-FLAK	S Smooth	Reference page 2	Reference page 2	Reference page 2	1 Single arm mount	B1 Cruiser	BBT Basic Black Textured	GFI 20 Amp GFCI Receptacle and Cover
Aluminum Pole	F Fluted	Ordering matrix	Ordering matrix	Ordering matrix	2 Two fixtures at 180°	B3 VP-L	BMT Black Matte Textured	
Beacon					2L Two fixtures at 90°	B4 VP-S	BZT Bronze Textured	EHH Extra Handhole
					3T Three fixtures at 90°		DBT Dark Bronze Textured	ODS .5" Coupling
					3Y Three at 120°		DPS Dark Platinum Smooth	OD7 .75" Coupling
					4 Four fixtures at 90°		GNT Green Textured	C20 2" Coupling
					OT Open top (includes pole cap)		GTS Gray Smooth	VM2 2nd mode vibration damper
					TNS Tenon 3 x 3		MBT Metallic Bronze Textured	
					TNS Tenon 3 x 4		MST Metallic Silver Textured	LAB Less Anchor Bolts
					CAP Cap		MTT Metallic Titanium Textured	
					ARC Acorn Finial		OWI Old World Iron	
					BAL Ball Finial		WHT White Textured Color	
							CC Custom Color-RAL Color	

MOUNTING ORIENTATION



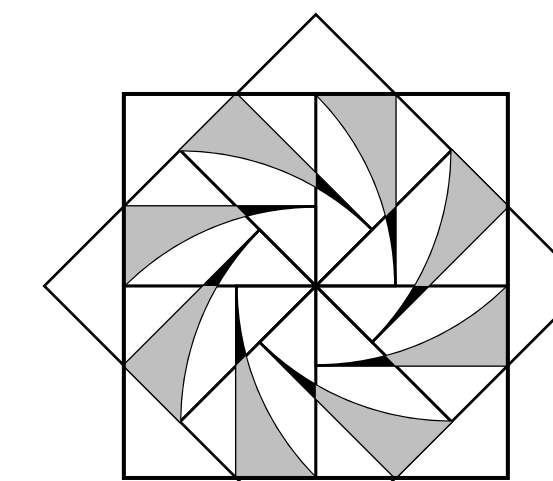
ACCESSORIES- Order Separately

Catalog Number	Description
VM2SXX	2nd mode vibration damper

1 Specify option location using logic found on page 2 (Mounting Orientation)

REVISIONS

Date	Notes



J. W. HUBER ARCHITECT
 45 Bokum Rd. P. O. Box 441
 Essex, CT 06426
 (860) 767-7334

Brainerd Memorial Library
 South Parking Lot
 Lighting Replacement

920 Saybrook Road
 Haddam, CT 06438

Lighting Details
 Notes and Specifications

Job No. 18-1113

Drawn by _____ Date May 16, 2019

Checked by _____ Scale As Noted

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 3.0