## Patrick Henry Library and Garage

101 Maple Ave. East, Vienna, VA 22180



# TOWN OF VIENNA BOARD OF ARCHITECTURAL REVIEW SUBMISSION

September 27, 2024 Project 30030/LB-000015





Owner: Fairfax County Board of Supervisors, Fairfax, Virginia

Architect: RRMM Architects

Civil Engineer: IMEG

Structural Engineer: Columbia Engineering, Inc

M, E, P & FP Engineers: GPI

Parking Consultant: Walker Consultants

Sustainability Consultant: Sustainable Design Consulting, LLC

Landscape Architecture: Rhodeside Harwell

Security Consultant: Major Security

## **Contents:**

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#### 1. NARRATIVE and BAR DESIGN CRITERIA:

The scope of this project is to replace the existing Patrick Henry Library with a new expanded library and adjacent parking garage. The 1.43-acre site is located in the heart of the Town of Vienna at the intersection of Maple Avenue and Center Street. As part of the Fairfax County Library system, it serves the residents of the town and the surrounding communities. The existing 13,800 square foot facility was opened in 1971 and renovated with an addition in 1995. The current facility is experiencing a growing user base with no room for expansion, insufficient parking, and outdated building systems. The new facility will address these shortcomings and, in partnership with the Town of Vienna, provide additional parking for public use.

The existing library site is zoned C-2 General Commercial, and is bounded on the northwest by Maple Avenue, which is the primary façade, on the southwest by Center Street, on the northeast by East Maple LLC, and on the southeast by the Vienna Elementary School. One of the project goals is to create a strong connection between the library and the pedestrian activity along Maple Avenue. To achieve this, the library floor has been set at the lowest possible elevation flush at the high end of Maple Avenue with raised planters along the façade that diminish the impact of the increasing grade difference toward the intersection and provide opportunities for seating and for vegetation along the facade.

Because the programmatic requirements will fill the entire site, the new library is organized with the library building stretching the width of the front of the site along Maple Avenue, and the garage extending across the back of the site. A drive aisle will be provided along the northeast property line that will provide access from Maple Avenue to the garage and to the adjacent school property. The school currently uses the existing library parking lot for access to their rear service area and dumpster location. The new library will continue this practice, and a new easement will be executed to codify the school's right of use.

The geometry of the site results in a long rectangular plan shape for the new one-story library with the result that the four level parking garage is screened from view along Maple Avenue. In elevation, the length of the front façade is divided into alternating elements of curtain wall glazing and brick features. The composition breaks down the scale of the building and relates to the predominantly brick aesthetic of the Town of Vienna. Gable roof elements provide accents at the corner of Maple Avenue and Center Street, and at the main library entrance.

The Maple Avenue library entrance is at the approximate middle of the building. The entrance is through an outdoor courtyard with space for tables and seating for use by both library patrons and pedestrians along Maple Avenue. The courtyard is protected from the weather with a gabled roof canopy of exposed steel structure and timber roof decking.

Vehicular access to the garage from both Maple Avenue and Center Street. The four levels of parking will provide a minimum of 216 spaces with 125 allocated to library patrons and the remainder to public parking for the Town of Vienna. Accessible parking and electric vehicle charging stations will be provided. Two stair towers and an elevator will connect the upper parking levels to the library entrance level and to grade level access to both Maple Avenue and Center Street. Protected bicycle racks are located within the garage near the library entrance door.

The exposed vertical structure of the precast concrete garage is clad in brick matching the library building. Horizontal spandrels are exposed concrete with a horizontal fluted pattern. White color

concrete bands moderate the vertical scale of the structure and decorative metal grilles will provide detail to the elevations. Topping the garage will be an open lattice structure supporting a large array of photovoltaic panels which will provide the electricity needed for the building to achieve its net zero energy goal.

#### Board of Architectural Review Design Criteria in Section 4-15 of the Town Code.

(a)

Whether or not the proposed architectural design is suitable for a good suburban community in terms of external architectural features, including signs subject to public view, general design and arrangement, texture, color, line, mass, dimension, material and lighting.

The library is a single-story building in scale with most buildings in the vicinity. Its position along Maple Avenue screens the larger parking garage structure which would otherwise overpower the site. Although the facade is long, the interplay of smaller scale brick elements with the glass facades creates the impression of a collection of smaller scale buildings.

(b)

Whether or not the proposed structure, building or improvement is compatible with existing well-designed structures, acceptable to the board, in the vicinity and in the Town as whole.

Inspiration for the library design incorporated concepts from other successful buildings in the neighborhood, including the new Police Station with its interplay of glass and brick, and the Cube Smart building with its decorative grills, which are used to add interest to the garage façade.

(c)

Whether or not, and to what extent, the proposed structure, building or improvement would promote the general welfare and protect the public health, safety and morals by tending to maintain or augment the Town's tax base as a whole, generating business activity, maintaining and creating employment opportunity, preserving historical sites and structures and making the Town a more attractive and desirable place in which to live.

The library will provide a cultural hub that promotes individual study and public intercourse. The public access garage will provide parking to encourage pedestrian activity in the area.

(d)

Whether or not proposed freestanding buildings use the same or architecturally harmonious materials, color, texture and treatment for all exterior walls; and in the case of partially freestanding buildings, whether or not the same or architecturally harmonious materials, color, texture and treatment are used on all portions of all exterior walls exposed to public view.

The brick elements of the library façade occur on all exposed elevations of the library, while the use of a matching thin brick veneer on the precast concrete garage facades not only integrates the two components of the structure together, but also reduces the visual impact of the garage on the surrounding neighbors.

(e)

Whether or not the combination of architectural elements proposed for a structure, building or improvement, in terms of design, line, mass, dimension, color, material, texture, lighting, landscaping and roofline and height conform to accepted architectural principles for permanent buildings as contrasted with engineering standards designed to satisfy safety requirements only; and exhibit external characteristics of demonstrated architecture and aesthetic durability.

The building's composition uses modern glass curtain walls and traditional brick elements, both of which are known for their long-term durability both physically and aesthetically.

(f)

Whether or not, in terms of design, material, texture, color, lighting, landscaping, dimension, line, mass, or roofline and height, the proposed structure, building or improvement is designed to serve primarily as an advertisement or commercial display, exhibits exterior characteristics likely to deteriorate rapidly, would be of temporary or short-term architectural or aesthetic acceptability, would be plainly offensive to human sensibilities or would otherwise constitute a reasonable foreseeable detriment to the community.

As a cultural facility, the library is not a commercial building in terms of its use. But the use of large glass areas and its street presence are intended to "advertise" both the function of the building and its public nature. It is hoped the facility will be an enduring part of the fabric of the downtown Vienna area for decades to come.

2. ELEVATIONS AND RENDERINGS:						



View from the intersection of Maple Avenue and Center Street



View toward the Maple Avenue entrance



View from the north on Maple Avenue



View from Center Street



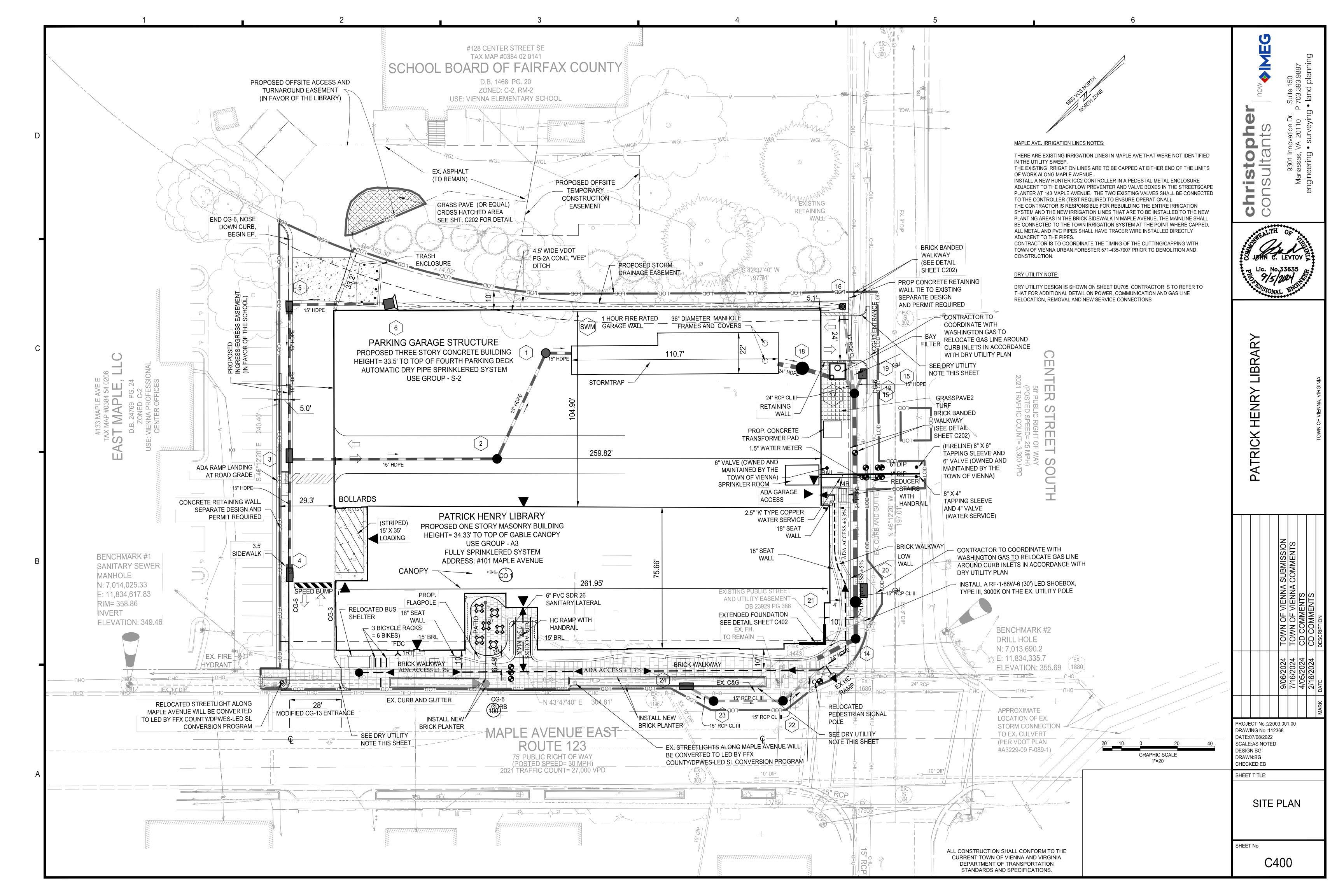
Aerial view





**Center Street Elevation** 

### 3. SITE PLAN:



#### 4. MATERIAL SAMPLES



#### **5. SITE FURNISHINGS**

## TRASH RECEPTACLE FOR MAPLE AVENUE SIDEWALK PER STANDARD

⟨ Green Outdoor Trash Cans

Witt Industries M3600-R-RC-GN Oakley 36 Gallon Green Steel Round Outdoor Decorative Waste Receptacle with Rain Cap Lid and Ring Accent Band

Item #: 692M360RRCGN MFR #: M3600-R-RC-GN



New

Only

\$1,129.00/Each

4 interest-free payments of \$282.25 Prequalify >

Credit Key



Wish List

Rapid Reorder

#### Other Available Colors:







#### **Product Overview**

- ✓ Ideal for parks, universities, city streets, and high-traffic outdoor areas
- ✓ Durable slated steel construction with powder-coated finish for longevity
- ✓ Rain cap lid keeps rainwater from filling the receptacle
- ✓ Includes a convenient anchor and lid cable kit for added security
- ✓ Features 4 built-in leveling feet to accommodate unleveled surfaces

**UPC Code:** 400016190625

## **Shipping:**

Special Order ?

### COURTYARD TABLE WITH ATTACHED SEATING







#### **Dining Height**

- The Carousel table in dining height are available with 3, 4, 5, or 6 seats.
- Three-seat is ADA compliant and five-seat styles are wheelchair accessible.
- · Seats are available backless, backed, or hoop.
- · Supports are formed of 2" steel tubing.
- Umbrella holder is a built-in feature on all supports.
- Available with a 42" table with a height of 28.5".

#### **Mounting Options**

- Table can be either freestanding or surface mount. (Note: 3 seat table must be surface mounted.)
- Four, five and six seat styles may be freestanding with glides or surface mounted.
- All tables must be surface mounted when used with all sun shades

#### Tables

- Steelhead and Catena tabletops are formed of heavy gauge steel reinforced with channels beneath.
- Catena features a rolled edge; Steelhead is framed by a 1-1/2" diameter metal tube and may be specified with solid, perforated, or wood top.
- Wood tabletop has mortise and tenon construction with a steel plate for reinforcement, and available round or square.
- Available with a round or Marneaux tabletop.
- All tabletops are available with or without umbrella holes.
- Umbrella hole must be specified when ordered; cannot be retrofitted on site.

#### To Specify

- 1. Select Carousel dining height table.
- 2. Select seats: backed, backless, or hoop.
- 3. If backed or backless seats are selected, choose grid or perforated.
- 4. Select 3, 4, 5 or 6 seat units.
- Select tabletop: Steelhead (solid, perforated, or wood), Catena powdercoat or stainless steel, Marneaux, or square wood.

Note: Square wood only available with 3 or 4 seat units.

- 6. Specify with or without umbrella hole (may not be retrofitted).
- Choose powdercoat color for metal parts or Marneaux color, if applicable.
- 8. Specify wood type, if applicable. Check Materials link on website for species.
- 9. Specify mounting: freestanding with glides, or surface mount.

	Style	Diameter (Of Footprint)	Height (To Top of Seat)	Product Weight		
	3 Seat Backed	86"	33"	172 Lb		
	3 Seat Backless	81"	29"	127 Lb		
	3 Seats Hoop	90"	33"	155 Lb		
	, , ,	1 1 1	1 1 1	1 1 1		
	4 Seat Backed	86"	33"	211 Lb		
WW.	ىرر	للل	للل			
	4 Seats Backless	81"	29"	152 Lb		
	4 Seats Hoop	4 Seats Hoop 90°		189 Lb		
	5 Seats Backed	86"	33"	260 Lb		
	5 Seats Backless	81"	29"	185 Lb		
	6 Seats Backed	86"	33"	290 Lb		
	6 Seats Backless	81"	29"	200 Lb		
Mounting Style						
	Surface Mount Freestanding with Glides					
*Note: Weights reflec	tunits with grid	seats and a	catena table	top.		

## **Carousel**

#### **Product Data Sheet**

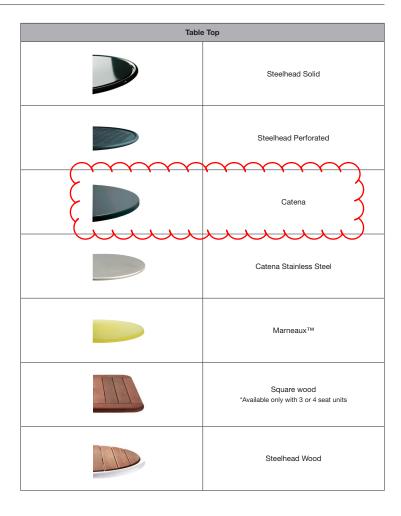






#### **Finishes - Table Tops**

- All metal is finished with Landscape Forms' proprietary Pangard II®
  polyester powdercoat, a hard yet flexible finish that resists rusting,
  chipping, peeling, and fading.
- Call for standard color chart.
- Marneaux tabletops are made from a 100% acrylic resin solid surface material.
- Exterior woods are unfinished and will weather to a soft pewter gray.
   Note: Ipe wood is only available with a wood steelhead table top.
- Interior woods are finished with Landscape Forms' exclusive LF-80 wood finish, a clear, catalyzed acrylic lacquer.



## **Carousel**

#### **Product Data Sheet**





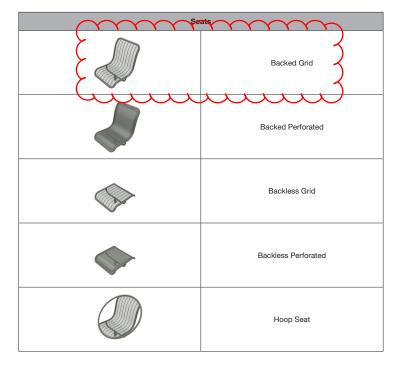


#### **Finishes - Seating**

- All metal is finished with Landscape Forms' proprietary Pangard II®
  polyester powdercoat, a hard yet flexible finish that resists rusting,
  chipping, peeling, and fading.
- Seating is available backed, backless, or grid.
- Grid seating is available with backed, backless, or grid.
- Perforated seating is only available with backed or backless.

#### **Designed by Landscape Forms**

Carousel is protects by U.S. Patent No. D820,019.



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## COURTYARD TABLE COLOR SELECTION

#### Vivid Series - Powdercoated Metal\* (Fine Texture)



## Neatral Series - Rowdercoated Metal\*

Gloss White



#### Architectural Series - Powdercoated Metal\* (Fine Texture)



Gloss Black

## TRASH RECEPTACLE AT LIBRARY ENTRANCES









#### **Litter Receptacles**

- Top and side opening litters are available with or without lock.
- With a 34 gallon capacity, litter can be freestanding or surface mount.
- Fabricated with carbon steel body panels, cast aluminum top, and cast iron base.
- Litter is finished with exclusive Pangard II® powdercoat finish.
- Black polyethylene liner comes standard with litter.
- Shipped with freestanding glides that remain in place for surface mounting.
- Litter ships fully assembled.

#### **Finishes**

- All metal is finished with Landscape Forms' proprietary Pangard II® polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling, and fading.
- Call for standard color chart.

#### To Specify

- Select top or side-opening litter. Specify with or without lock.
- Select powdercoat color.

#### Designed by Robert Chipman, ASLA

Click here for patent information related to this product.

	Litter	Style	Diameter Height		Weight	
		Top-Opening	24"	35"	172 lb	
		Side-Opening	24"	24" 42"		
J		<u> </u>		\ \ \ \ \	` ` ` `	

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## LIBRARY TRASH RECEPTACLE COLOR SELECTION

#### Vivid Series - Powdercoated Metal\* (Fine Texture)



### Neutral Series Powdercoated Metal\*



#### Architectural Series - Powdercoated Metal\* (Fine Texture)



### PLANTER WALL BENCH

NOTE: WALL TOP BENCH WILL BE A CUSTOM VERSION OF THE KNIGHT BENCH WITH VERTICAL SLAT BACK TO BE MOUNTED ON SEATWALL. 22"HT WITH ARMRESTS. SEE 6/L-501 FOR DETAILS.

Tail alignment traines with beautifully detailed polished edges. Develor stats in powdercoated extraded alignment, 100 - 100 % camara mardwood of FSC® Recycled 100% Teak hardwood complete the look.

#### **MATERIAL & CONSTRUCTION DETAILS**

#### Frame is made of solid aluminum. Outer frame edges are polished; inner surfaces have a powdercoat finish. All surfaces are clear-coated.

- See the Forms+Surfaces Powdercoat Chart for details. Custom RAL colors are available for an upcharge.
- Wall-top configurations are also available. Please contact us to discuss your project's specific requirements.

#### OPTIONAL ARMRESTS

FRAME

- Backed benches use angled armrests while backless benches use horizontal handholds. Armrests are solid aluminum with finish and detailing to match the bench frame.
- Benches can be specified with up to three armrests at the bench ends and/or at the center of the bench.

#### SLATS

- FSC® 100% Cumaru hardwood slats offer superior resistance to moisture, insects, fire, vandalism and decay.
- Recycled 100% Teak hardwood slats, hand salvaged from old, neglected buildings, are a durable alternative to lpé for six-foot benches. Each slat is carefully reworked and may have small plugs, minor checking, or grain imperfections.
- All hardwood used for Knight Benches is FSC® 100% or FSC® Recycled 100% and has a natural oiled finish that enhances the wood's rich color. (FSC License Code: FSC-C004453)
- Extruded aluminum slats with zinc end caps feature a lightly grooved surface for enhanced appearance and non-slip feel.
   Aluminum slats and zinc end caps are powdercoated. See the Forms+Surfaces Powdercoat Chart for details. Custom RAL colors are available for an upcharge.

#### **INSTALLATION & MAINTENANCE**

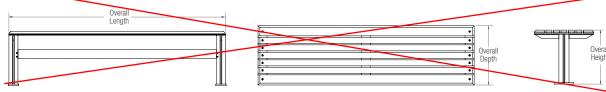
#### INSTALLATION

- Knight Benches must be surface mounted. Stainless steel anchors and mounting bolts are sold separately.
- Wall-top mounting is also available and customized per project. Necessary hardware is included.

#### MAINTENANCE

- Metal surfaces can be cleaned as needed using a soft cloth or brush with warm water and a mild detergent. Avoid abrasive cleaners.
- FSC® 100% Cumaru hardwood slats can be maintained by re-oiling as needed with Penofin® hardwood finish or similar products.
- FSC® Recycled 100% Teak hardwood slats can be maintained by re-oiling as needed with linseed oil. Avoid abrasive cleaners and spray polishes.

#### NOMINAL DIMENSIONS



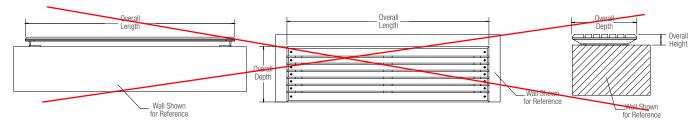
	·						
MODEL	OVERALL LENGTH	OVERALL DEPTH	SEAT DEPTH	OVERALL HEIGHT	SEAT HEIGHT	ARMREST HEIGHT	WEIGHT*
SBKNI-072N	72" (1829 mm)	19.8" (503 mm)	19.8" (503 mm)	18" (457 mm)	18" (457 mm)	19.5" (495 mm)	81.3 lbs (36.9 kg)
SBKNI-072NT	72" (1829 mm)	19.8" (503 mm)	19.8" (503 mm)	18" (457 mm)	18" (457 mm)	19.5" (495 mm)	81.3 lbs (36.9 kg)
SBKNI-072NA	72" (1829 mm)	19.8" (503 mm)	19.8" (503 mm)	18" (457 mm)	18" (457 mm)	19.5" (495 mm)	101.7 lbs (46.1 kg)
SBKNI-096N	96" (2438 mm)	19.8" (503 mm)	19.8" (503 mm)	18" (457 mm)	18" (457 mm)	19.5" (495 mm)	102.0 lbs (46.3 kg)
SBKNI-096NA	96" (2438 mm)	19.8" (503 mm)	19.8" (503 mm)	18" (457 mm)	18" (457 mm)	19.5" (495 mm)	135 lbs (61.2kg)



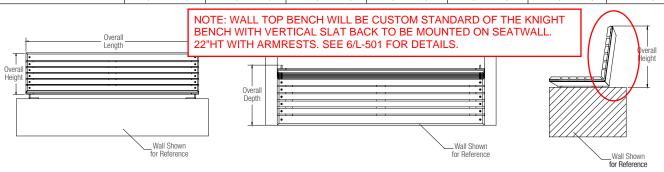
MODEL	OVERALL LENGTH	OVERALL DEPTH	SEAT DEPTH	OVERALL HEIGHT	SEAT HEIGHT	ARMREST HEIGHT	WEIGHT*
SBKNI-072B	72" (1829 mm)	21.9" (556 mm)	15.2" (386 mm)	31.1" (790 mm)	17.9" (455 mm)	20.8" (527 mm)	109.2 lbs (49.5 kg)
SBKNI-072BT	72" (1829 mm)	21.9" (556 mm)	15.2" (386 mm)	31.1" (790 mm)	17.9" (455 mm)	20.8" (527 mm)	109.2 lbs (49.5 kg)
SBKNI-072BA	72" (1829 mm)	21.9" (556 mm)	15.2" (386 mm)	31.1" (790 mm)	17.9" (455 mm)	20.8" (527 mm)	148.3 (67.3 kg)
SBKNI-096B	96" (2438 mm)	21.9" (556 mm)	15.2" (386 mm)	31.1" (790 mm)	17.9" (455 mm)	20.8" (527 mm)	144.5 lbs (65.5 kg)
SBKNI-096BA	96" (2438 mm)	21.9" (556 mm)	15.2" (386 mm)	31.1" (790 mm)	17.9" (455 mm)	20.8" (527 mm)	194.8 lbs (88.4 kg)



#### NOMINAL DIMENSIONS, CONTINUED



MODEL	OVERALL LENGTH	OVERALL DEPTH	SEAT DEPTH	OVERALL HEIGHT	SEAT HEIGHT	ARMREST HEIGHT	WEIGHT*
SBKNI-072N-W	72" (1829 mm)	19.8" (503 mm)	19.8" (503 mm)	3.3" (790 mm)	3.3" (790 mm)	20.8" (527 mm)	77.2 lbs (35 kg)
SBKNI-072NT-W	72" (1829 mm)	19.8" (503 mm)	19.8" (503 mm)	3.3" (790 mm)	3.3" (790 mm)	20.8" (527 mm)	77.2 lbs (35 kg)
SBKNI-072NA-W	72" (1829 mm)	19.8" (503 mm)	19.8" (503 mm)	3.3" (790 mm)	3.3" (790 mm)	20.8" (527 mm)	90.7 lbs (41.1 kg)
SBKNI-096N-W	96" (2438 mm)	19.8" (503 mm)	19.8" (503 mm)	3.3" (790 mm)	3.3" (790 mm)	20.8" (527 mm)	115.7 lbs (52.5 kg)
SBKNI-096NA-W	96" (2438 mm)	19.8" (503 mm)	19.8" (503 mm)	3.3" (790 mm)	3.3" (790 mm)	20.8" (527 mm)	130.9 lbs (59.4 kg)



MODEL	OVERALL LENGTH	OVERALL DEPTH	SEAT DEPTH	OVERALL HEIGHT	SEAT HEIGHT	ARMREST HEIGHT	WEIGHT*
SBKNI-072B-W	72" (1829 mm)	21.9" (556 mm)	15.2" (386 mm)	19.2" (488 mm)	17.9" (455 mm)	20.8" (527 mm)	115.7 lbs (52.5 kg)
SBKNI-072BT-W	72" (1829 mm)	21.9" (556 mm)	15.2" (386 mm)	19.2" (488 mm)	17.9" (455 mm)	20.8" (527 mm)	115.7 lbs (52.5 kg)
SBKNI-072BA-W	72" (1829 mm)	21.9" (556 mm)	15.2" (386 mm)	19.2" (488 mm)	17.9" (455 mm)	20.8" (527 mm)	130.9 lbs (59.4 kg)
SBKNI-096B-W	96" (2438 mm)	21.9" (556 mm)	15.2" (386 mm)	19.2" (488 mm)	17.9" (455 mm)	20.8" (527 mm)	162.5 lbs (73.7 kg)
SBKNI-096BA-W	96" (2438 mm)	21.9" (556 mm)	15.2" (386 mm)	19.2" (488 mm)	17.9" (455 mm)	20.8" (527 mm)	182.3 lbs (82.7 kg)

<sup>\*</sup>Add 1.8 lbs (0.82 kg) for each additional optional end or intermediate armrest.

See Page 3 for complete model number descriptions.

#### **ENVIRONMENTAL CONSIDERATIONS**

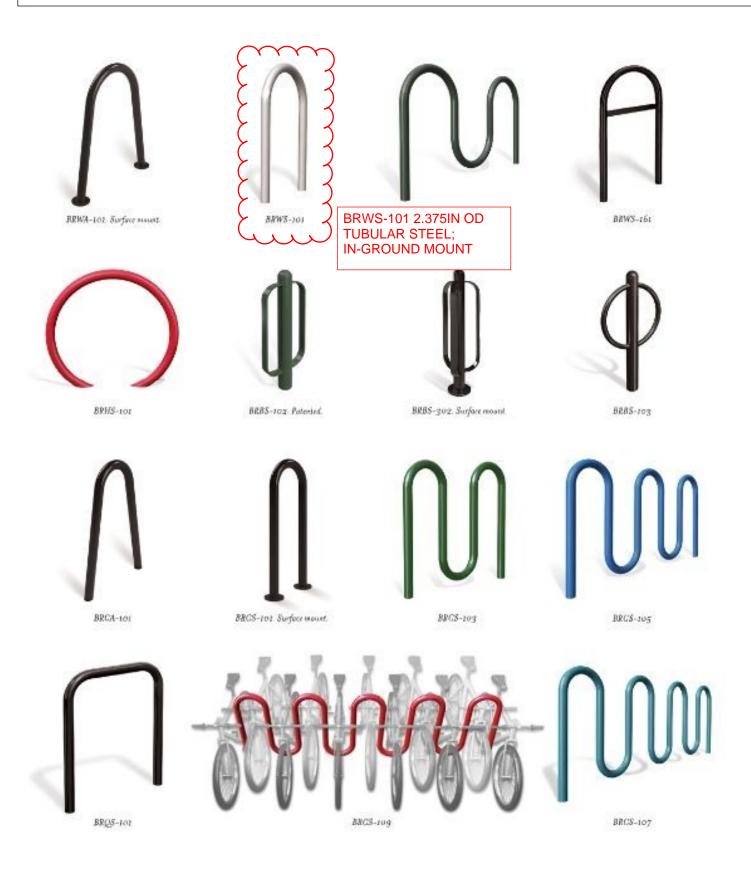
- Please refer to the Knight Bench Environmental Data Sheet for detailed environmental impact information.
- Knight aluminum frames have up to 65% recycled content.
- All Knight metal components are fully recyclable.
- All Knight wood is FSC® 100% or FSC® Recycled 100%.
- Standard powdercoat finishes are no-VOC; non-standard powdercoat finishes are no- or low-VOC, depending on color.
- Low maintenance.
- Easy to disassemble.

## COLOR SELECTION FOR BENCH SEAT FRAMING FOR WOOD SLATS

powdercoat colors are also and gramm, allowing marks from paint, permanent markers, and aint to be easily removed. All standard powdercoat finishes are no-VOC.



## **BICYCLE RACKS**



## **BICYCLE RACK COLOR SELECTION**

Printed and digital color representations vary, contact us for recycled samples, wood samples or color swatches.

#### Wood | Recycled Plastic Slats

Natural wood colors will vary. Weathering may occur on site which will after the color of the wood over time. Recycled plastic slats contain UV inhibitors.











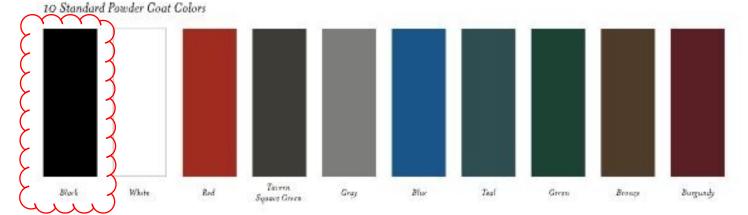
Regulad Wheat

Espresso

Black

Respelvel Light Gray

Spr Wood



#### Optional Satin and Metallic Powder Goat Colors



Offered in a full range of over 200 Ral Colors with available Color Matching. Additional cost may apply

#### 6. ZONING ANALYSIS

#### 6. ZONING ANALYSIS:

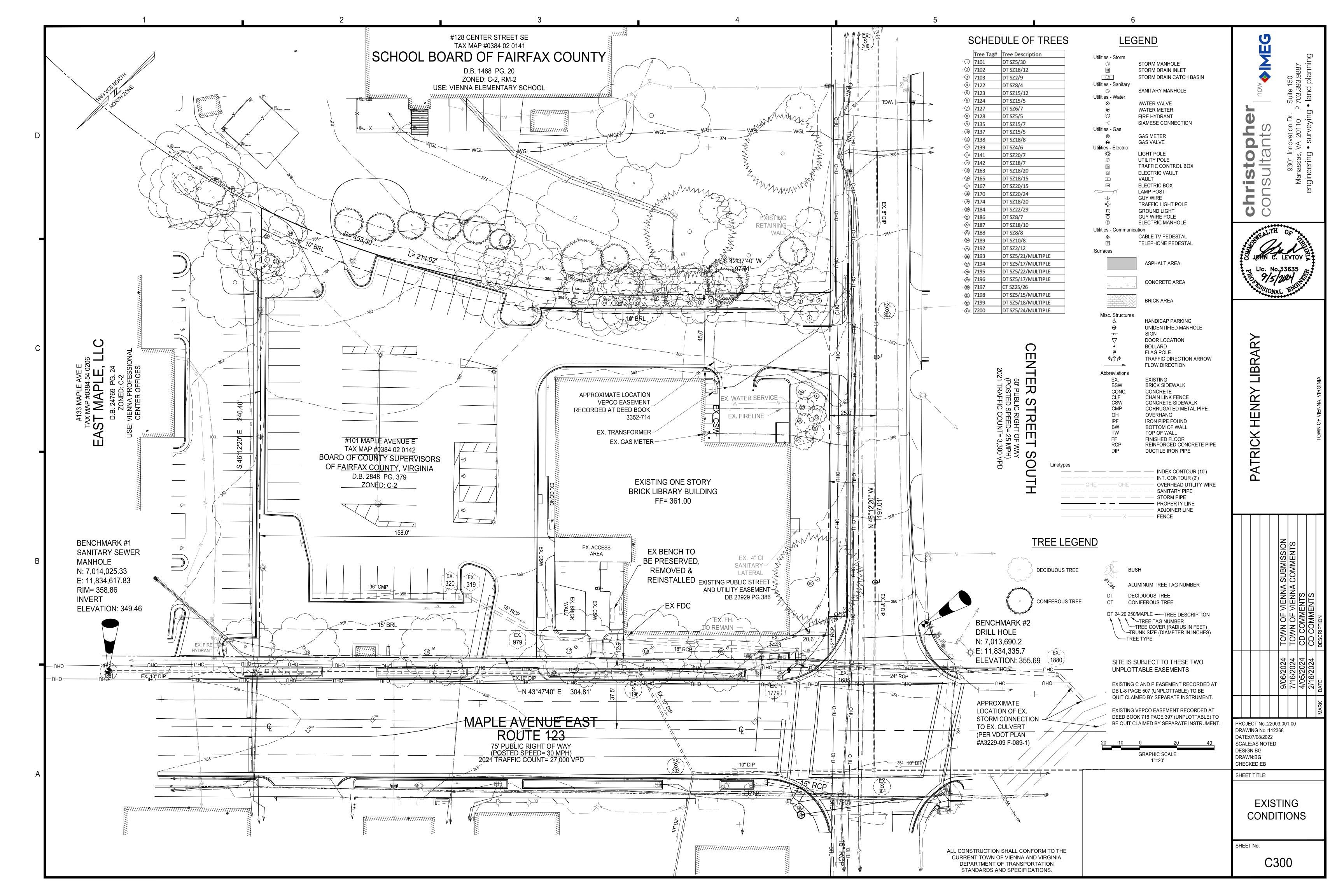
The property is currently zoned C2 (no proffered conditions).

No change in zoning is required.

The project requests three modifications to the zoning ordinance as follows:

- 1. Section 18-90 B and Section 18-90 C— Area Requirements Front Yard: Front yard. The front yard shall be measured from the building line to the front property line and shall be not less than 15 feet. On behalf of the owner, Fairfax County, we respectfully request a modification of the front yard setback to 10' from the front street line along Maple Avenue. This modification is necessary for the new library to contain sufficient interior space to meet the needs of the community.
- 2. Section 18-90 E Area Requirements Rear Yard: Rear yard. Rear yards shall be a minimum of ten feet. On behalf of the owner, Fairfax County, we respectfully request a modification of the rear yard setback to 3' at its smallest dimension. Due to a majority of the rear property line being curved a modification is only necessary for the first 60% of its length. The remaining 40% meets or exceeds the setback requirement. It is also important to note that the adjacent property owner most affected by this request is the Fairfax County School Board as the property is currently utilized as the Vienna Elementary School.
- 3. Section 18-252 (E1)(c)— Tree canopy coverage: A plan for the planting and replacement of trees on site during development to the extent that, at maturity of 20 years, minimum tree canopies or covers will be provided in the respective zoning districts of the Town as follows: Ten percent tree canopy in the T, C-1, C-1A, C-2, CMP, and CM zones. On behalf of the owner, Fairfax County, we respectfully request a modification of the 10% tree canopy requirement in the C-2 zone to allow 4% for this site. The footprint area of both the structured parking garage and the new library does not allow for sufficient planting areas for trees that would achieve 10% tree cover at 20 year maturity based on the crown coverage allowance given in the "Tree Preservation and Planting Guide" (2-2021). The new library design calls to remove and replace the seven existing street trees plus adds shrubs along Maple Avenue. To mitigate this somewhat the new library design provides four new street trees in the utility strip along Center Street. The Maple Avenue and Center Street trees are not calculated in the 4% coverage provided as they are not on the subject property.

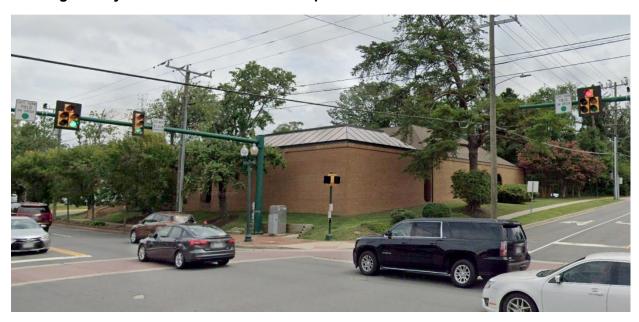
#### 7. EXISTING CONDITIONS SITE PLAN



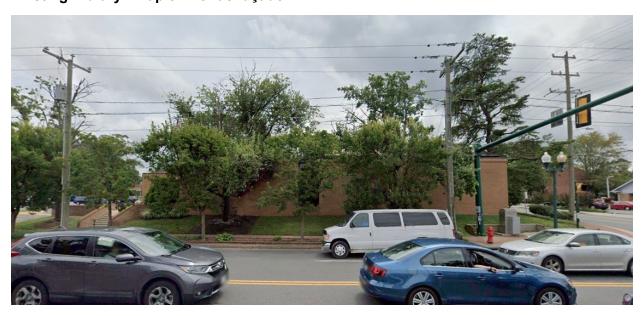
8. EXISTING CONDITIONS PHOTOGRAPHS						

#### **EXISTING CONDITIONS PHOTOS**

# **Existing Library from the intersection of Maple Avenue and Center Street**



# **Existing Library - Maple Avenue façade**



Existing Library – Center Street façade



Existing library and parking lot from the north



Adjacent property on the northeast: Vienna Professional Center





Adjacent property on the southeast: Vienna Elementary School



Adjacent property opposite on Maple Avenue: Somerset Trust Company



Adjacent property opposite on Maple Avenue: IP&T Group LLP



Adjacent property opposite on Maple Avenue: Vienna Inn



Adjacent property opposite on Maple Avenue: Beekman Place Antiques, The Peartree Cottage Gift Shop, Herat Oriental Rugs



Adjacent property opposite corner: low-rise commercial



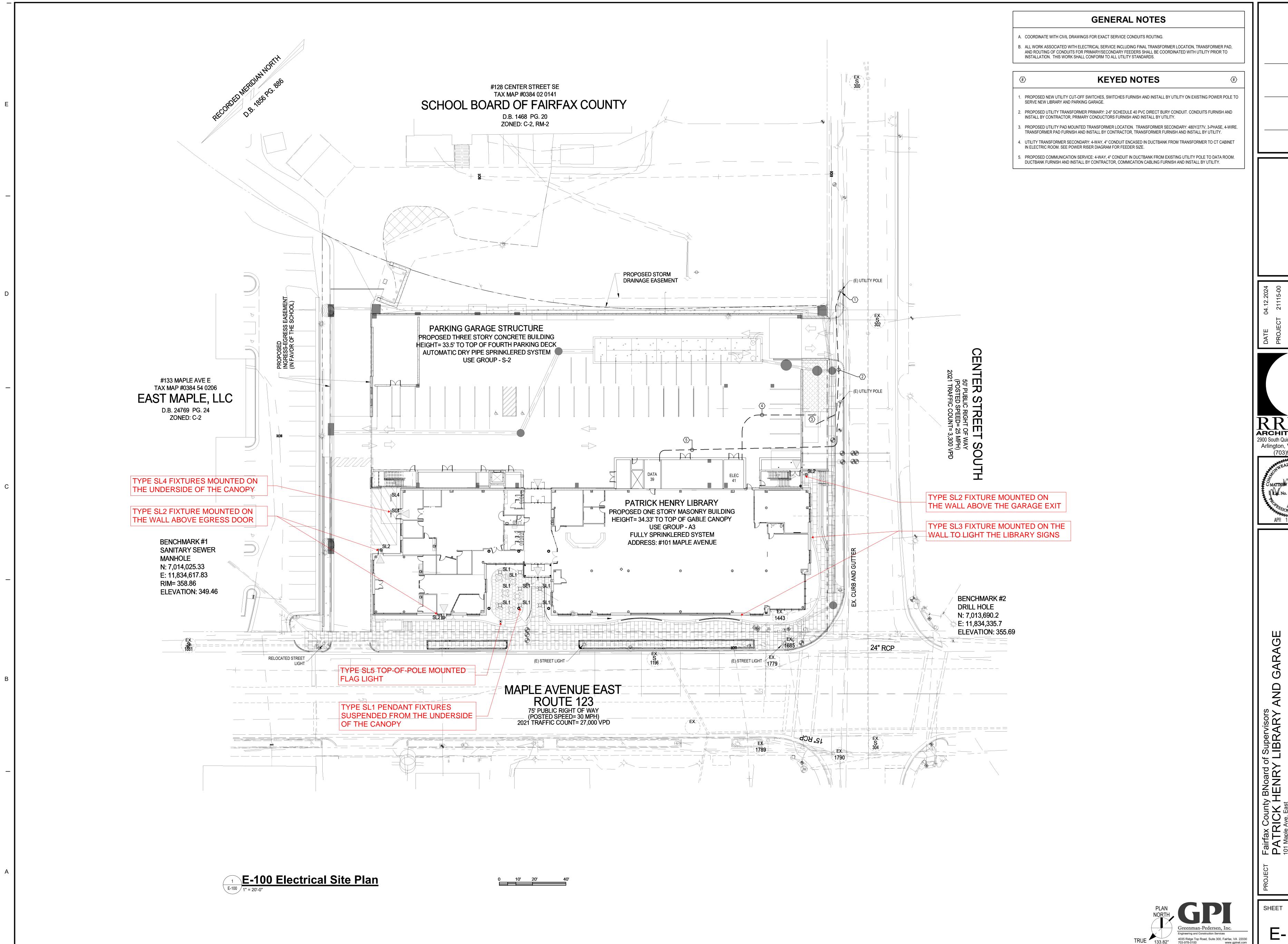
Adjacent property opposite on Center Street: Sunoco Gas Station



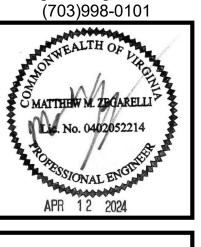
Adjacent property opposite on Center Street: School of Rock



#### 9. LIGHTING SITE PLAN



Arlington, Virginia 22206 (703)998-0101



#### **10. LIGHTING FIXTURE CUT SHEETS**

#### Application

LED pendant luminaire with shielded, downward directed light distribution ideal for down lighting atria, passages and other large covered spaces.

#### Materials

Luminaire housing and canopy constructed of die-cast marine grade, copper free ( $\leq$  0.3% copper content) A360.0 aluminum alloy

Clear safety glass

Reflector made of pure anodized aluminum

High temperature silicone gasket

Mechanically captive stainless steel fasteners

Black power cable

Steel suspension wires

NRTL listed to North American Standards, suitable for wet locations

Protection class IP65 Weight: 12.4lbs

Electrical

Operating voltage 120-277VAC
Minimum start temperature -20° C
LED module wattage 35.7 W
System wattage 40.0 W

Controllability 0-10V dimmable Color rendering index Ra > 80

Luminaire lumens 4,107 lumens (3000K) Lifetime at Ta = 15° C > 500,000 h (L70)

#### Lifetime at Ta = 30° C LED color temperature

□ 4000K - Product number + **K4**□ 3500K - Product number + **K35**■ 3000K - Product number + **K3**□ 2700K - Product number + **K27** 

**BEGA** can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

312,000 h (L70)

#### Finish

All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.

Available colors  $\square$  Black (BLK)  $\square$  White (WHT)  $\square$  RAL:  $\square$  Bronze (BRZ)  $\square$  Silver (SLV)  $\square$  CUS:

Type: SL1

**BEGA Product:** 

Project: PATRICK HENRY LIBRARY

Modified:



LED pen	dant · shielded				
	LED	А	В	С	Wiring Box*
24 507	35.7W	7 1/2	17 1/4	103 1/2	19 538

<sup>\*</sup>Small opening wiring box included



#### Application

As an individual luminaire with low mounting heights, it can be used for marking danger areas or in rows for illuminating corridors and passageways. With high mounting heights it can be used as a wall luminaire next to doors or for lighting small wall areas.

#### Materials

Luminaire housing constructed of die-cast marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy

Matte safety glass

High temperature silicone gasket

Mechanically captive stainless steel fasteners

NRTL listed to North American Standards, suitable for wet locations

Protection class IP64

Weight: 1.5 lbs

#### Electrical

Operating voltage 120-277VAC
Minimum start temperature -30°C
LED module wattage 4.2W
System wattage 5.8W

Controllability 0-10V dimmable

Color rendering index Ra > 90

#### LED color temperature

 $\square$  4000K - Product number + **K4**  $\square$  3500K - Product number + **K35** 

■ 3000K - Product number + K3 (EXPRESS)

□ 2700K - Product number + K27

**BEGA** can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

#### Finish

All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.

Available colors ☐ Black (BLK) ☐ White (WHT) ☐ RAL:

☐ Bronze (BRZ) ☐ Silver (SLV) ☐ CUS:

Type: SL2 - EXIT DOOR

**BEGA Product:** 

Project: Modified:





LED wa	all lumina	aire · directed light			
		LED	А	В	С
22 261	ADA	4.2 W	67/8	33/4	23/8



CATALOG NUMBER

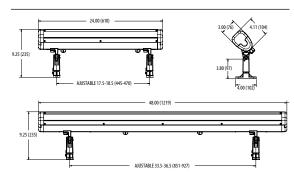
NOTES

SL3 - BUILDING SIGNAGE

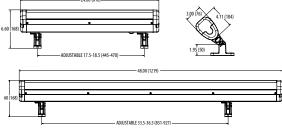


2' 12.5lbs	Weight:	4' 17.5lbs
2' 12.5lbs	•	•
	1	: 2' 12 5lbs

#### **DIMENSIONS**

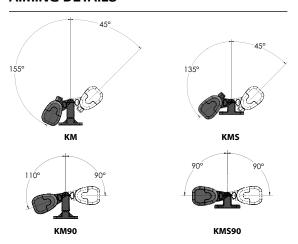


#### **KM MOUNTING**



KMS MOUNTING

#### **AIMING DETAILS**



# **4750L STATIC WHITE**

#### Linear

#### **HIGHLIGHTS**

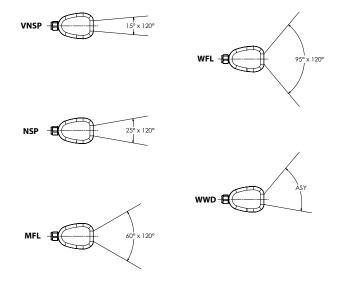
- The 4750L delivers industry leading durability, performance and lumen output
- Superior water resistance IP67 with Hydrel "Flow-Thru" technology, water flows around the independently sealed integral driver module and sealed LED module
- Aiming integrity with a fully adjustable and rugged knuckle design using Taper-Lock technology
- Long life in the most demanding environments with low copper content housing materials, stainless steel fasteners, and durable powder coat finish options for Coastal Regions and Natatoriums
- 3G vibration rated per ANCI C136.31
- Integral J- Box option available

#### **LUMEN PACKAGES**

	VNSP	NSP	MFL	WFL	WWD
Delivered Lumens	6491	6646	7200	7286	6592
Watts	64	64	64	64	64
LPW	102	104	113	114	103
Peak Candela	7650	5961	4242	2683	3998

Note: Information based on 4000K @ 2000LMF on 4FT fixture

#### STANDARD DISTRIBUTION









IP67





#### **ORDERING INFORMATION**

#### EXAMPLE: 4750L 4FT 500LMF 30K MVOLT VNSP KM EA6 ZT CSL10 BL

4750L	4FT	500LMF	30K	MVOLT WWD	KM90
Model*	Max Fixture Length*	LED Output	LED Color Temperature*	Voltage* Distrib	oution* Mounting*
<b>4750L</b> LED Linea Flood	2FT 2' (nominal length) 4FT 4' (nominal length) Note: 2FT exclude AMBLW Note: 2FT exclude INJB	500LMF 500 nominal lumens per foot 1000LMF 1000 nominal lumens per foot 2000LMF 2000 nominal lumens per foot 800LMF 800 nominal lumens per foot Note: 800LMF for AMBLW only	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K AMBLW Amber wavelength 590nm Note: INJB not avaialble with AMBLW	MVOLT 120-277 volt VNSP 347  NSP  347 volt 4ft only MFL  WFL  WWD	degrees         Mount 45°           25 x 120         KMS         Knuckle Mount           60 x 120         KMS         Knuckle Mount 9°           degrees         KM90         Knuckle Mount 90°           degrees         KMS90         Knuckle Mount 90°
Mounting Accesso	ies Accessories	INBJ Option Cord Len	gth* Control Inpu	t* Environmental Options	Finish*
JB4750L Alumini junction box MS12 12" Ste mountin spike MS18 18" Ste mountin spike PSSA Pedesti Stanchi Splice Access SMSA_ Stanchi mount splice access. Available 12"-48" in 6" increme Note: Mounting Spike (MS) used for fixture mour only. Seperate junctic box is required for pe Hydrel offers JBA/JB junction box	EA6 extended arm 6" EA12 extended arm 12" EA18 extended arm 18" FVSR Full Visor Note: Full visor includes top and bottom shield.  Half Visor is top only for all destributions except wall wash which is bottom only.	INJB Integral J-Box Note: INJB available with Note:	To '-50' of cable available in 5' increments  DALI DALI DALI DMX DMX Note: If 347 exclude and DALI 2ft exclude DA and DMX Note: INJB only available with 2 and ELV	MRE Marine Environment NT Natatorium Construction CR Corrision Resistant	BL Black Textured BZ Bronze Textured DBLB Designer Black Textured DDBT Designer Bronze Textured DNAT Designer Natural Aluminum Textured GN Green Textured GR Grey Textured SND Sand Textured STG Steel Gray Textured TVG Terra Verde Green Textured WH White Textured DBL Designer Black Smooth DDB Designer Bronze Smooth DNA Natural Aluminum Smooth DWH Designer White Smooth CF Custom Finish RALTBD Ral Paint Finishes Note: RALTBD for pricing only, replace with applicable RAL call out when ready to order. See RALBROCHURE for available options. It is recommended only use textured paint for Hydrel fixtures

Note:  ${}^{\star}$  is a required field

#### **DIMMING CHART**

Voltage	Control Input	Min Dimming Level
MVOLT	ZT 0-10V	Dark
MVOLT	ELV Reverse Phase	Dark
MVOLT	DALI	Dark
MVOLT	DMX	Dark
347	ZT	Min1

<sup>\*</sup> Dark - Constant Current Dimming to <1% \* Min1 - Constant Current Dimming to 1%

#### **ELECTRICAL LOAD**

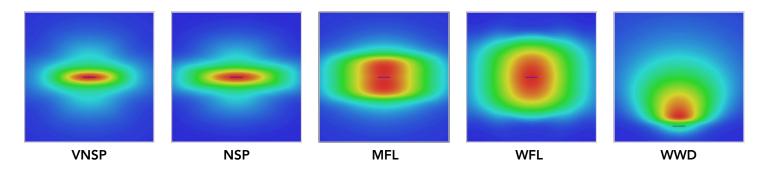
				(	Current (A	.)	
Light Engines	Drive Current (mA)	System Watts	120	208	240	277	347
500LMF	500	21.1	0.18	0.10	0.09	0.08	NA
1000LMF	1040	42.1	0.35	0.20	0.18	0.15	0.12
2000LMF	1400	65.9	0.55	0.32	0.27	0.24	0.19

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.00	0.94	0.85	0.70

Amk	pient	Lumen Multiplier				
0°C	32°F	1.02				
10°C	50°F	1.01				
20°C	68°F	1.00				
25°C	77°F	1.00				
30°C	86°F	1.00				
40°C	104°F	0.98				



#### **PERFORMANCE DATA**



#### **LUMEN OUTPUT 4' FIXTURE**

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

LED Output	System Watts	Distribution				Beam Angle 30K (3000 CCT, 80CRI)				40K (4000 CCT, 80CRI)			50K (5000 CCT, 80CRI)		
LED Output	Watts	Туре	°Н	°۷	°Н	°V	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW
		VNSP	149.4	50.4	107.0	14.7	2510	2129	102	2770	2350	112	2943	2497	119
		NSP	153.2	78.7	113.6	22.7	1956	2181	104	2158	2406	115	2293	2556	122
500LMF	21W	MFL	157.0	83.8	121.5	56.6	1392	2362	113	1536	2607	124	1632	2770	132
		WFL	161.3	109.7	127.4	92.3	880	2390	114	971	2638	126	1032	2803	134
		WWD	155.9	75.3	112.8	49.8	1312	2163	103	1447	2387	114	1538	2536	121
		VNSP	149.4	50.4	107.0	14.7	4823	4092	99	5322	4516	109	5655	4798	116
		NSP	153.2	78.7	113.6	22.7	3758	4190	102	4147	4624	112	4406	4913	119
1000LMF	42W	MFL	157.0	83.8	121.5	56.6	2675	4540	110	2952	5009	121	3136	5322	129
		WFL	161.3	109.7	127.4	92.3	1692	4594	111	1867	5069	123	1983	5386	131
		WWD	155.9	75.3	112.8	49.8	2521	4156	101	2782	4586	111	2955	4873	118
		VNSP	149.4	50.4	107.0	14.7	6933	5882	92	7650	6491	102	8128	6896	108
		NSP	153.2	78.7	113.6	22.7	5402	6023	94	5961	6646	104	6333	7062	111
2000LMF	63W	MFL	157.0	83.8	121.5	56.6	3845	6525	102	4242	7200	113	4508	7650	120
		WFL	161.3	109.7	127.4	92.3	2432	6603	103	2683	7286	114	2851	7741	121
		WWD	155.9	75.3	112.8	49.8	3623	5974	94	3998	6592	103	4248	7004	110

#### **LUMEN OUTPUT 2' FIXTURE**

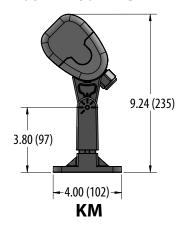
Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory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

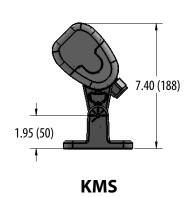
LED Output	System	Distribution	Field	Angle	Beam	Angle	30K (	3000 CCT, 8	BOCRI)	40K (	4000 CCT, 8	OCRI)	50K (	5000 CCT, 8	OCRI)
Watts	System Watts	Type	°Н	°۷	°Н	°۷	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW
		VNSP	149.2	52.4	107.7	14.6	1116	988	99	1231	1091	109	1308	1159	116
		NSP	150.0	69.7	112.3	19.9	973	999	100	1074	1103	110	1141	1172	117
500LMF	11W	MFL	155.3	83.7	118.1	56.0	650	1078	108	717	1190	119	762	1264	127
		WFL	161.0	109.1	124.6	91.5	430	1117	112	474	1232	123	504	1309	131
		WWD	155.4	73.1	111.0	48.9	581	970	97	641	1070	107	681	1137	114
		VNSP	149.2	52.4	107.7	14.6	2269	2010	94	2504	2218	103	2661	2357	110
		NSP	150.0	69.7	112.3	19.9	1978	2032	95	2183	2242	105	2320	2383	111
1000LMF	21W	MFL	155.3	83.7	118.1	56.0	1322	2193	102	1459	2420	113	1550	2571	120
		WFL	161.0	109.1	124.6	91.5	874	2271	106	964	2505	117	1025	2662	124
		WWD	155.4	73.1	111.0	48.9	1182	1972	92	1304	2176	101	1386	2312	108
		VNSP	149.2	52.4	107.7	14.6	3305	2928	90	3647	3231	99	3875	3432	106
		NSP	150.0	69.7	112.3	19.9	2882	2960	91	3180	3266	101	3379	3470	107
2000LMF	32W	MFL	155.3	83.7	118.1	56.0	1925	3194	98	2125	3524	109	2257	3745	115
		WFL	161.0	109.1	124.6	91.5	1273	3307	102	1464	3649	112	1492	3877	119
		WWD	155.4	73.1	111.0	48.9	1722	2871	88	1900	3169	98	2018	3367	104

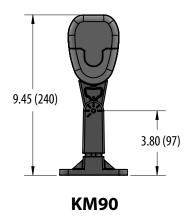


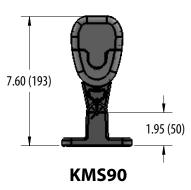
#### **MOUNTING OPTIONS**

#### **KNUCKLE MOUNTING**









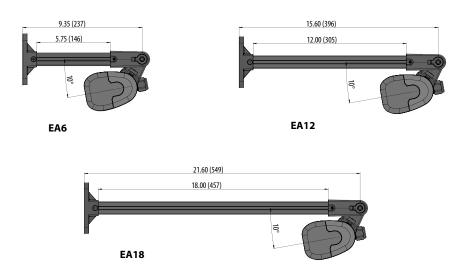


#### **MOUNTING ACCESSORIES**

MOUNTING ACCESSORIES - is supplied with 1/2" NPS adaptor. Suitable for ground mounting.



#### **EXTENDED ARM** Suitable for wall or surface mount

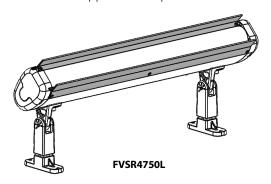




#### **EXTERNAL ACCESSORIES**

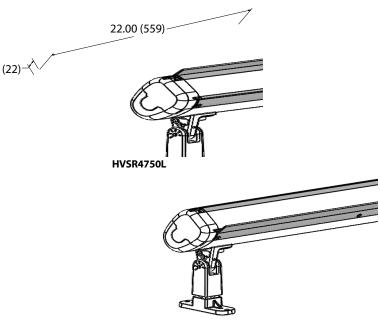
#### **VISORS**

FULL VISOR is supplied with top and bottom visor.



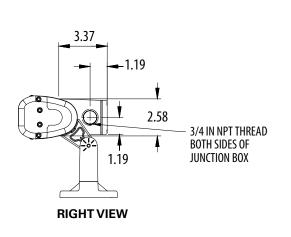
**HALF VISOR** are factory installed on top side except for wall wash distribution which is installed on the bottom.

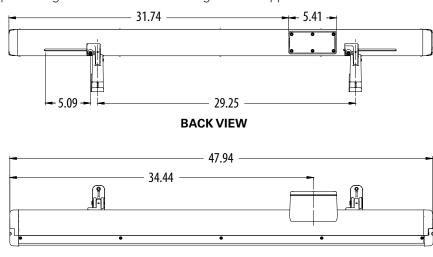
Visors: Can be field installed and moved from top to bottom if desired.



#### **4750L WITH INTEGRAL J-BOX**

INJB used for direct conduit entry, eliminating cable exposure in ground mounted and building mounted applications.





**TOP VIEW** 

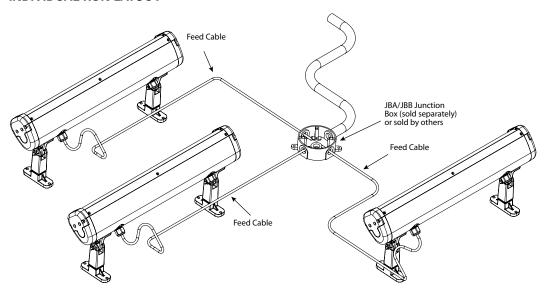






#### WIRING AND LAYOUT DESIGN

#### INDIVIDUAL RUN LAYOUT



#### Feed Cable Wiring Detail - Static Fixture



#### **SPECIFICATIONS AND FEATURES**

MATERIAL: Copper free die cast aluminum and corrosion resistant extruded aluminum. All stainless steel fastners.

LIGHT SOURCE: CCT 27K, 30K, 35K, 40K, 50K, 80CRI, AMBLW limited wavelength 590nm. All within 3 MacAdam ellipses.

VOLTAGE: MVOLT 120-277 or 347 (4ft only.)

**DISTRIBUTION**: VNSP (10x), NSP (20x), MFL (55x), WFL (100x), WWD (wall wash Asymmetric)

LENS: High clarity acrylic, superior UV resistant.

**MOUNTING**: KM (kuckle mount 45°), KMS (Knuckle Mount Short 45°), KM90 (Knuckle mount 90°), KMS90 (Knuckle mount short 90°).

FINISH: Exterior parts are protected by a zinc-infused super durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climates without cracking or peeling.

CORD DETALS: MVOLT - 18-6 SJTOW 10ft. length. 347 - 16-5 STW 10ft. length.

LISTING: cCSAus, MRE (marine Environment) is listed to UL1598a. IP67 rated.

ENVIRONMENT: Suitable for outdoor wet location applications. Suitable for indoor, non-IC rated applications, maximum 40° C and minimum -20° C ambient operating temperatures.

**BUY AMERICAN ACT:** This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to <a href="https://www.acuitybrands.com/resources/buy-american">www.acuitybrands.com/resources/buy-american</a> for additional information.

WARRANTY: 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <a href="https://www.acuitybrands.com/support/customer-support/terms-and-conditions">www.acuitybrands.com/support/customer-support/terms-and-conditions</a>

Consult factory for details.

**NOTE**: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

#### Application

Linear LED ceiling mounted luminaire with asymmetrical light distribution. The patent pending 'vortex reflector' rotates a parabolic reflector around the vertical axis to form a complex vortex shape. This vortex balances maximum efficiency with optimal glare control while eliminating shadows and artifacts in a uniquely sharp square distribution.

#### Materials

Luminaire housing constructed of die-cast marine grade, copper free (≤0.3% copper content) A360.0 aluminum alloy Clear safety glass

Reflector surface made of pure anodized aluminum

Silicone applied robotically to casting, plasma treated for increased adhesion

Mechanically captive stainless steel fasteners

 $\mbox{NRTL}$  listed to North American Standards, suitable for wet locations Protection class IP 65

Weight: 6.4 lbs

#### Electrical

Operating voltage 120-277V AC Minimum start temperature -20° C LED module wattage 16.0 W System wattage 19.0 W

Controllability 0-10V, TRIAC, and ELV dimmable

Color rendering index Ra>80

 $\begin{array}{lll} \mbox{Luminaire lumens} & 1,944 \mbox{ lumens} & (3000\mbox{K}) \\ \mbox{Lifetime at Ta} = 15^{\circ}\mbox{C} & >500,000 \mbox{ h} & (L70) \\ \mbox{Lifetime at Ta} = 45^{\circ}\mbox{C} & 232,000 \mbox{ h} & (L70) \\ \end{array}$ 

#### LED color temperature

□ 4000K - Product number + **K4**□ 3500K - Product number + **K35**■ 3000K - Product number + **K3**□ 2700K - Product number + **K27** 

**BEGA** can supply you with suitable LED replacement modules for up to 20 years after the purchase of LED luminaires - see website for details

#### Finish

All BEGA standard finishes are matte, textured polyester powder coat with minimum 3 mil thickness.

Available colors  $\ \square$  Black (BLK)  $\ \square$  White (WHT)  $\ \square$  RAL:  $\ \square$  Bronze (BRZ)  $\ \square$  Silver (SLV)  $\ \square$  CUS:

A .

LED ce	eiling mou	inted downlights	· vortex reflector	· asymn	netrical light	
	LED	β	А	В	С	Required wiring box
24315	16.0 W	42/51°	20 1/2	23/8	3 3/4	19537

 $\beta$  = Beam angle

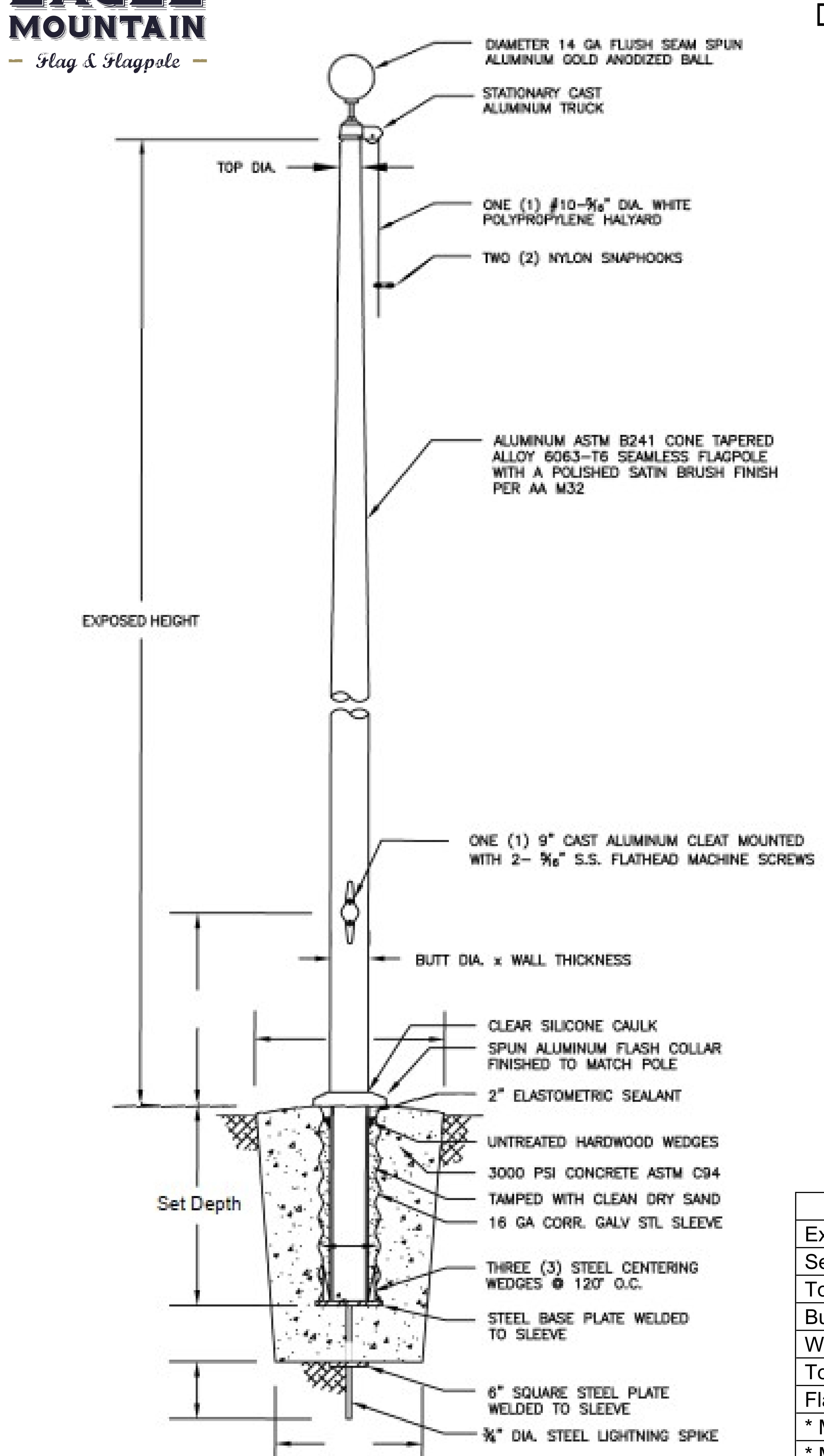
Type: SL4 - DELIVERY CANOPY

**BEGA Product:** 

Project: Modified:

# Part Number

Date



Specifications
Exposed Height:
Set Depth:
Total Length:
Butt Diameter:
Wall Thickness:
Top Diameter:
Flagpole Sections:
* Max Flag Size:
* Max Wind Speed w/Nylon Flag:
* Max Wind Speed No Flag:
* Wind Speed Specifications from ANSI/NAAMM FP 1001-07



# STARGAZER LED Downlight/Internal-External Truck Combo



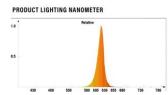
The StarGazer is a revolutionary downlight that incorporates the latest LED technology into flagpole lighting. A unique triangulation method of LED placement and the curvature of the fixtures optical design create outstanding performance with the most efficient distribution of light. The downlight design prevents your flagpole lighting from contributing to light pollution created by traditional up lights, allowing the StarGaZer to achieve International Dark Sky Association's "Dark Sky Approved" certification. (M) option for use on flag sizes up to 15'x 25', these commercial-grade LED's are rated for 50,000 hours, providing 25 times longer lamp life than halogen lamps (12+ years with photocell).

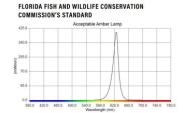
# Features & Specifications

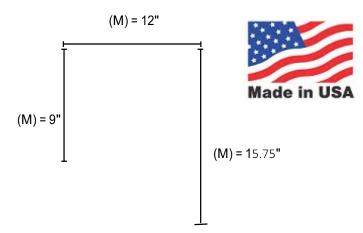
- ♦ LED Downlight/Truck Combo Eliminates the need for a separate ornament and pulley system
- ♦ Truck will allow flag to revolve 359 degrees and maintain illumination from StarGazer LED
- → Includes 60' (standard) factory-installed, low-voltage cord. Available in 100' & 150' options
- Above-Ground, In-Ground, Marine Grade & Faux Rock Power Supply options
  - One Power Supply can power up to 3 (M)
- StarGazers on the same circuit and can be remotely located up to 150' from the light source(s)
- → Stainless Steel, M-

#### (M) Size Option Performance

- Input Watts/Amps (LM-79 reported): 13W/ 0.50 A
- Input Voltage: 24V DC
- Color Accuracy (CRI): 90+
- Temperature Range: -40°F to 149°F
- LED Source IP Rating: IP67
- Lumens: Amber=987; 3000K=1,005; 5000K=1,085
- B-U-G Rating: B0-U0-G0
- Fixture EPA = 0.3 Sq Ft AMBER LED Option













United States Patent No.: US 10,808,913 B1

DO NOT RUN LINE VOLTAGE OR PLACE POWER SUPPLY INSIDE OR ON YOUR FLAGPOLE(S) IT CREATES AN ELECTRICAL HAZARD. POWER SUPPLIES/DRIVERS MUST BE INSTALLED OUTSIDE OF THE FLAGPOLE, AND MUST REMAIN IN THE PROVIDED ENCLOSURE BOX. MUST BE INSTALLED BY A LICENSED ELECTRICIAN. DO NOT BURY ABOVE-GROUND POWER SUPPLY



# **STARGAZER** Ordering Information

Ordering Example: SG-3K-EHR-M-60

Model	LED Kelvin Temp	Truck Style	Truck Finish	Dome Size	Dome Finish	Low Voltage Cable Leng
	<b>3K</b> = 3000K (Std.) <b>5K</b> = 5000K	EHRD = External, Revolving Double IHR - Internal, Revolving <sup>1</sup>	BLANK = Satin (Std.) BRZ = Bronze BLK = BK WHT = White	(Std.)	BLANK = Gold (Std.) BRZ = Bronze BLK = Black WHT = White SIL = Silver	<b>60</b> = 60' (Std.) <b>100</b> = 100' <b>150</b> = 150'
1. Stainless Steel W	l /inch, M-Winch & Cam (	Cleat compatible				







**Accessories** (Order as separate line items)

SG-AG-DRIVER Above Ground/Wall Mount Power Supply





- Capable of powering up to (3) StarGazers on a single circuit
- 4"W x 11"L x 3"H
- NOT TO BE PLACED IN OR ON THE FLAGPOLE(S)

#### SG-IG-DRIVER In Ground/Direct Burial Power Supply





- Capable of powering up to (3) StarGazers on a single circuit
- 5lbs
- 9"W x 9"L 5"H
- NOT TO BE PLACED IN OR ON THE FLAGPOLE(S)

#### **PHOTOCELL**

Dusk-to-Dawn Photocell for STARGAZER



PCxxxVCM (1/2" Conduit Mount)

PCxxxVFM

- Please specify input voltage
- $\diamond$ Voltage: 120/277V

#### SG-MG-DRIVER Marine Grade Power Supply

- Capable of powering up to (3) StarGazers on a single circuit
- 5 lbs
- 12"L x 10"W x 6"H
- NOT TO BE PLACED IN OR ON THE FLAGPOLE(S)
- NOT TO BE FULLY SUBMERGED UNDERWATER

#### Faux Rock Power Supply

#### SG-ROCK-AUTUMN







SG-ROCK-RIVERBED



**SG-ROCK-FIELDSTONE** 



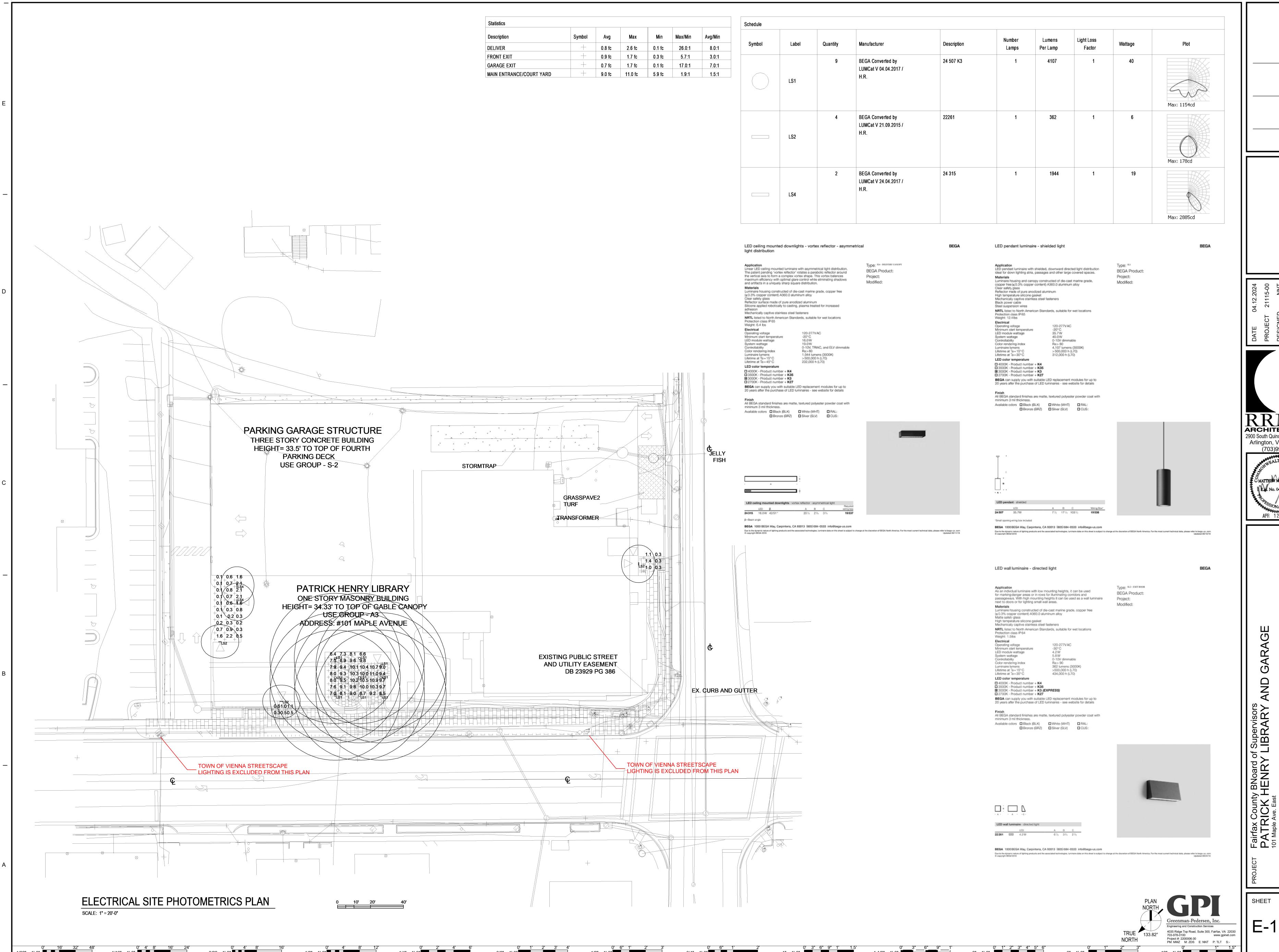
SG-ROCK-SANDSTONE



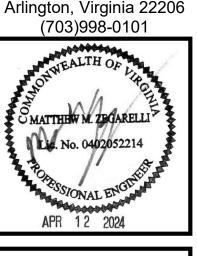
- Capable of powering up to 3 (S) or (M) StarGazers
- $\diamond$
- Dimensions Vary: 19" x 14" x 12"
- Lightweight, easy to move, extremely durable

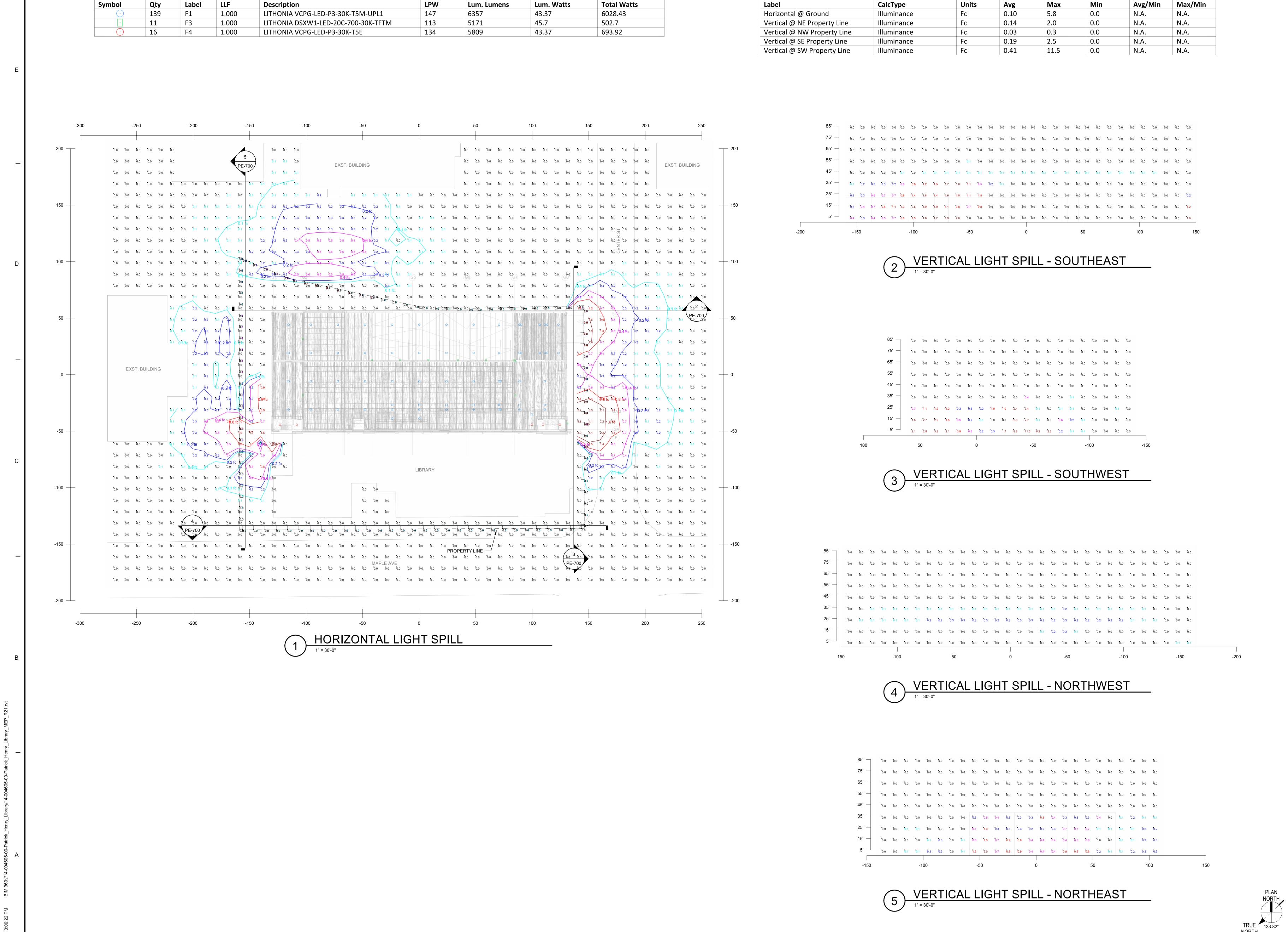
#### SOLAR POWER SUPPLY OPTIONS AVAILABLE. CONTACT EAGLE MOUNTAIN FOR MORE INFORMATION

#### **11. PHOTOMETRIC STUDIES**



RRMM®
ARCHITECTS, PC Arlington, Virginia 22206 (703)998-0101





Lum. Watts

Lum. Lumens

**Total Watts** 

**Luminaire Schedule** 

Description

LLF

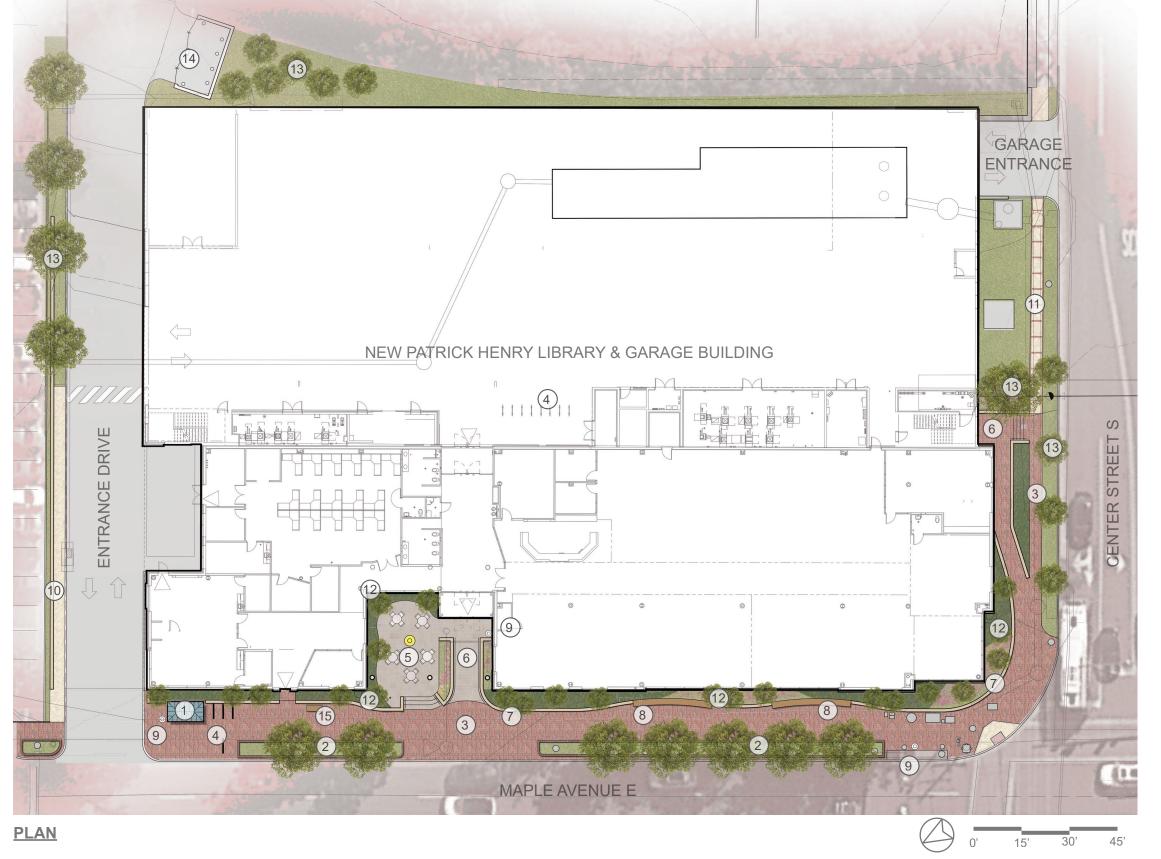
**Calculation Summary** 

Max/Min

Max

(703)998-0101

#### **12. LANDSCAPE PLAN**



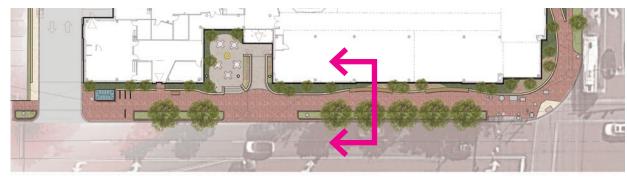
### **KEY**

- 1 Relocated Bus Shelter
- Street Trees to be Replaced per Maple Avenue standard
- (3) Town Standard Brick Sidewalk Replace and Extend Where Required; Salvage & Reinstall Dedication Bricks
- (4) Bike Racks\*
- (5) Patio with Tables & Chairs\*
- 6 Accessible Entrance w/ Handrails\*
- (7) Low Planter Wall\*
- (8) Seats on Top of Wall\*
- 9 Trash Receptacle
- (10) Concrete Sidewalk
- (11) Concrete Sidewalk w/ Brick Banding
- Planting Area
  Shrubs & Perennials
- 13) New Trees
- (14) Trash Enclosure\*
- 15) Relocated Commemorative Bench

Items with asterisk (\*) and all exterior modifications including light fixtures and lighting levels to be approved by future reivew by BAR

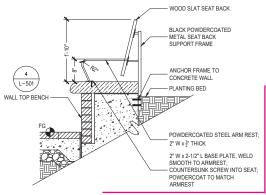
# Patrick Henry Library and Garage Replacement





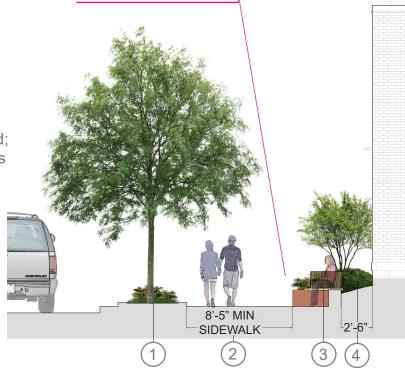


## KEY PLAN (not to scale)



## **KEY**

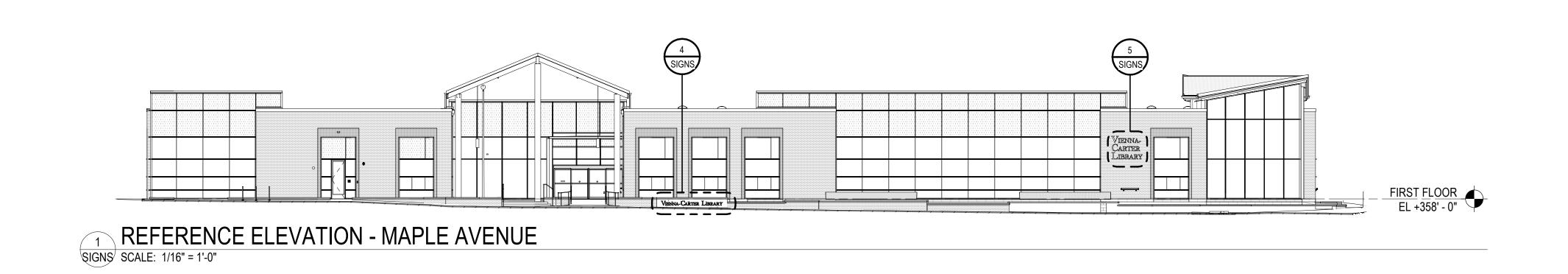
- Replaced Street Trees
- Town Standard Brick Sidewalk
  Replace and Extend Where Required;
  Salvage & Reinstall Dedication Bricks
- Seats on Top of Wall
- 4 Planting Area Shrubs & Perennials

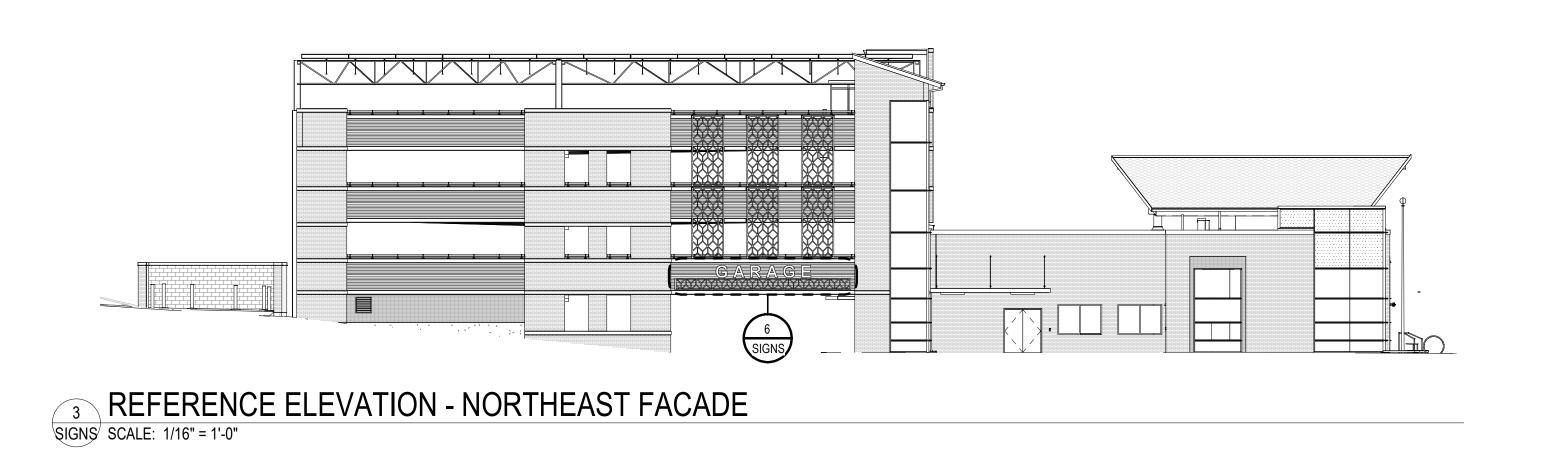


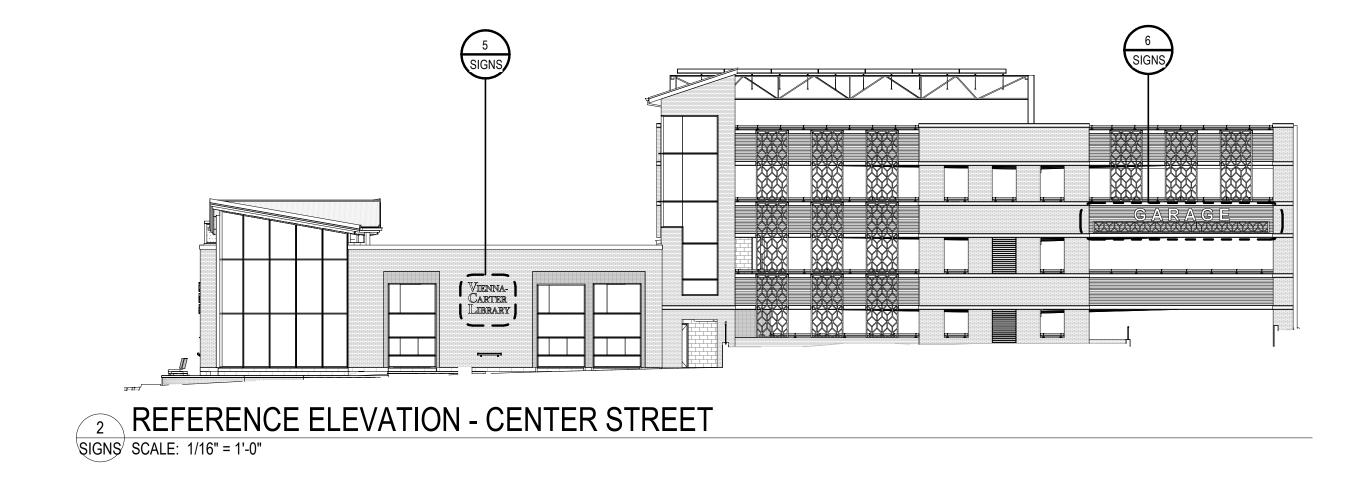
**SECTION** 

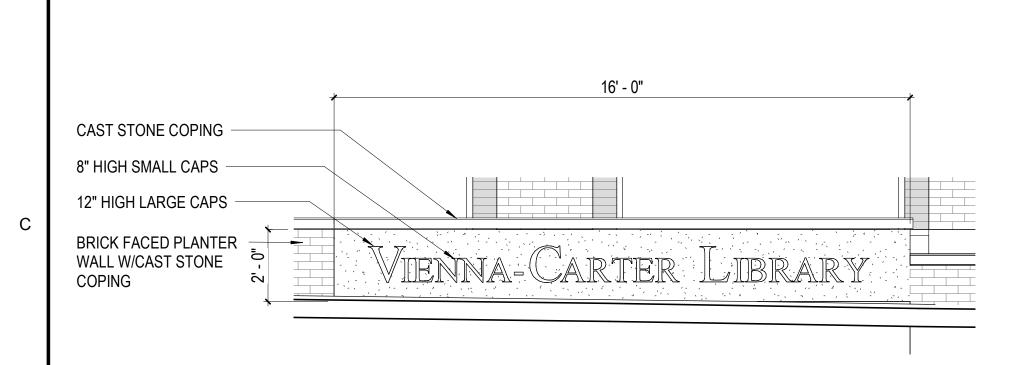


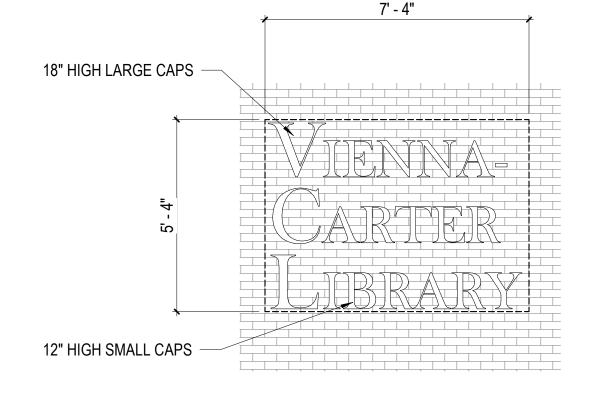
#### **13. SIGNAGE DRAWINGS**

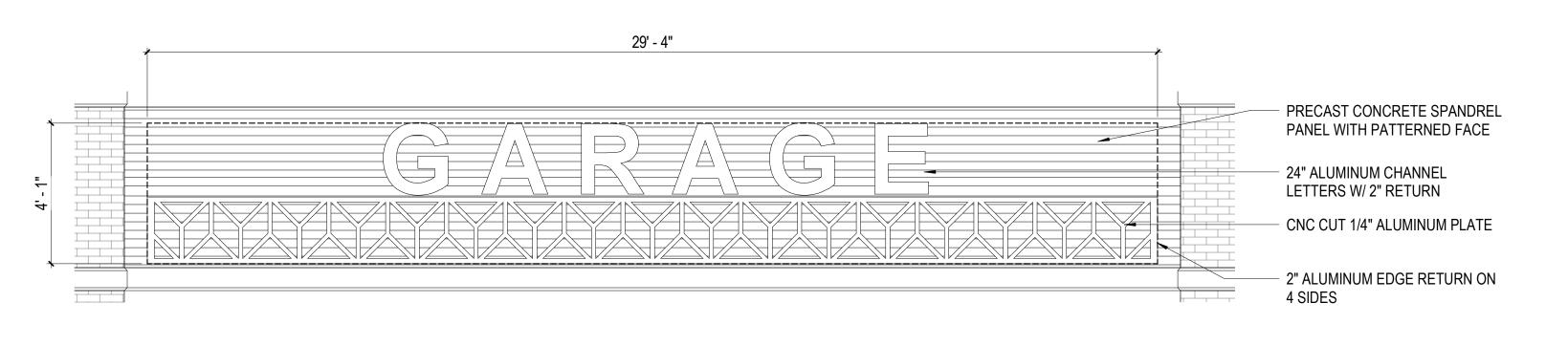












# CAST STONE BUILDING SIGN SIGNS SCALE: 3/8" = 1'-0" CAST STONE PANEL(S) WITH ENGRAVED LETTERS



# UPRIGHT CHANNEL LETTER GARAGE SIGN SIGNS SCALE: 3/8" = 1'-0" ALUMINUM CHANNEL LETTERS W/ 2" RETURN EDGES MOUNTED ON ALUMINUM CUTOUT PANEL STUD ATTACHED TO GARAGE PRECAST CONCRETE SPANDREL PANEL







RRIME ARCHITECTS, PC 2900 South Quincy Street, Suite 710 Arlington, Virginia 22206 (703)998-0101

SIGNS