



U.S. Department
of Transportation
**Federal Highway
Administration**

Georgia Division

February 18, 2015

61 Forsyth Street S.W.
Suite 17T100
Atlanta, Georgia 30303
Phone 404-562-3630
Fax 404-562-3703
Georgia.fhwa@fhwadot.gov

In Reply Refer To:
HPE-GA

Russell McMurry, P.E., Commissioner
Georgia Department of Transportation
One Georgia Center
600 West Peachtree Street, NW
Atlanta, GA 30308

Dear Mr. Golden:

We have reviewed the request to use proprietary items on the Metter Downtown Streetscapes – Phase III project, PI 0010818, City of Metter, Candler County.

FHWA concurs with the use of the described items below as proprietary items for aesthetic synchronization. This public interest finding is only applicable for the trash receptacles, benches, light poles and luminaires listed below. Furthermore, this public interest finding is only applicable for use on PI # 0010818, in Candler County. The City of Metter is responsible for ensuring that these items comply with the Buy America Act:

- Trash Receptacles – Victory Stanley, RB-36, Gloss, Black
- Benches – Victory Stanley, RB-28, Gloss, Black
- Light Poles and Luminaires – Granville, 100-Watts, Wadsworth, 12' Height, 19" Diameter Base

Insufficient information was provided to determine that a proprietary item is needed for Brick Paver – Paver Systems, Inc., Uni-Stone. Typically, these bricks can be provided by multiple manufacturers in an array of colors, shapes, and sizes that would appear to be able to meet the aesthetic unity desired in this project. As a result, FHWA does not concur with the request to use Paver Systems, Inc. as the sole provider.

If you have any questions, please contact Victor Dang at (404) 562-3654.

Sincerely,

Rodney N. Barry, P.E.
Division Administrator

Russell R. McMurry, P.E., Commissioner



GEORGIA DEPARTMENT OF TRANSPORTATION

One Georgia Center, 600 West Peachtree Street, NW
Atlanta, Georgia 30308
Telephone: (404) 631-1000

February 9, 2015

Mr. Rodney Barry – Division Administration
Federal Highway Administration
61 Forsyth Street, Suite 17T100
Atlanta, GA 30277
Attention: Melinda Roberson

Subject: Proprietary Items Usage
PI # 0010818
Metter Downtown Streetscapes – Phase III
City of Metter, Candler County

Mr. Barry:

Please review the attached request from the City of Metter for the use of proprietary benches, trash receptacles, lighting items, and brick pavers on the Metter Downtown Streetscapes – Phase III project, P.I. Number 0010818.

The City of Metter has previously installed identical items within the city limits and intends to continue to utilize the requested products in future streetscape projects. In order to ensure aesthetic continuity within its downtown area, the City of Metter respectfully requests approval to utilize the requested items.

The Department considers the use of the proposed proprietary items to be in compliance with 23 CFR 635.411 for aesthetic synchronization.

Should you have any questions or concerns, please contact Dave Peters at 404-631-1738 or Jeanne Kerney at 404-631-1982.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brent Story".

Brent Story, P.E.
State Design Policy Engineer

BAS:drp

City of Metter

Post Office Box 74 - 49 South Rountree

Metter, Georgia 30439

(912) 685-2527

January 21, 2015

Ms. Jeanne Kerney, P.E.
GDOT TE Project Manager
Moreland-Altobelli Associates, Inc.
2211 Beaver Ruin Road, Suite 190
Norcross, GA 30071

RE: Use of Proprietary Items for
Metter Downtown Streetscapes @ 4 LOCS -- Phase III, Candler County
GDOT PI: 0010818

Dear Ms. Kerney:

As per Federal Highway Administration regulation in 23 CFR 635.411(a) (2), proprietary materials specifications, and processes can be used if their use is essential for synchronization with existing highway facilities. For the City of Metter's Transportation Enhancement Project, PI# 0010818, the following proprietary items are proposed for use:

Brick Paver

Manufacturer: Paver Systems, Inc.
Quantity in Project: 8,960 SF
Total Estimated Cost for Brick Pavers: \$65,000

Model: Uni-Stone
Finish: normal
Color: charcoal gray

Trash Receptacles

Manufacturer: Victory Stanley
Quantity in Project: 16
Total Estimated Cost for Trash Receptacles: \$20,000

Model: RB-36
Finish: gloss
Color: Black

Benches

Manufacturer: Victory Stanley
Quantity in Project: 20
Total Estimated Cost for Benches: \$32,000

Model: RB-28
Finish: gloss
Color: Black



Proprietary Items Request
PI# 0010818/Candler County
January 21, 2015

Light Poles and Luminaires

Manufacturer: Granville

Cross Arm: N/A

Accessories: N/A

Quantity in Project: 10

Total Estimated Cost for Light Poles and Luminaires: \$30,000

Post: Wadsworth, 12' height, 19" diameter base

Luminaire: 100 W

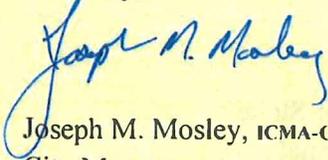
Color: Black

The total estimated costs for materials listed above are based on recent construction bids on similar projects. These costs include materials, labor, tax, and freight.

The estimated total construction cost for the project is \$364,000. The cost of \$147,800 for proprietary items represents 40.6% of the estimated construction costs.

I, **Joseph M. Mosley**, City Manager, of the City of the Metter do hereby certify that in accordance with the requirement of 23 CFR635.411(a)(2), that this patented or proprietary item is essential for synchronization with existing highway facilities. The use of these products is essential for aesthetic synchronization to match the visual appearance of existing facilities previously installed in the City and for compatibility with the City of Metter Design Guidelines.

Sincerely,



Joseph M. Mosley, ICMA-CM/AICP
City Manager
City of Metter

Attachments to include

- A. Photo of existing bench, street light, pavers, and trash receptacle.
- B. Manufacturer details for each proprietary item.



EXISTING BENCH

EXISTING STREET LIGHT

EXISTING BRICK PAVERS, TYP.

EXISTING WASTE RECEPTACLE

EXISTING PROPRIETARY ITEMS SHOWN WERE INSTALLED DURING THE DOWNTOWN STREETScape PH II (PI NOS 0007589 AND 0008892).

METTER DOWNTOWN STREETScapeS

@ 4 LOCS PH III

PI # 0010818

PROPRIETARY ITEMS PHOTOGRAPH

ATTACHMENT A

prepared for:

CITY OF METTER

CANDLER COUNTY, METTER, GA

PROJECT NO.:	01-0177
DRAWN BY:	WAS
DESIGNED BY:	WAS
SURVEYED BY:	JM
SURVEY DATE:	
CHECKED BY:	ABM
SCALE:	NTS
DATE:	1/15/15

SHEET

1

OF

1

Attachment B

SECTION 02530
SOLID CONCRETE INTERLOCKING PAVING STONES

PART 1 - GENERAL

1.01 CONFORMITY - Conforms to the requirements of the general conditions of the Contract.

1.02 RELATED WORK IN OTHER SECTIONS OF SPECIFICATIONS

Preparation of sub-base.
Supply and place base course materials.
Application of Soil Sterilant.

1.03 WORK INCLUDED

Supply and place sand bedding course.

Supply and install interlocking concrete paving stones in quality, shape, thickness, and color as specified.

Supply and place all accessory items as required by the Contract.

1.04 PRODUCT HANDLING

Paving stones shall be delivered and unloaded at jobsite with or without pallets and bound in such a manner that no damage occurs to the product during handling, hauling and unloading.

PART 2 - MATERIALS

2.01 SOLID CONCRETE INTERLOCKING PAVING STONES: ASTM DESIGNATION C936-82

Paving stones shall be: UNI-Stone®, UNI-Decor®, UNI-Anchorlock®, UNI Eco-Stone®, Appian-Stone®, City-Square®, Hexagon™, Holland-Stone™, City-Diamond™, City-Lock™, Cobble-Lock™, Symetry®, Multilock™, Colony™, Mini-Holland™, or Classico®, as manufactured by Paver Systems, Inc.

- 7167 Interpace Road, West Palm Beach, FL 33407
(561)844-5202 or (800) 226-0004
- 39 West Landstreet Road, Orlando, FL 32824
(407)859-9117 or (800)226-9117
- 6937 Rogers Lake Road, Lithonia/Atlanta, GA 30058
(770)482-6466 or (800)734-3321

3201 Franklin Limestone Road, Nashville, TN 37013
(615)834-1207 or (800)859-4548

Paving stone thickness shall be: 2-3/8" (60mm) or 3-1/8" (80 mm). Paving stone color shall be as specified by the design professional. A wide variety of earthtone colors, color mixes of two or more colors, and white cement colors are available. All pavers shall be colored through the full depth of the paver and not just the surface. Contact paver Systems for information on custom colors.

Cementitious Materials

Portland Cements shall conform to ASTM Specification C-150.

Aggregates shall conform to ASTM Specification C-33 for Normal Weight Concrete Aggregate (no expanded shale or lightweight aggregates) except that grading requirements shall not necessarily apply.

Other Constituents

Coloring pigments, air-intraining agents, integral water repellents, finely ground silica, etc., shall conform to ASTM standards where applicable, or shall be previously established as suitable for use in concrete.

Physical Requirements

Compressive Strength - At the time of deliver to the work site, the average compressive strength shall not be less than 8,000 psi with no individual unit strength less than 7,200 psi with testing procedures in accordance with ASTM Standard C-140.

Absorption - The average absorption shall not be greater than five percent (5%) with no individual unit absorption greater than seven percent (7%).

Proven Field Performance - Satisfying field performance is indicated with units similar in composition, and made with the same manufacturing equipment as those to be supplied to the purchaser, do not exhibit objectionable deterioration after at least one (1) year.

Visual Inspection

All units shall be sound and free of defects that would interfere with the proper placing of the unit or impair the strength or permanence of the construction. Minor cracks incidental to the usual methods of manufacture, or minor chipping resulting from customary methods of handling in shipment

and delivery, shall not be deemed grounds for rejection.

Sampling and Testing

The purchaser or his authorized representative shall be accorded facilities to inspect and sample the units at the place of manufacture from lots ready for delivery.

Sample and test units in accordance with ASTM Method C-140.

Rejection

In case the shipment fails to conform to the specified requirements, the manufacturer may sort it, and new test units shall be selected at random by the purchaser from the retained lot and tested at the expense of the manufacturer. In case the second set of test units fail to conform to the specified requirements, the entire lot shall be rejected.

2.02 SAND BEDDING COURSE

The sand bedding course shall be a well graded, clean, washed, sharp sand with 100% passing a 3/8" sieve size and a maximum of 3% passing a No. 200 sieve size. This is commonly known as manufactured concrete sand, concrete screenings or similar. DO NOT USE MASON SAND. The sand laying course should be the responsibility of the paving stone installer.

2.03 EDGE RESTRAINT

All edges of the installed paving stone pavement shall be restrained. The type of edge restraint shall be approved at locations as noted on plans.

The edge restraint can be:

- Paver Systems-Curb (Precast)
- Buildings
- Concrete curb or sidewalk (Cast-in-place)
- Pressure treated timber
- Compacted earth
- Other suitable method of preventing movement of edge stones

2.04 EXECUTION

The paving stone installer/contractor must have related experience in the installation of interlocking concrete paving stones.

2.05 PREPARATION OF THE BASE COURSE

A suitable base must be prepared as detailed in other section of project specifications.

The base course shall be shaped to grade and cross section with an allowable tolerance of 1/4" (5mm).

The compacted base shall be 3-1/8" (80mm) below final grade for 2-3/8" (60mm) pavers and 3-7/8" (100mm) below final grade for 3-1/8" (80mm) pavers.

2.06 CONSTRUCTION OF THE SAND BEDDING COURSE

The finished base course shall be approved before the placement of the sand bedding course.

The uncompacted sand bedding course shall be spread evenly over the area to be paved and then screeded level to 1 to 1 1/2" (25-38mm). Normally, it is good practice to have final elevation of the paving stones slightly higher than adjacent curbs, gutters and other paving to allow for any minor settling that may occur within the base.

Once screeded and leveled to the desired elevation, this sand bedding course shall not be disturbed in any way.

2.07 LAYING OF CONCRETE PAVING STONES

The paving stones shall be laid in the approved pattern as noted or shown on drawings. Common laying patterns are Herringbone*, Runner Bond, Parquet, etc. (*Herringbone pattern is recommended for vehicular traffic.)

The paving stones shall be laid in such a manner that the desired pattern is maintained. Spacer ribs automatically provide minimum joint width. For maximum interlock, it is recommended that joints between stones do not exceed 1/8" (3mm).

String lines should be used to hold all pattern lines true.

The gaps at the edge of the paver surface shall be filled with standard edge stone or with stones cut to fit. Cutting shall be accomplished to leave a clean edge to the traffic surface using a double headed breaker or a masonry saw. However, when cutting precision designed areas, a masonry saw is recommended. Whenever possible, no cuts should result with a paver less than 1/3 of original dimension.

Paving stones shall be vibrated into the sand bedding course using a plate compactor capable of 3,000 to 5,000 pounds compaction force with the surface clean and joints open.

After vibration, clean masonry-type sand containing at least 30% of 1/8" (3mm) particles shall be spread over the paving stone surface, allowed to dry and vibrated into joints with additional plate compactor passes and brushing so as to completely fill joints.

Surplus material shall then be swept from the surface or left on surface during construction to insure complete filling of joints during initial use. This sand also may provide surface protection from construction debris.

Upon completion of work covered in the Section, the Contractor shall clean up all work areas by removing all debris, surplus material and equipment from the site.

END OF SECTION

Attachment B



Create a timeless moment.®



RB-36

A 36 gal (136 L), tastefully flared litter receptacle. This beautifully tapered receptacle offers Ironsites® style and durability at an extraordinary value. Also available as models RB-24: 24 gal (90 L) and RB-45: 45 gal (170 L) capacities.

Standard tapered formed lid. Bottom recessed pedestal. US Patent D417,053.

STANDARD

All fabricated metal components are steel shotblasted, etched, phosphatized, preheated and electrostatically powder-coated with TGIC polyester powder coatings.

Other standard features include a formed lid attached to the frame with two vinyl-coated steel aircraft cables, a high-density plastic liner, and rubber-tipped leveling feet on the base.

RETURN TO STANDARD VIEW

FEATURES

Tapered .375 x 1 in (10 x 25 mm) Bars

MATERIAL

Recycled Solid Steel Bar

TOP BAND

2-1/2 in (64 mm)

Interior plastic liners for our litter receptacles offer substantial value and are produced on molds that we designed and own. These plastic cans are reinforced, ribbed, and molded for durability, ease of use, and greater capacity.

OPTIONS

Dome lid (ashtrays available). Convex lid (self-close door available). Rain bonnet lid (ashtrays available). Recycle lids. Galvanized steel liner (powder coat available). Half-Moon liners. Custom decals and plaques.

TOP RING

5/8 in (16 mm)

COLORS

Standard



Optional RAL



LIDS



PI# 0010818 CANDLER COUNTY

Attachment B

SITE FURNISHINGS

INSTALLATIONS

CONTACT US

SEARCH

MY ACCOUNT

ABOUT US



Create a timeless moment.®

LITTER RECEPTACLES

RECYCLING STATIONS

BENCHES

PLANTERS

BIKE RACKS & BOLLARDS

TABLES

SEATS



RB-28

STEELSITES™ RB COLLECTION

DETAILS

IMAGES

DOCUMENTS

Furniture-Quality Finish Joints: The beautiful RB-28 bench is one of our most popular products. Its simple but elegant design enhances all site schemes. The quality and durability of this bench assures that

it will stay beautiful for many years to come. Elaborate finishing detail of polished welds across exposed joints. Meticulous care is taken to determine the most comfortable configuration of components for these benches while paying rigorous attention to their structural integrity.

Front welds are ground and polished until they form a continuous surface from the top tubular section to each vertical steel slat.

Twenty-seven .25 x 1.5 in (6.4 x 38.1 mm) steel seat members gently reverse contoured for maximum comfort.

Finished end sections are .5 x 2 in (12.7 x 50.8 mm) solid steel bar, welded and ground.

Integral welded end armrests are standard.

Vertical steel scrolls. Surface mount tabs.

STANDARD

All fabricated metal components are steel shotblasted, etched, phosphatized, preheated and electrostatically powder-coated with TGIC polyester powder coatings.

OPTIONS

Intermediate armrests (bolt-on).

PRINT

SAVE

SHARE

MATERIAL

Recycled Solid Steel Bar

LENGTH

4 ft (1.2 m)

6 ft (1.8 m)

8 ft (2.4 m)

FEATURES

Polished Welds

Attachment B
 PI# 0010818 Candler County

COLORS

Standard



Optional

RAL



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Most Victor Stanley benches are ADA compliant. Member of the ASLA. Member of the USGBC.



Site Map ▾

Collections

- Anthro Sites™
- City Sites™
- Classic
- Concourse
- Corridor
- Cycle Sentry™
- Dynasty
- Economy
- Fiberglass
- Framers Modern™
- Geometric
- Goblet
- GreenSites
- Homestead
- Ironsites®
- Parsons
- Perenne
- Prairie Sites

Products

- Benches
- Tree Guards
- Ash Urns
- Bike Racks & Bollards
- Litter Receptacles
- Planters
- Recycling Stations
- Seats
- Tables

About Us

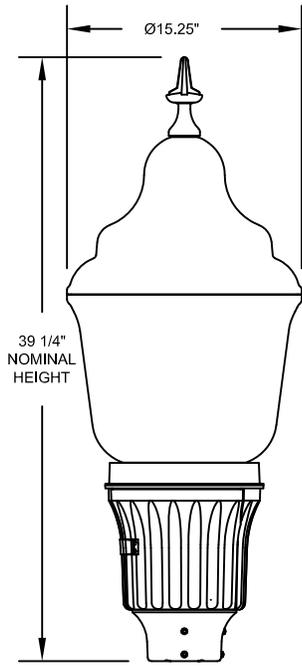
- General Information
- Environmental Commitment

Contact Us

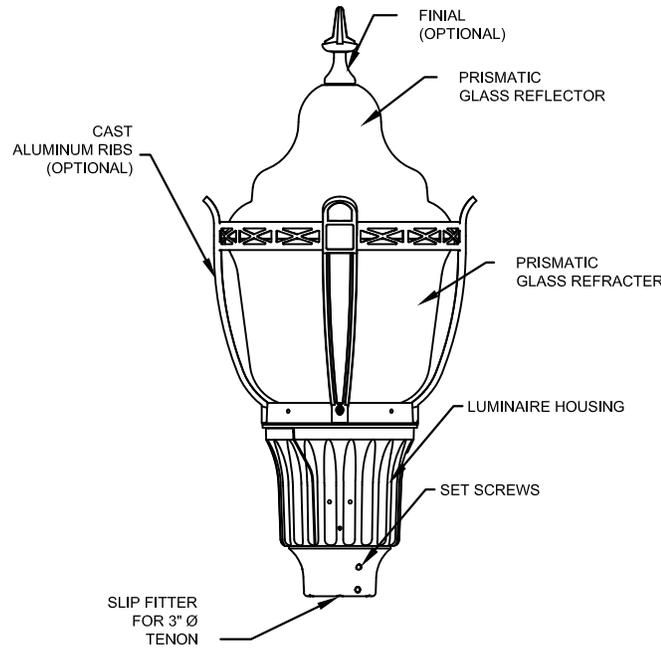
- Request Form
- Find Your Representative
- Directions
- E-News Sign-Up
- Follow Us, Facebook |LinkedIn

Design Resources

- Product Library
- Installations
- My Account



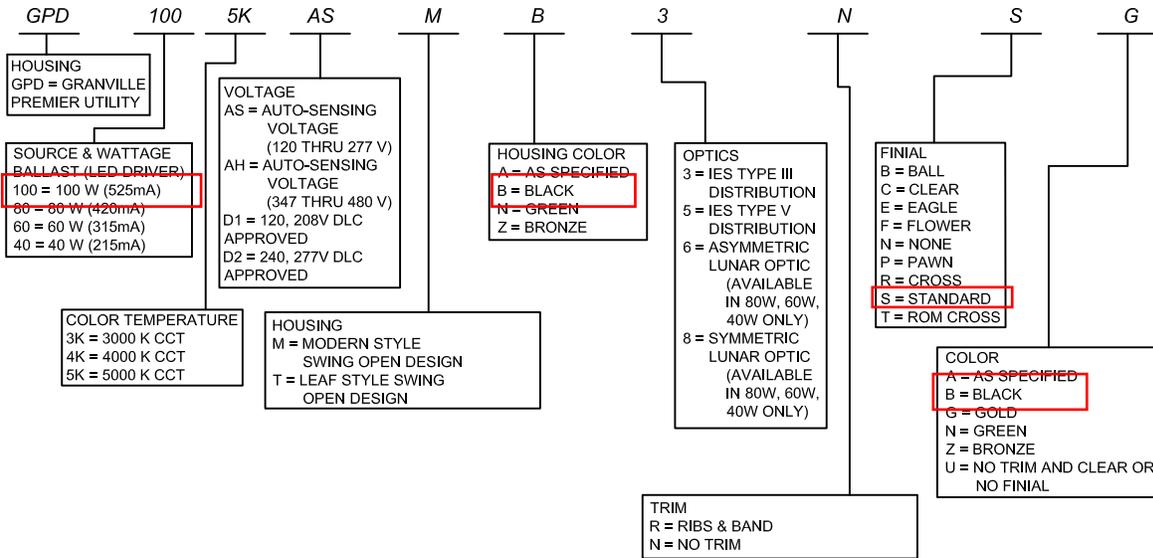
Maximum weight - 64 lbs
 Maximum effective projected area - 1.38 sq. ft.



Granville II LED Premier Utility

DECORATIVE
 OUTDOOR

ORDERING INFORMATION:



OPTIONS

- F = FULL COVER
- DM = DIMMING DRIVER (100W AS, AH VOLTAGE 40, 60, 80W AS VOLTAGE ONLY)
- M = MAYFIELD 1/2 OPTIONAL COVER
- H = NEMA TWISTLOCK PHOTOCONTROL RECEPTACLE
- PND = BLC2 CONTROL PROVIDED FOR PART-NIGHT DIMMING (40W, 60W, AND 80W 120-277V ONLY)
- PCS = DTL TWISTLOCK PHOTOCONTROL FOR SOLID STATE
- PSC = SHORTING CAP
- L1H = 1.5 FEET OF PREWIRED LEADS
- L03 = 3 FEET OF PREWIRED LEADS
- L10 = 10 FEET OF PREWIRED LEADS
- L20 = 20 FEET OF PREWIRED LEADS
- L25 = 25 FEET OF PREWIRED LEADS
- L30 = 30 FEET OF PREWIRED LEADS
- DE = ROAM CONCIERGE DIMMING CONTROL
- VE = ROAMVIEW DIMMING CONTROL

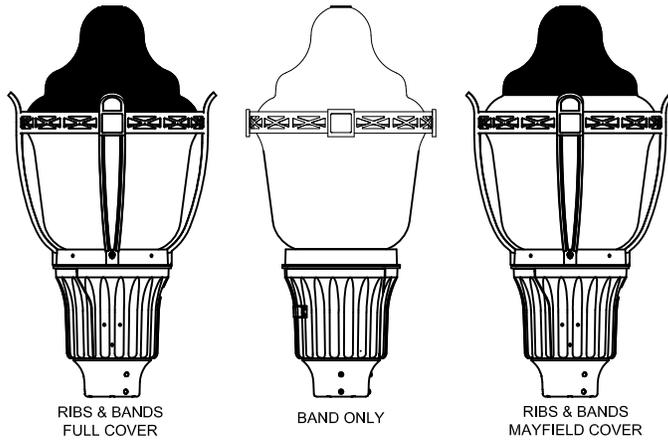
ACCESSORIES

- GVBANDX = DECORATIVE BAND (INSERT TRIM FINISH FOR X)
- GVDHSS90 = HOUSE SIDE SHIELD SOLID 90 DEGREE
- GVDHSS12 = HOUSE SIDE SHIELD SOLID 120 DEGREE
- GVDHSS18 = HOUSE SIDE SHIELD SOLID 180 DEGREE



THIS DRAWING, WHEN APPROVED, SHALL BECOME THE COMPLETE SPECIFICATION FOR THE MATERIAL TO BE FURNISHED BY HOLOPHANE ON THE ORDER NOTED ABOVE. A UNIT OF SIMILAR DESIGN MAY BE FILED FOR THE ORDER AS AN ANCHOR BOLT. THE LATEST PRINT WILL BE SUPPLIED WITH EACH ANCHOR BOLT ORDER TO MATCH THE POLE PROVIDED. THIS PRINT IS THE PROPERTY OF HOLOPHANE AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND UPON EXPRESS WRITTEN NOTICE TO OUR INTERESTS AND ONLY IN CONNECTION WITH MATERIAL FURNISHED BY HOLOPHANE.

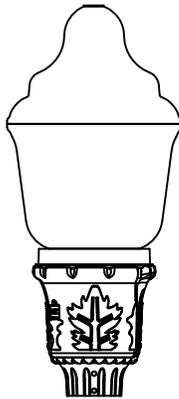
ORDER #:	
TYPE:	
DRAWN:	JCH
DATE:	6-25-14
DWG #:	LUM_GPD



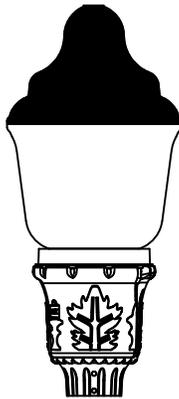
RIBS & BANDS
FULL COVER

BAND ONLY

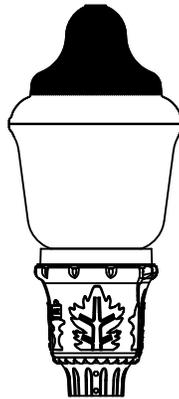
RIBS & BANDS
MAYFIELD COVER



NO TRIM OPTIONS



FULL COVER
NO TRIM



MAYFIELD COVER
NO TRIM

FINIALS



PAWN



BALL



CROSS



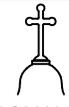
CLEAR



STANDARD



EAGLE



ROMAN
CROSS



FLOWER

Specifications

GENERAL DESCRIPTION

The GranVille II LED Utility is designed for ease of maintenance with the plug-in electrical module common to each of the luminaires in Holophane's Utility Luminaire Series. The traditional acorn shaped luminaire, while reminiscent of the 1920's, contains a precision optical system that maximizes post spacings while maintaining uniform illumination.

OPTICAL SYSTEM

The optical system consists of a precisely molded thermal resistant borosilicate glass refractor and top reflector mounted within the decorative aluminum housing. The glass top reflector redirects over 50% of the upward light into the controlling refractor while allowing a soft uplight component to define the traditional acorn shape of the luminaire. Two decorative aluminum covers are available. The lower refractor uses precisely molded prisms to maximize pole spacings while maintaining uniform illuminance. Two refractors are available, designed for I.E.S. type III and V distributions. Lunar optics shielding is available for asymmetric and symmetric distributions.

LUMINAIRE HOUSING

The luminaire housing, cast of aluminum, provides an enclosure for the plug-in electrical module. Four uniquely designed stainless steel spring clips enclosed in a clear polyvinyl chloride sleeve and adjusted by hex head 1/4-20 bolts securely cradle the prismatic glass refractor. The same 1/4-20 bolts support the decorative rib and banding assembly. The slipfitter will accept a 3" by 2-7/8" to 3-1/8" O.D. tenon.

LUMINAIRE HOUSING / DOOR

Cast of aluminum, the housing opens with minimum use of tools and is retained on a hinge. For units with an E.E.I.-N.E.M.A. twist lock photocell receptacle, the housing contains a "window" to allow light to reach the cell.

ELECTRICAL MODULE

The electrical components are mounted on a aluminum plate that is removable with minimum use of tools. A matching five conductor plug connects to the receptacle in the luminaire housing to complete the wiring. For photoelectric operation, the electrical module is provided with an E.E.I.-N.E.M.A. twist lock photocell receptacle.

FINISH

The luminaire is finished with polyester powder paint to insure maximum durability.

WARRANTY

Limited warranty located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

NOTE

Actual performance may differ as a result of end-user environment and application.

Actual wattage may differ by +10% / -10% at operating temperature.

60W 347-480V version wattage may differ by +14% / -14% at operating temperature.

Specification subject to change without notice.

GranVille II LED
Premier Utility

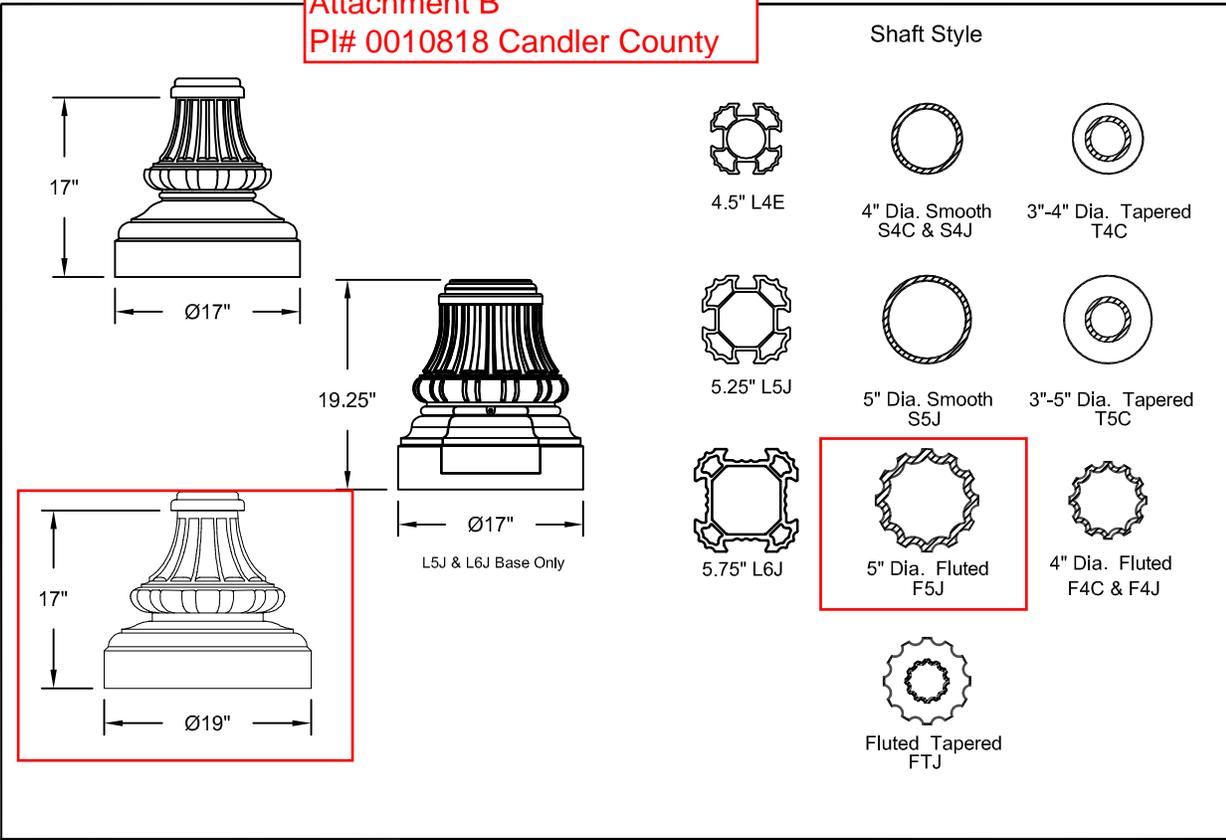
**DECORATIVE
OUTDOOR**

HOLOPHANE
LEADER IN LIGHTING SOLUTIONS
An Acuity Brands Company

© 2009 Acuity Brands Lighting, Inc., All Rights Reserved

THIS DRAWING, WHEN APPROVED, SHALL BECOME THE COMPLETE SPECIFICATION FOR THE MATERIAL TO BE FURNISHED BY HOLOPHANE ON THE ORDER NOTED ABOVE. A UNIT OF SIMILAR DESIGN MAY BE FILED ON THE ORDER FOR THE PURPOSE OF OBTAINING A UNIT OF THE SAME DESIGN AS AN ANCHOR BOLT. THE DATE PRINT WILL BE SUPPLIED WITH EACH ANCHOR BOLT ORDER TO MATCH THE POLE PROVIDED. THIS PRINT IS THE PROPERTY OF HOLOPHANE AND IS LOANED SUBJECT TO RETURN UPON DEMAND AND UPON EXPRESS WRITTEN NOTICE. THIS DRAWING IS NOT TO BE REPRODUCED IN ANY WAY DETRIMENTAL TO OUR INTERESTS AND ONLY IN CONNECTION WITH MATERIAL FURNISHED BY HOLOPHANE.

ORDER #:	
TYPE:	
DRAWN:	KRW
DATE:	10/18/12
DWG #:	LUM_GPD



TM
WADSWORTH
Aluminum Pole

Architectural
Outdoor

ORDERING INFORMATION:

WD	A	Height	Shaft Style
Post	Material		
WD = Wadsworth	A = Aluminum	08 = 8' 09 = 9' 10 = 10' 11 = 11' 12 = 12' 13 = 13' 14 = 14'	Cast Pole 08 = 8'-0" 10 = 10'-0" 12 = 12'-0" 20 = 20' 14 = 13'-7"
			FTJ = Fluted Tapered (Cast), .25 F4C = 4" DIA. Fluted, .125 Wall F4J = 4" DIA. Fluted, .25 Wall F5J = 5" DIA. Fluted, .25 Wall L4E = SiteLink 4.5" Fluted, .150 Wall L5J = SiteLink 5.25" Fluted, .25 Wall L6J = SiteLink 5.75" Fluted, .25 Wall S4C = 4" DIA. Smooth, .125 Wall S4J = 4" DIA. Smooth, .25 Wall S5J = 5" DIA. Smooth, .25 Wall T4C = 3" to 4" DIA. Tapered, .125 Wall T5C = 3" to 5" DIA. Tapered, .125 Wall

Base	Tenon	Mounting	Finish
17 = 17" Round (TMP-85) (L4E = TMP-40009) (L5J & L6J = TMP-40010) 19 = 19" Round (TMP-98)	P01 = POLE CAP P05 = 3" O.D. X 4" LG. P07 = 3" O.D. X 3" LG. P08 = 3" O.D. X 5" LG. P09 = 3" O.D. X 6" LG. P10 = 3" O.D. X 9" LG. P11 = 4.38 O.D. x 12" LG. (3" O.D. = ACTUAL SIZE IS 2.88" O.D.)	P12 = 3" O.D. X 12" LG. P13 = 3" O.D. X 8" LG. P14 = 3" O.D. X 14" LG. P15 = 3.5" O.D. X 8" LG. P16 = 4.5" O.D. X 10" LG. PT1 = VG Plate	ABG = Anchor Bolts Galvanized Steel LAB = Less Anchor Bolts DBB = Direct Burial Base Galvanized Steel BK = Black BD = Dark Blue BZ = Bronze GH = Graphite GN = Green GR = Gray PP = Prime Painted SL = Silver WH = White

SPECIFICATIONS

DESCRIPTION
The lighting post shall be all aluminum, one-piece construction, with a classic tapered and fluted base design.

MATERIALS
The base and fluted tapered cast shaft shall be heavy wall, cast aluminum produced from certified ASTM 356.1 ingot per ASTM B-179-95a or ASTM B26-95. The straight shafts shall be extruded from aluminum, ASTM 6061 alloy, heat treated to a T6 temper. The tapered shaft shall be extruded from aluminum, ASTM 6063 alloy, spun to a tapered shape, then heat treated to a T6 temper. All hardware shall be tamper resistant stainless steel. Anchor bolts to be completely hot dip galvanized.

CONSTRUCTION
The shaft shall be double welded to the base casting and shipped as one piece for maximum structural integrity. The shaft shall be welded inside the base casting at the top of the access door, and externally where the shaft exits the base. All welding shall be per ANSI/AWS

DIMENSIONS
The post shall be X'- XX" in height with a 17" or 19" diameter base. The shaft diameter shall be XX". At the top of the post, an integral tenon with a transitional donut shall be provided for luminaire mounting.

INSTALLATION
The post shall be provided with four, hot dip galvanized L-type anchor bolts. A door shall be provided in the base for anchorage and wiring access. A grounding screw shall be provided inside the base opposite the door.

Accessories
WDA17BRKWYKITXX = BREAKAWAY KIT

Options
EXXX2 = Provision for eye bolt.
LXXX2 = Large provision.
RXXX2 = Receptacle provision.
SXXX2 = Small provision.
FGB = GFI receptacle in base

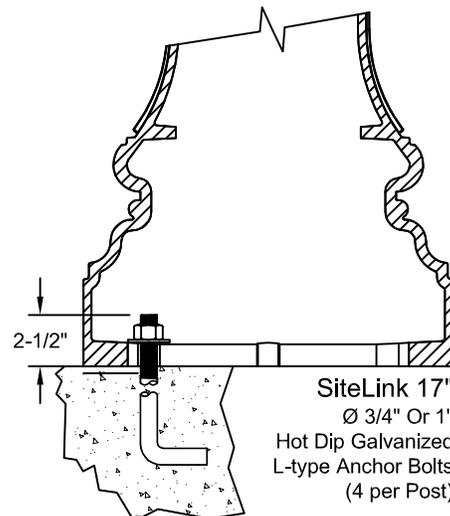
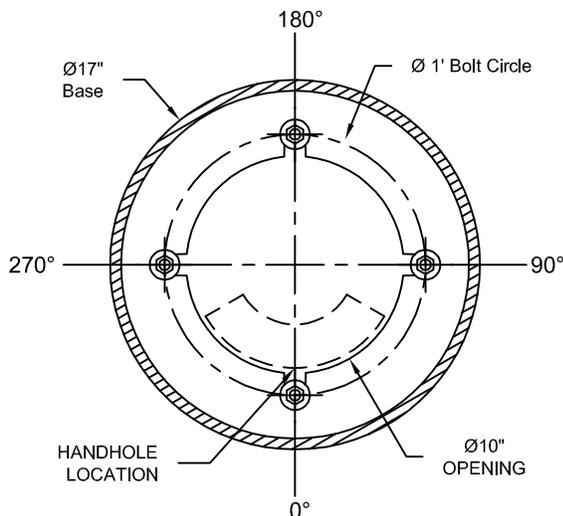
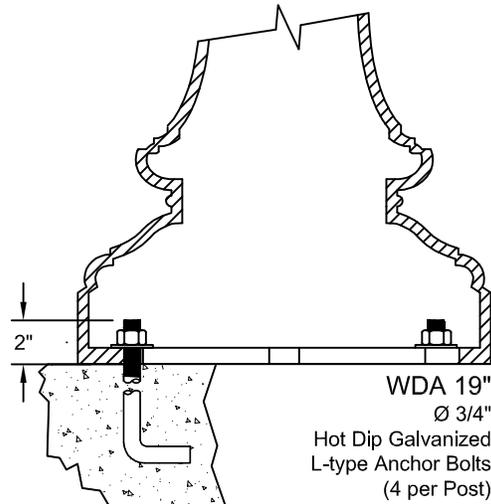
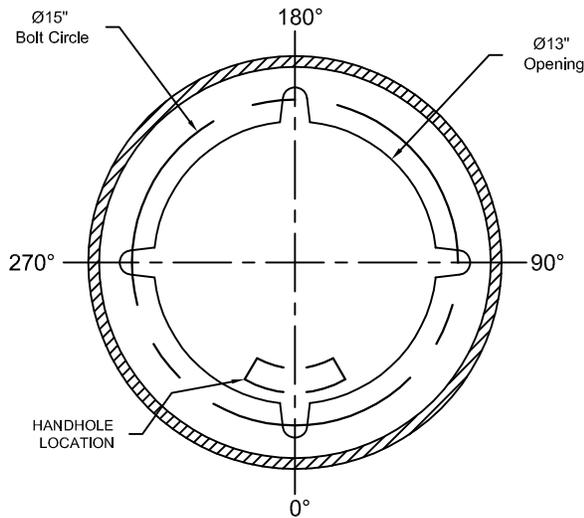
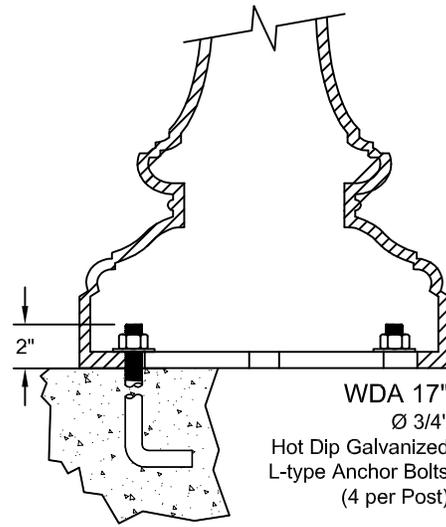
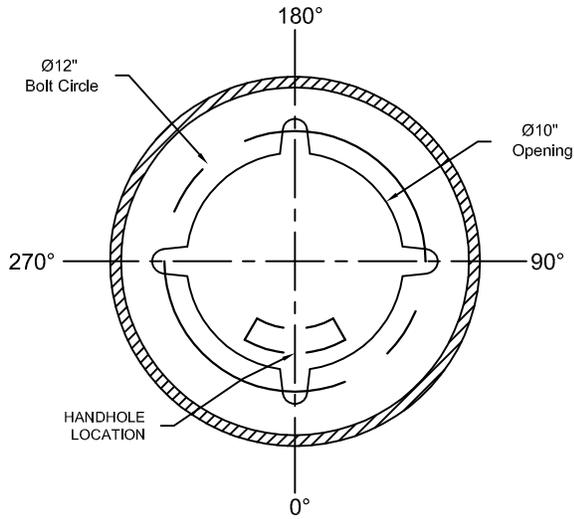
HOLOPHANE
LEADER IN LIGHTING SOLUTIONS
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2 - Replace "XXX" with height from grade (inches), can be up to 3 digits. Must use whole numbers. Leading zeros are not used. Replace Y with orientation from hand hole (A=0, B=90, C=180, D=270). Add multiple provisions as necessary to cover each location. Must validate EPA restrictions for banners.

ANCHORAGE GUIDE



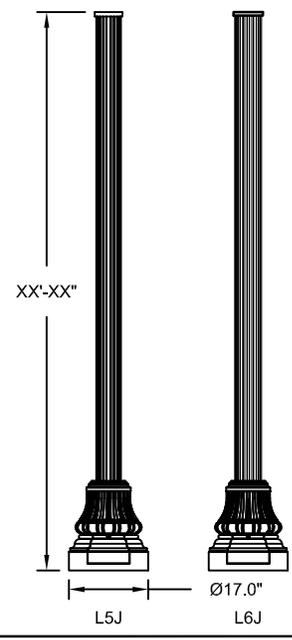
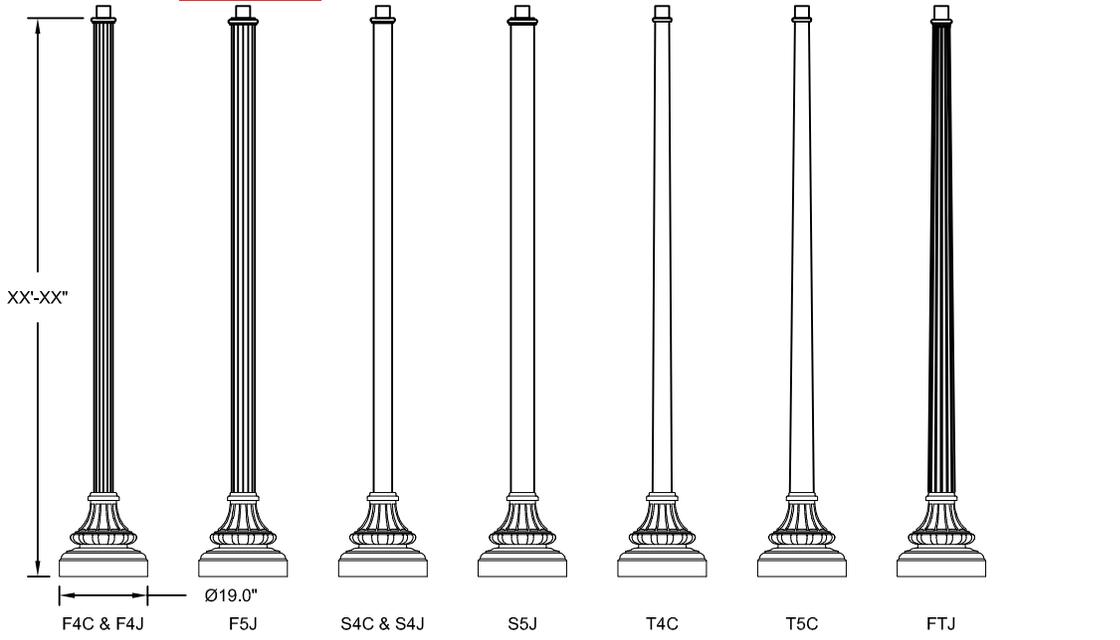
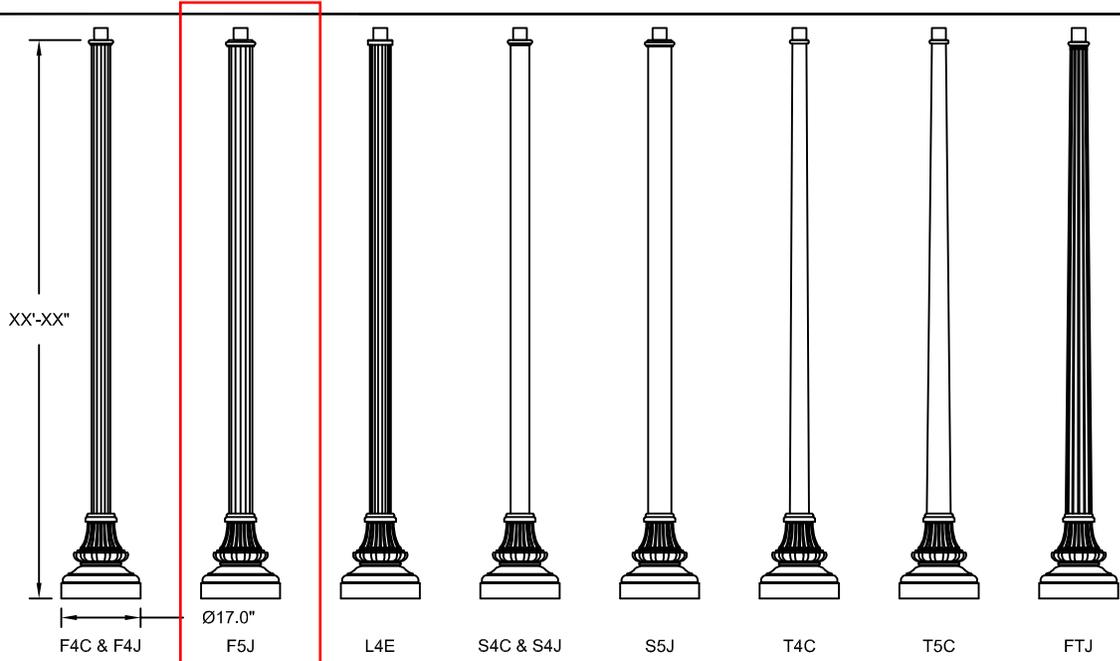
WADSWORTHTM
 Aluminum Pole

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