

TOWN OF BEL AIR

39 N. Hickory Ave.

Bel Air, Maryland 21014

ADDENDUM # 2

FOR

BID # 19005-P

Directional Signage for the Town of Bel Air, Maryland

March 12, 2019

This Addendum #2 for Bid # 19005-P for Directional Signage is issued to either amend, clarify or add additional information:

1. Detail for smallest signs referred to under Exhibit A-1 to be revised:
 - Clear height may be 7'-0"
 - Panel height is revised to 3'-8"
 - Panel width is revised to 2'-8"
2. Sign #18: will require a new pole (not attached to an existing pole). Location to be determined as part of coordination with the Maryland DOT. Town will work with selected bidder to accommodate access and installation needs.
3. Base: assume concrete footer (12" round) for all proposed sign posts.
4. Base: all posts to be breakaway design. Selected bidder to submit shop drawing to be approved by the Town. Previous exhibit provided with Addendum #1 is incorrect and withdrawn.
5. Panel: Panel specification to match or be equal in appearance and performance to existing garage ID signs (see Exhibit D).
 - 3M Diamond Grade DG3 reflective white sheeting and 3M 1170 over-laminate.

- (2) ¼" thick aluminum panels is revised to (1) 3/16" aluminum panel.
 - All panels are one-side with the exception of sign #4. The side of panel without message may be painted black (to match post) using paint approved by the Town.
6. Street lights: the existing street lights to which some panels are attached – a detail of the product is provided as Exhibit E.
 7. Most signs will require Maryland SHA coordination to manage traffic when use of the road is required for installation. The Town will coordinate with Maryland SHA and adjacent properties to secure any required permissions. The selected contractor should anticipate need for plans/narrative to assist with the traffic management approved by SHA.
 8. It is recommended that all bidders visit the proposed sign locations. Additional cost for installation will not be approved based on ignorance of visibly apparent existing conditions.
 9. Contractor is responsible for placing all extra dirt from holes into a container for the Town to remove.
 10. The date of substantial completion is revised for June 30, 2019 to August 31, 2019.
 11. All hardware associated with attachments to existing poles are the responsibility of the selected contractor.

Acknowledgement of receipt of Addendum #2

I have received and reviewed Addendum # 2 for Bid 19005P _____
Please sign and return with your bid proposal.

Also acknowledge receipt of Addendum 2 on page 23 of the Bid when submitted.

John R. Miller
Procurement Officer
Town of Bel Air, Maryland
Phone: 410-638-4555

SIGN TYPE ID.d DESTINATION ID - PARKING ID D/S

Client: THE TOWN OF BEL AIR
Project: SO# 6169 WAYFINDING SIGNS
Site: 39 N. HICKORY AVE BEL AIR, MD 21014
Contact:
Date: 06.29.18
Rev #: 2 (10.05.18)
File Name: BEL AIR PARKING GARAGE ID
PM: P.PREDISCH
Drawn By: I.SANTIAGO
Sales: K.CHERASHORE
<small>All MS sign drawings shall act as the control document. MS Sign reserves the right to revise pricing based on any revisions to the original specification. MS Sign does not accept "Approved as noted".</small> <small>The layout / design are herein reserved to MS Sign and may not be used without its written permission. The original artwork is protected under Federal Copyright Laws. Make no reproductions.</small>
Approved (Sign Here) Name: _____ Date: _____

1. Face Panels:
 1/2" Thick Aluminum Panels
 With Retro-reflective Digitally
 Print Graphics On 3M Diamond
 Grade DG3 Reflective White
 Sheeting And 3M 1170
 Over-Laminate. Edges Painted
 To Match Posts.

Top Section: MP08973
 Tintoretto Blue
Main Section: MP14975
 Motorcycle Green & MP02625
 Blue Lightening

2. Finial:
 4" Aluminum Ball, Welded To
 Top Of Pole.

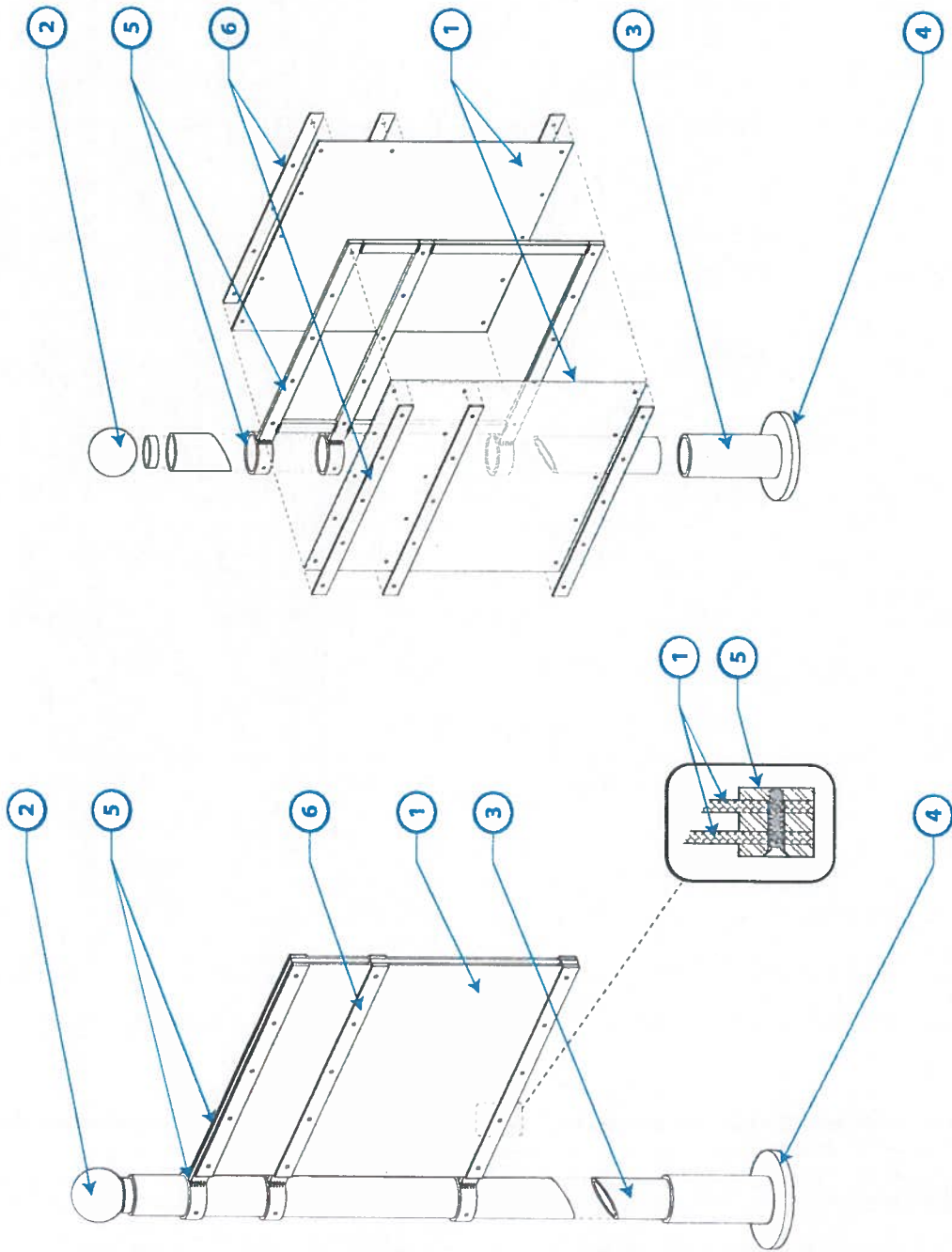
3. Post:
 4" Aluminum Pole With 4 1/2" Aluminum Sleeve. Welded To Base Plate For Mounting To Concrete Footing.

4. Base Plate With Cover:
 8" Aluminum Plate With Pre-drilled Holes. Aluminum Cover To Slide Through Sleeve, Secured To Base Plate With Tamper Proof Screws.

5. Collar & Frame:
 4 1/2" Aluminum Collar With 1/4" Thick Aluminum Flat Stock Frame, Welded Ground & Smooth. Mechanically Fastened To Post With Tamper Proof Screws.

6. Panel Edge Trim & Stiffener:
 1/4" Thick Aluminum Flat Stock Mechanically Fastened Through Frame & Face Panels With Tamper Proof Screws.

Note:
 All parts powder coated Tiger Drylac black (semi gloss)

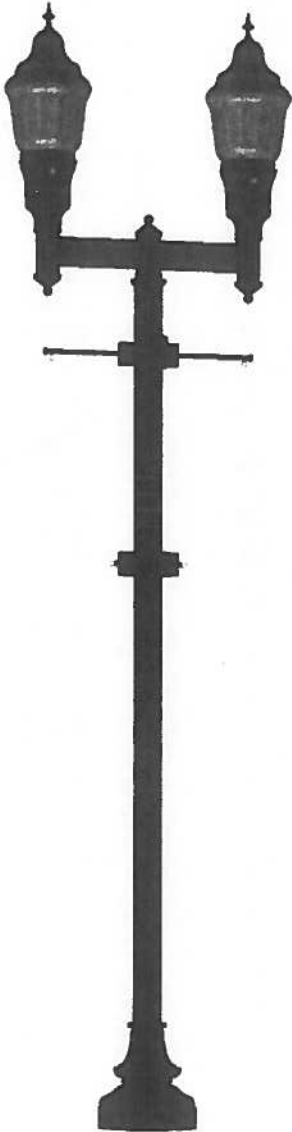


6 Exploded View
 Scale: NTS

5 Isometric View
 Scale: NTS



Wadsworth Aluminum Pole
Philadelphia 36" Crossarm
Granville® Premier II LED 2 (GPD2)



POLE ATTRIBUTES:

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

Materials The base and extruded straight aluminum 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 and tapered shafts shall be extruded from aluminum, ASTM 6061 and 6063 alloy respectively. Material heat treated to a T6 temper.

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.

Installation The post has an option to have four L-Type hot dip galvanized anchor bolts shipped with it. 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.

CROSSARM ATTRIBUTES:

CONSTRUCTION The crossarms and wall brackets shall be one-piece construction. The arms shall be welded to a center spool. For wall brackets, the arms shall be welded to a flat wall plate. All welding shall be per ANSI/AWS D1.2-90. All welders shall be certified per SNSI/AWS D1.2-90 Section 5.

MATERIALS The arms, finials, and center spool tenons, shall be heavy wall, cast aluminum produced from certified ASTM 356.1 ingot per ASTM B-179-95a or ASTM B26-95. The center spool and wall bracket mounting plate shall be aluminum, ASTM 6061 alloy, heat-treated to a T6 temper. All hardware shall be stainless steel. All exterior hardware shall be tamper resistant.

INSTALLATION The crossarms shall slip-fit a post top tenon and attach with socket screws. The center finial shall be removable. The wall bracket shall have four 9/16" diameter holes for mounting to the wall. (Bracket mounting hardware furnished by others.) Both crossarms and wall bracket shall have 3" O.D. tenons for Luminaire mounting. Requires P08 Tenon

FIXTURE ATTRIBUTES:

General The GranVille® Premier II LED 2 is designed for ease of maintenance with the electrical module common to HoloPhane's original GranVille Series. A precision optical system that maximizes post spacing while maintaining uniform illumination.

Features and Benefits

- Engineered LED system for maximum performance and reliability
- Designed for use with original globes and housings maintaining familiar appearance



Catalog Number GPD2 P40 30K AS M BK 5 N S BK C P7 NL1X1 PCS PCP36 CA BKH WDA 12 F5J 17 P08 ABG BK S132C S132A E96C E96A R132B BA 24 BO H 4 BK T FGIUS_S BK

Type:	Notes
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SPECIFICATIONS

FIXTURE

Granville® Premier II LED 2 (GPD2)
 {GPD2 P40 30K AS M BK 5 N S BK C P7 NL1X1 PCS}
 Prefix: Granville® Premier II LED 2 (GPD2)
 Performance Package: LED Performance Package 40
 Color Temperature: 3000 Series CCT
 Voltage: Auto-Sensing (120-277V)
 Housing: Modern Style - Swing Open Design
 Finish: Black
 Optics: Symmetric Type V
 Trim: No Trim
 Finial: Painted Cast Aluminum Standard
 Trim Finish: Black
 Covers: Black Full Cover
 Photocontrol Receptacle: 7 Pin Photocontrol Receptacle
 Prewired Leads: None
 NEMA Label: NEMA Label 1 x 1 (in)
 Adjustable Output: None
 Photocontrols: DTL Twistlock Photocontrol For Solid-State Lighting (120-277)
 Factory Programmed Driver: None
 ROAM Dimming: None
 Decorative Band Accessory: None
 House Side Shield Accessory: None
 Luminaire EPA: 1.26
 Luminaire Weight: 47

ARM / MOUNTING BRACKET

Philadelphia 36" Series Crossarm, Oriented at 0 degrees.
 {PCP36 CA BKH}
 Series: PCP36 (Two at 180)
 Material Type: CA
 Finish: Black
 Arm EPA: 2.16
 Arm Weight: 40

POLE

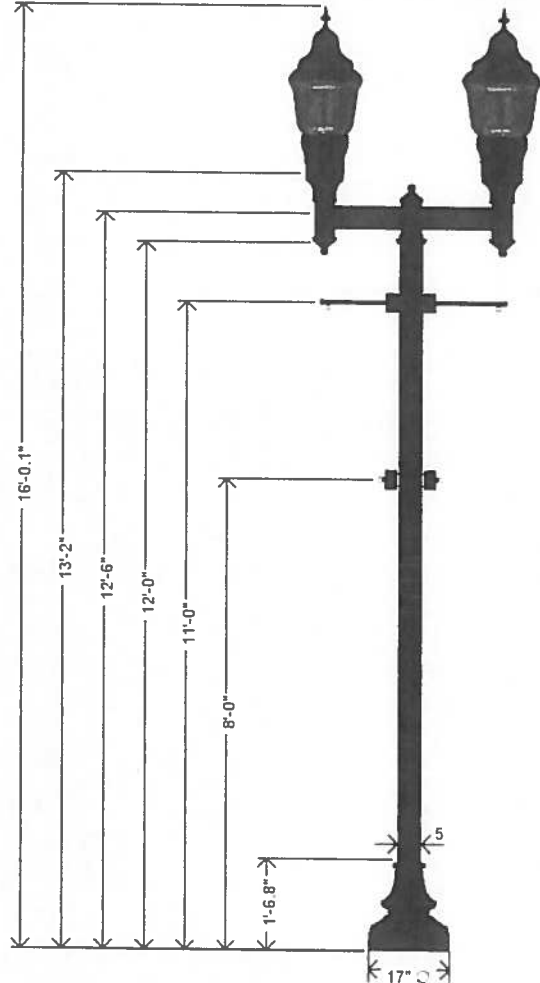
Wadsworth Aluminum Pole
 {WDA 12 F5J 17 P08 ABG BK S132C S132A E96C E96A R132B}
 Prefix: Wadsworth Aluminum Pole
 Height: 12 feet (Actual Height 12'-0")
 Shaft Style: 5 inch diameter Fluted .25 wall
 Base: 17 inch Round Base
 Tenon: 3 X 5 Tenon
 Pole Mounting: Anchor bolts galvanized steel
 Finish: Powder Coat Paint Finish, Black
 GFI Inside Base: None
 Breakaway Kit: None
 Breakaway Kit Finish: None
 Base EPA: 1.62
 Base Weight: 41
 Anchor Bolt: AB-31-4

ACCESSORY

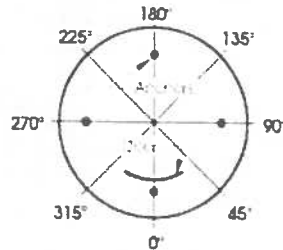
Cast Aluminum Banner Arm, 2@180 arm(s) height Mounted at 11'-0"
 {BA 24 BO H 4 BK T}
 Banner Arm Type: Single Banner Arm With Eyebolt on Post
 Orientation: 2@180
 Eyebolt on Post For Use With SAE Banner: 2@180 Eyebolts on Post
 Arm Length: 24 Inches
 Mounting: Bolt On Banner Arm
 Finial: Half Sphere
 Arm Diameter: 1" Diameter
 Finish: Black
 Banner Options: 2 Eye Bolts For 1" Banner Only
 Scroll: None
 EPA: 3.6
 Weight: 5

Weatherproof Receptacle, Height Mounted at 11'-0"
 {FGIUS_S BK}
 Receptacle Type: Small In-Use Wet Location Cover
 Finish: Black

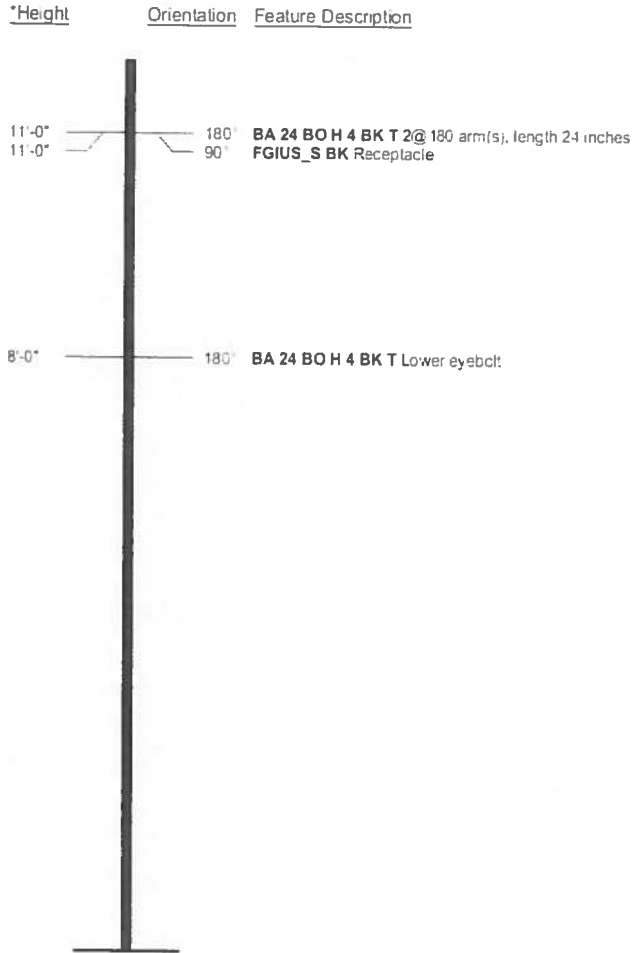
**Wadsworth Aluminum Pole
 Philadelphia 36" Crossarm
 Granville® Premier II LED 2 (GPD2)**



Anchorage/Orientation Plan



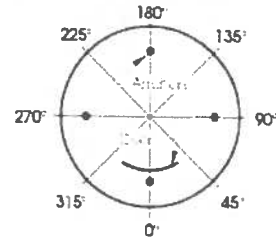
Hand Hole is at 0 deg.

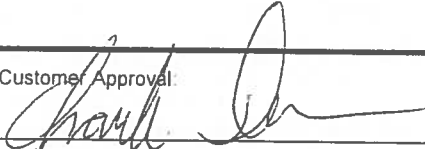


The hand hole is located at zero (0) degrees.
Height from bottom of base / anchor plate.

Post	Height
WDA 12 F5J 17 P08 ABG BK S132C S132A E96C E96A R132B	12'-0"

Anchorage/Orientation Plan



Customer Approval: 
signature _____ date _____

Job Name: Product Basket
Client Name: Charles Dawson
Created By: Gail Fountain Date: 19-Oct-18