



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

Georgia Division

November 21, 2013

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

In Reply Refer To:
HPE-GA

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

Dear Commissioner Golden:

We have reviewed the request to use proprietary items on the Transportation Enhancement Project PI 0010242 located at CS 1178/South Lee St from CS 1138/West Main St to SR 13 in the City of Buford, Gwinnett County.

FHWA accepts the City of Buford's Certification that the following items are necessary for aesthetic and logistic synchronization:

- Brick Pavers: Pine Hall Brick
- Facebrick: Pine Hall Brick
- Tree Grates: Ironsmith
- Pedestrian Light Poles: Hapco
- Pedestrian Light Fixtures: Hapco
- Benches: BRP by Bison
- Trash Receptacles: BRP by Bison
- Bike Racks: BRP by Bison
- Bollards: Sternberg Lighting
- Traffic Sign Frames: Special Lite Products
- Stop Sign Poles: Hapco
- Traffic Sign Poles: Hapco

This approval is only applicable to be used on PI 0010242, in Gwinnet County.

If you have any questions, please contact Kendra Fly at (404) 562-3644.

Sincerely,

 Rodney N. Barry, P.E.
Division Administrator



November 6, 2013

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

Attention: Melinda Roberson

Subject: Proprietary Items Usage - PI # 0010242
Enhancements on CS 1178/South Lee St from CS 1138/West Main St to SR 13
Gwinnett County – City of Buford

Mr. Barry:

Please review the attached request from the City of Buford for the use of proprietary products on the above project. The Department considers the use of the requested proprietary items to be in compliance with 23 CFR 635.411 for the purposes of synchronization with existing facilities within the City of Buford.

Should you have any questions or concerns, please contact Dave Peters at 404-631-1738 or Vinesha Pegram at 404-631-1587.

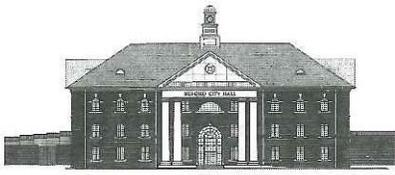
Sincerely,

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

Brent Story, P.E.
State Design Policy Engineer

BAS:drp

Cc: Genetha Rice-Singleton, State Program Delivery Engineer
Attn: Vinesha Pegram, Project Manager



City of Buford

2300 Buford Highway • Buford, Georgia • 30518 • (770) 945-6761 • FAX (770) 932-7976

September 20, 2013

Ms. Vinesha C. Pegram, P.E.
Office of Program Delivery
Georgia Department of Transportation
600 West Peachtree Street, 25th Floor
Atlanta, GA 30308

Re: Request for Use of Proprietary Items
CR 1178/South Lee Street
From CS 113/West Main Street to SR 13
PI No. 0010242, Gwinnett County
City of Buford

Dear Ms. Pegram,

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 facilities, or if it is a unique product for which there is no suitable alternative. For the CR 1178/South Lee Street From CS 113/West Main Street to SR 13 (South Lee Street Pedestrian Improvements), PI 0010242, the following proprietary items are proposed for use:

Brick Pavers

Manufacturer: Pine Hall Brick
Style: English Edge
Color: Full Range
Quantity in Project: 28,120 SF
Total Estimated Cost for Brick Pavers: \$56,240.00

Facebrick

Manufacturer: Pine Hall Brick
Style: Wirecut
Color: Full Range
Quantity in Project: 1,750 SF
Total Estimated Cost for Facebrick: \$3,500.00

Tree Grates

Manufacturer: Ironsmith
Model: Olympian Tree Grate, 4804, Unfinished Iron, 48"x48" with 16" Tree Opening
Quantity in Project: 130
Total Estimated Cost for Tree Grates: \$39,000.00

Pedestrian Light Poles

Manufacturer: Hapco

Style: 13173-P1, 12' Homewood, Breakaway Base Mounted, GFI Receptacle

Color: Black

Quantity in Project: 127

Total Estimated Cost for Pedestrian Light Poles: \$1,030 each = \$130,810

Pedestrian Light Fixtures

Manufacturer: Hadco

Style: S7618A-AB3TNG150SG, Wide Body Type 3 Refractive Globe, Hard Top Cage & Finial

Color: Black

Quantity in Project: 127

Total Estimated Cost for Pedestrian Light Fixtures: \$725 each = \$92,075

Benches

Manufacturer: BRP By Bison

Style: Manchester, MC 103-72-MF, Length 72"

Color: Black

Quantity in Project: 5

Total Estimated Cost for Benches: \$7,500.00

Trash Receptacles

Manufacturer: BRP By Bison

Style: Manchester, MC 404-FT-SM-MF (Raven / Black), 30G Flat Top, Surface-Mount)

Color: Black

Quantity in Project: 5

Total Estimated Cost for Trash Receptacles: \$5,000

Bike Racks

Manufacturer: BRP By Bison

Style: BF U2-02-EM-MF (Raven / Black), Flip-up Bike Rack

Color: Black

Quantity in Project: 2

Total Estimated Cost for Bike Racks: \$1,500

Bollards

Manufacturer: Sternberg Lighting

Style: 4577B-36"-BK, Norwood, 26" Unlit Bollard

Color: Black

Quantity in Project: 20

Total Estimated Cost for Bollards: \$10,000

Traffic Sign Frames

Manufacturer: Special Lite Products

Style: BP-24OCT, BP-30OCT, BP-2424, BP-3030, BP-1218, BP-1824, BP-30-TRI, BP-36-TRI

Color: Black

Quantity in Project: 46

Total Estimated Cost for Traffic Sign Frames: \$11,500

Stop Sign Poles

Manufacturer: Hapco

Style: Homewood Series Sign Pole, B25949

Color: Black

Quantity in Project: 10

Total Estimated Cost for Stop Sign Poles: \$5,000

Traffic Sign Poles

Manufacturer: Hapco

Style: Arlen Series Sign Pole, B25948

Color: Black

Quantity in Project: 36

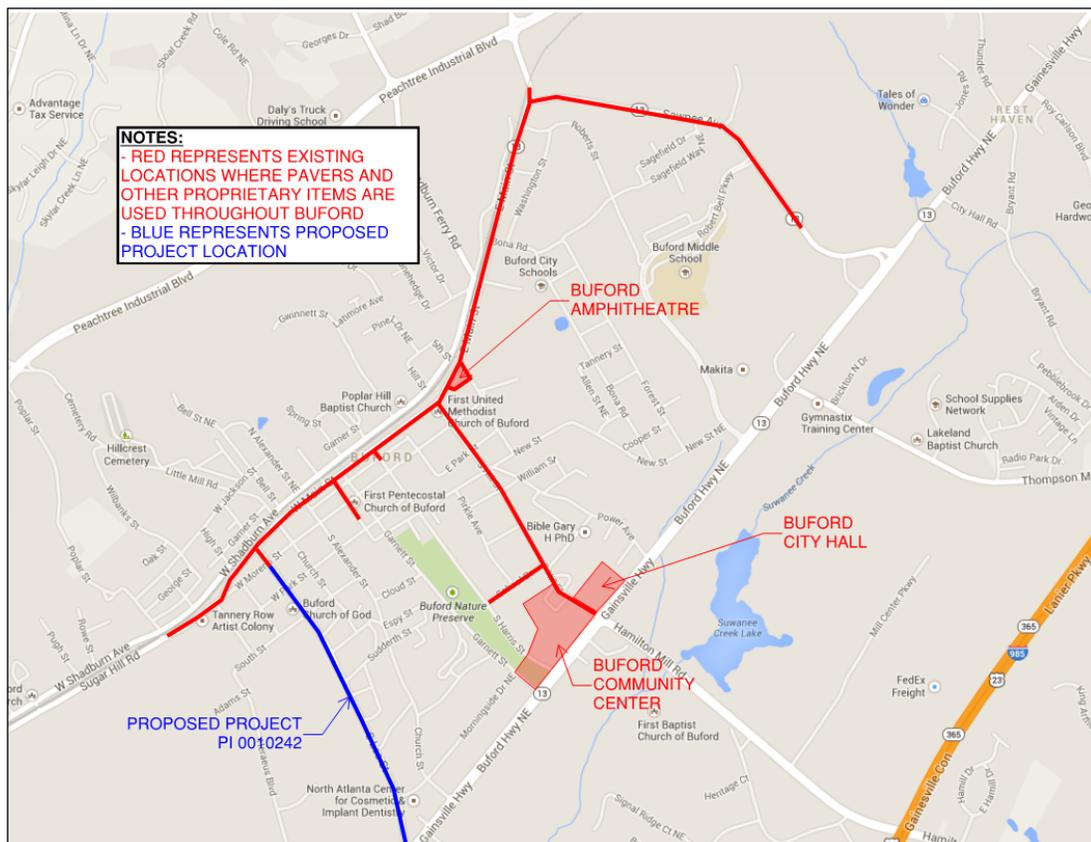
Total Estimated Cost for Traffic Sign Poles: \$18,000

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 \$2,700,000.00. The cost of \$380,125.00 for proprietary items represents 14% of the estimated construction costs.

The City has already constructed over 3.68 miles worth of streetscape projects where these pavers and other proprietary items have been used (see Exhibit 1 below). In addition to the existing 3.68 miles of streetscape improvements, these pavers and other proprietary items have also been used for the construction of the City of Buford Amphitheatre, City of Buford City Hall, and City of Buford Community Center.

Exhibit 1: Map of Existing Paver and Proprietary Item Locations in Buford



The subject project is a connection to other previous streetscape projects in downtown Buford, Georgia (see attached picture). These brick pavers, facebrick, tree grates, pedestrian light poles, pedestrian light fixtures, benches, trash receptacles, bike racks, bollards, traffic sign frames, stop sign poles and traffic sign poles have been previously installed in various other projects around the City of Buford. These products will also be used in all future streetscape enhancement projects in the City of Buford.

The City of Buford certifies that use of these brick pavers, facebrick, tree grates, pedestrian light poles, pedestrian light fixtures, benches, trash receptacles, bike racks, bollards, traffic sign frames, stop sign poles and traffic sign poles are essential for aesthetic synchronization to match the visual appearance of existing facilities previously installed in the city and for compatibility with the City of Buford Design Guidelines.

Most importantly, the City stores these pavers and proprietary items for future maintenance along these streetscape projects. If a new paver material or other proprietary items is introduced for this project, the City of Buford will no longer be able to use their existing stockpiles of materials for replacing broken or damaged items. For example, the City would have to maintain two (2) separate stockpiles of pavers instead of one (1), should pavers need to be replaced or maintained in the future. The City of Buford certifies that the use of the Pine Hall Brick pavers is essential for logistic synchronization for maintenance purposes.

A proprietary items request letter was submitted to FHWA and approved for a previous Transportation Enhancement project in the City of Buford in April 2011 (see attached).

The City of Buford respectfully requests that the use of these proprietary products be approved.

Sincerely,



Bryan Kerlin
City Manager
City of Buford, Georgia



03/12/2012

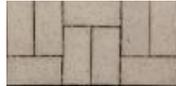
PEDESTRIAN LIGHTS

PAVERS

PI 0010242 - PROPRIETARY ITEMS REQUEST
THE PROPOSED PROJECT (PI 0010242)
STARTS ON THE OTHER SIDE OF THIS
INTERSECTION. AS SHOWN, PROPRIETARY
ITEMS MUST BE USED TO CREATE A
SEAMLESS TRANSITION BETWEEN THE
EXISTING CONDITIONS AND PI 0010242.



English Edge®



English Edge® Accent Gray (SRI>29)
 Click on image for larger view of sample



English Edge® Autumn
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



English Edge® Buff (SRI>29)
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



English Edge® Cocoa Full Range
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



English Edge® Dark Accent
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



English Edge® Full Range
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



English Edge® Ironspot
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



English Edge® Red (SRI>29)
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



English Edge® Rose FR (Recycled Content, SRI>29)
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



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[\[Technical Corner\]](#) | [\[Personal Brick & Fundraising\]](#)
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Classic Series



Burnt Cedar Modular
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Dan River Handcraft Modular (available Queen)
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Dan River Handcraft Oversize
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[Click here to see an example of this product in use](#)



Old Charleston Modular (available Queen)
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Salem Blend Modular
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Salem Blend Oversize
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Stoney River Modular
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Winchester Handcraft Modular
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Wirecut Full Range
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)

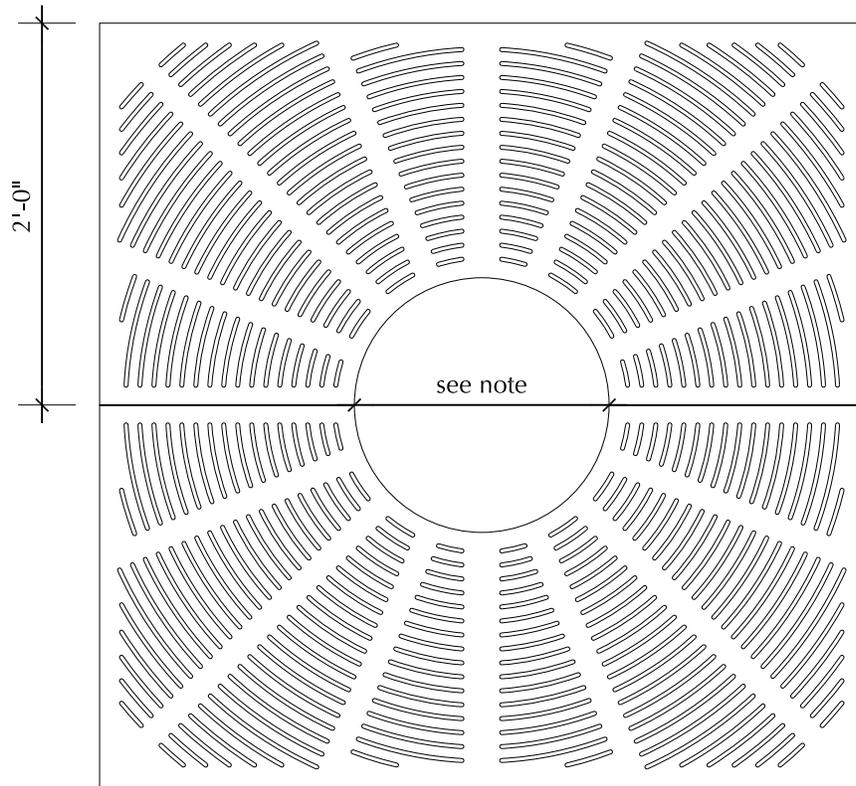


Wirecut Light Range Modular
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)

Return to Facebrick
 Color Selector

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4804
OLYMPIAN TREE GRATE

48" x 48" tree grate in two sections.

1/4 Maximum slot opening for pedestrian safety and A.D.A Compliance.

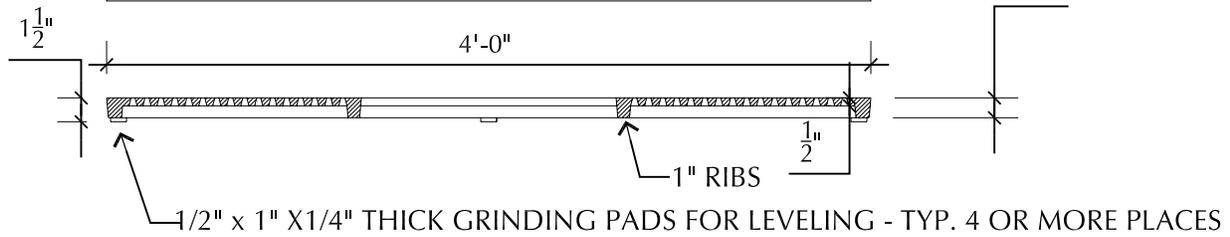
Cast from 100% recycled iron

Tree opening: 16"

Finish: unfinished iron

Use frame model: 4800F
Outer Frame dimension is 3/4" ± 1/8" greater than grate.

Weight:
Iron= 264 lb/ 120 Kg
Aluminum=101 lb/46 Kg



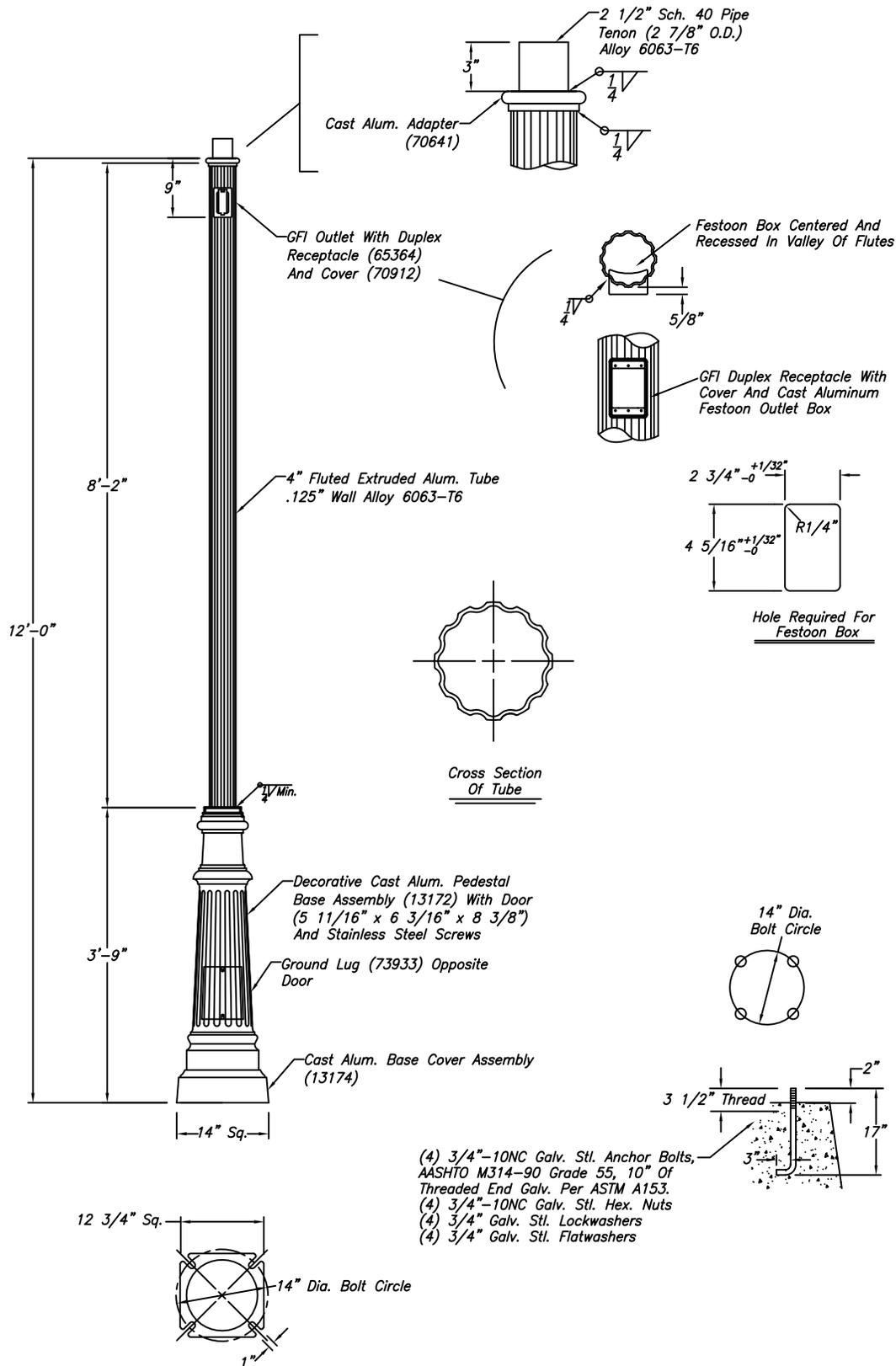
IRONSMITH
41-701 Corporate Way #3
Palm Desert, CA 92260
800.338.4766

TREE GRATE SPECIFICATIONS

N.T.S.

Note:

This pole meets the requirements of AASHTO "Standard Specifications for Structural, Luminaires and Traffic Signals", 1994 and 2001 Editions per FHWA acceptance letter LS-74 which can be found at: "http://safety.fhwa.dot.gov/roadway_dept/road_hardware/breakaway/pdf/l74.pdf"



B13173

WARNING: DO NOT INSTALL LIGHTING POLES WITHOUT LUMINAIRES

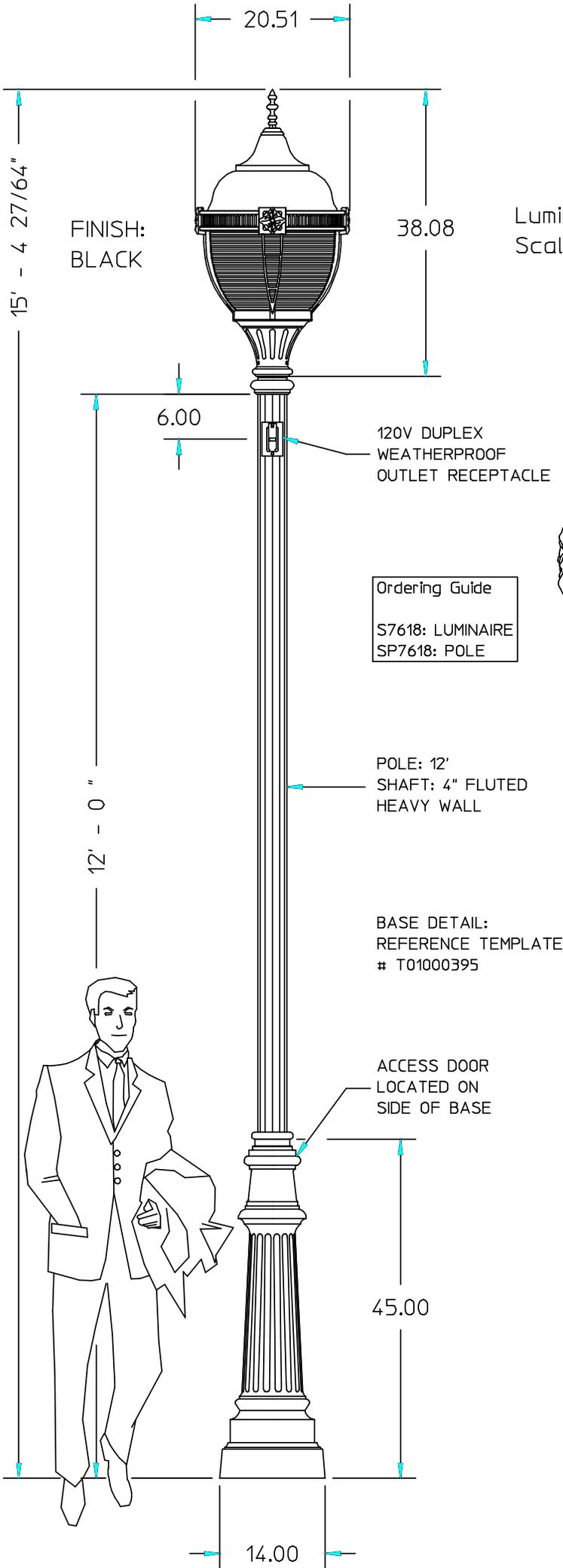
NO.	REVISIONS	DATE

hapco
Abingdon, Va.

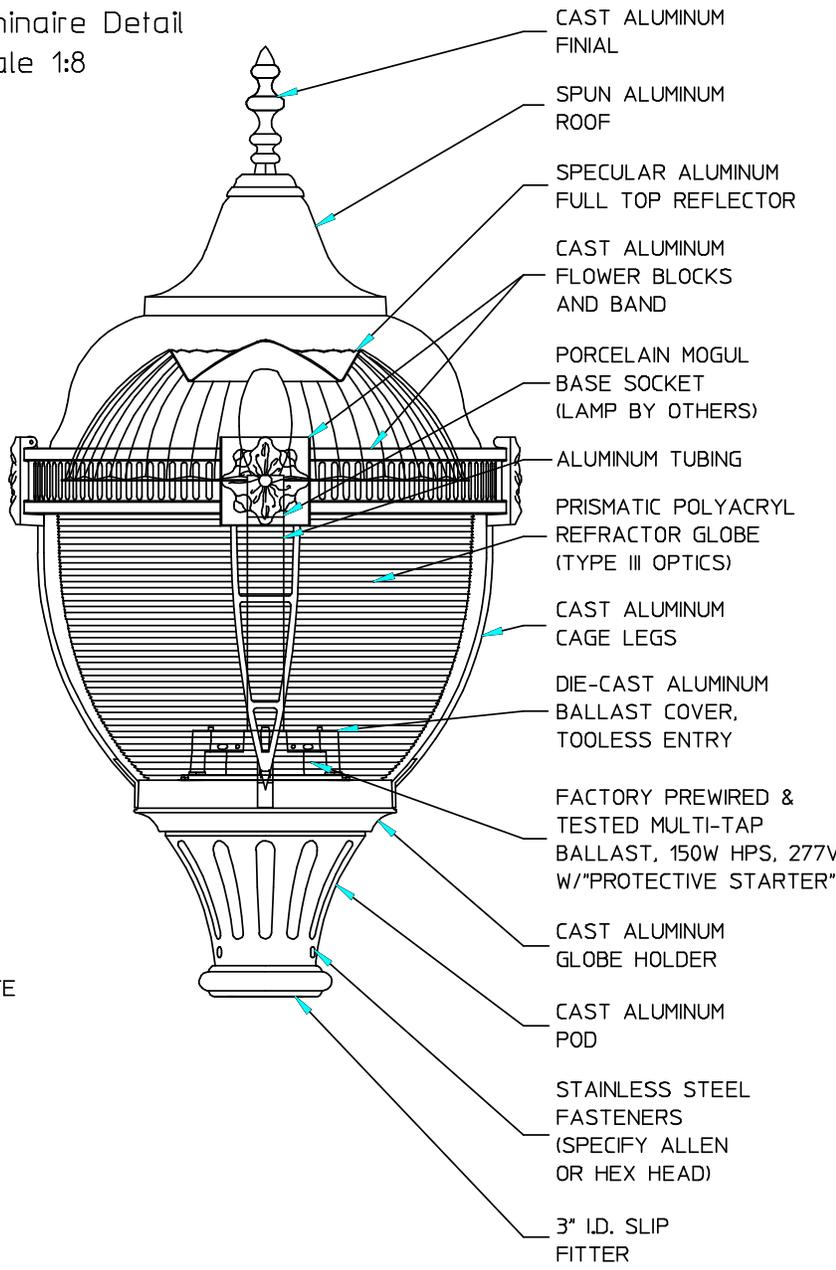
TITLE 12' DECORATIVE LIGHT POLE	
CUSTOMER City Of Buford	
SCALE 16	DATE 12/04/2007
BY TNB	DWG. NO.
CHK'D	B13173

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PRODUCT APPROVALS	
HADCO	
CUST.	



Luminaire Detail
Scale 1:8



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<p>HADCO[®] -Established 1953- Celebrating 50 Years of Excellence</p> <p>GENLYTE THOMAS</p>		<p>100 Craftway P.O. Box 128 Littletown, Pennsylvania 17340-0128 Phone 717-359-7131 Fax 717-359-9515 www.hadcolighting.com</p>	
JOB NAME:		REP. TERRITORY:	
<p><i>City of Buford</i></p>			
SCALE:	DATE:	DRAWN BY:	DRAWING NUMBER:
1:20	04/16/01	TAG	S7618-DWG01
REP:	REV:	PCN:	
	B	03-215	
	BY: TAG	DATE:	07.01.04



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603 L STREET
LINCOLN, NE 68508
PHONE: (888) 438-5311
FAX: (888) 438-5312
WWW.BRPBYBISON.COM
INFO@BRPBYBISON.COM

SERIES: MANCHESTER BENCH, 72" ARCH-BACKED
SERIET: MC 103-72-MF (RAVEN / BLACK)

MATERIALS:

SEAT STRAPS: $\frac{1}{4}$ " x $1\frac{1}{2}$ " STEEL FLAT BAR

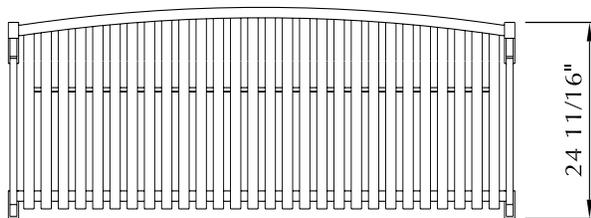
STRAP SUPPORTS: $\frac{1}{4}$ " x $1\frac{1}{2}$ " STEEL FLAT BAR

PIPE SUPPORTS: 1.315" O.D. x 0.133" WALL SCHEDULE 40 STEEL PIPE

END UNITS: 1" x 1" SQUARE STEEL BAR

SURFACE MOUNTED PLATES: 1 1/2" X 3 1/2" X 1/4" STEEL PLATE WITH 9/16" Ø HOLES

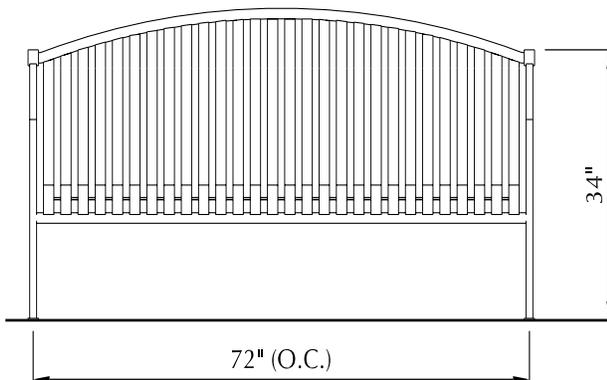
MOUNTED WITH FOUR (4), CUSTOMER SUPPLIED, 1/2" Ø X 4-5" STAINLESS STEEL ANCHOR BOLTS



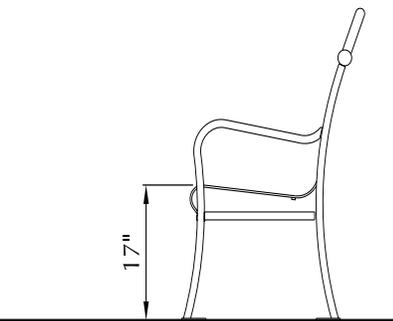
TOP VIEW

NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. CENTER ARM REST CAN BE ADDED AT NO ADDITIONAL CHARGE BY SPECIFYING ZARMR.



FRONT VIEW



SIDE VIEW



BENCH

N.T.S.



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LINCOLN, NE 68508
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FAX: (888) 438-5312
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INFO@BRPBYBISON.COM

SERIES: MANCHESTER TRASH RECEPTACLE (30G FLAT TOP, SURFACE-MOUNT)
MODEL: MC 404-FT-SM-MF (RAVEN / BLACK)

MATERIALS:

VERTICAL STRAPS: 5/16" X 1 1/2" STEEL FLAT BAR

TOP RING: 5/8" ϕ STEEL ROUND BAR

STRAP RINGS: 1/4" X 1 1/2" STEEL FLAT BAR

30 GALLON RIGID PLASTIC LINER (INCLUDED)

LID: 20 3/8" X .083" WALL STEEL LID

BASE SUPPORT MATERIALS:

CROSS SUPPORTS: 1/2" X 1" STEEL FLAT BAR

SUPPORT POST: 3 1/2" O.D. X 0.216" WALL SCHEDULE 40 STEEL PIPE

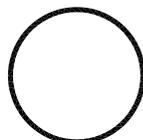
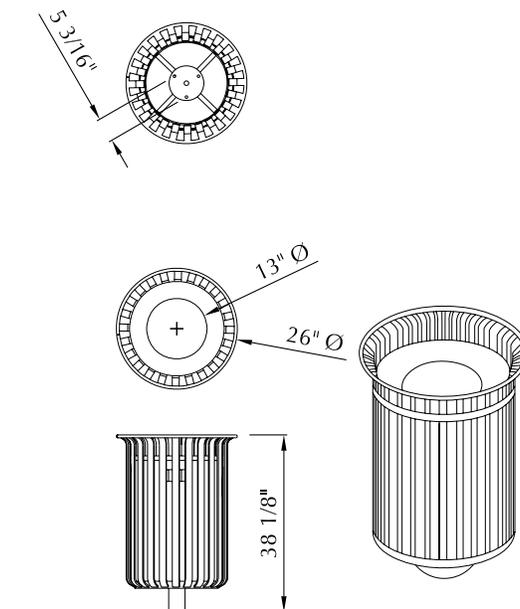
SURFACE MOUNT PLATE: 7 1/2" ϕ X 1/4" STEEL FLAT MOUNTING PLATE WITH 9/16" ϕ HOLES

MOUNTED WITH THREE (3), CUSTOMER SUPPLIED, 1/2" ϕ 4-5" STAINLESS STEEL ANCHOR BOLTS

NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION^c

BOTTOM VIEW



LITTER RECEPTACLE

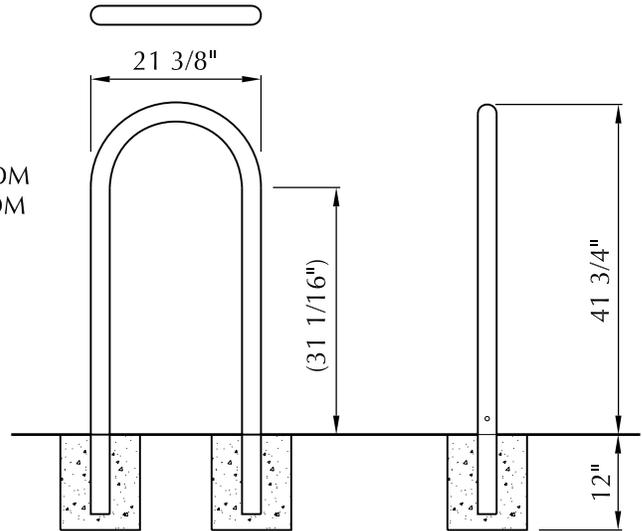
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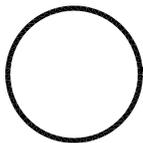
SERIES: FLIP-UP BIKE RACK
MODEL: BF U2-02-EM-MF (RAVEN / BLACK)

MATERIALS:
2-3/8" OD X .154" WALL SCH 40
STRUCTURAL STEEL PIPE FRAME



NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.



BICYCLE RACK

N.T.S.

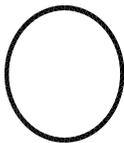
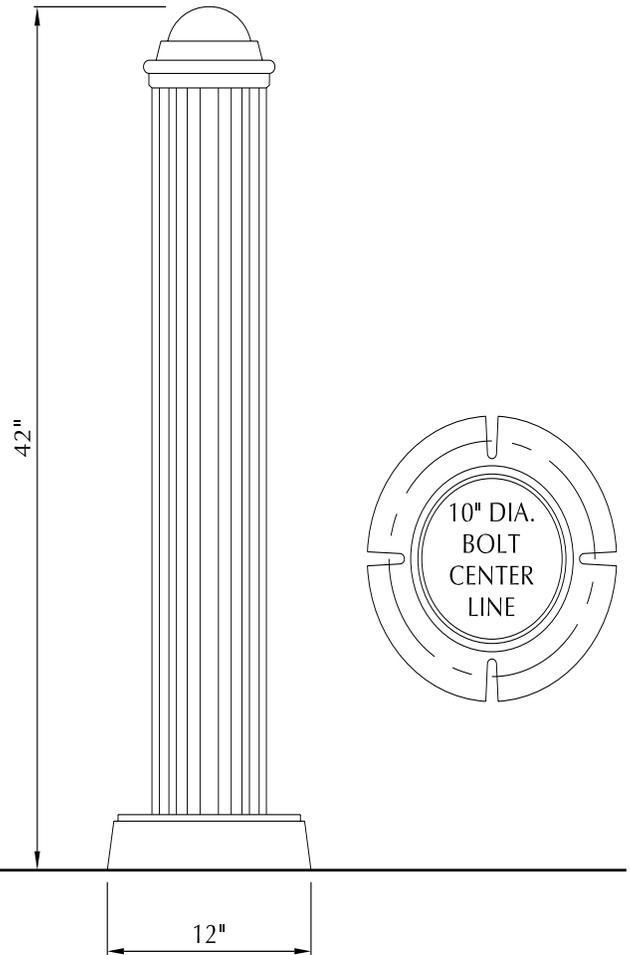
STERNBERG
LIGHTING

STERNBERG LIGHTING
555 LAWRENCE AVE.
ROSELLE, IL 60172
PHONE: (800) 621-3376
FAX: (847) 588-3440
WWW.STERNBERGLIGHTING.COM

SERIES: NORWOOD, 36" UNLIT BOLLARD
MODEL: 4577B-36"-BK
MATERIALS:
CAST ALUMINUM

NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.



BOLLARD

N.T.S.

Home

Decorative Traffic Signage

Signage Families

Signage Components

Poles & Bases

Post Toppers

Street Sign Mounting

Sign Frames & Plates

Signs & Blades

Wayfinding Signage

Bollards

Address Plaques

Customize Your Signage

Commercial Lighting

Outdoor Lighting

Mailboxes

Lighting Families

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Blog

TRAFFIC SIGN FRAMES & PLATES

Visual harmony adds to the appeal of your Master Planned Community. Coordinate your traffic and directional signage with your outdoor lighting and residential mailboxes. Turn your housing plan into a detail oriented, upscale development with traffic sign frames and back plates for a custom street signage system.

Find [brackets and mounting hardware](#), including [vandal proof bolts](#), for these frames and plates. Special Lite Products also sells [DOT Traffic signs](#) as well as [custom directional signage](#).

The image on the right shows the effective use of coordination in a master planned community. The traffic sign, mounted in a frame, is on a post that coordinates with the nearby light post, adding curbside appeal to the neighborhood.



Traffic Sign Back Plates

[CLICK TO SEE LARGER IMAGES](#)



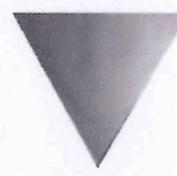
24" is BP-24OCT
30" is BP-30OCT



24"x24" is BP-2424
30"x30" is BP-3030



12"x18" is BP-1218
18"x24" is BP-1824



30" is BP-30-TRI
36" is BP-36-TRI

Find something you like? Learn [how to buy](#) our products.

Measurements for the back plates are for the sign blade going onto the back plate. Back plates are oversized to provide a 1" wide border on all sides. For example, BP-24OCT is actually 26" wide, allowing for a 1" border around a 24" octagonal sign. The traffic back plates come undrilled for custom mounting.

To order a custom back plate, use the item number followed by the height and width you need for your custom sign application. For example to order back plate for a 15"x30" sign, the item number would be BP-1530.

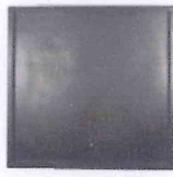
[Return to Top](#)

Traffic Sign Frames

[CLICK TO SEE LARGER IMAGES](#)



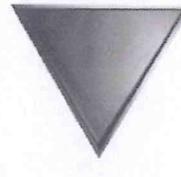
24" is SF-24OCT
30" is SF-30OCT



24"x24" is SF-2424
30"x30" is SF-3030



12"x18" is SF-1218
18"x24" is SF-1824



30" is SF-30-TRI
36" is SF-36-TRI

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The measurements shown are for the sign blade going into the frame. Sign frames have a 1" raised framed edge on all sides. The sign frames come undrilled for custom mounting.

Signage Families

- [Vista Signage](#)
- [Classic Signage](#)
- [Main Street Signage](#)
- [Town Square Signage](#)

DOT Traffic Signs

Special Lite Products offers both Engineer Grade and High Intensity Prismatic blades for a large variety of [DOT Traffic Signage](#).

Custom Directional Signage

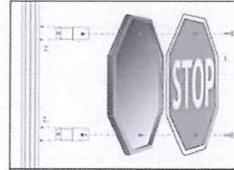
A [coordinating signage and way finding system](#) is an effective way to create a distinct image for your community.

Special Lite Products creates what you need for your community.



To order a custom sign frame, use the item number SF followed by the height and width of the sign. For example, to order a frame for an 18"x30" sign, the item number would be SF-1830.

Find [brackets and mounting](#) hardware, including [vandal proof bolts](#), for these frames and plates.



[Return to Top](#)

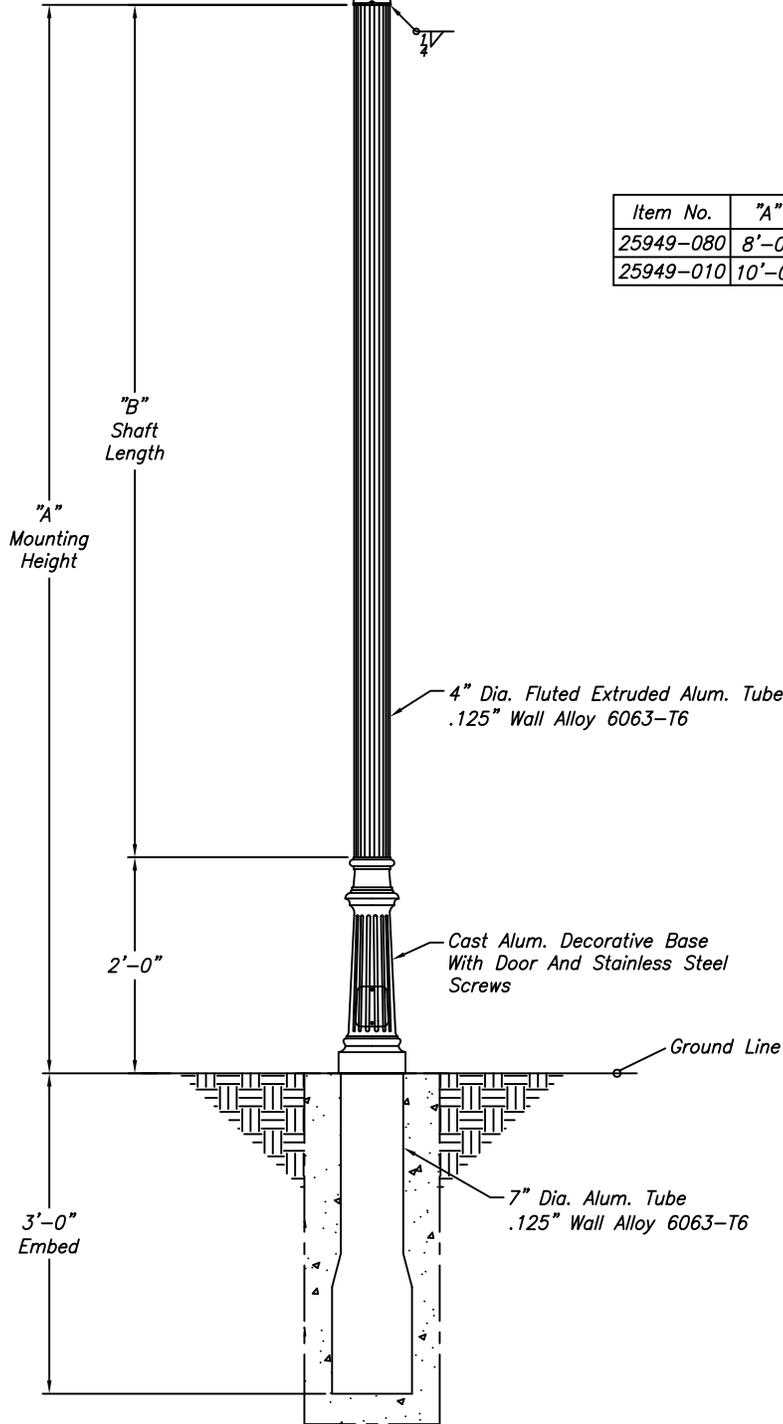
Decorative Traffic Signs • Commercial and Residential Lighting • Curbside and Residential Mailboxes
Custom Street Signs • Decorative Signage • Outdoor Lamp Posts • Outdoor Lighting Fixtures • Decorative Mailboxes • Mailbox Post Designs

1634 Latrobe-Derry Road • Loyahanna, PA 15661

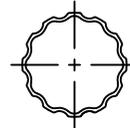
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Cast Alum. Pole Cap
Assembly With Stainless
Steel Screws Welded To
Shaft



Item No.	"A"	"B"
25949-080	8'-0"	6'-0"
25949-010	10'-0"	8'-0"



Cross Section
Of Flutes

4" Dia. Fluted Extruded Alum. Tube
.125" Wall Alloy 6063-T6

Cast Alum. Decorative Base
With Door And Stainless
Screws

Ground Line

7" Dia. Alum. Tube
.125" Wall Alloy 6063-T6

3'-0"
Embed

2'-0"

"B"
Shaft
Length

"A"
Mounting
Height

B25949

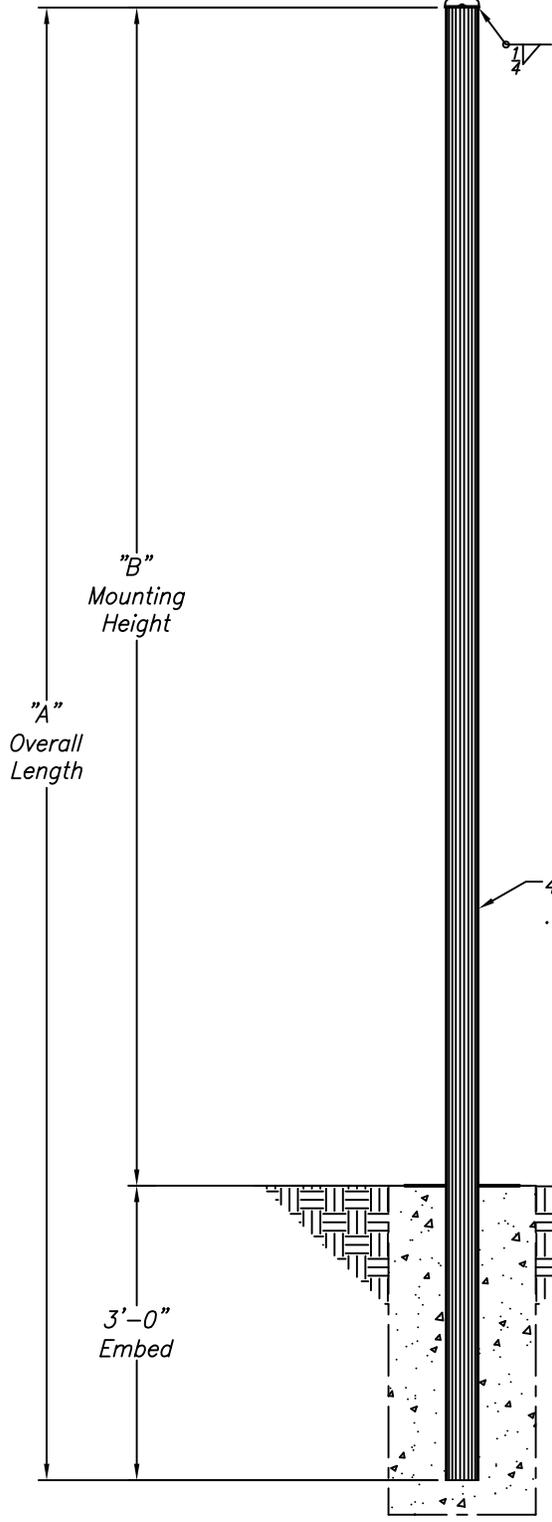
WARNING: DO NOT INSTALL LIGHTING POLES WITHOUT LUMINAIRES

NO.	REVISIONS	DATE

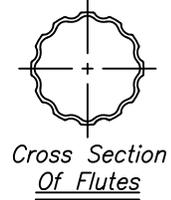
hapco
Abingdon, Va.

TITLE <i>HOMEWOOD SERIES SIGN POLE</i>	
CUSTOMER <i>City of Buford, GA</i>	
SCALE <i>12</i>	DATE <i>06/15/2011</i>
BY <i>TNB</i>	DWG. NO.
CHK'D	<i>B25949</i>

Cast Alum. Pole Cap
Assembly With Stainless
Steel Screws Welded To
Shaft



Item No.	"A"	"B"
19279-005	8'-0"	5'-0"
19279-006	9'-0"	6'-0"
19279-007	10'-0"	7'-0"
19279-008	11'-0"	8'-0"



4" Dia. Fluted Extruded Alum Tube
.125" Wall Alloy 6063-T6

Ground Line

3'-0"
Embed

B25948

WARNING: DO NOT INSTALL LIGHTING POLES WITHOUT LUMINAIRES

NO.	REVISIONS	DATE

hapco
Abingdon, Va.

TITLE ARLEN SERIES SIGN POLES	
CUSTOMER City of Buford, GA	
SCALE 16	DATE 06/15/2011
BY TNB	DWG. NO.
CHK'D	B25948

Vance C. Smith, Jr., Commissioner



GEORGIA DEPARTMENT OF TRANSPORTATION

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

April 14, 2011

Mr. Rodney Barry, P.E., Division Administrator
Federal Highway Administration
61 Forsyth Street, Suite 17T100
Atlanta, Georgia 30277
Attention: R. Angel Correa

Subject: CSTE -0009-00(069), PI 0009069
Gwinnett County, City of Buford
Historic Downtown Buford Streetscape - Phase V
Proprietary Items Usage

Dear Mr. Barry:

Please find attached a letter from the City of Buford requesting approval to utilize proprietary goods on the above referenced Transportation Enhancement (TE) project. The Department considers proprietary goods, as requested by the City of Buford, to comply with 23 CFR 635.411.

The items requested represent approximately 14% (\$127,000.00) of the total estimated construction cost of \$900,000.00.

Please review the request and, if approved, please provide the Department a determination with your concurrence allowing the City of Buford to utilize these goods.

If you have any questions or need additional information, please feel free to contact Jeanne Kerney at (404) 631-1982.

Sincerely,

Handwritten signature of Bobby K. Hilliard in blue ink.

Bobby K. Hilliard, P.E.
State Program Delivery Engineer

CONCURRENCE:

Handwritten signature of Rodney Barry in blue ink.

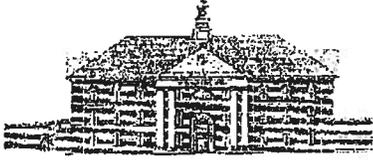
Rodney Barry, P.E., FHWA Division Administrator

DATE:

4/19/2011

BKH:jmk

cc: Ron Wishon, Engineering Services
Jeanne Kerney, P.E., Moreland Altobelli Associates, Inc.



City of Buford

2300 Buford Highway • Buford, Georgia • 30518 • (770) 945-6761 • FAX (770) 932-7976

April 4, 2011

Ms. Jeanne Kerney
Project Manager
Moreland Altobelli Associates, Inc.
2211 Beaver Run Road, Suite 190
Norcross, GA 30071

RE: Use of Proprietary Items for CSTE-0009-00(069)
PI 0009069, Gwinnett County
Historic Downtown Buford Streetscape – Phase V

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 facilities, or if it is a unique product for which there is no suitable alternative. For the City of Buford Downtown Streetscape Project, CSTE-0009-00(069), the following proprietary items are proposed for use:

Brick Pavers

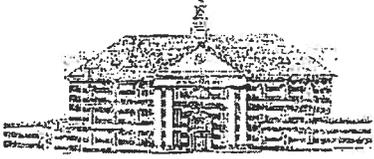
Manufacturer: Pine Hall Brick
Style: English Edge
Color: Full Range
Quantity in Project: 10,513 SF
Total Estimated Cost for Brick Pavers: \$100,000.00

Facebrick

Manufacturer: Pine Hall Brick
Style: Wirecut
Color: Full Range
Quantity in Project: 325 SF
Total Estimated Cost for Facebrick: \$6,500.00

Benches

Manufacturer: BRP Enterprises
Style: MC 103-72-MF
Color: Black
Quantity in Project: 11
Total Estimated Cost for Benches: \$5,500.00



City of Buford

2300 Buford Highway • Buford, Georgia • 30518 • (770) 945-6761 • FAX (770) 932-7976

Paver-Grate Tree Grates

Manufacturer: Ironsmith

Model: 4120

Quantity in Project: 30

Total Estimated Cost for Paver-Grate Tree Grates: \$15,000.00

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 \$900,000.00. The cost of \$127,000.00 for proprietary items represents 14% of the estimated construction costs.

The subject project is the fifth phase of a series of streetscaping projects in downtown Buford, Georgia. These brick pavers, facebrick, and benches have been installed in the previous four phases and various other projects around the City of Buford. These products will also be used in all future streetscape enhancement projects in the City of Buford.

The City of Buford certifies that use of these brick pavers are essential for aesthetic synchronization to match the visual appearance of existing facilities previously installed in the city and for compatibility with the City of Buford Design Guidelines.

The Paver-Grate Tree Grate is a unique, patented product in which no suitable alternative exists. This product allows pavers to be placed adjacent to a street tree, in the area that would traditionally be occupied by the traditional tree grate. The City of Buford would like to use this product as it will allow for wider, accessible pedestrian routes and a cleaner look than would be available without the use of this product.

The City of Buford respectfully requests that the use of these proprietary products be approved.

Sincerely,

Bryan Kerlin
City Manager
City of Buford, Georgia



Pine Hall Brick

Since 1922

Classic Series



Burnt Cedar Modular
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Dan River Handcraft Modular (available Queen)
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Dan River Handcraft Oversize
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Old Charleston Modular (available Queen)
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Salem Blend Modular
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Salem Blend Oversize
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Stoney River Modular
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Winchester Handcraft Modular
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Wirecut Full Range
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)



Wirecut Light Range Modular
 Click on image for larger view of sample
[Click here to see an example of this product in use](#)

[Return to Facebrick Color Selector](#)

"We're Easy To Do Business With."

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Pine Hall Brick
Since 1922

English Edge®



English Edge® Accent Gray (SRI>29)
Click on image for larger view of sample



English Edge® Autumn
Click on image for larger view of sample
[Click here to see an example of this product in use](#)



English Edge® Buff (SRI>29)
Click on image for larger view of sample
[Click here to see an example of this product in use](#)



English Edge® Cocoa Full Range
Click on image for larger view of sample
[Click here to see an example of this product in use](#)



English Edge® Dark Accent
Click on image for larger view of sample
[Click here to see an example of this product in use](#)



English Edge® Full Range
Click on image for larger view of sample
[Click here to see an example of this product in use](#)



English Edge® Ironspot
Click on image for larger view of sample
[Click here to see an example of this product in use](#)



English Edge® Red (SRI>29)
Click on image for larger view of sample
[Click here to see an example of this product in use](#)



English Edge® Rose FR (Recycled Content, SRI>29)
Click on image for larger view of sample
[Click here to see an example of this product in use](#)

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 603 L Street
 Lincoln, NE 68508
 Phone: (888) 438-5311
 Fax: (888) 438-5312
 www.brpbybison.com
 info@brpbybison.com

SELECT DESIRED MODEL

MC103-72

SELECT DESIRED COLOR

STANDARD COLORS

RAVEN (BLACK)

GLACIER (WHITE)

HUNTER (DARK GREEN RAL 6012)

PEWTER (SILVER VIEN)

OTHER _____

SEMI STANDARD COLORS (ADDITIONAL COST)

HUSKER (RED)

EGGSHELL (IVORY)

PENNY (COPPER VIEN)

OTHER _____

CUSTOM COLORS (ADDITIONAL COST)

SPECIFY RAL # _____

MATERIALS:

SEAT STRAPS: 1/4" X 1 1/2" STEEL FLAT BAR

STRAP SUPPORTS: 1/4" X 1/2" STEEL FLAT BAR

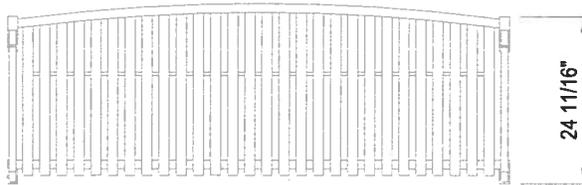
PIPE SUPPORTS: 1.315" O.D. X 0.133"

WALL SCHEDULE 40 STEEL PIPE

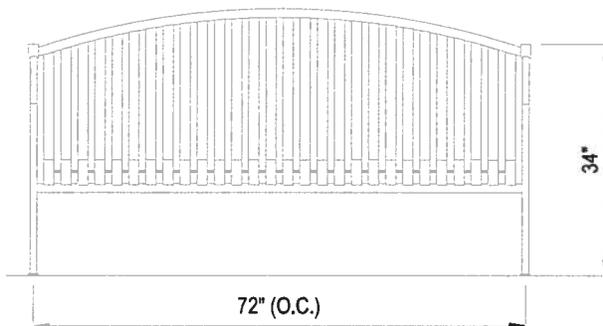
END UNITS: 1" X 1" SQUARE STEEL BAR

SURFACE MOUNTED PLATES: 1 1/2" X 3 1/2" X 1/4" STEEL
 PLATE WITH 9/16" Ø HOLES

MOUNTED WITH FOUR (4), CUSTOMER SUPPLIED, 1/2" Ø X
 4-5" STAINLESS STEEL ANCHOR BOLTS

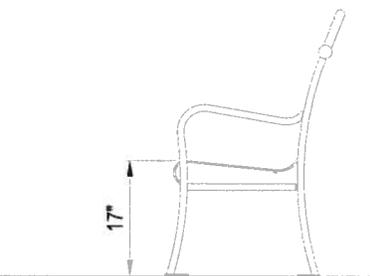


TOP VIEW



FRONT VIEW

72" (O.C.)

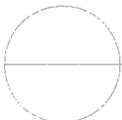


SIDE VIEW

17 1/2" (O.C.)

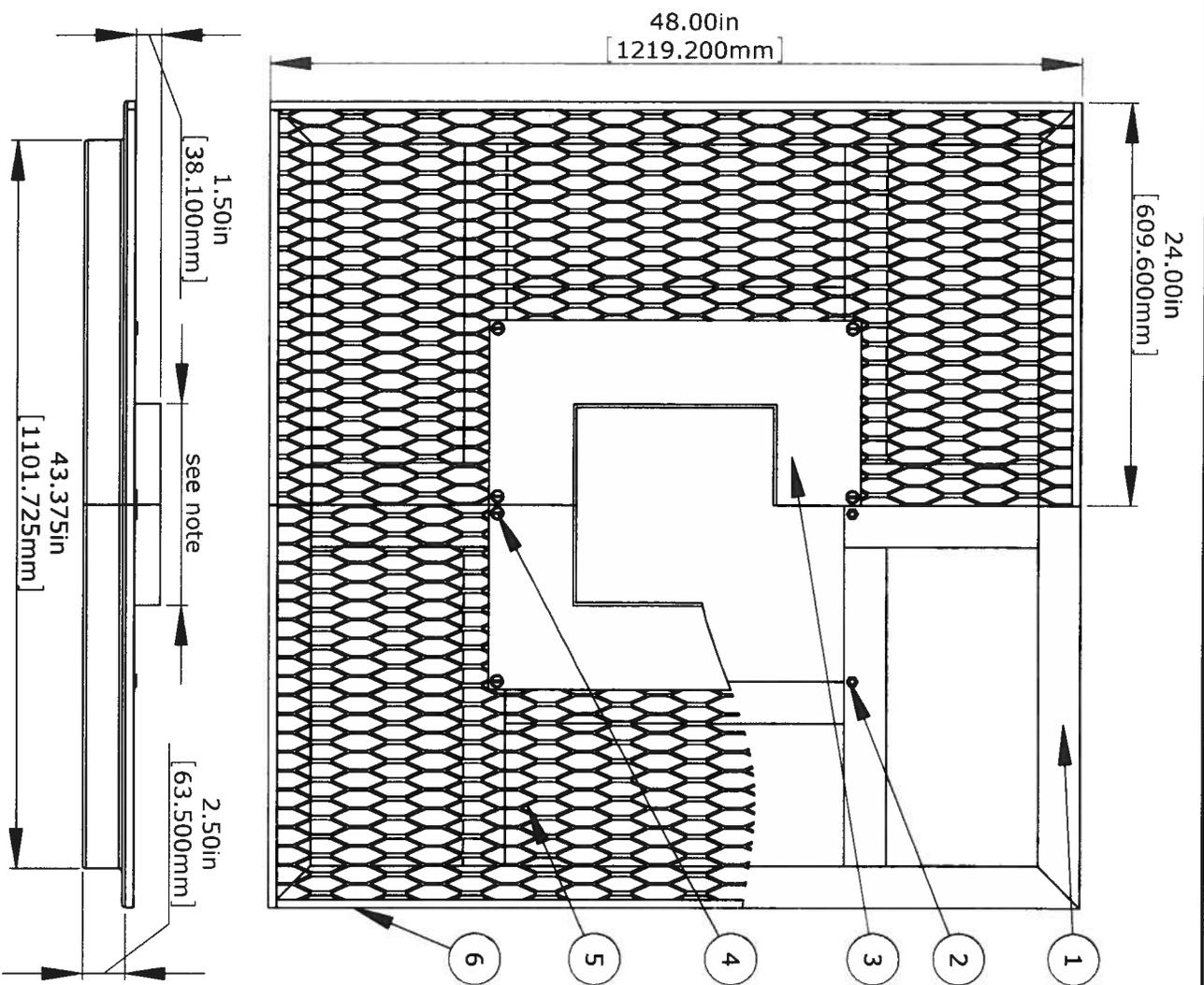
NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.
3. CENTER ARM REST CAN BE ADDED AT NO ADDITIONAL CHARGE TO 72" AND 96" BENCHES BY SPECIFYING ZARMR.



MANCHESTER ARCH BACKED BENCH

MC103-72



NO.	PARTS
1	Sub-Frame
2	3/8" Nut
3	12" Tree Insert
4	3/8" SS Screw
5	#3 Grating
6	1/2" Square Bar

4120
Paver-Grate (tm)

48" x 48"
Paver-Grate.

From 2-1/2" x 2-1/2"
x3/16" Mild Steel
Angle. 1/2" square
bar perimeter trim.

Top Panel from #3
structural steel
catwalk grating.

Tree Opening:
12", 20"

Custom sizes
available upon
request. Check with
design department
when requesting
custom tree
openings.

Tree well size:
44" x 44"

Finish: Galvanized

Weight: 165lb/75Kg

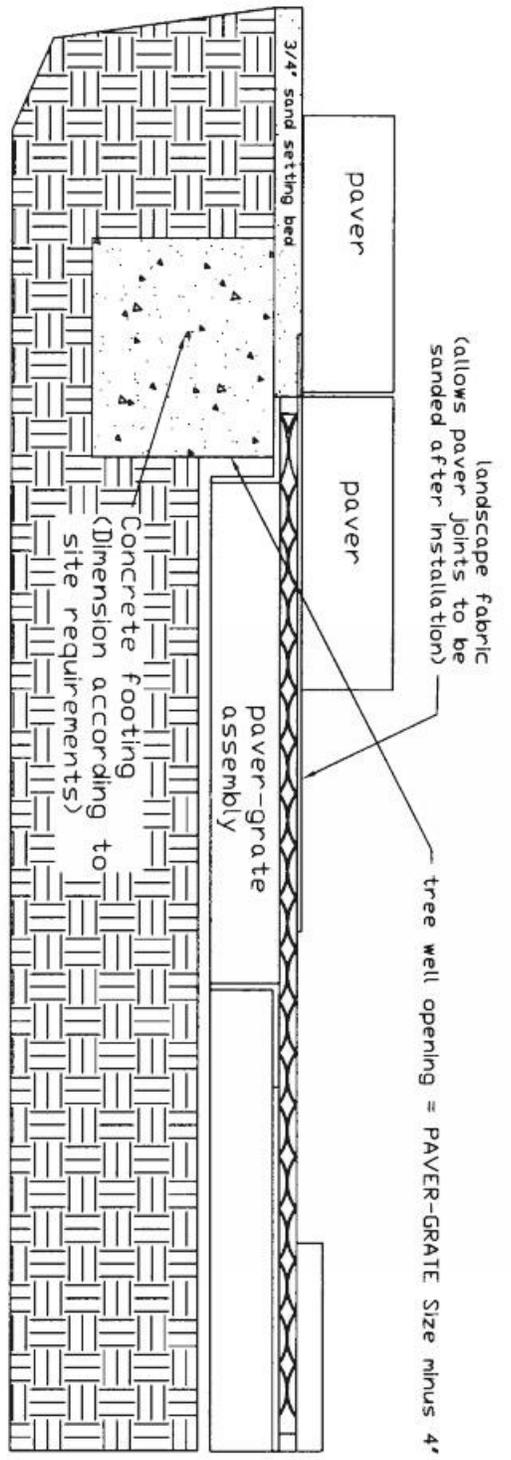
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Patent #5,787,637

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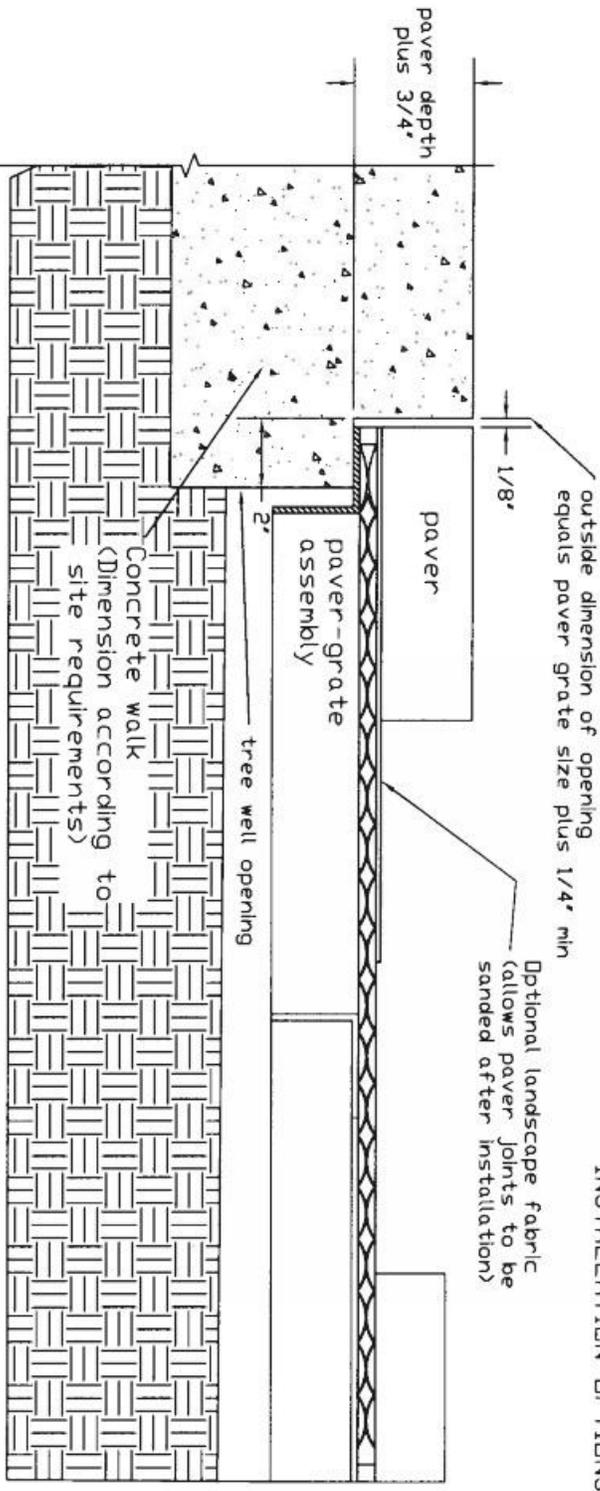
IRONSMITH
41-701 Corporate Way #3
Palm Desert, CA 92260
(800) 338-4766
(760) 776-5080 Fax

**PAVER-GRATE (TM)
INSTALLATION
DETAILS**

If using a mechanical compactor after paver installation avoid Paver-Grate area.



INSTALLATION OPTIONS



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