

Northville DDA Design Committee Meeting

Monday, August 13, 2018 Meeting Room A – 3:00 pm

Meeting Agenda

1. June Meeting Minutes (Attachment 1)
2. 2018 Committee Projects:
 - A. Banners – Lori Ward
 - i. Street Light Banner Hardware – Partnership with Chamber
 - ii. Cross Street Banners (Attachment 2.A.ii)
 - iii. American Flags and Poles (Attachment 2.A.iii)
 - B. Piano in Old Church Square – Suzie Cozart
 - C. Downtown Murals – Chuck Murdoch
3. Prioritize Projects (Attachment 3)
4. Secondary Streetscape Design Standards
 - A. Review and Approval (Attachment 4.A)
5. Next Meeting – September 10, 2018
6. Adjourned

Northville DDA – Design Committee

MEETING MINUTES

June 11, 2018

Prior to the meeting: Brief discussion about the Commissions/Boards training session held by the City on June 7. All sub-committees must follow Open Meetings Act and be prepared for Freedom of Information Act requests. Lori will make sure all sub-committee meetings receive proper public notice. Chuck volunteered to take/prepare minutes.

Meeting Called to Order: At 3:12pm

Meeting Attendance: Lori Ward, Robert Miller, Alan Somershoe, Fred Sheill, Carol Maise, Chuck Murdoch

Bike Racks and Bike Repair Station:

- Responsibility for the bike repair station has been removed from this committee, as the Eagle Scout will be locating it outside the DDA boundary, at the Hines Park Trailhead on the south side of Seven Mile Rd. Mark Gasche, Parks & Rec, will assist.
- Twenty single hoop bike racks and three multi-loop racks will be recommended for purchase at a future DDA Board meeting. Total purchase expense (not including installation) is estimated to be about \$3800, in the 2018/19 budget year.
- It was agreed to recommend to the DDA Board, that the damaged existing bike rack be replaced. Also, existing bike racks which are pushed up against a wall (therefore unusable) in front of City Hall should be relocated.
- Also, based on a question, Lori explained that the newspaper racks near Poole's have been removed. Also, the old newspaper racks near 120 E Main have been removed and will be replaced with a new, smaller version.

Street Light Banner Hardware:

- Some of the banner hardware has been repaired, thanks to a volunteer.
- We've realized that banners are being made to various sizes, which not all the hardware types can accommodate. We need to pick a common set of hardware for ease of installation. Also, we need to standardize the size of the banners – Chamber will recommend a size.
- Lori will order additional banner arms to replace those that are missing or too damaged to use.

Cross Street Banners:

- We still need to confirm minimum banner height requirements for crossing a street. One suggestion is to find out the height of the lowest street light in town (or standards for street lights).
- Top priority locations are: Cady/Center, and Griswold/~~and~~ Main. Additional banners may be at: Main/Wing, and Center/Dunlap. Approximate costs are \$7500 material (not installation) for each location.
- Lori will investigate an approximate cost for a single banner and a set of four banners. We need to determine if out typical users will be willing to pay such a cost for an event. Are four banners too much? What would we be willing to spend on banners for a major event (like Heritage Festival)?
- Also, the DPW is starting to charge labor and materials for all work performed downtown, like installing banners for us. This may affect our ability to do these programs.
- Will these banners alleviate the need for messaging on our five "Welcome" signs entering town? Can the welcome signs be improved as a result of the banners?

- Lori will continue to investigate. We will not make any recommendations to the DDA Board at this time.

American Flags and Poles:

- The existing flags are getting very tired looking. We need approximately 200 new flags and 17 new poles. Going rate for a polyester flag is about \$35 apiece. This purchase would require a competitive bid, which will slow the process.
- It's doubtful we could have new flags in hand by July 4th. Robert suggested contacting Rocket Enterprise – they are full service, including installation – they made be able to do everything prior to July 4th.
- Suggestion was made to buy only 100 flags and space them out – fewer good flags may be better than many poor looking flags.
- Lori will keep investigating alternatives.

Piano in Old Church Square (Suzie):

- Suzie provided a project update by e-mail. We weren't sure about a few things, so Robert will contact Suzie. How do the games contracted with Village Workshop fit into the project?
- We would prefer the piano be painted professionally. Keep going with artist competition idea.
- Perhaps Tessa can attend our next meeting to discuss.

Downtown Murals (Chuck):

- Chuck provided a quick summary. DIA Inside/Outside (loan) Program, which we've done in prior years is over for 2018. Applications for 2019 are due in September. Chuck will fill out the application. On-line search showed no other museum in the state has such a program, as an alternative.
- Discussion about murals for the side of the build -- either Long building on East Main or the side other Lucy & The Wolf. Chuck will continue to investigate.

Ford Field:

- This project is an all-encompassing rethinking of what Ford Field should be, and what physical changes to improve it. All we have now is a ten-year old concept drawing.
- Long discussion about the fact that no major events have been held in Ford Field this year, or planned for the rest of the year. Therefore, should DDA be spending resources on it? No reason to connect the City to it, if nothing happens there. Need to establish a vision for this space – is it an event location, or not? Need to get the conversation going. Does it start with DDA Board, City/Township Managers, Parks&Rec?
- Process should include talking with Parks&Red/City Council to rethink approved renting process for Ford Field, including current fee that goes to Mill Race.

New Business:

- There was some discussion about the ordinance regarding sidewalk merchandising. A reminder may need to be sent to retailers.

Meeting Adjourned: 5:05pm

Next Meeting: July 9, 2018 @ 3:00pm

Submitted: C. Murdock 06/12/2018



A Full Service Sign Company

City of Northville

215 West Main Street
Northville, MI. 48167

Attn: Lori Ward

Re: Over the Road Banner Poles

Signs by Crannie, Inc. is pleased to quote to furnish and install 2 sets Over the Road Banner Poles (4 poles total) and mounting cables. Specifications are as follows;

BANNER POLES – 8” Sch. 80 Steel poles with plates for anchor bolt installation. Braided steel cable at top and bottom for hanging banners, center cable for placement. D rings for attaching banner to cable.

FINIALS – Clear anodized 8” diameter ball cap.

INSTALLATION – Anchor bolts to install in concrete footings. Poles to be installed on anchor bolts. Cables to be strung across poles.

Banner Poles	\$11,900.00
Sales Tax	\$ 714.00
Installation	\$ 6,365.00
TOTAL	\$18,979.00

We propose hereby to furnish signage in accordance with the above specifications for the sum of:
******Eighteen thousand nine hundred seventy nine and 0/100 dollars****.**

PRICE QUOTATION GOOD FOR 30 DAYS.

TERMS - 50% DOWN UPON APPROVAL WITH BALANCE DUE DAY OF INSTALLATION.

WARRANTY - 12 MONTHS ON CRAFTSMANSHIP AND MATERIALS BARRING VANDALISM AND ACTS OF GOD.

PERMIT FEES - if required will be billed at additional cost.

PRICES as indicated above are minimal estimates for art or sign work only. Photostats, typography, photographs, overtime, changes and or time additions, delays caused by the client, special consultations and all other expenses that cannot be estimated accurately in advance will be billed extra unless otherwise specified herein.

FINISHED art, mechanicals, and signs will be released for use by the client only. Mechanicals, original art, sketches and materials other than signs originated by the designer are the property of the designer, and will be held for the client, unless otherwise shown. SPECIAL conditions on the client's purchase orders in no way negate the above conditions of sale. In ordering the work described above, the client accepts all of these conditions whether noted on his purchase or not.

THE CLIENT agrees to pay all costs of collection in the event of default of payment by the client, including a reasonable attorney's fee. In the event of delinquent payments, the client will be charged at a rate of 1.5% interest for every month, after the first 30 days. THE SIGNS SHALL REMAIN THE PROPERTY of Signs by Crannie until paid for in full. In the event the client is delinquent in payment by more than 45 days Signs by Crannie reserves the right to remove the signage from the premise without notice of the client. And the client shall hold Signs by Crannie free of any liability what so ever.

QUOTED BY Daniel C. Crannie, Jr. DATE 7/26/18

ACCEPTED BY _____ DATE _____
NorthvilleBannerPoles18





Rocket Enterprise, Inc.

Flagpole Sales, Service, Delivery & Installation
Commercial ~ Residential

Flagpoles

- Selections
- Installations
- Flagpole Repair

Flags

- Stock Flags
- Custom Flag Design
- Flag Maintenance Service
- Theft Prevention
- U.S. Flag Facts

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Stock Flags

Rocket has an extensive warehouse well stocked with all different sizes of standard flags.

Custom made Corporate Logo, World Class Award, Foreign and Military flags are all available for Purchase and Flag Maintenance Service. Pricing available upon request, due to varying designs and sizes.



Flag Pricing Guide

United States of America Flag			
Size	1 Flag	2 Flags	3-5 Flags
3' x 5'	\$25	\$22.50 each	\$21.25 each
4' x 6'	\$40	\$36 each	\$34.00 each
5' x 8'	\$55	\$49.50 each	\$46.75 each
6' x 10'	\$78	\$70.20 each	\$66.30 each
8' x 12'	\$145	\$130.50 each	\$123.25 each
10' x 15'	\$225	\$202.50 each	\$191.25 each
12' x 18'	\$275	\$247.50 each	\$233.75 each
15' x 25'	\$450	\$405 each	\$382.50 each
20' x 30'	\$625	\$562.50 each	\$531.25 each
30' x 60'	\$1,495	\$1,345.50 each	\$1,270.75 each
State of Michigan Flag			
3' x 5'	\$27	\$24.30 each	\$22.95 each
4' x 6'	\$57	\$51.30 each	\$48.45 each
5' x 8'	\$85	\$76.50 each	\$72.25 each
6' x 10'	\$145	\$130.50 each	\$123.25 each
8' x 12'	\$235	\$211.50 each	\$199.75 each
10' x 15'	\$345	\$310.50 each	\$293.25 each
12' x 18'	\$605	\$544.50 each	\$514.25 each

Flag Maintenance Service Available! Call for Pricing.

Item	Company	Description	Quantity Needed	Price Per Unit	Total Cost
Piano Project	Vounteer	Prize Money for Artis	1	\$500.00	\$500
Mural	3M	Applied Mural for Main/Center	1	\$5,000	\$5,000
US Flags		US Flags for Parade Route	200	\$35	\$7,000
Banner Brackets	Custom	New banner arms for street lighs	25	Unknown	
Cross Street Banners	Signs by Crannie	21' decorative poles to hold cross street banner to cross 40'road. Two sets.	2	\$9,132	\$18,264
Benches	Conceptual Site Furnishings	Kenton Bench, Black	18	\$ 1,375.00	\$24,338
Bike Hoops	Dero	Dero Hoop Rack (single hoop)	15	\$ 99.00	\$1,450* before discount
Bike Racks	Madrax	Madrax Grand Stand (6 bikes/ 3per side)	4	\$ 125.10	\$500
Newspaper Boxes	Keenan Group	TK49 Newspaper Racks for paid publications (2), Model 49DW Rack for free publications (3)	1	\$ 1,786.45	\$1,786
Recycling Receptacles	Canterbury International	Pennsylvania Avenue Trash Receptacle Model 104A, with side openings and hinged side door and two compartments (plastic and glass)	4	\$ 2,550.00	\$10, 200
Trash Receptacles	Canterbury International	Pennsylvania Avenue Trash Receptacle Model 102, with side openings and hinged side door	5	\$ 1,490.00	\$7,450
Convert Streetlights		Convert secondary streets from HPS lights to LED lighs. Purchase and DPW Install.	80	\$100	\$8,000
Pavilion Repair		Working with Graphic Visions.	1	\$15,000	\$15,000
Tile Repair		Unknown			



CITY OF NORTHVILLE
*Secondary
Streets Design
Standards*

July 25, 2018

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INTRODUCTION



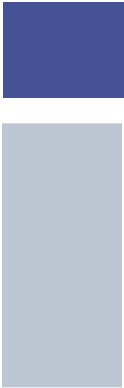
Downtown Northville is a great example of an architecturally significant, walkable, traditional retail core. The entire downtown is within the boundaries of a national, state, and locally designated Historic District. The City has long recognized the value of the downtown as a community asset and has successfully encouraged the redevelopment of downtown in a pattern that supports the historic form of the district.

To encourage and support the (re)development efforts, the City and Downtown Development Authority (DDA) recognized the need to update the public streets, parks and amenities that support its vital downtown and in 2006 prepared a Strategic Plan for Downtown Northville. The Plan was updated in 2017. One of the items that was featured prominently in the Strategic Plan was the need to update the City's aging streetscape.

In 2011 the Streetscape Enhancement Project was initiated. The project was funded in part from a grant from the Michigan Department of Transportation. The project included:

- New sidewalks, curbs, and crosswalks that were safe, met current ADA standards, and were compatible in appearance with the existing Town Square project.
- New curb bump-outs to support pedestrian activities in downtown such as outdoor dining and to improve pedestrian safety at street crossings.
- Street amenities including benches, planters, and waste/recycling receptacles that are high quality, consistent in appearance and well distributed throughout the downtown.
- Healthy trees and other vegetation that were not thriving in the current conditions.



- 
- Updated light sources for improved color rendering of the architecture and increased energy efficiency.
 - Bicycle parking facilities throughout the downtown.
 - Enhanced downtown pedestrian and cyclist wayfinding signs.

The plan for improving the downtown streets was developed in a collaborative process with the community and represents the consensus of a number of concerned organizations and community members. When completed, the project significantly improved the visual character of downtown, enhanced the walkability of the community, and helped to retain the economic vitality of the core downtown area.

With the deficiencies of the core area of the downtown addressed, it is now time to address the issues facing the secondary areas of the downtown. These Design Standards provide a common language of landscaping, lighting, paving and street furniture that will provide a strong visual cohesion to the larger downtown area as properties in these vital secondary areas leading into the core downtown are redeveloped.

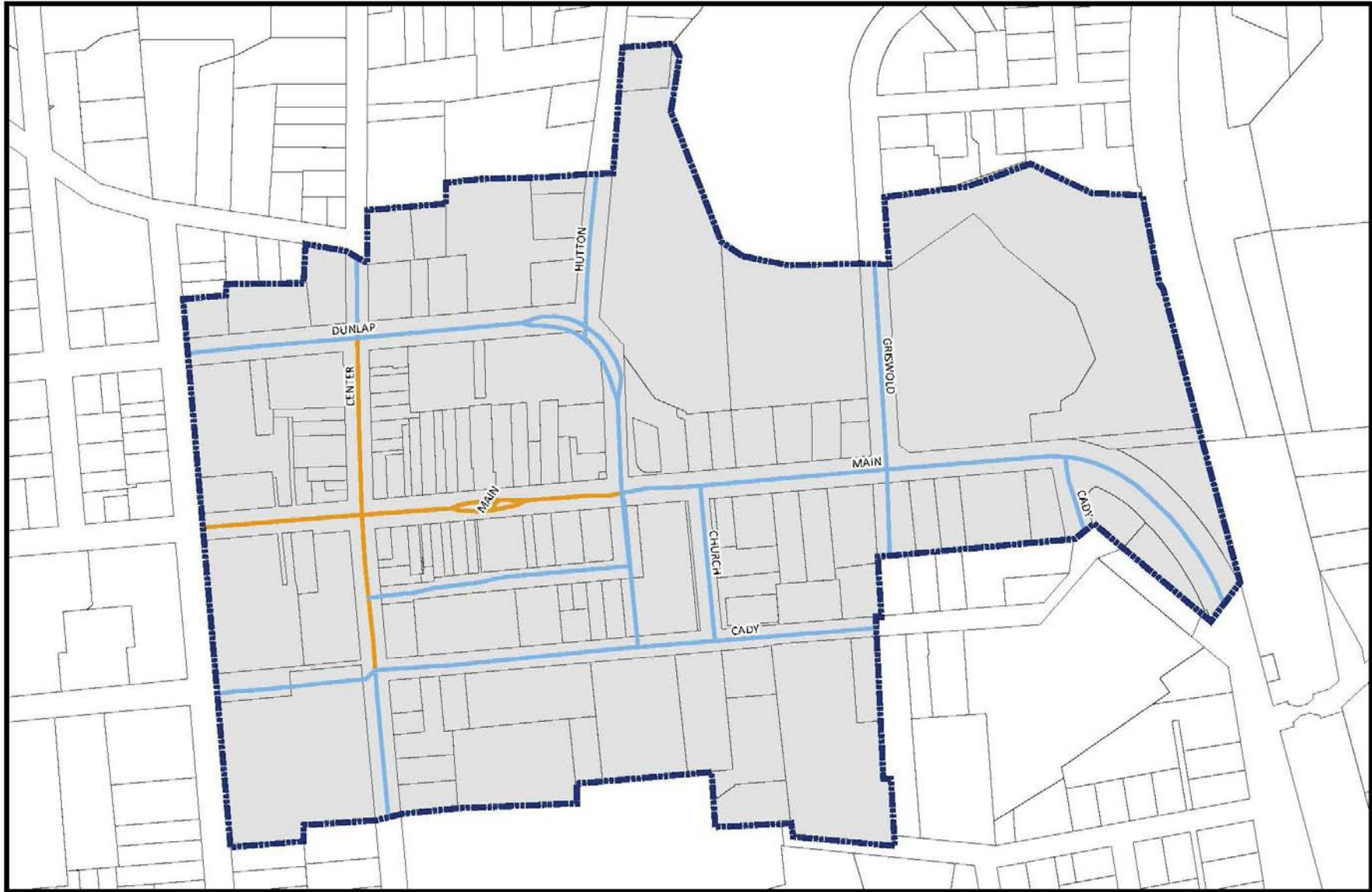
These standards apply to the secondary streets in the Downtown Development Authority (DDA) District, as illustrated on the map on page 4. The Northville Zoning Ordinance also references these standards in the Cady Street Overlay District (along Cady St. between Wing & Main St.), and the Central Business District Overlay District (along N. Center St. between Randolph & Walnut). Note that the Central Business District Overlay is outside of the DDA boundaries; however, the ordinance still references these standards as applicable to the overlay district.

These standards illustrate required improvements for new development fronting the City's right of way. The standards may be waived or modified by the City of Northville Planning Commission for locations where the strict application of the standards may be impractical. The situations where the standards may be waived or modified include:

- Sight visibility at intersections
- Driveway clearance

- Sidewalk obstruction/walkway clearance
- Interference with underground or overhead utilities
- Other similar site features

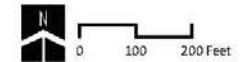
Illustrations showing how the various elements coordinate along a street or at an intersection are provided on pages 15 and 16.




DDA SECONDARY STREETS

City of Northville, Michigan

-  DDA Boundary
-  Primary Roads
-  Secondary Roads



Source: Wayne County GIS

Carlisle/Worlman Associates
February 29, 2016 



LANDSCAPING

Trees: Street trees are an important ingredient in a downtown streetscape. They provide shade and cool the pavement during the hot summer months, and as vertical elements they reduce the perceived width of the street thereby slowing traffic and resulting in a more pleasant pedestrian environment. It is important to select trees that do not block the window displays and signs of downtown businesses. When planting street trees, choose a variety of species to avoid noticeable gaps when one dies or is damaged. The current emerald ash borer impact on the ash tree population is a potent reminder that an entire species of street trees can be wiped out in a single growing season. For tree spacing, see the table in Appendix B.1 on page 43.

Some plants do better than others in such tough urban conditions. But, even the right plant can be sorely tested if not properly cared for or if placed in the improper setting. They need the right proportion of air, water and nutrients to survive in this relatively unnatural, harsh environment. Tree roots need oxygen, and this is achieved through proper aeration of the soil. They need an adequate, regular, but not excessive supply of water. And they require a balanced supply of nutrients, which often need to be supplemented by fertilization. Irrigation, properly managed, provides the best opportunity for trees to get the right amount of water and flushes out salt and fertilizer residue. An irrigation system for the trees and other landscape beds are required. Without these conditions, the plants suffer and they lend a shabby appearance to the downtown. Street trees that tolerate urban conditions that are recommended for inclusion in Downtown Northville include:

- *Gleditsia tracanthos* 'Skyline' – Honeylocust
- *Liriodendron tulipifera*- Tuliptree
- *Tilia cordata* – Little Leaf Linden
- *Zelkova serrata* 'Green Vase' – Zelkova
- *Acer X freemanii* 'Celebration' – Maple
- *Syringa reti culata* 'Ivory Silk' – Lilac
- *Ulmus americana* "Princeton" - Elm

1.1

Trees should be planted in a sequence of two to three of the same species in a row to provide a consistent character for a segment of the street. Where conditions allow, planting trees across the street from one another should also be considered. The trees should be planted in a large enough caliper to survive the urban condition, a minimum of 2.5 - 3.0" is recommended.

GFI receptacles should be installed at the base of the trees to allow for seasonal lighting.

In the core downtown along Main and Center Streets, raised planters constructed of Brussels Block stone are part of the streetscape. A variety of trees, listed above are planted in these raised planters, which are typically located at intersections where there are bumpouts in the pavement large enough to accommodate the planters. The planters average height is approximately 12", which allows them to also be used for a seating area. This height of the planters was set as a condition of the MDOT Enhancement Grant by MDOT's architectural historian. On secondary streets, raised planters may be used in areas where the pavement is large enough to accommodate them while allowing pedestrians to pass by easily. Trees may be placed in the planters, or in landscaped areas or tree grates, depending the conditions in the sidewalk area.

If tree grates are utilized, they should match the East Jordan grates installed in the core area (see Appendix for specifications) and meet ADA requirements. The tree grate should be able to meet the load bearing capacity and requirement of the surrounding sidewalk area. In addition, the grate system should be able to be removed and replaced with a larger opening grate in the event the tree trunk grows too large for the opening. The distance between the finished soil grade and the top of the tree grate may not be more than six inches in height.

Tree guards: Use of the metal tree guards should be discontinued. Though installed with good intentions to protect the street trees, they are negatively impacting the image of downtown and in some cases the health of the trees.

Window boxes and planters: Building owners, merchants, and residents should be encouraged to complement their buildings with appropriate flower boxes and pots. Quality material should be utilized. Including terra cotta, cedar, painted wood, and metal. Window boxes may require plastic liners to extend their life and to maintain moisture in the soil. They should be installed below the sill line of the windows. Authentic materials should be utilized and use of artificial flowers and greens avoided.

PEDESTRIAN LIGHTING

A well lit downtown creates an environment that feels safe, inviting and comfortable. Properly placed, streetlights extend downtown activity into the evening. The City of Northville has a signature light pole used consistently throughout the downtown. A more recent light pole was installed in downtown, and while it is similar to the traditional light pole, there are noticeable differences. Newly purchased light poles should match the model of the original downtown light pole, and eventually replace the different style pole, which could be relocated to areas outside of the DDA district. See the Appendix for light pole and fixture specifications.

Lighting levels are important. Lighting should be sufficient for people to see comfortably and correctly distinguish persons and objects in the street. However, lighting should not be so great as to create deep shadows or pronounced areas of light and dark. Street lights are important for daytime use as well. The verticality of the light poles helps to distinguish the curb line for the street and establishes a particular rhythm to the street edge. The light levels along a street should generally be between 0.4 to 1.7 foot-candles; while 2.4 foot-candles is recommended at intersections.

The light source of the downtown light poles is a mixture of high-pressure sodium and induction lighting. High pressure sodium lighting is still evident in areas of the downtown including Cady Street. High pressure sodium lighting casts a yellowish-orange tint distorting the color of people, landscaping, buildings, and other elements.

During the recent streetscape enhancement project, the City began to retrofit the high pressure sodium lighting in the core downtown with induction lighting. Approximately 120 streetlights have been converted, with another 80 left to convert.

2.1

The City is currently evaluating the possibility of retrofitting the remaining lights with a comparable LED light source and will provide direction once a decision has been made.

The pedestrian-scaled light fixtures are comprised of a pole by Herwig Lighting that is 12' tall and a Spring City head. The poles should be installed approximately 2 feet on center from the face of curb and spaced to match other poles in the area, approximately 40 feet apart. Where needed, house side shields should be installed in the light head to minimize light shining directly into residential areas.

Each new streetlight installed, should be fitted with banner arms and GFI receptacles located at the top of the pole.

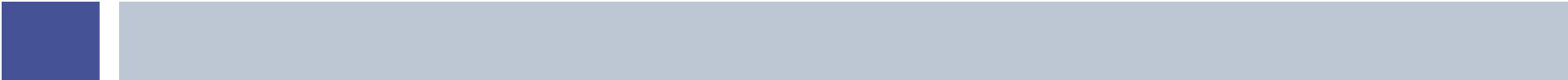
STREET FURNISHINGS

The Downtown Development Authority (DDA) has invested in a well-made family of furnishings from Canterbury International and Conceptual Site Furnishings. The receptacles, planters and drinking fountains are from the Pennsylvania series and are of cast aluminum and painted a gloss black. The furnishings are maintained by the DDA, with assistance from the Public Works Department. All of the street furnishings are further described in the Appendix.

Benches: Many of the benches were replaced during the Streetscape Enhancement Project. Additional benches are needed to retire the existing wooden benches and to populate underserved areas. Benches, placed facing the road and not obstructing the opening of cars doors, should be installed in each block of the downtown. The new downtown benches are fabricated by Conceptual Site Furnishings and are Kenton model. The DDA has retired the plaque program initiated during the first Streetscape project in 1978-80. As benches are retired, the plaques – and in some cases the bench- are returned to the original donor.

Receptacles: The downtown trash receptacles are fabricated by Canterbury International and are the Pennsylvania series in cast aluminum. As the community is becoming more pedestrian friendly, additional receptacles are needed to accommodate underserved areas. Temporary red barrels augment the receptacles on event days. The DDA has also been exploring the possibility of adding recycling receptacles for paper, bottle, glass and metal. The receptacles would be installed initially in central gathering places like Town Square, Old Church Square, Northville Square and Ford Field.

Cast aluminum planters: Almost one hundred cast aluminum Pennsylvania series planters by Canterbury International are scattered around the downtown area. The eighteen-inch tall pots are the most prevalent and are installed at the curb line throughout the downtown. Plantings within them are changed seasonally by the DDA. In addition, raised clusters of three planters varying in heights of twenty-four, thirty and thirty-six inches are grouped near corners and in areas with wider pavement. The installation of additional planters should be continued on the secondary streets as new development occurs.



The Appendix also provides specifications for additional street furnishings and site features that may or may not be needed for a particular site design. These elements include the following:

- Tables and chairs
- Fencing
- Bollards
- Drinking Fountains

Site furnishings may be required for projects along secondary streets that are subject to site plan review by the Planning Commission. In these cases, the Planning Commission will determine if street furnishings are required by the zoning ordinance, and will work with the applicant to determine what is appropriate for a given project and location.

NON-MOTORIZED TRANSPORTATION



The downtown is home to several bicycle shops and is a center for local cycling activity; however there is not a systematic organization to cycling facilities such as bicycle parking areas. In the larger picture, the Secondary Street Design Standards is a bike friendly initiative, intended to connect to a City/Township joint design effort to provide non-motorized connections through the Township, Edwards Hines Park and the City of Northville.

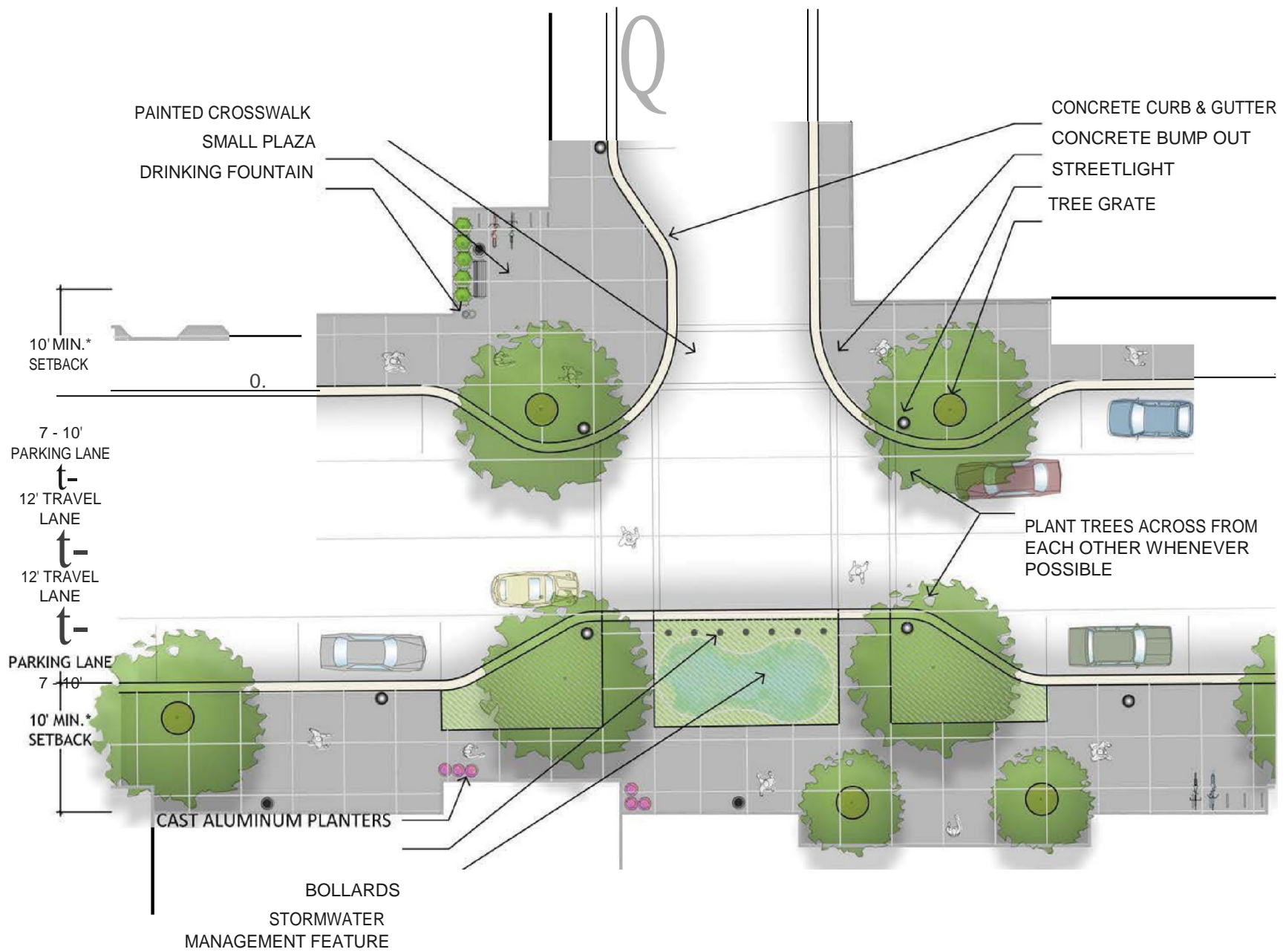
Additional bicycle parking facilities, as well as pedestrian and cyclist wayfinding signage, have been placed throughout the downtown to address the needs of the many cyclists using Hines Park and the Northville community.

The City has begun to install bike racks and on-street bike facilities in community gathering areas that are large enough to accommodate the size of these facilities. Individual or clustered single-hoop bicycle racks should be installed throughout the downtown. Black hoops, by S & G Fabrications, will be located in each block of the downtown.

A bike respite station has been recommended for the downtown area to allow a place for cyclists to put air in tires, make minor repairs, fill water bottles, and lock up bikes. Cady Street has been identified as the preferred location for the installation of the respite station.

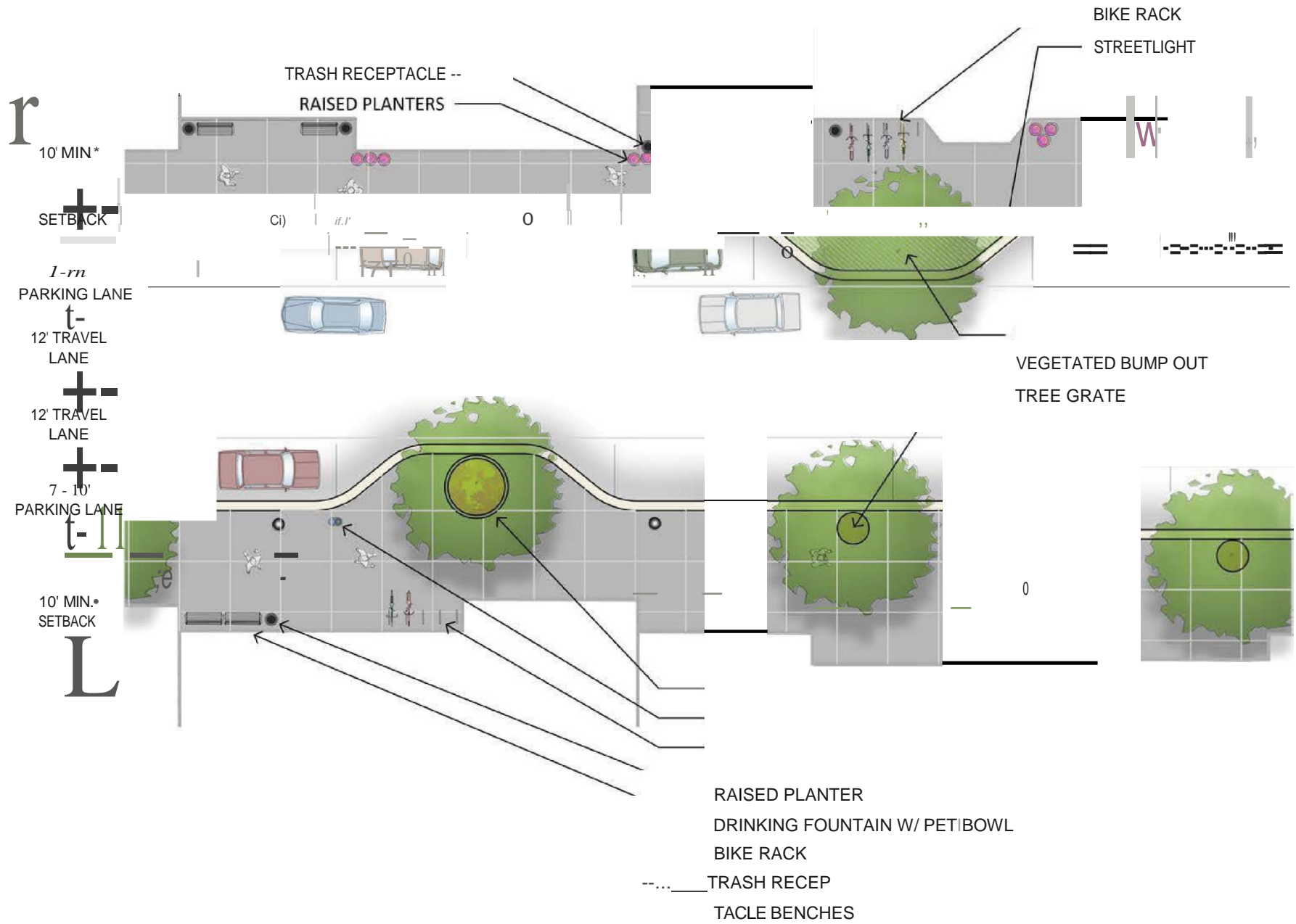
SIDEWALKS, RAMPS & CURBS

Sidewalks, ramps and curbs shall be poured of a standard concrete mix and meet all local, state and federal code requirements. Ramps shall have detectible warning surfaces. Sidewalks and curbs shall be the standard 4.0"-depth and ramps shall be 6.0"-depth poured concrete. Sidewalk control joints shall be hand troweled. Bump outs that break up a long block visually shall be roughly every 4-5 parking spaces or 80 – 100 feet.



* Alternative setbacks apply to Cady Street overlay area
 See Section 10.06 Cady Street Overlay of the City of Northville Zoning Ordinance

0 10 20
 SCALE: 1" = 20'



* Alternative setbacks apply to Cady Street overlay area



Specifications

Small Raised Planter Bed

Dimensions:

Diameter: 6'

Materials:

Planter Stone: "Brussels" by Unilock
Limestone Color to match existing

Manufacturer's standard concrete adhesive between stone layers and to concrete base

Planter Ring: 5' diameter
Galvanized steel, black

Company:

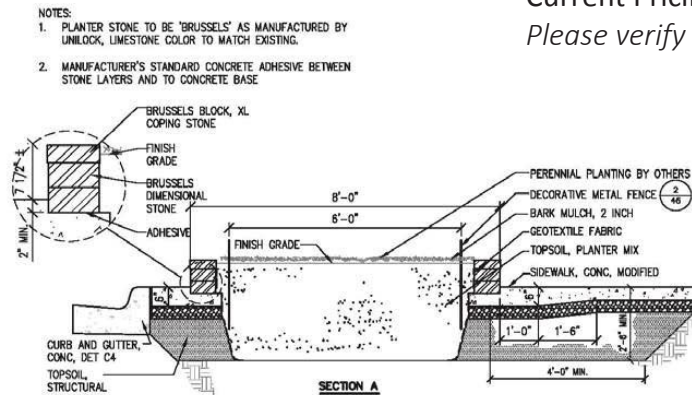
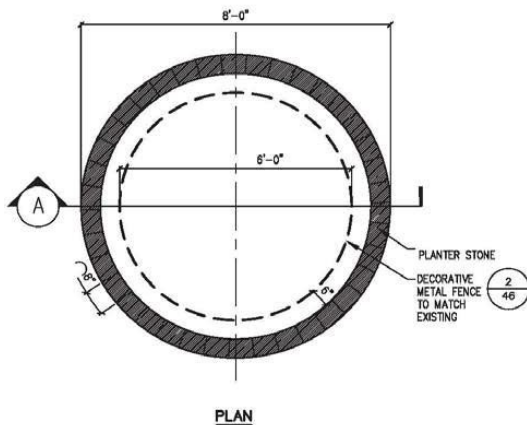
Planter Ring: Future Fence

Phone: (586) 755-7080

Website: www.futurefabricating.com

Current Pricing: \$3,000 (Planter Ring)

Please verify with company



- NOTES:
1. PLANTER STONE TO BE "BRUSSELS" AS MANUFACTURED BY UNILOCK, LIMESTONE COLOR TO MATCH EXISTING.
 2. MANUFACTURER'S STANDARD CONCRETE ADHESIVE BETWEEN STONE LAYERS AND TO CONCRETE BASE

A.1 Raised Beds

Specifications

Large Raised Planter Bed

Dimensions:

Diameter: 13'

Materials:

Planter Stone: "Brussels" by Unilock
Limestone Color to match existing

Manufacturer's standard concrete adhesive between stone layers and to concrete base

Planter Ring: 8' diameter
Galvanized steel, black

Company:

Planter Ring: Future Fence

Phone: (586) 755-7080

Website: www.futurefabricating.com

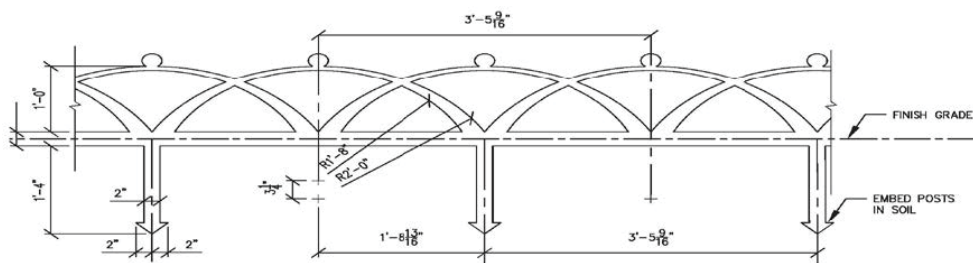
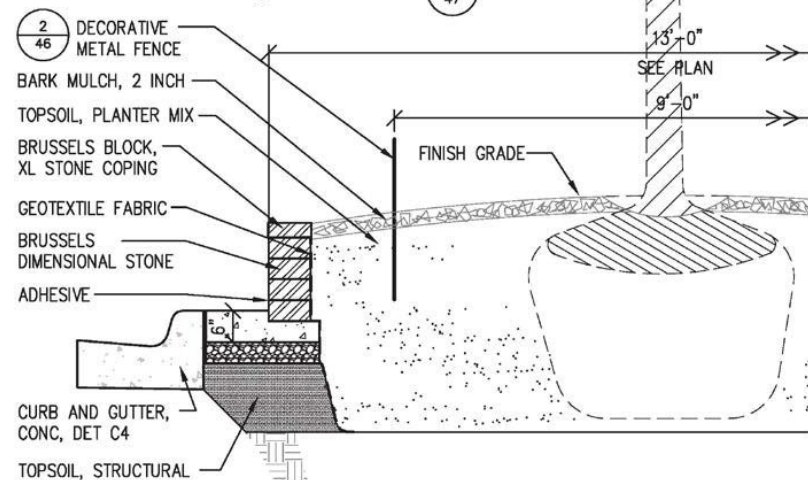
Current Pricing: \$4,308 (Planter Ring)

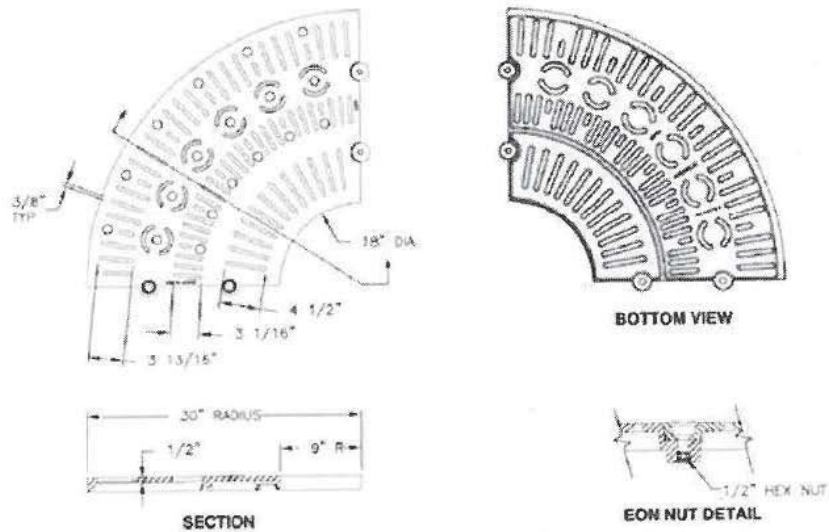
Please verify with company



NOTES:

1. PLANTER STONE TO BE 'BRUSSELS' AS MANUFACTURED BY UNILOCK, LIMESTONE COLOR, TO MATCH EXISTING.
2. MANUFACTURER'S STANDARD CONCRETE ADHESIVE BETWEEN STONE LAYERS AND TO CONCRETE BASE.
3. STAKE TREE PER STAKING/GUYING DETAILS IN 10
47





Specifications

Orbit tree grate
Model number 8595

Dimensions:

60" round
18" tree opening

Materials:

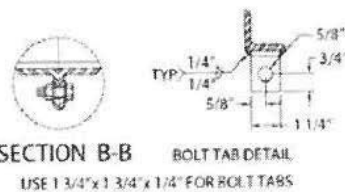
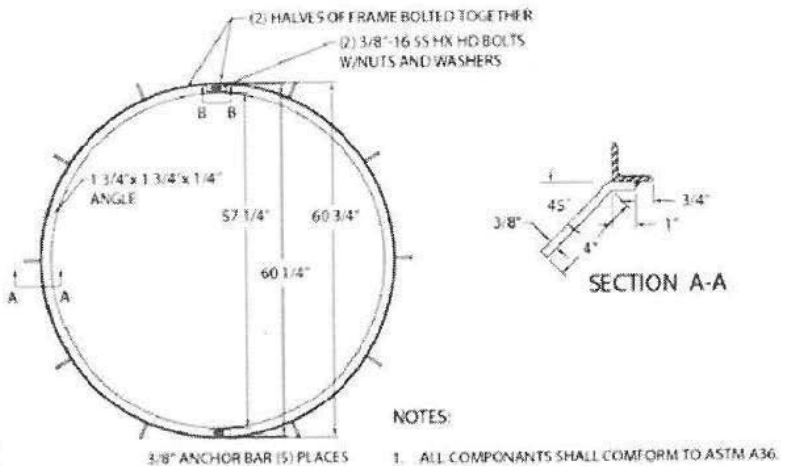
Steel setting frame

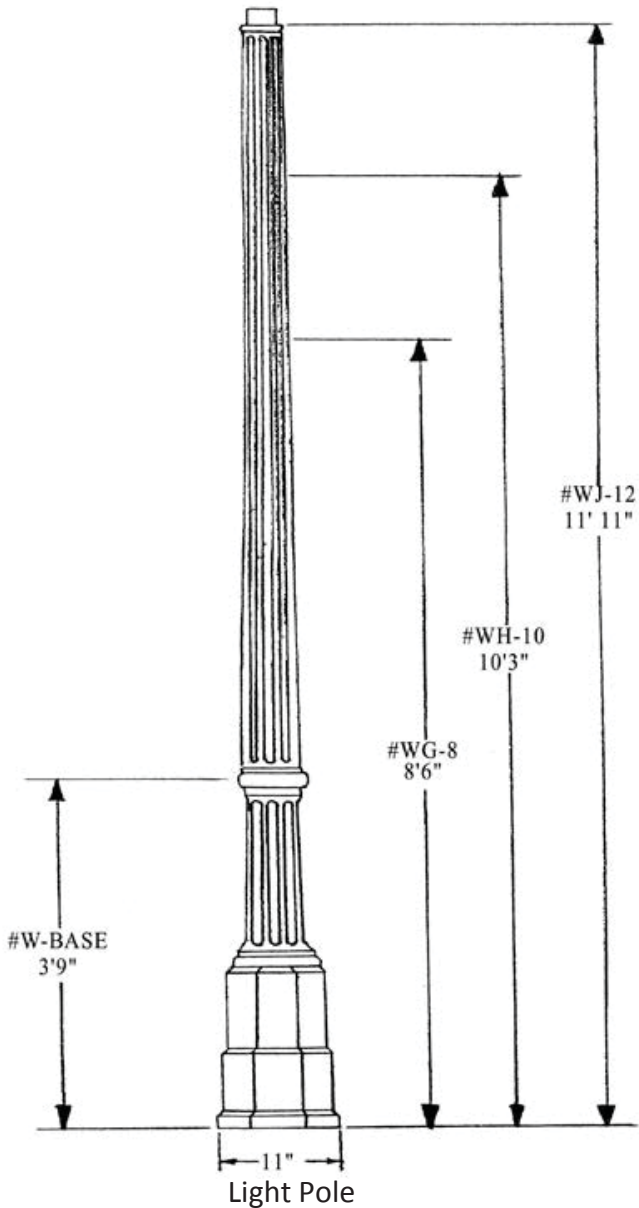
Company:

East Jordan Iron Works
Phone: 1(800)874-4100
Website: www.americas.ejco.com

Current Pricing: \$2,500 each

Please verify with company





Specifications

Herwig WJ-12 Cast Post

Dimensions:

Diameter: 11"

Height: 11' 11"

Materials:

Cast Aluminum, black finish

Tapered and fluted shaft

Cast single box GFI receptacle with weatherproof cover

4 – 5/8" x 18" anchor bolts

Company:

Herwig

Phone: 1(800) 643-9523

Website: www.herwig.com

Current Pricing:

Please verify with company



A.3 Street Lights

Specifications

Edgewater – Medium Filter
85 Watt Induction Light Source
120 Volts
3000K color temp

Dimensions:

Diameter: 20"
Height: 34"

Materials:

Cast Aluminum Alloy #356
Frosted Seeded Acrylic
Stainless Steel Screws
Black Finish

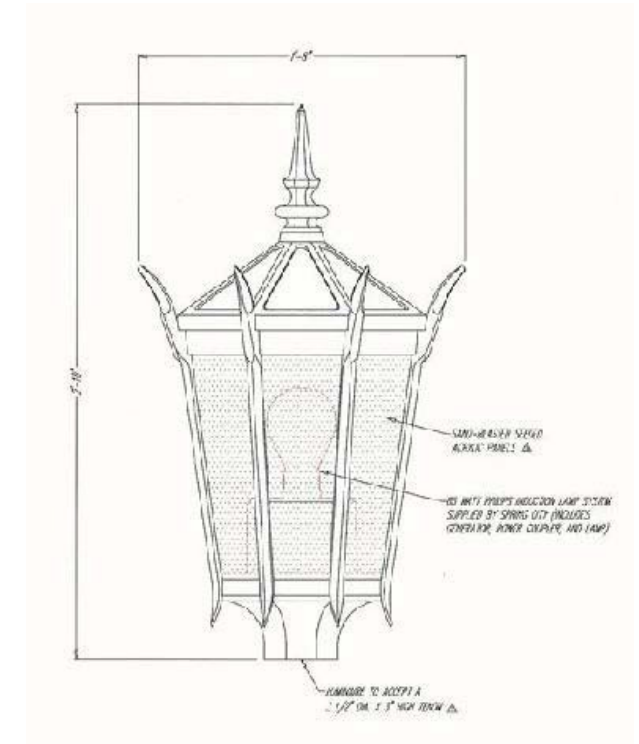
Company:

Spring City
Phone: 1(610) 948-4000
Website: sales@springcity.com

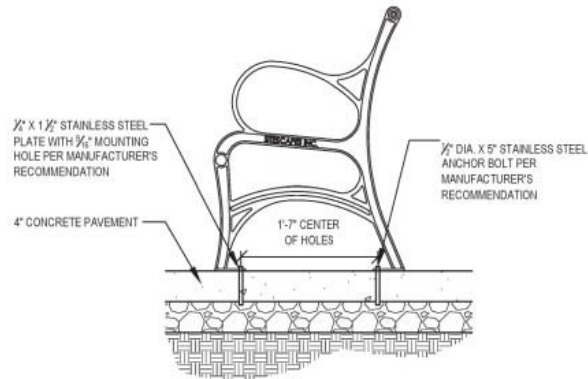
Current Pricing: \$1,425 per head
Please verify with company



Induction Head

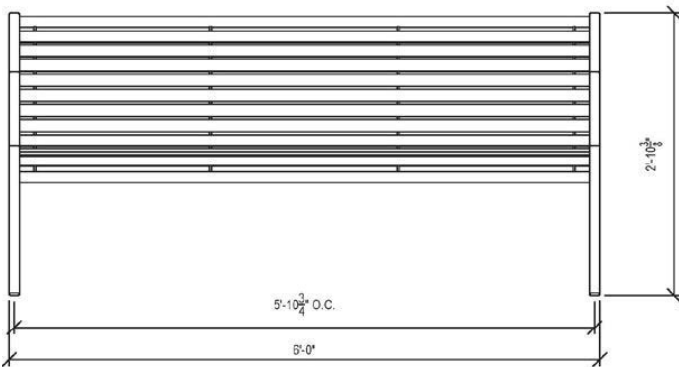


Bench Mounting Instructions

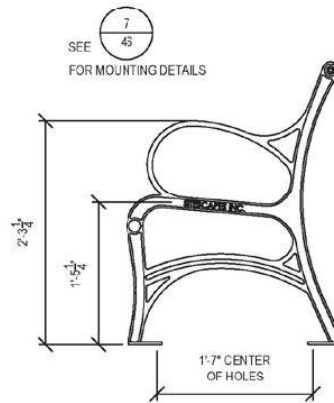


TOP VIEW

- NOTE:
1. BENCH TO BE WESTPORT SERIES AS MANUFACTURED BY SITESCAPES, PLAINWELL SERIES AS MANUFACTURED BY LANDSCAPE FORMS, OR APPROVED EQUAL.
 2. BENCH SHALL BE BACKED, WITH HORIZONTAL SLATS.
 3. BENCH SHALL BE 6' IN LENGTH.
 4. BENCH SHALL BE BLACK IN COLOR.



FRONT VIEW



RIGHT SIDE VIEW

Specifications

Kenton Bench

Dimensions: 72" L x 72" H x 25" D

Materials:

Seat and Back: Steel slats

Cast Aluminum end frames, steel support frames

Finish: Powder coat, black

Company: Conceptual Site Furnishings

Phone: (616) 940-9830

Website: www.conceptualsite.com

Current Pricing: \$1,056.00

Please verify with company



Trash Receptacles A.5

Specifications

Pennsylvania Avenue Trash Receptacle Model 102, with side openings and hinged side door

Dimensions: 23 1/2" diameter and 37 1/2" high.

Materials:

Barrel – Cast Aluminum with welded construction

Liner – Removable rigid plastic

Top – Cast Aluminum

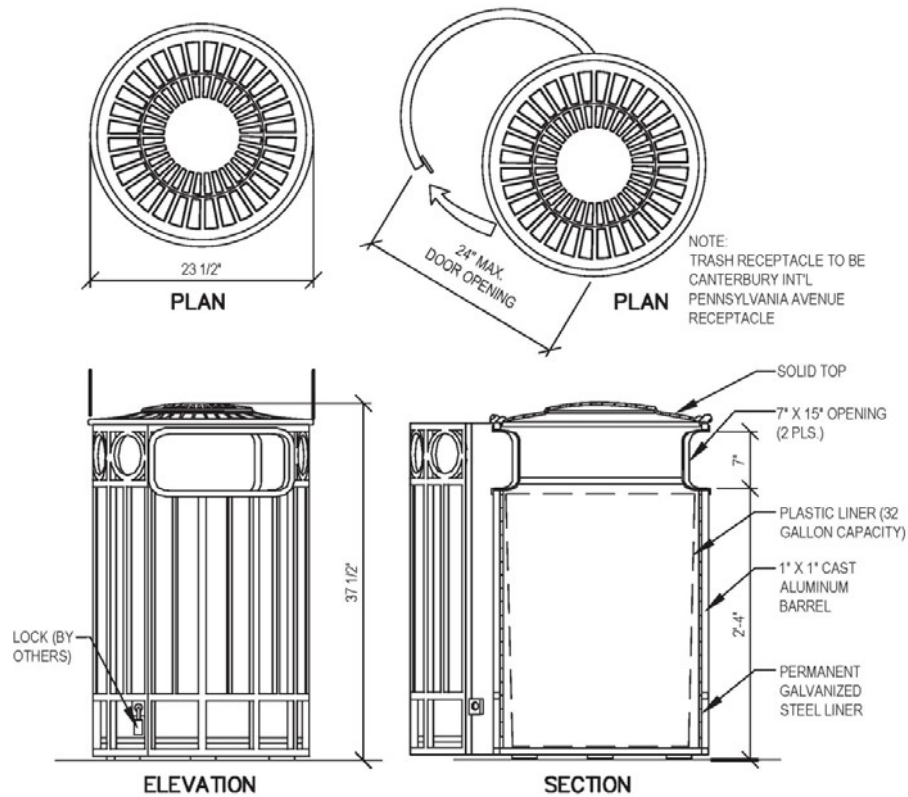
Company: Canterbury International

Phone: 1(800) 935-7111

Website: www.canterburyintl.com

Current Pricing: \$1,490.00

Please verify with company



Specifications

Pennsylvania Avenue Planter

Dimensions:

Diameter: 23 1/2"

Height: 18", 24", 30", 36"

Materials:

Barrel Cast Aluminum with welded; construction liner - fiberglass

Finish: Std. Black

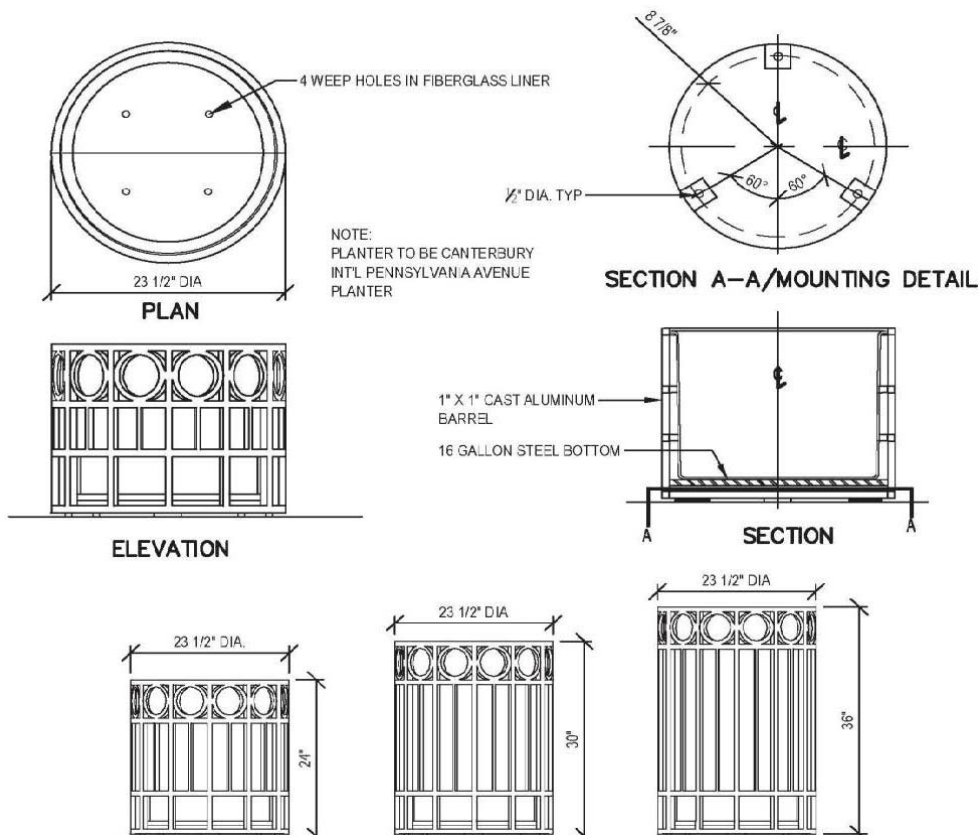
Company: Canterbury International

Phone: (800) 935- 7111

Website: www.canterburyintl.com

Current Pricing:

Please verify with company

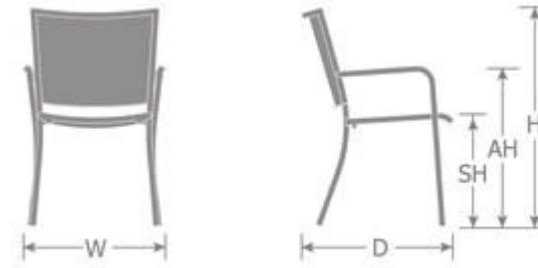




Specifications

Chair: Podio Outdoor/Indoor Stacking Chair, #3413

Dimensions:



H: 35.5" W: 23" D: 25" SH: 18" AH: 26" Lbs: 14

Materials:

Frame: Tubular Steel

Seat/Back: Small Interlace Steel Mesh

Finish: Powder coat, black

Company: Emu Contract

Phone: (800) 726-0368

Website: www.emuamericas.com

Current Pricing:

Please verify with company

A.7 Tables and Chairs

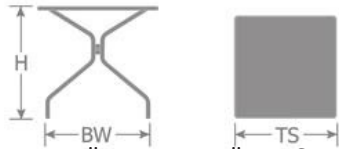
Specifications

Table: Cambi Outdoor/Indoor Table

Current Pricing:
Please verify with company

Dimensions:

Cambi #800- 24"

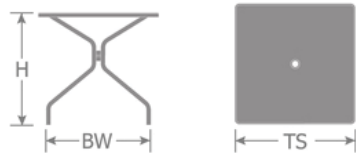


H: 29.5" BW: 20" TS: 24" Sq Lbs: 25



Cambi #800 - 24"

Cambi #802- 36"



H: 29.5" BW: 28" TS: 36" Sq Lbs: 37

Outdoor/Indoor Umbrella Table

Umbrella Hole Dia. 1 9/16"

Materials:

Top Thickness: 1 1/4"

Frame: Steel

Top: Extended Steel Mesh

Base: Tubular Steel Legs

Company: Emu Contract

Phone: (800) 726-0368

Website: www.emuamericas.com



Cambi #802 - 36"





Specifications

Montage plus Majestic 3-rail panel with flush bottom, standard 4" gap and rings at the top

Dimensions:

Width: 8' per panel

Height: 4'

Materials:

Metal

Black finish

Company:

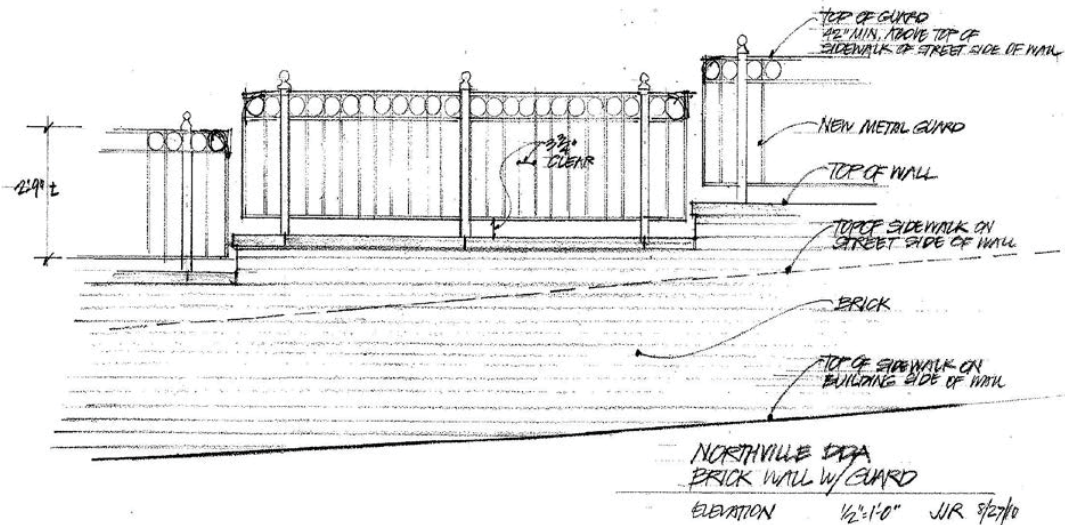
Fencing: Future Fence

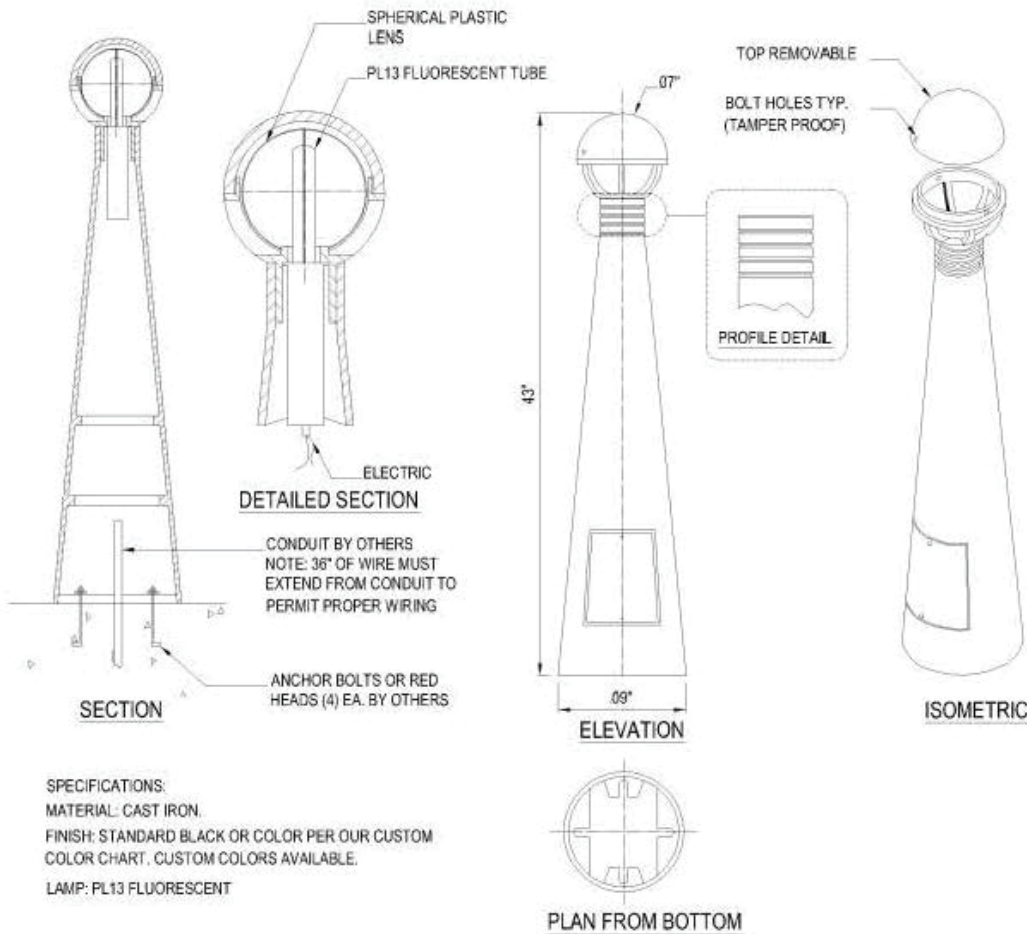
Phone: (586) 755-7080

Website: www.futurefabricating.com

Current Pricing: \$541 per panel

Please verify with company





Specifications

Pantlind Bollard (plain or lit)

Dimensions:

Height: 43"

Materials: Cast Aluminum

Black finish

Lamp: PL13 fluorescent

Company:

Canterbury International

Phone: 1(800) 935-7111

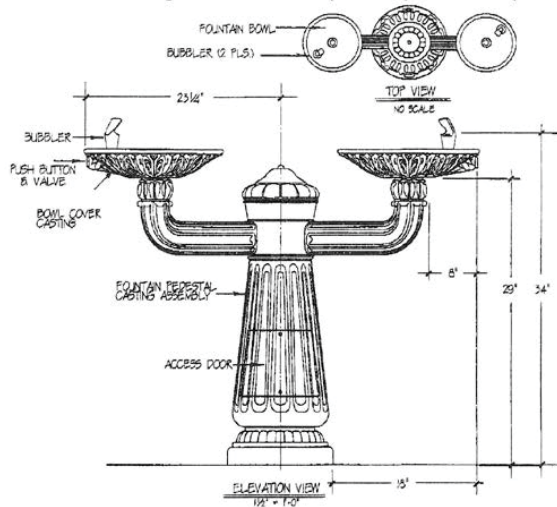
Website: www.canterburyintl.com

Current Pricing: \$1,200

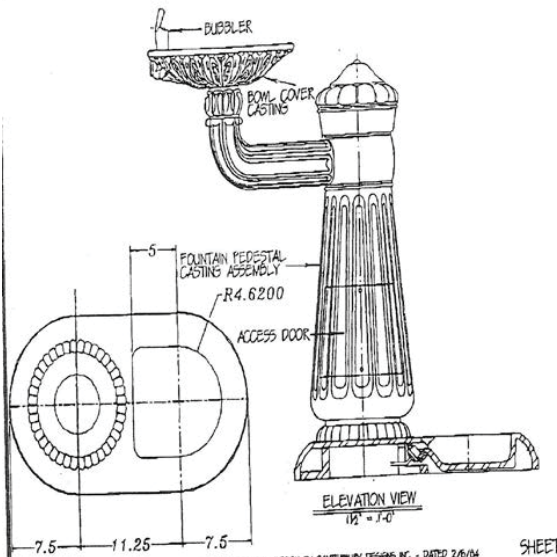
Please verify with company



1890 Drinking Fountain - 2 Arm (Handicap Accessible)



Two-Arm Design



Single-Arm with Pet Bowl Design

Specifications

1890s Drinking Fountain

Two arm

One arm and pet bowl

Dimensions:

Height: 36"

Materials:

Bowl: Bronze with patina

Bubblers, strainers, and drain pipe in chrome-plated brass

Company:

Canterbury International

Phone: 1(800) 935-7111

Website: www.canterburyintl.com

Current Pricing:

Please verify with company





Specifications

U Shaped ornamental bike rack

Dimensions: 126" in length

Height: 36"

Materials: Black Matte Finish

Company: S & G Products

Phone: (517) 54c-9240

Website: www.sgfabricators.com

Current Pricing:

Please verify with company

Specifications

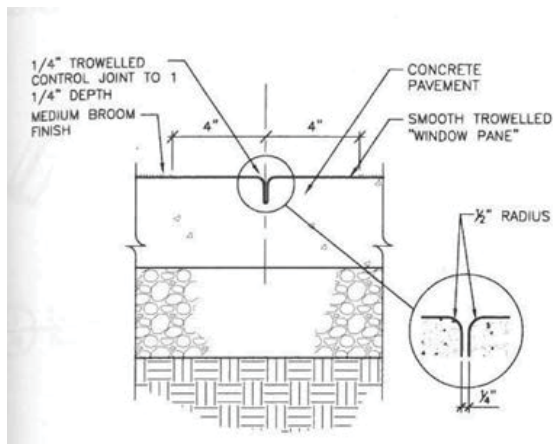
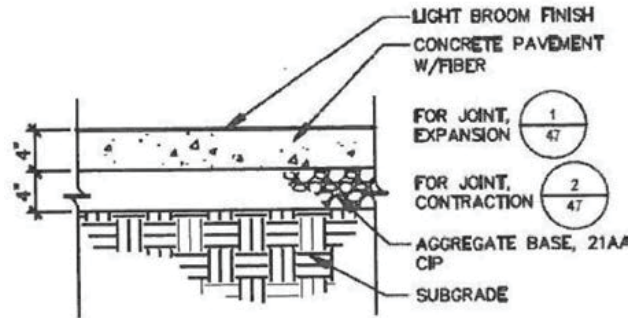
Sidewalk

Materials:

P1 concrete, Hand-trowelled
4" thickness

Minimum of 5' wide

Meets ADA compliance



Existing Furnishing Frequency **B.1**

Street	Bump Outs	Stone Planters	Planting Beds	Planting Pots	Tree Grates	Street Trees	Benches	Refuse
North Center- Approx. 370'								
East Side	2	2		7 - 1 per 50'	3 - 1 per 123'	5 - 1 per 74'	2 - 1 per 185'	2 - 1 per 185'
West Side	3			6 - 1 per 61'	6 - 1 per 62'	6 - 1 per 62'	1 - 1 per 370'	3 - 1 per 123'
West Main- Approx. 356'								
North Side	4	2	3	4 - 1 per 89'	1 - 1 per 356'	5 - 1 per 60'	1 - 1 per 356'	2 - 1 per 178'
South Side	3		5	8 - 1 per 45'	2 - 1 per 178'	7 - 1 per 50'	1 - 1 per 356'	3 - 1 per 119'
East Main- Approx. 560'								
North Side	3	6		8 - 1 per 70'	4 - 1 per 140'	10 - 1 per 56'	3 - 1 per 186'	4 - 1 per 140'
South Side	4	4		8 - 1 per 70'	5 - 1 per 112'	9 - 1 per 62'	3 - 1 per 186'	4 - 1 per 140'
Bump outs occur roughly every 4-5 spaces								

