



CITY OF LAKEPORT

City Council
 City of Lakeport Municipal Sewer District
 Lakeport Redevelopment Successor Agency

STAFF REPORT	
RE: Status report on the Downtown Improvement Project Phase II	MEETING DATE: 11/17/2015
SUBMITTED BY: Kevin M. Ingram, Community Development Director	
PURPOSE OF REPORT: <input type="checkbox"/> Information only <input checked="" type="checkbox"/> Discussion <input checked="" type="checkbox"/> Action Item	

WHAT IS BEING ASKED OF THE CITY COUNCIL/BOARD:

Review and consider proposed design features of the Downtown Improvement Project Phase II pertaining to project design, construction phasing and scheduling. Recommendations by City Council will be forwarded to the engineering project consultant and be incorporated into the final project design.

BACKGROUND/DISCUSSION:

The Downtown Improvement Project Phase II consists of a three block area on North Main Street between First and Fourth Streets. Proposed improvements consist of the demolition of existing sidewalks, construction of new 12' wide sidewalks, new handicap ramps at intersections, new street trees, new irrigation lines, new sidewalk tree grates and adjacent decorative sidewalk surfaces, relocation of existing decorative street lights and power supply, new storm drainage inlets and lines, limited new water and sewer infrastructure, and reconstruction / restriping of Main Street.

Crawford and Associates, Inc. out of Ukiah was awarded the Engineering Services for Construction Design Plans/Specifications earlier this year. Crawford and Associates together with the assistance of City staff has design geometrics for sidewalk location, sidewalk drainage and ADA accessibility. In October, City staff met directly with property owners and businesses to review specific project improvements affecting their individual buildings and discuss methods for mitigating construction related impacts. A project open house was held on the evening of October 8, 2015. The main issues of concern from affected business owners concerned construction phasing, access to businesses during construction and the location and choosing of street trees.

As a result of these concerns the City Engineer proposed the option to conduct construction activities at night. This would allow businesses to be open and largely unaffected during regular business hours with the added benefit of allowing contractors to work unimpeded by pedestrian uses at night. Community Development staff is currently evaluating noise related impacts associated with night time construction and anticipates bringing a revised environmental analysis for the project before the Planning Commission and City Council for review and approval. In addition, staff plans to notify and hold a special public meeting for residences in the area to discuss potential impacts associated with night work, specifically noise.

Deliverables for review by the City Council include 50% design and construction plans (including proposed locations of street tree wells) and street furnishings plan. The project design team will incorporate input from the business community and City Council into the final project design which is expected to be completed in mid-January with construction of the project expected to begin in early spring. Issues to discuss include but are not limited to:

- Construction Scheduling & Project Sequencing: Construction phasing can best be broken into three parts—undergrounding and utility improvements, sidewalk reconstruction and roadway paving. The sidewalk construction phase is the longest and has the greatest impact upon business activities in the project area. As noted above, night time construction was identified as a popular means to best reduce construction related impacts by the business community.
- Cost of Utilities Replacement: As proposed the current project calls for the replacement of existing sewer and water infrastructure and the upgrading of the existing 8" water line to a 12" line. However, the current project budget does not include costs for the completion of these improvements. Costs for said improvements are to be paid through the respective enterprise funds. City staff is recommending that construction forgo the upsizing of the water line at this time. Without the upsizing of the water line additional distance along Main Street, well beyond the boundaries of this proposed project, the added benefit to fire suppression systems in the area will not materialize. Additional upsizing of lines along Main Street are not anticipated during the life of the pavement for this project. City staff instead recommends that utility improvements be limited to the replacement of the existing sewer line and the replacement of sewer and water laterals in this corridor.
- Approval of Street Furniture Design: The proposed project budget does not include the allocation of monies for the purchase of street furniture as part of this project. However, project design does include identified locations for the placement of street benches, waste receptacles and other associated street furniture. Agreement upon street furniture guidelines is necessary for the completion of final construction plans. All existing antique memorial lamp-posts will be retained and relocated to the new edge of sidewalk.
- Street Trees: The proposed 50% design plans include the location of street tree planter wells. Locations have been carefully selected so as not to interfere with store front entrances or street lights. The *Green Vase Zelkova* tree was previously selected and approved by the City Council for use along Main Street. The Zelkova grows to 35' to 50' in height and 25' to 35' wide. This deciduous shade tree has an upright vase shape with a high-branching pattern that will allow its canopy to be of height allowing building facades, entrances and signage visible to the passing public while providing needed summer shade. The Zelkova is also known for its beautiful copper red fall color, disease resistance, drought tolerance and deep root system.
- Removal of Encroachment onto Main Street at 110 North Main Street: The current project calls for the elimination of the existing driveway encroachment providing access to four parking spaces on a vacant lot located adjacent to the *Meals on Wheels Thrift Store* on the Northeast corner of North Main and First Streets. The lot is currently used by thrift store patrons. Access to the lot is currently provided by encroachments from both Main Street and First Street. The proposed project proposes to eliminate the Main Street encroachment consistent with the Transportation Element of the General Plan. Specifically Program T 12.1a which seeks to "restrict private access, driveways, parking lot entrances, and other curb cuts on arterial and collector roads." Section 17.23.060(S) of the Lakeport Municipal Code also provides that "Proposed driveways on collector or arterial streets as identified by the Lakeport general plan shall be reviewed by the city relative to the impact on public safety and shall be located so as to minimize the impact on the flow of traffic. Generally speaking, driveways shall be developed on side or intersecting streets and shall be situated as far away from intersections as is possible." The Executive Director for Meal on Wheels has requested that the project be amended to allow the current parking lot configuration at this location to remain (See Attachment 4).
- Future ADA Parking Opportunities: Proposed improvements associated with this project do not include the addition of any new designated ADA parking stalls. Improving accessible parking and access to the downtown business district has increasingly been raised as a concern by members of the public over the last year. Natural topography and existing development severely limits the options available to the City in improving access to ADA parking in this area. However, it was noted that the south-side of the block

between Forbes and Main Streets along Third Street is perhaps amenable to the future development of additional ADA parking. Such a future development would be complimentary to the inclusion of accessibility features, path of travel and improvement building access, being created by this project and is something to consider as part of future street improvements in the downtown area.

OPTIONS:

1. Review and consider proposed design features of the Downtown Improvement Project Phase II pertaining to project design, construction phasing and scheduling and provide direction to City staff and the consulting project engineer.
2. Request additional project information from City staff and/or the consulting project engineer.

FISCAL IMPACT:

None \$ Budgeted Item? Yes No

Budget Adjustment Needed? Yes No If yes, amount of appropriation increase: \$

Affected fund(s): General Fund Water OM Fund Sewer OM Fund Other:

Comments: None

SUGGESTED MOTIONS:

Move to receive and file the status report for the Downtown Improvement Project Phase II and direct staff to forward input to consulting project engineer.

- Attachments:**
1. 50% Project Construction Plans
 2. October 29, 2015 letter from Lakeport Senior Center, Inc.

Lakeport Downtown Improvements Phase 2 Outline Specifications - Landscape and Site Furnishings

2/4/11

PLANT LIST

- see Sheet L-1, Planting Plan

IRRIGATION EQUIPMENT

- see Sheet LI – 4, Irrigation Legend

SITE FURNITURE

Bench

- Timberform “Restoration” Series #2118-6
 - 6 feet length
 - Alaskan Yellow Cedar slats, kiln dried
 - Dark Green or custom Verde Gris powder coated cast iron frame
 - Optional center arm rest
 - Optional custom lettering and/or graphic
- Option: Victor Stanley Steelsites model RB-28.
 - 6 feet length
 - Metal slats
 - Dark Green or custom Verde Gris powder coated steel frame
 - Optional center arm rest
 - Optional custom lettering and/or graphic
 - Recommend matching trash receptacle option

Bicycle Bollard

- Madrax Classic BOCL-2-SV-P
 - Dark Green or Custom Verde Gris powder coating
 - Ball Cap
 - Surface mount

News Rack

- SHO-Rack by Kaspar Wire Works, “Concourse” model
 - Metal integrated modular design with 2, 4, or 6 news boxes, pedestal surface mount
 - Dark Green or custom Verde Gris powder coating
- Equivalent: K-Jack “The Stacker”
- Custom Option: City of Ventura style cabinet by LNI Custom Manufacturing
 - Hip roof design
 - Dark Green or custom Verde Gris powder coating

Trash and Recycling Receptacle

- Timberform Craftsman #2667 (same as existing)
 - Optional ash/dome top
 - Does not have side access
 - Optional custom lettering and/or graphic
 - Dark Green or Custom Verde Gris powder coating
 - \$1,950 each
- Option (with side access): Victor Stanley SD-42
 - Metal ribbing with Dark Green or custom Verde Gris powder coating
 - Has side door
 - Recommend matching bench option

Tree Grate

- 4' x 6' street trees and 4' x 4' corner accent trees
- ADA compliant
- Recommend “bare” self-oxidizing finish on all grates as most cost-effective. This will look “rusty” when first installed but will develop dark brown/grey patina over time.
- Black or dark green powder coated finish can be added for approximately \$400 - \$500 per grate. This provides a more finished appearance, but at a cost, and is subject to wearing over time.
- Custom lettering/logo incorporation is possible with some grates
- Listed in order of consultant’s preference:
 - Preference 1: Historic/Ornate
 - Option 1: Model DTN style by Olympic Foundry
 - Option 2: LP style by Olympic Foundry
 - Option 3: LPT style by Olympic Foundry
 - Option 4: CNK style by Olympic Foundry
 - Preference 2: Contemporary
 - Option 5 –Marina by Ironsmith (water theme)
 - Option 6 – STA style by Olympic Foundry
 - Custom Options
 - Salmon grate by Olympic Foundry
 - Other custom fish/lake/boat design
 - Potential for integration of public art

Monument/Seatwall

- Pre-cast concrete
- Custom design, see plans
- Optional street names/graphic/logo incorporation

SIGNAGE

Street Names

- Conventional metal sign and pole with custom artwork
- Optional historic pole
- Optional brass plaques on concrete monuments

Traffic and Regulatory Signage

- Per civil plans

TACTILE WARNING MAT

- Option 1: composite polymer concrete
 - Choice of colors available
- Option 2: cast iron
 - Bare iron finish, similar to tree grates
 - Optional brick red powdercoating

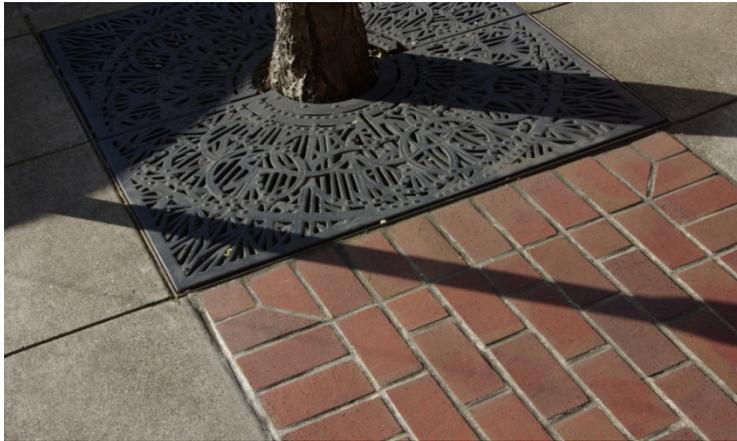
SIDEWALK ACCENT PAVING

- Option 1: Split brick pavers mortared in place
- Option 2: Interlocking brick pavers
- Option 3: Interlocking concrete unit pavers
- Option 4: Stamped concrete

CROSSWALK PAVING

- Option 1: Duratherm impressed asphalt
- Option 2: Interlocking brick pavers
- Option 3: Interlocking concrete unit pavers
- Option 4: Stamped concrete

SIDEWALK ACCENT PAVING



Split Brick Pavers – mortared in place



Sand-Set Brick Pavers



Stamped Concrete

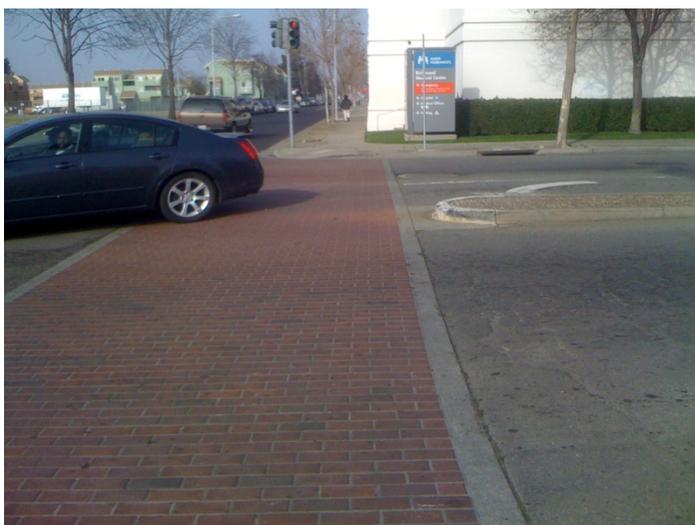
CROSSWALK PAVING



Stamped Asphalt



Brick (installed late 1970's)



Brick (installed 1990's)

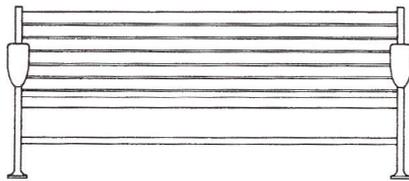
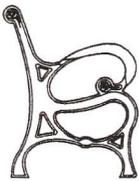
For product information or design assistance, please contact your local representative or call us at 1-800/547-1940, Ext. 991.

See more at www.TimberForm.com



TimberForm Restoration	Model	Length	Width	Height	Seat Height	Mounting
Bench with Armrests	2118-3	3' 0" [915mm]	2' 3" [685mm]	2' 10" [865mm]	1' 4" [405mm]	Surface*
	2118-6	6' 0" [1830mm]	2' 3" [685mm]	2' 10" [865mm]	1' 4" [405mm]	Surface*
	2118-8	8' 0" [2440mm]	2' 3" [685mm]	2' 10" [865mm]	1' 4" [405mm]	Surface*

- Material:** Frames of black powder-coated cast iron with kiln-dried 6/4 and 8/4 patterned Alaska yellow cedar wood slats.
- Options:** Frame color, Marine Teak or Purpleheart wood slats and **powder-coated metal slats**. Can be special ordered with customer's name and/or logo cast in bench ends and/or without decorative rose in casting.
- Suggestions:** Specify matching litter container **2107** and ash receptacle **2108**. Also see complementary litter container **2136** and ash receptacle **2137** (see page 65). Matching planters are available.
- Notes:** * For permanent or movable applications only (anchoring bolts by others).



2118

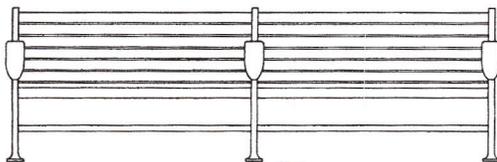
2118-6

TimberForm Restoration	Model	Length	Width	Height	Seat Height	Mounting
Bench with Intermediate Armrest(s)	2119-7 ¹	6' 11" [2110mm]	2' 3" [685mm]	2' 10" [865mm]	1' 4" [405mm]	Surface*
	2119-8 ¹	7' 11" [2415mm]	2' 3" [685mm]	2' 10" [865mm]	1' 4" [405mm]	Surface*
	2119-10 ¹	9' 11" [3025mm]	2' 3" [685mm]	2' 10" [865mm]	1' 4" [405mm]	Surface*
	2119-12 ¹	11' 11" [3630mm]	2' 3" [685mm]	2' 10" [865mm]	1' 4" [405mm]	Surface*
	2119-14 ²	13' 11" [4240mm]	2' 3" [685mm]	2' 10" [865mm]	1' 4" [405mm]	Surface*
	2119-16 ²	15' 11" [4850mm]	2' 3" [685mm]	2' 10" [865mm]	1' 4" [405mm]	Surface*

WITH CENTER ARM REST

- Material:** Frames of black powder-coated cast iron with kiln-dried 6/4 and 8/4 patterned Alaska yellow cedar wood slats.
- Options:** Frame color, Marine Teak or Purpleheart wood slats and **powder-coated metal slats**. Can be special ordered with customer's name and/or logo cast in bench ends and/or without decorative rose in casting.
- Suggestions:** Specify matching litter container **2107** and ash receptacle **2108**. Also see complementary litter container **2136** and ash receptacle **2137** (see page 65). Matching planters are available.
- Notes:** * For permanent or movable applications only (anchoring bolts by others).
¹ Includes one intermediate frame with armrest.
² Includes two intermediate frames with armrest.

OPTIONAL CUSTOM LETTERING



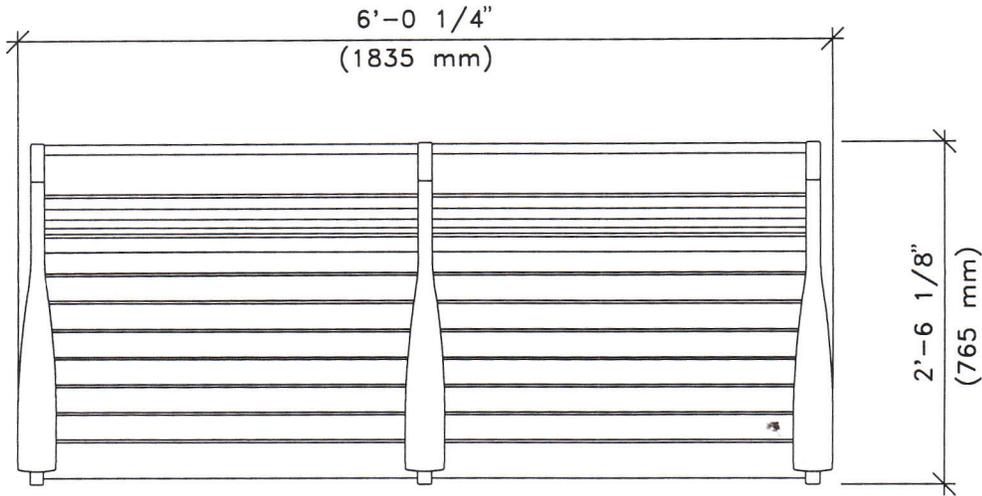
2119

2119-8

OPTION

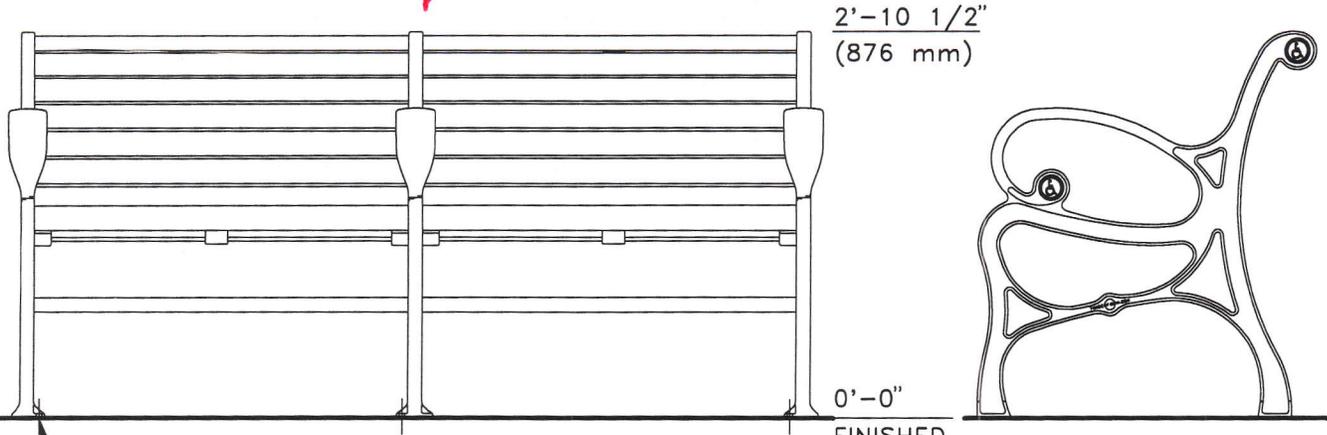
#1,120

BENCH



TOP VIEW

OPTIONAL CENTER ARM



1/2" (13 mm) DIAMETER HOLES PROVIDED FOR ANCHORS BY OTHERS. (TYPICAL-6)

0'-0"
FINISHED GRADE

FRONT VIEW

END VIEW

AVAILABLE IN 6' (SHOWN), AND 8' NOMINAL LENGTHS. OTHER LENGTHS AVAILABLE UPON REQUEST.

CAN BE SPECIFIED WITH ACCESSIBLE (SHOWN) OR WITHOUT GRAPHIC. CUSTOM GRAPHIC AND/OR LETTERING AVAILABLE UPON REQUEST.



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Makers of TimberForm®, PipeLine®, RePlay®, TimberForm®-2, InterPlay®, CycLoops® and CycLocker® Products.

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Portland, Oregon 97201-3464 Facsimile 503/223-4530
U.S.A.

WWW.TIMBERFORM.COM

Title: TIMBERFORM RESTORATION
MODEL NO. 2119-6-ADA
ACCESSIBLE BENCH WITH
INTERMEDIATE ARMRESTS

Drawing No.
W-2119-6-ADA

Sheet
1 of 1

BENCH



Benches - Steelsites™ RB Series RB-28

▶ view all featured products in series

1 of 7 Next

▶ printable page



Model RB-28: Steelsites™ RB Series Bench

Model RB-28: The fabulous RB-28 bench is a worldwide favorite. 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. Steelsites™ RB benches feature 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 1/4 x 1-1/2 (6.4 x 38.1 mm) steel seat members gently reverse contoured for maximum comfort.
- Finished end sections are 1/2 x 2 (12.7 x 50.8 mm) solid steel bar, welded and ground.
- Integral welded end armrests are standard.

Lengths:
4, 6 or 8 ft. (1.2, 1.8 or 2.4 meters).

Options:
Intermediate armrests.

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

 [ADA Compliance Notice](#)

▶ [More Options](#)

▶ [Product Library](#)

Worldwide Installations:

- ▶ "Jazz dream at Nagashima" Shopping Center (3 of 5), Japan
- ▶ Arboretum & Temple Gardens, Lincoln, England
- ▶ Aurora Public Library, Aurora, Canada
- ▶ Bloomsbury Square, Camden, England
- ▶ Borough of Eastleigh, Hampshire (2 of 2), England
- ▶ More

Coordinating Products



Steelsites™ Series
NSDC-36

BENCH -
OPTIONAL MODEL



← SHOWING
BENCH OPTION WITH
TRASH RECEPTACLE OPTION

BENCH -
OPTIONAL MODEL



BICYCLE PARKING THAT REFLECTS YOUR VISION

HOME VISION BIKE RACKS SPECIFICATIONS INFO EXPLORE CONTACT US MADRAX

February 03, 2011



MADRAX BOL-CL-2-SF-P
BICYCLE BOLLARD

Bicycle Parking Systems

BICYCLE RACKS

- [Advocate Bicycle Rack](#)
- [Bike Bench™](#)
- [Bike Storage - Vertical Wall Mount Bollards](#)
- [Bollards \(with Bike Rack\)](#)
- [Capitol Square™](#)
- [Challenger Plus](#)
- [Circa 2000™](#)
- [Classic™](#)
- [Cyc Bircac™](#)
- [DuraLocker](#)
- [DuraLocker \(Pie Shaped\)](#)
- [Genesis™](#)
- [Gramercy™](#)
- [Grand Stand](#)
- [Gridrac](#)
- [Heavy Duty Challenger](#)
- [Heavy Duty Winder](#)
- [Highwheeler™](#)
- [Keyrac II™](#)
- [Keyrac™](#)
- [New! Classic Bollards](#)
- [New! Horizontal Storage](#)
- [New! Meter Rack](#)
- [New! Mini Advocate](#)
- [New! Oasis Bike Rack](#)
- [New! Orion](#)
- [New! Shark™ Single Sided](#)
- [New! Shark™ Double Sided](#)
- [New! Skateboard Rack](#)
- [New! Skateboard Rack \(Wallmount\)](#)
- [Sentry™ \(1 Bike\)](#)
- [Sentry™ \(Double Side\)](#)
- [Sentry™ \(Single Side\)](#)
- [Spartan™ \(Double Side\)](#)
- [Spartan™ \(Single Side\)](#)
- [Square 'U' Rack](#)
- [Triton™](#)
- ['U' Rack](#)
- ['U' Rack \(with Lean Bar\)](#)
- ['U' Racks on Rails \(#1\)](#)
- ['U' Racks on Rails \(#2\)](#)
- [U-Two](#)

New! Classic Bollards



New! Classic Bike Bollards are the ideal dual-pu. They can be used to limit access to bike-only tr while providing riders with secure parking. The security and/or traffic barriers. Bike bollards ca a time.

Bollards are available in a galvanized or powder removable galvanized mount, a welded-on eye round arms.

Image or description may not represent all possible product options.

Product Number BOL-CL-2-SF-P

CAD (DWG):

[BOL-2](#)
[BOLCL-2](#)

Product Files

CAD (PDF):

[BOL-2](#)
[BOLCL](#)

SketchUp (SKP):

[BOL-2.skp](#)
[BOLCL-2.skp](#)

Select Options

- Ball Cap**
 - Bollard Without Ball Cap
 - Classic Bollard With Ball Cap
- Installation Method**
 - Surface
- Finish/Material**
 - Powder Coated
- Quantity** 1



BOLCL-2-SF-P

\$220 SURFACE MMMT
w/ STD. POWDER COAT

BICYCLE BOLLARD

News Rack

Concourse series

The Architect/Planning Office coordinates news rack consolidation and new rack placement, to reduce clutter and ensure circulation routes are kept free of randomly placed individual racks. The Concourse series news rack is designated as the campus standard. It can be installed as a single or double high set of racks, and can be single or double sided. A concrete pad below the racks is needed for anchoring. Both commercial publications and Stanford papers may be represented, as space and user demand allows.

Specifications:

- Color: Low-sheen Carbon Black, Kelly Moore #1245-407, or equal if approved.
- Graphics to be installed below glass surface, white letters only.
- Installed generally using modules of 2, 4, and 6 news boxes.
- Mount according to the manufacturer's specifications onto a concrete surface.
- Preferably installed to maximize public use and minimize visual impact, in areas of high pedestrian traffic.

Manufacturer / Model:

SHO-Rack by Kaspar Wire Works, Inc. 1-800-527-1134, Model: "Concourse."



#1,200 (UNIT
(2 BOXES)

Newsrack and Bases

Newsrack design consists of two different custom-built concrete bases, both of which use the same pre-fabricated modular unit to hold the newspapers.

Newsrack

- Company:** K-Jack
- Product Number:** 'The Stacker'
- Dimensions:** 72"w x 46.5", 48" or 59"h – newsrack only
- Description:** 14.5" Paper capacity, Heavy Gauge Reinforced Steel Sheet, "Snap Out" Automatic Self-Acting Coin mechanism, K-Jack "Lexan" Plastic Door, Adjustable Paper Holder
- Price:** \$2,155 per 6-rack modular unit
(assumes minimum quantity purchase of 25 units)
- Website/Contact:** <http://kjack.com/kj50.htm>
- Notes:** Selection of base type will depend on site conditions. Price of 6-rack modular unit does not include legs.



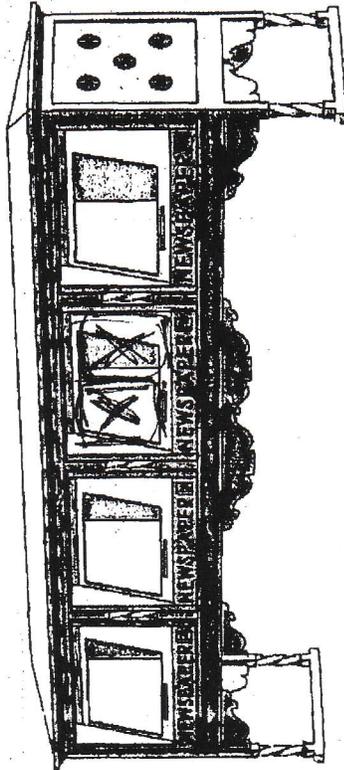
EQUIVALENT NEWSRACK

City of Ventura

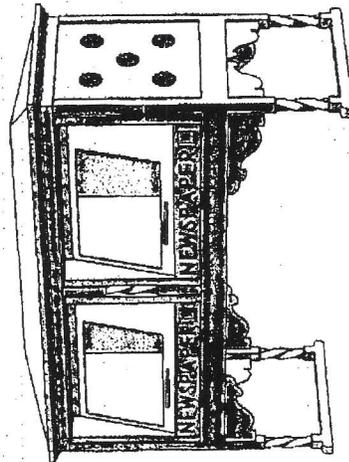
Newspaper Vendor Cabinets

11/5/09

FOUR POINT NEWSPAPER CABINET (QTY 14)



TWO POINT NEWSPAPER CABINET (QTY 6)



CUSTOMER APPROVAL REQUIRED:

MANUFACTURING WILL START WHEN LNI CUSTOMER MANUFACTURING RECEIVES A SIGNED AND APPROVED DRAWING & PERMIT. PLEASE RETURN ONE COPY TO LNI

- APPROVED AS SUBMITTED
- APPROVED AS REDLINED/NOTED
- REVISE AND RESUBMIT PER REDLINE

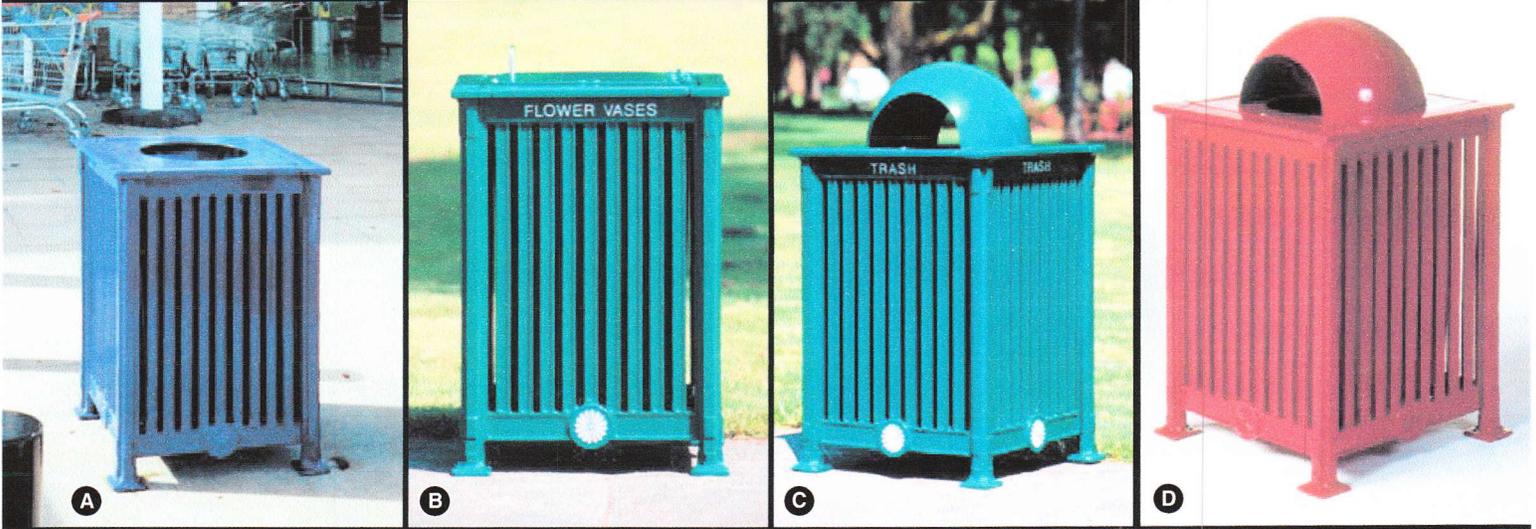
DATE: _____

SIGNATURE: _____

CUSTOMER APPROVAL REQUIRED
Since 1952

2009 LNI CUSTOM MANUFACTURING INC.
12536 CHADRON AVE., HAWTHORNE, CA 90250
PHONE: 310.978.2000 FACSIMILE: 310.978.4000
HTTP://WWW.LNISIGNS.COM



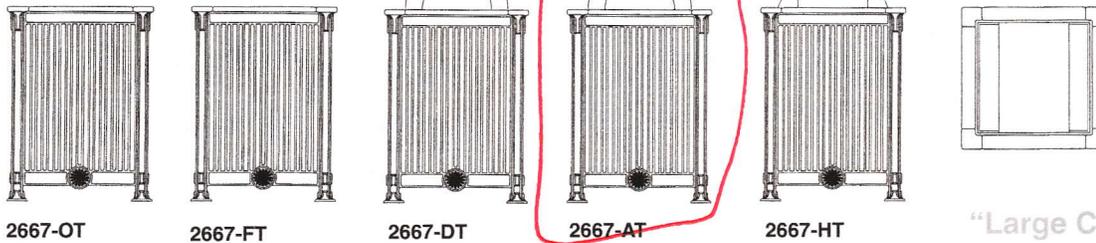


TimberForm Craftsmen	Style	Model	Length	Width	Height	Mounting
Litter Container	Open Top	2667-OT	2' 1" [635mm]	2' 1" [635mm]	2' 10" [865mm]	Surface*
	Flat Top	2667-FT	2' 1" [635mm]	2' 1" [635mm]	2' 10" [865mm]	Surface*
	Dome Top	2667-DT	2' 1" [635mm]	2' 1" [635mm]	3' 7" [1090mm]	Surface*
	Ash/Dome Top	2667-AT	2' 1" [635mm]	2' 1" [635mm]	3' 7" [1090mm]	Surface*
	Hamper Top	2667-HT	2' 1" [635mm]	2' 1" [635mm]	3' 5" [1040mm]	Surface*



Material: Frame of black powder-coated cast iron. Supplied as standard with chrysanthemum graphic in frames.
Options: Frame and top color. Can be special ordered with rhododendron or custom graphic and/or lettering in frames.
Notes: Includes 36-gallon plastic liner. Top matches frame unless otherwise specified except the hamper top which is brushed stainless steel.
 Key-locking tops are standard on -FT, -DT and -AT models.
 * For permanent or movable applications only (anchoring bolts by others).

Optional Cast Lettering



2667-OT 2667-FT 2667-DT 2667-AT 2667-HT

"Large Capacity"

TimberForm Craftsmen	Model	Length	Width	Height	Mouthguard Height(s)	Mounting
Drinking Fountain	2668-01	1' 0" [305mm]	1' 0" [305mm]	3' 4" [1015mm]	3' 3" [990mm]	Surface*
Accessible Drinking Fountain	2668-02	2' 6" [760mm]	1' 0" [305mm]	3' 4" [1015mm]	3' 0" [915mm] & 3' 3" [990mm]	Surface*

Material: Pedestal of powder-coated cast iron. Accessible arm and bowl holder of powder-coated steel. Bowl, bubbler and mouthguard of polished brass. Push-button activator of stainless steel.
Options: Powder-coating color. Can be specified with rhododendron, chrysanthemum or custom graphic.
Suggestions: Specify matching benches 2663 and 2664, seats 2660 and 2661, planters 2669 and litter containers 2667.
Notes: * Permanently mounted only (water supply by others).

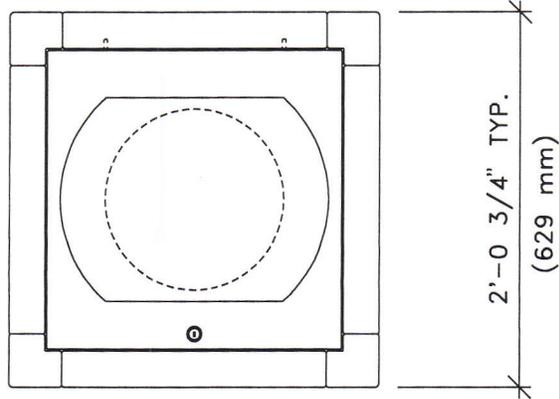


2668-01

2668-02

\$1,950

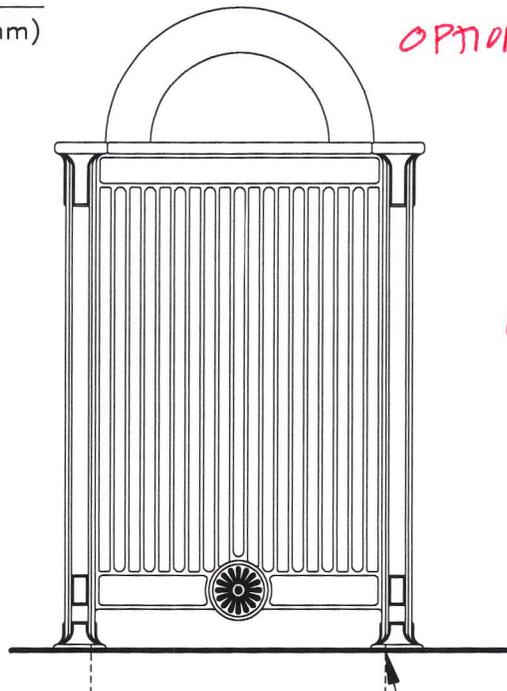
TRASH RECEPTACLE-AS - SPECIFIED



TOP VIEW

3'-7"
(1092 mm)

OPTIONAL DOME TOP / ASH TOP



(NO SIDE ACCESS)

0'-0"

1/2" (13 mm) DIA. HOLES PROVIDED FOR ANCHORS BY OTHERS. (TYPICAL-4)

FRONT VIEW

INCLUDES 36-GALLON RECYCLED PLASTIC LINER.
CAN BE SPECIFIED WITH CHRYSANTHEMUM (SHOWN) OR RHODODENDRON GRAPHIC.
CUSTOM GRAPHIC AND/OR LETTERING AVAILABLE UPON REQUEST.

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COLUMBIA CASCADE COMPANY

Makers of TimberForm®, PipeLine®, RePlay®, TimberForm®-2, InterPlay®, CycLoops® and CycLocker® Products.

1300 S.W. Sixth Avenue, Suite 310 Telephone 503/223-1157
Portland, Oregon 97201-3464 Facsimile 503/223-4530
U.S.A.

WWW.TIMBERFORM.COM

Title:
TIMBERFORM CRAFTSMEN
MODEL NO. 2667-DT
LITTER CONTAINER,
WITH DOME TOP

Drawing No.
W-2667-DT

Sheet
1 of 1

Scale
1" = 1'-0"

Drawn by: AT 07-04-10
Ck'd by:

CURRENTLY SPECIFIED



Ironsites® Series

S-42

► view all featured products in series 1 of 10 Next

► printable page



Model S-42: Ironsites® Series Litter Receptacle

Model S-42: We are proud to be the originators of the S-42 litter receptacle. It is a world-class favorite and its design and popularity inspired us to create the complete family of Ironsites® Series products. It is shown here with standard tapered formed lid.

Standard Capacities:

- S-35: 24-gallon (90 liter)
- S-42: 36-gallon (136 liter)
- S-424: 36-gallon (136 liter)
- S-45: 45-gallon (170 liter)
- SD-35: 24-gallon (90 liter) Side-Door
- SD-42: 36-gallon (136 liter) Side-Door** ✚

Options:

Side-Door litter receptacles ("SD") are a marvel of detail and structural integrity. The side-door hinges have stainless-steel hinge pins and oil-impregnated bronze bushings. They are available with either key locks or latches and with all lid options.

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.

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.

► [More Options](#) ► [Product Library](#)

Worldwide Installations:

- Abingdon Green at Parliament and Big Ben, London, England
- American Museum of Natural History, New York, New York, USA
- Catholic University of America, Washington, D.C., USA
- Christ Church Cathedral, Vancouver, British Columbia, Canada
- City Creek Park, Salt Lake City, Utah (1 of 2), USA
- More

Coordinating Products



City Sites Series™
CR-18



Ironsites® Series
S-24



Ironsites® Series
S-20

TRASH RECEPTACLE
OPTION



voice 800-323-1798
360-895-2626
fax 360-895-1284
www.fairweathersf.com
sales@fairweathersf.com

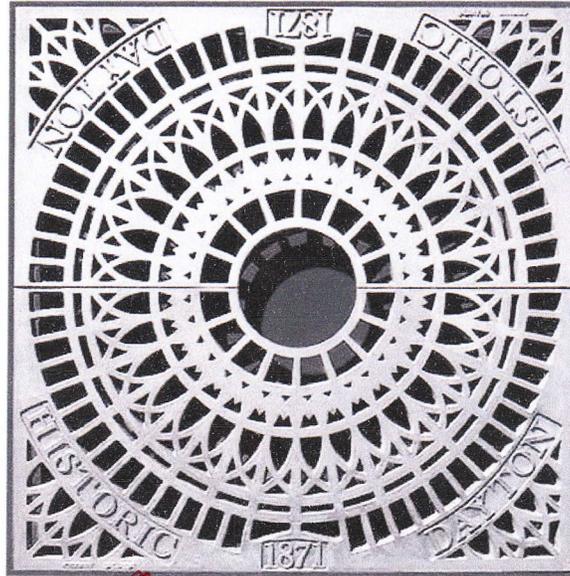


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DTN SERIES

INCORPORATION DATE
CUSTOM LETTERING COMES STANDARD

\$ 1,365

TREE GRATE
OPTION 1



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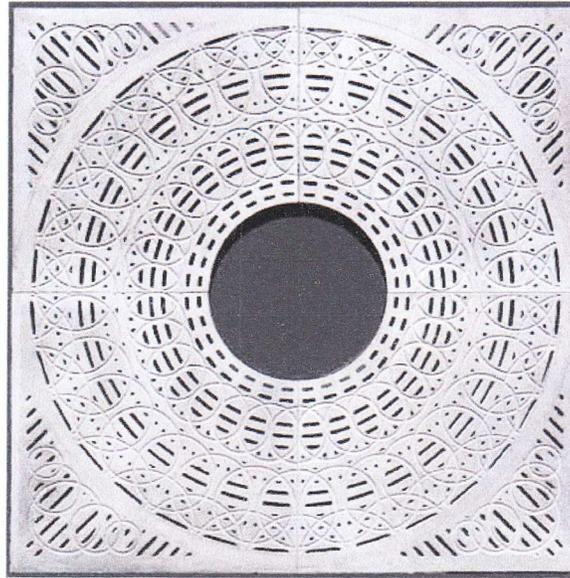


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LP STYLE

875

TREE GRATE
OPTION 2



voice 800-323-1798
 360-895-2626
 fax 360-895-1284
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sales@fairweathersf.com



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You are here: [Home Page](#) » [Decorative Castings](#) » [Tree Grates](#) » TREELPT

[←Previous](#) [Next→](#)



Model LPT Series Tree Grates

Delicate and ornate interwoven geometric patterns are fashioned for this commercial and residential quality display tree grate. ADA Compliant. Match with the LPT 6 or LPT 18 square trench grate for the balancing touch.

Please click on our "[Spec Sheets](#)" tab above for additional grate sizes.

Style	Size	Sections	Hole Diameter	Weight	Drawing
LPT 36	36" (914mm)	2	11" (279mm)	134 lbs. (61kg)	
LPT 48	48" (1219mm)	2	11" (279mm)	254 lbs. (115kg)	
LPT 60	60" (1524mm)	2	11" (279mm)	390 lbs. (177kg)	
LPT 72	72" (1829mm)	2	12" (304mm)	485 lbs. (212kg)	
LPT 4872	48"x72" (1219mm x 1829mm)	2	11" (279mm)	300 lbs. (136kg)	
LPT R36	36" (914mm)	2	11" (279mm)	106 lbs. (48kg)	
LPT R48	48" (1219mm)	2	11" (279mm)	180 lbs. (82kg)	
LPT R60	60" (1524mm)	2	11" (279mm)	362 lbs. (164kg)	
LPT R72	72" (1829mm)	2	12" (304mm)	---	

* Pattern details and options may vary with the size of the grate.

** Cast products are imported

Patina Development - Oxidation



Unfinished ductile iron goes through several natural oxidation stages ending with an attractive and protective dark gray patina which inhibits further rusting.

This process may take 1 - 5 years depending on weather and usage.

Options

- **Finishes:**
 - Bituminous
 - Corrosteel
 - [Powder coat colors](#)
- **Sizes:** per chart

Features

- ADA compliant
- Ductile cast iron
- Provided bare to develop patina

Take a look at these products too.



\$875

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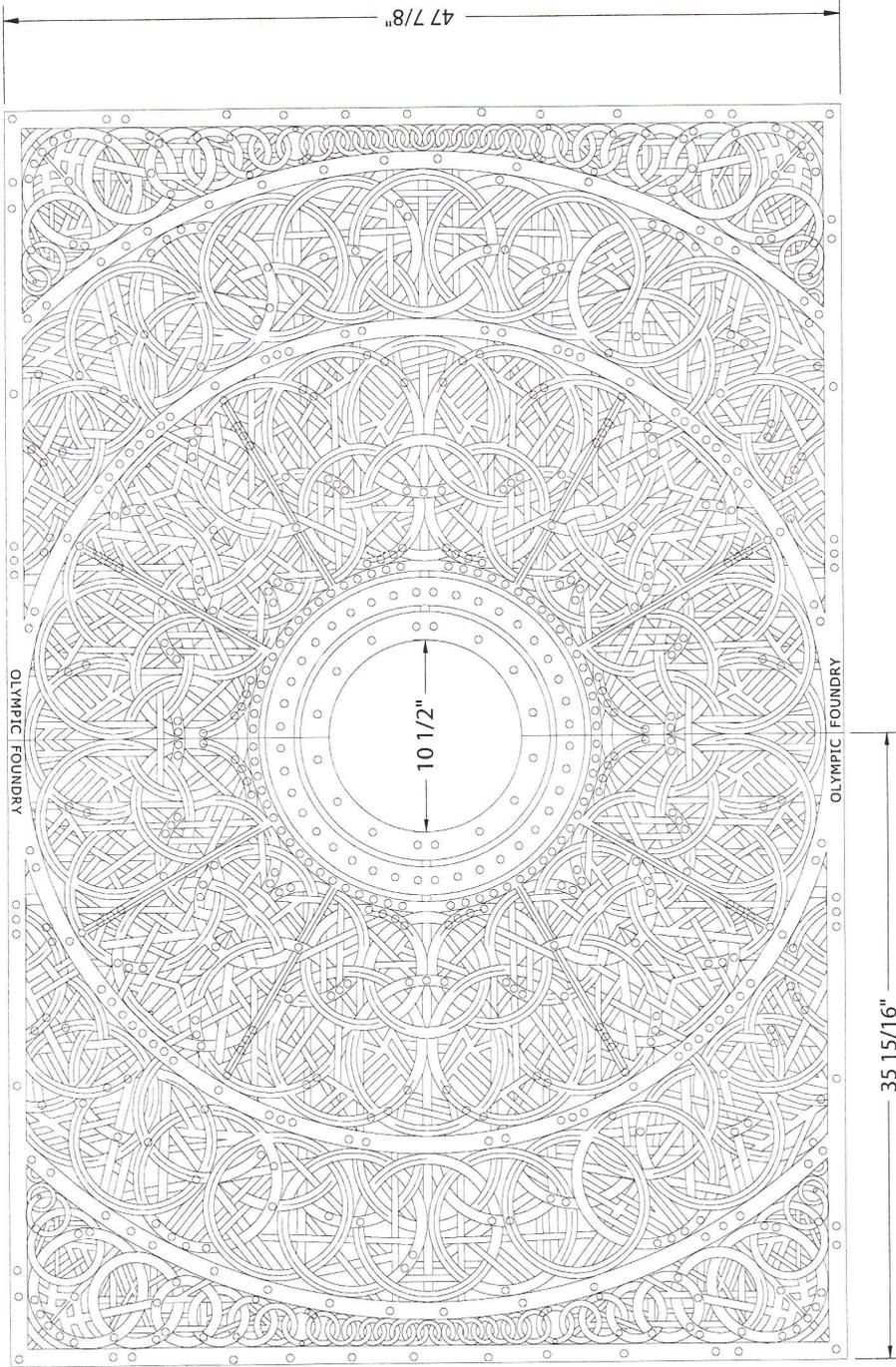
voice 360-895-2626 toll-free 800-323-1798 fax 360-895-1284

Call for current lead times.

Ask us about our **in stock** products!

**TREE GRATE
 OPTION 3**

Imported



(FROM FAIR-WEATHER)

NOTES: *TWO PIECE SET *3/4" THICK GRATE *BREAK-OUT RINGS AT 14.75" & 19"		OLYMPIC FOUNDRY INC. 48" X 72" "LPT" TREE GRATE	
MATL: DUCTILE IRON ASTM A536, CL 80-55-06 APPROX WT: 300 LBS. PER SET		RATING: ADA PART NO. 80-6020	
DOCUMENT APPROVED BY: DATE:		REV: A DATE: 05/28/04 CREATED DRAWING REV: A DATE: 9/22/04 ADDED CENTER DIMS	
TOLERANCE XXX + .06 XXX - .06 XXX ± .015		DWG #: LPT 4872 SCALE: N/A	
DWN: CL DATE: 09/22/04 CHKD: CL DATE: 09/22/04		SHEET: 1 OF 1	

ALSO MADE BY SOUTH BAY FOUNDRY

LPT STYLE
OPTION 3



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fax 360-895-1284
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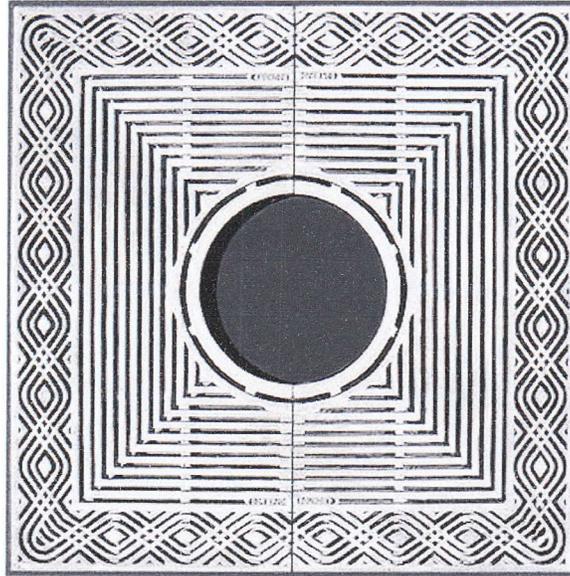


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AVAILABLE IN 48x72 SIZE

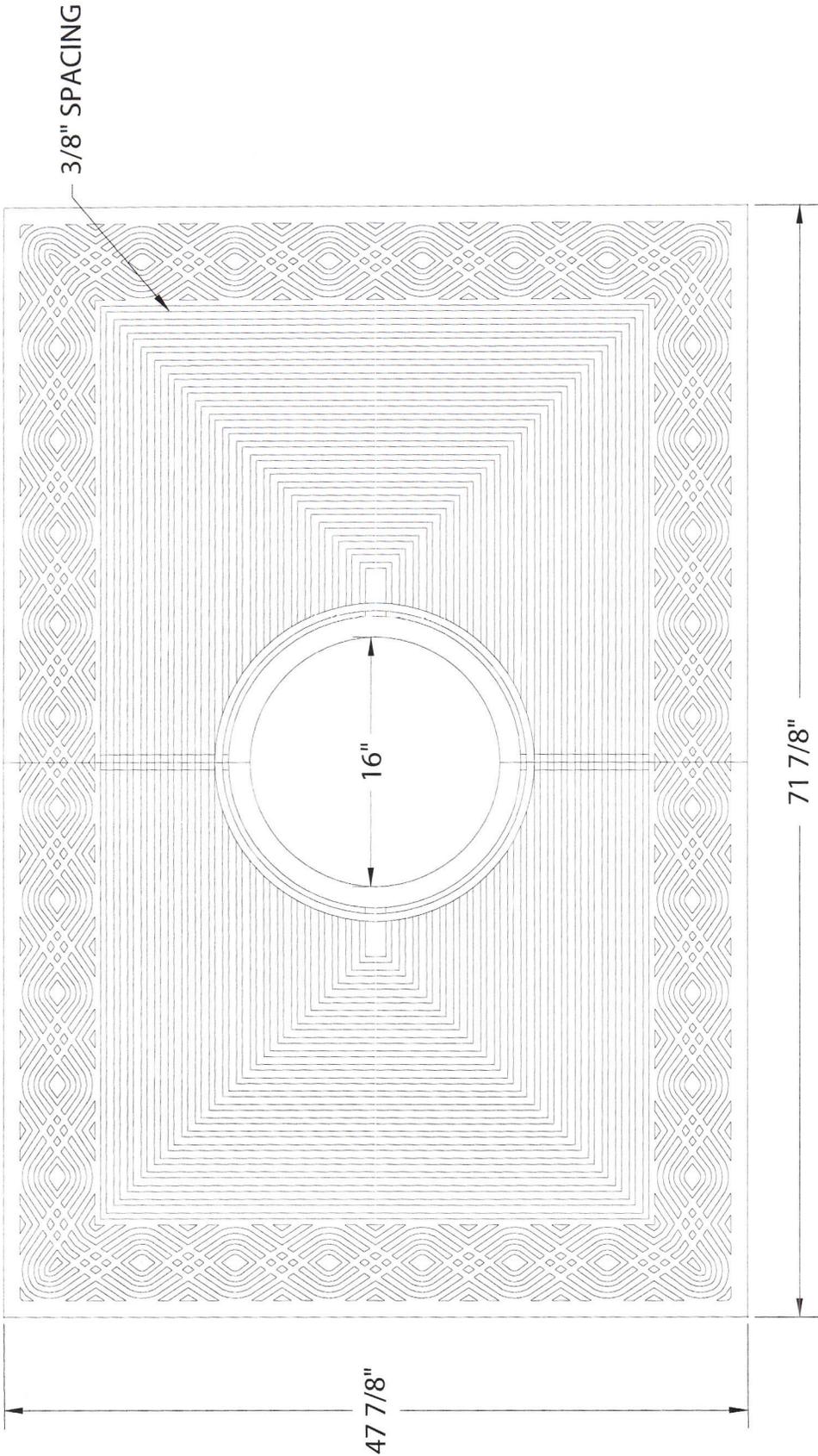
\$675

TREE GRATE

OPTION 4

CNK STYLE

Imported



NOTES:

- *MATERIAL-DUCTILE IRON ASTM A536, CL 80-55-06
- *TWO PIECE SET
- *3/4" THICK GRATE

APPROXIMATE WEIGHT: 310 LBS. PER SET

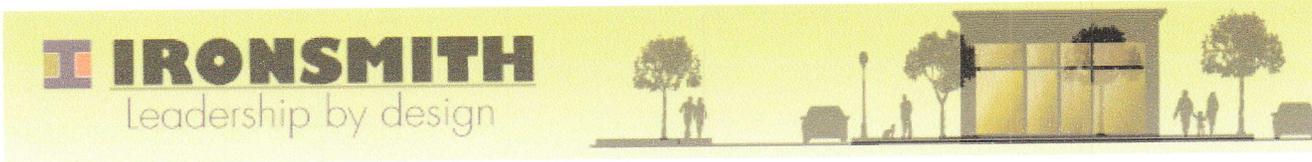
OLYMPIC FOUNDRY INC.

48" X 72" STYLE "CNK" TREE GRATE

RATING: ADA

PART NO. 80-6010

TREE GRATE OPTION 4



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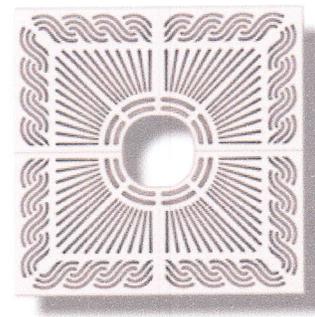
[< PREVIOUS](#) | [TREE GRATES](#) | [NEXT >](#)

Image 1 of 5



marina 3/8" to 1/2" slots

The "wave" or "braid" border adds an informal touch and teams with our matching Marina trench grate. Tree opening is 12" or 18" and the 60" size is also available with a 15" opening. Radial slots are tapered 3/8" to 1/2". Border slots are 3/8"



[List Sizes and Specs, PDF & CAD files](#)

IRONSMITH
1.800.338.4766, Outside U.S. 1.760.776.5077
Fax: 760.776.5080

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\$

TREE GRATE
OPTION 5

**4874 MARINA
TREE GRATE**

48" x 48" tree grate in two sections.

1/2 Maximum slot opening for pedestrian safety and A.D.A Compliance.

Cast from 100% recycled Iron, Aluminum, or Bronze for pedestrian loads only.

Tree opening: 12", 15", 18"
Grates can be ordered with or later expanded to these openings. please specify when ordering.

Finish: unfinished or Black dip or Enamel paint or Polyurethane Paint or Powder coat
Specify finish and color

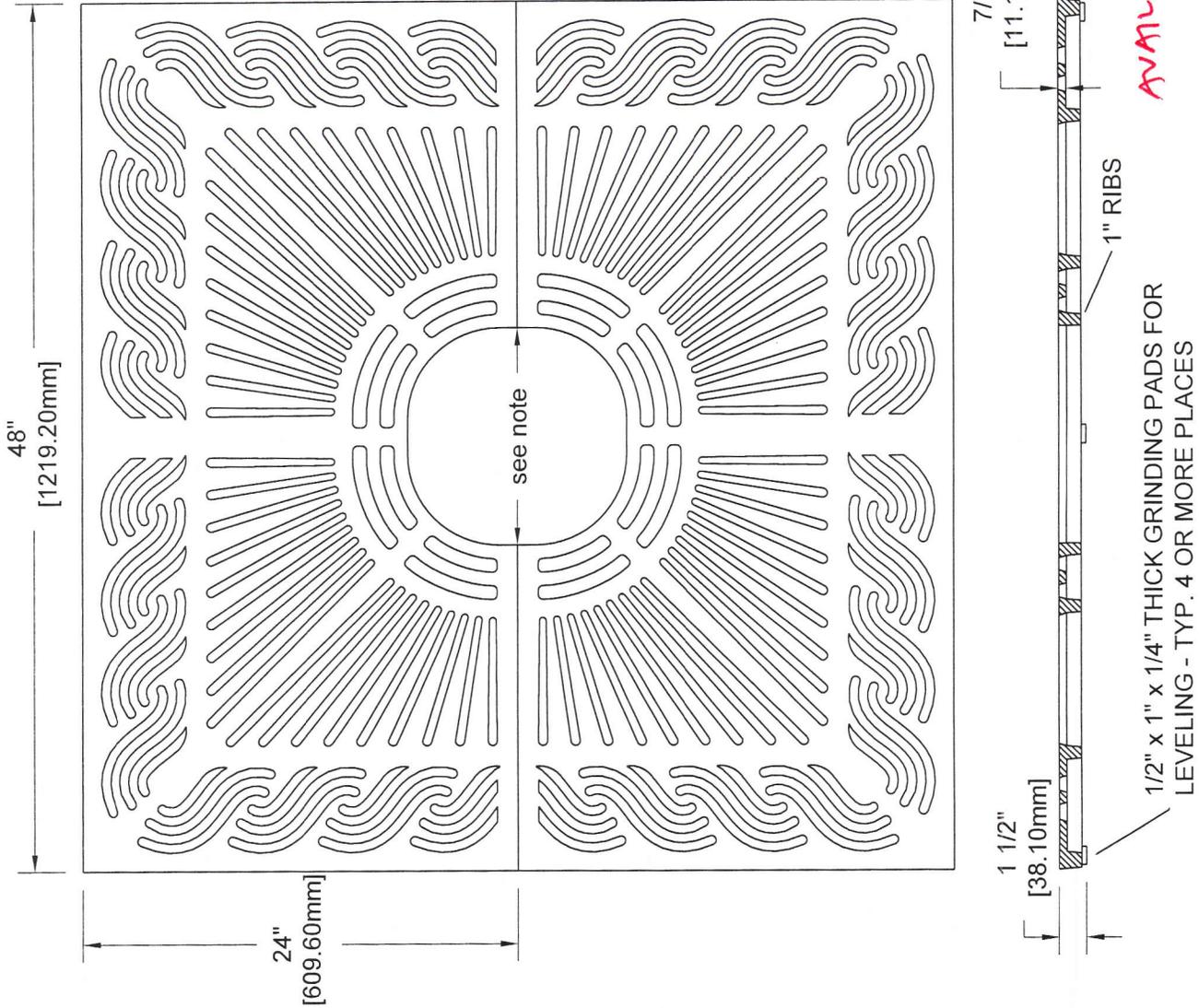
Use frame model: 4800F

Weight:
Iron = 285 lb/ 130 Kg
Aluminum = 102 lb/46 Kg

MARINA

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

OPTION 5



TREE GRATE OPTION 5

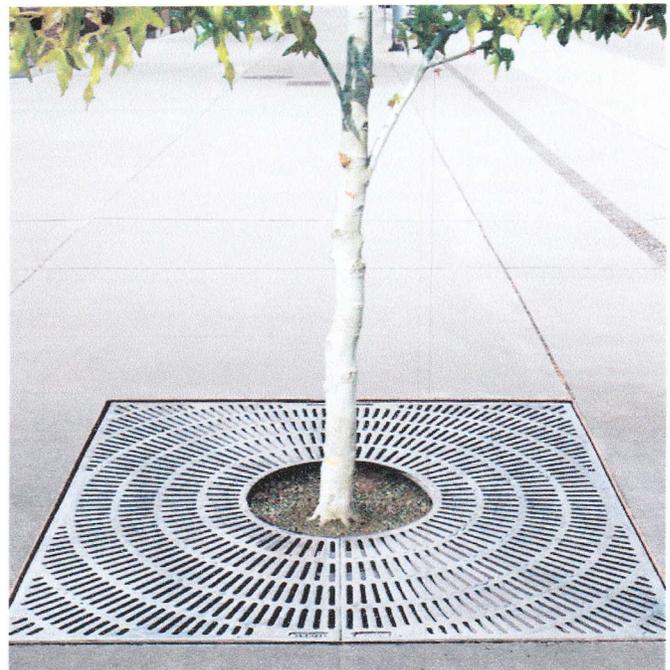
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Tree Grates

~~STA Series~~ **OPTION 6**

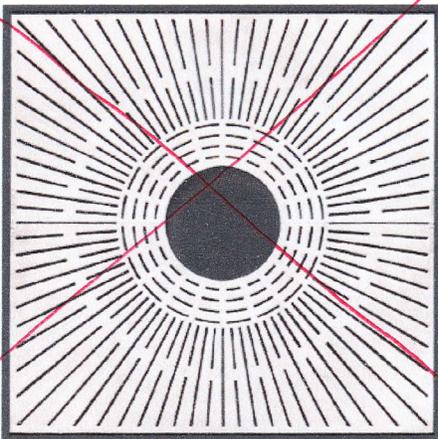
A radial burst pattern designed to keep out debris yet allow water to the root system. Available in three formats for flexibility in any commercial or residential setting. ADA Compliant.

Style	Size	Sections	Hole Dia.	Weight
STA 36	36"	2	16"	112 lbs.
STA 48	48"	2	16"	218 lbs.
STA 60	60"	2	16"	326 lbs.
STA 72	72"	2	16"	466 lbs.
STA 3672	36" x 72"	2	16"	334 lbs.
STA 4872	48" x 72"	2	16"	356 lbs.
STA-R 36	36" Dia.	2	16"	84 lbs.
STA-R 48	48" Dia.	2	16"	200 lbs.
STA-R 60	60" Dia.	2	16"	254 lbs.
STA-R 72	72" Dia.	2	16"	364 lbs.



STA Series

\$ 750

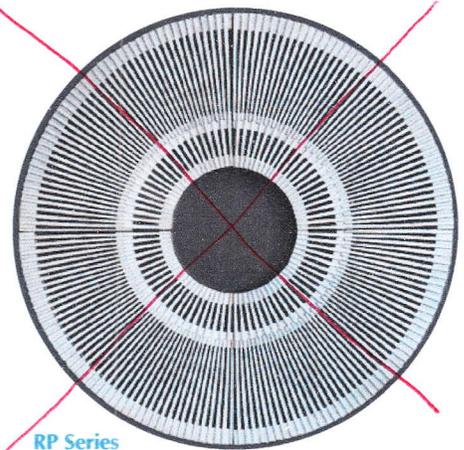


SLC Series

RP Series

Fashioned to halo the tree's trunk with a tight guard layout, the RP design is suited for foot/pedestrian traffic that might travel over grate areas. ADA Compliant.

Style	Size	Sections	Hole Dia.	Weight
RP 56	56" Dia.	4	16"	332 lbs.



RP Series



DTN Series

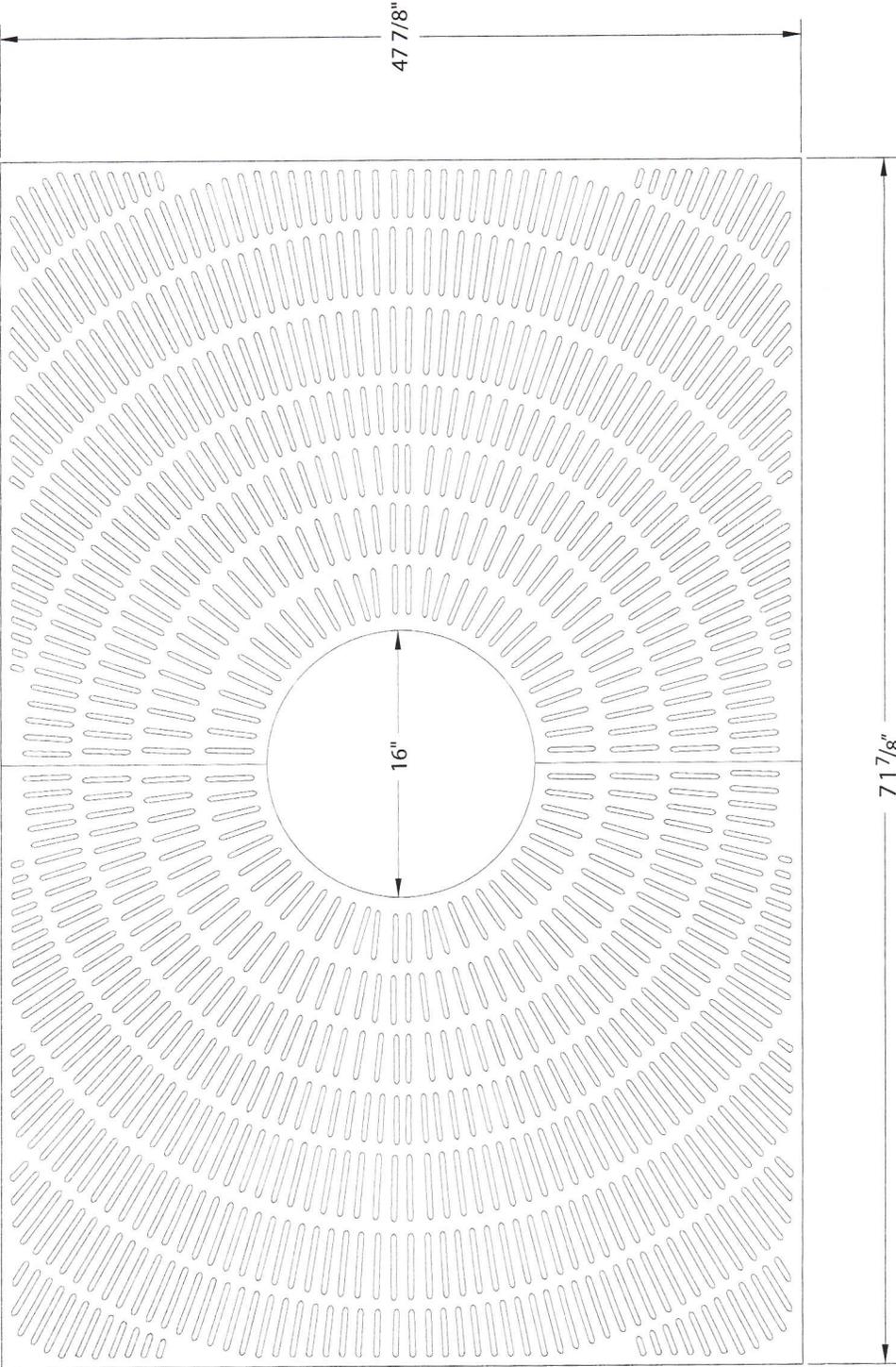
DTN Series

A clean, open web layout, designed for trees that need good water flow and protection for the root system. Easily personalized with a location name or civic area.

Style	Size	Sections	Hole Dia.	Weight
DTN 48	48"	2	10.5	306 lbs.

OPTION 6

Imported



REV. DATE: 9-11-00

OLYMPIC FOUNDRY INC.	
48" X 72" STYLE "STA" TREE GRATE	
RATING: PED	PART NO. 80-6070
APPROXIMATE WEIGHT: 312 LBS	

NOTES:
*MATERIAL: DUCTILE IRON ASTM A536, CL 80-55-06
*TWO PIECE SET
*3/4" THICK GRATE

OPTION 6



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fax 360-895-1284
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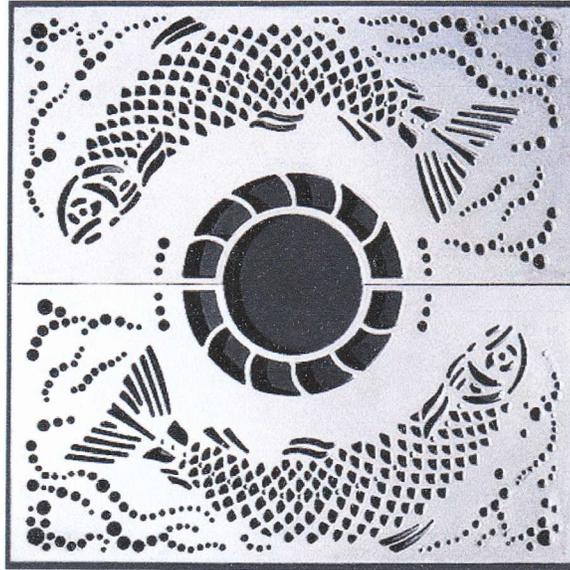
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" SALMON " STYLE

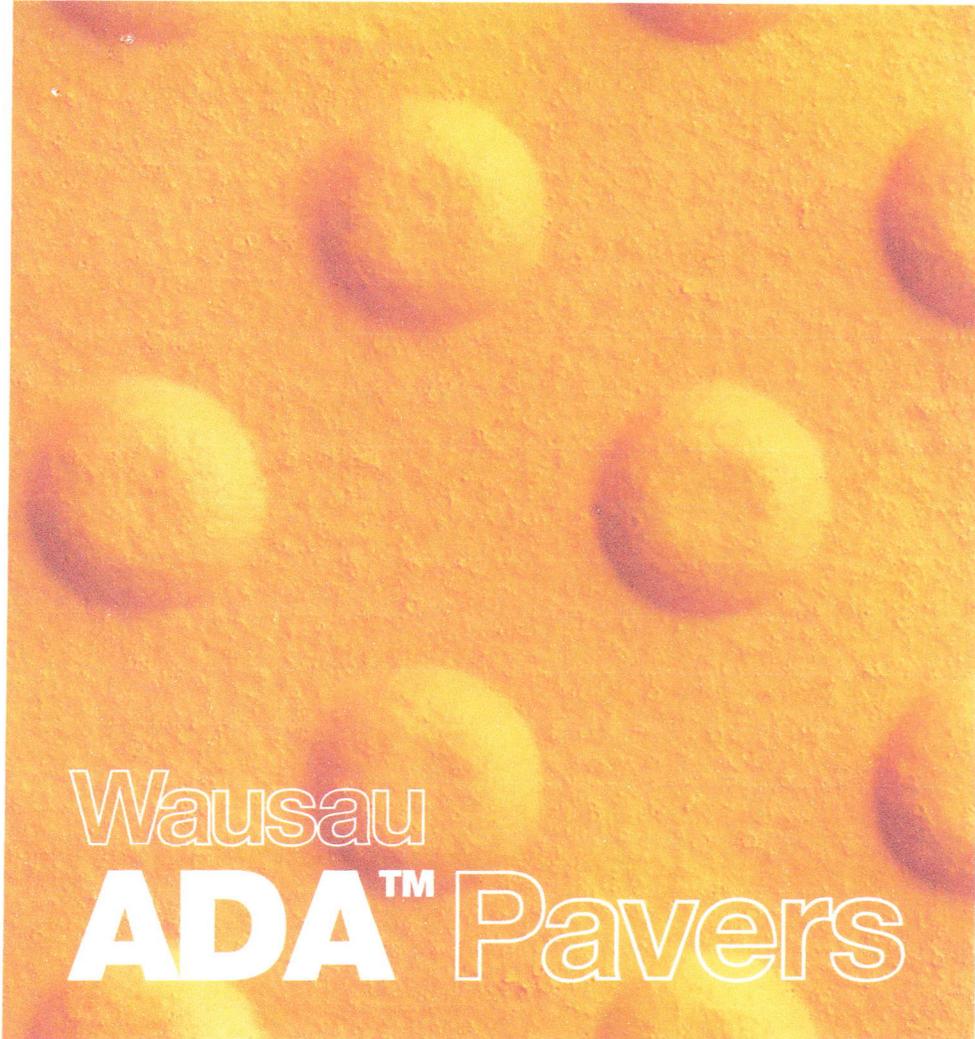
CUSTOM GRATE

PUBLIC ART CONCEPT

POSSIBLE TO USE FOR
COMMON ACCENT TREES ONLY

\$ 1,365

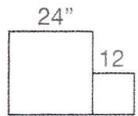
CUSTOM OPTION



TACTILE WARNING MAT

OPTION 1 - POLYMER COMPOSITE CONCRETE

Wausau ADA™ Pavers

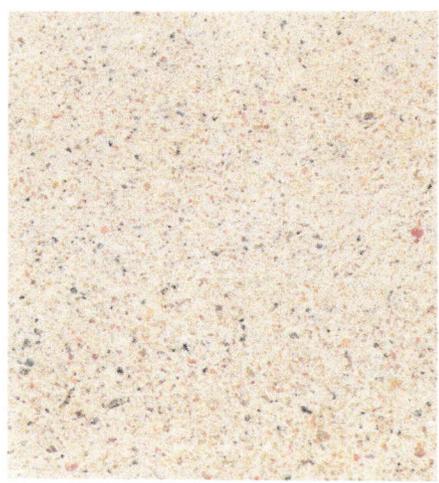


Wausau ADA pavers are available in 12" and 24" squares. Custom sizes available. "Quik Ship" items are stocked in 12" and 24" squares (2" thick) and ship within 7-10 business days. Standard Thickness = 2" - 2.75"

Wausau ADA Pavers are shown here in twelve colors and five patterns (pages 34-37). Custom colors available. ADA pavers are also available with a flat finish.

ADA Pavers are State of California Title 24 compliant.

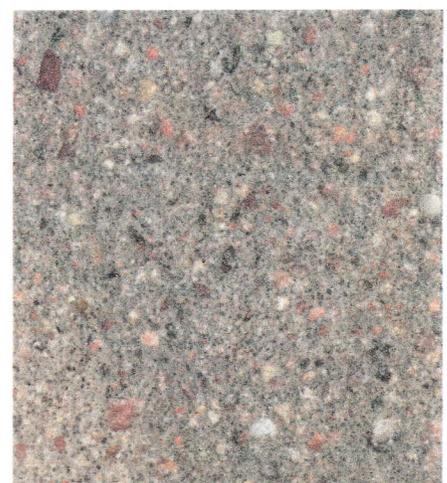
ADA-10 (U-1008)



ADA-20 (FDX-1009)



ADA-30 (FDX-2008)



Tactile Warning



Directional Bar



Available Patterns:

NOTE: COLOR
WILL NOT BE
YELLOW

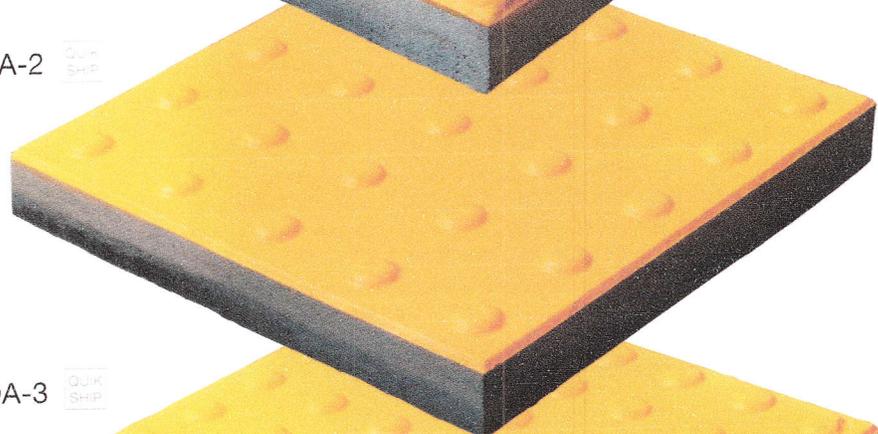


ADA-1



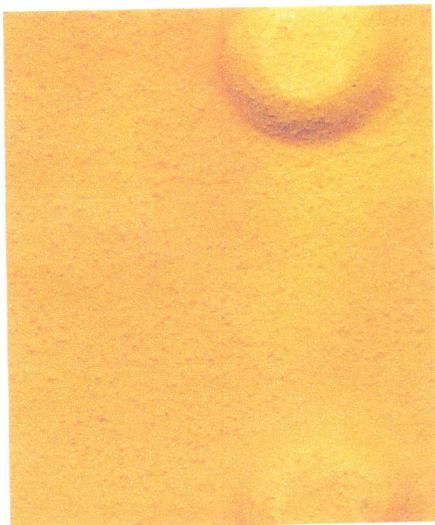
ADA-2

QUICK SHIP



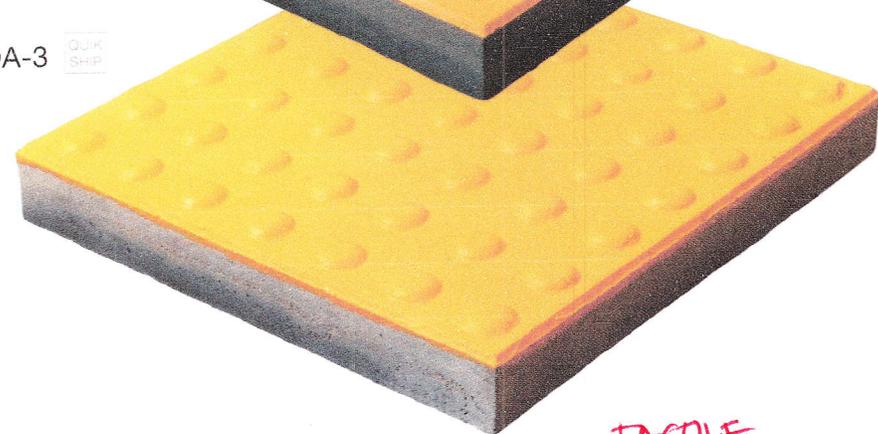
ADA-40 (33538 Federal Yellow)

QUICK SHIP

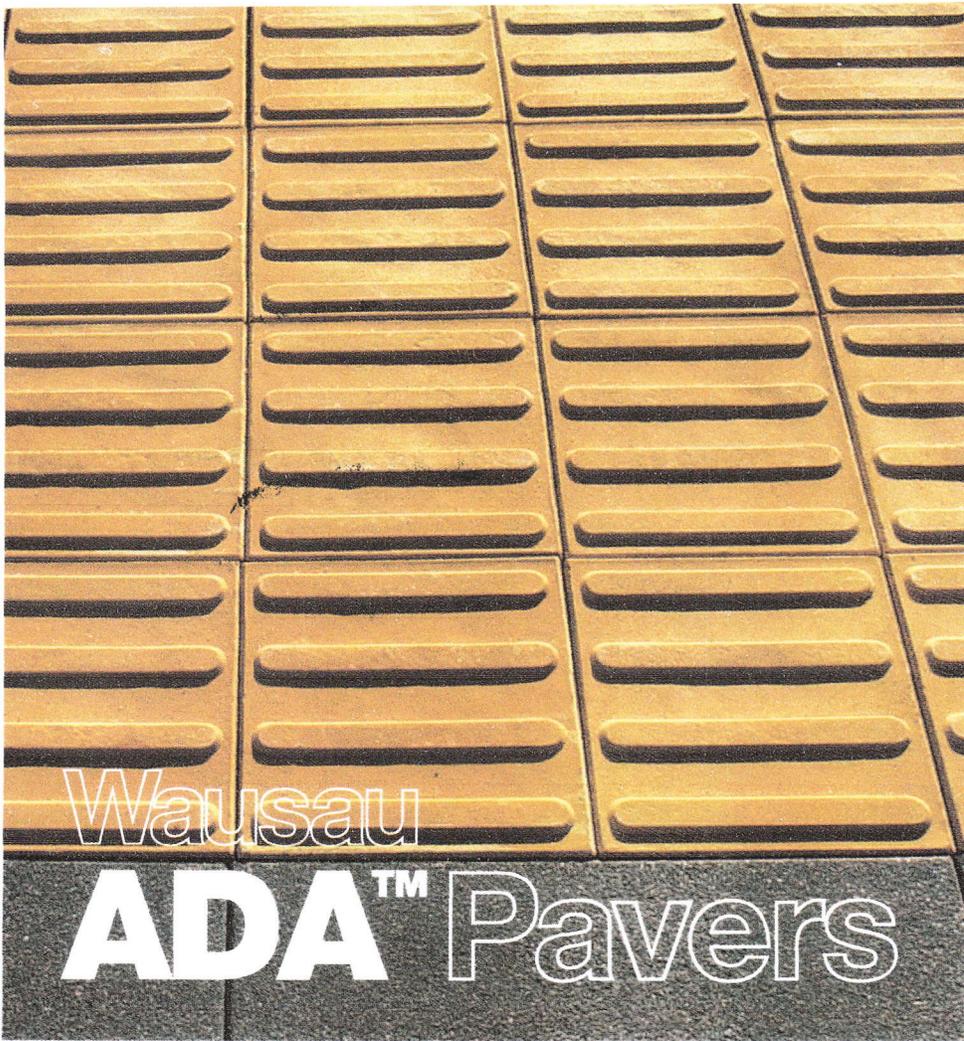


ADA-3

QUICK SHIP

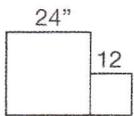


TACTILE
OPTION 1



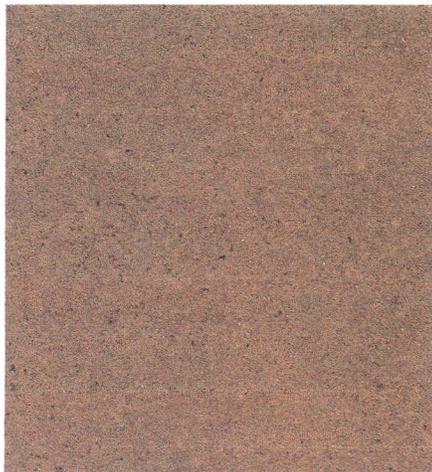
Wausau ADA Pavers are shown here in twelve colors and five patterns. Custom colors and patterns available. ADA pavers are also available with a flat finish.

ADA Pavers are State of California Title 24 compliant.

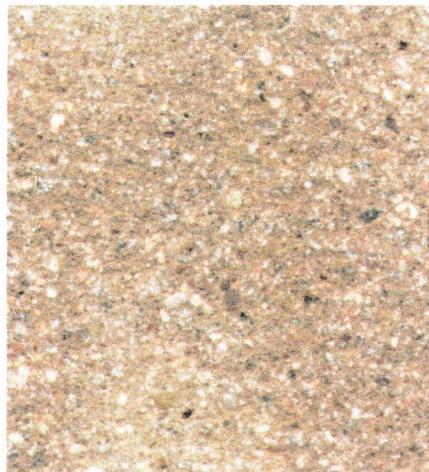


Wausau ADA pavers are available in 12" and 24" squares. Custom sizes available. "Quik Ship" items are stocked in 12" and 24" squares (2" thick) and ship within 7-10 business days. Standard Thickness = 2" - 2.75"

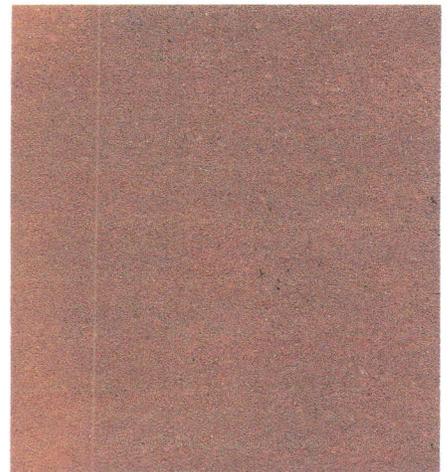
ADA-50 (U-5008)



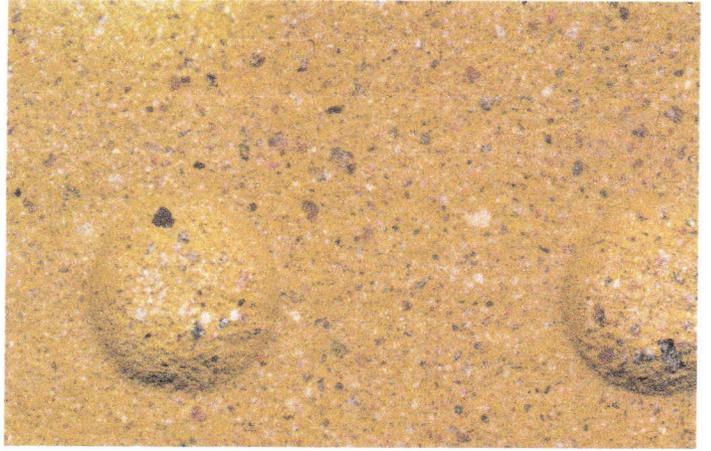
ADA-60 (FDX-5008)



ADA-70 (U-4008)



ADA-120
(FDX-SY-7008)



ADA-110
(USY-7008)



ADA-100
(FDX-3008)



USE THIS COLOR

ADA-80 (FDX-4008)

QUICK
SHIP

~~✗~~



ADA-90
(U-3008)

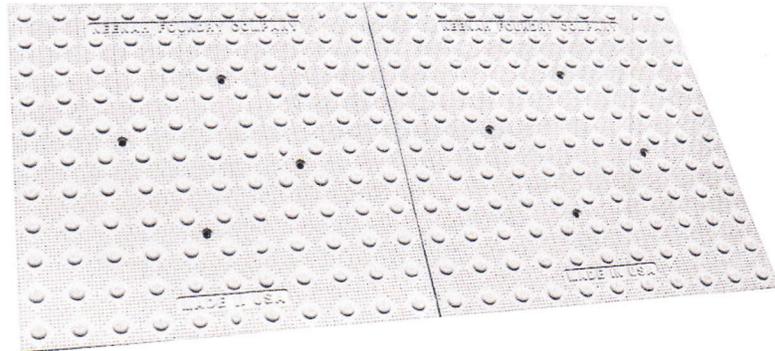


R-4984 Detectable Warning Plate

Neenah Detectable Warning Plates provide a durable cast iron solution for warning visually impaired people of pedestrian obstructions and hazards.

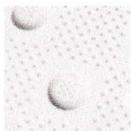
Detectable Warning Plates are available in three modular sizes: 24" x 24" square, 24" x 30", 24" x 36" and 36" x 24" rectangular. When bolted together, plates can be combined for various lengths...most commonly, 2'x4' and 2'x5' sections are installed.

Please specify finished installation size when ordering.



Modular Flexibility

- Precision 2-foot square plates
- Allows easy, accurate tiling
- Cover large areas with smooth, even seams
- Radius sections also available



Premium Material

- Low-maintenance cast gray iron
- Excellent wear resistance — virtually indestructible
- Cast iron far outlasts competitive substances
- Natural patina provides ample visual contrast



Trouble-free Installation

- Plates easily set in wet concrete
- Integral lugs ensure solid attachment
- Cap head screws can be added for extra anchorage
- Reusable spring lifting clips included

Lasting Form and Function

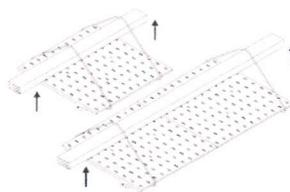
- Excellent non-skid characteristics (0.90 coefficient of friction)
- Highly resistant to snowplow damage
- Excellent adhesive properties to concrete
- Attractive natural finish requires no maintenance
- Optional powder-coated finishes available: federal yellow, optical white, brick red

NOTE: THE SUGGESTED FORMING PROCEDURES SHOWN IN THIS CATALOG ARE GENERAL SUGGESTIONS TO QUALIFIED PROFESSIONALS, AND MAY NOT BE APPROPRIATE FOR EVERY INSTALLATION.

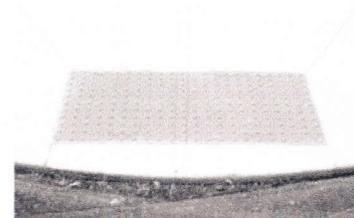
Installation Steps

1. If additional coverage is needed, bolt Detectable Warning Plates together
2. Use supplied lifting springs and 2x4 lumber to lift plates
3. Pour concrete
4. Set plates in wet concrete at final position
5. Remove lifting springs
6. Press assembly into wet concrete to final elevation
7. Finish concrete around assembly

Note: Keep wet concrete off of the top surface of the plates at all times



The reusable lifting springs supplied with each order simplify the installation process.



DETECTABLE WARNING PLATES 8