

Guide Specification Boulevard Planters

1.0 GENERAL

1.1 WORK INCLUDES

- A. Provision of Boulevard Planters

1.2 RELATED WORK

- A. Section 033000 Cast-in-Place concrete
- B. Section 129333 Manufactured Planters
- C. Section 329433 Planters
- D. Section 129300 Site Furnishings
- E. Section 062000 Finish Carpentry

1.3 SUBMITTALS

- A. Product Data: Manufacturer's standard catalog cut sheets.
- B. Samples: As required for color selection or material thickness only.
- C. For custom applications, showing critical sizes and dimensions for installation and integration with other work.
- D. Environmental Product Declarations (EPDs): Submit third-party verified and product-specific EPDs for the specified materials, demonstrating compliance with ISO 21930, 14025, and 14044, or equivalent standards.

1.4 DELIVERY, STORAGE AND HANDLING

- A. Unwrap & inspect benches after delivery for signs of damage during transit.
- B. Protect planters from damage during storage and handling.
- C. Store planters indoors if possible. Do not stand or walk on planters.
- D. Planter can be lifted by provided straps into all four corners. Lift only 6" off ground. Planter not to be loaded when mobilizing.

1.5 PROJECT CONDITIONS

- A. Contractor to provide a level surface area, adequate for the weight of planter and saturated soil of 90 lbs. per cubic sq ft.
- B. Protect units from damage by adjacent work.

1.6 WARRANTY

- A. Product will be free from defects in material and/or workmanship for a period of 3 years from invoice date.
- B. Warranty does not apply to damages from alteration, misuse, or installation damage.
- C. Normal use of these products may result in scratches, nicks, and dents. These are considered normal wear, and is not the responsibility of the manufacturer.
- D. Manufacture will, at its option repair, replace, or refund the purchase price of products that are deemed defective by an authorized representative.

2.0 PRODUCTS

2.1 ACCEPTABLE PRODUCTS/MANUFACTURERS

- A. Boulevard Planters, manufactured by Tournesol Siteworks LLC. 2930 Faber St., Union City, CA 94587 Tel: (800) 542-2282 Tournesol.com

2.2 BOULEVARD PLANTERS

A. Materials

1. Lumber –manufactured from thermally-modified wood, conforming to AWPA Use-Class UC3B, Above Ground, Exposed (see AWPA Guidance N for required tests). Manufacturer should provide documentation of the quality processes used during thermal modification. Base woods shall be FSC-certified Red Oak. Wood shall be sourced & processed entirely in the U.S. Other lumber available if specified
2. Bracket Supports – ASTM A36 hot rolled steel structure.
3. Liner – Glass fiber reinforced polyester resin, using either the hand-layup or spray-layup methods. Glass fibers shall be PPG or equivalent. For hand layup fibers should be uniform chopped strand mat, minimum 3 oz. density. Liners must use three layers. fabricated of 100% resin
4. Hardware– Stainless steel grade 18-8 wood screws, and all bolts, washers, and nuts.

B. Fabrication:

1. Lumber: All corners and edges to be rounded or eased. All attachment points to be internal and not visible. Lumber to be treated with Penofin oil prior to delivery to prevent initial weathering. To prevent long-term graying, wood must be periodically retreated.
2. Steel Brackets – Laser cut steel, formed and Welded. Powdercoated
3. Hardware – All Hardware to be internal and Hidden.
4. Fully assembled in factory

C. Performance Characteristics:

1. Lumber - corners and edges to be rounded or eased. All attachment points to be internal and not visible. Lumber to be treated with Penofin oil prior to delivery to prevent initial weathering. To prevent long-term graying, wood must be periodically retreated.
2. Steel Brackets – All exposed sharp edges removed
3. Liner – built with bulkheads or gussets and wall reinforcement to prevent wall from flexing when planter is filled with soil.

- D. Finish in Factory
 - 1. Lumber - Wood finished with Penofin oil to resist UV weathering. Penofin darkens wood upon application, wood will lighten as the oil evaporates. Reapply treatment yearly for maximum UV protection. If left untreated, wood will patina to natural gray state.
 - 2. Brackets - cleaned and treated with an iron phosphate process prior to the coating application. This process shall include a non-chromated alkaline cleaner, and an iron phosphate treatment, followed with an acidic sealer for maximum adhesion. Corrosion-resistant zinc undercoat shall be applied, 1-2mils thick. state. polyester TGIC powder, minimum 4 mils thick. Following application parts shall be baked until properly cured

 - E. Sizes:
 - 1. Standard Sizes Modular units fabricated to size by manufacturer as required to fill specified areas. Refer to catalog for standard sizes.
 - 2. Custom Sizes Custom sizes as per approved shop drawings.
- 2.3 PLANTER OPTIONS**
- A. Wood Cladding Options - Planter can be Cladded in 1,2,3 or 4 sides. 4-sides is standard.
 - B. Greenscreen Trellis or Lasercut Screens – Green screen Tellis and Lasercut screen options available. Integrated pocket connections are in planters to accommodate securing these options.
 - C. Scoops: adjacent planter walls may be lowered to allow multiple modular units appear to be one continuous unit.

3.0 EXECUTION

3.1 PREPARATION

- A. Planters Prior to planter fabrication, the contractor shall verify as-built dimensions of planter area or receptacles to ensure proper size, fit and quantity required.

3.2 INSTALLATION

- A. Planters Provide continuous basal support and Install level to permit adequate drainage and irrigation.