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**Kornegay Paseos Planter
 Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all “Specifier Notes” after editing this section.

Section numbers are from *MasterFormat 2010 Edition*.

**SECTION 12 92 33 Interior Planters
 SECTION 12 93 33 Manufactured Planters
 SECTION 32 94 33 Planters**

Specifier Notes: This section covers Landscape Forms, Inc. “Paseos” planters. Consult Landscape Forms, Inc. for assistance in editing this section for the specific application.

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Planters.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer’s product data, storage and handling requirements and recommendations, installation methods and available colors, styles, patterns and textures.
- B. Shop Drawings: Submit manufacturer’s shop drawings, including plans and elevations, indicating overall dimensions.
- C. Samples: Submit manufacturer’s samples of materials, finishes, and colors.
- D. Warranty: Manufacturer’s standard warranty.

1.3 QUALITY ASSURANCE

- A. Manufacturer’s Qualifications: Manufacturer regularly engaged in manufacture of site furnishings since 1969.
- B. Product Support: Products are supported with complete engineering drawings and design patents.
- C. Base Worth: An installed base of products worth in excess of one hundred million dollars.
- D. Assets: Excess of twenty million dollars in assets.
- E. Production: Orders are filled within a 40-day schedule.
- F. Facility Operator: Welders and machine operators are certified.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area in accordance with manufacturer's instructions. Keep materials in manufacturer's original, unopened containers and packaging until installation.
- C. Handling: Protect materials and finish during handling and installation to prevent damage.

1.5 WARRANTY

- A. Warranty Information:
 - Products will be free from defects in material and/or workmanship for a period of three years from the date of invoice.
 - The warranty does not apply to damage resulting from accident, alteration, misuse, tampering, negligence, or abuse.
 - Landscape Forms, Inc. shall, at its option, repair, replace, or refund the purchase price of any items found defective upon inspection by an authorized Landscape Forms service representative.
 - Purchasers should be aware that normal use of these high quality products can result in superficial damage affecting the finish. Scratches, nicks, and dents are to be considered normal wear and tear, and are not the responsibility of the manufacturer.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Landscape Forms, Inc., 7800 E. Michigan Ave, Kalamazoo, Michigan 49048.
 Phone: (800) 521-2546. Fax (269) 381-3455. Website www.landscapeforms.com
 E-mail: specify@landscapeforms.com

2.2 PLANTERS

- A. "Paseos" Planters

Specifier Notes: Specify size. Planters have one 2-3/8" diameter drain hole in the center of the base.

- B. Style:
 1. PS-32: 48" dia x 32"H, 30.7" base. Weighs 1930 lbs. Capacity: 8.85 cu.ft.
 2. PS-48: 44" dia x 48.27"H, 18" base. Weighs 2627 lbs. Capacity: 9.79 cu.ft.
 3. PS-17: (seat) 27.75" dia x 17"H, 16.8" base. Weighs 625 lbs.
- C. Sealant:
 1. No Sealant
 2. Alga-chem exterior sealant
 3. Bituminous interior sealant
 4. BOTH Alga-chem exterior and Bituminous interior sealants
- D. Finish/sandblasting option:
 1. Smooth finish (no sandblasting)
 2. Medium sandblasting
 3. Heavy sandblasting
- E. Drain hole (not available on PS-17):
 1. Single 2-3/8" dia drain hole
 2. Optional additional drain holes: (indicate size and quantity) _____
- F. Irrigation hole (not available on PS-17):
 1. No irrigation hole
 2. Single 1" dia drain hole
 3. Custom irrigation hole: (indicate size) _____
- G. Anchor holes (not available on PS-17):
 1. No anchor holes
 2. (3) 1" dia holes in tripod pattern

3. Custom anchor holes: (indicate size and quantity) _____

2.3 **MATERIAL**

- A. **Concrete**: Manufacturer's proprietary blend of portland cement, sand, aggregate, air entrainment, and color admixture.
- Use only one brand, type and source of cement for entire Project.
 - Provide integral colored concrete with lightfast (UV and fade resistant) color pigments.
- B. **Water**: Clean, and drinkable.

2.4 **RECYCLED CONTENT**

- A. **Planter**:
- Post-Consumer Material Content: Minimum 0 percent.
 - Pre-Consumer Material Content: Minimum 0 percent.
 - Recyclable: 100 percent.

2.5 **FABRICATION**

- A. **Formwork**:
1. Fabricate steel forms for close control of dimensions and details.
 2. Fabricate forms sufficiently rigid to meet casting tolerances.
 3. Coat formwork with form release agent.
- B. **Casting**:
1. Provide face mix for full unit depth.
 2. Fabricate units to required profiles and sizes. Execute work accurately to specified tolerances and free of broken edges. Fabricate edges straight and with clean accurate arises.
 3. Ensure exposed edges and ends match finish and texture of face of unit.
- C. **Curing**:
1. Protect units from exposure to weather until concrete strength is adequate for form removal.
 2. Cure units under identical conditions.

2.6 **FINISHES**

Specifier Notes: Specify color of concrete planters. Consult Landscape Forms, Inc. for selection of standard colors and availability of custom colors.

- A. Color: _____

PART 3 EXECUTION

3.1 **EXAMINATION**

- A. Examine areas to receive planters.
- B. Notify Architect of conditions that would adversely affect installation or subsequent use.
- C. Do not begin installation until unacceptable conditions are corrected.

3.2 **INSTALLATION**

- A. Install planters in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install planters level and plumb.

3.3 **ADJUSTING**

- A. **Finish Damage**: Contact manufacturer for assistance to repair minor damages to finish as approved by Architect.

3.4 CLEANING

- A. Clean planters promptly after installation in accordance with manufacturer's instructions.
- B. Do not use harsh cleaning materials or methods that could damage finish.

3.5 PROTECTION

- A. Protect installed planters to ensure that, except for normal weathering, planters will be without damage or deterioration at time of Substantial Completion.

END OF SECTION