PLEASE PLANT

200-100 Park Royal S, Vancouver, BC
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Product 1.4: Planters | GEO-PLT

SECTION 129300 – COMMERCIAL PLANTERS
PART 1 – GENERAL

1.1 SUMMARY
A. Section includes: Durable and aesthetically designed planters for urban plazas, corporate campuses, and public parks.
B. Related sections:
Section 033000 – Cast-in-Place Concrete for anchoring installations.
Section 024119 – Selective Site Demolition for preparation of installation areas.

1.2 REFERENCES
A. ASTM G154 – Standard Practice for Operating Fluorescent UV Lamp Apparatus for Exposure of Nonmetallic Materials.

1.3 SUBMITTALS
A. Product Data: Provide manufacturer's product data, including maintenance and installation instructions.
B. Shop Drawings: Submit detailed shop drawings, showing dimensions, material specifications, and installation details.
C. Samples: Submit finish and material samples upon request.

1.4 QUALITY ASSURANCE
A. Manufacturer Qualifications: Minimum of 5 years of experience in producing commercial-grade planters.
B. Mock-Up: Provide a mock-up of a planter for review upon request, if required by the project owner.

1.5 DELIVERY, STORAGE, AND HANDLING
A. Store planters in a dry, level, and ventilated area to prevent damage to finishes or material deformation.
B. Protect planters from moisture or excessive heat during delivery and storage.

1.6 WARRANTY
A. Provide manufacturer's standard warranty, including an 8-year structural warranty, 3 years on coatings and finishes, and 2 years on components. Consult terms and conditions for full warranty details per product type.

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PART 2 – PRODUCTS

2.1 MANUFACTURER

A. Please Plant, 200-100 Park Royal S, Vancouver, BC
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2.2 COMMERCIAL PLANTERS

A. Product Nomenclature: GEO-PLT-[Material Code]-[Dimensions]-[Finish Code]-[Customization]
Material Code: ST (Steel), AL (Aluminum), CP (Composite).
Dimensions: Length x Width x Depth (in inches).
Finish Code: PC (Powder-Coated), AN (Anodized).
Customization: IR (Integrated Irrigation), CF (Custom Finish), BR (Branding).
Example: GEO-PLT-ST-24x24x18-PC-IR (Steel planter, 24"x24"x18", powder-coated, with integrated irrigation).

B. Materials:
Frame: High-strength steel, aluminum, or composite materials.
Finish: Durable powder-coated RAL colors or anodized finishes for corrosion resistance.

C. Performance:
Weather Resistance: Withstands extreme conditions, including coastal climates and freeze-thaw cycles.
Drainage: Integrated systems prevent water pooling and promote plant health.
UV Stability: Compliant with ASTM G154 standards for prolonged sun exposure.

D. Dimensions:
Standard Sizes: Length x Width – 18"x18", 24"x24", 36"x36", 48"x48".
Depth: 12"–24" (custom sizes available upon request).

E. Customization:
Irrigation: Integrated irrigation ports for optimized plant watering.
Branding: Personalized engraving or logo application available.

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PART 3 – EXECUTION

3.1 EXAMINATION

A. Verify that the installation surface is level and free of debris.
B. Confirm dimensions and placement details with approved shop drawings.

3.2 INSTALLATION

A. Freestanding Planters: Place with optional leveling feet for stability on uneven surfaces.
B. Anchored Installation:
Prepare the substrate as recommended by the manufacturer.
Securely anchor planters to the substrate using manufacturer-approved hardware.
C. Follow the manufacturer's installation guidelines for proper positioning and alignment.

3.3 CLEANING AND MAINTENANCE

A. Cleaning: Use non-abrasive cleaners to maintain finish integrity. Avoid harsh chemicals.
B. Inspection: Check drainage systems biannually and repair or replace components as needed.

3.4 PROTECTION

A. Protect planters from impact or abrasion after installation and during the remainder of construction activities.

END OF SECTION