200-100 Park Royal S, Vancouver, BC
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Product 1.6: Trash and Recycling Receptacles | GEO-REC

SECTION 129300 – TRASH AND RECYCLING RECEPTACLES
PART 1 – GENERAL

1.1 SUMMARY
A. Section includes: Durable and sustainable trash and recycling receptacles for urban, institutional, and recreational environments.
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 E84 – Standard Test Method for Surface Burning Characteristics of Building Materials.
B. CAN ULC-S102 – Standard Method of Test for Surface Burning Characteristics of Building Materials and Assemblies.

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

1.4 QUALITY ASSURANCE
A. Manufacturer Qualifications: Minimum of 5 years of experience in manufacturing commercial-grade trash and recycling receptacles.
B. Mock-Up: Provide a mock-up receptacle for review, if required by the project owner.

1.5 DELIVERY, STORAGE, AND HANDLING
A. Store receptacles in a dry, level, and ventilated area to prevent damage to finishes or material deformation.
B. Protect receptacles 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.

PART 2 – PRODUCTS

2.1 MANUFACTURER

A. Please Plant, 200-100 Park Royal S, Vancouver, BC
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2.2 TRASH AND RECYCLING RECEPTACLES

A. Product Nomenclature: GEO-REC-[Material Code]-[Capacity]-[Finish Code]-[Customization]
Material Code: ST (Steel), AL (Aluminum), CP (Composite).
Capacity: Single or dual compartments, 20–50 gallons per compartment.
Finish Code: PC (Powder-Coated), AN (Anodized).
Customization: WL (Weather Shield Lid), CF (Custom Finish), BR (Branding).
Example: GEO-REC-ST-40-D-PC-WL (Steel receptacle, 40-gallon dual compartments, powder-coated, with weather shield lid).

B. Materials:
Body: Powder-coated steel or aluminum for corrosion resistance.
Lids: Composite or powder-coated metal with optional weather shields.

C. Performance:
Durability: Anti-corrosion and impact-resistant finishes.
Weather Resistance: Engineered to withstand extreme climates.
Fire Resistance: Certified to ASTM E84 Class A and CAN ULC-S102 standards.

D. Dimensions:
Standard Sizes:
a. Height: 36"–48".
b. Capacity: 20–50 gallons per compartment.
Custom dimensions available upon request.

E. Customization:
Weather shields for enhanced protection.
Anti-graffiti coatings for public spaces.
Personalized branding and custom finishes for unique project requirements.

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PART 3 – EXECUTION

3.1 EXAMINATION

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

3.2 INSTALLATION

A. Freestanding Receptacles: Place on a stable surface with weighted bases for stability.
B. Surface-Mount Installation:
Prepare the substrate as recommended by the manufacturer.
Use manufacturer-provided hardware to securely anchor the receptacles.
C. Follow manufacturer's installation instructions for proper alignment and stability.

3.3 CLEANING AND MAINTENANCE

A. Cleaning: Use non-abrasive detergents to clean surfaces. Avoid harsh chemicals.
B. Inspection: Conduct periodic inspections of hardware, finishes, and structural integrity, particularly in high-traffic or exposed areas.

3.4 PROTECTION

A. Protect receptacles from impact or abrasion during the remainder of construction activities.

END OF SECTION