PLEASE PLANT

200-100 Park Royal S, Vancouver, BC
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Product 1.1: Benches | GEO-BNC

SECTION 12 93 23 – SITE FURNISHINGS: COMMERCIAL BENCHES
PART 1 – GENERAL

1.1 SUMMARY
A. Section Includes:
Commercial Benches by Please Plant.

1.2 REFERENCES
A. ASTM International Standards:
ASTM B117 – Standard Practice for Operating Salt Spray (Fog) Apparatus.
ASTM G154 – Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials.

1.3 SUBMITTALS
A. Product Data: Submit manufacturer's product data including specifications, installation instructions, and warranty information.
B. Samples: Submit material and finish samples for approval.

1.4 QUALITY ASSURANCE
A. Manufacturer Qualifications:
Minimum of 10 years of experience in manufacturing similar products.
Certified to ISO 9001 Quality Management Standards.

1.5 DELIVERY, STORAGE, AND HANDLING
A. Deliver products in original, unopened packaging.
B. Store materials in a dry, secure location to prevent damage and exposure to elements.

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.
Contact: info@pleaseplant.com | +1 236-323-2179.
Address: 200-100 Park Royal S, Vancouver, BC.

2.2 PRODUCT DESCRIPTION
A. Commercial Benches – GEO-BNC Series.
Product Nomenclature:
a. GEO-BNC-[Material Code]-[Length Code]-[Feature Code].
b. Material Code: S (Steel), A (Aluminum), C (Composite).
c. Length Code: 48, 72, 96 (Length in inches).
d. Feature Code: AR (Armrests), BR (Backrest), LB (LED Lighting).
Example: GEO-BNC-S-72-AR (Steel bench, 72 inches long, with armrests).

2.3 MATERIALS
A. Frame:
High-strength steel or aluminum with powder-coated or anodized finishes for corrosion resistance.
B. Seating Surface:
Composite materials for eco-friendly applications.
Powder-coated metal with UV-stable coatings to prevent fading.
C. Hardware:
Stainless steel fasteners for secure and long-lasting assembly.

2.4 DIMENSIONS AND CUSTOMIZATION
A. Standard Dimensions:
Length: 48", 72", 96" (custom lengths available upon request).
Depth: 18"–22".
Height: 17"–18".
B. Customization Options:
Armrests and backrests for added comfort.
Integrated LED lighting for enhanced visibility and ambiance.
Custom branding or engraving for unique design applications.

2.5 PERFORMANCE CRITERIA
A. Weather Resistance: Powder-coated and anodized finishes are engineered to withstand extreme climates, including salt spray and UV exposure.
B. Load Capacity: Designed for public seating in high-traffic environments.

2.6 SUSTAINABILITY
A. Manufactured with up to 80% recycled materials.
B. Complies with LEED® Material & Resources and Sustainable Sites credits.

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PART 3 – EXECUTION

3.1 EXAMINATION

A. Verify that site conditions are suitable for installation, with stable and level surfaces prepared in advance.

3.2 INSTALLATION

A. Install benches in accordance with manufacturer's written instructions.
B. Installation Methods:
Surface-Mount: Stainless steel hardware ensures stability for permanent installations.
In-Ground Mounting: Provides enhanced stability for high-traffic or exposed areas.

3.3 CLEANING AND MAINTENANCE

A. Clean surfaces with non-abrasive detergents to maintain appearance.
B. Inspect anchoring hardware annually for stability, especially in high-use installations.

3.4 PROTECTION

A. Protect installed benches from damage during construction and final site cleanup.

END OF SECTION