PLEASE PLANT

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Product 3.4: Fire Pits | GEO-FPT

SECTION 116816 – FIRE PITS
PART 1 – GENERAL

1.1 SUMMARY
A. Section Includes: Fire pits designed for commercial, residential, and hospitality outdoor spaces, offering both heating functionality and aesthetic appeal.
B. Related Sections:
Section 033000 – Cast-in-Place Concrete for non-combustible bases.
Section 026600 – Fuel Gas Piping for gas-powered installations.

1.2 REFERENCES
A. ASTM E84 – Standard Test Methods for Surface Burning Characteristics of Building Materials.
B. CSA Standards – Certification for gas and propane burners.

1.3 SUBMITTALS
A. Product Data: Include specifications for shapes, finishes, and fuel types.
B. Shop Drawings: Provide dimensions, gas line requirements, and installation configurations.
C. Samples: Submit material finish and fire media samples upon request.

1.4 QUALITY ASSURANCE
A. Manufacturer Qualifications: Minimum of 5 years' experience in manufacturing fire pits for commercial applications.
B. Installer Qualifications: Certified professionals with experience in fire pit installation and fuel line connections.

1.5 DELIVERY, STORAGE, AND HANDLING
A. Protect fire pits and components from scratches, impacts, and weather during shipping and storage.
B. Store in a dry, secure area until installation.

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 FIRE PITS

A. Product Nomenclature: GEO-FPT-[Shape Code]-[Fuel Code]-[Finish Code]
Shape Code: RND (Round), SQR (Square), RECT (Rectangular), CSTM (Custom).
Fuel Code: GAS (Gas), WOOD (Wood), PRP (Propane).
Finish Code: SS (Stainless Steel), BLK (Black Powder-Coat), CM (Custom Finish).
Example: GEO-FPT-RND-GAS-BLK (Round fire pit using gas fuel with a black powder-coated finish).

2.3 MATERIALS

A. Structural Components:
Frames constructed from 304-grade stainless steel for corrosion resistance.
Optional powder-coated steel for additional customization.
B. Fire Media:
High-temperature ceramic or tempered glass for aesthetics and heat distribution.
C. Burners:
CSA-certified gas and propane burners rated up to 60,000 BTUs.

2.4 DIMENSIONS AND CUSTOMIZATION

A. Standard Sizes:
Round Models: 36", 48", and 60" diameter options.
Square Models: 36"x36" and 48"x48".
Rectangular Models: 48" and 72" lengths.
B. Custom Options:
Adjustable flame controls for precise heat management.
Integrated seating or tabletop functionality for multi-purpose use.

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PART 3 – EXECUTION

3.1 EXAMINATION

A. Verify that substrates are non-combustible, level, and capable of supporting the fire pit's weight.
B. Confirm clearances from flammable materials in compliance with manufacturer guidelines.

3.2 INSTALLATION

A. General Installation:
Position fire pits on stable, non-combustible surfaces such as concrete or stone.
Ensure proper alignment with gas or propane lines.
B. Freestanding Units:
Place units securely in desired locations with adequate ventilation.
C. Built-In Configurations:
Integrate into custom masonry or landscape designs using shop drawings.

3.3 CLEANING AND MAINTENANCE

A. Cleaning:
Remove debris and clean fire media to ensure even flame distribution.
Wipe surfaces with mild detergent to maintain finishes.
B. Maintenance:
Inspect gas lines, connections, and finishes annually.
Touch up chipped coatings to preserve appearance and durability.

3.4 PROTECTION

A. Protect installed fire pits from construction damage until project completion.

END OF SECTION