Part 1 General

01. Summary
   A. Section Includes:
      1. Four-seat ensemble, backed seats, extruded aluminum slats.
      2. Four-seat ensemble, backed seats, FSC® 100% Ipé hardwood slats.
         (FSC License Code: FSC-C004453)
      3. Four-seat ensemble, backed seats, stainless steel pan seats.
      4. Four-seat ensemble, backless seats, extruded aluminum slats.
      5. Four-seat ensemble, backless seats, FSC 100% Ipé hardwood slats.
      6. Four-seat ensemble, backless seats, stainless steel pan seats.
      7. Six-seat ensemble, backed seats, extruded aluminum slats.
      8. Six-seat ensemble, backed seats, FSC 100% Ipé hardwood slats.
     10. Six-seat ensemble, backless seats, extruded aluminum slats.
     11. Six-seat ensemble, backless seats, FSC 100% Ipé hardwood slats.

02. Submittals:
   A. Provide submittals in accordance with Section 01 33 00 – Submittal Procedures.
   B. Product data:
      1. Manufacturer’s standard product literature.
      2. Shop drawings.
      3. Installation instructions.
   C. Submit powdercoat finish samples for approval.

03. Quality Assurance:
   A. Manufacturer Qualifications:
      1. Minimum 15 years experience in the manufacture of site seating.
      2. Provide reference list of at least ten major transportation authorities, municipalities, universities, or other high-use public environments currently using site seating fabricated by the manufacturer.

04. Delivery, Storage and Handling:
   A. Handle products in accordance with manufacturer’s instructions.
   B. Store products in manufacturer’s original packaging until ready for installation.
   C. Protect products from impacts and abrasion during storage.

05. Warranty:
   A. Provide manufacturer’s standard warranty.
      1. Warranty terms: one year from date of invoice against defects in materials and workmanship.
Part 2 Products

01. Manufacturer

A. Basis-of-design product: provide table ensemble based on the product named:

1. Tangent Table Ensemble by Forms+Surfaces.

2. Manufacturer Contact:
   Forms+Surfaces
   30 Pine Street
   Pittsburgh, PA 15223
   phone: 800-451-0410
   fax: 412-781-7840
   email: sales@forms-surfaces.com
   website: www.forms-surfaces.com

B. Ensembles:

1. Materials:
   a. Frames: cast aluminum and extruded aluminum.
   b. Table Tops: 48" across, stainless steel, with or without a center hole to receive a 1.75" diameter umbrella pole.
   c. Seat Type:
      1) Backed.
      2) Backless.
   d. Seats *(Choose one option below)*:
      1) Extruded aluminum slats.
      2) FSC 100% Ipé hardwood slats.
      3) Stainless steel seat pans.
   e. Fasteners: stainless steel.

2. Finishes:
   a. Ensemble frame:
      1) Cast aluminum and extruded aluminum: polyester powdercoat *(Select one option below)*:
         2. Premium Texture from Forms+Surfaces Powdercoat Chart.
         3. Custom RAL powdercoat color.
   b. Seats *(Choose one option below)*:
      1) Extruded aluminum slats: polyester powdercoat *(Select one option below)*:
         2. Premium Texture from Forms+Surfaces Powdercoat Chart.
         3. Custom RAL powdercoat color.
      2) FSC 100% Ipé hardwood slats: natural oiled finish.
      3) Stainless steel seat pan *(Choose one finish below)*:
         1. Polyester powdercoat *(Select one option below)*:
b. Premium Texture from Forms+Surfaces Powdercoat Chart.
c. Custom RAL powdercoat color.

2. Stainless steel finish (Choose one finish below):
   a. Sandstone.
   b. Diamond.
   c. Satin.

3. Stainless steel pattern (Choose one pattern below):
   a. No Pattern.
   b. Fade.
   c. Micro.
   d. Stitch.

a. Table Tops (Choose one option below):
   1) Stainless steel finish: (Choose one finish below):
      a. Sandstone.
      b. Diamond.
      c. Satin.

   1) Powdercoat finish: (Choose one finish below):
      1. Polyester powdercoat (Select one option below):
         b. Premium Texture from Forms+Surfaces Powdercoat Chart.
         c. Custom RAL powdercoat color.

   3) With or without a center hole to receive a 1.5” (38 mm) diameter umbrella pole. When an umbrella hole is specified, a nylon collar and cap are included.

1. Dimensions (Select model(s) below):
   a. Four-seat ensembles with backed seats:
      1) Overall: 57.2” diameter, 32.9” height, 29.3” table height.
      2) Seats: 18.0” wide x 20.2” deep x 18.1” high.
   b. Four-seat ensembles with backless seats:
      1) Overall: 54.4” diameter, 29.3” height, 29.3” table height.
      2) Seats: 18.0” wide x 20.2” deep x 18.1” high.
   c. Six-seat ensembles with backed seats:
      1) Overall: 85.3” diameter, 32.9” height, 29.3” table height.
      2) Seats: 18.0” wide x 20.2” deep x 18.1” high.
   d. Six-seat ensembles with backless seats:
      1) Overall: 80.6” diameter, 30.2” height, 29.3” table height.
      2) Seats: 18.0” wide x 20.2” deep x 18.1” high.

2. Installation (Choose one option below):
   a. Freestanding.
   b. Surface mount (provide anchors and stainless steel mounting hardware).
Part 3  Execution

01. Examination
   A. Verify that substrates are stable and capable of supporting the weight of items covered under this section.
   B. Verify that substrates have been adequately prepared to securely anchor those items that will be surface mounted.

02. Installation
   A. Install according to the manufacturer’s installation instructions.
   B. Install in conformance to applicable ADA guidelines and End User’s established Accessibility policies.

END OF SECTION