Part 1  General

01. Summary
   A. Section Includes:
      2. Single-sided backless bench, angled seat.
      5. Single-sided backed bench, horizontal seat.
      6. Double-sided backless bench, angled seat.
      7. Double-sided backless bench, horizontal seat.
      8. Double-sided backed bench, angled seat.

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.

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 backed and/or backless benches/perches based on the product named:
1. Transit Seating 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. Seating

1. Materials:
   a. Bench legs: 3" diameter tubular stainless steel.
   b. End castings: cast stainless steel.
   c. Seats and backrests: stainless steel sheet with 1/2" diameter perforations.
   d. Armrests: formed from 1.5" stainless steel bar.

2. Finishes:
   b. End castings: bead-blasted finish.
   c. Seats and backrests:
      1) Satin finish.
      2) Polyester powdercoat (Select one option below):
         2. Premium Texture from Forms+Surfaces Powdercoat Chart.
         3. Custom RAL powdercoat color.
   d. Armrests: Satin finish.

3. Dimensions (Select model(s) below):
   a. Single-sided backless bench, angled seat:
      1) Overall: 74.4" long x 16.5" deep x 22.3" high.
      2) Seat: 72" long x 13" deep x 18" high*.
   b. Single-sided backless bench, horizontal seat:
      1) Overall: 74.4" long x 16.5" deep x 22.7" high.
      2) Seat: 72" long x 13" deep x 18" high.
   c. Single-sided backed bench, angled seat:
      1) Overall: 74.4" long x 16.5" deep x 31.4" high.
      2) Seat: 72" long x 13" deep x 18" high*.
   d. Single-sided backed bench, horizontal seat:
      1) Overall: 74.4" long x 16.5" deep x 31.4" high.
      2) Seat: 72" long x 13" deep x 18" high.
   e. Double-sided backless bench, angled seat:
      1) Overall: 74.4" long x 30" deep x 22.3" high.
2) Seat: 72" long x 13" deep x 18" high*.

f. Double-sided backless bench, horizontal seat:
   1) Overall: 74.4" long x 30" deep x 22.7" high.
   2) Seat: 72" long x 13" deep x 18" high.

g. Double-sided backed bench, angled seat:
   1) Overall: 74.4" long x 30" deep x 31.4" high.
   2) Seat: 72" long x 13" deep x 18" high*.

h. Double-sided backed bench, horizontal seat.
   1) Overall: 74.4" long x 30" deep x 31.4" high.
   2) Seat: 72" long x 13" deep x 18" high.

*Seat heights as measured as front edge of seat. Horizontal seats are flat; angled seats slope upward to a height of 19.8" at the back of the seat.

4. Mounting: Imbedded directly in concrete or specified with 6" diameter base plates for surface mounting using threaded anchors. Provide installation 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