

<b>DIVISION 12 00 00</b>	<b>FURNISHINGS</b>
SECTION 12 93 00	SITE FURNISHINGS
SECTION 12 93 43	SITE SEATING AND TABLES
SECTION 12 93 43.13	SITE SEATING
	TRANSIT SEATING

## Part 1 General

### 01. Summary

#### A. Section Includes:

1. Single-sided backless bench, angled seat.
2. Single-sided backless bench, angled seat.
3. Single-sided backless bench, horizontal seat.
4. Single-sided backed 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.
9. Double-sided backed bench, horizontal 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.
4. Maintenance 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:

a. Bench legs: radial Satin finish.

b. End castings: bead-blasted finish.

c. Seats and backrests:

1) Satin finish.

2) Polyester powdercoat (Select one option below):

1. Standard Texture/ Gloss from Forms+Surfaces Powdercoat Chart.

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**