SECTION 12 93 13

BICYCLE RACKS AND ACCESSORIES

Display hidden notes to specifier. (Don't know how? [Click Here](http://www.arcat.com/sd/display_hidden_notes.shtml))

*Copyright 2004 - 2019 ARCAT, Inc. - All rights reserved*

\*\* NOTE TO SPECIFIER \*\* Saris Infrastructure; bicycle racks.  
This section is based on the products of Saris Infrastructure, which is located at:  
5253 Verona Rd.  
Madison, WI 53711  
Toll Free Tel: 800-783-7257  
Tel: 608-274-6550  
Fax: 608-274-1702  
Email: [request info (prkmgr@saris.com)](http://admin.arcat.com/users.pl?action=UserEmail&company=Saris+Infrastructure&coid=38455&rep=&fax=608-274-1702&message=RE:%20Spec%20Question%20(02871sco):%20%20&mf=)  
Web: <http://bikefixation.com>   
 [ [Click Here](http://www.arcat.com/arcatcos/cos38/arc38455.html) ] for additional information.  
Our USA Commitment: For many of our competitors, quality-controlling the manufacture and assembly of their products requires an overseas flight. At Saris, we just open the back door. All Saris parking racks are assembled under our watchful eye right here in Madison, Wisconsin. The factory is attached to the rear of our corporate offices. And, over 80% of our materials come from within 120 miles of our facility. This helps use make modifications that fit your needs, and it's the green way to do our business. This matters in our field, and we care about the details of how it gets in and out to you.  
Green Manufacturing: We use state of the art manufacturing equipment and processes, creating racks to help your building support more energy efficient transportation. Our racks contain an average of 20 to 25 percent recycled content, See our website for the Recycled Content Certificate for our products. Installing our bike racks can help you qualify for LEED credits. Since our manufacturing and engineering is done in house, we have the ability to innovate for easy-to-use products with short lead-times. As we look into the future, we design products that support sustainability making sure that our communities stay healthy for generations to come.  
Transportation: Here at Saris Cycling Group, we believe that our actions speak much louder than our words. So our green commitment comes through in all we do as a company. We consider the bicycle a serious form of transportation. We strive to make commuting by bicycle accessible, to encourage more people to ride more often.

1. GENERAL
   1. SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. Bicycle racks and accessories of the following types:
       1. Bicycle wave racks.
       2. Bicycle docks.
       3. Bicycle grid style racks.
       4. Bicycle high security racks.
       5. Single bike vertical storage racks.
       6. Bicycle high capacity racks.
       7. Bike repair stations.
       8. Public bike pumps.
       9. Public bike wash stations.
       10. Public bottle fill stations.
       11. Bicycle access ramp.
  1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 32 90 00 - Planting.
  1. REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.

* + 1. ASTM International (ASTM):
       1. ASTM A513 - Standard Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing.
       2. American Society for Testing and Materials for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes.
  1. SUBMITTALS
     1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
     2. Product Data: Manufacturer's data sheets on each product to be used, including:
        1. Preparation instructions and recommendations.
        2. Storage and handling requirements and recommendations.
     3. Shop Drawings: Manufacturing details for each bicycle rack.

\*\* NOTE TO SPECIFIER \*\* Delete selection samples if colors have already been selected.

* + 1. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
    2. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square representing actual product, color, and patterns.
  1. QUALITY ASSURANCE
     1. Manufacturer Qualifications:
        1. A firm experienced in manufacturing bicycle racks similar to those required for this project and with a record of successful in-service performance.
     2. Installer Qualifications:
        1. An experienced installer who has completed installation of bicycle racks similar in material, design, and extent to that indicated for this project and whose work has resulted in construction with a record of successful in-service performance.
     3. Source Limitations: Obtain each color, finish, shape and type of bicycle rack from a single source with resources to provide components of consistent quality in appearance and physical properties.

\*\* NOTE TO SPECIFIER \*\* Include a mock-up if the project size and/or quality warrant taking such a precaution. The following is one example of how a mock-up on a large project might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.

* + 1. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
       1. Install in areas designated by Architect.
       2. Do not proceed with remaining work until workmanship and installation are approved by Architect.
       3. Refinish mock-up area as required to produce acceptable work.
  1. DELIVERY, STORAGE, AND HANDLING
     1. Store products in manufacturer's unopened packaging until ready for installation.
     2. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.
  2. PROJECT CONDITIONS
     1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1. PRODUCTS
   1. MANUFACTURERS
      1. Acceptable Manufacturer: Saris Infrastructure, which is located at: 5253 Verona Rd.; Madison, WI 53711; Toll Free Tel: 800-783-7257; Tel: 608-274-6550; Fax: 608-274-1702; Email: [request info (prkmgr@saris.com)](http://admin.arcat.com/users.pl?action=UserEmail&company=Saris+Infrastructure&coid=38455&rep=&fax=608-274-1702&message=RE:%20Spec%20Question%20(02871sco):%20%20&mf=); Web: <http://bikefixation.com>

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
    2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. BICYCLE WAVE RACKS

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Bicycle Wave Racks, 6800 Series:
       1. Construction: 1-5/8 inches (41 mm) O.D. 12 gauge (0.109 inches) (2.65 mm) steel tube.

\*\* NOTE TO SPECIFIER \*\* Delete capacity not required.

* + - 1. Capacity: 5 bikes.
      2. Capacity: 7 bikes.
      3. Capacity: 9 bikes.

\*\* NOTE TO SPECIFIER \*\* Delete mount not required.

* + - 1. Mount: Flange.
      2. Mount: Below grade.

\*\* NOTE TO SPECIFIER \*\* Delete either polyester powder coat or hot dip galvanized finish.

* + - 1. Finish: Polyester powder coat in the following color:

\*\* NOTE TO SPECIFIER \*\* Delete finish colors not required.

* + - * 1. Bike Fixation Red.
        2. Cycle Track Black.
        3. Sunset Orange.
        4. Signal Yellow.
        5. Sprout Green.
        6. Spruce Green.
        7. Bill Ocean Blue.
        8. Bark Brown.
        9. Granite Gray.
        10. Matter Gray.
      1. Finish: Hot Dipped Galvanized.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Bicycle Wave Racks, 2100 Millenium Series:
       1. Construction: 2-3/8 inches (60 mm) O.D. schedule 40 (0.154 inches) (3.91 mm) steel pipe.

\*\* NOTE TO SPECIFIER \*\* Delete capacity not required.

* + - 1. Capacity: 5 bikes.
      2. Capacity: 7 bikes.
      3. Capacity: 9 bikes.

\*\* NOTE TO SPECIFIER \*\* Delete mount not required.

* + - 1. Mount: Flange.
      2. Mount: Below grade.

\*\* NOTE TO SPECIFIER \*\* Delete either polyester powder coat or hot dip galvanized finish.

* + - 1. Finish: Polyester powder coat in the following color:

\*\* NOTE TO SPECIFIER \*\* Delete finish colors not required.

* + - * 1. Bike Fixation Red.
        2. Cycle Track Black.
        3. Sunset Orange.
        4. Signal Yellow.
        5. Sprout Green.
        6. Spruce Green.
        7. Bill Ocean Blue.
        8. Bark Brown.
        9. Granite Gray.
        10. Matter Gray.
      1. Finish: Hot Dipped Galvanized.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Bicycle Wave Racks, 2160 Millenium Series:
       1. Construction: 2-3/8 inches (60 mm) O.D. schedule 40 (0.154 inches) (3.91 mm) steel pipe; 6 inch (152 mm) radius bends.

\*\* NOTE TO SPECIFIER \*\* Delete capacity not required.

* + - 1. Capacity: 5 bikes.
      2. Capacity: 7 bikes.
      3. Capacity: 9 bikes.

\*\* NOTE TO SPECIFIER \*\* Delete mount not required.

* + - 1. Mount: Flange.
      2. Mount: Below grade.

\*\* NOTE TO SPECIFIER \*\* Delete either polyester powder coat or hot dip galvanized finish.

* + - 1. Finish: Polyester powder coat in the following color:

\*\* NOTE TO SPECIFIER \*\* Delete finish colors not required.

* + - * 1. Bike Fixation Red.
        2. Cycle Track Black.
        3. Sunset Orange.
        4. Signal Yellow.
        5. Sprout Green.
        6. Spruce Green.
        7. Bill Ocean Blue.
        8. Bark Brown.
        9. Granite Gray.
        10. Matter Gray.
      1. Finish: Hot Dipped Galvanized.
  1. BICYCLE DOCKS

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Bicycle Docks, 6900 Series:
       1. Construction: 1.66 inches (42 mm) schedule 40 (0.154 inches) (3.91 mm) steel pipe.
       2. Capacity: 2 bike, double sided.

\*\* NOTE TO SPECIFIER \*\* Delete mount not required.

* + - 1. Mount: Flange.
      2. Mount: Below grade.

\*\* NOTE TO SPECIFIER \*\* Delete either polyester powder coat or hot dip galvanized finish.

* + - 1. Finish: Polyester powder coat in the following color:

\*\* NOTE TO SPECIFIER \*\* Delete finish colors not required.

* + - * 1. Bike Fixation Red.
        2. Cycle Track Black.
        3. Sunset Orange.
        4. Signal Yellow.
        5. Sprout Green.
        6. Spruce Green.
        7. Bill Ocean Blue.
        8. Bark Brown.
        9. Granite Gray.
        10. Matter Gray.
      1. Finish: Hot Dipped Galvanized.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Bicycle Docks, 2100 Series:
       1. Construction: 2-3/8 inches (60 mm) O.D. schedule 40 (0.154 inches) (3.91 mm) steel pipe.
       2. Capacity: 2 bike, double sided.

\*\* NOTE TO SPECIFIER \*\* Delete mount not required.

* + - 1. Mount: Flange.
      2. Mount: Below grade.

\*\* NOTE TO SPECIFIER \*\* Delete either polyester powder coat or hot dip galvanized finish.

* + - 1. Finish: Polyester powder coat in the following color:

\*\* NOTE TO SPECIFIER \*\* Delete finish colors not required.

* + - * 1. Bike Fixation Red
        2. Cycle Track Black.
        3. Sunset Orange.
        4. Signal Yellow.
        5. Sprout Green.
        6. Spruce Green.
        7. Bill Ocean Blue.
        8. Bark Brown.
        9. Granite Gray.
        10. Matter Gray.
      1. Finish: Hot Dipped Galvanized.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Bicycle Docks, 2130 Series, Stadium Rack:
       1. Construction: 2-3/8 inches (60 mm) O.D. schedule 40 (0.154 inches) (3.91 mm) steel pipe; C-CHNL, 3 inches (76 mm) by 1.41 inches (36 mm).
       2. Capacity: 6 bike, double sided.
       3. Capacity: 8 bike, double sided.

\*\* NOTE TO SPECIFIER \*\* Delete mount not required.

* + - 1. Mount: Flange.
      2. Mount: Below grade.

\*\* NOTE TO SPECIFIER \*\* Delete either polyester powder coat or hot dip galvanized finish.

* + - 1. Finish: Polyester powder coat in the following color:

\*\* NOTE TO SPECIFIER \*\* Delete finish colors not required.

* + - * 1. Bike Fixation Red.
        2. Cycle Track Black.
        3. Sunset Orange.
        4. Signal Yellow.
        5. Sprout Green.
        6. Spruce Green.
        7. Bill Ocean Blue.
        8. Bark Brown.
        9. Granite Gray.
        10. Matter Gray.
      1. Finish: Hot Dipped Galvanized.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Bicycle Docks, 2200 Series:
       1. Construction: 2 inches by 2 inches (51 mm by 51 mm) 7 gauge (0.188 inches) (4.55 mm) steel tube.
       2. Capacity: 2 bike, double sided.

\*\* NOTE TO SPECIFIER \*\* Delete mount not required.

* + - 1. Mount: Flange.
      2. Mount: Below grade.

\*\* NOTE TO SPECIFIER \*\* Delete either polyester powder coat or hot dip galvanized finish.

* + - 1. Finish: Polyester powder coat in the following color:

\*\* NOTE TO SPECIFIER \*\* Delete finish colors not required.

* + - * 1. Bike Fixation Red.
        2. Cycle Track Black.
        3. Sunset Orange.
        4. Signal Yellow.
        5. Sprout Green.
        6. Spruce Green.
        7. Bill Ocean Blue.
        8. Bark Brown.
        9. Granite Gray.
        10. Matter Gray.
      1. Finish: Hot Dipped Galvanized.
  1. BICYCLE GRID STYLE RACKS

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Bicycle Grid Style Racks, 6200 Series Commercial Duty:
       1. Construction: 1.66 inches (42 mm) O.D. 16 gauge (0.65 inches) (2.65 mm) steel tube.

\*\* NOTE TO SPECIFIER \*\* Delete capacity and sidedness not required.

* + - 1. Capacity: 5 bike single sided.
      2. Capacity: 9 bike single sided.
      3. Capacity: 10 bike double sided.
      4. Capacity: 18 bike double sided.

\*\* NOTE TO SPECIFIER \*\* Delete mount not required.

* + - 1. Mount: Surface with anchors.
      2. Mount: Ganged multiple units.
      3. Finish: Electroplated clear coat finish.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Bicycle Grid Style Racks, 6400 Series:
       1. Construction: 1.66 inches (42 mm) O.D. schedule 40 steel pipe (0.140 inches) (3.61 mm).

\*\* NOTE TO SPECIFIER \*\* Delete capacity and sidedness not required.

* + - 1. Capacity: 5 bike single sided.
      2. Capacity: 9 bike single sided.
      3. Capacity: 10 bike double sided.
      4. Capacity: 18 bike double sided.

\*\* NOTE TO SPECIFIER \*\* Delete mount not required.

* + - 1. Mount: Surface with anchors.
      2. Mount: Ganged multiple units.
      3. Finish: Galvanized base material.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. BICYCLE STORAGE RACKS

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Bicycle Storage Racks, Bike Trac:
       1. Vertical single bike rack.
       2. Finish: Polyester powder coat.
       3. Color: Black.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Bicycle Storage Racks, Locking Bike Trac:
       1. Locking vertical single bike rack.
       2. Finish: Polyester powder coat.
       3. Color: Black.
    2. Fat Bike Trac:
       1. Vertical single bike rack.
       2. Finish: Polyester powder coat.
       3. Color: Black.
    3. Locking Fat Bike Trac:
       1. Locking vertical single bike rack.
       2. Finish: Polyester powder coat.
       3. Color: Black.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. HIGH CAPACITY BICYCLE RACKS

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. High Capacity Bicycle Racks, Stretch Series:
       1. Construction: 11 gauge (0.06 inch) (1.52 mm) steel for corner pieces and cross braces.

\*\* NOTE TO SPECIFIER \*\* Delete capacities not required.

* + - 1. Capacity: 6 bike capacity, 18 inch (457 mm) spacing.
      2. Capacity: 8 bike capacity, 13.5 inch (343 mm) spacing.
      3. Capacity: 8 bike capacity, 18 inch (457 mm) spacing.
      4. Capacity: 10 bike capacity 14.4 inch (366 mm) spacing.

\*\* NOTE TO SPECIFIER \*\* Delete paragraph below if bike locking not required.

* + - 1. Locking Bar: 3/8 inch (9.5 mm) solid steel locking loop.
      2. Finish: Polyester powder coat.
      3. Color: Black.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. High Capacity Bicycle Racks, Vertical Series:
       1. Construction: 11 gauge (0.06 inch) (1.52 mm) steel for corner pieces and cross braces.

\*\* NOTE TO SPECIFIER \*\* Delete capacities not required.

* + - 1. Capacity: 3 bike capacity, 18 inch (457 mm) spacing.
      2. Capacity: 4 bike capacity, 13.5 inch (343 mm) spacing.
      3. Capacity: 4 bike capacity, 18 inch (457 mm) spacing.
      4. Capacity: 5 bike capacity 14.4 inch (366 mm) spacing.
      5. Capacity: 6 bike capacity (double sided) , 18 inch (457 mm) spacing.
      6. Capacity: 8 bike capacity (double sided), 18 inch (457 mm) spacing.
      7. Capacity: 10 bike capacity (double sided), 14.4 inch (366 mm) spacing.

\*\* NOTE TO SPECIFIER \*\* Delete paragraph below if bike locking not required.

* + - 1. Locking Bar: 3/8 inch (9.5 mm) solid steel locking loop.
      2. Mount: Floor.
      3. Finish: Polyester powder coat.
      4. Color: Black.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. High Capacity Bicycle Racks, Stack Rack Series:
       1. Construction: 11 gauge (0.06 inch) (1.52 mm) steel for corner pieces and cross braces.

\*\* NOTE TO SPECIFIER \*\* Delete capacities not required. Other spacings are available to project requirements

* + - 1. Capacity: 16 bike capacity, 18 inch (457 mm) spacing.
      2. Capacity: 16 bike capacity, 20 inch (508 mm) spacing.
      3. Capacity: 16 bike capacity, 24 inch (610 mm) spacing.

\*\* NOTE TO SPECIFIER \*\* Delete paragraph below if bike locking not required.

* + - 1. Lock Cable: 24 inches (610 mm) long galvanized wire rope vinyl coated to 0.625 inches (15.9 mm) in diameter attached with 5/16 inch (7.9 mm) security bolt.
      2. Upper Bike Stalls: 3/8 inch (9.5 mm) mounting hardware.
      3. Lower Bike Stalls: 1/4 inch (6.4 mm) mounting hardware.
      4. Square Beams: 6 inch (152 mm) and 2 inch (51 mm), 0.1875 inch (4.763 mm) thick.
      5. Mounting Brackets: 0.1793 inches (7 gauge) (4.554 mm) thick.
      6. Base Plates and Locking Flange: 0.25 inches (6.35 mm) thick.
      7. Roller Cart Sides: 0.1196 inches (11 gauge) (3.038 mm) thick.
      8. Tubes: 1.25 inches (31.7 mm) diameter, 0.625 inches (15.9 mm) diameter, 0.0598 inches (16 gauge) (1.519 mm) thick.
      9. Wheel Tray: 0.0598 inches (16 gauge) (1.519 mm) thick.
      10. Second Level Bike Positions: Assisted lift.
      11. Finish: Hot dipped galvanized coating.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. BIKE REPAIR STATIONS
     1. Acceptable Manufacturers:
        1. Provide bicycle repair equipment manufactured by Saris Infrastructure, 5253 Verona Road, Madison, WI 53711 www.sarisinfrastructure.com

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + - 1. Substitutions: Not permitted.
      2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Deluxe Public Work Stand:
       1. Main Body .25 inch (6 mm) and 11 gauge steel.
       2. Top Bike Hanger: 2 inches (51 mm) (DOM Tubing, .25 inch (6 mm) steel plate, 356-T6 Cast Aluminum, Polyethylene sleeve.
       3. Protective Panel: .125 inch (3 mm) UV resistant polyethylene.
       4. Tool Tethers: 3/16 inch (4.8 mm) stainless steel cable.
       5. Integrated Air Hose: High pressure rubber exterior hose with triple braided steel wire core.
       6. Counterbalanced Tools:
          1. Phillips screwdriver with swivel.
          2. Flat blade screwdriver with swivel.
          3. Steel core tire lever (qty 2).
          4. Headset wrench.
          5. Pedal wrench.
          6. Cone Wrench: 8/10 mm.
          7. Cone Wrench: 9/11 mm.
          8. Torx T25 wrench.
          9. Hex Keys: 2.5, 3, 4, 5, 6, and 8 mm.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Public Work Stand:
       1. Main Body and Hanger: 2 inches (51 mm) DOM Tubing, .25 inch (6 mm) steel plate, and Polyethylene sleeve.
       2. Tool Tethers: 3/16 inch (4.8 mm) stainless steel cable.
       3. Tools:
          1. Phillips screwdriver with swivel.
          2. Flat blade screwdriver with swivel.
          3. Steel core tire lever (qty 2).
          4. Headset wrench.
          5. Pedal wrench.
          6. Cone Wrench: 8/10 mm.
          7. Cone Wrench: 9/11 mm.
          8. Torx T25 wrench.
          9. Hex Keys: 2.5, 3, 4, 5, 6, and 8 mm.
    2. Public Tool Box:
       1. Main Body: 7 gauge steel plate.
       2. Tool Tethers: 3/16 inch (4.8 mm) stainless steel cable.
       3. Tools:
          1. Phillips screwdriver with swivel.
          2. Flat blade screwdriver with swivel.
          3. Steel core tire lever (qty 2).
          4. Headset wrench.
          5. Pedal wrench.
          6. Cone Wrench: 8/10 mm.
          7. Cone Wrench: 9/11 mm.
          8. Torx T25 wrench.
          9. Hex Keys: 2.5, 3, 4, 5, 6, and 8 mm.
    3. Wheel Chock:
       1. Main Body: 1/4 inch (6 mm) steel plate.
    4. Finishes:
       1. A hot-dipped galvanized finish: Applied after fabrication.
       2. Powder Coat Finish: TGIC UV resistant Powdercoat. For powder coated/ painted repair stations, the following specifications are required: Part is prepared for painting with hard sandblasting. An epoxy primer is electrostatically applied. A final TGIC, UV resistant polyester powder coat is applied. Final coating thickness shall be no less than 6 mils.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. PUBLIC BIKE PUMPS
     1. Acceptable Manufacturers:
        1. Provide bicycle repair equipment manufactured by Saris Infrastructure, 5253 Verona Road, Madison, WI 53711 www.sarisinfrastructure.com

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + - 1. Substitutions: Not permitted.
      2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. High Security Outdoor Public Bike Pump:
       1. Main Body .25 inch (6 mm) and .125 inch (3 mm) 304 stainless steel.
       2. Pump Shaft: 3/4 inch (19 mm) 304 stainless steel.
       3. Pressure Gauge Cover: 1/4 inch (6 mm) polycarbonate.
       4. Internal Pump Design: Saris.
       5. Integrated Air Hose: High pressure rubber exterior hose with triple braided steel wire core.

\*\* NOTE TO SPECIFIER \*\* Delete tools not required.

* + - 1. Tools: Tethered by 3/16 inch (4.8 mm) stainless steel cable.
         1. Steel core tire lever (qty 2).
         2. Box Wrench: 15 mm.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. High Security Indoor Public Bike Pump:
       1. Main Body: .25 inch (6 mm) and 7 gauge steel.
       2. Pump shaft: 3/4 inch (19 mm) 304 stainless steel.
       3. Pressure gauge cover: 1/4 inch (6 mm) polycarbonate.
       4. Internal Pump Design: Saris.
       5. Integrated Air Hose: High pressure rubber exterior hose with triple braided steel wire core.

\*\* NOTE TO SPECIFIER \*\* Delete tools not required.

* + - 1. Tools: Tethered by 3/16 inch (4.8 mm) stainless steel cable.
         1. Steel core tire lever (qty 2).
         2. Box Wrench: 15 mm.
    1. Electric Bike Pump:
       1. Main Body: 16 gauge steel.
       2. Pressure Gauge Cover: 1/4 inch (6 mm) polycarbonate.
       3. Internal Pump Design: Saris.
       4. Integrated Air Hose: High pressure rubber exterior hose with triple braided steel wire core.
    2. Air Control Panel:
       1. Main Body: 16 gauge steel.
       2. Pressure Gauge Cover: 1/4 inch (6 mm) polycarbonate.
       3. Integrated Air Hose: High pressure rubber exterior hose with triple braided steel wire core.
    3. Finishes:
       1. A Hot-Dipped Galvanized Finish: Applied after fabrication.
       2. Powder Coat Finish: TGIC UV resistant powder coat. For powder coated/ painted repair stations, the following specifications are required: Part is prepared for painting with hard sandblasting. An epoxy primer is electrostatically applied. A final TGIC, UV resistant polyester powder coat is applied. Final coating thickness shall be no less than 6 mils.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. PUBLIC BIKE WASH STATIONS
     1. Acceptable Manufacturers:
        1. Provide bicycle wash station manufactured by Saris Infrastructure, 5253 Verona Road, Madison, WI 53711 www.sarisinfrastructure.com

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + - 1. Substitutions: Not permitted.
      2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. High Security Outdoor/Indoor Public Bike Wash Station:
       1. Design: Pedestal wash station with independent wheel stand.
          1. Vandal resistant hose and nozzle with stainless steel fittings.
          2. HVLC (High Velocity Low Consumption) nozzle optimized for strong cleaning power without damaging bicycle bearings while also minimizing water usage. Cleaning brushes.
          3. Vandal proof auto shut off water valve prevents water waste.
          4. System is compliant with ADA, EPA, and Public Law 111-380 (No Lead) requirements.

\*\* NOTE TO SPECIFIER \*\* Optional. Delete if not required.

* + - * 1. Provide coin operated timer box.

\*\* NOTE TO SPECIFIER \*\* Optional. Delete if not required.

* + - * 1. Provide Integrated Bottle Fill Station: Fill station accommodates all types of water bottles and hydration bladders. Smooth laminar flow water filler nozzle and inlet water strainer.
        2. Assorted Brushes: Drivetrain, scrubber, frame, and wheel.
      1. Application:
         1. Requires municipal water and sanitary drain or dry well hookup.
         2. Environment Temperature Range: 32 degrees F to 100 degrees F (0 degrees C to 43 degrees C).
         3. Surface Mount and Embedment: Refer to Drawings.
      2. Construction:
         1. Material: Laser cut steel plate and tubing, machined and laser cut stainless steel plate and bar.
         2. Cleaning brushes attached by stainless steel cable prevent theft.
         3. Size: 72 inches (1829 mm) high pedestal.
         4. Finish: Paint.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* 1. PUBLIC BOTTLE FILL STATIONS
     1. Acceptable Manufacturers:
        1. Provide bottle fill stations manufactured by Saris Infrastructure, 5253 Verona Road, Madison, WI 53711 www.sarisinfrastructure.com

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + - 1. Substitutions: Not permitted.
      2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. High Security Outdoor/Indoor Public Bottle Fill Station:
       1. Design: Pedestal water bottle fill station.
          1. Fill station accommodates all types of water bottles and hydration bladders. Smooth laminar flow water filler nozzle and inlet water strainer.
          2. Vandal proof auto shut off water valve prevents water waste.
          3. System is compliant with ADA, EPA, and Public Law 111-380 (No Lead) requirements.
       2. Application:
          1. Requires municipal water hookup.
          2. Environment Temperature Range: 32 degrees F to 100 degrees F (0 degrees C to 43 degrees C).
          3. Surface mount and embedment: Refer to Drawings.
       3. Construction:
          1. Material: Laser cut CNC machined stainless steel pipe and plate.
          2. Size: 56 inches (1422 mm) high pedestal.
          3. Finish: Paint.

\*\* NOTE TO SPECIFIER \*\* Modular design works with any stair system (rise, run, and length). Only one measurement is required to specify the design. No more expensive, time consuming custom design, shop drawings, and on-site fabrication.

* + - * 1. Ramp section designed to work with all types of bikes up to a 5 inches (127 mm) tire width.
        2. Anti-rollout feature ramp shape requires only one hand to hold the bike while it rolls.
        3. Grip tape at the base prevents slipping, bike ramp graphics ensure intuitive use.
        4. The wheel ramp is made of thick wall aluminum, and the stainless steel mounting feet will not rust. Concrete anchors included; other mounting options available.
        5. Delete if not required.
  1. BICYCLE ACCESS RAMP
     1. Components:
        1. Ramp Module: 26808.
           1. Ramp Body: Extruded 6063-T6 Aluminum.
           2. Grip Tape: Adhesive backed PVC with aluminum oxide grip.
        2. Joining Module: 26809.
           1. Joining Biscuit: 7G steel, zinc-plated.
           2. Square Head Bolt: Zinc-plated steel.
           3. Nut: 3/8 inch (9.5 mm) 316 stainless steel with Nylock.
        3. End Cap Module: 26810.
           1. End Caps: Machined 6061 aluminum.
           2. End Cap Biscuit: 7G steel, zinc-plated.
           3. Hex Bolt: Stainless steel.
           4. Square Head Bolt: Zinc-coated steel.
           5. Nut: Stainless Steel w/ Nylock.
        4. Ramp Brackets: 26811.
           1. Ramp Bracket: 7G steel, zinc-plated.
           2. Stair Bracket: 7G stainless steel.
           3. Pivot Spacer: 6061 aluminum.
           4. Hex Bolts, Nuts, Washer: Stainless steel.
           5. Square Head Bolts, Anchors, Setting Tool: Zinc-coated steel.
     2. Finishes:
        1. Ramp Module 26808: Clear anodizing.
        2. Joining Module 26809: Clear anodizing.

\*\* NOTE TO SPECIFIER \*\* Delete finish not required.

* + - 1. End Cap Module 26810: Clear zinc plating.
      2. End Cap Module 26810: Brushed stainless steel.

\*\* NOTE TO SPECIFIER \*\* Delete finish not required.

* + - 1. Ramp Brackets 26811: Clear zinc plating.
      2. Ramp Brackets 26811: Brushed stainless steel.
      3. Ramp Brackets 26811: Clear anodizing.
  1. MATERIALS

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Steel Tube: ASTM A513, electric welded steel tubing.

\*\* NOTE TO SPECIFIER \*\* Delete if not required.

* + 1. Steel Pipe: ASTM A500B steel pipe.

\*\* NOTE TO SPECIFIER \*\* Delete paint finish if not required.

* 1. FINISH
     1. Manufacturer's standard factory-applied polyester paint finishes using a powder coating heat-cured system. Color as approved.

1. EXECUTION
   1. EXAMINATION
      1. Do not begin installation until substrates have been properly prepared.
      2. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
   2. INSTALLATION
      1. Install in accordance with manufacturer's instructions.
   3. PROTECTION
      1. Protect installed products until completion of project.
      2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION