

ADDENDUM NO. 3
TOWN OF THURMONT, MARYLAND
TENNIS COURT REDESIGN

In accordance with the requirements of the “Instructions to Bidders”, this Addendum shall be attached to and become a part of the Contract Documents for the above referenced project.

Concerning the Project Manual

- A. Section 02444 – DELETE and REPLACE in its entirety; Attached to this Addendum.

Concerning the Drawings

None.

Miscellaneous

None.

END OF ADDENDUM NO. 3

BIDDERS MUST ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPECIFIED PLACE ON THE BID FORM. THE ABSENCE OF THIS ACKNOWLEDGMENT WILL BE CAUSE FOR REJECTION OF THE BID.

SECTION 02444

CHAIN LINK FENCE

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Vinyl-coated chain link fence.

1.02 RELATED SECTIONS

- A. Division 3 - Concrete.

1.03 QUALITY ASSURANCE

- A. Fabricator Qualifications: Continuing member of the Chain Link Fence Manufacturer Institute (CLFMI).
- B. Erector Qualifications: Provide at least one person in a supervisory capacity who is skilled and experienced in erecting chain link fence and who readily understands the proposed layout and is completely familiar with current erection practices of the CLFMI. Said person shall be present at all times during progress of the fence installation.
- C. Design Criteria: As shown on the Drawings.
- D. Product Compatibility: Provide chain link fence components products of one manufacturer.

1.04 SUBMITTALS

- A. Shop Drawings and Product Data: Submit in compliance with Section 01300. Submit manufacturer's published details modified to suit design and field conditions. Manufacturer's descriptive literature and specifications covering the products specified. Descriptive literature shall include installation information.
- B. Certificates: Include in Submittals certified mill certificates indicating material conformity to yield strengths of these Specifications.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Vinyl Coated Fabric: Fed. Spec. RR-F-191/1C, Type V, thermally bonded PVC coated over galvanized steel No. 9 gauge wire having a .007 inch coating thickness and having a minimum breaking load of 1200 lbs. per Table III of RR-F-191/1C. Wires galvanized prior to vinyl coating, in accordance with ASTM A641. Fabric interwoven in a 1 ¾-inch mesh with top and bottom selvage edges both twisted and barbed. Cut ends of wires coated with vinyl at the factory during the weaving process.
1. Color of PVC coating: Woodland Green.
- B. Vinyl Coated Security Fabric: PVC coated as specified above except security fabric interwoven in a one-inch mesh.
- C. Vinyl Coated Tension Wire: six-gauge coil spring wire PVC coated of same quality and process as specified for Fabric.
- D. Framework: Roll-formed shapes or tubular members with zinc hot-galvanized coating per ASTM A123, PVC coated of same quality and process specified for Standard Fabric. Framework shall be comprised of the following components:
1. Line Posts: Nominal 2 ½-inch roll formed shapes or tubular members fabricated from 50,000-psi minimum yield strength steel and weighing 2.34 lbs. per ft.
 2. End, Pull and Corner Posts: Nominal three-inch roll formed shapes or tubular members fabricated from 42,000 psi minimum yield strength steel and weighing 5.10 lbs. per ft.
 3. Gate Posts: Nominal 4-inch (Double Gates) and 3-inch (Single Gates) steel pipe or tubular members fabricated from 30,000 psi minimum yield strength steel and weighing 9.10 lbs. per ft.
 4. Post Braces: Nominal 1¼-inch steel pipe weighing 2.27 lbs. per ft. minimum, with 3/8-inch diameter truss rod and adjustable take-up device. Provide two brace assemblies at each corner post and one brace assembly at each end and gatepost.
 5. Top Rail: Nominal 1¼-inch steel pipe weighing 2.27 lbs. per ft. minimum.
 6. Post Tops: Where barbed wire supporting arms are not required, cover post ends with pressed steel or malleable iron, weather-tight caps designed to permit passage of top rail, if any.
 7. Stretcher Bars: One piece 3/16 x 3/4-inch bar of length equal to full height of fabric. Provide one bar for each gate and end post and two for each corner and pull post. Provide 1/2-inch wide stretcher bar bands spaced not over 15 inches O.C. to secure stretcher bars to posts.
 8. Gate Frame, Swing Type: Nominal 2-inch O.D. Sch. 40 horizontal and vertical members and truss members (if required) assembled by welding. Single gates shall have a height of 84 inches with a bulkhead top, and double gates shall be the full fence height, as shown on the drawings. Provide the same fabric as fence and install with stretcher bars and bar ties at 15 inches O.C. Provide diagonal cross bracing of 3/8-inch diameter adjustable length truss rods. Attach gate hardware

with rivets or by other means, which will provide security against removal. Gate hardware as follows:

1. Hinges: Pressed steel or malleable iron to suit gate size, non-lift-off type, and offset to permit 180-degree swing. Provide one pair (top and bottom) per gate leaf.
2. Latch: Forked or plunger-bar type to permit operation either side of gate. Provide padlock eye as integral part of latch. Provide gate stops for pair of gates designed to accept drop rod or plunger bar.
3. Keeper and stops: Provide keeper and stops for each gate leaf, which will hold gate leaf in open position until manually released.

E. Concrete: As specified in Section 03300.

PART 3 - EXECUTION

3.01 PREPARATION

1. Remove existing fencing to the extent indicated by the Drawings.

3.02 INSTALLATION

1. Do not begin fence installation prior to completion of all forms of Site Grading.
2. Drill or dig holes for post footings in firm, undisturbed or compacted soil. Size and depth of hole as shown on the drawings. Space posts a maximum of ten feet on center.
3. Place concrete around posts in a continuous pour. Tamp concrete for consolidation. Check each post for vertical and top alignment. Top of post footings shall be level with finish layer of asphalt.
4. Set keepers, stops, sleeves and other accessories into concrete as required.
5. Install braces so posts are plumb when diagonal rods are under proper tension.
6. Install tension wires before stretching fabric and tie to each post with ties or clips.
7. Pull fabric taut and tie to posts, rails and tension wires. Install fabric on security side of fence, and anchor to framework so that fabric remains in tensions after pulling force is released.
8. Thread stretcher bars through fabric and secure to posts with metal bands spaced not over 15 inches O.C.

9. Install gates plumb, level and secure for full opening without interference. Install ground-set items in concrete for anchorage, as recommended by the fence manufacturer and as detailed. Adjust hardware for smooth operation and lubricate where necessary.

END OF SECTION