



OFFICE OF THE PURCHASING AGENT

TOWN OF ARLINGTON
730 Massachusetts Avenue
Arlington, MA 02476

Telephone (781) 316-3003
Fax (781) 316-3019

DATE: March 16, 2015

TO ALL BIDDERS

BID NO. 15-03

SUBJECT: Reconstruction of Spy Pond Field Tennis Courts

ADDENDUM NO. 1

TO WHOM IT MAY CONCERN:

With reference to the bid request relative to the above subject, please note the following:

SEE ATTACHED

BIDDER MUST ACKNOWLEDGE ADDENDUM WITH SUBMISSION

All other terms, conditions and specifications remain unchanged.

Very truly yours,

Town of Arlington

Domenic R. Lanzillotti
Purchasing Officer

**Leonard
Design
Associates**

MEMORANDUM

To: All Bidders

From: Andrew Leonard

*Site
Planning/
Landscape
Architecture*

*95 Ronald Road
Arlington, MA 02474
Phone (781) 641-0750
Fax (781) 646-3174
leonarddesign@rcn.com*

Date: Tuesday, March 16, 2015

RE: Spy Pond Tennis Court Renovation
Addendum #1

Please note the following revisions and clarifications to the bid documents for Spy Pond Tennis Court Renovation, Bid #15-03.

1. There is no cover sheet for the drawings.
2. The practice wall is a design-build item. The Contractor is required to provide an engineered, stamped design as part of their bid and construction. See Section 04200.
3. Section 02580, Pavement Marking: The specification is modified to require a three-coat system. Please see the attached revised specification.
4. Section 02200, Site Preparation: The specification is modified to include a treatment for the ends of the existing fence posts cut flush with the concrete wall. Please see the attached revised specification.
5. A detail is added to Sheet L1.4 for the new fence posts at the existing concrete wall.
6. The Maintenance access gate is moved from the field side of the courts to the Pond Lane side.
7. Several clarifications to the fence layout are noted on Sheet L1.4.
8. Bids are for Spy Pond Tennis courts and related work only as shown on the drawings and are due as stated in the request for bid, Wednesday March 18, 2015, 10:00 am.
9. There is no sanitary sewer work.
10. The two add alternates are as indicated on the drawings, the junior tennis court and the bicycle rack area. Please see the attached revised bid form page.
11. Liquidated damages will be \$500.00/day

The bid opening date is unchanged with this Addendum.

Thank you for your attention to these issues.

The proposed Add Alternate #1 for Spy Pond Tennis Courts: - Construct the junior tennis court, including all necessary site preparation, paving, fencing and site improvements as shown and specified.

\$ _____
Amount Written in Numbers

\$ _____
Amount Written in Words

The proposed Add Alternate #2 for Spy Pond Tennis Courts: - Construct the bicycle rack area, including all necessary site preparation, paving, and site improvements as shown and specified.

\$ _____
Amount Written in Numbers

\$ _____
Amount Written in Words

SECTION 02100
SITE PREPARATION

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. The General Documents, as listed in the Table of Contents, and applicable parts of Division 1, General Requirements shall be included in and made a part of this Section.
- B. Examine all Drawings and all other Sections of the Specifications for requirements therein affecting the work of this trade.

1.02 SCOPE OF WORK

- A. Perform site preparation work as shown and specified. The work includes:
 - 1. Removing trees and other vegetation.
 - 2. Stripping lawn areas.
 - 3. Stripping and stockpiling topsoil.
 - 4. Removing designated site improvements.
 - 5. Construction Fence.
 - 6. Erosion control barrier.

1.03 QUALITY ASSURANCE

- A. Comply with Section 02000 requirements.

1.04 PROJECT CONDITIONS

- A. Perform site preparation work before commencing site construction.
- B. Locate, protect, and maintain active utilities and site improvements to remain.
- C. Provide necessary barricades, coverings, and protection to prevent damage to existing improvements indicated to remain.
- D. Restore to original grades and conditions, areas adjacent to site disturbed or damaged as a result of site preparation work.

1.05 SUBMITTALS

- A. Submit written description of construction fencing plan. Include methods that will be used to ensure safety and enclosure of the site when working in any public way.

PART 2 PRODUCTS

2.01 MATERIALS

- A. Construction Fence: 6' high chain link fence, with knuckled selvages. Used fencing is acceptable provided that it is free from torn or exposed fabric and wire ends or other dangerous conditions. Maximum 10' o.c. post spacing. Existing perimeter fencing may form part of the construction fence.
- B. Tree protection fence: 4' Orange plastic construction fence, with 2x2 wood or metal 'C' section posts, 6' o.c., or as noted on drawings.
- C. Erosion Control Barrier: Biodegradable Erosion Control Logs, minimum 8" diameter, as manufactured by Green Solutions, American Excelsior, EcoDepot, or approved equal.
- D. Coating at cut ends of existing fence posts: High-build, rust resistant epoxy mastic intended for coating of exterior metal such as Steel-Tech by Rustoleum, or approved equal.
- E. Other Materials and equipment: As selected by the Contractor, except as indicated.

PART 3 EXECUTION

3.01 CONSTRUCTION FENCE

- A. Install a fence to completely enclose and secure portions of the site that are under construction. Maintain fence in place for the duration of construction, until acceptance of the project. Any and all gates shall be locked. Provide combination or multiple keys to Owner's representative. Fence shall remain in place until completion of grow-in period. Contractor shall return to the site and remove the fence when directed by the City. Contractor shall repair any holes or damage caused by the removal of the fence in accordance with the specifications.
- B. Erect temporary fencing before commencing site preparation work. Maintain fencing until completion of grow-in period.
- C. During construction and until substantial completion of the Project the Contractor shall be responsible for securing the site within the contract limit line as shown on the Drawings. Open excavation, installation of equipment not completed or any other condition unsafe for children or adults shall be corrected at the completion of each day's work and the site shall be secured after each day's work.
- D. Work adjacent to Wellington Street and Spy Pond Lane or affecting traffic on Wellington Street and Spy Pond Lane must be fully coordinated with the Town of Arlington DPW, Traffic and Police Departments. Maintain traffic routes as required.

3.02 EROSION CONTROL AND TREE PROTECTION

- A. Locate and suitably identify trees and improvements indicated to remain.
- B. Install erosion control barrier and tree protection fencing prior to beginning any other site operations, other than construction fencing.
- C. Install erosion control barrier in accordance with details and manufacturer's recommendations.
- D. Install tree protection as noted on drawings.

3.03 STRIPPING TOPSOIL

- A. Strip topsoil to its full depth at building areas, and all areas to be regraded, resurfaced, or paved within contract limit work area.
- B. Stockpile topsoil in a location acceptable to the Landscape Architect, for use in finish grading and preparation of lawns and planting beds.
 - 1. Stockpiled topsoil shall be free from trash, brush, stones over 1/2" diameter, and other extraneous matter.
 - 2. Grade and slope stockpiles for proper drainage and to prevent erosion.
 - 3. Excess topsoil remaining after completion of site operations shall become the property of the contractor and be removed from site. Repair topsoil stockpile area in accordance with specifications.
- C. Protect all areas which are not to be resurfaced or regraded, and adjacent areas outside of the contract limits from damage due to site preparation work.

3.04 SITE IMPROVEMENTS

- A. Remove existing site improvements within contract limits as indicated on the drawings.
- B. Existing Utilities:
 - 1. Information on the drawings relating to existing utility lines and services is from the best sources presently available. All such information is furnished only for information and is not guaranteed. Excavate test pits as required to determine exact locations of existing utilities.
 - 2. Perform work and provide necessary materials to disconnect or relocate existing utilities as indicated. Record existing utility termination points before disconnecting.
 - 3. Fill abandoned piping with an 8" thick concrete plug or mortar jointed masonry bulkhead.
- C. Remove existing sidewalks, curbs, and paving, including all base material, as required to

accommodate new construction. Cut existing sidewalks, curbs, and paving in neat, straight lines to provide uniform, even transition from new to adjacent existing work. Cut back existing paving a sufficient distance to permit forming and installation of new work.

- D. Raise existing catch basin, inlet and manhole structures to accommodate new grade elevations at paved and lawn areas where indicated. Extend structures as required. Re-use existing catch basin, inlet and manhole frames, and covers.
- E. Existing Fence at concrete wall: Remove fencing and rails. Cut posts flush with top of existing concrete wall and fill with grout. Sand or grind ends of post to remove any sharp or protruding edges. Coat ends of pipe and adjacent area with epoxy mastic, applied in accordance with manufacturer's instructions.

3.05 DISPOSAL OF WASTE MATERIALS

- A. Stockpile, haul from site, and legally dispose of waste materials and debris. Accumulation is not permitted.
- B. Maintain disposal routes clear, clean, and free of debris.
- C. On-site burning of combustible cleared materials is not permitted.

3.06 CLEANING

- A. Upon completion of site preparation work, clean areas within contract limits, remove tools, and equipment. Provide site clear, clean, and free of materials and debris and suitable for site work operations.

3.07 SALVAGED MATERIALS

- A. Materials, items, and equipment not scheduled for reinstallation or salvaged for the Owner's use are the property of the Contractor. Remove cleared materials from the site as the work progresses. Storage and sale of Contractor's salvage items on site is not permitted.

END OF SECTION

SECTION 02580

PAVEMENT MARKING

PART 1 GENERAL

1.01 DESCRIPTION

- A. Provide pavement marking system as shown and specified. The work includes:
 - 1. Preparation of bituminous concrete surface.
 - 2. Application of pavement marking system.

1.02 QUALITY ASSURANCE

- A. Comply with Section 02000 requirements.
- B. Materials and methods of construction shall comply with the following standards:
 - 1. American Society for Testing and Materials, (ASTM).
 - 2. U.S. Tennis Court and Track Builders Assoc.
- C. Contractor's Qualifications: Installation of Pavement coating and marking system shall be by a contractor with a minimum of five year's experience in the application of pavement coating systems and a demonstrated track record with the specific system specified.

1.03 SUBMITTALS

- A. Product data:
 - 1. Submit complete materials list of items proposed for the work. Identify materials source.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Deliver manufactured products in manufacturer's original, unopened, and undamaged containers with labels intact and legible.
- B. Store and handle manufactured products to prevent damage and deterioration.

1.05 PROJECT CONDITIONS

- A. Weather limitations:
 - 1. Do not install base course materials over wet or frozen subgrade surfaces.

2. Do not apply materials when temperature is 50 degrees F. or below. Do not apply to wet base surface.
- B. Protect adjacent work from damage, soiling, and staining during paving operations.

PART 2 PRODUCTS

2.01 MATERIALS

- A: Pavement marking system shall be Textured Acrylic Color System, as manufactured by Latex-ite International, Inc., 4051 North Point Road, Baltimore, MD 21222, (410) 477-5432, or substantially equivalent systems such as Plexipave by California Products, Cambridge, MA, 800-842-1161 or Novacrylic, by Nova Sports, USA, local representative Acme Maintenance Supply, Wakefield, MA, 617-245-6379, or other approved equal. System application shall consist of:
1. Primer Coat appropriate for bituminous concrete paving.
 2. Textured, pigmented acrylic top coat.
 3. Colors to be selected by the Landscape Architect from the Manufacturer's standard color ranges. Interior court color (A), including doubles alleys: US Open Blue or equivalent. Outside court color (B): Green.

PART 3 EXECUTION

3.01 INSPECTION

- A. Examine subgrades and installation conditions. Do not start pavement coating and marking work until unsatisfactory conditions are corrected.

3.02 PREPARATION

- A. Sweep and air-clean area to be surfaced.
- B. Follow manufacture's recommendations for cleaning of concrete surfaces prior to application of primer coat.

3.03 PAVEMENT COATING AND MARKING

- A. Follow manufacturer's recommendations for the application of primer and pigmented top coat systems.
- B. Provide patterns and colors shown. Recoat areas where pattern or evenness of lines is unacceptable to Landscape Architect.

- C. Apply one (1) coat of acrylic resurfacer mixed with 5-10 pounds of 50-60 mesh silica sand per gallon of resurfacer and applied at a rate of .07 to .10 gallon per square yard, or as recommended by manufacturer.
- D. Apply two (2) coats of Latexite textured surface at a rate of approximately .05 gallon/SY per coat or as recommended by manufacturer.
- E. Layout, mask and stripe playing lines with a paintbrush using 100% acrylic textured line paint.
- F. Remove masking tape and clean up general work area.

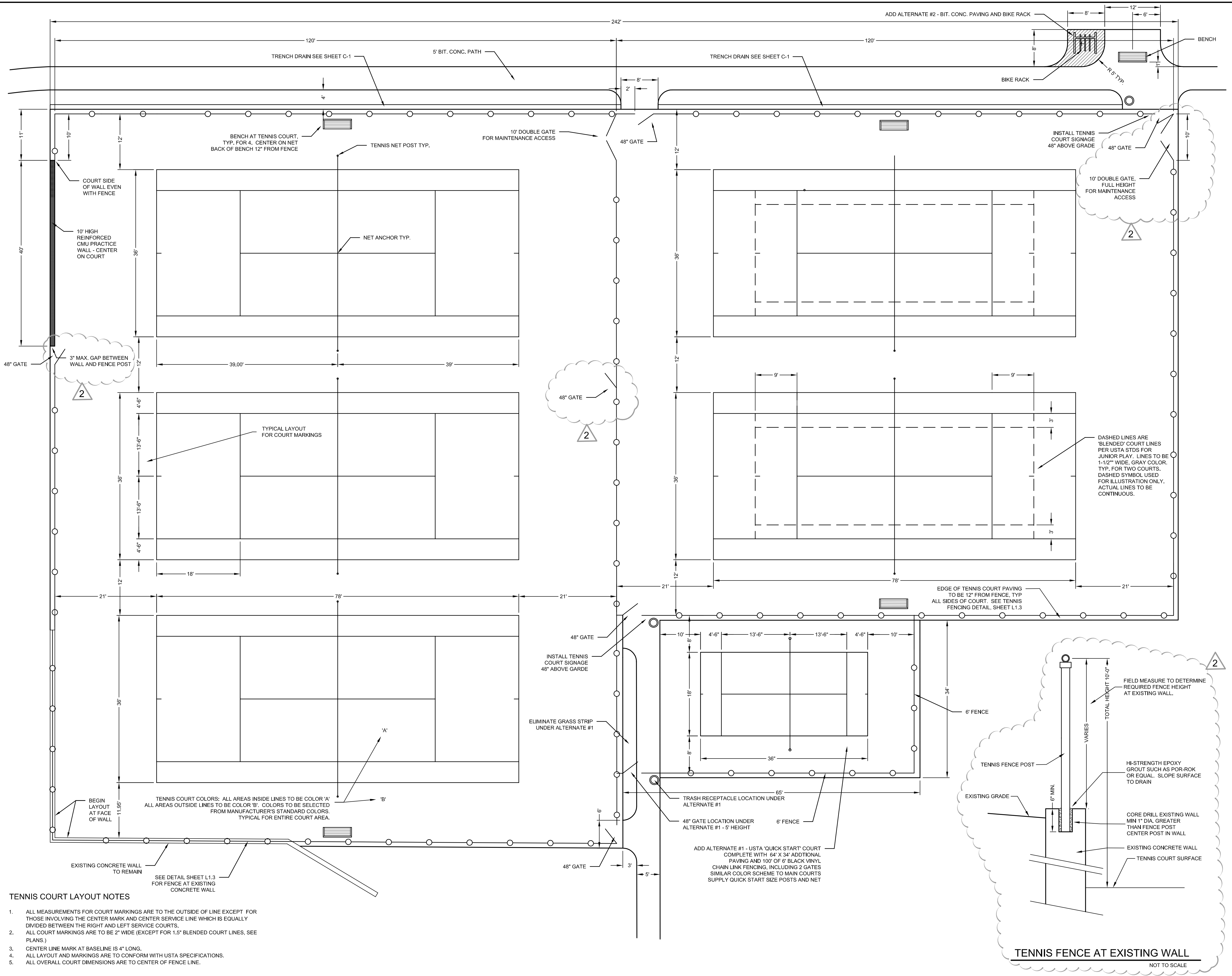
3.09 PROTECTION

- A. Protect newly applied coatings from damage to due to construction until manufacturer's recommended curing period is finished.

3.10 CLEANING

- A. Perform cleaning during installation of the work and upon completion of the work. Remove from site all excess materials, debris, and equipment. Repair damage resulting from coating operations.
- B. Sweep pavement and wash free of stains, discolorations, dirt, and other foreign material immediately prior to final acceptance.

END OF SECTION



- TENNIS COURT LAYOUT NOTES**
1. ALL MEASUREMENTS FOR COURT MARKINGS ARE TO THE OUTSIDE OF LINE EXCEPT FOR THOSE INVOLVING THE CENTER MARK AND CENTER SERVICE LINE WHICH IS EQUALLY DIVIDED BETWEEN THE RIGHT AND LEFT SERVICE COURTS.
 2. ALL COURT MARKINGS ARE TO BE 2" WIDE (EXCEPT FOR 1.5" BLENDED COURT LINES, SEE PLANS.)
 3. CENTER LINE MARK AT BASELINE IS 4" LONG.
 4. ALL LAYOUT AND MARKINGS ARE TO CONFORM WITH USTA SPECIFICATIONS.
 5. ALL OVERALL COURT DIMENSIONS ARE TO CENTER OF FENCE LINE.

Leonard Design Associates
*Site Planning/
 Landscape Architecture*
 95 Ronald Road
 Arlington, MA 02474
 (781) 641-0750

Gala Simon Associates

Civil Engineers
 Gala Simon Associates Inc.
 384 LOWELL STREET, SUITE 18
 LEXINGTON, MA 02420
 Tel: (781) 676-2862

No.	Date	Description
2	03/10/2015	ADDENDA #1
1	02/25/2015	ISSUE FOR BID
0	01/13/2015	COMMISSION REVIEW SET

SPY POND PARK TENNIS COURTS
 Arlington, Massachusetts
 Arlington Parks and Recreation Commission
 422 Summer Street
 Arlington, Massachusetts 02474
 (781) 641-5492

TENNIS COURT LAYOUT AND DETAILS

JOB NUMBER: 1414	DRAWN: ADL	DATE: 2/25/2015
FILE: arlparks/spy pond tennis	CHECKED: ADL	SCALE: 1" = 20'

L.4