ITEM:

1. Added Specification 221000 (Plumbing System)

2. Added Specification 221130 (Flush Type Ground Hydrant)

3. General Plumbing Notes – Revised

4. Drawing P101 (Plumbing) - Revised

5. Drawing LSK-1 (Demolition Scope) – Note Change

6. Drawing LKS-2 (Dimensions for Garden) – Note Change

7. Drawing LKS-3 - Delete Remnant Notes

8. Drawing LKS-4 – Plaque Location Detail

9. Drawing LKS-5 – Garden Fence Dimensions

10. Questions and Answers
PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. The requirements of Division 1, the General Conditions, the Supplementary General Conditions and the Contract Drawings are hereby made a part of this section as fully as if repeated herein.

B. The Contractor shall consult these sections in detail as he will be responsible for and governed by the conditions set forth therein and the work indicated.

1.2 DESCRIPTION

A. Description of System(s): Perform all work necessary and/or required and furnish all materials for a complete installation of the system(s) indicated and specified. Such work shall include, but not be limited to, the following:

1. Piping for ground hydrant system
2. Backflow preventor and valves
3. All miscellaneous devices and accessories for the hydrant systems.

1.3 QUALITY ASSURANCE

A. Qualifications:

1. Unless otherwise specified or indicated, all materials and equipment shall be the products of a manufacturer regularly engaged in the production of plumbing materials and equipment.

2. All design, fabrication and erection shall be performed in full compliance with all applicable laws, ordinances, rules, regulations and the latest edition of the following codes and standards:

   a. IBC
   b. National Plumbing Code
   c. Philadelphia Plumbing Code
   d. NFPA
   e. UL
   f. OSHA

B. Requirements of Regulatory Agencies:

1. Contractor shall comply with all applicable code and regulatory requirements of Federal, State and local authorities. These shall include, but not be limited to, the following:

   a. State Health Department
   b. Local Department of Licenses and Inspections
2. Contractor shall comply with all requirements regarding the testing and inspections of piping system.

1.4 SUBMITTALS

A. General:

1. Submit shop drawings and descriptive data in accordance with the General and Supplementary Conditions of this Specification.

2. Obtain approval of submittals prior to ordering or fabricating materials.

B. Shop Drawings: Furnish shop drawings and descriptive data, complete with project designation, for the following:

1. Backflow preventer and valves
2. Ground hydrant

1.5 PRODUCT DELIVERY, HANDLING & STORAGE

A. Delivery: Deliver equipment and materials to project site in manufacturer's unopened original packaging.

B. Handling: During loading, transporting and unloading exercise care to prevent damage to equipment and materials.

C. Storage: Store materials in area protected from weather, moisture and mechanical damage. Materials that have been exposed to weather or moisture and exhibit excessive scale, rust or water damage will not be permitted.

PART 2 - PRODUCTS

2.1 HYDRANT AND PIPING

A. Ground Hydrant: non-freeze, flush type, lead-free – Zurn Z1360XL, Murdock or as approved equal

B. Piping – 2” diameter CPVC pipes, including accessories or as approved equal

C. Pressure regulating valve

D. Backflow preventor

E. Valves

PART 3 - EXECUTION

3.1 PIPING INSTALLATION

A. Water Piping Installation:

1. Cold water piping:
a. Layout: Connect at ground water hydrant and install as indicated to supplies, plumbing components, etc.

2. Water piping accessories:
   a. Install plumbing water lines and accessories according to Philadelphia Plumbing Code.

3.2 TESTING, BALANCING AND ADJUSTING

A. Test procedures outlined here are a minimum requirement. If requirements of governing authorities or utility companies are more stringent, perform testing procedures as directed thereby. Remove or valve any appurtenances that are not capable of withstanding test pressure.

B. Pressure testing of all piping systems as follows:
   1. Entire plumbing system of piping and ground hydrants:
      a. Test with water unless weather conditions prevent so doing, in which case, use air.
      b. Static head of water or psig minimum air pressure must be maintained for 60 minutes without loss of pressure.
      c. All portions of piping may be tested in sections with necessary test tee connection.
      d. Finally, test entire system from City of Philadelphia water main.
   2. All systems of water piping in place for a 24 hour period as follows:
      a. 50 psig in excess of expected normal operating pressure.

C. Test, calibrate and adjust as required the following system components:
   1. Shut-off valves
   2. Backflow preventers
   3. Pressure regulating valves

D. On the entire cold water piping system:
   1. Balance to assure proper flow to each ground water hydrants (hose bibbs).
   2. Adjust as required for quiet and proper operation.

E. Submit to the Engineer all data required for conformance to the requirements of this Article.

END OF SECTION
CAPITOLO PLAYGROUND FIELD RENOVATIONS

SECTION 22 11 30

FLUSH TYPE GROUND HYDRANT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. The requirements of Division 1, the General Conditions, the Supplementary General Conditions and the Contract Drawings are hereby made a part of this section as fully as if repeated herein.

B. The Contractor shall consult these sections in detail as he will be responsible for and governed by the conditions set forth therein and the work indicated.

1.2 DESCRIPTION

A. Description of System(s): Perform all work necessary and/or required and furnish all materials for a complete installation of the system(s) indicated and specified. Such work shall include, but not be limited to, the following:

1. Piping for hydrant systems
2. Backflow preventers
3. Shut-off valves
4. Pressure regulating valves

1.3 QUALITY ASSURANCE

A. Qualifications:

1. Unless otherwise specified or indicated, all materials and equipment shall be the products of a manufacturer regularly engaged in the production of plumbing materials and equipment.

2. All design, fabrication and erection shall be performed in full compliance with all applicable laws, ordinances, rules, regulations and the latest edition of the following codes and standards:
   a. IBC
   b. National Plumbing Code
   c. Philadelphia Plumbing Code
   d. NFPA
   e. UL
   f. OSHA

B. Requirements of Regulatory Agencies:

1. Contractor shall comply with all applicable code and regulatory requirements of Federal, State and local authorities. These shall include, but not be limited to, the following:
   a. State Health Department
b. Local Department of Licenses and Inspections
2. Contractor shall comply with all requirements regarding the testing and inspections of domestic water piping system.

1.4 REFERENCES
   A. ASME A112.21.3M
   B. ASSE 1011
   C. SWDA Sect 1417(d)

1.5 SUBMITTALS
   A. Comply with all related sections, such as Submittal Procedures, as required.
   B. Product Data: Submit manufacturer's product data, including installation instructions.

1.6 DELIVERY, STORAGE, AND HANDLING
   A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
   B. Storage: Store materials in clean, dry area in accordance with manufacturer's instructions. Do not store materials in direct sunlight.
   C. Handling: Protect materials and finish during handling and installation to prevent damage.

PART 2 - PRODUCTS
2.1 MANUFACTURERS
   A. Hydrant
      1. Ground Hydrant: non-freeze, flush type, lead-free – Zurn Z1360XL, Murdock or as approved equal

PART 3- EXECUTION
3.1 EXAMINATION
   A. Examine areas to receive Ground Hydrant. Notify Engineer of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

3.2 INSTALLATION
   A. Install Ground Hydrant in accordance with manufacturer's instructions provided in the manner deemed acceptable by the engineer or City of Philadelphia.

3.3 PROTECTION
   A. Protect installed Ground Hydrant from damage prior to, during, and post construction.

END OF SECTION
RELOCATE (1) EXISTING PLAQUE ON NEW POST AT NEW LOCATION ALONG PASSYUNK AVE SIDEWALK

EXISTING PAVING AND FENCE AROUND THE SCOREBOARD TO REMAIN. SCOREBOARD TO BE REPAIRED AND PAINTED UNDER A SEPARATE PROJECT. (N.I.C.)

RELOCATE PLANTER TABLE COORDINATION WITH COMMUNITY GARDEN REQUIRED

NOTE: COORDINATION W/ COMMUNITY GARDEN MAY BE REQUIRED PRIOR TO REMOVAL OF FENCE

REMOVE 72 FT OF 5' HIGH C.L. FENCE

REMOVE 247 FT OF 5' HIGH C.L. FENCE. SALVAGE FENCE FABRIC FOR REUSE.
RUN FENCE LINE 2" FROM LIGHT FOOTING

SCALE: 1"=30'-0"
INSTALL 130 FT OF 5' HIGH VINYL COATED C.L. FENCE. REUSE SAVAGED FENCE FABRIC

RELOCATED CARGO CONTAINER ON CONCRETE PAD

PROPOSED BLEACHER 3-ROW 18' LONG. CENTERED BETWEEN TWO EXISTING TREES

PROPOSED TRASH RECEPTACLE
New Locations for Relocated Plaques

Scale: 1"=20'-0"

15" FEATHERED EDGE WALL COPING

13" FEATHERED EDGE WALL COPING

EXISTING CONCRETE WALK

Plaque Detail

Scale: 3/4"=1'-0"

8 L-501

Synterra Ltd.

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Construction Management
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PROJECT TITLE

Rebuild
CAPITOLO PLAYGROUND
FIELD RENOVATIONS

date August 23, 2021
drawn by Synterra Ltd.

scale as shown

project no. 16150E-05-02
reference drawing no. L-103/L-501
sketch no. LSK-4
sheet 4 of 4

issue: ADDENDUM #1

(RQTY. 2)
1. Specification Section 012100 calls for a 2% permit fee allowance. Typically there is a separate line item on the bid form for this type of allowance. Under which line item should we include this allowance?  
   **ANSWER:** The permit fee should be included in the Mobilization/Demobilization line item.

2. The proposed elevation contours on Sheet L-104 show minor re-grading of the entire field. Is it the intent to have the entire field stripped of topsoil, regraded, and then have the topsoil returned? Or are you intending just to fine grade the existing topsoil without fully stripping?  
   **ANSWER:** The intent is to smooth out irregularities and promote positive drainage so it would be fine grading with aeration of existing topsoil without fully stripping. Due to archeological concerns, we would like to keep the disturbance to the minimum.

3. Can all bidders assume the existing topsoil is suitable for re-use?  
   **ANSWER:** Contractors to obtain soil report and amend the existing topsoil as per recommendations in soil report.

4. The Kifco representative informed me that the B140 Water Reel will not work with a ¾” water line. At a bare minimum this should be a 2” water line but he would recommend a 3” line to fully cover 100,000 sf of sod. His name is Tom Matt and he can be reached at (315) 225-7054 if you wish to discuss with him. Please clarify if we should bid the plans as drawn or figure a new 2” water service connection which will require a meter pit and a hot box with a new backflow preventer.  
   **ANSWER:** The size of the supply water line in the existing valve pit, connected to the ground water hydrant, was changed from 3/4” to 2”. This includes the line with the new backflow preventer, new shut-off valves, new water meter, new pressure regulating valve.