

ADDENDUM NO. 1

1 August 2019

To all Bidders on the Project titled: **Ayer DPW Recreation Department Garage**

Owner:

Ayer Department of Public Works
25 Brooks St
Ayer, MA
Contact: dVanSchalkwyk@ayer.ma.us
Project #: 17DPW12

Designer:

William Sloan Associates
551 Main St.
Winchester, MA
Contact: jeff@williamsloan.com

Reference Contract Documents (drawings and specifications) dated 7/24/19.

The attention of bidders submitting proposals for the above subject project is called to the following addendum to the specifications and drawings. The items set forth herein, whether of omission, addition, substitution, or clarifications are all to be included in and form a part of the proposal submitted.

THE NUMBER OF THIS ADDENDUM (1) MUST BE ENTERED IN THE APPROPRIATE SPACE OF THE CONTRACT FORM ENTITLED "NON-PRICE AND PRICE PROPOSAL FORMS."

ATTENTION TO BIDDERS

Item No. 1.: Sign-In Sheet from On-Site Project Briefing is attached

DRAWINGS

Item No. 2.: A-001 Site Plan

SPECIFICATIONS

Item No. 3.: Reference Section 337010 Electrical Site Utilities

All other portions of the Contract Documents remain unchanged.

Please be reminded to acknowledge this Addendum on the bid forms.

Item No. 4.: Reference Section 099000 Painting and Coating

Add to PART 3

Subsection 3.08 PAINTING SCHEDULE

C. Painting of Interior Surfaces

7. Exposed Concrete Floor Sealer

One Coat

- 1. Ashford Formula by Curecrete Chemical**
- 2. Chem Probe CT Denisifyer**
- 3. Degussa R41 Sealer**
- 4. PPG PMC NU-Klad 126 or Amerlock Sear at 1.0 to 1.5 mils DFT**
- 5. S-W Denisfyer**

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All other portions of the Contract Documents remain unchanged.

Please be reminded to acknowledge this Addendum on the bid forms.

QUESTIONS & CLARIFICATIONS

- The Town of Ayer will pay for all permits, but the Contractor will apply for and coordinate all permits
- "Town of Ayer, MA Department of Parks and Recreation" Signage at the entrance to the Office will be part of the bid.
- Perimeter Drains Shown on Section on Sheet A-301, will drain to Daylight with a Rain Garden
- Oil and Sand Separator will tie into the existing sewer line
- Paving will occur only at the apron in front of the garage bays, and at the HC Parking space.
- Concrete Floor of the Garage will be sealed.

All other portions of the Contract Documents remain **unchanged**.
Please be reminded to acknowledge this Addendum on the bid forms.

--- End of Addendum No. 1 ---

SECTION 33 70 10

ELECTRICAL SITE UTILITIES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. All of the Contract Documents, as listed on the Table of Contents and including General and Supplementary Conditions and Division 01, General Requirements, shall be included in, and made part of, this Section.

1.02 DESCRIPTION OF WORK: FURNISH AND INSTALLATION OF THE FOLLOWING:

- A Overhead Secondary Cables
- B Service Mast and Weatherhead
- C Non-metallic Conduit
- D Include core drilling of concrete foundation wall as required.

1.03 RELATED WORK

- A. Carefully examine all of the Contract Documents, criteria sheets and all other Sections of the specifications for requirements which affect work under this Section, whether or not such work is specifically mentioned in this Section.

1.04 SHOP DRAWING SUBMITTALS

- A. Prepare and submit shop drawings in accordance with the requirements hereinbefore specified, and with the Shop Drawings, Product Data and Samples Division 01 in the manner described therein, modified as noted hereinafter.
- B. All shop drawings shall have clearly marked the appropriate specification number of drawing designation, for identification of the submittal.
- C. Disposition of shop drawings shall not relieve the Subcontractor from the responsibility for deviations from drawing or specifications, unless he has submitted in writing a letter itemizing or calling attention to such deviations at time of submission and secured written approval from the Engineer, nor shall such disposition of shop drawings relieve the Subcontractor from responsibility for errors in shop drawings or schedules.
- D. All final approved shop drawings shall be included in the required O & M manuals.
- E. Shop drawings shall include, but shall not be limited to, the following:
 - 1. Overhead Cables.

2. Service Mast with Weatherhead
3. Boxes.
4. Conduit.
5. Contractor proposed routing of all conduits 2½ inches in diameter and larger.

PART 2 - PRODUCTS

2.01 BOXES

A. Junction and Pull Boxes

1. Boxes shall be constructed of high density reinforced concrete.
2. Provide flat plain removable covers with suitable flat head machine screws or slotted truss head bolts.
3. Boxes shall be manufactured by one of the following: Hoffman, McKinstry or Approved Equal.

2.02 NONMETALLIC CONDUIT

A. PVC Conduit Schedule 40

1. Schedule 40 PVC shall be permitted for installation underground, encased in concrete or exposed subject to the restrictions of the National Electrical Code and Part 3 of this specification.
2. Schedule 40 PVC shall not be permitted:
 - a. Above grade.
 - b. Where subject to physical damage.
3. Conforms to:
 - a. UL Standard 651 (conduit) and 514 (fittings)
 - b. NEMA TC-2 (conduit) and TC-3 (fittings)

B. All penetrations through foundation walls shall be rigid metallic conduits. Provide changeover couplings and RMC as required.

1. Where conduits pass through a concrete foundation wall of a structure below grade or through a slab floor, provide a Thruwall & Floor Seal fitting equal to OZ Gedney Type FSK fitting.
2. Where a waterproofing membrane is to be installed on the exterior side of the penetration, provide an OZ Gedney FSKA adaptor to clamp the membrane material around the casing penetration.

3. All conduits shall be provided with American Polywater Corporation FST Foam Sealant inside all conduits that penetrate from the exterior of building structure.
- C. Plastic conduit and fittings shall be manufactured by one of the following: Carlon Products Corp., Cantex or Approved Equal.

PART 3 - EXECUTION

3.01 INSTALLATION

A. Core Drilling

1. Electrical subcontractor shall provide core drilling required for installation of electrical systems as follows:
 - a. Electrical subcontractor shall carry all costs for core drilling, including but not limited to, drilling of openings, time and materials to safely seal and fireproof/waterproof/smokeproof all openings, protection of structure and area of drilling, clean-up of area, etc.
 - b. Electrical subcontractor shall be responsible for any circular penetrations required for proper installation of electrical systems.
 - c. Locate required openings, prior to coring, and coordinate openings with existing utilities, trades, etc.
 - d. Do not disturb or interrupt existing systems.
 - e. Electrical subcontractor shall be responsible for damage to building and building systems from coring operation.
 - f. All holes, openings, etc. shall be sealed to the satisfaction of the Engineer, Architect and Owner.

B. Cutting, Patching and Conduit Sleeves

1. The Contractor / Subcontractor shall be responsible for all core drilling required for his work, but in no case shall he cut into any structural elements without the written approval of the Architect.
2. All cutting, rough patching and finish patching required for electrical work shall be provided by the Contractor / Subcontractor.
3. All concrete and masonry equipment bases and pads, concrete duct banks, curbs, chases, pockets and openings required for the proper installation of the work under this Contract will be provided by the General Contractor, using dimensions, templates, bolts, anchors, as required by the manufacturer's installation details of the various equipment.

4. Where conduits pass through masonry or concrete walls, foundations or floors, the Subcontractor shall set such sleeves as are necessary for passage of the conduits. Sleeves shall be of sufficient size to provide air space around the conduit passing through for fireproofing. The Subcontractor shall be responsible for the exact location of sleeves provided under his Contract.
5. Conduit passing through exterior walls and floors below grade shall be made watertight with caulking compound and pipe sleeves with wall collar located at the center of the wall extending 8" all around the conduit. Collar shall be 1/8" thick steel welded to sleeve. Coordinate material requirements with the Contractor.
6. Sleeves and inserts shall not be used in any portions of the building where their use would impair strength or construction features of the building. Elimination of sleeves must be approved by Architect.
7. Pipe sleeves shall be Schedule 40 galvanized steel and shall be set, as follows:
 - a. Set sleeves 6" above finish floor and flush on each side of walls.
 - b. Set sleeves 6" above finished floor and flush on each side of walls and electric room floors.
 - c. Sleeves in walls and partitions shall terminate flush with finished floor.
 - d. Sleeves shall be set securely in place before concrete is poured.
 - e. Sleeves shall be minimum 2" larger in diameter than the pipe passing through it.
8. Conduits passing through fire partitions shall be provided with 10 gauge steel pipe sleeves and firestopped.
9. All cutting and patching required by the Electrical Subcontractor in finished areas which require access shall have access panels as specified elsewhere in this specification.
10. Where conduits passing through openings are exposed in finished rooms, finishes of filling materials shall match and be flush with adjoining floor, ceiling and wall finishes.
11. Fill slots, sleeves and other openings in floors and walls if opening is not used. Identify unused sleeves and slots for future installation.
12. Lay out conduit and openings in advance, to permit provision in work. Set sleeves and conduit in forms before concrete is poured. Provide remedial work where sleeves and conduits are omitted or improperly placed.

AYER DEPARTMENT OF PUBLIC WORKS
25 BROOK ST, AYER, MA

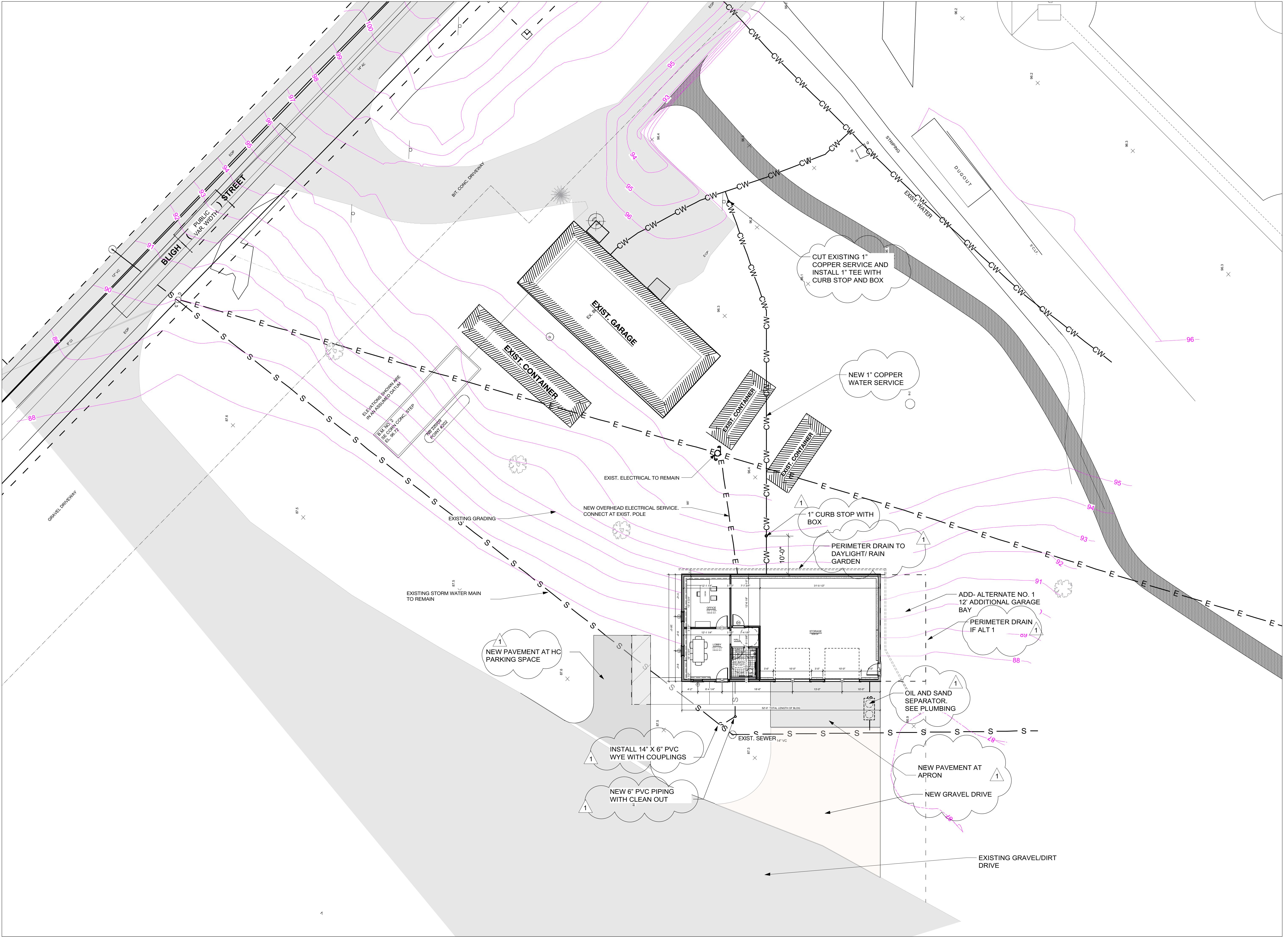
RECREATION DEPARTMENT GARAGE
Addendum 1 8/01/19

END OF SECTION



Project:
**Recreation Dept.
 Garage
 Pirone Park
 BID SET**

Client:
 Town Of Ayer
 1 Main St.
 Ayer, MA 01432



WILLIAM SLOAN ASSOCIATES
 ARCHITECTS

933 MAIN STREET, WINCHESTER, MA 02886 (781) 729-2510

Issues / Revisions		
No.	Date	Notes
1	8/1/19	SITE UTILITIES/ PAVING

Designed By	CS
Project Manager	CS
Drawn By	KR
Date	7/24/19
Drawing Title	

SITE PLAN

Scale: 3/32" = 1'-0"

Drawing No.

A-001