

ADDENDUM NO. TWO (2)

Date: January 16, 2023 Architect's Project No. A22-053

PROJECT: **IFB #23-004 Gary Pirkle Park Restroom Building**

Client: City of Sugar Hill

Contract for: General Contracting

This Addendum forms a part of the Contract Documents and Construction Drawings and modifies the original Bid Documents for the above referenced project.

CHANGES TO THE CONTRACT DOCUMENTS

A. CHANGES TO THE SPECIFICATIONS

SECTION 00 30 00 BID FORM:

Replace section 00 30 00 Bid Form in its entirety with attached Revised section 00 30 00 Bid Form.

SECTION 06 17 53 SHOP FABRICATED WOOD TRUSSES:

Insert new section 06 17 53 Shop Fabricated Wood Trusses.

Refer to additional Clarifications below.

B. CHANGES TO THE DRAWINGS - None at this time

C. CLARIFICATIONS

1. Contract Time:

Based on receipt of bids on Wednesday, January 25, 2023, the City expects to provide a Notice of Award within 45 days by Monday, March 13, 2023 at 2:00 p.m., and a Notice to Proceed within 15 days dated March 28, 2023. The General Contractor will then have 240 consecutive days to reach substantial completion on **Thursday, November 23, 2023**. Final completion would then be set 30 days beyond substantial completion.

2. Liquidated Damages:

Strike the following language in the Advertisement for Bid: "The Contractor shall be liable and hereby agrees that the OWNER may retain from the monies which become due as liquidated damages and not as a penalty the amount of **\$1,000.00** per day for every calendar day that the work is not completed beyond the date of substantial completion, and an additional **\$500.00** per day for every calendar day that the work is not completed beyond the date of final completion as liquidation for the extra expenses incurred by the OWNER and liquidated damages to the OWNER."

Replace stricken language with the following as stated in Specification Section 00 80 00 Supplemental Conditions, Article 9.8.6 and Edited as follows: “The Contractor shall pay the Owner the sum of **Two Hundred Fifty Dollars (\$250.00)** per day for each and every calendar day of unexcused delay in achieving Substantial Completion of the Project beyond the date set forth in the Contract Documents for Substantial Completion. Any sums due and payable hereunder by the Contractor shall be payable, not as a penalty, but as liquidated damages representing an estimate of delay damages likely to be sustained by the Owner, estimated at the time of executing the Contract. When the Owner reasonably believes that substantial Completion will be inexcusably delayed, the Owner shall be entitled, but not required, to withhold from any amounts otherwise due the Contractor an amount then believed by the Owner to be adequate to recover liquidated damages applicable to such delays. If and when the Contractor overcomes the delay in achieving Substantial Completion, or any part thereof; for which the Owner has withheld payment, the Owner shall Promptly release to the Contractor those funds withheld, but no longer applicable, as liquidated damages.”

And Specification Section 00 80 00 Supplemental Conditions, Article 9.10.6 and Edited as follows: “If the Contractor fails to achieve Final Completion of the Project within thirty (30) days of the date of Substantial Completion, the Contractor shall pay the Owner the sum of **One Hundred Fifty Dollars (\$150.00)** per day for each and every calendar day of unexcused delay in achieving Final Completion beyond the date set forth herein for Final Completion of the Work. Any sums due and payable hereunder by the Contractor shall be payable, not as a penalty, but as liquidated damages representing the estimate of delay damages likely to be sustained by the Owner, estimated at or before the time of executing this Contract. When the Owner reasonably believes that Final Completion will be inexcusably delayed, the Owner shall be entitled, but not required, to withhold from any amounts otherwise due the Contractor an amount then believed by the Owner to be adequate to recover liquidated damages applicable to such delays. If and when the Contractor overcomes the delay in achieving Final Completion, or any part thereof, for which the Owner has withheld payment, the Owner shall promptly release to the Contractor those funds withheld, but no longer applicable, as liquidated damages.”

Please refer to Specification Sections 00 70 00 General Conditions, Delays and Extensions of Time, Article 8.3, and 00 80 00 Supplemental Conditions, Article 8.3, Delays and Extensions of Time for additional information.

3. **Temporary Power/Water Access:**

Temporary water and power is addressed in Specification Section 01 50 00 Temporary Facilities, Controls and Services. Refer to Contract Drawing sheet C-3 and C-4 for water and A1.1 and E1.1 for power.

In addition, please include the following in your Lump Sum Base Bid: At the point where the new 2” water line shown on sheet C-4 intersects with the construction limits shown on C-3, the Contractor is to install a valve with at grade box, then on the building side of the valve, install a tee to a new lockable frost-proof yard hydrant. This hydrant shall be used to provide temporary water to the construction site and may remain in-place at the completion of the project. Continue installation of the 2” water line to the building for the permanent water supply based on the needs of the construction schedule. Temporary power may be connected to the existing mini power zone serving pole lighting – transformer and secondary panel board rated 120/240V, 70 amp. Refer to Sheet E1.1.

4. Please note the #57 stone shown on the drawings that is to be placed under all of the elevated slabs and stairs is to provide drainage in the event of flooding in this area. Compaction of this fill is not required.
5. All interior concrete floors are to receive the specified solvent-borne acrylic sealer. Sealer shall terminate under the threshold of the exterior door. Refer to specification section 09 91 00, paragraph 2.04 F.
6. The City of Sugar Hill shall be responsible for all Gwinnett County permitting fees. Sugar Hill permitting fees are waiver.
7. The sanitary tie-in and test manhole shown on drawing C-3 are to be pre-cast concrete structures. These are not in a GDOT right-of-way and are therefore not required to be GDOT approved. All Gwinnett County standards and regulations are to be followed.
8. The General Contractor is required to submit E-Verify documentation in accordance with specification section 00 62 00. Documentation from subcontractors is not required to be turned in to the Owner.
9. Refer to specification section 01 73 00 Construction Execution, 3.03 Working Times, for allowable working hours for this project. No work shall be completed outside of these hours without prior written consent from the Owner.
10. Bids will be received at the customer service desk of the City of Sugar Hill City Hall at 5039 West Broad Street, Sugar Hill, GA 30518. Bids will be publicly read aloud in the History Conference room on the first floor of this location at 2:15 p.m. local time. Refer to the Advertisement for Bid for additional information.

D. CONSTRUCTOR QUESTIONS

- Q1. Could you please confirm if your financing of the project requires certified payroll reporting under The Davis-Bacon Act?
- A1. **This is funded with all local money. No federal or state reporting is required.**

E. SUBSTITUTIONS APPROVAL - None at this time

F. LIST OF ATTACHMENTS

Revised Specification Section 00 30 00 Bid Form (4 pages)
Specification Section 06 17 53 Shop Fabricated Wood Trusses (7 pages)
IFB #23-004 – Pre-Bid Conference Sign-in Sheet dated 01-11-2023 (2 pages)
IFB #23-004 – Plan Holder List dated 01-12-2023 (1 page)

PLEASE NOTE: Contractors shall acknowledge receipt of this Addendum on Page 00 30 00-1 of the BID FORM.

END OF ADDENDUM NO. TWO (2)

SECTION 00 30 00

BID FORM
Revised per Addendum No. 2

Bid for General Contracting for the Gary Pirkle Park Restroom Building

Bid submitted by:

_____ (Hereinafter referred to as "BIDDER")
(Name of Contractor)

City of Sugar Hill (Hereinafter referred to as "OWNER")
5039 West Broad Street
Sugar Hill, GA 30518

Ladies and Gentlemen:

The BIDDER by making a bid represents that the following have taken place:

- The BIDDER has read and understands the bidding documents and the bid is made in accordance therewith.
- The BIDDER has read and understands the bidding or contract documents to the extent that such documentation relates to the work for which the bid is submitted and to other portions of the project, if any, being bid concurrently or presently under construction.
- The BIDDER has visited the site, become familiar with local conditions under which the work is to be performed, and has correlated the BIDDER'S personal observations with the requirements of the proposed contract documents.
- The BID is based upon the materials, equipment, and systems required by the bidding documents without exception.
- The BIDDER has studied and compared the bidding documents with each other and has reported to the Architect in writing any errors, inconsistencies, or ambiguities discovered.
- The BIDDER hereby agrees to commence work under this contract on or before a date to be specified in a written "Notice to Proceed" of OWNER and to fully complete the project within the time frame as described in Section 00 03 00, Advertisement for Bids.
- The BIDDER acknowledges receipt of the following addenda:

ADDENDUM NO.	DATE RECEIVED

- The BIDDER understands that the OWNER reserves the right to reject any or all bids and to waive any informalities in the bidding.

- The BIDDER agrees that his bid shall be binding and may not be withdrawn for a period of sixty (60) calendar days after the scheduled closing time for receiving bids.
- The BIDDER agrees that the bid security attached in the sum of five (5%) percent of the total bid is to become the property of the OWNER in the event the Contract and bonds are not executed within the time set forth, as liquidated damages for the delay and additional expense to the OWNER caused thereby.
- The BIDDER proposed to furnish all services, labor and materials required by them for the entire work and to **include all Unit Prices and Allowances indicated below within the Lump Sum Base Bid** in accordance with said documents for the sum of:

LUMP SUM BASE BID

\$ _____
 _____ (Dollars) (\$ _____)

Which sum is hereinafter called the "Base Bid".

- **CONTRACT TIME: 240 DAYS**

The following Extensions are submitted as part of this Lump Sum Proposal (see Section 01 27 00 – Unit Prices and Allowances for additional information). These estimated unit price quantities are included in the scope of the work upon which the Contract Sum is based. All cubic yard (CY) volumes for unit prices shall be measured as ‘in place’ compacted volume. The Proposer declares that he understands that the quantities work shown, for the Unit Prices items, are approximate only and are subject to either increase or decrease, and that should the quantities of any of the items of the work be increased, the Proposer proposed to do the additional work at the unit prices listed herein; and should the quantities be decreased, the Proposer also understands that payment will be made on the basis of actual quantities at the unit price proposal and will make no claim for anticipated profits for any decrease in quantities and that the actual quantities will be determined upon completion of the work; at which time adjustment will be made to the Contract Sum direct increase or decrease.

SCHEDULE OF UNIT PRICES AND ALLOWANCES

Unit Prices shall be included for the following items:

ITEM	QUANTITY/ UNIT	UNIT PRICE	ALLOWANCE
1. <u>Unsuitable Material:</u>			
a. Removal and disposal off-site of unsuitable materials.	50 CY	\$ _____/CY	\$ _____
2. <u>Suitable Soil:</u>			
a. Provide suitable soil from off-site and compact in-place to replace excavated rock or unsuitable soil.	50 CY	\$ _____/CY	\$ _____
3. <u>Stone and Sand Base:</u>			
a. Haul in and placement of sand base.	25 TONS	\$ _____/TON	\$ _____
b. Haul in and placement of #57 stone.	25 TONS	\$ _____/TON	\$ _____
4. <u>Design Allowance:</u>			
a. Provide a Design Allowance in the amount of 5% of the Lump Sum Base Bid amount. Refer to specification section 01 27 00 Unit Prices and Allowances.	N/A	5%	\$ _____
5. <u>Construction Contingency Allowance:</u>			
a. Provide a Contingency Allowance in the amount of 5% of the Lump Sum Base Bid amount. Refer to specification section 01 27 00 Unit Prices and Allowances.	N/A	5%	\$ _____

SCHEDULE OF ALTERNATES

Alternate Prices shall be provided for the items indicated below. Please clearly indicate whether the alternate price provided is a deductive price or additive price.

ITEM	UNIT PRICE	ALTERNATE PRICE
1. <u>Landscape Material:</u>		
a. In lieu of all the plant material, mulch and sod shown on sheet A1.3; provide only (2) Trident Maple trees as specified with a 36" diameter circle of 3" deep mulch at the trees base. All other areas of disturbed soils shall be fine graded and stabilized with grass seed to match existing and straw.	N/A	\$ _____
2. <u>Guardrail Fence:</u>		
a. In lieu of steel guard rail detailed on the drawings provide Ameristar Echelon Plus aluminum ornamental fencing. Refer to specification section 32 31 00 Decorative Metal Fencing.	N/A	\$ _____

ITEM	UNIT PRICE	ALTERNATE PRICE
3. <u>Pre-Engineered Wood Roof Trusses:</u> a. In lieu of light gauge steel roof trusses, provide shop fabricated wood roof trusses. Refer to specification section 06 17 53 Shop Fabricated Wood Trusses.	N/A	\$ _____

Failure to return this page as part of bid document may result in rejection of bid.

- * Unsuitable soils are defined as those containing deleterious matter (such as organics, alluvium, debris and/or trash).
- * Subgrade is defined as the material located directly below the granular base beneath slabs-on-grade, footings or pavement. It shall consist of suitable soil material (whether existing or structurally placed by the contractor) able to meet compaction requirements as. Under no circumstances will the Contractor receive payment for undercut of fill materials placed by the Contractor.

Respectfully Submitted:

(Contractor Name)

By: _____
(Signature)

Title: _____

Business Address: _____

Federal I.D. or Social Security No.: _____

ATTEST: _____
(Signature)

Name: _____
(Please Type)

NOTE: Attest for a Corporation must be by the corporate secretary; for a Partnership by another partner; for an Individual by a Notary.

END OF SECTION 00 30 00

SECTION 06 17 53

SHOP FABRICATED WOOD TRUSSES

Issued per Addendum No. 2, 01-16-2023

PART 1 - GENERAL

1.01 SUMMARY

A. Section includes:

1. Triangular-pitched roof trusses.
2. Girder and hip trusses.
3. Truss accessories.

B. Related Documents:

1. Drawings and General Provisions of Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.

C. Related Sections: The following Sections contain requirements that relate to this Section:

1. Division 5 Section "Metal Fabrications" for rough hardware anchoring trusses to concrete or masonry structures.
2. Division 6 Section "Rough Carpentry" for roof and floor sheathing of structural-use panels and dimension lumber for supplementary framing and permanent bracing.

1.02 DEFINITIONS

- A. Shop fabricated wood trusses include planar structural units consisting of metal-plate-connected members fabricated from dimension lumber and cut and assembled before delivery to Project site.

1.03 PERFORMANCE REQUIREMENTS

- A. Structural Performance: Engineer, fabricate, and erect metal-plate-connected wood trusses to withstand design loads within limits and under conditions required.

1. Design Loads: As indicated.
2. Design trusses to withstand design loads without deflections greater than the following:
 - a. Roof Trusses: Vertical deflection of 1/240 of span due to total load.
 - b. Roof Trusses: Horizontal deflection at reactions of 1-1/4 inches (32mm) due to total load.

- B. Engineering Responsibility: Engage a fabricator who uses a qualified professional engineer to prepare calculations, Shop Drawings, and other structural data for metal-plate-connected wood trusses.

1.04 SUBMITTALS

- A. General: Submit each item in this Article according to the Conditions of the Contract and Division 1 Specification Sections.

- B. Product Data: For lumber, metal-plate connectors, metal framing connectors, bolts, and fasteners.

1. Submit "Letter of Conformance" in accordance with Section 01 33 00 indicating specified items selected for use in project.

- C. Shop Drawings detailing location, pitch, span, camber, configuration, bracing, bridging, and spacing for each type of truss required; species, sizes, and stress grades of lumber to be used; splice details; type, size, material, finish, design values, and orientation and location of metal connector plates; and bearing details.
 - 1. To the extent truss design considerations are indicated as fabricator’s responsibility, include structural analysis data signed and sealed by the qualified professional engineer responsible for their preparation.
 - 2. Include truss Shop Drawings signed and sealed by the qualified professional engineer responsible for their preparation.
- D. Product certificates signed by officer of truss fabricating firm certifying that metal-plate-connected wood trusses supplied for Project comply with specified requirements and Shop Drawings.
- E. Qualification data for firms and persons specified in “Quality Assurance” Article to demonstrate their capabilities and experience. Include lists of completed projects with projects names and addresses, names and addresses of architects and owners, and other information specified.
- F. Material test reports from a qualified independent testing agency indicating and interpreting test results relative to compliance of fire-retardant-treated wood products with requirements indicated.
- G. Warranty of chemical treatment manufacturer for each type of treatment.
- H. Material certificates for dimension lumber specified to comply with minimum allowable units stresses. Indicate species and grade selected for each use and design values approved by the American Lumber Standards Committee (ALSC) Board of Review.
- I. Wood treatment data as follows, including chemical treatment manufacturer’s instructions for handling, storing, installing, and finishing treated materials.
 - 1. For each type of preservative-treated wood product, include certification by treating plant stating type of preservative solutions and pressure process used, net amount of preservative retained, and compliance with applicable standards.
 - 2. For waterborne-treated products, include statement that moisture content of treated materials was reduced to levels indicated before shipment to truss fabricator.
 - 3. For fire-retardant-treated wood products, include certification by treating plant that treated materials comply with specified standard and other requirements as well as data relative to bending strength, stiffness, and fastener-holding capacities of treated materials.
- J. Research or evaluation reports of the model code organization acceptable to authorities having jurisdiction that evidence the following products’ compliance with building code in effect for Project.
 - 1. Fire-retardant-treated wood.
 - 2. Metal-plate connectors.
 - 3. Metal framing connectors.

1.05 QUALITY ASSURANCE

- A. Installation similar in material, design, and extent to that indicated for this Project and with a record of successful in-service performance.
- B. Fabricator’s Qualifications: Engage a firm that complies with the following requirements for quality control and is experienced in fabricating metal-plate-connected wood trusses similar to those indicated for this Project and with a record of successful in-service performance:

1. Fabricator participates in a recognized quality-assurance program that involves inspection by SPIB; Timber Products Inspection, Inc.; Truss Plate Institute (TPI); or other independent inspecting and testing agency acceptable to Architect and authorities having jurisdiction.
- C. Comply with applicable requirements and recommendations of the following publications:
1. ANSI/TPI 1, "National Design Standard for Metal-Plate-Connected Wood Truss Construction."
 2. TPI HIB "Commentary and Recommendations for Handling Installing & Bracing Metal Plate Connected Wood Trusses."
 3. TPI DSB "Recommended Design Specification for Temporary Bracing of Metal Plate Connected Wood Trusses."
- D. Metal-Plate Connector Manufacturer's Qualifications: A manufacturer that is a member of TPI and that complies with TPI quality-control procedures for manufacture of connector plates published in ANSI/TPI 1.
- E. Single-Source Responsibility for Connector Plates: Provide metal connector plates from one source and by a single manufacturer.
- F. Wood Structural Design Standard: Comply with applicable requirements of AFPA's "National Design Specification for Wood Construction" and its "Supplement."
- G. Single-Source Engineering Responsibility: Provide trusses engineered by metal-plate connector manufacturer to support superimposed dead and live loads indicated, with design approved and certified by a qualified professional engineer.
- H. Professional Engineer Qualifications: A professional engineer who is legally authorized to practice in the jurisdiction where Project is located and who is experienced in providing engineering services of the kind indicated that have resulted in installing metal-plate-connected wood trusses similar to those indicated for this Project and with a record of successful in-service performance.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Handle and store trusses with care and comply with manufacturer's written instructions and TPI recommendations to avoid damage and lateral bending.
- B. Inspect trusses showing discoloration, corrosion, or other evidence of deterioration. Discard and replace trusses that are damaged or defective.

1.07 SEQUENCING AND SCHEDULING

- A. Time delivery and erection of trusses to avoid extended on-site storage and to avoid delaying progress of other trades whose work must follow erection of trusses.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

- A. Manufacturers:
 1. Fire-Retardant-Treated Materials, Interior Type A:
 - a. Baxter: J. H. Baxter Co. – P.O. Box 5902; 1700 El Camino Real, San Mateo, CA 94402; (415) 359-0201
 - b. Chemical Specialties, Inc. – 1 Woodlawn Green, Suite 250, Charlotte, NC 28217; (800) 421-8661; (704) 522-0825
 - c. Continental Wood Preservers, Inc. - 7500 E. Davison Ave., Detroit, MI 48212; (800) 421-3176; (313) 365-4200

2. Fire-Retardant-Treated Materials, Exterior Type:
 - a. American Wood Treaters, Inc. – 200 Bob Mitchell Ave., P.O. Box 515; Sumas, WA 98295; (206) 988-7504
 - b. Hoover Treated Wood Products, Inc. – P.O. Box 746, Thompson, GA 30824; (800) 832-9663; (706) 595-5058
3. Metal Connector Plates:
 - a. Alpine Engineered Products, Inc. – 317 Providence Rd., Oxford, NC 27565; (800) 672-2326
 - b. Computruss, Inc. – 1307 W. Sixth St., No. 114, Corona, CA 91720; (714) 734-1302
 - c. Mitek Industries, Inc. – 4203 Shoreline Dr., Earth City, MO 63045; (800) 523-3380; (314) 298-8088

2.02 DIMENSION LUMBER

- A. Lumber Standards: Comply with DOC PS 20, “American Softwood Lumber Standard,” and with applicable grading rules of inspection agencies certified by ALSC’s Board of Review.
- B. Inspection Agencies: Inspection agencies, and the abbreviations used to reference them, include the following:
 1. NELMA – Northeastern Lumber Manufacturers Association.
 2. NLGA – National Lumber Grades Authority (Canadian).
 3. SPIB – Southern Pine Inspection Bureau.
 4. WCLIB – West Coast Lumber Inspection Bureau.
 5. WWPA – Western Wood Products Association.
- C. Grade Stamps: Provide lumber with each piece factory marked with grade stamp of inspection agency evidencing compliance with grading rule requirements and identifying grading agency, grade, species, moisture content at time of surfacing, and mill.
- D. Provide dressed lumber, S4S, manufactured to actual sizes required by DOC PS 20 for moisture content specified, to comply with requirements indicated below:
 1. Provide dry lumber with 19 percent maximum moisture content at time of dressing.
- E. Grade and Species: Provide dimension lumber of any species for truss chord and web members, grades visually or mechanically, and capable of supporting required loads without exceeding allowable design values according to AFPA’s “National Design Specification for Wood Construction” and its “Supplement.”

2.03 WOOD-PRESERVATIVE-TREATED MATERIALS

- A. General: Where lumber is indicated as preservative treated or is specified to be treated, comply with applicable requirements of AWWA C2 (lumber). Mark each treated item with the Quality Mark Requirements of an inspection agency approved by ALSC’s Board of Review.
- B. Pressure treat aboveground items with waterborne preservatives to a minimum retention of 0.25 lb/cu. Ft. After treatment, kiln-dry lumber to a maximum moisture content of 19 percent.
- C. Complete fabrication of treated items before treatment, where possible. If cut after treatment, apply field treatment complying with AWWA M4 to cut surfaces. Inspect each piece of lumber after drying and discard damaged or defective pieces.

2.04 FIRE-RETARDANT-TREATED MATERIALS

- A. General: Where fire-retardant-treated wood is indicated, comply with applicable requirements of AWPA C20 (lumber). Identify fire-retardant-treated wood with appropriate classification marking of UL, U.S. Testing, Timber Products Inspection, or another testing and inspection agency acceptable to authorities having jurisdiction.
 - 1. Research of Evaluation Reports: Provide fire-retardant-treated wood acceptable to authorities having jurisdiction and for which a current model code research or evaluation report exists that evidences compliance of fire-retardant-treated wood for application indicated.
- B. Interior Type A: For interior locations, use chemical formulation that produces treated lumber with the following properties under conditions present after installation.
 - 1. Bending strength, stiffness, and fastener-holding capacities are not reduced below values published by manufacturer of chemical formulation under elevated temperature and humidity conditions simulating installed conditions when tested by a qualified independent testing agency.
 - 2. No form of degradation occurs due to acid hydrolysis or other causes related to treatment.
 - 3. Contact with treated wood does not promote corrosion of metal fasteners.
- C. Exterior Type: Use for exterior locations and where indicated.
- D. Inspect each piece of treated lumber after drying and discard damaged or defective pieces.

2.05 METAL CONNECTOR PLATES

- A. General: Fabricate connector plates from metal complying with requirements indicated below.
- B. Hot-Dip Galvanized Steel Sheet: Structural-quality steel sheet, zinc coated by hot-dip process complying with ASTM A 653, G60 coating designation; Grade 33 and not less than 0.0359 inch thick.
- C. Electrolytic Zinc-Coated Steel Sheet: Structural-(physical) quality steel sheet, zinc coated by electrodeposition; 33,000-psi minimum yield strength, coating class C, and not less than 0.0474 inch thick.
- D. Aluminum-Zinc Alloy-Coated Steel Sheet: Structural-(physical) quality steel sheet, aluminum-zinc alloy-coated by hot-dip process complying with ASTM A 792, AZ50 (coating designation; Grade 33 and not less than 0.0359 inch thick.
- E. Stainless-Steel Sheet: ASTM A 666, Type 304 or 316, chromium nickel steel sheet; 33,000-psi minimum yield strength and not less than 0.035 inch (0.89 mm) thick.

2.06 FASTENERS

- A. General: Provide fasteners of size and type indicated that comply with requirements specified below for material and manufacture.
 - 1. Where truss members are exposed to weather or to high relative humidities, provide fasteners with a hot-dip zinc coating per ASTM A 153 or of stainless steel, Type 304 or 316.
- B. Nails, Wire, Brads, and Staples: FS FF-N-105.
- C. Power-Driven Fasteners: CABO NER-272.

- D. Wood screws: ASME B18.6.1.
- E. Lag Bolts and Screws: ASME B18.2.1.
- F. Bolts: Steel bolts complying with ASTM A 307, Grade A (ASTM F 568, Property Class 4.6); with ASTM A 563 hex nuts and, where indicated, flat washers.

2.07 METAL FRAMING ANCHORS

- A. General: Provide metal framing anchors of structural capacity, type, size, metal, and finish indicated that comply with requirements specified, including the following:
 - 1. Research of Evaluation Reports: Provide products for which model code research or evaluation reports exist that are acceptable to authorities having jurisdiction and that evidence compliance of metal framing anchors for application indicated with building code in effect for this Project.
 - 2. Allowable Design Loads: Provide products with allowable design loads, as published by manufacturer that meet or exceed those indicated. Manufacturer's published values shall be determined from empirical data or by rational engineering analysis, and demonstrated by comprehensive testing performed by a qualified independent testing agency.
- B. Galvanized Steel Sheet: Hot-dip, zinc-coated steel sheet complying with ASTM A 653, G60 coating designation; structural, commercial, or lock-forming quality, as standard with manufacturer for type of anchor indicated.
- C. Stainless-Steel Sheet: ASTM A 666, Type 304 or 316, chromium nickel steel sheet; 33,000-psi minimum yield strength.

2.08 MISCELLANEOUS MATERIALS

- A. Galvanizing Repair Paint: SSPC-Paint 20 or DOD-P-21035, with dry film containing a minimum of 94 percent zinc dust by weight.
- B. Protective Coatings: Provide one of the following coating systems:
 - 1. SSPC-Paint 22, epoxy-polyamide primer.
 - 2. SSPC-Paint 16, coat-tar epoxy-polyamide black or dark red paint.
 - 3. SSPC-Paint 27 and SSPC-Paint 12, basic zinc chromate-vinyl butyral wash primer and cold-applied asphalt mastic.

2.09 FABRICATION

- A. Cut truss members to accurate lengths, angles, and sizes to produce close-fitting joints.
- B. Fabricate metal connector plates to size, configuration, thickness, and anchorage details required to withstand design loadings for types of joint designs indicated.
- C. Assemble truss members in design configuration indicated using jigs or other means to ensure uniformity and accuracy of assembly with joints closely fitted to comply with tolerances of ANSI/TPI 1. Position members to produce design camber indicated.
 - 1. Fabricate wood trusses within manufacturing tolerances of ANSI/TPI 1.
- D. Connect truss members by metal connector plates located and securely embedded simultaneously into both sides of wood members by air or hydraulic press.

PART 3 EXECUTION

3.01 INSTALLATION

- A. Do not install wood trusses until supporting construction is in place and is braced and secured.
- B. Before installing, splice trusses delivered to Project site in more than one piece.
- C. Hoist trusses in place by lifting equipment suited to sizes and types of trusses required, exercising care not to damage truss members or joints by out-of-plane bending or other causes.
- D. Install and brace trusses according to recommendations of TPI and as indicated.
- E. Install trusses plumb, square, and true to line and securely fasten to supporting construction.
- F. Space, adjust, and align trusses in location before permanently fastening and as indicated on drawings.
- G. Anchor trusses securely at all bearing points using metal framing anchors. Install fasteners through each fastener hole in metal framing anchor according to manufacturer's fastening schedules and written instructions.
- H. Securely connect each truss ply required for forming built-up girder trusses.
 - 1. Anchor trusses to girder trusses as indicated.
- I. Install and fasten permanent bracing during truss erection and before construction loads are applied. Anchor ends of permanent bracing where terminating at walls or beams.
 - 1. Install and fasten strong back bracing vertically against vertical web of parallel-chord floor trusses at centers indicated.
- J. Install wood trusses within installation tolerances of ANSI/TPI 1.
- K. Do not cut or remove truss members.
- L. Return wood trusses that are damaged or do not meet requirements to fabricator and replace with trusses that do meet requirements.
 - 1. Do not alter trusses in the field.

3.02 REPAIRS AND PROTECTION

- A. Repair damaged galvanized coatings on exposed surfaces with galvanized repair paint according to ASTM A 780 and manufacturer's written instructions.
- B. Protective Coating: Clean and prepare exposed surfaces of embedded-metal connector plates. Brush apply primer, when part of coating system, and one coat of protective coating.
 - 1. Apply materials to provide minimum dry film thickness recommended by manufacturer of coating system.

END OF SECTION 06 17 53

Sugar Hill Gary Pirkle Park Restroom Building Project - A22-053
Mandatory Pre-Bid Conference - January 11, 2023 @ 2 PM
SIGN IN SHEET

Representative Name	Company Name	Phone Number	E-mail address
OWNER REPRESENTATIVES			
1. Troy Besseche	City of Sugar Hill	not published	not published
2. Curtis Northrup	City of Sugar Hill	not published	not published
3. Leanne Exum	PPI	not published	not published
4. Matt Parcut			MP
5. Syd Mostajabi	P.E. Structures	(770) 552-4138	Sydmostajabi@restructuresandassociates.com
6. Howard Tynish			

PRE-BID FIRM ATTENDEES

1. Nicholas Albright	Bayne Development Group	706-765-4068	Nwhitley@Baynedevg.com
2. Frank Turner	Blastoff Construction	464-307-1199	Frank@FrankTurner.com
3. Omar Baracco	Buildline, Inc.	(678) 916-3837	estimating@buildline.net
4. David Gouvis	Diversified Construction	770-241-9485	Bids@dcofgeorgia.com
5. Jeff Lane	Everlast Construction Group	770-722-0752	ORR@everlastllc.com
6. Syd Mostajabi	P.E. Structures & Assoc	(770) 552-4138	Sydmostajabi@restructuresandassociates.com
7.	Stonepoint		
8. Carl	Tri Scapes		

Sugar Hill Gary Pirkle Park Restroom Building Project - A22-053

Mandatory Pre-Bid Conference - January 11, 2023 @ 2 PM

SIGN IN SHEET

	Representative Name	Company Name	Phone Number	E-mail address
9.	Mike Mozarski	Moguen Contractions	470-505-8008	mmozarski@moguencontractions.net
10.	Azel Sharp	Tri Scapes	770 990 4632	carl@triscapes.com
11.	Tommy Taylor	AMD Construction	678-469-6106	taylor@amdconstruction.com
12.	Brian Woods	GREATER CIA	770-205-0087	Brian.Woods10214@YAHOO.COM
13.	Troy Bessche	City of Sugar Hill	770-945-6716	tbessche@cityofsugarhill.com
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				

PLAN HOLDEER LIST

**IFB #23-004: Gary Pirkle Park Restroom Building Project
Sugar Hill, GA**

PPI Project No. A22-053

DUE DATE/TIME: Wed., January 25, 2023 @ 2 PM

**Mandatory Pre-Bid Meeting: January 11 @ 2 PM at Project Site at
6195 Austin Garner Road, Sugar Hill, GA 30518**

Questions Deadline: January 18 @ 2 PM to kbarker@ppi.us

January 12, 2023

CONTRACTORS

Blastoff Construction, Inc.

4536B Nelson Brogdon Blvd.
Sugar Hill, GA 30518
770-932-0091 phone
frank@franklturner.com

Tri Scapes, Inc.

1595 Peachtree Parkway, Suite 204-396
Cumming, GA 30041
770-752-4698
Carl@triscapes.com
ashley@triscapes.com

P.E. Structures & Associates, LLC

255 Norcross Street, Roswell, GA 30075
770-552-4138
Monicahelmly@pestructuresandassociates.com

Everlast Construction Group

1355 Union Hill Industrial Court
Alpharetta, GA 30004
770-722-0752 phone | 678-691-3362 fax
office@everlastllc.com

Bayne Development Group, LLC

1551 Jennings Mill Road
Building 1600-A, Watkinsville, GA 30677
706.765.4068 cell | 706.850.5909 office
706.850.5948 fax | nwhitley@baynedg.com
Estimating Department: est@baynedg.com

Buildline, Inc.

2300 Lakeview Pkwy., Ste. 700
Alpharetta, GA 30009-9066
(o) 678.916.3837 | (f) 404.393.3058
saglam@buildline.net | (c) 404.718.9994

Diversified Construction of Ga

2104 Vistadale Court
Tucker, GA 30084
jeffk@dcofgeorgia.com

AMO Construction LLC

PO Box 460, Grayson GA 30017
678-985-7900 office
770-616-5384 cell
poakes@amoconstructionllc.com