

CHATHAM COUNTY PURCHASING DEPARTMENT

ADDENDUM NO. 1 TO 11-7-4-4

**FOR: Construction of the New Public Works and Park Services Facility**

---

---

**PLEASE SEE THE FOLLOWING FOR ADDITIONS, CLARIFICATIONS AND/OR CHANGES:**

**The *Schedule of Values* shall be submitted with bid documents at the time of bid as stated in the specifications. Not submitting a completed *Schedule of Values* with your bid will be considered non-responsive.**

**Only the Building Permit fees will be waived by Chatham County. All other permitting, including water and sewer connection and tap fees, will be the responsibility of the Contractor.**

**SEE ATTACHED SHEETS (3) for RESPONSES TO QUESTIONS, ADDITIONS, CLARIFICATIONS, AND/OR CHANGES.**

**SEE ATTACHED SPECIFICATION SECTION 32 31 13 - CHAIN LINK FENCES AND GATES ( 6 Sheets)**

**SEE ATTACHED STANDARD CONSTRUCTION DETAILS - TREE PROTECTION (1 Sheet)**

**NOTE: 3 PLAN SHEETS HAVE BEEN REVISED VIA THIS ADDENDUM. ( Sheets C1.3, C2.1 & C2.2) THESE SHEETS MUST BE OBTAINED FROM CLAYTON DIGITAL REPROGRAPHICS (CDR). CONTACT CDR AT 912-352-3880 OR E-MAIL : [cdrsouth@cdrpro.com](mailto:cdrsouth@cdrpro.com)**

**ALSO, ALL FIRMS ON THE CHATHAM COUNTY PLAN HOLDERS LIST FOR THIS PROJECT CAN RECEIVE THE ENTIRE BID PACKAGE AND PLANS ELECTRONICALLY BY CONTACTING CLAYTON DIGITAL REPROGRAPHICS AT THE ABOVE MENTIONED PHONE NUMBER OR E-MAIL ADDRESS.**

---

---

**BID DATE HAS BEEN EXTENDED TO: 2PM, FRIDAY, MARCH 25, 2011.**

---

---

**THE BIDDER IS RESPONSIBLE FOR MAKING THE NECESSARY CHANGES AND MUST ACKNOWLEDGE RECEIPT OF ADDENDUM.**

3-9-11  
DATE

  
\_\_\_\_\_  
ROBERT E. MARSHALL  
SENIOR PROCUREMENT SPECIALIST  
CHATHAM COUNTY

ADDENDUM NO. 1 TO 11-7-4-4

**FOR: Construction of the New Public Works and Park Services Facility**

**RESPONSES TO QUESTIONS, ADDITIONS, CLARIFICATIONS, AND/OR CHANGES**

General

1. Questions about the construction drawings and specifications shall be submitted no later than 2pm, Friday, March 18, 2011.
2. For convenience, the bidders are provided with the following contacts for utilities:
  - a. Electric: Georgia Power, Alethia Zadach, m(912) 414-4569, o(912) 306-1770.
  - b. Water & Sewer: City of Savannah, Abe Ghazi (912) 651-6573.

Specifications

3. Spec Section 089500, 2.4, D, aluminum finish shall be AAMA 2605, with 20 year warranty.
4. Spec Section 102113, 2.1, A, add Atlanta Sunbelt Products to the list of acceptable products.
5. Spec Section 142400, add section 1.1, G "Provide proprietary tools, software, etc to Owner for their use to fully maintain and repair all elevator equipment."
6. Add Spec Section 323113, Chain Link Fences and Gates, see attached.

Drawings

1. Cover sheet: Revise "Statistics" per the following: replace 'Shops Floor Area' and Storage Floor area' with 'Building 1' and 'Building 2' both to have 6,800 sf area.
2. Notes sheet: see "General Notes" for issues relative to Chapter 17 of the IBC (special inspections). Bids shall not include the cost of any special inspections associated with Chapter 17 of the IBC.
3. Sheets A1.1 & A1.2: add note: "Contractor shall coordinate installation of concrete masonry at elevator shaft with installation of elevator- in particular, the door openings."
4. Sheet A6.1, Detail 1, add note: "Provide post or narrow pilaster at hinge side of toilet partition doors to accommodate 5'-0" clearance at handicapped toilets."
5. Sheet E0.1: relocate T2 transformer to the SW corner of Bldg #2. Transformer shall be at least 14' from the building and front of transformer shall have 10' clear with truck access.
6. Sheet E1.3: eliminate (2) 3-way light switches in hall, located at southeast corner of building. Switches are shown mounted to a low wall. The lights in the south hall and the east hall shall be wired/switched together and controlled by the switches shown at the southwest stairs and the northeast stairs.
7. Sheet P1.6, the sewer line from Maintenance Building #2 shall be rerouted to the opposite side (east side) of the building.

8. Sheet C1.3: see attached sheet (revision date 3/4/11) which revises the limits of tree protection on the south side of the proposed office building. Tree protection on sheets EC1.1, 1.2, 2.1, 2.2, 3.1 and 3.2 shall match C1.3 (revised).
9. Sheets C2.1 & C2.2: see attached sheets (revision date 3/4/11) which revises the layout of water and sewer lines.
10. Sheet C3.2: delete two fence details at bottom of sheet.
11. Sheet C3.2, add the following notes: The Owner's vendor shall provide and install an automatic gate at the entrance to the Equipment Storage area (see note D on sheet A1.0). Gate specifications as follows:
  - a. Swipe card activated control devices on exterior side of gate, motion sensor on interior, exact location to be determined by owner. Devices shall allow emergency personnel to operate the gate via 'quick to enter' device as required by local authorities. Coordinate with County (Mark Ginsberg) for swipe card system. Gate shall comply with industry standards and code requirements, including but not limited to: UL-325. Gate shall be operated by 1 hp motor. opening rate: 1 ft per second, with battery back-up. Gate shall have a sensing device for obstructions or entrapment which will shut down power, sounds an alarm, and permit manual operation from either side of the fence. Gate material shall match fence material. Concrete curb to support rolling function of gate. Potential manufacturer: DKS, potential installer: Savannah Fence 234-5188, contact Graham Shepherd.
  - b. Contractor shall coordinate the work and provide underground conduit and power.
12. Sheet EC4.2, add the attached detail 'T2' (tree protection), to this sheet.
13. Sheet L1.1
  - a. L1.1, Location of trees relative to curb to be determined (may anticipate future sidewalk).
  - b. At bottom left corner of sheet, shrubs should be labeled: (3) MIs & (3) MIs.
14. Sheet L1.2
  - a. Spacing of (10) LIHs shall be equally spaced. Review layout with landscape architect and architect before installation.
  - b. Delete triangle landscape area at NE corner of new office building. Delete (4) MIs and (1) VA. Replace with paving to match adjacent area.
15. Sheet L1.3
  - a. Delete plants on north side of Weight Lifting: (1) MI, (3) RI, (14) AA, (6) CF, (1) LC, (1) LN.
  - b. At tree island at north, center, of Weight Lifting, replace sod, (1) QV, (3) AIF and (6) MI with (16) TAs.
  - c. At tree island at northeast of Weight Lifting, replace sod, (15) JPN, (7) AA, (2) MI and (3) AIF with (19) TAs.
  - d. Delete (2) QVs that straddle utility drive at northeast corner of Weight Lifting.
  - e. Relocate (3) MCs to the west 15' to facilitate truck access between the Score Board and the Maint Bldg 1.
  - f. Delete (1) LIN adjacent to Score Board.
  - g. See L1.4 for landscaping on east side of Maint Bldg 1.
  - h. On the north side of the Weight Lifting, for a distance of 30' from the face of the building, replace sod with grass seed (seed to match sod type).
16. Sheet L1.4
  - a. Delete (1) IOS at northeast corner of Maint Bldg 2.
  - b. Add (7) MAs, (7) TJs and (7) HHs along fence on east side of Maint Bldg 2.

17. Sheet L1.5

- a. Erase note "Picnic tables... placed by County."
- b. Eliminate (5) shrubs in center of picnic area.
- c. Plants designated at "AI" shall be "AIF".
- d. At top right corner of sheet, replace (8) OFs, (9) AIs and (5) CFDs with (25) TAs.
- e. Add note: "Coordinate location of landscaping with sliding gate and controllers at vehicular entry into south parking area."
- f. At south side of Office Building, along curved sidewalk, replace (1) MI, (2) OF, (6) AIFs and (1) CJ, with pine needle mulch as noted in this area.
- g. Reposition (8) QVs along west side of Varnedoe to be equally spaced.

18. Sheet L1.7

- a. Add note: landscape installer shall coordinate a meeting with the owner and architect prior to installation of landscaping to determine exact location of plantings.
- b. Add note: scope of new irrigation system shall serve all new plantings and sod.
- c. Bid Alternate 3 to be divided into two numbers: 3A (landscaping on east side of Varnedoe) and 3B (landscaping on west side of Varnedoe).

END OF ADDENDUM 1

INDEX TO

SECTION 32 31 13 – CHAIN LINK FENCES AND GATES

Paragraph	Title	Page
PART 1 – GENERAL		
1.1	Section Includes	32 31 13-1
1.2	Omitted	32 31 13-1
1.3	Measurement and Payment	32 31 13-1
1.4	References	32 31 13-1
1.5	System Description	32 31 13-2
1.6	Submittals for Review	32 31 13-2
1.7	Submittals for Information	32 31 13-2
1.8	Submittals for Close-Out	32 31 13-2
1.9	Quality Assurance	32 31 13-2
1.10	Qualifications	32 31 13-2
PART 2 – PRODUCTS		
2.1	Omitted	32 31 13-3
2.2	Materials	32 31 13-3
2.3	Components	32 31 13-3
2.4	Accessories	32 31 13-3
2.5	Finishes	32 31 13-3
PART 3 – EXECUTION		
3.1	Installation	32 31 13-4
3.2	Erection Tolerances	32 31 13-4
3.3	Schedules	32 31 13-4

SECTION 32 31 13

CHAIN LINK FENCES AND GATES

PART 1 – GENERAL

1.1 SECTION INCLUDES

- A. Fence framework, fabric, and accessories.
- B. Excavation for post bases and concrete foundation for posts.

1.2 OMITTED

1.3 MEASUREMENT AND PAYMENT

- A. Fencing: By the linear foot, to the fence height specified, based on the specified post spacing. Includes posts, post footings, rails, tension wire, fabric, gates, accessories, and attachments.

1.4 REFERENCES (Latest Revision)

- A. ASTM A 90/A 90M – Weight (Mass) of Coating on Iron and Steel Articles with Zinc or Zinc–Alloy Coatings.
- B. ASTM A 116 – Metallic–Coated, Steel Woven Wire Fence Fabric.
- C. ASTM A 121 – Metallic–Coated Carbon Steel Barbed Wire.
- D. ASTM A 123/A 123M – Zinc (Hot–Dip Galvanized) Coatings on Iron and Steel Products.
- E. ASTM A 153/A 153M – Zinc Coating (Hot–Dip) on Iron and Steel Hardware.
- F. ASTM A 392 – Zinc–Coated Steel Chain–Link Fence Fabric.
- G. ASTM A 1011 – Steel, Sheet and Strip, Hot–Rolled, Carbon, Structural, High Strength Low–Alloy, High–Strength Low–Alloy with Improved Formability, and Ultra–High Strength.
- H. ASTM A 653/A 653M – Steel Sheet, Zinc Coated (Galvanized) or Zinc–Iron Alloy–Coated (Galvannealed) by the Hot–Dip Process.
- I. ASTM A 491 – Aluminum–Coated Steel Chain–Link Fence Fabric.
- J. ASTM F 668 – Polyvinyl Chloride (PVC) and Other Organic Polymer–Coated Steel Chain–Link Fence Fabric.
- K. ASTM A 428/A 428M – Weight (Mass) of Coating on Aluminum–Coated Iron or Steel Articles.

- L. ASTM C 94/C 94M – Ready-Mixed Concrete.
- M. ASTM F 567 – Installation of Chain-Link Fence.
- N. ASTM F 1043 – Strength and Protective Coatings on Steel Industrial Chain Link Fence Framework.
- O. ASTM F 1083 – Pipe, Steel, Hot-Dipped Zinc-Coated (Galvanized) Welded, for Fence Structures.
- P. Chain Link Fence Manufacturers Institute (CLFMI) – Product Manual.

1.5 SYSTEM DESCRIPTION

- A. Fence Height: as indicated on Drawings.
- B. Line Post Spacing: At intervals not exceeding 10 feet.
- C. Fence Post and Rail Strength: Conform to ASTM F1043 Light Industrial Fence quality.
- D. Fence shall be equipped with a single coil of 24" Barbed Razor Wire at the top of the fence.

1.6 SUBMITTALS FOR REVIEW

- A. Product Data: Provide data on fabric, posts, accessories, fittings and hardware.
- B. Shop Drawings: Indicate plan layout, spacing of components, post foundation dimensions, hardware anchorage, and schedule of components.

1.7 SUBMITTALS FOR INFORMATION

- A. Manufacturer's Installation Instructions: Indicate installation requirements.

1.8 SUBMITTALS FOR CLOSEOUT

- A. Operation and Maintenance Data and Product Warranties.
- B. Project Record Documents: Accurately record actual locations of property perimeter posts relative to property lines and easements.

1.9 QUALITY ASSURANCE

- A. Perform Work in accordance with ASTM F567 and manufacturer's instructions.

1.10 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing the products specified in this section with minimum three years documented experience.

## PART 2 – PRODUCTS

### 2.1 OMITTED

### 2.2 MATERIALS

- A. Framing (Steel): ASTM A1011; hot rolled steel strip, cold formed to pipe configuration, longitudinally welded construction, minimum yield strength of 50 ksi; coating conforming to ASTM F1043 Type B on pipe exterior and interior.
- B. Fabric Wire (Steel): ASTM F668 PVC coated.
- C. Barbed Tape: Stainless steel, 0.025 inch thick x 1 inch wide, coil diameter of 24 inch, die stamped to produce 4 barbed points at 4 inch oc; cold clench over galvanized steel core.
- D. Concrete: Type specified in Section 03 00 00.

### 2.3 COMPONENTS

- A. Line Posts: 2.38 inch diameter.
- B. Corner and Terminal Posts: 2.38.
- C. Top and Brace Rail: 1.66 inch diameter, plain end, sleeve coupled.
- D. Fabric: 2 inch diamond mesh interwoven wire, 6 gage thick, top selvage twisted tight bottom selvage twisted tight.
- E. Tension Wire: 6 gage thick steel, single strand.
- F. Tie Wire: Aluminum alloy steel wire.

### 2.4 ACCESSORIES

- A. Caps: Cast steel galvanized; sized to post diameter, set screw retainer.
- B. Fittings: Sleeves, bands, clips, rail ends, tension bars, fasteners and fittings; steel.

### 2.5 FINISHES

- A. Components and Fabric: Vinyl coating, black color over coating of 1.8 oz/sq ft galvanizing.
- B. Vinyl Components: Black color.
- C. Hardware: Galvanized to ASTM A153, 1.8 oz/sq ft coating.



## PART 3 – EXECUTION

### 3.1 INSTALLATION

- A. Install framework, fabric, barbed tape and accessories in accordance with manufacturer's instructions.
- B. Place fabric on outside of posts and rails.
- C. Set intermediate and terminal posts plumb, in concrete footings with top of footing 6 inches below finish grade. Slope top of concrete for water runoff.
- D. Line Post Footing Depth Below Finish Grade: ASTM F567.
- E. Corner and Terminal Post Footing Depth Below Finish Grade: ASTM F567.
- F. Brace each corner post to adjacent line post with horizontal center brace rail and diagonal truss rods. Install brace rail one bay from end and gate posts.
- G. Provide top rail through line post tops and splice with 6 inch long rail sleeves.
- H. Install bottom brace rail along line post bottoms.
- I. Do not stretch fabric until concrete foundation has cured 28 days.
- J. Stretch fabric between terminal posts or at intervals of 100 feet maximum, whichever is less.
- K. Position bottom of fabric 4 inches above finished grade.
- L. Fasten fabric to top rail, line posts, braces, and bottom tension wire with tie wire at maximum 15 inches on centers.
- M. Attach fabric to end, corner, and gate posts with tension bars and tension bar clips.
- N. Install bottom tension wire stretched taut between terminal posts.
- O. Do not attach the hinged side of gate from building wall; provide gate posts.

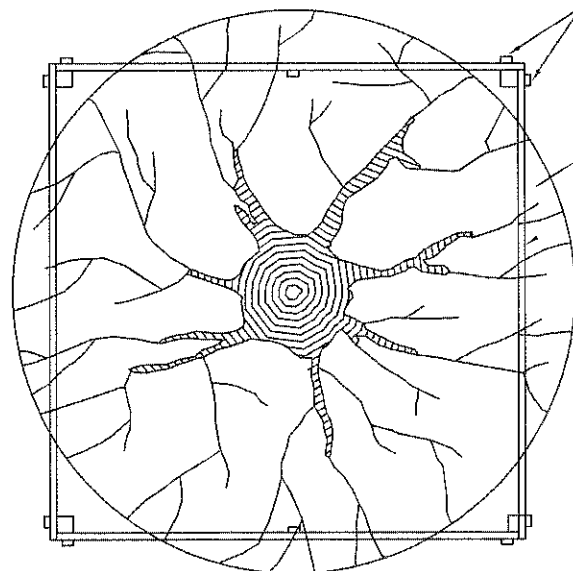
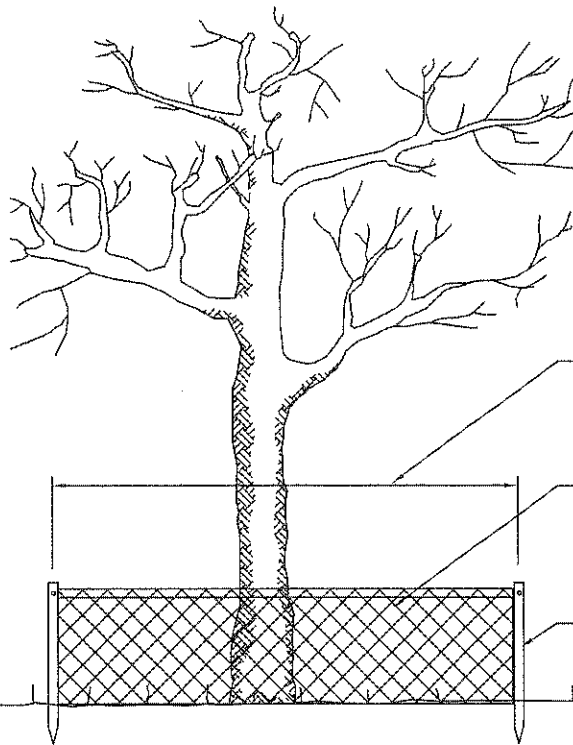
### 3.2 ERECTION TOLERANCES

- A. Maximum Variation from Plumb: ¼ inch.
- B. Maximum Offset from True Position: 1 inch.
- C. Components shall not infringe on adjacent property lines.

### 3.3 SCHEDULES

- A. Property Perimeter: 8 feet high, with PVC coated fabric, posts, rails accessories, etc.

END OF SECTION



FOR ADDED PROTECTION

- PROVIDE 4" DEEP WOOD CHIP MULCH OVER ANY UNPROTECTED ROOT ZONE.
- MAKE CLEAN CUTS ON ROOTS EXPOSED BY GRADING AND BACKFILL IMMEDIATELY.
- PROVIDE TEMPORARY IRRIGATION WHERE PRACTICAL AND FEASIBLE.

**CITY OF SAVANNAH**



**STANDARD CONSTRUCTION DETAILS**

**TREE PROTECTION**

PLATE NUMBER:

T2

APPROVED:

SIGNATURE ON FILE  
CITY ENGINEER

SCALE: N.T.S.

DATED: JULY 2007