

## Technical Specification

Project: Deerwood Transmission Line Fence Installation

Location: 7599 Southside Blvd., Jacksonville, FL 32256.

### 1. General Requirements:

- a. Provide a complete, turnkey installation of approximately 3,700 linear feet of black vinyl chain link perimeter fencing as identified in the attached site drawing.
- b. Contractor shall perform a mandatory on-site walkthrough prior to bidding and commencing work.
- c. Contractor to submit itemized quotations for both 6-foot and 8-foot fence height options.
- d. All work shall comply with attached JEA Security Group Fence Typicals ST-6L and ST-6M, unless otherwise specified herein.
- e. Barbed wire has been omitted from this project.
- f. Contractor is responsible for managing vegetation, foliage, and tree/root systems along the fence line. All trimmings, cuts, and debris must be removed from the project site.
- g. Tree mitigation is not required or included in this scope of work.
- h. Contractor shall remove all existing fencing, gates, and hardware located in the fence path.
- i. Fencing fabric shall be installed within 2" of finished grade. In the event this requirement cannot be met, contractor is responsible for installing #57 aggregate to meet this specification.
- j. Contractor shall perform underground utility locates and is responsible for avoiding disruption of existing utilities.
- k. Contractor is required to self-perform fencing installation with direct employees and no more than 10% may be sub-contracted to other parties for this effort.

### 2. Fence System:

#### 2.1 Chain Link Fabric

- a. Black vinyl coated chain link.
- b. 9-gauge core / 8-gauge finish fused bonded.
- c. Top: 2B twist, knuckled at bottom.
- d. Barbed wire: omitted.
- e. Bottom tension wire: 6-gauge black.

#### 2.2 Posts and Rails

- a. Line Posts: 2 1/2" Schedule 40, PVC-coated (heavy mill, not powder coated). Set in 12" x 30" footing, 3000 PSI concrete, with 6" float. Dome top cap to shed water.
- b. Terminal Posts: 3" Schedule 40, PVC-coated (heavy mill, not powder coated). Set in 12" x 48" footing, 3000 PSI concrete, with 6" float. Dome top cap to shed water.
- c. Brace Posts: 2 7/8" Schedule 40, every 500', Set in 12" x 48" footing, 3000 PSI concrete, with 6" float. Dome top cap to shed water.
- d. Top Rail: 1 5/8" Schedule 40, PVC-coated.

### **2.3 Bracing and Ties**

- a. All ends, braces, and corners shall be braced and trussed with 1 5/8" Schedule 40 black rail.
- b. Top rail ties: 9-gauge steel black, spaced 18" apart.
- c. Line post ties: 9-gauge steel black, spaced 12" apart.
- d. Hog rings for tension wire: 9-gauge steel black, spaced 18" apart.
- e. Fittings: Pressed steel, heavy mill PVC coated (not powder coated).

### **3. Gates:**

- a. Install one (1) 16-foot wide double-hinged swing gate, matching fencing height and materials, located at the identified location on the site drawing.
- b. Gates shall meet JEA Security Typical ST-6M standards and match fencing heights and materials.
- c. Installation must meet grade requirements, with bottom clearance not exceeding 6" from finished grade.
- d. Gate to be secured with chain and lock provided by JEA.

### **4. Site Preparation and Grading:**

- a. Remove all vegetation, tree branches, roots, and organic matter within fence alignment.
- b. Dispose of all cleared material and existing fence components off-site.
- c. Grade and/or install #57 aggregate as required to maintain consistent clearance under the fence (maximum 2 inches).

### **5. Project Conditions:**

- a. Approximate Well Dimension: Well 2: 65' x 140' x 65'
- b. Fencing alignment and gate placement shall follow the attached site drawing to the greatest extent possible, at approximately 10' south of the existing transmission poles, and without tree removal.
- c. Work hours: Monday–Friday, 7:00 a.m.–5:00 p.m.
- d. No deviations from this specification shall be permitted without written authorization from the Project Manager.



7599 Southside Blvd

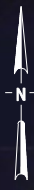
GATE - A

WELL #1

WELL #2

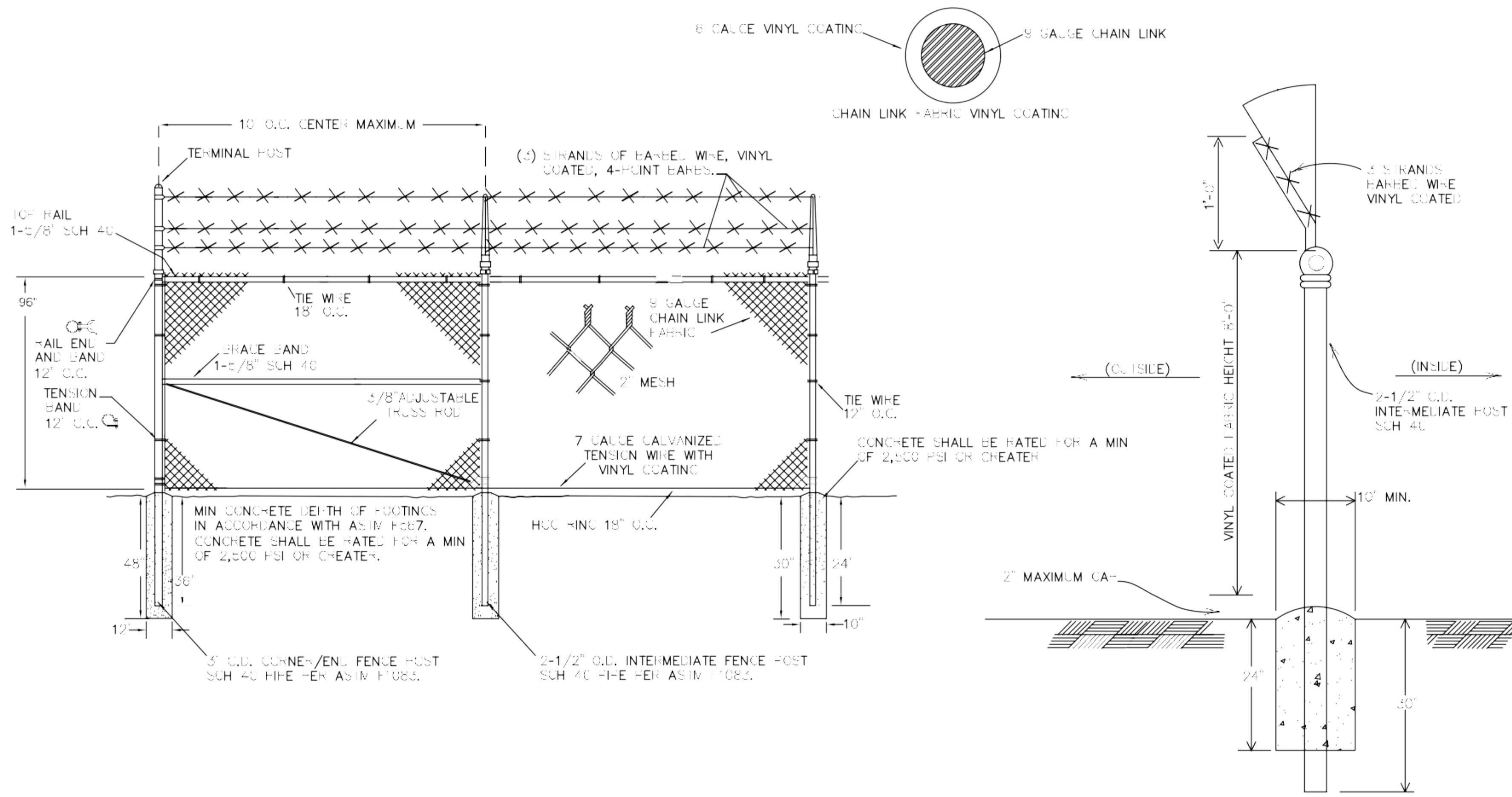
EXISTING FENCE

DEERWOOD T-LINE FENCING PROJECT





SECURITY TYPICAL STANDARD  
POLYMER COATED FENCE

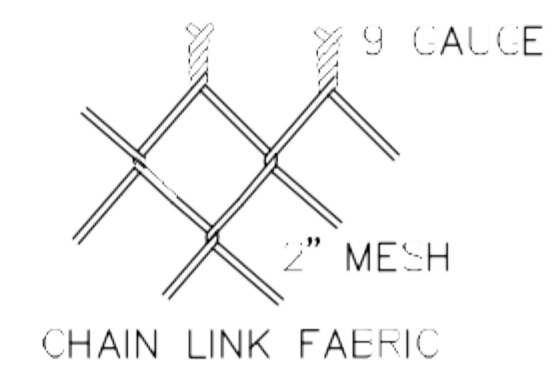
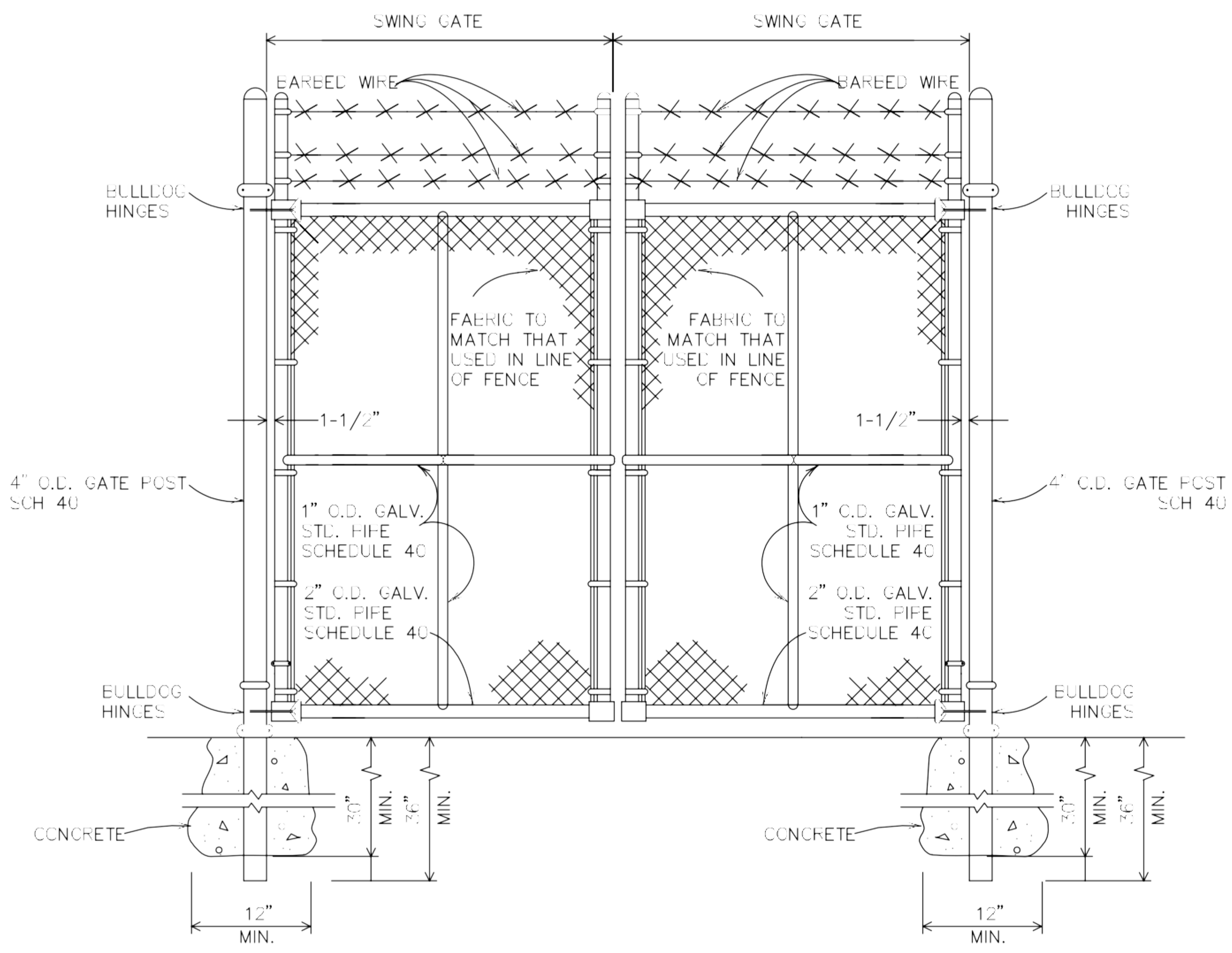
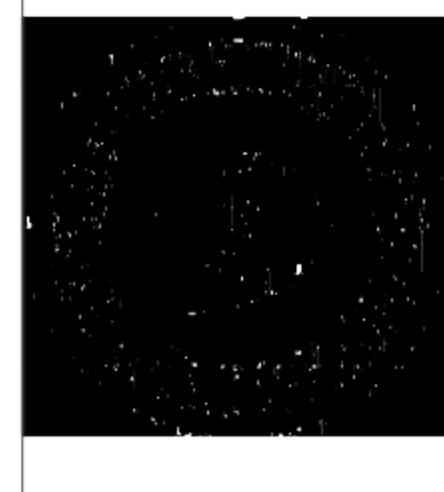


GENERAL REQUIREMENTS:

1. FABRIC TO BE SECURED TO THE LINE POST WITH GALVANIZED STEEL WIRE TIES SPACED NO GREATER THAN 12 INCHES ON CENTER AND TO RAIL SPACED NO GREATER THAN 18 INCHES ON CENTER.
2. SECURE FABRIC TO THE TENSION WIRE WITH HOC RINGS SPACED NO GREATER THAN 18 INCHES APART.
3. PRE-FORMED 9 GAUGE GALVANIZED STEEL POWER-FASTENED TIE WIRE SHALL BE WRAPPED 360 DEGREES AROUND THE POST OR RAIL AND FABRIC PICKET, TWIST THE TWO WIRE ENDS TOGETHER THREE FULL TURNS. EXCESS WIRE SHALL BE CUT OFF AND BENT OVER TO PREVENT INJURY.
4. THE INSTALLED FABRIC SHALL HAVE A GROUND CLEARANCE ON NO MORE THAN 2 INCHES.
5. POSTS, BARBWIRE AND ALL FITTINGS SHALL BE VINYL COATED TO MATCH THE SAME AS ON THE FENCING FABRIC.
6. IF PRIVACY SLATS ARE TO BE INSTALLED, VERIFY FENCE POSTS SIZE BASED OF WIND LOADING GUILD WLG2445.
7. UNLESS OTHERWISE NOTED, ALL MATERIALS AND INSTALLATION SHALL CONFORM TO THE CHAIN LINK MANUFACTURE INSTITUTE PRODUCT MANUAL (CLFMI-PM-2445)

DRAWN BY:	JEA PHY SECURITY
DATE:	8/2024
REV:	N/A
SCALE :	NOT TO SCALE

DESCRIPTION:  
  
ST-6L



SECURITY SENSITIVE - EXEMPT FROM ALL PUBLIC RECORDS PER FLORIDA STATUTE SECTION 119.07

SECURITY TYPICAL  
MANUAL GATE

DRAWN BY:	JEA PHY SECURITY
DATE:	10/2025
REV:	TBD
SCALE:	NOT TO SCALE
DESCRIPTION:	SECURITY DWG ST-8V
SHEET:	1 OF 1