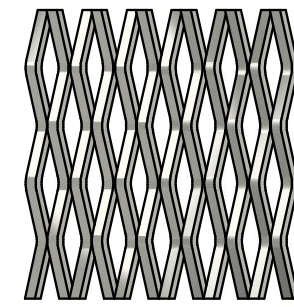
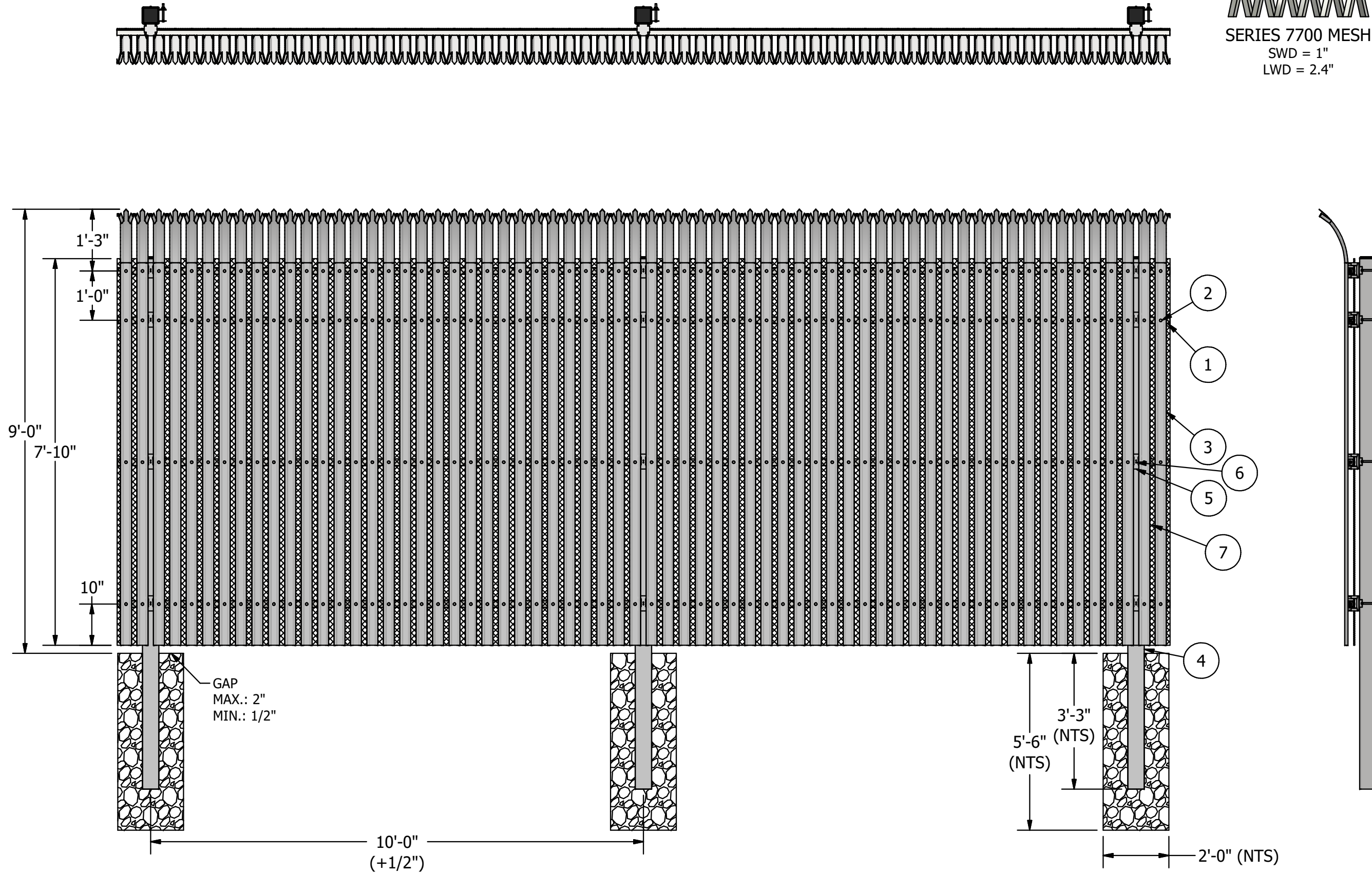


1. INFINIRAIL
2. 5/16" RIBBED-NECK CARRIAGE BOLT OR TRILOBULAR SCREW
3. SERIES 4700 PALISADE PALE
4. 4"X4"X3/16" SQUARE TUBING POST (14'-6" LONG)
5. CHAMELEON2 BRACKET
6. SELF-TAPPING TEK SCREW
7. SERIES 7700 MESH (116.5"W X 96"H)



SERIES 7700 MESH  
 SWD = 1"  
 LWD = 2.4"



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REV	DATE	DESCRIPTION	C/J/C/M/E	BY
0	8/7/2023	FOR APPROVAL		

<b>CHAMELEON2 SERIES 4740+7700 DUAL GUARD ELEVATION</b>		MATERIAL SPECIFICATIONS	
PROJECT	FINISH	DRAFTER	REVIEWER
CUSTOMER		C. COUVILLON	M. ERBELDINGER
SO#		DATE	8/7/2023
QUOTE#			

SHEET NO.  
**A3**

# AMICO Security Specification: AMIGUARD® 4780 Palisade fence (Bent Tri-Point Pales with Anti-Scale Spacing with Expanded Metal)



## AMIGUARD® 4780 Palisade fence

(Bent Tri-Point Pales with Anti-Scale Spacing with Expanded Metal)

Project Submittals as manufactured by AMICO Security

Submittal Date: \_\_\_\_\_

Contract Number: \_\_\_\_\_

Project Name: \_\_\_\_\_

Section Number: \_\_\_\_\_

Contractor's Name: \_\_\_\_\_

AMICO Security

3245 Fayette Avenue

Birmingham, AL 35208

[info@amicosecurity.com](mailto:info@amicosecurity.com)

[www.amicosecurity.com](http://www.amicosecurity.com)

Toll Free: 855-552-6426

All information contained herein is accurate as known at the time of publication. Specifications may change and AMICO Security reserves the right to change product specifications without notice and without incurring obligations.



# AMICO Security Specification: AMIGUARD® 4780 Palisade fence (Bent Tri-Point Pales with Anti-Scale Spacing with Expanded Metal)

## PART 1 GENERAL

### 1.1 SCOPE OF WORK

Supply and install steel corrugated pale perimeter security barrier fence system using the manufacturers' recommended method of installation.

### 1.2 SYSTEM DESCRIPTION

As manufactured by AMICO Security, AMIGUARD® 4780 Palisade fence pales shall be made from corrugated pales, attached to a rail and post system supplied by AMICO security. Conventional rails and posts not manufactured specifically for security purposes is NOT acceptable for this use.

### 1.3 REFERENCES

All components and parts in this specification shall meet or exceed current standards and specifications as designated by the American Society for Testing and Materials (ASTM): ASTM A123 Standard Specification for Zinc Coatings on Iron and Steel Products, ASTM A653/A653M Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy Coated (Galvannealed) by the Hot-Dip Process, ASTM A1011 Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, structural High Strength Low-Alloy with Improved Formability. ASTM F1083 Specification for Pipe, Steel, Hot-Dipped Zinc Coated (Galvanized) Welded For Fence Structures.

### 1.4 SUBMITTAL

The manufacturers' submittal information shall include brochures, details and specifications and samples.

### 1.5 STORAGE AND HANDLING

Materials shall be stored in a clean dry location with proper ventilation to avoid damage from moisture. Materials shall be protected against damage from weather, vandalism, and theft. In the event of freight damage, note freight bill and contact manufacturer immediately.

## PART 2 MATERIALS

### 2.1 MANUFACTURER

Amico Security, 3245 Fayette Avenue, Birmingham, AL 35208, Email: [info@amicosecurity.com](mailto:info@amicosecurity.com), Web: [www.amicosecurity.com](http://www.amicosecurity.com), Telephone: Toll Free: 855-552-6426

### 2.2 MATERIALS

#### A. AMICO Security AMIGUARD® 4780 Palisade fence

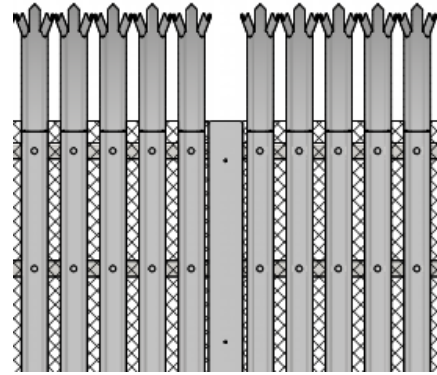
(Bent Tri-Point Pales with Anti-Scale Spacing with Expanded Metal)

#### B. PHYSICAL PROPERTIES (OPEN MESH SECTION)

1. Width of pales 2.7" (68mm)
2. Width of open space max 1.3" (33mm)
3. Height 6', 7', 8', 9' & 10'
4. Rails 2 or 3 rail system
5. Expanded metal weight 1.41 lbs/sf2 (6.88 kg/m<sup>2</sup>)
6. Expanded metal strand thickness 0.090in (2.29mm)
7. Produced by AMICO Security

#### C. Framework

1. Slotted Posts and Infini-Rails shall be at least 30,000 PSI structural tubing per ASTM A500. Profile of rails shall be designed with rips to provide additional rigidity. AMICO Security Secura-Sleeve® allow AMICO Infini-Rail® to slide through posts for fast easy installation.
2. Pales shall secure to rails using carriage bolts or other custom designed bolts.



#### D. Finish

1. Galvanized finish shall be hot dip galvanized to meet ASTM A 123 /A123M Zinc (Hot Dip Galvanized) Coatings on Iron and Steel Products, and ASTM F1083 Specification for Pipe, Steel, Hot-Dipped Zinc Coated (Galvanized) Welded For Fence Structures.
2. Color Coated finish as manufactured and specified by AMICO Security.

## PART 3 EXECUTION

### 3.1 INSTALLATION

The Secura Sleeve® snaps onto Amiguard Posts® and allow AMICO Infini-Rails® to pass through the post easily. Sleeves prevent water from entering the post. Rails are joined making a continuous rail for the length of the fence run using the fastenerless friction fit system from AMICO Security. Pales are bolted to rails using tamper proof fasteners supplied by AMICO Security. Finish Plates are secured to posts with security TEK screws. Carriage bolts are used to secure pales to plates completing the installation of framework and pales. Seat post caps on each post. Install gates as required.

### 3.2 GATES

- A. Gates shall be installed so that the bottom maintains a minimum clearance of one (1) inch above the rock or concrete driveway.
- B. The gate is to swing or roll freely throughout the entire gate range of motion.
- C. Install gate operator per manufacturer's recommendations.
- D. Install UL approved conduit for gate operator electrical and control cables to meet Codes.