



# ADDENDUM NUMBER ONE

## 11 April 2022

### LOMPOC HIGH SCHOOL STADIUM FENCE PROJECT BID B20-22

Issued By:  
Lompoc Unified School District.  
1301 North A St.  
Lompoc, CA 93436

To all bidders submitting proposal(s) for the captioned project: this Addendum is hereby made part of the Contract Documents to the same extent as though it was originally included therein and takes precedence over the original documents and any previous addenda.

### Acknowledge receipt of the Addendum on Form of Proposal

#### A. PRE-BID QUESTIONS

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**Q1: What style of 6' panel is specified Ameristar, Fortress, Guardsman, secure weld plus?**

A1: There is no preference as long as they meet the specifications 6' heavy pre-galvanized (ASTM A653, Coating designation G60) black powder-coated fencing with a top and bottom rail and 4" spacing for the pickets. For the 10' section it will have two top and two bottom rails.

**Q2: What size rail 1.5" 1 3/4"?**

A2: 1.5" 14 gauge

**Q3: What size picket 3/4 or 1"?**

A3: 1" 16 gauge?

**Q4: For the style of 10' fence when you google guardian fence it comes up as an anti climb fence mesh. My supplier does one in 10' you can google design master contempo. Very durable in the marine weather and vandal resistant. Is this what you are looking for when guardian is specified?**

A4: I have added a picture of what we are talking about. See LUSD Attachment 1\_Fence.

**Q5: What size posts do you want 3' or 4" 10' is a tall fence and will still take a wind load at that height.**

A5: 3" for the 6' and 4" for the 10'

## **PRE-BID QUESTIONS (Continued)**

**Q6: Are 12"x42" concrete footings acceptable?**

A6: Yes

**Q7: Is Temp Fencing Required?**

A7: Yes

**Q8: Fence supporting system which type of installation is required (i.e. Tabs bracing / Welding bracing / Bolt on Bracing, etc..)?**

A8: Welding

**Q9: Are the existing post footing to remain or remove?**

A9: Existing posts shall be cut at or below grade level and then the holes filled with concrete. When an existing footing is in the way and the post cannot be cut and filled, the contractor shall extract the footings.

**Q10: What or Is there an engineer estimate?**

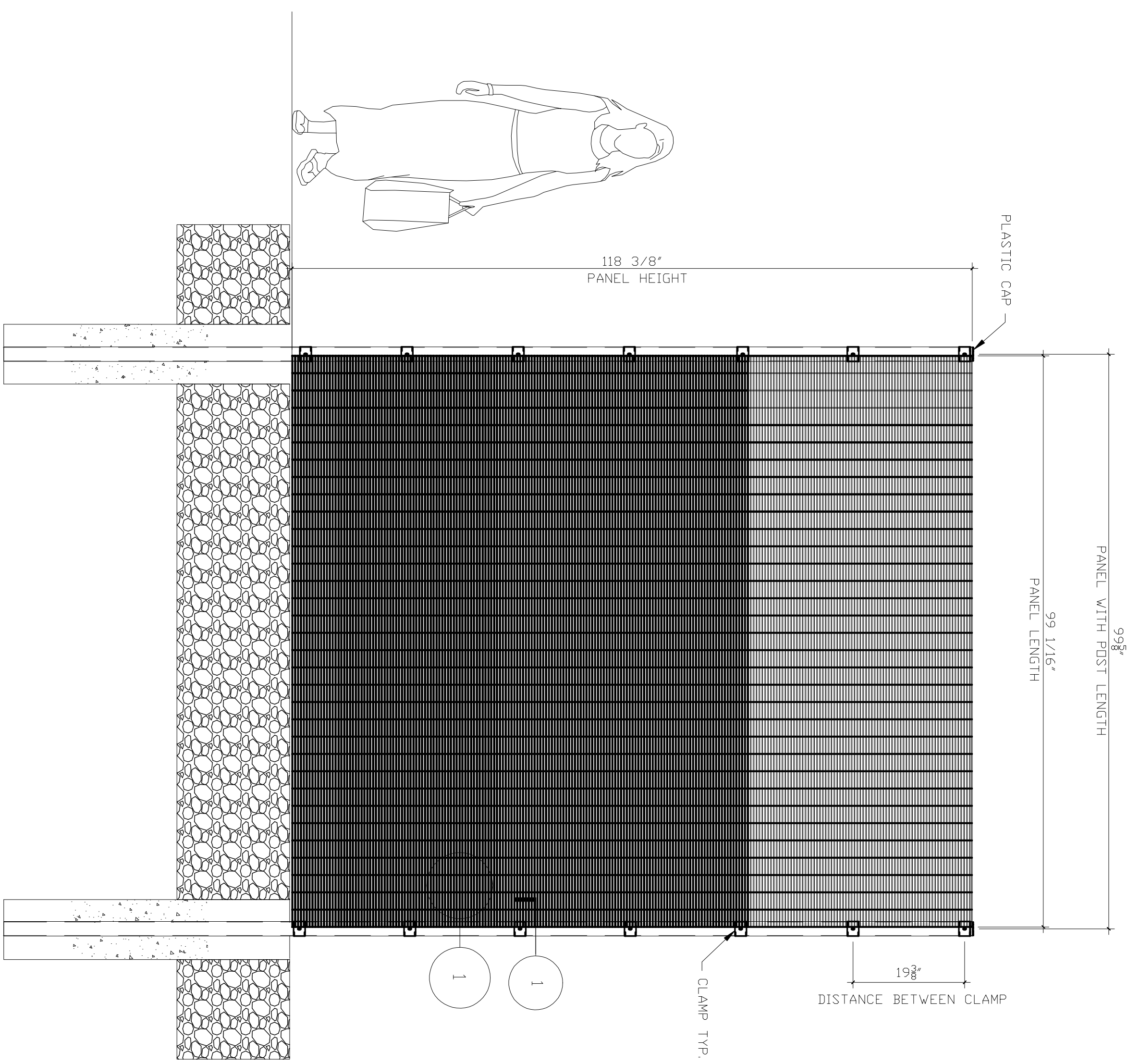
A10: There is no estimate.

**Q11: Attached are specs and Pdf of a 10' anti climb panel is this an acceptable design for the high school stadium? Refer to attached files: 118-inch-flat-PDF and 118-inch-flat-PDF-SPECS**

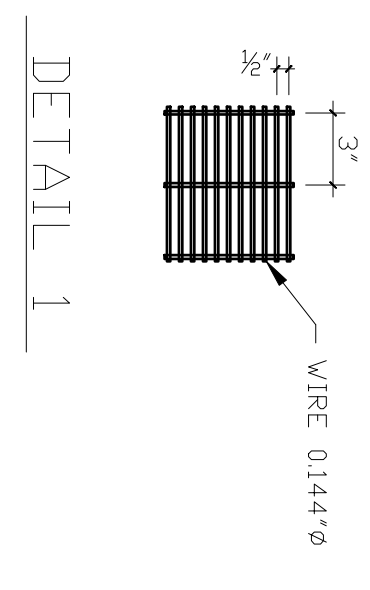
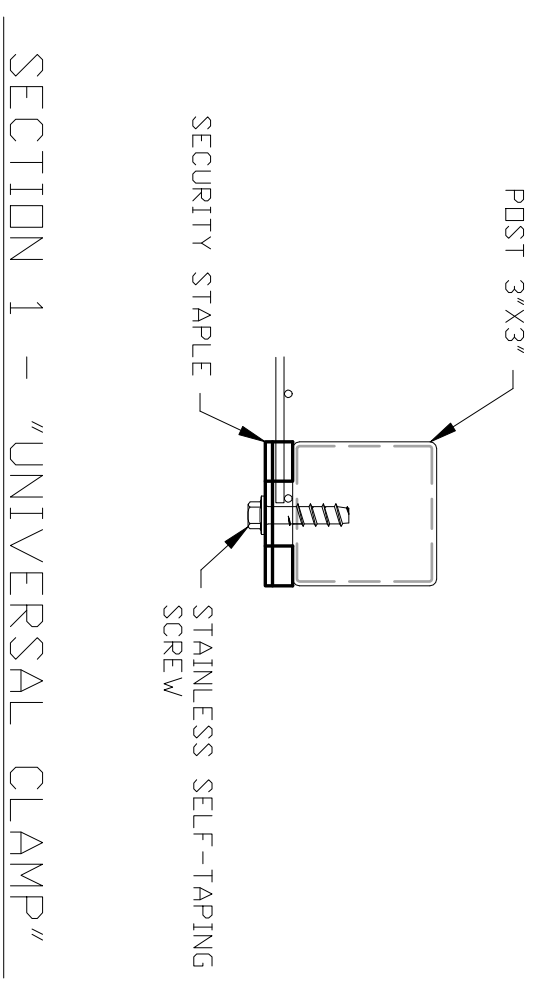
A11: The one you sent is not what we are looking for. The fencing we are looking for is close to the same as we use just curved at the top and a few more rails. Refer to A4/ LUSD Attachment 1\_Fence.

END OF ADDENDUM NUMBER ONE





- VALUES SHOWN ARE NOMINAL AND NOT TO BE USED FOR INSTALLATION PURPOSES.
- DRAWINGS ARE NOT TO SCALE.
- CHECK WITH LOCAL BUILDING CODES AND OBTAIN ALL NECESSARY BUILDING PERMITS.
- THESE ARE BASIC AND GENERAL SPECIFICATIONS AND DO NOT COVER ALL POSSIBLE INSTALLATION SCENARIOS.



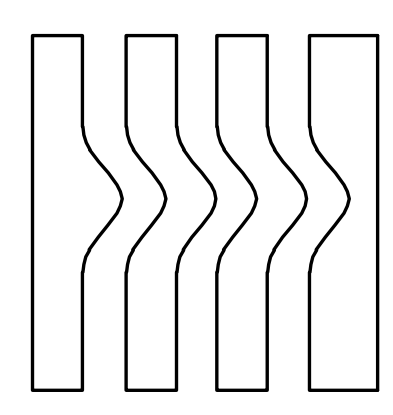
FORTE FLAT PANEL SPECIFICATIONS			
	SPECIFICATION	TOLERANCE	SPECIFICATION
HORIZONTAL WIRE DIAMETER	0.144"/3.65mm.	±0.0019"/±0.05mm.	ASTM A-510
VERTICAL WIRE DIAMETER	0.144"/3.65mm.	±0.0019"/±0.05mm.	ASTM A-510
TENSILE STRENGTH	80 ksi		
ZINC COATING	0.32 oz/ft <sup>2</sup>		ASTM A-641
POWDER COATING THICKNESS [IGC FREE/VOC FREE]	100 MICRONS		ASTM D-7091

DMF POST SPECIFICATIONS			
	DIMENSION	SPECIFICATIONS	NOTES
POST SIZE	3"x3"	ASTM A513	
POST GAUGE	11	ASTM A-500	
TENSILE STRENGTH	44945 lbs./in <sup>2</sup>	ASTM A-653 TABLE 1 (G90=2275)	
POST ZINC COATING	0.96oz/ft <sup>2</sup>	ASTM A-500	
YIELD STRENGTH	32997 lbs./in <sup>2</sup>	ASTM A-500	
POST CAP	PLASTIC INJECTION FORM 3" POST	POLYPROPYLENE	
HARDWARE CLAMPS	UNIVERSAL CLAMP		
POWDER COATING THICKNESS	100 MICRONS	IGC FREE/VOC FREE	ASTM D-7091

DRAWINGS BY:  
 VP & ASSOCIATES, INC.  
 802 S. EMMETT ST.  
 TAMPA, FL 33603  
 PH: 813-247-3835  
 FAX: 813-247-4305

DATE: OCTOBER, 2018	
PROJECT NAME:	GENERAL SPECS
CUSTOMER:	DESIGN MASTER FENCE

DMF – FORTE FLAT PANEL 118”  
 ELEVATIONS/SECTIONS



**Designmaster™**  
 FENCING SYSTEM

DESIGNMASTER FENCE FORTE WELDED WIRE FENCES AND GATES

CONSTRUCTION SPECIFICATIONS INSTITUTE MASTERFORMAT SECTION 32 31 XX

**PART 1 - GENERAL**

1.1 SUMMARY

A. Section Includes:

1. Steel welded wire fences.
2. Steel welded wire gates.
3. Concrete post foundations.

B. Related Sections:

1. Division 01: Administrative, procedural, and temporary work requirements.
2. Section 03 3000 - Cast-In-Place Concrete.
3. Section 31 2300 - Excavation and Fill.

1.2 REFERENCES

A. ASTM International (ASTM):

1. A185/A185M - Standard Specification for Steel Welded Wire Reinforcement, Plain, for Concrete.
2. A641/A641M - Standard Specifications for Zinc-Coated (Galvanized) Carbon Steel Wire.
3. B117 - Standard Practice for Operating Salt Spray (Fog) Apparatus.
4. C94 - Standard Specification for Ready-Mixed Concrete.
5. D3359 - Standard Practice for Measuring Adhesion by Tape Test.

1.3 SUBMITTALS

A. Submittals for Review:

1. Shop Drawings: Indicate fence locations, post spacing, system components, and accessories.
2. Product Data: Manufacturer's descriptive data.
3. Samples:
  - a. [12 x 12] [\_x\_] inch fence panel samples.
  - b. [12] [\_] inch long post samples.
  - c. Cap and bracket samples.

B. Sustainable Design Submittals:

1. Recycled Content: Certify recycled content of steel; indicate recycled content percent and whether pre-consumer or post-consumer [LEED MR Credit 4.1/4.2].
2. Regional Materials: Certify materials extracted, processed, and manufactured within 500 mile radius of Project site [LEED MR Credit 5].

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum [2] [\_] years [documented] experience in work of this Section.

**B. Mockup:**

1. Size: Minimum [16] [ ] feet long x full height.
2. Show: Fence posts, panels, and accessories.
3. Locate [where directed.] [ ]
4. Approved mockup may [not] remain as part of the Work.

**1.5 WARRANTIES**

A. Furnish manufacturer's warranty providing coverage against corrosion of galvanized steel coatings and blistering or loosening of powder coatings.

**PART 2 - PRODUCTS**

**2.1 MANUFACTURERS**

- A. Contract Documents are based on products by Deacero S.A. DE C.V.  
B. Substitutions: [Under provisions of Division 01.] [Not permitted.]

**2.2 COMPONENTS**

**A. Fence Panels:**

1. Resistance welded steel wire mesh, ASTM A185/A185M, 8 gauge Class 1 galvanized steel wire per ASTM A641/A641M, 1/2 x 3 inch mesh.
2. Height: Flat Panels [79] [99] [118] [142] inches, V Brace Panels [76] [96] inches.
3. Wire breaking load: Minimum 70,000 to 90,000 PSI.
4. Weld shear strength: Minimum 1,050 pounds.

**B. Posts:**

1. Galvanized steel tube, ASTM A513/A787, G60 coating class, 3 x 3 inches, 11 gauge.
2. Length: To suit panel height and post mounting method.
3. Post caps: Ultraviolet-protected plastic, sized to post dimensions, friction fit.
4. Post bases: Not applicable.
5. Extension arms: Same material and size as posts, welded to post tops at 45 degree angle, for attachment of [barbed wire using clips and machine bolts.] [Fence panels using post brackets.]

**C. Post Brackets:**

1. Galvanized steel and powder coated, with self-tapping stainless steel screw or other appropriate self-tapping screw as required.

**D. Gates:**

1. Custom built by design. Includes any specified hardware.

**2.3 ACCESSORIES**

A. Concrete: As required by local building codes.

**2.4 FINISHES**

A. Fence Panels and Posts:

1. Polyester powder coated to approximately 4 mils thickness, free of both Triglycidyl Isocyanurate (TGIC) and Volatile Organic Compounds, [Black] [White] [Green] [Brown] [Gray] [Blue] [Red] [Yellow] color.
2. Salt spray resistance: No rusting or blistering tested to ASTM B117 for 1000 hours.
3. Adhesion: Tested to ASTM D3359, Method B.

### **PART 3 - EXECUTION**

#### **3.1 INSTALLATION**

- A. Install fencing in accordance with manufacturer's instructions and approved Shop Drawings.
- B. Drill post holes into undisturbed or compacted soil in accordance with local building codes.
- C. Set posts with bottom hole in accordance with local building codes.
- D. Place concrete around posts in accordance with local building codes.
- E. Pour top of footings in accordance with local building codes.

\*\*\*\* OR \*\*\*\*

#### **3.2 INSTALLATION**

- A. Install fencing in accordance with manufacturer's instructions and approved Shop Drawings.
- B. Locate and drill holes for post bases.
- C. Secure each post with four anchor bolts.

#### **3.3 INSTALLATION TOLERANCES**

- A. Maximum Variation from Plumb: [1/4] [ ] inch in 10 feet.
- B. Maximum Offset from True Position: [1] [ ] inch.