



818 S. FLORES ST. SAN ANTONIO, TEXAS 78204 www.saha.org

Procurement Department

ADDENDUM # 1

To: File 1809-909-23-4837
IFB for: T. L. Shaley Burn Unit Rebuild

The following questions were received:

Question 1: In regards to the above project, in the table of contents, Division 8 lists "089119 Fixed Louvers." However, I don't see those includes in the specs. Is a copy of this section available?.

Answer 1: See attached specifications for that section.

Question 2: Will we have to get an engineer to certify the slab as useable?

Answer 2: SAHA has had the slab reviewed by our design professionals and they have concluded the slab is stable and useable.

Question 3: Is the plumbing in the slab OK?

Answer 3: We believe the slab components to be in useable condition but expect the awarded contractor to confirm they are clear and sound.

Pre-submittal attendance is attached

By: Charles R Bode
Charles Bode Asst. Director of Procurement

Date: October 3, 2018

ADDENDUM No. 2

DATE: October 2, 2018

PROJECT NAME/LOCATION: SAHA – TL Shaley

DHR Architects, Inc.
14603 Huebner Rd., Building 18
San Antonio, Texas 78230



This addendum shall be included in and be considered part of the plans and specifications for the above named project. This addendum shall take precedence over the original construction documents where its provisions apply.

ITEM No. DESCRIPTION

PROJECT MANUAL

- 1.1 **REGARDING FIXED LOUVERS (GABLE VENT)**
Add new Section 089119 per Attachment "1".

END OF ADDENDUM No. 2

NOTICE TO PLANHOLDERS:

Please insert this Addendum into your copy of the Project Construction Documents.

SECTION 089119 - FIXED LOUVERS (GABLE ROOF)

PART 1 - GENERAL

1.1 SUMMARY

- A. Section includes fixed extruded-aluminum or formed-metal louvers.
- B. Related Requirements:
 - 1. Section 061000 "Rough Carpentry" for louvers in gable end wall.
 - 2. Section 079200 "Joint Sealants"

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
 - 1. For louvers specified to bear AMCA seal, include printed catalog pages showing specified models with appropriate AMCA Certified Ratings Seals.
- B. Shop Drawings: For louvers and accessories. Include plans, elevations, sections, details, and attachments to other work. Show frame profiles and blade profiles, angles, and spacing.
- C. Samples: For each type of metal finish required.
- D. Delegated-Design Submittal: For louvers indicated to comply with structural performance requirements and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

1.3 INFORMATIONAL SUBMITTALS

- A. Product Test Reports: Based on tests performed according to AMCA 500-L.
- B. Sample warranties.

1.4 QUALITY ASSURANCE

- A. Welding Qualifications: Qualify procedures and personnel according to the following:
 - 1. AWS D1.2/D1.2M, "Structural Welding Code - Aluminum."
 - 2. AWS D1.3/D1.3M, "Structural Welding Code - Sheet Steel."

1.5 WARRANTY

- A. Special Finish Warranty: Manufacturer agrees to repair or replace components on which finishes fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: Five (5) years from date of Final Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Design louvers, including comprehensive engineering analysis by a qualified professional engineer, using structural performance requirements and design criteria indicated.
- B. Structural Performance: Louvers shall withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated without permanent deformation of louver components, noise or metal fatigue caused by louver-blade rattle or flutter, or permanent damage to fasteners and anchors. Wind pressures shall be considered to act normal to the face of the building.
 - 1. Wind Loads: Determine loads based on a uniform pressure of 20 lbf/sq. ft. acting inward or outward.
- C. Louver Performance Ratings: Provide louvers complying with requirements specified, as demonstrated by testing manufacturer's stock units identical to those provided, except for length and width according to AMCA 500-L.

2.2 FIXED EXTRUDED-ALUMINUM LOUVERS

- A. Horizontal Nondrainable-Blade Louver
 - 1. Manufacturer: Lomanco, Inc. 800-643-5596, 900 Series
 - 2. Size: As indicated on Architectural Drawings

2.3 FIXED FORMED-METAL LOUVERS

- A. Horizontal Nondrainable-Blade Louver
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Air Flow Company, Inc.
 - b. Airolite Company, LLC (The).
 - c. Greenheck Fan Corporation.

2.4 LOUVER SCREENS

- A. General: Provide screen at each exterior louver
 - 1. Screen Location for Fixed Louvers: Interior face.
 - 2. Screening Type: Insect screening.
- B. Louver Screen Frames: Same type and form of metal as indicated for louver to which screens are attached.

2.5 MATERIALS

- A. Aluminum Extrusions: ASTM B221 Alloy 6063-T5, T-52, or T6.
- B. Aluminum Sheet: ASTM B209 Alloy 3003 or 5005, with temper as required for forming, or as otherwise recommended by metal producer for required finish.
- C. Galvanized-Steel Sheet: ASTM A653/A653M, G60 zinc coating, mill phosphatized.
- D. Fasteners: Use types and sizes to suit unit installation conditions.
 - 1. Use Phillips flat-head screws for exposed fasteners unless otherwise indicated.
 - 2. For fastening aluminum, use aluminum or 300 series stainless-steel fasteners.
 - 3. For fastening galvanized steel, use hot-dip-galvanized-steel or 300 series stainless-steel fasteners.

2.6 FABRICATION

- A. Fabricate frames, including integral sills, to fit in openings of sizes indicated, with allowances made for fabrication and installation tolerances, adjoining material tolerances, and perimeter sealant joints.
- B. Join frame members to each other and to fixed louver blades with fillet welds concealed from view, threaded fasteners, or both, as standard with louver manufacturer unless otherwise indicated or size of louver assembly makes bolted connections between frame members necessary.

2.7 ALUMINUM FINISHES

- A. Clear Anodic Finish: AAMA 611, AA-M12C22A41, Class I, 0.018 mm or thicker.

2.8 GALVANIZED-STEEL SHEET FINISHES

- A. Finish louvers after assembly.
- B. Surface Preparation: Clean surfaces with nonpetroleum solvent, so surfaces are free of oil and other contaminants. After cleaning, apply a conversion coating compatible with the organic coating to be applied over it. Clean welds, mechanical connections, and abraded areas and repair according to ASTM A780/A780M.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Locate and place louvers level, plumb, and at indicated alignment with adjacent work.
- B. Use concealed anchorages where possible. Provide brass or lead washers fitted to screws where required to protect metal surfaces and to make a weathertight connection.
- C. Provide perimeter reveals and openings of uniform width for sealants and joint fillers, as indicated.

3.2 ADJUSTING

- A. Restore louvers damaged during installation and construction, so no evidence remains of corrective work. If results of restoration are unsuccessful, as determined by Architect, remove damaged units and replace with new units.

END OF SECTION 089119

SIGN IN SHEET
1809-909-23-4837 T L Shaley Burn Unit Rebuild
October 2, 2018

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