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**Jefferson County Office Building - Port Arthur Texas****SECTION 00902**  
**ADDENDUM**

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**PART 1          GENERAL**

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**1.1      SECTION INCLUDES**

- A.      Addendum Number 002.

**1.2      RELATED SECTIONS**

- A.      Work of this Section shall apply to all referenced materials and specifications as if written therein.

**1.3      ADDENDUM NUMBER 002          July 23, 2014****JEFFERSON COUNTY OFFICE BUILDING**

860 4<sup>th</sup> Street  
Port Arthur, Texas 77640

**CHICA AND ASSOCIATES**

505 Orleans  
Suite 106  
Beaumont, Texas 77701

Addendum Items 1 through \_\_\_ and attachments as indicated.

The bidding documents shall be amended, modified, deleted from or added to by the items hereinafter specified and all work affected by this addendum shall be included. Except as otherwise described, labor and material for the work hereinafter described shall conform to all requirements of the Original Specifications.

**BID DOCUMENTS**

1.      Davis Bacon Wage Decision: Please reference Attachment 01 - Revised Davis Bacon Wage Decision TX140013M1 for the project. This document has been provided to each bidder under separate cover with a response request confirming receipt. As noted in the Pre-Bid Meeting, bidders are required to confirm receipt of all addenda as part of the bid submission process. Confirmation of receipt of Addendum Two on the Bid Form will constitute evidence of receipt of said Davis Bacon Wage Decision.

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**Jefferson County Office Building - Port Arthur Texas****DRAWINGS**

2. Sheet C1.02 - Add Note clarifying that Datum Elevation 100 feet - 0 inches as defined in the Building Design Documents equals Mean Sea Level Elevation 103.95 feet.

**SPECIFICATIONS**

3. Low Slope Roofing System: Add attached Specification Section 07612 - PREFORMED CONCEALED FASTENER LOW SLOPE METAL STANDING SEAM ROOFING. This specification is to be utilized for the preformed metal roofing system in lieu of the material specified in Section 07413 - METAL ROOF PANELS AND CLADDING. Material specified in Section 07612 shall be utilized for the Low Slope Roofing. Material specified in Section 07413 shall be utilized only in vertical cladding applications on parapets.

**COMMENTS and QUESTIONS:**

4. Note on D0.01 to "Relocate existing Street Trees this area as directed by City of Port Arthur". There does not appear to be any other reference to landscaping on the documents. Please clarify or confirm the scope of landscaping, planting, seeding or sodding, irrigation, etc.

*Answer: As noted during the Pre-Bid Conference, the only landscaping included at this time in the scope of work is the relocation of the existing street tree within the parkway that conflicts with the proposed vehicular approach. All sod areas disturbed during the course of construction shall be restored to pre-construction condition. There are no irrigation systems indicated and/or anticipated for the project. There are sleeves included in the overall design should the county choose to install an irrigation system at a later date.*

5. Question from rebar vendor:

- a. On dwg. SO.1, note #6, under Concrete, you call for the slab on grade to be reinforced with #4 @18" ocev, U.N.O.
- b. On dwg. S1.0, in the plan view, you call for the slab on grade to be reinforced with #5 @ 24" ocev.
- c. On dwg. S3.0, section F1, you say the slab is reinforced with #5 @18" ocev.

Please clarify reinforcing requirements.

*Answer: As a General Note, Note 6 is only to be utilized where reinforcing bars are not defined in the drawings. As the worst case condition is #5 at 18 inches ocev, utilize that size and spacing for bidding purposes.*

6. Question regarding fire extinguishers. There do not appear to be any fire extinguishers or cabinets in the building. Please clarify or confirm no fire extinguishers or cabinets are required.

*Answer: All fire extinguishers will be provided and installed by the Owner as certification and maintenance of said extinguishers will be of ongoing concern of the owner. The general contractor shall coordinate with Owner to provide blocking for mounting of brackets.*

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7. Enlarged floor plans A3.01, A3.02, A3.03, and A3.04 mention corner guards, but am unable to find specification for corner guard material. Please clarify or provide specification for corner guards.  
*Answer: Corner Guards referenced in plans and details shall be Three Inch Winged Surface Mounted PVC Corner Guards with metal retainer and closure caps. Color selection will be from Manufacturer's Standard Color Palette.*
8. Detail 04 & 05/A11.02 indicate pin-mounted 1/2 " thick stainless steel letters. Font to be Market Deco. There is no specification or detail provided for any interior signage. Code requires restrooms be identified. Please clarify or confirm no interior signage is required.  
*Answer: All interior signage will be provided and installed by the Jefferson County Signage Department. The general contractor is required to provide the*
9. No detail or specification is provided for cabinet hardware or plastic laminate type. As these items can vary to extremes, some parameter is usually provided to ensure correct pricing is given. Please clarify specific hardware and plastic laminate requirements.  
*Answer: All cabinet doors and drawer fronts shall have routed edge pulls on the back edge of the door / drawer front in appropriate location for the intended access. Plastic Laminate shall be horizontal grade laminate, single uniform color laminate with a satin finish.*
10. Question about exterior lettering. The exterior building elevation 02/A4.01 shows the street address towards the right side of the elevation. Details 04&05/11.02 do not show the address lettering. Please clarify or confirm there is no address lettering to be provided.  
*Answer: The street address shown on Elevation 02/A4.01 shall match the balance of the exterior signage in material, size and font.*
11. The Wage Rate information provided does not cover all trades that will likely be on the project. For example, this is a structural steel frame building and no wage rate is provided for workers who will be performing that type of work. Please clarify or confirm wage rate is not applicable to trades not listed.  
*Answer: As noted in discussions during the Pre-Bid meeting, this project must comply with the wage rate guidelines of the Davis Bacon Act. Additional wage classifications may be requested for trades not listed in the revised wage determination included as an attachment to this addendum.*
12. What type lockset will be used at these openings? Mortise or Cylindrical?  
*Answer: Cylindrical*
13. Latch bolt or deadbolt function to determine face plates with the electric strikes?  
*Answer: Latch Bolt with Electric Strike.*
14. Are the power supplies being furnished by others? If not, need a spec on the power supply accessory for the electric strikes.  
*Answer: By Others*

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15. The office locksets noted in the opening schedules don't distinguish between a mortise or cylindrical type lockset. Please provide this information for prepping doors and frames.  
*Answer: As noted in question 12 above, all interior door locksets are to be cylindrical.*
16. What are the exit device functions? Are they Exit Only or do they get trim with levers and/or cylinders?  
*Answer: All doors will have a night latch function with levers and cylinders.*
17. Floor mounted stops are specified but need spec for what type stop?  
*Answer: Stanley ½ inch x 2 inch or similar.*
18. What type threshold? Heavy Duty Cast? Lip? No spec listed for any thresholds in the schedules.  
*Answer: Extruded aluminum saddle thresholds complying with TAS requirements.*
19. What type weather stripping at the exterior doors? Self-Adhesive? Vinyl Seals? Neoprene Seals? Silicone Seals? No spec in the specs or the opening schedules.  
*Answer: Neoprene or Vinyl*
20. Rain Drip Spec?  
*Answer: Extruded Aluminum*
21. Size for armor plates? 36" X 2" LWD?  
*Answer: 36" X 2" LDW?*
22. Spec for pulls, pull plates and push plates? Size? Finish?  
*Answer: 4 inch x 16 inch with a 6 inch center to center pull*
23. All door sizes in the opening schedule are 3/0 in widths. The hinge size noted in the opening schedules list 4" ball-bearing hinges for these widths. The recommended size of hinges is 4-1/2" for doors up to 36" wide and 1-3/4" thickness. Standard weight? Heavy weight? Finish? Do exterior hinges for exterior openings get NRP features?  
*Answer: The selection of 4 inch hinges is incorrect. All hinges shall be 4 ½ inch BB hinges, 1 ½ pair per leaf with NRP for all out opening exterior doors and doors entering*
24. Any closers need hold open options?  
*Answer: No*
25. What is the grade of the door hardware?  
*Answer: Stanley Commercial Grade hardware or similar grade from other manufacturer's shall be utilized as level of quality. All hardware shall include removable core lock keyways.*

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26. There is a conflict in the door specifications where both wood face and PLAM face are referenced. Which is correct?

*Answer: All doors shall be PLAM flush face doors. Finish shall be wood grain PLAM selected from manufacturer's standard color palette.*

**PREVIOUS ADDENDA:**

27. Addendum 001 - Item 10(C) - The form indicated is available but is not located on the General Land Office Website. A copy of the form will be provided, if requested, to the successful bidder.
28. Addendum 001 - Item 11(A) - Attachment 03 is hereby voided. Refer to Item 1 this addendum for clarification of wage determination to be utilized.
29. Addendum 001 - Item 11(B) - The addendum incorrectly identified the process as a "wage determination". It is correctly titled as a "wage classification".
30. Addendum 001 - Item 11(B) - the second sentence is incorrect. It should state the following  
Additional classifications can be requested following contract award.

**ATTACHMENTS:**

31. Attachment 01 - Davis-Bacon Wage Rate Decision TX140013M1.
32. Attachment 02 - 07612 - Preformed Concealed Fastener Low Slope Metal Standing Seam Roofing.

**END OF ADDENDUM NUMBER 002**

**END OF SECTION 00902**



# Texas General Land Office - Disaster Recovery

## Form 6-3 Ten-Day Confirmation Form

Ten (10) days **or less** before the bid opening date, confirm that the initial wage decision inserted in the bid package is still current. Count the 10 days to include the weekends – 10 **calendar days** before the bid opening date. Wage rates are not “locked-in” and may be modified until bids are opened. If wage rates are modified after the Ten-Day Confirmation but before bid opening, and the LSO is unable to contact all bidders, contact the DR Division Labor Standards Specialist.

Grantee Name: \_\_\_\_\_

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

DRS Number: \_\_\_\_\_

### Ten Day Confirmation Information:

Confirmed Wage Decision: \_\_\_\_\_

Published Date: \_\_\_\_\_

Bid Activity: \_\_\_\_\_

LSO Confirming: \_\_\_\_\_

Date of 10-day Confirmation: \_\_\_\_\_

Bid Opening Date\*: \_\_\_\_\_

*(\*If the Small Purchase method of procurement is used the above entry will be the bid tabulation date.)*

If Wage Decision was modified, describe action taken by LSO to distribute the updated wage decision to all interested parties:

10-day call Action Taken:  None  Faxed  E-Mailed  Mailed

Distributed By LSO: \_\_\_\_\_

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

Comments: \_\_\_\_\_

**\*\*Attach wage decision to this form and retain in local files. Do not send a copy to GLO-DR\*\***

**Revised form effective 9/10/2012**

General Decision Number: TX140013 07/18/2014 TX13

Superseded General Decision Number: TX20130013

State: Texas

Construction Type: Building

Counties: Hardin, Jefferson and Orange Counties in Texas.

BUILDING CONSTRUCTION PROJECTS (does not include residential construction consisting of single family homes and apartments up to and including 4 stories)

Modification Number	Publication Date
0	01/03/2014
1	07/18/2014

\* ASBE0022-001 01/01/2014

	Rates	Fringes
Insulator/asbestos worker (includes application of all insulationg materials, protective coverings, coatings and finishing to all types of mechanical systems).....	\$ 21.05	9.55

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BRTX0001-009 06/01/2011

	Rates	Fringes
BRICKLAYER.....	\$ 22.47	9.65

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ELEC0479-001 12/31/2012

	Rates	Fringes
ELECTRICIAN (Including pulling or installing low or no voltage cable through conduit but only to junction box or plate where wire is loosely attached or coiled for fire alarms, phones, heating, etc.).....	\$ 26.00	11.42

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PLUM0068-002 10/01/2012

	Rates	Fringes
PLUMBER (Excluding HVAC Pipe Work).....	\$ 27.79	9.39

SHEE0054-011 07/01/2010

	Rates	Fringes
SHEET METAL WORKER.....	\$ 26.89	10.57

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SUTX2000-001 02/16/2000

	Rates	Fringes		
Carpenters:				
ACOUSTICAL.....	\$ 14.00			
DRYWALL AND METAL STUDS.....	\$ 14.00			
FORM BUILDER AND SETTER.....	\$ 14.52			
ALL OTHER WORK.....	\$ 15.68			
CEMENT MASON/CONCRETE FINISHER...\$ 13.50				
Fire Alarm Installer (Installation Of Fire Alarm Apparatus Only, Excludes Pulling Or Installing Of Low Or No Voltage Wiring).....			\$ 14.00	1.48
GLAZIER.....	\$ 11.50			
Insulator, Batt & Blown.....	\$ 11.21	1.00		
Laborers:				
Brick Tender.....	\$ 8.84			
Common/Unskilled.....	\$ 8.39			
Plaster Tender.....	\$ 8.00			
Painters:				
Brush.....	\$ 15.00			
Drywall Taping and Finishing.....	\$ 15.00			
Roller.....	\$ 12.00			
Spray.....	\$ 15.00			
PIPEFITTER (HVAC Pipe Only).....	\$ 15.27			
PLASTERER.....	\$ 15.07			
Power equipment operators:				
Backhoe.....	\$ 14.28			
ROOFER (Including Metal Roofs)...	\$ 10.50			

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WELDERS - Receive rate prescribed for craft performing  
operation to which welding is incidental.  
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Unlisted classifications needed for work not included within



the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

#### Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rates.

0000/9999: weighted union wage rates will be published annually each January.

#### Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union majority rates, LA indicates the State of Louisiana; 2004 is the year of the survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

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WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

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**Jefferson County Office Building - Port Arthur Texas****SECTION 07612****PREFORMED CONCEALED FASTENER LOW SLOPE METAL STANDING SEAM ROOFING****PART 1 GENERAL**

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**1.1 SECTION INCLUDES**

- A. The work includes, but is not necessarily limited to, furnishing and installation of all preformed metal roofing, and accessories as indicated on the drawings and specified herein..

**1.2 PERFORMANCE REQUIREMENTS**

- A. Wind uplift ratings are based on specifications developed by FM Global. Roofing insulation materials and fasteners shall meet Texas Department of Insurance (TDI) Windstorm Design and City of Port Arthur Requirements for 140 MPH Sustained Wind Load Ratings. Wind loading forces for design consideration must be developed to comply with TDI Windstorm Criteria requirements. The roofing system designer must give consideration to the anticipated wind loadings on field, perimeter and corner areas to provide adequate uplift resistance of the roofing system with allowances for appropriate factors of safety.
- B. Weather Tightness: The TripleLok seam has achieved the following:
1. ASTM E 1680 air infiltration at 1.57 psf measured .007 cfm/lnf of sidelap seam..
  2. ASTM E 1680 air infiltration at 12.0 psf measured .021 cfm/lnf of sidelap seam..
  3. ASTM E 1646 Water leakage was zero at 12 psf.
- C. Minimum Section Properties: 24 Gauge..
1. Positive:
    - a) Moment of inertia: 0.3739 (In4/ft.).
    - b) Section Modulus: 0.1567 (In3/ft.).
  2. Negative:
    - a) Moment of inertia: 0.1577 (In4/ft.).
    - b) Section Modulus: 0.0965 (In3/ft.).

**1.3 WARRANTY**

- A. MANUFACTURER'S PRODUCT WARRANTY - Manufacturer's standard coating performance warranty, as available for specified installation and environmental conditions
- B. CONTRACTOR'S WARRANTY - Warrant panels, flashings, sealants, fasteners and accessories against defective materials and/or workmanship, to remain watertight and weatherproof with normal usage for two (2) years following Project Substantial Completion date.

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**Jefferson County Office Building - Port Arthur Texas****1.4 SUBMITTALS**

- A. Samples and Literature: Prior to ordering products, submit samples of roof panels and concealed clips along with Manufacturer's literature and specifications for Architect approval.
- B. Detail Drawings: Detailed shop drawings must be submitted for approval prior to fabrication. Shop drawings shall indicate the factory coating specifications and other data as necessary to clearly describe gauges, profiles, fastener types and locations.

**1.5 QUALITY ASSURANCE**

- A. Installer's Qualifications: Installer must be approved by the Panel Manufacturer in writing prior to work commencing.
  - 1. Installer shall meet the following:
    - a) Successfully applied five metal roofs of comparable size and complexity which reflects a quality weathertight installation in the region where the work will be performed..
    - b) Have been in business for a minimum period of five years in the region where the work will be performed.
- B. Manufacturer's Qualifications.
  - 1. Manufacturer shall have a minimum of 10 years experience supplying metal roofing to the region where the work is to be done.
  - 2. Comply with current independent testing and certification as specified.
  - 3. The roof panel manufacturer must also subscribe to Underwriters Laboratories' "Follow Up Service" assuring continuing product compliance with UL requirements. Shipment packaging of panels and attachment clips must bear UL classification markings.

**1.6 PRODUCT DELIVERY, STORAGE AND HANDLING**

- A. Comply with manufacturer's recommendations for off-loading materials.
- B. Handle panels with non-marring slings.
- C. Do not bend panels.
- D. Store panels above ground, with one end elevated for drainage.
- E. Protect panels against standing water and condensation between adjacent surfaces.
- F. If panels become wet, immediately separate sheets, wipe dry with clean cloth, and allow to air dry.
- G. Store accessory items in a dry place

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**PART 2 PRODUCTS****2.1 INDIVIDUAL MATERIAL**

- A. PANEL DESIGNATION/CONFIGURATION: MultiLok-24®.

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- B. PANELS:
1. Base Metal:
    - a) Material: Steel conforming to ASTM A-792 Grade 50B with a minimum yield strength of 50,000 psi, and thickness not less than 24 gauge..
    - b) Protective Coating: Conforming to ASTM A-792 AZ50, 45% zinc and 55% aluminum alloy by weight..
  2. Configuration:
    - a) Profile: Roof panels shall consist of an 18-3/4" wide striated pan between 3" high corrugations with factory-caulked standing seams for a 24" net coverage in place. Corrugations shall be haunched to provide a reinforcing rib on each side. Panels shall be factory-notched and punched.
    - b) Manufacturer also provides an 18" net coverage 'filler' panel to assist with location of pipe penetrations and rake flashing conditions..
    - c) Provide panels in the maximum length recommended by Panel Manufacturer for intended installation to minimize end laps accommodating practical transportation and field handling..
    - d) Factory-Applied Sidelap Seam Sealant.
- C. ACCESSORIES:
1. Concealed Clip: Clip consisting of a fixed base and moveable clip tab with factory applied sealant allowing for 2-1/8" of thermal movement.
  2. Fasteners:
    - a) Concealed fasteners: Corrosion resistant plated steel as recommended by panel manufacturer.
    - b) Exposed fasteners: Long life zinc and aluminum alloy cast head with self-sealing washers, such as ZACTM.
  3. Sealant: Field-Applied tape Sealant: Butyl type, 1/8" x 1".
  4. Connection Hardware:
    - a) Shall be designed to allow the roof system including panels, flashings, endlaps, rake and ridge conditions to move with thermal expansion/contraction from a fixed eave condition.
    - b) Fixed Clip: 20 gauge galvanized or zinc-aluminum coated steel.
    - c) Rake Clip: 16 gauge galvanized or zinc-aluminum coated steel..
    - d) Back-Up Plate: 16 gauge galvanized or zinc-aluminum coated steel. Factory punched, enabling back-up plate fasteners to apply 2,000 pounds clamping force at endlaps.
    - e) End Dam: 18 gauge galvanized or zinc-aluminum coated steel. Factory punched.
    - f) Cinch Strap: 0.040" stainless steel prepunched and shaped to fit snugly between the ribs. Strap shall compress the panel inside tightly at both rib and flat areas.
    - g) Thermal Blocks:
      - 1) 1" thick 1.0 pcf expanded polystyrene foam for insulation 4" or less.
      - 2) 1/2" thick Dow Chemical thermal block for insulation 4"- 6" thick.
- D. FLASHING: Protective metallic coating, material, gauge and finish to match panels. Do not

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use lead or copper. Remove any strippable film prior to installation.

- E. FABRICATION: Flashings, gutters and downspouts shall be of 24 gauge prepainted galvanized coated steel to provide a complete, weathertight installation.

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**PART 3 EXECUTION**

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**3.1 EXAMINATION**

- A. Site Verification of Conditions. General Contractor and Subcontractors related to installation of materials identified within this specification section and related sections of work of the contract shall verify that site conditions are acceptable for material installation.
1. Do not proceed with material installation until unacceptable conditions are corrected.
- B. The undertaking of installation of materials shall be deemed as acceptance of all field conditions and configurations.
- C. Examine the conditions and substrates in which metal roofing work is to be installed. Substrate shall be installed level, flat and true to avoid panel stresses.
- D. Field measurements shall be taken prior to fabrication of panels.
- E. Proceed with roofing installation only after satisfactory conditions are met.
- F. MultiLok-24®panels shall be installed only when substrate and/or subframe is installed and aligned true in plane, accurate, and secured in place.

**3.2 PREPARATION**

- A. FIELD MEASUREMENTS:
1. Verify prior to fabrication.
  2. If field measurements differ from drawing dimensions, notify Architect/Engineer prior to fabrication.

**3.3 PROTECTION**

- A. Treat, or isolate with protective material, any contacting surfaces of dissimilar materials to prevent electrolytic corrosion..
- B. Require workmen walking on roofing panels to wear clean, soft-soled work shoes that will not pick up stones or other abrasive material which could cause damage or discoloration..
- C. Protect Work of other trades against damage and discoloration..

**3.4 TOLERANCES**

- A. Clean and dry surfaces prior to applying sealant.

**3.5 INSTALLATION**

- A. PANELS: Install per approved Submittal Drawings and Manufacturer's installation procedures.

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- B. Panel-to-panel connections: Roll lock seams to be manufacturer's recommended appropriate method for roof slope utilized.
- C. Remove any strippable protective film prior to installation and in any case, do not allow the strippable film coating to remain on the panels in extreme heat, cold, or in direct sunlight or other UV source

**3.6 ALLOWABLE ERECTION TOLERANCE**

- A. Maximum Alignment Variation: 1/4 inch in 40 feet.

**3.7 FLASHING**

- A. The panels shall be fixed at the eave. The ridge and rake assemblies shall be designed to allow the roof panels to move lengthwise with expansion/contraction for panel temperature changes up to a minimum of 150°. Panel end laps shall not be attached to the substructure to allow for thermal movement.
- B. Discrepancies between job site conditions and drawings as approved shall be brought to the attention of the Project Representative.

**3.8 CUTTING AND FITTING**

- A. Neat, square and true. Torch cutting is prohibited.
- B. Openings 6 inches and larger in any direction: Shop fabricate and reinforce to maintain original load capacity.
- C. Debur cut edge where necessary to saw-cut panel.

**3.9 CLEAN UP AND CLOSE OUT**

- A. Panel Damage and Finish Scratches:
  - 1. Do not apply touch-up paint to damaged paint areas that involve minor scratches..
  - 2. Panels or flashings that have severe paint and/or substrate damage shall be replaced as directed by the Project Representative.
- B. Cleaning and Repairing:
  - 1. At completion of each day's work and at work completion, sweep panels, flashings and gutters clean. Do not allow fasteners, cuttings, filings or scraps to accumulate.
  - 2. Remove debris from Project Site upon work completion or sooner, if directed.

**END OF SECTION 07612**