

**ADDENDUM #4**

DATE: December 11, 2017  
TO: All Bidders  
FROM: Charles Ragonese, AIA  
PROJECT #: 17048  
REFERENCE: CCIA Administration Building  
745 Lebanon Road  
Rosenhayn, NJ 08352

The following shall be made an integral part of the plans and specifications for the captioned project.

**Comment #    Response**

30. Included in the bid package is the attached specification Section 061516 Wood Roof Decking.
31. In addition to what is already indicated, provide one (1) 2" empty conduit with pull string from Mechanical/ Electrical Room 12 to Mechanical/ Electrical Room 102.
32. Provide a fire alarm strobe in Copy Room 28, Lunch Room 101 Women's Room 32. Provide a horn/strobe in corridor outside Conference Room 29 across from Women's 32.
33. Change three (3) Fixture Type A1's to A1E's on circuit PT-28. These will be indicated on sketch during construction.
34. Change Panels PT, P2, and P1 to 20" wide panels, not 40" wide as indicated on plans. Panel PT shall be 400 amp, not 225 amp. Change breaker serving Panel PT in Panel MDP to 400 amp.
35. The two unlabeled fixtures in Office 21 are Type A1. There are four (4) Type I (four foot fixtures) in Mechanical Room 12.
36. Change carbon monoxide detectors to combination smoke/carbon monoxide detectors. Add one of these detectors in Janitor 15 and outside Janitor 15 in corridor.

## **SECTION 061516 – WOOD ROOF DECKING**

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### SECTION 061516 - WOOD ROOF DECKING

#### PART 1 - GENERAL

##### 1.1 SUMMARY

- A. Section includes glued-laminated wood roof decking

##### 1.2 ACTION SUBMITTALS

- A. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Preparation instructions and recommendations
  - 2. Storage and handling requirements and recommendations
  - 3. Installation methods
- B. Research/Evaluation Reports: For structural glued-laminated timber and timber connectors, from ICC-ES
- C. Certification: Submit certification that the decking size selected will meet the calculated design wind pressure and snow loads. Copy of manufacturers product guide shall qualify.

##### 1.3 REFERENCES

- A. American Society of Civil Engineers (ASCE) SEI 7 - Minimum Design Loads for Buildings and Other Structures.
- B. National Design Specification for Wood Construction, Special Design Provisions for Wind and Seismic, American Wood Council.

##### 1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum 10 years' experience manufacturing similar products.
  - 1. Manufactured in accordance with ANSI A190.1 and ASTM D905 and supported by an independent inspection agency. Product stamp applied by the manufacturer shall be the quality assurance.
- B. Installer Qualifications: Minimum 2 years' experience installing similar products
  - 1. Installer shall be familiar with and refer to the manufacturers installation guide for each product and assembly. Installer shall consult the manufacturer for guidance on project specifics

##### 1.5 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Verify manufacturer, species, size, appearance grade, lengths, pattern, face finish, and end joints.
- B. Storage
  - 1. Units shall be stored on a level area with adequate blocking to avoid warping

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2. Water-resistant wrapping shall be used on top and sides when stored in uncovered locations. Water resistant wrap shall be `open' at bottom to prevent moisture trapping
  3. Products shall be separated from ground moisture during storage
- C. Handling: Product units and pieces shall not be dropped or dragged and shall be handled in a way to prevent surface and other damage
- D. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.
- E. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits
- F. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

### PART 2 - PRODUCTS

#### 2.1 MANUFACTURERS

- A. Retain a manufacturer with a minimum of 10 years' experience manufacturing similar products.

#### 2.2 PERFORMANCE REQUIREMENTS

- A. Structural Performance: Structural glued-laminated timber and connectors shall withstand the effects of structural loads shown on the contract drawings

#### 2.3 GLUED-LAMINATED WOOD ROOF DECKING

- A. Face Species: **Douglas fir-larch or Douglas fir-larch (North)**.
- B. Roof Decking Nominal Size: **3 inches by 8 inches**
- C. Face Grade: Decorative: Sound knots and natural characteristics are allowed, including chipped edge knots, short end splits, seasoning checks, and some pin holes. Face knot holes, stains, end slits, skips, roller splits, and planer burns are not allowed.
- D. Moisture Content: Provide wood roof decking with 15 percent maximum moisture content at time of dressing.
- E. Face Surface: **Smooth**
- F. Edge Pattern: **Beaded edge**
- G. Laminating Adhesive: Wet-use type complying with ASTM D 2559.

#### 2.4 ACCESSORY MATERIALS

- A. Fastener Material: Hot-dip galvanized steel.

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### PART 3 - EXECUTION

#### 3.1 INSTALLATION

- A. Install laminated wood roof decking to comply with manufacturer's written instructions.
  - 1. Locate end joints for three-**span continuous lay-up**
  - 2. Screw each course of glued-laminated wood roof decking at each support with one #10 TEK screw. Predrill roof decking at spikes to prevent splitting

#### 3.2 PROTECTION

- A. Provide water-resistive barrier over roof decking as the work progresses to protect roof decking until roofing is applied.

END OF SECTION 061516