

**November 1, 2019**  
**BOARD OF COUNTY COMMISSIONERS**  
**ORANGE COUNTY, FLORIDA**  
**ADDENDUM NO. 4 / IFB Y20-720-RM**  
**ORANGE COUNTY SOLID WASTE ADMINISTRATION BUILDING ROOF REPLACEMENT**  
**BID OPENING DATE: November 12, 2019**

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions, and/or revisions to and shall take precedence over the original documents. Additions are indicated by underlining; deletions are indicated by ~~strikethrough~~.

**A. The bid opening date remains November 12, 2019**

**B. The following are questions/responses/clarifications:**

1. Do you have any specs on the existing metal deck? We noticed there are at least 2 types of panels used.

**RESPONSE:** Existing Construction Documents indicate the existing deck is 1 ½” deep 22 gage galvanized wide rib metal deck with these minimum properties: S=.186 in3/FT; I=0.167in4/ft at the majority of the roof. Between column line 5.5 to 6.5, the existing metal deck is 6” in depth. The proposed metal deck can be found in Specification Section 053100-Steel Decking.

2. Is it possible to obtain the core sample information, including pictures and locations of samples.

**RESPONSE:** The existing roof assembly varies at the canopy, above occupied office space and the unconditioned garage. The canopy has 2” of Styrofoam insulation, occupied office space has 6” and unconditioned garage has 4”. The roof assembly is metal deck with Styrofoam insulation (varies), 5/8” Coverboard, Single-ply membrane, ½” Coverboard and 2-ply Mod Bit. Photo 1 and Photos 2 are attached showing the cores above the garage and office.

The existing structural deck is sloped ¼” per foot. Install tapered insulation as necessary to maintain slope and provide crickets at all mechanical equipment.

3. Do you have a color code for the edge metal?

**RESPONSE:** Color sample is to be provided by contractor to match the existing green and approved by A/E and Ownership.

4. Architectural Sheet A3.3, Detail F indicates 16-gauge metal studs, sheathing, batt insulation and an insulated metal panel at the rake edge on Column Line A5 and C5. Based on the plans and site visit, the width and height cannot be determined. Also, connection point details on the ends of this construction are not included. Please Clarify

**RESPONSE:** There are 4 locations where this detail occurs. Attached is the revised detail. The insulated panels are being replaced with EIFS. Install high impact resistant EIFS with integrated weather barrier and drainage plane, manufactured by Dryvit or approved equal. Color to be selected by owner from manufacturer's full range of intricate colors. Finish to be selected by owner. The area is approximately 8'-6" wide. The areas are to be sloped from the upper roof to lower roof where the skylights are removed, following the slope of the new deck. The EIFS will be approximately 2' to 1' tall. Verify in Field. Installation per manufacturer's installation requirement.

Metal studs, insulation and coverboard will be installed. The coverboard will be curb to fit snugly in the opening, contoured around the existing metal panels and the liquid applied weather barrier will be applied. Seal the full perimeter of the coverboard with backer rod and caulk. The EIFS will be sealed at the edges with backer rod and caulk also.

Photo 3 is attached showing an example of the existing condition.

Attached is the revised detail.

5. No specifications have been provided for the insulated metal wall panel Sheet A3.3, Detail F. Please provide

**RESPONSE:** Installation per Dryvit's specifications or approved equal.

6. Will a safety railing be required around the roof hatch?

**RESPONSE:** The existing roof hatch is 12' away from the edge in the least direction. No railing is required by code at this location.

7. Are we to provide new curbs for power vents / fans?

**RESPONSE:** New curbs will be required only where necessary to provide 8" flashing height.

**C. All other term and conditions of the IFB remain the same.**

**The Bidder shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the bid.**

**Receipt acknowledged by:**

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name of Firm



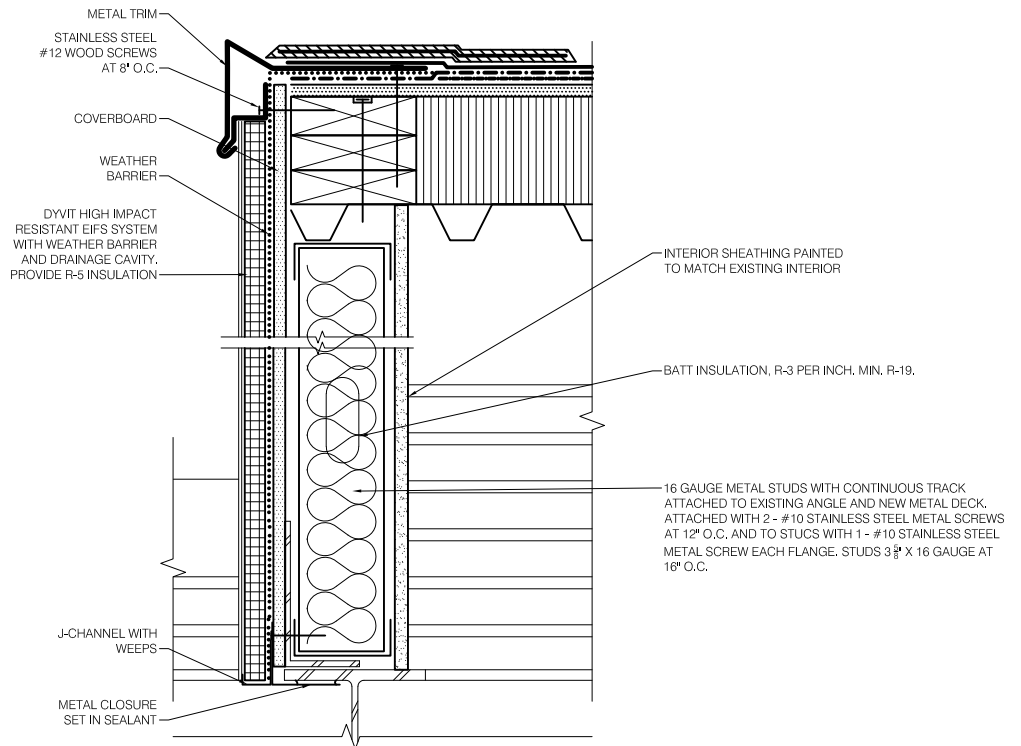
Photo 1 – 6" Insulation Core Sample at Lower Roof Area



Photo 2 – 4" Insulation Core Sample at Upper Roof Area



Photo 2 – 4" Insulation Core Sample at Upper Roof Area



DRIP EDGE AT RAKE EDGE  
 AT COLUMN LINE A.5 AND C.5  
 F  
 A-3.3 SCALE: NTS