TEST REPORT
ROOF MOISTURE SURVEY
Test Protocol TAS 126-95
Florida Building Code 2014

Date: March 8, 2017
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Report Prepared For:
Palm Beach State College
4200 Congress Avenue – MS #35
Lake Worth, FL 33461

Project Name: Palm Beach State College
Address: 4200 Congress Avenue
City / State: Lake Worth, FL 33461
Roof: Burt Reynolds Student Center

TESTING LABORATORY

Atlantic & Caribbean Roof Consulting
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MIAMI-DADE TESTING LABORATORY
CERTIFICATION # 16-0811.09

FLORIDA ENGINEERING FIRM
CERTIFICATE OF AUTHORIZATION #9036
TAS 126
BUILDING/ROOF SYSTEM INFORMATION

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DECK:

New [ ]
Existing [X]

DECK MATERIAL:

Steel [X]
LWC [X]
Concrete [ ]
Wood [ ]
CWF / Tectum [ ]
Gypsum [ ]
Other: [ ]

ROOF COMPONENTS:

Surface: Single Ply
Attachment: Adhesive
LWC
EPS Board
Deck: Steel
The Graphic Moisture Plot, based on % of moisture by weight, is produced from Calibrated Impedance Readings and spot readings of individual roof components with a Leak Seeker and Visual Observations.

**KEY**
- Core Location
- Acceptable Levels Of Moisture
- Unacceptable Levels Of Moisture
- Skylight

Grid 10' x 10'
1st reading starts 2' from the perimeter edge
SCOPE

- A non-destructive procedure to test for the presence of moisture in roof system assemblies.

- Subsequence destructive core sampling and laboratory testing performed to determine moisture content by weight and calibrate the Impedance Readings.

- The moisture grid measurements may vary slightly along the building edges and should not be used to determine the exact dimensions of the roof area.

- Moisture contents over 5% in the roofing membrane, and over 8% in the insulation are considered not suitable to roof over, per the Florida Building Code, Section 1521.12.

- This test has been conducted in accordance with TAS-126 of the test protocols for the High velocity Hurricane Zone of the 2014 Florida Building Code.

CONCLUSION

Unacceptable levels of moisture were found in approximately one hundred (100) Sqft. of roof area. The moisture was found in the EPS Board and will need to be removed before a new roof can be installed.

APPROVED LABORATORY ENGINEER

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