

Roof Assessment and Proposed Solution



Bahamian club - New Smyrna Beach, FL

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Thank You for Considering CentiMark

www.CentiMark.com



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Prepared For:

Customer Information

Bahamian club
4150 S Atlantic Ave Ofc
New Smyrna Beach, FL 32169-3718
Attn: Bahamian Club Board
Email: dilulloinc@comcast.net

Prepared By:

Project Manager

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Please visit us at www.centimark.com

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[See what makes CentiMark different](#)

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04/17/2024

Bahamian Club Board
Bahamian club
4150 S Atlantic Ave Ofc
New Smyrna Beach, FL 32169-3718

Dear Bahamian Club Board,

I would like to take this opportunity to introduce you to **CentiMark**. As a full service contractor, we can help you address all of your roofing concerns.

We at **CentiMark** specialize in reroofing commercial, industrial and public buildings. With over 50 years experience, we are sensitive to the needs of manufacturing, retailing and the service markets. Many hotels, hospitals, chemical plants, paper mills, retail stores, and others are under the **CentiMark** roof assemblies. We understand the need to maintain production, safeguard stock, protect employees and guests and most important, address safety issues associated with reroof projects.

In addition to being the largest national roofing contractor, **CentiMark** can offer the financial stability it takes to stand behind its SINGLE SOURCE warranties. With over fifty local offices, we are ready to serve even your smallest needs. We have the capability, for multiple building owners, to provide each client with a planned program; this includes budgets, scope of work and recommendations for prioritizing over a multi-year plan. One of our financial strengths is being able to arrange payment plans to meet the needs of multiple building owners. As a **CentiMark** customer, you will receive a toll-free hotline number available seven (7) days a week, twenty-four (24) hours a day for your service needs.

CentiMark is a customer-oriented contractor. We offer many roofing systems and products to solve even the most difficult roofing problems. We are also available on a consultation basis as well as offering preventative maintenance programs to prolong the life of your existing roof. Additionally, **CentiMark's** flooring division is ready to provide protective coatings, floor resurfacing and other various repair materials to maintain the inside of your building.

With these advantages, we are pleased to offer you a risk proof system designed to meet the specific requirements for your building.

Sincerely,

Andrew Merritt

Senior Project Manager

◀◀◀ Drawing ▶▶▶

Area: Drawing



◀◀◀ Overview Pictures ▶▶▶

Area: Overview



Area: Overview



Area: Overview



Area: Overview



Area: Overview



Area: Overview



Area: Overview



Area: Overview



Area: Overview



Area: Overview



Area: Overview



Area: Overview



Area: Overview



Area: Overview



Defect Pictures

Area: Defects

Caption: (All) Penetration - Not Properly Flashed Wrong Detail

Description

Accessories-(All) Penetration - Not Properly Flashed Wrong Detail

Cause

Installer used the wrong flashing detail for roof system installed.

Impact

This condition can allow moisture entry into the building and roof system, causing damage to the building contents, and deterioration of the insulation, decking and the roof system.

Solution

Remove existing flashing and components and reflash and/or seal with compatible materials and details.



Area: Defects

Caption: (BUR/Mod-Bit) "Exposed" Felts



Description

Field of the roof-(BUR/Mod-Bit) "Exposed" Felts

Cause

All smooth BUR systems require a coating to retard ultra violet degradation. If this is not performed on a regular basis, the asphalt flood coat will break down and allow for moisture infiltration.

Impact

Exposed felts will degrade from ultra violet exposure and absorb moisture, which may cause separation of plies premature failure of the roof system.

Solution

Perform moisture survey to determine appropriate restoration.

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Construction Specification

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Specifications For CentiMark TPO Mechanically Fastened System

Surface Preparation:

Perform a pre-job meeting to determine jobsite logistics and safety requirements.

Furnish proposed construction schedule, if needed.

Safety Related

Furnish and install proper safety equipment in accordance with Centimark's written safety program.

Store roofing materials in accordance with good roofing practices. Material placement will be to distribute weight loads throughout the entire roof area.

Furnish and install warning lines to identified areas associated with ground related roofing activities.

Core cuts will be performed to identify potential areas of wet insulation.

Vacuum gravel off of the roof surface

Wet Insulation/Roof Components will be replaced at a per unit cost of \$6.50 per sq ft

Removal of existing roof will be limited to an amount that can be replaced the same day.

Identify and remove structural deck not capable of providing an acceptable substrate for the installation of the new roof. Furnish and install new deck at a unit cost of \$8.50 (Plywood Decking-Office Only) per square foot. Areas of removal will be approved by an Owner's representative.

Remove roof top equipment as designated by Owner. Furnish and install deck material and rigid insulation to replace void left by equipment removed.

Remove all pitch pans as needed to replace with new pitch pans

Insulation Attachment:

Mechanically fasten a 1" ISO board over top of the prepared asphalt and gravel surface

System Application:

Furnish and install **CentiMark** 60 mil reinforced, TPO roof membrane.

Position the TPO membrane over the prepared substrate and allow the membrane sufficient time to "relax" prior to installation.

Install the new TPO membrane over the prepared surface by utilizing mechanical fasteners on 10 foot centers.

Mechanical attachment of the membrane shall be done utilizing a 1" wide polymer batten bar or 2 3/8" round seam plates and FM Global (FM) approved fasteners. Maximum spacing 6" on center.

The thermoplastic membrane seams will be overlapped a minimum of 5", then hot air welded together. Weld width shall be a minimum of 1.5" in width for automatic machine welding. Weld width shall be 2" in width for hand welding. Upon completion of welding, each seam shall be probed to ensure proper securement. 🗨️

HVAC, Curbed Penetrations and Other Air Handling Unit Details

Furnish and install at the base of the unit 2 3/8" round seam plates to the field membrane. Adhere a second piece of thermoplastic membrane to the curb with bonding adhesive and install prefabricated universal corners for reinforcement.

Parapet Wall Detail

New Drip Edge will be installed in order to terminate new membrane

Pipes Less Than 6" In Diameter

Furnish and install new prefabricated thermoplastic pipe boot secured at the top with a stainless steel screw type clamp adhered to the field sheet. 🗨️

Stacks Greater Than 6" In Diameter

Furnish and install a 60 mil, non-reinforced thermoplastic flashing, where applicable.

Miscellaneous Projections

Furnish and install thermoplastic flashings to the roof projections. Upon completion of welding, each seam shall be probed to ensure proper securement. 🗨️ 🗨️

Furnish and install new white 24 gauge TPO coated metal pitch pan(s) and/or ChemCurb(s).

New pitch pan(s) and/or ChemCurb(s) shall be installed utilizing mechanical fasteners and/or adhesives and topped with sealant.

Furnish and install TPO uncured flashing to meet the dimensions of the pitch pan(s).

Sheet Metal Accessories:

Furnish and install new 24 gauge white thermoplastic coated metal gravel stop/drip edge with continuous cleat. 🗨️

Standard Operating Procedures:

Employee Professionalism

All work shall be performed in a safe, professional manner in compliance with Centimark policy.

Core samples of suspect existing roof systems will be taken to an independent laboratory for the testing of asbestos content (ACRM). **CentiMark** can provide removal of ACRM for an additional investment.

Permits

CentiMark Will supply the necessary permits for the project.

During permitting, the Building Department may require the services of a certified professional. Any fees related to obtaining permit approval are not included in CentiMark's proposal.

If the permit is purchased separately from the roof contract, **CentiMark** can submit all required documentation to secure the permit on the owner's behalf.

Nightly Tie-In's

Depending on new roof system being installed, temporary water cut-offs are to be constructed at the end of each working day to protect the newly installed roof system and building interior.

Clean Up

All work premises will be cleaned daily during the construction process and at the completion of the project.

Job Acceptance and Punch List

Conduct a post job walk through for final sign-off of our job completion form.

Warranty

Upon purchase of the roofing system, you become entitled to receive the benefits of single source responsibility through **CentiMark's** comprehensive written warranty. This warranty protects your roof against defects in materials or workmanship. If your roof leaks at any time during the warranty period, we will provide complete warranty service.

Quote Name	Section Name	Length
All Quotes.	All Sections.	20

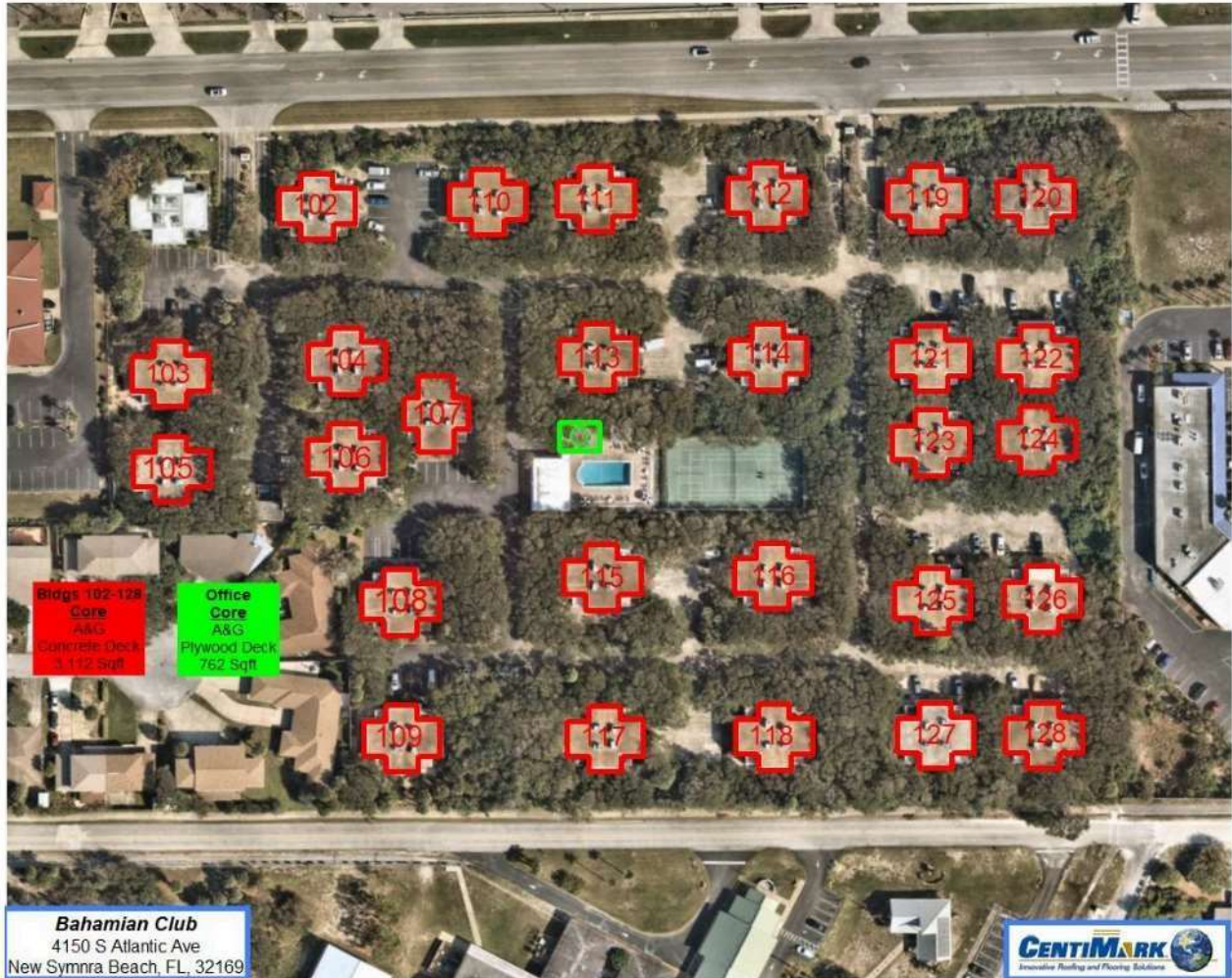
Exclusions

CentiMark Corporation disclaims any and all responsibility for pre-existing conditions including, but not limited to: structural damage or deficiencies, clogged drains, mold growth, excessive standing water, removal of hazardous material or other hidden deficiencies such as; damaged or leaking skylights, HVAC units/conduits, electrical or gas lines. This proposal does not cover, and in no case shall CentiMark be liable for, the removal of, or damage to, HVAC units/conduits, gas lines, water lines, electric lines, or conduits, whether located above, below, or in the roof system, lightning protection systems, landscaping, communication cable, communication devices, or other devices, including recalibration of satellites. It is the building owner's financial obligation to provide corrective measures.

Please know that CentiMark Corporation is not an architect, engineering or design professional, and consequently assumes no responsibility for any such services. The proposed scope of work has been submitted upon your specific request. Unless otherwise noted specifically in the proposed scope of work, you acknowledge that the following options are not included in the contract price, including: safety accessories; increased insulation; or enhanced roof draining upgrades such as added drains, emergency overflow scuppers, sloped/tapered insulation or larger gutters and downspouts. Please let us know if you would like to review or include any of these options.

◀◀◀ Drawing ▶▶▶

Area: Drawing



◀◀◀ Executive Proposal Summary ▶▶▶

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Quote	Sq Ft.	Section	System	Warranty*	Price
Buildings 102-128/Office		See drawing	TPO Fastened	20 years	\$1,398,396
* Roof system warranties protect your roof against defects in materials or workmanship for the specified period as outlined in the CentiMark Non-Prorated Limited Roof Warranty or the manufacturer's warranty.					



6-5-24

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CentiMark Project Manager Signature

Date

Standard terms: One-third (1/3) of the contract price due at the job start and the balance due net thirty (30) upon job completion, unless otherwise agreed to in the contract document. Projects greater than \$250,000 may be subject to progress payments. (Special terms are available upon request)

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This quote does not include any supplemental deck attachment as may be required by Factory Mutual Global (FM). Please note that should FM and/or you require such deck attachment, additional costs will be estimated and added as a separate item to the overall cost of this project.

Valid from 04/17/2024