Town of Surfside
9293 Harding Avenue
Surfside, FL 33154

Permit NO. 2021-000211-BC
Permit Type: Building (Commercial)
Work Classification: Roof
Permit Status: Issued

Issue Date: 05/17/2021
Expiration: 11/15/2021

Location Address
8777 COLLINS AVE, SURFSIDE, FL 33154

Parcel Number
1422350250001

Contacts
CHAMPLAIN TOWERS SOUTH CONDO
Owner
CAMPANY ROOF MAINTENANCE
ROOFING DIVISION LLC
917 28 ST, WEST PALM BEACH, FL 33407
Applicant

Description: Roof repair

Valuation: $1,136,017.90
Total Sq Feet: 0.00

Inspection Requests:
(305) 861-4863

Fees Amount
Building Permit Fee $26,208.41
DBPR $393.13
DCA $262.08
Miami-Dade Code Compliance $682.20
Total: $27,545.82

Payments Amt Paid
Total Fees $27,545.82
Check # 32953 $27,545.82

Amount Due: $0.00

Special Notes and Comments:
ALL DUMPSTERS (ROLL OFF CONTAINERS) MUST BE OBTAINED FROM SUN RECYCLING AS PER TOWN RESOLUTION 1-5-2333 ADOPTED NOVEMBER 10, 2015. EFFECTIVELY IMMEDIATELY ALL JOB SITES USING A SERVICE OTHER THAN SUN RECYCLING WILL BE CITED.
SUN RECYCLING
JOHN CASAGRANDE 1-800-269-0073

Sub-Permits: Yes
Acres: 0

May 17, 2021
May 17, 2021

Issued By
Authorized Signature

Date

Page 1 of 1
**BUILDING PERMIT APPLICATION**

**2020 FLORIDA BUILDING CODE IN EFFECT**

**PERMIT TYPE:** (Check one)  
☐ Structural  ☐ Mechanical  ☐ Electrical  ☐ Plumbing  ☐ Other  ☑ Roof

**JOB ADDRESS:** 8777 Collins Ave. Surfside, FL 33154-3402

**OWNER'S NAME:** Champlain Towers South Condominium Association, Inc.

**OWNER'S ADDRESS:** 8777 Collins Ave.

**CITY:** Surfside  
**PHONE:** #305-865-4740  
**FAX #**

**FEE SIMPLE TITLE HOLDER'S NAME:**  
**ADDRESS:**

**CONTACT PERSON:** Jenny Wood  
**PHONE:** #561-863-6550

**EMAIL ADDRESS:** Permitting@campanyroofing.com

**CONTRACTOR:** Campany Roof Maintenance Roofing Division, LLC

**MAIL ADDRESS:** 917 28th Street

**CITY:** West Palm Beach  
**STATE:** FL  
**ZIP CODE:** 33407

**PHONE #** 561-863-6550  
**FAX #** 561-863-1722  
**EMAIL:** Permitting@campanyroofing.com

**CERT COMPETENCY:**  
**STATE REGISTRATION:** CCC 1330613

**LOT**  
**BLOCK**  
**PRESENT USE:** Condo  
**PROPOSED USE:** Condo

**FOLIO NUMBER:** 14-2235-025-0001  
**SUBDIVISION:** Champlain Towers South Condo

**NO. OF STORIES:** 10  
**OFFICES:**  
**FAMILIES:**  
**BEDROOMS:**  
**BATHS:**

**TYPE OF WORK:**  
ADD ☐  NEW ☐  ALTER ☐  REPAIR ☐  REPLACE ☑  OTHER ☐

**VALUE OF WORK:** (Total all Trades): $1,136,017.90

**SQ. FT:** (TOTAL) 5800

**LINEAR FEET**

**DESCRIBE WORK:**  
Re-Roof: Remove existing roof down to concrete deck. Prime concrete. Install 2 plies Durapax Asphalt Type IV glass AG-2400 with hot asphalt. Install 1 ply 2" insulation w/ hot asphalt. Install 1 ply 1/2" Fiberboard w/ hot asphalt. Install 1 ply Durapax glass base sheet w/ hot asphalt. Install 2 plies Durapax Tar Organic Felt Sheet w/ hot coal tar pitch. Install 1 ply Durapax Glass Fiber base sheet w/ hot coal tar pitch. Flood entire roof w/ hot coal tar pitch and gravel.

**ARCHITECT/ENGINEER'S NAME**  
Frank P. Morabito, PE SI

**ADDRESS:** 206 Via Condado Way Palm Beach Gardens, FL 33418

**PHONE#** 561-316-7660  
**EMAIL** Frank@morabitoconsultants.com

**MORTGAGE LENDER NAME:**
MORTGAGE LENDER'S ADDRESS:

Application is hereby made to obtain a permit to do the work and installations as indicated. I certify that no work or installation has been effected prior to the issuance of said permit and that all work be performed to meet the standards of all laws regulating construction in DADE COUNTY and the TOWN OF SURFSIDE whether specified in this application and accompanying plans or not. I understand that a separate permit must be secured for ELECTRICAL, PLUMBING, WELLS, POOLS, FURNACES, BOILERS, HEATERS, TANKS, AIR CONDITIONERS, etc. The information provided herein by the Applicant is not evaluated for issuance of a Certificate of Use. The City reserves the right to deny or condition any proposed use of the property pursuant to provisions of the City's Code of Ordinances.

Initial this Page: 

OWNER'S AFFIDAVIT: I certify that all information provided is accurate, and that all work will be performed in compliance with all applicable laws regulating construction and zoning. No work has been commenced prior to the issuance of the permit applied with this application, and all work will be done as indicated in the Application and all accompanying document and plans.

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of the county, and there may be additional permits required from other governmental entities such as water management districts, state or federal agencies.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BERecorded and posted on the job site before the first inspection. If you intend to obtain financing, consult your lender or an attorney before commencing work or recording a notice of commencement.

CONTRACTOR: Edward Company
(Print Name): 

SIGNATURE: Edward Company

STATE OF FLORIDA
COUNTY OF Palm Beach

Sworn to (or affirmed) and subscribed before me this 30th day of March, 2021
by Edward Company

NOTARY: DANIELLE M. CONTI
Commission # G5 961777
Expires February 24, 2024
Bonded thru Budget Notary Services

OWNER: Jean Wodnicki as President, Champlain Towers South Condominium Association
(Print Name):

SIGNATURE:

STATE OF FLORIDA
COUNTY OF Miami Dade

Sworn to (or affirmed) and subscribed before me this 1st day of March, 2021
by Jean Wodnicki as President, Champlain Towers South Condominium Association

NOTARY: Scott F. Stewart
Commission # GG157454
Expires: November 6, 2021
Bonded thru Aaron Notary

Personally known
OR Produced Identification
Type of Identification Produced

The Permit is not valid until signed by an authorized representative of the TOWN OF SURFSIDE BUILDING DEPT. and all fees are paid.

ACCEPTED BY

AUTHORIZED BY
March 3rd, 2021

To: Town of Surfside, Building Permit Department

Re: Unit: Association Property, 8777 Collins Ave. Surfside, FL 33154
Folio: 14-2235-025-0001

To whom it may concern,

Champlain Towers South located at 8777 Collins Avenue, Surfside, FL. Does hereby state on behalf of the Board of Directors that Campany Roof Maintenance Roofing Division has been granted permission to perform work in the building on the above referenced to repair the roof. All work must be done in accordance with Town of Surfside ordinances.

The Association permits non-emergency work during the hours of 8:30 am to 4:30 pm, Monday to Friday. No work is allowed on weekends.

It is prohibited to use the building trash room or trash shoot to dispose of trash generated by the work. All demolition materials, trash, or leftover materials must be removed from the building by the contractor.

Any debris in the hallways and elevators must be cleaned up.

The contractor must register with the Front Desk upon arrival and must only use the service elevator.

Upon completion of any permitted work, the contractor must provide the building manager’s office with a copy of the final permit signed by the City.

Sincerely
As agent for and on behalf of the Board of Directors,

Scott Stewart, CAM, CNCA©
Association Manager
Champlain Towers South
Manager@ChamplainSouth.Org
Notice to Permit Applicants:

1. Applications requiring structural review will be forwarded to a Professional Engineer/Miami-Dade Structural Plans Examiner. The engineer fee is $100 per hour and the fee will be due and payable at the time of permit issuance. This is applicable to the structural portion of the review only.

2. If the work exceeds $2500 (or heating/air conditioning repair/replacement of $7500 or more) a certified copy of the recorded Notice of Commencement must be filed with the Building Department. Receipt of the notice will not affect the issuance of the permit but inspections may not be performed until and unless a certified copy of the recorded notice has been provided.

For additional information regarding the Notice of Commencement, please see Florida Statutes Chapter 713 Part One.

Name of Permit Applicant (owner or contractor)

[Signature]

Signature of Permit Applicant

[Signature]

Date

[Date]
Sec. 14-30. BOND REQUIRED OF PERMIT APPLICANTS.

Prior to the issuance of any permit provided in this article, a cash or surety bond shall be deposited by the applicant for a permit with the town clerk as a guarantee that all town property damaged by the applicant or any contractor, materials suppliers or subcontractors under his supervision will be repaired to its original condition, and that the premises will be properly cleaned up and left in a sightly condition after the work has been completed.

The town manager, at his sole discretion, may require or waive the requirement of such bond; provided, however, that the amount of such bond shall not exceed five percent of the cost of the construction or demolition except that on work under $10,000.00 in cost, a bond of up to $500.00 may be required.

On application, any cash bond shall be refunded, or surety bond returned, when final inspection by the building inspector certifies that the conditions of the bond have been complied with; otherwise, as much of the principal amount of the bond as may be necessary shall be retained by the town and used to defray the expenses of cleaning up the premises or for repairs to damaged town property, which shall be done by the town.

In any event, if application for refund of a cash bond is not made within six months of the date of the final building inspection, the bond will be forfeited to the town. (Code 1960, § 6-7)

EDITED BY THE BUILDING OFFICIAL FOR CLARIFICATION

Bonds are required for the following types of projects:

- Roofing
- Driveways
- Concrete restoration
- Additions
- Remodeling
- Alterations
- Demolitions
- As deemed required by the Building Official
Note:
The following comments are based on a review conducted to the extent that the information on the plans allow. More
comments may arise after these comments have been addressed.

Comments:

1. All corrections to be done on originals no ink corrections accepted. Cloud and date all corrections and make
reference.

2. Provide list of response to comments. (Answer Sheet) showing location of each correction (sheet number).

③ INCOMPLETE SET OF PLANS (SHEETS NOT AS PER DRAWING LIST)
④ PLEASE PROVIDE A SCOPE OF WORK, INCLUDE LEVEL OF ALTERATION &
SHOW CURRENT FLORIDA BUILDING CODE.
⑤ STRUCTURE TO REVIEW & APPROVE PRIOR TO BUILDING APPROVAL.
⑥ FURTHER COMMENTS MAY FOLLOW UPON RESUBMITAL OF REQUIRED AND/OR
MISSING INFORMATION.
⑦ IF ANY ROOFING WORK IS INCLUDED IN THE SCOPE OF WORK, PLEASE
PROVIDE NOTE ON PLANS TO STATE THAT: "ROOFING WORK SHALL BE
UNDER A SUB-PERMIT".

6/4/21

SUBMITTAL NOT CLEAR NEED TO COMPLETE PROPERLY PERMIT
APPLICATION - SUBMIT U.I. LISTING AND ALL OTHER REQUIRED
DOCUMENTS (ASSOCIATION LETTER) ?

Note:
This review has been conducted to the extend that the information on the plans allow. Further comments may follow.
Scope of Work of Coal Tar Replacement:

1. Remove existing roof system(s) to concrete deck and dispose of all the roof-related debris.
2. Prime the existing concrete deck with Durapax asphalt primer.
3. Demolish the existing stucco. Cut up and remove substrate 10" above roof deck surface. Properly dispose of the debris.
4. Install two (2) layers of Durapax Asphalt Type IV Glass AG-2400 applied in hot asphalt as Vapor Retarder underlayment to the existing concrete deck. Turned the 2 plies 4-1/2" up the vertical wall.
5. Install one (1) layer of 2" Polyisocyanurate Insulation with R-Value of 11.4 set in with hot asphalt.
6. Install one (1) layer of 1/2" High-Density Wood Fiberboard Insulation set in with hot asphalt.
7. Install one (1) layer of Durapax Glass Fiber Base Sheet set in with hot asphalt.
8. Install two (2) layers of Durapax Tar Organic Felt Sheet set in with hot coal tar pitch.
9. Install one (1) layer of Durapax Glass Fiber Base Sheet set in with hot coal tar pitch.
10. Install over entire roof surface flood coat with one (1) layer of hot coal tar pitch and embedded gravel while coal tar pitch hot.
11. Replace VTR 2.5# lead stack flashing with rodent covered and 26-gauge Stainless Steel 316-2B sheet metal roof jacks at existing locations.
13. All Wall detail to be terminate at 12" wall with two plies membrane set in hot asphalt and terminate at 12 inches height with termination bar with roofing cement and 4" membrane for the 15 year NDL. The main wall will be final terminate with surface mounted.
High Velocity Hurricane Zone Uniform Roofing Application Form for Miami-Dade County

Section A (General Information)

Master Permit Number: 21-211
Contractor's Name: Campany Roof Maintenance Roofing Division, LLC
Job Address: 8777 Collins Avenue, Surfside, FL 33154

ROOF CATEGORY

☑ Low Slope ☐ Mechanically Fastened Tile ☐ Mortar / Adhesive Set Tile
☐ Asphalthic Shingles ☐ Metal Panel/ Shingles ☐ Wood Shingles / Shakes

ROOF TYPE

☐ New Roof ☐ Repair ☐ Maintenance ☐ Reroofing ☐ Recovering

ROOF SYSTEM INFORMATION

Low Slope Roof Area (ft²) 1800
Steep Sloped Roof Area (ft²)
Total (ft²) 1800

Are there gas vents on the roof? ☐ Yes ☐ No If Yes what type? ☐ Natural ☐ LPX
Is there an existing roof top Solar System? ☐ Yes ☐ No If yes will it be reinstalled? ☐ Yes ☐ No

Section B (Roof Plan)

Sketch Roof Plan: Illustrate all levels and sections, roof drains, scuppers, overflow scuppers and overflow drains. Include dimensions of sections and levels, clearly identify dimensions of elevated pressure zones and location of parapets.

See Attached

TOWN OF SURFSIDE

APPROVED
 Permit No. 21-211
Address 8777 Collins Avenue

Planning & Zoning Board Date
Building Official Date 12/31
Chief Electrical Inspector Date
Chief Plumbing Inspector Date
Chief Mechanical Inspector Date
Structural Engineer Date
Public Works Director Date
INSTRUCTION PAGE

COMPLETE THE NECESSARY SECTIONS OF THE UNIFORM ROOFING PERMIT APPLICATION FORM AND ATTACH THE REQUIRED DOCUMENTS BELOW:

<table>
<thead>
<tr>
<th>Roof System</th>
<th>Required Sections of the Permit Application Form</th>
<th>Attachments Required See List Below</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Slope Application</td>
<td>A,B,C</td>
<td>1,2,3,4,5,6,7</td>
</tr>
<tr>
<td>Asphalitic Shingles</td>
<td>A,B,D</td>
<td>1,2,4,5,6,7</td>
</tr>
<tr>
<td>Concrete or Clay Tile</td>
<td>A,B,D,E</td>
<td>1,2,3,4,5,6,7</td>
</tr>
<tr>
<td>Metal Roofs</td>
<td>A,B,D</td>
<td>1,2,3,4,5,6,7</td>
</tr>
<tr>
<td>Wood Shingles and Shakes</td>
<td>A,B,D</td>
<td>1,2,4,5,6,7</td>
</tr>
<tr>
<td>Other</td>
<td>As Applicable</td>
<td>1,2,3,4,5,6,7</td>
</tr>
</tbody>
</table>

ATTACHMENTS REQUIRED:

1. Fire Directory Listing Page
2. From Product Approval:
   - Front Page
   - Specific System Description
   - Specific System Limitations
   - General Limitations
   - Applicable Detail Drawings
3. Design calculations per Chapter 16, or if applicable, RAS 127 or RAS 128
4. Other Component Product Approval
5. Municipal Permit Application
6. Owner's Notification for Roofing Considerations (Reroofing Only)
7. Any Required Roof Testing / Calculation Documentation
High Velocity Hurricane Zone Uniform Roofing Application Form for Miami-Dade County

Section C (Low Sloped Roof Systems)

Fill in Specific Roof Assembly Components and Identify manufacturer (If a component is not used, identify as “NA”)

System Manufacturer: Durapax

Product Approval #: 19-1125.02

Design Wind Pressures, from RAS 128 or Calculations:

Zone 1: 86.07 Zone 1: 86.07 Zone 2: 141.40

Zone 3: 196.74

Max. Design Pressure, from the specific product approval system: -492.5

Deck

Type: Concrete

Gauge / Thickness: 0:12

Anchor/ Base Sheet & No. of Ply(s): Durapax AG-2400 (2) Ply

Anchor/ Base Sheet Fastener/ Bonding Material: Hot Asphalt

Insulation Base Layer: 2" Polyiso Insulation

Base Insulation Size and Thickness: 4X4 / 2"

Base Insulation Fastener/ Bonding Material: Hot Asphalt

Top Insulation Layer: 1/2" DensDeck

Top Insulation Size and Thickness: 4X4 / 1/2"

Top Insulation Fastener/Bonding Material: Hot Asphalt

Base Sheet(s) & No. of Ply(s): Glass Fiber Base Sheet (1) Ply

Base Sheet Fastener/ Bonding Material: Hot Asphalt

Ply Sheet(s) and No. of Ply(s): Tar Organic Felt Sheet - (2) Ply

Ply Sheet Fastener/ Bonding Material: Hot Coal Tar Pitch

Top Ply: Fiber Base Sheet - (1) Ply

Top Ply Fastener/ Bonding Material: Hot Coal Tar Pitch

Surfacing: Gravel

Fastener Spacing for Anchor/Base Sheet Attachment:

Zone 1: N/A " oc @ Laps, # Rows N/A @ N/A " oc

Zone 1 N/A " oc @ Laps, # Rows N/A @ N/A " oc

Zone 2 N/A " oc @ Laps, # Rows N/A @ N/A " oc

Zone 3 N/A " oc @ Laps, # Rows N/A @ N/A " oc

Number of Fasteners Per Insulation Board

Zone 1: N/A Zone 1: N/A Zone 2: N/A Zone 3: N/A

Illustrated Components Noted and Details as Applicable:

Woodblocking, Gutter, Edge Termination, Stripping, Flashing, Continuous Cleave, Cant Strip, Base Flashing, Counter Flashing, Coping, Etc.

Indicate: Mean Roof Height, Parapet Height, Height Base Flashing, Component Material, Material Thickness, Fastener Type, Fastener Spacing or Submit Manufacturers Details that Comply with RAS 111 and Chapter 16.

- Flood Coat Hot Coal Tar & Gravel
  1 Ply - Durapax Glass Fiber Base Sheet
  2 Ply - Durapax Tar Organic Felt Sheet
  1 Ply - Durapax Glass Fiber Base Sheet
  1/2" DensDeck
  2 Ply - Glass AG-2400
  ASTM 41 Primer
High Velocity Hurricane Zone Uniform Roofing Application Form for Miami-Dade County

Section D (Steep Sloped Roof System)

Roof System Manufacturer: ________________________________

Product Control Number: ________________________________

Minimum Design Wind Pressures, From Applicable RAS 127 Table or Calculations:

Zone1: _____ Zone 2e: _____ Zone2n: _____ Zone 2r: _____ Zone 3e: _____ Zone 3r: _____

Slope Range: ○ ≥ 2:12 to ≤ 4:12  ○ > 4:12 to ≤ 6:12  ○ > 6:12 to ≤ 12:12

Roof Shape: ○ All Hip Roof  ○ Gable Roof or Partial Gable/Hip Roof

Deck Type: ____________________________________________

Underlayment Type: ____________________________________

Roof Slope: _____: 12

Insulation: ____________________________________________

Fire Barrier: __________________________________________

Ridge Ventilation? ____________________________________

Fastener Type & Spacing: ________________________________

Cap Sheet Type: _______________________________________

Cap Sheet Attachment: ________________________________

Mean Roof Height: ________________________________

Roof Covering: _______________________________________

Drip Edge Type & Size: ________________________________
SECTION 1524
HIGH VELOCITY HURRICANE ZONES—REQUIRED OWNERS NOTIFICATION FOR ROOFING CONSIDERATIONS

1524.1 Scope. As it pertains to this section, it is the responsibility of the roofing contractor to provide the owner with the required roofing permit, and to explain to the owner the content of this section. The provisions of Chapter 15 of the Florida Building Code, Building govern the minimum requirements and standards of the industry for roofing system installations. Additionally, the following items should be addressed as part of the agreement between the owner and the contractor. The owner's initial in the designated space indicates that the item has been explained.

1. Aesthetics-workmanship: The workmanship provisions of Chapter 15 (High Velocity Hurricane Zone) are for the purpose of providing that the roofing system meets the wind resistance and water intrusion performance standards. Aesthetics (appearance) are not a consideration with respect to workmanship provisions. Aesthetic issues such as color or architectural appearance, that are not part of a zoning code, should be addressed as part of the agreement between the owner and the contractor.

2. Renailing wood decks: When replacing roofing, the existing wood roof deck may have to be renailed in accordance with the current provisions of Chapter 16 (High Velocity Hurricane Zones) of the Florida Building Code. (The roof deck is usually concealed prior to removing the existing roof system).

3. Common roofs: Common roofs are those which have no visible delineation between neighboring units (i.e. townhouses, condominiums, etc.). In buildings with common roofs, the roofing contractor and/or owner should notify the occupants of adjacent units of roofing work to be performed.

4. Exposed ceilings: Exposed, open beam ceilings are where the underside of the roof decking can be viewed from below. The owner may wish to maintain the architectural appearance; therefore, roofing nail penetrations of the underside of the decking may not be acceptable. The owner provides the option of maintaining this appearance.

5. Ponding water: The current roof system and/or deck of the building may not drain well and may cause water to pond (accumulate) in low-lying areas of the roof. Ponding can be an indication of structural distress and may require the review of a professional structural engineer. Ponding may shorten the life expectancy and performance of the new roofing system. Ponding conditions may not be evident until the original roofing system is removed. Ponding conditions should be corrected.

6. Overflow scuppers (wall outlets): It is required that rainwater flow off so that the roof is not overloaded from a build up of water. Perimeter/edge walls or other roof extensions may block this discharge if overflow scuppers (wall outlets) are not provided. It may be necessary to install overflow scuppers in accordance with the requirements of: Chapter 15 and 16 herein and the Florida Building Code, Plumbing.

7. Ventilation: Most roof structures should have some ability to vent natural airflow through the interior of the structural assembly (the building itself). The existing amount of attic ventilation shall not be reduced. Exception: Attic spaces, designed by a Florida-licensed engineer or registered architect to eliminate the attic venting, shall not be required.

Owner's/Agent's Signature: [Signature] Date: 3/1/21
Contractor's Signature: Edward Company Permit Number: 21-211
Property Address: 8777 Collins Ave. Surfside
Section C (Low Sloped Roof Systems)

Fill in Specific Roof Assembly Components and Identify manufacturer
(If a component is not used, identify as “NA”)
System Manufacturer: Durapax
Product Approval #: 19-1125.02
Design Wind Pressures, from RAS 128 or Calculations:
Zone 1: 86.07, Zone 1: 86.07, Zone 2: 141.40
Zone 3: 196.74
Max. Design Pressure, from the specific product approval system: -492.5

Deck Type: Concrete
Gauge / Thickness:
Slope: 0:12

Anchor/ Base Sheet & No. of Ply(s): Durapax AG-2400 (2) Ply
Anchor/ Base Sheet Fastener/ Bonding Material: Hot Asphalt

Insulation Base Layer: 2" Polyiso Insulation
Base Insulation Size and Thickness: 4X4 / 2"
Base Insulation Fastener/ Bonding Material: Hot Asphalt

Top Insulation Layer: 1/2" DensDeck
Top Insulation Size and Thickness: 4X4 / 1/2"
Top Insulation Fastener/Bonding Material: Hot Asphalt

Base Sheet(s) & No. of Ply(s): Glass Fiber Base Sheet (1) Ply
Base Sheet Fastener/ Bonding Material: Hot Asphalt

Ply Sheet(s) and No. of Ply(s): Tar Organic Felt Sheet - (2) Ply
Ply Sheet Fastener/ Bonding Material: Hot Coal Tar Pitch

Top Ply: Fiber Base Sheet - (1) Ply

Top Ply Fastener/ Bonding Material:
Hot Coal Tar Pitch

Surfacing:
Gravel

Fastener Spacing for Anchor/Base Sheet Attachment:
Zone 1: N/A " oc @ Laps, # Rows N/A @ N/A " oc
Zone 1: N/A " oc @ Laps, # Rows N/A @ N/A " oc
Zone 2: N/A " oc @ Laps, # Rows N/A @ N/A " oc
Zone 3: N/A " oc @ Laps, # Rows N/A @ N/A " oc

Number of Fasteners Per Insulation Board
Zone 1: N/A Zone 1: N/A Zone 2: N/A Zone 3: N/A

Illustrated Components Noted and Details as Applicable:
Woodblocking, Gutter, Edge Termination, Stripping, Flashing, Continuous Cleat, Cant Strip, Base Flashing, Counter Flashing, Coping, Etc.

Indicate: Mean Roof Height, Parapet Height, Height Base Flashing, Component Material, Material Thickness, Fastener Type, Fastener Spacing or Submit Manufactures Details that Comply with RAS 111 and Chapter 16.

Flood Coat Hot Coal Tar & Gravel
1 Ply - Durapax Glass Fiber Base Sheet
2 Ply - Durapax Tar Organic Felt Sheet
1 Ply - Durapax Glass Fiber Base Sheet
1/2" DensDeck
1 Ply 2" Polyiso
2 Ply - Glass AG-2400
ASTM 41 Primer

150'
Mean Roof Height
14'
Parapet Height
SYSTEM TYPE:

INSULATION ADHERED WITH APPROVED ASPHALT OR COAL TAR PITCH; MEMBRANE FULLY ADHERED

SYSTEM DATA:

MANUFACTURER: DURAPAX LLC
NOA OR PRODUCT APPROVAL NUMBER: 19-1125.02
PAGE NUMBERS: PAGE 5
DECK MATERIAL: CONCRETE PER NOA
BASE INSULATION: 2" ENRGY 3 POLYISO
TOP INSULATION: MIN. 0.5" PER NOA
BASE SHEET: DURAPAX GLASS FIBER BASE SHEET PER NOA
PLY SHEET: NONE PER NOA
CAP SHEET: -492.50
DESIGN PRESSURE: (PSF) RE-ROOF

CONSTRUCTION TYPE:

ATTACHMENT: (ALL PRESSURE ZONES)

INSULATION: ADHERED PER NOA
BASE SHEET: ADHERED PER NOA
PLY SHEET: ADHERED PER NOA
SURFACING: PER NOA
CLIENT: CAMPAANY ROOFING
PROJECT NAME: CHAMPLAIN TOWERS
PROJECT ADDRESS: 8777 COLLINS AVENUE
SURFSIDE, FLORIDA 33154
PROJECT DATA:

HEIGHT: (FEET) 150.0
SLOPE: < 7 DEG. YES
CONT. PARIPET WALL:>=3' NO
ENCLOSURE CLASS: ENCLOED
RISK CATEGORY: II
REGION: HVHZ
DESIGN WIND SPEED: 175 MPH
EXPOSURE: D

VELOCITY PRESSURE: qz

Kzt = 1.00
Kd = 0.85

P1 = 86.07 PSF
P2 = 141.40 PSF
P3 = 196.74 PSF

PRESSURE COEFFICIENT:

Kz = 2.01[(HEIGHT/900)^(2/9.5)]

qz = 102.47
Dqz = 61.48

DESIGN CRITERIA:
FLORIDA BUILDING CODE
EDITION 2020
WIND DESIGN PER ASCE 7-10
NOTICE OF ACCEPTANCE (NOA)

Durapax LLC
400 Old Reading Pike, Suite 304
Pottstown, PA 19464

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Durapax Coal Tar Systems over Concrete.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMEN: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews and revises NOA No. 18-1212.12 and consists of pages 1 through 6.
The submitted documentation was reviewed by Jorge L. Acebo.
ROOFING SYSTEM APPROVAL

Category: Roofing
Sub-Category: Built-Up Roofing
Material: Fiberglass/Asphalt
Deck Type: Concrete
Maximum Design Pressure: -492.5 psf.

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

<table>
<thead>
<tr>
<th>Product</th>
<th>Dimensions</th>
<th>Test Specification</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Durapax Glass Fiber Base Sheet</td>
<td>324 sq. ft.</td>
<td>ASTM D4601 Type II</td>
<td>Asphalt coated, glass fiber mat for use as a base sheet in built-up roof systems</td>
</tr>
<tr>
<td>Durapax TC Glass Fiber Felt</td>
<td>540 sq. ft.; roll</td>
<td>ASTM D4990</td>
<td>Glass fiber coal tar coated ply sheet for use in conventional built-up roof systems.</td>
</tr>
<tr>
<td>Durapax Tarred Felt</td>
<td>432 sq. ft.; roll weight: 60 lbs.</td>
<td>ASTM D227</td>
<td>Organic fiber sheet saturated with coal tar for use in coal tar built-up roof systems.</td>
</tr>
<tr>
<td>Durapax Coal Tar Roofing Pitch</td>
<td></td>
<td>ASTM D450 Type I</td>
<td>Coal tar adhesive used in modified and conventional built-up roofing applications.</td>
</tr>
</tbody>
</table>

APPROVED INSULATIONS:

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Description</th>
<th>Manufacturer (With Current NOA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENRGY 3</td>
<td>Polysiocyanurate foam insulation</td>
<td>Johns Manville</td>
</tr>
<tr>
<td>Structodek® High Density Fiberboard</td>
<td>High density fiber board</td>
<td>Blue Ridge Fiberboard, Inc.</td>
</tr>
<tr>
<td>SECUROCK Gypsum-Fiber Roof Board</td>
<td>Gypsum coverboard</td>
<td>United States Gypsum Corporation</td>
</tr>
</tbody>
</table>

APPROVED FASTENERS:

<table>
<thead>
<tr>
<th>Fastener Number</th>
<th>Product</th>
<th>Descriptions</th>
<th>Dimensions</th>
<th>Manufacturer (With current NOA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

NOA No.: 19-1125.02
Expiration Date: 01/15/25
Approval Date: 02/06/20
Page 2 of 6
## EVIDENCE SUBMITTED:

<table>
<thead>
<tr>
<th>Test Agency</th>
<th>Test Identifier</th>
<th>Description</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>FM Approvals</td>
<td>3029063</td>
<td>Class 4470</td>
<td>5/22/07</td>
</tr>
<tr>
<td>Atlantic and Caribbean Roofing Consulting LLC</td>
<td>ACRC 07-067</td>
<td>TAS-114-D</td>
<td>11/12/07</td>
</tr>
<tr>
<td></td>
<td>ACRC 19-004</td>
<td>TAS-114-D</td>
<td>09/17/19</td>
</tr>
<tr>
<td></td>
<td>ACRC 19-005</td>
<td>TAS-114-D</td>
<td>09/17/19</td>
</tr>
<tr>
<td>PRI Construction Materials Technologies LLC</td>
<td>1257T0001</td>
<td>ASTM D450</td>
<td>12/04/19</td>
</tr>
<tr>
<td></td>
<td>1257T0002</td>
<td>ASTM D4990</td>
<td>12/06/19</td>
</tr>
<tr>
<td></td>
<td>1257T0004</td>
<td>ASTM D227</td>
<td>12/06/19</td>
</tr>
<tr>
<td></td>
<td>1257T0003</td>
<td>ASTM D4601</td>
<td>12/06/19</td>
</tr>
</tbody>
</table>

NOA No.: 19-1125.02
Expiration Date: 01/15/25
Approval Date: 02/06/20
Page 3 of 6
APPROVED ASSEMBLIES:

Membrane Type: BUR

Deck Type 3I: Concrete, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(1): All layers of insulation adhered with approved asphalt or coal tar pitch to primed deck. Roof membranes are subsequently fully adhered.

All General and System Limitations apply.

One or more layers of any of the following insulations:

<table>
<thead>
<tr>
<th>Insulation Fasteners</th>
<th>Fastener Density/ft²</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ENERGY 3</strong></td>
<td></td>
</tr>
<tr>
<td>Minimum 1.5” thick</td>
<td>N/A</td>
</tr>
<tr>
<td>Top Insulation Layer</td>
<td>Insulation Fasteners (Table 3)</td>
</tr>
<tr>
<td>Structodek® High Density Fiberboard</td>
<td>N/A</td>
</tr>
<tr>
<td>Minimum ½” thick</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Concrete deck shall be primed with ASTM D 41 asphalt primer and allowed to dry prior to application of base insulation. All insulation shall be adhered in full mopping of approved hot asphalt or coal tar pitch within the EVT range and at a rate of 20-40 lbs./100 ft². Please refer to Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer only shall be used only as base layers with a second layer of approved top layer insulation installed as the final membrane substrate. Composite insulation panels may be used as a top layer placed with the polyisocyanurate side facing down.

Base Sheet: Durapax Glass Fiber Base Sheet in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

Ply Sheet: Two or more plies of Durapax Tarred Felt or Durapax TC Glass Fiber adhered in a full mopping of hot Durapax Coal Tar Roofing Pitch applied at not less than 20 lbs./sq.

Cap Sheet: None

Surfacing: Flood Coat of hot Durapax Coal Tar Roofing Pitch at an application rate of 70 lbs./sq.; plus gravel or slag at application rates of 400 and 300 lbs./sq., respectively. Or Any approved coating listed for use with Coal Tar Roofing Pitch BUR in a current Miami-Dade NOA approval.

Maximum Design Pressure: -390 psf. (See General Limitation #9.)
Membrane Type: BUR

Deck Type 31: Concrete, Insulated

Deck Description: 2500 psi structural concrete or concrete plank

System Type A(2): All layers of insulation adhered with approved asphalt or coal tar pitch to primed
deck. Roof membranes are subsequently fully adhered.

All General and System Limitations apply.

One or more layers of any of the following insulations:

<table>
<thead>
<tr>
<th>Insulation Fasteners</th>
<th>Fastener Density/ft²</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENRGY 3</td>
<td>N/A</td>
</tr>
<tr>
<td>Minimum 1.5” thick</td>
<td></td>
</tr>
<tr>
<td>Top Insulation Layer</td>
<td>Insulation Fasteners (Table 3)</td>
</tr>
<tr>
<td>SECUROCK Gypsum-Fiber Roof Board</td>
<td>N/A</td>
</tr>
<tr>
<td>Minimum ½” thick</td>
<td></td>
</tr>
</tbody>
</table>

Concrete deck shall be primed with ASTM D 41 asphalt primer and allowed to dry prior to
application of base insulation. All insulation shall be adhered in full mopping of approved hot
asphalt or coal tar pitch within the EVT range and at a rate of 20-40 lbs./100 ft². Please refer to
Roofing Application Standard RAS 117 for insulation attachment. Insulation listed as base layer
only shall be used only as base layers with a second layer of approved top layer insulation installed
as the final membrane substrate. Composite insulation panels may be used as a top layer placed
with the polyisocyanurate side facing down.

Base Sheet: Durapax Glass Fiber Base Sheet in a full mopping of approved asphalt applied
within the EVT range and at a rate of 20-40 lbs./sq.

Ply Sheet: Two or more plies of Durapax Tarred Felt or Durapax TC Glass Fiber adhered in a
full mopping of hot Durapax Coal Tar Roofing Pitch applied at not less than 20
lbs./sq.

Cap Sheet: None

Surfacing: Flood Coat of hot Durapax Coal Tar Roofing Pitch at an application rate of 70
lbs./sq.; plus gravel or slag at application rates of 400 and 300 lbs./sq., respectively. Or
Any approved coating listed for use with Coal Tar Roofing Pitch BUR in a current
Miami-Dade NOA approval.

Maximum Design Pressure: -492.5 psf. (See General Limitation #9.)
CONCRETE SYSTEM LIMITATIONS:
1. If mechanical attachment to the structural deck through the lightweight insulating concrete is proposed, a field withdrawal resistance testing shall be performed to determine equivalent or enhanced fastener patterns and density. All testing and fastening design shall be in compliance with Testing Application Standard TAS 105 and Roofing Application Standard RAS 117, calculations shall be signed and sealed by a Florida Registered Engineer, Architect, or Registered Roof Consultant.

GENERAL LIMITATIONS:
1. Fire classification is not part of this acceptance, refer to a current Approved Roofing Materials Directory for fire ratings of this product.
2. Insulation may be installed in multiple layers. The first layer shall be attached in compliance with Product Control Approval guidelines. All other layers shall be adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq., or mechanically attached using the fastening pattern of the top layer
3. All standard panel sizes are acceptable for mechanical attachment. When applied in approved asphalt, panel size shall be 4' x 4' maximum.
4. An overlay and/or recovery board insulation panel is required on all applications over closed cell foam insulations when the base sheet is fully mopped. If no recovery board is used the base sheet shall be applied using spot mopping with approved asphalt, 12" diameter circles, 24" o.c.; or strip mopped 8" ribbons in three rows, one at each sidelp and one down the center of the sheet allowing a continuous area of ventilation. Encircling of the strips is not acceptable. A 6" break shall be placed every 12' in each ribbon to allow cross ventilation. Asphalt application of either system shall be at a minimum rate of 12 lbs./sq.
   Note: Spot attached systems shall be limited to a maximum design pressure of -45 psf.
5. Fastener spacing for insulation attachment is based on a Minimum Characteristic Force (F') value of 275 lbf., as tested in compliance with Testing Application Standard TAS 105. If the fastener value, as field-tested, are below 275 lbf. insulation attachment shall not be acceptable.
6. Fastener spacing for mechanical attachment of anchor/base sheet or membrane attachment is based on a minimum fastener resistance value in conjunction with the maximum design value listed within a specific system. Should the fastener resistance be less than that required, as determined by the Building Official, a revised fastener spacing, prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant may be submitted. Said revised fastener spacing shall utilize the withdrawal resistance value taken from Testing Application Standards TAS 105 and calculations in compliance with Roofing Application Standard RAS 117.
7. Perimeter and corner areas shall comply with the enhanced uplift pressure requirements of these areas. Fastener densities shall be increased for both insulation and base sheet as calculated in compliance with Roofing Application Standard RAS 117. Calculations prepared, signed and sealed by a Florida registered Professional Engineer, Registered Architect, or Registered Roof Consultant
   (When this limitation is specifically referred within this NOA, General Limitation #9 will not be applicable.)
8. All attachment and sizing of perimeter nailers, metal profile, and/or flashing termination designs shall conform with Roofing Application Standard RAS 111 and applicable wind load requirements.
9. The maximum designed pressure limitation listed shall be applicable to all roof pressure zones (i.e. field, perimeters, and corners). Neither rational analysis, nor extrapolation shall be permitted for enhanced fastening at enhanced pressure zones (i.e. perimeters, extended corners and corners).
   (When this limitation is specifically referred within this NOA, General Limitation #7 will not be applicable.)
10. All products listed herein shall have a quality assurance audit in accordance with the Florida Building Code and Rule 61G20-3 of the Florida Administrative Code.

END OF THIS ACCEPTANCE
TOWN OF SURFSIDE
9293 Harding Avenue
Surfside, FL 33154
(305) 861-4863
Fax: (305) 861-1302

NOTICE TO BUILDING DEPARTMENT
OF EMPLOYMENT AS SPECIAL INSPECTOR UNDER
THE FLORIDA BUILDING CODE

I (We) have been retained by Champlain Towers South Condominium Association, Inc. to perform special inspector services under the Florida Building Code at the 3877 Collins Avenue Surfside, Florida 33154 project on the below listed structures as of 03/28/2021 (date). I am a registered architect or professional engineer licensed in the State of Florida.

PROCESS NUMBERS: 21-211

☐ SPECIAL INSPECTOR FOR PILING, FBC 1822.1.20 (R4404.6.1.20)

☐ SPECIAL INSPECTOR FOR TRUSSES >35° LONG OR 6' HIGH 2319.17.2.4.2 (R4409.6.17.2.4.2)

☐ SPECIAL INSPECTOR FOR REINFORCED MASONRY, FBC 2122.4 (R4407.5.4)

☐ SPECIAL INSPECTOR FOR STEEL CONNECTIONS, FBC 2218.2 (R4408.5.2)

☑ SPECIAL INSPECTOR FOR NEW COLT-TAR PITCH ROOF, ISOLATED CONCRETE AND STUCCO REPAIRS, FBC 1927.12 (R4405.9.12)

☐ SPECIAL INSPECTOR FOR PRECAST UNITS & ATTACHMENTS, FBC 1927.12 (R4405.9.12)

Note: Only the marked boxes apply.

The following individual(s) employed by this firm or me are authorized representatives to perform inspection:

1. Henry Rand, PE
2. Jonathan Bain, EI
3. Steven J. Troxel
4. 

*Special Inspectors utilizing authorized representatives shall insure the authorized representative is qualified by education or licensure to perform the duties assigned by the Special Inspector. The qualifications shall include licensure as a professional engineer or architect; graduation from an engineering education program in civil or structural engineering; graduation from an architectural education program; successful completion of the NCEES Fundamentals Examination; or registration as building inspector or general contractor.

I, we) will notify the Town of Surfside Building Department of any changes regarding authorized personnel performing inspection services.

I, (we) understand that a Special Inspector inspection log for each building must be displayed in a convenient location on the site for reference by the Town of Surfside Building Department Inspector. All mandatory inspections, as required by the Florida Building Code, must be performed by the Town of Surfside. The Town of Surfside building inspections must be called for on all mandatory inspections. Inspections performed by the Special Inspector hired by the Owner are in addition to the mandatory inspections performed by the Department. Further, upon completion of the work under each Building Permit I will submit to the Building Inspector at the time of final inspection the completed inspection log form and a sealed statement indicating that, to the best of my knowledge, belief and professional judgment those portions of the project outlined above meet the intent of the Florida Building Code and are in substantial accordance with the approved plans.

Signed and Sealed

This item has been electronically signed and sealed by Frank Morabito, PE on the date adjacent to the seal using a SHA authentication code. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

2021.03.31 16:00:52-04'00'

Engineer/Architect

Name Frank P. Morabito, PE Ei

Address 206 Via Condado Way, Palm Beach Gardens, FL 33418

Phone No. 561-316-7660
AFFIDAVIT

STATE OF: FLORIDA

COUNTY OF: MIAMI-DADE

BEFORE ME, the undersigned authority personally appeared Jean Wodnicki, as President, of CHAMPLAIN TOWERS SOUTH CONDOMINIUM ASSOCIATION, who having been first duly sworn according to law, deposes and says:

That sufficient funds are being held in the treasury of the Condominium Association to pay for contracted amounts with Campany Roof Maintenance, LLC in the amount of One million one hundred thirty-six thousand seven dollars and ninety cents ($1,136,007.90) to cover the of work to be done in connection Phase IIb, Roof and safety anchor installation project.

FURTHER AFFIANT SAYETH NAUGHT.

CHAMPLAIN TOWERS SOUTH CONDOMINIUM ASSOCIATION

By: ___________________________ 03/18/2021

as President of Champlain Towers South

STATE OF: FLORIDA

COUNTY OF: MIAMI-DADE

SWORN TO AND SUBSCRIBED BEFORE ME THIS 10th DAY OF March 2021, BY Jean Wodnicki as President of Champlain Towers South Condominium Association, Inc. AND IS PERSONALY KNOWN BY ME.

[Signature]

Notary Public
To: Town of Surfside, Building Permit Department

Re: Champlain Towers South Condominium Association
8777 Collins Ave, Surfside, FL. 33154
Folio# 14-2235-025-0001

May 11th, 2021

To whom it may concern,

Champlain Towers South located at 8777 Collins Avenue, Surfside, FL does hereby state on behalf of the Board of Directors that Campany Roofing has been granted permission to perform work in the building to make roofing repairs to the common roof. All work must be done in accordance with Town of Surfside building code, rules, and ordinances. Covid 19 Protocols must be followed at all times while on Association property. It is required that mask be worn while in any public area of the building. All nonresidents must have temperature recorded at the front desk daily.

The Association permits nonemergency work during the hours of 8:30 am to 4:30 pm, Monday to Friday. No work is allowed on the weekends or published holidays.

It is prohibited to use the building trash room or trash shoot to dispose of trash generated by the work. All demolition materials, trash, or leftover materials must be removed from the building by contractor. Any debris in the hallways and elevators must be cleaned up.

The contractor must register with the Front Desk upon arrival and must use the service elevator only.

Upon completion of any permitted work, the contractor must provide the building manager’s office with a copy of the final permit signed by the City.

Sincerely,
As agent for and on behalf of the Board of Directors,

Scott Stewart, CAM, CMCA®
Association Manager
Champlain Tower South
Manager@ChamplainSouth.Org
### Property Information

<table>
<thead>
<tr>
<th>Property Information</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folio:</td>
<td>14-2235-025-0001</td>
</tr>
<tr>
<td>Property Address:</td>
<td></td>
</tr>
<tr>
<td>Owner</td>
<td>REFERENCE ONLY</td>
</tr>
<tr>
<td>Mailing Address:</td>
<td></td>
</tr>
<tr>
<td>PA Primary Zone:</td>
<td>3000 MULTI-FAMILY - GENERAL</td>
</tr>
<tr>
<td>Primary Land Use:</td>
<td>0000 REFERENCE FOLIO</td>
</tr>
<tr>
<td>Beds / Baths / Half</td>
<td>0 / 0 / 0</td>
</tr>
<tr>
<td>Floors</td>
<td>0</td>
</tr>
<tr>
<td>Living Units</td>
<td>0</td>
</tr>
<tr>
<td>Actual Area</td>
<td>0 Sq.Ft</td>
</tr>
<tr>
<td>Living Area</td>
<td>0 Sq.Ft</td>
</tr>
<tr>
<td>Adjusted Area</td>
<td>0 Sq.Ft</td>
</tr>
<tr>
<td>Lot Size</td>
<td>0 Sq.Ft</td>
</tr>
<tr>
<td>Year Built</td>
<td>0</td>
</tr>
</tbody>
</table>

### Assessment Information

<table>
<thead>
<tr>
<th>Year</th>
<th>2020</th>
<th>2019</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Value</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Building Value</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>XF Value</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Market Value</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Assessed Value</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
</tbody>
</table>

### Taxable Value Information

<table>
<thead>
<tr>
<th>Year</th>
<th>2020</th>
<th>2019</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exemption Value</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Taxable Value</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>School Board</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exemption Value</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Taxable Value</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>City</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exemption Value</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Taxable Value</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Regional</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exemption Value</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>Taxable Value</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
</tbody>
</table>

### Benefits Information

<table>
<thead>
<tr>
<th>Benefit</th>
<th>Type</th>
<th>2020</th>
<th>2019</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note: Not all benefits are applicable to all Taxable Values (i.e. County, School Board, City, Regional).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Short Legal Description

- CHAMPLAIN TOWERS SOUTH CONDO
- SECOND AMD PL OF NORMANDY BEACH
- PB 16-44
- ALL BLK 4 LESS COLLINS AVE
- & RIP RTS & PORT LYING EAST &

The Office of the Property Appraiser is continually editing and updating the tax roll. This website may not reflect the most current information on record. The Property Appraiser and Miami-Dade County assumes no liability, see full disclaimer and User Agreement at http://www.miamidade.gov/info/disclaimer.asp

Version:
2021 FLORIDA NOT FOR PROFIT CORPORATION ANNUAL REPORT

DOCUMENT# 758034

Entity Name: CHAMPLAIN TOWERS SOUTH CONDOMINIUM ASSOCIATION, INC.

Current Principal Place of Business:
8777 COLLINS AVE.
OFFICE
SURFSIDE, FL 33154

Current Mailing Address:
8777 COLLINS AVE.
OFFICE
SURFSIDE, FL 33154 US

FEI Number: 59-2147701

Certificate of Status Desired: Yes

Name and Address of Current Registered Agent:

BECKER & POLIAKOFF, P.A.
1 EAST BROWARD BLVD.
SUITE 1600
FT. LAUDERDALE, FL 33301 US

The above named entity submits this statement for the purpose of changing its registered office or registered agent, or both, in the State of Florida.

SIGNATURE: MICHAEL C. GONGORA 04/19/2021
Electronic Signature of Registered Agent

Officer/Director Detail:

<table>
<thead>
<tr>
<th>Title</th>
<th>VP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>LEVIN, NANCY</td>
</tr>
<tr>
<td>Address</td>
<td>8777 COLLINS AVE. OFFICE</td>
</tr>
<tr>
<td>City-State-Zip</td>
<td>SURFSIDE FL 33154</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>SECRETARY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>BRECKER, JOHN</td>
</tr>
<tr>
<td>Address</td>
<td>8777 COLLINS AVE. OFFICE</td>
</tr>
<tr>
<td>City-State-Zip</td>
<td>SURFSIDE FL 33154</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>DIRECTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>GOLDSTEIN, ANNETTE</td>
</tr>
<tr>
<td>Address</td>
<td>8777 COLLINS AVE. OFFICE</td>
</tr>
<tr>
<td>City-State-Zip</td>
<td>SURFSIDE FL 33154</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Title</th>
<th>DIRECTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name</td>
<td>GUERRERO, CARLA</td>
</tr>
<tr>
<td>Address</td>
<td>8777 COLLINS AVE. OFFICE</td>
</tr>
<tr>
<td>City-State-Zip</td>
<td>SURFSIDE FL 33154</td>
</tr>
</tbody>
</table>

I hereby certify that the information indicated on this report or supplemental report is true and accurate and that my electronic signature shall have the same legal effect as if made under oath; that I am an officer or director of the corporation or the receiver or trustee empowered to execute this report as required by Chapter 617, Florida Statutes, and that my name appears above, or on an attachment with all other like empowered.

SIGNATURE: MARA CHOUELA SEC 04/19/2021
Electronic Signature of Signing Officer/Director Detail
ROOFING SYSTEMS WITH HOT ROOFING COAL TAR PITCH.

Class A

1. Deck: C-15/32
   Incline: 1/2
   Base Sheet (Optional): "Durapax Glass Fiber Base Sheet", "Durapax Organic Base Sheet" or any Type G2 base sheet mechanically fastened.
   Insulation (Optional): Any UL Classified (except EPS), mechanically fastened or hot mopped, any thickness.
   Ply Sheet: Four layers Type 15 "Durapax Tarred Felt" hot mopped.
   Surfacing: Gravel, crushed stone or slag embedded in a flood coat "Durapax Type 1" coal tar pitch.

2. Deck: NC
   Incline: 1/2
   Insulation (Optional): Any UL Classified (except EPS), mechanically fastened or hot mopped, any thickness.
   Ply Sheet: Three layers Type 15 "Durapax Tarred Felt", Type G1 "Durapax TC Glass Fiber Felt", "Durapax TC Premium Glass Fiber Felt", or "Durapax Glass Fiber Base Sheet" hot mopped with coal tar bitumen.
   Surfacing: Gravel, crushed stone or slag embedded in a flood coat "Durapax Type 1" hot roofing coal tar pitch.

3. Deck: C-15/32
   Incline: 1/2
   Base Sheet (Optional): "Durapax Glass Fiber Base Sheet", "Durapax Organic Base Sheet" or any Type G2 base sheet mechanically fastened.
   Insulation (Optional): Any UL Classified (except EPS), mechanically fastened or hot mopped, any thickness.
   Ply Sheet: Three or more layers Type G1 "Durapax TC Glass Fiber Felt", "Durapax TC Premium Glass Fiber Felt" or "Durapax Glass Fiber Base Sheet", hot mopped with coal tar bitumen.
   Surfacing: Gravel.

4. Deck: C 15/32
   Incline: 3
   Base Sheet (Optional): "Durapax Glass Fiber Base Sheet", "Durapax Organic Base Sheet" or any Type G2 base sheet mechanically fastened.
   Ply Sheet: Four plies Type G1 "Durapax TC Glass Fiber Felt" or "Durapax TC Premium Glass Fiber Felt".
   Surfacing: Gravel, crushed stone or slag embedded in a flood coat of hot roofing coal tar pitch.

5. Deck: NC
   Incline: 3
   Base Sheet: Three layers Type G1 "Durapax TC Glass Fiber Felt", "Durapax TC Premium Glass Fiber Felt", or Type 15 "Coal Tar Saturated Felt".
   Surfacing: Gravel, crushed stone or slag embedded in a flood coat of hot roofing coal tar pitch.
The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2021 UL LLC"
TOWN OF SURFSIDE
9293 Harding Avenue
Surfside, FL 33154
(305) 861-4863
Fax: (305) 861-1302

NOTICE TO BUILDING DEPARTMENT
OF EMPLOYMENT AS SPECIAL INSPECTOR UNDER
THE FLORIDA BUILDING CODE

I (We) have been retained by Champlain Towers South Condominium Association, Inc. to perform special inspector services under the Florida Building Code at the 8777 Collins Avenue Surfside, Florida 33154 project on the below listed structures as of 03/28/2021 (date). I am a registered architect or professional engineer licensed in the State of Florida.

PROCESS NUMBERS:

☐ SPECIAL INSPECTOR FOR PILING, FBC 1822.1.20 (R4404.6.1.20)

☐ SPECIAL INSPECTOR FOR TRUSSES >35° LONG OR 6’ HIGH 2319.17.2.4.2 (R4409.6.17.2.4.2)

☐ SPECIAL INSPECTOR FOR REINFORCED MASONRY, FBC 2122.4 (R4407.5.4)

☐ SPECIAL INSPECTOR FOR STEEL CONNECTIONS, FBC 2218.5 (R4408.5.2)

☐ SPECIAL INSPECTOR FOR SOIL COMPACTON, FBC 1820.3.1 (R4404.4.3.1)

☐ SPECIAL INSPECTOR FOR PRECAST UNITS & ATTACHMENTS, FBC 1927.12 (R4405.9.12)

☒ SPECIAL INSPECTOR FOR New Cold-Tar Pitch Roof, Isolated Concrete and Stucco Repairs

Note: Only the marked boxes apply.

The following individual(s) employed by this firm or me are authorized representatives to perform inspection *

1. Henry Rand, PE
2. Jonathan Bain, EI
3. Steven J. Troxel
4. 

*Special Inspectors utilizing authorized representatives shall assure the authorized representative is qualified by education or licensure to perform the duties assigned by the Special Inspector. The qualifications shall include licensure as a professional engineer or architect; graduation from an engineering education program in civil or structural engineering; graduation from an architectural education program; successful completion of the NCEES Fundamentals Examination; or registration as building inspector or general contractor.

I, (we) will notify the Town of Surfside Building Department of any changes regarding authorized personnel performing inspection services.

I, (we) understand that a Special Inspector inspection log for each building must be displayed in a convenient location on the site for reference by the Town of Surfside Building Department Inspector. All mandatory inspections, as required by the Florida Building Code, must be performed by the Town of Surfside. The Town of Surfside building inspections must be called for on all mandatory inspections. Inspections performed by the Special Inspector hired by the Owner are in addition to the mandatory inspections performed by the Department. Further, upon completion of the work under each Building Permit 1 will submit to the Building Inspector at the time of final inspection the completed inspection log form and a sealed statement indicating that, to the best of my knowledge, belief and professional judgment those portions of the project outlined above meet the intent of the Florida Building Code and are in substantial accordance with the approved plans.

Signed and Sealed

This item has been electronically signed and sealed by Frank Morabito, PE SI on the date adjacent to the seal using a SHA 256 authentication code. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

2021.03.31 16:00:52-04'00'

Engineer/Architect

Name Frank P. Morabito, PE SI

Address 206 Via Condado Way, Palm Beach Gardens, FL 33418

Phone No. 561-316-7660
Roof Moisture Scan & Condition Analysis Report
July 30, 2020

Champlain Towers South Condominium Assoc.

Champlain Towers South Condominium
8777 Collins Avenue
Surfside, Florida

(All accessible low slope roof areas)
Champlain Towers S. Condo – 8777 Collins Avenue, Surfside, Florida
DATE - August 5, 2020

REPORT TO - Scott Stewart, CAM, CMCA
Champlain Towers South Condominium Association
8777 Collins Avenue
Surfside, Florida 33154

REPORT OF - Nondestructive radioisotopic roof moisture survey and condition analysis report. Includes gravimetric core sample work sheet.

LOCATION - Champlain Towers South Condominium – 8777 Collins Avenue, Surfside, Florida (All accessible low slope roof areas)

As requested by Champlain Towers South Condominium Association, Roof Surveys Inc. visited the above property location during the day of July 30th, 2020. The purpose of this site investigation was to perform a roof moisture survey and condition analysis procedure. Roof Surveys Inc. achieves this through the use of a nondestructive radioisotopic moisture survey. This moisture survey can be used as a tool to interpret the roof's overall moisture integrity, and as a leak source detection.

TEST PROCEDURE -

The investigation procedure employed a 10' X 10' grid monitoring system to record relative moisture concentration using a nondestructive radioisotopic moisture gauge. These moisture readings are recorded and displayed on the Graphic Interpretation Sheet(s) enclosed. The roof systems are physically marked with bright orange paint on ten-foot increments, both horizontally and vertically. These moisture readings represent the amount of subsurface hydrogen (moisture) present at the exact location of the reading.

The test procedure involves the utilization of a neutron generator (Troxler Moisture Gauge) with a radioactive source, which emits high-energy ("fast") neutrons aimed at the target area. From their collisions with the atoms in the insulating material, some neutrons are reflected back to the vicinity of the neutron gauge. Neutrons that hit hydrogen atoms are slowed, and counted by the instrument. The number of returning ("slow") neutrons indicates the amount of hydrogen atoms in the tested material. The number of hydrogen atoms, which constitute two-thirds of the atoms in water, becomes the index of the areas of moisture in the tested roofing system.
The results of the moisture test are confirmed utilizing alternative technologies. These include the use of a nondestructive Tramex gauge, which works on the principle of induction of an electrical current. Combined with the core sample gravimetrics we are capable of having a visual and scientific verification of the subsurface moisture conditions.

This detected subsurface moisture is shown as the blue shaded or crosshatched areas on the Graphic Interpretation Sheet contained within this report. All deficiencies identified during the inspection process are either photographed, or physically circled with bright orange paint, or both.

PHOTOGRAPHIC ANALYSIS -

A total of nineteen photographs were taken during the investigation of the roof systems. The location of the photographs is denoted by the purple colored numerals on the graphic sheets. These numerals correspond to the enclosed photographs and their respective descriptions. These photographs provide overviews of all roof areas, preventative maintenance details, and other areas of concern. Please thoroughly review these along with their locations.

GRAVIMETRIC PROCEDURE -

The gravimetric testing involves the procurement of roof membrane and insulation material samples from each building’s main roof systems. The locations of the samples are based upon the results of the previously described roof moisture testing. Samples were retrieved from the Troxler moisture gauge low, medium, medium high, and high numeric values. The samples for this testing were collected on July 30th, 2020, immediately upon the completion the moisture survey process.

The roof material samples were separated into insulation and membrane materials. They are immediately labeled and double bagged for transportation. At the lab the physical core samples are than weighed and placed into a low temperature oven for an extended period of time (see attached Gravimetric worksheet report). After the time in the oven the individual samples are than weighed again. The difference in the weight can then be used to represent the amount of water contained within the materials. The Florida building code (FBC) 2017 sets the allowable maximum limit of subsurface moisture within commercially manufactured rigid board insulation materials at 8%, and roof membranes at 5%.

ROOF SYSTEM DETAIL -

The building’s roof system appears to be constructed using a Coal Tar Pitch applied built-up membranes. The surface of these membranes are covered with an application of mineral aggregate, also embedded into coal tar pitch. The roof system is covering a combination of wood fiber and polystyrene insulation boards. The roof system and all associated equipment are supported by a concrete deck.
The perimeters of the roof system terminate against a concrete block parapet wall with anchored metal counter flashing and stucco detail. The building’s roof system was designed with marginal slope, attempting to direct collected surface water towards a series of centrally located interior drains. The building’s design also includes a series of emergency through wall scupper drains.

**This roof system information is for internal report purposes and should not be used for any repair specifications or guidelines. The descriptions and corresponding legends are based upon four core sample gravimetric procedures, visual identification, and professional interpretation.**

**GRAPHIC INTERPRETATION SHEET(S)**

The Graphic Interpretation Sheet(s) identifies the dimension of the building’s roof systems, and also documents the approximate location of any roof penetrations (flashed curbs, interior drains, HVAC stands, etc.). For the purpose of this particular project the building’s roof system is being depicted on one "Graphic Sheet". This individual graphic sheet contains all of the roof system detail, along with the location of any entrapped moisture. The separate roof areas and levels are identified and labeled on the sheets. The site plan combines the sections with their location within the complex (if applicable).

The moisture legend located on the right side of the graphic sheet indicates the hydrogen value as it relates to subsurface moisture at that exact location within the roof system. The legend is based upon the results of the gravimetric laboratory analysis of the roof insulation and membrane samples. The legend on this particular roof system indicates that all levels exceeding twenty-three (23) represents subsurface moisture within the roof system above the allowable 8%. All hydrogen levels exceeding twenty-nine (29) represents increased moisture levels within the roof system materials. As the hydrogen value continues to increase, so does the percentage amount of moisture that it represents.

**CONCLUSIONS**

Structurally the building is comprised of five separate roof areas. The combined tested low slope roof systems were measured at 26,486 square feet. As shown on our graphic sheet significant subsurface water was detected within the building’s roof systems. The detected water typically affects both the membranes and underlying insulation materials. The water intrusion will usually follow a path of least resistance, and may eventually enter into the interior of the buildings. Typically all water affected roof materials are completely removed and replaced with new compatible roof materials.

According to the Florida Building Code, High Velocity Hurricane Zone (HVHZ) not more than twenty-five percent of the total of any roof area, roof section of any existing building or structure shall be repaired, replaced, or recovered in any twelve month period. The code states that the roof system has to be completely removed and replaced.
Our roof moisture survey process has determined the following moisture intrusion totals/percentages for the buildings main roof system. Our totals were arrived at by squaring off the water affected roof areas, just as a contractor would in the removal process.

- **Roof Area 1** = 15,745 sq.ft.  
  Wet Materials = 2,499 sq.ft.  
  % = **15.87%**

- **Roof Area 2** = 1,410 sq.ft.  
  Wet Materials = 666 sq.ft.  
  % = **47.23%**

- **Roof Area 3** = 9,075 sq.ft.  
  Wet Materials = 1,047 sq.ft.  
  % = **11.54%**

- **Stair House** = 120 sq.ft.  
  Wet Materials = 00 sq.ft.  
  % = **00.00%**

- **Mech. Hs.** = 136 sq.ft.  
  Wet Materials = 00 sq.ft.  
  % = **00.00%**

The amount of water affected roof materials exceeds the twenty-five percent threshold within Roof Area 2. The remaining roof areas are below this threshold and can be maintained.

It should be understood that the data and samples collected, along with this written report prepared by Roof Surveys, Inc. are representative of the present roof condition. Roof Surveys, Inc. wishes to thank management for the opportunity to assist with their roofing needs. If Roof Surveys, Inc. can be of any further assistance please kindly advise.

Respectfully submitted,

**Roof Surveys, Inc.**

**David A. Smith**

*Director*
August 4th, 2020

File # 1571-20

Mr. David Smith  
Roof Surveys, Inc.  
750 East Sample Road, Building # 3 Suite # 227  
Pompano Beach, Florida 33064

Re: Gravimetric Core Analysis  
Champlain Towers South Condo  
8777 Collins Avenue  
Surfside, Florida 33154

Dear Mr. Smith,

As requested, A. Tomassi Roof Testing, Inc. has completed gravimetric testing on four (4) roof core samples delivered to our office. This report transmits the results of our laboratory tests.

We understand that these samples were obtained from the roof at 8777 Collins Avenue. The subject facility is located in Surfside, Florida 33154. Four (4) core samples were obtained consisting of Twelve (12) specimens. (see gravimetric worksheet)

The samples were delivered to our office in sealed plastic bags with notations on the bags identifying the samples. We have used those same notations in our report. The roof samples were then removed from the bags and weighed. The samples were then placed in an oven at 230°F for 24 hours, after which they were removed from the oven and weighed again. The percentage of moisture loss by weight was then computed.

The laboratory moisture content test results are given on the attached gravimetric work sheet. The gravimetric work sheet also indicates the core sample locations.

We appreciate the opportunity to be of service. If you have any questions, please call.

Sincerely,

Daniel Zeib  
General Manager & QA Supervisor

Dominick Scarfo  
(report review) AR0010248
Gravimetric Work Sheet

Project Address: Champlain Towers South Condo
8777 Collins Avenue, Surfside, Florida 33154

Date: 8-3-20  Sample In: 8:30 AM  Date: 8-4-20  Sample Out: 8:30 AM

Roof System Composition:

**MAIN ROOF**
- Gravel BUR (Coal Tar Pitch Bitumen)
- Wood Fiber Insulation
- Polyisocyanurate Insulation (ISO)

File # 1571-20

<table>
<thead>
<tr>
<th>Core Location</th>
<th>Reading</th>
<th>Sample Type</th>
<th>Wet Weight as Collected (gr.)</th>
<th>Dry Wt. after 24 hours (gr.)</th>
<th>Moisture Loss</th>
<th>% of Moisture by Wt. (gr.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cut #1</td>
<td>20</td>
<td>Gravel BUR</td>
<td>12.05</td>
<td>11.96</td>
<td>.09</td>
<td>.75%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Low Reading</td>
<td>Wood Fiber</td>
<td>6.40</td>
<td>6.30</td>
<td>.10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Iso</td>
<td>2.37</td>
<td>2.30</td>
<td>.07</td>
</tr>
<tr>
<td>Cut #2</td>
<td>25</td>
<td>Gravel BUR</td>
<td>17.07</td>
<td>16.88</td>
<td>.19</td>
<td>1.12%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Medium Reading</td>
<td>Wood Fiber</td>
<td>5.77</td>
<td>5.58</td>
<td>.19</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Iso</td>
<td>4.86</td>
<td>2.32</td>
<td>2.54</td>
</tr>
<tr>
<td>Cut #3</td>
<td>30</td>
<td>Gravel BUR</td>
<td>18.53</td>
<td>17.03</td>
<td>1.50</td>
<td>8.80%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Medium Reading</td>
<td>Wood Fiber</td>
<td>14.40</td>
<td>5.20</td>
<td>9.20</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Iso</td>
<td>4.02</td>
<td>2.07</td>
<td>1.95</td>
</tr>
<tr>
<td>Cut #4</td>
<td>35</td>
<td>Gravel BUR</td>
<td>11.64</td>
<td>10.11</td>
<td>1.53</td>
<td>15.13%</td>
</tr>
<tr>
<td></td>
<td></td>
<td>High Reading</td>
<td>Wood Fiber</td>
<td>15.72</td>
<td>5.93</td>
<td>9.79</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Iso</td>
<td>4.15</td>
<td>1.75</td>
<td>2.40</td>
</tr>
</tbody>
</table>

**MOISTURE PERCENTAGES ABOVE HIGHLIGHTED RED = HIGH MOISTURE**

**FLORIDA BUILDING CODE, MOISTURE ALLOWANCES:**
The Florida Building Code sets an allowable maximum limit of moisture in the roof system as 5% in the roof membrane, and 8% in the rigid board commercially manufactured insulation.

All roof samples delivered to our office by Mr. David Smith of Roof Surveys, Inc.

Reviewed by [Signature]
Core No. 1

Troxler moisture gauge indicates a subsurface hydrogen value of "20". Numeric value indicates amount of hydrogen encountered by device. Higher hydrogen values represent water in system.

Core No. 2

Troxler moisture gauge indicates a subsurface hydrogen value of "25". Numeric value indicates amount of hydrogen encountered by device. Higher hydrogen values represent water in system.
Core No. 3

Troxler moisture gauge indicates a subsurface hydrogen value of "30". Numeric value indicates amount of hydrogen encountered by device. Higher hydrogen values represent water in system.

Core No. 4

Troxler moisture gauge indicates a subsurface hydrogen value of "35". Numeric value indicates amount of hydrogen encountered by device. Higher hydrogen values represent water in system.
Champlain Towers S. Condominium
8777 Collins Avenue
Surfside, Florida

Core Sample Composition Sheet

Mineral Aggregate

Multiply built-up roof membranes
Wood fiber Insulation Boards
Polyisocyanurate Insulation
Concrete decking
5. Overview of roof (Roof 1) looking S. from NW. corner
6. Overview of roof (Roof 1) looking E. from NW. corner
7. Overview of roof (Roof 1) looking W. from NE. corner
8. Overview of roof (Roof 1) looking W. from E. side center