USAAFTTC - Returned to owner -- Jan. 19,1944.

USAAFTTC

Owner DEVON HOTEL | Mailing Address | Permit No. 12574 | Cost $ 30,000.00

Lot all Block K | Subdivision ATLANTIC HEIGHTS | Address ...6880 Byron Avenue

General Contractor Wilbert Harborn | Bond No. | 6881 Indian Creek Dr.

Architect Russell T. Pancoast | Engineer

Zoning Regulations: Use RE | Area | Lot Size

Building Size: Front 134' | Depth 35' | Height 22' | Stories 2

Certificate of Occupancy No. # 257 | Use HOTEL... 30 rooms...

Type of Construction C/B/S | Foundation Concrete & Piling | Roof Tile | Date June 9, 1939

Plumbing Contractor McCaughn...#12126..... 1... | Sewer Connection | Date June 15,1939

Temporary Closet 1,

METRO ORD. #75-34
RECERTIFICATION DATE- 1-2-80

Plumbing Contractor McCaughan...#12126 | Date

Water Closets 31 | Bath Tubs 29 | Floor Drains

Lavatories 31 | Showers 1, | Grease Traps

Urinals | Sinks 3, | Drinking Fountains 1,

Gas Stoves 1, | Gas Heaters 4, | Rough Approved T.J.Bell..... Date July 24, 1939

Gas Radiators | Gas Turn On Approved

Septic Tank Contractor | Tank Size | Date

$400::: Oil Burner Contractor #12800...Belcher Industries,Inc. | Tank Size 270 gals & burner | Date Aug.8,1939

$ 50::: " " " # 17049....Belcher Industries,Inc. -Re-newing defective tank. Nov.20,1942.....

Sprinkler System

Electrical Contractor Goddard ...# 13083 | Address | Date July 25, 1939

OUTLETS Switch 68, Light 60, Receptacles 96 | Range | Motors | Fans | Temporary Service

HEATERS Water Space

Centers of Distribution 5,

Refrigerators | #13427.. Claude Neon. 2 neon transformers ..... Sept. 30, 1939.....

Irons | Sign Outlets

No. FIXTURES 74 | Electrical Contractor # 13297. The Landis Company | Date Sept, 5, 1939

FINAL APPROVED BY Lincoln Brown, jr. Date of Service September 28, 1939

Alterations or Repairs ~~Cost~~ #13008.. 2 Wall signs.. Claude Neon Southern Co: $ 150: Sept.29,1939

13090: 18 sq ft Wall Lettering - (Claude Neon Southern Corp: $ 150: Oct 13,1939

OVER

ALTERATIONS & ADDITIONS

Building Permits: # 17998... Renovation after Army occupation... $ 1,500: day labor.. Jan.21,1944

# 33089	Remodeling bedroom to be used for card room - Bath tub to be removed to make powder room - G. A. Chapman, contractor	$ 450:	July 17, 1950
# 38902	Remodeling for small kitchen -Continental Breakfast only - Accessory use only as per Zoning Ordinance #289 - Owner	$ 100:	July 11, 1952
# 43522	Roofing: Palmer Roofing Co:	$ 198:	Dec 8, 1953
# 43725	One Pole Sign, 24 sq ft: Claude Southern:	$ 500:	Jan 8, 1954
# 44159	Palmer Roofing Co... "Roofing".....	$ 250:	March 25, 1954

#62208 Luna Vent, Inc: Replace 92 wood double hung windows with jalousies & 4 doors - $3960 - June 22, 1960
#62333 Dewey Hawkins: 5 - 1 HP window air conditioners - $1000 - July 8, 1960 OK 7/27/60 Plaag
#01329-Dennis Behlin-Pressure clean and paint-$550-6-26-72

#2547-Dewey Hawkins A.C.- 3 1hp wind a/c-$750-4-4-7

Plumbing Permits: # 33618 Phil Levi Plumbing Co: 1 sink- July 16, 1952-E. Cox 7-28-52
#42511 Leo Roselle Plumbing: 1 Relocating & Plbg & Stacks & Water - Aug. 4, 1960 OK Rothman 8/4/60
#44366 Peoples Gas: 1 gas range - 8/13/64

Mechanical 03438-Amber Boiler and Burner- 180,000 BTU hot water boilers-12-16-75

Electrical Permits: # 13532... Claude Neon Southern Corp: 2 neon transformers... Oct.13,1939
20593.. Biscayne Electric.. 1 receptacle... November 1, 1944
30315 Astor Electric: 2 Receptacles, 1 Center of distribution, Dec.2,1949 - OK Woodmansee 12-14
41193 Claude Southern Corp: 2 Neon transformers: Jan.8,1954
#54159 Commlius Elec: 1 service equipment, 27 motors (1HP)- Aug. 31, 1959 OK 6/20/60 Meginniss
#57079 Jones Elec: Telephone Booth - 7/26/61
#73678-County Wide-telephone booth-12-1-76

LOT _____ BLOCK _____ SUBDIVISION _____ ADDRESS _____

ALTERATIONS & ADDITIONS

Building Permits: #21187 11/12/81 owner for sale sign $5.

#22379 6/18/82 United Exterminating co - tent fumigation $500.

#29949 3/5/87 owner fix stucco cracks & paint exterior of bldg $3,000.

Plumbing Permits:

Electrical Permits:

LOT ALL BLOCK "K" SUBDIVISION ~~Atlantic Heights~~ ADDRESS 6881 Indian Creek Drive

ALTERATIONS & ADDITIONS

Building Permits:

FILE NO: 1160 BOARD OF ADJUSTMENT OCTOBER 14, 1977 Joseph and Lorraine Wasser, owner-applicants, 1. Applicant requests waiving 4.25 ft. of the required 45 ft. east side setback of a portion of the tower section of a building. 2. Applicant requests exceeding the maximum allowable lot coverage by 333.6 sq. ft. in order to construct an apartment building. 3. Applicant requests waiving one (1) off-street loading spaces of the required one (1) off-street loading space. 4. Applicant requests permission to construct eight (8) parking spaces in the front yard setback. 5. Applicant requests waiving portions of the required 10 ft. side landscape areas in order to construct parking spaces as submitted on the site plan. DEFERRED BY BOARD.

FILE NO: 1160-A BOARD OF ADJUSTMENT JANUARY 6, 1978 Joseph and Lorraine Wasser, Owner-applicants 1. Applicant requests exceeding the maximum allowable lot coverage by 213 sq. ft. in order to construct an apartment building. 2. ~~Appli~~cant requests waiving one off-street loading spaces of the required one off-street loading space. 3. Applicant requests permission to construct six parking spaces in front yard setback. 4. Applicant requests waiving portions of the required 10 ft. side landscape areas in order to construct parking spaces as submitted on the site plan.

REQUESTS #1, #2, and #4 GRANTED AS REQUESTED
REQUEST #3 amended to read as follows: Applicant requests permission to construct five parking spaces in front yard setback.
REQUEST #3 GRANTED AS AMENDED.

Electrical Permits:

CITY OF MIAMI BEACH
Building Department
1700 Convention Ctr Drive, 2nd Floor
Miami Beach, Florida 33139

Inspections: (305) 673-7370 **Office: (305) 673-7610**

Bldg Small Work Permit

03-27-2008

Activity Number: B0802335

Status: APPROVED
Site Address: 6881 INDIAN CREEK DR MBCH
Parcel #: 32110010750

Issued By: BUILARAG
Applied: 03/14/2008
Approved: 03/27/2008
Completed:
To Expire: 09/23/2008

Valuation: $14,000.00

Applicant: GULFEAGLE ROOFING COMPANY
121 N.W. 49TH STREET
MIAMI, FL 33126

Property Owner: DEVON APT INC
5572 PINETREE DR
MIAMI BEACH FL 331402148

CONDTION(s):

Description: **RE-ROOF SHINGLE & FLAT 60 SQFT**
Inspector Area: N Class Code: R2

==========

DETAIL LIST

Alteration/Repair Fees		
Alteration Bulding/Structures - Per Costs:	$0.00	$0.00
Awning, Canopy, Patio Cover - Per Costs:	$0.00	$0.00
Area Under Roof - RADON - Per Sq.Ft.:	0	$0.00
Walk-Thru - Per Valuation:	$0.00	$15.00
Repairs to Building/Structure - Per Costs:	$0.00	$0.00
Roofing or Re-roofing - Per Sq.Ft.:	60	$75.00
Window/Doors - Per # of:	0	$0.00
Signs 36-4 (Writer/Erect) - Per Sq.Ft.:	0	$0.00
Fence and/or Wall - Per Linear Feet:	0	$0.00
Partial Demo (Struct, Sign, Wall) - Per Costs:	$0.00	$0.00
Swimming Pool - Per Gallon:	0	$0.00
Painting - Per Costs:	$0.00	$0.00
Sandblasting - Per Costs:	$0.00	$0.00
Paving - Per Sq.Ft.:	0	$0.00
Concrete Slab - No Paving - Per Sq.Ft.:	0	$0.00
Trees - Per # of:	0	
Hedges - Per Linear Feet:	0	
Groundcover - Per Sq.Ft.:	0	
Landscaping Fee:		$0.00
Other Fees:		$0.00
Penalty Fee (If Applicable):		$0.00

[BSBLDPRM]

Activity Number: B0802335

Fire Safety Fees		
New Building or Addition - Per Sq.Ft.:	0	$0.00
Storage/Industrial Bldg - E & F Occup - Per Sq.Ft.:	0	$0.00
Greenhouse/Argiculture on Premises - Per Sq.Ft.:	0	$0.00
Screen Enclsoure/Trail on Premises - Per Sq.Ft.:	0	$0.00
SS Underground Tanks/App Shelter - Per #:	0	$0.00
Construction not shown Above - Per Costs:	$0.00	$0.00
Alt/Repair Building/Structure - Per Costs:	$0.00	$0.00
Marine Structure Fee		
Dock Area - Per Sq.Ft.:	0	$0.00
Seawall - Per Linear Feet:	0	$0.00
Boat Lifts, Davits, Hoist - Per # of:	0	$0.00
Batter, Mooring, Dock Piles - Per # of:	0	$0.00
Marine Structure Alt/Repair - Per Costs:	$0.00	$0.00
SFBC Compliance Surcharge		
New Const/Add - Res/Mult-Fam/Comm - Per Sq.Ft.:	0	$0.00
New Const/Add - Strg/Ind/Msc - Per Sq.Ft.:	0	$0.00
Cost for Other Construction:		$0.00
Training Fee		
Training Fee:		$14.00
Sanitation Fee:		$42.00
Additional Fees		
1st Reinspection:		$0.00
Continued Reinspections - Per # of:	0	$0.00
Building Joint Inspections - Per # of:	0	$0.00
Change of Contractor Per # of:	0	$0.00
Permit Extension - Per # of:	0	$0.00
Residential Card:		
Commercial Card:		
Permit Card Replacements:		$0.00
Lost Plan Fee - SF:		$0.00
Lost Plan Fee - Other:		$0.00
Overtime Inspection Fees:		$0.00
Total of All Fees:		$154.40
Total of Payments:		$154.40
Balance Due:		$0.00

CITY OF MIAMI BEACH
Miami Beach, Florida 33139

RECEIPT OF PAYMENT

(This is not a permit it is a receipt only)

03-14-2008

Activity Number: **B0802335**
Status: **APPLIED**

Receipt: R010211581

Date Applied: **03/14/2008** Date Issued:
Date Completed: Date Expired:

Entered By: **BUILARAG**

Site Address: **6881 INDIAN CREEK DR MBCH**
Parcel #: **32110010750**

Balance Due: **$0.00**
Valuation: **$14,000.00**

Applicant: **GULFEAGLE ROOFING COMPANY**
121 N.W. 49TH STREET
MIAMI, FL 33126

Owner: **DEVON APT INC**
5572 PINETREE DR
MIAMI BEACH FL 331402148

Description: RE-ROOF SHINGLE & FLAT 60 SQFT

Payments made for this receipt:

Type	Method	Description	Amount
Payment	Check	1080	154.40

Payment Made: 03/14/2008 03:05 PM Accepted By: GA

Total Payment: 154.40 Payee: GABLES ROOFING INC

Current Payment Made to the Following Items:

Account Code	Description	Amount
011800032210	Building Permits	75.00
011800032263	Zoning	15.00
435800036329	Sanitation Impact Fees	42.00
601700022921	SFBC Compliance Fee	8.40
601700022925	Training	14.00

Account Summary for Fees and Payments:

Item#	Description	Account Code	Tot Fee	Paid	Prev. Pmts	Cur. Pmts
10	Building Permits	0118000322100	75.00	75.00	.00	75.00
270	Zoning	0118000322630	15.00	15.00	.00	15.00
420	SFBC Compliance Fee	6017000229217	8.40	8.40	.00	8.40
430	Training	6017000229253	14.00	14.00	.00	14.00
440	Sanitation Impact Fe	4358000363293	42.00	42.00	.00	42.00

Structural
Engy.
PW
Zng.

8-10 am
11 C/I M.F.
ticket

[RECEIPT]

MIAMIBEACH

BUILDING DEPARTMENT
1700 Convention Center Drive
Miami Beach, FL 33139
Office: 305-673-7610 Fax: 305-673-7857

WORK PERMIT APPLICATION

FLORIDA BUILDING CODE IN EFFECT

DATE 3 /5 /08 PERMIT # B0802335

If subsidiary or revision, provide the Master building permit number here B: _____

IS THIS PERMIT ASSOCIATED WITH A VIOLATION? If so; BV# _____

For DEMOLITION provide the year the structure was built _____ **Historic District** ☐Yes ☐No

Type of Property ☐Single Family ~~☐Commercial~~ ☒Multi-Family/Condo

TYPE OF IMPROVEMENT : ~~☒~~Building ☐ Electrical ☐ Plumbing ☐ Mechanical ☐ **REVISION**

Describe: ~~☒~~ Re-Roof shingle & flat

Job Value $ 14.000 **Square Feet** 60 **Linear Feet** 6000 **Pool Gallonage** _____ **No. of units** _____

Job Address 6881 INDIAN Creek

Folio # 02-3211001 0750 **Unit #** _____

City Mia Beach State Fl Zip 33141 Phone _____

Owner/Owner Builder Devon Apt. INC. Drivers License No. _____

Address 6881 INDIAN Creek

City Miami Beach State Fl Zip 33141 Phone _____

Fee Simple Titleholder's Name (if other than owner) _____

Address N/A

City _____ State _____ Zip _____ Phone _____

Contractor Bulleagle Roofing Co. License No. CCC 1327476

Address 5665 SW 8 St.

City Miami State Fl Zip 33134 Phone 305-264-3500

Cell# 786-488-1379 Fax # 305-264-9800

☐**Architect** N/A License No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

☐**Engineer** N/A License No. _____

Address _____

City _____ State _____ Zip _____ Phone _____

PLEASE COMPLETE SHADED AREAS

BUILDING WORK PERMIT APPLICATIONS ARE AVAILABLE ON THE MIAMI BEACH WEBSITE AT :WWW.MIAMIBEACHFL.GOV

Bonding company Name N/A

Address

City State Zip Phone

Mortgage Lender's Name N/A

Address

City State Zip Phone

This application is hereby made to obtain a permit to do the work and installations as indicated. I certify that all work will be performed to meet the standards of all laws and construction regulations in this jurisdiction. I understand that **SEPARATE PERMITS** are required for ***Electrical, Mechanical, Plumbing, Signs, Swimming Pools, Spas, Windows, Sliding Glass Doors and Roofing***.

OWNER'S AFFIDAVIT: I certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and Zoning.

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 this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies or federal agencies.

*** If the contractor is going to be hired by the tenant, check here.** ☐

Mark Wasserk
Signature of Owner or Agent

Signature of Tenant

Nora Dominguez
Signature of Qualifier

MARK WASSERK
Printed Name of Owner or Agent

Printed Name of Tenant

NORA DOMINGUEZ
Printed Name of Qualifier

Date 3/5/2008

Date

Date 3/5/2008

MIRTA NIURKA GONZALEZ
MY COMMISSION # DD606416
EXPIRES: OCTOBER 18, 2010
(407)398-0163 FloridaNotaryService.com

Signature of Notary Public

Identification

Identification

Sworn to and subscribed before me this 7 day of March 2008.
(Seal)

Sworn to and subscribed before me this 7 day of March 2008.
(Seal)

Sworn to and subscribed before me this 7 day of March 2008.
(Seal)

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT. NOTICE OF COMMENCEMENT SHOULD BE FILED AT: 22 NW 1ST STREET, MIAMI, FL

STATE OF FLORIDA **COUNTY OF DADE**

Savon Apts, Inc
Print Owner's Name

Mark Wasserk
Owner's Signature

Sworn to and subscribed before me this 7 day of March 2008, by:

Personally Known ☐ Produced Identification - Type of Identification

MIRTA NIURKA GONZALEZ
MY COMMISSION # DD606416
EXPIRES: OCTOBER 18, 2010
(407)398-0163 FloridaNotaryService.com

Signature of Notary Public (Seal)

Application Approved By:

Permit Clerk

FLORIDA DEPARTMENT OF STATE
DIVISION OF CORPORATIONS

Detail by Entity Name

Florida Profit Corporation

DEVON APARTMENTS, INC.

Filing Information

Document Number	P03000042610
FEI Number	760730212
Date Filed	04/16/2003
State	FL
Status	ACTIVE
Effective Date	04/17/2003

Principal Address

870 NARRAGANSETT LN.
KEY LARGO FL 33037

Mailing Address

870 NARRAGANSETT LN.
KEY LARGO FL 33037

Registered Agent Name & Address

WASSER, MARK C
870 NARRAGANSETT LN.
KEY LARGO FL 33037 US

Officer/Director Detail

Name & Address

Title P

WASSER, MARK C
870 NARRAGANSETT LN.
KEY LARGO FL 33037

Title VP

WASSER, SOFY
870 NARRAGANSETT LN.
KEY LARGO FL 33037

Annual Reports

Report Year	Filed Date
2005	04/18/2005
2006	04/13/2006
2007	04/29/2007

Document Images

04/29/2007 -- ANNUAL REPORT	View image in PDF format
04/13/2006 -- ANNUAL REPORT	View image in PDF format
04/18/2005 -- ANNUAL REPORT	View image in PDF format
04/23/2004 -- ANNUAL REPORT	View image in PDF format
04/16/2003 -- Domestic Profit	View image in PDF format

Note: This is not official record. See documents if question or conflict.

Previous on List Next on List Return To List

No Events No Name History

Entity Name

Home Contact us Document Searches E-Filing Services Forms Help

B0802335

Florida Building Code Edition 2004

High-Velocity Hurricane Zone Uniform Permit Application Form.

Section A (General Information)

Master Permit No. _____ Process No. _____

Contractor's Name Gulf Eagle Roofing

Job Address 6881 INDIAN CREEK DR

ROOF CATEGORY

- ☒ Low Slope
- ☒ Asphaltic Shingles
- ☐ Mechanically Fastened Tile
- ☐ Metal Panel/Shingles
- ☐ Mortar/Adhesive Set Tile
- ☐ Wood Shingles/Shakes
- ☐ Prescriptive BUR-RAS 150

ROOF TYPE

- ☐ New Roof
- ☒ Reroofing
- ☐ Recovering
- ☐ Repair
- ☐ Maintenance

ROOF SYSTEM INFORMATION

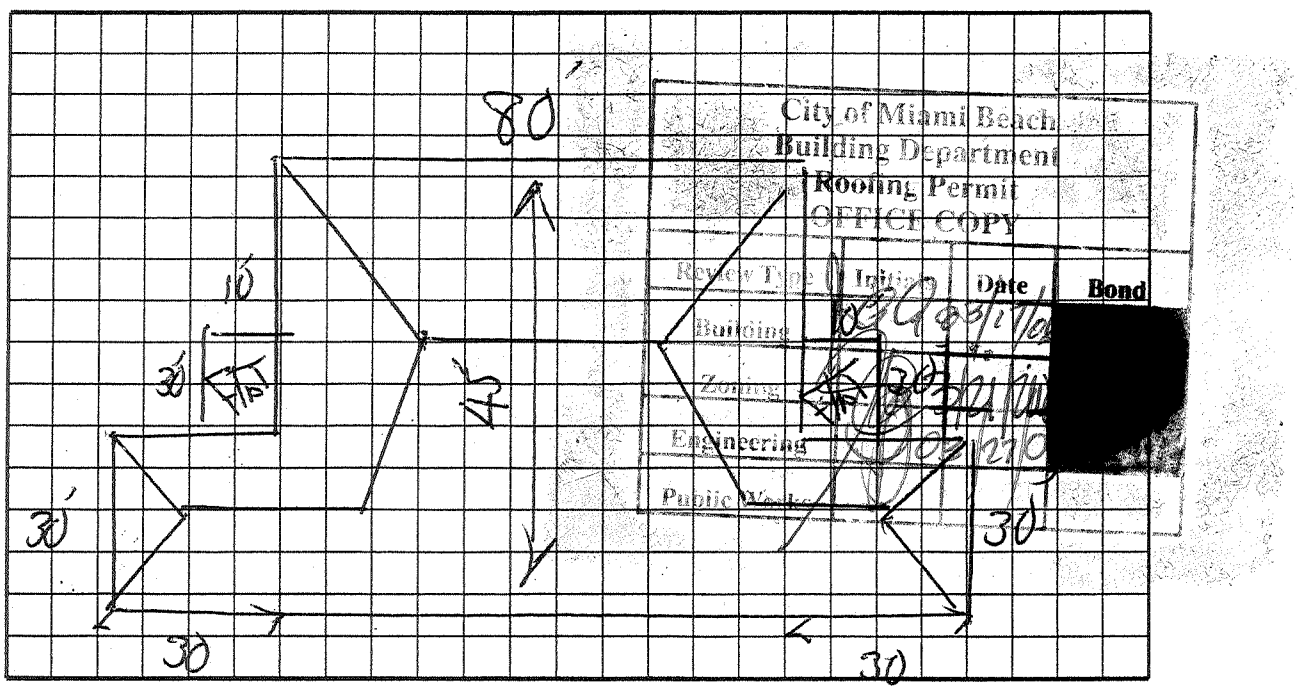
Low Slope Roof Area (SF) 600 Steep Sloped Roof Area (SF) 5400 Total (SF) 6000

NOTICE: In addition to the requirement of this permit there may be additional restrictions applicable to this property that may be found in the Public Records of this County, and there may be additional permits required from other governmental entities such as water management's districts, state agencies, federal agencies.

The City of Miami Beach assumes no responsibility for accuracy or the plans which are approved subject to compliance with all State and Local Laws, Rules, and Regulations.

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.



Section C (Low Sloped Roof System)

Fill in Specific Roof Assembly Components and Identify Manufacturer

(If a component is not used, identify as "NA")

System Manufacturer: GAF CORP

NOA No.: 08-0501.05

Design Wind Pressures, From RAS 128 or Calculations:

Pmax1: -49.2 Pmax2: -82.6 Pmax3: -124.3

Max. Design Pressure, From the Specific NOA System: -52.5

Deck:

Type: PLYWOOD

Gauge/Thickness: 5/8

Slope: 1/2

Anchor/Base Sheet & No. of Ply(s): GAF GLASS BASE

Anchor/Base Sheet Fastener/Bonding Material: 1 1/4 RING SHANK NAILS 15/8 TIN CAPS

Insulation Base Layer: N/A

Base Insulation Size and Thickness: N/A

Base Insulation Fastener/Bonding Material: N/A

Top Insulation Layer: N/A

Top Insulation Size and Thickness: N/A

Top Insulation Fastener/Bonding Material: N/A

Base Sheet(s) & No. of Ply(s): N/A

Base Sheet Fastener/Bonding Material: N/A

Ply Sheet(s) & No. of Ply(s): 2 PLYS GAF GLASS PLY IV

Ply Sheet Fastener/Bonding Material: ASTM ASPHALT TYPE IV

Top Ply: GAF CAP SHEET

Top Ply Fastener/ Bonding Material: ASTM ASPHALT TYPE IV

Surfacing: N/A

Fastener Spacing for Anchor/Base Sheet Attachment

Field: 9" oc @ Lap, # Rows 2 @ 9" oc

Perimeter: 6" oc @ Lap, # Rows 4 @ 6" oc

Corner: 4" oc @ Lap, # Rows 6 @ 4" oc

Number of Fasteners Per Insulation Board

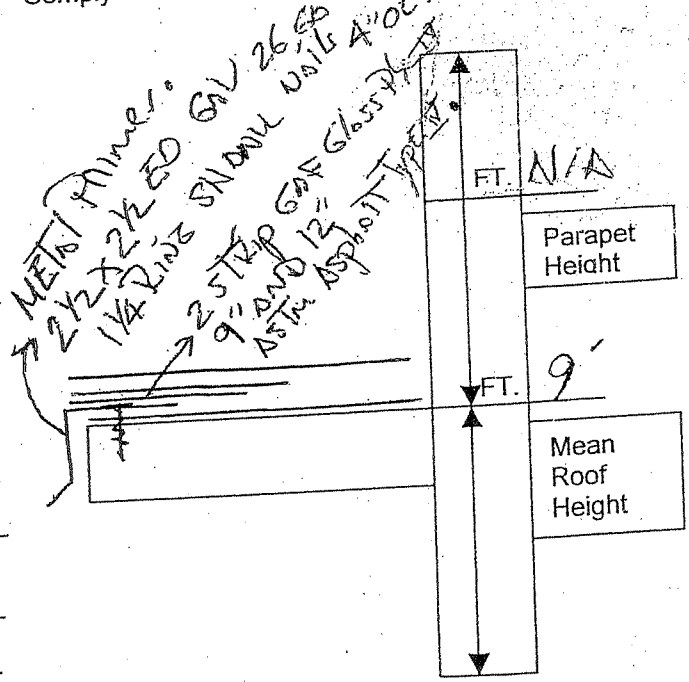
N/A

Field ____ Perimeter ____ Corner ____

Illustrate 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 of Base Flashing, Component Material, Material Thickness, Fastener Type, Fastener Spacing or Submit Manufacturers Details that Comply with RAS 111 and Chapter 16.



Florida Building Code Edition
High Velocity Hurricane Zone Uniform Permit Application Form.

Section D (Steep Sloped Roof System)

Roof System Manufacturer: ATLAS ROOFING CORP

Notice of Acceptance Number: 03070103

Minimum Design Wind Pressures, If Applicable (From RAS 127 or Calculations):

P1:_____ P2:_____ P3:_____

Maximum Design Pressure
(From the NOA Specific System):_____

Method of tile attachment:_____

Steep Sloped Roof System Description

Deck Type: 5/8" Plywood 6" TAPE PEEL & SEAL

Type Underlayment: 30# ASTM

Roof Slope: 3 : 12

Insulation: N/A

Fire Barrier: N/A

Ridge Ventilation? N/A

Fastener Type & Spacing: 1¼ RING SHANK NAILS 6"OC & 12"OC FIELD AND

Adhesive Type: N/A

Type Cap Sheet: N/A

Mean Roof Height: 13

Roof Covering: ATLAS GLASS MASTER

Type & Size Drip Edge: 2½x2½ED GM

1¼ RING SHANK NAILS 4"OC

MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Atlas Roofing Corporation
100 Pineview Drive
Hampton, GA 30278

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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.

DESCRIPTION: GlassMaster 25

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.

ADVERTISEMENT: 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 consists of pages 1 through 4.
The submitted documentation was reviewed by Frank Zuloaga, RRC.

ROOFING ASSEMBLY APPROVAL

Category: Roofing
Sub-Category: 07310 Asphalt Shingles
Material: 3-Tab

1. SCOPE

This revises GlassMater 25 manufactured by Atlas Roofing Corp. described in Section 2 of this Notice of Acceptance, designed to comply with Florida Building Code, High Velocity Hurricane Zone.

2. PRODUCT DESCRIPTION

Product	Dimensions	Test Specifications	Product Description
GalssMater 25	12" x 36"	TAS 110	A heavyweight, fiberglass reinforced. Three tab asphalt shingle.

3. LIMITATIONS

3.1 Fire classification is not part of this acceptance; refer to a current Approved Roofing Materials Directory for fire ratings of this product.
3.2 Shall not be installed on roof mean heights in excess of 33 ft.

4. INSTALLATION

4.1 Shingles shall be installed in accordance with Roofing Application Standard RAS 115.
4.2 Flashings shall be in accordance with Roofing Application Standard RAS 115.
4.3 The manufacturer shall provide clearly written application instructions.
4.4 Exposure and course layout shall be in compliance with Detail 'A', attached.
4.5 Nailing shall be in compliance with Detail 'B', attached.

5. LABELING

5.1 Shingles shall be labeled with the Miami-Dade Logo or the wording "Miami-Dade County-Dade Product Control Approved".

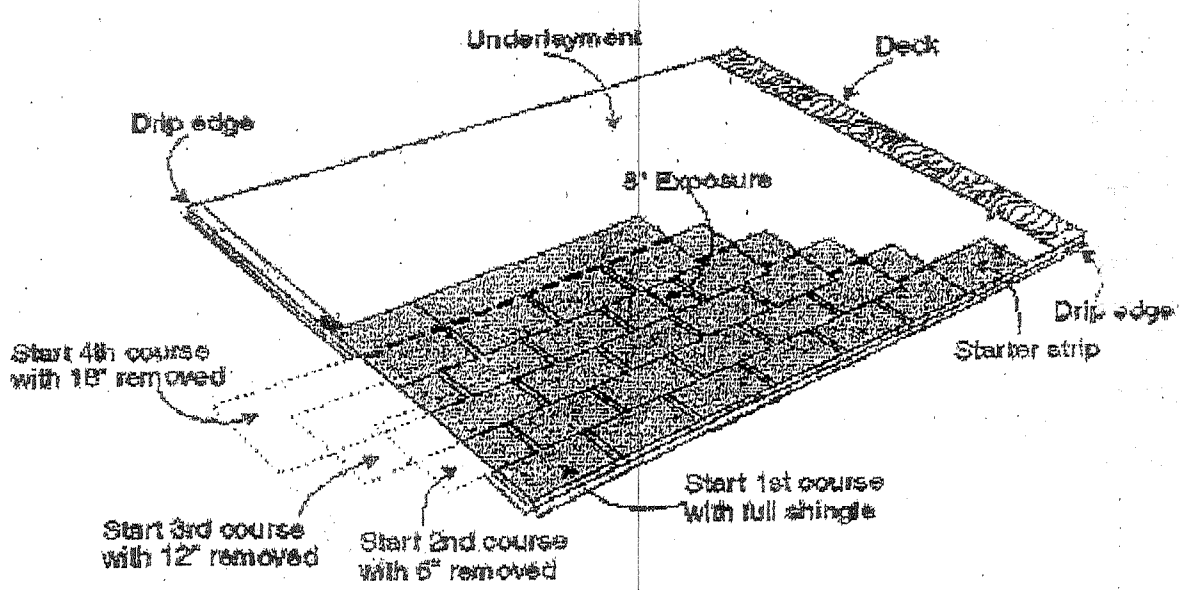
6. BUILDING PERMIT REQUIREMENTS

6.1 Application for building permit shall be accompanied by copies of the following:

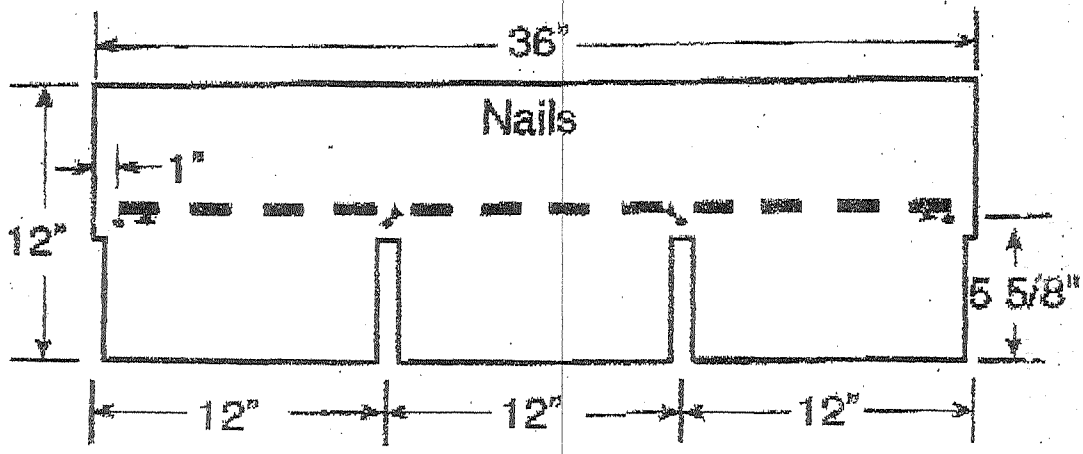
6.1.1 This Notice of Acceptance.
6.1.2 Any other documents required by the Building Official or the applicable Building Code in order to properly evaluate the installation of this system.

DETAIL "A"

"GLASSMASTER 25"



DETAIL "B"



END OF THIS ACCEPTANCE

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA.)

EVIDENCE SUBMITTED

Test Agency	Test Identifier	Test Name/Report	Date
PRI Asphalt Technologies.	TAS 100	Wind driven rain.	07/09/03
Underwriters Laboratories, Inc.	TAS 107	Wind uplift resistance Modifed ASTM D 3161	03/04/02
Underwriters Laboratories, Inc.	ASTM 3462	Material properties ASTM D3462	09/17/02

C. CALCULATIONS: <enter calculations received for use of coefficients>

D. MATERIAL CERTIFICATIONS: NONE

E. STATEMENTS: NONE

F. OTHER

1. Association member <enter name of association and its approval document number>
2. Notice of Acceptance number

WOOD DECK SYSTEM LIMITATIONS:

1 A slip sheet is required with Ply 4 and Flex Ply 6 when used as a mechanically fastened base or anchor sheet.
2. Minimum ¼" Dens Deck or ½ Type X gypsum board is acceptable to be installed directly over the wood deck.

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 sidelap 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 Engineer, 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. **(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 9B-72 of the Florida Administrative Code.

END OF THIS ACCEPTANCE

Roofing Systems (TGFU)–*Continued*

Insulation (Optional): One or more layers perlite, wood fiber, glass fiber, isocyanurate, urethane, perlite/isocyanurate composite, perlite/urethane composite, wood fiber/isocyanurate composite, phenolic, 2 in. max.
Ply Sheet: Two or more layers Type G1 "GAFGLAS Ply 4" or "GAFGLAS Ply 6".
Cap Sheet: One layer Type G3 "GAFGLAS Mineral Surfaced Cap Sheet".

4. Deck: NC Incline: 1/2
Insulation: One or two layers "Isotherm R", 4 in. max, hot mopped.
Ply Sheet: Any UL Classified gravel surfaced Class A asphalt glass fiber mat system.

5. Deck: C-15/32 Incline: 1
Slip Sheet (Optional): Red rosin paper, nailed to deck.
Base Sheet: One layer Type G2 "GAFGLAS #75 Base Sheet" (may be nailed).
Ply Sheet: One or more layers Type G1 "GAFGLAS Ply 4" or GAFGLAS Ply 6".
Cap Sheet: One layer Type G-3 "GAFGLAS Mineral Surfaced Cap Sheet".

6. Deck: NC Incline: 3
Base Sheet: One layer Type G2 "GAFGLAS #75 Base Sheet".
Ply Sheet: One or more layers Type G1 "GAFGLAS Ply 4" or "GAFGLAS Ply 6".
Cap Sheet: One layer Type G-3 "GAFGLAS Mineral Surfaced Cap Sheet".

7. Deck: C-15/32 Incline: 2
Insulation: One or more layers perlite, glass fiber, isocyanurate, urethane, perlite/isocyanurate composite, perlite/urethane composite, phenolic, 1.0 in. min (offset from plywood joints 6 in.).
Base Sheet: One or more layers Type G1, G2 or G3.
Membrane: One or more layers "Ruberoid Torch" (Smooth or Granule), "Ruberoid Torch Plus" (granule), "Ruberoid Mop" (Smooth or Granule) or "Ruberoid Mop Plus" (granule).
Cap Sheet: "GAFGLAS Mineral Surfaced Cap Sheet", hot mopped.

8. Deck: C-15/32 Incline: 2
Insulation (Optional): One or more layers perlite, wood fiber, glass fiber, isocyanurate, urethane, perlite/isocyanurate composite, perlite/urethane composite, wood fiber/isocyanurate composite, phenolic, any thickness.
Base Sheet: Two or more layers Type G2 or G3.
Ply Sheet (Optional): One or more layers Type G1.
Membrane: One or more layers "Ruberoid Torch" (Smooth or Granule), "Ruberoid Torch Plus" (granule), "Ruberoid Mop" (Smooth or Granule) or "Ruberoid Mop Plus" (granule).
Cap Sheet: "GAFGLAS Mineral Surfaced Cap Sheet", hot mopped.

Class B

1. Deck: C-15/32 Incline: 3-1/2
Insulation (Optional): One or more layers perlite, wood fiber, glass fiber, isocyanurate, urethane, perlite/isocyanurate composite, perlite/urethane composite, wood fiber/isocyanurate composite, phenolic, any thickness.
Ply Sheet: Two or more layers Type G1 "GAFGLAS Ply 4" or "GAFGLAS Ply 6"
Cap Sheet: Type G3 "GAFGLAS Mineral Surfaced Cap Sheet", hot mopped.

2. Deck: C-15/32 Incline: 3-1/2
Insulation (Optional): One or more layers perlite, wood fiber, glass fiber, isocyanurate, urethane, perlite/isocyanurate composite, perlite/urethane composite, wood fiber/isocyanurate composite, phenolic, any thickness.
Base Sheet: Two or more layers Type G1, G2 or G3.
Membrane: One or more layers "Ruberoid Torch" (Smooth or Granule), "Ruberoid Torch Plus" (granule), "Ruberoid Mop" (Smooth or Granule) or "Ruberoid Mop Plus" (granule).
Cap Sheet: "GAFGLAS Mineral Surfaced Cap Sheet", hot mopped.

Class C

1. Deck: C-15/32 Incline: 1/2
Insulation (Optional): One or more layers perlite, wood fiber, glass fiber, isocyanurate, urethane, perlite/isocyanurate composite, perlite/urethane composite, wood fiber/isocyanurate composite, phenolic, any thickness.
Ply Sheet: Three or more layers Type G1 "GAFGLAS Ply 4" or "GAFGLAS Ply 6".

Roofing Systems (TGFU)–*Continued*

Surfacing: "Special Roofing Bitumen" 20 lbs/sq.

COAL TAR FELT SYSTEMS WITH HOT ROOFING COAL TAR

Class A

1. Deck: C-15/32 Incline: 1/2
Insulation (Optional): One or more layers perlite, wood fiber, glass fiber, isocyanurate, urethane, perlite/isocyanurate composite, perlite/urethane composite, wood fiber/isocyanurate composite, phenolic, any thickness.
Ply Sheet: Three or more layers Type G1 "GAFGLAS Ply 4" or "GAFGLAS Ply 6", hot mopped with coal tar bitumen.
Surfacing: Gravel.

COMBINATION HOT AND COLD SYSTEMS

Class A

1. Deck: NC Incline: 2
Insulation (Optional): One or more layers perlite, wood fiber or glass fiber, 2 in. max.
Ply Sheet: Three or more layers Type G1 "GAFGLAS Ply 4" or "GAFGLAS Ply 6".
Surfacing: Grundy Industries "al MB Aluminum Roof Coating" at 1-1/2 gal/sq.

2. Deck: NC Incline: 1
Insulation (Optional): One or more layers perlite, wood fiber, glass fiber, isocyanurate, urethane, perlite/isocyanurate composite, perlite/urethane composite, wood fiber/isocyanurate composite, phenolic, any thickness.
Ply Sheet: Three or more layers Type G1 "GAFGLAS Ply 4" or "GAFGLAS Ply 6".
Surfacing: "Weather Coat Emulsion" at 3 gal/sq.

3. Deck: NC Incline: 1/2
Insulation: One or two layers "Isotherm R", 4 in., hot mopped.
Ply Sheet: Any UL Classified gravel surfaced Class A asphalt glass fiber mat system.

4. Deck: NC Incline: 2
Insulation (Optional): Isocyanurate, perlite, isocyanurate/composite, wood fiber and glass fiber, any thickness, mechanically fastened.
Base Sheet: One ply Type G1 or G2, mechanically fastened or hot mopped.
Ply Sheet: One or more plies Type G1 or G2, adhered with hot roofing asphalt.
Surfacing: "GAF Premium Fibered Aluminum Roof Coating", 1-1/2 gal/sq or "GAF Weather Coat Emulsion", 3 gal/sq.

5. Deck: NC Incline: 1
Insulation (Optional): Perlite, glass fiber, polyisocyanurate, wood fiber, mechanically fastened, any thickness.
Base/Ply Sheet: One or more plies Type G1 or type G2, hot mopped in place.
Coating: "Fibered Aluminum Roof Coating".

6. Deck: NC Incline: 1
Insulation (Optional): Perlite, glass fiber, polyisocyanurate, wood fiber, mechanically fastened, any thickness.
Base/Ply Sheet: One or more plies Type G1 or Type G2, fully adhered with either "Ruberoid Modified Bitumen Adhesive" or "Ruberoid Modified Bitumen flashing Cement".
Coating: "Fibered Aluminum Roof Coating", 1-1/2 gal/sq.

7. Deck: C 15/32 Incline: 1
Base Sheet: One or more plies Type G2, mechanically fastened.
Ply Sheet: Three or more plies Type G1, hot mopped in place.
Coatings: "Fibered Aluminum Roof Coating", 1-1/2 gal/sq.

Class B

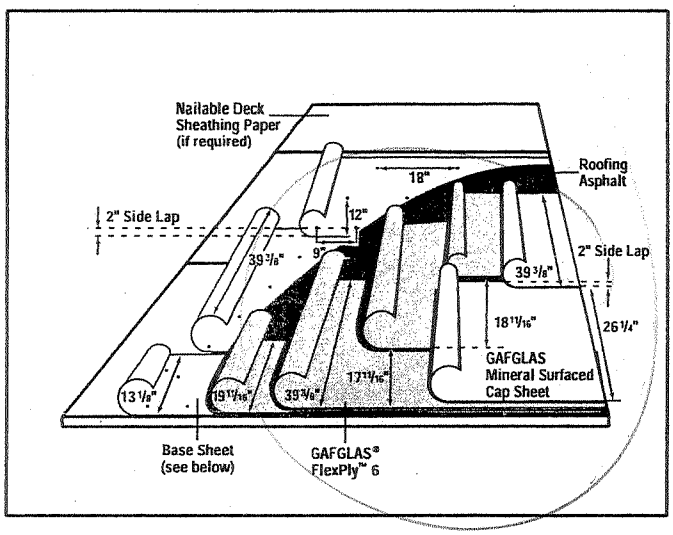
1. Deleted

2. Deck: C-15/32 Incline: 2
Insulation (Optional): One or more layers perlite, wood fiber, glass fiber, isocyanurate, urethane, perlite/isocyanurate composite, perlite/urethane composite, wood fiber/isocyanurate composite, phenolic, any thickness.
Ply Sheet: Three or more layers Type G1 "GAFGLAS Ply 4" or "GAFGLAS Ply 6", hot mopped.
Surfacing: Grundy Industries "al MB Aluminum Roof Coating", 1-1/2 gal/sq.

3. Deck: NC Incline: 2
Insulation (Optional): One or more layers perlite, wood fiber, glass fiber, isocyanurate, urethane, perlite/isocyanurate composite, perlite/urethane composite, wood fiber/isocyanurate composite, phenolic, any thickness.

FOUR (4) PLY BUILT UP ROOFING SYSTEM NAILABLE DECK

GAF MATERIALS CORPORATION



GENERAL

Safety: Refer to Section Section 1.06.
DO NOT BEGIN INSTALLATION UNTIL THIS INFORMATION IS READ, UNDERSTOOD AND IMPLEMENTED.

MATERIALS

Material Requirements per 100 sq. ft.:
Asphalt (per ply) . . . . . .25 lbs. (1.22 kg/m^2)
Base Sheet . . . . . .1 ply
Ply Sheets . . . . . .2 plies
Cap Sheet . . . . . .1 ply

12 YEAR DIAMOND PLEDGE AND SYSTEM PLEDGE GUARANTEE SPECIFICATIONS

SPEC#	BOTTOM SHEET ATTACHMENT	BASE SHEET	INTERPLY	INTERPLY	SURFACINC
N-B-4-M	NAILED	STRATAVENT® NAILABLE	PLY 4	PLY 4	CAP SHEET
	NAILED	#75 BASE SHEET	PLY 4	PLY 4	CAP SHEET
	NAILED	#80 ULTIMA™ BASE SHEET	PLY 4	PLY 4	CAP SHEET
	NAILED	MODIFIED BASE SHEET	PLY 4	PLY 4	CAP SHEET
	NAILED	PLY 4 w/SHEATHING PAPER	PLY 4	PLY 4	CAP SHEET
	NAILED	FLEXPLY™ 6 w/SHEATHING PAPER	PLY 4	PLY 4	CAP SHEET

15 YEAR DIAMOND PLEDGE AND SYSTEM PLEDGE GUARANTEE SPECIFICATIONS (WEST ZONE ONLY)

SPEC#	BOTTOM SHEET ATTACHMENT	BASE SHEET	INTERPLY	INTERPLY	SURFACING
N-B-4-M/P6	NAILED	STRATAVENT® NAILABLE	FLEXPLY 6	FLEXPLY 6	CAP SHEET
	NAILED	#75 BASE SHEET	FLEXPLY 6	FLEXPLY 6	CAP SHEET
	NAILED	#80 ULTIMA™ BASE SHEET	FLEXPLY 6	FLEXPLY 6	CAP SHEET
	NAILED	MODIFIED BASE SHEET	FLEXPLY 6	FLEXPLY 6	CAP SHEET
	NAILED	FLEXPLY™ 6 w/SHEATHING PAPER	FLEXPLY 6	FLEXPLY 6	CAP SHEET

MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

GAF Material Corporation
1361 Alps Road
Wayne, NJ 07470

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by the BCCO and accepted by the Building Code and Product Review Committee 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: GAF Conventional Built-Up Roof System for Wood Deck.

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.

ADVERTISEMENT: 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 NOA #02-0408.09 and consists of pages 1 through 21.
The submitted documentation was reviewed by Frank Zuloaga, RRC

ROOFING SYSTEM APPROVAL

Category:	Roofing
Sub-Category:	BUR
Deck Type:	Wood
Maximum Design Pressure	-75 psf
Fire Classification:	See General Limitation #1

TRADE NAMES OF PRODUCTS MANUFACTURED OR LABELED BY APPLICANT:

TABLE 1

Product	Dimensions	Test Specification	Product Description
GAF Asphalt Concrete Primer (Matrix™ 307 Primer)	5, 55 gallons	ASTM D 41	Asphalt concrete primer used to promote adhesion of asphalt in built-up roofing.
GAF Mineral Shield® Granules	60 lb. bags	ASTM D 1863	Granules for surfacing of exposed asphalt, cold process cement or emulsion. GAF Mineral Shield® Granules shall be used for flashing applications only.
GAF WeatherCoat® Emulsion (Matrix™ Fibered 305 Emulsion)	5 gallons	ASTM 1227	Surface coating for smooth surfaced roofs.
GAF Premium Fibered Aluminum Roof Coating (Matrix™ System Pro Aluminum Roof Coating Fibered 301)	1, 5 gallons	ASTM D 2824	Fibered aluminum coating.
GAF Jetblack All Weather Plastic Cement (Matrix™ Standard Wet/Dry Roof Cement 204)	1, 5 gallons	ASTM D 3019 ASTM D 3409	Refined asphalt blended with a mineral stabilizer and fibers. Permits adhesion to wet and dry surfaces.
RUBEROID® Modified Bitumen Flashing Cement	5 gallons	ASTM D 4586	Fiber reinforced, polymer modified Flashing cement
Jetblack Premium Flashing Cement	5 gallons	ASTM D 4586	Asphalt flashing Cement
GAFGLAS® #75	39.37" (1 meter) wide	ASTM D 4601	Asphalt impregnated and coated glass mat base sheet.
GAFGLAS #80 Ultima Base Sheet	39.37" (1 meter) wide	ASTM D4601	Asphalt impregnated and coated, fiberglass base sheet
GAFGLAS Flex Ply™ 6	39.37" (1 meter) wide	ASTM D 2178	Type VI asphalt impregnated glass felt with asphalt coating.

Product	Dimensions	Test Specification	Product Description
GAFGLAS Ply 4®	39.37" (1 meter) wide	ASTM D 2178	Type IV asphalt impregnated glass felt with asphalt coating.
GAFGLAS® Mineral Surfaced Cap Sheet	39.37" (1 meter) wide	ASTM D 3909	Asphalt coated, glass fiber mat cap sheet surfaced with mineral granules.
GAFGLAS® STRATAVENT® Eliminator Perforated	39.37" (1 meter) wide	ASTM D 4897 D 3672	Fiberglass base sheet impregnated and coated on both sides with asphalt. Surfaced on the bottom side with mineral granules embedded in asphaltic coating with factory perforations.
GAFGLAS® Flashing	Various		Asphalt coated glass fiber mat flashing sheet available in three sizes.
GAFGLAS® STRATAVENT Eliminator Perforated Nailable	39.37" (1 meter) wide	ASTM D 4897 D 3672	Fiberglass base sheet impregnated and coated on both sides with asphalt. Surfaced on the bottom side with mineral granules embedded in asphaltic coating.
RUBEROID® SBS Heat-Weld™ Smooth	1 meter (39.37") wide	ASTM D-6164	Non-Woven Polyester mat coated with polymer-modified asphalt and smooth surfaced.
RUBEROID® SBS Heat-Weld™ Granule	1 meter (39.37") wide	ASTM D-6164	Non-Woven Polyester mat coated with polymer modified asphalt and surfaced with mineral granules.
RUBEROID® SBS Heat-Weld™ 170 FR	1 meter (39.37") wide	ASTM D-6164	Non-Woven Polyester mat coated with fire retardant polymer modified asphalt and surfaced with mineral granules.
RUBEROID® SBS Heat-Weld™ PLUS	1 meter (39.37") wide	ASTM D-6164	Non-Woven Polyester mat coated with polymer modified asphalt and surfaced with mineral granules.
RUBEROID® SBS Heat-Weld PLUS FR	1 meter (39.37") wide	ASTM D-6164	Non-Woven Polyester mat coated with fire retardant polymer modified asphalt and surfaced with mineral granules.
RUBEROID® SBS Heat-Weld™ 25	1 meter (39.37") wide	ASTM D-6164	Non-Woven Polyester mat coated with polymer-modified asphalt and smooth surfaced.
RUBEROID Modified Base Sheet	39.37" (1 meter) wide	ASTM D4601, Type II, UL Type G2 BUR	Premium glass fiber reinforced SBS-modified base sheet
Ruberoid® 20	39.37" (1 meter) wide	ASTM D 6163 ASTM D 5147	SBS modified asphalt base sheet and interply sheet reinforce with a glass fiber mat.
Ruberoid® Mop Granule	39.37" (1 meter) wide	ASTM D 6222 ASTM D 5147	Non-woven polyester mat coated with polymer modified asphalt and surfaced with mineral granules.

Deck Type 1: Wood, Non-insulated

Deck Description: $^{19}/_{32}$" or greater plywood or wood plank decks

System Type E (1): Base sheet mechanically fastened.

All General and System Limitations shall apply.

Base sheet: GAFGLAS #80 Ultima™ Base Sheet, STRATAVENT® Eliminator Perforated Nailable, RUBEROID Modified Base Sheet, RUBEROID® 20, RUBEROID SBS Heat-Weld™ Smooth or RUBEROID SBS Heat-Weld 25 base sheet mechanically fastened to deck as described below;

Fastening Options:

GAFGLAS® Ply 4®, GAFGLAS Flex Ply™ 6, GAFGLAS #75 Base Sheet or any of above Base sheets attached to deck with approved annular ring shank nails and tin caps at a fastener spacing of 9" o.c. at the lap staggered and in two rows 12" o.c. in the field.
(Maximum Design Pressure –45 psf, See General Limitation #7)

GAFGLAS® Ply 4®, GAFGLAS Flex Ply™ 6, GAFGLAS #75 Base Sheet or any of above Base sheets attached to deck with Drill-Tec (GAFTITE) #12 or #14 Screws and 3" Plates, 12" o.c. in 3 rows. One row is in the 2" side lap. The other rows are equally spaced approximately 12" o.c. in the field of the sheet.
(Maximum Design Pressure –45 psf, See General Limitation #7)

GAFGLAS Flex Ply™ 6, GAFGLAS #75 Base Sheet or any of above Base sheets attached to deck with approved annular ring shank nails and tin caps at a fastener spacing of 9" o.c. at the 4" lap staggered and in two rows 9" o.c. in the field. ***(Maximum Design Pressure –52.5 psf, See General Limitation #7)***

GAFGLAS #75 Base Sheet or any of above Base sheets attached to deck with Drill-Tec (GAFTITE) #12 or #14 Screws and 3" Plates, 12" o.c. in 4 rows. One row is in the 2" side lap. The other rows are equally spaced approximately 9" o.c. in the field of the sheet.
(Maximum Design Pressure –60 psf, See General Limitation #7)

Any of above Base sheets attached to deck approved annular ring shank nails and 3" inverted Drill-Tec (GAFTITE) insulation plates at a fastener spacing of 9" o.c. at the 4" lap staggered in two rows 9" in the field.
(Maximum Design Pressure –60 psf, See General Limitation #7)

GAFGLAS #75 Base Sheet or any of above Base sheets attached to deck with Drill-Tec (GAFTITE) #12 or #14 Screws and 3" Plates, 8" o.c. in 4 rows. One row is in the 2" side lap. The other rows are equally spaced approximately 9" o.c. in the field of the sheet.
(Maximum Design Pressure –75 psf, See General Limitation #7)

Ply Sheet: One or more plies of GAFGLAS® PLY 4®, GAFGLAS® PLY 6® ply sheet, #80 Ultima, RUBEROID MOP Smooth or RUBEROID 20 adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

Cap Sheet: (Optional) One ply of GAFGLAS® Mineral Surfaced Cap Sheet adhered in a full mopping of approved asphalt applied within the EVT range and at a rate of 20-40 lbs./sq.

Surfacing:

(Required if no cap sheet is used) Install one of the following:

1. GAF Special Roofing Bitumen with an application rate of 20 lbs./sq with an application rate of 1.5 gal./sq.; or GAF WEATHER COAT® Emulsion (Matrix 305 Fibered Emulsion) with an application rate of 3 gal./sq.; or GAF Premium Fibered Aluminum Roof Coating (Matrix System Pro Aluminum Roof Coating Fibered 301) with an application rate of 1.5 gal./sq.
2. Asphalt flood coat at an application rate of 60 lbs./sq. ± 20%; plus gravel or slag with an application rate of 400 lbs./sq. & 300 lbs./sq., respectively.
3. Top Coat Surface Seal SB (Matrix 602 SB Coating), Top Coat MB Plus (Matrix 715 MB Coating), GAF WeatherCote or WeatherCote LOW-VOC applied at rate of 1-1.5 gal/sq.

Maximum Design Pressure:

See Fastening Above

WOOD DECK SYSTEM LIMITATIONS:

1 A slip sheet is required with Ply 4 and Flex Ply 6 when used as a mechanically fastened base or anchor sheet.

2. Minimum ¼" Dens Deck or ½ Type X gypsum board is acceptable to be installed directly over the wood deck.

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 sidelap 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 Engineer, 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. **(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 9B-72 of the Florida Administrative Code.

END OF THIS ACCEPTANCE

B0802825

PERMIT

FINAL APPROVAL

DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT

CORE REVIEWER (PRINT): LOIS CEDIEL

SIGNATURE _____ DATE 3/26/08

1120 INDIAN CK DRIVE

City of Miami Beach
Building Department
Rooting Permit
OFFICE COPY

Review Level	Initials	Date	Bond
Planning	JAQ	03/17/08	
Zoning	[illegible]	3/27/2008	
Engineering	[illegible]	03/29/08	
Public Works	EMC	03-27-2008	

48 HOURS PRIOR TO EXCAVATING
CONTRACTOR SHALL CALL FOR LOCATION
OF UNDERGROUND UTILITIES
SUNSHINE ONE-CALL 1-800-432-4770
CITY OF MIAMI BEACH 305-673-7080

PUBLIC WORKS
PLAN REVIEW NOTICE
Phone 305-673-7080 Fax 305-673-7028

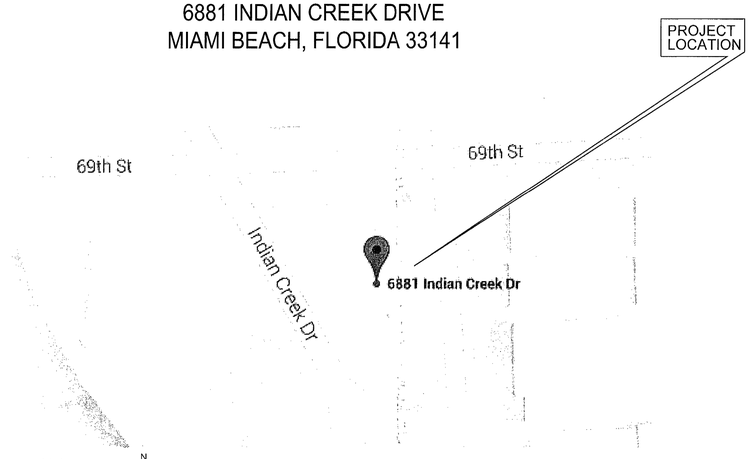
THIS PLAN REVIEW CONSTITUTES APPROVAL FOR OBTAINING BUILDING PERMITS ON

All construction and/or use of equipment in the right-of-way and/or easements, requires a separate Public Works Department permit prior to start of construction.

Permit Requirements: Proof of existing sidewalk swale area conditions (pictures) and or posting of sidewalk/roadway bonds
(Public Works inspection of the right-of-way will be required prior to final sign-off on the C.C. / C.O., or the release of bonds.)

Approved/Reviewed By: EMC Date: 03-27-2008

DEVON APARTMENTS
6881 INDIAN CREEK DRIVE
MIAMI BEACH, FLORIDA 33141



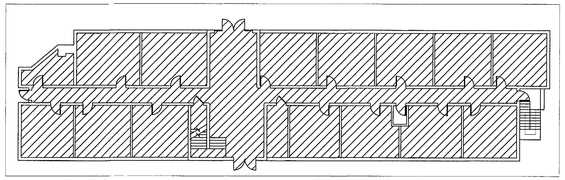
VICINITY MAP
SCALE: N.T.S

SEQUENCE OF OPERATION

A. **MANUAL PULL STATION:**
ACTIVATION OF ANY MANUAL PULL STATION SHALL AUTOMATICALLY OPERATE ALL AUDIBLE AND VISUAL APPLIANCES SIMULTANEOUSLY IN ALL THE FLOORS AND PRODUCE AN ALARM SIGNAL AT THE FACP. ALL MANUAL PULL STATION ALARM SIGNAL SHALL BE AUTOMATICALLY TRANSMITTED TO THE FIRE ALARM CONTROL PANEL AND TO **LISTED CENTRAL STATION** AS ALARM SIGNAL CONDITION.

B. **SMOKE DETECTOR:**
ACTIVATION OF ANY SMOKE DETECTOR SHALL AUTOMATICALLY OPERATE ALL AUDIBLE AND VISUAL APPLIANCES SIMULTANEOUSLY IN ALL THE FLOORS AND PRODUCE AN ALARM SIGNAL AT THE FACP. ALL SMOKE DETECTOR ALARM SIGNAL SHALL BE AUTOMATICALLY TRANSMITTED TO THE FIRE ALARM CONTROL AND TO **LISTED CENTRAL STATION** AS ALARM SIGNAL CONDITION.

H. **TROUBLE SIGNALS**
LOSS OF PRIMARY POWER, SHORT CIRCUIT, OPEN FAULTS, GROUND FAULTS, MISSING DETECTORS ABNORMAL DETECTOR STATUS (DIRTY DETECTOR, REPLACEMENT INCOMPATIBLE WITH THE DISTINCT ADDRESS, DISABLE DEVICES AND ABNORMAL CONTROL FUNCTIONS SHALL INITIATE AUDIBLE AND VISIBLE TROUBLE SIGNALS AT THE FACP AND REMOTE ANNUNCIATOR. AUDIBLE TROUBLE SIGNALS SHALL SOUND UNTIL SILENCED. SILENCED TROUBLE SIGNALS SHALL BE CONTINUOUSLY INDICATED BY A TEXTUAL MESSAGE AND A TROUBLE LED UNTIL RESTORED TO NORMAL OPERATION. THE TROUBLE LED SHALL REMAIN ILLUMINATED UNTIL ALL ABNORMAL CONDITIONS ARE CLEARED. UPON RETURN TO NORMAL OPERATION, THE AUDIBLE TROUBLE SIGNAL SHALL RESOUND UNTIL RESTORED TO NORMAL POSITION. SUBSEQUENT TROUBLE EVENTS SHALL RESOUND AUDIBLE TROUBLE SIGNALS UNTIL SILENCED. ALL TROUBLE EVENTS SHALL AUTOMATICALLY BE TRANSMITTED TO **LISTED CENTRAL STATION** AS A **TROUBLE** SIGNAL.



BUILDING KEY PLAN
SCALE: N.T.S

SCOPE OF WORK:
REPLACE THE EXISTING FIRE ALARM SYSTEM IN ACCORDANCE WITH NFPA 72, STATE, AND LOCALLY ADOPTED CODES AND ORDINANCES.
EXISTING SYSTEM SHALL REMAIN FUNCTIONAL UNTIL NEW SYSTEM IS INSTALL AND TESTED. SCOPE OF WORK INCLUDE ALL LABOR, EQUIPMENT, MATERIAL AND SERVICES TO FURNISH AND INSTALL ALL DEVICES. UPGRADE TO CURRENT FIRE CODES.
REMOVE THE EXISTING FIRE ALARM SYSTEM, EQUIPMENT, COMPONENTS, AND RELATED EQUIPMENT. THE NEW SYSTEM SHALL BE CLASSIFIED AS A LISTED CENTRAL STATION.
EXISTING PANEL FIRE-LITE MODEL MP12.
NEW PANEL NOTIFIER MODEL SFP-5UD

EXISTING BUILDING DATA:
OCCUPANCY TYPE: APARTMENT
TOTAL SQUARE FOOTAGE: 8956 SQ. FT.
CONSTRUCTION TYPE: I, II
STORIES: 2
CEILING: < 9' TYPICAL FLOOR

APPLICABLE CODES:
BASIC CONSTRUCTION AND DESIGN REQUIREMENTS AND CODE COMPLIANCE.

STATE CODE OF REGULATION:
THE INSTALLATION OF THE FIRE ALARM SYSTEM SHALL COMPLY WITH THE CURRENT STATE, COUNTY, LOCAL, MUNICIPAL AHJ ADOPTED CODES OR ORDINANCES THAT ARE IN WRITTEN FORM.

FLORIDA BUILDING CODE 2010 EDITION & FLORIDA FIRE PREVENTION CODE FIFTH EDITION
THE INSTALLATION OF THE FIRE ALARM EQUIPMENT SHALL BE IN ACCORDANCE WITH **NFPA 1 FIRE CODE, 2012 EDITION - NFPA 72 NATIONAL FIRE ALARM CODE, 2010 EDITION - NFPA 101 LIFE SAFETY CODE, 2012 EDITION - NFPA 70 NATIONAL ELECTRIC CODE, 2011 EDITION**

ANY REQUESTED CORRECTIONS OR DISAPPROVALS SHALL BE IN WRITING WITH ADOPTED CODE, ORDINANCE OR OTHER REFERENCE LANGUAGE PER THE AHJ.

GENERAL NOTES:
- THE FIRE ALARM SERVICE, MAINTENANCE, TESTING AND MONITORING PROVIDER SHALL BE CENTRAL STATION SERVICE CERTIFIED.
- ALL EQUIPMENT SHALL BE NEW, UL LISTED
- ALL EQUIPMENT SHALL BE USED SPECIFIC AND LISTED FOR THE PURPOSE
- ALL EQUIPMENT SHALL BE COMPATIBLE.
- WIRING MINIMUM
  INITIATING CIRCUITS 18 / 2 FPLP (IDC)
  NOTIFICATION CIRCUITS 14 / 2 FPLP (NAC)
- CONDUIT, AS APPLICABLE SHALL BE 1/2" MIN. WITH A MAXIMUM FILL OF 40% OF INTERIOR CROSS-SECTIONAL AREA WHEN THREE OR MORE CABLES ARE CONNECTED WITH A SINGLE CONDUIT.
- CONDUIT SHALL BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC 2011 ED.)
- ALL FIRE ALARM SYSTEM CABLES AND WIRING INSTALLATION SHALL BE IN ACCORDANCE WITH LOCAL, STATE, NFPA OR FEDERAL REGULATIONS SPECIFICALLY WITH SECTION 760.

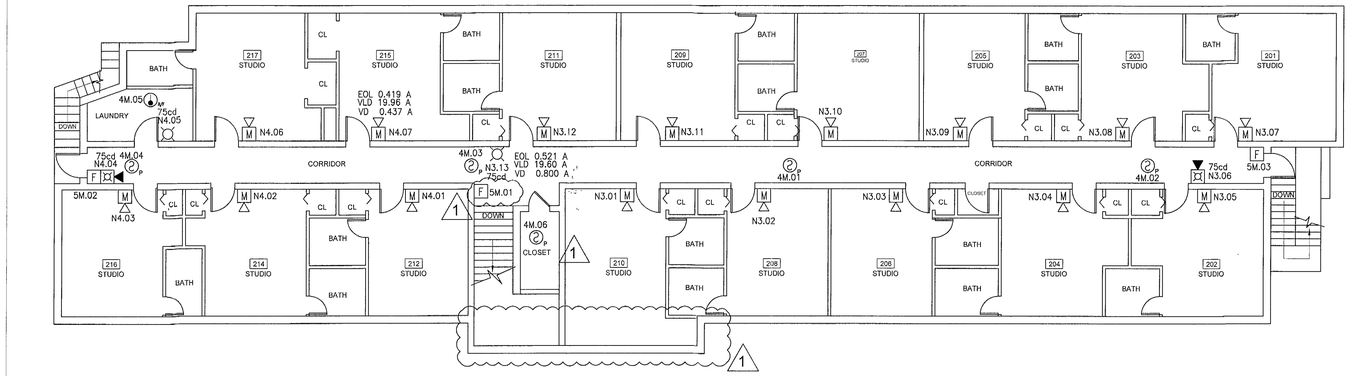
SYSTEM INSTALLATION:
- THE STATE OF FLORIDA LICENSED ELECTRICAL CONTRACTOR SHALL PROVIDE A 120 VAC 15 OR 20 AMP DEDICATED CIRCUIT FOR THE LOCATION OF THE FACP / FCPS AND OTHER PANELS REQUIRING PRIMARY POWER.
- THE CIRCUIT SHALL BE MECHANICALLY PROTECTED WITH A LISTED - BREAKER LOCK-OUT DEVICE THAT MEET OSHA 1910.147 (EXAMPLE DEVICE - MASTER LOCK #498) EXCEPTION: BREAKER LOCATED WITHIN LOCKED CABINET OR ROOM THAT IS ACCESSIBLE TO AUTHORIZED PERSONNEL ONLY. AS PER NFPA 72:10.6.5.2.3 (2010 ED.)
- THE MULTIPLE PANEL ARRANGEMENT IN A SINGLE LOCATION SHALL REQUIRE JUNCTION BOXES FOR 120 VAC CIRCUIT SPLICES. MULTIPLE CONDUCTORS UNDER SINGLE TERMINALS OR WIRE SPLICED WITHIN CONTROL PANEL EQUIPMENT WILL NOT BE ALLOWED.
- THE DEDICATED 120 VAC BRANCH CIRCUIT SHALL BE CLEARLY IDENTIFIED AND LABELED " **FIRE ALARM CIRCUIT**" IN RED.
- LOCATION OF THE CIRCUIT BREAKER CONNECTED TO EACH CONTROL PANEL SHALL BE LABELED WITHIN EACH CONTROL PANEL.
- POWER LIMITED WIRING SHALL BE SEPARATED FROM NON-POWER LIMITED WIRING AND CLASS 1 CIRCUITS A MINIMUM OF .25 INCHES OR AS INSTRUCTED BY THE CONTROL PANEL MANUFACTURER.
- ALL CIRCUITS WILL BE IDENTIFIED AT JUNCTIONS AND AT TERMINATION BY MEANS OF A DURABLE PERMANENT AND VISIBLE LABEL.
- ALL WIRING AND CABLING METHODS SHALL COMPLY WITH NATIONAL ELECTRICAL CODE 70 ARTICLE 760.
- WHERE FIRE ALARM CIRCUITS ENTER OR EXIT BUILDING TRANSIENT SURGE PROTECTION AND BONDING SHALL BE PROVIDE IN ACCORDANCE WITH NFPA 72 - 2010 EDITION - CHAPTER 12.
- NO "T" TAPPING OF FIELD WIRING IS ALLOWED ON SUPERVISED CIRCUITS, EXCEPTION: SLC/DATA CIRCUITS PER MANUFACTURER SPECIFICATION.
- ALL EQUIPMENT AND COMPONENTS SHALL BE COMPLIANT WITH NFPA 72 2010 EDITION AND INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURERS' INSTALLATION INSTRUCTIONS.
- CONSULT THE MANUFACTURER'S INSTALLATION MANUAL FOR ALL WIRING DIAGRAMS, SCHEMATIC, PHYSICAL EQUIPMENT SIZES, ETC. BEFORE BEGINNING THE SYSTEM INSTALLATION.
- ALL FIRE EQUIPMENT SHALL BE NRTL LISTED FOR THE PURPOSE OF THE INTENDED USE.
- WIRING FOR 24 VDC CONTROL, ALARM NOTIFICATION, EMERGENCY COMMUNICATION AND SIMILAR POWER LIMITED AUXILIARY FUNCTIONS MAY BE RUN IN THE SAME CONDUIT AS INITIATING AND SIGNALING LINE CIRCUITS. THE SYSTEM SHALL BE DESIGNED TO PERMIT SIMULTANEOUSLY OPERATION OF ALL CIRCUITS WITHOUT INTERFERENCE OR LOSS SIGNALS.
- CONNECTION BETWEEN FIRE ALARM SYSTEM AND THE HVAC SYSTEM FOR THE PURPOSE OF MONITORING AND CONTROL SHALL OPERATE AND BE MONITORED IN ACCORDANCE WITH APPLICABLE NFPA STANDARD.
- THE LOCATION OF THE DUCT DETECTOR SHALL BE DETERMINED OF SITE BY INSTALLATION PERSONNEL.
- A KNOX BOX WILL BE PROVIDED AND MOUNTED AT 5FT AFF. AT THE ENTRANCE DOOR AND BENEATH AN OVERHANG(IF POSSIBLE)
- ALL NEW WIRING INSTALLED IN DUCTS, PLENUMS AND OTHER SPACES USED FOR ENVIRONMENTAL AIR SHALL BE TYPE FPLP, HORIZONTAL CABLES MAY NE FPL AND RISER CABLES MAY BE PLR AS PER NEC 76.
- ALL SYSTEM SHALL BE TEST FREE OF GROUNDS.
- POWER-LIMITED MUST BE FREE OF GROUND.

RETRANSMISSION OF SIGNALS:
- THE FIRE ALARM SYSTEM SHALL BE EQUIPPED WITH AHJ ACCEPTABLE, NRTL CENTRAL STATION LISTED MEANS OF TRANSMISSION OF ALL SIGNALS TO AN AHJ ACCEPTABLE, NRTL LISTED CENTRAL STATION MONITORING STATION
- THE MEANS OF TRANSMISSION SHALL BE PROGRAMMED TO INITIATE AND COMPLETE A TEST SIGNAL EVERY 24 HOURS MINIMUM. EACH PATH CAN ALTERNATE 24 HOURS PERIODS AS LONG AS THE CENTRAL STATION RECEIVES A SIGNAL EVERY 24 HOURS
- A LOCAL TROUBLE SHALL SOUND AND IPS LOCATED SUCH THAT IT CAN BE HEARD WITHIN OCCUPIABLE SPACE IF ONE OF THE MEANS OF TRANSMISSION IS COMPROMISED OR FAILS ON A SIGNAL TRANSMISSION ATTEMPT. THE PROTECT PROPERTY CONTACT LIST WITH NAMES AND CALL NUMBERS OF AT LEAST THREE INDIVIDUALS RESPONSIBLE FOR THE PROTECTED PROPERTY SHALL BE PROVIDED TO THE **AHJ PRIOR TO CONDUCTING ACCEPTANCE TEST.**
- THE CENTRAL MONITORING STATION NAME, TELEPHONE NUMBER(S), ADDRESS AND ACCOUNT NUMBER FOR THE FACP SHALL BE LABELED BY MEANS OF A DURABLE PERMANENT METHOD WITHIN THE FACP.
- THE NRTL LISTED CENTRAL MONITORING STATION COMPANY IS:

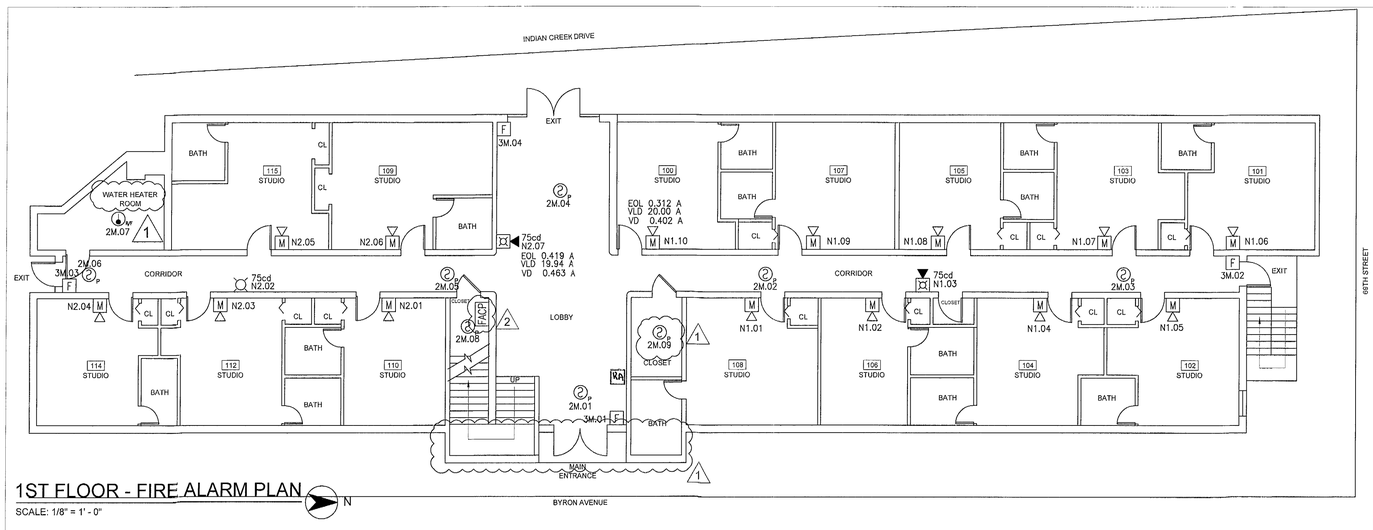
VOICE EVACUATION PANEL
SPEAKER CIRCUIT THAT CAN BE WIRED BOTH CLASS A OR B.
SPEAKER OUTPUTS SHALL BE FULLY POWER-LIMITED.
ALL SPEAKERS SHALL OPERATE ON 25 VRMS OR WITH FIELD SELECTABLE OUTPUT TAPS FROM 0.5 TO 2.0 WATTS
SPEAKERS IN CORRIDORS AND PUBLIC SPACES SHALL PRODUCE A NOMINAL SOUND OUTPUT OF 81 DBA AT 10 FEET.

THE VOICE/ALARM SIGNALING SERVICE SHALL BE TO PROVIDE AN AUTOMATIC RESPONSE TO A CONDITION INDICATIVE OF A FIRE EMERGENCY.
IF EMERGENCY VOICE/ALARM COMMUNICATION ARE USED TO NOTIFY ALL OCCUPANTS AUTOMATICALLY AND SIMULTANEOUSLY TO EVACUATE THE PROTECTED PREMISES DURING A FIRE EMERGENCY SHALL MEET THE REQUIREMENTS OF SECTION 6.0 OF NFPA 72.
A FIRE COMMAND CENTER SHALL BE PROVIDED AT A BUILDING ENTRANCE OR OTHER LOCATION APPROVED BY THE AUTHORITY HAVING JURISDICTION.

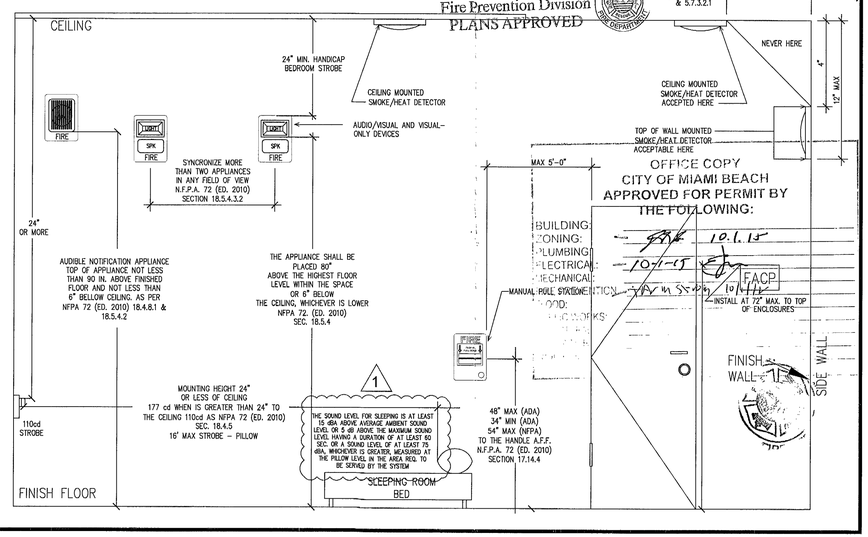
REVISION 1
1. ALL AREAS ARE LABELED.
2. THE FLOOR PLAN SHOW THE LAYOUT OF THE UNITS.
3. SEE THE SCOPE OF WORK - INSTALL THE NEW FIRE ALARM SYSTEM AND TESTED. THE NEW FIRE ALARM SYSTEM IS A FACP NOTIFIER MODEL SFP-5UD AND THE EXISTING FACP FIRE-LITE MP-12. SHALL REMAIN ON UNTIL THE NEW ALARM SYSTEM IS INSTALLED.
4. IN THE SCOPE OF WORK I SPECIFIED THE BUILDING HAS A FIRE ALARM SYSTEM.
5. THE SMOKE DETECTORS WAS ADDED TO THE SPECIFIED AREAS (CLOSETS).
6. THE WATER HEATER ROOM IS NOT A COMMON AREA.
7. THE MINI HORN WILL PROVIDE 75db AT THE PILLOW LEVEL AS PER NFPA 72, 2010 EDITION. AND THE NOTE IS IN THE NFPA HEIGHT REQUIREMENTS DETAILS IN SHEET FA-01.
8. THE NEW PULL STATION IS ADDED TO THE EXIST STAIR SECOND FLOOR.



2ND FLOOR - FIRE ALARM PLAN
SCALE: 1/8" = 1' - 0"



1ST FLOOR - FIRE ALARM PLAN
SCALE: 1/8" = 1' - 0"



City of Miami Beach
Fire Prevention Division
PLANS APPROVED

OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE SPRINKLER:
FIRE ALARM:
OTHER:
10.1.15
10-1-15

NOTICE: In addition to the requirement of this permit, there may be additional restrictions applicable to this property that may be found in the Public Records of this County, and there may be additional permits required from other governmental entities such as water management districts, state agencies and/or federal agencies.
City of Miami Beach assumes no responsibility for accuracy of or results from these plans which are approved subject to compliance with all Federal, State and Local Laws, Rules, and Regulations.

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 this County, and there may be additional permits required from other governmental entities such as water management districts, state agencies and/or federal agencies.
City of Miami Beach assumes no responsibility for accuracy of or results from these plans which are approved subject to compliance with all Federal, State and Local Laws, Rules, and Regulations.

REVISIONS
SUBMITTED 9/8/2015
REV. 9/15/2015
REV2 9/29/2015 BY FIELD AHJ

PROJECT
DEVON APARTMENTS
6881 INDIAN CREEK DRIVE
MIAMI BEACH, FL. 33141

DRAWING TYPE
1ST - 2ND FLOOR FIRE ALARM - NOTES

PREMIER FIRE ALARMS AND INTEGRATION SYSTEMS, INC.
430 ANSIN BLVD, SUITE 'M'
HALLANDALE BEACH, FL 33009
INTERTEK ETL CERTIFICATE OF COMPLIANCE 10107856ATL-001
STATE CERTIFIED EF20000777

CONTRACTOR

PME engineering corp.
Carlos Morales, Associate – c.a. 26543
Gregorio Batista, Associate – pe 52349
Robert Germain, Jr. – c.a. 42220
5230 South University Drive – Suite 101
Davie, FL 33328
Ph:954-680-3166
pmeengineering@comcast.net

FRANK GERMAIN, JR. LICENSE NUMBER 42220 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEP 30 2015

DATE: 09/03/2015
DRAWN BY: FM
CHECKED BY: RS
SHEET: FA-01 OF 02

System Current Draw - SFP-5UD/C

Current Draw	
C1	0.110 A
C2	0.214 A
C3	0.110 A
C4	0.214 A

	C1 - Primary Non-Alarm				C2 - Primary Alarm				C3 - Secondary Non-Alarm			
Device	**Qty**		**Draw**	**Total**	**Qty**		**Draw**	**Total**	**Qty**		**Draw**	**Total**
1. System												
Main Circuit Board	1	x	0.11000	0.11000	1	x	0.21400	0.21400	1	x	0.11000	0.11000
2. Optional modules												
	0	x	0.00100	0.00000	0	x	0.00100	0.00000	0	x	0.00100	0.00000
3. Additional Power Supplies												
	0	x	0.00000	0.00000	0	x	0.00000	0.00000	0	x	0.00000	0.00000
4. NAC Power - TB1 (maximum current - 2.5A per NAC)												
P2W75 Horn Strobe	4	x	0.00000	0.00000	4	x	0.17600	0.70400	4	x	0.00000	0.00000
SW75 Strobe	3	x	0.00000	0.00000	3	x	0.15800	0.47400	3	x	0.00000	0.00000
MHW Mini Horn	30	x	0.00000	0.00000	30	x	0.02900	0.87000	30	x	0.00000	0.00000
Other compatible devices	0	x	0.00000	0.00000	0	x	0.00000	0.00000	0	x	0.00000	0.00000
5. Annunciators												
	0	x	0.04500	0.00000	0	x	0.04500	0.00000	0	x	0.04500	0.00000
6. Resettable Power												
2W-B Smoke Detector	13	x	0.00005	0.00065					13	x	0.00005	0.00065
NBG-12S Pull Sation	7	x	0.00000	0.00000					7	x	0.00000	0.00000
IDC Circuits Used Minus 1					0	x	0.04000					
7. Compatible Devices not listed												
ADD Miscellaneous Device	0	x	0.00000	0.00000	0	x	0.00000	0.00000	0	x	0.00000	0.00000
			Total Non-	**0.111**			**Total Alarm**	**2.262**			**Total Standby**	**0.111**

C4 - Maximum Secondary Fire Alarm Current Draw

Only include those additional power supplies that are backed up by the control panels batteries.

Device	Qty		Draw	Total
Total Primary Alarm Load - C2			2.262	2.262
Other Power Supply	0	x	0.000	
Other Power Supply	0	x	0.000	
			Total Standby Alarm Load:	**2.262**

System Power Requirements

SFP-5UD/C Fire Alarm Control Panel

AC Branch Current Requirements **3.00** AMPS @ 120 VAC
Current required by source to power the fire

Primary Standby Load **0.11** Amps
Current load on the primary power supply during

Primary Alarm Load **2.26** Amps
Current load on the primary power supply during

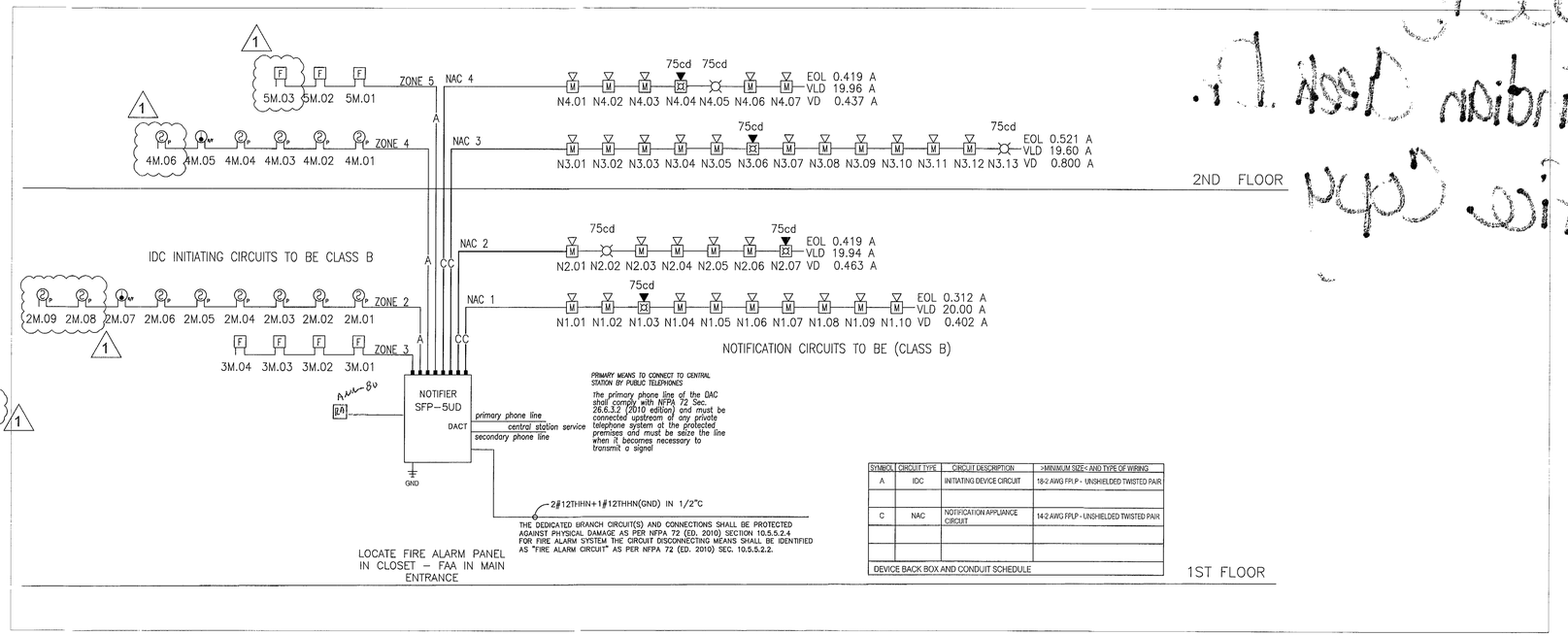
Secondary Load Requirements **3.19** Amp Hours
Total Secondary Load from the calculation table below.

Current Draw		Time (hours)	Total (AH)
Secondary Standby Load 0.111 A	x	Required Standby Time 24 hours	2.65
Secondary Alarm Load 2.262 A	x	Required Alarm Time 0.084 hours	0.19
		Total Secondary Load	2.84
		Derating factor	x 1.2
		Secondary Load Requirements	**3.41** AH

Battery Selection **7** Amp Hours
Select batteries from the list below.

7 AH BAT Battery (12 volt)

TWO 7 AH BAT (12 VOLTS)



SYMBOL	CIRCUIT TYPE	CIRCUIT DESCRIPTION	>MINIMUM SIZE< AND TYPE OF WIRING
A	IDC	INITIATING DEVICE CIRCUIT	18-2 AWG FP.P - UNSHIELDED TWISTED PAIR
C	NAC	NOTIFICATION APPLIANCE CIRCUIT	14-2 AWG FPLP - UNSHIELDED TWISTED PAIR
DEVICE BACK BOX AND CONDUIT SCHEDULE			

FACP NOTIFIER SFP-5UD	CIRCUIT NAME	SUPPLY VOLTAGE (VDC)	ALARM CURRENT QTY	Model	DEVICE	CURRENT EACH (AMP)	CURRENT TOTAL (AMP)	WIRE TYPE WG	OHMS/ 1000FT	LENGTH FEET	TOTAL RESISTANCE (OHMS)	VOLTAGE LAST DEVICE
FLOOR 1	CIRCUIT 1	20.4	9	MHW	Mini Horn White	0.017	0.153					
			1	P2W75	2-Wire Horn/Strobe 75 cd, white	0.176	0.176					
		PERCENT DROP			0	0.000	0.000					
		4.11%			0	0.000	0.000					
		VOLTAGE DROP										
		0.424	10				0.329	14	3.07	210	1.289	19.98
FLOOR 1	CIRCUIT 2	20.4	5	MHW	Mini Horn White	0.017	0.085					
			1	SW75	Strobe 75 cd, white	0.158	0.158					
		PERCENT DROP	1	P2W75	2-Wire Horn/Strobe 75 cd, white	0.176	0.176					
		5.24%			0	0.000	0.000					
		VOLTAGE DROP										
		0.463	7				0.419	14	3.07	180	1.105	19.94
FLOOR 2	CIRCUIT3	20.4	11	MHW	Mini Horn White	0.017	0.187					
			1	SW75	Strobe 75 cd, white	0.158	0.158					
		PERCENT DROP	1	P2W75	2-Wire Horn/Strobe 75 cd, white	0.176	0.176					
		6.51%			0	0.000	0.000					
		VOLTAGE DROP										
		0.800	13				0.521	14	3.07	250	1.535	19.60
FLOOR 2	CIRCUIT 4	20.4	5	MHW	Mini Horn White	0.017	0.085					
			1	SW75	Strobe 75 cd, white	0.158	0.158					
		PERCENT DROP	1	P2W75	2-Wire Horn/Strobe 75 cd, white	0.176	0.176					
		5.24%			0	0.000	0.000					
		VOLTAGE DROP										
		0.437	7				0.419	14	3.07	170	1.044	19.96

NOMINAL SYSTEM VOLTAGE	20.4	18-14 AWG = SOLID CONDUCTORS	END OF LINE METHOD
TOTAL CIRCUITS CURRENT	1.688	12-10 AWG = STRANDED CONDUCTORS	NOMINAL SYS VOLTAGE 8

STANDARD WIRE RESISTANCE IN OHMS PER 1000 FEET - 18=7.77, 16=4.89, 14=3.07, 12=1.98, 10=1.24

VOLTAGE DROP CALCULATION FOR THE FACP NOTIFIER - MODEL SFP-5UD LOCATED IN THE MAIN ENTRANCE

CIRCUIT SPECIFICATIONS TABLE A.12.3(c) NFPA 72 (2010)

PERFORMANCE OF INITIATING DEVICES CIRCUITS (IDC)

CLASS	B			A			COMMENT
	ALM	TRBL	ARC	ALM	TRBL	ARC	
ABNORMAL CONDITIONS	1	2	3	4	5	6	
SINGLE OPEN	–	X	–	X	R		
SINGLE GROUND	–	X	R	–	X	R	

FUNCTION:
ALM = ALARM
TRBL = TROUBLE
ARC = ALARM RECEIPT CAPABILITY DURING ABNORMAL CONDITION
R: REQUIRED CAPABILITY
X: INDICATE REQUIRED AT PROTECTED PREMISES AND AS REQUIRED BY CHAPTER 26.

CIRCUIT SPECIFICATIONS TABLE A.12.3(c) NFPA 72 (2010)

NOTIFICATION APPLIANCE CIRCUITS (NAC) – TABLE A.12.3(c) NFPA 72 (2010)

CLASS	B		A		COMMENT
	TROUBLE INDICATION AT PROTECTED PREMISES	ALARM CAPABILITY DURING ABNORMAL CONDITIONS	TROUBLE INDICATION AT PROTECTED PREMISES	ALARM CAPABILITY DURING ABNORMAL CONDITIONS	
ABNORMAL CONDITIONS	1	2	3	4	
SINGLE OPEN	X	–	X	R	
SINGLE GROUND	X	R	X	R	
WIRE-TO-WIRE SHORT	X	–	X	–	

X = INDICATION REQUIRED AT PROTECTED PREMISES AS REQUIRED BY CHAPTER 26.
R = REQUIRED CAPABILITY

FIRE ALARM SYMBOLS LEGEND

SYMBOL	QTY	DESCRIPTION	MODEL NUMBER
FACP		FIRE ALARM CONTROL PANEL	NOTIFIER MODEL SFP-5UD
S		PHOTOELECTRIC SMOKE DETECTOR	SYSTEM SENSOR MODEL 2W-B
F		MANUAL PULL STATION	NOTIFIER MODEL NBG-12L
H/R		HEAT DETECTOR	SYSTEM SENSOR MODEL 5601-P
		STROBE - WALL APPLICATION	SYSTEM SENSOR MODEL SW
		HORN STROBE - INDOOR - WALL APPLICATION	SYSTEM SENSOR MODEL P2W
M		MINI HORN - INDOOR - WALL APPLICATION	SYSTEM SENSOR MODEL MHW

OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:
BUILDING:
ZONING:
PLUMBING:
ELECTRICAL:
MECHANICAL:
FIRE PREVENTION:
POOL:
PUBLIC WORKS:
City of Miami Beach
Fire Prevention Division
PLANS APPROVED

REVISIONS
SUBMITTED 9/8/2015
REV. 9/15/2015
REV2 9/29/2015 BY FIELD AHJ

PROJECT
DEVON APARTMENTS
6881 INDIAN CREEK DRIVE
MIAMI BEACH, FL. 33141

DRAWING TYPE
BATTERY CALCULATION - RISER DIAGRAM

PREMIER FIRE ALARMS AND INTEGRATION SYSTEMS, INC.
430 ANSIN BLVD, SUITE 'M'
HALLANDALE BEACH, FL 33009
INTERTEK ETL CERTIFICATE OF COMPLIANCE 1010378566A/TL-001
STATE CERTIFIED EF20000777

CONTRACTOR
Premier Fire Alarm Systems

FRANK GERMAN ROBERT JR. LICENSE 42220 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEP 30 2015

PME engineering corp
Carlos Morales, Associate – c.a. 26543
Gregorio Batista, Associate – pe 52349
Robert German, jr. – c.a. 42220
5230 South University Drive – Suite 101
Davie, FL 33328
Ph: 954-680-3166
pmeengineering@comcast.net

DATE: 09/03/2015
DRAWN BY: FM
CHECKED BY: RS
SHEET: FA-02 OF 02

BREV160018
6881 Indian Creek Dr.
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