

e-Permitting

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Resident

Visitor

Business

Employee

MUNICIPAL INSPECTION REQUIREMENTS AND RECORD 08/04/2020
 MUNICIPAL NO.2020-062442 FOLIO: 3220240090080
 JOB SITE ADDRESS 14000 NW 57 CT
 PROPOSED USE MANUFACTURING
 LEGAL 24 52 40 5.99 AC M/L MIAMI LAKES IND PARK SEC 2
 APPLICATION TYPE NEW 0 SQFT 0 UNITS 0 FLOORS
 OWNER NAME US PHARMA LTD
 CONTRACTOR CHI ALARMS INC
 QUALIFIER CHI RENE
 PERMIT TYPE MUNICIPAL ELEC
 CATEGORIES 0004 MUNICIPAL FIRE ALARM

DATE: 8/04/2020 PROCESS NUMBER: M2020015256 NEW *AMOUNT PAID 776.67
 FIRE 9872 ALTERATIONS 121.80 FIRE 6 FIRE ALARM AC 175.93
 FIRE 1 FIRE ALARM UP 117.70 FIRE 1 SRI PLAN REVI 223.82
 FIRE 1 SRI PLAN REVI 223.82 FRWK 298 1ST FIRE MAJO 149.00
 UBS1 1 BLDG 7.5% UPF 1.88 UPMU 1 UPFRONT FEE F 25.00

7/31/2020 09:14 BNZWEB1 182007310363 WEBIPAS 776.67

MUNICIPAL INSPECTION REQUIREMENTS AND RECORD 08/04/2020
 MUNICIPAL NO.2020-062442 PROCESS NO. M2020015256 FOLIO: 3220240090080
 JOB SITE ADDRESS 14000 NW 57 CT
 PROPOSED USE MANUFACTURING

REQUIRED INSPECTIONS INIT DATE
 FIRE
 0004 FIRE ALARM
 209 FIRE FINAL

MUNICIPAL INSPECTION REQUIREMENTS AND RECORD 08/04/2020
 MUNICIPAL NO.2020-062442 PROCESS NO. M2020015256 FOLIO: 3220240090080
 JOB SITE ADDRESS 14000 NW 57 CT
 PROPOSED USE MANUFACTURING

TO SCHEDULE A FIRE INSPECTION, PLEASE VISIT THE WEB AT
WWW.MIAMIDADE.GOV/BUILDING OR WWW.MIAMIDADE.GOV/FIRE. YOU WILL
 NEED TO PROVIDE YOUR TEN DIGIT MUNICIPAL INSPECTION NUMBER AND
 INSPECTION TYPE. THE INSPECTION TYPE CAN BE FOUND ON YOUR
 INSPECTION REQUIREMENTS AND RECORDS CARD.

IF YOU HAVE ANY QUESTIONS OR CONCERNS REGARDING AN INSPECTION,
 SCHEDULING A PRELIMINARY INSPECTION, OR LOAD BANK TEST
 INSPECTION, PLEASE CALL FIRE PREVENTION AT 786-331-4800.

IF YOU HAVE ANY QUESTIONS OR CONCERNS REGARDING A PLAN REVIEW,
 PLEASE CALL FIRE ENGINEERING AT (786) 315-2771.

****BE ADVISED THIS IS NOT A PERMIT. PERMIT IS TO BE ISSUED BY
YOUR CORRESPONDING MUNICIPAL BUILDING DEPARTMENT.**

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E-mail your comments, questions and suggestions to [Webmaster](#)
This page was last edited on: February 23, 2004

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MIAMI-DADE COUNTY
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

<http://www.miamidade.gov/building/home.asp>

7/31/2020 9:14:11 AM

Tracking #	Process #	Permit #
3220015256	M2020015256	2020062442

THIS COPY OF PLANS MUST BE AVAILABLE ON BUILDING SITE OR AN INSPECTION WILL NOT BE MADE.

Process #	Review	Disposition	Reviewer	Date
M2020015256	UPFRONT FEES	A	WEB APPLICATION ID	7/27/2020
M2020015256	FIRE	A	MARCHI, MICHAEL	7/30/2020

Disclaimer.

Subject to compliance with all Federal, State, and County Laws, rules and regulations. Miami-Dade County assumes no responsibility for accuracy of or results of these plans.

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to the 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.

Stamp Name	Trade	Disposition	Stamp Description
Approved As Noted	FIRE	P	Approved as noted. See comments, markups and stamps.
APPROVED-SCOPE ONLY	FIRE	A	APPROVAL FOR SCOPE OF WORK ONLY EXISTING PORTIONS OF BUILDINGS SHALL COMPLY WITH THE PROVISIONS OF EXISTING OCCUPANCIES AS SET FORTH IN THE FL FIRE PREVENTION CODE
Disapproved	FIRE	D	DISAPPROVED



Applicant ID No: 100039-032
 Service Center No: 1
 Expires: 31-MAR-2021

CERTIFICATE OF COMPLIANCE

THIS IS TO CERTIFY that the Alarm Service Company indicated below is included by Underwriters Laboratories Inc. (UL) in its Product Directories as eligible to use the UL Listing Mark in connection with Certificated Alarm Systems. The only evidence of compliance with UL's requirements is the issuance of a UL Certificate for the Alarm System and the Certificate is current under UL's Certificate Verification Service. This Certificate does not apply in any way to the communication channel between the protected property and any facility that monitors signals from the protected property unless the use of a UL listed or Classified Alarm Transport Company is specified on the Certificate.

Listed Service From: **MIAMI LAKES, FL**

Alarm Service Company: (100039-032)

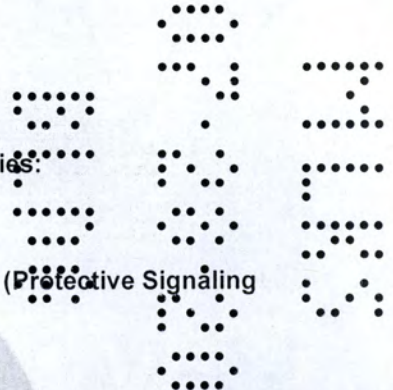
CHI ALARMS INC.
 14070 NW 82ND AVE
 MIAMI LAKES FL 33016-1547

Service Center: (100039-032)

CHI ALARMS INC.
 14070 NW 82ND AVE
 MIAMI LAKES FL 33016-1547

The Alarm Service Company is Listed in the following Certificate Service Categories:

File - Vol No.	CCN	Listing Category
S24065-1	UUFX	[Signal and Fire Alarm Equipment and Services] (Protective Signaling Services) Central Station



THIS CERTIFICATE EXPIRES ON 31-MAR-2021

"LOOK FOR THE UL ALARM SYSTEM CERTIFICATE"

Miami Dade County Department of Regulatory And Economic Resources - Job Copy

3220015256 - 7/31/2020 9:14:11 AM

Certificate of Compliance rnk 2020-07-29.pdf



RICK SCOTT, GOVERNOR

JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ELECTRICAL CONTRACTORS LICENSING BOARD

THE ALARM SYSTEM CONTRACTOR I HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

CHI, RENE

CHI ALARMS, INC.
14070 NW 82ND AVE
MIAMI LAKES FL 33016

LICENSE NUMBER: EF0000876

EXPIRATION DATE: AUGUST 31, 2020

Always verify licenses online at MyFloridaLicense.com



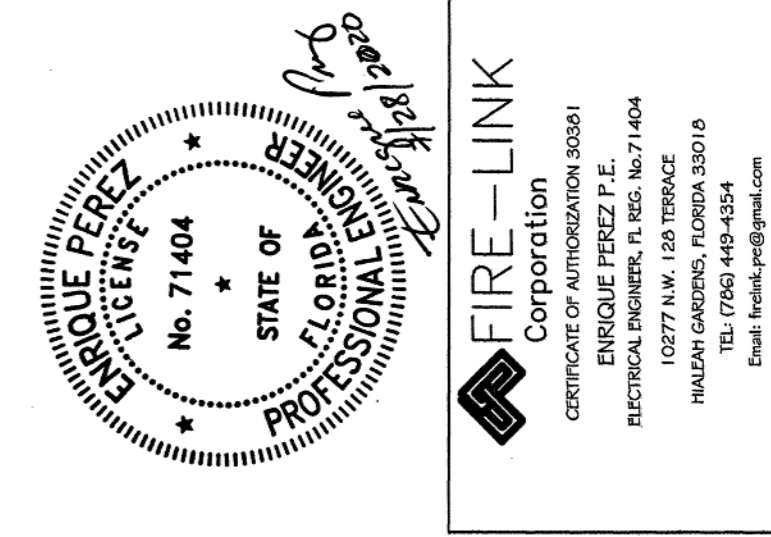
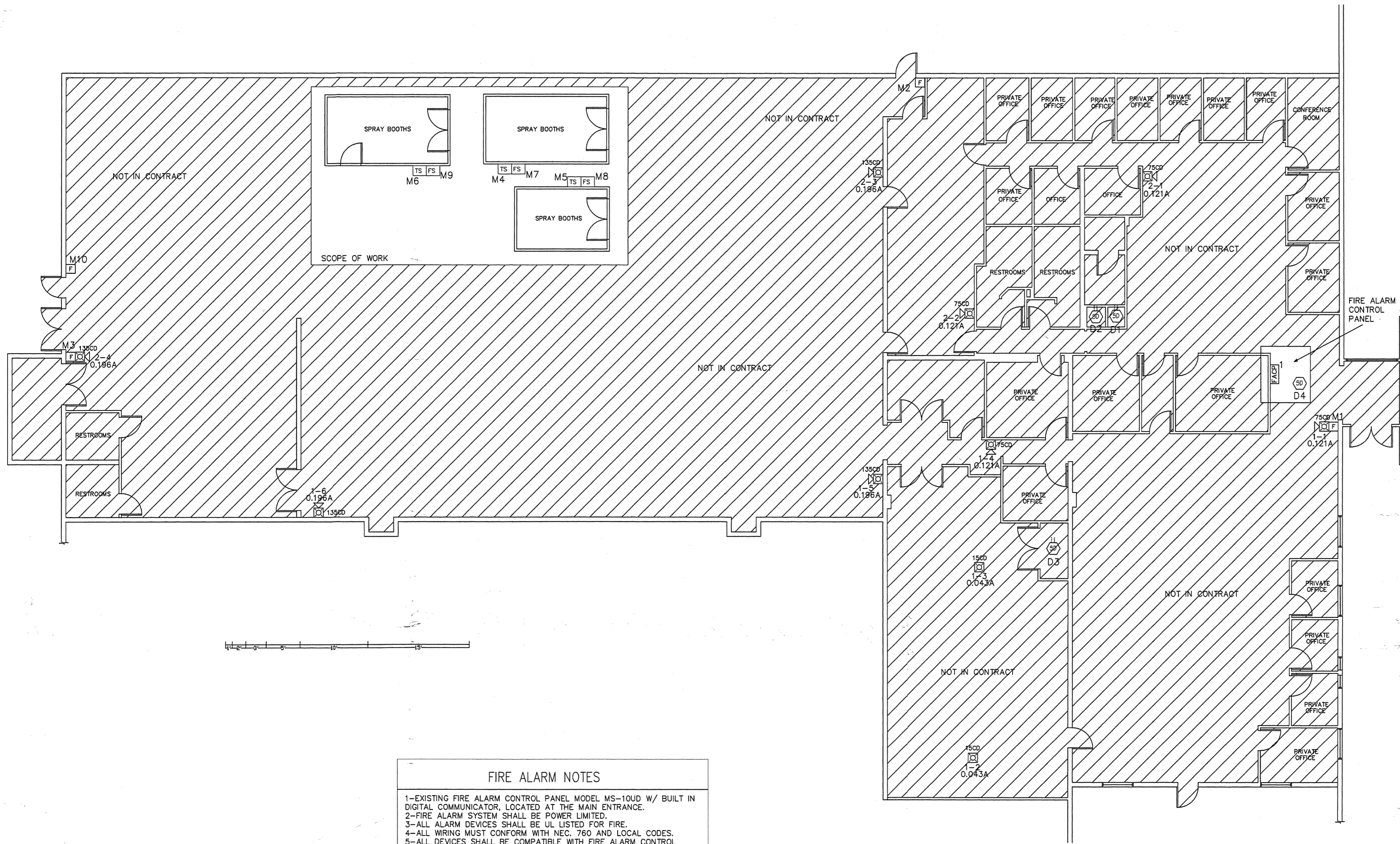
Miami Dade County Department of Regulatory And Economic Resources - Job Copy

3220015256 7/31/2020 9:14:11 AM

Contractor State License renewal 2020-07-29.pdf

Do not alter this document in any form.

It is unlawful for anyone other than the licensee to use this document.



FIRE-LINK
 Corporation
 CERTIFICATE OF AUTHORIZATION 30361
 ENRIQUE PEREZ P.E.
 ELECTRICAL ENGINEER, FL REG. NO. 71404
 10277 N.W. 100 TERACE
 MIAMI, FL 33156
 TEL: (754) 449-4854
 Email: firelink-pe@firelink.com

SCOPE OF WORK
 SCOPE OF WORK CONSISTS OF INSTALLING NEW DEVICES TO AN EXISTING FIRE ALARM SYSTEM W AN MS-10UD PANEL. WE WILL BE ADDING 6 MONITOR MODULES TO SUPERVISE THE SPRINKLER SYSTEM. EXISTING DEVICES WILL REMAIN THE SAME. SEQUENCE OF OPERATION WILL REMAIN THE SAME.

Fire Inspector to verify that the visibility of the strobes has not been adversely affected by any of the rehabilitation work.

FIRE ALARM NOTES

- 1-EXISTING FIRE ALARM CONTROL PANEL MODEL MS-10UD W/ BUILT IN DIGITAL COMMUNICATOR, LOCATED AT THE MAIN ENTRANCE.
- 2-FIRE ALARM SYSTEM SHALL BE POWER LIMITED.
- 3-ALL ALARM DEVICES SHALL BE UL LISTED FOR FIRE.
- 4-ALL WIRING MUST CONFORM WITH NEC, 760 AND LOCAL CODES.
- 5-ALL DEVICES SHALL BE COMPATIBLE WITH FIRE ALARM CONTROL PANEL.
- 6-EXISTING BUILDING WITH 14,900.00 SQUARE FOOTAGE, FULLY FIRE SPRINKLERED.
- 7-DEDICATED 120VAC BRANCH CIRCUIT WITH LOCK FOR FACP POWER SUPPLIES. BREAKER @20 AMP IN ELECTRICAL ROOM.
- 9-EMT CONDUIT SHALL BE 1/2" MINIMUM.
- 10-PERCENTAGE FILL AT 40% MAXIMUM.
- 11-CONDUIT UP TO 8 FEET AND FREE WIRING.
- 12-CABLE 18/14 AWG FPLP @300V MIN & 12 AWG THHN OR ROMEX @ 600V MIN.
- 13-ALARM IS GENERAL TEMPORAL TONE ON ALL INITIATING DEVICES.
- 14-SYSTEM INITIATING CIRCUIT SHALL BE CLASS "B".
- 15-ALL CONTROL RELAY SHALL BE WITHIN 3 FEET OF DEVICES BEING CONTROLLED.
- 16-SYSTEM SIGNAL SHALL BE CLASS "B".
- 17-VISUAL ALARM TO COMPLY ANSI A117.1.4.26. COMPLY CODES (A)FLORIDA FIRE PREVENTION CODE (FFPC) SIX EDITION, (B) FLORIDA BUILDING CODE (FBC) 6TH. EDITION (2017), (C) NFPA 1, 2015 EDITION, "FIRE CODE", (D) NFPA 101, 2015' EDITION, "LIFE SAFETY CODE", (E) NFPA 72, 2013' EDITION, "NATIONAL FIRE ALARM CODE", (F) NFPA 70, 2014, EDITION, "NATIONAL ELECTRICAL CODE" (IF APPLICABLE)
- 18-WALL MOUNTED VISUAL DEVICES @ 80" TO 96" AFF BOTTOM OF LENS OR 6" FROM CEILING WHICHEVER IS LOWER & CEILING MOUNT.
- 19-STROBES 150D MINIMUM TO COMPLY WITH FLORIDA ACCESSIBILITY CODE.
- 20-HORN SHALL PROVIDE 150DB ABOVE AMBIENT.
- 21-HORN/STROBES AND STROBES ARE 75CD MINIMUM.
- 22-CEILING ARE FLAT AND 10 FEET HIGH OR LESS.
- 23-CEILING MOUNTED SMOKE DETECTORS SHALL NOT BE LOCATED IN A DIRECT AIRFLOW, NOR CLOSER THAN 3 FEET FROM AN AIR SUPPLY DIFFUSER.
- 24-MANUAL INITIATING DEVICES MOUNT @ 42" TO 54" AFF.
- 25-THIS IS A UL CENTRAL STATION FIRE ALARM.
- 26-REPORTING BY DIGITAL COMMUNICATOR.
- 27-BATTERY CALCULATION @ 24HR STANDBY AND 5 MINUTE IN ALARM.
- 28-SCOPE OF WORK OVER \$5,000.00.
- 29-EXISTING FIRE ALARM PANEL PROTECTED WITH SMOKE DETECTOR.
- 30-ROOM CONTAINING FIRE ALARM PANEL IS MECHANICALLY VENTILATED.
- 31-THE DESIGN INSTALLATION COMPLES WITH FBC, 2010 EDITION.
- 32-SPRAY BOOTHS ARE ONLY 10FT TALL AND DO NOT GO UP TO THE TOP OF THE WAREHOUSE CLGS.

SEQUENCE OF OPERATION

ACTIVATION OF ANY SMOKE DETECTOR, MANUAL STATION AND SPRINKLER WATERFLOW SHALL CAUSE THE FOLLOWING ACTIONS AND INDICATIONS:

INDICATE AT THE FIRE ALARM CONTROL PANEL VIA THE LCD ALPHANUMERIC DISPLAY.

SOUND THE AUDIBLE SIGNAL AND ILLUMINATE THE VISUAL SIGNAL.

REPORT AN ALARM SIGNAL TO UL CENTRAL STATION BY DIGITAL COMMUNICATOR.

ACTIVATION OF THE TAMPER SWITCH OR BACK FLOW SHALL CAUSE THE FOLLOWING ACTIONS AND INDICATIONS:

SOUND A LOCAL BUZZER AT THE MAIN CONTROL PANEL.

DISPLAY A SUPERVISORY ALARM MESSAGE AT THE MAIN CONTROL PANEL.

REPORT A SUPERVISORY SIGNAL TO UL CENTRAL STATION BY DIGITAL COMMUNICATOR.

ACTIVATION OF THE TROUBLE SIGNAL SHALL CAUSE THE FOLLOWING ACTIONS AND INDICATIONS:

SHALL SOUND A LOCAL BUZZER AT THE MAIN CONTROL PANEL.

DISPLAY A MESSAGE AT THE MAIN CONTROL PANEL LCD DISPLAY.

REPORT TROUBLE TO UL CENTRAL STATION BY DIGITAL COMMUNICATOR.

FIRE ALARM LEGEND		
SYMBOL	MODEL#	DESCRIPTION
FACP	MS-10UD	EXISTING FIRE ALARM CONTROL PANEL W/ BUILT IN COMMUNICATOR - NOTIFIER
F	NBG-12S	PULL STATION NOTIFIER
SD	FSP-851	SMOKE DETECTOR NOTIFIER
DN	DNR	DUCT DETECTOR NOTIFIER
CD	P2RL	HORN STROBE MULTICANDELA SYSTEM SENSOR
CD	SRL	STROBE MULTICANDELA SYSTEM SENSOR
M	NMM-100	MONITOR MODULE NOTIFIER
COL		END OF THE LINE RESISTOR
E		EXISTING DEVICES
ER		EXISTING DEVICES TO BE RELOCATE
N		NEW DEVICES TO INSTALL

Miami Dade County Department of Regulatory And Economic Resources - Job 3220015256 x 7/31/2020 9:14 AM
 F-1 rwk 2020-07-29
 Examiner Michael Marchi 7/31/2020
 Date Time Stamp
 Disp. Trade Stamp Name
 FIRE Approved As Noted

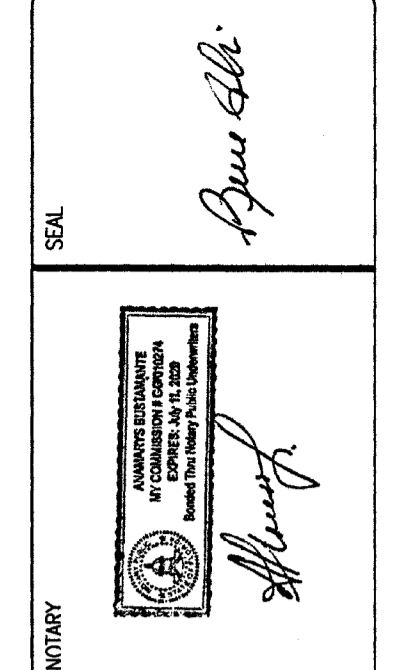
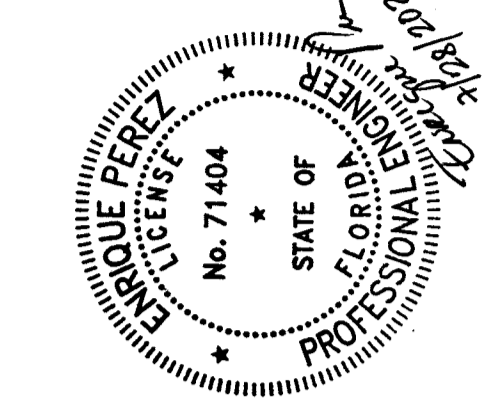
SEAL
 ENRIQUE PEREZ
 No. 71404
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

CHI ALARMS, INC
 14070 NW 82 AVE
 MIAMI LAKES, FL 33016
 PHONE 305-827-2856 FAX 305-825-2144

THE PROTECTIVE GROUP
 "POINBLANK"
 14000 NW 57 CT
 MIAMI LAKES, FL 33014

DATE : 07/28/20
 DRAWN BY: Gabriel Maytin
 SCALE: 1/8" = 1'

CHI ALARMS, INC.
 F-1
 SHEET 1 OF 2



DATE	DESCRIPTION
07/29/20	REVISION TO COMPLY WITH INSPECTOR COMMENTS.

CHI ALARMS, INC
 14070 NW 82 AVE
 MIAMI LAKES, FL 33016
 PHONE 305-827-2856 FAX 305-825-2144

THE PROTECTIVE GROUP
 "POINBLANK"
 14000 NW 57 CT
 MIAMI LAKES, FL 33014

DATE: 07/28/20
 DRAWN BY: Gabriel Maytin
 SCALE: 1/8" = 1'
F-2
 SHEET 2 OF 2

BATTERY CALCULATION FACP

STANDBY CURRENT	QTY.	TOTAL	ALARM CURRENT	QTY.	TOTAL
FACP	.140	.140	.160	1	.160
DETECTORS	.00045	.0018	.0018	4	.0072
PULL STATION	.00025	.0010	.0010	4	.0040
MONITOR MODULES	.00035	.0021	.0021	6	.0126
TOTAL STANDBY = .1449					
TOTAL ALARM = 2.0589					
STANDBY: 24HRS ALARM: 5 MIN. X 1/60 = .0833 HOURS					
REQUIRED STANDBY	TOTAL STANDBY	REQUIRED STANDBY AMP/HRS	REQUIRED ALARM TIME	TOTAL ALARM	REQUIRED ALARM CAP.
24 X	.1449	= 3.4776	.0833 X	12.0589	= .170887
REQUIRED STANDBY AMP/HRS.	REQUIRED ALARM CAP.	TOTAL REQUIRED CAP.	OPTIONAL SAFETY FACTOR	REQUIRED BATTERY CAP.	
3.4776 +	.170887	= 3.648	X 1.2 =	4.378	

BATTERY SIZE: 7.0 AMP HRS

N.A.C. VOLTAGE DROP CALCULATIONS FACP

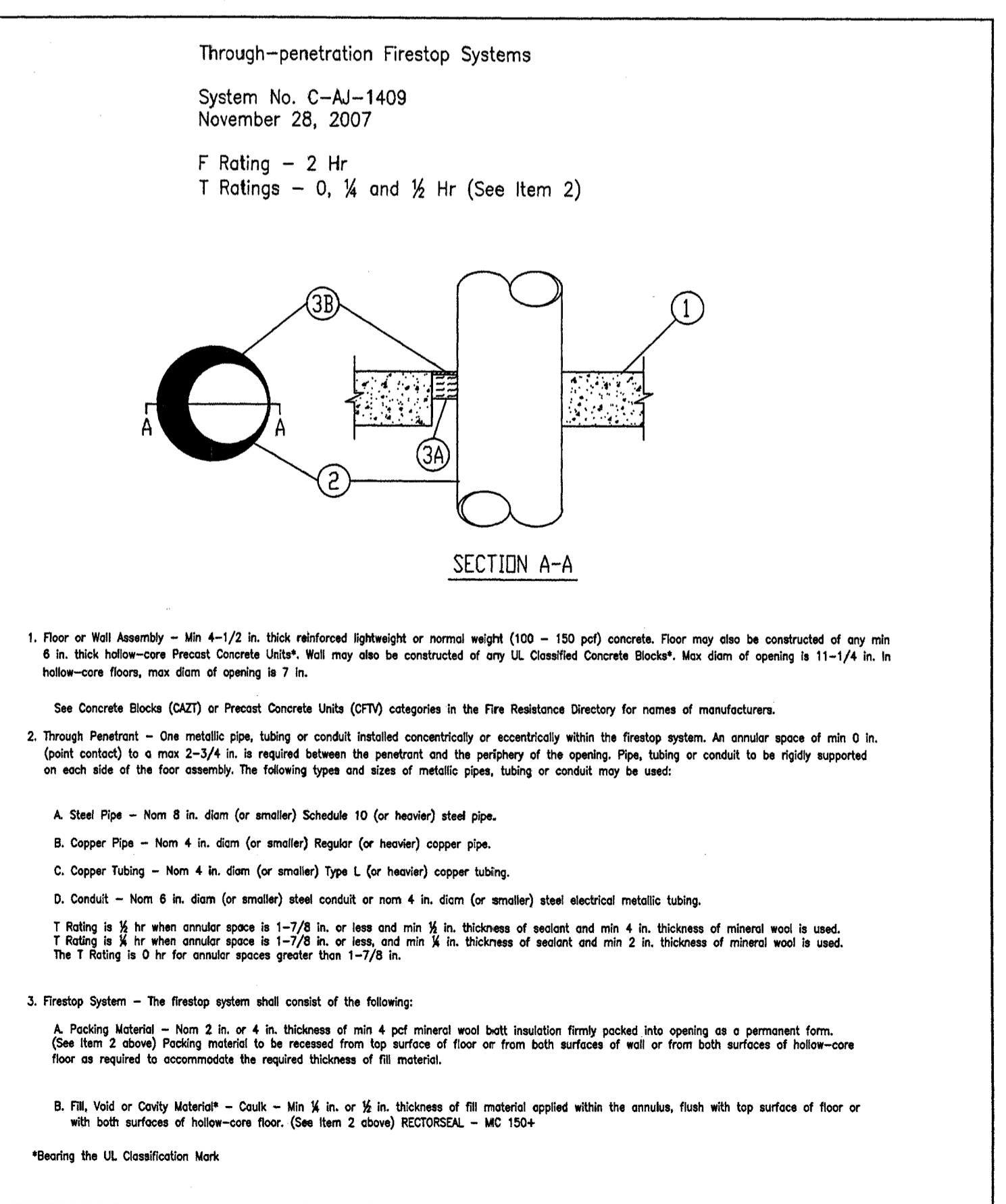
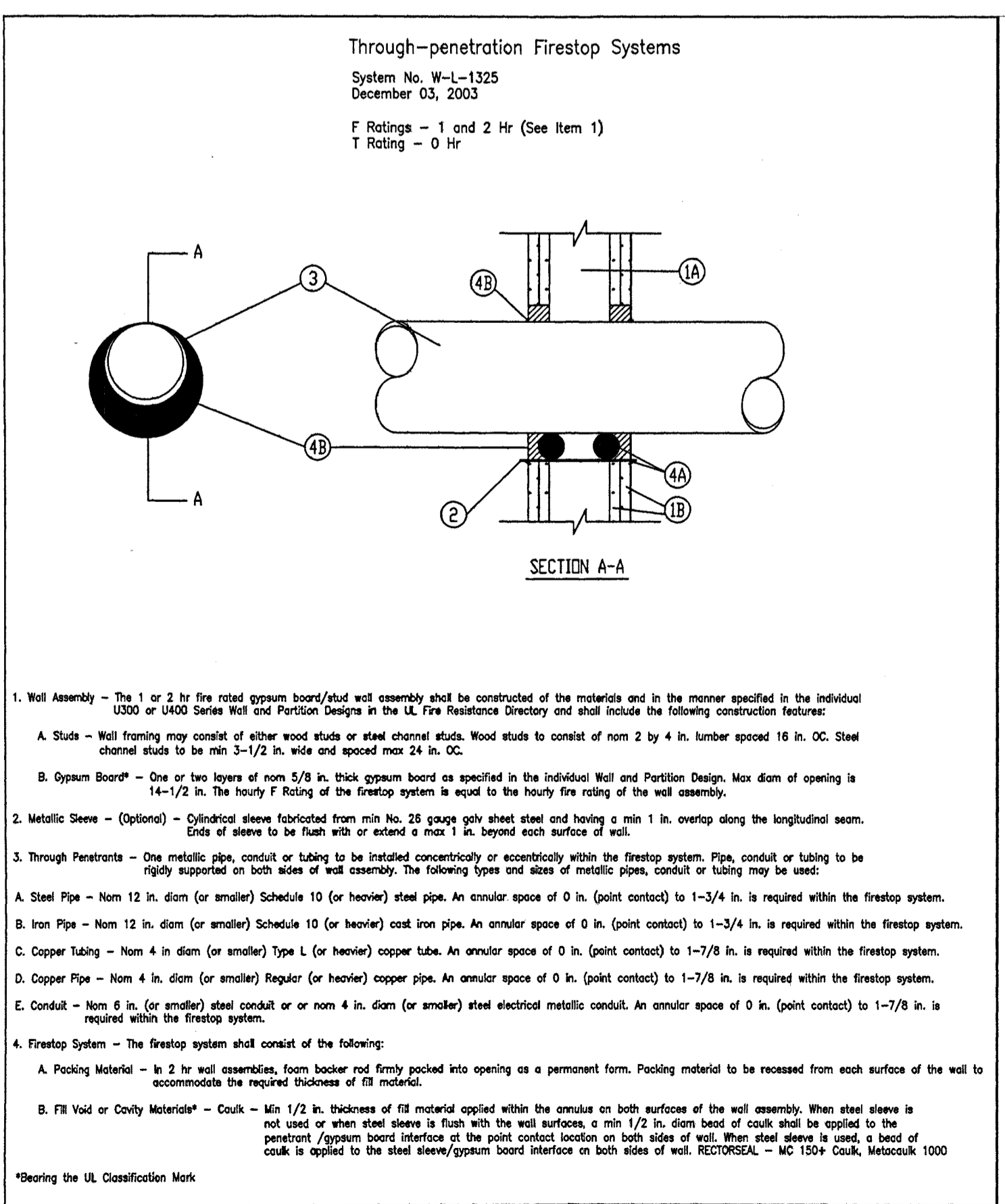
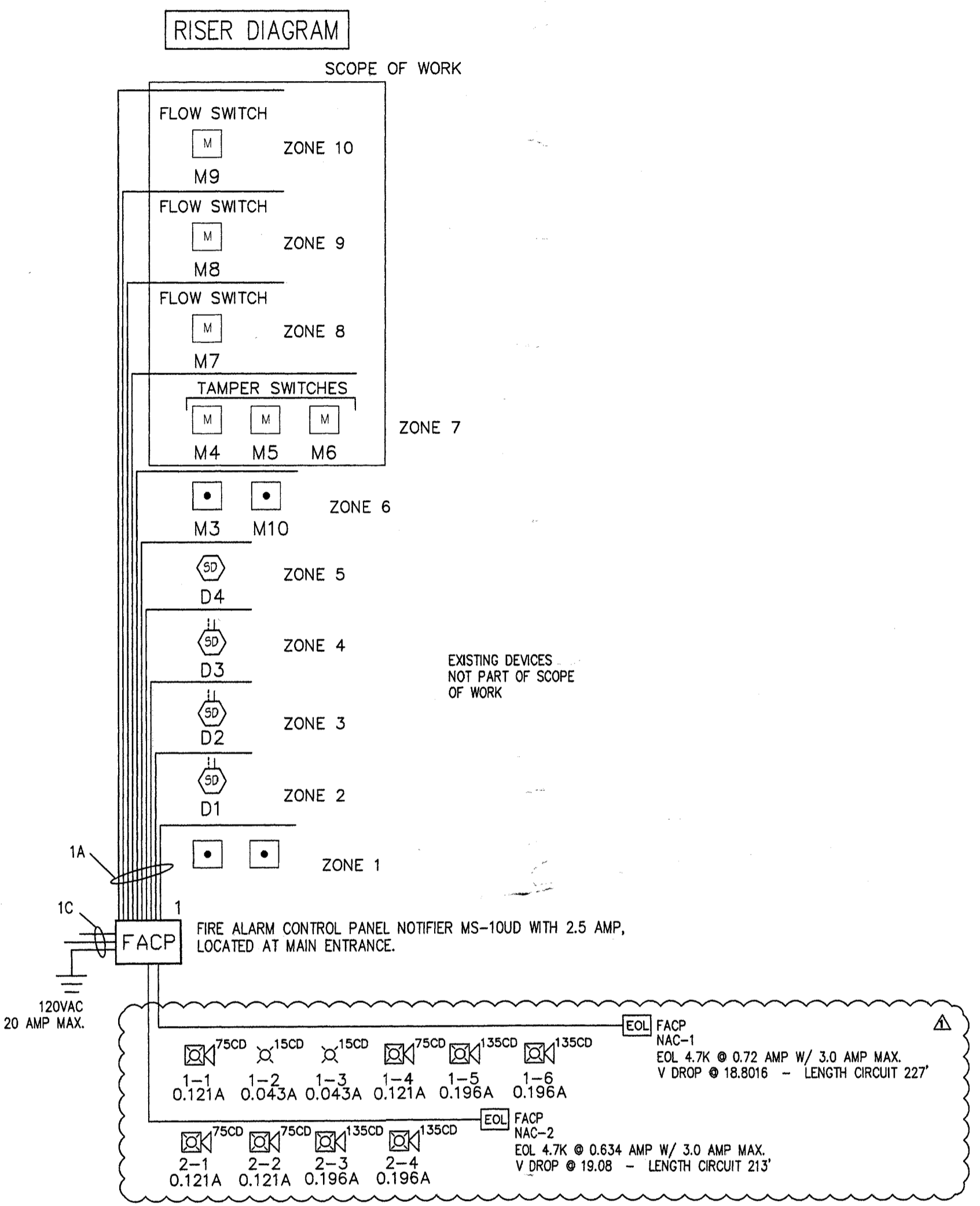
DC RESISTANCE FOR SOLID COPPER WIRES AT 75 DEGREES -C

SIZE	OHMS PER FOOT
18	0.00777
16	0.00489
14	0.00307
12	0.00193
10	0.00121

VALUES TAKEN FROM 2002 NEC CHAPTER 9 TABLE 8
 FORMULA FOR CALCULATION OF VOLTAGE DROP IN DC 2 WIRE CIRCUITS
 $VD = R \times 2 L \times I$
 WHERE VD = VOLTAGE DROP AT THE LAST DEVICE ON THE CIRCUIT
 R = RESISTANCE OF WIRE IN OHMS PER FOOT (VALUES OF RESISTANCE FOR COPPER WIRE PER TABLE ABOVE) I = TOTAL CIRCUIT CURRENT IN AMPERES
 L = LENGTH ONE WAY OF THE CIRCUIT IN FEET

STARTING VOLTAGE USED IN CALCULATIONS IS 20.4 PER U.L. & NFPA REQUIREMENTS

(INFORMATION PROVIDED BY CUSTOMER)



003689

Local Business Tax Receipt

Miami-Dade County, State of Florida

-THIS IS NOT A BILL - DO NOT PAY



3999365

BUSINESS NAME/LOCATION

CHI ALARMS INC
14070 NW 82ND AVE UNIT 6
MIAMI LAKES FL 33016

RECEIPT NO.

RENEWAL
4173795

**EXPIRES
SEPTEMBER 30, 2020**

Must be displayed at place of business
Pursuant to County Code
Chapter 8A - Art. 9 & 10

OWNER

CHI ALARMS INC
C/O RENE CHI

SEC. TYPE OF BUSINESS

196 SPEC ELECTRICAL CONTRACTOR
EF0000876

**PAYMENT RECEIVED
BY TAX COLLECTOR**

\$45.00 07/10/2019
ECHECK-19-216181

Worker(s) 2

This Local Business Tax Receipt only confirms payment of the Local Business Tax. The Receipt is not a license, permit, or a certification of the holder's qualifications, to do business. Holder must comply with any governmental or nongovernmental regulatory laws and requirements which apply to the business.

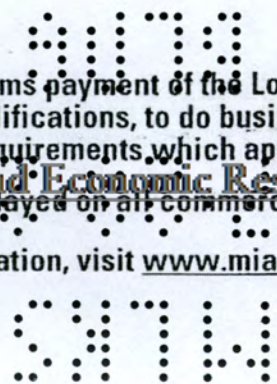
Miami Dade County Department of Regulatory And Economic Resources - Job Copy

The RECEIPT NO. above must be displayed on all commercial vehicles - Miami-Dade Code Sec 8a-276.

3220015256 - 7/31/2020 9:14:11 AM

For more information, visit www.miamidade.gov/taxcollector

LBT Receipt rwk 2020-07-29.pdf



Miami-Dade Department of Regulatory and Economic Resources CONTACT INFORMATION FOR PERMIT APPLICATION

FIRST NAME <i>(print clearly)</i> Gabriel	LAST NAME <i>(print clearly)</i> Maytin
MOBILE PHONE	OFFICE/HOME PHONE (305) 827-2856
EMAIL <i>(required so you can be notified on the status of your plans)</i> autocad@chialarms.com	
COMMENTS <i>(If you are submitting a municipal plan, please provide the municipal process number(s) and ensure the municipal application is in the office set of plans.)</i> Master #: BLC 2019-4934 M2020015256	

PLANS *(check all that apply)*

Please indicate if plans qualify for the following expedited plan reviews:

- | | | |
|--|---|--|
| <input type="checkbox"/> GOV'T PROJECT/DEPT _____ | <input type="checkbox"/> GREEN BLDG* <i>(new construction only)</i> | <input type="checkbox"/> PACE PROJECT* |
| <input type="checkbox"/> AFFORDABLE/WORKFORCE HOUSING* | <input type="checkbox"/> ECONOMIC SIGNIFICANCE* | <input type="checkbox"/> CONCIERGE |
- (*Pursuant to Ordinance 99-140; Ordinance 05-115; and Ordinance 08-51. Project may have additional requirements.)*

REQUESTED PLAN REVIEWS *(check all that apply for rework only)*

- | | | | | | |
|--------------------------------------|--|---|---|--|---|
| <input type="checkbox"/> ALL | <input type="checkbox"/> BLDG/HCAP | <input checked="" type="checkbox"/> ELEC | <input type="checkbox"/> ENRG | <input checked="" type="checkbox"/> FIRE | <input type="checkbox"/> ROOF |
| <input type="checkbox"/> LANDSCAPING | <input type="checkbox"/> MECH | <input type="checkbox"/> PLUM | <input type="checkbox"/> PWKS | <input type="checkbox"/> PWCC | <input type="checkbox"/> SIGN |
| <input type="checkbox"/> STRU | <input type="checkbox"/> ZNPR | <input type="checkbox"/> WASD | <input type="checkbox"/> PWIF | <input type="checkbox"/> LPGX | <input type="checkbox"/> SHOP DRAWING |
| <input type="checkbox"/> DERM CORE | <input type="checkbox"/> DERM AIR | <input type="checkbox"/> DERM AIRPORT | <input type="checkbox"/> DERM ASBESTOS | <input type="checkbox"/> DERM COASTAL | <input type="checkbox"/> DERM FLOOD |
| <input type="checkbox"/> DERM GREASE | <input type="checkbox"/> DERM INDUSTRIAL | <input type="checkbox"/> DERM PAVING & DRAINAGE | <input type="checkbox"/> DERM POLLUTION | <input type="checkbox"/> DERM PRE-TREATMENT | <input type="checkbox"/> DERM SOLID WASTE |
| <input type="checkbox"/> DERM TANKS | <input type="checkbox"/> DERM TREES | <input type="checkbox"/> DERM WATER TREATMENT | <input type="checkbox"/> DERM WETLANDS | <input type="checkbox"/> PERMIT BY AFFIDAVIT CHECK | <input type="checkbox"/> SHORT TERM EVENT AFFIDAVIT CHECK |

OPTIONAL PLAN REVIEWS *(check all that apply)*

- | | | | | |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <input type="checkbox"/> BLDG | <input type="checkbox"/> ELEC | <input type="checkbox"/> MECH | <input type="checkbox"/> PLUM | <input type="checkbox"/> STRU |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|

OPR DERM **INITIAL** REVIEWS *(check all that apply)*

- | | |
|------------------------------------|---|
| <input type="checkbox"/> DERM CORE | <input type="checkbox"/> DERM SPECIALTY <i>(You will be notified after core review is complete for additional fees)</i> |
|------------------------------------|---|

OPR DERM **REWORK** *(OPR for specialty only available at PIC)*

- | | | | | | |
|--------------------------------|-------------------------------------|-----------------------------------|--|-------------------------------|--|
| <input type="checkbox"/> TREE | <input type="checkbox"/> GREASE | <input type="checkbox"/> ASBESTOS | <input type="checkbox"/> COASTAL | <input type="checkbox"/> AIR | <input type="checkbox"/> PAVING & DRAINAGE |
| <input type="checkbox"/> TANKS | <input type="checkbox"/> INDUSTRIAL | <input type="checkbox"/> WETLAND | <input type="checkbox"/> PRE-TREATMENT | <input type="checkbox"/> CORE | <input type="checkbox"/> FLOOD |

FOR OFFICE USE ONLY

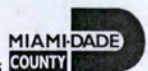
To be completed by Permit and Occupancy Representative or Plans Processing Specialist

APPLICATION DATE	CLERK NAME	ARRIVAL TIME
PROCESS NUMBER	PROCESS NUMBER	PROCESS NUMBER
3220015256 - 7/31/2020 9:14:11 AM <input type="checkbox"/> REVISUE <input type="checkbox"/> PLAN REVISION <input type="checkbox"/> REWORK <input type="checkbox"/> SHOP DRAWING		

Miami Dade County Department of Regulatory And Economic Resources - Job Copy

MDC Contact Form.pdf

Herbert S. Saffir Permitting and Inspection Center, 11805 SW 26th Street, Miami, Florida 33175-2474 T 786-315-2100 miamidade.gov/permits



MIAMI-DADE COUNTY
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
ELECTRICAL FEE SHEET

*Attention applicant: you are responsible for filling out this application correctly. If you have any questions concerning what category your work falls under, please see an inspector or processor for your trade. Refunds will not be given in case of error on your part and you will be charged a double fee for doing work without a permit. Minimum fee for electrical permits is \$166.63.

Under penalties of perjury, I declare that to the best of my knowledge, the facts stated in this document are true. I understand that perjury is a felony of the third degree.


Signature

(L.S.)

Category 01 General Electric

G080	Residential wiring (Please note the fee will be calculated based on the square footage on the master permit) (Includes all residential items under Category 01 except common areas of Group H occupancy South Florida Building Code (SFBC) or Group R Florida Building Code (FBC) and service change all groups)	0.10¢ per Sq. Ft.	# of Sq. Ft.	_____	_____
G081	Residential wiring alteration or repair including all residential items under category 01 except common areas of Group H occupancy (SFBC) or Group R (FBC) and service changes all groups	0.058¢ per \$1.00 in Value	Est. Value	_____	_____
G005	All other wiring/outlets (includes empty conduit system)	\$ 2.30 per Outlet	# of Outlets	_____	_____
G008	AC/refrigeration system elec. work	\$ 8.59 per Ton	# of Tons	_____	_____
G009	Fixture	\$ 2.30 per Fixture	# of Fixtures	_____	_____
G010	Plugmold Track Lighting	\$ 4.45 per 5 Feet	# of Ln. Ft.	_____	_____
G012	Generator/Transformer/Strip heater KW	\$ 10.03 per ea. 10 KW	# of KW	_____	_____
G025	Single station residential smoke detector—Carbon Monoxide Alarm (does not include outlet)	\$ 1.71 per Device	# of Device	_____	_____
G033	Electrical Feeders	\$ 17.18 per Feeder	# of Feeders	_____	_____
G034	Permanent Service to Buildings (Need master permit number)	\$ 6.45 per 100 Amps	# of Amps	_____	_____
G067	Repair or upgrade of existing service (If commercial and no building permit must be processed)	\$ 6.45 per 100 Amps	# of Amps	_____	_____
G082	Special outlets	\$ 10.03 per Outlet	# of Outlets	_____	_____
G041	Commercial equipment	\$ 10.03 per 10 KW	# of KW	_____	_____
G045	Electrical equipment (switchboard control board)	\$ 28.63 per Board	# of Boards	_____	_____
G083	Motors install repair or replace	\$ 12.89 each Motor	# of Motors	_____	_____
G076	Conduit ductbank	\$ 2.59 per Ln. ft.	# of Ln. ft.	_____	_____
G075	Time Clock	\$ 10.03 per Time Clock	# of Time Clocks	_____	_____
G077	Underground Manhole	\$143.11 per Manhole	# of Manholes	_____	_____
G073	Screen bonding ground	\$ 85.88 per Installation	# of Installations	_____	_____
G079	Safety check for reconnection	\$ 6.45 per 100 Amp	# of Amps	_____	_____
G079	Service disconnect	\$ 64.61 per jobs	# of Jobs	_____	_____
G122	Demolition	\$ 64.61 per structure	# of Structures	_____	_____
G132	Change appliances gas to electric (includes water heater)	\$ 10.03 per outlet	# of Outlets	_____	_____

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MDC Electrical Fee Sheet.pdf

Fee Code	Description	Fee Calculations	Units	# of Units	Fee
Category 02 Burglar Security Systems (Single Family Residences, Townhouses and Duplexes are exempt from permit requirements including any wireless alarm systems) (Must be on separate application)					
G130	Burglar Security System	\$ 40.00 per System	# of Systems	_____	_____
Category 04 Fire Alarm and Access Control (needs processing)					
G087	New systems and upgrades	\$178.90 per system	# of Systems	_____	_____
G088	Repair and additions to existing system	\$ 85.88 per system	# of Systems	1	\$85.88
G129	Access Control	\$128.64 per System	# of Systems	_____	_____
Category 06 Master T.V. Antenna (Single Family Residences, Townhouses and Duplexes exempt from permit requirements)					
G020	Master T.V.	\$ 28.63 Control	# of Controls	_____	_____
G120	Devices	\$ 1.71 per Device	# of Devices	_____	_____
G069	Repair to existing system	\$ 1.71 per Device	# of Devices	_____	_____
G113	Cable T.V.	\$ 64.61 per System	# of Systems	_____	_____
G114	Satellite Dishes	\$ 64.61 per System	# of Systems	_____	_____
Category 06 and 35 Combination Master T.V. Antenna/Telephone Communicators (Single Family Residences, Townhouses and Duplexes exempt from permit requirements)					
G121	Antenna & Communication	\$ 64.61 per System	# of Systems	_____	_____
Category 07 Sound & Intercom (Single Family Residences, Townhouses and Duplexes exempt from permit requirements)					
G093	New System (Other Groups)	\$128.81 per System	# of Systems	_____	_____
G094	Repair System	\$ 85.88 per System	# of Systems	_____	_____
Category 08 Utility Electrical (needs processing)					
Note: for replacement of power supplies in County rightway easement					
G099	Electrical Service	\$128.81 per Service	# of Services	_____	_____
Category 14 Temporary Service for Construction (Must list master Bldg. permit #) (Must have separate application)					
G002	Temp for Construction	\$130.00 per Service	# of Services	_____	_____
G078	Temp service for asbestos removal	\$130.00 per Service	# of Services	_____	_____
Category 15 Temporary for Test (ELEVATORS) (Good for 180 days two affidavits required. One affidavit to be kept at job site, other delivered to inspector's office) (Must have separate application)					
G038	Temp for Test (elevator)	\$130.00 per Elevator	# of Elevators	_____	_____
Category 16 Specialty Wiring (includes circus, carnival, fair and Christmas tree lots) (Must be processed if no building permit.)					
G086	Per ride or structure with electrical wiring	\$ 71.56 per Ride or Structure	# of Rides or Structures	_____	_____
Category 18 Energy Service Management					
G095	Per Floor	\$150.28 per Floor	# of Floors	_____	_____
G096	Repair per Floor	\$ 85.88 per Floor	# of Floors	_____	_____
Category 21 Agricultural Services (Must be processed by Zoning prior to Electrical review)					
G035	Agricultural Service (permanent) Includes pump and related equipment	\$130.00 per Service	# of Services	_____	_____
Category 22 Trailer Service (Must be processed if no building category 86)					
G036	Trailer Service (construction)	\$171.74 per Service	# of Services	_____	_____
G037	Trailer Service (residential)	\$130.00 per Service	# of Services	_____	_____
G008	A/C System Electrical work	\$ 8.59 per ton	# of Tons	_____	_____
Category 23 Swimming Pools (Must be tied to building permit except for repairs of electrical only)					
G026	Pool or Spa (Residential)	\$ 85.88 per Pool or Spa	# of Pools or Spas	_____	_____
G056	Pool/Spa (Residential)	\$128.81 per Pool or Spa	# of Pools or Spas	_____	_____
G059	Pool/Spa (Commercial)	\$271.93 per Pool or Spa	# of Pools or Spas	_____	_____
G097	Repair Residential Pool	\$ 85.88 per Pool or Spa	# of Pools	_____	_____
G098	Repair Commercial Pool	\$200.36 per Pool or Spa	# of Pools	_____	_____

Miami Dade County Department of Regulatory and Economic Resources - Job Copy

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MDC Electrical Fee Sheet.pdf

Fee Code	Description	Fee Calculations	Units	# of Units	Fee
Category 24 Free Standing Service (new meter where no building permit must be processed) Includes parking lot lighting poles, lawn sprinkler pump, etc.					
G099	Free Standing Service	\$128.81 per Service	# of Services	_____	_____
Category 26 Temp Service Test (good for 30 days) Two affidavits are required. One affidavit to be kept at job site, one to be delivered to inspector's office (Separate application).					
G031	Temp for Test (Commercial)	\$130.00 per Service	# of Services	_____	_____
Category 27 Interior Sign Architectural Feature (Must be processed) Inside structure only.					
G051	Linear Neon Strips	\$ 2.86 per ft.	# of Sq. Ft.	_____	_____
G013	Sq. Ft. of Sign	\$ 1.41 per Sq. Ft.	# of Sq. Ft.	_____	_____
G014	Repairs, reconnection	\$ 84.44 each	\$ of Repairs	_____	_____
Category 28 Lighting Pole (Parking lot lighting from poles) (Must be processed on separate application if no building permit; this will result in building fees being assessed by the plans examiner.)					
G084	Light Pole Standard (Single Family Residence or Duplex)	\$ 14.31 per Pole	# of Poles	_____	_____
G085	Light Pole Standard (Commercial)	\$ 21.48 per Pole	# of Poles	_____	_____
Category 29 Recreational Vehicle (temporary service for hurricane or emergency use only) (Must be processed by Zoning)					
G037	Trailer Service (Residential)	\$130.00 per Service	# of Services	_____	_____
Category 31 Change out of exact replacement of A/C. (This category is for Electrical Contractors and State Mechanical licensee's only)					
G043	Replace/relocate existing A/C Refrigeration Units by Tons	\$ 8.59 per Ton	# of Tons	_____	_____
G044	Replace/relocate existing A/C Refrigeration Units by KW	\$ 10.03 per KW	# of KW	_____	_____
Category 32 Data Communication Cables (Single Family Residences, Townhouses and Duplexes exempt from permit requirements)					
G110	Data Communication Cables	\$ 64.61 per System	# of Systems	_____	_____
Category 33 Central Vacuum (Single Family Residences, Townhouses and Duplexes exempt from permit requirements)					
G109	Central Vacuum	\$ 64.61 per System	# of Systems	_____	_____
Category 34 Solar Photovoltaic (Must be processed if no building permit)					
G126	Ground Mounted	\$325.00 per System	# of Systems	_____	_____
G127	Roof Mounted	\$325.00 per System	# of Systems	_____	_____
G135	Reinstallation of Existing Roof (Does not require processing) Mounted PV System	\$10.03 per Outlet	# of Outlets	_____	_____
(Please note original approved plans must be on-site at time of inspections)					
Category 35 Telephone & Communication (Single Family Residences, Townhouses and Duplexes exempt from permit requirements)					
G108	Telephone & Communication	\$ 64.61 per System	# of Systems	_____	_____
Category 36 Smart House System (Single Family Residences, Townhouses and Duplexes exempt from permit requirements)					
G112	Smart House System	\$ 64.61 per System	# of Systems	_____	_____
Category 38 Generators (Standalone) (To be used when there is no building permit and must be processed)					
G012	Generator	\$10.03 per ea. 10KW	# of KW	_____	_____
Category 39 Underwater Residential Pool Light Replacement or Removal (must be on separate application)					
G131	Underwater Residential Pool Light Replacement or Removal	\$ 65.00 per System	# of Systems	_____	_____

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MDC Electrical Fee Sheet.pdf

Category 41 Low Voltage Electrified Fence (Commercial properties only)					
G093	New System (Other Groups)	\$128.00 per System	# of Systems	_____	_____
G094	Repair System	\$ 85.88 per System	# of Systems	_____	_____
G134	Low Voltage Electrified Fence	\$ 40.00 per System	# of Systems	_____	_____



Miami-Dade Fire Rescue

Fire Alarm Pre-Submittal Checklist

Based On NFPA 72 2010 Ed. & NFPA 1 and 101 2012' Ed.



Building Dept. Process Number is (Begins with C or M): _____ Date: ____/____/____		YES	NO	N/A
1	Project Name: <u>The Protective Group - Paintblnk</u> is provided in title block of plans.			
2	Address in title block shall match address in "Building Dept. Computer System" and attached permit application. If address contains a specific building, floor, suite, or unit number or letter, it shall be provided in title block, to match Building Dept. Computer System.	✓		
3	The total cost of the installation to the customer is \$ <u>9,871.60</u> and a copy of the contract or a notarized affidavit from the owner showing this amount is attached.	✓		
4	Fire Alarm Systems costing more than \$5,000 are sealed or stamped by a Florida Registered Professional Engineer.	✓		
5	The total number of DEVICES and COMPONENTS being installed is _____.	✓		
6	The alarm qualifier's state license number is (EC)(E)(EH)(EY) # <u>0000876</u> and a copy is attached to plans.	✓		
7	Complete, current Manufacturer's Specification and Installation sheets are attached for all Control Units, Components, Appliances, Devices, Modules and Relays listed on Legend.	✓		
8	Is this permit application for fire alarm work a result of a Notice Of Violation (NOV) issued by Miami-Dade Fire Rescue? If yes, a copy of the Notice of Violation is attached.	✓		
9	This fire alarm: <input checked="" type="checkbox"/> is required under <u>NFPA-101</u> (fill in the Occupancy Chapter & Section from NFPA 101) or, <input type="checkbox"/> is a life safety equivalency or, <input type="checkbox"/> is a non-required system or component.	✓		
10	This is an "EXISTING (Local) Fire Alarm System" and is stated as such on the plans. AHJ will require documentation of prior approval of system as a (Local) Fire Alarm System in the form of the original Fire Dept. approved job copy set of fire alarm plans or, certified microfilm copy of same.			✓
11	This is a "NEW Local Fire Alarm System" and is stated as such on plans.			✓
12	This is an "EXISTING Central Station Service Fire Alarm System" and is stated as such on the Plans. A copy of the existing BUILDING UL or ETL certificate or FM Placard, specifically identifying this protected premise by address and, uniquely identifying this building's fire alarm system, is attached.	✓		
13	If the company that issued the existing certificate or placard for this building's fire alarm system is different than the company applying for this permit; is the required Affidavit to Work on another Company's Certificated or Placarded Fire Alarm System Provided?			✓
14	This is a NEW Certificated <input type="checkbox"/> or Placarded <input checked="" type="checkbox"/> "Central Station Service Fire Alarm System" and stated as such on the plans.	✓		
15	If this is a NEW "Central Station Service Fire Alarm System," a copy of the UL or ETL certificate of FM placard from the contractor or, from the Central Station Service Company, issuing the building certificate/placard, is attached.			✓
16	This is an "EXISTING Remote Supervising Station Fire Alarm System" and is stated as such on the plans. AHJ will require documentation of prior approval of system as a Remote Supervising Station Fire Alarm System in the form of the original Fire Dept. approved job copy set of fire alarm plans or, certified microfilm copy of same.			✓
17	This is an "EXISTING "Sprinkler Waterflow and Supervisory System" only and is stated as such on plans.	✓		
18	This is a NEW "Sprinkler Waterflow and Supervisory System" only and is stated as such on plans. The system is monitored off-site and provides emergency forces notification through a Certificated <input type="checkbox"/> or Placarded <input type="checkbox"/> "Central Station Service Fire Alarm" and is stated as such on the plans.			✓
19*	A complete detailed statement of the "SCOPE OF WORK" is stated on the plan. Please note that the complete tenant space, in its entirety, will be inspected for compliance with NFPA 72 (2010) and NFPA 101 (2012), or prior editions of these codes if applicable. Also outline scope of work with bolded dashed lines on floor plan and riser for existing systems.	✓		
20	The building is "New" <input type="checkbox"/> or, "Existing" <input checked="" type="checkbox"/> and is indicated as such on the plans.	✓		
21	A description of the building is provided, including fire sprinkler systems, fire suppression systems, number of stories, square footage per floor, and elevation of the last occupied floor if over 5 stories.	✓		
22	A location Key is provided showing the area of proposed work within the building. Also provided is a site key for projects with multiple buildings showing locations of all buildings with addresses	✓		
23	All interconnected Fire Alarm Control Panels are arranged to function as a single system and monitored for integrity per NFPA 72.	✓		
24	The Class is shown for all Initiating Device Circuits (IDC), Signal Line Circuits (SLC) and Notification Appliance Circuits (NAC).	✓		
25	The maximum number of each device type is provided for each IDC based on device load or each SLC, based on CLASS, per NFPA 72 and the manufacturer's specifications.	✓		
26	A specific "Sequence of Operation" including all alarm, supervisory, trouble and control functions such as fire sprinkler, door release, smoke control, elevator recall, suppression systems, and transmission of signals offsite, etc. are specified on the plan.	✓		
27	The type of monitoring station, (Listed Central Station, Remote Supervising Station, Listed Proprietary Supervising Station), where alarm, trouble, and supervisory signals are transmitted to, is clearly and concisely stated in the "Sequence of Operations"	✓		
28	The method of communication to the monitoring station is included on the riser.	✓		
29	If this building contains elevators that are not capable of recall, it shall be stated as such on plans and written documentation on elevator contractor's letterhead stating that "Elevators are not capable of providing recall function", is provided.	✓		
30	If this building does not contain a fire alarm system, and the fire alarm panel is used exclusively for elevator recall; plans shall clearly designate panel as "Elevator Recall Control and Supervisory Panel"	✓		
31	Manufacturer, model number and unique symbol for each model number is provided for each device, module, relay, component, power supply and fire alarm control panel is specified in the symbol legend.	✓		
32	Each device, module, appliance and component is identified with its own unique number and indicated on the floor plans and riser.	✓		
33	Floor plans are drawn to 1/8" scale or, if using another scale, all device coverage is diagrammed on the floor plan and all room dimensions are included.	✓		

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Designed by: Gabriel Maytin Phone #: (305) 821-2856
 3220015256 - 7/31/2020 9:14:11 AM

Signature: [Signature] Created by: MDFR 01 / 2015
MDC Fire Alarm Pre-Submittal Checklist REQUIRED DOCUMENT ON ALL FIRE ALARM PLAN SUBMITTALS



Miami-Dade Fire Rescue
Fire Alarm Pre-Submittal Checklist
 Based On NFPA 72 2010 Ed. & NFPA 1 and 101 2012 Ed.



34	All rooms & spaces are labeled indicating their use, and the occupant load has been provided for all assembly use rooms with an occupant load of 50 or greater.	✓	
35	All new, existing, replaced or relocated devices are indicated on the floor plans and a complete riser diagram showing all new and existing devices of the entire fire alarm system is provided.	✓	
36	Ceiling Height, Type and Angle is provided for all ceiling mounted devices.	✓	
37	All devices and components located in areas in which the voltage, temperature, and humidity variations exceed those conditions stated in NFPA 72, are listed for conditions and all such areas are identified.	✓	
38	A note is provided on the plans stating "Room containing FACP, Booster Power Supply, Voice Evacuation and Amplifier panel(s), Dialer, or Radio is mechanically ventilated", as applicable.	✓	
39	The FACP or Remote Annunciator and as applicable EVAC panel or Remote Microphone is located at the main entrance/lobby in single tenant buildings, or in a common area main entrance/lobby of a multi-tenant building.	✓	
40	The FACP, Communicators, Amplifiers, NAC Panels and all sub-panels are protected with a smoke detector.	✓	
41	If a complete automatically activated system, not less than one manual fire alarm pull box shall be provided to initiate system. The pull box shall be located where AHJ specifies.	✓	
42	If a manually activated system, the travel distance to reach a pull station is less than 200' feet and within 5' feet of all required floor and/or building exits.	✓	
43	All automatic initiating devices are shown and are located in accordance with NFPA 72, the manufacturer's specifications, and accepted engineering practices.	✓	
44	Area smoke detectors, if used, shall provide coverage throughout the entire smoke compartment.	✓	
45	All visual notification appliances are placed per tables in NFPA 72 and each strobe has its candela rating on the floor plan and riser.	✓	
46	All corridor spaced strobes are placed a maximum of 100' feet apart and within 15' feet from the ends of the corridor.	✓	
47	All spaces throughout the entire building shall meet the audible characteristics of NFPA 72 and NFPA 101.	✓	
48	Where audible appliances are provided to produce signals for sleeping areas, they shall produce a Low Frequency Alarm Signal , per NFPA 72.18.4.5.3.	✓	
49	Bell used for water flow annunciation is shown on floor plan, riser and legend. Bell shall be located so as to be visible and heard from roadway or parking area, within close proximity to Fire Dept. Connection (FDC).	✓	
50	Flow Bell sequence of operations shall state as follows: A) Flow bell shall activate upon water flow only. B) Flow bell shall continue to sound as long as water is flowing. C) FACP shall not be capable of silencing Flow Bell.	✓	
51	The location of Backflow Preventer (BFP) and Post Indicating Valve (PIV) are indicated on the floor plans, riser and legend for sprinkled buildings. Also, the location of the Fire Dept. Connection (FDC) is shown on floor plans.	✓	
52	Walls, partitions, racks, shelves and equipment that do not extend to ceiling, are shown with their heights indicated on floor plan.	✓	
53	Duct detectors or relays for duct detectors are shown on the floor plan and riser for all systems over 2000 CFM supply or 15,000 CFM return. Duct detectors shall derive their 24 vdc power source from the Fire Alarm System to satisfy the monitoring for integrity requirements of NFPA 72.10.17, for devices and conductors. Please show compliance on riser.	✓	
54	A complete system riser diagram is provided showing each floor of the building with all zones and circuits labeled.	✓	
55	The conductor size, type, and quantity are provided for each circuit on riser.	✓	
56	The fire pump is monitored for: A) Pump or Motor Running, B) Loss of phase, C) Phase reversal, and, if applicable, D) Controller connected to an alternate source; and are indicated at ___ a continuously manned location, or ___ the supervised fire alarm system.	✓	✓
57	Show all relays on floor plan and clarify function on riser. (Sprinkler, Wet Chem., Dry Chem., Clean Agent, Foam, A/C shut-down, Door Release, Elevator Shunt-Trip, Music Shut-Down, Smoke Control and other building control functions.)	✓	
58	The AMPACITY of each Power Supply and Notification Appliance Circuit is specified for each FACP & Power Supply Panel on plans. In addition, the individual device current is specified on riser for each notification appliance (Horns / Speakers / Strobes).	✓	
59	The total "ACTUAL" footage to the last device along with voltage drop calculations are provided on plans for each NAC for each power supply.	✓	
60	The wattage tap is indicated for all speakers.	✓	
61	The wattage capacity and load is provided for each amplifier.	✓	
62	All load values for "STANDBY" & "ALARM" used in calculations are high-lighted on the manufacturer's specification or installation sheets. Also, AMPACITY of equipment/components and circuits are high-lighted on manufacturer's sheets.	✓	
63	This system includes Emergency Voice Evacuation and is provided with 15 minutes of secondary alarm power. Required in all high rises and assembly occupancies with an occupant load greater than 300.	✓	
64	This system is being provided back up power by an emergency generator and will provide 4 hours of standby power plus the appropriate secondary alarm power. Also, clarify 120 volt panels feeding Fire Alarm components, is connected to generator.	✓	
65	Battery calculations, detailed in chart form, showing all information required per NFPA 72.10.5.6.3.1 are provided on plans for each back-up power supply.	✓	
66	The replacement of the Fire Alarm Control Panel with anything other than the exact same make and model number panel; or the addition of a Fire Alarm Control Panel which will provide or replace any of the functions of the existing FACP, shall require the fire alarm system to be up-graded to current code standards, per code of Miami-Dade County, Part III, Chapter 14, Article III, Section 14-66 (9) & (10)	✓	
67	If the scope of work includes greater than one-half of the entire fire alarm system's devices, then the entire fire alarm system shall be up-graded to current code standards, per code of Miami-Dade County, Part III, Chapter 14, Article III, Section 14-66 (9).	✓	

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Phone #: (305) 827-2856

MDC Fire Pre-Submittal Checklist.pdf

Created by: MDR 01 / 2015

THIS IS A REQUIRED DOCUMENT ON ALL FIRE ALARM PLAN SUBMITTALS

NOTE: ALL SHEET MUST BE REVIEWED
MIAMI-DADE COUNTY DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES
 Herbert S. Saffir Permitting and Inspection Center

11805 SW 26th Street (Coral Way) • Miami, Florida 33175-2474 • (786) 315-2000

APPLICATION FOR MUNICIPAL PERMIT APPLICANTS
THAT REQUIRE PLAN REVIEW FROM MIAMI-DADE FIRE RESCUE
AND/OR ENVIRONMENTAL SERVICES

M2020015256 3220015256 SEL2020-2610

PROVIDE MUNICIPAL PROCESS NUMBER HERE			
LOCATION OF IMPROVEMENTS	Job Address <u>14000 NW 57 CT</u>		CONTRACTOR INFORMATION
	Folio <u>32-2024-009-0080</u>		
TYPE OF IMPROVEMENTS	<input type="checkbox"/> New Construction on Vacant Land <input checked="" type="checkbox"/> Alteration Interior <input type="checkbox"/> Alteration Exterior <input type="checkbox"/> Relocation of Structure <input type="checkbox"/> Enclosure <input type="checkbox"/> Repair <input type="checkbox"/> Repair Due to Fire		Contractor No. <u>EF0000876</u> Last four (4) digits of Qualifier No. <u>1250</u> Contractor Name <u>Chi Alarms</u> Qualifier Name <u>Bene Chi</u> Address <u>14070 NW 82 Ave</u> City <u>Miami Lakes</u> State <u>FL</u> Zip <u>33016</u>
	<input type="checkbox"/> Demolish <input type="checkbox"/> Shell Only <input type="checkbox"/> Addition Attached <input type="checkbox"/> Addition Detached <input type="checkbox"/> Re-Roof <input type="checkbox"/> Foundation Only <input type="checkbox"/> Tent		
PERMIT TYPE	<input type="checkbox"/> MBLD* Category _____ <input checked="" type="checkbox"/> MELE <u>04</u> <input type="checkbox"/> MLPG _____ <input type="checkbox"/> MMEC _____ <input type="checkbox"/> FIRE _____		OWNER'S NAME
	REVIEW STATUS <input type="checkbox"/> Chg. Contractor <input type="checkbox"/> Re-Issue <input type="checkbox"/> Re-Stamp <input type="checkbox"/> Revision <input type="checkbox"/> Not Applicable for Fire		
PERSON TO PICK UP PLANS	Name <u>Gabriel Maytin</u> Address <u>14070 NW 82 Ave</u> City <u>Miami Lakes</u> State <u>FL</u> Zip <u>33016</u> Phone <u>(305) 827-2856</u>		ARCHITECT / ENGINEER
	Owner _____ Address _____ City _____ State _____ Zip _____ Phone _____		
FIRE SPECIAL REQUEST PLAN REVIEW (SRI)	I am requesting a Special Request Plan Review (SRI) to be scheduled as soon as possible at the rate of \$209 for the first hour and \$71.50 per each additional hour in addition to the review fees. Minimum charge one-hour.		
	1 st Request: _____ Date: _____ 2 nd Request: _____ Date: _____ 3 rd Request: _____ Date: _____		
OPTIONAL PLAN REVIEW (OPR)	I am requesting Optional Plan Review (OPR) to be scheduled as soon as possible at the rate of \$75 for each discipline. Additional review fees may apply.		
	1 st Request: _____ Date: _____		
PLANS REVIEW	Miami Dade County Department of Regulatory And Economic Resources - Job Copy 3220015256 - 7/31/2020 9:14:11 AM Date: _____		

NOTE: ALL SHEETS MUST BE REVIEWED

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES

Herbert S. Saffir Permitting and Inspection Center

11805 SW 26th Street (Coral Way), • Miami, Florida 33175-2474 • (786) 315-2000

PERMIT APPLICATION

BLC2019-4934

123_01-52 PAGE 1 9/17

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SEL2020-2610

LOCATION OF IMPROVEMENTS		IF SUBSIDIARY PROVIDE MASTER PERMIT NUMBER HERE		CONTRACTOR INFORMATION	
Job Address <u>14000 NW 57 CT</u>		Contractor No. <u>EF0000876</u>		Last four (4) digits of Qualifier No. <u>1250</u>	
Folio <u>32-2024-009-0080</u>		Contractor Name <u>Chi Alarms</u>		Qualifier Name <u>Rene Chi</u>	
Lot _____ Block _____		Address <u>14070 NW 82 Ave</u>		City <u>Miami Lakes</u> State <u>FL</u> Zip <u>33016</u>	
Subdivision _____ PBpg _____		Metes and bounds _____			
TYPE OF IMPROVEMENTS		Current use of property <u>4132 Light Manufacturing</u>		Description of Work <u>Adding devices to an existing FA system</u>	
<input type="checkbox"/> New Construction on Vacant Land <input checked="" type="checkbox"/> Alteration Interior <input type="checkbox"/> Alteration Exterior <input type="checkbox"/> Relocation of Structure <input type="checkbox"/> Short Term Event <input type="checkbox"/> New Roof <input type="checkbox"/> Recovery (Roof) <input type="checkbox"/> Permit by Affidavit		<input type="checkbox"/> Enclosure <input type="checkbox"/> Repair <input type="checkbox"/> Repair Due to Fire <input type="checkbox"/> Demolish <input type="checkbox"/> Shell Only <input type="checkbox"/> Addition Attached <input type="checkbox"/> Addition Detached <input type="checkbox"/> Re-Roof <input type="checkbox"/> Foundation Only		Sq. Ft. <u>14,900</u> Units _____ Floors <u>1</u>	
<input type="checkbox"/> Building* Category _____ <input checked="" type="checkbox"/> Electrical <u>04</u> <input type="checkbox"/> Mechanical _____ <input type="checkbox"/> Plumbing _____ <input type="checkbox"/> LPGX _____		<input type="checkbox"/> Chg. Contractor <input type="checkbox"/> Re-Issue <input type="checkbox"/> Extension <input type="checkbox"/> Supplement <input type="checkbox"/> Reinspection		Owner <u>US Pharma LTD</u> Address <u>115 Blue Jay Dr.</u> City <u>Liberty</u> State <u>MO</u> Zip <u>64058</u> Phone _____ Last four (4) digits of Owner's Social Security No. _____	
PERSON TO PICK UP PLANS		ARCHITECT ENGINEER		Name _____	
Name <u>Gabriel Maytin</u>		Address _____		City _____ State _____ Zip _____	
Address <u>14070 NW 82 Ave</u>		Phone _____			
City <u>Miami Lakes</u> State <u>FL</u> Zip <u>33016</u>					
Phone <u>(305) 827-2856</u>					
BONDING		MORTGAGE LENDER		Name _____	
Name _____		Address _____		City _____ State _____ Zip _____	
Address _____		Phone _____			
City _____ State _____ Zip _____					
Phone _____					

*See reverse side for Building Category

Application is hereby made to obtain a permit to do work and installation as indicated. I certify that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that separate permits are required for **ELECTRICAL, PLUMBING, SIGNS, POOLS, MECHANICAL, WINDOW, SHUTTERS and ROOFING WORK** and there may be additional permits required for other governmental entities.

OWNER'S/PERMIT APPLICANT AFFIDAVIT: I certify that all of the foregoing information is accurate. I certify that I am not a named violator with: unpaid civil penalties; unpaid administrative costs of hearing; unpaid County investigative, enforcement, testing, or monitoring costs; or unpaid liens, any or all of which are owed to MiamiDade County pursuant to the provisions of the Code of Miami-Dade County, Florida.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR ATTORNEY OR LENDER BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

"The issuance of the permit does not relieve the property owner from obtaining homeowner's association approval (if required) prior to beginning any work and in no way authorizes work that is in violation of any association rule or regulation."

Signature of Owner or Owner's Agent _____
PRINT NAME _____

Signature of Qualifier Rene Chi
PRINT NAME Rene Chi

STATE OF FLORIDA COUNTY OF MIAMI-DADE
Sworn to and subscribed before me this _____ day of _____, 20____

STATE OF FLORIDA COUNTY OF MIAMI-DADE
Sworn to and subscribed before me this _____ day of _____, 20____

Signature of Notary Public _____
Print Name _____

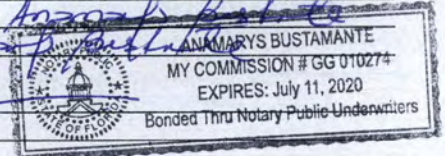
Signature of Notary Public _____
Print Name _____

(SEAL) _____

(SEAL) _____

Personally known _____
or Produced Identification _____

Personally known _____
or Produced Identification _____



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MDC Permit Single sheet.pdf

BUILDING PERMIT CATEGORIES

CATEGORY	DESCRIPTION
01	GENERAL BUILDING—COMMERCIAL
02	SUB—GENERAL BUILDING—RESIDENTIAL
08	CANVAS AWNING
10	COMMUNICATION TOWER
15	DEMOLITION
18	FENCE
19	FLAGPOLE—SATELLITE DISH
22	GARAGE DOOR REPLACEMENT
29	METAL AWNING & STORM SHUTTER
35	ORNAMENTAL IRON
48	SCREEN ENCLOSURES
51	SIGN (NON-ELECTRIC)
55	SWIMMING POOL
82	WINDOWS (RESIDENTIAL OR COMMERCIAL)
83	STORE FRONT (RESIDENTIAL OR COMMERCIAL)
84	GLAZED CURTAIN WALLS
86	TRAILER TIE DOWN
88	WALK-IN COOLER
91	MARINAS
92	LOW SLOPE APPLICATIONS (GRAVEL, SMOOTH MODIFIED, SINGLE PLY)
95	SHINGLES (ASPHALT, FIBERGLASS)
96	SHINGLES (METAL ROOFS/WOOD SHINGLES & SHAKE)
99	SOIL IMPROVEMENT
0100	BULK STORAGE PROPANE TANK
0101	REMOVABLE STORM PANELS
0104	SINGLE ENTRANCE DOOR
0106	LIGHTWEIGHT CONCRETE
0107	TILE ROOF
0109	WATERPROOFING SYSTEMS
0113	CHINESE DRYWALL REPAIR – RESIDENTIAL
0114	CHINESE DRYWALL REPAIR – COMMERCIAL

ATTENTION

Please be advised that Roadway Impact Fee may be required for Building Permit categories "01" Commercial, "02" Residential, "18" Fence and "86" Trailer Tie Down.

Please complete the following if your application is for one of the above mentioned categories.

Impact Fee, Fee Payer Name _____

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3220015256 7/31/2020 9:14:11 AM (4) Right of Public Security, Title Identification No. _____

MDC Permit Application.pdf

Please be advised that any existing or proposed Development served or to be served with a septic tank requires approval from the Florida Department of Health.

MS-5UD(E)/MS-10UD(E) Series

Five Zone Fire Alarm Control Panel
Ten Zone Fire Alarm Control Panel

Fire-LITE Alarms
 by Honeywell

Control/Communicators

General

The **MS-5UD-3(E)** is a five-zone FACP (Fire Alarm Control Panel) and the **MS-10UD-7(E)** is a ten-zone FACP. These control panels provide reliable fire signaling protection for small to medium-sized commercial, industrial, and institutional buildings. Both panels include built-in communicators for Central Station Service and remote upload/download.

Each of these FACPs is compatible with System Sensor's microprocessor-based i³ series detectors. These conventional smoke detectors can transmit a maintenance trouble signal to the FACP indicating the need for cleaning and a supervisory "freeze" signal when the ambient temperature falls below the detector rating. Additionally, both the MS-5UD-3 and MS-10UD-7 are compatible with conventional input devices such as two- and four-wire smoke detectors, pull stations, waterflow devices, tamper switches, and other normally-open contact devices. Refer to the *FireLite Device Compatibility Document* for a complete listing of compatible devices.

Outputs include four NACs (Notification Appliance Circuits), three programmable Form-C relays (factory programmed for Alarm, Trouble, and Supervisory) and 24 VDC special application resettable and nonresettable power outputs. The FACPs supervise all wiring, AC voltage, battery level and telephone line integrity.

Activation of a compatible smoke detector or any normally-open fire alarm initiating device will activate audible and visual signaling devices, illuminate an indicating LED, sound the piezo sounder at the FACP, activate the communicator and FACP alarm relay, and operate an optional module used to notify a remote station or initiate an auxiliary control function.

New options include a UL listed printer, PRN-6F and FireLite's IPDACT Internet Monitoring module. The FireWatch Series internet monitoring modules IPDACT-2 and IPDACT-2UD permit monitoring of alarm signals over the Internet saving the monthly cost of two telephone lines. Although not required, the secondary telephone line may be retained providing backup communication over the public switched telephone line.

NOTE: The MS-5UD-3E and MS-10UD-7E offers the same features as the MS-5UD-3 and MS-10UD-7 but allow connection to 240 VAC. Unless otherwise specified, the information in this data sheet applies to both the 120 VAC and the 240 VAC versions of these panels.

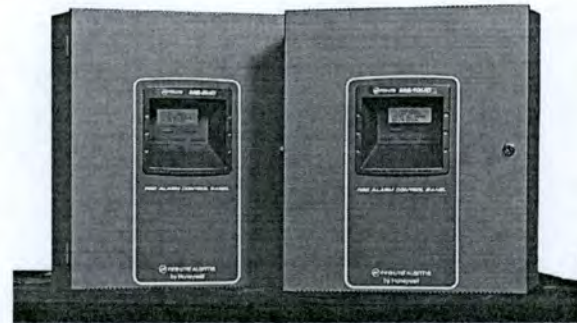
NOTE: For ULC-listed models, see DF-60440.

Features

- Listed to UL Standard 864, 9th edition.
- Built-in DACT (Digital Alarm Communicator/Transmitter).
- Style B (Class B) IDC (Initiating Device Circuit)
 - MS-5UD-3 - five IDCs.
 - MS-10UD-7 - ten IDCs.
- Style Y (Class B) NAC (Notification Appliance Circuit) - special application power
 - MS-5UD-3 - four NACs.
 - MS-10UD-7 - four NACs.

Notification Appliances may be programmed as

– Auto-Silence.



- Strobe Synchronization for System Sensor, Wheelock, Gentex, Faraday, or Amseco devices.
- Selective Silence (horn-strobe mute).
- Temporal or Steady Signal.
- Silenceable or Nonsenseable.
- Optional CAC-5X Style Z (Class A) Converter Module for NACs and IDCs (2 required for MS-10UD-7).
- Form-C Relays for Alarm, Trouble and Supervisory - Contact Ratings 2.0 A @ 30 VDC, 0.5 A @ 30 VAC (resistive).
- 3.0 A total system current for MS-5UD-3.
- 7.0 A total system current for MS-10UD-7.
- Optional Dress Panel DP-51050
- Optional Trim Ring TR-CE for semi-flush mounting.
- 24 volt operation.
- Low AC voltage sense.
- Alarm Verification.
- PAS (Positive Alarm Sequence).
- Automatic battery trickle charger.
- Up to eight ANN-BUS annunciators:
 - Optional 8 zone Relay Module ANN-RLY.
 - Optional LED Annunciator Module ANN-LED.
 - Optional Remote Annunciator ANN-80.
 - Optional Remote Printer Gateway ANN-S/PG.
 - Optional LED Annunciator Driver ANN-I/O.
- Optional 4XTMF module (conventional reverse polarity/city box transmitter).

PROGRAMMING AND SOFTWARE:

- Can be programmed at the panel with no special software or additional equipment.
- Programmable Make/Break Ratio.
- Upload/Download (local or remote) of program and data via integral DACT.

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USER INTERFACE:

- Built-in DACT (Digital Alarm Communicator/Transmitter).
- Integral 80-character LCD display with backlighting and keypad.
- Real-time clock/calendar with automatic daylight savings adjustments.
- ANN-BUS for connection to remote annunciators.
- Audible or silent walk test capabilities.
- Piezo sounder for alarm, trouble, and supervisory.

Controls and Indicators

LED INDICATORS

- FIRE ALARM (red)
- SUPERVISORY (yellow)
- TROUBLE (yellow)
- AC POWER (green)
- ALARM SILENCED (yellow)

CONTROL BUTTONS

- ACKNOWLEDGE
- ALARM SILENCE

- SYSTEM RESET (lamp test)
- DRILL

Terminal Blocks

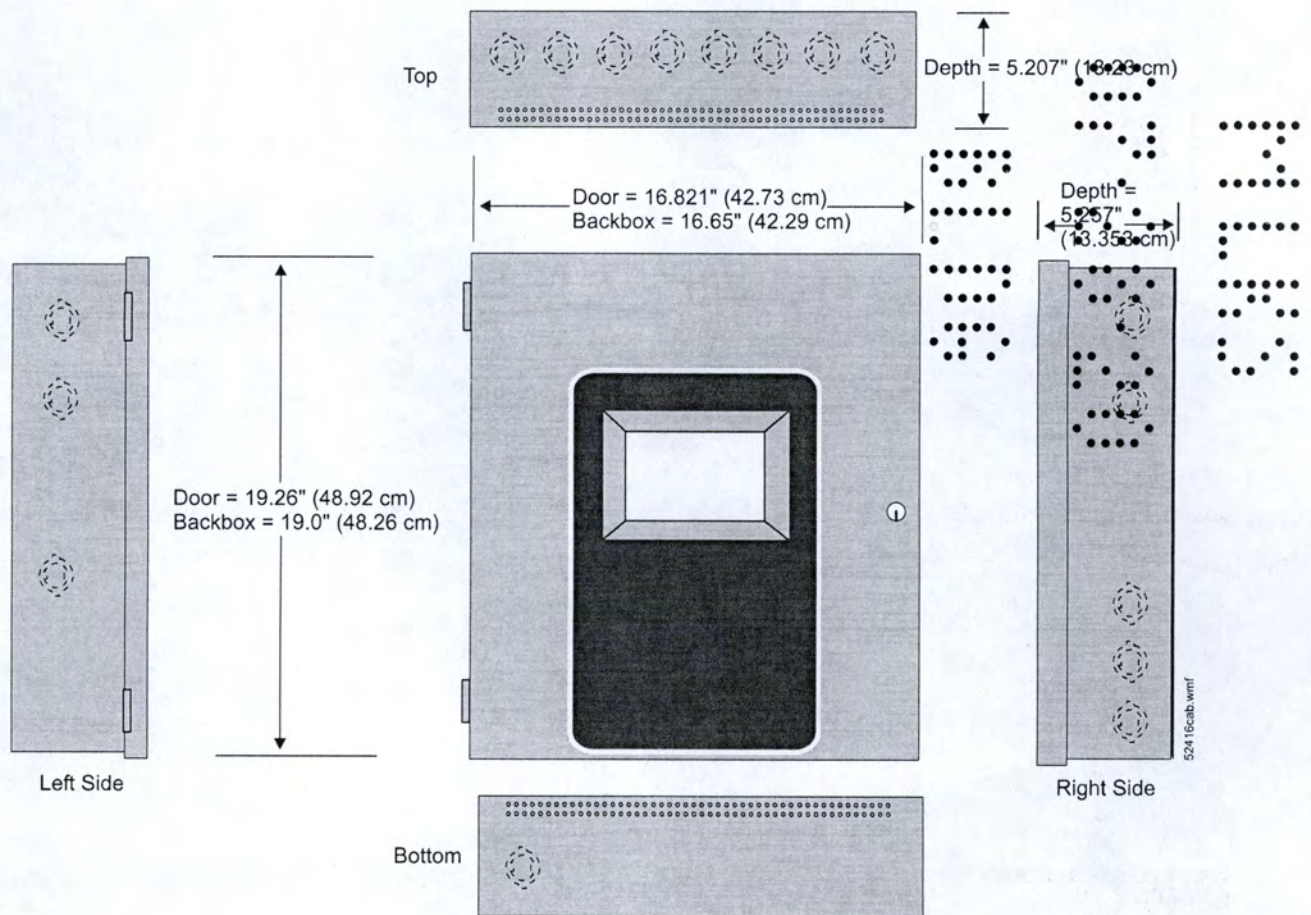
AC Power – TB1:

- MS-5UD-3 (FLPS-3 Power Supply): 120 VAC, 50/60 HZ, 1.00 A.
- MS-5UD-3E (FLPS-3 Power Supply): 240 VAC, 50 HZ, 0.54 A.
- MS-10UD-7 (FLPS-7 Power Supply): 120 VAC, 50/60 HZ, 3.80 A.
- MS-10UD-7E (FLPS-7 Power Supply): 240 VAC, 50/60 HZ, 2.20 A.

Wire size: minimum 14 AWG (2.00 mm²) with 600 V insulation. Supervised, nonpower-limited.

Battery (sealed lead acid only) – J12:

- Maximum Charging Circuit - Normal Flat Charge: 27.6 VDC @ 1.4 A. Supervised, nonpower-limited.
- Maximum Charger Capacity: 18 AH battery for MS-5UD-3(E), and 26 AH battery for MS-10UD-7(E). [Two 18 Ah batteries can be housed in the FACP cabinet. Larger batteries require separate battery box such as the BB-26 or BB-55.]



- Minimum Battery Size: 7 AH.

Initiating Device Circuits – TB4 (and TB 6 on MS-10UD-7 only):

- Alarm Zones 1 - 5 on TB 4 (MS-5UD-3 and MS-10UD-7).
- Alarm Zones 6 - 10 on TB6 (MS-10UD-7 only).
- Supervised and power-limited circuitry.
- Operation: All zones Style B (Class B).
- Normal Operating Voltage: Nominal 20 VDC.
- Alarm Current: 15 mA minimum.
- Short Circuit Current: 40 mA max.
- Maximum Loop Resistance: 100 ohms.
- End-of-Line Resistor: 4.7K ohm, 1/2 watt (P/N 71252 UL-listed).
- Standby Current: 2 mA.

Refer to the *Fire•Lite Device Compatibility Document* for listed compatible devices.

Notification Appliance Circuits – TB5 (and TB 7 on MS-10UD-7 only):

- Four NACs
- Operation: Style Y (Class B)
- Special Application power
- Supervised and power-limited circuitry
- Normal Operating Voltage: Nominal 24 VDC
- Maximum Signaling Current: 3.0 A for MS-5UD-3, 2.5 A maximum per NAC; 7.0 A for MS-10UD-7(E), 3.0 A maximum per NAC.
- End-of-Line Resistor: 4.7K ohm, 1/2 watt (Part #71252)
- Max. Wiring Voltage Drop: 2 VDC

Refer to the *Fire•Lite Device Compatibility Document* for compatible listed devices.

Form C Relays – TB8:

- *Relay 1* (factory default programmed as Alarm Relay)
- *Relay 2* (factory default programmed as fail-safe Trouble Relay)
- *Relay 3* (factory default programmed as Supervisory Relay)

Special Application Resettable Power – TB9:

- Jumper selectable by JP31 for resettable or nonresettable power.
- Operating voltage: 24 VDC nominal.
- Maximum available current: 500 mA - appropriate for powering four-wire smoke detectors.
- Power-limited circuit.

Refer to the *Fire•Lite Device Compatibility Document* for listed compatible devices.

Remote Sync Output - TB2: Remote power supply synchronization output, only required for the MS-5UD-3. 24 VDC nominal special application power. Maximum current is 40 mA. End-of-Line Resistor: 4.7K ohm. Supervised and power-limited circuit.

Product Line Information

MS-5UD-3: Five-zone, 24-volt Fire Alarm Control Panel (includes backbox, FLPS-3 power supply, technical manual, and a frame & post operating instruction sheet). 120 VAC operation.

MS-5UD-3E: Same as MS-5UD-3 except for 240 VAC operation.

MS-10UD-7: Ten-zone, 24-volt Fire Alarm Control Panel (includes backbox, FLPS-7 power supply, technical manual, and a frame & post operating instruction sheet).

MS-10UD-7E: Same as above with 240 VAC FLPS-7.

IPDACT, IPDACT-2/2UD Internet Monitoring Module: Mounts in bottom of enclosure with optional mounting kit (PN IPBRKT). Connects to primary and secondary DACT telephone output ports for internet communications over customer provided ethernet internet connection. Requires compatible Teldat Visoralarm Central Station Receiver. Can use DHCP or static IP. (See data sheet DF-60407 for more information.)

IPBRKT: Mounting kit for IPDACT in common enclosure.

IPSPLT: Y Adaptor option to allow connection of both panel dialer outputs to one cable input to IPDACT (sold separately).

OPTIONAL MODULES

CAC-5X: Optional (Class A) Converter Module. Converts Style B (Class B) Initiating Device Circuits to Style D (Class A); and Style Y (Class B) Notification Appliance Circuits to Style Z (Class A). Connects to J2 on the MS-5UD-3 and MS-10UD-7(E) main circuit board and to J7 on the MS-10UD-7(E).

NOTE: Two Class A Converter Modules are required for the ten-zone panel.

4XTMF: Transmitter module. Provides a supervised output for local energy municipal box transmitter and alarm and trouble reverse polarity. Includes a disable switch and disable trouble LED. A module jumper option allows the reverse polarity circuit to open with a system trouble condition if no alarm conditions exists. Mounts to the main circuit board connectors J4 and J5.

COMPATIBLE ANNUNCIATORS

ANN-80: Remote LCD Annunciator. Mimics the information displayed on the FACP's LCD. Red. (For white, order: ANN-80-W.)

ANN-LED: LED Annunciator with three LEDs for each zone: Alarm, Trouble, and Supervisory. Mounts in the DP-51050(B) dress panel. Red. (For white, order: ANN-LED-W.)

ANN-RLED: LED Annunciator with three alarm (red) indicators for up to 30 input zones or addressable points. (Red. For white, order ANN-LED-W.) (See DF-60241).

ANN-RLY: Relay module. Mounts inside the cabinet. Provides ten Form C relays.

ANN-S/PG: Serial/parallel printer gateway. Provides a connection for a serial or parallel printer.

ANN-I/O: Driver module. Provides connections to a user-supplied graphic annunciator.

ACCESSORIES

DP-51050: Optional dress panel. Restricts access to the system wiring while allowing access to the membrane switch panel.

BB-26: Battery backbox, holds up to two 25 AH batteries and CHG-75.

BB-55: Battery backbox, holds up to two 25 AH batteries.

TR-CE: Optional trim-ring for semi-flush mounted cabinets.

PRN-6F: UL listed printer.

SYSTEM SPECIFICATIONS

System Capacity

- Annunciators 8

Electrical Specifications

- **MS-5UD-3 (FLPS-3 Power Supply):** 120 VAC, 60 HZ, 1.0 A
- **MS-10UD-7 (FLPS-7 Power Supply):** 120 VAC, 60 HZ, 3.90 A
- **MS-5UD-3E (FLPS-3 Power Supply):** 240 VAC, 50 HZ, 0.54 A.
- **MS-10UD-7E (FLPS-7 Power Supply):** 240 VAC, 50 HZ, 2.20 A.
- **Wire size:** minimum 14 AWG (2.0 mm²) with 600 V insulation, supervised, nonpower-limited

Cabinet Specifications

Door: 19.26" (48.92 cm.) high x 16.82" (42.73 cm.) wide x 0.72" (1.82 cm.) deep. **Backbox:** 19.00" (48.26 cm.) high x 16.65" (42.29 cm.) wide x 5.25" (13.34 cm.) deep. **Trim Ring (TR-CE):** 22.00" (55.88 cm.) high x 19.65" (49.91 cm.) wide.

Shipping Specifications

Dimensions:

- 20.00" (50.80 cm.) high
- 22.5" (57.15 cm.) wide
- 8.5" (21.59 cm.) deep.

Weight: 27 lb (12.20 kg)

Temperature and Humidity Ranges

This system meets NFPA requirements for operation at 0 – 49°C/32 – 120°F and at a relative humidity 93% ± 2% RH (noncondensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this system and its peripherals be installed in an environment with a normal room temperature of 15 – 27°C/60 – 80°F.

Agency Listings and Approvals

The listings and approvals below apply to the basic MS-5UD-3 and MS-10UD-7 control panels. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **UL Listed:** File S624
- **FM Approved**
- **CSFM:** 7165-0075:0214
- **MEA:** MEA: 333-07-E

NOTE: For ULC-listed models, see DF-60440.

NFPA Standards

The MS-5UD-3(E) and MS-10UD-7(E) complies with the following NFPA 72 Fire Alarm Systems requirements:

- **LOCAL** (Automatic, Manual, Waterflow and Sprinkler Supervisory).
- **AUXILIARY** (Automatic, Manual and Waterflow) (requires 4XTMF).
- **REMOTE STATION** (Automatic, Manual and Waterflow) (Where a DACT is not accepted, the alarm, trouble and supervisory relays may be connected to UL 864 listed transmitters. For reverse polarity signaling of alarm and trouble, 4XTMF is required).
- **PROPRIETARY** (Automatic, Manual and Waterflow).
- **CENTRAL STATION** (Automatic, Manual and Waterflow, and Sprinkler Supervised).
- **OT, PSDN** (Other Technologies, Packet-switched Data Network)

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This document is not intended to be used for installation purposes.

We try to keep our product information up-to-date and accurate.

All specifications are subject to change without notice.



Made in the U.S. A.

For more information, contact FireLite Alarms. Phone: (800) 627-3473, FAX: (877) 699-4105.
www.firelite.com

Monitor Modules

**NMM-100(A), NMM-100P(A), NZM-100(A),
and NDM-100(A) for FireWarden Series**

NOTIFIER[®]
by Honeywell

Intelligent Addressable Devices

General

Four different monitor modules are available for Notifier's FireWarden Series intelligent control panels for a variety of applications. Monitor modules supervise a circuit of dry-contact input devices, such as conventional heat detectors and pull stations, or monitor and power a circuit of two-wire smoke detectors (NZM-100(A)).

NMM-100(A) is a standard-sized module (typically mounts to a 4" [10.16 cm] square box) that supervises either a Style D (Class A) or Style B (Class B) circuit of dry-contact input devices.

NMM-100P(A) is a miniature monitor module a mere 1.3" (3.302 cm) H x 2.75" (6.985 cm) W x 0.65" (1.651 cm) D that supervises a Style B (Class B) circuit of dry-contact input devices. Its compact design allows the NMM-100P(A) to be mounted in a single-gang box behind the device it monitors.

NZM-100(A) is a standard-sized module that monitors and supervises compatible two-wire, 24 volt, smoke detectors on a Style D (Class A) or Style B (Class B) circuit.

NDM-100(A) is a standard-sized dual monitor module that monitors and supervises two independent two-wire Style B (Class B) dry-contact initiating device circuits (IDCs) at two separate, consecutive addresses in intelligent, two-wire systems.

LiteSpeed™ is a communication protocol that greatly increases the speed of communication between analog intelligent devices. Intelligent devices communicate in a grouped fashion. If one of the devices within the group has new information, the panel CPU stops the group poll and concentrates on single points. The net effect is response speed greater than five times that of other communication protocols.

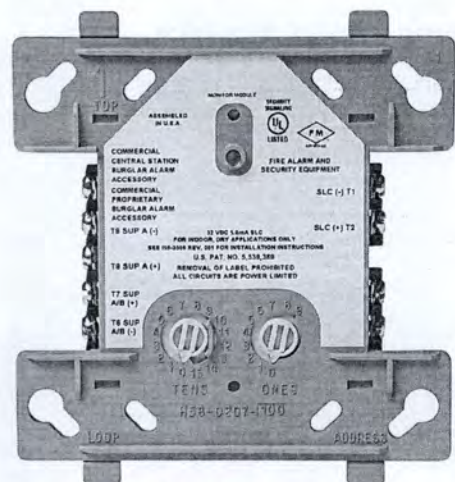
NMM-100(A) Monitor Module

- Built-in type identification automatically identifies this device as a monitor module to the control panel.
- Powered directly by two-wire SLC loop. No additional power required.
- High noise (EMF/RFI) immunity.
- SEMS screws with clamping plates for ease of wiring.
- Direct-dial entry of address: 01 – 99 on FireWarden-100-2, 01 – 50 on FireWarden-50.
- LED flashes during normal operation and latches on steady to indicate alarm.

The NMM-100(A) Monitor Module is intended for use in intelligent, two-wire systems, where the individual address of each module is selected using the built-in rotary switches. It provides either a two-wire or four-wire fault-tolerant Initiating Device Circuit (IDC) for normally-open-contact fire alarm and supervisory devices. The module has a panel-controlled LED indicator.

NMM-100(A) APPLICATIONS

Use to monitor a zone of four-wire smoke detectors, manual fire alarm pull stations, waterflow devices, or other normally-open dry-contact alarm activation devices. May also be used



NMM-100(A) (Type H)

to monitor normally-open supervisory devices with special supervisory indication at the control panel. Monitored circuit may be wired as an NFPA Style B (Class B) or Style D (Class A) Initiating Device Circuit. A 47K Ohm End-of-Line Resistor (provided) terminates the Style B circuit. No resistor is required for supervision of the Style D circuit.

NMM-100(A) OPERATION

Each NMM-100(A) uses one of the available module addresses on an SLC loop. It responds to regular polls from the control panel and reports its type and the status (open, normal/short) of its Initiating Device Circuit (IDC). A flashing LED indicates that the module is in communication with the control panel. The LED latches steady on alarm (subject to current limitations on the loop).

NMM-100(A) SPECIFICATIONS

Nominal operating voltage: 15 to 32 VDC.

Maximum current draw: 5.0 mA (LED on).

Average operating current: 375 μ A (LED flashing), 1 communication every 5 seconds, 47k EOL.

Maximum IDC wiring resistance: 1500 Ohms.

Maximum IDC Voltage: 11 Volts.

EOL resistance: 47K Ohms.

Temperature range: 32°F to 120°F (0°C to 49°C).

Humidity range: 10% to 93% noncondensing.

Dimensions: 4.5" (11.43 cm) high x 4" (10.16 cm) wide x 1.25" (3.175 cm) deep. Mounts to a 4" (10.16 cm) square x 2.125" (5.398 cm) deep box.

NMM-100(A) Mini Copy Monitor Module

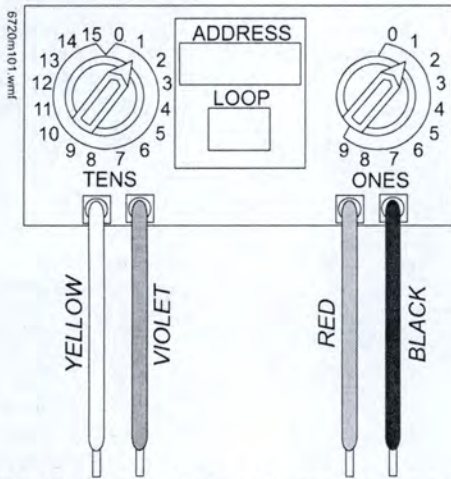
- Built-in type identification automatically identifies this device as a monitor module to the panel.

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NMM-100 A Specs.rsk 2020-07-29.pdf

- Powered directly by two-wire SLC loop. No additional power required.
- High noise (EMF/RFI) immunity.
- Tinned, stripped leads for ease of wiring.
- Direct-dial entry of address: 01 – 99 on FireWarden-100-2, 01 – 50 on FireWarden-50.



The NMM-100P(A) Mini Monitor Module can be installed in a single-gang junction directly behind the monitored unit. Its small size and light weight allow it to be installed without rigid mounting. The NMM-100P(A) is intended for use in intelligent, two-wire systems where the individual address of each module is selected using rotary switches. It provides a two-wire initiating device circuit for normally-open-contact fire alarm and security devices. NMM-100P(A)

NMM-100P(A) APPLICATIONS

Use to monitor a single device or a zone of four-wire smoke detectors, manual fire alarm pull stations, waterflow devices, or other normally-open dry-contact devices. May also be used to monitor normally-open supervisory devices with special supervisory indication at the control panel. Monitored circuit/device is wired as an NFPA Style B (Class B) Initiating Device Circuit. A 47K Ohm End-of-Line Resistor (provided) terminates the circuit.

NMM-100P(A) OPERATION

Each NMM-100P(A) uses one of the available module addresses on an SLC loop. It responds to regular polls from the control panel and reports its type and the status (open/normal/short) of its Initiating Device Circuit (IDC).

NMM-100P(A) SPECIFICATIONS

- Nominal operating voltage:** 15 to 32 VDC.
- Average operating current:** 350 µA, 1 communication every 5 seconds, 47k EOL; 600 µA Max. (Communicating, IDC Shorted).
- Maximum IDC wiring resistance:** 1500 Ohms.
- Maximum IDC Voltage:** 11 Volts.
- Maximum IDC Current:** 450 µA.
- EOL resistance:** 47K Ohms.
- Temperature range:** 32°F to 120°F (0°C to 49°C).

Wire length: 6" (15.24 cm) minimum.

NZM-100(A) Interface Module

- Supports compatible two-wire smoke detectors.
- Supervises IDC wiring and connection of external power source.
- High noise (EMF/RFI) immunity.
- SEMS screws with clamping plates for ease of wiring.
- Direct-dial entry entry of address: 01 – 99 on FireWarden-100-2, 01 – 50 on FireWarden-50.
- LED flashes during normal operation.
- LED latches steady to indicate alarm on command from control panel.

The NZM-100(A) Interface Module is intended for use in intelligent, addressable systems, where the individual address of each module is selected using built-in rotary switches. This module allows intelligent panels to interface and monitor two-wire conventional smoke detectors. It transmits the status (normal, open, or alarm) of one full zone of conventional detectors back to the control panel. All two-wire detectors being monitored must be UL compatible with the module.

NZM-100(A) APPLICATIONS

Use the NZM-100(A) to monitor a zone of two-wire smoke detectors. The monitored circuit may be wired as an NFPA Style B (Class B) or Style D (Class A) Initiating Device Circuit. A 3.9 K Ohm End-of-Line Resistor (provided) terminates the end of the Style B or D (class B or A) circuit (maximum IDC loop resistance is 25 Ohms). Install ELR across terminals 8 and 9 for Style D application.

NZM-100(A) OPERATION

Each NZM-100(A) uses one of the available module addresses on an SLC loop. It responds to regular polls from the control panel and reports its type and the status (open/normal/short) of its Initiating Device Circuit (IDC). A flashing LED indicates that the module is in communication with the control panel. The LED latches steady on alarm (subject to current limitations on the loop).

NZM-100(A) SPECIFICATIONS

- Nominal operating voltage:** 15 to 32 VDC.
- Maximum current draw:** 5.1 mA (LED on).
- Maximum IDC wiring resistance:** 25 Ohms.
- Average operating current:** 270 µA, 1 communication and 1 LED flash every 5 seconds, 3.9k eol.
- EOL resistance:** 3.9K Ohms.
- External supply voltage (between Terminals T10 and T11):**
 - DC voltage: 24 volts power limited.
 - Ripple voltage: 0.1 Vrms maximum.
 - Current: 90 mA per module maximum.
- Temperature range:** 32°F to 120°F (0°C to 49°C).
- Humidity range:** 10% to 93% noncondensing.

Dimensions: 4.5" (11.43 cm) high x 4" (10.16 cm) wide x 2.125" (5.398 cm) deep

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NMM-100 A Spec.rsk 2020-07-29.pdf

NDM-100(A) Dual Monitor Module

The NDM-100(A) Dual Monitor Module is intended for use in intelligent, two-wire systems. It provides two independent two-wire initiating device circuits (IDCs) at two separate, consecutive addresses. It is capable of monitoring normally open contact fire alarm and supervisory devices. The module has a single panel-controlled LED.

NOTE: The NDM-100(A) provides two Style B (Class B) IDC circuits ONLY. Style D (Class A) IDC circuits are NOT supported in any application.

NDM-100(A) SPECIFICATIONS

Normal operating voltage range: 15 to 32 VDC.

Maximum current draw: 6.4 mA (LED on).

Average operating current: 750 μ A (LED flashing).

Maximum IDC wiring resistance: 1,500 Ohms.

Maximum IDC Voltage: 11 Volts.

Maximum IDC Current: 240 μ A

EOL resistance: 47K Ohms.

Temperature range: 32° to 120°F (0° to 49°C).

Humidity range: 10% to 93% (non-condensing).

Dimensions: 4.5" (11.43 cm) high x 4" (10.16 cm) wide x 1.25" (3.175 cm) deep. Mounts to a 4" (10.16 cm) square x 2.125" (5.398 cm) deep box.

NDM-100(A) AUTOMATIC ADDRESSING

The NDM-100(A) automatically assigns itself to two addressable points, starting with the original address. For example, if the NDM-100(A) is set to address "26", then it will automatically assign itself to addresses "26" and "27".

NOTE: "Ones" addresses on the NDM-100(A) are 0, 2, 4, 6, or 8 only. Terminals 6 and 7 use the first address, and terminals 8 and 9 use the second address.



CAUTION:

Avoid duplicating addresses on the system.

Installation

NMM-100(A), NZM-100(A), and NDM-100(A) modules mount directly to a standard 4" (10.16 cm) square, 2.125" (5.398 cm) deep, electrical box. They may also be mounted to the SMB500 surface-mount box. Mounting hardware and installation instructions are provided with each module. All wiring must conform to applicable local codes, ordinances, and regulations. These modules are intended for power-limited wiring only.

The NMM-100P(A) module is intended to be wired and mounted without rigid connections inside a standard electrical box. All wiring must conform to applicable local codes, ordinances, and regulations.

Agency Listings and Approvals

In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- UL: S635.

- CSFM: 7300-0028:0230 (NMM-100, NMM-100P, NZM-100); 7300-0028:0237 (NDM-100).
- MEA: 72-01-E Vol. 2 (NMM-100, NMM-100P, NZM-100); 227-03-E Vol. 3 (NDM-100).

Product Line Information

NOTE: "A" suffix indicates ULC-listed model.

NMM-100(A): Monitor module.

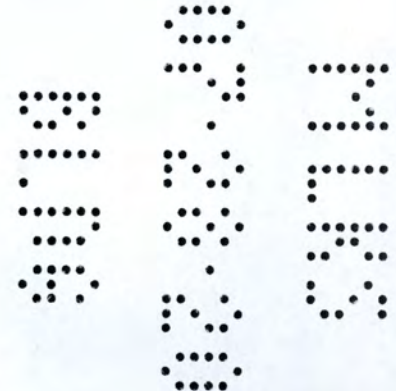
NMM-100P(A): Monitor module, miniature.

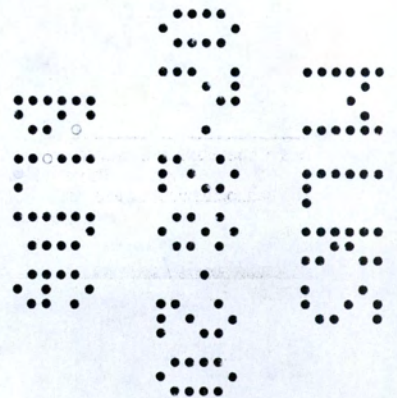
NZM-100(A): Monitor module, two-wire detectors.

NDM-100(A): Monitor module, dual, two independent Class B circuits.

SMB500: Optional surface-mount backbox.

NOTE: See installation instructions and refer to the SLC Wiring Manual, PN 52304.





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ISO 9001
CERTIFIED

This document is not intended to be used for installation purposes.

We try to keep our product information up-to-date and accurate.

However, we do not assume any responsibility for omissions or errors.

All specifications are subject to change without notice.

Miami Dade County Department of Regulatory and Economic Resources Job Copy

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For more information, contact Notifier. Phone: (203) 484-7161, FAX: (203) 484-7118.

www.notifier.com

NWM-100 A Spec.rsk 2020-07-29.pdf

Remarks - FIRE - M2020015256



Code Description

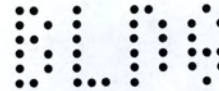
Created

Modified

Released

REMARK ENTERED 07/28/2020 E30680
 1) SPECIFY THE LEVEL OF REHABILITATION IN ACCORDANCE WITH NFPA 101:43.1.1.
 NOTE: IT APPEARS THAT 3 PAINT BOOTHS WERE ADDED AND THAT MAY AFFECT THE COVERAGE OF THE EXISTING OCCUPANT NOTIFICATION.
 2) PROVIDE A GRAPHIC SCALE ON FLOOR PLANS IN ACCORDANCE WITH NFPA 72:7.4.5(3).
 3) THE USE SYMBOLS AS DESCRIBED IN NFPA 170 IN ACCORDANCE WITH NFPA 72:7.2.3 WILL BE STRICTLY ENFORCED STARTING DECEMBER 31, 2020.
 4) SPECIFY THE LOCATION OF ALL DEVICES AND CONTROL EQUIPMENT ON A FLOOR PLAN IN ACCORDANCE WITH NFPA 72:7.2.1(3).
 5) PROVIDE EQUIPMENT TECHNICAL DATA SHEETS IN ACCORDANCE WITH NFPA 72:7.2.1(5).
 6) PROVIDE A FIRE ALARM RISER DIAGRAM IN ACCORDANCE WITH NFPA 72:7.4.6 THAT INCLUDES ALL EQUIPMENT AND DEVICES).
 7) PROVIDE A COPY OF THE BUILDING CERTIFICATE/PLACARD.
 A) IF THE CERTIFICATE/PLACARD ISSUING CONTRACTOR ON THE BUILDING CERTIFICATE/PLACARD IS DIFFERENT FROM THE CONTACTOR PULLING THIS PERMIT, PLEASE PROVIDE THE FOLLOWING:
 B) AFFIDAVIT TO WORK ON ANOTHER COMPANY'S CERTIFICATED/PLACARDED FIRE ALARM SYSTEM
 C) THE AFFIDAVIT SHALL INCLUDE THE FOLLOWING FIVE (5) ITEMS:
 1. STATE THE NAME AND ADDRESS (WITH SUITE AND/OR FLOOR NUMBER AS APPLICABLE) OF THE BUILDING.
 2. STATE THE NAME OF THE CONTRACTOR'S COMPANY PULLING THE FIRE ALARM PERMIT.
 3. STATE THE NAME OF THE CERTIFICATING CONTRACTOR AND THEIR APPROVAL ALLOWING THIS COMPANY TO PERFORM WORK ON THEIR LISTED FIRE ALARM SYSTEM. SYSTEM SHALL BE PROVIDED AN UPDATED CERTIFICATE OR PLACARD UPON COMPLETION OF SCOPE OF WORK.
 4. STATE CLEARLY THE "SPECIFIC" SCOPE OF WORK TO BE PERFORMED.
 5. PROVIDE NOTARIZED SIGNATURES OF THE BUILDING OWNER AND CERTIFICATE ISSUING ELECTRICAL CONTRACTOR.
 8) THE CONTRACTOR SHALL PROVIDE A COPY OF THEIR LISTING AGENCY CERTIFICATE FOR INSTALLING CENTRAL STATION SERVICE FIRE ALARM SYSTEMS.
 9) ALL CODE REFERENCES LISTED IN COMMENTS ARE FROM THE FLORIDA FIRE PREVENTION CODE, 6TH EDITION AND THE INCORPORATED NFPA CODES AND STANDARDS; THE FLORIDA ADMINISTRATIVE CODE; AND MIAMI-DADE COUNTY CODE CHAPTER 14, FIRE PREVENTION.
 10) PROVIDE A WRITTEN RESPONSE ADDRESSING EACH COMMENT AND SPECIFYING THE SHEET WHERE CHANGES WERE MADE. PROVIDE NEW SHEETS FOR ALL CORRECTIONS AND CHANGES. ALL CORRECTIONS AND CHANGES MUST BE CLOUDED AND LABELED. PLANS MUST BE SUBMITTED AS UNLATCHED FILES WITH ALL COMMENTS AND COMMENTS PDF FILE
 11) IF DISCUSSION OF THE COMMENTS IS NECESSARY OR DESIRED, A PHONE CONFERENCE APPOINTMENT MAY BE SCHEDULED FOR EITHER MONDAY OR THURSDAY

MICHAEL MARCH 07/28/2020

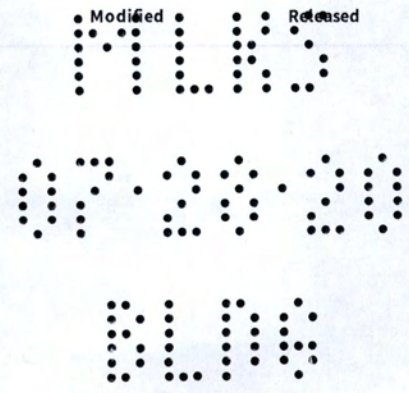


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Responses to Comments - FIRE.pdf

Code	Description	Created	Modified	Released
	<p>MORNINGS BY CALLING 786-315- 2785 OR ONLINE AT WWW.MIAMIDADE.GOV/BUILDING THE DAY BEFORE AND PROVIDING THE PROCESS NUMBER AND THE REVIEWER'S NAME. 9) THE SYSTEM DESIGNER SHALL BE IDENTIFIED ON THE PLANS IN ACCORDANCE WITH NFPA 72:7.2.2. NOTE: DUE TO THE VALUE OF THE JOB, A REGISTERED ENGINEER IS REQUIRED TO DESIGN THE SYSTEM.</p>			



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3220015256 - 7/31/2020 9:14:11 AM

Responses to Comments - FIRE.pdf

MKS

The Protective Group – Pointblank (M2020015256)

07.20.20

1. New Spray Booths are only 10ft high and do not block the existing coverage within the warehouse.
2. Graphic Scale provided
3. New symbols have been implemented on the plans. (Note: I was not able to find a specific symbol for Monitor Modules so I used the same symbol used in the previous revision. Please accept this for now, Thank You.)
4. Complete Floor Plan was added to page F-1
5. Spec sheets provided
6. Complete Fire Alarm Riser now included on plans.
7. Chi Alarms already monitors this property. Our UL Certification was supplied with the plans.
8. Chi Alarms UL Certification was supplied with the plans.

01.10.20



MLK
07.20.20
BLDG

Miami Dade Fire Rescue

Special Request Plans Review

Office: 786-315-2771/Fax: 786-315-2922

Note: Our department will make every effort to have Fast Track review within 3-5 business days and Drop Off review within 9 business days.

I have read the above NOTE and I am requesting a Special Request Plans Review (SRI) to be scheduled as soon as possible at the rate of \$215 for the first hour and \$73 per each additional hour in addition to the review fees. Minimum charge one-hour.

Date: 07/28/20

Project Name: The Protective Group - Pointblank

Process Number: M20200152256

Print Name: Reng Chi

Signature: [Handwritten Signature]

Contact Phone # 1: (305) 827-2856 #2: _____

For office use only: Application Received By: _____
Date Application Received: _____ Date Plan Received: _____

Miami Dade County Department of Regulatory And Economic Resources - Job Copy

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SRI Request Form.rsk 2020-07-29.pdf

M L R S



Miami Dade Fire Rescue

Special Request Plans Review

Office: 786-315-2771/Fax: 786-315-2922

Note: Our department will make every effort to have Fast Track review within 3-5 business days and Drop Off review within 9 business days.

I have read the above NOTE and I am requesting a Special Request Plans Review (SRI) to be scheduled as soon as possible at the rate of \$215 for the first hour and \$73 per each additional hour in addition to the review fees. Minimum charge one-hour.

Date: 07/24/20

Project Name: The Protective Group - Pointblank

Process Number: M2020015256

Print Name: Rene Chi

Signature: *Rene Chi*

Contact Phone # 1: (305) 827-2856 #2: _____

For office use only: Application Received By: _____
Date Application Received: _____ Date Plan Received: _____

2014
03-10-20
0018

SEL2020-2610

14000 NW 57 CT.

M2020015254

3220015256

JOB COPY

TOWN OF MIAMI LAKES				
THIS COPY OF PLANS MUST BE AVAILABLE ON BUILDING SITE OR NO INSPECTION WILL BE GIVEN				
SECTION	APPROVED		DISAPPROVED	
	BY	DATE	BY	DATE
ZONING				
LANDSCAPING				
EXTERIORWORKS				
BUILDING				
UTILITIES				
HANDICAP				
STRUCTURAL				
ELECTRICAL				
PLUMBING				
MECHANICAL				
ENERGY				
PIPE				

Subject to complete approval of local, state and federal agencies. The Town of Miami Lakes shall not be responsible for any delay or cost of any nature whatsoever.

NOTICE: In addition to the requirements of this permit there may be additional restrictions applicable to this in the public record of this county and town.



Address: 14000 NW 57 CT
Folio #: 32-2024-009-0080
MDC Process #: M2020015256
MDC Tracking #: 3220015256
Job Description: ADDING MONITORS TO AN EXISTING FIRE ALARM

Master Permit #: BLC2019-4934

Sub Permit #: SEL2020-2610

Revision #: _____

OFFICE USE ONLY

ZONING	<input type="checkbox"/> Approved	Date	<input type="checkbox"/> Disapproved	BUILDING	<input type="checkbox"/> Approved	Date	<input type="checkbox"/> Disapproved	STRUCT.	<input type="checkbox"/> Approved	Date	<input type="checkbox"/> Disapproved
	Date				Date				Date		
	Initials				Initials				Initials		
ROOFING	<input type="checkbox"/> Approved	Date	<input checked="" type="checkbox"/> Disapproved	ELECT.	<input checked="" type="checkbox"/> Approved	Date	<input type="checkbox"/> Disapproved	MECH.	<input type="checkbox"/> Approved	Date	<input type="checkbox"/> Disapproved
	Date				Date				Date		
	Initials				Initials				Initials		
PLUMBING	<input type="checkbox"/> Approved	Date	<input type="checkbox"/> Disapproved	FLOOD	<input type="checkbox"/> Approved	Date	<input type="checkbox"/> Disapproved		<input type="checkbox"/> Approved	Date	<input type="checkbox"/> Disapproved
	Date				Date				Date		
	Initials				Initials				Initials		

PLANS CHECKED-OUT

DATE	NAME

PLANS CHECKED-IN

DATE	NAME

	AMOUNTS
BASE PERMIT	
ZONING FEE	
CODE COMPLIANCE FEE	
TECHNOLOGY FEE	
DBPR SURCH. STATE	
DBPR SURCH. BUILDING	
SCANNING FEE	
WORK W/O PERMIT FEE	
UPFRONT FEE PAID	

Miami Dade County Department of Regulatory and Economic Resources - Job Copy

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TOML Permit Application.pdf Date: ___/___/___



6601 Main St • Miami Lakes, Florida, 33014
 Office: (305) 827-4015 • Fax: (305) 558-9884
 Website: www.miamilakes-fl.gov

BUILDING PERMIT APPLICATION

Job Address: 14000 NW 57 CT

Unit #: _____

Folio #: 32- 2024-009-0080 Owner-Builder:

Master Permit #: BLC2019-4934 Sub Permit #: _____ Revision #: _____

OWNER INFORMATION	NAME: <u>US Pharma LTD</u>	LEGAL USE/ WORK	Current Use of Property: <u>4132 Light Manufacturing</u>
	Address: <u>115 Blue Jay Dr. ste: 205</u>		Job Description: <u>Adding 6 monitor modules to an existing Fire Alarm system to monitor 3 tamper & 3 flows added in the new spray booths</u>
	City, State, Zip: <u>Liberty, MO 64058</u>		JOB COST \$ <u>9,871.60</u> AREA/LENGTH: _____ SF/LF
	Phone #: _____ Cell #: _____		Residential <input type="checkbox"/> Multi-Family <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Industrial <input type="checkbox"/>
	Email Address: _____		Code in Effect: _____ Occupancy: _____
CONTRACTOR INFORMATION	Company Name: <u>Chi Alarms</u>	ARCHITECT/ ENGINEER	Construction Type: _____
	Qualifier Name: <u>Rene Chi</u>		Firm Name: _____
	License # <u>EF0000876</u>		A/E of record: _____
	Address <u>14070 NW 82 Ave</u>		License # _____
	City, State, Zip <u>Miami Lakes, FL 33016</u>		Address _____
Phone #: <u>(305)827-2856</u> Cell #: _____	City, State, Zip _____	Phone #: _____ Cell #: _____	
Email Address: <u>autocad@chialarms.com</u>	Email Address: _____		
Permit Type -- Check only One		Change to Permit -- Check only One	
<input type="checkbox"/> Building <input checked="" type="checkbox"/> Electrical <input type="checkbox"/> Mechanical <input type="checkbox"/> Plumbing/Gas <input type="checkbox"/> Paving/Drainage <input type="checkbox"/> Sign <input type="checkbox"/> Roofing <input type="checkbox"/> P/W		<input type="checkbox"/> Extension <input type="checkbox"/> Renewal <input type="checkbox"/> Revision <input type="checkbox"/> Change Contractor <input type="checkbox"/> Shop Drawing <input type="checkbox"/> Cancellation	

Application is hereby made to obtain a permit to do work and installation as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work will be performed to meet the standards, of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for ELECTRICAL WORK, MECHANICAL, PLUMBING, SIGNS, WELLS, POOLS, RE-ROOFING, SHUTTERS, WINDOWS, FURNACES, BOILERS, HEATERS, TANKS, and AIR CONDITIONERS, etc. I understand that in signing this application I am responsible for the supervision and completion of the construction including scheduling of inspections and obtaining final inspections in accordance with the plans and specification WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR ATTORNEY OR LENDER BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT. OWNER/CONTRACTOR 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.

X _____ Signature of Owner or Owner's Agent _____ Date _____
 X Rene Chi Signature of Qualifier _____ Date 7/10/20
Rene Chi Print Name of Qualifier

STATE OF _____ COUNTY OF _____

Sworn to and subscribed before me this _____ 20__

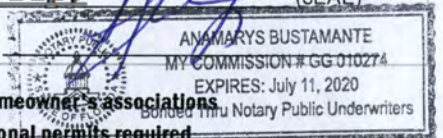
STATE OF Florida COUNTY OF Miami Dade

Sworn to and subscribed before me this 10th July 20__

Miami Dade County Department of Regulatory and Economic Resources - Job Copy

3220015956 Personally Known 7/9/2020 9:14:11 AM

Personally known or I.D. _____



TCA (Tentative Construction Approval) permit applications of this permit, there may be additional deed restrictions enforced by the homeowner's associations that may be 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.

NOTE: This application will be void if there are no reviews after six(6) months.