

## LIST OF EXHIBITS

### EXHIBIT NO.

1. Miami-Dade County Permit for 2002 project (No. 2003-004423)
2. Proposal from Mr. Reloba/Union Electric to Mr. Sans, dated April 12, 2006
3. Letter from Mr. Sans to GSA requesting selection of Union Electric, dated April 21, 2006
4. Award Letter from GSA to Union Electric Contractors Inc., dated April 28, 2006
5. E-mails from Mr. Sans to Miami-Dade County Building Department officials requesting clarification on the need for a permit for 2002 project.
6. Miami-Dade County Building Department Notice Of Violation, dated April 10, 2007

EXHIBIT  
1



# MIAMI-DADE COUNTY



201772002 05128 0012

302-3320-3 FAX 305-376-CENTRAL

32, 10



# MIAMI-DADE COUNTY

WELDING PERMIT AND INSPECTION DEPARTMENT

PERMIT NO. [blank] PROJECT NO. [blank] CONTRACT NO. [blank]

REQUIRED INSPECTIONS  
ELECTRICAL



*A. Schump*

3-20-03

1-9-03 *A. Schump*  
PARTIAL ROUGH AT CROWNING LOOR. NEED TO DO BUILDING  
FRYS.

NEED TO DO BUILDING



# MIAMI-DADE COUNTY



MIAMI-DADE COUNTY BOARD OF COUNTY COMMISSIONERS  
OFFICE OF THE COUNTY ADMINISTRATOR  
1000 BRYAN STREET, SUITE 2000, MIAMI, FL 33134  
TEL: 305-375-2000 FAX: 305-375-2001

FOR MORE INFORMATION, CONTACT THE COUNTY ADMINISTRATOR'S OFFICE AT 305-375-2000

ADDITIONAL POINTS OF CONTACT: STATE OFFICES, OR FEDERAL AGENCIES

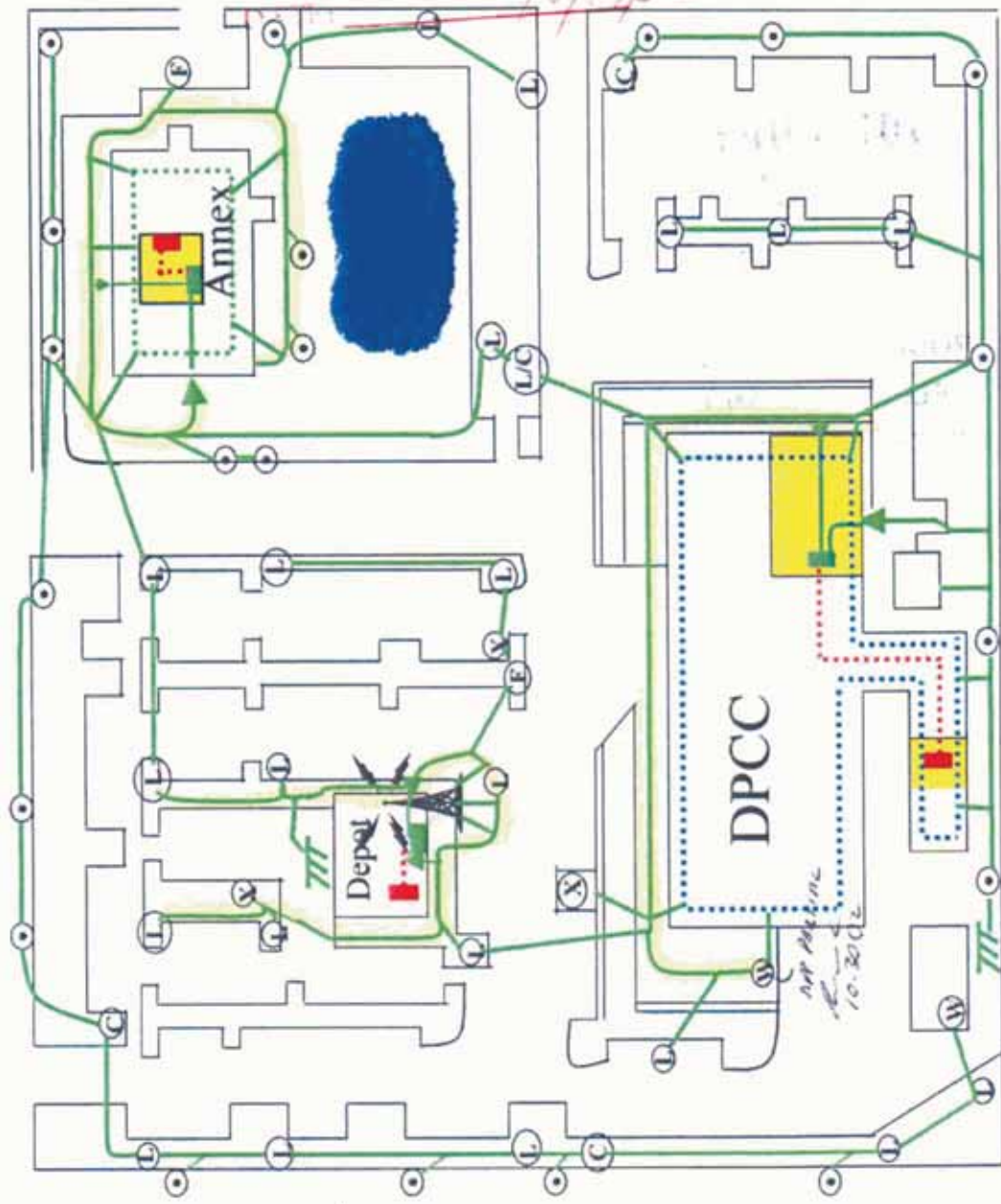
MIAMI-DADE COUNTY  
BUILDING DEPARTMENT

ELECTRICAL SECTION

APPROVED BY: *[Signature]*  
10/17/02

John Clemmons  
615-444-6281  
Fax: 615-547-1603  
E-mail: jmclemmons@aol.com

**JMC COMMUNICATIONS**

- █ AC Neutral
- █ PGB (Principle Ground Bar)
- Ⓛ Lamp Pole
- Ⓒ Camera Pole
- Ⓔ Flag Pole
- ⦿ Connections to Fence
- Ⓜ Cad-weld Connection
- ⓧ Guy Wire Anchor
- Ⓛ/Ⓒ Lamp/Camera Pole
- ⦶ Deadend
- #2 Solid Tinned Copper
- ⋯ Existing DPCC LPS
- ⋯ #0 Ins. Stranded Copper
- ← Entrance To Building

Data Processing and Communications Center	
<b>E911/DPCC Site Grounding Plan</b>	
Drawn By: John Clemmons- JMC Communications	Contract No. BW7066-0/03
Approved By: <i>[Signature]</i>	License No. 38687
Date: 10/17/02 Issue 1	Sheet 1 of 3





October 8, 2002

ISSUE No. 1

### **E911 Campus Grounding Project Notes**

- **Simply stated, this project is to create a single ground system/ground potential for the entire complex at the E911/DPCC property. This project will significantly increase the reliability and protection of this critical E911 system equipment during times of lightning storms and high AC voltage anomalies.**
- **The ground system will be constructed of 2-awg tinned, copper solid wire and 5/8" X 8' copper clad ground rods. The rods of the main ground ring will be spaced approximately 8 feet apart, unless subterranean facilities are present.**
- **This wire shall be exothermically welded to the ground rods.**
- **The average depth of the ground ring wire is 18 inches.**
- **All outside connections of this ring to metallic objects will be made with an exothermic weld. Examples of these items are: lampposts, camera post, the radio tower and guys, and the various perimeter fence sections. These connections to the ground system will be constructed in a similar manner.**
- **The DPCC building LPS and associated cooling tower LPS systems shall be bonded to the DPCC ground ring system by means of exothermic welding. The same type 2-awg solid wires shall be used. There will be 6 connections made.**
- **A roof halo will be installed on the annex building. This halo will consist of 2-awg solid, tinned wires and several**

*[Handwritten signature]*  
*10/17/02*

**16''X4''X1/4'' copper bars. This ground system will serve to bond all roof-mounted antennas and all coaxial protector units. These protector units will be connected to the ground bars by exothermic welding. This halo will have five individual down connections to the annex ground ring.**

- **The entrance hatch for the antennas' coaxial cables will also be bonded to the annex ground ring, as will all metallic objects outside this building.**
- **A principle ground bar will be installed in each building. Each ground bar will be connected to the building ring with two redundant connections of #2 solid-tinned copper wire. These wires will be routed through PVC conduit inside the building.**
- **Each Principle Ground bar (PGB) will have a connection to the AC neutral with a 4/0 green, insulated, stranded copper cable. This connection will be made at the main AC neutral entrance point. These cables will be routed in PVC conduit.**
- **Each building will have a "ground tree" arrangement installed to provide a ground appearance (Equipment Ground bar) (EGB) in each telephone, radio and data server room.**
- **The various dispatch room position equipment will also be bonded to this ground system.**
- **All inside wire connector lugs will be 2-hole compression type.**
- **All inside splices will either be exothermically welded or will be "H" or "C" type compression splices.**

*[Handwritten signature]* 10/17/02



① 1

EXHIBIT  
tabbicy  
2

**UNION ELECTRIC CONTRACTORS INC.**

7115 SW 162 PATH MIAMI, FL 33193

305-387-4958 FAX: 305-388-9559

---

**PROPOSAL**

**DATE: 04-12-2006**

**PROJECT NAME: GROUNDING UPGRADE**

**PROJECT LOCATION: ANNEX BLDG.**

**PROJECT MANAGER: RAFAEL SANS**

**G.C.: N/A**

---

**OPTIONAL QUOTES AND MILESTONES**

**2.2 Ground kit installation for all outside exposed coaxial cables NOTE: This quote assumes that two kits per cable will be necessary (one kit at antennae, one kit at outside entrance to hatch). NOTE: On most cables it may be more time efficient to replace the kit without investigating the old kit due to residue of tar on the metallic sheath. Obviously, should the cables be replaced, (see 2.3 items below) the ground kits will be placed on the new cables.**

**TOTAL \$13,565.00**

---

**2.3 Antenna Cabling and Wind Protection: This would assume using steel bracing and 18 gauge sheet galvanized metal, mounted with stainless bolts/screws, and custom metal fabrication. Should the material type change this price would move accordingly.**

**TOTAL \$54,650.00 NOTE: This section will include replacing the 14 new coaxial cables.**

---

**2.7 Breaches in Building Structural Integrity**

**TOTAL \$9,345.00**

---

**2.8 Old Power Entrance on North Side and proper wall sealing**

**TOTAL \$9, 225.00**

---

**Optional Project Total \$86,785.00 (QUOTE GOOD FOR 30 DAYS)**

---

**Thank You,  
Union Electric Contractors Inc.**

(2)

**UNION ELECTRIC CONTRACTORS INC.**

7115 SW 162 PATH MIAMI, FL 33193 305-387-4958 FAX: 305-388-9559

---

**PROPOSAL**

**DATE: 04-12-2006**

**PROJECT NAME: GROUNDING UPGRADE**

**PROJECT LOCATION: ANNEX BLDG.**

**PROJECT MANAGER: RAFAEL SANS**

**G.C.: N/A**

---

We agree to upgrade the Annex ground system along the guidelines set forth in the scope of work (SOW) as provided to us by Mr. Rafael Sans, Project Manager Grounding -ETSD.

To include but not limited to the following:

Grounding cables, terminals, crimps, connectors, ground blocks, tin-plated grounding bars,  
Cad welds, P.V.C. conduit, straps and supports, isolators, bushings, etc...

We also agree to accept the milestone payments set forth in Mr. Sans' SOW as follows:

**2.1 Halo, 2.4 Exothermic welds - \$14,074.00**

---

**2.5 Outside Ground Bar**

**2.6 CATV**

**2.9 OUTSIDE GROUND CONDUCTORS**

**2.10 Miscellaneous Equipment - \$11,591.00**

---

3.1 Hatch Plate  
3.2 Polyphasers  
3.3 Signal Splitters and East Wall Board  
3.4 Metallic Encircling Clamps  
3.5 Power outlets and EMT \$20,697.00

---

3.6 Power Panel, Raceways and Outlets  
3.7 Caterpillar Engine/Generator \$2,484.00

---

3.8 New Equipment Room (Room 401) \$19,042.00

---

3.9 Ground Stations (Pit area, room 409, room 450, etc.) \$14,902

---

**Project Total \$82,790.00 (QUOTE GOOD FOR 30 DAYS)**

---

Thank You,  
Union Electric Contractors Inc.

10%



Enterprise Technology Services  
 Field Services Division  
 10300 Sunset Drive • Suite 450  
 Miami, Florida 33173-3021  
 T 305-596-8469

miamidade.gov



ADA Coordination

Agenda Coordination

Animal Services

Art in Public Places

Audit and Management Services

Aviation

Building

Building Code Compliance

Business Development

Capital Improvements

Citizens' Independent Transportation Trust

Commission on Ethics and Public Trust

Communications

Community Action Agency

Community & Economic Development

Community Relations

Consumer Services

Corrections & Rehabilitation

Cultural Affairs

Elections

Emergency Management

Employee Relations

Empowerment Trust

Enterprise Technology Services

Environmental Resources Management

Fair Employment Practices

Finance

Fire/Rescue

General Services Administration

Historic Preservation

Homeless Trust

Housing Agency

Housing Finance Authority

Human Services

Independent Review Panel

International Trade Consortium

Juvenile Assessment Center

Medical Examiner

Metrop-Miami Action Plan

Metropolitan Planning Organization

Park and Recreation

Planning and Zoning

Police

Procurement Management

Property Appraisal

Public Library System

Public Works

Safe Neighborhood Parks

Seaport

Solid Waste Management

Strategic Business Management

Tourism/Metro

Transit

Task Force on Urban Economic Revitalization

Vicelys Museum and Gardens

Water & Sewer

April 21, 2006

Wendi Norris  
 Director, GSA

Re: GSA Project No. W60213

Ms. Norris:

A variety of haphazard connections have been made to the communications grounding system at the MDPD Annex building. The Annex forms part of the 911 Campus located at 5680 SW 87 Avenue and houses a new equipment room comprising of 911 life-safety equipment, such as the redundant telephone system, network switches, recording equipment, etc. The Annex also contains backup 911 dispatcher stations. These defective connections were made as a result of the new UHF radio system installation. And these faulty grounding connections are a source for lightning and power utility surge potentials to be induced into the building. Moreover, lightning and hurricane season is about 1-month away, and any lightning or power surge potentials entering the building will be detrimental to the 911 operation at the Annex resulting in outages.

The communications grounding system was installed in 2003 and has performed reliably ever since. But prior to the installation of this system, costly outages were taking place frequently. This had been so extensive that on August 29, 2001 a full outage took place at Miami-Dade 911 operations resulting in calls being re-routed to the City of Miami Beach. This full outage brought about the installation of a campus wide communications grounding system involving all the buildings (including the Annex) and all miscellaneous metallic objects.

Union Electric was engaged to construct the 2003 grounding system. In addition, Union Electric has the experience and expertise with the grounding standard we have adopted.

Since Union Electric installed the communications grounding system that is currently in place at the 911 Campus, Union is the contractor most familiar with the site grounding and would not have to deal with a learning curve of the site details. Therefore, they can proceed to accomplish the work involved with the least amount of lead time and instruction.

Our customer MDPD is greatly interested in accomplishing the Annex grounding correctly and within the least amount of time since the lightning and hurricane season is about 1-month away.

In summary, it is crucial that we engage Union Electric in order to expedite the completion of this work. Union is contracted with the County under contract number CICC7040-0/07. Thus, we would appreciate your assistance in accessing this contract.

Thank you,

*Rafael J. Sang*

Rafael J. Sang  
 Infrastructure Systems Engineer  
 Enterprise Technology Services Department

Donald Fleming, Ph.D.  
 Director  
 Enterprise Technology Services Department



General Services Administration  
 Construction Management &  
 Renovation Services Division  
 Office of the Director  
 111 NW 1st Street • Suite 2420  
 Miami, Florida 33128-1909  
 T 305-375-1101 F 305-375-1125

miamidade.gov

- ADA Coordination
- Agenda Coordination
- Art in Public Places
- Audit and Management Services
- Aviation
- Building Code Compliance
- Building
- Business Development
- Capital Improvements
- Citizen's Independent Transportation Trust
- Communications
- Community Action Agency
- Community & Economic Development
- Community Relations
- Consumer Services
- Corrections & Rehabilitation
- Countywide Healthcare Planning
- Cultural Affairs
- Elections
- Emergency Management
- Employee Relations
- Enterprise Technology Services
- Environmental Resources Management
- Fair Employment Practices
- Finance
- Fire Rescue
- General Services Administration
- Historic Preservation
- Homeless Trust
- Housing Agency
- Housing Finance Authority
- Human Services
- Independent Review Panel
- International Trade Consortium
- Juvenile Assessment Center
- Medical Examiner
- Metropolitan Planning Organization
- Park and Recreation
- Planning and Zoning
- Police
- Procurement Management
- Property/Appraiser
- Public Library System
- Public Works
- Safe Neighborhood Parks
- Seaport
- Solid Waste Management
- Strategic Business Management
- Team Metro
- Transit
- Urban Revitalization Task Force
- Vizcaya Museum and Gardens
- Water and Sewer

April 28, 2006  
 Fax: (305) 388-9559  
 Certified Mail

Mr. Jose Ruiz  
 Union Electric Contractors Inc.  
 7115 SW 162 Path  
 Miami, FL 33193



Re: Notice of Award/Notice to Proceed, Grounding Upgrading  
 MDPD Annex Building, 5600 SW 87<sup>th</sup> Ave., Miami FL  
 Emergency RPQ No. W60213; CICC7040-0/07

Dear Mr. Ruiz:

This letter will serve as your notification that you have been awarded the above referenced work order based on your Price Quotation submitted on April 12, 2006. The total work order amount is \$169,575.00 and you are authorized to proceed with the work starting May 1, 2006 and that all work must be completed on schedule in accordance with the contract documents. The time allotted for the contract is 90 consecutive calendar days which results in a scheduled completion date of August 1, 2006.

This letter will also serve as a reminder that all work must be performed in accordance with the Contract Documents and in accordance with all applicable federal, state and local laws, codes and regulations. You will be notified of a date, time and location of the forthcoming pre-construction meeting. In accordance with Contract procedure, the Miami-Dade County ADPICS Purchase Order Release Number is POGS0607682.

Should you have any questions regarding this notification, please contact Ivan Vega at (305) 375-3303.

Sincerely,

Jose R. Perez, A.I.A., Director  
 GSA/Construction Management  
 & Renovation Services Division

cc: Vicente Rodriguez, Manager, CM Section  
 Ivan Vega, Project Manager  
 Ruth Castellanos, Administrative Officer  
 Project File



**Auch, Michael (OIG)**

---

**From:** Sans, Rafael J (ETSD)  
**Sent:** Tuesday, April 10, 2007 10:22 PM  
**To:** Auch, Michael (OIG); Williams, Shelby (OIG)  
**Cc:** Aguirre, Juan (ETSD); Schmekel, Lars (ETSD); Petisco, Angel (ETSD)  
**Subject:** FW: E-911 LIGHTNING PROTECTION GROUNDING PROJECT



Thank you for taking the time to talk to me this afternoon. Below is the email you requested from about 5-years ago that says that attaching to the neutral in the main electric service panel qualifies for applying for a permit under fee code G067 (repair or upgrade of existing service).

Also, thanks for clarifying that my management can proceed with either one of the two options they are contemplating in order to resolve the permitting question associated with the 911 Annex Grounding Project. As you mentioned, your investigation is historical and does not intend to hinder County processes in moving forward.

As we discussed, the options being contemplated are:

1. Trying to find a contractor willing to take on the responsibility of applying for a permit for the Annex job, which although mostly completed, is in progress and is under investigation. However, this is contingent on whether OCI/GSA has terminated Union Electric.
2. Meeting with Stuart Bazerman, Division Director with the Bldg. Dept. Electrical Section to discuss with him the email below from 2002 in order to ratify what was discussed in 2002 that a permit was required only because we were connecting to the neutral in the main panel.

As I mentioned, I will be meeting with my management tomorrow to review these options.

Once again, thank you for your time.

***Rafael J. Sans***

Infrastructure Systems Engineer

Enterprise Technology Services Department

Miami-Dade County Government

[sansr@miamidade.gov](mailto:sansr@miamidade.gov)

305-596-8048

305-596-8096 Fax

---

**From:** Bazerman, Stuart (Building)

4/17/2007

To: Danger, Charles (Building)

Subject: E-911 LIGHTNING PROTECTION GROUNDING PROJECT

Mr. Danger:

I am involved with a project to build a new grounding network to protect the E-911 Center located on Southwest 87th Avenue and 56th Street against lightning damage. This project involves installing a ground field for all the buildings, grounding telecommunications cabling and freestanding metal objects on the property, as well as all equipment rooms, dispatch rooms, and operations center. The new grounding network will also be connected to the A.C. neutral in the main electric service panel of each building. This new grounding network is necessary to protect costly equipment circuit packs and to prevent failure of 911 equipment during a lightning strike or strikes by preventing differences in potential, which cause damaging transient currents. Therefore, during a lightning strike, all the equipment and telecommunications cabling on the property rises and drops in potential together.

Consequently, the dilemma that I am faced with is whether a permit is required for this E-911 lightning protection grounding work. If a permit is required, under what category shall the permit be applied for? Please advise. Thanks.

*Rafael J. Sans*

Infrastructure Systems Engineer

Field Services Division

Information Technology Department

Miami-Dade County Government

[sansr@miamidade.gov](mailto:sansr@miamidade.gov)

(305) 596-8048

(305) 596-8671 FAX

4/17/2007



This is a G067 fee code( repair or up grade existing service ). Plans and processing are required for this work since we are tying into the service equipment and creating a complete ground grid.

-----Original Message-----

**From:** Danger, Charles (Building)

**Sent:** Monday, September 16, 2002 3:18 PM

**To:** Bazerman, Stuart (Building)

**Subject:** FW: E-911 LIGHTNING PROTECTION GROUNDING PROJECT

Stu please give him the specific subcategory. Thanks

-----Original Message-----

**From:** Sans, Rafael J (ITD) (305) 596-8048

**Sent:** Monday, September 16, 2002 2:38 PM

**To:** Danger, Charles (Building)

**Subject:** RE: E-911 LIGHTNING PROTECTION GROUNDING PROJECT

Category 01 General Electric has several sub-categories. Which one shall we use for lightning protection grounding?

-----Original Message-----

**From:** Danger, Charles (Building)

**Sent:** Monday, September 16, 2002 1:01 PM

**To:** Sans, Rafael J (ITD) (305) 596-8048

**Cc:** Bazerman, Stuart (Building); Lombardi, Victor (Building)

**Subject:** RE: E-911 LIGHTNING PROTECTION GROUNDING PROJECT

Hi, Yes a permit is required. Category 01 General, electric.

-----Original Message-----

**From:** Sans, Rafael J (ITD) (305) 596-8048

**Sent:** Monday, September 16, 2002 11:36 AM

**Sent:** Monday, September 16, 2002 4:40 PM  
**To:** Bazerman, Stuart (Building); Sans, Rafael J (ITD) (305) 596-8048  
**Cc:** Danger, Charles (Building)  
**Subject:** RE: E-911 LIGHTNING PROTECTION GROUNDING PROJECT

The plans should also show the lighting / surge arrestor system.

-----Original Message-----

**From:** Bazerman, Stuart (Building)

**Sent:** Monday, September 16, 2002 4:09 PM

**To:** Sans, Rafael J (ITD) (305) 596-8048

**Cc:** Danger, Charles (Building)

**Subject:** RE: E-911 LIGHTNING PROTECTION GROUNDING PROJECT

Attaching to the grounded system in each main panel qualifies the use to this fee code. The inspector needs a set of plans to have a clear understanding of the scope of the job, and to make proper inspections.

-----Original Message-----

**From:** Sans, Rafael J (ITD) (305) 596-8048

**Sent:** Monday, September 16, 2002 3:53 PM

**To:** Bazerman, Stuart (Building)

**Cc:** Danger, Charles (Building)

**Subject:** RE: E-911 LIGHTNING PROTECTION GROUNDING PROJECT

Please remember that this is a static system, and that 0-amps will normally flow through it. Also, we are not repairing or upgrading the existing service (as subcategory G067 specifies).

-----Original Message-----

**From:** Bazerman, Stuart (Building)

**Sent:** Monday, September 16, 2002 3:39 PM

**To:** Sans, Rafael J (ITD) (305) 596-8048

**Cc:** Danger, Charles (Building)

**Subject:** RE: E-911 LIGHTNING PROTECTION GROUNDING PROJECT

4/17/2007



Miami-Dade County Building Department  
Building Support Section  
11805 S.W. 26 Street (Coral Way), Room 230  
Miami, FL 33175-2474  
T 786 315-2424 F 786 315-2912

miamidade.gov

DATE: 4/10/2007



TO: MIAMI-DADE COUNTY  
GSA R/E MGMT  
111 NW 1 ST STE 2460  
MIAMI, FL 33128-1929

PROPERTY LOCATION: 8700 SW 56 ST FOLIO: 30-4028-000-0020

YOU ARE HEREBY NOTIFIED that an inspection of the above premises disclosed that you have violated the provisions of the Florida Building Code which have been adopted as the uniform building code for Miami-Dade County, Florida or provisions of the Code of Miami-Dade County.

Type of Violation:

- |   |  |   |  |
|---|--|---|--|
| <input type="checkbox"/> Building                         | <input checked="" type="checkbox"/> Electrical     | <input type="checkbox"/> Plumbing               | <input type="checkbox"/> Mechanical                  |
| Chapter: 1  | Section: 105.1                                     |   |  |
| <input checked="" type="checkbox"/> Florida Building Code | <input type="checkbox"/> Code of Miami-Dade County | <input type="checkbox"/> Other Adopted Standard | <input type="checkbox"/> South Florida Building Code |

Failure to obtain required building permit(s) prior to commencing work on: REPAIRS AND ALTERATIONS TO THE EXISTING ANNEX GROUNDING SYSTEM.

REQUIREMENTS FOR CORRECTION

Obtain the required permit(s), pay applicable permits fees and penalties and call for required inspections or remove all work.

Received  
By: \_\_\_\_\_  
Date: \_\_\_\_\_

Date Mailed: 4/10/2007  
Return Receipt Number:

Therefore you are hereby directed that on or before Thursday, May 10, 2007

You are to correct said VIOLATION and NOTIFY THE UNDERSIGNED BUILDING INSPECTOR that the VIOLATION has been corrected. Failure to make the correction(s) will result in one or more of the following actions: issuance of a ticket(s) in the amount of \$500.00 or more, filing of a civil suit or criminal charges against you or initiation of an unsafe structures case requiring demolition of the structure. Also, failure to comply with this notice may result in the department withholding issuance of other permits to you, referral of this matter to the appropriate licensing board or the filing of a lien against your property in the amount of any unpaid ticketing fines.

PLEASE GOVERN YOURSELF ACCORDINGLY.

MIAMI-DADE COUNTY

BUILDING DEPARTMENT

Building Inspector  
Ernesto Dieguez

*Delivering Excellence Every Day*

Case Number: 20070109285

For permitting information, please visit our website at  
[www.miamidade.gov/bldg](http://www.miamidade.gov/bldg)

E-Mail Address: [bldgdept@miamidade.gov](mailto:bldgdept@miamidade.gov)  
HomePage: <http://www.miamidade.gov/bldg>