

# THE AUDIO BUG, INC.

3800 HILLCREST DRIVE, # 102 • HOLLYWOOD, FL 33021-7937 • PHONE: 954-983-2788 • FAX: 954-983-2789 • [audiobug1@aol.com](mailto:audiobug1@aol.com)

July 25, 2016

Michael Belush, AICP  
Planning & Zoning Manager  
Planning Department  
1700 Convention Center Drive  
Miami Beach, FL 33139  
Phone: 305-673-7000, ext. 6258  
Fax: 305-673-7559  
[MichaelBelush@miamibeachfl.gov](mailto:MichaelBelush@miamibeachfl.gov)

Reference: File No. 1959 - Neighborhood Impact - Sound Study  
Soho Beach Hotel  
4385 Collins Avenue  
Miami Beach, Florida 33140

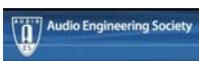
Dear Mr. Belush,

In this report, I am providing details on my inspection of the sound system at Soho Beach Hotel. This inspection was intended to determine whether any changes have been made to the system that might concern its performance or manner in which it could affect neighboring properties. A copy of the original sound system layout and number of speakers is attached for review.

Specifically, I've addressed the modifications which relate to the expansion of Mandolin restaurant in the rear yard. Soho Beach proposes an increase in seating at Mandolin in the rear yard from 28 to 72 seats. All other venues are remaining the same as originally approved.

On Monday, July 18, I conducted a site survey at the Soho Beach Hotel to assess the sound systems on all floors. I was accompanied by Rene Pereda, the hotel's AV/IT Manager. The only differences between the original design documents and the current loudspeaker inventory were found in the Mandolin restaurant. Mr. Pereda and I first visited the Mandolin restaurant and assessed the system located there. The loudspeakers originally intended in the Tiki Bar apparently failed due to weather exposure so they were removed sometime back. Six Bose FreeSpace 360 II in-ground loudspeakers have been installed to replace these with three located on either side of the dining area. In addition, two small QSC loudspeaker are mounted on the bar framework facing north into the restaurant. All of these loudspeakers are attached to the same password controlled main system electronics as all other areas. The system was playing at a very low background sound level and it could not be heard beyond the space's perimeter. There is no reason to expect that this will present any additional impact on neighboring properties.

The remaining outdoor spaces were then visited, including A) the 2<sup>nd</sup> floor Club Bar restaurant which overlooks the pool deck and B) the 8<sup>th</sup> floor bar and pool deck. All of the existing loudspeakers in these two areas are those shown on the design document with the exception of some seen in the Club Bar. Apparently the original loudspeakers in that area deteriorated some time back and were replaced with small column type devices that are shown on page three. These newer loudspeakers have also deteriorated to the point where they no longer work. Mr. Pereda indicated that



# THE AUDIO BUG, INC.

3800 HILLCREST DRIVE, # 102 • HOLLYWOOD, FL 33021-7937 • PHONE: 954-983-2788 • FAX: 954-983-2789 • [audiobug1@aol.com](mailto:audiobug1@aol.com)

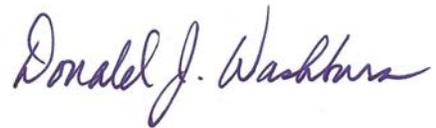
---

they were scheduled to be replaced but he was not certain as to when that will occur.

We also inspected the electronic components which control and power the various systems and found they are also still configured as per the original specification. Sound levels are controlled and password protected as before. Based on my recent observations, I do not expect that there will be any change in sound level performance at this property. Therefore, we can presume that no violations of noise impact on neighboring properties will occur.

I welcome questions from interested parties and would be happy to meet with you or one of your staff to review site conditions.

Respectfully submitted,



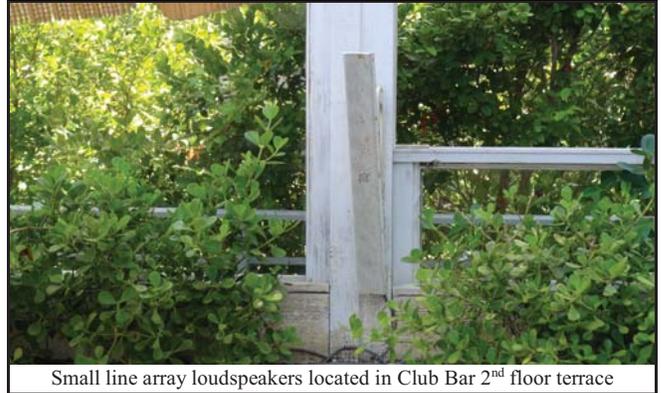
Donald J. Washburn  
President



## Soho Beach Hotel Site Photographs



Small line array loudspeakers located in Club Bar 2<sup>nd</sup> floor terrace



Small line array loudspeakers located in Club Bar 2<sup>nd</sup> floor terrace



System Electronics and Controls



System Electronics and Controls



Club Bar



View of Pool Deck from Mandolin restaurant

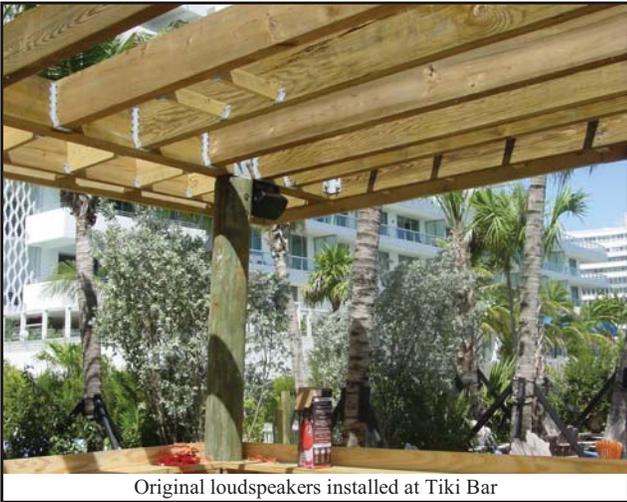
## Soho Beach Hotel Site Photographs



Rooftop Pool Deck



Rooftop Pool Deck



Original loudspeakers installed at Tiki Bar



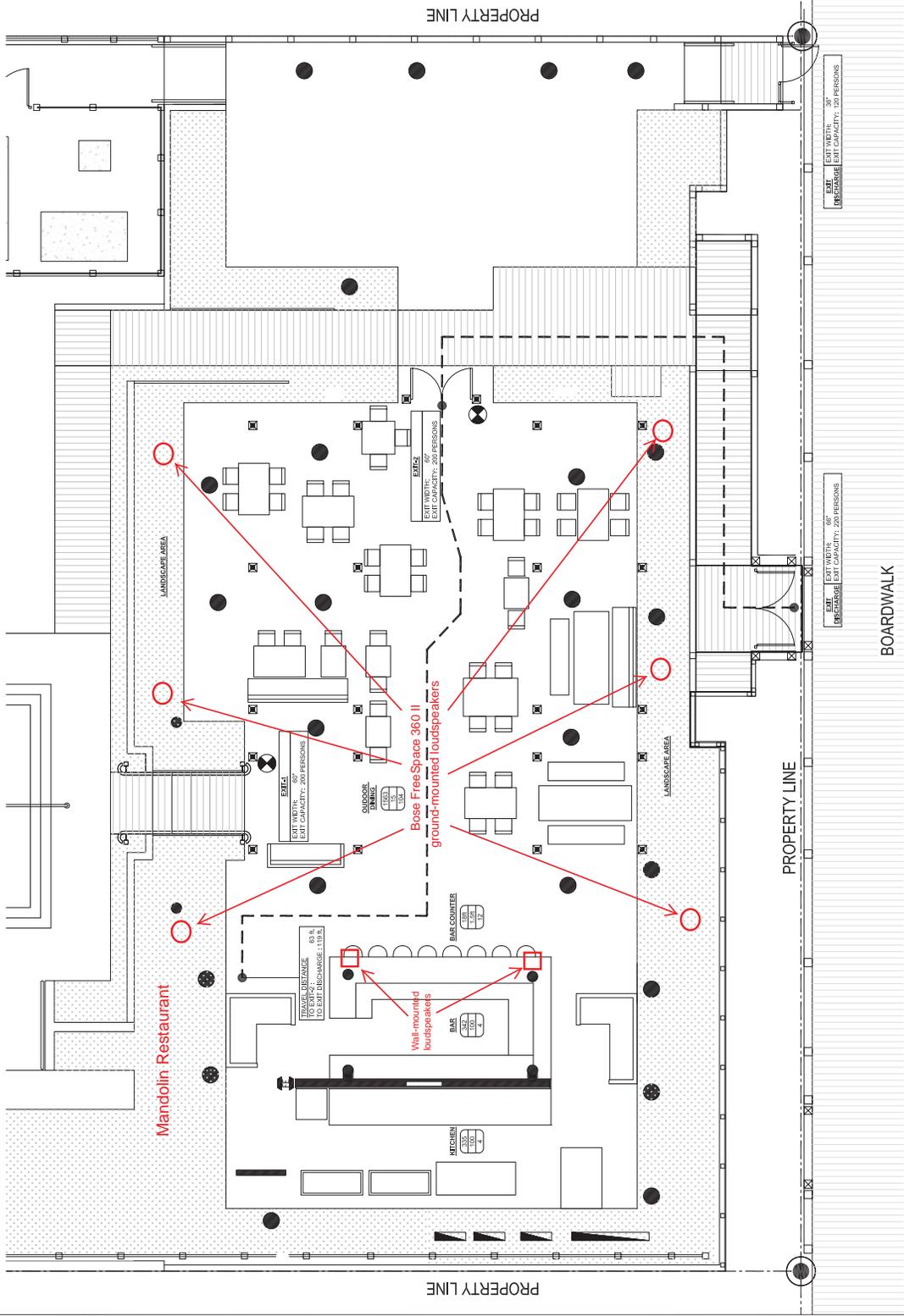
Original loudspeakers installed at Tiki Bar



Bose FreeSpace 360 II in-ground loudspeakers newly installed



Bose FreeSpace 360 II in-ground loudspeakers newly installed



Mandolin Restaurant

Bose FreeSpace 360 II  
ground-mounted loudspeakers

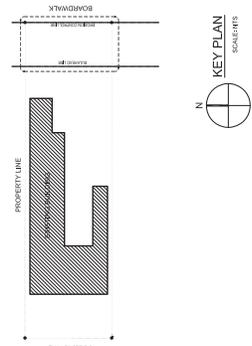
Walk-mounted  
loudspeakers

**OCCUPANT LOAD SUMMARY**

OUTDOOR DINING	194 PERSONS
BAR COUNTER	10 PERSONS
BAR STOOLS	4 PERSONS
KITCHEN	14 PERSONS
<b>OCCUPANT LOAD TOTAL</b>	<b>222 PERSONS</b>
<b>SEATS PROVIDED</b>	<b>75 SEATS</b>

**LEGEND**

XXXXX	ROOM NAME
XXXX	ROOM AREA (SQ. FT.)
XXXX	SEATING CAPACITY
XXXX	OCCUPANT LOAD (PERSONS)
---	EGRESS PATH
○	EXIT SIGN
⊕	KLASS EXTINGUISHER



SOHO BEACH HOUSE MANDOLIN  
SCALE: 1/8"=1'-0"

KEY PLAN  
SHEET 01

# THE AUDIO BUG, INC.

3800 HILLCREST DRIVE, # 102 • HOLLYWOOD, FL 33021 • PHONE: 954-983-2788 • FAX: 954-983-2789 • [audiobug1@aol.com](mailto:audiobug1@aol.com)

---

October 13, 2010

Richard G. Lorber  
Acting Planning Director  
1700 Convention Center Drive  
Miami Beach, FL 33139

Reference: Soho Beach House Sound System Final Inspection Report

Dear Mr. Lorber,

On September 27, 2010, I conducted a final inspection of the sound system at Soho Beach House to confirm its compliance with previously submitted specifications and the City of Miami Beach's Noise Ordinance.

Areas included in my inspection included the ground-level Courtyard, Pool Deck and Tiki Bar, the second floor Terrace Lounge and the eighth floor Pool Deck and Bar. Sound levels along the ground floor property line were limited to about 65 dBA, making them essentially inaudible at the Sheraton Four Points, the only property with potential exposure to sound from the Soho Beach House at ground level. Throughout the Courtyard, Pool Deck and upper Terrace Lounge, sound levels averaged 70 to 75 dBA, consistent with preventing music from being heard off-property.

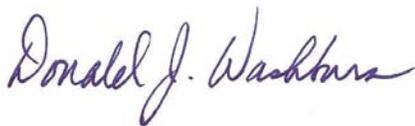
Sound levels on the Rooftop were below measurability due to windy conditions. Suffice it to say that the music levels were very low and will not intrude on the neighboring properties to the north and south of Soho Beach House.

Based on my inspection of the system, it is my professional opinion that the Soho Beach House's sound system fully complies with the performance criteria originally set forth in the design documents. The loudspeaker layout, spacing and orientation are consistent with my original recommendations and all electronic components are adjusted to ensure that predetermined sound level limits cannot be exceeded.

In summary, the system complies with the City of Miami Beach's Noise Ordinance and will perform at intended sound levels.

I welcome any questions you may have concerning the system and my inspection.

Respectfully submitted,



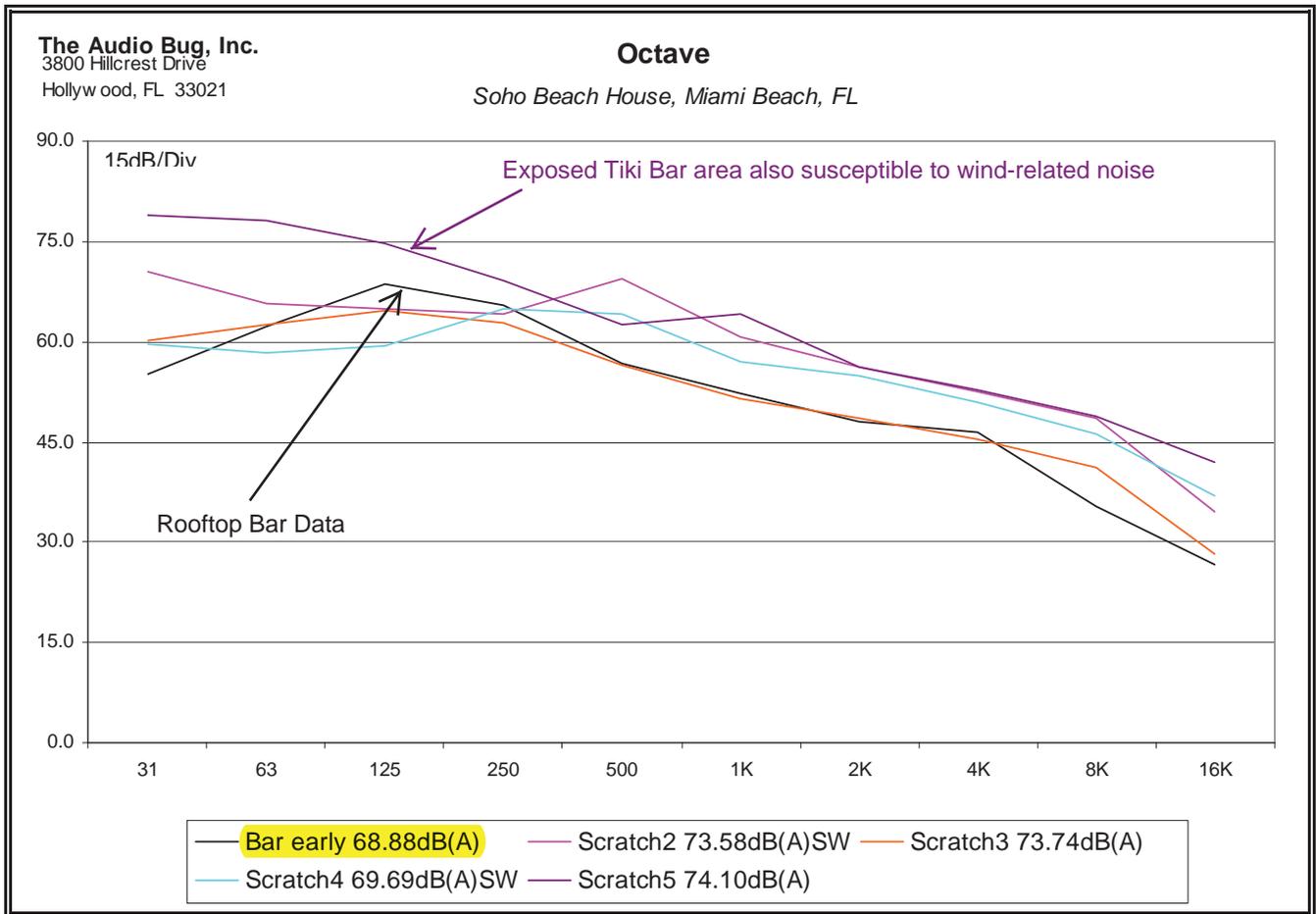
Donald J. Washburn  
President



## Soho Beach House Sound System Final Inspection Report

Measurements gathered during September 27, 2010 Survey

NOTE: Curve labeled "Bar early" where wind noise skewed data, masking music



# FreeSpace® Model 360P-II In-Ground Loudspeaker



## The sound you'll notice. The speaker you won't.

The FreeSpace Model 360P-II loudspeaker reproduces music with the presence and depth you would expect only indoors. And it delivers notes that can be easily understood – even in busy outdoor environments. All while disappearing into nearly any outdoor setting.

## Put sound where the listeners are.

The durable 360P-II loudspeaker is designed to work in locations where many conventional speakers cannot – shrubbery, gardens, pool areas. It is a proven solution for outdoor locations such as restaurants, amusement parks, open-air retail environments, and resort and hospitality venues. It can also be used indoors in large open spaces like atriums, foyers, and malls.

## More sound coverage with fewer loudspeakers.

Using an innovative design, the 360P-II loudspeaker provides 360° coverage, so fewer loudspeakers

are needed than with many conventional ground-mounted loudspeakers. Sound is dispersed evenly both horizontally and vertically allowing listeners to hear consistent sound either sitting or standing.



## The sound you want. The durability you need.

A heavy-duty enclosure and an advanced composite driver make the FreeSpace 360P-II loudspeaker exceptionally rugged and reliable. It is built to withstand sand, snow, rain, salt and temperature extremes of 158°F (70°C) to -40°F (-40°C). And it survives the Salt Fog test 66% longer than the demanding Marine Industry Standard. It is also backed by a 5-year transferable warranty.



# FreeSpace® Model 360P-II In-Ground Loudspeaker

## Specifications

### FreeSpace® Model 360P-II Loudspeaker

**Versions:** 70/100V transformer

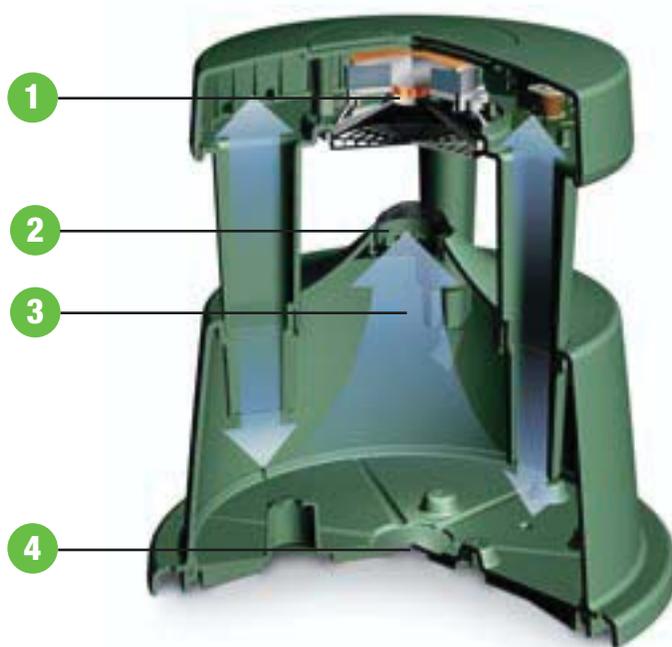
**Taps available:** 10W, 20W, 40W, 80W

**Frequency response:** 70Hz to 16kHz  $\pm$ 3dB

**Maximum output:** 101dB SPL @ 1m

**Dispersion:** 360° horizontal, 50° vertical

**Color:** Green



- 1** **Downward-firing Bose® environmental 4.5" full-range driver** withstands weather extremes all year round.
- 2** **Domed port grille** reflects sound into the listening area for clear, consistent performance.
- 3** **Centrally located port** enhances low-frequency reproduction.
- 4** **Base flange** with 3 mounting holes provides stability and security when surface mounted or set in ground.

Product specifications subject to change without notice.

**For more information  
call 877.428.2673**

or contact  
Bose Corporation  
Professional Systems  
The Mountain  
Framingham, MA 01701

[www.bose.com/pro](http://www.bose.com/pro)

**BOSE®**  
Better sound through research®















**London Terra Associates Inc.**  
 2545 Collins Avenue, Suite C-9  
 Miami Beach, Florida, 33140 U.S.A.  
 Phone: (305) 672-1158  
 Email: info@londonterraassociates.com

**CONTRACT:** SOHO BEACH HOUSE  
 4386 COLLINS AVENUE  
 MIAMI BEACH, FL 33140

**CLIENT:** MARCUS BARWELL  
 SOHO HOUSE NEW YORK 20-85 PTH AVE.  
 NEW YORK NY 10014  
 TEL: (212) 692-2200  
 MARCUS@SOHODOUBLE.COM  
 WWW.SOHODOUBLE.COM

**ARCHITECT:** Alina T. Shulman Architects  
 100 NE 38th Street, No. 2  
 Miami, FL 33137

**KEYWORDS:**

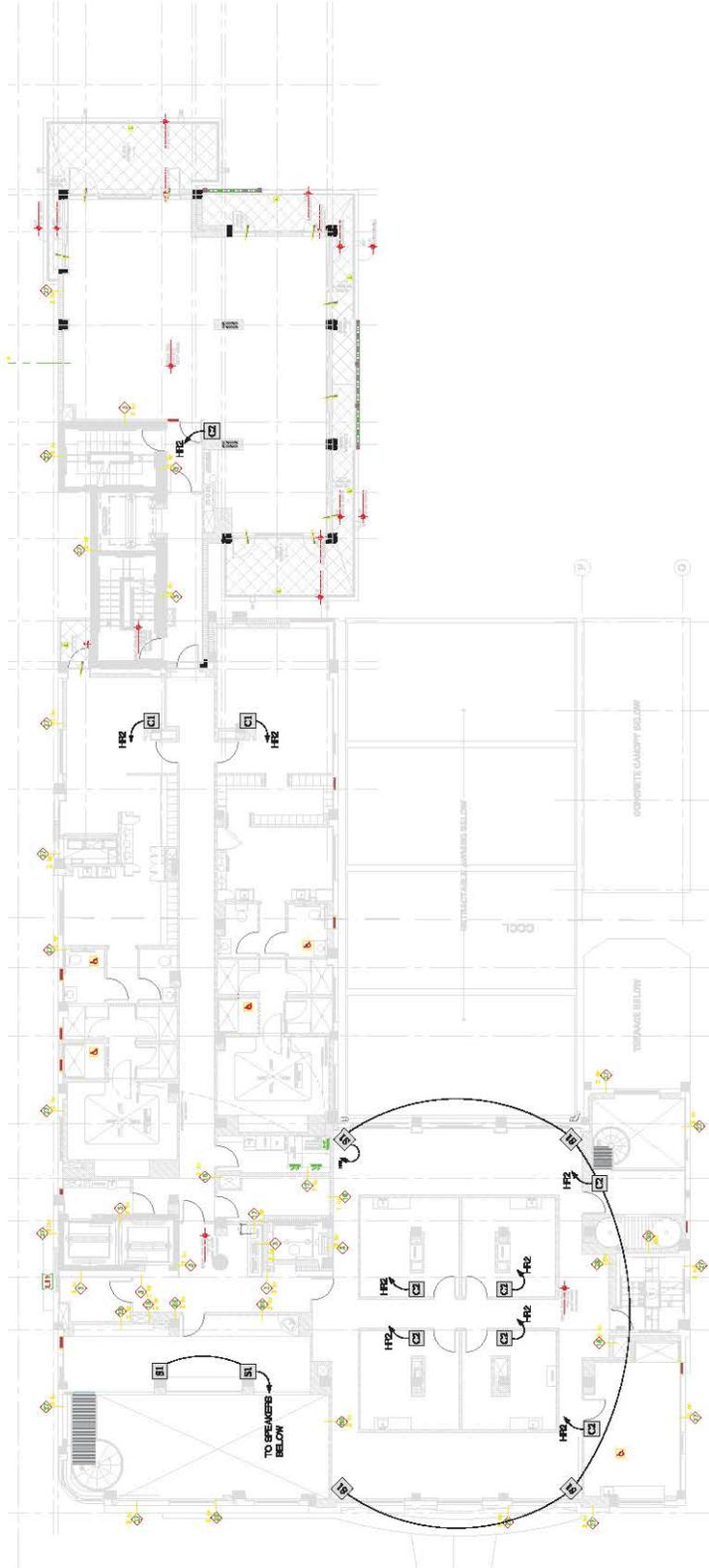
**SCALE:** 1/8"=1'-0"

**DATE:** 3/1/10

**DESCRIPTION:** 3RD FLOOR PLAN

**LOCATION:** THIRD FLOOR

**DRAWING NO.:** LTA-AV-6



**3RD FLOOR PLAN**

SCALE: 1/8"=1'-0"

**LEGEND**

(B)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(C)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(D)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(E)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(F)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(G)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(H)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(I)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(J)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(K)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(L)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(M)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(N)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(O)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(P)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(Q)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(R)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(S)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(T)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(U)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(V)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(W)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(X)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(Y)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.
(Z)	WALL CONTAINING NAME, ADDRESS, PHONE NUMBER, WEBSITE, AND OTHER INFORMATION SHALL BE FINISHED WITH THE SAME FINISHES AS THE ADJACENT WALLS UNLESS OTHERWISE NOTED.













**London Town Associates Inc.**  
 2555 Collins Avenue, Suite C-9  
 Miami Beach, Florida, 33140 U.S.A.  
 Phone: (305) 673-4042 Fax: (305) 673-1158  
 Email: info@londontownassociates.com

Copyright of this drawing and all items herein is the property of LONDON TOWN ASSOCIATES.  
 The drawing is based on the conditions and specifications set forth in the contract documents and no account is to be taken of any discrepancy between the drawing and the contract documents.  
 LONDON TOWN ASSOCIATES is a consultant only and is not responsible for the design or construction of any structure or system. The design is based on the information provided by the client and is not intended to be used for any other purpose. All dimensions are to be verified on site.

**PROJECT:**  
**SOHO BEACH HOUSE**  
 4385 COLLINS AVENUE  
 MIAMI BEACH, FL 33140

**CLIENT:**  
**MARCUS BARWELL**  
 SOHO HOUSE NEW YORK 29-35 9TH AVE.  
 NEW YORK NY 10014  
 TEL: (212) 679-6781 FAX: (212) 627-2316  
 MARCUS@SOHOHOUSE.COM  
 WWW.SOHOHOUSE.COM

**ARCHITECT:**  
**Allan T. Shulman Architects**  
 100 Ne 38th Street, No.2  
 Miami, FL 33137

**REVISIONS:**

DATE	DESCRIPTION

REV. 3 1/22/10 COMMENTS

**SCALE:**  
 3/8"=1'-0"

**DRAWN BY:**  
 GS

**DESCRIPTION:**  
 MASTER CONTROL ELEVATIONS

**LOCATION:**  
 OPEN KITCHEN

**DATE:**  
 3/1/10

**DRAWING NO.:**  
 LTA-AV-12



**1 MASTER CONTROL LOCATIONS (INTERIOR ELEVATION A)**  
 SCALE: 3/8"=1'-0"