

**Manhattan Community Board 4**  
(All Fields Must Be Completed)

Liquor License Stipulations Application

<b>APPLICANT</b> Station Restaurant LLC		<b>DOING BUSINESS AS (DBA)</b> TBD		
<b>STREET ADDRESS</b> 315 West 46th Street		<b>CROSS STREETS</b> Between 8th and 9th Avenues		
<b>OWNER</b>	<b>NAME:</b> Scott Sternick, Michael Spillane, Kurt Kalm, Richard Winckelman	<b>ATTORNEY</b>	<b>NAME:</b> Rosa Sanchez - RMS Business REPRESENTATIVE	
	<b>PHONE:</b> 212-920-9370		<b>PHONE:</b> 646-619-1166	
	<b>FAX:</b> 212-246-5207		<b>FAX:</b> 646-365-8233	
<b>MANAGER</b>	<b>NAME:</b> Richard Winckelman	<b>LANDLORD</b>	<b>NAME:</b> 315 W 46th LLC	
	<b>PHONE:</b> 917-806-9569		<b>PHONE:</b> 718359-9700	
	<b>FAX:</b> 212-246-5207		<b>FAX:</b>	
<b>DESCRIPTION OF BUSINESS</b>				
<b>Establishment Type:</b>	<input type="radio"/> Bar/Tavern <input type="radio"/> Bed & Breakfast <input type="radio"/> Eating Place Beer <input type="radio"/> Cabaret <input type="radio"/> Night Club <input type="radio"/> Hotel <input checked="" type="radio"/> Restaurant <input type="radio"/> Catering Establishment <input type="radio"/> Club (Fraternal Organization - Members Only) <input type="radio"/> Other (Explain): Bar/Arcade			
<b>Method of Operation:</b>	<input checked="" type="radio"/> Restaurant <input type="radio"/> Dance Club <input type="radio"/> Sports Bar <input type="radio"/> Adult Entertainment <input type="radio"/> Wine Bar <input type="radio"/> Pizzeria <input type="radio"/> Cafe <input type="radio"/> Other (Explain): Bar/Arcade			
<b>License Type:</b>	<input checked="" type="radio"/> On-Premise <input type="radio"/> Wine <input type="radio"/> Beer <input type="radio"/> Wine & Beer			
<b>APPLICATION TYPE</b> (check one)	<input checked="" type="radio"/> New	Has applicant owned or managed a similar business?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
		What is/was the name of establishment?	Please see attached rider	
		What is/was the address of the establishment?		
		What were the dates the applicant was involved with this former premise?	Present	
	<input type="radio"/> Transfer	What is the prior license #?		
		What is the expiration date on the prior license?		
		Are you making any alterations or operational changes?	<input type="checkbox"/> YES	<input type="checkbox"/> NO
		<i>If alterations or operational changes are being made, please attach the plans to this form.</i>		
	<input type="radio"/> Alteration	What is the current license #?		
		What is the expiration date on the current license?		
<i>Please describe the nature of the alterations and attach the plans</i>				

Mr. Biggs Bar & Grill

596 10<sup>th</sup> Avenue

New York, New York

DBL

667 10<sup>th</sup> Avenue

New York, New York

Mickey Spillane's

350 West 49<sup>th</sup> Street

OPERATIONAL ISSUES										
HOURS		MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY		
	Operation	11am-4am	11am-4am	11am-4am	11am-4am	11am-4am	11am-4am	11am-4am	11am-4am	
	Music	11am-4am	11am-4am	11am-4am	11am-4am	11am-4am	11am-4am	11am-4am	11am-4am	
	Kitchen	11am-3am	11am-3am	11am-3am	11am-3am	11am-3am	11am-3am	11am-3am	11am-3am	
OCCUPANCY	INDOOR				BAR			OUTSIDE		
	Capacity (Certificate of Occupancy)	Maximum # of Persons You Anticipate Occupying Premises (Including Employees)	Number of Tables	Number of Seats	Number of Service Only Bars	Number of Stand-Up Bars	Number of Seats at Bars	Number of Seats	Number of Tables	
	149	149	45	110	0	2	24	0	0	
How many floors are there? What is the capacity for each floor? (please respond in space provided)					<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3-4	<input type="checkbox"/> 5+	100 Ground Floor 50 Second Floor		
Will you be applying or intending to apply for a cabaret license? If yes, will there be dancing? (please respond in space provided)					YES	<input checked="" type="checkbox"/> NO	N/A			
Will applicant have bottle service?					YES	<input checked="" type="checkbox"/> NO	N/A			
Will you be hosting private parties and promotional events?					YES	<input checked="" type="checkbox"/> NO	N/A			
Will outside promoters be used?					YES	<input checked="" type="checkbox"/> NO	N/A			
Will the security plan submitted be implemented?					<input checked="" type="checkbox"/> YES	NO	N/A			
Will State certified security personnel be used?					<input checked="" type="checkbox"/> YES	NO	N/A			
Will New York Nightlife Association recommendations and NYPD Best Practices be followed?					<input checked="" type="checkbox"/> YES	NO	N/A			
Will the applicant be using delivery bicycles? If yes, have you applied to DOT for bicycle rack? Delivery bicycles are to be clearly marked with the name of the restaurant and staff will wear attire clearly noting name. (please respond in space provided)					YES	<input checked="" type="checkbox"/> NO	N/A			
Will the applicant be applying for a Sidewalk Café now or in the future? (please respond in space provided)					YES	<input checked="" type="checkbox"/> NO	N/A			
If yes to the above, are plans attached and submitted to DCA? How many tables/seats? (please respond in space provided)					YES	NO	<input checked="" type="checkbox"/> N/A			
Will applicant provide contact information to neighbors and respond to complaints that arise?					<input checked="" type="checkbox"/> YES	NO	N/A			
Will you inform the Community Board office of your job openings and/or provide a hyperlink to your jobs webpage?					<input checked="" type="checkbox"/> YES	NO	N/A			
If you plan to have music, what type(s)?			<input checked="" type="checkbox"/> BACKGROUND	<input type="checkbox"/> LIVE MUSIC	<input type="checkbox"/> DJ	Background				
BUILDING DESIGN										
Doors and windows will be closed when any amplified music is played and in the event of no amplified sound, will be closed by 11 PM Friday and Saturday and 10 PM on all other days.					<input checked="" type="checkbox"/> YES	NO	N/A			
Will applicant follow the recommendations of a certified sound engineer to mitigate potential noise disturbance to the neighboring residents and buildings, including placing speakers on the floor of the establishment?					<input checked="" type="checkbox"/> YES	NO	N/A	Acoustalog sound plan has been completed		
Do you agree to comply with DOB rules concerning a storm enclosure? Storm enclosures can be used between November 15 and April 15, but they may NOT project more than 18 inches from the store front.)					<input checked="" type="checkbox"/> YES	NO	N/A			

OUTDOOR ITEMS				
Will applicant use the rooftop, rear yard or any outdoor space?	YES	<input checked="" type="checkbox"/> NO	N/A	
If yes to the above, the rear yard, rooftop, and any outdoor space will be closed and vacated by 11 PM on Friday & Saturday and 10 PM on all other days.	YES	NO	<input checked="" type="checkbox"/> N/A	
The service and consumption of alcohol in the rear yard, on the rooftop, or in any other outdoor space will be only via seated food service.	YES	NO	<input checked="" type="checkbox"/> N/A	
The rear yard, rooftop, and any other outdoor space will not allow standing space for patrons to drink or smoke.	YES	NO	<input checked="" type="checkbox"/> N/A	
Applicant will do everything in their power to provide an effective sound baffling or sound controlled environment through landscaping or some type of enclosure, where possible; provided they do not violate any fire or building code regulations? This includes possibly working with landlords for soundproofing tenants apartments (such as installing soundproofing windows, acoustical tiles, etc.).	<input checked="" type="checkbox"/> YES	NO	N/A	There is NO rooftop, rear yard or outdoor space being utilized. However, despite this, we will provide sound control via the Acoustalog plan
Applicant will enforce a quiet environment in the outdoor space, so as not to disturb nearby residents (e.g. there will be no amplified music, as per the law, and windows and doors to areas that play amplified music shall be closed). The applicant will make every effort possible to limit the noise emanating from diners by posting signs outside and also on menus asking for respect of the neighbor's privacy and peace. The staff will also encourage a peaceful environment amongst the outdoor diners.	<input checked="" type="checkbox"/> YES	NO	N/A	There is NO rooftop, rear yard or outdoor space being utilized. However, despite this, we will provide sound control via the Acoustalog plan
Applicant will have a lighting plan that will allow safe usage of the outdoor space without disrupting neighbors?	YES	NO	<input checked="" type="checkbox"/> N/A	

LOCATION & ZONING				
Primary Zoning District:	C15	Overlay (If Applicable):	N/A	
Is this a Special District? If yes, is it Clinton, West Chelsea or Hudson Yards?	<input checked="" type="checkbox"/> YES	NO	N/A	Clinton
Does the building have a Certificate of Occupancy ("C of O") or a letter of no objection?	<input checked="" type="checkbox"/> YES	NO	N/A	
Is the 500 Foot Rule or 200 Foot Rule Triggered? If yes, which? Please attach a diagram of the establishments that triggers the rule.	<input checked="" type="checkbox"/> YES	NO	N/A	
Is a Public Assembly permit required?	<input checked="" type="checkbox"/> YES	NO	N/A	
Are your plans filed with DOB?	YES	NO	N/A	Filing after CB meeting
Building Type	<input type="radio"/> Residential <input type="radio"/> Commercial <input checked="" type="radio"/> Mixed Use <input type="radio"/> Other, describe: _____			
Adjacent Buildings	<input type="radio"/> Residential <input type="radio"/> Commercial <input checked="" type="radio"/> Mixed Use <input type="radio"/> Other, describe: _____			
NOTIFICATION: What organizations / community groups have you notified regarding your application?	# 1	HK 50/51 Block Association		
	# 2	48/49 Streets Block Association		
	# 3	Allison Tupper - West 46th Street Block Association Tim Tanner - West 45th Street Block Association Chana Widawsky - West 45th Street Block Association - 9th/11th Avenues Posted signage all around the neighborhood		

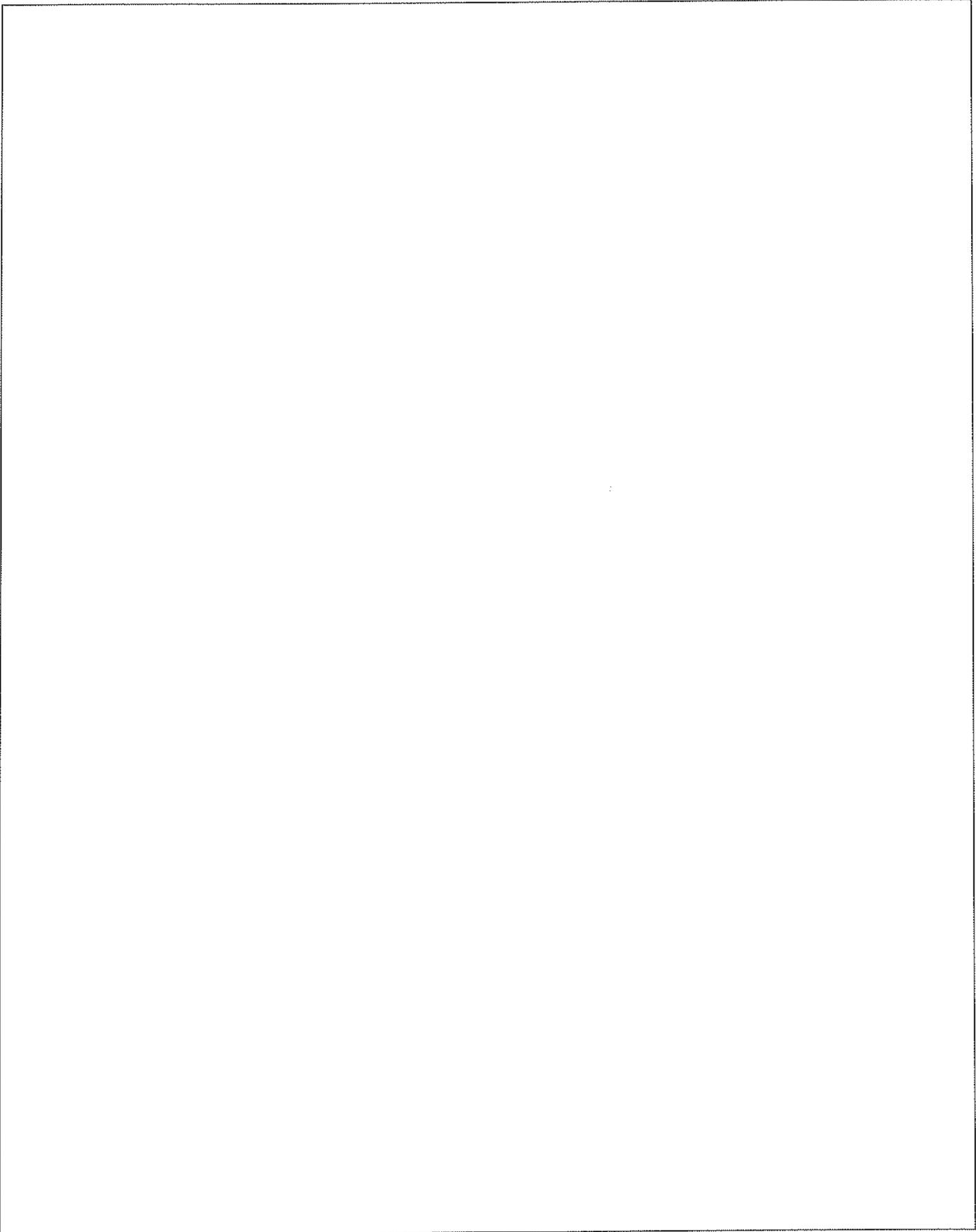
**ADDITIONAL INFORMATION: (Applicant Use)**

**ADDITIONAL NOTES: (Office Use Only)**

ADDITIONAL STIPULATIONS: (Office Use Only)

APPLICANT WILL IMPLEMENT  
RECOMMENDATIONS OF  
ACCOUNTS 3/30/15 REPT. SEC.

NO USE OF REPT.  
YARD BY PATRONS  
OR STAFFS



Manhattan Community Board 4 (MCB4) recommends:	<input checked="" type="radio"/> Denial unless all agreed to by applicant is part of the method of operation <input type="radio"/> Denial <input type="radio"/> Approval
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**CB4 REPRESENTATIVES**

Nelly Gonzalez <i>CB4 Assistant District Manager</i>	 Frank Holozubiec <i>CB4 BLP Committee Co-Chair</i>	Paul Seres <i>CB4 BLP Committee Co-Chair</i>
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**APPLICANT AGREEMENT WITH THE COMMUNITY**

Pursuant to these stipulations, this applicant agrees to have these provisions incorporated in the method of operation of their liquor license. Additionally, the applicant agrees to the community agreements as the basis for the community supporting this application.

<b>SIGN HERE</b> →	 SIGNATURE OF APPLICANT	4/14/15 DATE
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## 500 FOOT STATEMENT

Station Restaurant LLC  
Located at 315 West 46<sup>th</sup> Street, New York, NY

The applicants plan to operate an establishment that will not negatively impact the neighbors.

They are experienced restaurateurs with successful, long-established restaurants/bars located within CB4. They have worked very hard to earn their reputation as committed community partners and are confident this will be another establishment that CB4 will be proud to call its own. Not only do they operate establishments within CB4, but they are also longtime residents within the Community.

The granting of this license is in the public interest because the premises will be managed by experienced operators, who have multiple years of experience, with no adverse history of complaints. The establishment will generate tax revenue for the City, generate new employment opportunities.

The applicants have a proven track record of being a beneficial asset to their Community. The applicants have met with CB4 in the past and willingly reached out to all local Block Associations, introducing themselves and making themselves easily accessible, by providing their personal contact information. They have shown they work very closely with the Community at their other establishments.

Please note:

- The level of Clientele will be improved
- The applicants do not have liquor violations and have in fact prevented criminal activity in the area
- The applicants live and work in the Community
- Security will be provided
- The property will be upgraded
- The owners will be on premises supervising
- As a result, the quality of life should increase in the Neighborhood

The applicants are looking to continue to be long term operators in this Community and look forward to continuing to accommodate the local needs and concerns.

THE CITY OF NEW YORK



DEPARTMENT OF BUILDINGS

ALT TYPE 1 100202175

CERTIFICATE OF OCCUPANCY AMENDED

BOROUGH MANHATTAN

DATE DEC 15 1993 NO. 104-22

This certificate AMENDED C.O. NO. 67978

ZONING DISTRICT C1-5 IN R-8

THIS CERTIFIES that the new altered existing building premises located at

315 WEST 46TH STREET

Block 1037 Lot 24

CONFORMS SUBSTANTIALLY TO THE APPROVED PLANS AND SPECIFICATIONS AND TO THE REQUIREMENTS OF ALL APPLICABLE LAWS, RULES, AND REGULATIONS FOR THE USES AND OCCUPANCIES SPECIFIED HEREIN.

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOAD LBS PER SQ FT	MAXIMUM NO OF PERSONS PERMITTED	ZONING DWELLING OR HOUSING UNITS	BUILDING CODE HABITABLE ROOMS	ZONING USE GROUP	BUILDING CODE OCCUPANCY GROUP	DESCRIPTION OF USE
CELLAR	0-G				6F	B-2	STORAGE
BASEMENT	100	109			5A	F-4	EATING & DRINKING ESTABLISHMENT U.G. 6A (LOWER LEVEL)*
1ST FLOOR	50	40			5A	F-4	EATING & DRINKING ESTABLISHMENT U.G. 6A (UPPER LEVEL)*
2ND FLOOR	40		2	3	2	RES	TWO (2) APARTMENTS
3RD FLOOR	40		2	3	2	RES	TWO (2) APARTMENTS
COMMERCIAL & RESIDENTIAL							
OLD CODE							
HEREAFTER CONVERTED CL A MD							

FIRE DEPARTMENT APPROVAL  
SPRINKLER SYSTEM, DECEMBER 6, 1939.

THIS CERTIFICATE OF OCCUPANCY MUST BE POSTED  
WITHIN THE BUILDING IN ACCORDANCE WITH THE RULES  
OF THE DEPARTMENT PROMULGATED MARCH 31ST, 1967.

OPEN SPACE USES \_\_\_\_\_  
(SPECIFY—PARKING SPACES, LOADING BERTHS, OTHER USES, NONE)

N.C. NO CHANGES OF USE OR OCCUPANCY SHALL BE MADE UNLESS  
A NEW AMENDED CERTIFICATE OF OCCUPANCY IS OBTAINED  
THIS CERTIFICATE OF OCCUPANCY IS ISSUED SUBJECT TO FURTHER LIMITATIONS, CONDITIONS AND  
SPECIFICATIONS NOTED ON THE REVERSE SIDE.

*[Signatures]*  
BOROUGH SUPERVISOR COMMISSIONER

ORIGINAL  OFFICE COPY - DEPARTMENT OF BUILDINGS  COPY

THAT THE ZONING LOT ON WHICH THE PREMISES IS LOCATED IS BOUNDED AS FOLLOWS

BEGINNING at a point on the NORTH side of WEST 46TH STREET  
distant 205'-0" WEST feet from the corner formed by the intersection of  
and EAST 46TH STREET  
running thence ..... feet; thence ..... feet;  
thence WEST 20.1' ..... feet; thence NORTH 100.5' ..... feet;  
thence EAST 20.1' ..... feet; thence SOUTH 100.5' ..... feet;  
thence ..... feet; thence ..... feet;  
to the point or place of beginning.

100202175

XXXXX ALY. No. DATE OF COMPLETION 3/12/93 CONSTRUCTION CLASSIFICATION II-B  
BUILDING OCCUPANCY GROUP CLASSIFICATION HEIGHT STORIES FEET  
RESIDENTIAL, F-4 B+3 38'-0"

THE FOLLOWING FIRE DETECTION AND EXTINGUISHING SYSTEMS ARE REQUIRED AND WERE INSTALLED IN COMPLIANCE WITH APPLICABLE LAWS.

	YES	NO		YES	NO
STANDPIPE SYSTEM			AUTOMATIC SPRINKLER SYSTEM	X	
YARD HYDRANT SYSTEM					
STANDPIPE FIRE TELEPHONE AND SIGNALLING SYSTEM					
SMOKE DETECTOR					
FIRE ALARM AND SIGNAL SYSTEM					

STORM DRAINAGE DISCHARGES INTO:

- A) STORM SEWER  B) COMBINED SEWER  C) PRIVATE SEWAGE DISPOSAL SYSTEM

SANITARY DRAINAGE DISCHARGES INTO:

- A) SANITARY SEWER  B) COMBINED SEWER  C) PRIVATE SEWAGE DISPOSAL SYSTEM

LIMITATIONS OR RESTRICTIONS.

BOARD OF STANDARDS AND APPEALS CAL NO  
CITY PLANNING COMMISSION CAL NO  
OTHERS

*[Handwritten signatures and stamps at the bottom of the page]*

## Proximity Report for Location:

January 13, 2015

797 8TH AVE, New York, 10019

\* This report is for informational purposes only in aid of identifying establishments potentially subject to 500 and 200 foot rules. Distances are approximated using industry standard GIS techniques and do not reflect actual distances between points of entry. The NYS Liquor Authority makes no representation as to the accuracy of the information and disclaims any liability for errors.

### Closest Liquor Stores

Name	Address	Approx. Distance
SHON 45 LIQUORS INC	840 8TH AVENUE	510 ft
REIDY WINE & LIQUOR CO INC	762 8TH AVENUE	530 ft
RAY & FRANK LIQUOR STORE INC	706 9TH AVENUE	890 ft
NINTH AVENUE VINTNER LTD	669 9TH AVENUE	1125 ft
ROYAL WINES & LIQUORS INC	789 9TH AVE	1335 ft
921 WESTERLY LIQUOR CORP	921 8TH AVE	1560 ft
CARNEGIE SPIRITS LTD	849 7TH AVENUE	1765 ft

### Churches within 500 Feet

Name	Approx. Distance
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### Schools within 500 Feet

Name	Address	Approx. Distance
JHS 17 PROFESSIONAL PERF ARTS	328 W 48TH ST	350 ft
PROFESSIONAL PERF ARTS HS	328 W 48TH ST	350 ft

### On-Premise Licenses within 750 Feet

Name	Address	Approx. Distance
SOCIAL 8TH AVE CORP	795 8TH AVE	60 ft
790 LOUNGE LLC & 488 HOSPITALITY GROUP LLC	790 8TH AVE	95 ft
SAS RESTAURANTS LLC	807 8TH AVE	130 ft
C A P RESTAURANT CORP	301 W 48TH STREET	170 ft
316 WEST 49TH RESTAURANT CORP	316 W 49TH STREET	170 ft
790 FRENCH LLC	790 8TH AVENUE	185 ft
WESTSIDE TM CORPORATION	813 8TH AVE	185 ft
PATZERIA FAMILY & FRIENDS INC	311 W 48TH STREET	200 ft
MARIA S MONT BLANC RESTAURANT CORP	315 W 48TH STREET	220 ft
787 EIGHTH AVE CORP	787 8TH AVENUE	225 ft
LATTITUDE WESTSIDE CORP	783 8TH AVE	280 ft
MIL LLC	329 W 49TH STREET	285 ft
JUJAMCYN THTRS LLC & SWEET HOSPITALITY GRP AS MGR	230 W 49TH ST	300 ft
SWEET HOSPITALITY GROUP	261 65 W 47TH ST	345 ft

Name	Address	Approx. Distance
23 INNOVATIONS INC	308 W 50TH ST	355 ft
DON ANTONIO RESTAURANT LLC	309 W 50TH ST	375 ft
49TH STREET RESTAURANT LLC	249 W 49TH STREET	375 ft
KIOSK 50 CORP	322 W 50TH STREET	385 ft
M 49 LLC	240 242 W 49TH ST	415 ft
JUJAMCYN THTRS LLC & SWEET HOSPITALITY GRP AS MGR	219 W 48TH ST	430 ft
PIATTI ITALIANI LLC	220 W 49TH ST	430 ft
PONGSRI THAI RESTAURANT CORP	244 W 48TH STREET	435 ft
DON AMBROSIO INC	832 8TH AVENUE	435 ft
BMJ CORP	307 W 47TH ST	435 ft
BARRAJA INC	250 W 50TH STREET	445 ft
PALM WEST CORPORATION	250 WEST 50TH STREET	445 ft
AURA LLC AND SCOTT STERNICK AND RICHARD WINKELMAN	350 W 49TH ST	465 ft
FEDERICO S RESTAURANT INC	249 251 W 50TH STREET	475 ft
E & E RESTAURANT 1 LLC	233 W 49TH ST	485 ft
268 WEST 47TH REST INC	760 766 8TH AVE AKA 268 W 47TH	485 ft
760 8TH AVE REST INC	760 766 8TH AVE AKA 268 W 47	485 ft
TAGHKANIC REFRESHMENT INC	340 WEST 50TH STREET	490 ft
HAMPSHIRE TIMES INC	234 W 48TH STREET	495 ft
RAVE RESTAURANT INC	232 W 48 ST	495 ft
REGENCY RESTAURANT LLC/LOUNGE 49 LLC	224 W 49TH STREET	535 ft
CASTLEKNOCK INC	264 266 W 47TH STREET	540 ft
WOO LAE OAK 50 INC	350 WEST 50TH STREET	560 ft
TATSU RESTAURANT LLC	226 W 50TH ST WEST STORE	560 ft
TATSU RESTAURANT LLC	226 W 50TH ST EAST STORE	560 ft
BROADWAY BLUES 50TH ST CORP	226 W 50TH STREET	560 ft
TRATTORIA TRE COLORI INC	254 W 47TH ST	570 ft
TBB TAVERN CORPORATION	302 W 51ST STREET	570 ft
SANDBAR CONCESSION INC	256 W 47TH STREET	575 ft
THEATRE REFRESHMENT COMPANY OF NEW YORK INC	220 W 48TH ST	580 ft
CHIN CHIN RESTAURANT INC	216 E 49TH STREET	585 ft
CAREGAN RESTAURANTS INC	252 W 47TH STREET	595 ft
675 NINTH AVENUE CORP	250 WEST 47TH STREET	605 ft
THEATRE REFRESHMENT CO OF NY INC	215 W 49TH STREET	605 ft
OSIB 50TH STREET OPERATOR LLC	218-222 W 50TH ST	610 ft
SHIMIZU & TODO LLC	318 324 W 51ST STREET	615 ft
TOUT VA BIEN RESTAURANT INC	311 W 51ST ST	620 ft
319 WEST 51ST STREET REST INC	319 WEST 51ST STREET	640 ft
HARMONY VIEW INC	210 W 50TH STREET	645 ft
TIMES SQUARE JV LLC AND INTERCONTINENTAL HOTELS G	1605 BROADWAY	655 ft
CHIPOTLE MEXICAN GRILL OF COLORADO LLC	854 8TH AVENUE	655 ft
CERTA GENTE LLC	325 W 51ST STREET	655 ft
FMFS OF TIMES SQUARE LLC	253 W 47TH ST	660 ft
PASTA BAR BY SCOTTO II LLC	750 8TH AVE	665 ft

Name	Address	Approx. Distance
BRAAI LLC	329 W 51ST STREET	670 ft
251 WEST 51 HOSPITALITY CORP	251 W 51ST ST	670 ft
ELYMAR RESTAURANT CORPORATION	365 W 50TH STREET	680 ft
NIPPORI INC	245 W 51ST ST	685 ft
IPPUDO WESTSIDE LLC	321 323 W 51ST ST	700 ft
TOM & TOON INC	245 W 51ST STREET	705 ft
317 RESTAURANT LLC	317 WEST 46TH STREET	710 ft
EDISON BALLROOM LLC	228 W 47TH ST	715 ft
WIII UPTOWN LLC	228 W 47TH STREET	715 ft
1185 COMEDY INC	1626 BROADWAY	720 ft
1626 BROADWAY LLC	1626 BROADWAY	720 ft
THEATRE REFRESHMENT CO OF NY INC	243 W 47TH STREET	720 ft
ANNALISA ITALIA LTD	313 W 46TH ST	720 ft
BARBETTA RESTAURANT INC	319 321 323 W 46TH STREET	725 ft
THESPIAN THEATRE INC	1633 BROADWAY	725 ft
BROADWAY APPLE LLC	1634 BROADWAY	740 ft
API RESTAURANT INC	1633 BROADWAY	740 ft
COSI INC	1633 BROADWAY	740 ft
SANDBAR CONCESSION INC	222 W 51ST STREET	750 ft

### Pending Licenses within 750 Feet

Name	Address	Approx. Distance
NEW WORLD STAGES HOLDING CO LLC &	340 W 50TH ST	490 ft
STATION HOUSE LLC	315 W 46TH ST	695 ft

### Unmapped licenses within zipcode of report location

Name	Address
58 WEST LLC	132 W 58TH ST

<b>SOUP OF THE DAY</b> .....	7
<b>BOWL OF CHILI</b> .....	8
Rich homemade beef chili topped with grated cheese, sour cream and jalapeno	
<b>MOZZARELLA STICKS</b> .....	9
Served with marinara sauce	
<b>CHICKEN FINGERS</b> .....	9
Breaded chicken breast tenders served with honey mustard	
<b>ONION RINGS</b> .....	8
Seasoned onions served golden brown	
<b>FRENCH FRIES</b> .....	8
<b>MACARONI AND CHEESE</b> .....	8
<b>MAC N CHEESE BALLS</b> .....	9
Deep fried breaded macaroni and cheese	
<b>ZUCHINI STICKS</b> .....	9
<b>12" THIN CRUST PIZZA</b> .....	12
<b>PARMESAN SPINACH DIP</b> .....	11
With corn tortilla and onion tomato relish	
<b>CHICKEN SATAY</b> .....	10
With peanut dipping sauce	
<b>GRILLED QUESADILLA</b> .....	12
10" flour tortilla with aged cheddar cheese, diced red onion, chipotle aioli and topped with sour cream	
<b>add chicken</b> .....	3
<b>CLASSIC CAESAR</b> .....	13
Fresh romaine lettuce, creamy parmesan dressing, and homemade roasted garlic croutons	
<b>BEEF SALAD</b> .....	13
With cilantro jalapeno vinaigrette (with goat cheese, roasted pumpkin seeds and beets mesclum greens)	
<b>ARUGULA</b> .....	13
Baby arugula with goat cheese, red cherry tomato, diced red pepper, orange segment with champagne vinaigrette	
<b>PORTOBELLO</b> .....	14
Jumbo grilled Portobello mushroom with mixed lettuce, red cherry tomato, roasted red pepper with balsamic vinaigrette	
<b>BIGGS COBB SALAD</b> .....	15
Mixed lettuce diced red onion, bacon, calamata olives, red cherry tomato, cubed bleu cheese, boiled egg, wedges and diced grilled chicken	
<b>TUNA SALAD</b> .....	17
Seared fresh tuna, mixed greens, daikon, and ginger dressing	
<b>SMOKED TURKEY WRAP</b> .....	14
Turkey with brie cheese, lettuce, tomatoes, and honey dijon mustard	
<b>GRILLED CHICKEN WRAP</b> .....	14
Grilled chicken with roasted red peppers, avocado & ranch dressing	
<b>LINGUINI &amp; MEATBALLS</b> .....	15
In homemade marinara	
<b>CHICKEN PARMIGIANA</b> .....	15
Traditional recipe of breaded chicken, penne pasta, homemade marinara topped with mozzarella & parmesan cheese	
<b>GOAT CHEESE RAVIOLI</b> .....	18
Fresh goat cheese ravioli with roasted tomato and creamy pesto sauce	
<b>add chicken</b> .....	3
<b>BIGGS PASTA</b> .....	17
Sautéed garlic and shallot with diced tomato, marinara, baby arugula and diced grilled chicken breast	
<b>LINGUINI ALFREDO</b> .....	18
With roasted Alaskan salmon and diced asparagus	
<b>STUFFED POTATO SKINS</b> .....	10
2 potato skins stuffed with slow roasted pork topped with mashed potatoes	
<b>BUFFALO WINGS</b> .....	
Your choice of mild, medium or hot, served with fresh carrots, celery sticks, bleu cheese or ranch dipping sauce	
<b>10 Wings</b> .....	14
<b>20 Wings</b> .....	21
<b>SUPER PARTY SAMPLER</b> .....	23
Grilled chicken fingers mozzarella sticks and calamari	
<b>with steak</b> .....	25
<b>PARTY SAMPLER</b> .....	18
Chicken fingers, zucchini sticks and mozzarella sticks served with marinara sauce and honey mustard	

<b>NACHOS</b> .....	14
Corn tortilla topped with black beans, cheese, sour cream, pico de gallo, guacamole, jalapeno and beef chili	
<b>MEXI CURLY FRIES</b> .....	13
Served with cheese, sour cream, pico de gallo, guacamole, jalapeno and beef chili	
<b>FISH AND CHIPS</b> .....	15
Ale battered cod fish served golden brown with tartar sauce and malt vinegar	
<b>FRIED CALAMARI</b> .....	15
Served with marinara sauce	
<b>VEGETABLE PANINI</b> .....	14
Mixed grilled vegetables rested on panini bread with brie cheese and pesto spread	
<b>THAI CHICKEN WRAP</b> .....	13
Romaine lettuce, grilled lemon grass chicken, cucumber, daikon, scallion cilantro, Bangkok sauce and french fries	
<b>SIZZLING FAJITA</b> .....	
Served with cheese, sour cream, pico de gallo, guacamole and flour tortilla	
<b>Chicken or Beef</b> .....	17
<b>Combination of Chicken and Beef</b> .....	19
<b>ROASTED HALF CHICKEN</b> .....	21
Served with whipped potatoes, seasonal vegetables, scented with fresh herbs	
<b>SALMON</b> .....	18
Teriyaki salmon with seasonal vegetables and whipped potato	
<i>All sandwiches are served with a mesclun salad and potato wedges add. (bacon, sautéed mushrooms or grilled onions for 2)</i>	
<b>BIGGS ORIGINAL ANGUS BURGER</b> .....	14
8oz angus burger with sliced red onion and tomato on sesame seed bun	
<b>BBQ BACON BURGER FINGER SAMPLER</b> .....	22
2 Burgers cut into sample size pieces	
<b>TURKEY BURGER</b> .....	14
8oz of prime ground turkey with sliced red onion and tomato on sesame seed bun	
<b>BIGGS SLIDERS</b> .....	14
Three mini burgers with fries in a basket	
<b>BIGGS VEGGIE BURGER</b> .....	14
8oz vegetarian delight	
<b>TURKEY CLUB SANDWICH</b> .....	14
Lettuce, tomato, avocado with cranberry spread on potato bread	
<b>GRILLED CHICKEN SANDWICH</b> .....	14
Herb marinated chicken breast, tomato, onion with honey mustard sauce	
<b>SLOW ROASTED PORK</b> .....	15
Slow roasted in a sweet and tangy BBQ sauce on Kaiser roll	
<b>BLT</b> .....	14
Triple decker with applewood smoked bacon, mayonnaise, tomato and baby arugula.	
<b>JUICY LUCY</b> .....	14
8oz angus burger stuffed with American cheese, served with sliced red onion and tomato on sesame seed bun	
<b>B-B-Q BACON BURGER</b> .....	15
8oz angus burger with BBQ sauce, applewood smoked bacon, sliced red onion and tomato on sesame seed bun	
<b>PIZZA BURGER</b> .....	15
8oz angus burger with homemade marinara, melted mozzarella cheese, sliced red onion and tomato on sesame seed bun	
<b>NEW YORK REUBEN</b> .....	16
Layers of thin sliced corned beef and sauerkraut on pumpernickel bread served with Swiss cheese and honey mustard	
<b>STEAK SANDWICH</b> .....	17
Grilled ribeye steak topped with grilled onions, roasted peppers and melted mozzarella cheese on a Tuscan rolla	
<b>CHEESE CAKE</b> .....	7
<b>CARROT CAKE</b> .....	7
<b>CHOCOLATE CAKE</b> .....	7



SWA ARCHITECTURE  
 180 EAST MAIN STREET  
 ARLINGTON, VA 22202  
 PHONE: (703) 441-1000  
 FAX: (703) 441-1001

315 WEST  
 46TH STREET

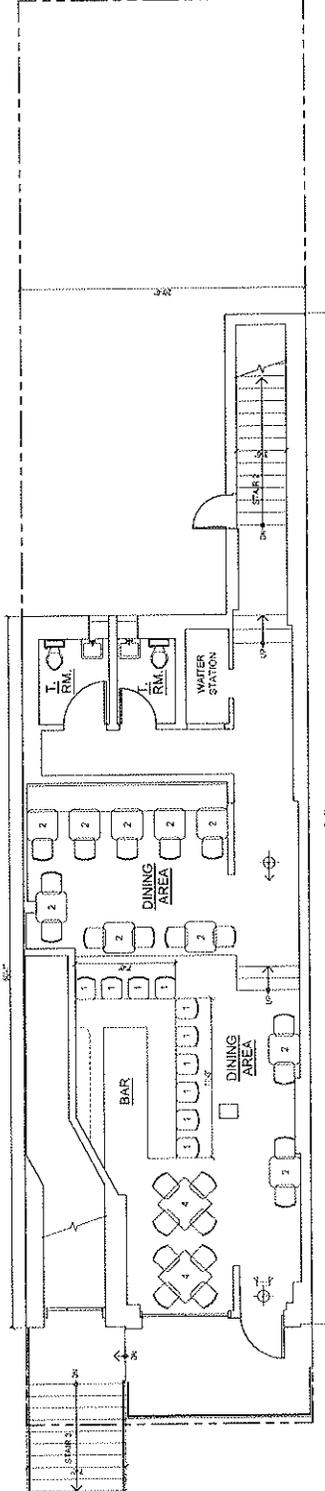
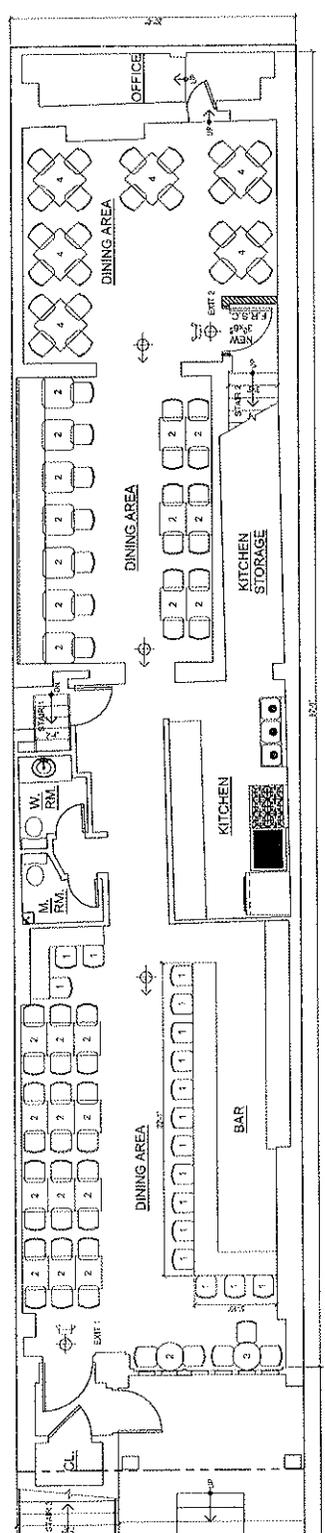
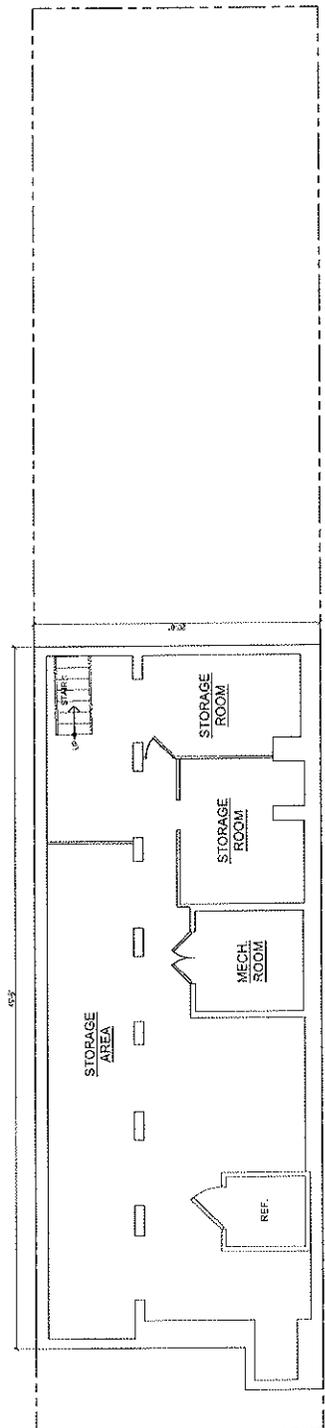
315 WEST 46TH STREET  
 NEW YORK, N.Y. 10036

PROJECT NUMBER

DATE

SCALE

DATE



CELLAR, BASEMENT  
 AND 1ST  
 FLOOR PLANS

DATE: 2/15/07  
 A-001.00  
 SHEET 01 OF 18

**Station Restaurant (TBD)**  
**315 West 46<sup>th</sup> Street**  
**New York, NY**

**Security Plan**

**Objectives:**

- **Provide Customers a safe and welcoming environment employing accepted practices found in the immediate area for a similar business (i.e., restaurant with bar and lounge.)**
- **Comply with New York Nightlife Association recommendations and NYPD Best Practices**
- **Utilize state certified security personnel where appropriate**

**Plan:**

- **Employ a doorman (one on the first floor and one on the second) to:**
  - **Direct customers to dining, bar and lounge areas**
  - **Keep clear the sidewalk in front of the store**
- **Employ a host/hostess to seat customers within dining, bar and lounge areas**



CITY OF NEW YORK

MANHATTAN COMMUNITY BOARD No. 4

330 West 42<sup>nd</sup> Street, 26<sup>th</sup> floor New York, NY 10036  
tel: 212-736-4536 fax: 212-947-9512  
[www.nyc.gov/mcb4](http://www.nyc.gov/mcb4)

CHRISTINE BERTHET  
Chair

JESSE BODINE  
District Manager

## PUBLIC NOTICE

Business Licenses and Permits Committee  
will discuss an application submitted by

**Station Restaurant LLC**  
**315 West 46<sup>th</sup> Street**

An new application for an  
On-Premise Liquor License

DATE:	Tuesday, April 14, 2015
TIME:	6:30 PM
PLACE:	Intercontinental NY Times Square - 300 West 44 <sup>th</sup> Street

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212.599.3700  
www.RKF.com



46

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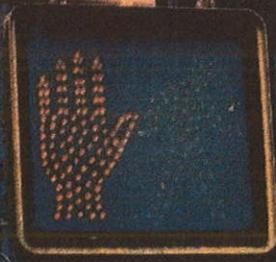


NO TALKING  
NO SMOKING  
NO DRINKING  
NO EATING  
NO LOITERING  
NO ALCOHOL  
NO WEAPONS  
NO FIREARMS  
NO GUNS  
NO KNIVES  
NO STUN GUNS  
NO TASERS  
NO MACE  
NO PEPPER SPRAY  
NO OTHER WEAPONS  
NO OTHER DANGEROUS  
ITEMS  
NO OTHER VIOLATIONS  
OF THE RULES  
OF THE FACILITY  
NO OTHER VIOLATIONS  
OF THE RULES  
OF THE FACILITY

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ITEMS  
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OF THE FACILITY  
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OF THE RULES  
OF THE FACILITY

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PUBLIC NOTICE  
Station Restaurant LLC  
315 West 45th Street

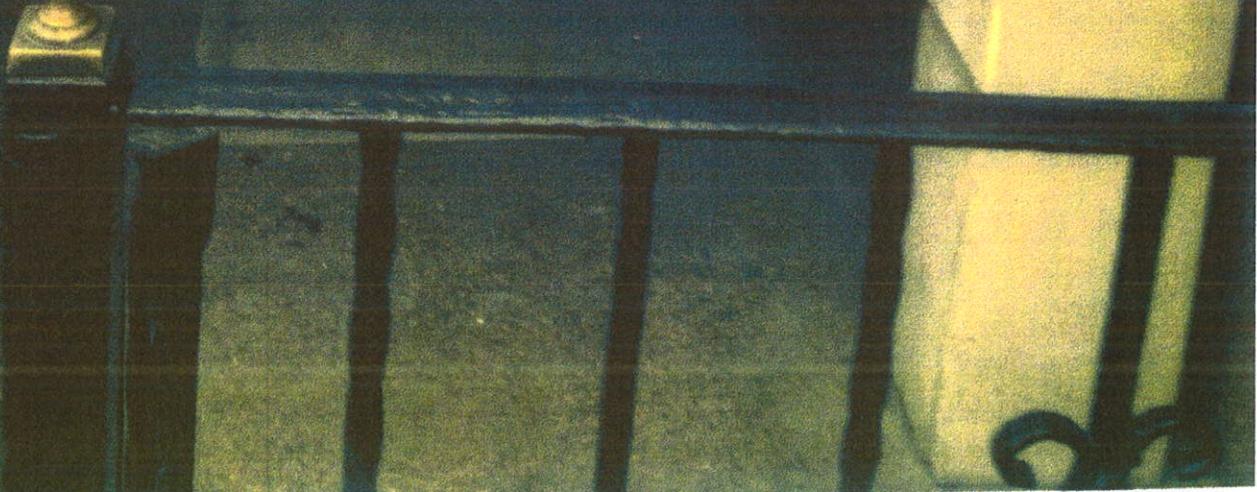


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EXECUTIVE DIRECTOR  
2015

2015  
2015

CITY OF NEW YORK  
BUSINESS LICENSING BOARD

100 WEST 47TH STREET, NEW YORK, NY 10018  
TELEPHONE: (212) 312-3200

### PUBLIC NOTICE

Business Licenses and Permits Committee  
will discuss an application submitted by

**Station Restaurant LLC**  
315 West 46th Street

An application for an  
On-Premise Liquor License

DATE: Tuesday, April 14, 2015  
TIME: 8:30 PM  
PLACE: 200 West 47th Street -  
200 West 47th Street

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HOUSE







CITY OF NEW YORK

**MANHATTAN COMMUNITY BOARD No. 4**

330 West 42<sup>nd</sup> Street, 26<sup>th</sup> floor New York, NY 10036  
tel: 212-736-4536 fax: 212-947-9512  
www.nyc.gov/mcb4

**CHRISTINE BERTHET**  
Chair

**JESSE BODINE**  
District Manager

## **PUBLIC NOTICE**

Business Licenses and Permits Committee  
will discuss an application submitted by

# **Station Restaurant LLC** **315 West 46<sup>th</sup> Street**

An new application for an  
On-Premise Liquor License

<b>DATE:</b>	Tuesday, April 14, 2015
<b>TIME:</b>	6:30 PM
<b>PLACE:</b>	Intercontinental NY Times Square - 300 West 44 <sup>th</sup> Street

We invite you to attend this meeting and give your comments on this application.  
Alternately, you may mail, fax or email us at the address listed above.  
For more information, please call 212-736-4536.

Tea Market  
Friday, March 22  
Sacred Heart  
Church's cafeteria on  
St. between 9 and 10 Ave  
Time 10am - 2pm

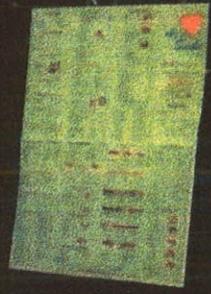
**PUBLIC NOTICE**  
Business License and Permit Center  
Will discuss an application submitted by  
**Station Restaurant LLC**  
315 West 46th Street  
For more information see  
On-Premise Usage License  
New York, April 14, 2015  
1-800-333-3333  
Municipal Office of Health Services  
300 West 42nd Street



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JAPANESE FOOD  
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TEL.212-265-5686

374 W 46 ST



A

**PUBLIC NOTICE**  
Business Licenses and Permit Committee  
will discuss an application submitted by  
**Station Restaurant LLC**  
315 West 46th Street  
An application for an  
On-Premise Liquor License  
Tentative: 2/28/18, 2018  
DATE: 2/28/18, 2018  
TIME: 4:00 PM  
PLACE: Interborough 117 Third Avenue  
330 West 44th Street

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315 West 49th Street  
New York, NY 10018  
Tel: (212) 693-0200  
www.dsarealty.com

*Handwritten:* ~~Handwritten~~ *AND*  
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**(BASEMENT SPACE) 800 SF**  
**FOOD USE OK**

**ARIEL**

4000 SF RETAIL  
LEE & ASSOCIATES  
LEEASSOCIATESNYC.COM  
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GSTEINBERG@LEE-ASSOCIATES.COM

  
OFFICE OF THE  
COMPTROLLER OF THE CITY OF NEW YORK  
OFFICE OF THE  
COMPTROLLER OF THE CITY OF NEW YORK

**PUBLIC NOTICE**  
Business License and Permits Committee  
will discuss an application submitted by  
**Station Restaurant LLC**  
315 West 46<sup>th</sup> Street

An open application for an  
**On-Premise Liquor License**

DATE	Tuesday, April 14, 2015
TIME	5:30 PM
PLACE	International NY Times Square 315 West 46 <sup>th</sup> Street



CITY OF NEW YORK

MANHATTAN COMMUNITY BOARD No. 4

330 West 42<sup>nd</sup> Street 2<sup>nd</sup> floor New York, NY 10036  
tel: 212-785-4532 fax: 212-247-2512  
[www.nyc.gov/mc4](http://www.nyc.gov/mc4)

## PUBLIC NOTICE

Business Licenses and Permits Committee  
will discuss an application submitted by

**Station Restaurant LLC**  
**315 West 46<sup>th</sup> Street**

An new application for an  
**On-Premise Liquor License**

Tuesday, April 14, 2015  
6:30 PM

Intercontinental NY Times Square -  
300 West 44<sup>th</sup> Street

# ACOUSTILOG<sup>INC.</sup>

19 Mercer Street, NY, NY 10013 (212) 925-1365 Fax: (212) 966-4216 www.acoustilog.com

March 30, 2015

Mr. Scott Sternick  
596 Tenth Avenue  
New York, NY 10036

Re: Restaurant Soundproofing, 315 West 46<sup>th</sup> Street, NY NY

Dear Mr. Sternick,

I conducted acoustic tests on March 25, 2015 at the above premises to determine the existing soundproofing of the future restaurant space and to make appropriate recommendations to protect neighbors from noise.

## **DBA VS ONE-THIRD OCTAVE BAND MUSIC LEVELS**

One way that the sound levels were measured was using the A-weighting decibel scale. The dB (A) decibel scale (see Noise Code Section §24-231 a1) is the most common type of sound measurement, which represents an overall measurement of all frequencies, but with a strong tendency to ignore the low-frequency "bass" sounds. The A-weighted decibels require only a simple sound level meter to measure them. They are shown in the dBA column on the right-hand side of the frequency graphs below. dBA is what the City DEP inspectors use, and they normally consider anything above 42 dBA to be unreasonable.

C-weighted decibels or dBC (see Noise Code Section §24-231 a3) are also an overall measurement of all frequencies, but this measurement includes the important low-frequency "bass" sounds. However, dBC readings pick up so many frequencies at the same time that they usually do not distinguish between normal background noise and music beats.

One-third octave band sound level readings (see Noise Code Section §24-231 a2) were also taken, which are measured in decibels, or dB. The frequencies below 200 Hertz are called bass or low frequencies, which sound like thumping or vibration. This range of low frequencies is addressed in the Noise Code regulations and is the sound most likely to cause neighbor complaints. Bass and drums usually cause sounds in these frequency ranges. These sounds require a complex spectrum analyzer to measure them. The loudest sounds produced by the music are in the low frequencies. The low-frequency bands are shown on the left-hand side of frequency graphs, while the middle and high frequencies are in the middle and on the right-hand side respectively.

## **THE NOISE CODE - MUSIC**

§24-231 *Commercial music.*

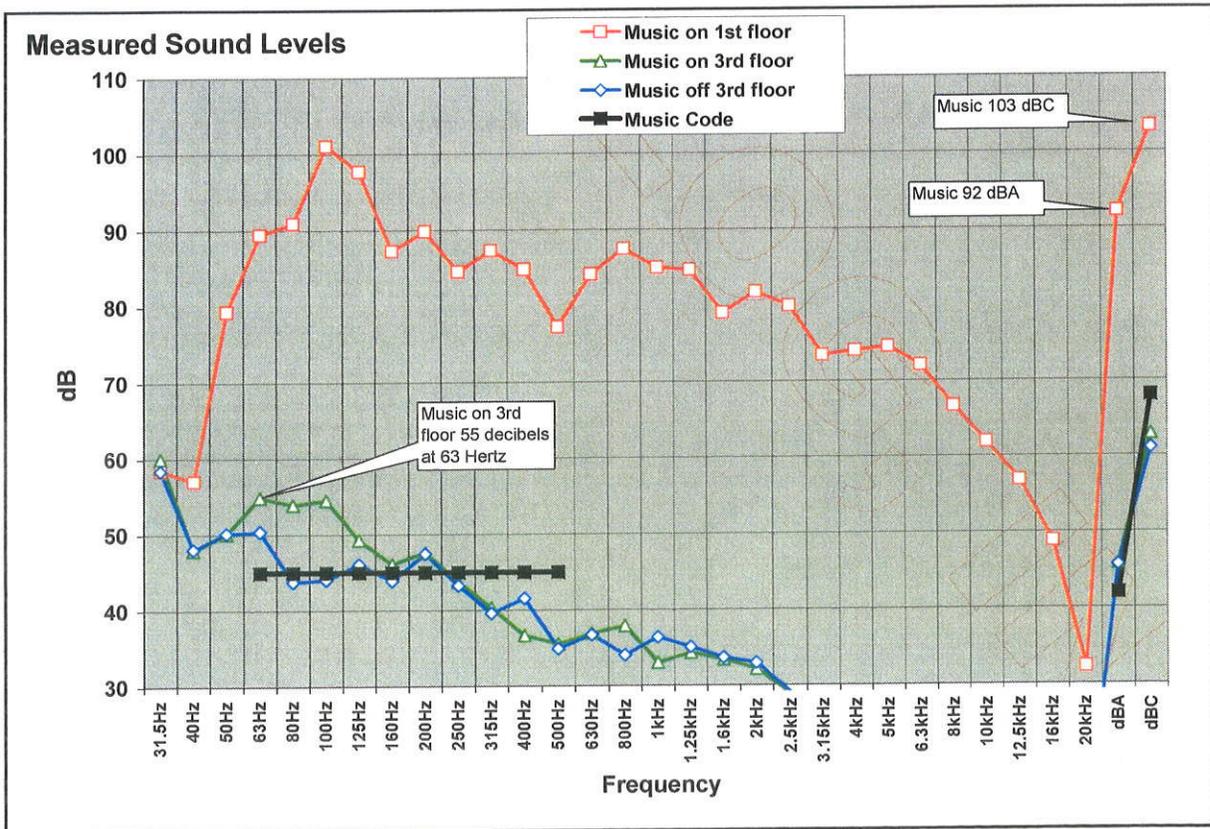
*(a) No person shall make or cause or permit to be made or caused any music originating from or in connection with the operation of any commercial*

establishment or enterprise when the level of sound attributable to such music, as measured inside any receiving property dwelling unit:

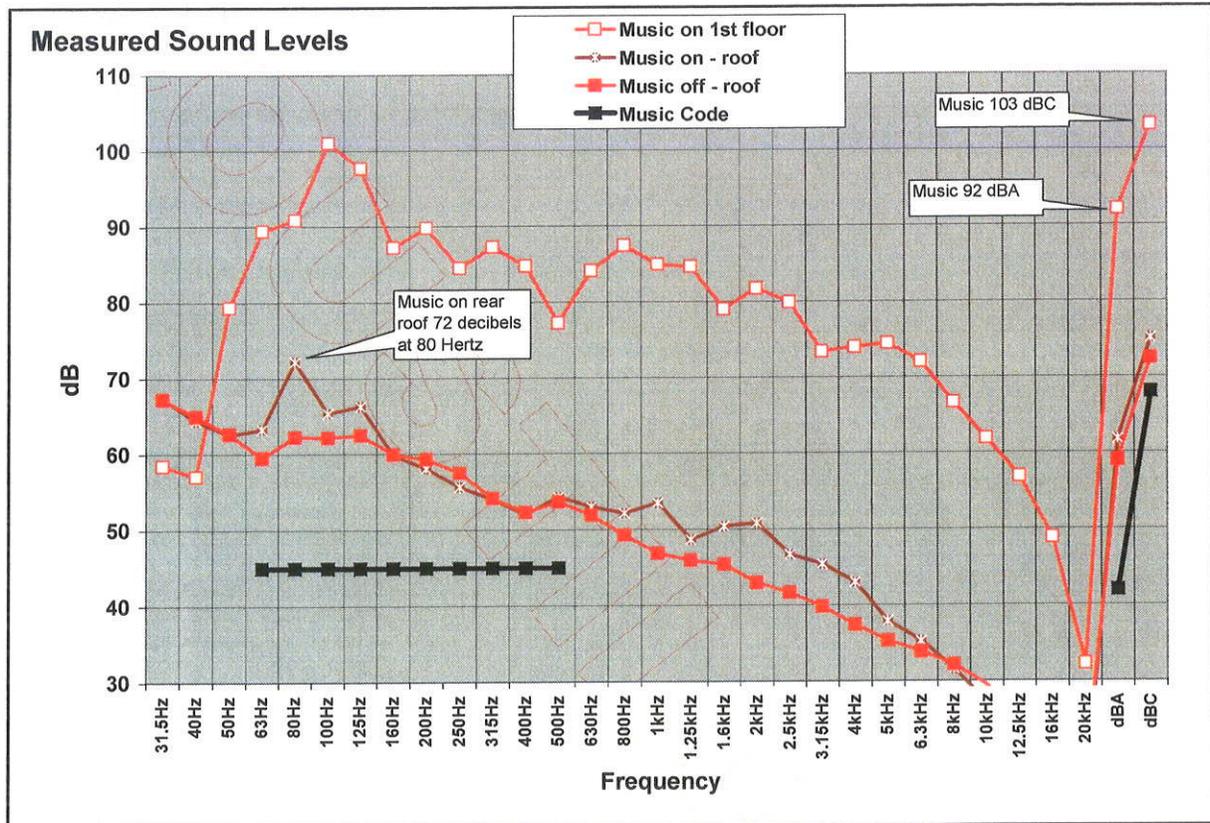
- (1) is in excess of 42 dB(A) as measured with a sound level meter; or
- (2) is in excess of 45 dB in any one-third octave band having a center frequency between 63 hertz and 500 hertz (ANSI bands numbers 18 through 27, Inclusive), in accordance with American National Standards Institute standard S1.6-1984; or
- (3) causes a 6 dBC or more increase in the total sound level above the ambient sound level as measured in decibels in the "C" weighting network provided that the ambient sound level is in excess of 62 dBC.

**TEST**

A portable sound system was played using a music test signal at 103 dBC/92 dBA, slow response in the first-floor space. The dBC reading was used because it is a measurement you can easily test later, as described in the recommendations. **The actual sound you wish to use in the restaurant will be 90 dBC/80 dBA "ambient" music that can be heard clearly but will not require people to shout over it.** I measured the sound transmission and the background (ambient) level in the third-floor apartment hallway in line with the speaker. The sound was mostly bass and measured 55 decibels at 63 Hertz.



I also measured the sound levels on the rear second-floor roof. Some sound is coming through the roof, as well as some through the ducts and duct penetrations in the roof where the mechanical equipment is located. This sound level would have to be reduced if the sound level was as high as the test level, in order to prevent excessive sound from entering the many surrounding apartment windows near the roof.



I also listened to the sound levels in the restaurants next door to the east and west. The sound from the bass was faintly audible at most and would not produce any noise violation condition.

Since there will be people making noise in the restaurant, I considered the sound from people talking by analyzing the dBA levels from the music. The sound that would be attributable to voices will be within Code limits due to the inherent midrange soundproofing as well as the general background noise from distant sources.

## INSPECTION

The restaurant space has a sheetrock ceiling and wood joists above. These joists are packed with pink fiberglass insulation. There is no resilient isolation of the ceiling sheetrock to the joists.

There is an uninsulated, built-out sheetrock wall in the front section of the restaurant.

The window/doors in the front section of restaurant were closed during the test.

The brick wall behind the sheetrock walls could not be inspected until the sheetrock is removed, so the condition of the brick is unknown. There could be pipes and risers which are not visible now but could be uncovered during demolition.

## ANALYSIS

You will be occupying not only the restaurant space but also the upper floors in the same building. You wish to provide soundproofing to these floors even though they will not be subject to complaints.

The nearest potential complainants who must be protected are in the upper floors above the two adjacent restaurants, as well as in the apartments on the south side of West 47<sup>th</sup> Street facing your low rear roof.

The sound in the same-level restaurants to the east and west was at most faintly audible. Because the planned sound level is going to be lower than the tested level, there will not be a Code violation. Also, the sound in the upstairs apartments in the adjacent buildings will not produce any noise violation condition using the tested sound levels. With lower levels, which you plan to use, there is an added safety margin. This can be assured by using a locked sound limiter.

As shown in the graphs, the loudest sound outside on the rear roof was 72 decibels at 80 Hertz. This sound level could enter an apartment window resulting in an inside level of approximately 45 decibels, which is right at the legal limit. However, the planned sound level, 90 dBC / 80 dBA, will be lower than the test level by 13 decibels. Therefore, the sound level in the nearest residence will be Code compliant with the restaurant in actual operation.

## RECOMMENDATIONS

---

### DROPPED CEILING

1. Remove the existing ceiling sheetrock and the fiberglass insulation.
2. On the first 2 levels of the building, install the ceiling soundproofing as shown in the enclosed diagram. The new ceiling will consist of staggered-seam layers of 5/8" sheetrock (on the bottom side only), hung from the existing joists with Kinetics ICW hangers; data attached. Use 2 layers on the 1<sup>st</sup> floor ceiling and 3 layers on the 2<sup>nd</sup> floor ceiling.
  - a. These Kinetics products are available from Jay Ford at Vibration Products (201 569 7400). The Kinetics website is <http://www.kineticsnoise.com>, where there are links to their products and ratings. If your contractor sends them a layout of the space, the Vibration Products people will determine the proper type and mix for the order to provide the required 1/2" static deflection (this does not have to be exact). The hanger spacing would be 4 feet on center.
  - b. The new ceiling cavity will be at least 9" deep from the bottom of the subfloor to the top of the new hanging sheetrock. Lightly stuff in Thermafiber SAFB insulation, 2.5 lb. density, above the sheetrock in the cavity below the existing sheetrock. Use three 3" layers to lightly fill the cavity.
  - c. The floating ceiling must not tie into the perimeter walls. Rather, leave a 1/4" gap all around the perimeter, between the new ceiling and the brick walls. Line the gap with 1/4" black Sponge rubber, available from Canal Rubber Supply, 329 Canal St, phone number (212) 226-7339. Ask for Marty, and say you want the Black SCE42 Closed Cell Neoprene Sponge. The metal and the sheetrock of the hung ceiling will essentially be "floating" near the top of the perimeter walls. Trim off the excess rubber to provide a 1/4" deep recess beyond the line of the final

sheetrock layer. Then caulk this recessed gap with Silicone 1 caulk (do not use Silicone II).

- d. The ceiling can box around pipes. Do not let any part of the ceiling touch the pipes or any other part of the building rigidly.
- e. There is no need to tape, sand or compound spackle anything other than the final layer on the ceiling. If there will be no view of the sheetrock because it is covered with additional material, then tape but do not sand the final layer.

### **DEMISING WALL**

3. When the brick wall is exposed, inspect the brick and take pictures. Send me the pictures and I will recommend the appropriate wall treatment. It is likely that none will be needed.

### **STOREFRONT GLASS DOORS**

4. Leaving the storefront door glass exposed to the planned low-to-moderate sound levels will still allow some sound from the restaurant to be heard immediately outside on the sidewalk when there are no cars passing by. There will not be sufficient sound escaping to affect any neighboring apartment windows.
5. The DEP occasionally and incorrectly issues summonses for sidewalk noise, but this is almost always due to a door being propped open. With the sound levels proposed, there should be no noise complaints from neighbors and it is unlikely you will receive DEP visits.

### **PIPES**

6. Piping, such as waste and water supply pipes for the apartments above, should be enclosed in the dropped ceiling or behind an independent wall using 2 staggered-seam layers of 5/8" sheetrock from floor to ceiling. Do not let any part of the framing of this wall touch the pipes. Fill the cavity with Thermafiber.
7. See the attached pipe penetration detail for pipes, sprinkler heads and rods penetrating the sheetrock.

### **AIR CONDITIONING**

8. The air conditioning units should be kept below the hung ceiling so there are no duct penetrations.
9. All mechanical equipment should be hung from the walls or joists. Ceiling-hung equipment must incorporate spring vibration isolators with 1" static deflection and flexible electrical and duct connections as required by the Building Code. I recommend Kinetics SRH-1 hangers.

### **LIGHTING**

10. Track or other surface-mount lighting is recommended rather than recessed lights. This is to prevent sound from exiting through the sheetrock holes. Any BX cables that need to penetrate the ceiling can do so, but the hole must be the same size as the cable and must be caulked airtight after the cable is passed through.

## SOUND SYSTEM

11. A large number of small speakers should be used as a distributed system.
  - a. For this system, at least 16 speakers should be used for each floor.
  - b. Do not use a subwoofer.
  - c. The woofers should be no larger than 6-1/2".
  - d. Try to keep the speakers no more than 24" above the customers' head height. I suggest you hang the speakers with rubber mounts as shown in the diagram. Do not use flush-mounted speakers.
  - e. The system should be set up in stereo. Stereo sounds louder to the customers without actually increasing the sound that travels upstairs.
12. Install a DBX Driverack PA+ in the sound system right before the amplifier. This will prevent the sound system from exceeding a pre-determined sound level, set by the sound installer. This dbx unit is locked electronically.
  - a. Set the Stereo Output Limiters to COUPLE both channels together, which makes the Channel 1 controls affect both channels. The rest of the instructions are thus for the left channel only.
  - b. Using the graphic equalizer section, attenuate (lower) all frequencies 125 Hertz and below by 4 decibels.
  - c. Set the limiter's Ratio control to infinity, the Peak Stop to off, the Attack and Release time to midway and Auto, Over-Easy to off, and the Threshold control so as to normally limit only 3 decibels during typical music playing. If the music tries to get louder for any reason, the sound will stay at the same volume.
  - d. Using the unit's output level control, set the sound level 3 feet from one of the speakers to 90 dBC / 80 dBA Slow. The sound installer can do this with a simple Radio Shack sound level meter. Set the meter to read "C", and "Slow". This will be a good starting point from which to operate the sound system. To ensure accuracy of the meter, they can bring it to my office to be calibrated.
13. You could optionally install shakers under the banquette seating. These do not create noise but they vibrate the seat along with the music beat and therefore give the illusion of the sound being louder in the room. These are made by Aura and cost approximately \$75 each. Install one shaker every 2 feet directly on the underside of the wood banquet seats.

## OPTIONAL - ROOM ACOUSTICS

14. I recommend you install absorbing material underneath the dropped ceiling, to improve the listening conditions for your customers; this is not necessary for reducing noise levels to the upstairs apartments but it does help somewhat in that regard. Its main benefit is improving the sound quality of the music and reducing the levels of people's voices so it is easier to converse.
  - a. Kinetics Hardside panels cost about \$12/ sq. ft. The panels, each 1.5" thick, should be securely hung on the ceiling. I have enclosed a photo of one job with wall and ceiling panels. Many different colors of covering fabric are available.

- b. Cover at least 75% of the ceiling area.
- c. Two different types of suitable and less expensive material are shown in the attached data sheets, 2" thick Owens Corning SelectSound Black Acoustic Board, available at J & S Supply (718 786 3044), and 2" thick UltraQuiet Acoustic Cotton Panels, available from Soundaway, at 866.768.6381. Their website is [www.soundaway.com](http://www.soundaway.com). They can be hung with screws and large washers, by using special pins, or by gluing the material to the surface. These materials can be covered with a flameproof fabric or perforated metal or wood provided the open area is sufficient to allow sound absorption. Contact me for more details on surface treatments.

If I can be of further assistance, please call.

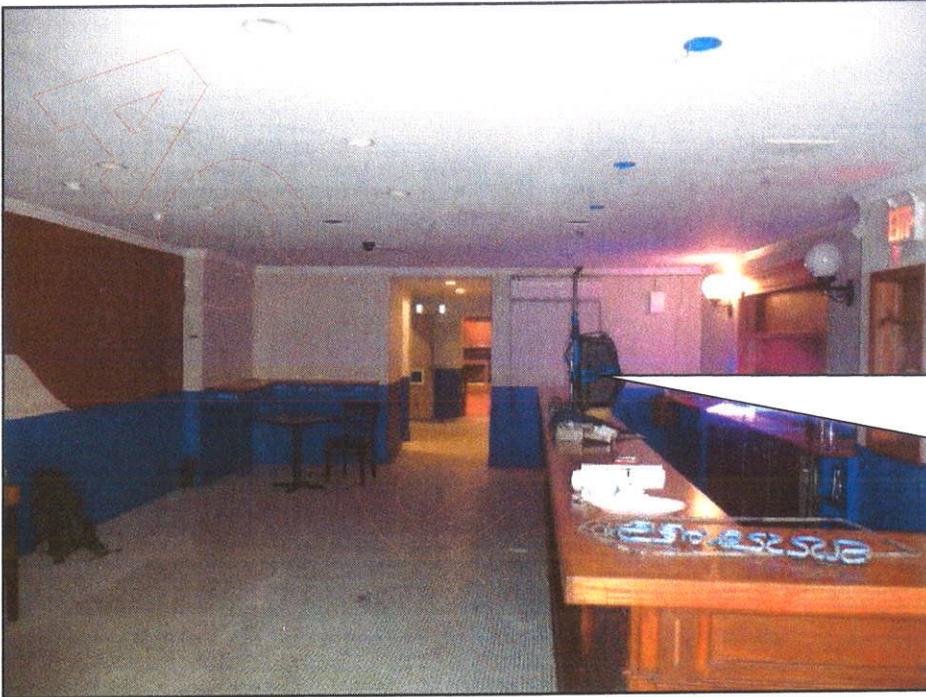
It is strongly recommended that all complicated construction projects get regular inspection visits at critical times, to make sure the system performs properly. This is an optional service which I can provide. All Acoustilog, Inc.-designed information supplied is for the original client and may not be copied in any way for different projects by any architect, consultant, engineer or other party. Copyright 2015. All rights reserved. No reproduction of any type permitted without written permission of Acoustilog, Inc.

Yours Truly,

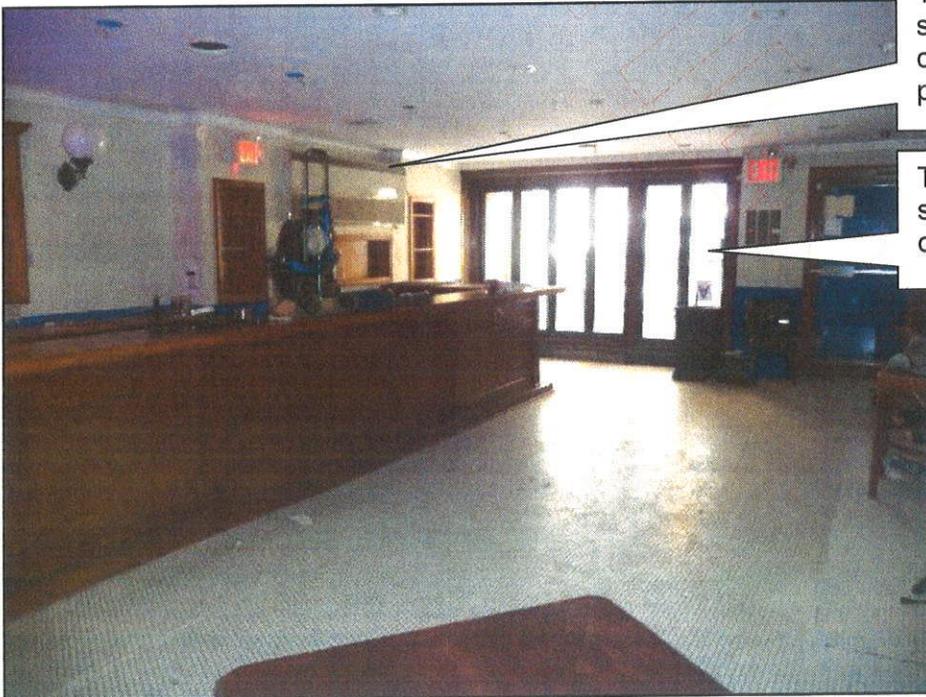


Alan Fierstein  
President  
[acoustilog1@verizon.net](mailto:acoustilog1@verizon.net)

*All readings re: .0002 microbar. Readings taken with Bruel & Kjaer 2260/2270 Analyzer, Bruel & Kjaer 4135, 4145, 4165, 4189 or 4190 Microphone, Acoustilog 232A Reverberation Timer. Calibrated to Bruel & Kjaer 4220 Sound Source or Quest CA-15A.*

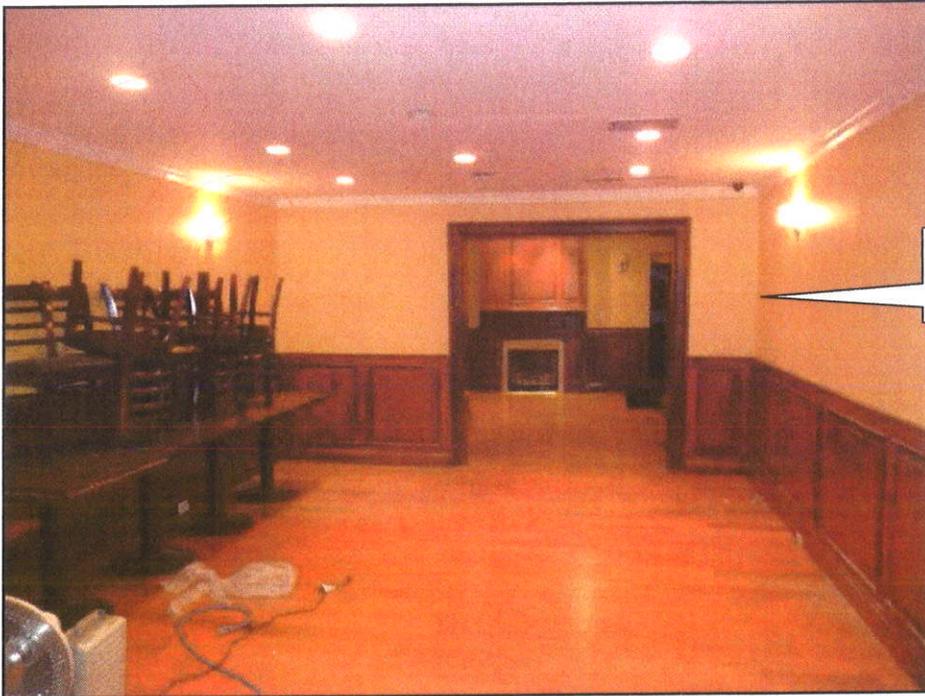


A portable sound system was run at its maximum capacity using a music test signal at 104 dBC, slow response in the 1<sup>st</sup> floor space.

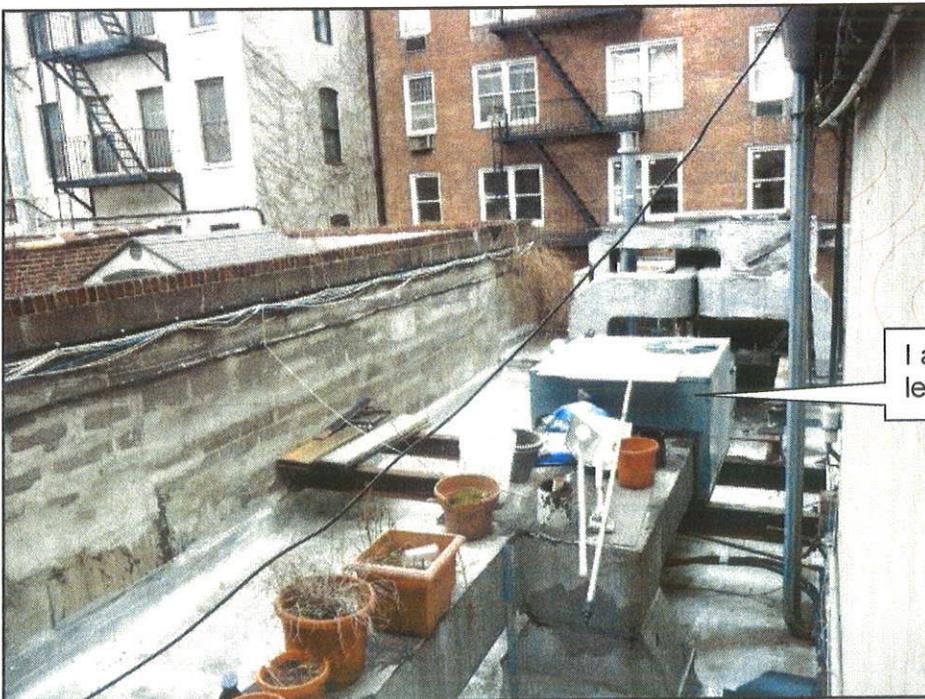


The air conditioning units should be kept below the hung ceiling so there are no duct penetrations.

The window/doors in the front section of restaurant were closed during the test.



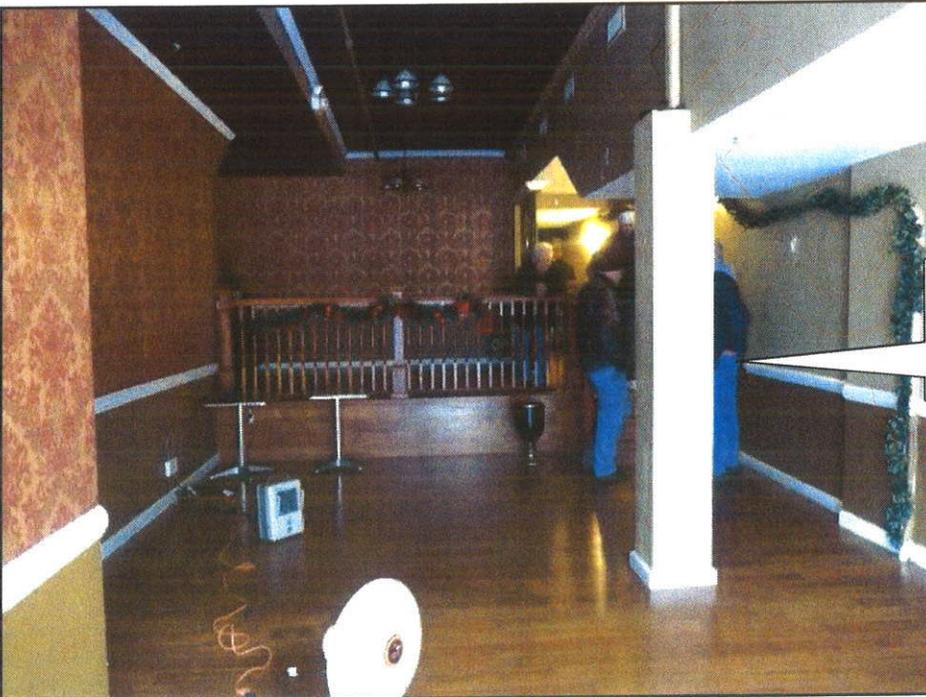
Middle and rear sections of restaurant



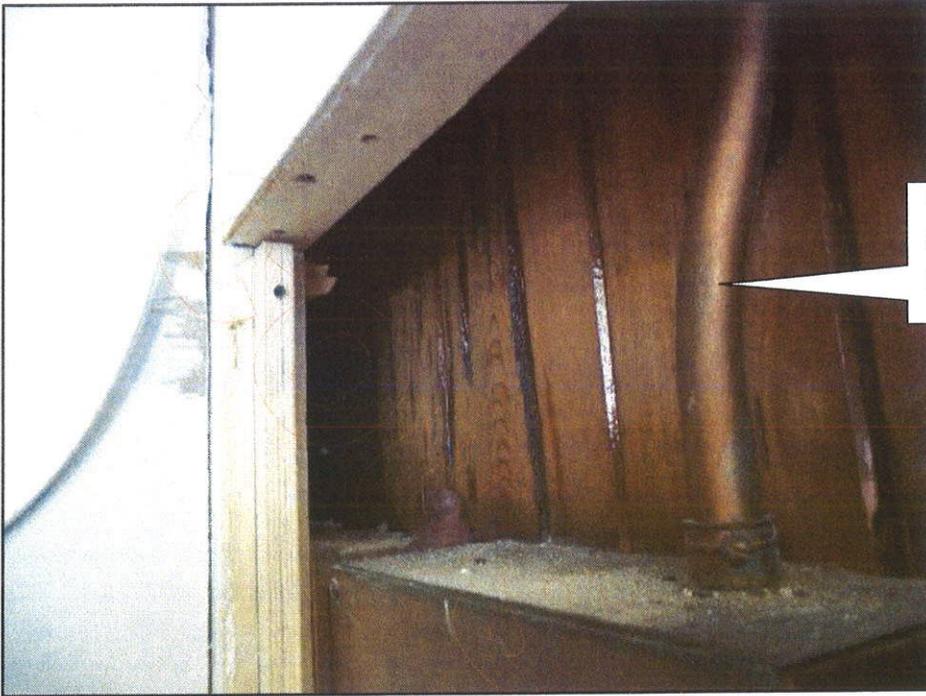
I also measured the sound levels on the rear 2<sup>nd</sup> floor roof.



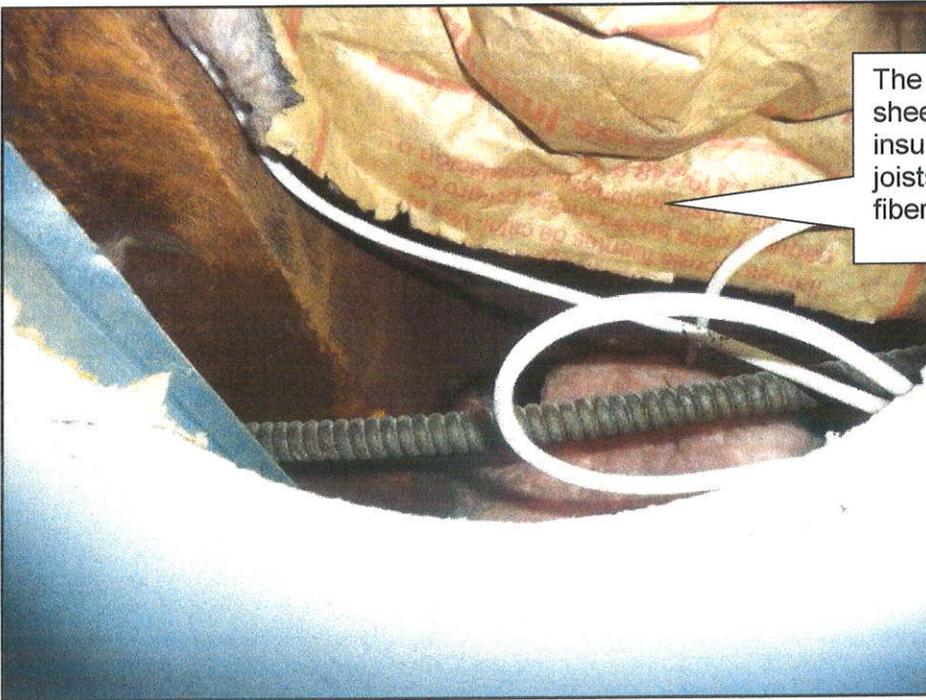
The nearest potential complainants which must be protected are in the upper floors above the two adjacent restaurants, as well as the apartments on the south side of West 47<sup>th</sup> Street facing your low rear roof.



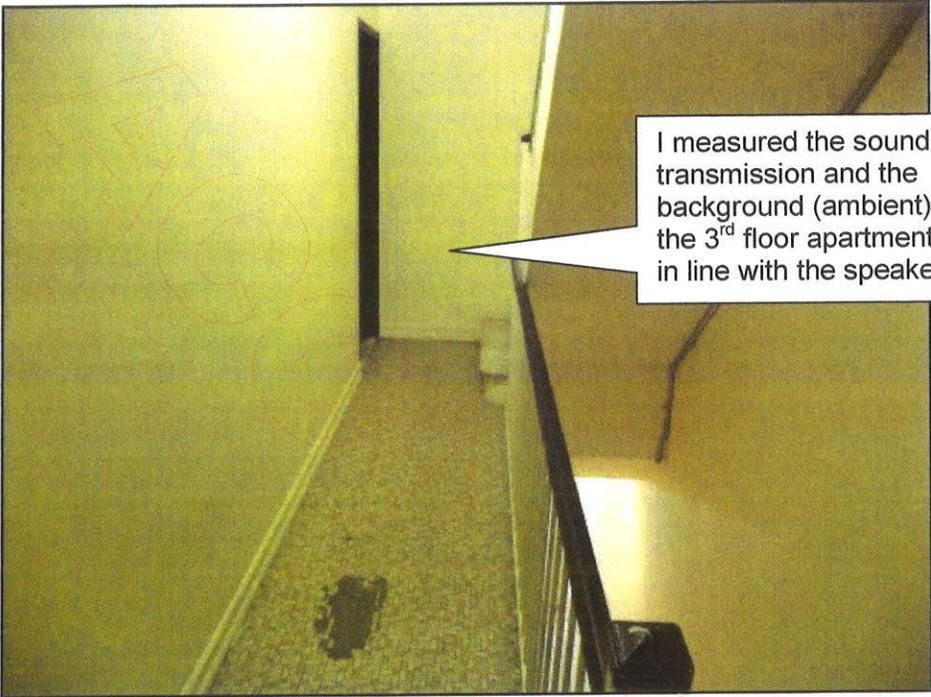
You will be occupying all of the upper floors including this 2<sup>nd</sup> floor area.



There is an uninsulated, built-out sheetrock wall in the front section of the restaurant.



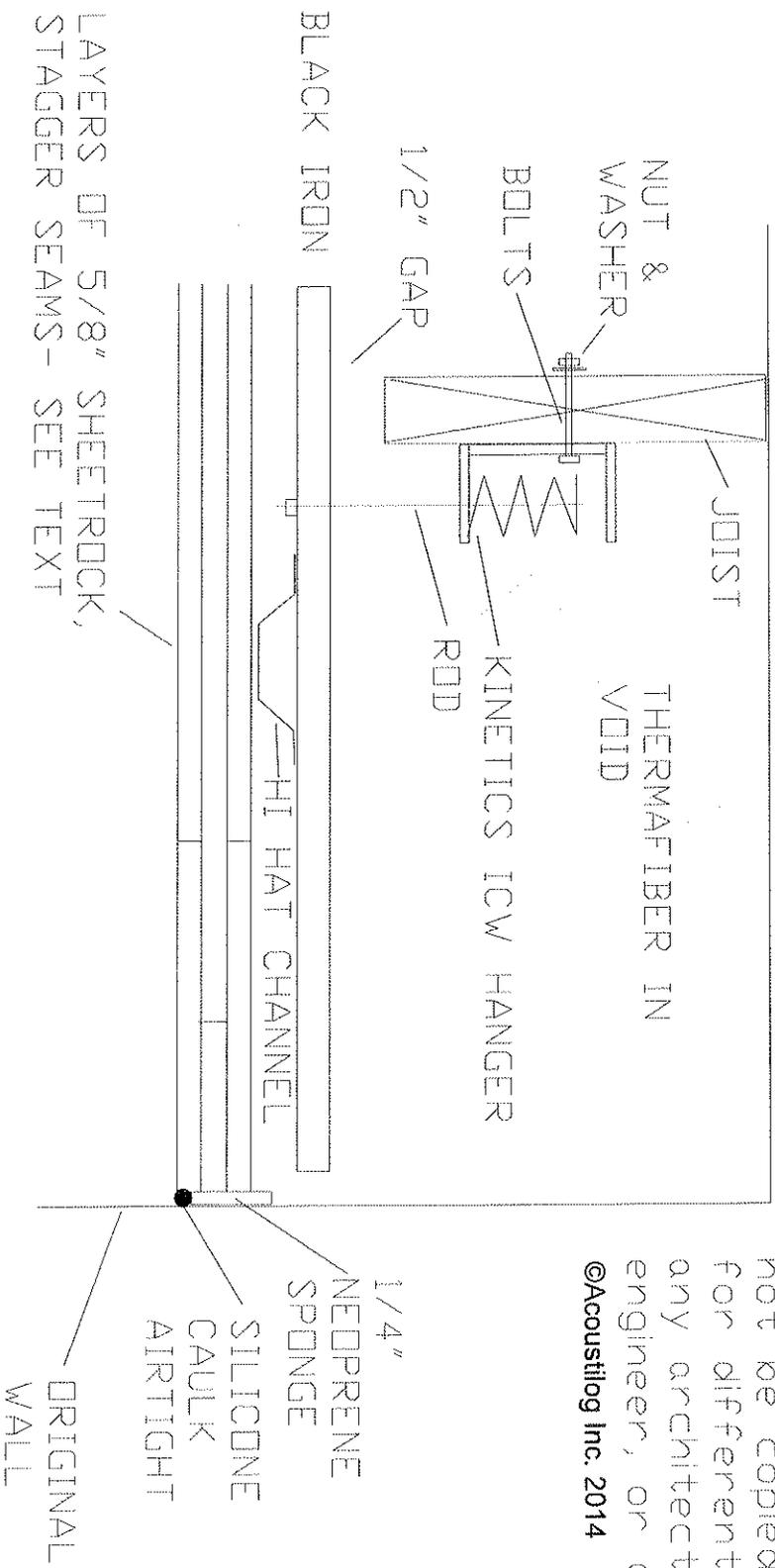
The restaurant space has a sheetrock ceiling with no insulation. There are wood joists above, packed with pink fiberglass insulation.



I measured the sound transmission and the background (ambient) level in the 3<sup>rd</sup> floor apartment hallway in line with the speaker.



Since the sound in the same-level restaurants to the east and west was at most faintly audible, the sound in the upstairs apartments would not produce any noise violation condition using the tested sound levels.

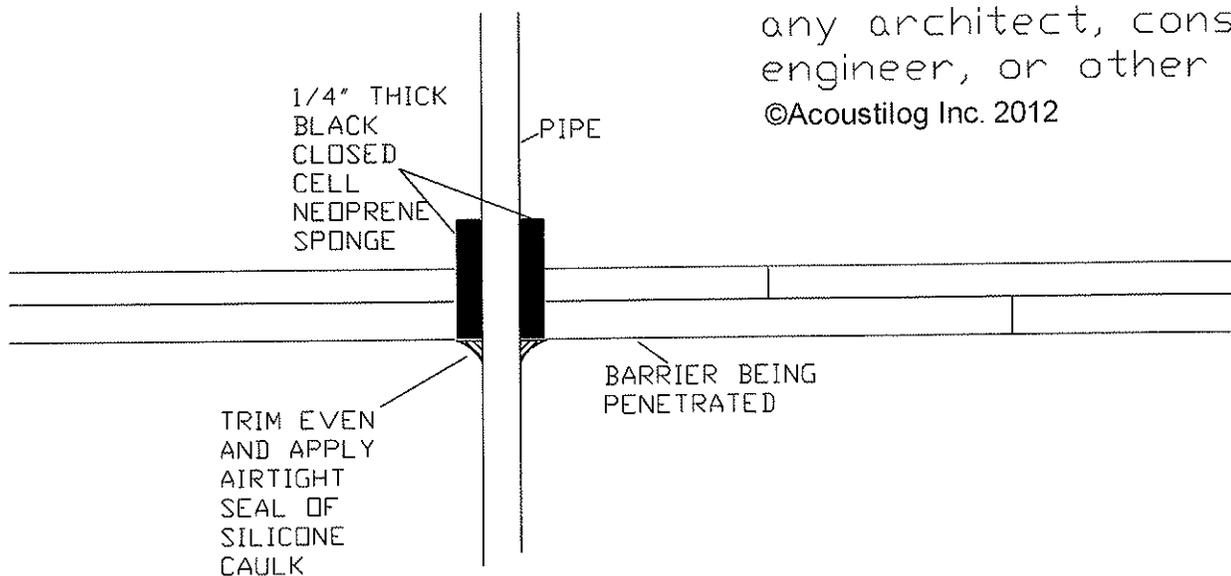


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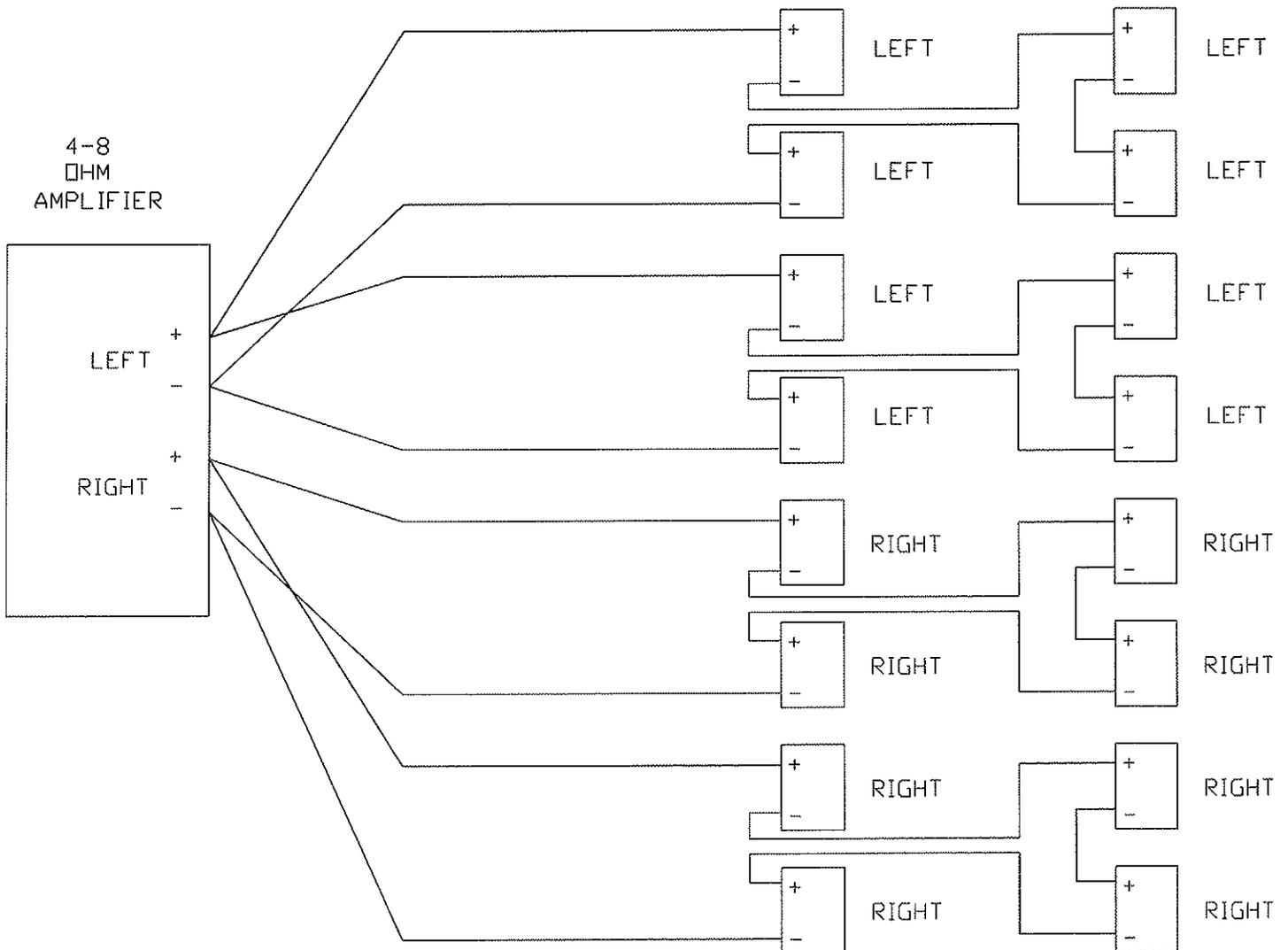


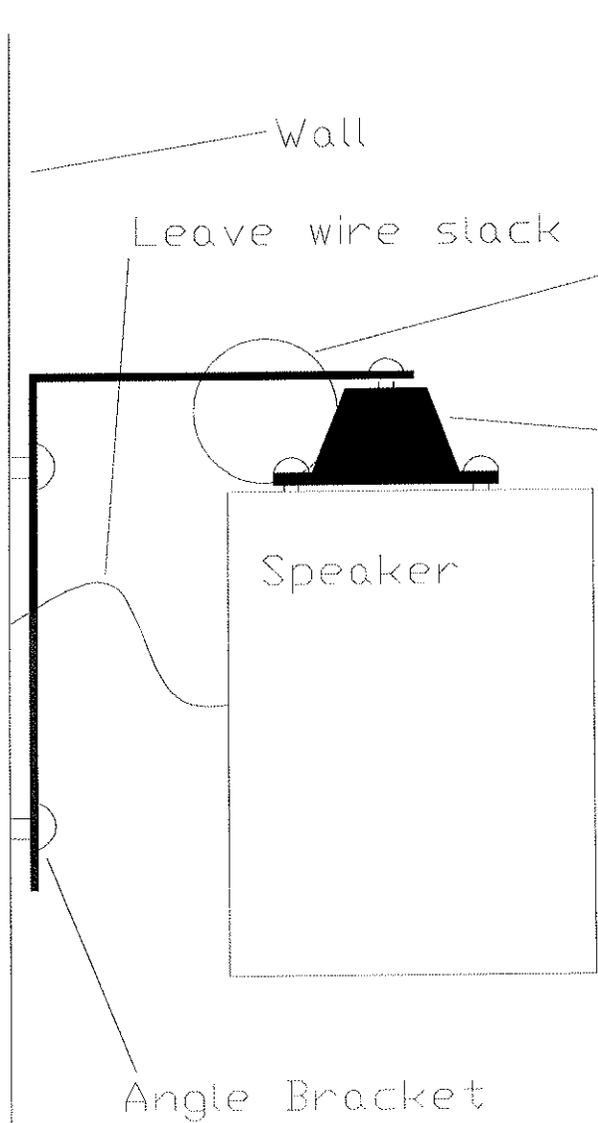
# ACOUSTILOG SERIES-PARALLEL HOOKUP

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4-8  
ΩHM  
SPEAKERS

4-8  
ΩHM  
AMPLIFIER

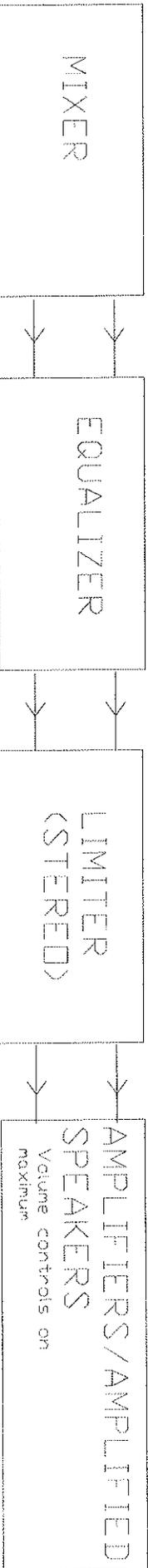




Safety wire with slack- This is necessary because the isolators are normally used under, not over, the device they are holding.

Grainger 4C875 Vibration Isolator - Use 1 for small speakers. Find exact center of gravity so speaker hangs at desired angle.

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NOTE - LIMITER AND EQUALIZER  
FUNCTIONS CAN BE COMBINED IN  
ONE PROCESSOR

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DRIVERACK

## DriveRack® PA+ Complete Loudspeaker Management System

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### FEATURES

- Setup Wizard Steps Through Speaker and Amp Selection and Levels
- Auto EQ™ Wizard with 28-Band RTA Tunes Your System For The Venue
- AFS™ Wizard Helps Eliminate Feedback
- Stereo Feedback Elimination with 12 feedback notch filters
- dbx 120A Sub-harmonic Synthesizer
- Classic dbx Input Compression
- JBL® Speaker and Crown® Power Amp Tunings included
- USB Firmware and Speaker Tunings Field Updatable With Harman HiQnet™ System Architect
- Full time RTA function
- Front-Panel Output Mutes
- Pink Noise Generator (used with Auto EQ and Auto Level Wizards)
- Linked Stereo DSP Processing for ease of use
- 24-Bit ADC/24-Bit DAC, >113 dB Dynamic Range
- 2-Channel XLR Input and 6-Channel XLR Output
- 2x3, 2x4, 2x5, 2x6 Crossover Configurations
- Dual 28-band Graphic EQ-Linked or Dual Mono
- Stereo Multi-band Parametric EQ
- Stereo Output Limiters
- Output Alignment Delay
- Power on/off Mute Circuitry
- Front-panel RTA-M XLR input with phantom power
- 25 User Programs/25 Factory Programs
- Full Graphic LCD Display
- Front Panel Input and Output Meters

The best just got even better! The DriveRack PA, far and away the world's most popular loud speaker management system has now become the DriveRack PA+; the best has indeed gotten better. Showcasing all the features that users around the world have come to expect, including easy setup, rock-solid reliability and unparalleled sound quality, the new version has gone to great lengths to earn its "plus." With more settings, more control and enhanced circuitry, the sound you seek is right at your fingertips.

Although the DriveRack PA+ is loaded with functions and features, it is easy to set-up and use. The dbx exclusive Set Up Wizards walk you through system set up with easy to follow step-by-step instructions. Just pick your speakers and amps from the built-in list on the PA+ and then let the Auto Level Wizard™ fine tune the level settings of each speaker. You can then let the Auto EQ® Wizard help you further optimize your sound. Finish up by using the AFS Wizard, which automatically sets filters to eliminate any feedback during performances. Within minutes, your system will sound like it was tuned by a pro! No experience required. Get the most out of your PA with the DriveRack PA+, the worldwide standard in loudspeaker management.

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▶	TOUR SOUND
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For product availability and pricing please contact your local dealer



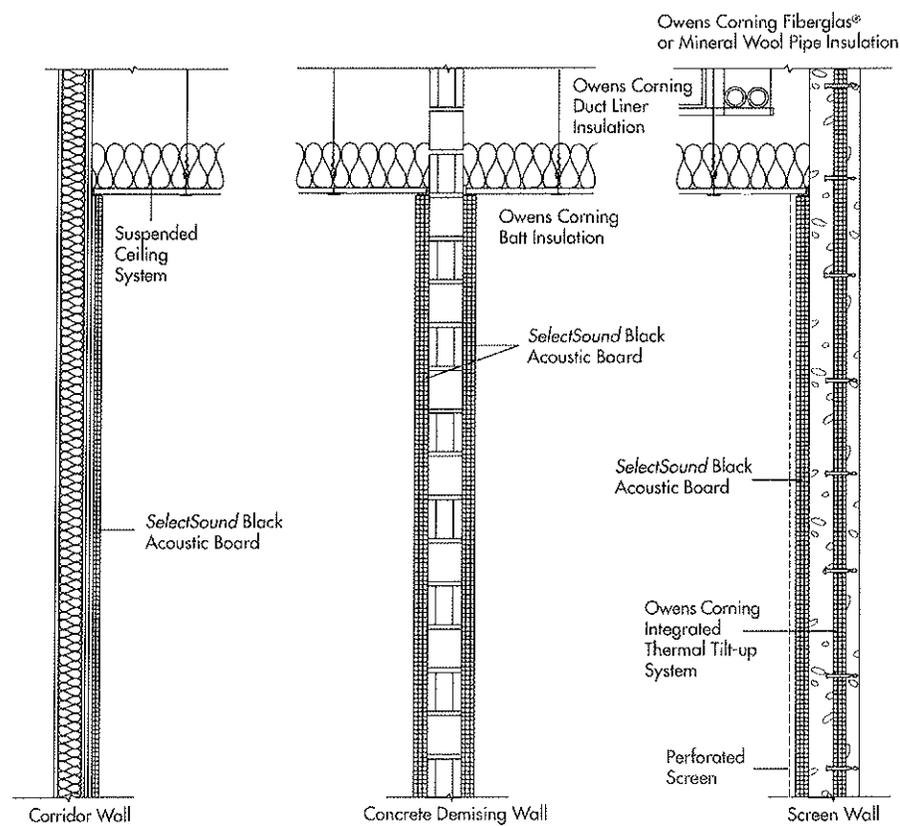
# SelectSound™ Black Acoustic Board

## Acoustical Performance

Product Type & Thickness	Density		Mounting	Octave Band Center Frequencies, Hz							Thermal Resistance* R-Value (hr•ft <sup>2</sup> •°F)/Btu
	pcf	(kg/m <sup>3</sup> )		125	250	500	1000	2000	4000	NRC	
1" Mat faced	3.0	(48)	A	.06	.25	.62	.91	.99	.98	.70	4.3
2" Mat faced	3.0	(48)	A	.18	.71	1.12	1.12	1.03	1.02	1.00	8.6

Derived from test conducted in accordance with ASTM C 423. Type A mounting (material placed against a solid backing such as a block wall).

## Conceptual Details



For CSI type sample specification, please contact your local Owens Corning representative.



Owens Corning reserves the right to change this product as needed.

### OWENS CORNING WORLD HEADQUARTERS

ONE OWENS CORNING PARKWAY  
TOLEDO, OHIO, USA 43659

1-800-GET-PINK

www.owenscorning.com

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Music & Audio Accessories Sound meters Digital Sound Level Meter



**Digital Sound Level Meter**  
Model: Dgms 2015 Catalog # 513 959

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Product Summary

**Fine-tune your audio.**

Fine-tune your PA or stereo systems audio response to match the acoustic environment with this Digital Sound Level Meter. It comes with a carrying case for travel and features an easy-to-read display.

- Carrying case protects the meter when traveling
- Easy-to-read display, sound range 30-130db, digit LCD display
- You can fine-tune your PA or stereo systems audio response to match the acoustic environment

**Pricing and availability:** Please note that all prices are subject to change without prior notice. Prices advertised on this site are for online orders only. Prices on some items may differ from those advertised in RadioShack stores. All merchandise may not be available at all stores, and all stores may not participate in all sales promotions. We recommend you contact the store to confirm product availability and price.

**Shipping**

Usually ships in 1 - 2 business days

In store: [Check availability](#)

By phone: 1-800-843-7422

**Manufacturer Warranty**

- Parts: 12 month
- Labor: 12 month

### Product Details

#### AuraSound AST-2B-4 Pro Bass Shaker Tactile Transducer

The AuraSound AST-2B-4 Pro Bass Shaker—also known as a butt shaker, or tactile transducer—works on the principle that low bass is mostly felt and not heard. Experience earth-shaking bass from all of your media: music, computer, movies, or video games. The AuraSound Pro Bass Shaker was designed originally for automotive applications to produce big car subwoofer bass without taking up valuable space in the vehicle's trunk. The AuraSound Pro Bass Shaker is ideal for convertibles and sports cars, where installing a large car stereo subwoofer is not practical. Can also be used in the home to make your own movie or video game chair.

The AuraSound Bass Shaker simply mounts to the floorboard under the seat or to the bottom of a chair to send vibrations through the structure, allowing you to feel awesome bass. The Pro version bass shaker handles 50 watts of power and produces more driving force than a standard shaker. Connects to an amplifier like an ordinary speaker. Use an array of Bass Shakers for larger surface areas like couches or love seats by utilizing a conventional series-parallel wiring configuration. AuraSound part number AST-2B-4. Sold and boxed individually and also available packed 16 units per case.

#### Specifications:

- Power handling: 50 watts RMS/100 watts max
- Impedance: 4 ohms
- Usable frequency response: 20 to 80 Hz
- Fs: 40 Hz
- Force peak: 30 lbs. per ft.
- Dimensions: 6.2" dia. x 2.5" H

Want to feel your music? The Bass Shaker Pro products allow you to experience every thump, thrust and shake...the way bass sound was originally intended. Aura's patented technology preserves the sound pressure levels so there's no distortion while enhancing the bass energy delivered from your stereo. We're taking surround sound to another level.....

Bass Shakers from Aura Systems add the exciting dimension of feeling to the sights and sounds of video arcade games, movies, stage shows and multimedia attractions! By actively converting bass sound waves into spine-ringing vibrations, Bass Shakers turn entertainment into a "moving experience"!

Bass Shakers bring coin-operated video arcade games to life by transforming a game's audio output into body-pulsing vibrations. With Bass Shakers installed into arcade seats or floor platforms, players can feel everything from a fighter's punch to the roaring engine of a formula one race car.

In movie theaters, the action jumps off the screen, the soundtrack comes to life and the entire experience is intensified. Bass Shakers hook up like a speaker and easily mount directly to a standard theater seat.

Installed in seats, tables, booths, floors of showrooms and stage theaters, Bass Shakers provide audiences with a more complete entertainment experience. Las Vegas stage extravaganzas, hit Broadway musicals, and rock'n' concert venues virtually jump off the stage into the audience. Bass Shakers are ideal for bringing music, on-stage special effects and laser shows to life.

Bass Shakers turn up the revenue potential of any entertainment experience. And thanks to low purchase, installation and maintenance costs, the Bass Shaker is a virtual winner in the race to provide affordable upgrades and enhancements to existing facilities.

#### PRODUCT SPECIFICATIONS

Application

Low Frequency Bass Shaker

### Manuals / Resources

 Aura AST-2B-4 Installation Guide

 Aura Sound Manufacturer Warranty

 See Catalog Page

#### Need Help?

Questions & Answer Center  
Email Customer Service  
Call Us: (800) 338-0531

### Related Products

Parts Express #6 x 1" Coarse Thread Cabinet Screws 100 Pcs. (1 Reviews)

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Part # 081-1100

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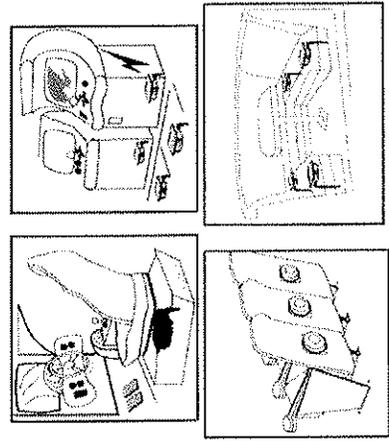
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[Home](#) > [Interior Room Acoustics](#) > HardSide Acoustical Wall Panels

## Kinetics™

### HardSide Acoustical Wall Panels



A combination of great appearance, superior acoustical performance, and design flexibility makes HardSide Acoustical Wall Panels the perfect solution for many interior reverberant noise problems.

The traditional acoustical wall panel, HardSide offers design versatility. A variety of shaped edges and panel thicknesses allow you to design for the desired appearance and acoustics. The perfect solution for many reverberant noise problems this panel offers superior performance in both wall and ceiling applications.

The core of this panel is a 5-7 PCF fiberglass board. The edges are chemically hardened for durability. Fabric facing, from the [FR 701 collection from Guilford of Maine](#) or factory-approved, customer-selected fabric, is stretched over the panel, wrapped and bonded around the edges for a crisp, finished look. Vinyl finishes are also available.

Design for panel sizes up to a maximum 4 ft. x 10 ft. or custom shaped panels with angled or contoured perimeter cuts.

#### Photo Gallery

Select the image to open a larger view in a new window.



#### Description

A versatile fiberglass acoustical wall panel wrapped in a wide selection of fabrics or vinyls. Available with hardened shaped edges. Engineered sound control with thicknesses from 1 to 4 inches and sizes up to 4 ft. x 10 ft.

#### HardSide Acoustical Wall Panels

[Specification](#)

[Data Sheet](#)

#### Fabric Selection

[Guilford of Maine FR701, Style 2100](#)

#### Installation Guidelines

[Adhesive Only](#)

[HS Clips with Adhesive](#)

[T Clips with Adhesive](#)

[DS-90 Clip](#)

[Edgemount Clip](#)

[Z-Clip](#)

[Z-Clips with Velcro](#)

[Z-Clips with Brackets](#)

[Velcro & Grip-Lock](#)

[Ceiling Panel Installation](#)

[Ceiling Panels with Butted Seams \(First Panel\)](#)

[Ceiling Panels with Butted Seams \(Middle Panel\)](#)

[Ceiling Panels with Butted Seams \(Last Panel\)](#)

[Field-Cut & Rewrap](#)

[Inside Corner Field-Cut & Rewrap](#)

[Electrial Outlet Extension Installation](#)

[Round Hole Field Cut](#)

#### Pricing and Quotations

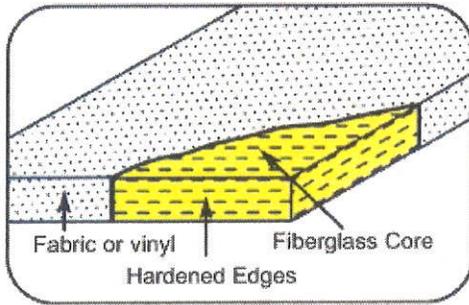
[Your local Kinetics Interiors representative will assist you with pricing and quotations](#)

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### Composition

- 5-7 PCF density fiberglass core
- Chemically hardened edges
- Fabric faced with factory in-stock fabric by [Guilford of Maine](#), or factory-approved customer-selected material



### Acoustical Performance

#### Sound Absorption per ASTM C-423. Type A Mounting

Frequency, Hz	125	250	500	1000	2000	4000	NRC
1" Thick Panel	0.05	0.32	0.82	1.04	1.02	1.01	0.80
2" Thick Panel	0.29	0.82	1.10	1.04	1.01	1.02	1.00
4" Thick Panel	0.61	1.05	1.11	1.11	1.08	1.04	1.10

### Fire Class Rating

Class A per ASTM E84

### Applications

- Interior surfaces where superior acoustical performance is required
- Conference Rooms
- Schools/Classrooms
- Auditoriums
- Media Rooms
- Multi-Purpose Rooms
- Churches
- Office Spaces
- Reception Areas
- Home Theatres
- Pro Theatres

### Mounting

- HardSide Impaling Clips with Adhesive
- EdgeMount Clips
- Z-Clips - movable
- Velcro - movable

See [HardSide Cloud Panels](#) for ceiling suspension.

### Edge Options

Square



Bevel

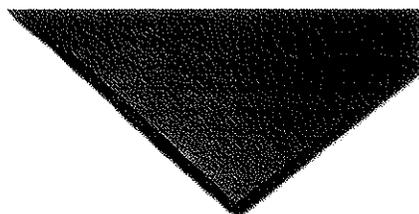


Radius



Pencil





### Superior Acoustical Performance

*SelectSound* Black acoustic board provides excellent acoustical performance for multiplex theaters, sound studios and performing arts centers. Depending on specified thickness, *SelectSound* Black acoustic board absorbs up to 100% of the sound striking its surface.

*SelectSound* Black acoustic board helps provide the highest quality audio reproduction by reducing sound reverberation within spaces. Sound transfer from space to space is also noticeably reduced.

### Physical Property Data

Property	Test Method	Value
Compressive strength (minimum)	ASTM C 165	
at 10% deformation		25 lb/ft <sup>2</sup> (1197 Pa)
at 25% deformation		90 lb/ft <sup>2</sup> (4309 Pa)
Water vapor sorption	ASTM C 1104	<3% by weight at 120°F (49°C), 95% R.H.
Fungi resistance	ASTM C 1338	Meets requirement
Nominal density	ASTM C 303	3.0 pcf (48 kg/m <sup>3</sup> )
Corrosiveness	ASTM C 665 Corrosiveness Test	Will not cause corrosion greater than that caused by sterile cotton on aluminum or steel*
Surface burning characteristics	ASTM E 84 CAN/ULC-S102**	Flame spread 25** Smoke developed 50

\* When wet, coated surfaces in contact with galvanized steel may cause discoloration of the sheet metal.

\*\* The surface burning characteristics of these products have been determined in accordance with UL 723 and CAN/ULC-S102-M. These standards should be used to measure and describe the properties of materials, products or assemblies in response to heat and flame under controlled laboratory conditions and should not be used to describe or appraise the fire hazard or fire risk of materials, products or assemblies under actual fire conditions. However, results of this test may be used as elements of a fire risk assessment which takes into account all of the factors which are pertinent to an assessment of the fire hazard of a particular end use. Values are reported to the nearest 5 rating.

### Durable Material Composition

*SelectSound* Black acoustic board is dimensionally stable and will not shrink or warp. The board's resilient composition resists job-site damage. When necessary, the durable black mat facing may be cleaned by vacuuming. *SelectSound* Black acoustic board, composed of inorganic glass fibers, will not rot or mildew and is noncorrosive to steel, copper and aluminum.

### Fast, High Quality Installation

Lightweight and resilient, *SelectSound* Black acoustic board is easy to handle, fabricate and install. Both stick pins and adhesives can be used to secure boards to drywall, concrete block or precast concrete.

### Size Availability

*SelectSound* Black acoustic board is available in 48" x 96" size. *SelectSound* Black acoustic board can also be supplied precut in sizes up to 48" x 96" to fit specific dimensional requirements. Precut boards improve labor productivity by speeding installation.

### Black Core with Dark Black Finish Surface

*SelectSound* Black acoustic board has an all-black core with a deep black mat finish with very low light reflectivity. The black surface is ideal for eliminating screen light reflections and preventing insulation from showing through most surface treatments.

### Design Considerations

Acoustical performance of interior surfaces can generally be improved by increasing acoustical material thickness. *SelectSound* Black acoustic board can be specified for use in conjunction with other Owens Corning acoustical materials to provide additional performance.

Owens Corning also manufactures *SelectSound* Black theater blanket. This roll product is ideal for use behind fabric on theater walls, in sound studios and performing arts centers.

### Applicable Standards

The noise reduction coefficients of *SelectSound* Black acoustic board were derived from tests conducted in accordance with ASTM C 423 on a Type A mounting.

### Installation Procedure

*SelectSound* Black acoustic board can be installed on drywall, concrete block or precast concrete using impaling pins or appropriate adhesives.

When installing insulation with adhesive, follow adhesive manufacturer's recommendations for surface preparation and pattern.

When using impaling pins, follow the pin manufacturer's recommendations for surface preparation, location and amount of pins. Pin length should be selected to ensure tight fit. Where subject to physical contact, protect pin tips.

Keep product dry during shipping, storage and installation.

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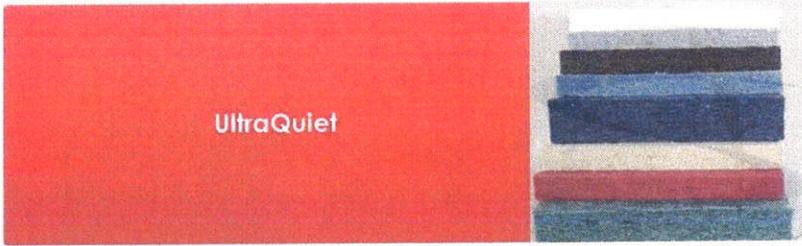
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You are here: Home > Acoustical Panels > UltraQuiet Cotton Panels



**UltraQuiet Acoustic Cotton Panels**

Reduce reverberation, improve sound quality, lower noise level

Echoes in a room raise the noise level making it difficult to understand what is being said. You probably have experienced this effect in a church, auditorium, gymnasium, conference room, telemarketing or open office space. There may be several contributors to the problem: voices, office equipment, computer fans, heating or ventilation equipment. Use of acoustic panels enhances the quality of the sound in the room as well as it improves the quality of life.

UltraQuiet Acoustic Cotton Panels offer an affordable, effective, and easy-to-install solution. You may install UltraQuiet Acoustic Cotton Panels on the walls, on cubicle partitions, or as ceiling tiles. They are Class A fire-rated, LEED (Leadership in Energy and Environmental Design) certified, safe for you and the environment.



**What is reverberation?**

Your voice and those of others in the room will carry over the air and eventually bounce from the walls, ceiling, floor, and other surfaces in the room. You may even have a printer, copier, or other sound sources that contribute to the noise. The sound will travel freely before reflecting from one of several rigid surfaces. The sum of the reflections are referred to as reverberation.

UltraQuiet Acoustic Cotton Panels are made from recycled cotton fibers compressed to form high density 2' x 4' sheets. SoundAway offers 1", 2", and 4" panels in multiple colors sold as single panels or in box quantities.

Also available in:

- UltraQuiet Cotton Baffles
- UltraQuiet Cotton 4x8' Sheets
- High Density Cotton Panels (6 lbs/cf)

**Performance**

UltraQuiet Panels: Sound Absorption (octave frequencies in Hz)

Product	Nominal Size	Density lbs/cf	Weight lbs/panel	125	250	500	1000	2000	4000	NRC
UltraQuiet 1"	2'x4'	3	2	0.08	0.31	0.79	1.01	1.00	0.99	0.80
UltraQuiet 2"	2'x4'	3	4	0.35	0.94	1.32	1.22	1.06	1.03	1.15
UltraQuiet 1"	2'x4'	6	4	0.07	0.30	1.10	1.10	1.05	1.03	0.85
UltraQuiet 4"	2' x 4'	3	8	0.97	1.37	1.23	1.05	1.00	1.01	1.15

[14 UltraQuiet Acoustic Cotton Panels 3#, 1" x 2' x 4', 112 square feet](#)

List Price \$448.00



You get **14 UltraQuiet Cotton Acoustic Panels** (3# density) per box each measuring **1" x 2' x 4'**. UltraQuiet panels are your choice for environmentally friendly, "Green" product that is LEED certified. UltraQuiet Cotton Acoustic Panels meet Class 1 fire-rating, excellent sound absorbers, and available in multiple colors to match your decor.

## Sound Control Insulation

# Thermafiber® SAFB™

(Sound Attenuation Fire Blankets)

- + Exceptional sound and noise absorption
- + Excellent Thermal Performance (R-value of 3.7 per inch!)
- + Adds STC value to wall and floor-ceiling assemblies
- + Provides life saving fire protection in rated assemblies
- + Fire resistant to temperatures above 2,000°F (1,093°C)
- + Conserves energy, reduces Greenhouse gas and carbon emissions
- + Mold Resistant



Thermafiber SAFBs, FireSpan™, and Safing insulation contributed to the energy conservation, fire protection, and life safety of the #7 World Trade Center building in New York City. Thermafiber insulation also contributed to the building's LEED® Gold Rating.



**LEED® Green Building Credits**

Energy & Atmosphere	Materials & Resources	Indoor Environmental Quality	Innovation in Design
1	2.1, 2.2 3.1, 3.2 4.1, 4.2 5.1, 5.2	3.1, 3.2 9	1

Up to **90%** Recycled Content

Contributes to 33 LEED credits across 4 categories.

**Thermafiber®**  
THE NAME IN MINERAL WOOL™



Thermafiber SAFBs are installed into an interior steel stud wall cavity.

# Thermafiber® SAFB™ (Sound Attenuation Fire Blankets)

## Description:

THERMAFIBER Sound Attenuation Fire Blankets (SAFB) are mineral wool batts designed to stop sound, conserve energy, and provide life saving fire protection. These products are noncombustible, moisture-resistant, noncorrosive, nondeteriorating, mildew-proof and vermin-proof. Thermafiber SAFBs provide acoustical control, thermal insulation, and fire protection in many different UL fire rated wall and floor-ceiling assemblies. SAFBs resist temperatures over 2000°F as compared to fiberglass insulation that melts around 1000°F. SAFBs add STCs to wall and floor-ceiling assemblies. See Thermafiber's SAFB Brochure (TF885) for more detail on STC and fire ratings for multiple wall and floor-ceiling assemblies.

## Product Options:

- Standard SAFB
  - Creased SAFB – Made 1" wider than standard stud spacing to bow in the stud cavity for increased sound absorption.
  - Recycled Content Options<sup>1</sup>:
    - Special "Green" Fiber ..... 90%
    - EPA Choice Fiber (US Government Buildings)..... 75%
    - Standard Fiber ..... 70%
- <sup>1</sup> Recycled content options other than standard must be specified at time of order.

## Installation:

- Interior Stud Cavity – Friction fit SAFBs securely between studs. Butt ends of blankets closely together and fill all voids.
- Creased SAFB – Bow the blankets slightly to fit into stud cavity. Slit the blankets vertically 1" deep with a utility knife.
- Floor-Ceiling – Friction fit SAFBs securely between floor joists.
- Ceiling Overlayment – Lay SAFBs over ceiling panels extending 48" beyond all partitions. Tightly fit around all hangers, obstructions, and penetrations.

## Standard Sizes:

	Thickness*	Widths**	Lengths**
SAFB 2.5 pcf	1-½" - 6"	16", 17", 24", 25"	48"
SAFB 4.0 pcf	1"	16", 17", 24", 25"	48"
Tolerances	+1/4" - 1/8"	±1/8"	±1/2"

\*Thicknesses are available in ½" increments. \*\*Custom sizes are available upon request.

## Technical Data:

Product Designation	Nominal Density	Tested to ASTM C 518		Tested to ASTM E 84	
		"k" @ 75° [24°C] BTU.in/hr.sq. ft. °F	"R" value per inch of thickness***	Unfaced	
				Flame Spread	Smoke Developed
SAFB	2.5 pcf	0.27	3.7	0	0
SAFB	4.0 pcf	0.24	4.2	0	0

\*\*\*R = thickness divided by 'k'

## Acoustical Performance:

	Thickness	Coefficients at Frequencies Per ASTM 423						
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
SAFB 2.5 pcf Density	2"	0.34	0.61	1.07	1.09	1.07	1.10	0.95
	3"	0.51	0.99	1.18	1.03	0.99	0.96	1.05
	4"	0.83	1.19	1.27	1.12	1.12	1.13	1.20
	6"	1.37	1.32	1.23	1.16	1.12	1.12	1.20

## Standards Compliance:

SAFB Insulation meets the following:  
**NFPA 101 Class A rated interior finish**  
**ASTM C 665 Type I, per Federal Specification HH-I-521F**  
**ASTM E 136 Rated Non-combustible per NFPA Standard 220**  
**ASTM C 1104 Absorbs less than 1% by volume**

SAFB products are approved by: New York City Board of Standards & Appeals – (under BSA 35-66-SM, 173-77-M, 249-74-SM, 34-66-SM, & accepted by MEA 207-82-M, Vol. 2)

## Thermafiber Insolutions™:

Thermafiber offers industry leading technical and engineering assistance to architects, specifiers, and contractors. These services include CAD drawings, engineering judgments, LEED Credit Information, and product recommendations. Contact our technical services department at 1-888-834-2371, or email [technicalservices@thermafiber.com](mailto:technicalservices@thermafiber.com).

## For Further Information:

For additional information about these or other Thermafiber products contact us at 1-888-834-2371 or visit our website [www.thermafiber.com](http://www.thermafiber.com).

## Notice:

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## Submittal Approvals:

Job Name	
Contractor	Date

