

Manhattan Community Board 4

All Fields Must Be Completed)

Liquor License Stipulations Application

APPLICANT Mangaroni LLC		DOING BUSINESS AS (DBA) El Coco			
STREET ADDRESS 197 7th Avenue		CROSS STREETS 21st Street			
OWNER	NAME:	Tarek ALAM	ATTORNEY		
	PHONE:	917-559-1917			
	FAX:	212-874-5609			
MANAGER	NAME:	Marco ORNETTI	LANDLORD		
	PHONE:	917-440-6140			
	FAX:	212-874-5609			
		NAME:	Rosa M Sanchez REPRESENTATIVE		
		PHONE:	646-619-1166		
		FAX:	646-365-8233		
		NAME:	Metro Management		
		PHONE:	718-706-7755		
		FAX:	212-874-5609		
DESCRIPTION OF BUSINESS					
Establishment Type:	<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				
Method of Operation:	<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				
License Type:	<input checked="" type="radio"/> On-Premise <input type="radio"/> Wine <input type="radio"/> Beer <input type="radio"/> Wine & Beer				
APPLICATION TYPE <i>(check one)</i>	<input checked="" type="radio"/> New	Has applicant owned or managed a similar business?	YES <input checked="" type="checkbox"/>	NO	
		What is/was the name of establishment?		See attached rider	
		What is/was the address of the establishment?			
		What were the dates the applicant was involved with this former premise?			
	<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?		YES	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>					

OPERATIONAL ISSUES										
HOURS		MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY		
	Operation	12noon-2am	12noon-2am	12noon-2am	12noon-2am	12noon-2am	11am-2am	11am-2am		
	Music	12noon-11pm	12noon-11pm	12noon-11pm	12noon-11pm	12noon-11pm	12noon-11pm	12noon-11pm		
	Kitchen	11am-1am	11am-1am	11am-1am	11am-1am	11am-1am	10am-1am	10am-1am		
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	
	60	45	15	30	1	0	0	12	6	
How many floors are there? What is the capacity for each floor? (please respond in space provided)					1-2	3-4	5+	Ground floor and basement		
Will you be applying or intending to apply for a cabaret license? If yes, will there be dancing? (please respond in space provided)					YES	NO	N/A			
Will applicant have bottle service?					YES	NO	N/A			
Will you be hosting private parties and promotional events?					YES	NO	N/A			
Will outside promoters be used?					YES	NO	N/A			
Will the security plan submitted be implemented?					YES	NO	N/A			
Will State certified security personnel be used?					YES	NO	N/A			
Will New York Nightlife Association recommendations and NYPD Best Practices be followed?					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	NO	N/A			
Will the applicant be applying for a Sidewalk Café now or in the future? (please respond in space provided)					YES	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	N/A	Will be submitted shortly		
Will applicant provide contact information to neighbors and respond to complaints that arise?					YES	NO	N/A			
Will you inform the Community Board office of your job openings and/or provide a hyperlink to your jobs webpage?					YES	NO	N/A			
If you plan to have music, what type(s)?			BACKGROUND	LIVE MUSIC	DJ					
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.					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?					YES	NO	N/A			
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.)					YES	NO	N/A			

OUTDOOR ITEMS			
Will applicant use the rooftop, rear yard or any outdoor space?	YES	NO <input checked="" type="checkbox"/>	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	N/A <input checked="" type="checkbox"/>
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	N/A <input checked="" type="checkbox"/>
The rear yard, rooftop, and any other outdoor space will not allow standing space for patrons to drink or smoke.	YES	NO	N/A <input checked="" type="checkbox"/>
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.).	YES	NO	N/A <input checked="" type="checkbox"/>
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.	YES	NO	N/A <input checked="" type="checkbox"/>
Applicant will have a lighting plan that will allow safe usage of the outdoor space without disrupting neighbors?	YES	NO	N/A <input checked="" type="checkbox"/>

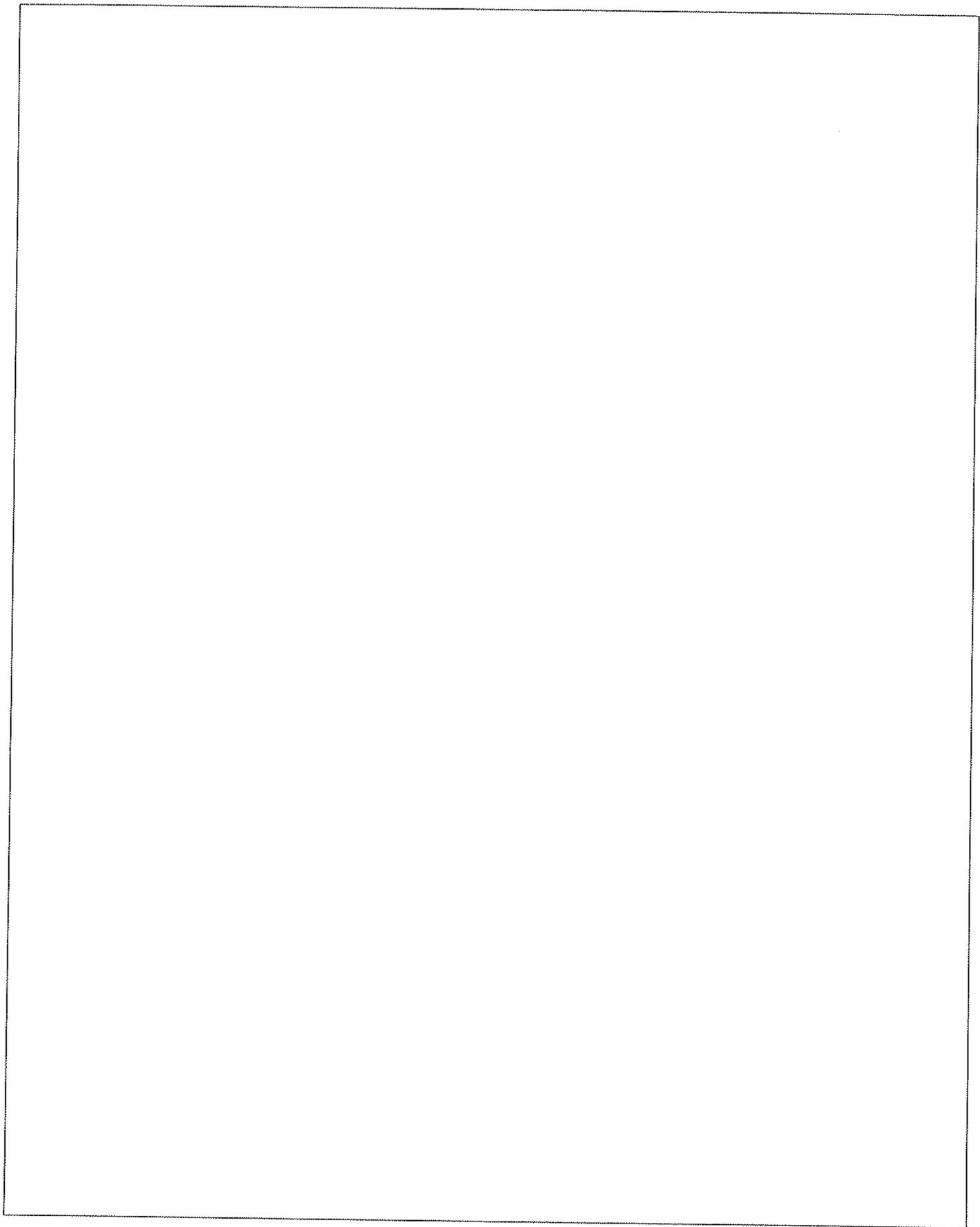
LOCATION & ZONING			
Primary Zoning District:	MDX	Overlay (If Applicable):	
Is this a Special District? If yes, is it Clinton, West Chelsea or Hudson Yards?	YES <input checked="" type="checkbox"/>	NO	N/A
Does the building have a Certificate of Occupancy ("C of O") or a letter of no objection?	YES	NO <input checked="" type="checkbox"/>	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.	YES <input checked="" type="checkbox"/>	NO	N/A
Is a Public Assembly permit required?	YES	NO <input checked="" type="checkbox"/>	N/A
Are your plans filed with DOB?	YES	NO	N/A <input checked="" type="checkbox"/>
Building Type	<input type="radio"/> Residential <input type="radio"/> Commercial <input checked="" type="checkbox"/> Mixed Use <input type="radio"/> Other, describe:		
Adjacent Buildings	<input type="radio"/> Residential <input type="radio"/> Commercial <input checked="" type="checkbox"/> Mixed Use <input type="radio"/> Other, describe: _____		
NOTIFICATION: What organizations / community groups have you notified regarding your application?	# 1	Pamela Wolf at pamelawolf@angel.net and William Borock	
	# 2	Dottie Francoure at dfranco243@earthlink.net	
	# 3	Pat Cooke at fcmgt@me.com Merle Lister at merle.levine@gmail.com	

ADDITIONAL INFORMATION: (Applicant Use)

ADDITIONAL NOTES: (Office Use Only)

ADDITIONAL STIPULATIONS: (Office Use Only)

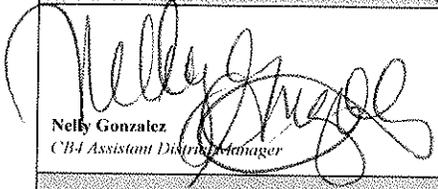
- Applicant will submit revised architectural drawings/plans by 7/8/14 BLP meeting (see attached)
- Applicant will provide proof of soundproofing prior to 7/23/14 (see attached)
- Applicant agrees all ventilation & exhaust system will comply with all rules & regulations of the Dept. of Buildings

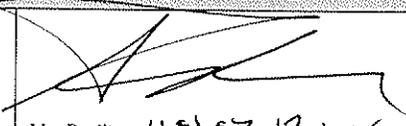


Manhattan Community Board 4 (MCB4) recommends:

- Denial unless all agreed to by applicant is part of the method of operation
 Denial Approval

CB4 REPRESENTATIVES


Nelly Gonzalez
CB4 Assistant District Manager

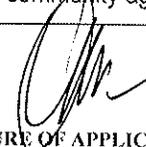

Lisa Doughton H-662031EC
CB4 BLP Committee Co-Chair


Paul Seres
CB4 BLP Committee Co-Chair

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.

SIGN HERE →


SIGNATURE OF APPLICANT

DATE

8/10/14

Rider to Personal Questionnaire for Tarek Alam

Active Licenses

1431 Restaurant Inc
d/b/a Zucchero E Pomodori
1435 2nd Avenue
New York, NY 10021
Serial #1026819

319 West 51st Street Rest Inc
d/b/a Maria Pia
319 West 51st Street
New York, NY 10019
Serial #1119055

Mangaroni LLC
d/b/a/ Bocca di Bacco
191 7th Avenue
New York, NY 10011
Serial #1140772

675 Ninth Avenue Corp
d/b/a Scarlatto
250 West 47th Street
Broadway & 8th Avenue
New York, NY 10036
Serial #1167358

LJ 202 LLC
d/b/a/ Bocca di Bacco
1496 2nd Avenue
New York, NY 10075
Serial #1250483

BACCO 828 9TH AVE CORP
828 9th Avenue
New York, New York
Serial#: 1195303

GALLO NERO W44TH INC
400 402 W 44TH ST
NEW YORK, NY 10036
Serial#: 1196151

Inactive Licenses

Midwest Tomato Inc
859-861 9th Avenue
New York, NY 10019
Serial #1026309

284 West 12th Street Associates Group
d/b/a/ Lime Jungle
741 9th Avenue
9th Avenue & 50th Street
New York, NY 10019
Serial #1162242

77 Greenwich Ave Lime Jungle Inc
77 Greenwich Avenue
7th Ave & Bank Street
New York, NY 10014
Serial #1219798

Park Deli Inc
d/b/a Enzo Gastronomia
444 Park Ave South
New York, NY 10016
Serial#1244248

Park Deli Inc
444 Park Ave South
New York, NY 10016
Serial #1248312

500 Foot Statement

Mangaroni LLC

The granting of this license is in the public interest because the premises will be operated by an experienced Restaurateur with no adverse history.

The restaurant will create new employment opportunities as well as tax revenue for the City.

Mangaroni LLC will be offering Mexican Fare including Quesadillas, Tacos and Burritos at very reasonable prices, which is currently not offered in the area.

The applicant will apply for all necessary licenses, permits and certifications including but not limited to a Department of Health and Mental Hygiene permit, a Fire Department inspection and a Certificate of Authority to Collect Sales tax, together with Worker's Compensation Insurance and Disability Insurance.

There will be no effect on parking or vehicular traffic near the location. The premise is easily accessible by mass transit as it is surrounded by Subway stations.

Mangaroni LLC will operate as a Family friendly establishment.

As such approval of this application and issuance of an On-Premises Liquor License will promote public interest and provide the Community with affordable Mexican cuisine.

EL COCO MEXICAN GRILL
 197 9th Avenue.
 New York, NY 10011

212 243 1212



APPETIZERS

- Corn on the Cob \$3.25
(Buttered with cotija cheese)
- Chips and Salsa \$3.49
(Fresh, hot chips with pico de galla)
- Chips & Homemade Guacamole \$6.50
Hot corn chips w/our homemade guacamole)
- Nachos \$6.95
(Fresh hot tostadas, beans, sour cream, jalapenos, pico de galla
(Fresh hot tostadas, beans, sour cream, jalapenos, pico de galla
corn tostadas, smothered w/melted jack & cheddar cheese)
seasoned ground beef \$1.99
- Ceviche del Pacifico \$7.95
(Red snapper, clams, shrimp in a spicy tomato sauce, served with
corn chips)
- Extreme Fajita Nachos \$9.95
(Charbroiled chicken, grilled onions & bell peppers served on hot
corn tostadas, smothered w/melted jack & cheddar cheese,
jalapenos, pico de galla salsa & sour cream) add steak \$1.99
- Home-style Queso Dip \$4.95
(Hot, cheese dip served w/ side of fresh corn chips) add Chili \$1
- Hell's Kitchen Jalapenos \$4.49
(Fried golden brown spicy jalapenos stuffed with cheddar w/ side
of creamy cilantro)

TACOS

- Original Taco \$3.49
Soft flour tortilla or crispy corn taco shell with your choice of
seasoned shredded chicken or seasoned ground beef, chopped
onion, tomatoes, shredded lettuce, jack & cheddar cheese & sour
cream / Sub steak 99¢ each
 - El Dorado Taco \$3.75
A soft flour tortilla spread with beans, wrapped around a crispy soft
taco shell, stuffed with your choice of seasoned shredded chicken
or seasoned ground beef, jack & cheddar cheese, shredded lettuce,
sour cream, chopped onions
& tomatoes / Sub steak 99¢ each
 - Veggie Taco \$3.75
Soft flour tortilla or crispy corn taco shell, vegetarian beans, jack
and cheddar cheese, guacamole, grilled peppers and onions,
tomatoes, lettuce and sour cream
 - Short Rib Taco \$4.45
Soft flour tortilla or crispy corn taco shell with slow cooked beef
short ribs, cheddar cheese, chopped onions & tomatoes
 - Shrimp \$4.75
Soft flour tortilla or crispy corn taco shell filled w/shrimp, chopped
onion, tomatoes, shredded lettuce, jack & cheddar cheese & sour
cream
- Substitutions: whole wheat tortilla \$1, low fat cheese \$.50, brown
rice \$1,
avocado \$1, mole sauce \$1, fresh jalapeno \$1, corn tortilla \$1.

BURRITOS

Burritos are served with fresh corn chips and your choice of
seasoned shredded chicken or seasoned ground beef
Substitute slow-cooked short rib \$3.00 shrimp \$3.00 steak \$3.00

- 9th Ave Burrito \$8.50
A flour tortilla stuffed with your choice of seasoned shredded
chicken or seasoned ground beef, beans, shredded jack and
cheddar cheese, sour cream and fresh lettuce
- Slim \$8.50
A whole wheat tortilla with your choice of seasoned shredded
chicken or seasoned ground beef, lower fat jack & cheddar cheese,
fat-free beans & fresh lettuce
- El Grande \$8.99
A great flour tortilla stuffed with rice, your choice of seasoned
shredded chicken or seasoned ground beef, beans, jack and
cheddar cheese and sour cream
- Fajita Style \$8.50
A flour tortilla stuffed with your choice of seasoned shredded
chicken or seasoned ground beef, beans, sauteed onions, peppers,
shredded jack, cheddar cheese & sour cream
- The Vegetarian \$8.50
A flour tortilla stuffed w/rice, vegetarian beans, guacamole, sauteed
onions and peppers, shredded jack and cheddar cheese and sour
cream
- The East LA. \$8.99
A low carb tortilla stuffed w/your choice of grilled chicken or
seasoned ground beef, lower fat jack and cheddar cheese, pico de
galla salsa and fresh lettuce
- The Mole \$8.99
A flour tortilla stuffed w/rice, your choice of seasoned shredded
chicken or seasoned ground beef, shredded jack & cheddar cheese,
sour cream and our rich and slightly spicy Mole sauce

QUESADILLAS

- Served with fresh corn chips and your choice of seasoned shred-
ded chicken or seasoned ground beef
Substitute Steak \$2.00 / Shrimp \$3.00
- El Classico Quesadilla \$8.50
Your choice of seasoned shredded chicken or seasoned ground
beef, melted jack and cheddar cheese and beans served with shred-
ded lettuce, sour cream and pico de galla salsa
 - Fajita Quesadilla \$9.00
Your choice of seasoned shredded chicken or seasoned ground
beef, sauteed onions, peppers, melted jack and cheddar cheese
served with lettuce, sour cream and pico de galla salsa
 - Veggie Quesadilla \$9.00
Melted jack and cheddar cheese, vegetarian beans, grilled peppers
and onions. Served with guacamole, lettuce, sour cream and pico
de galla salsa
 - Lean Mean Quesadilla \$9.00
A whole wheat tortilla with your choice of seasoned shredded
chicken or seasoned ground beef, lower fat jack & cheddar cheese
and beans served with lettuce, sour cream and pico de galla salsa

EL COCO MEXICAN GRILL
 197 9th Avenue.
 New York, NY 10011



212 243 1212

SALADS • SOUPS

El Gatto Salad	\$6.50
grilled com, avocado, cherry tomato honey lime dressing	
Alba Salad	\$6.75
Avocado, tomato, iceberg lettuce w/shredded cheddar or jack, citrus & cilantro dressing. Add chicken \$2.00 Add steak \$3.00	
Santa Anna Salad	\$7.50
Marinated grilled chicken on a bed of fresh greens piled high w/bacon bits, com, beans, tomatoes, carrots & a side of chipotle-honey lime dressing topped w/crispy tortilla strips	
Taco Pico Salad	\$9.95
Seasoned ground beef on a bed of mixed green, beans, corn guacamole, sour cream, carrots, shredded jack and cheddar cheese and pico de gallo salsa. Served with tortilla strips and a side of spicy ranch dressing	
Fajita Salad	\$9.50
Grilled steak on a bed of mixed greens topped with crisp bacon, beans, corn, onions, bell peppers, shredded jack and cheddar cheese and pico de gallo salsa. Served with a side of our creamy cilantro dressing	
Baja Caesar	\$8.50
Grilled chicken breast on a bed of fresh greens, topped with tomatoes, cheese and crispy tortilla strips, served with jalapeno caesar dressing	
Black Bean Soup	Cup \$3.50 Bowl \$4.50
Tortilla Soup	Cup \$3.95 Bowl \$5.50
Seasoned with chicken & fresh vegetables topped w/tortilla strips, cheese & pico de gallo	
Alamo Chill	Cup \$4.50 Bowl \$5.50
Lean ground beef, Mexican beer, beans, fresh tomatoes, onions and a touch of hot spice!	

SPECIAL DISHES

Yucatan Chicken	
Yucatan Style Roasted Chicken	Whole \$8.95 / Half \$4.95
With rice and beans add \$3 small & add \$5 large	
Arroz Con Pollo	\$9.95
(Shredded chicken, peas, carrots in spicy fresh seasoning over yellow rice)	
Fajitas	\$11.95
A platter of marinated charbroiled chicken w/grilled onions and peppers, lettuce, cheddar, sour cream & pico de gallo salsa served w/hot flour tortillas	
Add guacamole 99¢ • steak \$2.00	
Jungle Burger	\$8.50
Jalapeno, Monterrey jack cheese, guacamole, red onion, tomato and lettuce served with corn chips	

EMPANADAS

Beef Fried or Oven Baked	\$2.50
Chicken Fried or Oven Baked	\$2.50
Vegetable Fried or oven Baked	\$2.50
Cheese	\$2.50
Ham & Cheese	\$2.50
Hawaiian (Ham, Cheese & Pineapple)	\$2.50
Shredded Pork (Pernil)	\$2.50
Italian Sausage	\$2.50
Cuban (Ham, Pork & Cheese)	\$2.50
Polish (Kielbasa sauteed with sauerkraut)	\$2.50
Marna Alba (Ground Beef, Eggs & Rice)	\$2.50
Vlagra (Shrimp, Crab meat & Scallops)	\$2.75

DESSERTS

Caramel Ran	\$3.95
Rice Pudding	\$3.75

DESSERT EMPANADAS

Caramel & Cheese	\$3.00
Guava & Cheese	\$3.00
USA. (Apple & Cinnamon)	\$3.00

DRINKS

Sangria & Margaritas

Sangria	\$6.00
Margarita	\$7.00
Ume • Strawberry • Passion Fruit • Pomegranate • Mango	
Organic Margarita	\$9.00
Mojito	\$7.00
Daquiris Banana, Strawberry or kiwi	\$9.00

ICE COLD BEER \$5.00

Modelo Especial • Negro Modelo • Tecate • Corona • Corona Light
 Dos Equis • Pacifico • Peak Organic

ORGANIC WINES \$7.00

Organic Chardonnay • Sauvignon Blanc • Organic Cabernet Sauvignon
 Organic Merlot • Hot M. Red Wine • Malbec

Cold Drinks \$2.50

Coke • Diet Coke • Sprite	
Ginger Ale • Bottled Water • Snapple	
Hubert's Original Lemonade	\$3.00
honest Ice Tea...	\$3.00
Vitacoco pure coconut water	\$3.50
Lakewood Organic Aloe water	\$4.00
Jarritos soda	\$4.00

SMOOTHIES

Strawberry, banana, (OJ)	\$5.00
Wild berries, (OJ) • Mango, banana (OJ)	\$6.00
Pineapple kiwi apple juice	
Mango, pineapple banana (OJ)	\$6.50

1-001-00 COVER SHEET
FIRST FLOOR PROGRESS

HEIGHTS

FIRST FLOOR AREA

EATING & DRINKING ESTABLISHMENT
UG-6 OCC-F-4

TENANT PROTECTION PLANS 2008 CODE

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2008 INTERNATIONAL BUILDING CODE (IBC) AND THE 2008 INTERNATIONAL FIRE AND SAFETY CODE (IFSC).

2. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2008 INTERNATIONAL MECHANICAL AND PLUMBING CODE (IMC) AND THE 2008 INTERNATIONAL PLUMBING AND MECHANICAL CODE (IPMC).

3. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2008 INTERNATIONAL ELECTRICAL CODE (IEC) AND THE 2008 INTERNATIONAL WIRE AND CABLE CODE (IWCC).

4. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2008 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) AND THE 2008 INTERNATIONAL ENERGY EFFICIENCY CODE (IEEFC).

5. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2008 INTERNATIONAL SMOKE AND ALARM CODE (ISAC) AND THE 2008 INTERNATIONAL SMOKE AND ALARM CODE (ISAC).

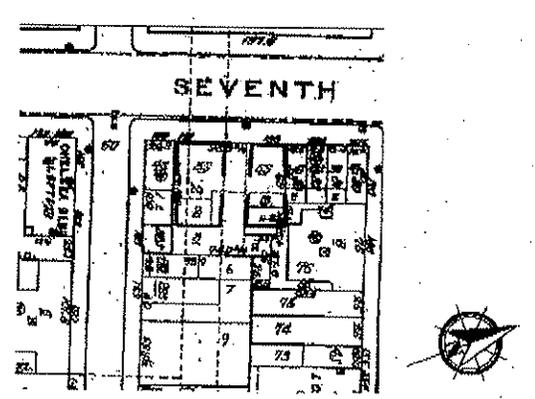
6. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2008 INTERNATIONAL SAFETY CODE (ISC) AND THE 2008 INTERNATIONAL SAFETY CODE (ISC).

7. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2008 INTERNATIONAL SECURITY CODE (ISC) AND THE 2008 INTERNATIONAL SECURITY CODE (ISC).

8. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2008 INTERNATIONAL SOUND AND VIBRATION CODE (ISVC) AND THE 2008 INTERNATIONAL SOUND AND VIBRATION CODE (ISVC).

9. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2008 INTERNATIONAL TRANSPORTATION CODE (ITC) AND THE 2008 INTERNATIONAL TRANSPORTATION CODE (ITC).

10. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2008 INTERNATIONAL TRAVEL CODE (ITC) AND THE 2008 INTERNATIONAL TRAVEL CODE (ITC).



TENANT SAFETY NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2008 INTERNATIONAL BUILDING CODE (IBC) AND THE 2008 INTERNATIONAL FIRE AND SAFETY CODE (IFSC).

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4. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2008 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) AND THE 2008 INTERNATIONAL ENERGY EFFICIENCY CODE (IEEFC).

5. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2008 INTERNATIONAL SMOKE AND ALARM CODE (ISAC) AND THE 2008 INTERNATIONAL SMOKE AND ALARM CODE (ISAC).

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10. ALL WORK SHALL BE IN ACCORDANCE WITH THE 2008 INTERNATIONAL TRAVEL CODE (ITC) AND THE 2008 INTERNATIONAL TRAVEL CODE (ITC).

LEGEND	SYMBOLS	DESCRIPTION
1	[Symbol]	1.000
2	[Symbol]	2.000
3	[Symbol]	3.000
4	[Symbol]	4.000
5	[Symbol]	5.000
6	[Symbol]	6.000
7	[Symbol]	7.000
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48	[Symbol]	48.000
49	[Symbol]	49.000
50	[Symbol]	50.000

SECTION	DESCRIPTION	DATE
GENERAL NOTES	GENERAL NOTES	
SECTION 0500 - METALS	SECTION 0500 - METALS	
SECTION 0600 - WOOD, PLASTER AND Gypsum	SECTION 0600 - WOOD, PLASTER AND Gypsum	
SECTION 0700 - THERMAL AND MOISTURE PROTECTION	SECTION 0700 - THERMAL AND MOISTURE PROTECTION	
SECTION 0800 - OPENINGS	SECTION 0800 - OPENINGS	
SECTION 0900 - FINISHES	SECTION 0900 - FINISHES	
SECTION 1000 - SPECIALTIES	SECTION 1000 - SPECIALTIES	
SECTION 1100 - PARTITIONS	SECTION 1100 - PARTITIONS	
SECTION 1200 - MASONRY	SECTION 1200 - MASONRY	
SECTION 1300 - CONCRETE	SECTION 1300 - CONCRETE	
SECTION 1400 - STRUCTURAL STEEL	SECTION 1400 - STRUCTURAL STEEL	
SECTION 1500 - MECHANICAL	SECTION 1500 - MECHANICAL	
SECTION 1600 - ELECTRICAL	SECTION 1600 - ELECTRICAL	
SECTION 1700 - TELECOMMUNICATIONS	SECTION 1700 - TELECOMMUNICATIONS	
SECTION 1800 - SECURITY	SECTION 1800 - SECURITY	
SECTION 1900 - FURNITURE, FIXTURES AND EQUIPMENT	SECTION 1900 - FURNITURE, FIXTURES AND EQUIPMENT	
SECTION 2000 - SPECIALTIES	SECTION 2000 - SPECIALTIES	

APPROVED FOR CONSTRUCTION:

DATE: 06/09/2014

PROJECT: EATING & DRINKING ESTABLISHMENT

LOCATION: SEVENTH

OWNER: [Name]

DESIGNER: [Name]

CONTRACTOR: [Name]

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

DATE: 06/09/2014

Proximity Report for Location:

May 30, 2014

197 7TH AVE, New York, 10011

* 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
CHELSEA WINE CELLAR INC	200 W 21ST STREET	135 ft
LANDMARK WINE & SPIRITS INC	167 W 23RD STREET	540 ft
TRIMMINGS WINE LLC	111 W 20TH ST	830 ft
FORAGERS WINES CHELSEA LLC	231 8TH AVE	905 ft
SUEBOB LIQUOR INC	312 W 23RD STREET	1060 ft
GOURMET BAY INC	745 6TH AVE	1220 ft
BURGUNDY WINE COMPANY LTD	143 W 26TH STREET	1335 ft

Churches within 500 Feet

Name	Approx. Distance
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Schools within 500 Feet

Name	Address	Approx. Distance
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On-Premise Licenses within 750 Feet

Name	Address	Approx. Distance
TERRA MIA ENTERPRISES INC	190 7TH AVE	60 ft
MANGARONI LLC	191 7TH AVENUE	85 ft
FILLIP'S CATERING INC	200 202 7TH AVE	95 ft
SEVENTH AVENUE TOMATO INC	209 7TH AVENUE	150 ft
SYS CHELSEA INC	206 7TH AVE	220 ft
TH PLUS INC	208 7TH AVE	245 ft
FT SEVENTH AVE LLC	176 7TH AVENUE	265 ft
MESTRE INC	172 7TH AVENUE	320 ft
ZAGARA RESTAURANTS LLC	216 7TH AVE	340 ft
BALLYMONEY NEW YORK INC	206 WEST 23RD STREET	410 ft
CMR COMEDY LLC	208 W 23RD ST STORE 1	415 ft
SEKI INC	208 W 23RD ST	435 ft
RAMCAS REST INC	226 W 23RD STREET	475 ft
160 BISTRO INC	160 7TH AVE	480 ft
156 SEVENTH AVENUE GROUP LLC	156 7TH AVENUE	535 ft
SOOKYING CORP	165 W 23RD ST	550 ft
GODZILLA JAPANESE REST INC	158 W 23RD STREET	550 ft
161 WEST BAR LLC	161 W 23RD STREET	570 ft

Name	Address	Approx. Distance
BILBOA REST CORP	159 W 23RD STREET	580 ft
PETER MCMANUS CAFE INC	152 7TH AVE	595 ft
254 WEST 23RD ST REST CORP	254 W 23RD STREET	635 ft
223 WEST CORP	223 W 19TH ST	640 ft
BARRACUDA LOUNGE INC	275 W 22ND STREET	685 ft

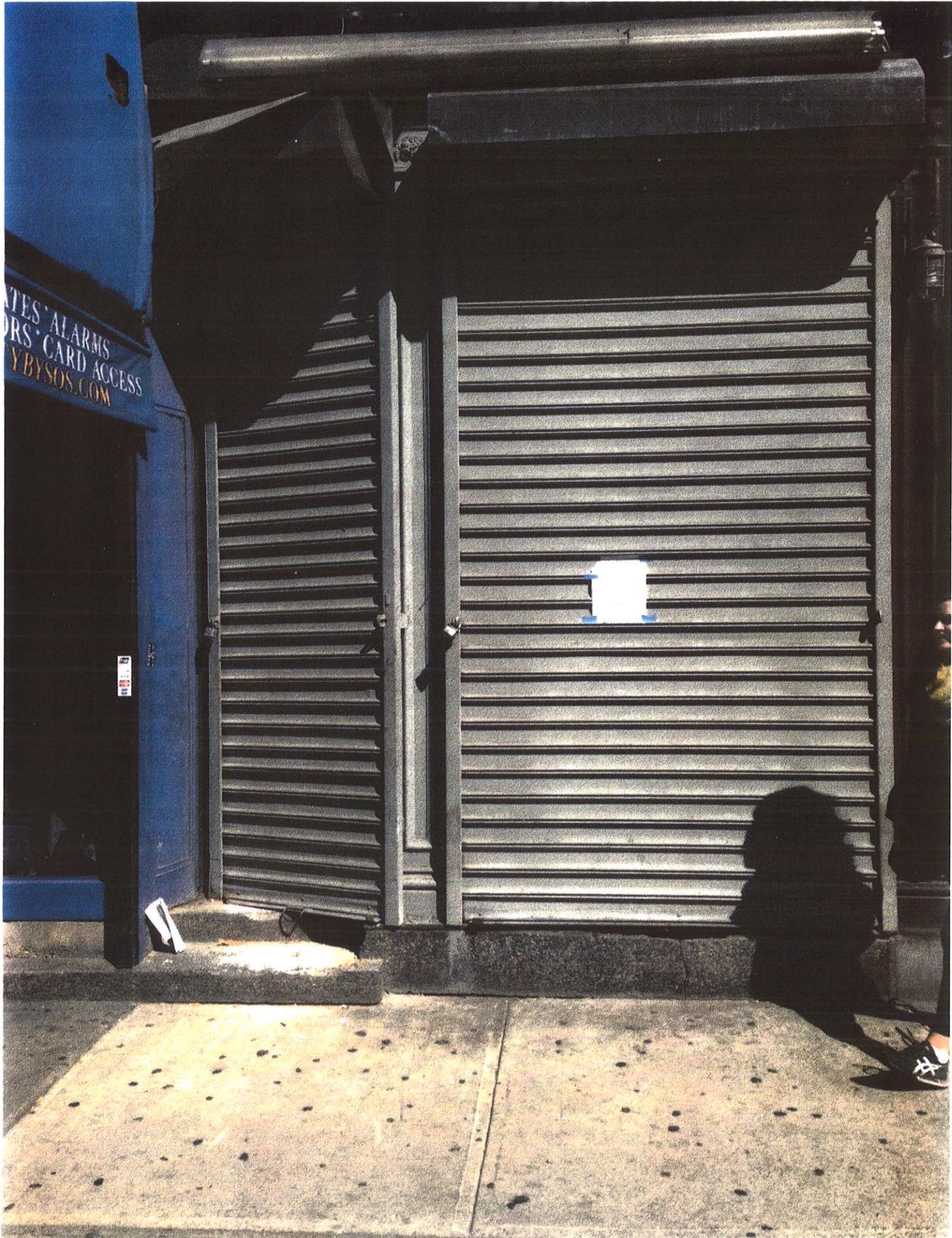
Pending Licenses within 750 Feet

Name	Address	Approx. Distance
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Unmapped licenses within zipcode of report location

Name	Address
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ATES ALARMS
RS CARD ACCESS
YBYSOS.COM



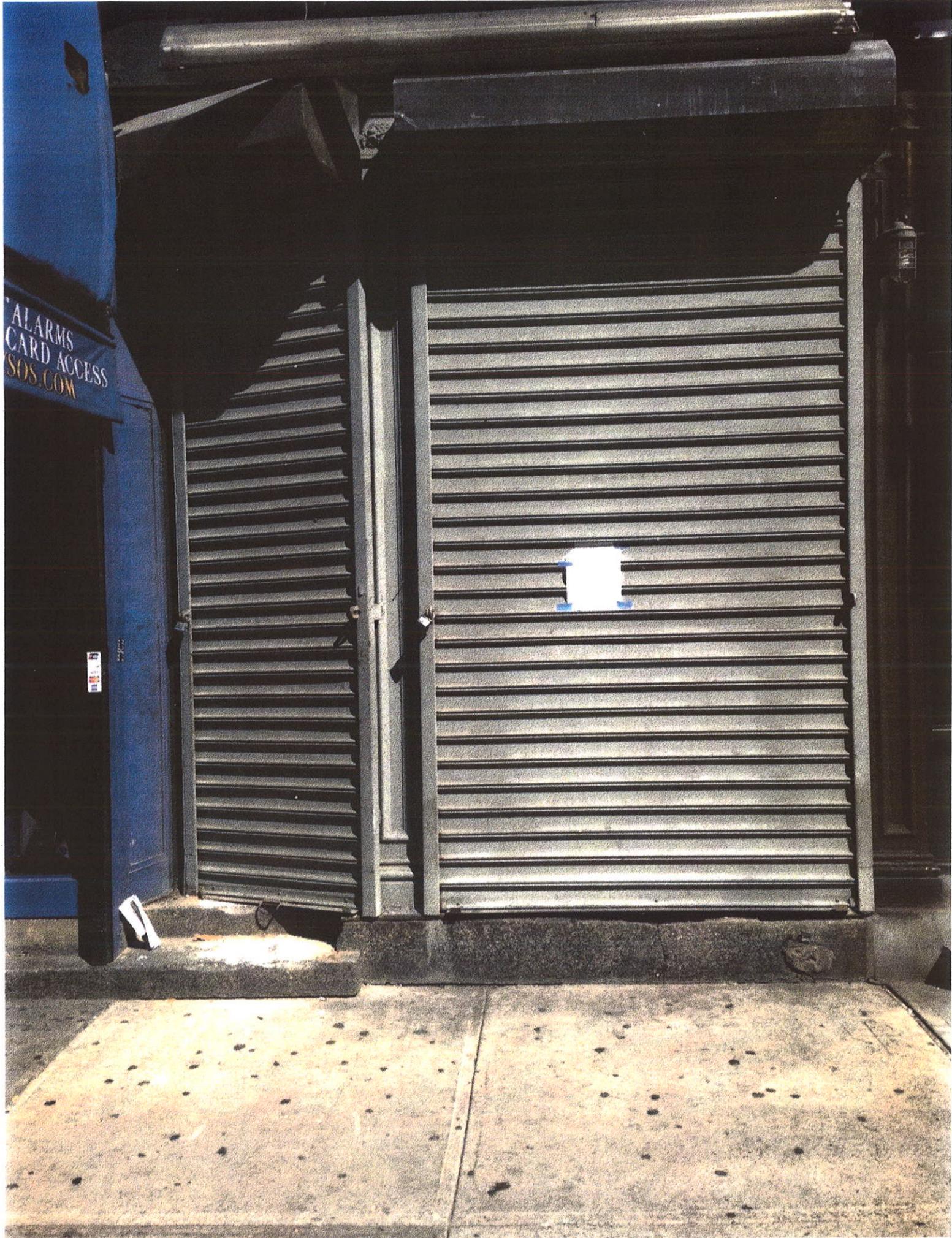




EXIT

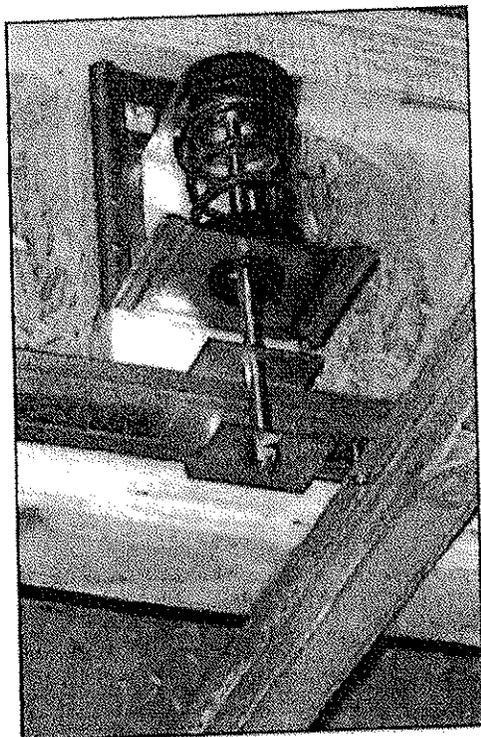


ALARMS
CARD ACCESS
SOS.COM



Wood-Framed Ceiling Hanger

Model ICW



Benefits

- Maximum natural frequency of 4.4 Hz under lightest typical load conditions.
- STC 76, IIC 62 with Model ICW attached to 2" x 10" joists and suspending two (2) layers of gypsum board with 3-1/2" fiberglass batt in airspace.
- Multiple features incorporated into the design ensure inexpensive installation.
- Spring/neoprene cup combination improves performance against low-frequency noise.
- Actual installed load can vary between 75% and 150% of rated load without significant impact to ceiling performance.

Application

Secured to wood-frame construction (e.g., joists, trusses), Model ICW incorporates a one-inch (1") rated deflection spring in series with a neoprene cup to resiliently support one or more layers of gypsum board. The unique design of the Model ICW bracket allows the isolator to be installed on the joists to optimize ceiling height. A channel clip leveling rod assembly is designed to carry a single piece of 1-1/2" x 1/2" 16-gage steel carrying channel. Drywall furring channel is attached to the carrying channel. The system provides the installer with a means for leveling the isolated ceiling framing. Conventional gypsum board attachment thanks to a preload spacer that holds the isolator rigid until the weight of the gypsum board compresses the spring. Incorporate Model ICW into any isolated ceiling design where one-inch (1") rated spring deflection and minimal reduction in ceiling height are needed for superior performance coupled with low-profile design.

UL Fire Rated Assemblies

Design No. L521

Floor/Ceiling Assembly using parallel chord wood trusses. See Item 6C in listing.

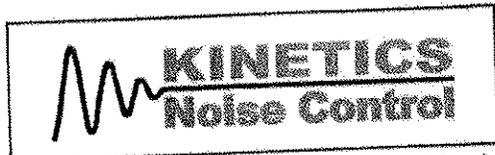
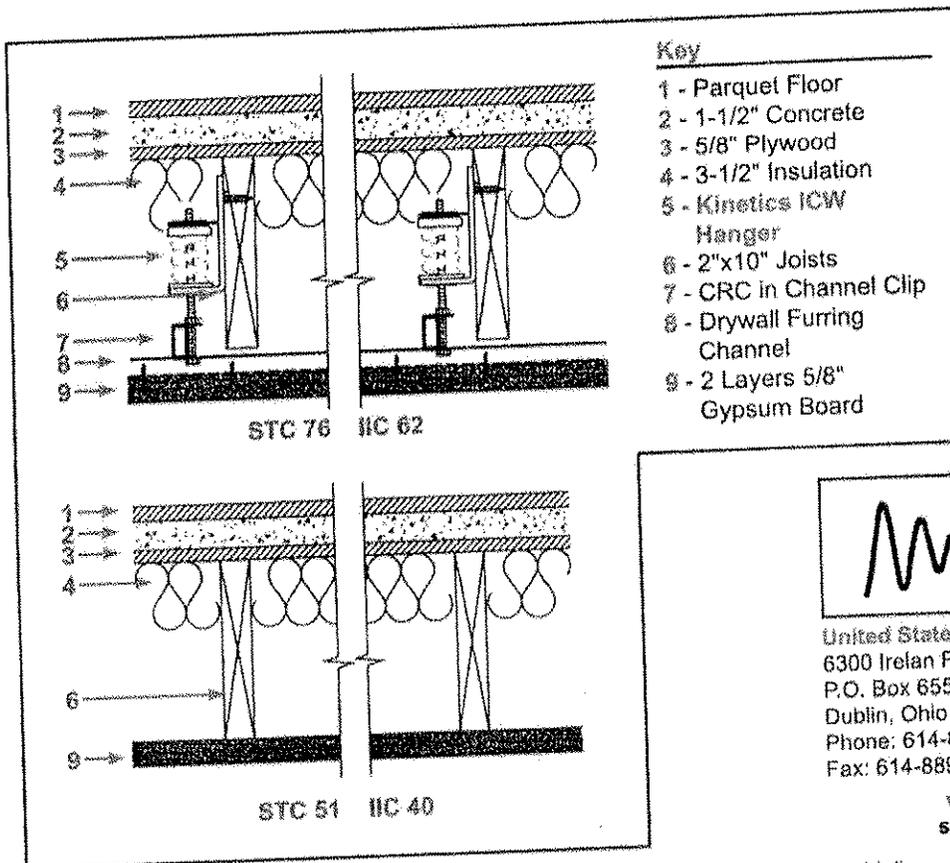
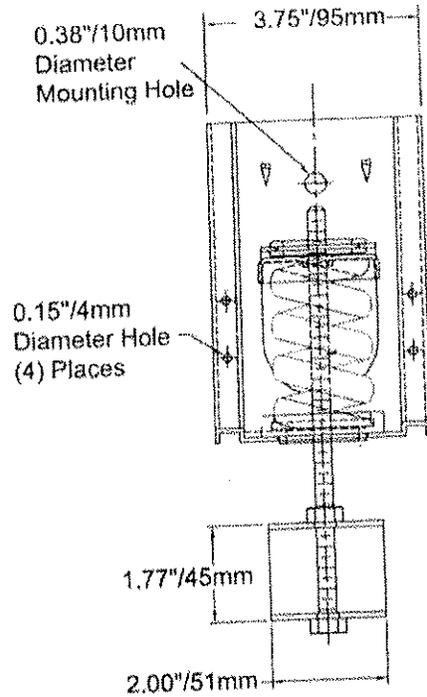
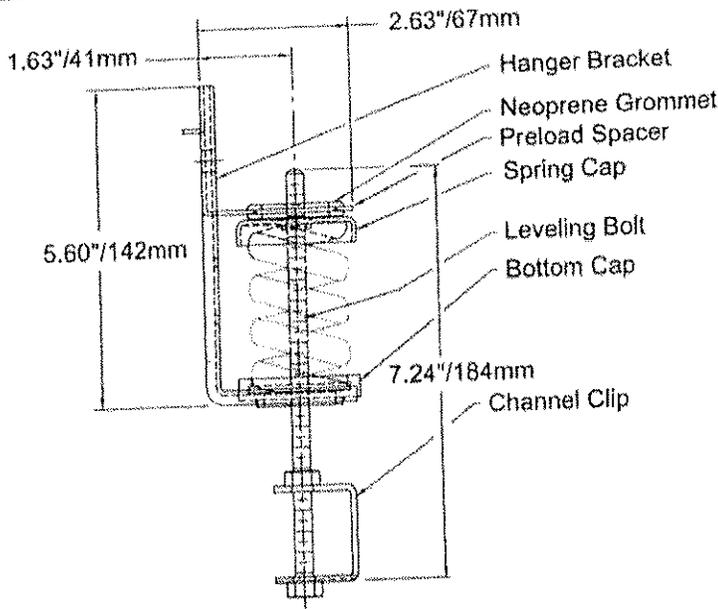
Design No. L581

Floor/Ceiling Assembly using various structural wood and wood/steel members. See Item 6 in listing. Design L581 allows for substitutions of many joist types. See the complete certification of details.

Design No. P522

Roof/Ceiling Assembly using either pitched or parallel chord wood trusses. See Item 6B in listing.

Wood-Frame Ceiling Hanger - Kinetics Model ICW



United States
6300 Irelan Place
P.O. Box 655
Dublin, Ohio 43017
Phone: 614-889-0480
Fax: 614-889-0540

Canada
3570 Nashua Drive
Mississauga, Ontario
L4V 1L2
Phone: 905-670-4922
Fax: 905-670-1698

www.kineticsnoise.com
sales@kineticsnoise.com

Download Model IsoMax information including three-part specification, installation guidelines, and typical installation drawings at www.kineticsnoise.com/arch/iso-max. Call the factory at 800-959-1229 if needing additional information; ask for Architectural sales. Purchase Model IsoMax and accessories through your local sales representative (www.kineticsnoise.com/arch/rep/).

Kinetics Noise Control, Inc. is continually upgrading the quality of our products. We reserve the right to make changes to this and all products without notice.

Model ICW Wood-Frame Ceiling Hanger

Specification

Part 1 – General

1.01 Work Included

- A. Furnish all labor, materials, tools and equipment, and perform all operations necessary for the installation of resiliently suspended ceilings shown on contract drawings.

1.02 System Description

- A. Resiliently suspended gypsum ceilings, where shown on drawings, shall be isolated from the building structure in order to increase their ability to reduce airborne sound and impact noise transmission.

1.03 Quality Assurance

- A. The resilient isolation hangers and perimeter isolation material shall be designed and fabricated at the facilities of a nationally recognized manufacturer having a minimum of five years experience in furnishing similar materials.

1.04 Submittals

- A. Product performance data shall be submitted to the designer for review and shall include an Airborne Sound Transmission Loss Test Report and an Impact Sound Transmission Loss Test Report for measurements conducted in accordance with ASTM E90-90 and ASTM E492-90, respectively. Test reports shall document a minimum STC 76 and IIC 62 for a resiliently suspended ceiling attached below a composite construction floor consisting of parquet flooring over 1-1/2" thick concrete which rests on 3/4" plywood sheathing attached to 2" x 10" wood joists spaced 16" o.c. The ceiling is constructed of two layers of 5/8" thick gypsum board with 3-1/2" thick glass fiber batt in the cavity between the layer of sheathing and the top layer of gypsum board. Sound and impact test reports shall be from an independent laboratory.

Part 2 – Products

2.01 Materials

- A. The sound isolation materials specified herein shall be designed and manufactured by Kinetics Noise Control, Inc. Dublin, Ohio.

- B. Ceilings suspended from wood-framed composite construction where the hanger can be attached to a wood joist shall be supported by resilient isolation hangers Model ICW. Resilient hangers shall have sufficient capacity to sustain continuously applied ceiling weight without settling after initial deflection.
- C. The isolation hanger shall be a combination high-deflection steel spring in series with a resilient, molded neoprene noise and vibration isolation pad. The steel spring and neoprene pad shall be incorporated into a stamped steel hanger assembly that resiliently supports the isolated ceiling.
- D. The hanger assembly bracket shall be designed to allow fifteen (15) degrees of vertical alignment of the suspension member without making metal-to-metal contact between the suspension and hanger assembly members. The hanger bracket shall be designed with an integral spring pre-load bracket selected to minimize change in elevation once a load is applied to the hanger and to hold the isolator assembly steady during attachment of gypsum board. The hanger assembly bracket shall consist of a leveling rod with an attached channel carrier designed to accept 1-1/2" x 1/2", 16-gauge cold-rolled steel. The isolation hanger deflection shall be selected by the manufacturer to provide a maximum natural frequency of 4.4 Hz. The steel spring element shall have a minimum Kx to Ky of 1 at its 1" rated deflection.
- E. Resiliently suspended ceilings shall be separated where non-isolated building components abut. Isolation material shall be 3/8" thick Model SRP perimeter isolation board. Model SRP shall not be penetrated by nail, screw, or similar fastener. Model SRP shall be adhered to non-isolated structure. Resiliently-suspended ceiling shall be constructed against Model SRP. Model SRP shall be sealed using resilient, non-hardening caulk.

Part 3 – Execution

3.01 Installation

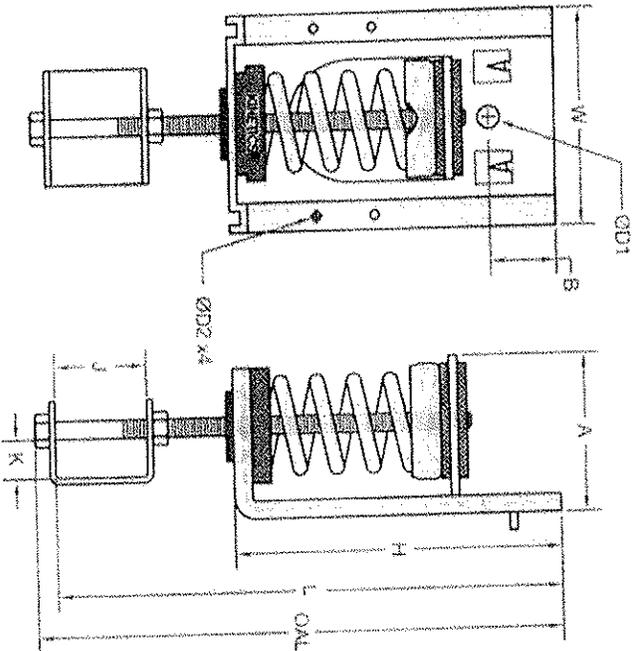
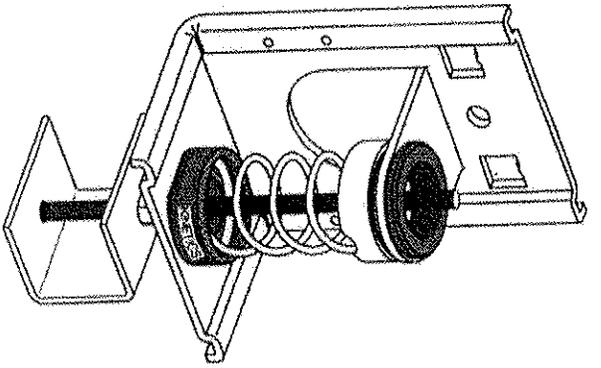
- A. The installation of all sound isolation materials specified herein, including those installed under other sections of the specifications, shall be in accordance with procedures submitted by the isolation material manufacturer, and approved by the Architect.
- B. All building components supported by the isolation hangers shall be free from rigid contact with any part of the non-isolated building structure to prevent unwanted sound flanking.

ICW 1" DEFLECTION ISOLATION HANGERS

(P UNITS (INCHES AND POUNDS))

TYPE	A	B	D1	D2	H	K	L	OAL	W
24/210	2.63	1.13	0.36	0.18	5.60	0.58	8.05	9.00	3.75

STANDARD RATING				SPRING COIL			
TYPE	SIZE	LOAD	DEFL.	COLOR	FREE HT.	O.D.	
ICW	24	24.0	1.0	BLUE	3.19	1.75	
ICW	37	37.0	1.0	WHITE	3.19	1.75	
ICW	50	50.0	1.0	GREEN	3.19	1.75	
ICW	75	75.0	1.0	BLACK	3.19	1.75	
ICW	100	100.0	1.0	GRAY	3.19	1.75	
ICW	150	150.0	1.0	RED	3.19	1.75	
ICW	210	210.0	1.0	BROWN	3.19	1.75	



- SPECIFICATIONS:**
- SPRING ELEMENTS ARE POWDER COATED.
 - ISOLATOR BRACKETS ARE ELECTRO GALVANIZED.
 - ALL HARDWARE IS BRIGHT ZINC PLATED.
 - ISOLATION HANGERS HAVE A TYPICAL OVERLOAD OF 50%.
 - ISOLATION HANGERS HAVE A MINIMUM KIKO RATIO OF 1.0.
 - SPRING ELEMENTS ARE SAFE AT SOLID LOADING.
 - HANGER BRACKETS WILL CARRY 50 TIMES OVERLOAD WITHOUT FAILURE.
 - HANGER BRACKETS WILL ALLOW 30° ROD MISALIGNMENT WITHOUT SHORT CIRCUITING.
 - ISOLATION HANGERS HAVE A NEOPRENE BOTTOM SPRING CUP.

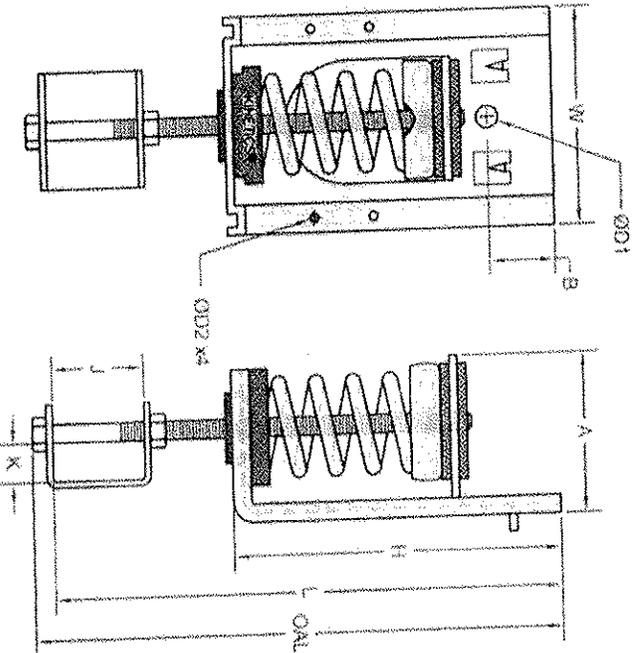
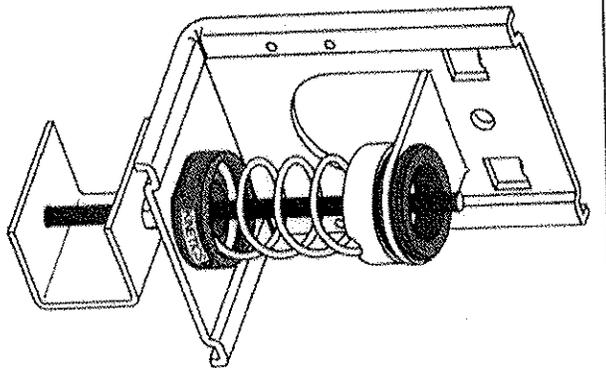
	Member 	KINETICS NOISE CONTROL, INC. 6300 IRELAN PL. DUBLIN, OH 43017 USA Ph: 614 889-0480, Fax: 614 889-0540 www.kineticsnoise.com	Model:	By:	Drawing No: S-03.50-11
			ICW-24/210	BB	
Date: 09/27/05		Revised: 01/12/11/BB		Date: 09/27/05	

ICW 25mm DEFLECTION ISOLATION HANGERS

SI UNITS (mm AND KG)

TYPE	A	B	D1	D2	H	K	L	OAL	W
24/210	67	29	10	4	142	17	229	229	95

STANDARD RATING				SPRING COIL			
TYPE	SIZE	LOAD	DEFL.	COLOR	HT.	O.D.	
ICW	24	11	27	BLUE	81	44	
ICW	37	17	25	WHITE	81	44	
ICW	50	23	25	GREEN	81	44	
ICW	75	34	25	BLACK	91	44	
ICW	100	45	25	GRAY	81	44	
ICW	150	69	25	RED	81	44	
ICW	210	95	26	BROWN	81	44	



SPECIFICATIONS:

- SPRING ELEMENTS ARE POWDER COATED.
- ISOLATION BRACKETS ARE ELECTRO GALVANIZED.
- ALL HARDWARE IS BRIGHT ZINC PLATED.
- ISOLATION HANGERS HAVE A TYPICAL OVERLOAD OF 5%.
- ISOLATION HANGERS HAVE A MINIMUM KIRBY RATIO OF 1.0.
- ISOLATION HANGERS ARE SAFE AT SOLID LOADING.
- SPRING ELEMENTS WILL CARRY 10 TIMES OVERLOAD WITHOUT FAILURE.
- HANGER BRACKETS WILL ALLOW 30° ROD MISALIGNMENT WITHOUT SHORT CIRCUITING.
- HANGER BRACKETS HAVE A NEOPRENE BOTTOM SPRING CUP.
- ISOLATION HANGERS HAVE A NEOPRENE BOTTOM SPRING CUP.

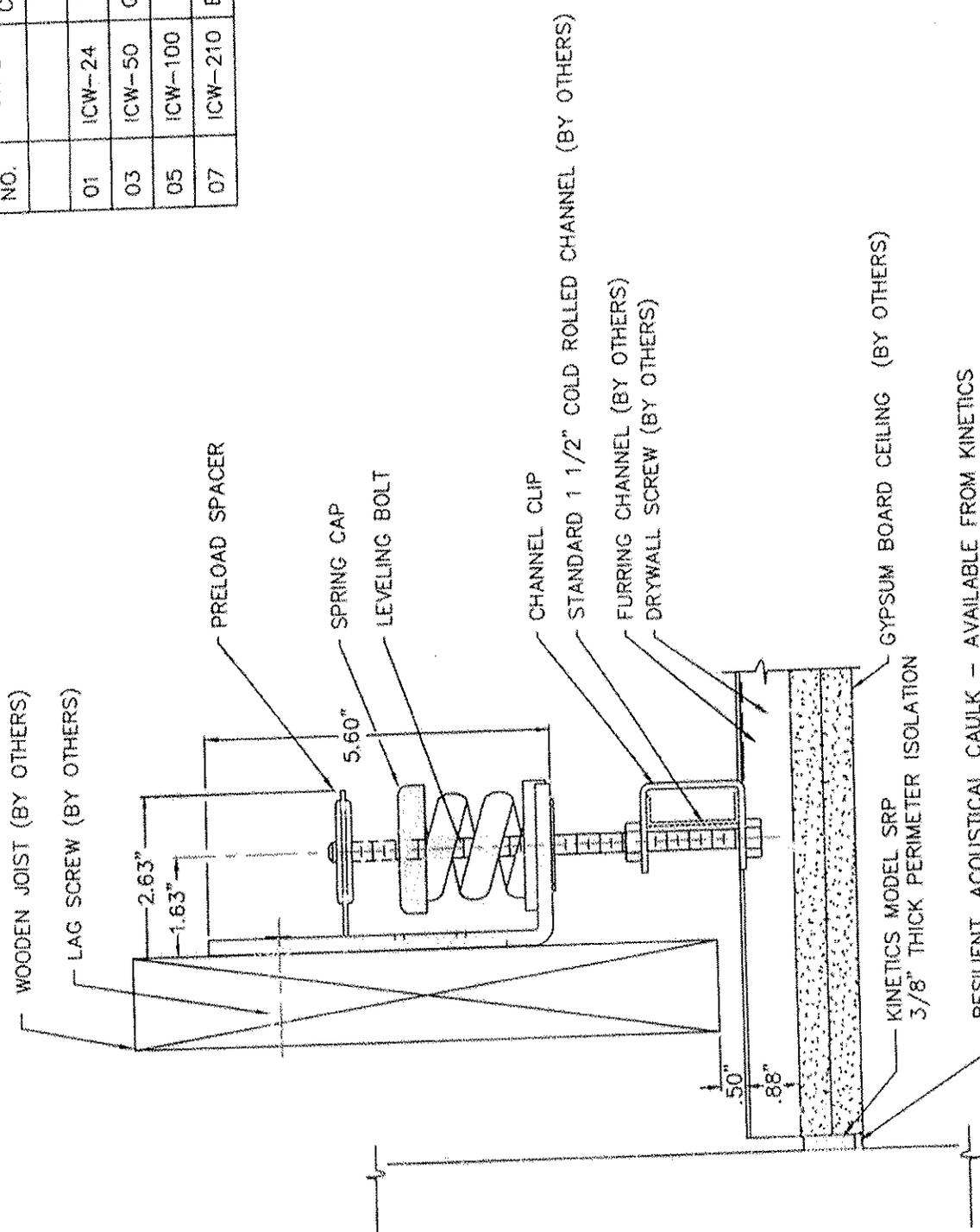


KINETICS NOISE CONTROL, INC.
 6300 IRELAN PL.
 DUBLIN, OH 43017 USA
 Ph: 514 889-0480, Fax: 514 889-0540
 www.kineticsnoise.com

Model: ICW-24/210

By: BB
 Date: 02/05/10
 Revised: 01/12/11/BB

Drawing No: S-03.50-11 METRIC



RESILIENT, ACOUSTICAL CAULK - AVAILABLE FROM KINETICS



TITLE
**ICW CEILING HANGER
 W/ PERIMETER ISOLATION**

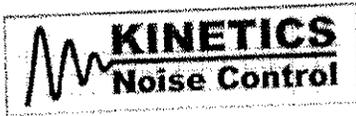
LAST DATE
 REVISED
05/10/04

REVISED BY
TEF

DRAWING NO.
SS-20040566

SS

ITEM NO.	TYPE	LOAD RATING	
		SPRING COLOR	1" DEFL.
01	ICW-24	BLUE	24#
03	ICW-50	GREEN	50#
05	ICW-100	GRAY	100#
07	ICW-210	BROWN	210#



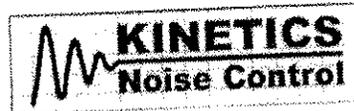
MODEL ICW WOOD-FRAME CEILING HANGER SELECTION GUIDELINES

IMPORTANT! PLEASE READ FIRST:

These suggested selection guidelines represent generally accepted procedures for properly selecting Kinetics Noise Control Model ICW Wood-Frame Ceiling Hanger for ceiling system isolation. These suggestions may be followed, modified, or rejected by the owner, engineer, contractor, and/or their respective representative(s) since they, not Kinetics Noise Control, are responsible for planning and executing procedures appropriate to a specific application. Kinetics Noise Control reserves the right to alter these suggestions and encourages contact with the factory or its representatives to review any possible modification to these suggested guidelines prior to commencing selection.

1. Define ceiling area being isolated and sketch a layout showing the ceiling hanger locations per the following criteria (refer to layout diagram):
 - A. Isolators installed at the perimeter must be located not more than 16" from the edge of the isolated ceiling; maintain at least a three-inch clearance from the perimeter.
 - B. Isolators may be located up to 48" along the perimeter of the isolated ceiling.
 - C. Isolators mounted mid-room (i.e., those isolators not at the perimeter) may be located up to 48" on center each way (o.c.e.w.).
 - D. When ceiling height is to be maximized, it is important to be aware of which direction the joists supporting the structural floor above run. The grid must be oriented so that the cold-rolled steel channel member that is supported directly by the isolators runs parallel to these. Please note this can affect the basic arrangement of the isolators and thus their size and quantity.
 - E. Many room configurations will require non-conventional placement of isolation hangers to support the gypsum board ceiling (i.e., every isolated ceiling cannot be laid out in even rows in each direction). Consideration must be given to supporting the gypsum board ceiling adequately; this may require unique spacing arrangements to accommodate installation of the ceiling grid.
2. Once spacing of the ceiling hangers is determined and sketched, three (3) general areas of the ceiling require load calculations: mid-room, along the perimeter, and in the corners. The total number of calculations required depends on how varied the spacing of the hangers is in each of these areas.
3. Determine the total weight of the layers of gypsum wallboard and ceiling grid components being supported by the isolation hangers. The chart at the top of the next page is useful in determining common weights for materials used in isolated ceiling construction:





MODEL ICW WOOD-FRAME CEILING HANGER

INSTALLATION GUIDELINES

IMPORTANT! PLEASE READ FIRST:

These suggested installation guidelines represent generally accepted procedures for successful installation of Kinetics Noise Control Model ICW Ceiling Hanger for ceiling system isolation. These suggestions may be followed, modified, or rejected by the owner, engineer, contractor, and/or their respective representative(s) since they, not Kinetics Noise Control, are responsible for planning and executing procedures appropriate to a specific application. Kinetics Noise Control reserves the right to alter these suggestions and encourages contact with the factory or its representatives to review any possible modification to these suggested guidelines prior to commencing installation.

1. Installation of an isolated ceiling system that uses Kinetics Noise Control Model ICW Wood-Frame Ceiling Hangers requires following materials (as specified by others and purchased separately):

- A. 1-1/2" x 1/2", 16-gauge cold-rolled channel.
- B. 7/8" 20- to 25-gauge drywall furring channel.
- C. Anchors for mounting into non-isolated wood-frame construction (e.g., joists, trusses).
- D. 1/2" or 5/8" thick gypsum board.
- E. Appropriate tools and equipment for installation.

Please note: If submittal drawings have been prepared for the installation, review drawings for completeness and accuracy; otherwise, refer to Selection Guidelines for selecting ceiling hangers.

2. When ceiling height is to be maximized, it is important to be aware of which direction the joists supporting the structural floor above run. The grid must be oriented so that the cold-rolled steel channel member that is supported directly by the isolators runs parallel to these. Please note this can affect the basic arrangement of the isolators and thus their size and quantity. Mark grid pattern using the following criteria:

- A. Isolators installed at the perimeter must be located not more than 16" from the edge of the isolated ceiling; maintain at least a three-inch clearance from the perimeter.
- B. Isolators may be located up to 48" along the perimeter of the isolated ceiling.
- C. Isolators mounted mid-room (i.e., those isolators not at the perimeter) may be located up to 48" on center each way (o.c.e.w.); mid-room isolators should be spaced evenly in each direction.

Please note: Submittal drawings, if provided, override general location guidelines provided above.

3. Remove Model ICW Hangers from box. Confirm capacity of each isolator to ensure proper location in grid (see chart below). If provided, submittal drawings will identify location of specific hanger by capacity rating. After determining the direction the cold-roll channel will run (orientation is not important acoustically; refer to Step 2), locate the isolators on the grid.

Anchor isolators to joists using appropriate fastener through the opening(s) on the hanger bracket. Slide cold-rolled channel through the channel clip on the leveling bolt. Position the cold-rolled channel to prevent contact at partition/wall/column or any other non-isolated structural component. Inter-connect ends of cold-rolled channel using appropriate practices for ceiling grid installation.

Model ICW	Spring Color	Capacity Range (lbs.)	Deflection Range (in.)
24	Blue	12-24	0.50-1.00
37	White	19-37	0.50-1.00
50	Green	25-50	0.50-1.00
75	Black	38-75	0.50-1.00
100	Gray	50-100	0.50-1.00
150	Red	75-150	0.50-1.00
210	Brown	105-210	0.50-1.00

4. Attach drywall furring channel to cold-rolled steel and inter-connect the ends of the furring channel using appropriate practices for ceiling grid installation. Furring channel cannot contact non-isolated structural components.

5. After assembling the ceiling grid, check for levelness. By loosening or tightening the bolt, the grid can be adjusted to level. Do not overly loosen. A minimum 1/4" of threaded rod should be exposed above the threaded spring cap.

6. Install Model SRP perimeter isolation board at partitions/walls, columns, and around any non-isolated building components to create a 3/8" wide resilient layer that ensures the isolated ceiling remains decoupled from the non-isolated structure. As the gypsum board is attached to the grid, the springs will compress (1/2" to 1-1/4" nominally depending on spring capacity) allowing the ceiling system to lower into final position. Position the Model SRP to account for this change to final elevation. Trimming the Model SRP may be required following installation of the gypsum board. If an alternate method for ensuring that the isolated ceiling remains decoupled is employed (e.g., using resilient backer rod), be sure to maintain a 3/8" gap from non-isolated structural components.

7. Install the gypsum board using accepted practices for attaching to the grid system. Be certain to maintain a 3/8" gap between non-isolated structural components and the isolated ceiling to ensure that the gypsum board does not contact any non-isolated structural components. Do not allow gypsum board to rest on top edge of Model SRP; it should abut the perimeter isolation board. Do not allow the Model SRP to become compressed against the non-isolated structure. In some cases, additional adjustment of the gypsum board may be necessary to achieve levelness, consult factory for procedures.

8. Trim Model SRP as required and caulk gap using a resilient, non-hardening caulk.

ITEM	SPECIFICATION	PROPERTY
CELL STRUCTURE		CROSSLINKED EXPANDED POLYETHYLENE
DENSITY (LB/FT ³)	ASTM D3575-93	2.0 - 2.4
CELL SIZE (MM AVERAGE)	ASTM D3576 MODIFIED	.9
COMPRESSIVE STRENGTH VERTICAL DIRECTION (PSI)	ASTM D3575-93 SUFFIX D @ 25% @ 50%	10.5 19.5
COMPRESSIVE SET (% ORIGINAL THICKNESS)	ASTM D3575-93 SUFFIX B	15%
COMPRESSIVE CREEP (% DEFLECTION)	ASTM D3575-93 SUFFIX BB (1000 HRS.)	<5% @ 2.0 PSI
TENSILE STRENGTH (PSI) (@ 1/2" THICKNESS)	ASTM D3575-93 SUFFIX T MD / CMD	42 PSI
TEAR RESISTANCE (LB/IN) (@ 1/2" THICKNESS)	ASTM D3575-93 SUFFIX G MD / CMD	13
WATER ABSORPTION (LB/FT ³)	ASTM D3575-93 SUFFIX L	<0.2
THERMAL RESISTANCE R-VALUE (HR-FT ² -°F/BTU)	ASTM C518-91	2.09 - 2.48
THERMAL CONDUCTIVITY K-VALUE (BTU-IN/HR-FT ² -°F)	ASTM C518-91	0.40 - 0.48
THERMAL STABILITY (% SHRINKAGE)	ASTM D3575-93 SUFFIX S	<5%

* STRONG, TOUGH AND LIGHTWEIGHT
 * NOT WATER ABSORBANT
 * CHEMICAL, SOLVENT AND WEATHER RESISTANT

DIMENSION FORMAT: IN (mm)



TITLE ENGINEERING PROPERTIES FOR TYPE PIB/SRP PERIMETER ISOLATION

LAST DATE REVISED 5/5/09

DRAWN BY MDV

DRAWING NO. AA001908 AA

