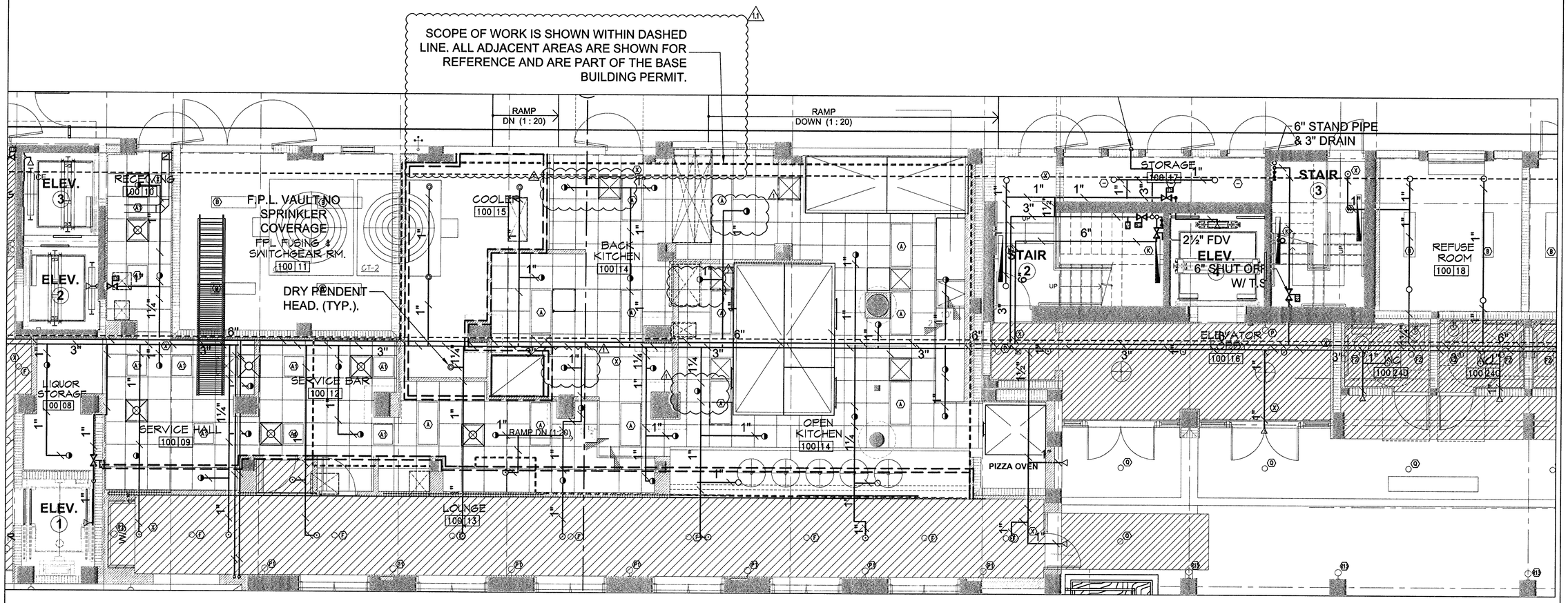


FIRE PROTECTION PARTIAL GROUND FLOOR PLAN

SCALE: 1/4"=1'-0"

REFER TO BASE BLDG PERMIT DRAWINGS FOR CONTINUATION OF ALL UTILITIES.

ALLAN T. SHULMAN ARCHITECT, P.A.
(AR 0012763)
100 NE 38TH STREET, NO. 2 MIAMI, FL 33137
TEL: 305.438.0609 FAX: 305.438.0170

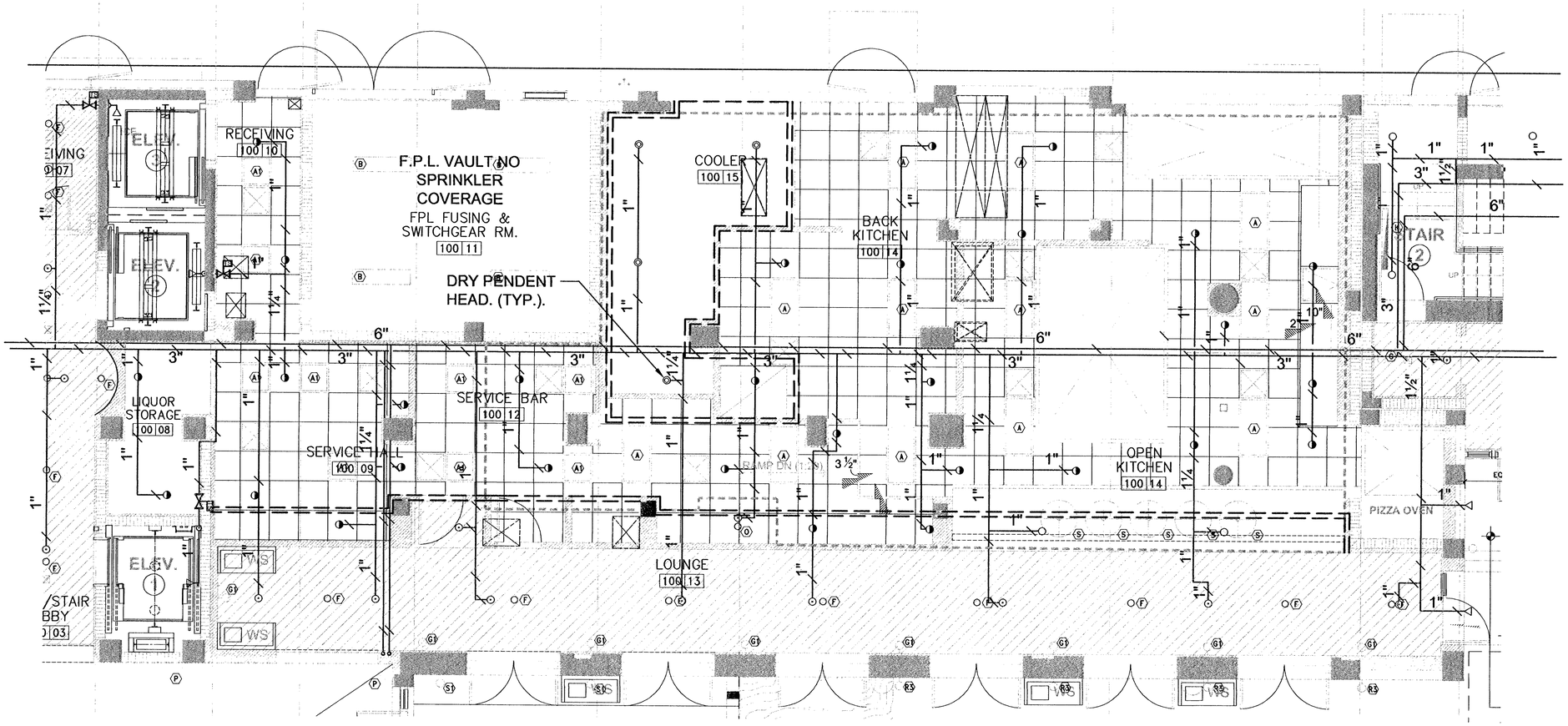
REVISIONS	
1 10.29.09 CMB COMMENTS	
2 12.10.09 CMB COMMENTS	

REVISIONS

12-11-09

SOHO BEACH HOUSE
4385 COLLINS AVENUE, MIAMI BEACH, FL, 33140
JOB NO. 05035
1ST & 7TH FLR KITCHENS
CONSTRUCTION DOCUMENTS

F-1.0
09.15.2009



REFER TO BASE BLDG PERMIT DRAWINGS FOR CONTINUATION OF ALL UTILITIES.

FIRE PROTECTION GROUND FLOOR PLAN

SCALE: 1/4"=1'-0"

9.15.09

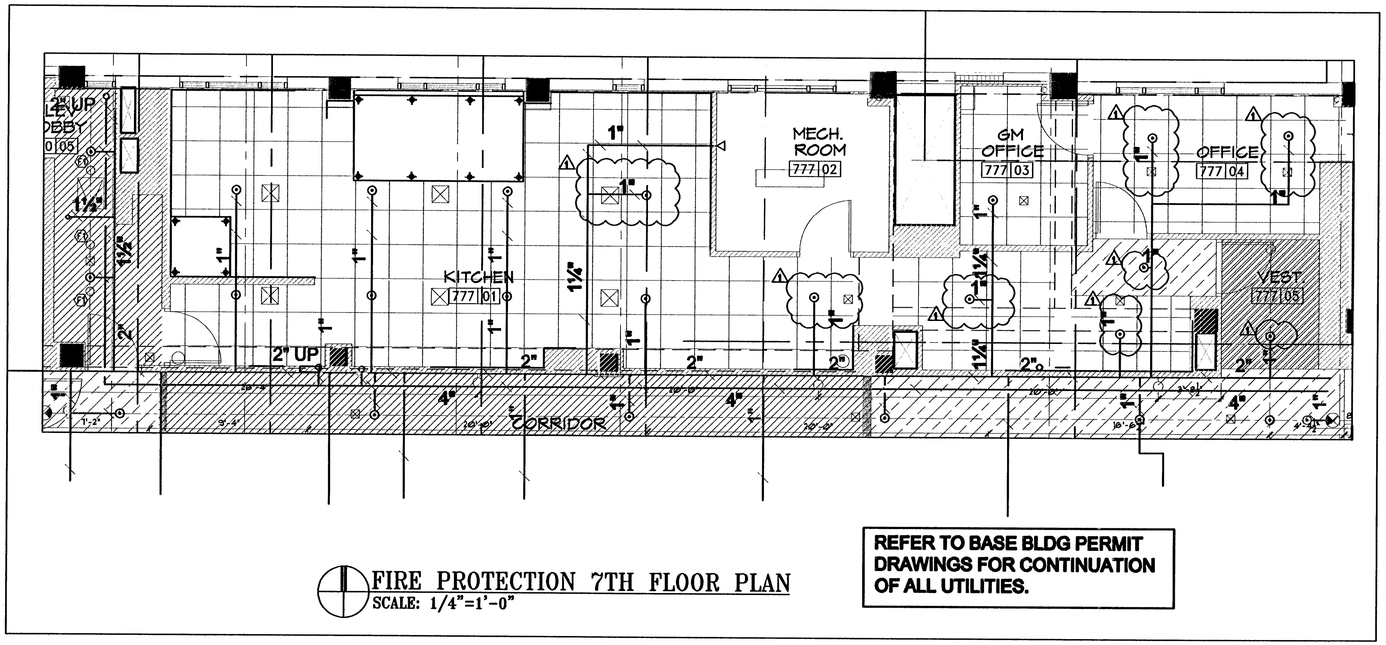
VIDAL & ASSOCIATES INC.
CONSULTING ENGINEERS
2234 N.E. 2ND. AVENUE
MIAMI, FL. 33137
HENRY VIDAL P.E., PE# 58204
CERTIFICATION OF AUTHORIZATION #9056
PHONE: (305) 571-1060 FAX: (305) 571-1861
E-MAIL: VIDAL1961@AOL.COM

ALLAN T. SHULMAN ARCHITECT, P.A.
(AR 0012763)
100 NE 38TH STREET, NO. 2 MIAMI, FL 33137
TEL: 305.438.0609 FAX: 305.438.0170

REVISIONS	REVISIONS

SOHO BEACH HOUSE
4385 COLLINS AVENUE, MIAMI BEACH, FL, 33140
JOB NO. 05035
1ST & 7TH FLOOR KITCHENS
CONSTRUCTION DOCUMENTS

F-1.0
09.15.2009



FIRE PROTECTION 7TH FLOOR PLAN
SCALE: 1/4"=1'-0"

REFER TO BASE BLDG PERMIT DRAWINGS FOR CONTINUATION OF ALL UTILITIES.

ALLAN T. SHULMAN ARCHITECT, P.A.
(AR 0012763)
100 NE 38TH STREET, NO. 2 MIAMI, FL 33137
TEL: 305.438.0609 FAX: 305.438.0170

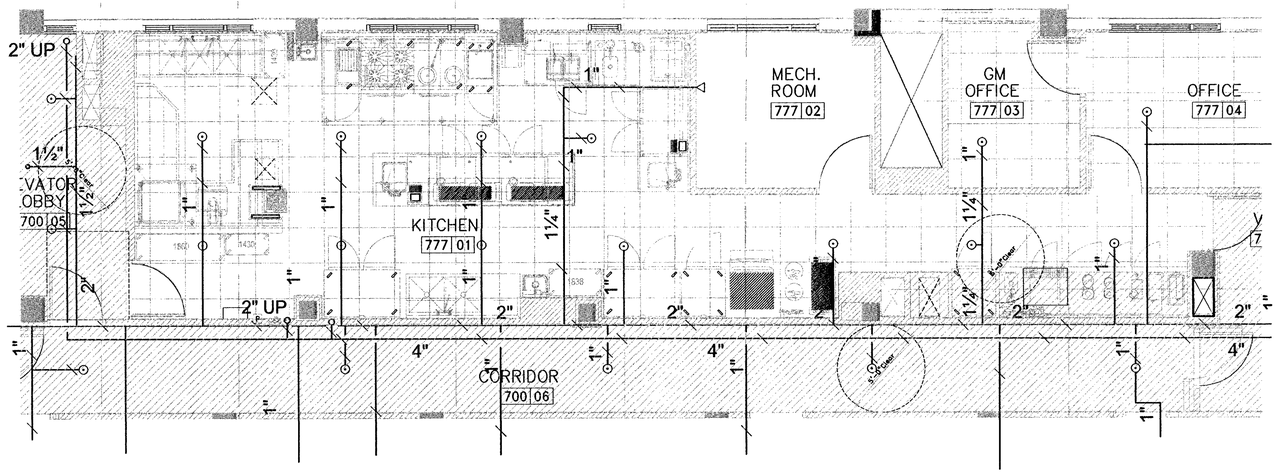
REVISIONS	
1	10.08.09 CMB COMMENTS

REVISIONS

VIDAL & ASSOCIATES INC.
CONSULTING ENGINEERS

SOHO BEACH HOUSE
4385 COLLINS AVENUE, MIAMI BEACH, FL, 33140
JOB NO. 05035
1ST & 7TH FLOOR KITCHENS
CONSTRUCTION DOCUMENTS

F-2.0
09.15.2009



REFER TO BASE BLDG PERMIT DRAWINGS FOR CONTINUATION OF ALL UTILITIES.

FIRE PROTECTION 7TH FLOOR PLAN

SCALE: 1/4"=1'-0"

9.17.09

VIDAL & ASSOCIATES INC.
CONSULTING ENGINEERS
2234 N.E. 2ND. AVENUE
MIAMI, FL. 33137
HENRY VIDAL P.E., PE# 56204
CERTIFICATION OF AUTHORIZATION #6058
PHONE: (305) 571-1060 FAX: (305) 571-1861
E-MAIL: VIDAL1961@AOL.COM

ALLAN T. SHULMAN ARCHITECT, P.A.
(AR 0012763)
100 NE 38TH STREET, NO. 2 MIAMI, FL 33137
TEL: 305.438.0609 FAX: 305.438.0170

REVISIONS

REVISIONS

SOHO BEACH HOUSE
4385 COLLINS AVENUE, MIAMI BEACH, FL, 33140
JOB NO. 05035
1ST & 7TH FLOOR KITCHENS
CONSTRUCTION DOCUMENTS

F-2.0
09.15.2009

FIRE PROTECTION LEGEND

SYMBOL	DESCRIPTION
	FIRE PROTECTION PIPE
	CHECK VALVE
	CAPPED PIPE
	GATE VALVE
	GATE VALVE IN VERTICAL
C DN	PIPE DOWN
O UP	PIPE UP
	FIRE DEPARTMENT CONNECTION
FS	FLOW SWITCH
PIV	POST INDICATOR VALVE WITH TAMPER SWITCH
TS	TAMPER SWITCH
TS TS BFP	BACK FLOW PREVENTER
	HYDRAULIC CALC. REFERENCE POINT
UG	UNDERGROUND
ABV.	ABOVE
CLG	CEILING
TYP	TYPICAL

SPECIFICATIONS:

1. A FULL COVERAGE FIRE SPRINKLER SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA13, FLORIDA BUILDING CODE & UNDERWRITERS INSURANCE COMPANY.
2. ALL SPRINKLER SYSTEM EQUIPMENT AND DEVICES SHALL BE LISTED BY FM & UL FOR SERVICE INTENDED. FOR SPRINKLER HEADS CHARACTERISTICS REFER TO FIRE SPRINKLER SCHEDULE THIS SHEET.
3. CONTRACTOR TO OBTAIN APPROVAL FROM OWNER REP. FOR SPRINKLER HEAD STYLE TO BE INSTALLED IN COVERED AREAS PRIOR TO INSTALLATION. SEE SCHEDULE.
4. ARRANGEMENT AND LOCATION OF SPRINKLER HEAD & EQUIPMENT SHALL BE AS INDICATED ON DRAWINGS AND SUBJECT TO CONTRACTOR SUBMITTALS.
5. DETAILED DRAWINGS OF PROPOSED DEPARTURES DUE TO ACTUAL FIELD CONDITIONS OR OTHER CAUSES SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR APPROVAL.
6. PIPING: INTERIOR ABOVE GROUND SHALL BE ASTM A 53-73 OR A-106 STANDARD WEIGHT, SCHEDULE 10 BLACK STEEL PIPE WITH ROLLED MECHANICAL COUPLINGS OR XL BLACK STEEL PIPE AS PER NFPA 13 AND UL APPROVED FOR FIRE SPRINKLER SERVICE. UNDERGROUND PIPING: SHALL BE DUCTILE IRON TO MEET AWWAC-900 STANDARDS OR PVC PRESSURE PIPES CLASS 150DR-18 AS MFG. BY J-M BLUE BRUTE. CONFIRM WITH CIVIL ENGINEER'S SPECIFICATIONS.
7. MAXIMUM DISTANCE BETWEEN HANGERS SHALL BE AS PER NFPA-13 TABLE 6-2.2..
8. FIRE SPRINKLER SYSTEM TO BE HYDROSTATIC ALLY TESTED AT 200 PSI FOR 2 HRS MINIMUM.
9. HYDRAULIC CALCULATIONS AND PIPE SIZES ARE BASED ON THE PRELIMINARY FLOW TEST: STATIC PRESSURE: 50 PSI; RESIDUAL PRESSURE: 40 PSI AT 1200 GPM WATER FLOW. CONTRACTOR SHALL CONFIRM WATER FLOW TEST DATA BEFORE COMMENCING ANY WORK AND MAY VARY PIPE SIZES IN ACCORDANCE WITH ACTUAL FLOW TEST OBTAINED.
10. BEFORE COMMENCING ANY WORK CONTRACTOR SHALL COORDINATE EXACT LOCATION AND POINT OF CONNECTION TO STREET WATER MAIN. REFER TO CIVIL DRAWINGS AND OBTAIN APPROVAL FROM FIRE MARSHALL OFFICE AND LOCAL AUTHORITIES HAVING JURISDICTION.
11. BACK FLOW PREVENTOR TO THE BUILDING SHALL BE EXECUTED BY A FLORIDA STATE FIRE SPRINKLER INSTALLATION INCLUDING UNDERGROUND SUPPLY PIPING FROM CERTIFIED FIRE PROTECTION CONTRACTOR.
12. PROVIDE SPARE SPRINKLER HEADS IN BOX AS PER NFPA-13 PARAGRAPH (3-2.9) IN ACCESSIBLE LOCATION IN MAINTENANCE OFFICE.
13. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO A/E OFFICES FOR APPROVAL.
14. SINCE THIS BUILDING IS LOCATED NEAR TO OCEAN ALL EXPOSED PIPING; HANGERS SHALL CORROSION PROTECTED WITH A PROTECTIVE COATING AS HOT DIP GALVANIC LAYER.
15. CONTRACTOR TO PROVIDE SPRINKLER SHOP DRAWINGS TO BE APPROVED BY AHJ AS A SEPARATE PERMIT.

FIRE SPRINKLER HEAD SCHEDULE

SYMBOL	DESCRIPTION	SIZE	"K"	TEMP	FINISH	COVERAGE	MFG.-MODEL	REMARK
⊙	PENDANT SPRINKLER HEAD	½"	5.6	155°F	WHITE	15'x15' LIGHT HAZARD	TYCO SERIES LFII	DROP CEILING AREA. RESIDENTIAL QUICK RESPONSE (CONCEALED)
▷	SIDE WALL SPRINKLER HEAD	½"	5.6	165°F	WHITE	16'x20' MAXIMUM 23 GPM @ 30 PSI	TYCO SERIES LFII	SEMI RECESSED, QUICK RESPONSE RESIDENTIAL.
○	UPRIGHT SPRINKLER HEAD	½"	5.6	165°F	BRONZE	15'x15' LIGHT HAZARD AREAS 13'x10' ORDINARY HAZARD AREAS	TYCO SERIES TY-FRB	AREAS WITHOUT DROP CEILING. QUICK RESPONSE
◑	SEMI-RECESSED PENDANT SPRINKLER HEAD	½"	5.6	165°F	BRONZE	15'x15' LIGHT HAZARD AREAS 13'x10' ORDINARY HAZARD AREAS	TYCO SERIES TY-FRB	SEMI RECESSED, QUICK RESPONSE
▷	WINDOW SPRINKLER	½"	5.6	165°F	BRONZE	8' MAXIMUM DISTANCE BETWEEN SPRINKLERS.	TYCO SERIES WS	FINISH TO BE SLECTED BY ARCHITECT
⊙	DRYPENDANT SPRINKLER HEAD	½"	5.6	155°F	BRONZE	13'x10' ORDINARY HAZARD	TYCO SERIES DS-1	AREAS WITHOUT DROP CEILING. QUICK RESPONSE

NOTE: FOR STYLE & COLOR REFER TO ARCHITECTURAL DWGS.

VIDAL & ASSOCIATES INC.
CONSULTING ENGINEERS
2234 N.E. 2ND. AVENUE
MIAMI, FL. 33137
HENRY VIDAL P.E., PE# 54504
CERTIFICATION OF AUTHORIZATION #6056
PHONE: (305) 571-1560 FAX: (305) 571-1661
E-MAIL: VIDAL1961@AOL.COM

ALLAN T. SHULMAN ARCHITECT, P.A.
(AR 0012763)
100 NE 38TH STREET, NO. 2 MIAMI, FL 33137
TEL: 305.438.0609 FAX: 305.438.0170

REVISIONS	REVISIONS
1 10.08.09 CMB COMMENTS	

SOHO BEACH HOUSE
4385 COLLINS AVENUE, MIAMI BEACH, FL, 33140
JOB NO. 05035
1ST & 7TH FLOOR KITCHENS
CONSTRUCTION DOCUMENTS

F-3.0
09.15.2009

FIRE PROTECTION LEGEND

SYMBOL	DESCRIPTION
———	FIRE PROTECTION PIPE
	CHECK VALVE
	CAPPED PIPE
	GATE VALVE
	GATE VALVE IN VERTICAL
C DN	PIPE DOWN
O UP	PIPE UP
	FIRE DEPARTMENT CONNECTION
FS	FLOW SWITCH
PIV	POST INDICATOR VALVE WITH TAMPER SWITCH
TS	TAMPER SWITCH
BFP	BACK FLOW PREVENTER
	HYDRAULIC CALC. REFERENCE POINT
UG	UNDERGROUND
ABV.	ABOVE
CLG	CEILING
TYP	TYPICAL

SPECIFICATIONS:

1. A FULL COVERAGE FIRE SPRINKLER SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA13, FLORIDA BUILDING CODE & UNDERWRITERS INSURANCE COMPANY.
2. ALL SPRINKLER SYSTEM EQUIPMENT AND DEVICES SHALL BE LISTED BY FM & UL FOR SERVICE INTENDED. FOR SPRINKLER HEADS CHARACTERISTICS REFER TO FIRE SPRINKLER SCHEDULE THIS SHEET.
3. CONTRACTOR TO OBTAIN APPROVAL FROM OWNER REP. FOR SPRINKLER HEAD STYLE TO BE INSTALLED IN COVERED AREAS PRIOR TO INSTALLATION. SEE SCHEDULE.
4. ARRANGEMENT AND LOCATION OF SPRINKLER HEAD & EQUIPMENT SHALL BE AS INDICATED ON DRAWINGS AND SUBJECT TO CONTRACTOR SUBMITTALS.
5. DETAILED DRAWINGS OF PROPOSED DEPARTURES DUE TO ACTUAL FIELD CONDITIONS OR OTHER CAUSES SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR APPROVAL.
6. PIPING: INTERIOR ABOVE GROUND SHALL BE ASTM A 53-73 OR A-106 STANDARD WEIGHT, SCHEDULE 10 BLACK STEEL PIPE WITH ROLLED MECHANICAL COUPLINGS OR XL BLACK STEEL PIPE AS PER NFPA 13 AND UL APPROVED FOR FIRE SPRINKLER SERVICE. UNDERGROUND PIPING: SHALL BE DUCTILE IRON TO MEET AWWAC-900 STANDARDS OR PVC PRESSURE PIPES CLASS 150DR-18 AS MFG. BY J-M BLUE BRUTE. CONFIRM WITH CIVIL ENGINEER'S SPECIFICATIONS.
7. MAXIMUM DISTANCE BETWEEN HANGERS SHALL BE AS PER NFPA-13 TABLE 6-2.2..
8. FIRE SPRINKLER SYSTEM TO BE HYDROSTATIC ALLY TESTED AT 200 PSI FOR 2 HRS MINIMUM.
9. HYDRAULIC CALCULATIONS AND PIPE SIZES ARE BASED ON THE PRELIMINARY FLOW TEST: STATIC PRESSURE: 50 PSI; RESIDUAL PRESSURE: 40 PSI AT 1200 GPM WATER FLOW. CONTRACTOR SHALL CONFIRM WATER FLOW TEST DATA BEFORE COMMENCING ANY WORK AND MAY VARY PIPE SIZES IN ACCORDANCE WITH ACTUAL FLOW TEST OBTAINED.
10. BEFORE COMMENCING ANY WORK CONTRACTOR SHALL COORDINATE EXACT LOCATION AND POINT OF CONNECTION TO STREET WATER MAIN. REFER TO CIVIL DRAWINGS AND OBTAIN APPROVAL FROM FIRE MARSHALL OFFICE AND LOCAL AUTHORITIES HAVING JURISDICTION.
11. BACK FLOW PREVENTOR TO THE BUILDING SHALL BE EXECUTED BY A FLORIDA STATE FIRE SPRINKLER INSTALLATION INCLUDING UNDERGROUND SUPPLY PIPING FROM CERTIFIED FIRE PROTECTION CONTRACTOR.
12. PROVIDE SPARE SPRINKLER HEADS IN BOX AS PER NFPA-13 PARAGRAPH (3-2.9) IN ACCESSIBLE LOCATION IN MAINTENANCE OFFICE.
13. CONTRACTOR TO SUBMIT SHOP DRAWINGS TO A/E OFFICES FOR APPROVAL.
14. SINCE THIS BUILDING IS LOCATED NEAR TO OCEAN ALL EXPOSED PIPING; HANGERS SHALL CORROSION PROTECTED WITH A PROTECTIVE COATING AS HOT DIP GALVANIC LAYER.
15. CONTRACTOR TO PROVIDE SPRINKLER SHOP DRAWINGS TO BE APPROVED BY AHJ AS A SEPARATE PERMIT.

FIRE SPRINKLER HEAD SCHEDULE

SYMBOL	DESCRIPTION	SIZE	"K"	TEMP	FINISH	COVERAGE	MFG.-MODEL	REMARK
⊙	PENDANT SPRINKLER HEAD	½"	5.6	155°F	WHITE	15'x15' LIGHT HAZARD	TYCO SERIES LFII	DROP CEILING AREA. RESIDENTIAL QUICK RESPONSE (CONCEALED)
▷	SIDE WALL SPRINKLER HEAD	½"	5.6	165°F	WHITE	16'x20' MAXIMUM 23 GPM @ 30 PSI	TYCO SERIES LFII	SEMI RECESSED, QUICK RESPONSE RESIDENTIAL.
○	UPRIGHT SPRINKLER HEAD	½"	5.6	165°F	BRONZE	15'x15' LIGHT HAZARD AREAS 13'x10' ORDINARY HAZARD AREAS	TYCO SERIES TY-FRB	AREAS WITHOUT DROP CEILING. QUICK RESPONSE
◑	SEMI-RECESSED PENDANT SPRINKLER HEAD	½"	5.6	165°F	BRONZE	15'x15' LIGHT HAZARD AREAS 13'x10' ORDINARY HAZARD AREAS	TYCO SERIES TY-FRB	SEMI RECESSED, QUICK RESPONSE
▷	WINDOW SPRINKLER	½"	5.6	165°F	BRONZE	8' MAXIMUM DISTANCE BETWEEN SPRINKLERS.	TYCO SERIES WS	FINISH TO BE SLECTED BY ARCHITECT
◎	DRYPENDANT SPRINKLER HEAD	½"	5.6	155°F	BRONZE	13'x10' ORDINARY HAZARD	TYCO SERIES DS-1	AREAS WITHOUT DROP CEILING. QUICK RESPONSE

NOTE: FOR STYLE & COLOR REFER TO ARCHITECTURAL DWGS.

9.15.09

VIDAL & ASSOCIATES INC.
CONSULTING ENGINEERS
2234 N.E. 2ND. AVENUE
MIAMI, FL. 33137
HENRY VIDAL P.E., PE# 56004
CERTIFICATION OF AUTHORIZATION #6058
PHONE: (305) 571-1860 FAX: (305) 571-1861
E-MAIL: VIDAL1961@AOL.COM

ALLAN T. SHULMAN ARCHITECT, P.A.
(AR 0012763)
100 NE 38TH STREET, NO. 2 MIAMI, FL 33137
TEL: 305.438.0609 FAX: 305.438.0170

REVISIONS

REVISIONS

SOHO BEACH HOUSE
4385 COLLINS AVENUE, MIAMI BEACH, FL, 33140
JOB NO. 05035
1ST & 7TH FLOOR KITCHENS
CONSTRUCTION DOCUMENTS

F-3.0
09.15.2009

Rev	ITEM	QTY	DESCRIPTION	MANUFACTURER	MODEL NUMBER	EQUIPMENT REMARKS	PROVIDED BY		EXISTING EQUIPMENT			ELECTRICAL					WATER		DRAIN		GAS		COOLING WATER		UTILITY REMARKS	ITEM
							BARING	OTHERS	REMAIN	RE-LOCATE	REMOVE	VOLTS	PHASE	AMPS	CONN TYPE	NEMA NUMBER	HOT	COLD	IN-DIRECT	DIRECT	SIZE	MBTU/ HOUR	SUPPLY	RETURN		
△1	1-001	1	MARBLE TOP PICK-UP COUNTER	FLORIDA STAINLESS FABRICATORS	CUSTOM	MARBLE TOP BY OTHERS; SEE SHOP DWG	X																			1-001
		2	5-20R GFCI DUPLEX RECEPTACLE			CONVENIENCE						120	1	16	DIRECT										EC TO CONNECT POWER TO RECEPTACLES IN EQUIPMENT	
		2	5-20R GFCI DUPLEX RECEPTACLE			F/1-003						120	1	16	DIRECT										DEDICATED CIRCUIT W/ISOLATED GROUND; EC TO CONNECT POWER TO RECEPTACLES IN EQUIPMENT	
		2	2-DOOR REFRIGERATED BASE									120	1	2.1	JB				1/2"						REFRIGERATION CONNECTED TO 1-208	
		2	HEATED PLATE CABINET			W/SLIDING BI-PASS DOORS						120	1	4.2	JB											
		2	CATEGORY-5 DATA PORT			F/1-003		X																		
	1-001A	1	KNEE WALL	GENERAL CONTRACTOR	CUSTOM			X																		1-001A
△1	1-001B	2	WASTE CONTAINER	RUBBERMAID	2957		X																			1-001B
	1-002		SPARE																							1-002
△1	1-003	7	POS SYSTEM PRINTER					X				120	1	4	C/P	5-15P									REQUIRES EMPTY JB/CONDUIT F/CATEGORY-5 DATA INTERFACE; EC TO VERIFY UTILITY & CONNECTION REQUIREMENTS	1-003
	1-004	1	EXHAUST HOOD	HALTON COMPANY	KVE	SEE SHOP DWG	X					120	1	2.1	JB										1,200 CFM EXHAUST; LIGHTING ON SAME POWER CIRCUIT AS 1-016	1-004
	1-005	1	FIRE SUPPRESSION SYSTEM	ANSUL	R-102	WALL MTD W/TOP OF CABINET AGAINST FINISHED CLG; SEE HALTON SHOP DWG	X																		SERVES 1-004 & 1-016	1-005
	1-005A	1	REMOTE PULL STATION	ANSUL	4835	SURFACE MTD @ 48" AFF	X																		EC TO VERIFY LOCATION W/LOCAL FIRE OFFICIAL PRIOR TO ROUGH-IN	1-005A
	1-006	8	PENDANT-TYPE HEAT LAMP	MERCO/SAVORY	775-C	W/CLEAR BULB; CLG HUNG W/BOTTOM OF SHADE @ 18" ABOVE CTR TOP	X					120	1	2.1	DIRECT											1-006
△1	1-007	5	HAND SINK	ADVANCE TABCO	7-PS-81	W/K-175 ELECTRONIC FAUCET, SOAP & TOWEL DISPENSER; WALL MTD W/TOP @ 34" AFF	X					120	1	1	C/P	5-15P	1/2"	1/2"		1-1/2"					P-TRAP PROVIDED BY BARING/INSTALLED BY PC	1-007
	1-008		SPARE																							1-008
	1-009	1	COOKING SUITE	ELECTROLUX PROFESSIONAL	CUSTOM	SEE SHOP DWG	X					120/208	3	156	DIRECT			1/2"	(2) 2"		1-1/4"	230.4			PRE-WIRED TO LOAD CENTER; GAS PRV PROVIDED BY BARING/INSTALLED BY PC	1-009
	1-010																									1-010
	1-011	3	COUNTER TOP CHEESE MELTER	EQUIPEX	SEM-60		X					208	1	14	C/P	6-15P									POWER CONNECTED TO RECEPTACLES IN1-009	1-011
	1-012	1	MOBILE 48" WOOD-BURNING CHAR-BROILER	JADE RANGE	JLB-48		X																			1-012
	1-013	1	EXHAUST HOOD	HALTON COMPANY	KVE	SEE SHOP DWG	X					120	1	5.0	JB										4,048 CFM EXHAUST; LIGHTING ON SAME POWER CIRCUIT AS 1-015 & 1-046	1-013
	1-014		SPARE																							1-014
	1-015	1	EXHAUST HOOD	HALTON COMPANY	KVE	SEE SHOP DWG	X					120	1	2.9	JB										2,821 CFM EXHAUST; LIGHTING ON SAME POWER CIRCUIT AS 1-013 & 1-046	1-015
	1-016	1	EXHAUST HOOD	HALTON COMPANY	KVE	SEE SHOP DWG	X					120	1	2.1	JB										2,844 CFM EXHAUST; LIGHTING ON SAME POWER CIRCUIT AS 1-004	1-016
	1-017		SPARE																							1-017
	1-018	1	MARBLE TOP PREP COUNTER	FLORIDA STAINLESS FABRICATORS	CUSTOM	MARBLE TOP BY OTHERS; SEE SHOP DWG	X					120	1	(4) 16	JB										(4) 5-20R GFCI RECEPTACLES PRE-WIRED TO (1) JB	1-018
		2	2-DOOR REFRIGERATED BASE									120	1	2.1	JB				1/2"						REFRIGERATION CONNECTED TO 1-208	
		2	REFRIGERATED INGREDIENT RAIL (RAISED, ANGLED)									120	1	1	JB				1"						REFRIGERATION CONNECTED TO 1-208	
	1-019	1	WALL SHELF	FLORIDA STAINLESS FABRICATORS	CUSTOM	WALL MTD @ 60" AFF	X																			1-019
	1-020	1	MARBLE TOP BAKER'S TABLE	FLORIDA STAINLESS FABRICATORS	CUSTOM	W/2-TIER OVERSHELF SUPERSTRUCTURE; MARBLE TOP BY OTHERS; SEE SHOP DWG	X					120	1	16	DIRECT										EC TO CONNECT POWER TO RECEPTACLE IN EQUIPMENT	1-020
△1	1-020A	5	WALL SHELF	FLORIDA STAINLESS FABRICATORS	CUSTOM	WALL MTD @ 12", 24", 36", 48", & 60" AFF; SEE SHOP DWG	X																			1-020A
△1	1-020B	4	WALL SHELF	FLORIDA STAINLESS FABRICATORS	CUSTOM	WALL MTD @ 12", 24", 36",& 48" AFF; SEE SHOP DWG	X																			1-020B
	1-021	1	MOBILE 2-COMPARTMENT COOK & HOLD OVEN	ALTO-SHAAM	1000-TH-II		X					120	1	(2) 16.8	(2) C/P	5-20P										1-021
	1-022	1	MARBLE TOP PREP COUNTER	FLORIDA STAINLESS FABRICATORS	CUSTOM	W/UTILITY SERVICE CHASE & 2-TIER OVERSHELF SUPERSTRUCTURE; MARBLE TOP BY OTHERS; SEE SHOP DWG	X					120	1	(2) 16	JB										EC TO CONNECT POWER TO RECEPTACLES IN EQUIPMENT	1-022
		1	2-SECTION PASS-THROUGH REFRIGERATED BASE									120	1	4	JB				1/2"						REFRIGERATION CONNECTED TO 1-208	
		1	REFRIGERATED INGREDIENT RAIL (RAISED, FLAT)									120	1	1	JB				1"						REFRIGERATION CONNECTED TO 1-208	
	1-023	1	WOOD FIRED PIZZA OVEN	MUGNAINI	140 PA		X																			1-023
	1-024	1	FOOD WARMER	HATCO	GRA-48D3	W/INFINTE CONTROL	X					120	1	13.3	PIGTAIL										PRE-WIRED TO JB IN MECHANICAL SPACE OF 1-022	1-024
	1-025		SPARE																							1-025
	1-026	1	MICROWAVE OVEN	PANASONIC	NE-1054		X					120	1	13.4	C/P	5-15P										1-026
	1-027	1	WALL SHELF	FLORIDA STAINLESS FABRICATORS	CUSTOM	WALL MTD @ 60" AFF	X																			1-027
	1-027A	1	WALL SHELF	FLORIDA STAINLESS FABRICATORS	CUSTOM	WALL MTD @ 60" AFF	X																			1-027A
	1-028	1	MARBLE TOP WORK COUNTER	FLORIDA STAINLESS FABRICATORS	CUSTOM	MARBLE TOP BY OTHERS; SEE SHOP DWG	X					120	1	(2) 16	JB										5-20R GFCI RECEPTACLES PRE-WIRED TO (1) JB	1-028
		1	2-DOOR REFRIGERATED BASE									120	1	2.1	JB				1/2"						REFRIGERATION CONNECTED TO 1-208	
		1	1-DOOR FREEZER BASE									120	1	3.7	JB				1/2"						REFRIGERATION CONNECTED TO 1-208	
		1	REFRIGERATED INGREDIENT RAIL (RAISED, ANGLED)									120	1	1	JB				1"						REFRIGERATION CONNECTED TO 1-208	
	1-029	1	DIPPERWELL W/FAUCET	FISHER MANUFACTURING	3041		X											3/8"	1-1/2"							1-029
	1-030		SPARE																							1-030
	1-031	1	PASS-THROUGH SHELF & FRAME	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X																			1-031
	1-032	1	MARBLE TOP WORK COUNTER W/DROP-IN SINK	FLORIDA STAINLESS FABRICATORS	CUSTOM	MARBLE TOP BY OTHERS; SEE SHOP DWG	X					120	1	(2) 16	DIRECT				1-1/2"						EC TO CONNECT POWER TO RECEPTACLES IN EQUIPMENT	1-032
		2	2-DOOR REFRIGERATED BASE				X					120	1	2.1	JB				1/2"						REFRIGERATION CONNECTED TO 1-208	
	1-032A	1	DECK PRE-RINSE SPRAY	T & S BRASS & BRONZE WORKS	B-0113	W/B-0156 ADD-ON FAUCET & B-0109-01 WALL BRACKET	X										1/2"	1/2"							BACKFLOW PREVENTION DEVICE PROVIDED/INSTALLED BY PC	1-032A
△1	1-033		SPARE																							1-033
	1-034	1	VACUUM PACKAGING MACHINE	BERKEL COMPANY	350D		X					120	1	20	C/P	5-20P										1-034
	1-035	1	FOOD PROCESSOR	DITO	601368		X					120	1	6.3	C/P	5-15P										1-035
	1-036	1	FLOOR TROUGH W/REMOVABLE GRATE	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X													3"						1-036
	1-037	1	FIRE SUPPRESSION SYSTEM	ANSUL	R-102	WALL MTD W/TOP OF CABINET AGAINST FINISHED CLG; SEE HALTON SHOP DWG	X																		SERVES 1-013, 1-015 & 1-046; MECHANICAL GAS VALVE PROVIDED BY BARING/INSTALLED BY PC	1-037
	1-037A	1	REMOTE PULL STATION	ANSUL	4835	RECESSED IN BLDG WALL @ 48" AFF	X																		EC TO VERIFY LOCATION W/LOCAL FIRE OFFICIAL PRIOR TO ROUGH-IN	1-037A
	1-038	1	5-QUART MIXER	KITCHEN AID	KM25G0XWH		X					120	1	3.8	C/P	5-15P										1-038
	1-039	1	WALL SHELF W/UTENSIL RACK	FLORIDA STAINLESS FABRICATORS	CUSTOM	WALL MTD @ 66" AFF	X																			1-039
	1-039A	1	WALL SHELF W/UTENSIL RACK	FLORIDA STAINLESS FABRICATORS	CUSTOM	WALL MTD @ 66" AFF	X																			1-039A
	1-040		SPARE																							1-040
	1-041	1	3-COMPARTMENT SINK	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X												(3) 1-1/2"							1-041
	1-041A	1	BACKSPLASH FAUCET	T & S BRASS & BRONZE WORKS	B-0290	W/B-WH6 WRIST HANDLES	X										3/4"	3/4"								1-041A
△1	1-041B	1	BACKSPLASH PRE-RINSE SPRAY	T & S BRASS & BRONZE WORKS	B-02187-01	W/B-0158 ADD-ON FAUCET & B-0109-01 WALL BRACKET	X										1/2"	1/2"							BACKFLOW PREVENTION DEVICE PROVIDED/INSTALLED BY PC	1-041B
	1-042 - 1-043		SPARE																							1-042 - 1-043
	1-044	1	COUNTER TOP PASTA MACHINE	LA MONFERRINA	PNUOVA		X					208	3	4.32	DIRECT										EC TO PROVIDE/INSTALL 48" CORD W/15-15P PLUG	1-044
	1-045	1	MOBILE TOOL CABINET	LISTA INTERNATIONAL	MP0600-0402FA-M		X																			1-045
△1	1-046	1	EXHAUST HOOD	HALTON COMPANY	OX	SEE SHOP DWG	X					120	1	7.5	JB										4,290 CFM EXHAUST; LIGHTING ON SAME POWER CIRCUIT AS 1-013 & 1-015	1-046
	1-047		SPARE																							1-047
	1-048	1	FLOOR TROUGH W/REMOVABLE GRATE	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X													3"						1-048
	1-049	1	EQUIPMENT STAND	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X																			1-049
	1-050		SPARE																							1-050
	1-051	1	COUNTER TOP 40-QUART STEAM-JACKETED TILTING KETTLE	GROEN	TDB-40	W/DBL PANTRY PRE-RINSE SPRAY FAUCET & MTG BRACKET	X					208	3	30	DIRECT		1/2"	1/2"							BACKFLOW PREVENTION DEVICE PROVIDED/INSTALLED BY PC	1-051
	1-052	1	COUNTER TOP 40-QUART BRAISING PAN	GROEN	TD/FPC	W/DBL PANTRY FAUCET	X					208	3	16	DIRECT		1/2"	1/2"								1-052
	1-053	1	S/S WALL PANELS	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X																			1-053
	1-054		SPARE																							1-054
	1-055	1	40-QUART MIXER	HOBART	HL400	W/TIMER	X					208	3	5.6	DIRECT											1-055
	1-056		SPARE																							1-056
	1-057	3	MOBILE INGREDIENT BIN	RUBBERMAID	3600-88	W/COVER	X																			1-057
△1	1-058		SPARE																							1-058
△1	1-059	1	12" GRIDDLE TOP RANGE W/CABINET BASE	MONTAGUE COMPANY	12-8T	W/SHS-12 BACKGUARD, SGL HIGH SHELF & (2) CASTERS & 1-1/4" FRONT MANIFOLD; IN BATTERY W/1-061 & 1-063; SEE SHOP DRAWING	X														1-1/4"	20			GAS SUPPLY THROUGH INLET ON 1-061	1-059
	1-060		SPARE																							1-060
	1-061	1	36" 2-FRENCH TOP RANGE W/OVEN	MONTAGUE COMPANY	136-9A	W/O BACKGUARD F/RANGE MOUNT SALAMANDER; W/(2) CASTERS, 1-1/4" FRONT MANIFOLD & REAR GAS CONNECTION; IN BATTERY W/1-059 & 1-063; SEE SHOP DRAWING	X														1"	110			GAS PRV PROVIDED BY BARING INSTALLED BY PC	1-061
	1-061A	1	FLEX GAS LINE W/QUICK DISCONNECT & RESTRAINT	DORMONT MANUFACTURING	16100BPQ2S-48	1" X 48"; NOT SHOWN ON DWG	X																			1-061A
	1-062	1	36" SALAMANDER BROILER	MONTAGUE COMPANY	SB36-HB	W/BACKGUARD; MTD TO 1-061; SEE SHOP DRAWING	X														1/2"	32			W/INTERCONNECTING GAS LINE TO 1-061;GAS SUPPLY THROUGH INLET ON 1-061	1-062
	1-063	1	9" SPREADER CABINET	MONTAGUE COMPANY	9-S	W/SHS-9 BACKGUARD, SGL HIGH SHELF, (2) CASTERS & 1-1/4" FRONT MANIFOLD W/R END CAP; IN BATTERY W/1-059 & 1-061; SEE SHOP DRAWING	X																			1-063
△1	1-064	1	1-COMPARTMENT CONVECTION OVEN	MONTAGUE COMPANY	115A	W/MOBILE STAND & RACK GUIDES	X					120	1	7.2	C/P	5-15P					1/2"	115			GAS PRV PROVIDED BY BARING INSTALLED BY PC	1-064
△1	1-064A	1	FLEX GAS LINE W/QUICK DISCONNECT & RESTRAINT	DORMONT MANUFACTURING	1650BPQ2S-48	1/2" X 48"; NOT SHOWN ON DWG	X																			1-064A

ITEM | QTY | DESCRIPTION | MANUFACTURER | MODEL NUMBER | EQUIPMENT REMARKS | BARING | OTHERS | REMAIN | RE-LOCATE | REMOVE | VOLTS | PHASE | AMPS | CONN TYPE | NEMA NUMBER | HOT | COLD | IN-DIRECT | DIRECT | SIZE | MBTU/ HOUR | SUPPLY | RETURN | PROVIDED BY | EXISTING EQUIPMENT | ELECTRICAL | WATER | DRAIN | GAS | COOLING WATER | UTILITY REMARKS | ITEM

BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http//:www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385-4416
FAX (702) 385-4417

PROJECT NAME: **SOHO HOUSE**
PROJECT LOCATION: MIAMI BEACH, FLORIDA
AREA NAME: FIRST FLOOR KITCHEN
SHEET TITLE: **EQUIPMENT SCHEDULE**

REVISION:	BY:	CK BY:	DATE:
△1	ST	JM	08-26-2009
△			
△			
△			
△			
△			

PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-6720
DRAWN BY: MGP
CHECKED BY: JM
DATE: 06-26-2009
SCALE: NONE

SHEET: K1-1
PROJECT NUMBER: 071152

	ITEM	QTY	DESCRIPTION	MANUFACTURER	MODEL NUMBER	EQUIPMENT REMARKS	PROVIDED BY		EXISTING EQUIPMENT			ELECTRICAL					WATER		DRAIN		GAS		COOLING WATER		UTILITY REMARKS	ITEM
							BARING	OTHERS	REMAIN	RE-LOCATE	REMOVE	VOLTS	PHASE	AMPS	CONN TYPE	NEMA NUMBER	HOT	COLD	IN-DIRECT	DIRECT	SIZE	MBTU/ HOUR	SUPPLY	RETURN		
	1-065	1	BLAST CHILLER/SHOCK FREEZER	IRINOX USA	HCMA 51.20	W/CASTERS & SELF-CONTAINED REFRIGERATION	X					208	1	7	C/P	L6-20P			1-1/2"							1-065
	1-066	1	COUNTER TOP ICE CREAM BATCH FREEZER	CARPIGIANI	LB-100B		X					208	1	14	DIRECT										EC TO PROVIDE/INSTALL 48" CORD W/L6-20P PLUG	1-066
	1-067	1	WALK-IN COOLER	BALLY REFRIGERATED BOXES	CUSTOM	SEE SHOP DWG	X					120	1	3.8	JB											1-067
	1-067A	1	WALK-IN FREEZER	BALLY REFRIGERATED BOXES	CUSTOM	SEE SHOP DWG	X					120	1	2.9	JB											1-067A
	1-068	1	WALK-IN COOLER EVAPORATOR COIL	BOHN	ADT120AEK	SEE OMNI SHOP DWG	X					120	1	2	DIRECT				3/4"						REFRIGERATION CONNECTED TO 1-208	1-068
	1-069 - 1-070		SPARE																							1-069 - 1-070
	1-071	1	WALK-IN FREEZER EVAPORATOR COIL	BOHN	LET075BEK	SEE OMNI SHOP DWG	X					208	1	7.8	DIRECT				3/4"						REFRIGERATION CONNECTED TO & POWER SUPPLY FR/1-208	1-071
	1-071A	1	DRAIN LINE HEATER			FLEXIBLE SELF-REGULATING TYPE @ 3 WATTS/FT; NOT SHOWN ON DWG		EC				208	1	2	JB										POWER SUPPLY FR/1-208	1-071A
	1-072	12	MOBILE 4-TIER COLD STORAGE SHELVING UNIT	INTERMETRO INDUSTRIES	METROMAX Q		X																			1-072
	1-073	2	MOBILE PAN RACK	INTERMETRO INDUSTRIES	RS1		X																			1-073
	1-074		SPARE																							1-074
△1	1-075	2	ELECTRIC INSECT KILLER	GARDNER PRODUCTS	AG-969	WALL MTD W/BOTTOM @ 48" AFF		X				120	1	1	C/P	5-15P									EC TO VERIFY UTILITY & CONNECTIONS REQUIREMENTS	1-075
	1-076	1	SOILED DISHTABLE	FLORIDA STAINLESS FABRICATORS	CUSTOM	W/2-SIDED ANGLED DISHRACK SHELF SUPERSTRUCTURE; SEE SHOP DWG	X												1"							1-076
△1	1-077		SPARE																							1-077
	1-078	1	MOBILE 4-TIER CLEAN DISH SHELVING UNIT	INTERMETRO INDUSTRIES	SUPER ERECTA	SUPER ADJUSTABLE; METROSEAL 3	X																			1-078
△1	1-079	2	UNDERCOUNTER DISHMACHINE	HOBART	LXiH	W/70 DEG F TEMPERATURE RISE WATER BOOSTER HEATER	X					120/208	1	37.7	DIRECT		3/4"		3/4"						MINIMUM 110 DEG F WATER SUPPLY; WATER HAMMER ARRESTOR PROVIDED/INSTALLED BY PC	1-079
△1	1-080	1	DISH RACK DOLLY	INTERMETRO INDUSTRIES	CBH-2121C	W/HANDLE	X																			1-080
	1-081	2	FLOOR TROUGH W/REMOVABLE GRATE	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X													(2) 3"						1-081
	1-082	1	CLEAN DISHTABLE W/UNPOWERED CONVEYOR	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X												(2) 1-1/2"							1-082
	1-083	1	SCRAP COLLECTOR	SALVAJOR	S914	W/MACHINE MTD MSS-LD CONTROL PANEL	X					208	3	3.2	DIRECT		1/2"	1/2"		2"					BACKFLOW PREVENTION DEVICE & WATER HAMMER ARRESTOR PROVIDED/INSTALLED BY PC	1-083
	1-084	1	DECK PRE-RINSE SPRAY	T & S BRASS & BRONZE WORKS	B-0113	W/B-0109-01 WALL BRACKET	X										1/2"	1/2"							BACKFLOW PREVENTION DEVICE PROVIDED/INSTALLED BY PC	1-084
	1-085	1	SERVICE FAUCET	T & S BRASS & BRONZE WORKS	B-0655-BSTP	W/INTEGRAL VACUUM BREAKER; WALL MTD W/INLETS @ 24" AFF											1/2"	1/2"								1-085
	1-086	2	VENT DUCT	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X																		200 CFM EXHAUST @ LOAD END & 400 CFM EXHAUST @ UNLOAD END	1-086
	1-087	1	DISHMACHINE	HOBART	C44A	W/ELECTRIC TANK HEAT, SGL POINT ELECTRICAL CONNECTION; VENT FAN CONTROL; TABLE LIMIT SWITCH & (2) VENT HOODS	X					480	3	28.2	DIRECT				2"							1-087
		1	30KW WATER BOOSTER HEATER									480	3	40.1	DIRECT		3/4"								MINIMUM 110 DEG F WATER SUPPLY; WATER HAMMER ARRESTOR PROVIDED BY BARING/INSTALLED BY PC	
	1-087A	1	DRAIN WATER TEMPERING KIT	HOBART	DTW1	MTD @ DRAIN OUTLET OF 1-087; NOT SHOWN ON DWG	X					208	1	2	DIRECT			1/2"								1-087A
	1-088	1	ANGLED DISHRACK SHELF	FLORIDA STAINLESS FABRICATORS	CUSTOM	WALL MTD W/BOTTOM @ 60"; SEE SHOP DWG	X																			1-088
△1	1-089 - 1-092		SPARE																							1-089 - 1-092
	1-093	3	5-TIER DRY STORAGE SHELVING UNIT	INTERMETRO INDUSTRIES	METROMAX Q		X																			1-093
△1	1-094 - 1-095		SPARE																							1-094 - 1-095
	1-096	1	WALL SHELF	FLORIDA STAINLESS FABRICATORS	CUSTOM	WALL MTD @ 66" AFF	X																			1-096
△1	1-097	1	WORK COUNTER W/SINK	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X												1-1/2"							1-097
	1-097A	1	DECK FAUCET	T & S BRASS & BRONZE WORKS	B-0221	W/12" SWING SPOUT	X										1/2"	1/2"								1-097A
△1	1-098		SPARE																							1-098
△1	1-099	1	PREP COUNTER W/SINK & HAND SINK	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X												1-1/2"	1-1/2"					"P" TRAP PROVIDED/INSTALLED BY PC	1-099
△1	1-099A	1	DECK FAUCET	T & S BRASS & BRONZE WORKS	B-0221	W/12" SWING SPOUT	X										1/2"	1/2"								1-099A
△1	1-099B	1	DECK FAUCET	T & S BRASS & BRONZE WORKS	B-0325	W/SWIVEL GOOSENECK SPOUT	X										1/2"	1/2"								1-099B
△1	1-100	1	WALL SHELF	FLORIDA STAINLESS FABRICATORS	CUSTOM	WALL MTD @ 66" AFF	X																			1-100
△1	1-101	1	COUNTER TOP ACCELERATED COOKING OVEN	TURBOCHEF	C3		X					208	1	35	C/P	6-50P										1-101
△1	1-102	1	MOBILE 2-DOOR U/C REFRIGERATOR	SILVER KING	SKR48	W/SELF-CONTAINED REFRIGERATION	X					120	1	3.1	C/P	5-15P										1-102
△1	1-103	1	MOBILE 1-DOOR U/C REFRIGERATOR	SILVER KING	SKR27	W/SELF-CONTAINED REFRIGERATION	X					120	1	2.2	C/P	5-15P										1-103
△1	1-104	1	PANINI GRILL	EQUIPEX	MAJESTIC		X					208	1	18	C/P	L6-30P										1-104
△1	1-105	1	WALL SHELF	FLORIDA STAINLESS FABRICATORS	CUSTOM	WALL MTD @ 66" AFF	X																			1-105
△1	1-106	1	WALL SHELF	FLORIDA STAINLESS FABRICATORS	CUSTOM	WALL MTD @ 66" AFF	X																			1-106
△1	1-107	1	JUICE COUNTER W/SINK	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X												1-1/2"							1-107
△1	1-107A	1	DECK FAUCET	T & S BRASS & BRONZE WORKS	B-0221	W/12" SWING SPOUT	X										1/2"	1/2"								1-107A
△1	1-108		SPARE																							1-108
	1-109	1	ORANGE JUICER	SANTOS	32	W/CASTERS	X					120	1	5	DIRECT										EC TO PROVIDE 48" CORD W/NEMA 5-15P PLUG	1-109
△1	1-110	1	FOOD WARMER	HATCO	GRAH-42	W/INFINITE CONTROL BUILT INTO 1-112	X					120	1	7.92	PIGTAIL											1-110
△1	1-111	1	COLD PICK-UP COUNTER	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X																			1-111
△1	1-112	1	2-TIER HOT PICK-UP STATION	FLORIDA STAINLESS FABRICATORS	CUSTOM	SUSPENDED FR/STRUCTURE ABOVE; BOTTOM SHELF MTD @ 54" AFF; SEE SHOP DWG	X																			1-112
△1	1-113		SPARE																							1-113
	1-114	1	CENTRAL WATER TREATMENT/FILTRATION SYSTEM	EVERPURE	EV9437-11	W/LOW PRESSURE ALARM; WALL MTD W/INLET @ 80" AFF	X					120	1	2	C/P	5-15P		3/4"							SERVES 1-116 & 1-117	1-114
	1-115	1	FLOOR TROUGH W/REMOVABLE GRATE	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X													3"						1-115
	1-116	1	FLAKE ICE MACHINE	HOSHIZAKI	F-801MWH		X					120	1	11.5	DIRECT			1/2"	3/4"				1/2"	3/8"	ICE MAKING WATER SUPPLY THROUGH BLDG WALL FR/1-114	1-116
	1-117	2	CUBE ICE MACHINE	MANITOWOC	SY-1205W		X					208	1	25	DIRECT			3/8"	(2) 1/2"				3/8"	1/2"	ICE MAKING WATER SUPPLY THROUGH BLDG WALL FR/1-114	1-117
	1-118	1	ICE BIN	FOLLETT	SG1325S-60		X												1"							1-118
	1-119		SPARE																							1-119
	1-120	1	ICE BIN	HOSHIZAKI	B-800SF	W/LEGS & HS-2032 & HS-2035 TOP KITS	X												3/4"							1-120
	1-121	1	FLOOR TROUGH W/REMOVABLE GRATE	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X													3"						1-121
	1-122	1	MOBILE 4-TIER COLD STORAGE SHELVING UNIT	INTERMETRO INDUSTRIES	SUPER ERECTA	S/S	X																			1-122
	1-22A	3	4-TIER COLD STORAGE SHELVING UNIT	INTERMETRO INDUSTRIES	SUPER ERECTA	S/S	X																			1-122A
	1-123	1	WALK-IN COOLER	BALLY REFRIGERATED BOXES	CUSTOM	SEE SHOP DWG	X					120	1	3.44	JB											1-123
	1-124	1	WALK-IN COOLER EVAPORATOR COIL	BOHN	ADT070AEK	SEE OMNI SHOP DWG	X					120	1	2	DIRECT				3/4"						REFRIGERATION CONNECTED TO 1-208	1-124
	1-125	1	MOP SINK					PC												3"					PC TO VERIFY UTILITY & CONNECTION REQUIREMENTS	1-125
	1-125A	1	MOP SINK FAUCET			WALL MTD W/INLETS @ 36" AFF		PC									1/2"	1/2"							PC TO VERIFY UTILITY & CONNECTION REQUIREMENTS	1-125A
	1-126	1	WORK COUNTER	FLORIDA STAINLESS FABRICATORS	CUSTOM	SEE SHOP DWG	X																			1-126
	1-127	1	WALL CABINET	ADVANCE TABCO	WCS-15-60	WALL MTD W/BOTTOM @ 51" AFF	X																			1-127
	1-128	1	MOBILE RECEIVING SCALE	DETECTO	8852F-204	W/AC ADAPTER	X					120	1	2	C/P	5-15P										1-128
△1	1-129	1	WORK COUNTER	MILLWORK	CUSTOM			X																		1-129
△1	1-130	1	1-DOOR REACH-IN REFRIGERATOR	TRAULSEN	RHT132WUT-FHS	W/SELF-CONTAINED REFRIGERATION & FULL HT DOOR	X					120	1	8	C/P	5-15P										1-130
△1	1-131	1	2-DOOR REACH-IN REFRIGERATOR	TRAULSEN	RHT232WUT-FHS	W/SELF-CONTAINED REFRIGERATION & FULL HT DOOR	X					120	1	11.1	C/P	5-15P										1-131
△1	1-132	1	2-DOOR REACH-IN FREEZER	TRAULSEN	RLT232WUT-FHS	W/SELF-CONTAINED REFRIGERATION & FULL HT DOOR	X					120	1	14.9	C/P	5-20P										1-132
△1	1-133	1	WALL SHELF	MILLWORK	CUSTOM	WALL MTD @ 66" AFF		X																		1-133
△1	1-134	1	48" 2-DOOR WORKTOP REFRIGERATOR	DELFIELD	ST4048	W/SELF-CONTAINED REFRIGERATION	X					120	1	4	C/P	5-15P										1-134

ITEM | QTY | DESCRIPTION | MANUFACTURER | MODEL NUMBER | EQUIPMENT REMARKS | BARING | OTHERS | REMAIN | RE-LOCATE | REMOVE | VOLTS | PHASE | AMPS | CONN TYPE | NEMA NUMBER | HOT | COLD | IN-DIRECT | DIRECT | SIZE | MBTU/ HOUR | SUPPLY | RETURN | PROVIDED BY | EXISTING EQUIPMENT | ELECTRICAL | WATER | DRAIN | GAS | COOLING WATER | UTILITY REMARKS | ITEM

BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http//:www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385-4416
FAX (702) 385-4417

PROJECT NAME: **SOHO HOUSE**
PROJECT LOCATION: MIAMI BEACH, FLORIDA
AREA NAME: FIRST FLOOR KITCHEN

SHEET TITLE: **EQUIPMENT SCHEDULE**

REVISION:	BY:	CK BY:	DATE:
△1	ST	JM	08-26-2009
△2	.	.	.
△3	.	.	.
△4	.	.	.
△5	.	.	.
△6	.	.	.

PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-6720
DRAWN BY: MGP
CHECKED BY: JM
DATE: - 06-26-2009
SCALE: NONE

SHEET K1-2

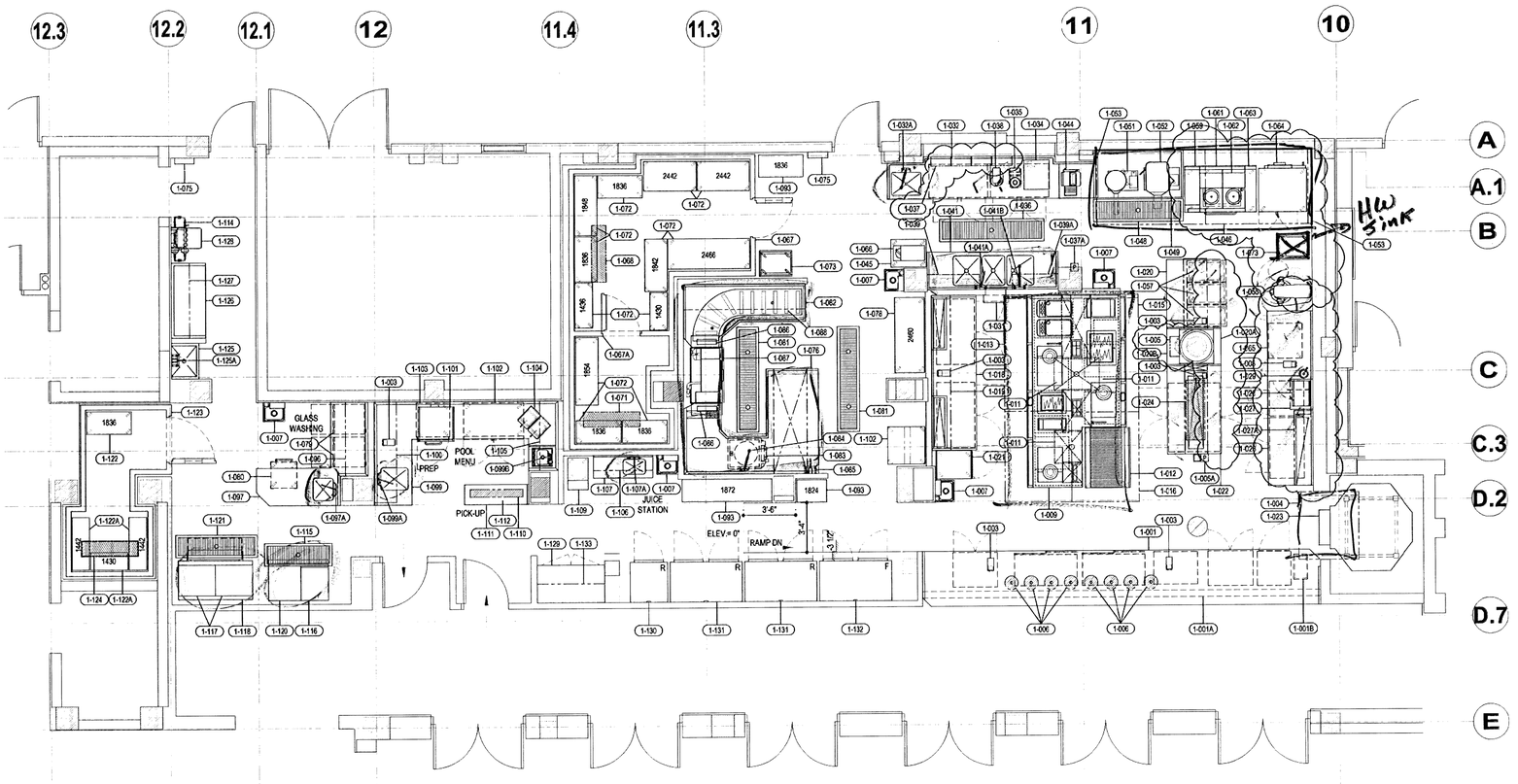
PROJECT NUMBER 071152

Plot date: 8/26/2009 3:45:44 PM Path: F:\FOODSERVICE\FS-PROJECTS\2007\SOHO HOUSE (071152)\K1 - MAIN KITCHEN\REVISION 1 (8-XX-09)\071152 - K1 MAIN KITCHEN REVISIO
STEVETESTA

GENERAL NOTES

1. REFER TO THE PROJECT ARCHITECTURAL, ELECTRICAL, INTERIOR DESIGN, MECHANICAL & PLUMBING DRAWINGS FOR ACTUAL CONSTRUCTION CONDITIONS & DETAILS.
2. M..IUFACTURER'S SHOP DRAWINGS & SPECIFICATION SHEETS ARE PROVIDED BY BARING INDUSTRIES & ARE TO BE CONSIDERED A PART OF THESE DRAWINGS.
3. BUILDING WALLS & DIMENSIONS MATCH THE ARCHITECTURAL DRAWINGS PROVIDED TO BARING UNLESS OTHERWISE NOTED.
4. THESE DRAWINGS INDICATE THE EXTENT OF WORK INCLUDED IN BARING INDUSTRIES' SCOPE OF WORK & DO NOT NECESSARILY INCLUDE WORK REQUIRED FOR THE FULL PERFORMANCE & COMPLETION OF THE PROJECT CONTRACT DOCUMENTS.
5. UTILITY & CONNECTION REQUIREMENTS & BUILDING SPECIAL CONDITIONS FOR EQUIPMENT NOT PROVIDED BY BARING INDUSTRIES ARE TO BE VERIFIED WITH THE PROVIDER BY THE APPLICABLE GENERAL, ELECTRICAL, MECHANICAL & PLUMBING CONTRACTORS.
6. DIMENSIONS ARE FROM SURFACE OF FINISHED WALLS, FLOORS, CEILINGS & COLUMN CENTERLINES. DIMENSIONS ARE TO BE VERIFIED BY ALL CONTRACTORS PRIOR TO COMMENCING ANY WORK.
7. DIMENSIONS ARE CLEAR FINISHED SURFACE TO FINISHED SURFACE UNLESS OTHERWISE NOTED.
8. ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE & LOCAL CODES & ANY GOVERNING OFFICIAL HAVING JURISDICTION.
9. IN THE EVENT IT IS NECESSARY TO DEVIATE FROM BARING'S DRAWINGS, THE CONTRACTOR SHALL NOTIFY BARING INDUSTRIES IN WRITING PRIOR TO MAKING THE DEVIATION.
10. ELECTRICAL & MECHANICAL UTILITY SERVICES & CONNECTIONS HAVE BEEN LOCATED TO SUIT THE REQUIREMENTS OF THE FOODSERVICE EQUIPMENT.
11. CONNECTION REQUIREMENTS, CONNECTED LOAD & CONSUMPTION VALUES IN THE EQUIPMENT SCHEDULE ARE FOR (1) UNIT. TO DETERMINE THE TOTAL REQUIREMENTS, MULTIPLY BY THE QUANTITY IN THE EQUIPMENT SCHEDULE.
12. ROUGH-IN SIZES & LOCATIONS SHOWN IN THESE DRAWINGS ARE BASED ON INFORMATION PROVIDED TO BARING. ACTUAL SIZES & LOCATIONS MAY VARY DEPENDING ON PREVAILING CODES, STANDARDS & SITE CONDITIONS.
13. QUARRY TILE FLOORS SHALL BE ACID WASHED & THOROUGHLY FLUSHED WITH CLEAN WATER PRIOR TO THE DELIVERY & SET-IN-PLACE OF ANY FOODSERVICE EQUIPMENT. DAMAGE CAUSED BY ACID BASED CLEANING/ETCHING AGENTS ARE NOT COVERED UNDER ANY WARRANTY.
14. THE GENERAL CONTRACTOR SHALL PROVIDE PENETRATIONS & OPENINGS SIZED TO FIT EQUIPMENT SHOWN IN THESE DRAWINGS.
15. PRIOR TO DELIVERY & SET-IN-PLACE OF ANY FOODSERVICE EQUIPMENT, THE GENERAL CONTRACTOR SHALL PROVIDE THE FOLLOWING MINIMUM BUILDING READINESS ITEMS:

A. CEILING GRIDS INSTALLED.
B. LIGHTING FIXTURES INSTALLED & WIRED.
C. HVAC DIFFUSERS & DUCTWORK INSTALLED.
D. FLOOR ACID WASHED & BROOM SWEPT.
E. WALL FINISHES INSTALLED ON EXPOSED WALL SURFACES.
F. ELECTRICAL WIRING PULLED TO ROUGH-IN LOCATIONS SHOWN IN THESE DRAWINGS.
G. PLUMBING PIPING INSTALLED TO ROUGH-IN LOCATIONS SHOWN IN THESE DRAWINGS.
H. GAS, STEAM & WATER PIPING PRESSURE TESTED & FLUSHED FREE OF FOREIGN MATTER.



FOOD SERVICE PLAN APPROVED
Reviewer [illegible] Date 10/23/09
This approval is contingent upon:
1) Connection to approved water and wastewater systems.
2) Compliance with applicable state and local codes.
3) Compliance with all provisions on application worksheet.
See comments on Application Sheet
File # 23923

BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http://www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3245 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
436 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 629-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385- 4416
FAX (702) 385-4417

PROJECT NAME: **SOHO HOUSE**
PROJECT LOCATION: MIAMI BEACH, FLORIDA
AREA NAME: FIRST FLOOR KITCHEN

SHEET TITLE: **EQUIPMENT PLAN**

REVISION	BY:	CK BY:	DATE:
1			
2			
3			
4			
5			
6			

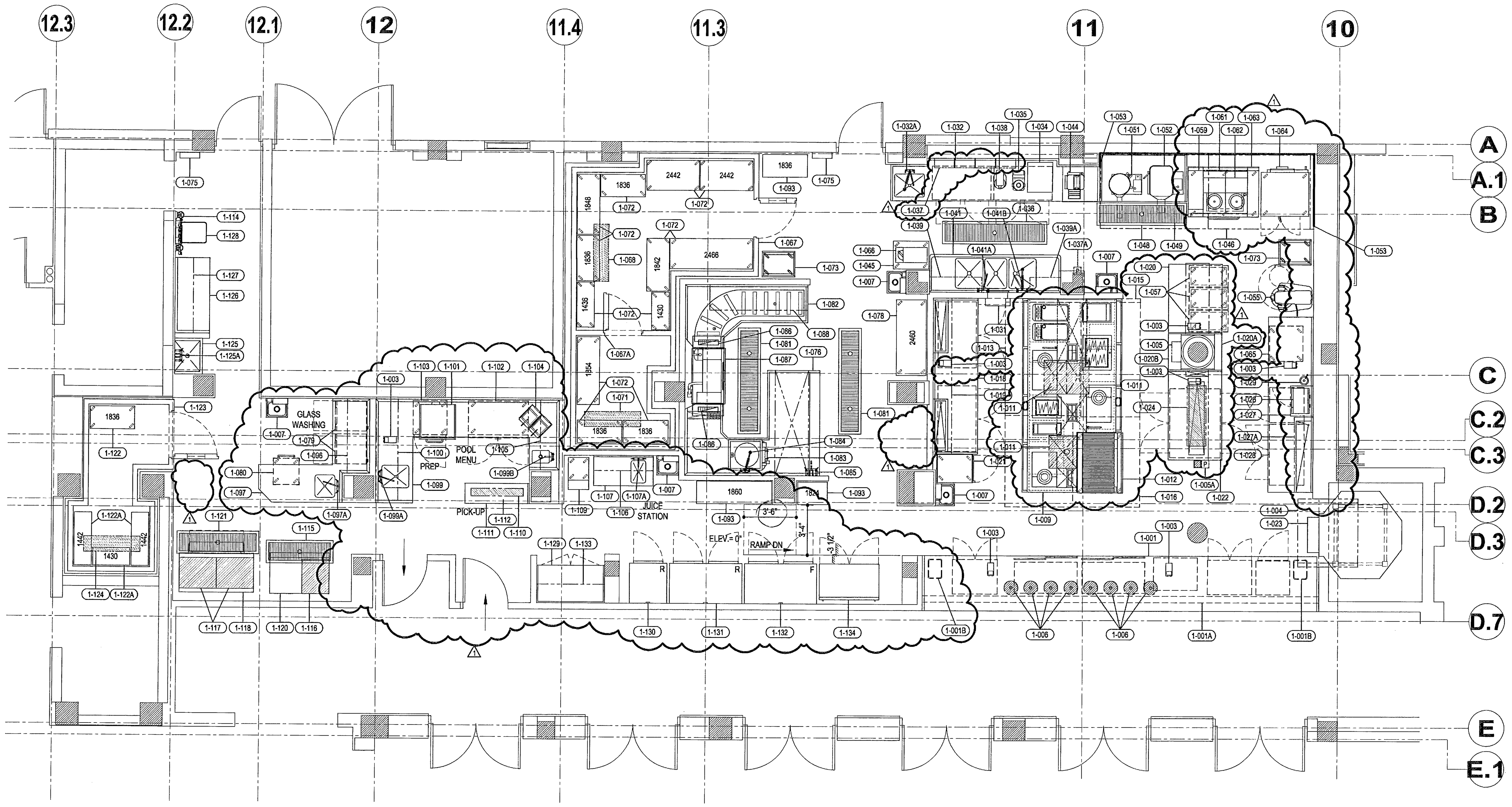
PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-5720
DRAWN BY: ST
CHECKED BY: MGP
DATE: 06-26-2009
SCALE: 1/4" =1'-0"

SHEET: K1-3
PROJECT NUMBER: 071152

GENERAL NOTES

1. REFER TO THE PROJECT ARCHITECTURAL, ELECTRICAL, INTERIOR DESIGN, MECHANICAL & PLUMBING DRAWINGS FOR ACTUAL CONSTRUCTION CONDITIONS & DETAILS.
2. MANUFACTURER'S SHOP DRAWINGS & SPECIFICATION SHEETS ARE PROVIDED BY BARING INDUSTRIES & ARE TO BE CONSIDERED A PART OF THESE DRAWINGS.
3. BUILDING WALLS & DIMENSIONS MATCH THE ARCHITECTURAL DRAWINGS PROVIDED TO BARING UNLESS OTHERWISE NOTED.
4. THESE DRAWINGS INDICATE THE EXTENT OF WORK INCLUDED IN BARING INDUSTRIES' SCOPE OF WORK & DO NOT NECESSARILY INCLUDE WORK REQUIRED FOR THE FULL PERFORMANCE & COMPLETION OF THE PROJECT CONTRACT DOCUMENTS.
5. UTILITY & CONNECTION REQUIREMENTS & BUILDING SPECIAL CONDITIONS FOR EQUIPMENT NOT PROVIDED BY BARING INDUSTRIES ARE TO BE VERIFIED WITH THE PROVIDER BY THE APPLICABLE GENERAL, ELECTRICAL, MECHANICAL & PLUMBING CONTRACTORS.
6. DIMENSIONS ARE FROM SURFACE OF FINISHED WALLS, FLOORS, CEILINGS & COLUMN CENTERLINES. DIMENSIONS ARE TO BE VERIFIED BY ALL CONTRACTORS PRIOR TO COMMENCING ANY WORK.
7. DIMENSIONS ARE CLEAR FINISHED SURFACE TO FINISHED SURFACE UNLESS OTHERWISE NOTED.
8. ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE & LOCAL CODES & ANY GOVERNING OFFICIAL HAVING JURISDICTION.
9. IN THE EVENT IT IS NECESSARY TO DEVIATE FROM BARING'S DRAWINGS, THE CONTRACTOR SHALL NOTIFY BARING INDUSTRIES IN WRITING PRIOR TO MAKING THE DEVIATION.
10. ELECTRICAL & MECHANICAL UTILITY SERVICES & CONNECTIONS HAVE BEEN LOCATED TO SUIT THE REQUIREMENTS OF THE FOODSERVICE EQUIPMENT.
11. CONNECTION REQUIREMENTS, CONNECTED LOAD & CONSUMPTION VALUES IN THE EQUIPMENT SCHEDULE ARE FOR (1) UNIT. TO DETERMINE THE TOTAL REQUIREMENTS, MULTIPLY BY THE QUANTITY IN THE EQUIPMENT SCHEDULE.
12. ROUGH-IN SIZES & LOCATIONS SHOWN IN THESE DRAWINGS ARE BASED ON INFORMATION PROVIDED TO BARING. ACTUAL SIZES & LOCATIONS MAY VARY DEPENDING ON PREVAILING CODES, STANDARDS & SITE CONDITIONS.
13. QUARRY TILE FLOORS SHALL BE ACID WASHED & THOROUGHLY FLUSHED WITH CLEAN WATER PRIOR TO THE DELIVERY & SET-IN-PLACE OF ANY FOODSERVICE EQUIPMENT. DAMAGE CAUSED BY ACID BASED CLEANING/ETCHING AGENTS ARE NOT COVERED UNDER ANY WARRANTY.
14. THE GENERAL CONTRACTOR SHALL PROVIDE PENETRATIONS & OPENINGS SIZED TO FIT EQUIPMENT SHOWN IN THESE DRAWINGS.
15. PRIOR TO DELIVERY & SET-IN-PLACE OF ANY FOODSERVICE EQUIPMENT, THE GENERAL CONTRACTOR SHALL PROVIDE THE FOLLOWING MINIMUM BUILDING READINESS ITEMS:

    A. CEILING GRIDS INSTALLED.
    B. LIGHTING FIXTURES INSTALLED & WIRED.
    C. HVAC DIFFUSERS & DUCTWORK INSTALLED.
    D. FLOOR ACID WASHED & BROOM SWEPT.
    E. WALL FINISHES INSTALLED ON EXPOSED WALL SURFACES.
    F. ELECTRICAL WIRING PULLED TO ROUGH-IN LOCATIONS SHOWN IN THESE DRAWINGS.
    G. PLUMBING PIPING INSTALLED TO ROUGH-IN LOCATIONS SHOWN IN THESE DRAWINGS.
    H. GAS, STEAM & WATER PIPING PRESSURE TESTED & FLUSHED FREE OF FOREIGN MATTER.



BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http//:www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385-4416
FAX (702) 385-4417

PROJECT NAME: SOHO HOUSE
PROJECT LOCATION: MIAMI BEACH, FLORIDA
AREA NAME: FIRST FLOOR KITCHEN

SHEET TITLE: EQUIPMENT PLAN

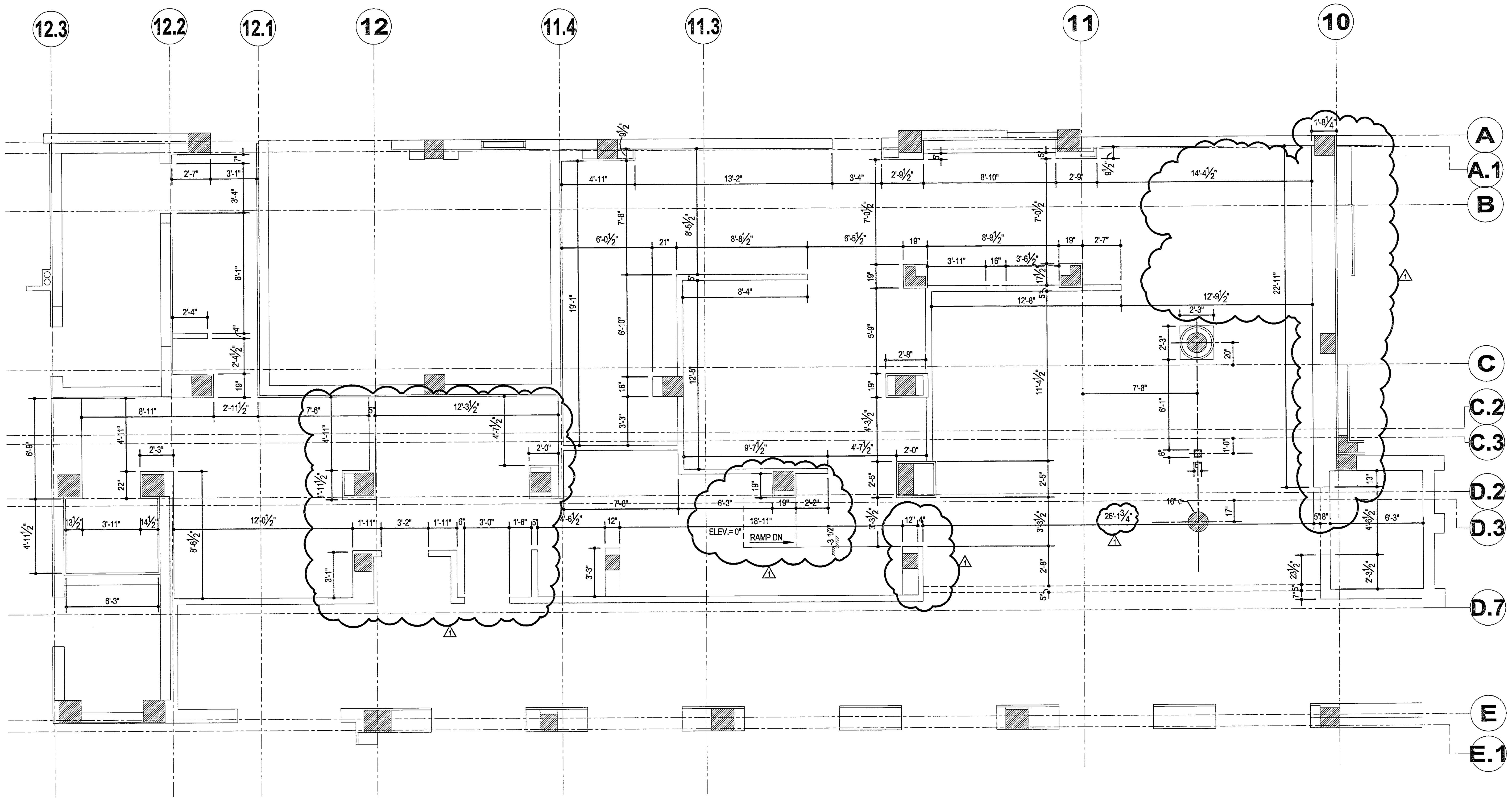
REVISION:	BY:	CK BY:	DATE:
1	ST	JM	08-26-2009
2	.	.	.
3	.	.	.
4	.	.	.
5	.	.	.
6	.	.	.

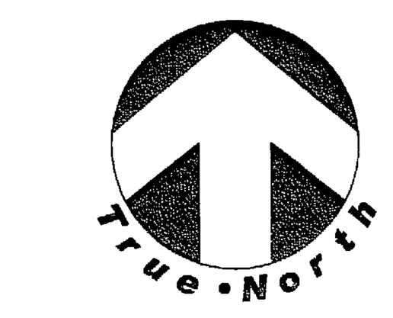
PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-6720
DRAWN BY: ST
CHECKED BY: JM
DATE: - 06-26-2009
SCALE: 1/4" =1'-0"

SHEET K1-3

PROJECT NUMBER 071152

Plot date: 8/26/2009 3:54:02 PM Path: F:\FOODSERVICE\FS-PROJECTS\2007\SOHO HOUSE (071152)\K1 - MAIN KITCHEN\REVISION 1 (8-XX-09)\071152 - K1 MAIN KITCHEN REVISION
STEVETESTA





BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http//:www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385-4416
FAX (702) 385-4417

PROJECT NAME
SOHO HOUSE

PROJECT LOCATION
MIAMI BEACH, FLORIDA

AREA NAME
FIRST FLOOR
KITCHEN

SHEET TITLE
ARCHITECTURAL PLAN

REVISION:	BY:	CK BY:	DATE:
1	ST	JM	08-26-2009
2	.	.	.
3	.	.	.
4	.	.	.
5	.	.	.
6	.	.	.

PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-6720
DRAWN BY: ST
CHECKED BY: JM
DATE: - 06-26-2009
SCALE: 1/4" =1'-0"

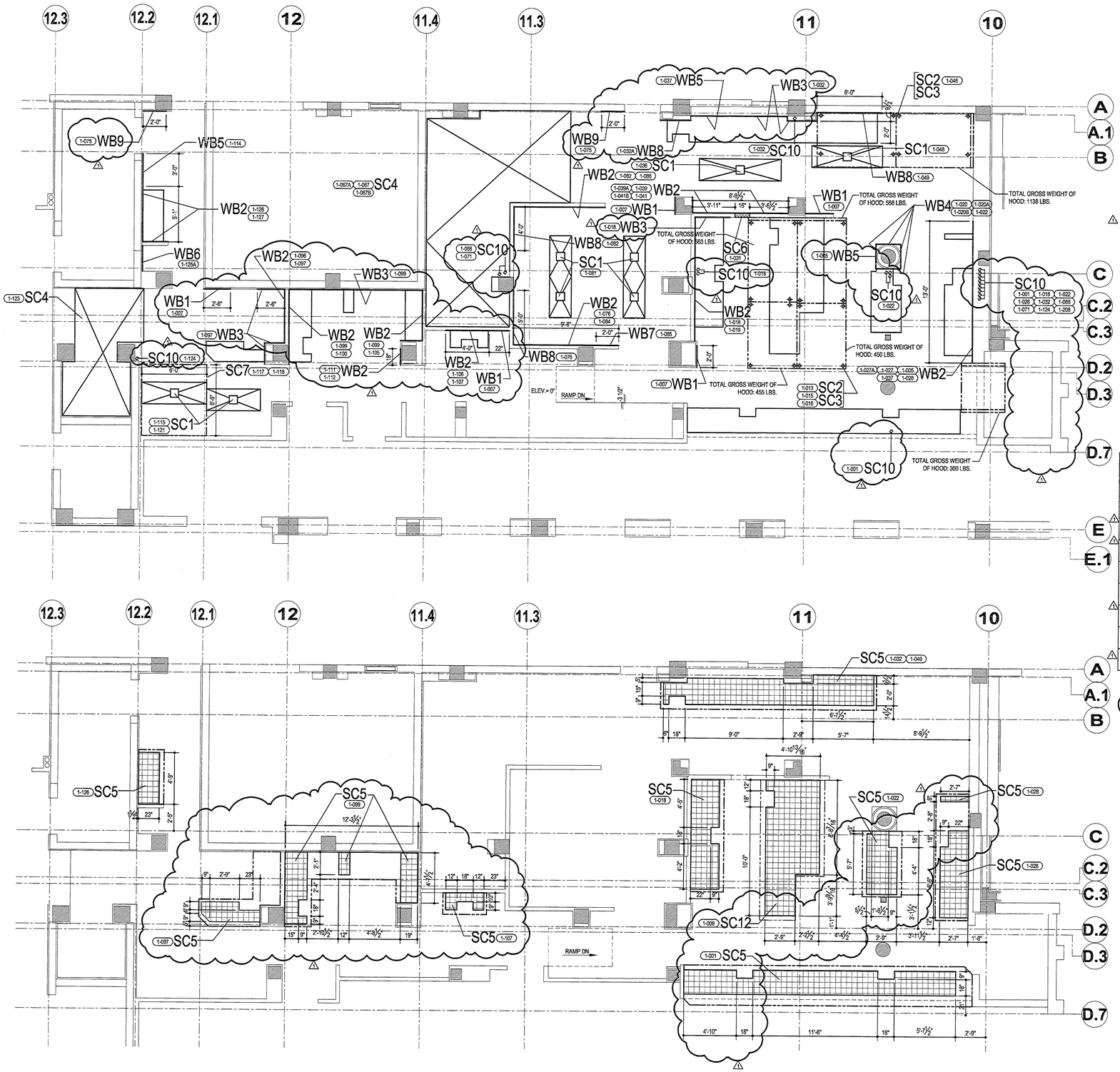
SHEET
K1-4

PROJECT NUMBER
071152

Plot date: 8/28/2009 3:43:28 PM Path: F:\FOODSERVICE\FS-PROJECTS\2007\SOHO HOUSE (071152)\K1 - MAIN KITCHEN\REVISION 1 (8-XX-09)\071152 - K1 MAIN KITCHEN REVISION
STEVETESTA

SPECIAL CONDITIONS NOTES

1. CONCRETE & MASONRY BASES & CURBS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR & SHALL BE TROWEL SMOOTH & LEVEL +/- 1/8".
2. WALL BACKING SUITABLE FOR SUPPORTING WALL-MOUNTED EQUIPMENT PROVIDED & INSTALLED BY THE GENERAL CONTRACTOR.
3. SLEEVES PENETRATING ANY WALL, FLOOR OR ROOF SHALL BE PROVIDED & INSTALLED BY THE GENERAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE CODE(S) & GOVERNING OFFICIAL HAVING JURISDICTION
4. BEVERAGE CONDUIT RUNS SHOWN ARE SCHEMATIC. PROVIDER TO VERIFY ROUTING, MATERIAL, DIAMETER & PULL BOX REQUIREMENTS WITH BEVERAGE SYSTEM CONTRACTOR(S) PRIOR TO INSTALLING CONDUIT.
5. DEPRESSIONS & PITS FOR WALK-IN BOXES SHALL BE TROWEL SMOOTH & LEVEL +/- 1/8".
6. FINISHED FLOOR SURFACES UNDER ROLL-IN EQUIPMENT SHALL BE LEVEL +/- 1/8".
7. WALL SURFACES AROUND RECESSED CONTROL PANELS SHALL BE LEFT OPEN & UNFINISHED UNTIL THE CONTROL PANELS HAVE BEEN INSTALLED.
8. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, CURBS/RACKS/DUNNAGE FOR ROOF-MOUNTED EQUIPMENT SHALL BE PROVIDED & INSTALLED BY THE GENERAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE CODE(S) & ANY GOVERNING OFFICIAL HAVING JURISDICTION.
9. UNLESS OTHERWISE NOTED IN THESE DRAWINGS BUILDING STRUCTURAL SUPPORT SUITABLE FOR SUPPORTING CEILING SUSPENDED EQUIPMENT SHALL BE PROVIDED & INSTALLED BY THE GENERAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE CODE(S) & ANY GOVERNING OFFICIAL HAVING JURISDICTION.



SPECIAL CONDITIONS NOTES

SC1	DEPRESSED PIT IN FLOOR F/FLOOR TROUGH W/9" X 9" HOLE THROUGH SLAB FOR WASTE DRAIN - SEE DETAIL THIS SHEET & VERIFY FLOOR TROUGH SIZE W/FLOOR TROUGH SHOP DRAWING
SC2	APPROXIMATE HANGER ROD LOCATION & QUANTITY ABOVE EQUIPMENT. ARCHITECT/ENGINEER TO DESIGN & GC TO PROVIDE STRUCTURAL SUPPORT ABOVE ADEQUATE TO SUPPORT EQUIPMENT, ARCHITECT/ENGINEER/GC TO VERIFY QTY. & LOCATION OF HANGER RODS & WT TO BE SUPPORTED.
SC3	ALL CONTRACTORS TO VERIFY HANGER ROD LOCATIONS & MECHANICAL/ELECTRICAL CONNECTION POINTS BEFORE COMMENCING ANY WORK ABOVE CEILING SUSPENDED EQUIPMENT.
SC4	DEPRESSED PIT IN FLOOR F/WALK-IN BOX W/PRE-FABRICATED FLOOR - SEE DEPRESSION DETAIL THIS SHEET
SC5	6"(H) CONCRETE FILLED METAL CURB F/EQUIPMENT - TOP OF CURB TO BE TROWLED S/MOOTH & LEVELED TO +/- 1/8"
SC6	16" (W) X 12" (H) X 7" (D) PASS-THRU IN BUILDING WALL W/SILL @ 44" AFF F/EQUIPMENT - VERIFY SIZE/LOCATION W/MANUFACTURER'S SHOP DRAWING
SC7	86" (H) CEILING POCKET REQUIRED TO ACCOMMODATE EQUIPMENT
SC8	60" (W) X 38" (H) X 7" (D) PASS-THRU IN BUILDING WALL W/SILL @ 42" AFF F/EQUIPMENT - VERIFY SIZE/LOCATION W/MANUFACTURER'S SHOP DRAWING
SC9	GENERAL CONTRACTOR TO PROVIDE STRUCTURAL SUPPORT ABOVE FOR CEILING HUNG EQUIPMENT - SEE EQUIPMENT SHOP DRAWING FOR MOUTING INFORMATION
SC10	3" DIA CONDUIT THROUGH FLOOR SLAB FOR REFRIGERATION LINES
SC11	NOT USED
SC12	4"(H) CONCRETE CURB F/EQUIPMENT FORMED BY G.C. - TOP OF CURB TO BE TROWLED S/MOOTH & LEVELED TO +/- 1/8"

WALL BACKING NOTES

WB1	48"(H) WALL BACKING W/BOTTOM @ 24" AFF
WB2	48"(H) WALL BACKING W/BOTTOM @ 36" AFF
WB3	12"(H) WALL BACKING W/BOTTOM @ 36" AFF
WB4	66"(H) WALL BACKING W/TOP @ 6" AFF
WB5	36"(H) WALL BACKING W/TOP @ FINISHED CEILING
WB6	24"(H) WALL BACKING W/BOTTOM @ 18" AFF
WB7	24"(H) WALL BACKING W/BOTTOM @ 6" AFF
WB8	24"(H) WALL BACKING W/BOTTOM @ 36" AFF
WB9	42"(H) WALL BACKING W/BOTTOM @ 42" AFF

SPECIAL CONDITION LEGEND

SLEEVE	
SLAB DEPRESSION	
RAISED CURB	
WALL RECESS	
LOW PARTITION WALL	
WALL BACKING	
OVERHEAD BEVERAGE CONDUIT	
BELOW FLOOR BEVERAGE CONDUIT	
BEVERAGE CONDUIT STUB	
HOOD HANGER ROD	
ABOVE FINISHED FLOOR	AFF
DROP FROM ABOVE	DFA
BELOW FINISHED FLOOR	BFF

True North

BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http://www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-8926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 105
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385- 4416
FAX: (702) 385-4417

PROJECT NAME: **SOHO HOUSE**
PROJECT LOCATION: MIAMI BEACH, FLORIDA
AREA NAME: FIRST FLOOR KITCHEN

SHEET TITLE: **SPECIAL CONDITIONS PLAN EQUIPMENT BASE PLAN**

REVISION:	BY:	CK BY:	DATE:
1	ST	JM	06-26-2009
2			
3			
4			
5			
6			
7			

PROJ. MGR:	FRANK MURPHY
COORDINATOR:	PATRICIA TEPPER
TELEPHONE:	954-327-6720
DRAWN BY:	ST
CHECKED BY:	JM
DATE: -	06-26-2009
SCALE:	1/4" =1'-0"

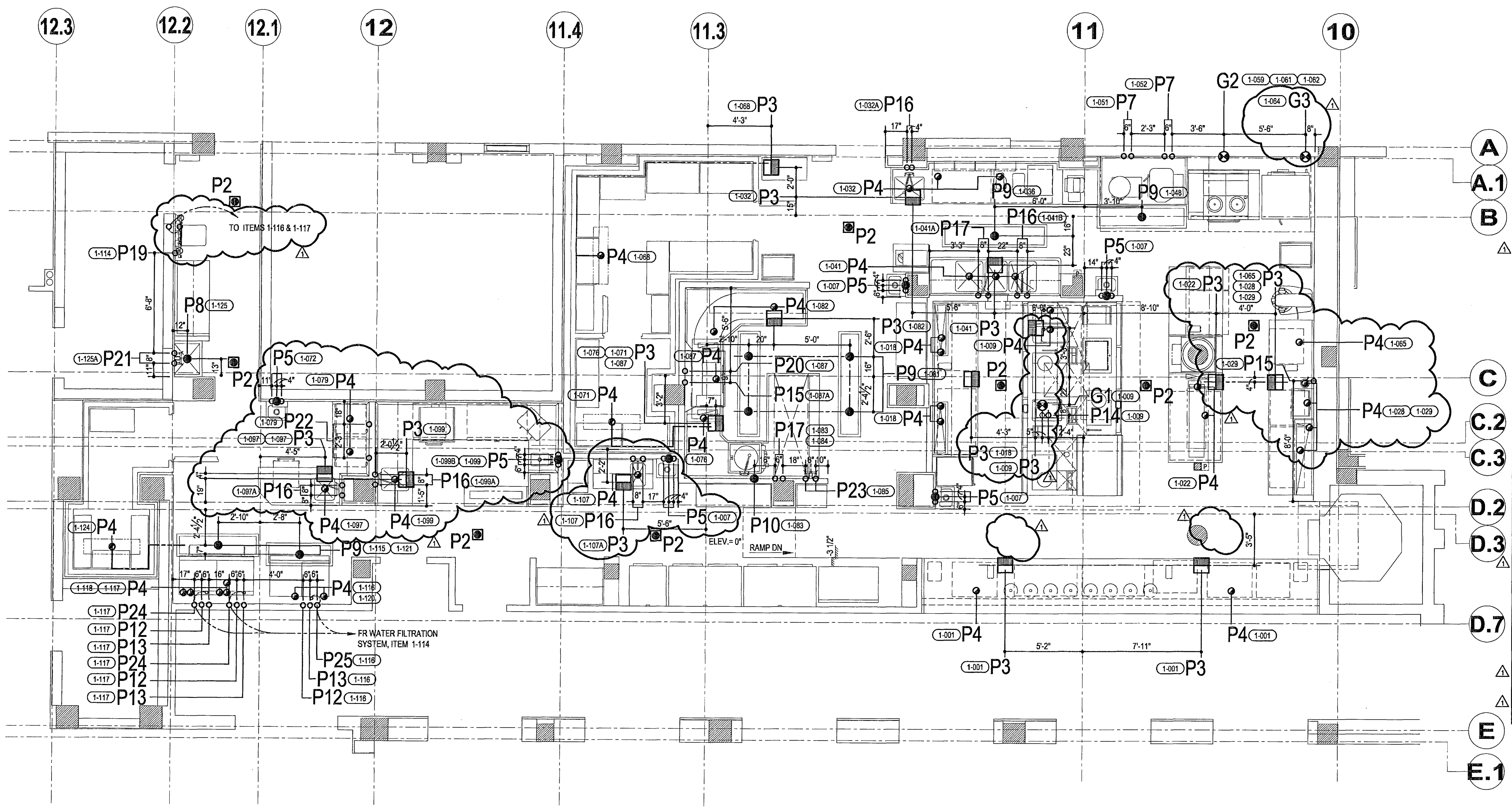
SHEET: K1-5

PROJECT NUMBER: 071152

PLUMBING NOTES

1. UTILITIES SHOWN ARE THE MINIMUM REQUIRED FOR THE FOODSERVICE EQUIPMENT. LOCATION, QUANTITY & SIZE OF ADDITIONAL UTILITIES, IF DESIRED/REQUIRED, ARE TO BE PROVIDED BY OTHERS.
2. FINAL CONNECTIONS TO EQUIPMENT, INTER-CONNECTIONS BETWEEN COMPONENTS & INSTALLING DRAINS/FAUCETS ARE INCLUDED IN THE PLUMBING CONTRACTOR'S SCOPE OF WORK.
3. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, COMPONENTS SUCH AS (BUT NOT LIMITED TO) PIPE, TRAPS, VALVES, WATER HAMMER ARRESTORS, PRESSURE REDUCING VALVES, PRESSURE REGULATING VALVES & GUAGES SHALL BE PROVIDED & INSTALLED BY THE PLUMBING CONTRACTOR.
4. UNLESS OTHERWISE NOTED IN THESE DRAWINGS OR AS RESTRICTED BY CODE, UTILITIES SHALL BE CONCEALED IN & STUBBED OUT OF BUILDING WALLS.
5. COMPONENTS SUCH AS (BUT NOT LIMITED TO) TRAPS, VALVES, WATER HAMMER ARRESTORS, PRESSURE REDUCING VALVES, PRESSURE REGULATING VALVES & GUAGES SHALL BE LOCATED SO THAT THEY DO NOT INTERFERE WITH THE OPERATION OF THE EQUIPMENT.
6. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, WATER PRESSURE AT CONNECTION POINTS ON THE EQUIPMENT SHALL NOT EXCEED:
   A. 25 PSI FOR DISHMACHINES & WATER BOOSTER HEATERS
   B. 50 PSI FOR ALL OTHER EQUIPMENT

   & SHALL COMPLY WITH THE MANUFACTUER'S WATER FLOW REQUIREMENTS.
7. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, HOT WATER SUPPLY TO DISH & WAREWASHING EQUIPMENT & WATER BOOSTER HEATERS SHALL BE 120 DEG F (+/- 5 DEG F) AT THE CONNECTION POINT ON THE EQUIPMENT.
8. THE PLUMBING CONTRACTOR SHALL PROVIDE A WATER HAMMER ARRESTOR AT ALL WATER HEATERS AND DISHMACHINE/WATER BOOSTER HEATER LOCATIONS.
9. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, THE PLUMBING CONTRACTOR SHALL PROVIDE & INSTALL BACKFLOW PREVENTION DEVICES AS REQUIRED BY APPLICABLE CODE(S) AND GOVERNING OFFICIALS HAVING JURISDICTION.
10. EXPOSED PORTIONS OF CHILLED/COOLING WATER & HOT WATER PIPING SHALL BE INSULATED BY THE PLUMBING CONTRACTOR.
11. GAS, STEAM & WATER PIPING SHALL BE BE PRESSURE TESTED, FLUSHED FREE OF FOREIGN MATTER & LINE STRAINERS CLEANED BY THE PLUMBING CONTRACTOR PRIOR TO CONNECTION TO THE EQUIPMENT.
12. GREASE TRAPS ARE TO BE LOCATED & INSTALLED SO THEY ARE ACCESSIBLE & COVER(S) REMOVED WITHOUT INTERFEREING IN THE OPERATION OF THE EQUIPMENT OR WITH ANY ELECTRICAL, MECHANICAL OR PLUMBING UTILITY.
13. CONDENSATE DRAIN PIPING SHALL BE TRAPPED OUTSIDE OF THE REFRIGERATED COMPARTMENT & EXTENDED TO AN INDIRECT BUILDING WASTE DRAIN.
14. CONDENSATE DRAIN PIPING FROM WALK-IN EVAPORATOR COILS SHALL BE PROVIDED, INSTALLED & INSULATED BY THE PLUMBING CONTRACTOR.
15. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, CONDENSATE DRAIN PIPING FROM REFRIGERATED EQUIPMENT NOT EQUIPPED WITH A CONDENSATE EVAPORATOR SHALL BE PROVIDED & INSTALLED BY THE PLUMBING CONTRACTOR.
16. DRAIN PIPING FROM WASTE DISPOSAL EQUIPMENT SUCH AS DISPOSERS/PULPERS SHALL BE PROVIDED WITH CLEAN-OUT FITTINGS.
17. PLUMBING CONTRACTOR TO PROVIDE & INSTALL A MAIN FUEL GAS SHUT-OFF VALVE IN ACCORDANCE WITH APPLICABLE CODES & ANY GOVERNING OFFICIAL HAVING JURISDICTION.
18. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, FUEL GAS SOLENOID SHUT-OFF VALVE(S) FOR FOODSERVICE EQUIPMENT PROVIDED BY BARING ARE PROVIDED BY BARING & INSTALLED BY THE PLUMBING CONTRACTOR.
19. UNLESS PERMITTED BY APPLICABLE CODE(S) FUEL GAS PIPING TO PILOT BURNERS ON EQUIPMENT SHALL SHALL NOT BY-PASS A FUEL GAS SOLENOID SHUT-OFF VALVE.
20. BARING INDUSTRIES RECOMMENDS THAT FUEL GAS SERVICE BE PROVIDED VIA A LOOPED DISTRIBUTION SYSTEM. THE SIZE OF THE LOOP SHALL BE DETERMINED BY THE PROJECT ARCHITECT/ENGINEER.
21. DRAIN PIPING FROM ANY EQUIPMENT USING/GENERATING STEAM SHALL BE OF MATERIALS & UTILIZING INSTALLATION METHODS TO ACCOMMODATE TEMPERATURES ABOVE 212 DEG F.
22. BARING INDUSTRIES RECOMMENDS THAT STEAM SUPPLY & CONDENSATE RETURN BE PROVIDED VIA LOOPED SYSTEMS. THE SIZE OF THE LOOPS SHALL BE DETERMINED BY THE PROJECT ARCHITECT/ENGINEER.
23. BARING INDUSTRIES RECOMMENDS THAT CHILLED/COOLING WATER SUPPLY & RETURNS BE PROVIDED VIA LOOPED SYSTEMS. THE SIZE OF THE LOOPS SHALL BE DETERMINED BY THE PROJECT ARCHITECT/ENGINEER.



PLUMBING ROUGH-IN SCHEDULE

	P1	NOT USED
	P2	FLOOR DRAIN W/REMOVABLE GRATE
	P3	FLOOR SINK W/REMOVABLE GRATE
	P4	DRAIN LOCATION ON EQUIPMENT - EXTEND TO BUILDING WASTE DRAIN
	P5	1/2" HOT & COLD WATER STUB @ +12" AFF & OUT OF WALL AND 1-1/2" DIRECT WASTE DRAIN STUBED-UP +18" & OUT OF WALL - CONNECT TO HAND SINK & PROVIDE SHUT-OFF VALVES ON WATER LINES
	P6	NOT USED
	P7	1/2" HOT & COLD WATER - STUB @ +48" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVES
	P8	3" DIRECT WASTE DRAIN F/MOP SINK - STUB UP +6" AFF - TRIM TO CORRECT ELEVATION & CONNECT TO MOP SINK DRAIN
	P9	3" DIRECT WASTE DRAIN F/FLOOR TROUGH - STUB UP +6" AFF - TRIM TO CORRECT ELEVATION & CONNECT TO FLOOR TROUGH
△1	P10	2" DIRECT WASTE DRAIN - STUB UP +8" AFF & OUT OF BUILDING WALL - CONNECT TO DRAIN OUTLET ON SCRAP COLLECTOR
	P11	NOT USED
	P12	1/2" COOLING WATER SUPPLY FR/BUILDING COOLING SYSTEM LOOP - STUB @ +72" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVE
	P13	1/2" COOLING WATER RETURN TO BUILDING COOLING SYSTEM LOOP - STUB @ +72" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVE
	P14	1/2" COLD WATER - STUB @ +9" AFF - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVES
	P15	1/2" COLD WATER - STUB @ +12" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVE
	P16	1/2" HOT & COLD WATER - STUB @ +12" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVES
	P17	3/4" HOT & COLD WATER - STUB @ +12" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVES
	P18	NOT USED
	P19	3/4" COLD WATER - STUB @ +80" AFF & OUT OF WALL - CONNECT TO WATER FILTER & EXTEND TO ITEMS 1-098, 1-101, 1-103, 1-116, & 1-117 - PROVIDE SHUT-OFF VALVE
△1	P20	3/4" 110° F HOT WATER - STUB @ +60" AFF & OUT OF WALL - CONNECT TO DISHMACHINE & PROVIDE SHUT-OFF VALVE
	P21	1/2" HOT & COLD WATER - STUB @ +36" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVES
	P22	3/4" 110° F HOT WATER - STUB @ +12" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVE
	P23	1/2" HOT & COLD WATER - STUB @ +24" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVES
△1	P24	3/8" FILTERED COLD WATER - FR/1-114 - STUB @ +60" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVES
△1	P25	1/2" FILTERED COLD WATER - FR/1-114 - STUB @ +72" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVES

GAS ROUGH-IN SCHEDULE

	G1	1 1/4" NATURAL GAS - STUB @ +12" AFF - CONNECT TO EQUIPMENT THROUGH PRESSURE REGULATOR & PROVIDE SHUT-OFF
△1	G2	1"NATURAL GAS - STUB @ +24" AFF & OUT OF BUILDING WALL - CONNECT TO EQUIPMENT THROUGH PRESSURE REGULATOR & FLEXIBLE GAS LINE W/QUICK DISCONNECT- PROVIDE SHUT-OFF
△1	G3	1/2" NATURAL GAS - STUB @ +24" AFF & OUT OF BUILDING WALL - CONNECT TO EQUIPMENT THROUGH PRESSURE REGULATOR & FLEXIBLE GAS LINE W/QUICK DISCONNECT & PROVIDE SHUT-OFF

PLUMBING LEGEND

COLD WATER	CW	○
HOT WATER	HW	○
COOLING WATER SUPPLY	CWS	○
COOLING WATER RETURN	CWR	○
BUILDING DIRECT WASTE DRAIN	DW	●
INDIRECT WASTE DRAIN LOCATION ON EQUIPMENT	IW	◐
HUB DRAIN/AIR GAP DRAIN	HD/AGD	◉
FLOOR DRAIN	FD	▣
FUNNEL-TYPE FLOOR DRAIN	FTFD	▣
FLOOR SINK	FS	▤
STEAM SUPPLY	SS	◉
CONDENSATE RETURN	CR	◎
GAS	G	⊗
COMPRESSED AIR	CA	▲
ABOVE FINISH FLOOR	AFF	
DROP FROM ABOVE	DFA	
BELOW FINISH FLOOR	BFF	
CONDENSATE DRAIN PIPING		------------

True North

BARING INDUSTRIES
A Division of Electrolux Professional, Inc.

http//:www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385-4416
FAX (702) 385-4417

PROJECT NAME: **SOHO HOUSE**
PROJECT LOCATION: MIAMI BEACH, FLORIDA
AREA NAME: FIRST FLOOR KITCHEN

SHEET TITLE: **PLUMBING ROUGH-IN PLAN**

REVISION:	BY:	CK BY:	DATE:
△1	ST	JM	08-26-2009
△2	.	.	.
△3	.	.	.
△4	.	.	.
△5	.	.	.
△6	.	.	.

PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-6720
DRAWN BY: ST
CHECKED BY: JM
DATE: - 06-26-2009
SCALE: 1/4" =1'-0"

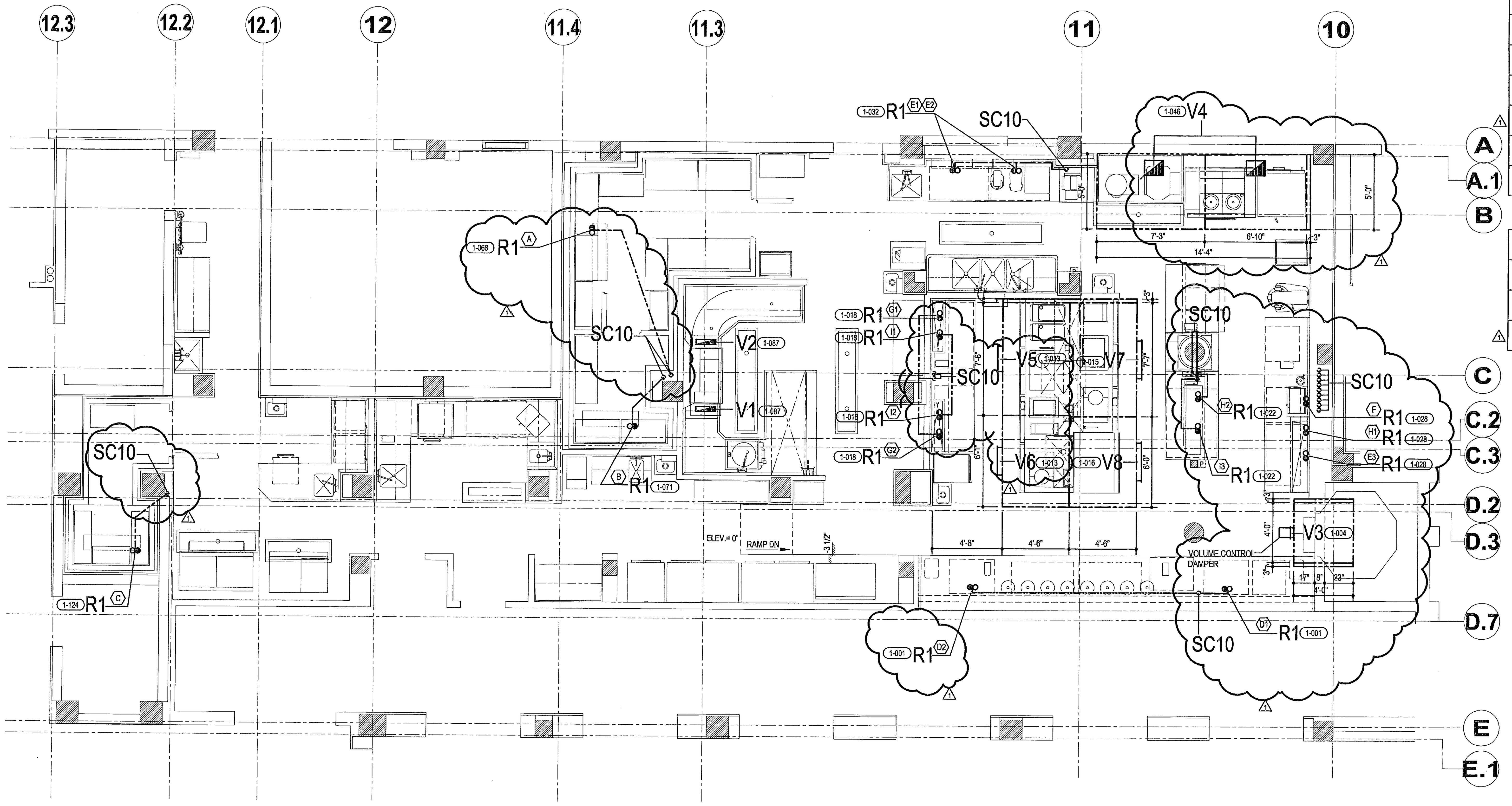
SHEET K1-6

PROJECT NUMBER 071152

Plot date: 8/26/2009 3:54:30 PM Path: F:\FOODSERVICE\FS-PROJECTS\2007\SOHO HOUSE (071152)\K1 - MAIN KITCHEN\REVISION 1 (8-XX-09)\071152 - K1 MAIN KITCHEN REV
STEVETESTA

REFRIGERATION & VENTILATION NOTES

1. SLEEVES PENETRATING ANY WALL, FLOOR OR ROOF SHALL BE PROVIDED & INSTALLED BY THE GENERAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE CODE(S) & ANY GOVERNING OFFICIAL HAVING JURISDICTION.
2. REFRIGERATION LINE RUNS SHOWN ARE SCHEMATIC. ACTUAL ROUTING TO BE DETERMINED BY JOB SITE CONDITIONS, REFRIGERATION SYSTEM INSTALLER & THE GENERAL CONTRACTOR.
3. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, CURBS/RACKS/DUNNAGE FOR ROOF-MOUNTED EQUIPMENT SHALL BE PROVIDED & INSTALLED BY THE GENERAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE CODE(S) & ANY GOVERNING OFFICIAL HAVING JURISDICTION.
4. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, EXHAUST VENTILATORS SHALL BE HUNG WITH THE BOTTOM OF THE VENTILATOR @ 80" AFF.
5. HVAC CONTRACTOR SHALL MAKE CONNECTIONS BETWEEN EXHAUST VENTILATORS & DUCT WORK FULLY WELDED & LIQUID TIGHT.
6. HVAC CONTRACTOR SHALL PROVIDE & INSTALL DUCTWORK, FANS & CURBS REQUIRED FOR A COMPLETE & FUNCTIONING SYSTEM.
7. SYSTEM START-UP & AIR BALANCE IS INCLUDED IN THE HVAC CONTRACTOR'S SCOPE OF WORK.



VENTILATION ROUGH-IN SCHEDULE

V1	4" X 16" EXHAUST DUCT - 200 CFM @ 0.25" SP
V2	4" X 16" EXHAUST DUCT - 400 CFM @ 0.25" SP
V3	8" X 12" EXHAUST DUCT IN FRONT FACE OF EXHAUST HOOD - 1200 CFM @ 1.13" SP
V4	12" X 15" EXHAUST DUCT - 2145 CFM @ .75" SP
V5	8" X 22" EXHAUST DUCT IN FRONT FACE OF EXHAUST HOOD- 2235 CFM @ .83" SP
△1 V6	8" X 20" EXHAUST DUCT IN FRONT FACE OF EXHAUST HOOD- 1813 CFM @ 1.03" SP
V7	8" X 30" EXHAUST DUCT IN FRONT FACE OF EXHAUST HOOD- 2821 CFM @ 1.34" SP
V8	8" X 30" EXHAUST DUCT IN FRONT FACE OF EXHAUST HOOD- 2844 CFM @ 2.23" SP

REFRIGERATION ROUGH-IN SCHEDULE

R1	LIQUID & SUCTION REFRIGERATION LINES BETWEEN THE EQUIPMENT & REMOTE REFRIGERATION RACK
SC10	3" DIA SLEEVE THROUGH FLOOR SLAB F/REFRIGERATION LINES
△1 SC11	NOT USED

REFRIGERATION LEGEND

LIQUID & SUCTION LINES	
OVERHEAD REFRIGERATION LINES	
BELOW FLOOR REFRIGERATION LINES	
INSIDE EQUIPMENT REFRIGERATION LINES	
ABOVE FINISHED FLOOR	AFF
DROP FROM ABOVE	DFA
BELOW FINISHED FLOOR	BFF

VENTILATION LEGEND

EXHAUST DUCT	
SUPPLY DUCT	
STATIC PRESSURE, WATER GAUGE	SPWG
CUBIC FEET/MINUTE	CFM
ABOVE FINISHED FLOOR	AFF

True North

BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http//:www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385-4416
FAX (702) 385-4417

PROJECT NAME: **SOHO HOUSE**
PROJECT LOCATION: MIAMI BEACH, FLORIDA
AREA NAME: FIRST FLOOR KITCHEN

SHEET TITLE: **REFRIGERATION & VENTILATION ROUGH-IN PLAN**

REVISION:	BY:	CK BY:	DATE:
△1	ST	JM	08-26-2009
△2	.	.	.
△3	.	.	.
△4	.	.	.
△5	.	.	.
△6	.	.	.

PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-6720
DRAWN BY: ST
CHECKED BY: JM
DATE: - 06-26-2009
SCALE: 1/4" =1'-0"

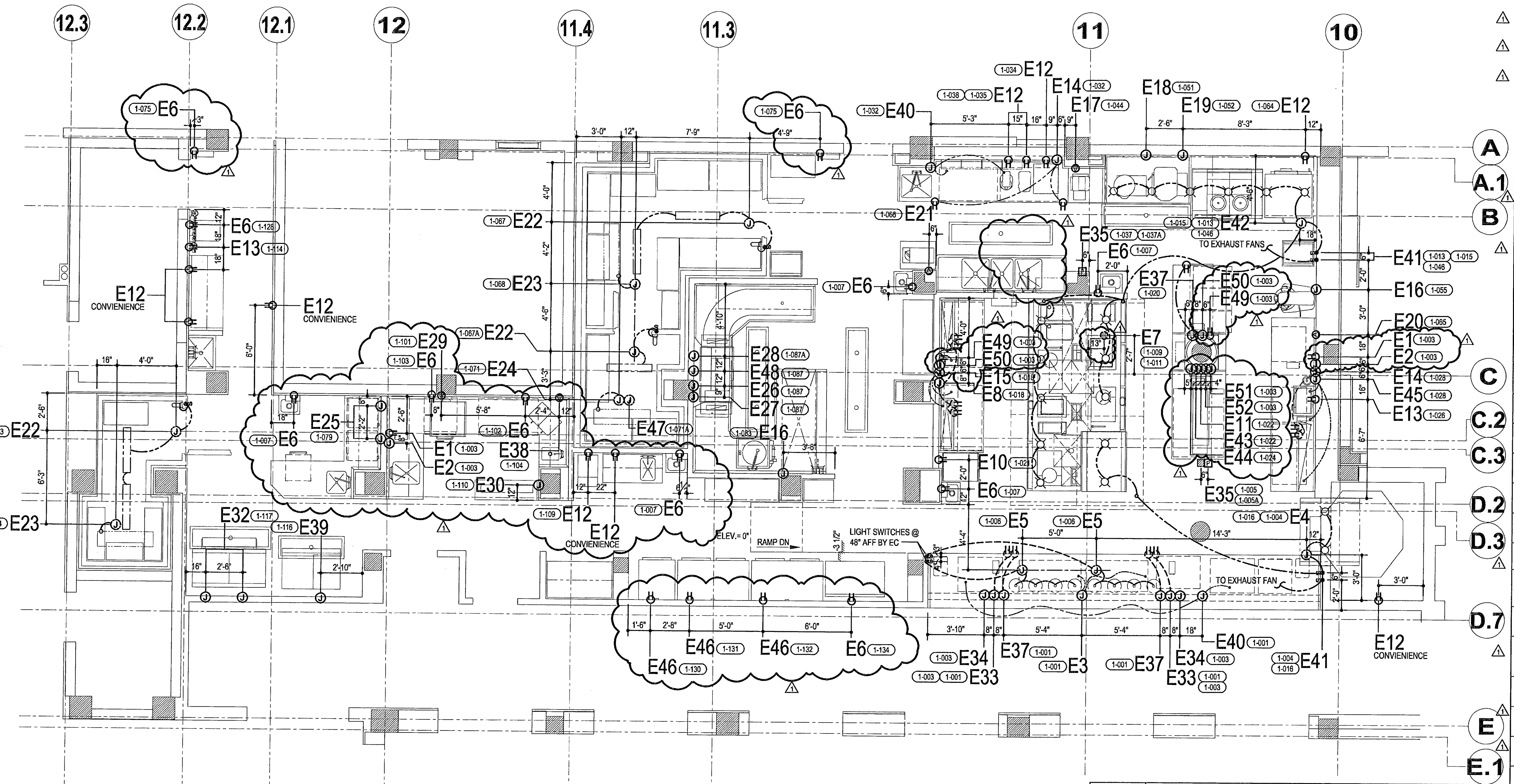
SHEET K1-7

PROJECT NUMBER 071152

Plot date: 8/26/2009 3:54:38 PM Path: F:\FOODSERVICE\FS-PROJECTS\2007\SOHO HOUSE (071152)\K1 - MAIN KITCHEN\REVISION 1 (8-XX-09)\071152 - K1 MAIN KITCHEN REVISI STEVETESTA

ELECTRICAL NOTES

1. UTILITIES SHOWN ARE THE MINIMUM REQUIRED FOR THE FOODSERVICE EQUIPMENT. LOCATION, QUANTITY & SIZE OF ADDITIONAL UTILITIES, IF DESIRED/REQUIRED, ARE TO BE PROVIDED BY OTHERS.
2. FINAL CONNECTIONS TO EQUIPMENT & INTER-CONNECTIONS BETWEEN COMPONENTS ARE INCLUDED IN THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK.
3. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, COMPONENTS SUCH AS (BUT NOT LIMITED TO) WIRE, CONDUIT, SWITCHES, SAFETY DEVICES, OVER CURRENT & GROUND FAULT PROTECTION DEVICES & DISCONNECT SWITCHES SHALL BE PROVIDED & INSTALLED BY THE ELECTRICAL CONTRACTOR.
4. UNLESS OTHERWISE NOTED IN THESE DRAWINGS OR AS RESTRICTED BY CODE, UTILITIES SHALL BE CONCEALED IN & STUBBED OUT OF BUILDING WALLS.
5. COMPONENTS SUCH AS (BUT NOT LIMITED TO) SWITCHES, SAFETY DEVICES, OVER CURRENT & GROUND FAULT PROTECTION DEVICES & DISCONNECT SWITCHES SHALL BE LOCATED SO THAT THEY DO NOT INTERFERE WITH THE OPERATION OF THE EQUIPMENT.
6. NEMA CONFIGURATION DESIGNATIONS ARE PROVIDED TO ENSURE THAT RECEPTACLES PROVIDED & INSTALLED BY THE ELECTRICAL CONTRACTOR MATCH THE PLUG CONFIGURATION PROVIDED WITH THE EQUIPMENT.
7. ELECTRICAL CONTRACTOR SHALL PROVIDE & INSTALL DISCONNECT SWITCHES AS REQUIRED BY APPLICABLE CODE(S) & ANY GOVERNING OFFICIAL HAVING JURISDICTION.
8. LINE VOLTAGE CONTROL CIRCUIT & INTER-WIRING BETWEEN WALK-IN BOX COMPONENTS SUCH AS (BUT NOT LIMITED TO) CONDENSING UNITS, REFRIGERATION RACKS, EVAPORATOR COILS, TIME CLOCKS & TEMPERATURE CONTROLS ARE INCLUDED IN THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK.
9. UNLESS OTHERWISE NOTED IN THESE DRAWINGS HEATER CABLE SHALL PROVIDED BY BARING & SHALL BE FLEXIBLE, SELF-REGULATING TYPE RATED @ 3 WATTS PER FOOT.
10. CONDENSATE DRAIN PIPE FROM WALK-IN FREEZER COMPARTMENTS SHALL BE WRAPPED WITH HEATER CABLE BY THE ELECTRICAL CONTRACTOR.
11. WALK-IN BOX LIGHT FIXTURES SHIPPED LOOSE SHALL BE MOUNTED AND INTER-WIRED BY THE ELECTRICAL CONTRACTOR.
12. LINE VOLTAGE CONTROL CIRCUIT & INTER-WIRING BETWEEN EXHAUST VENTILATOR COMPONENTS SUCH AS (BUT NOT LIMITED TO) LIGHT FIXTURES, CONTROL PANELS, FANS, MAGNETIC CONTACTORS, MOTORIZED DAMPERS & THE BUILDING ALARM SYSTEM ARE INCLUDED IN THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK.
13. LINE VOLTAGE CONTROL CIRCUIT & INTER-WIRING BETWEEN FIRE SUPPRESSION SYSTEM COMPONENTS SUCH AS (BUT NOT LIMITED TO) CONTROL PANELS, AGENT CABINETS, REMOTE PULL STATIONS & THE BUILDING ALARM SYSTEM ARE INCLUDED IN THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK.
14. FIRE SUPPRESSION SYSTEM REMOTE PULL STATION REQUIRES A 4" x 4" OCTAGON J-BOX W/SCREW HOLES @ 2- & 8-O'CLOCK POSITIONS. ELECTRICAL CONTRACTOR SHALL RECESS THE J-BOX IN THE BUILDING WALL & PROVIDE EMPTY CONDUIT FROM THE TOP OF THE J-BOX STUBBED OUT THE BLDG WALL 6" ABOVE THE FINISHED CLG.
15. ELECTRICAL CONTRACTOR SHALL VERIFY FIRE SUPPRESSION SYSTEM REMOTE PULL STATION LOCATIONS WITH THE GOVERNING OFFICIAL HAVING JURISDICTION PRIOR TO ROUGH-IN.
16. ELECTRICAL CONTRACTOR SHALL VERIFY TO WHICH BLDG SYSTEMS THE FIRE SUPPRESSION SYSTEM SHALL BE INTER-CONNECTED.
17. LINE VOLTAGE CONTROL CIRCUIT & INTER-WIRING BETWEEN WASTE SYSTEM COMPONENTS SUCH AS (BUT NOT LIMITED TO) CONTROL PANELS, START-STOP SWITCHES, DISPOSERS, PUPLERS & TROUGH COLLECTORS ARE INCLUDED IN THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK.
18. LINE VOLTAGE CONTROL CIRCUIT & INTER-WIRING BETWEEN WAREWASHING EQUIPMENT COMPONENTS SUCH AS (BUT NOT LIMITED TO) CONTROL PANELS, VENT FAN CONTROL, DETERGENT & SANITIZER DISPENSERS, TABLE LIMIT SWITCHES & WATER BOOSTER HEATERS ARE INCLUDED IN THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK.
19. UNLESS OTHERWISE STIPULATED BY APPLICABLE CODE, ALL 120-VOLT RECEPTACLES SHALL BE GFCI TYPE.
20. POWER SERVICE TO COMPUTER AND POINT-OF-SALE EQUIPMENT SHALL BE ON A DEDICATED CIRCUIT WITH ISOLATED GROUND.
21. POINT-OF-SALE EQUIPMENT REQUIRES AN EMPTY J-BOX AND CONDUIT SUITABLE FOR CATEGORY-5 DATA INTERFACE CABLE. ELECTRICAL CONTRACTOR TO VERIFY ROUTING WITH THE SYSTEM PROVIDER.
22. COMPUTER EQUIPMENT REQUIRES A J-BOX AND CONDUIT WITH DATA INTERFACE CABLE & RJ45 ETHERNET CONNECTOR. ELECTRICAL CONTRACTOR TO VERIFY ROUTING WITH THE SYSTEM PROVIDER.



ELECTRICAL ROUGH-IN SCHEDULE

Rev.	Item	Description
	E1	DUPLEX RECEPTACLE ON DEDICATED CIRCUIT W/ISOLATED GROUND - 120V/1PH/20A SERVICE - NEMA 5-20R +50" AFF
	E2	EMPTY JUNCTION BOX & CONDUIT F/CAT5e COMMUNICATION/DATA CABLE - +50" AFF - VERIFY REQUIREMENTS WITH SUPPLIER
△1	E3	JUNCTION BOX - 120V/1PH/15A SERVICE +18" AFF - BRANCH & CONNECT TO (2) HEATED PLATE CABINETS
△1	E4	JUNCTION BOX - 120V/1PH/10A SERVICE DOWN FR/ABOVE TO TOP OF EXHAUST HOOD - CONNECT & INTER-WIRE TO LIGHT FIXTURES & CAPTURE JET FANS AS REQUIRED
△1	E5	JUNCTION BOX - 120V/1PH/15A SERVICE ABOVE FINISHED CEILING - PROVIDE WALL SWITCH @ +48" AFF - INTERWIRE & CONNECT TO EQUIPMENT & WALL SWITCH AS REQUIRED
	E6	DUPLEX RECEPTACLE - 120V/1PH/20A SERVICE - NEMA 5-20R GFCI +18" AFF
	E7	CONDUIT STUB - 120-208V/3PH/200A SERVICE STUB @ +9" AFF - CONNECT TO CIRCUIT BREAKER PANEL ON EQUIPMENT - SEE SHOP DRAWING FOR PANEL SCHEDULE
	E8	MULTI-CIRCUIT JUNCTION BOX - (4) 120V/1PH/20A SERVICES +18" AFF - CONNECT TO CONVIENIENCE DUPLEX RECEPTACLES - NEMA 5-20R GFCI - IN EQUIPMENT
	E9	NOT USED
	E10	(2) DUPLEX RECEPTACLES - 120V/1PH/20A SERVICE - NEMA 5-20R GFCI (1) @ +36" & (1) @ +72" AFF
△1	E11	MULTI-CIRCUIT JUNCTION BOX - (2) 120V/1PH/20A SERVICES ABOVE FINISHED CEILING - WIRE DOWN UTILITY SERVICE CHASE - CONNECT TO CONVIENIENCE DUPLEX RECEPTACLES - NEMA 5-20R GFCI MOUNTED IN EQUIPMENT
	E12	DUPLEX RECEPTACLE - 120V/1PH/20A SERVICE - NEMA 5-20R GFCI +50" AFF
	E13	DUPLEX RECEPTACLE - 120V/1PH/20A SERVICE - NEMA 5-20R GFCI +66" AFF
	E14	MULTI-CIRCUIT JUNCTION BOX - (2) 120V/1PH/20A SERVICES +18" AFF - CONNECT TO CONVIENIENCE DUPLEX RECPTACLES - NEMA 5-20R GFCI - IN EQUIPMENT
	E15	JUNCTION BOX - 120V/1PH/15A SERVICES +18" AFF - BRANCH & CONNECT TO (2) REFRIGERATED BASES & (2) REFRIGERATED INGREDIENT RAILS AS REQUIRED
	E16	JUNCTION BOX - 208V/3PH/10A SERVICE +18" AFF - CONNECT TO EQUIPMENT
	E17	SINGLE RECEPTACLE - 208V/3PH/15A SERVICE - NEMA 15-15R +50" AFF
	E18	JUNCTION BOX - 208V/3PH/40A SERVICE +50" AFF - CONNECT TO EQUIPMENT
	E19	JUNCTION BOX - 208V/3PH/20A SERVICE +50" AFF - CONNECT TO EQUIPMENT
	E20	SINGLE RECEPTACLE - 208V/1PH/20A SERVICE - NEMA L6-20R +18" AFF
△1	E21	SINGLE RECEPTACLE - 208V/1PH/20A SERVICE - NEMA 6-20R +50" AFF
	E22	JUNCTION BOX - 120V/1PH/10A SERVICE - DOWN FROM ABOVE TO TOP OF WALK-IN COOLER BOX - CONNECT TO JUNCTION BOX AND INTER-WIRE TO LIGHT FIXTURES, DOOR HEATER, & TEMPERATURE ALARM AS REQUIRED
	E23	JUNCTION BOX - 120V/1PH/10A SERVICE - DOWN FROM ABOVE TO TOP OF WALK-IN BOX - CONNECT TO EVAPORATOR INSIDE WALK-IN BOX
△1	E24	JUNCTION BOX, CONDUIT & WIRING BETWEEN EVAPORATOR & REMOTE REFRIGERATION RACK UNIT F/POWER FEED & CONTROL WIRING - STUB @ TOP OF WALK-IN BOX & @ REMOTE REFRIGERATION RACK - CONNECT TO EQUIPMENT AS REQUIRED
	E25	JUNCTION BOX - 120-208V/1PH/50A SERVICE +18" AFF - CONNECT TO EQUIPMENT
	E26	JUNCTION BOX - 480V/3PH/40A SERVICE +60" AFF - CONNECT TO EQUIPMENT
	E27	JUNCTION BOX - 480V/3PH/50A SERVICE +60" AFF - CONNECT TO BOOSTER HEATER ON TOP OF EQUIPMENT
	E28	JUNCTION BOX - 208V/1PH/10A SERVICE +18" AFF - CONNECT TO EQUIPMENT
△1	E29	SINGLE RECEPTACLE - 208V/1PH/50A SERVICE - NEMA 6-50R +50" AFF
△1	E30	JUNCTION BOX - 120V/1PH/20A SERVICE +72" AFF - CONNECT TO EQUIPMENT
△1	E31	NOT USED
	E32	JUNCTION BOX - 208V/1PH/30A SERVICE +78" AFF - CONNECT TO EQUIPMENT
	E33	JUNCTION BOX - 120V/1PH/20A DEDICATED CIRCUIT W/ISOLATED GROUND +18" AFF - CONNECT TO DUPLEX RECEPTACLE MOUNTED IN EQUIPMENT
	E34	EMPTY JUNCTION BOX & CONDUIT F/CAT5e COMMUNICATION/DATA CABLE - +18" AFF - VERIFY REQUIREMENTS WITH SUPPLIER
	E35	EMPTY OCTAGON JUNCTION BOX F/FIRE PROTECTION SYSTEM REMOTE PULL STATION - +48" AFF W/SCREW HOLES @ 2 & 8 O'CLOCK POSITIONS - EXTEND 1/2" EMT CONDUIT FROM BOX TO 6" ABOVE FINISHED CEILING W/NO BENDS
	E36	NOT USED
	E37	JUNCTION BOX - 120V/1PH/20A SERVICE +18" AFF - CONNECT TO CONVENIENCE DUPLEX RECEPTACLE - NEMA 5-20R GFCI - MOUNTED IN EQUIPMENT
	E38	SINGLE RECEPTACLE - 208V/1PH/30A SERVICE - NEMA L6-30R +50" AFF
△1	E39	JUNCTION BOX - 120V/1PH/20A SERVICE +78" AFF - CONNECT TO EQUIPMENT
	E40	JUNCTION BOX - 120V/1PH/10A SERVICE +18" AFF - BRANCH & CONNECT TO (2) REFRIGERATED BASES
	E41	LIGHT & FAN SWITCHES F/EXHAUST HOOD @ 48" AFF - INTERWIRE TO EXHAUST HOOD(S) & FAN(S) AS REQUIRED
	E42	JUNCTION BOX - 120V/1PH/20A SERVICE DOWN FROM ABOVE TO TOP OF EXHAUST HOOD - CONNECT & INTERWIRE TO LIGHT FIXTURES & CAPTURE JET FANS AS REQUIRED
△1	E43	JUNCTION BOX - 120V/1PH/10A SERVICE ABOVE FINISHED CEILING - WIRE DOWN UTILITY CHASE - BRANCH & CONNECT TO REFRIGERATED BASE & REFRIGERATED INGREDIENT RAIL AS REQUIRED
	E44	JUNCTION BOX - 120V/1PH/20A SERVICE ABOVE FINISHED CEILING - WIRE DOWN UTILITY CHASE & CONNECT TO EQUIPMENT
	E45	JUNCTION BOX - 120V/1PH/15A SERVICE +18" AFF - BRANCH & CONNECT TO REFRIGERATED BASE, FREEZER BASE & REFRIGERATED INGREDIENT RAIL AS REQUIRED
△1	E46	DUPLEX RECEPTACLE - 120V/1PH/20A SERVICE - NEMA 5-20R GFCI +90" AFF
	E47	JUNCTION BOX, CONDUIT & POWER FEED WIRING BETWEEN DRAIN LINE HEATER & REMOTE REFRIGERATION RACK - STUB @TOP OF WALK-IN BOX & @ REMOTE REFRIGERATION RACK - CONNECT TO EQUIPMENT AS REQUIRED
	E48	JUNCTION BOXES @ DISHMACHINE CONTROL PANEL (@+60" AFF) & EXHAUST FAN W/CONDUIT & WIRING F/VENT FAN CONTROL - EC TO CONNECT TO EQUIPMENT & INTERWIRE AS REQUIRED
△1	E49	DUPLEX RECEPTACLE ON DEDICATED CIRCUIT W/ISOLATED GROUND - 120V/1PH/20A SERVICE - NEMA 5-20R +66" AFF
△1	E50	EMPTY JUNCTION BOX & CONDUIT F/CAT5e COMMUNICATION/DATA CABLE - +66" AFF - VERIFY REQUIREMENTS WITH SUPPLIER
△1	E51	JUNCTION BOX ON DEDICATED CIRCUIT W/ISOLATED GROUND -120V/1PH/20A SERVICE ABOVE FINISHED CEILING - WIRE DOWN UTILITY CHASE & CONNECT TO RECEPTACLE MOUNTED IN EQUIPMENT
△1	E52	EMPTY JUNCTION BOX & CONDUIT F/CAT5e COMMUNICATION/DATA CABLE ABOVE FINISHED CEILING - WIRE DOWN UTILITY CHASE - VERIFY REQUIREMENTS WITH SUPPLIER

ELECTRICAL LEGEND

Item	Abbrev.
SINGLE RECEPTACLE, NEMA 5-20R	SR
DUPLEX RECEPTACLE, NEMA 5-20R	DR
QUADRAPLEX RECEPTACLE, NEMA 5-20R	QR
SPECIAL RECEPTACLE, 208 OR 480	SPR
FLOOR RECEPTACLE	FR
JUNCTION BOX	JB
DROP CORD OR CONDUIT	DC
CONDUIT STUB	C
WALL SWITCH	S
RECEPTACLE ON EQUIPMENT	
FIRE PROTECTION SYSTEM REMOTE PULL STATION	
INCANDESCENT LIGHT FIXTURE	
FLUORESCENT LIGHT FIXTURE	
LOAD CENTER IN EQUIPMENT	
BUILDING LOAD CENTER PANEL	
POINT OF CONNECTION ON EQUIPMENT	
ABOVE FINISHED FLOOR	AFF
DROP FROM ABOVE	DFA
BRANCH TO CONNECTIONS	BTC
ELECTRICAL INTERCONNECTIONS	

True • North

BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http//:www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385- 4416
FAX (702) 385-4417

PROJECT NAME: SOHO HOUSE
PROJECT LOCATION: MIAMI BEACH, FLORIDA
AREA NAME: FIRST FLOOR KITCHEN
SHEET TITLE: ELECTRICAL ROUGH-IN PLAN

REVISION:	BY:	CK BY:	DATE:
△1	ST	JM	08-26-2009
△2	.	.	.
△3	.	.	.
△4	.	.	.
△5	.	.	.
△6	.	.	.

PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-6720
DRAWN BY: ST
CHECKED BY: JM
DATE: - 06-26-2009
SCALE: 1/4" =1'-0"

SHEET K1-8

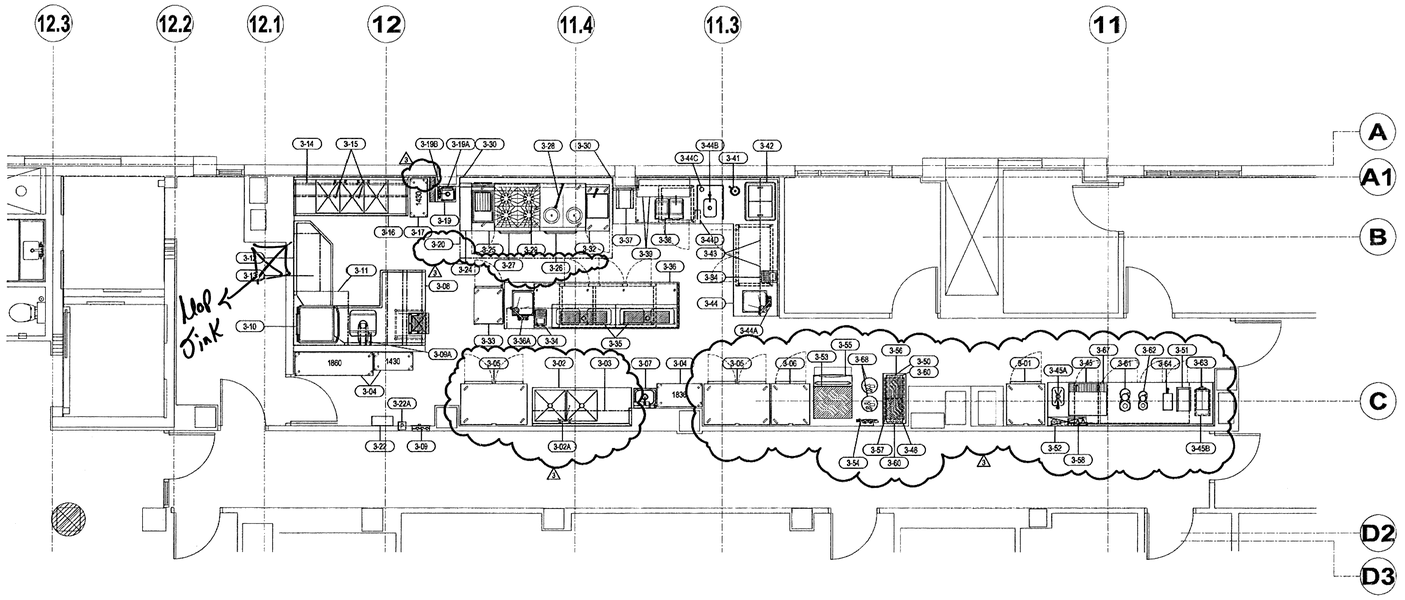
PROJECT NUMBER 071152

Plot date: 8/26/2009 3:54:45 PM Path: F:\FOODSERVICE\FS-PROJECTS\2007\SOHO HOUSE (071152)\K1 - MAIN KITCHEN\REVISION 1 (8-XX-09)\071152 - K1 MAIN KITCHEN REVISIO
STEVETESTA

GENERAL NOTES

1. REFER TO THE PROJECT ARCHITECTURAL, ELECTRICAL, INTERIOR DESIGN, MECHANICAL & PLUMBING DRAWINGS FOR ACTUAL CONSTRUCTION CONDITIONS & DETAILS.
2. MANUFACTURER'S SHOP DRAWINGS & SPECIFICATION SHEETS ARE PROVIDED BY BARING INDUSTRIES & ARE TO BE CONSIDERED A PART OF THESE DRAWINGS.
3. BUILDING WALLS & DIMENSIONS MATCH THE ARCHITECTURAL DRAWINGS PROVIDED TO BARING UNLESS OTHERWISE NOTED.
4. THESE DRAWINGS INDICATE THE EXTENT OF WORK INCLUDED IN BARING INDUSTRIES' SCOPE OF WORK & DO NOT NECESSARILY INCLUDE WORK REQUIRED FOR THE FULL PERFORMANCE & COMPLETION OF THE PROJECT CONTRACT DOCUMENTS.
5. UTILITY & CONNECTION REQUIREMENTS & BUILDING SPECIAL CONDITIONS FOR EQUIPMENT NOT PROVIDED BY BARING INDUSTRIES ARE TO BE VERIFIED WITH THE PROVIDER BY THE APPLICABLE GENERAL, ELECTRICAL, MECHANICAL & PLUMBING CONTRACTORS.
6. DIMENSIONS ARE FROM SURFACE OF FINISHED WALLS, FLOORS, CEILINGS & COLUMN CENTERLINES. DIMENSIONS ARE TO BE VERIFIED BY ALL CONTRACTORS PRIOR TO COMMENCING ANY WORK.
7. DIMENSIONS ARE CLEAR FINISHED SURFACE TO FINISHED SURFACE UNLESS OTHERWISE NOTED.
8. ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE & LOCAL CODES & ANY GOVERNING OFFICIAL HAVING JURISDICTION.
9. IN THE EVENT IT IS NECESSARY TO DEVIATE FROM BARING'S DRAWINGS, THE CONTRACTOR SHALL NOTIFY BARING INDUSTRIES IN WRITING PRIOR TO MAKING THE DEVIATION.
10. ELECTRICAL & MECHANICAL UTILITY SERVICES & CONNECTIONS HAVE BEEN LOCATED TO SUIT THE REQUIREMENTS OF THE FOODSERVICE EQUIPMENT.
11. CONNECTION REQUIREMENTS, CONNECTED LOAD & CONSUMPTION VALUES IN THE EQUIPMENT SCHEDULE ARE FOR (1) UNIT. TO DETERMINE THE TOTAL REQUIREMENTS, MULTIPLY BY THE QUANTITY IN THE EQUIPMENT SCHEDULE.
12. ROUGH-IN SIZES & LOCATIONS SHOWN IN THESE DRAWINGS ARE BASED ON INFORMATION PROVIDED TO BARING. ACTUAL SIZES & LOCATIONS MAY VARY DEPENDING ON PREVAILING CODES, STANDARDS & SITE CONDITIONS.
13. QUARRY TILE FLOORS SHALL BE ACID WASHED & THOROUGHLY FLUSHED WITH CLEAN WATER PRIOR TO THE DELIVERY & SET-IN-PLACE OF ANY FOODSERVICE EQUIPMENT. DAMAGE CAUSED BY ACID BASED CLEANING/ETCHING AGENTS ARE NOT COVERED UNDER ANY WARRANTY.
14. THE GENERAL CONTRACTOR SHALL PROVIDE PENETRATIONS & OPENINGS SIZED TO FIT EQUIPMENT SHOWN IN THESE DRAWINGS.
15. PRIOR TO DELIVERY & SET-IN-PLACE OF ANY FOODSERVICE EQUIPMENT, THE GENERAL CONTRACTOR SHALL PROVIDE THE FOLLOWING MINIMUM BUILDING READINESS ITEMS:

A. CEILING GRIDS INSTALLED.
B. LIGHTING FIXTURES INSTALLED & WIRED.
C. HVAC DIFFUSERS & DUCTWORK INSTALLED.
D. FLOOR ACID WASHED & BROOM SWEPT.
E. WALL FINISHES INSTALLED ON EXPOSED WALL SURFACES.
F. ELECTRICAL WIRING PULLED TO ROUGH-IN LOCATIONS SHOWN IN THESE DRAWINGS.
G. PLUMBING PIPING INSTALLED TO ROUGH-IN LOCATIONS SHOWN IN THESE DRAWINGS.
H. GAS, STEAM & WATER PIPING PRESSURE TESTED & FLUSHED FREE OF FOREIGN MATTER.



FOOD SERVICE PLAN APPROVED
Reviewed for code compliance
Date 10/24/08
Plans are in compliance subject to:
1) Connection to approved water and wastewater systems.
2) Compliance with applicable state and local codes.
3) Compliance with all provisions on specification worksheet.
See comments on Specification Sheet
File # 165237

FOOD SERVICE PLAN APPROVED

BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http://www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE: (954) 327-6700
FAX: (954) 327-6761

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE: (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1200 PAIGS STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE: (615) 252-8069
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE: (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385- 4416
FAX: (702) 385-4417

PROJECT NAME: **SOHO HOUSE**
PROJECT LOCATION: MIAMI BEACH, FLORIDA
AREA NAME: SEVENTH FLOOR KITCHEN

SHEET TITLE: **EQUIPMENT PLAN**

REVISION:	BY:	CK BY:	DATE:
1	ST	JM	03-23-2009
2	JRL	JM	04-23-2009
3	ST	MGP	07-08-2009
4			
5			
6			

PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-6720
DRAWN BY: ST
CHECKED BY: JM
DATE: 02-27-2009
SCALE: 1/4" = 1'-0"

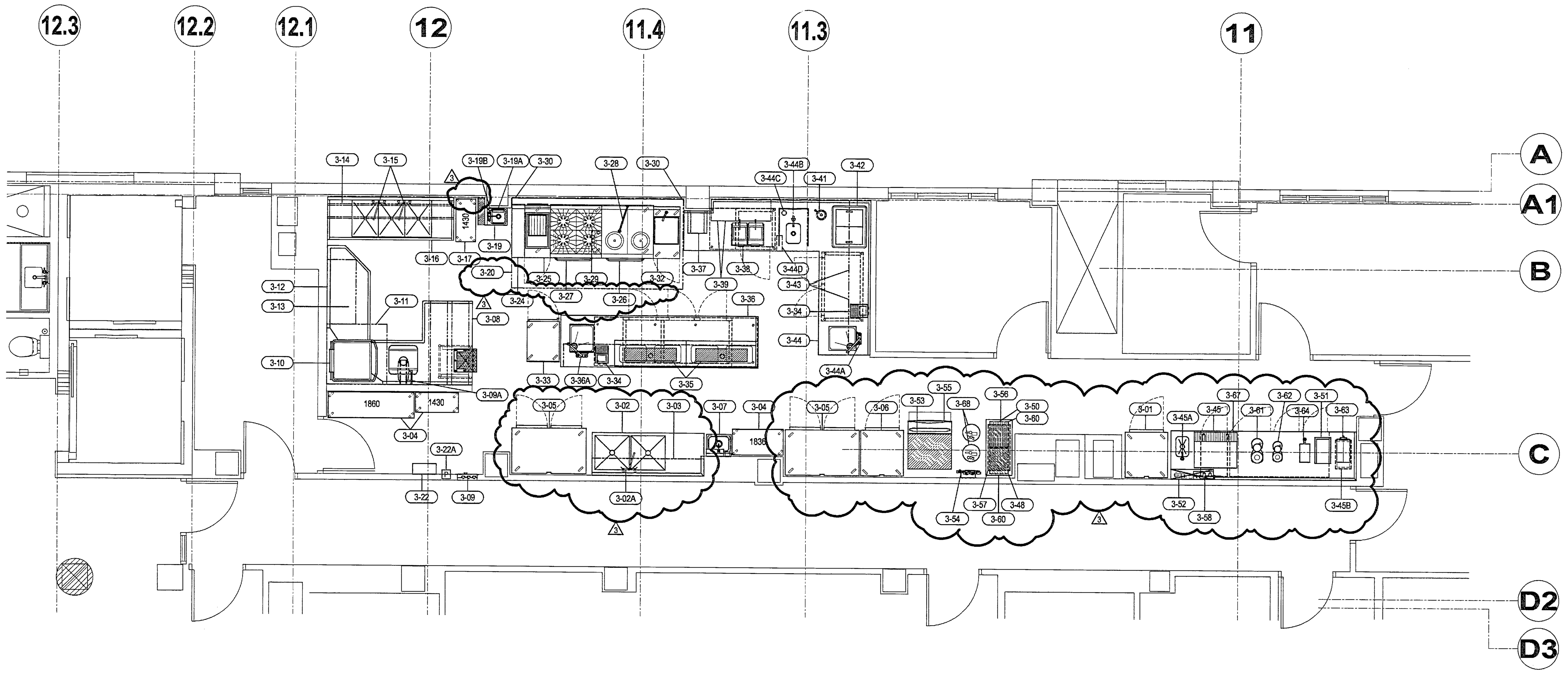
SHEET: K3-2

PROJECT NUMBER: 071152

GENERAL NOTES

1. REFER TO THE PROJECT ARCHITECTURAL, ELECTRICAL, INTERIOR DESIGN, MECHANICAL & PLUMBING DRAWINGS FOR ACTUAL CONSTRUCTION CONDITIONS & DETAILS.
2. MANUFACTURER'S SHOP DRAWINGS & SPECIFICATION SHEETS ARE PROVIDED BY BARING INDUSTRIES & ARE TO BE CONSIDERED A PART OF THESE DRAWINGS.
3. BUILDING WALLS & DIMENSIONS MATCH THE ARCHITECTURAL DRAWINGS PROVIDED TO BARING UNLESS OTHERWISE NOTED.
4. THESE DRAWINGS INDICATE THE EXTENT OF WORK INCLUDED IN BARING INDUSTRIES' SCOPE OF WORK & DO NOT NECESSARILY INCLUDE WORK REQUIRED FOR THE FULL PERFORMANCE & COMPLETION OF THE PROJECT CONTRACT DOCUMENTS.
5. UTILITY & CONNECTION REQUIREMENTS & BUILDING SPECIAL CONDITIONS FOR EQUIPMENT NOT PROVIDED BY BARING INDUSTRIES ARE TO BE VERIFIED WITH THE PROVIDER BY THE APPLICABLE GENERAL, ELECTRICAL, MECHANICAL & PLUMBING CONTRACTORS.
6. DIMENSIONS ARE FROM SURFACE OF FINISHED WALLS, FLOORS, CEILINGS & COLUMN CENTERLINES. DIMENSIONS ARE TO BE VERIFIED BY ALL CONTRACTORS PRIOR TO COMMENCING ANY WORK.
7. DIMENSIONS ARE CLEAR FINISHED SURFACE TO FINISHED SURFACE UNLESS OTHERWISE NOTED.
8. ALL WORK SHALL BE EXECUTED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE & LOCAL CODES & ANY GOVERNING OFFICIAL HAVING JURISDICTION.
9. IN THE EVENT IT IS NECESSARY TO DEVIATE FROM BARING'S DRAWINGS, THE CONTRACTOR SHALL NOTIFY BARING INDUSTRIES IN WRITING PRIOR TO MAKING THE DEVIATION.
10. ELECTRICAL & MECHANICAL UTILITY SERVICES & CONNECTIONS HAVE BEEN LOCATED TO SUIT THE REQUIREMENTS OF THE FOODSERVICE EQUIPMENT.
11. CONNECTION REQUIREMENTS, CONNECTED LOAD & CONSUMPTION VALUES IN THE EQUIPMENT SCHEDULE ARE FOR (1) UNIT. TO DETERMINE THE TOTAL REQUIREMENTS, MULTIPLY BY THE QUANTITY IN THE EQUIPMENT SCHEDULE.
12. ROUGH-IN SIZES & LOCATIONS SHOWN IN THESE DRAWINGS ARE BASED ON INFORMATION PROVIDED TO BARING. ACTUAL SIZES & LOCATIONS MAY VARY DEPENDING ON PREVAILING CODES, STANDARDS & SITE CONDITIONS.
13. QUARRY TILE FLOORS SHALL BE ACID WASHED & THOROUGHLY FLUSHED WITH CLEAN WATER PRIOR TO THE DELIVERY & SET-IN-PLACE OF ANY FOODSERVICE EQUIPMENT. DAMAGE CAUSED BY ACID BASED CLEANING/ETCHING AGENTS ARE NOT COVERED UNDER ANY WARRANTY.
14. THE GENERAL CONTRACTOR SHALL PROVIDE PENETRATIONS & OPENINGS SIZED TO FIT EQUIPMENT SHOWN IN THESE DRAWINGS.
15. PRIOR TO DELIVERY & SET-IN-PLACE OF ANY FOODSERVICE EQUIPMENT, THE GENERAL CONTRACTOR SHALL PROVIDE THE FOLLOWING MINIMUM BUILDING READINESS ITEMS:

   A. CEILING GRIDS INSTALLED.
   B. LIGHTING FIXTURES INSTALLED & WIRED.
   C. HVAC DIFFUSERS & DUCTWORK INSTALLED.
   D. FLOOR ACID WASHED & BROOM SWEPT.
   E. WALL FINISHES INSTALLED ON EXPOSED WALL SURFACES.
   F. ELECTRICAL WIRING PULLED TO ROUGH-IN LOCATIONS SHOWN IN THESE DRAWINGS.
   G. PLUMBING PIPING INSTALLED TO ROUGH-IN LOCATIONS SHOWN IN THESE DRAWINGS.
   H. GAS, STEAM & WATER PIPING PRESSURE TESTED & FLUSHED FREE OF FOREIGN MATTER.



True North

BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http//:www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385-4416
FAX (702) 385-4417

PROJECT NAME: **SOHO HOUSE**

PROJECT LOCATION: MIAMI BEACH, FLORIDA

AREA NAME: SEVENTH FLOOR KITCHEN

SHEET TITLE: **EQUIPMENT PLAN**

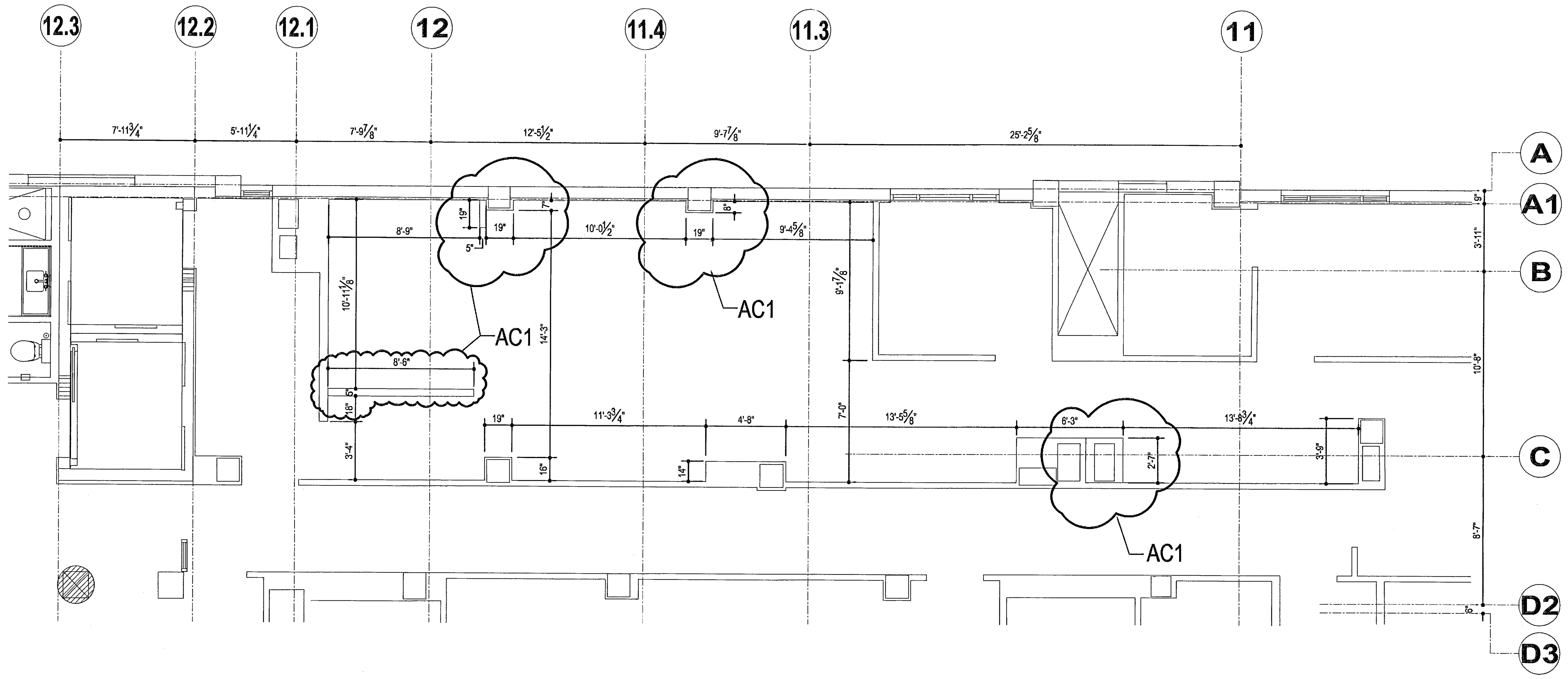
REVISION:	BY:	CK BY:	DATE:
1	ST	JM	03-23-2009
2	JRL	JM	04-23-2009
3	ST	MGP	07-08-2009
4	.	.	.
5	.	.	.
6	.	.	.

PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-6720
DRAWN BY: ST
CHECKED BY: JM
DATE: 02-27-2009
SCALE: 1/4" =1'-0"

SHEET K3-2

PROJECT NUMBER 071152

Plot date: 7/7/2009 9:08:42 AM Path: F:\FOODSERVICE\FS-PROJECTS\2007\SOHO HOUSE (071152)\K3 - 7TH FLOOR KITCHEN\REVISION 3\071152 - K3 7TH FLOOR KITCHEN REV
STEVETESTA



ARCHITECTURAL NOTES	
AC1	BUILDING WALLS IN THIS AREA VARY FROM THE ARCHITECTURAL DRAWINGS TO ACCOMMODATE THE FOODSERVICE EQUIPMENT

True North

BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http//:www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385-4416
FAX (702) 385-4417

PROJECT NAME
SOHO HOUSE

PROJECT LOCATION
MIAMI BEACH, FLORIDA

AREA NAME
SEVENTH FLOOR
KITCHEN

SHEET TITLE
ARCHITECTURAL PLAN

REVISION:	BY:	CK BY:	DATE:
1	ST	JM	03-23-2009
2	JRL	JM	04-23-2009
3	ST	MGP	07-08-2009
4	.	.	.
5	.	.	.
6	.	.	.

PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-6720
DRAWN BY: ST
CHECKED BY: JM
DATE: 02-27-2009
SCALE: 1/4" =1'-0"

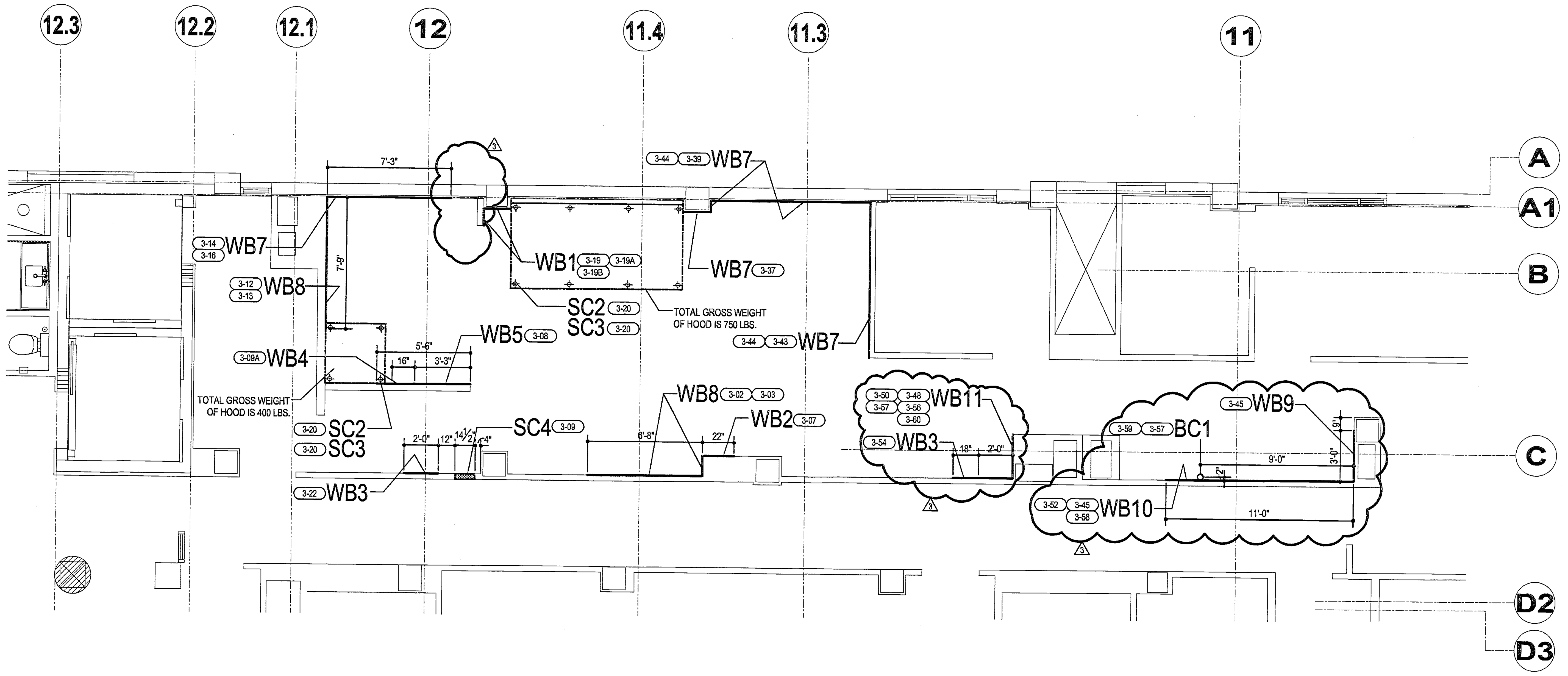
SHEET
K3-3

PROJECT NUMBER
071152

Plot date: 7/7/2009 3:26:53 PM Path: F:\FOODSERVICE\FS-PROJECTS\2007\SOHO HOUSE (071152)\K3 - 7TH FLOOR KITCHEN\REVISION 3\071152 - K3 7TH FLOOR KITCHEN REV3.DW
STEVETESTA

SPECIAL CONDITIONS NOTES

1. CONCRETE & MASONRY BASES & CURBS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR & SHALL BE TROWEL SMOOTH & LEVEL +/- 1/8".
2. WALL BACKING SUITABLE FOR SUPPORTING WALL-MOUNTED EQUIPMENT PROVIDED & INSTALLED BY THE GENERAL CONTRACTOR.
3. SLEEVES PENETRATING ANY WALL, FLOOR OR ROOF SHALL BE PROVIDED & INSTALLED BY THE GENERAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE CODE(S) & GOVERNING OFFICIAL HAVING JURISDICTION
4. BEVERAGE CONDUIT RUNS SHOWN ARE SCHEMATIC. PROVIDER TO VERIFY ROUTING, MATERIAL, DIAMETER & PULL BOX REQUIREMENTS WITH BEVERAGE SYSTEM CONTRACTOR(S) PRIOR TO INSTALLING CONDUIT.
5. DEPRESSIONS & PITS FOR WALK-IN BOXES SHALL BE TROWEL SMOOTH & LEVEL +/- 1/8".
6. FINISHED FLOOR SURFACES UNDER ROLL-IN EQUIPMENT SHALL BE LEVEL +/- 1/8".
7. WALL SURFACES AROUND RECESSED CONTROL PANELS SHALL BE LEFT OPEN & UNFINISHED UNTIL THE CONTROL PANELS HAVE BEEN INSTALLED.
8. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, CURBS/RACKS/DUNNAGE FOR ROOF-MOUNTED EQUIPMENT SHALL BE PROVIDED & INSTALLED BY THE GENERAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE CODE(S) & ANY GOVERNING OFFICIAL HAVING JURISDICTION.
9. UNLESS OTHERWISE NOTED IN THESE DRAWINGS BUILDING STRUCTURAL SUPPORT SUITABLE FOR SUPPORTING CEILING SUSPENDED EQUIPMENT SHALL BE PROVIDED & INSTALLED BY THE GENERAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE CODE(S) & ANY GOVERNING OFFICIAL HAVING JURISDICTION.



BEVERAGE CONDUIT ROUGH-IN SCHEDULE	
BC1	ALUMINUM BEVERAGE CONDUIT ABOVE CEILING - STUB DOWN 6" BELOW FINISHED CEILING -FLOOR SLAB AND WALL PENETRATIONS SHALL BE SEALED WITH A UL LISTED FIRESTOP ASSEMBLY.

SPECIAL CONDITIONS NOTES	
SC1	NOT USED
SC2	APPROXIMATE HANGER ROD LOCATION & QUANTITY ABOVE EQUIPMENT. ARCHITECT/ENGINEER TO DESIGN & GC TO PROVIDE STRUCTURAL SUPPORT ABOVE ADEQUATE TO SUPPORT EQUIPMENT. ARCHITECT/ENGINEER/GC TO VERIFY QTY. & LOCATION OF HANGER RODS & WT TO BE SUPPORTED.
SC3	ALL CONTRACTORS TO VERIFY HANGER ROD LOCATIONS & MECHANICAL/ELECTRICAL CONNECTION POINTS BEFORE COMMENCING ANY WORK ABOVE CEILING SUSPENDED EQUIPMENT.
SC4	14 1/2" (W) X 20" (H) X 4" (D) RECESS IN BUILDING WALL W/SILL @ 48" AFF F/EQUIPMENT - DO NOT CLOSE OR FINISH BUILDING WALL UNTIL EQUIPMENT INSTALLATION IS COMPLETE

	WALL BACKING NOTES	
	WB1	48"(H) WALL BACKING W/BOTTOM @ 24" AFF
	WB2	36"(H) WALL BACKING W/BOTTOM @ 24" AFF
	WB3	24"(H) WALL BACKING W/TOP @ FINISHED CEILING
	WB4	24"(H) WALL BACKING W/BOTTOM @ 70" AFF
	WB5	9"(H) WALL BACKING W/BOTTOM @ 36" AFF & 36" (H) WALL BACKING W/BOTTOM @ 48"AFF
△3	WB6	NOT USED
	WB7	9"(H) WALL BACKING W/BOTTOM @ 36" AFF & 36"(H) WALL BACKING W/BOTTOM @ 54" AFF
	WB8	9"(H) WALL BACKING W/BOTTOM @ 36" AFF & 24"(H) WALL BACKING W/BOTTOM @ 54" AFF
△3	WB9	18"(H) WALL BACKING W/BOTTOM @ 30" AFF
△3	WB10	56"(H) WALL BACKING W/TOP @ FINISHED CEILING
△3	WB11	WALL BACKING W/BOTTOM @ 6" AFF & TOP @ 6" ABOVE FINISHED CEILING

SPECIAL CONDITION LEGEND

SLEEVE	
SLAB DEPRESSION	
RAISED CURB	
WALL RECESS	
LOW PARTITION WALL	
WALL BACKING	
OVERHEAD BEVERAGE CONDUIT	
BELOW FLOOR BEVERAGE CONDUIT	
BEVERAGE CONDUIT STUB	
HOOD HANGER ROD	
ABOVE FINISHED FLOOR	AFF
DROP FROM ABOVE	DFA
BELOW FINISHED FLOOR	BFF

True North

BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http//:www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385-4416
FAX (702) 385-4417

PROJECT NAME: **SOHO HOUSE**
PROJECT LOCATION: MIAMI BEACH, FLORIDA
AREA NAME: SEVENTH FLOOR KITCHEN
SHEET TITLE: **SPECIAL CONDITIONS PLAN**

REVISION:	BY:	CK BY:	DATE:
△1	ST	JM	03-23-2009
△2	JRL	JM	04-23-2009
△3	ST	MGP	07-08-2009
△4	.	.	.
△5	.	.	.
△6	.	.	.

PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-6720
DRAWN BY: ST
CHECKED BY: JM
DATE: 02-27-2009
SCALE: 1/4" =1'-0"

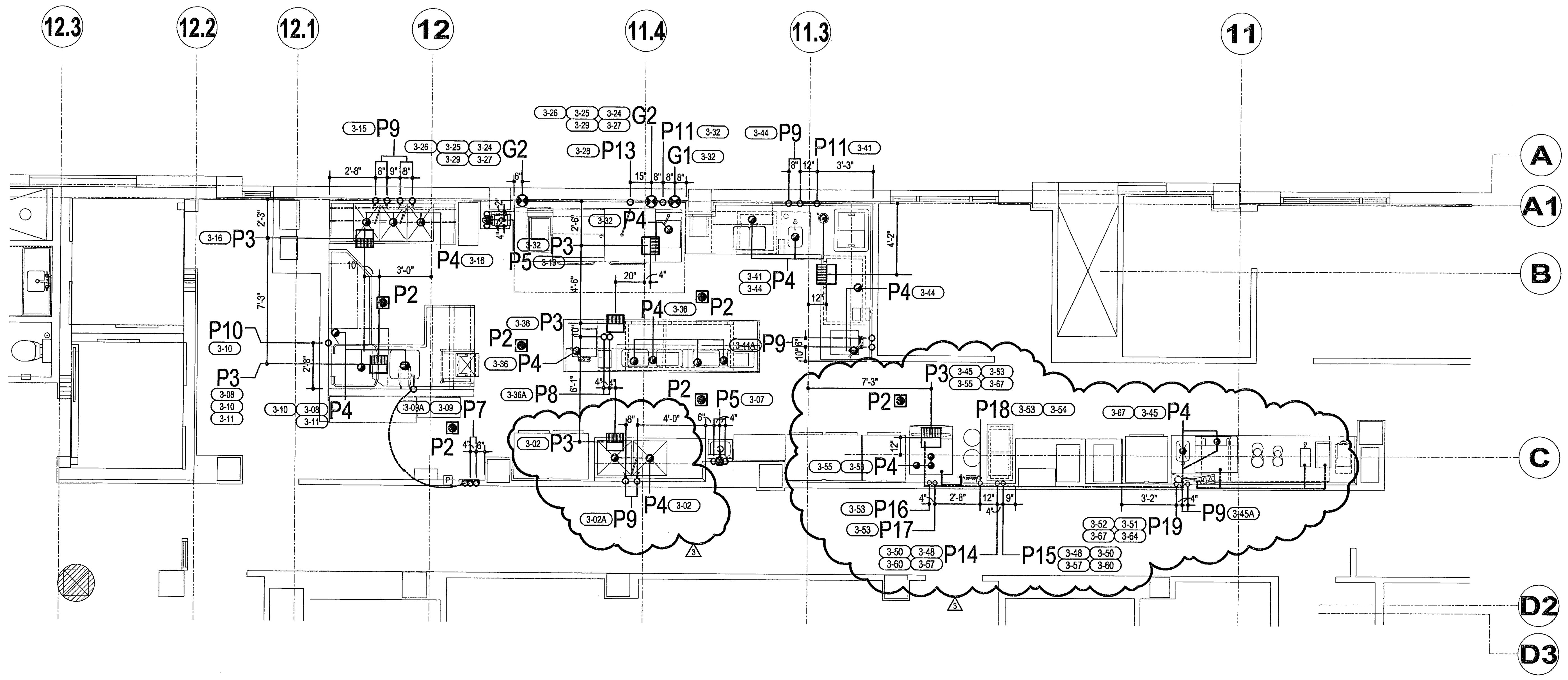
SHEET K3-4
PROJECT NUMBER 071152

Plot date: 7/7/2009 9:08:32 AM Path: F:\FOODSERVICE\FS-PROJECTS\2007\SOHO HOUSE (071152)\K3 - 7TH FLOOR KITCHEN\REVISION 3\071152 - K3 7TH FLOOR KITCHEN REV3 STEVETESTA

PLUMBING NOTES

1. UTILITIES SHOWN ARE THE MINIMUM REQUIRED FOR THE FOODSERVICE EQUIPMENT. LOCATION, QUANTITY & SIZE OF ADDITIONAL UTILITIES, IF DESIRED/REQUIRED, ARE TO BE PROVIDED BY OTHERS.
2. FINAL CONNECTIONS TO EQUIPMENT, INTER-CONNECTIONS BETWEEN COMPONENTS & INSTALLING DRAINS/FAUCETS ARE INCLUDED IN THE PLUMBING CONTRACTOR'S SCOPE OF WORK.
3. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, COMPONENTS SUCH AS (BUT NOT LIMITED TO) PIPE, TRAPS, VALVES, WATER HAMMER ARRESTORS, PRESSURE REDUCING VALVES, PRESSURE REGULATING VALVES & GAUGES SHALL BE PROVIDED & INSTALLED BY THE PLUMBING CONTRACTOR.
4. UNLESS OTHERWISE NOTED IN THESE DRAWINGS OR AS RESTRICTED BY CODE, UTILITIES SHALL BE CONCEALED IN & STUBBED OUT OF BUILDING WALLS.
5. COMPONENTS SUCH AS (BUT NOT LIMITED TO) TRAPS, VALVES, WATER HAMMER ARRESTORS, PRESSURE REDUCING VALVES, PRESSURE REGULATING VALVES & GAUGES SHALL BE LOCATED SO THAT THEY DO NOT INTERFERE WITH THE OPERATION OF THE EQUIPMENT.
6. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, WATER PRESSURE AT CONNECTION POINTS ON THE EQUIPMENT SHALL NOT EXCEED:
   A. 25 PSI FOR DISHMACHINES & WATER BOOSTER HEATERS
   B. 50 PSI FOR ALL OTHER EQUIPMENT

   & SHALL COMPLY WITH THE MANUFACTURE'S WATER FLOW REQUIREMENTS.
7. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, HOT WATER SUPPLY TO DISH & WAREWASHING EQUIPMENT & WATER BOOSTER HEATERS SHALL BE 120 DEG F (+/- 5 DEG F) AT THE CONNECTION POINT ON THE EQUIPMENT.
8. THE PLUMBING CONTRACTOR SHALL PROVIDE A WATER HAMMER ARRESTOR AT ALL WATER HEATERS AND DISHMACHINE/WATER BOOSTER HEATER LOCATIONS.
9. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, THE PLUMBING CONTRACTOR SHALL PROVIDE & INSTALL BACKFLOW PREVENTION DEVICES AS REQUIRED BY APPLICABLE CODE(S) AND GOVERNING OFFICIALS HAVING JURISDICTION.
10. EXPOSED PORTIONS OF CHILLED/COOLING WATER & HOT WATER PIPING SHALL BE INSULATED BY THE PLUMBING CONTRACTOR.
11. GAS, STEAM & WATER PIPING SHALL BE BE PRESSURE TESTED, FLUSHED FREE OF FOREIGN MATTER & LINE STRAINERS CLEANED BY THE PLUMBING CONTRACTOR PRIOR TO CONNECTION TO THE EQUIPMENT.
12. GREASE TRAPS ARE TO BE LOCATED & INSTALLED SO THEY ARE ACCESSIBLE & COVER(S) REMOVED WITHOUT INTERFERING IN THE OPERATION OF THE EQUIPMENT OR WITH ANY ELECTRICAL, MECHANICAL OR PLUMBING UTILITY.
13. CONDENSATE DRAIN PIPING SHALL BE TRAPPED OUTSIDE OF THE REFRIGERATED COMPARTMENT & EXTENDED TO AN INDIRECT BUILDING WASTE DRAIN.
14. CONDENSATE DRAIN PIPING FROM WALK-IN EVAPORATOR COILS SHALL BE PROVIDED, INSTALLED & INSULATED BY THE PLUMBING CONTRACTOR.
15. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, CONDENSATE DRAIN PIPING FROM REFRIGERATED EQUIPMENT NOT EQUIPPED WITH A CONDENSATE EVAPORATOR SHALL BE PROVIDED & INSTALLED BY THE PLUMBING CONTRACTOR.
16. DRAIN PIPING FROM WASTE DISPOSAL EQUIPMENT SUCH AS DISPOSERS/PULPERS SHALL BE PROVIDED WITH CLEAN-OUT FITTINGS.
17. PLUMBING CONTRACTOR TO PROVIDE & INSTALL A MAIN FUEL GAS SHUT-OFF VALVE IN ACCORDANCE WITH APPLICABLE CODES & ANY GOVERNING OFFICIAL HAVING JURISDICTION.
18. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, FUEL GAS SOLENOID SHUT-OFF VALVE(S) FOR FOODSERVICE EQUIPMENT PROVIDED BY BARING ARE PROVIDED BY BARING & INSTALLED BY THE PLUMBING CONTRACTOR.
19. UNLESS PERMITTED BY APPLICABLE CODE(S) FUEL GAS PIPING TO PILOT BURNERS ON EQUIPMENT SHALL SHALL NOT BY-PASS A FUEL GAS SOLENOID SHUT-OFF VALVE.
20. BARING INDUSTRIES RECOMMENDS THAT FUEL GAS SERVICE BE PROVIDED VIA A LOOPED DISTRIBUTION SYSTEM. THE SIZE OF THE LOOP SHALL BE DETERMINED BY THE PROJECT ARCHITECT/ENGINEER.
21. DRAIN PIPING FROM ANY EQUIPMENT USING/GENERATING STEAM SHALL BE OF MATERIALS & UTILIZING INSTALLATION METHODS TO ACCOMMODATE TEMPERATURES ABOVE 212 DEG F.
22. BARING INDUSTRIES RECOMMENDS THAT STEAM SUPPLY & CONDENSATE RETURN BE PROVIDED VIA LOOPED SYSTEMS. THE SIZE OF THE LOOPS SHALL BE DETERMINED BY THE PROJECT ARCHITECT/ENGINEER.
23. BARING INDUSTRIES RECOMMENDS THAT CHILLED/COOLING WATER SUPPLY & RETURNS BE PROVIDED VIA LOOPED SYSTEMS. THE SIZE OF THE LOOPS SHALL BE DETERMINED BY THE PROJECT ARCHITECT/ENGINEER.



GAS ROUGH-IN SCHEDULE

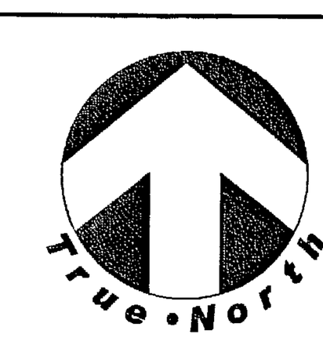
G1	1/2" NATURAL GAS - STUB @ +24" AFF & OUT OF BUILDING WALL - CONNECT TO EQUIPMENT THROUGH PRESSURE REGULATOR & FLEXIBLE GAS LINE W/QUICK DISCONNECT & PROVIDE SHUT-OFF
G2	1-1/4"NATURAL GAS FR/GAS SUPPLY LOOP - STUB @ +24" AFF & OUT OF BUILDING WALL - CONNECT TO EQUIPMENT THROUGH PRESSURE REGULATOR & FLEXIBLE GAS LINE W/QUICK DISCONNECT - PROVIDE SHUT-OFF @ EACH END OF LOOP

PLUMBING ROUGH-IN SCHEDULE

	P1	NOT USED
	P2	FLOOR DRAIN W/REMOVABLE GRATE
	P3	FLOOR SINK W/REMOVABLE GRATE
	P4	DRAIN LOCATION ON EQUIPMENT - EXTEND TO BUILDING WASTE DRAIN
	P5	1/2" HOT & COLD WATER STUB @ +12" AFF & OUT OF WALL AND 1-1/2" DIRECT WASTE DRAIN STUBED-UP +18" & OUT OF WALL - CONNECT TO HAND SINK & PROVIDE SHUT-OFF VALVES ON WATER LINES
	P6	3" DIRECT WASTE DRAIN F/FLOOR TROUGH - STUB UP +6" AFF - TRIM TO CORRECT ELEVATION & CONNECT TO FLOOR TROUGH
	P7	1/2" HOT & COLD WATER - STUB @ +80" AFF TO TOP OF CONTROL CABINET, CONNECT TO MIXING VALVE IN HOSE REEL CONTROL CABINET & EXTEND TO HOSE REEL INSIDE BUILDING WALL
	P8	1/2" HOT & COLD WATER - STUB @ +6" AFF - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVES
	P9	1/2" HOT & COLD WATER - STUB @ +12" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVES
	P10	3/4" MINIMUM 110° F HOT WATER - STUB @ +12" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVE
	P11	1/2" COLD WATER - STUB @ +12" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVE
	P12	NOT USED
	P13	1/2" COLD WATER - STUB @ +40" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVE
	P14	1 1/4" COOLING WATER SUPPLY FR/BUILDING COOLING SYSTEM LOOP -STUB @ + 24" AFF & OUT OF WALL -MANIFOLD & CONNECT TO INLETS ON MULTIPLE EQUIPMENT -PROVIDE SHUT-OFF AT EACH INLET -INSULATE ALL EXPOSED PIPING.
	P15	1 1/4" COOLING WATER RETURN TO BUILDING COOLING SYSTEM LOOP MANIFOLD & -STUB @ + 24" AFF & CONNECT TO OUTLETS ON MULTIPLE EQUIPMENT -PROVIDE SHUT-OFF AT EACH OUTLET -INSULATE ALL EXPOSED PIPING.
	P16	1/2" COOLING WATER SUPPLY FR/BUILDING COOLING SYSTEM LOOP - STUB @ +54" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVE
	P17	1/2" COOLING WATER RETURN TO BUILDING COOLING SYSTEM LOOP - STUB @ +54" AFF & OUT OF WALL - CONNECT TO EQUIPMENT & PROVIDE SHUT-OFF VALVE
△3	P18	3/4" COLD WATER - STUB @ +84" AFF & OUT OF WALL - CONNECT TO WATER FILTER & EXTEND FR/FILTER THROUGH BUILDING WALL TO ICE MACHINE - PROVIDE SHUT-OFF VALVE
△3	P19	3/4" COLD WATER - STUB @ +84" AFF & OUT OF WALL - CONNECT TO WATER FILTER & EXTEND FR/FILTER TO BEVERAGE EQUIPMENT - PROVIDE SHUT-OFF VALVE

PLUMBING LEGEND

COLD WATER	CW	○
HOT WATER	HW	○
COOLING WATER SUPPLY	CWS	○
COOLING WATER RETURN	CWR	○
BUILDING DIRECT WASTE DRAIN	DW	●
INDIRECT WASTE DRAIN LOCATION ON EQUIPMENT	IW	◐
HUB DRAIN/AIR GAP DRAIN	HD/AGD	◉
FLOOR DRAIN	FD	▣
FUNNEL-TYPE FLOOR DRAIN	FTFD	▣
FLOOR SINK	FS	▤
STEAM SUPPLY	SS	◉
CONDENSATE RETURN	CR	◎
GAS	G	⊗
COMPRESSED AIR	CA	▲
ABOVE FINISH FLOOR	AFF	
DROP FROM ABOVE	DFA	
BELOW FINISH FLOOR	BFF	
INTER-CONNECTING WATER PIPING	———	



BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http//:www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385- 4416
FAX (702) 385-4417

PROJECT NAME: **SOHO HOUSE**
PROJECT LOCATION: MIAMI BEACH, FLORIDA
AREA NAME: SEVENTH FLOOR KITCHEN

SHEET TITLE: **PLUMBING ROUGH-IN PLAN**

REVISION:	BY:	CK BY:	DATE:
△1	ST	JM	03-23-2009
△2	JRL	JM	04-23-2009
△3	ST	MGP	07-08-2009
△4	.	.	.
△5	.	.	.
△6	.	.	.

PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-6720
DRAWN BY: ST
CHECKED BY: JM
DATE: 02-27-2009
SCALE: 1/4" =1'-0"

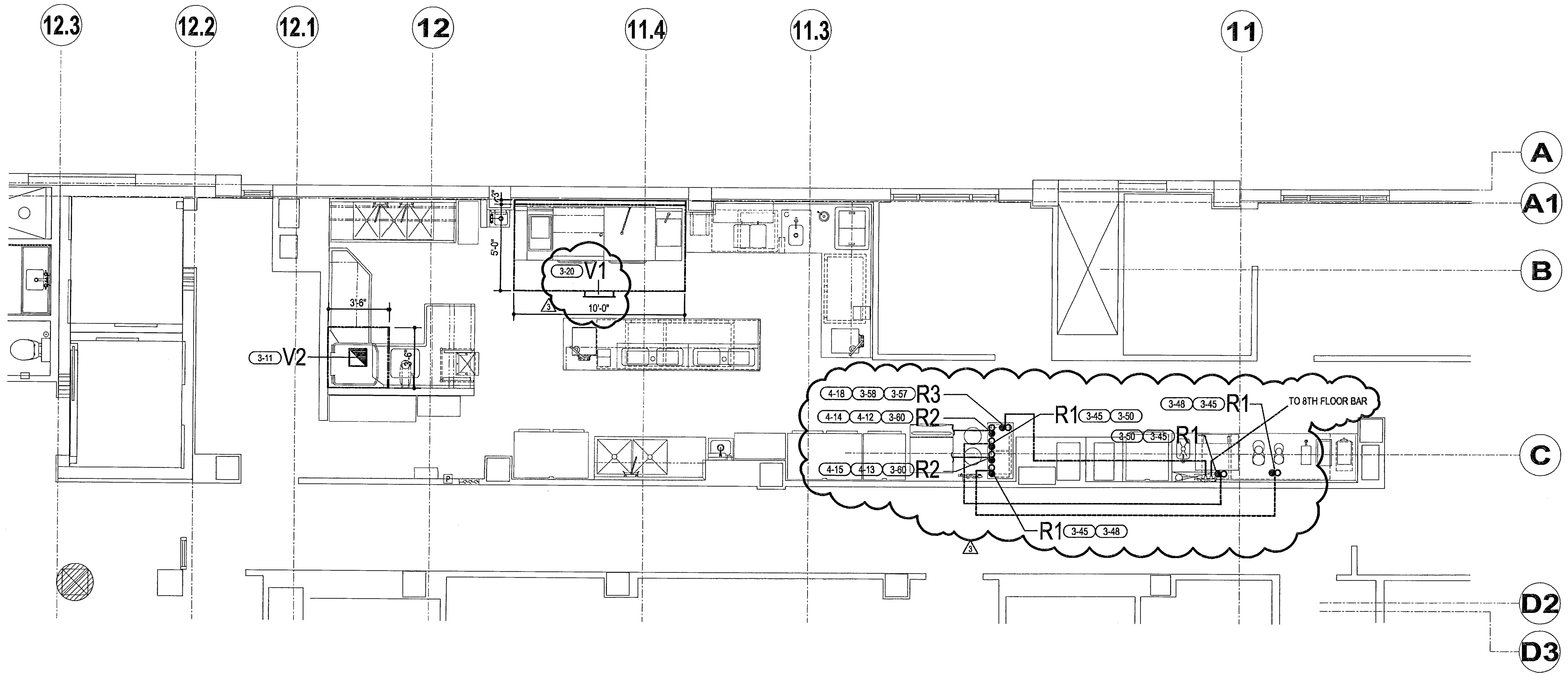
SHEET: K3-5

PROJECT NUMBER: 071152

Plot date: 7/7/2009 1:50:13 PM Path: F:\FOODSERVICE\FS-PROJECTS\2007\SOHO HOUSE (071152)\K3 - 7TH FLOOR KITCHEN\REVISION 3\071152 - K3 7TH FLOOR KITCHEN REV3.D
STEVETESTA

REFRIGERATION & VENTILATION NOTES

1. SLEEVES PENETRATING ANY WALL, FLOOR OR ROOF SHALL BE PROVIDED & INSTALLED BY THE GENERAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE CODE(S) & ANY GOVERNING OFFICIAL HAVING JURISDICTION.
2. REFRIGERATION LINE RUNS SHOWN ARE SCHEMATIC. ACTUAL ROUTING TO BE DETERMINED BY JOB SITE CONDITIONS, REFRIGERATION SYSTEM INSTALLER & THE GENERAL CONTRACTOR.
3. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, CURBS/RACKS/DUNNAGE FOR ROOF-MOUNTED EQUIPMENT SHALL BE PROVIDED & INSTALLED BY THE GENERAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE CODE(S) & ANY GOVERNING OFFICIAL HAVING JURISDICTION.
4. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, EXHAUST VENTILATORS SHALL BE HUNG WITH THE BOTTOM OF THE VENTILATOR @ 80" AFF.
5. HVAC CONTRACTOR SHALL MAKE CONNECTIONS BETWEEN EXHAUST VENTILATORS & DUCT WORK FULLY WELDED & LIQUID TIGHT.
6. HVAC CONTRACTOR SHALL PROVIDE & INSTALL DUCTWORK, FANS & CURBS REQUIRED FOR A COMPLETE & FUNCTIONING SYSTEM.
7. SYSTEM START-UP & AIR BALANCE IS INCLUDED IN THE HVAC CONTRACTOR'S SCOPE OF WORK.



VENTILATION ROUGH-IN SCHEDULE

△3	V1	10" X 20" EXHAUST DUCT IN FRONT FACE OF EXHAUST HOOD- 2927 CFM @ .80" SP
	V2	10" X 10" VAPOR HOOD EXHAUST - 500 CFM

REFRIGERATION ROUGH-IN SCHEDULE

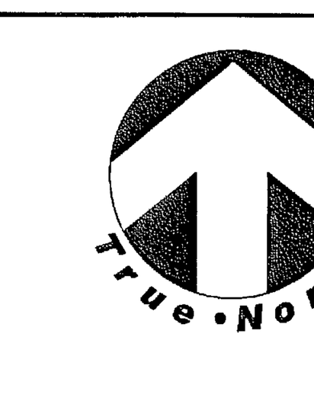
	R1	LIQUID & SUCTION REFRIGERATION LINES BETWEEN THE EQUIPMENT & REMOTE CONDENSING UNIT
△3	R2	LIQUID & SUCTION REFRIGERATION LINES BETWEEN 8TH FLOOR REFRIGERATED EQUIPMENT & REMOTE CONDENSING UNIT
△3	R3	REFRIGERATED GLYCOL CIRCULATION LINES TO REMOTE BEER PUMP PANEL STATION & BEER TOWERS ON 8TH FLOOR VIA PRODUCT CONDUIT PYTHON

REFRIGERATION LEGEND

LIQUID & SUCTION LINES	○●
OVERHEAD REFRIGERATION LINES	———
BELOW FLOOR REFRIGERATION LINES	———
ABOVE FINISHED FLOOR	AFF
DROP FROM ABOVE	DFA
BELOW FINISHED FLOOR	BFF

VENTILATION LEGEND

EXHAUST DUCT	
SUPPLY DUCT	
STATIC PRESSURE, WATER GAUGE	SPWG
CUBIC FEET/MINUTE	CFM
ABOVE FINISHED FLOOR	AFF



BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http//:www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385-4416
FAX (702) 385-4417

PROJECT NAME: **SOHO HOUSE**
PROJECT LOCATION: MIAMI BEACH, FLORIDA
AREA NAME: SEVENTH FLOOR KITCHEN

SHEET TITLE: **REFRIGERATION & VENTILATION ROUGH-IN PLAN**

REVISION:	BY:	CK BY:	DATE:
△1	ST	JM	03-23-2009
△2	JRL	JM	04-23-2009
△3	ST	MGP	07-08-2009
△4	.	.	.
△5	.	.	.
△6	.	.	.

PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-6720
DRAWN BY: ST
CHECKED BY: JM
DATE: 02-27-2009
SCALE: 1/4" =1'-0"

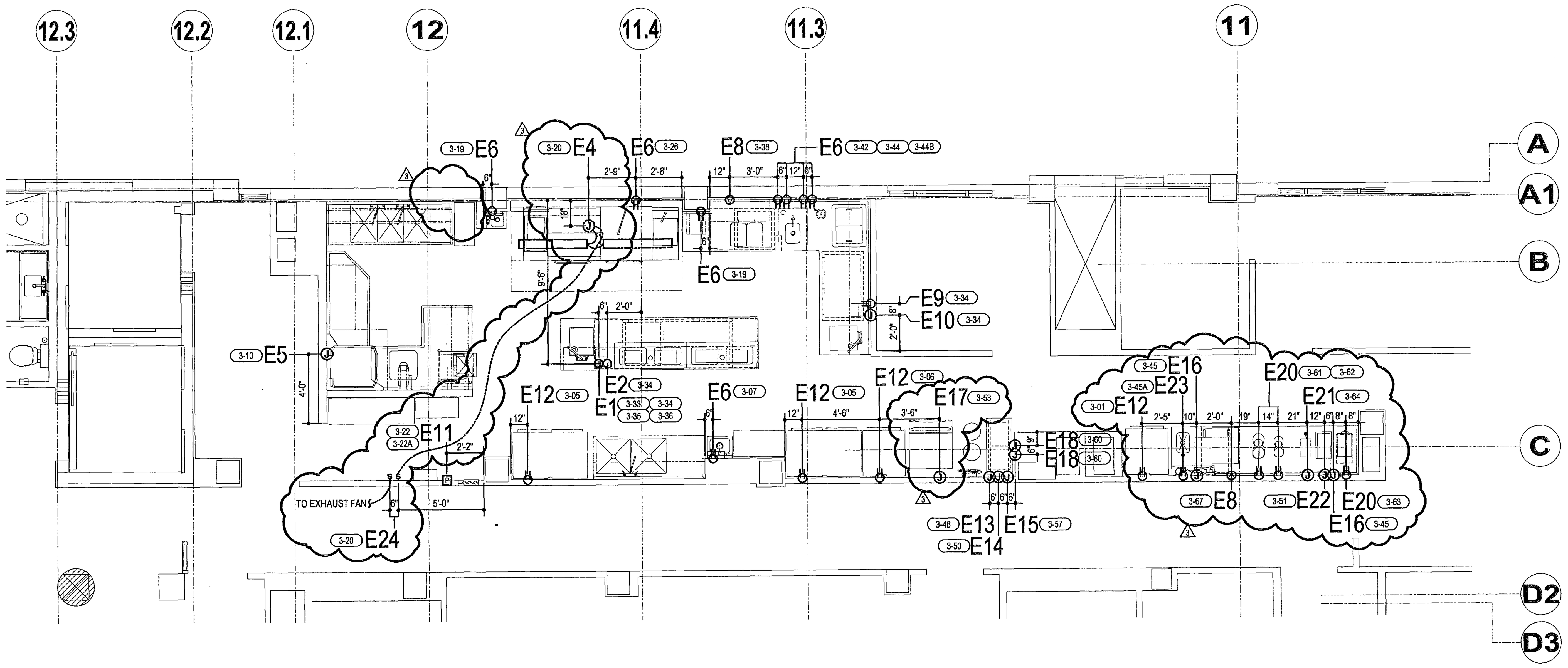
SHEET: K3-6

PROJECT NUMBER: 071152

Plot date: 7/7/2009 9:08:21 AM STEVETESTA
Path: F:\FOODSERVICE\FS-PROJECTS\2007\SOHO HOUSE (071152)\K3 - 7TH FLOOR KITCHEN\REVISION 3\071152 - K3 7TH FLOOR KITCHEN RE

ELECTRICAL NOTES

1. UTILITIES SHOWN ARE THE MINIMUM REQUIRED FOR THE FOODSERVICE EQUIPMENT. LOCATION, QUANTITY & SIZE OF ADDITIONAL UTILITIES, IF DESIRED/REQUIRED, ARE TO BE PROVIDED BY OTHERS.
2. FINAL CONNECTIONS TO EQUIPMENT & INTER-CONNECTIONS BETWEEN COMPONENTS ARE INCLUDED IN THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK.
3. UNLESS OTHERWISE NOTED IN THESE DRAWINGS, COMPONENTS SUCH AS (BUT NOT LIMITED TO) WIRE, CONDUIT, SWITCHES, SAFETY DEVICES, OVER CURRENT & GROUND FAULT PROTECTION DEVICES & DISCONNECT SWITCHES SHALL BE PROVIDED & INSTALLED BY THE ELECTRICAL CONTRACTOR.
4. UNLESS OTHERWISE NOTED IN THESE DRAWINGS OR AS RESTRICTED BY CODE, UTILITIES SHALL BE CONCEALED IN & STUBBED OUT OF BUILDING WALLS.
5. COMPONENTS SUCH AS (BUT NOT LIMITED TO) SWITCHES, SAFETY DEVICES, OVER CURRENT & GROUND FAULT PROTECTION DEVICES & DISCONNECT SWITCHES SHALL BE LOCATED SO THAT THEY DO NOT INTERFERE WITH THE OPERATION OF THE EQUIPMENT.
6. NEMA CONFIGURATION DESIGNATIONS ARE PROVIDED TO ENSURE THAT RECEPTACLES PROVIDED & INSTALLED BY THE ELECTRICAL CONTRACTOR MATCH THE PLUG CONFIGURATION PROVIDED WITH THE EQUIPMENT.
7. ELECTRICAL CONTRACTOR SHALL PROVIDE & INSTALL DISCONNECT SWITCHES AS REQUIRED BY APPLICABLE CODE(S) & ANY GOVERNING OFFICIAL HAVING JURISDICTION.
8. LINE VOLTAGE CONTROL CIRCUIT & INTER-WIRING BETWEEN WALK-IN BOX COMPONENTS SUCH AS (BUT NOT LIMITED TO) CONDENSING UNITS, REFRIGERATION RACKS, EVAPORATOR COILS, TIME CLOCKS & TEMPERATURE CONTROLS ARE INCLUDED IN THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK.
9. UNLESS OTHERWISE NOTED IN THESE DRAWINGS HEATER CABLE SHALL PROVIDED BY BARING & SHALL BE FLEXIBLE, SELF-REGULATING TYPE RATED @ 3 WATTS PER FOOT.
10. CONDENSATE DRAIN PIPE FROM WALK-IN FREEZER COMPARTMENTS SHALL BE WRAPPED WITH HEATER CABLE BY THE ELECTRICAL CONTRACTOR.
11. WALK-IN BOX LIGHT FIXTURES SHIPPED LOOSE SHALL BE MOUNTED AND INTER-WIRED BY THE ELECTRICAL CONTRACTOR.
12. LINE VOLTAGE CONTROL CIRCUIT & INTER-WIRING BETWEEN EXHAUST VENTILATOR COMPONENTS SUCH AS (BUT NOT LIMITED TO) LIGHT FIXTURES, CONTROL PANELS, FANS, MAGNETIC CONTACTORS, MOTORIZED DAMPERS & THE BUILDING ALARM SYSTEM ARE INCLUDED IN THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK.
13. LINE VOLTAGE CONTROL CIRCUIT & INTER-WIRING BETWEEN FIRE SUPPRESSION SYSTEM COMPONENTS SUCH AS (BUT NOT LIMITED TO) CONTROL PANELS, AGENT CABINETS, REMOTE PULL STATIONS & THE BUILDING ALARM SYSTEM ARE INCLUDED IN THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK.
14. FIRE SUPPRESSION SYSTEM REMOTE PULL STATION REQUIRES A 4" x 4" OCTAGON J-BOX W/SCREW HOLES @ 2- & 8-O'CLOCK POSITIONS. ELECTRICAL CONTRACTOR SHALL RECESS THE J-BOX IN THE BUILDING WALL & PROVIDE EMPTY CONDUIT FROM THE TOP OF THE J-BOX STUBBED OUT THE BLDG WALL 6" ABOVE THE FINISHED CLG.
15. ELECTRICAL CONTRACTOR SHALL VERIFY FIRE SUPPRESSION SYSTEM REMOTE PULL STATION LOCATIONS WITH THE GOVERNING OFFICIAL HAVING JURISDICTION PRIOR TO ROUGH-IN.
16. ELECTRICAL CONTRACTOR SHALL VERIFY TO WHICH BLDG SYSTEMS THE FIRE SUPPRESSION SYSTEM SHALL BE INTER-CONNECTED.
17. LINE VOLTAGE CONTROL CIRCUIT & INTER-WIRING BETWEEN WASTE SYSTEM COMPONENTS SUCH AS (BUT NOT LIMITED TO) CONTROL PANELS, START-STOP SWITCHES, DISPOSERS, PUPLERS & TROUGH COLLECTORS ARE INCLUDED IN THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK.
18. LINE VOLTAGE CONTROL CIRCUIT & INTER-WIRING BETWEEN WAREWASHING EQUIPMENT COMPONENTS SUCH AS (BUT NOT LIMITED TO) CONTROL PANELS, VENT FAN CONTROL, DETERGENT & SANITIZER DISPENSERS, TABLE LIMIT SWITCHES & WATER BOOSTER HEATERS ARE INCLUDED IN THE ELECTRICAL CONTRACTOR'S SCOPE OF WORK.
19. UNLESS OTHERWISE STIPULATED BY APPLICABLE CODE, ALL 120-VOLT RECEPTACLES SHALL BE GFCI TYPE.
20. POWER SERVICE TO COMPUTER AND POINT-OF-SALE EQUIPMENT SHALL BE ON A DEDICATED CIRCUIT WITH ISOLATED GROUND.
21. POINT-OF-SALE EQUIPMENT REQUIRES AN EMPTY J-BOX AND CONDUIT SUITABLE FOR CATEGORY-5 DATA INTERFACE CABLE. ELECTRICAL CONTRACTOR TO VERIFY ROUTING WITH THE SYSTEM PROVIDER.
22. COMPUTER EQUIPMENT REQUIRES A J-BOX AND CONDUIT WITH DATA INTERFACE CABLE & RJ45 ETHERNET CONNECTOR. ELECTRICAL CONTRACTOR TO VERIFY ROUTING WITH THE SYSTEM PROVIDER.



ELECTRICAL ROUGH-IN SCHEDULE

Rev.	Item	Description
	E1	CONDUIT STUB - 120-208V/3PH/60A SERVICE STUB @ +6" AFF - CONNECT TO CIRCUIT BREAKER PANEL ON EQUIPMENT - SEE SHOP DRAWING FOR PANEL SCHEDULE
	E2	EMPTY JUNCTION BOX & CONDUIT F/CAT5e COMMUNICATION/DATA CABLE - +6" AFF - VERIFY REQUIREMENTS WITH SUPPLIER
3	E3	NOT USED
3	E4	JUNCTION BOX - 120V/1PH/10A SERVICE DOWN FR/ABOVE TO TOP OF EXHAUST HOOD - CONNECT & INTER-WIRE TO LIGHT FIXTURES & CAPTURE JET FAN(S) AS REQUIRED
	E5	JUNCTION BOX - 480V/3PH/35A SERVICE +18" AFF - CONNECT TO EQUIPMENT & INTERWIRE VENT FAN CONTROL TO EXHAUST FAN.
	E6	DUPLEX RECEPTACLE - 120V/1PH/20A SERVICE - NEMA 5-20R GFCI +18" AFF
	E7	NOT USED
	E8	SINGLE RECEPTACLE - 208V/1PH/30A SERVICE - NEMA L6-30R +50" AFF
	E9	DUPLEX RECEPTACLE ON DEDICATED CIRCUIT W/ISOLATED GROUND - 120V/1PH/20A SERVICE - NEMA 5-20R +50" AFF
	E10	EMPTY JUNCTION BOX & CONDUIT F/CAT5e COMMUNICATION/DATA CABLE - +50" AFF - VERIFY REQUIREMENTS WITH SUPPLIER
	E11	EMPTY OCTAGON JUNCTION BOX F/FIRE PROTECTION SYSTEM REMOTE PULL STATION - +48" AFF W/SCREW HOLES @ 2 & 8 O'CLOCK POSITIONS - EXTEND 1/2" EMT CONDUIT FROM BOX TO 6" ABOVE FINISHED CEILING W/NO BENDS
	E12	DUPLEX RECEPTACLE - 120V/1PH/20A SERVICE - NEMA 5-20R GFCI +90" AFF
	E13	JUNCTION BOX - 120V/1PH/15A SERVICE +24" AFF - CONNECT TO EQUIPMENT
	E14	JUNCTION BOX - 120V/1PH/10A SERVICE +24" AFF - CONNECT TO EQUIPMENT
	E15	JUNCTION BOX - 208V/1PH/15A SERVICE +60" AFF - CONNECT TO EQUIPMENT
	E16	JUNCTION BOX - 120V/1PH/10A SERVICE +24" AFF - CONNECT TO EQUIPMENT
3	E17	JUNCTION BOX - 208V/1PH/20A SERVICE +66" AFF - CONNECT TO EQUIPMENT
	E18	JUNCTION BOX - 120V/1PH/15A SERVICE +78" AFF - CONNECT TO EQUIPMENT
	E19	NOT USED
	E20	DUPLEX RECEPTACLE - 120V/1PH/20A SERVICE - NEMA 5-20R GFCI +50" AFF
	E21	JUNCTION BOX - 120V/1PH/20A SERVICE +50" AFF - CONNECT TO EQUIPMENT
3	E22	JUNCTION BOX - 120-208V/1PH/20A SERVICE +50" AFF - CONNECT TO EQUIPMENT
3	E23	DUPLEX RECEPTACLE - 120V/1PH/15A SERVICE - NEMA 5-15R GFCI +18" AFF
3	E24	LIGHT & FAN SWITCHES F/EXHAUST HOOD @ 48" AFF - INTERWIRE TO EXHAUST HOOD & FAN AS REQUIRED

ELECTRICAL LEGEND

SINGLE RECEPTACLE, NEMA 5-20R	SR
DUPLEX RECEPTACLE, NEMA 5-20R	DR
QUADRAPLEX RECEPTACLE, NEMA 5-20R	QR
SPECIAL RECEPTACLE, 208 OR 480	SPR
FLOOR RECEPTACLE	FR
JUNCTION BOX	JB
DROP CORD OR CONDUIT	DC
CONDUIT STUB	C
WALL SWITCH	S
RECEPTACLE ON EQUIPMENT	
FIRE PROTECTION SYSTEM REMOTE PULL STATION	
INCANDESCENT LIGHT FIXTURE	
FLUORESCENT LIGHT FIXTURE	
LOAD CENTER IN EQUIPMENT	
BUILDING LOAD CENTER PANEL	
POINT OF CONNECTION ON EQUIPMENT	
ABOVE FINISHED FLOOR	AFF
DROP FROM ABOVE	DFA
BRANCH TO CONNECTIONS	BTC
ELECTRICAL INTERCONNECTIONS	

True • North

BARING INDUSTRIES
A Division of Electrolux Professional, Inc.
http//:www.baring.com • e-mail: sales@baring.com

Corporate Headquarters
Baring Industries
3249 S.W. 42ND STREET
Ft. Lauderdale, FL 33312 USA
TELEPHONE (954) 327-6700
FAX: (954) 327-6781

Northeastern Regional Office
Baring Industries
3001 Lincoln Drive West, Suite J
Marlton, NJ 08053 USA
TELEPHONE (856) 988-9926
FAX (856) 988-0152

Mideastern Regional Office
Baring Industries
1209 PINES STREET
Suite 100
Nashville, TN 37203 USA
TELEPHONE (615) 252-8089
FAX (615) 252-8074

Midwestern Regional Office
Baring Industries
435 Eisenhower Lane South
Lombard, IL 60148 USA
TELEPHONE (630) 620-1110
FAX (630) 620-1120

Western Regional Office
Baring Industries
11411 Southern Highlands Parkway
Suite 220
Las Vegas, NV 89141 USA
TELEPHONE (702) 385-4416
FAX (702) 385-4417

PROJECT NAME: SOHO HOUSE
PROJECT LOCATION: MIAMI BEACH, FLORIDA
AREA NAME: SEVENTH FLOOR KITCHEN

SHEET TITLE: ELECTRICAL ROUGH-IN PLAN

REVISION:	BY:	CK BY:	DATE:
1	ST	JM	03-23-2009
2	JRL	JM	04-23-2009
3	ST	MGP	07-08-2009
4			
5			
6			

PROJ. MGR: FRANK MURPHY
COORDINATOR: PATRICIA TEPPER
TELEPHONE: 954-327-6720
DRAWN BY: ST
CHECKED BY: JM
DATE: 02-27-2009
SCALE: 1/4" =1'-0"

SHEET K3-7

PROJECT NUMBER 071152

Plot date: 7/7/2009 9:08:05 AM Path: F:\FOODSERVICE\FS-PROJECTS\2007\SOHO HOUSE (071152)\K3 - 7TH FLOOR KITCHEN\REVISION 3\071152 - K3 7TH FLOOR KITCHEN REV3.DWG Saved Last By: STEVETESTA

B0904736
4385 Collins Ave
Office Copy

DERM
PLAN REVIEW
FINAL
APPROVAL
DEPARTMENT OF ENVIRONMENTAL
RESOURCES MANAGEMENT
Miguel Do Amos
DATE 12/7/09

OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:

BUILDING:	11/18/09
ZONING:	12/11/09
DRAINAGE:	
CONCURRENCY:	12/11/09
PLUMBING:	11/4/09
ELECTRICAL:	11/06/09
MECHANICAL:	11/12/09
FIRE PREVENTION:	R. NEWMANS 11/17/09 R. NEWMANS 12/16/09
ENGINEERING:	12/16/09
PUBLIC WORKS:	12/01/09
STRUCTURAL:	10-27-09
ELEVATOR:	(NA)

Derm Number: 2009-1204-1159-1078
Contact Name: CEETA POLIAH
Contact Phone: (786)897-5342
Folio: 02-3226-001-2140
Project Name: SOHO BEACH HOUSE
Date Received: 12/04/2009
Reviewer Name:

CITY OF MIAMI BEACH
BUILDING DEPARTMENT
1700 CONVENTION CENTER DRIVE
2ND FLOOR - CITY HALL
MIAMI BEACH, FL 33139

NOTICE TO THE CITY OF MIAMI BEACH BUILDING DEPARTMENT OF EMPLOYMENT AS SPECIAL INSPECTOR UNDER THE FLORIDA BUILDING CODE

I, (we) have been retained by: Claro Development to perform special inspector services under the Florida Building Code at the 4385 Collins Avenue project on the below listed structures as of 10/15/10 (date). I am a professional engineer licensed in the State of Florida.

Process Number: B1100002 **Master Permit (IF APPLICABLE):**

- ○ Special Inspector for Pilings, FBC 1822.1.20
- ○ Special Inspector for Soil Compaction, FBC 1820.3.1
- ○ Special Inspector for Precast Attachments, FBC 1927.12.2 (By P.E. or R.A..)
- ○ Special Inspector for Reinforced Masonry, FBC 2122.4
- ⊗ Special inspection for Steel Bolted & Welded Connections, FBC 2218.2 (By P.E. or R.A..)
- ○ Special Inspector for Trusses over 35 feet long or 6 feet high, FBC 2319.17.2.4.2 (By P.E. or R. A..)
- ○ Special Inspector for _____

NOTE: Only the marked boxes apply.

The following individual's) employed by this firm or me are authorized representatives to perform inspections*

1. Jose Fernandez, PE
2. Peter Koerber
3. Federico Garcia
4. _____

***NOTE: FBC 2001 HVZ sections 1927.12.2, 2218.2, 2319.17.4.2 requires either a Registered professional Engineer or Registered Architect to perform the actual inspections.**

I, (we) will notify the City of Miami Beach Building Department of any changes regarding authorized personnel performing inspection services.

I, (we) understand that a Special Inspection Log for each building must be displayed in a convenient location on the site for reference by the City of Miami Beach Building Department Inspector. All mandatory inspections, as required of the Florida Building Code, Inspection performed by the Special Inspector hired by the Owner are in addition to the mandatory inspections performed by the Building Department. Further, upon completion of the work under each building permit, I will submit to the Building Inspector at the time of final inspection the completed Inspection Log form and sealed statement that, to the best of my knowledge, belief and professional judgment those portions outlined above meet the intent of the Florida Building Code and are in subsequent accordance with the approved plans.

Architect/Engineer Signature: _____

Architect/Engineer Name Printed: Mustafa Cankat, PE

Address: 1900 SW 57 AVE?, #1, Miami, FL 33155

Phone Number: (305) 266-9777

Signed and Sealed

#18612
License Number

Owner/Agent Signature: Leeta Polish - Agent

Owner/Agent Name Printed: _____

Date: 10/15/10

Building Department Accepted By: Peter 12/6/11

CANKAT-ESSMAN, INC.
1900 SW 57 Avenue, #1
Miami, FL 33155
Tel: (305) 266-9777
Fax: (305) 266-0584
mus@cankatessman.com
www.cankatessman.com

October 20, 2010

City of Miami Beach
Building Department
1700 Convention Center Drive
2nd Floor City Hall
Miami Beach, FL

Attention: Mr. R. L. Valdes, PE
Structural Plan Reviewer

Re: 4385 Collins Ave., Miami Beach, FL
Soho Beach House / Court Yard Pergola
Structural B 1100002
Our Job No. 10017

Dear Sir:

The following are our responses to your Structural Review Comments, dated 10/7/10.

ITEM #1:
Comment: PROVIDE FOUNDATION FOR TRELLIS COLUMNS. NOTE THAT DESIGN CRITERIA REFERS TO SOIL BEARING PRESSURE BUT THE MASTER PERMIT USED PILE FOUNDATION. IF TRELLIS IS SUPPORTED BY A CONCRETE STRUCTURE BY OTHERS (SLAB ON GRADE, STRUCTURAL SLAB OR CONTINUOUS OR INDIVIDUAL FOOTINGS), PROVIDE EVIDENCE OF SUCH.
RESPONSE: Trellis columns are supported on existing 8" reinforced concrete slab over pile foundation. Calculation page foundation information is corrected. See attached partial foundation plan of the area where the trellis columns are installed. See calculation page 11 maximum downward reaction (gravity + wind) is 2.05 kips. Punching shear at column base is less than 10 psi and distributed load is within the capacity of structural slab.

ITEM #2:
Comment: SPECIAL INSPECTIONS ARE REQUIRED FOR STRUCTURAL STEEL BOLTED AND WELDED CONNECTIONS. PROVIDE THREE FULLY EXECUTED COPIES OF SPECIAL INSPECTOR FORM.
RESPONSE: Special Inspector forms are provided. Please see attached.

ITEM #3:
Comment: SECTION 1/S-2. PROVIDE SIZE AND CONNECTIONS FOR HANGERS SUPPORTING TRELLIS FROM "EXISTING BEAMS BY OTHERS".

RESPONSE: Please see Section 6/S-2 for tubular hanger section size and weld size connecting them at top and bottom.

ITEM #4:
Comment: CALCULATIONS INDICATE A MOMENT CONNECTION BETWEEN BEAM AND POST AS AN ALL-AROUND 3/16" FILLET WELD. PROVIDE DETAIL FOR CONNECTION 2.
RESPONSE: Stability of the hanging pergola below the long bar structure has been originally provided in transverse direction (N-S) by connecting the new HSS 6x4x3/16 beams to concrete columns of the bar structure at each end in longitudinal direction (E-W) hangers were welded only. We revised Section 2/S-2 by adding cross bracing members to provide stability without relying on moment connection.

Yours truly,

Mustafa Cankat, PE

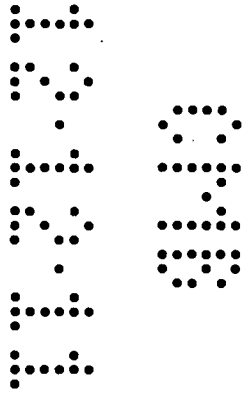
Atts.

CANKAT-ESSMAN, INC.
CONSULTING ENGINEERS
1900 SW 57 Ave., Suite 1
MIAMI, FL 33155
T:305.266.9777 F:305.266.0584

STRUCTURAL CALCULATIONS

GENERAL INFORMATION

Project :	SOHO BEACH HOUSE Courtyard Pergola
Project Address:	4385 Collins Ave Miami Beach FL 33140
Date	9/21/2010
Our Job No.	10017
Client:	SOHO BEACH HOUSE



INDEX

TOTAL (21) PAGES

Mustafa Cankat, PE
Florida License #: 18632
C.A #: 404419

M. Cankat

10/27/2010

MIAMI, FL 33155
T:305.266.9777 F:305.266.0584

PROJECT: **SOHO BEACH HOUSE Courtyard Pergola**	JOB NO: **10017**	Page: 2
DESIGN CRITERIA	TITLE:	Calc'd: FO
CLIENT:		Checked
ARCHITECT: **ALLAN T. SHULMAN ARCHITECTS, P.A.**	REVISED	Date: 10/27/10

STRUCTURAL CALCULATIONS

Applicable Codes:

* Florida Building Code 2007
* ACI 318-99 Reinforced Concrete
* ACI 530-98 Reinforced Masonry
* ASTM C-90 Hollow unit masonry
*ASTM C-476 Grout
* AISC
* ASCE 7-05

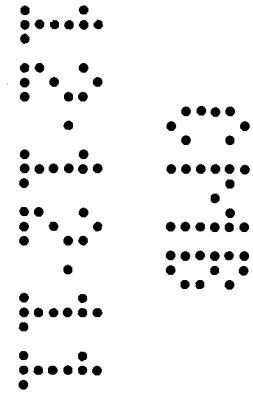
Wind Criteria (as per ASCE 7-05)

Basic Wind speed	146	(3 second gust) High Velocity Wind Zone
Height <60 Ft.		
Exposure C		
Importance factor I=	1	
Kd=	1	
kdt=	0.85	

Design Loads:

	Dead Load	S.I. DL	Live Load
Roof	10 psf		30 psf
Floor			
Terrace, Balcony /Stair	25 psf		100 psf

Pitch of roof	/12	degrees
Eave height(z)	Ft	
Building width (L)	Ft	
Mean roof height(H)	Ft	



Pergola columns are supported on existing 8" concrete structural slab over Pile Foundations.
Assumed minimum concrete properties.

Concrete:	Foundation	Superstructure	Reinforcing Steel	
fc'=	3000 psi	4000 psi	fy=	60000 psi
E=	3321 ksi			

Structural Wood
All structural lumber shall be No.2 common grade Southern Pine or better grade

Structural Steel
Tubular sections: ASTM A-500 Gr B
All Others: ASTM A-36

MIAMI, FL 33155
T:305.266.9777 F:305.266.0584

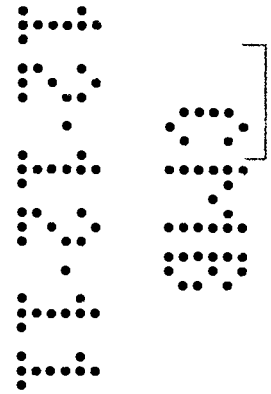
PROJECT: **SOHO BEACH HOUSE Courtyard Pergola**

CLIENT:

ARCHITECT:

JOB NO:

Calc'd: FO
Checked FO
Date: 9/2/10



WIND ANALYSIS

ASCE 7-05, MONOSLOPE FREE ROOFS, C&C Θ<=7.5° SOHO Beach

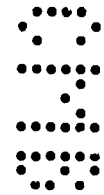
h(feet)	9.25	mean roof height	Θ°	0.00	OK< 7.5
Exposure	2	1 for B, 2 for C,1 for D	a(feet)	3.00	
K_{zt}	1.00	6.5.7	Exposure	C	
K_d	0.85	Table 6-4	α	9.5	Table 6-2
V	146	mph	z_g	900	Table 6-2
I	1.00	Table6-1	$K_{h(CASE\ 1)}$	0.85	Table 6-3
G	0.85	6.5.8	q_h	39.37	$.00256K_zK_{zt}K_dV^2I$
p(in/ft)	0.00	roof pitch	q_hG	33.47	psf
L(feet)	18.83	least horizontal dim.	h/L	0.49	OK
Flow	1	Enter1 for clear flow			

roof angle	sqft.	A_f	C_N					
			Zone 3		Zone 2		Zone 1	
0°	9	$<=a^2$	2.4	-3.3	1.8	-1.7	1.2	-1.1
	36	$>a^2<=4a^2$	1.8	-1.7	1.8	-1.7	1.2	-1.1
	36	$>4a^2$	1.2	-1.1	1.2	-1.1	1.2	-1.1

roof angle	sqft	A_f	C_N					
			Zone 3		Zone 2		Zone 1	
Θ°	9	$<=a^2$	2.4	-3.3	1.8	-1.7	1.2	-1.1
	36	$>a^2<=4a^2$	1.8	-1.7	1.8	-1.7	1.2	-1.1
	36	$>4a^2$	1.2	-1.1	1.2	-1.1	1.2	-1.1

roof angle	sqft	A_f	C_N					
			Zone 3		Zone 2		Zone 1	
7.5°	9	$<=a^2$	3.2	-4.2	2.4	-2.1	1.6	-1.4
	36	$>a^2<=4a^2$	2.4	-2.1	2.4	-2.1	1.6	-1.4
	36	$>4a^2$	1.6	-1.4	1.6	-1.4	1.6	-1.4

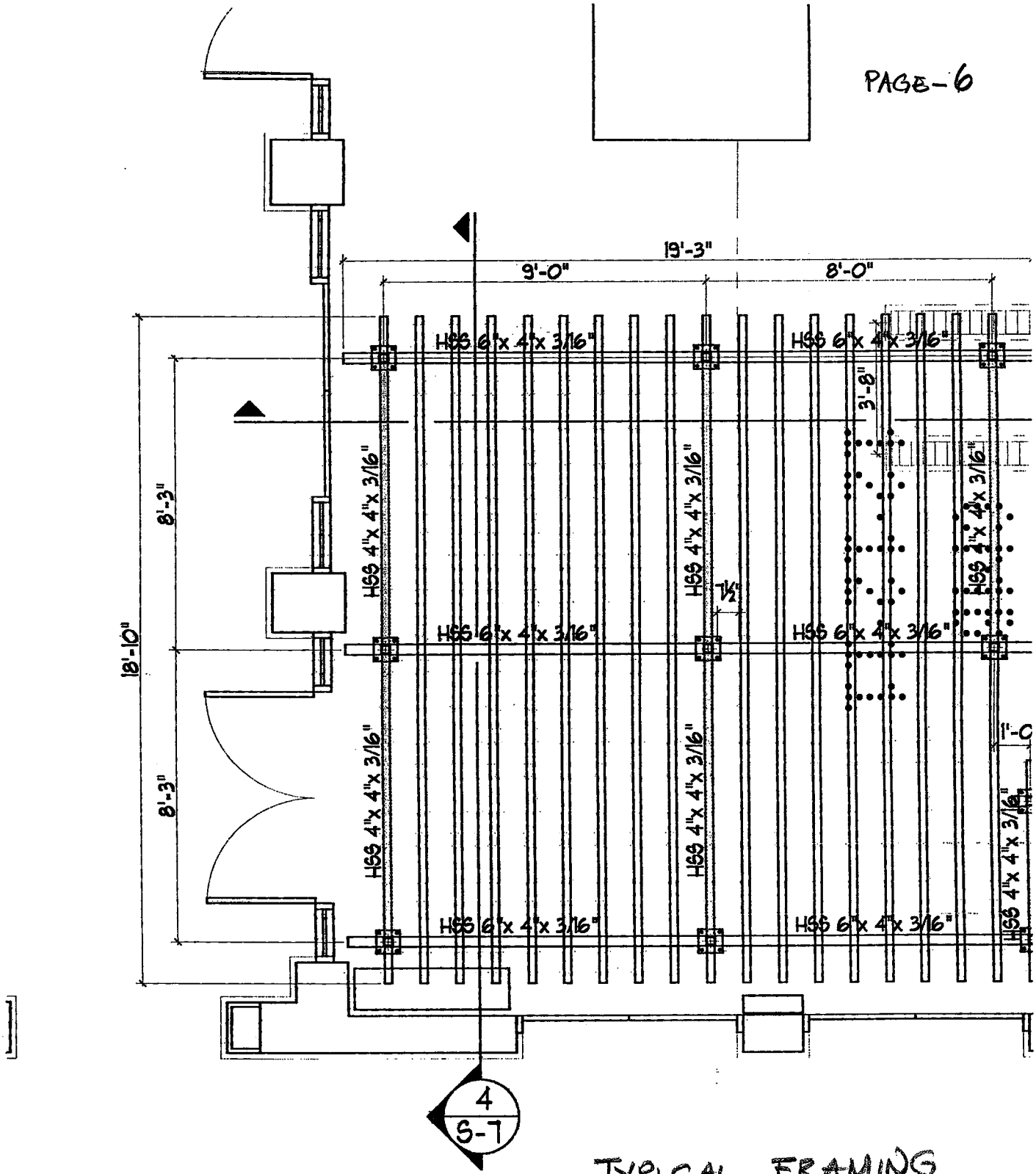
roof angle	sqft	A_f	$q_hGC_{N(psf)}$				**Clear Flow**	
			Zone 3		Zone 2		Zone 1	
Θ°	9	$<=a^2$	**80.32**	**-110.44**	**60.24**	**-56.90**	**40.16**	**-36.81**
	36	$>a^2<=4a^2$	**60.24**	**-56.90**	**60.24**	**-56.90**	**40.16**	**-46.86**
	36	$>4a^2$	**40.16**	**-36.81**	**40.16**	**-36.81**	**40.16**	**-36.81**



4x4 WD STL FRAME

FRAMING

STEEL BEAM/POST



TYPICAL FRAMING

CANKAT ESSMAN 1900 SW 57th Ave. No:1 miAMI, fl 33155 (305)266-9777	STEEL BEAM DESIGN SOHO BEACH HOUSE 9' LONG TUBULAR BEAM	Page 1 of Project No: 11/1/04 Design: M.C. Date: 09/02/10 Checked: F.O Date:

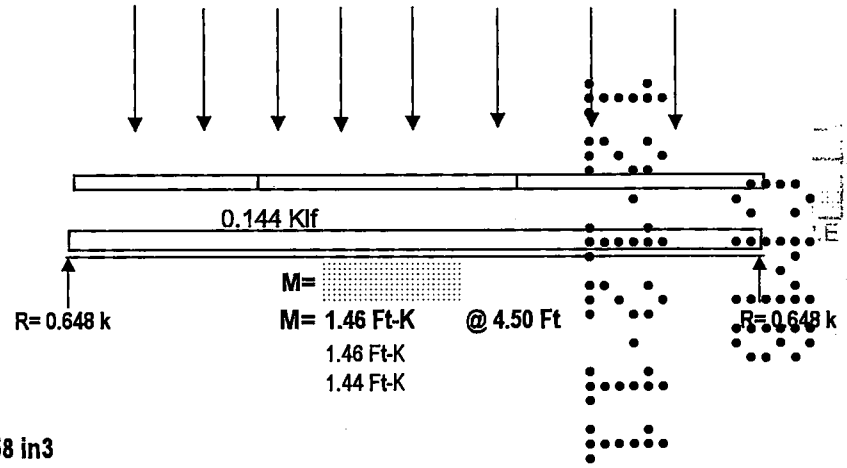
\\Secondchance\SharedDocs\Soho Beach\[steelbeam.xls]SECTION — Programmed by: Fuat Ornarli,P.E.

BEAM HSS 6X4 x 3/16

Beam Data Material: 46 Ksi
Span length: 9.00 Ft
Section: Compact

	Distances from left Start	End	Total	Appl. Point	Moment
Uniform Load: 0.144 Klf		9.0 Ft			
Partial uniform Load					
Partial uniform Load					
Partial uniform Load		9.0 Ft			

Point Load	P(K)	x(Ft) from left	Dist to mid span	Dist to point of inflection
P1				
P2				
P3				
P4				
P5				
P6				
P7				
P8				
P9				
P10				



RESULT

M= 1.46 Ft-K x 12.00 = 17.5 in-K

$S_{req'd}$ = M_{max}/F_b = 17.5 / 30.36 = **0.58 in3**

Section Properties of Laterally Supported Beam

TYPE: HSS

SIZE: HSS6X4X3/16

WEIGHT	12.0 Lbs/ft			
AREA	3.28 in2			
DEPTH	6.00 in			
WIDTH	4.000 in			
t web				
t flange				
t	0.188 in			
Ix	16.40 in4			
Sx	5.46 in3	>	0.58 in3	OK
r x	2.23 in			
Iy	8.76 in4			
Sy	4.38 in3			
ry	1.63 in			

Deflection Check: As per FBC '02 L/360

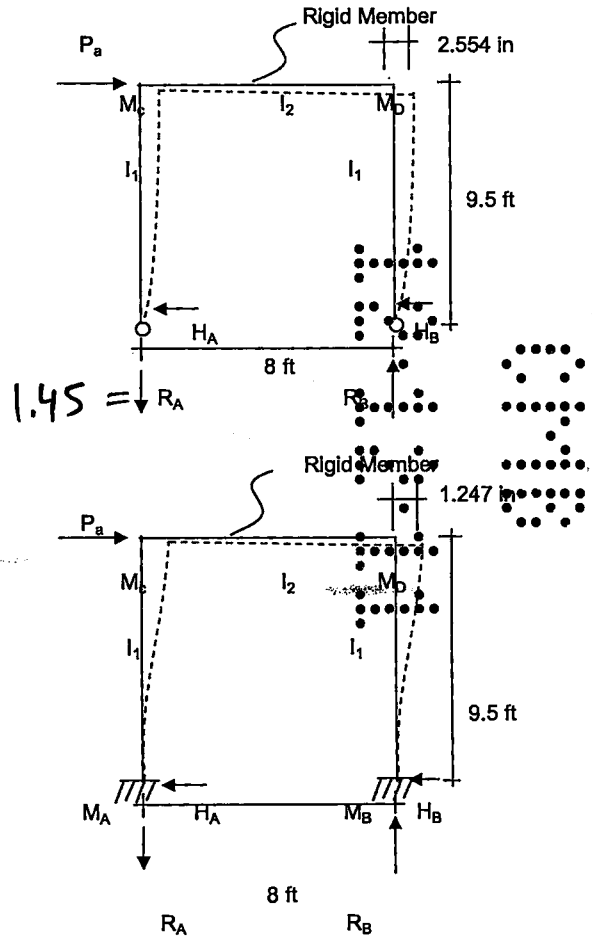
$\Delta = 5/48 * M * L^2 / E * I$ = 0.04 in < 0.30 in OK

Vibration Check:

$f = 3.5\sqrt{1/\Delta}$ = 3.5 $\sqrt{22.37}$ = 16.56 OK >5

CANKAT ESSMAN	PROJECT: SOHO BEACH HOUSE		Page: 8
1900 SW 57th Ave. No: 1	CLIENT:		
Miami, 33155	SUBJECT:	JOB NO:	Designed: FO
(305)266-9777	Frame 1	TITLE:	Checked: MC

Lateral Force, P:	1.2 K	
Wall length,L:	8.25 Ft ✓	
Wall height,h:	9.5 Ft	
Flexural mod. of Elasticity,E:	29000 Ksi	
I_2 horiz..	12 in^4	$k=I_2\ h\ /\ I_1\ L$
I_1 Vert.	2 in^4	k= 6.909



PIN SUPPORTS

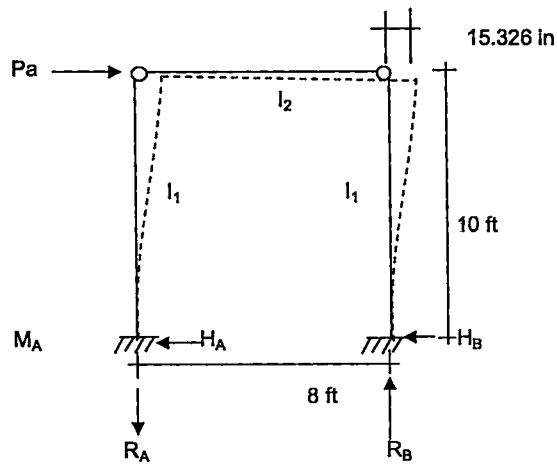
H_A =	0.6 K ✓
H_B =	0.6 K
M_C =	-5.7 K-Ft ✓
M_D =	-5.7 K-Ft
$\Delta = M_C * L2 / 6EI$ =	2.554 in

FIXED SUPPORTS

H_A =	0.6 K
H_B =	0.6 K
$R_A = -R_B = -3PH/L * k/(6k+1)$ =	-0.67 K ✓
$M_A = -M_B = -PH/2 * [(3K+1)/(6K+1)]$ =	2.92 K-Ft
$M_C = H*h - M_A$ =	2.78 K-Ft
$M_D = -H*h + M_B$ =	-2.78 K-Ft
$\Delta = M_C * L2 / 6EI$ =	1.247 in

FIXED SUPPORTS AND PINNED AT TOP

H_A =	0.6 K
H_B =	0.6 K
$R_A = -R_B = PH/L$ =	0.0 K
$M_A = H*h$ =	5.70 K-Ft
$M_B = H*h$ =	5.70 K-Ft
$\Delta = P*L^3 / EI$ =	15.326 in



CANKAT ESSMAN 1900 SW 57th Ave. No:1 miAMI, fl 33155 (305)266-9777	STEEL BEAM DESIGN SOHO BEACH HOUSE 18' LONG TUBULAR BEAM	Page 9 of Project No: 11/1/04 Design: F.O Date: 09/02/10 Checked: MC Date:

\\Secondchance\SharedDocs\Soho Beach\[steelbeam.xls]SECTION — Programmed by: Fuat Omarli,P.E.

HSS 6x4 x3/16

SINGLE SPAN W/LONG SPAN CONDITION

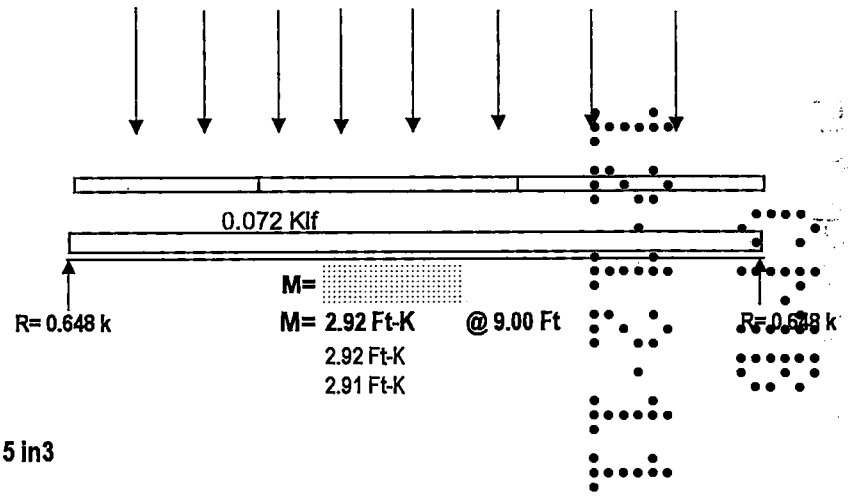
Beam Data: Material 46 Ksi

Span length: 18.00 Ft

Section: Compact

	Distances from left				
	Start	End	Total	Appl. Point	Moment
Uniform Load:	0.072 Klf	18.0 Ft			
Partial uniform Load					
Partial uniform Load					
Partial uniform Load		18.0 Ft			

Point Load	P(K)	x(Ft) from left	Dist to mid span	Dist to point of inflection
P1				
P2				
P3				
P4				
P5				
P6				
P7				
P8				
P9				
P10				



RESULT

M= 2.92 Ft-K x 12.00 = 35.0 in-K

$S_{req'd}$ = M_{max}/F_b = 35.0 / 30.36 = **1.15 in3**

Section Properties of Laterally Supported Beam

TYPE: HSS

SIZE: HSS6X4X3/16

WEIGHT	12.0 Lbs/ft			
AREA	3.28 in2			
DEPTH	6.00 in			
WIDTH	4.000 in			
t web				
t flange				
t	0.188 in			
Ix	16.40 in4			
Sx	5.46 in3	>	1.15 in3	OK
r x	2.23 in			
Iy	8.76 in4			
Sy	4.38 in3			
ry	1.63 in			

Deflection Check: As per FBC '02 L/360

$\Delta = 5/48 * M * L^2 / E * I$ = 0.36 in < 0.60 in OK

Vibration Check:

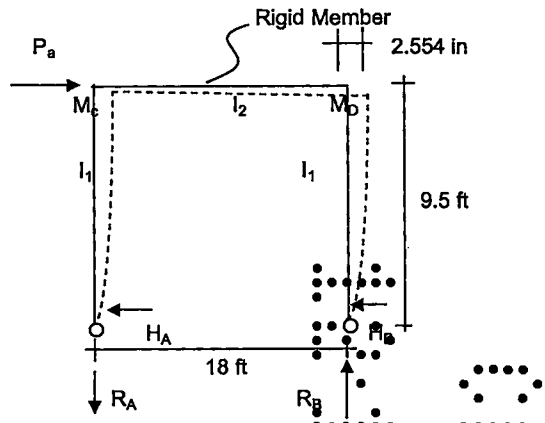
$f = 3.5\sqrt{1/\Delta}$ = 3.5 $\sqrt{2.80}$ = 5.85 OK >5

CANKAT ESSMAN	PROJECT: SOHO BEACH HOUSE		Page: 10
1900 SW 57th Ave. No: 1	CLIENT:		
Miami, 33155	SUBJECT:	JOB NO:	Designed: FO
(305)266-9777	Frame 2	TITLE:	Checked: MC

Lateral Force, P:	1.2 K	
Wall length,L:	18 Ft	✓
Wall height,h:	9.5 Ft	
Flexural mod. of Elasticity,E:	29000 Ksi	
I_2 horiz.	12 in^4	$k=I_2\ h\ /\ I_1\ L$
I_1 Vert.	2 in^4	k= 3.167

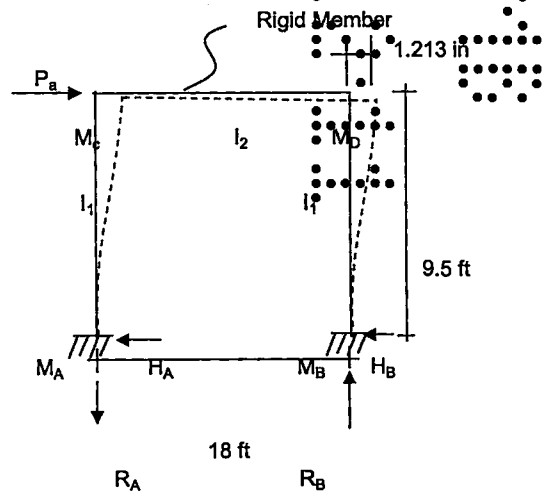
PIN SUPPORTS

H_A =	0.6 K	✓
H_B=	0.6 K	
M_C=	-5.7 K-Ft	✓
M_D=	-5.7 K-Ft	
$\Delta= M_C\ *L2/\ 6EI$ =	2.554 in	



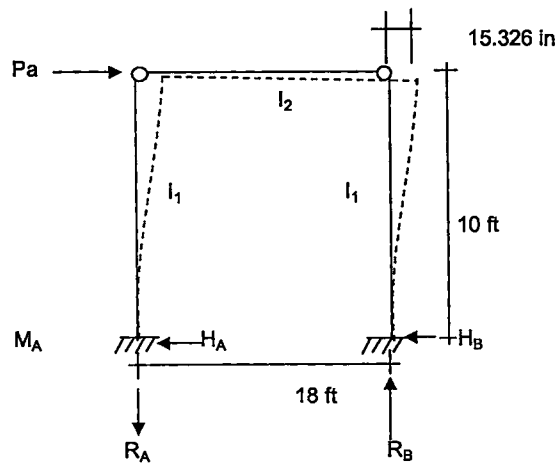
FIXED SUPPORTS

H_A =	0.6 K	
H_B=	0.6 K	
$R_A= -R_B= -3PH/L\ *\ k/(6k+1)$=	-0.30 K	✓
$M_A= -M_B=-PH/2\ *[(3K+1)/(6K+1)]$=	2.99 K-Ft	
$M_C=H*h-M_A$=	2.71 K-Ft	
$M_D=-H*h+M_B$=	-2.71 K-Ft	
$\Delta= M_C\ *L2/\ 6EI$ =	1.213 in	



FIXED SUPPORTS AND PINNED AT TOP

H_A =	0.6 K
H_B=	0.6 K
$R_A= -R_B= PH/L$ =	0.0 K
$M_A=H*h$=	5.70 K-Ft
$M_B=H*h$=	5.70 K-Ft
$\Delta= P*L^3/\ EI$ =	15.326 in



q_{wind} = 60 psf (for rafter), 40 psf (for frame)

$q_{rafter} = 60 \times 0.25 = 15$ plf

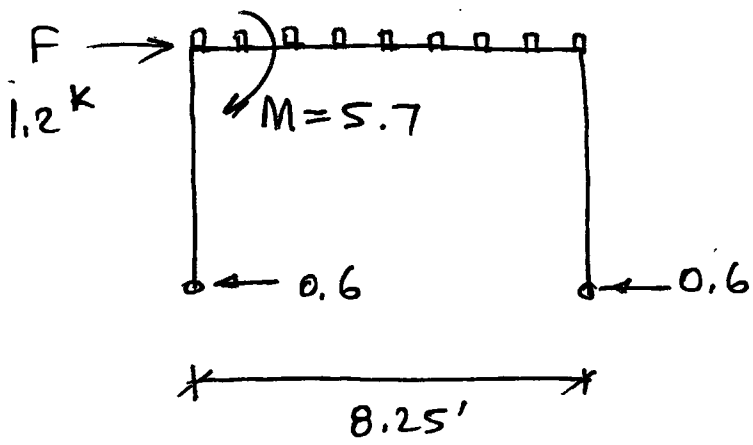
Trib. width = 8'

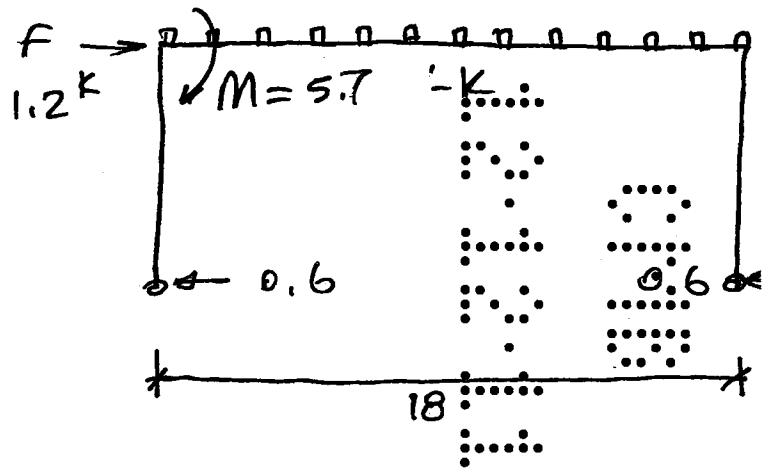
$F = 0.015 \times 8 \times 10$ pcs = 1.2

$q_{frame} = 40 \times 0.5 = 20$ plf

Trib width = 4'

$F = 0.015 \times 4 \times 20$ pcs = 1.2





	0.65 ↓		↓ 0.65	0.65 ↓		0.65 ↓
	1.45 ↑	FRAME-1	↓ 1.45	0.56 ↑	FRAME-2	0.56 ↓
Total	↑ 0.8 (Up)		↓ 2.05 (down)	0.09 ↓ (down)		1.21 ↓ (down)

USE FOR EXP. BOLT DESIGN

4"x4" PT. WOOD RAFTERS @ 12" o/c

SOUTHERN PINE #2 OR BETTER

$L_{max} = 11'-3"$

$A = 12.25$ sq in

$S_{x-x} = 7.146$ in^3

$I_{x-x} = 12.51$ in^4

* $F_b = 1{,}500$ psi $F_t = 825$ psi $F_v = 175$ psi $F_{c\perp} = 565$ psi $E = 1.6 \times 10^6$ psi

* OR FOR 4" WIDE CONSTRUCTION GRADE $F_b = 1{,}100$ psi

$W_D = 60$ psf (CONSERVATIVE)

@ EA. RAFTER $W_D = 60 \times 3.5/12 = 17.5$ plf.

$M_D = 17.5 \times 11.25^2/8$

$M_D = 277$ ft-lb.

$f_{bx} = \frac{277 \times 12}{7.14} = 465$ psi $<$ 1,100 psi O.K

$V = 17.5 \times 11.25/2$

$V = 66$ lbs. ↑

$v = \frac{4}{3}\frac{66}{3.5 \times 3.5} = 7$ psi $\ll 175$ psi

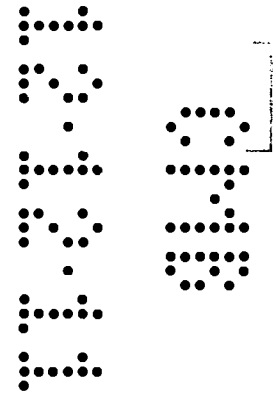
MAX. CANTILEVER END $L = 2'-7"$

CHECK

$M_{CANT} = 17.5 \times 2.58^2/2$

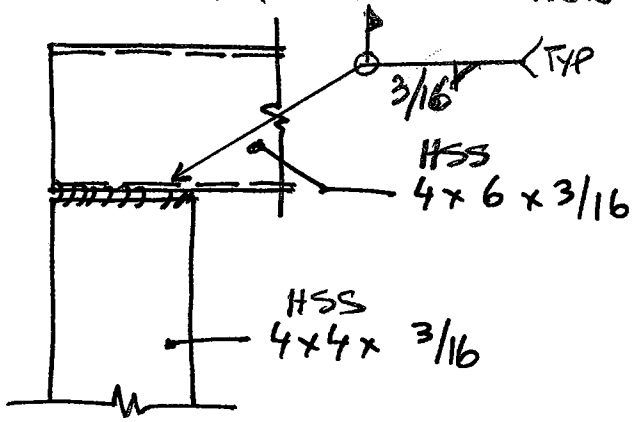
$M_{CANT} = 58$ ft-lb $<$ 277 ft-lb DO NOT GOVERN

NOTE : NO ADJUSTMENT FACTORS ARE USED SINCE STRESSES ARE VERY LOW ... OK ✓



CONNECTIONS

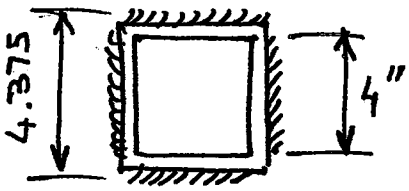
MOMENT CONNECTION @ TOP OF POST W/ BEAM.



$M = 5.7$ '-k

$S = 4.209$ in^3 (*)

$$f_w = \frac{5.7 \times 12}{4.209} = 16.25$$



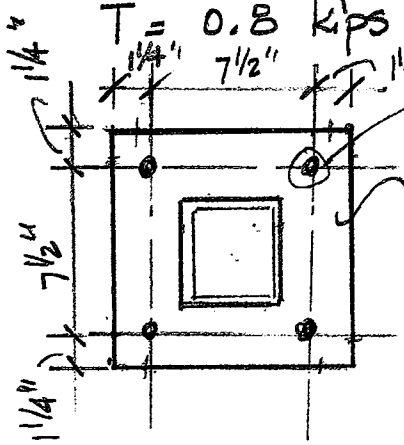
$F_{w\,allow} = 21$ ksi $> f_w$

$F_{W\,ALLOW} = 0.3 \times 70$ ksi $= 21$ ksi

BASE CONNECTION W/ EXPANSION BOLTS

FROM PAGE 11 MAXIMUM REACTIONS @ BASE

$V = 0.6$ kips
$T = 0.8$ kips



TOTAL (4) 5/8" HILTI-KWIK BOLT 3 W/ 4" EMBEDMENT

5/8 x 10" x 10" BASE PL.

4 BOLTED COLUMN BASE

$V' = 0.6/4 = 0.15$ kips/BOLT

$T = 0.8/4 = 0.20$ kips/BOLT

CONT'D ON PAGE 16

*) See NEXT PAGE FOR WELD SECTION MODULUS, (PAGE -15)

CANKAT ESSMAN 1900 SW 57th Ave. Miami, FL 33155 Tel: (305) 266-9777	Project: SOHO BEACH HOUSE	Engineer: FO Date: 2-Sep	Page: 15
	Subject: 4X4 POST WELD	Checker: MC Date: 2-Sep	Project #

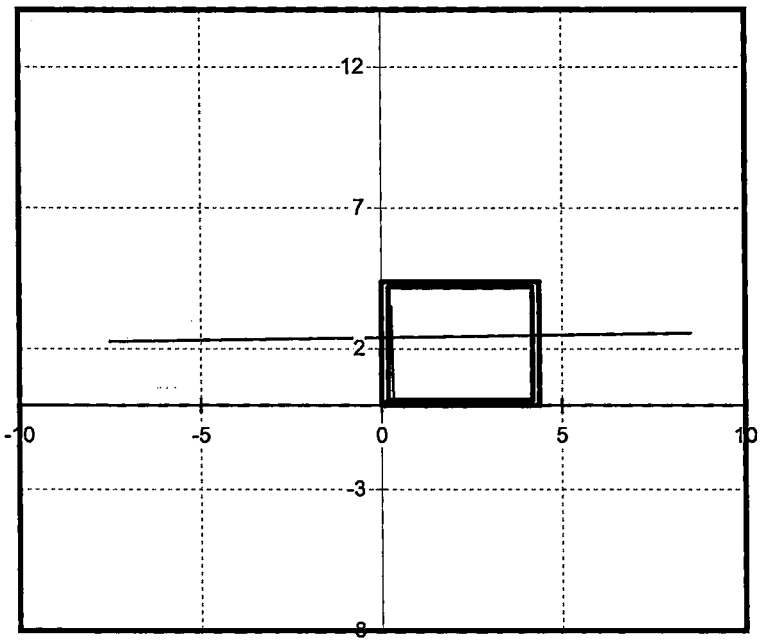
PROPERTIES OF SECTION DESCRIBED BY NODES COORDINATES

Units: in

Nodes Coordinates		
	X	Y
1		
2		4.375
3	4.375	4.375
4	4.375	
5		
6	0.188	0.188
7	4.188	0.188
8	4.188	4.188
9	0.188	4.188
10	0.188	0.188
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		

Section Properties About Centroidal Axis Parallel to Original Axis			
ϕ =	45.00000 deg	X-dim =	4.3750 in
A =	3.14063 in^2	Y-dim =	4.3750 in
Xcg =	2.18495 in	Sx(top) =	4.1994 in^3
Ycg =	2.18495 in	Sx(bot) =	4.2092 in^3
Ixo =	9.19694 in^4	Sy(left) =	4.2092 in^3
Iyo =	9.19694 in^4	Sy(right)=	4.1994 in^3
Ixyo =	-0.00002 in^4		

Section Properties About Principal Axis			
ϕ =	45.00000 deg	Sxp(top) =	2.9729 in^3
Ixp =	9.19696 in^4	Sxp(bot) =	2.9729 in^3
Iyp =	9.19691 in^4	Syp(left) =	2.9764 in^3
Ixyp =	0.00000 in^4	Syp(right)=	2.9694 in^3
J =	18.39387 in^4		



MIN. EDGE DIST { FOR TENSION $\Rightarrow$ $1.75 \times 4 = 7''$
FOR SHEAR $\Rightarrow$ $3 \times 4 = 12''$
BOLT SPACING (T & V) $\Rightarrow$ $3 \times 4 = 12''$

ALL COLUMNS WITH THE EXCEPTION OF COLUMNS NEXT TO TRENCH HAVE MORE THAN 12" EDGE DISTANCE.

CHECK COLUMN BASE NEXT TO TRENCH.
EDGE DISTANCE = 5" (WORST CONDITION)
& $h_{nominal}$ = 4" (EMBEDMENT)

ADJUSTMENT FACTORS
TENSION / SHEAR (Spacing) $7\frac{1}{2}$ $\Rightarrow$ $f =$ ~~0.96~~

TENSION (Edge Distance) = 5" $\Rightarrow$ $f_{RN} = 0.9$

SHEAR (Edge Distance) = 5" $\Rightarrow$ $f_{RV} = 0.61$

TENSION CAP / PER BOLT (CONCRETE $f'_c = 3000$ psi)

$T = 2.87 \times 0.96 \times 0.9$
$T = 2.47 > 0.2$ kips ok.

SHEAR CAP / PER BOLT

$V = 4.89 \times 0.80 \times 0.96 \times 0.61$
20% REDUCTION

$V = 2.29$ kips > 0.15 kips ok.

COMBINED TENSION & SHEAR

$(0.2/2.47) + (0.15/2.29) = 0.14 \ll 1.0$ ok.

WOOD RAFTER TO STEEL TUBE CONNECTION
PULL OUT @ END CONNECTION (FROM PAGE 12) 66 lbs $\ll (0.25 \times 4297^{*})$
$= 1074$ lbs.
* SEE APPENDIX ITW BUILDEX 1/4-20 x 3 SELF DRILLING SCREWS

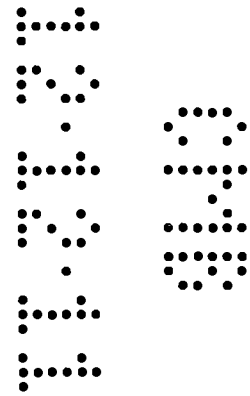
ALL OTHER CONNECTION, REACTIONS ARE LOW & BY INSPECTION. OK.

MIAMI, FL 33155
T:305.266.9777 F:305.266.0584

PROJECT: **SOHO BEACH HOUSE Courtyard Pergola**
CLIENT:
ARCHITECT: **ALLAN T. SHULMAN ARCHITECTS, P.A.**

JOB NO:

Page:
Calc'd: FO
Checked FO
Date: 9/2/10



APPENDIX

B10002 PAGE - 18

MIAMI-DADE

BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Hilti, Inc.
5400 S. 122nd East Avenue
Tulsa OK 74146

SCOPE:
This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (In areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined that this product or material fails to meet the requirements of the applicable building code, Rules, and Regulations.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.
DESCRIPTION: Kwik Bolt 3 Concrete Expansion Anchor.
APPROVAL DOCUMENT: Drawing No. **543-003-C**, Sheets 1 of 1, titled "Hilti Kwik Bolt 3 Mechanical Expansion Anchor for Concrete and Masonry Elements" dated 11/12/98 with last revision on 10/31/06, prepared by T. E. Lunn PE Engineering, signed and sealed by T. E. Lunn PE, bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance (NOA) number and approval date by the Miami-Dade County Product Control Division.
MISSILE IMPACT RATING: None

LABELING: Each unit or box shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved or MDCPCA", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.
This NOA consist of this page 1, evidence page as well as approval document mentioned above.
The submitted documentation was reviewed by **Candido F. Font, P.E.**

PRODUCT CONTROL ACCEPTED

12/28/06

NOA No 06-0810.13
Expiration Date: December 28, 2011
Approval Date: December 28, 2006

Hilti, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A DRAWINGS:

1. Drawings prepared by T.E. Lunn PE Engineering, titled "Hilti Kwik Bolt 3 Mechanical Expansion Anchor for Concrete and Masonry Elements"; Drawing No. 543-003-C, dated 11/12/98 with last revision on 10/31/06, sheet 1 of 1, signed and sealed by T.E. Lunn PE.

B TEST:

	Laboratory No.	Test Report.	Date.	Signature
1.	CEL 51792C	ASTM E488	05/22/06	L.W. Mattis PE.
2.	STTS 99-0513.01	ASTM G85 Annex 5	08/25/05	M. Mosbat PE.

C CALCULATIONS:

N/A

D QUALITY ASSURANCE.

1. Building Code Compliance Office.

E MATERIAL CERTIFICATIONS:

N/A

F STATEMENTS:

1. No interest letter issued by T.E. Lunn on 07/20/06, signed and sealed by T.E. Lunn, PE.
2. Code compliance letter issued by T.E. Lunn on 07/20/06 signed and sealed by T. E. Lunn, PE.

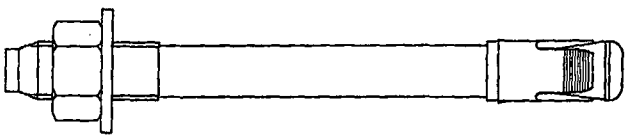
12/28/06

Candido F. Font, P.E.
Senior Product Control Examiner
NOA No 06-0810.13
Expiration Date: December 28, 2011
Approval Date: December 28, 2006

PAGE - 20

CMU

DESCRIPTION:
HILTI Kwik Bolt 3 is a stud type expansion anchor with a single piece wedge which expands in concrete and CMU when torque is applied. they are supplied with a nut and washer.



Anchor Diameter (in.)	Fracture Load (lb)
1/4	2,900
3/8	7,200
1/2	12,400
5/8	19,600
3/4	28,700

MATERIAL CHARACTERISTICS:
1" carbon steel studs, conform to AISI 11L41.
Nuts are carbon steel conforming to ASTM A563 Grade A and meet dimensional requirements of ANSI B18.2.2.
Washers are made from carbon steel conforming to ASTM F844 and meet dimensional requirements of ANSI 18.22.1 Type A plain.
All 3/8", 1/2", 5/8", and 3/4" wedges are made from carbon steel.
All 1/4" and 1" wedges are made from stainless steel.

DESIGN VALUES:

Dia. (in.)	Min. Embed. (in.)	3000 psi		CMU Grouted	
		Tension	Shear	Tension	Shear
1/4	2	623	458	–	–
3/8	2-1/2	1355	1460 [6]	780	1155
1/2	3-1/2	2185	2343 [7]	905	1723
5/8	4	2870	4885 [8]	1295	1723
3/4	4-3/4	3635	6173	–	–
1	6	4808	9200	–	–

GENERAL NOTES:
1) Design values in pounds are equal to ultimate load divided by 4.
2) Edge distance shall be 1.75 times the minimum embedment for tension and 3 times the minimum embedment for shear. Anchor center to center distance shall be 3 times the minimum embedment.
3) Anchor installation shall be made in accordance with Hilti's published installation instructions in the Product Technical Guide. Limit one anchor per cell.
4) Anchor installation in grouted concrete masonry units require a minimum 12" distance and 8" spacing. Limit one anchor per cell.
Avoid installation within 1-3/8" of any vertical mortar joint. See Figure 1.
5) Values shown are for shear plane through the anchor body.
6) When the shear plane is acting through the anchor threads, reduce the shear by 10%.
7) When the shear plane is acting through the anchor threads, reduce the shear by 6%
8) When the shear plane is acting through the anchor threads, reduce the shear by 20%.

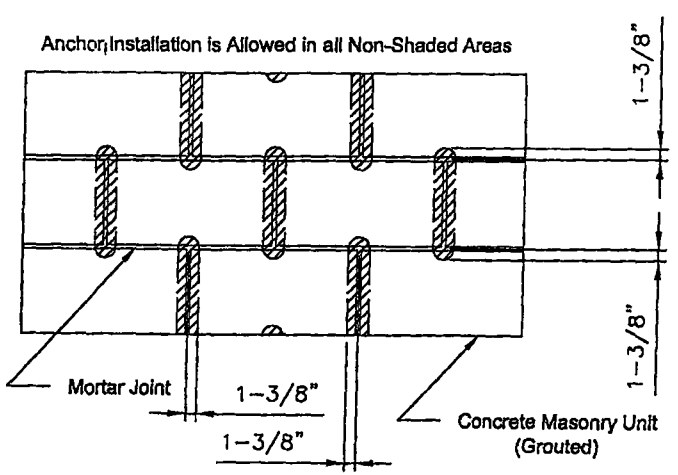


FIG. 1

T.E. LUNN, PE ENGINEERING
23 THURSTON DR.
PALM BEACH GARDENS, FL. 33418
OFC: (561 625-6455
FAX: (561)625-6883
EMAIL: telunn@gte.net
FLORIDA REG. # 26119

11.6.06

HILTI, INC.
5400 S 122nd E Ave
Tulsa, OK 74146

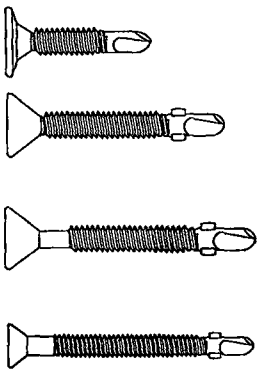
HILTI KWIK BOLT 3
MECHANICAL
EXPANSION ANCHOR
FOR CONCRETE
AND MANSONRY
ELEMENTS

REVISION DATE: 31-10-06
DATE: 11-12-98
DRAWING: 543-003-C
SCALE: 1" = 1"
SHEET NO. 1 OF 1

FOR OFFICE USE
Approved as complying with the Florida Building Code
Date 12/28/06
NOA# 06-0810.13
Miami-Dade Product Control Division
By

TEKS® SELF-DRILLING FASTENERS

Selector Guide



Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Wood Attachment Range	Applications
1077000	10-24 x 3/4"	Wafer	#3	.036-.175	1/4"-3/8"	• Plywood, mansard, fascia roofing, flooring to steel framing.
1079000	10-24 x 1"	Wafer	#3	.036-.175	1/4"-1/2"	
1082000	10-24 x 1-7/16"	PFH w/w*	#3	.060-.175	1/4"-3/4"	
1087000	10-16 x 1-13/16"	PFH	#3	.036-.175	1/4"-3/4"	
1092000	12-24 x 2-1/4"	PFH w/w*	#4	.125-.250	3/4"-1-3/8"	• Plywood, 2 X 4's header to steel framing.
1094000	12-24 x 2-3/4"	PFH w/w*	#4	.125-.250	3/4"-1-5/8"	
1096000	1/4-20 x 3"	PFH w/w* *w/w with wings	#4	.125-.250	3/4"-2"	• 2 X 4's to steel framing.

Performance Data

PULLOUT VALUES (average lbs. ultimate)

Fastener		Steel Gauge									
Dia.	Pt.	26	24	22	20	18	16	14	12	3/16	1/4
#10	3				299	499	708	967	1474		
#12	4.5						683	923	1508	3865	4101
1/4	4						788	1116	1803	4297	

FASTENER VALUES

Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
10-16 T/3	1936	1400	61
10-24 T/3	2702	1500	65
12-24 T/4	3165	2200	150
1/4-20	3860	2700	168

SHEET STEEL GAUGES

Gauge No.	12	14	16	18	20	22	24	2
Decimal Equivalent	.105"	.075"	.060"	.048"	.036"	.030"	.024"	.0

SHEAR VALUES (average lbs. ultimate)

Fastener		Steel Gauge (lapped)						
Dia.	Pt.	20	18	16	14	12	10	1/4
#10	3	728	1266	1580	1822			
#12	4.5					2641	2887	2897
1/4	4					2650	2820	

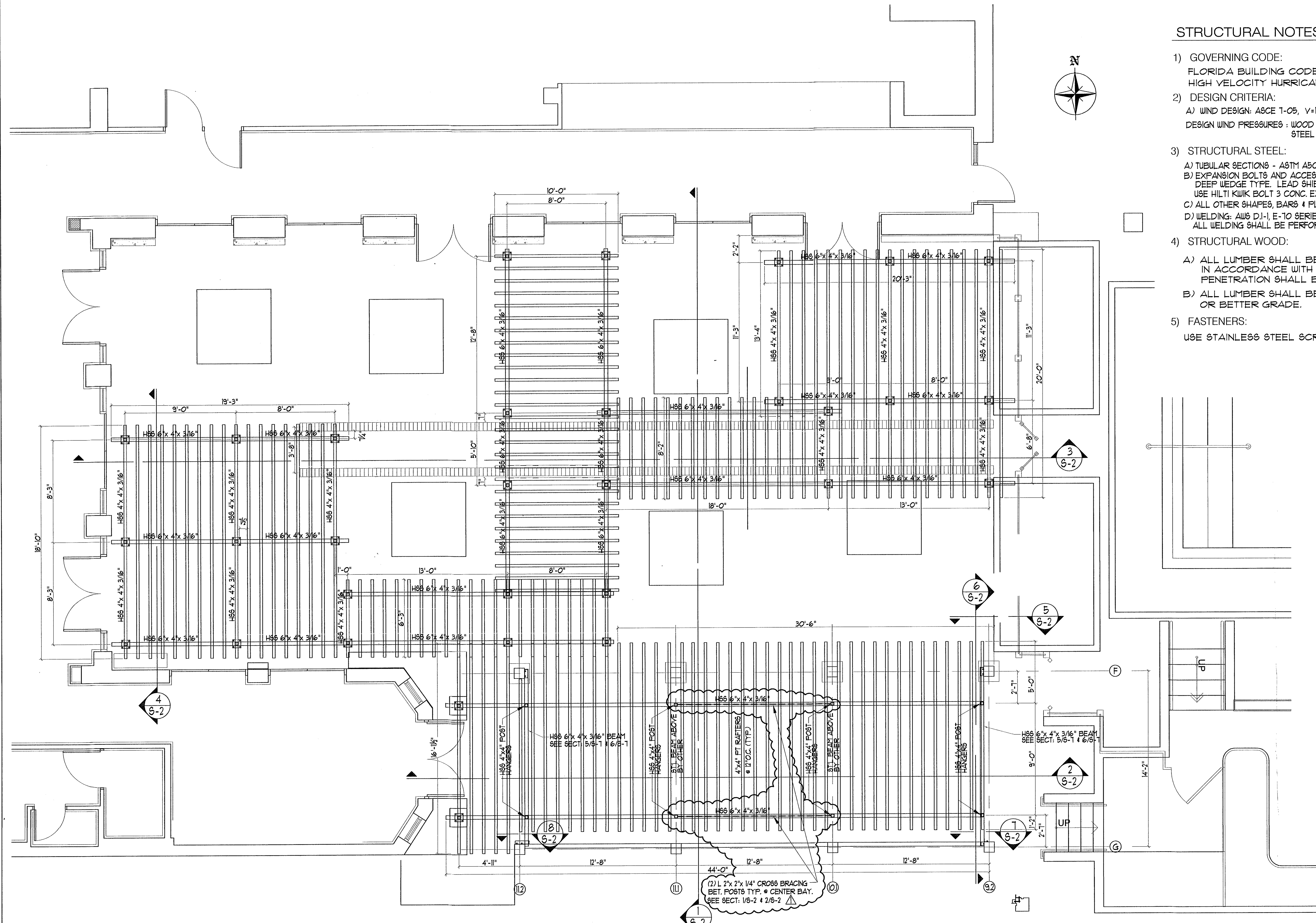
The values listed are ultimate averages achieved under laboratory conditions and app Buildex manufactured fasteners only. Appropriate safety factors should be applied to t values for design purposes.

Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install Teks. For optimal fastener performance, the screwgun should be a minimum of 4 amps and have a RPM range of 0-2000.
- Adjust the screwgun nosepiece to properly seat the fastener.
- Worn or damaged bit tip should be replaced.
- The fastener is fully seated when the head is flush with the work surface.
- Overdriving may result in torsional failure of the faster or stripout of the substrate.
- The fastener must penetrate beyond the metal structu minimum of 3 pitches of thread.
- All #10 diameter "Winged" parts must be driven into a minimum of 16 GA steel thickness; all 1/4 and #12 diameter "Winged" parts must be driven into a minimu of 1/8" steel in order to break the wings consistently.

ITW Buildex

BUILDING IDEAS THAT WORK ™
1349 West Bryn Mawr Avenue
Itasca, Illinois 60143
630/595-3500 FAX: 630/595-3549



PLAN OF PERGOLA AT GROUND FLOOR
SC: 1/4" = 1'-0"

STRUCTURAL NOTES

1) GOVERNING CODE:

FLORIDA BUILDING CODE 2007 WITH 2009 AMENDMENTS / HIGH VELOCITY HURRICANE ZONE SECTIONS.

2) DESIGN CRITERIA:

A) WIND DESIGN: ASCE 7-05, V=146 MPH, EXP: C

DESIGN WIND PRESSURES :			
WOOD RAFTERS	ZONE (2) & ZONE (3)	+60 PSF	(-) 57 PSF
STEEL BEAMS	ZONE (2) & ZONE (3)	+40 PSF	(-) 37 PSF

3) STRUCTURAL STEEL:

A) TUBULAR SECTIONS - ASTM A500 (GRADE B)
B) EXPANSION BOLTS AND ACCESSORIES SHALL BE GALVANIZED STEEL DEEP WEDGE TYPE. LEAD SHIELDS ARE NOT ACCEPTABLE. USE HILTI KWIK BOLT 3 CONC. EXPANSION ANCHORS OR APPROVED EQUAL.
C) ALL OTHER SHAPES, BARS & PLATES - ASTM A 36
D) WELDING: AWS D.1-1, E-70 SERIES ELECTRODES ALL WELDING SHALL BE PERFORMED BY AWS CERTIFIED WELDERS

4) STRUCTURAL WOOD:

A) ALL LUMBER SHALL BE SOUTHERN PINE PRESSURE TREATED IN ACCORDANCE WITH THE REQUIREMENTS OF AWPA STANDARD C-1. PENETRATION SHALL BE TO 85% OF SAPWOOD.
B) ALL LUMBER SHALL BE No 2 COMMON GRADE SOUTHERN PINE OR BETTER GRADE.

5) FASTENERS:

USE STAINLESS STEEL SCREWS UNLESS OTHERWISE NOTED ON SECTIONS.

NOTICE: In addition to the requirement of this permit there may be additional restrictions applicable to this property that may be found in the Public Records of this County and there may be additional permits required from other government entities such as water management districts, state agencies, or federal agencies.
The City of Miami Beach assumes no responsibility for accuracy of or results from these plans which are approved subject to compliance with all Federal, State, and Local Laws, Rules, and Regulations.

PUBLIC WORKS
PLAN REVIEW NOTICE
Phone 305-673-7080 Fax 305-673-7028

THIS PLAN REVIEW CONSTITUTES APPROVAL FOR OBTAINING BUILDING PERMITS ONLY.

All construction and/or use of equipment in the right-of-way and/or easements, requires a separate Public Works Department permit prior to start of construction.

Permit Requirements: Proof of existing sidewalk/swale area conditions (pictures) and/or posting of sidewalk/roadway bonds
(Public Works Inspection of the right-of-way will be required prior to final sign-off on the C.C. / C.O., or the release of bonds.)

Approved/Reviewed By: [signature] Date: 1.15.11

OFFICE COPY
CITY OF MIAMI BEACH
APPROVED FOR PERMIT BY
THE FOLLOWING:

BUILDING:	[signature] 12/6/11
ZONING:	[signature] 12/6/11
DRB/HPB:	
CONCURRENCY:	
PLUMBING:	
ELECTRICAL:	
MECHANICAL:	
FIRE PREVENTION:	[signature] 12/12/11
ENGINEERING:	
PUBLIC WORKS:	[signature] 11.15.11
STRUCTURAL:	[signature] 12/6/11
ELEVATOR:	

REVISIONS	BY
1 CROSS BRACING ADDED BLDG DEPT COMMENTS	JMF 10/18/2010

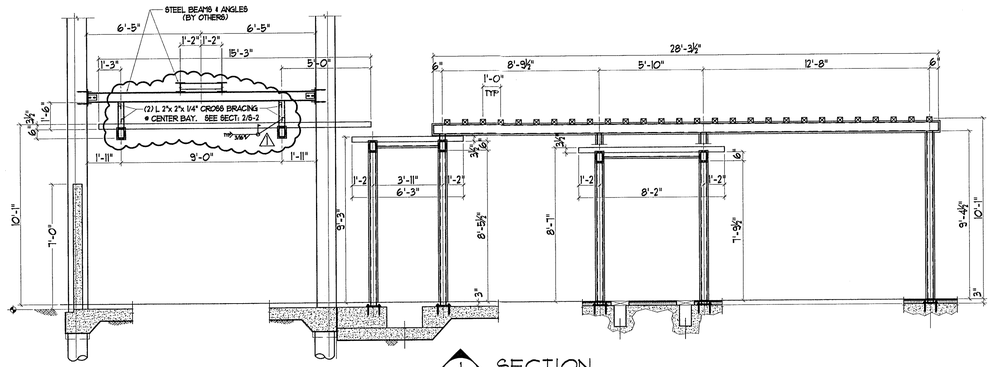
COURT YARD & LONG BAR PERGOLA
SOHO BEACH HOUSE
4385 COLLINS AVENUE, MIAMI BEACH, FL, 33140

PLAN VIEW & GENERAL NOTES

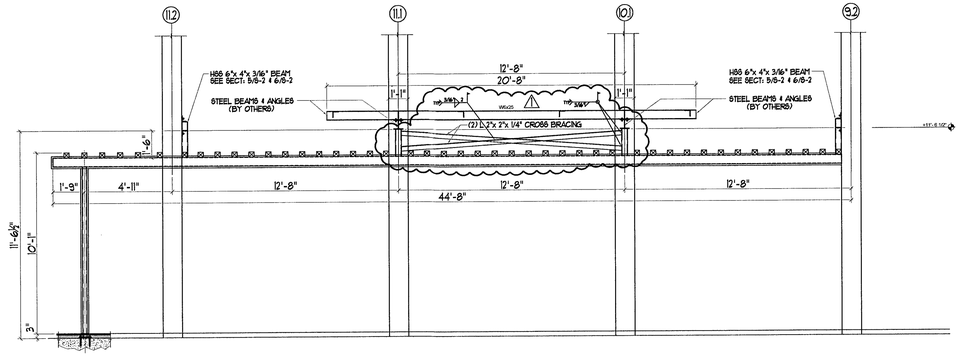
Seal: [seal, signature] 10/27/2010

cankat-essman, inc.
consulting engineers
STATE OF FLORIDA CA No: 00004419
1900 S.W. 57th AVE. SUITE 1, MIAMI, FL 33155
PHONE:(305) 266-9777 FAX:(305) 266-0584
LAWRENCE J. ESSMAN, P.E. FL. REG. NO. 6878
MUSTAFA CANKAT, P.E. FL. REG. NO. 18632

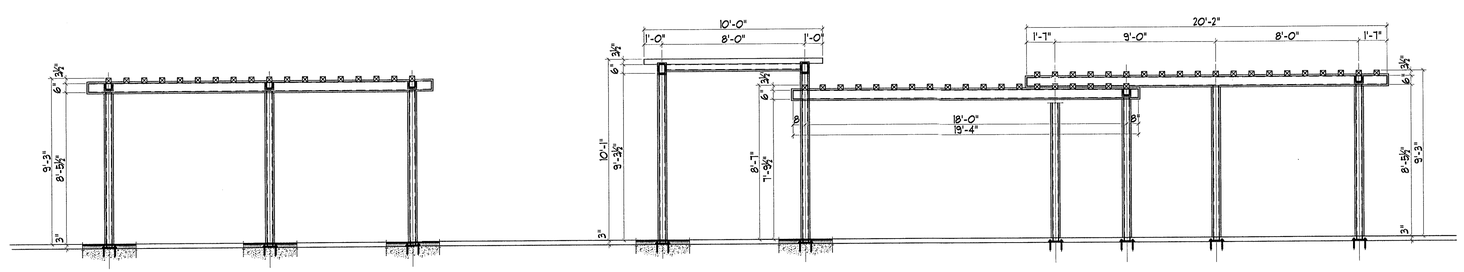
Date: SEPT 21, 2010
Scale: AS NOTED
Drawn: J.M.F.
Job: 10017
Dwg # S-1
Sheet 1 of 2



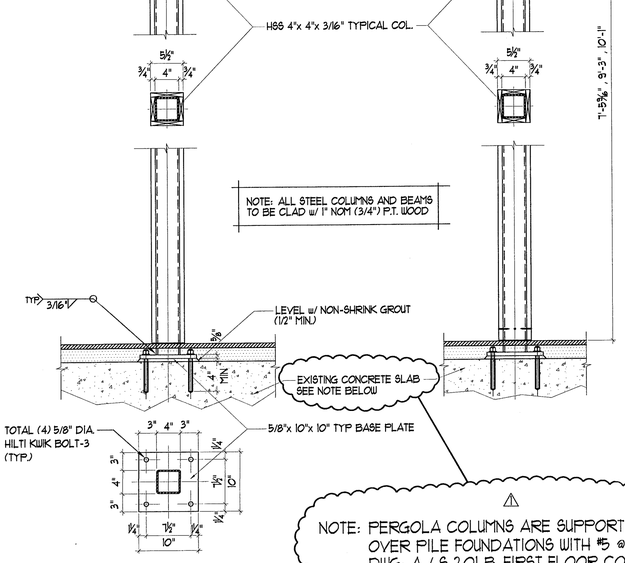
1 SECTION S-2 SC: 1/4" = 1'-0"



2 SECTION S-2 SC: 1/4" = 1'-0"



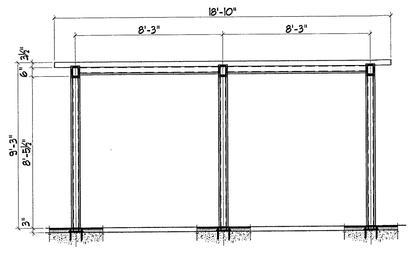
3 SECTION S-2 SC: 1/4" = 1'-0"



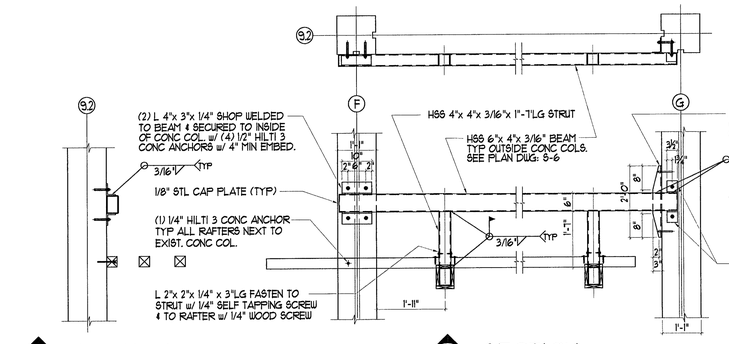
NOTE: PERGOLA COLUMNS ARE SUPPORTED ON EXISTING 8" CONCRETE STRUCTURAL SLAB OVER PILE FOUNDATIONS WITH #5 @ 12 CONT. EA. WAY BOT. & #5 @ 12 TOP AS SHOWN ON DWG: A / S 2.01 B, FIRST FLOOR COURTYARD FRAMING PLAN (ORIGINAL BLDG. PLANS)

PERGOLA TYPICAL CONSTRUCTION

SC: 1" = 1'-0"



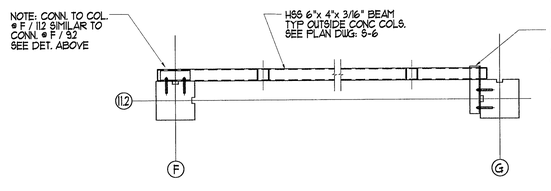
4 SECTION S-2 SC: 1/4" = 1'-0"



5 SECTION S-2 SC: 1/2" = 1'-0"

6 SECTION S-2 SC: 1/2" = 1'-0"

7 SECTION S-2 SC: 1/2" = 1'-0"



8 SECTION S-2 SC: 1/2" = 1'-0"

REVISIONS	BY
1 CROSS BRACING ADDED	J.M.F.
2 BLDG DEPT COMMENTS 10/26/10	

COURT YARD & LONG BAR PERGOLA

SOHO BEACH HOUSE

4385 COLLINS AVENUE, MIAMI BEACH, FL, 33140

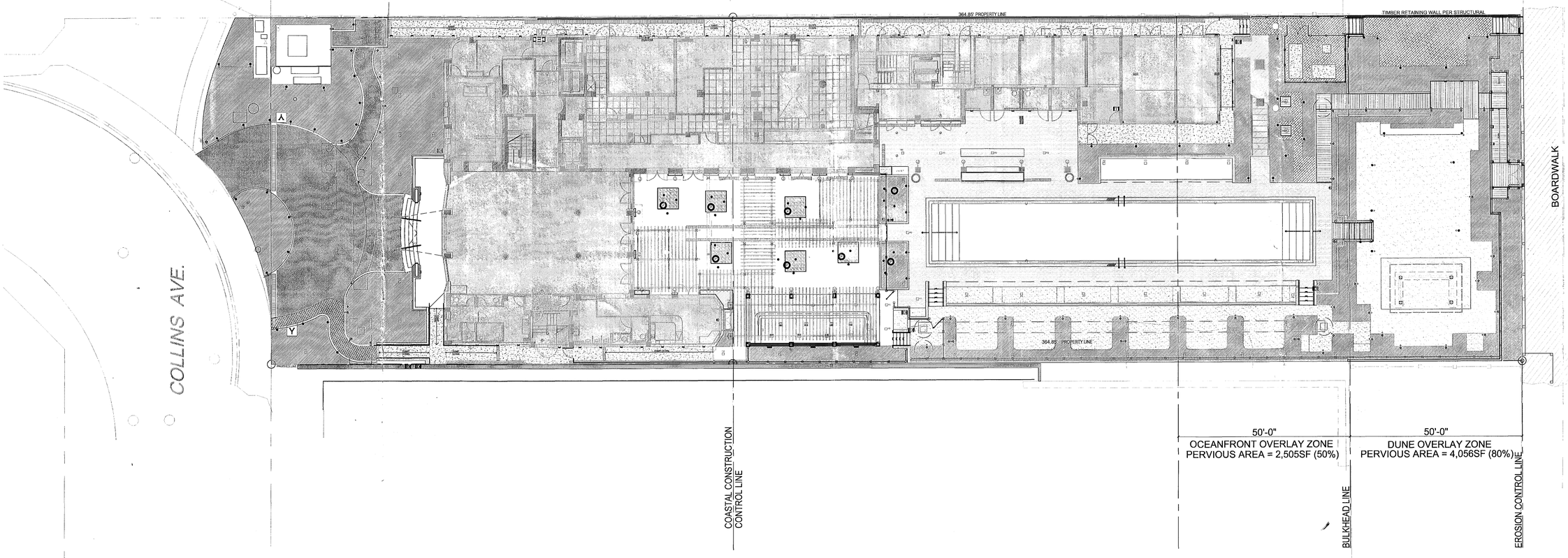
SECTIONS

cankat-essman, inc.
consulting engineers
STATE OF FLORIDA CA No.: 00004419
1900 S.W. 57th AVE. SUITE 1, MIAMI, FL. 33155
PHONE:(305) 266-9777 FAX:(305) 266-6884
LAWRENCE J. ESSMAN, P.E. FL. REG. NO. 6878
MUSTAFA CANKAT, P.E. FL. REG. NO. 18632

State of Florida — Lawrence J. Essman — No. 6878 — 10/27/2010

Date:	SEPT 21, 2010
Scale:	AS NOTED
Drawn:	J.M.F.
Job:	10017
Dwg #	S-2

Sheet 2 of 2



PROPOSED SITE PLAN

NOT TO SCALE

ALLANT. SHULMAN ARCHITECT, P.A
(AR 0012763)
100 NE 38TH STREET, SPACE #2 MIAMI, FL 33137
TEL: 305.438.0609 FAX: 305.438.0170

JUNGLES
LANDSCAPE ARCHITECT
RAYMOND JUNGLES INCORPORATED
Landscape Architect ASLA
242 SW 5th Street, Miami, FL 33130
PH (305)858.6777 FAX (305)856.0742
www.raymondjungles.com

REVISIONS

REVISIONS

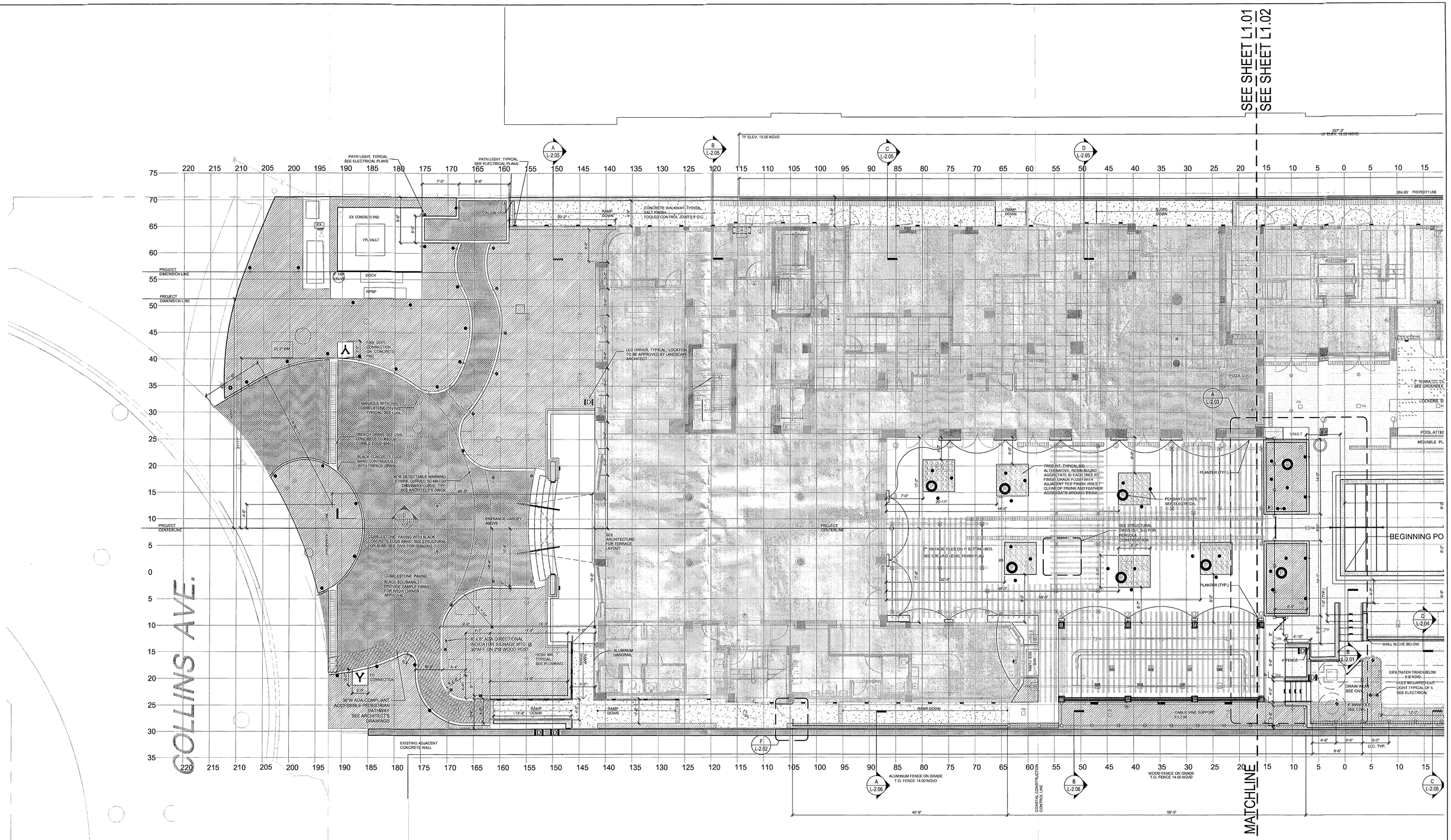
10.19.10

N

SOHO BEACH HOUSE

4385 COLLINS AVENUE, MIAMI BEACH, FL, 33140
JOB NO. 06023
RENOVATION AND ADDITION

L-1.00
10.19.10



PARTIAL HARDSCAPE PLAN

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

ALLANT. SHULMAN ARCHITECT, P.A
(AR 0012763)
100 NE 38TH STREET, SPACE #2 MIAMI, FL 33137
TEL: 305.438.0609 FAX: 305.438.0170

JUNGLES LANDSCAPE ARCHITECT
RAYMOND JUNGLES INCORPORATED
Landscape Architect ASLA
242 SW 5th Street, Miami, FL 33130
PH (305)858.6777 FAX (305)856.0742
www.raymondjungles.com

REVISIONS

REVISIONS

10.19.10

N

SOHO BEACH HOUSE
4385 COLLINS AVENUE, MIAMI BEACH, FL., 33140
JOB NO. 06023
RENOVATION AND ADDITION

L-1.01
10.19.10