

VENTILATION SCHEDULE

ROOM NAME	CATEGORY	NET FLOOR AREA SQ. FT.	CODE REQUIREMENTS		ACTUAL VENTILATION		SUPPLY UNIT NUMBER	REMARKS
			NUMBER OF OCCUPANTS AND/OR W.C.	REQUIRED VENTILATION (CFM)	SUPPLY CFM	EXHAUST CFM		
DINING AREA	DINING	551	34	388	944			
OFFICE	OFFICE	36	1	7	58		RTU-1	
ADA RESTROOM	TOILET ROOM	48	1 W.C.	50 EXHAUST	32	90	EF-2	RTU-1
RESTROOM	TOILET ROOM	36	1 W.C.	50 EXHAUST	25	70	EF-3	RTU-1
KITCHEN	KITCHEN	162	-	113 EXHAUST	624	1800	EF-1	RTU-1

AIR BALANCE SCHEDULE

UNIT	SA	RA	OA	EA
RTU-1	4,800	3,120	1,680	---
EF-1	---	---	---	1800
EF-2	---	---	---	90
EF-3	---	---	---	70
TOTAL	4,800	3,120	1,680	1960

RA- RETURN AIR
SA- SUPPLY AIR
OA- OUTSIDE AIR
EA- EXHAUST AIR

TOTAL BUILDING PRESSURIZATION: -280 CFM

MECHANICAL NOTES

- ALL DUCTWORK DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
- FOR LOCATION OF DIFFUSERS AND RETURN GRILLES SEE ARCHITECTURAL REFLECTED CEILING PLAN.
- WALK-IN COOLER SHALL BE SUPPLIED AND INSTALLED BY EQUIPMENT CONSOLIDATOR.
- MECHANICAL CONTRACTOR AND THE INSTALLER OF THE WALK-IN COOLER SHALL COORDINATE THE INSTALLATION OF THEIR EQUIPMENT.
- COORDINATE DUCT INSTALLATION WITH ARCHITECTURAL CEILING HEIGHTS.
- SEE DNG. M-1.0 FOR ADDITIONAL MECHANICAL NOTES AND SPECIFICATIONS.
- SMOKE DETECTORS FURNISHED BY ELECTRICAL CONTRACTOR, INSTALLED BY HVAC CONTRACTOR AND WIRED BY ELECTRICAL CONTRACTOR. (SEE ADDITIONAL INFORMATION SHEET M-1.0)
- ALL ROOF PENETRATIONS OF REFRIG. LINES/DUCTWORK SHALL BE APPROVED BY I.L. PRIOR TO INSTALLATION. G.C. RESPONSIBLE FOR RETAINING I.L. ROOF CONTRACTOR FOR ANY PENETRATIONS.

MECHANICAL LEGEND

	DUCTWORK		ROUND DUCT TAP OFF MAIN WITH VOLUME DAMPER AND FLEX DUCT		DUCT MOUNTED SMOKE DETECTOR
	SUPPLY DUCTWORK TURNING DOWN		RETURN/EXHAUST GRILLE		EQUIPMENT ID TAG
	RETURN DUCTWORK TURNING DOWN		SUPPLY DIFFUSER		FIRE DAMPER
	VOLUME DAMPER		DUCT ELBOW WITH TURNING VANES		WALL MOUNTED THERMOSTAT
			DUCT MOUNTED HUMIDITY SENSOR		MOTORIZED DAMPER

COOLER EQUIPMENT

MARK	ITEM	QTY.	MANUFACTURER	CAT. NO.	REMARKS
Ⓐ	COOLER CONDENSER (ROOF)	1	RUSSELL	BY OWNER	BY OWNER, G.C. TO VERIFY ELECTRICAL REQUIREMENTS OF VENDOR AND COORDINATE W/ ELECTRICAL ROUGH-IN.
Ⓑ	COOLER EVAPORATOR	1	RUSSELL	BY OWNER	BY OWNER, G.C. TO VERIFY ELECTRICAL REQUIREMENTS OF VENDOR AND COORDINATE W/ ELECTRICAL ROUGH-IN.

RTU SCHEDULE

UNIT NO.	RTU-1
MANUFACTURER	YORK
MODEL#	ZJ505V2N4E7
AIR FLOW (CFM)	4800
OA FLOW (CFM)	1680
AMBIENT OAT (CFM)	95
EXT. S.P. (IN. W.C.)	1.0
COOLING COIL	
EAT (FDB/MB)	82.7/49.4
TOTAL (MEH)	1511
SENSIBLE (MEH)	112.6
GAS HEAT	
INPUT (MEH)	180
OUTPUT (MEH)	144
ELECTRICAL	
VOLT/VAHZ	208/3/60
MOTOR HP	5
MCA (AMPS)	84.4
MCCP (AMPS)	100
RLA / LRA (AMPS)	23.1/60 (x2)
EER	12.6
WEIGHT (LBS)	1400

- NOTES:**
- FURNISH WITH 2" PLEATED MERV 13 FILTERS.
 - FURNISH WITH CDI STRAIGHT CURB W/ MINIMUM 13 SELF DRILLING SCREWS (#12-14) PER LONG SIDE 4 MIN. OF 3 SELF DRILLING SCREWS (#12-14) PER SHORT SIDE. (PROVIDE 1 INCH CLOSED CELL FOAM FIELD INSTALLED ON INSIDE OF CURB).
 - FURNISH WITH DISCONNECT SWITCH & MOTOR STARTER.
 - FURNISH WITH POWERED CONVENIENCE OUTLET.
 - FURNISH WITH ENTHALPY ECONOMIZER & BAROMETRIC RELIEF.
 - FURNISH WITH LOW LIMIT COMPRESSOR LOCKOUT.
 - FURNISH WITH PROGRAMMABLE THERMOSTAT.
 - FURNISH WITH 2-STAGE SCROLL COMPRESSORS.
 - FURNISH WITH PROBE TYPE HUMIDITY SENSOR.
 - FURNISH WITH INTELLISPEED CONTROL WITH VFD.
 - FURNISH W/ SIMPLICITY INTELLI-COMFORT II CONTROLLER PRE-CONFIGURED FOR THERMOSTAT CONTROL.
 - SET MINIMUM OUTSIDE AIR AS SPECIFIED ABOVE. OUTSIDE AIR DAMPER SHALL FULLY CLOSE ON UNIT SHUTDOWN.
 - CONTRACTOR TO INSTALL THE THERMOSTAT AND HUMIDITY SENSOR.
 - FURNISH RTU-1 WITH SMOKE DETECTORS ON BOTH SUPPLY AND RETURN AIR SIDES.
 - INSTALLING CONTRACTOR IS RESPONSIBLE FOR FIRST YEAR LABOR WARRANTY.
 - FURNISH W/ 5 HP MOTOR & FIELD SUPPLIED DRIVE.

- NOTE:**
- ALL MEP COMPONENTS TO MEET SEISMIC DESIGN CATEGORY 'D' REQUIREMENTS.

EXHAUST FAN SCHEDULE

DESIGNATION	EF-2	EF-3
	ADA TOILET	TOILET
LOCATION OF FAN	EXHAUST	EXHAUST
FUNCTION	CEILING	CEILING
TYPE	EXHAUST FAN	EXHAUST FAN
FAN DATA		
DRIVE	DIRECT	DIRECT
FLOW RATE (CFM)	90	70
FAN S.P. (IN. W.C.)	.1	.1
ELECTRICAL DATA		
POWER (W)	29	20
V/PH/Hz	115/1/60	115/1/60
SPEED CONTROLLER	NO	NO
DISCONNECT	YES	YES
DAMPER		
TYPE	BACKDRAFT	BACKDRAFT
LOCATION	FAN DISCHARGE	FAN DISCHARGE
OPERATION	GRAVITY	GRAVITY
MOUNTING		
METHOD	CEILING	CEILING
PROVIDED	WITH FAN	WITH FAN
BASIS OF SELECTION		
MANUFACTURER	GREENHECK	GREENHECK
MODEL	SP-A90	SP-A70
NOTE REFERENCE	1,2	1,2

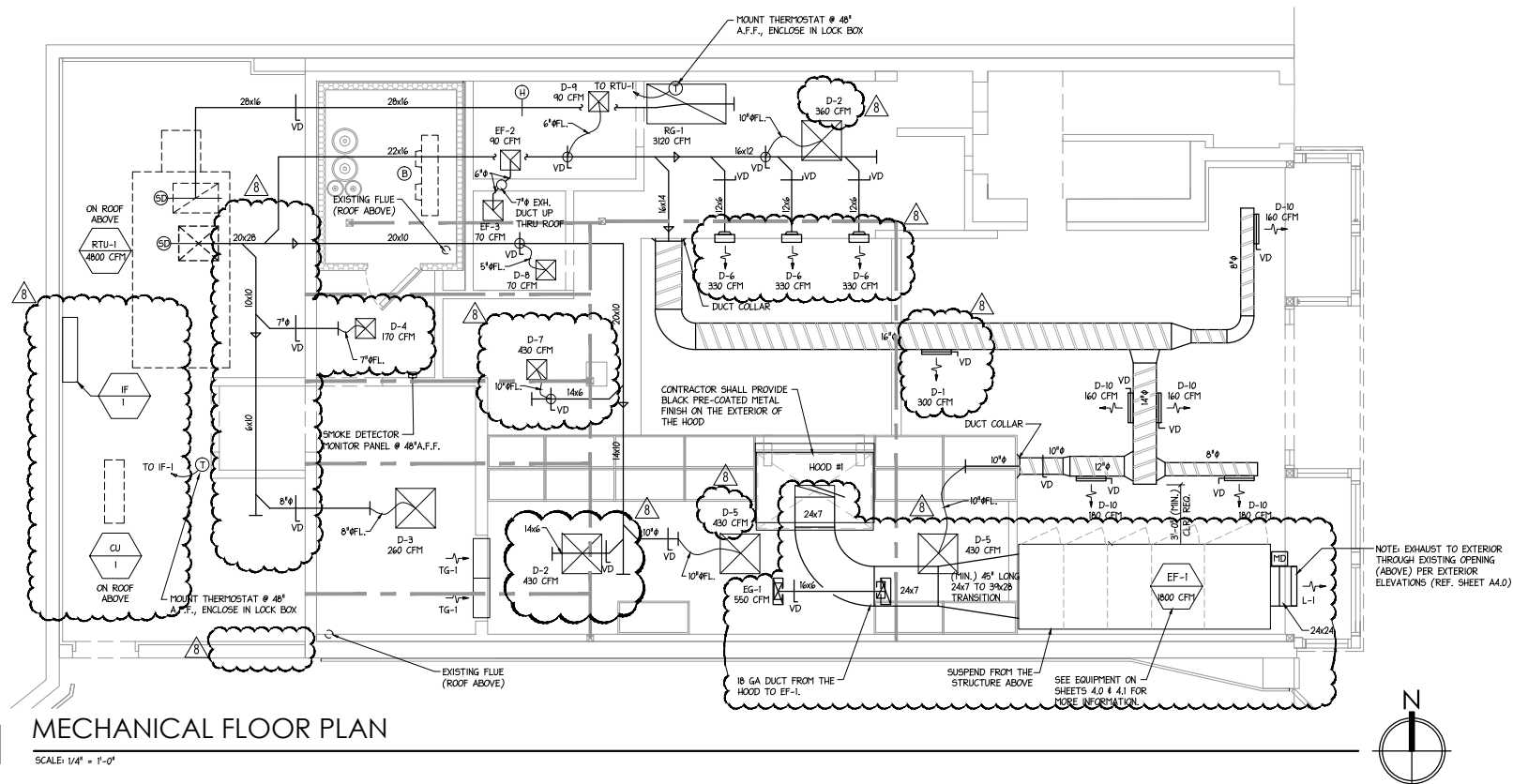
- NOTES:**
- ENERGIZED IN RTU OCCUPIED MODE.
 - PROVIDE WITH FLASHING FLANGE MODEL RFC-7, G.C. TO VERIFY A MAX. 1/4" BIRD SCREEN INCLUDED W/ THE FLASHING FLANGE.
 - FOR EF-1 DETAILS REFER TO DRAWING M-4.0.

LOUVER SCHEDULE

TAG	MANUFACTURER	MODEL	SIZE MM	EXHAUST CFM	NOTE
L-1	RUSKIN	ELF375DX	24"x24"	1800	PROVIDE W/ 1/2" W/ RODENTPROOF SCREEN

DUCTLESS HEAT PUMP SCHEDULE

TAG	MANUFACTURER	MODEL	CFM (H/1MED/LOW/QUIET)	COOLING CAPACITY (BTUH)	HEATING CAPACITY (BTUH)	ELECTRICAL			NOTES
						V/Ø/Hz	MCA	MCCP	
IF-1	FUJITSU	30RLX	669/530/435/365	32,400	37,500	230/1/60			PROVIDE W/ WIRED UTILITY-RUNN REMOTE CONT.
CU-1	FUJITSU	30RLX		32,400	37,500	208-230/1/60	18.5	30	



MECHANICAL FLOOR PLAN

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

CLIENT DATA

&pizza

cornerstone
Consulting Engineers & Architectural, Inc.

1176 N. Irving Street, Allentown, PA 18109
Phone: 610-820-8200, Fax: 610-820-3706

WWW.CORNERSTONEINC.COM

Pennsylvania Region
570-839-1770

Lehigh Valley Region
610-820-8200

Philadelphia Region
215-502-5600

REVISIONS

NO.	BY	DESCRIPTION	DATE
1	JDB	REVISED PER CLIENT COMMENTS	22 FEB 2015
2	JDB	REVISED PER CLIENT COMMENTS	23 FEB 2015
3	JDB	REVISED PER CLIENT COMMENTS	23 MAR 2015
4	JDB	REVISED FOR ALTERNATE EQUIPMENT LAYOUT	27 APR 2015
5	JDB	REVISED PER REVIEW COMMENTS, ALT. HVAC LAYOUT	28 JULY 2015
6	JDB	REVISED PER CLIENT COMMENTS	13 NOV 2015
7	JDB	REVISED PER CLIENT COMMENTS	30 NOV 2015
8	JDB	REVISED PER CLIENT COMMENTS	3 FEB 2016



PROJECT LOCATION

&pizza
TENANT INSTALLATION
405 8TH STREET SE
BARRACKS ROW
WASHINGTON D.C. 20003
LOT 0036 OF SQUARE 0902

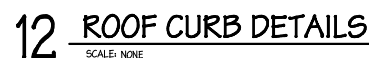
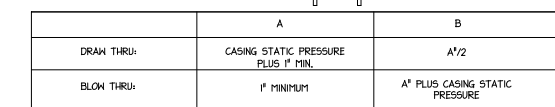
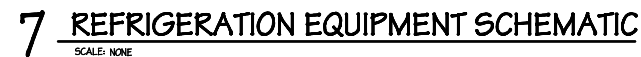
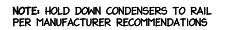
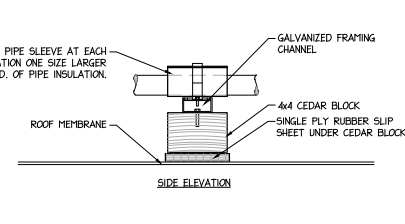
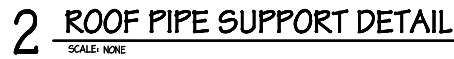
TITLE

MECHANICAL FLOOR PLAN & SCHEDULES

PROJ. #	14-0326	DATE	11/13/15
CAD. ID.	H0326M2.0	DRN BY	JDB
SCALE	AS NOTED	CHK BY	MWM

M-2.0

REVISION 8

A circular professional engineer seal for the District of Columbia. The outer ring contains the text "DISTRICT OF COLUMBIA" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the name "ALVA PEYROS" is written in blue ink. Below the name, the word "EXAMINED" is printed in red. Underneath "EXAMINED", the word "MECHANICAL" is printed in red. At the very bottom, the license number "9768" is handwritten in blue ink. A blue signature is scrawled across the center of the seal, over the words "EXAMINED" and "MECHANICAL".

PROJECT LOCATION



TENANT INSTALLATION

405 8TH STREET SE
BARRACKS BOWL

WASHINGTON D.C. 20003

LOT 0036 OF SQUARE 0902

TITLE	
-------	--

MECHANICAL DETAIL

PROJ. #	14-0326	DATE	10/1/15
CAD ID.	140326M3.0	DRN BY	JDB
SCALE	AS NOTED	CHK BY	MW

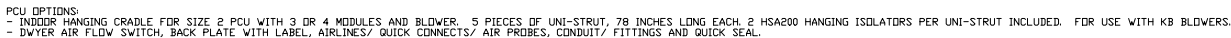
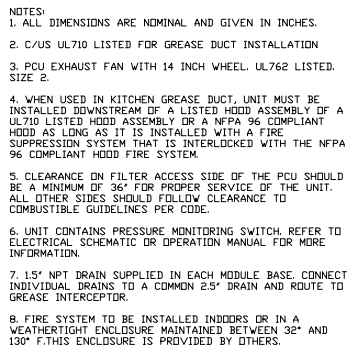
M-3.0

REVISION 8

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	WEIGHT (LBS.)	SDNES
1		KB14	1800	0.600	1529	2.000	0.8090	3	208	5.8	1544	15.1

FAN UNIT NO.	TAG	OPTION (Qty. - Descr.)
1		1 - Pollution Control Unit with High Efficiency, Hepa, and Dual Odor Control Filters. Size 2

DESCRIPTION:
FAN #1 KB14 - EXHAUST FAN - POLLUTION CONTROL UNIT. HIGH
EFFICIENCY MERV 15 FILTER MODULE, HEPA MODULE, AND DUAL ODOR
CONTROL MODULES. SIZE 2. DOES NOT INCLUDE FAN.



- A SERVICE PLATFORM MUST BE INSTALLED ON THE FILTER SIDE OF THE UNIT FOR PROPER FILTER MAINTENANCE.
- THE PLATFORM MUST BE THE SAME LENGTH AS THE PCU AND AT LEAST 3 FEET WIDE.
- THE PLATFORM MUST BE STRUCTURALLY SUPPORTED BY THE BUILDING, INDEPENDENT OF THE PCU.
- THE PLATFORM MUST BE DESIGNED TO PROPERLY SUPPORT THE WEIGHT OF ALL PCU FILTERS AND MAINTENANCE PERSONNEL.
- HANDRAILS MUST BE INSTALLED ON THE SERVICE PLATFORM TO PROTECT MAINTENANCE PERSONNEL.



REVISION 8

1/2" DIA. ALL THREAD ROD
CONNECTED TO ROOF JOIST
THROUGH ANOTHER HANGING
ANGLE

1/2" DIA. HEAVY DUTY NUT
ONE ABOVE AND ONE BELOW
HANGING ANGLE

*ROD AND NUTS TO BE SUPPLIED BY INSTALLING CONTRACTOR
HANGING ANGLE IS PRE-FINISHED AT FACTORY

HANGING ANGLE DETAILS

HOOD STYLE / MODEL	450 DEGREES cfm/ft.	600 DEGREES cfm/ft.	700 DEGREES cfm/ft.
CANOPY ND2	150	200	250
WITH END PANELS (15% reduction)	127.5	170	212.5
SLOPED SND-2	228	294	-
ISLAND ND-2WI	269	300	350
NDI	346	422	475

EXHAUST CFM=LENGTH OF HOOD X CFM/LIN.FT. (LOAD)
SUPPLY CFM=EXHAUST CFM X PERCENTAGE REQUIRED
TOTAL DUCT AREA=144 X
CFM
FT(MQ)
DUCT LENGTH= DUCT DEPTH
DUCT DEPTH

*CAPTIVE-AIRE VENTILATOR DUCT SIZES ARE CALCULATED USING AN EXHAUST
VELOCITY OF 1800-1850 FPM AND A SUPPLY VELOCITY OF 1000 FPM

CALCULATIONS UTILIZED

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH:

LISTED UNDER ETL File number 3054804-001/002

BUILDING CODES

CAPTIVE-AIRE HOODS HAVE OPTIONAL CLEARANCE
REDUCTION SYSTEMS AVAILABLE AS FOLLOWS:

MATERIAL	CLEARANCE REDUCTION SYSTEM
NON-COMBUSTIBLE	NONE REQUIRED
LIMITED-COMBUSTIBLE	3" UNINSULATED STANDOFF
COMBUSTIBLE	1" INSULATED STANDOFF

CLEARANCE TO COMBUSTIBLES

INSTALLATION

- ALL ELECTRICAL "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY ELECTRICAL CONTRACTORS.
- ALL PLUMBING "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY PLUMBING CONTRACTORS.
- HANGING BRACKETS LOCATED AND WELDED AS SHOWN ON PLANS. ALL OTHER HANGER MATERIALS PROVIDED BY INSTALLING CONTRACTORS.
- ALL CONNECTIONS FROM CAPTIVE-AIRE DUCT PER MECHANICAL CONTRACTOR'S PLANS.
- COOKING EQUIPMENT TO SHUTOFF IN EVENT OF FIRE.
- EXHAUST FANS TO TURN ON IN EVENT OF FIRE.
- ALL LIGHTS FIXTURE SHOWN INSTALLED BY CAPTIVE-AIRE ARE FACTORY PREWIRED. INTERCONNECTIONS BETWEEN HOODS AND TO SWITCHES BY ELECTRICAL CONTRACTORS.
- LAMPS FOR LIGHT FIXTURES BY INSTALLING CONTRACTORS.
- SEISMIC RESTRAINTS ARE RESPONSIBILITY OF INSTALLING CONTRACTOR.
- INSTALLING CONTRACTORS ASSUME ALL RELATED RESPONSIBILITY FOR VERIFICATION OF DIMENSIONAL DATA CONTAINED ON THESE DOCUMENTS FOR ACCURACY, INTEGRATION, AND ADMINISTRATION OF CODE REQUIREMENTS IN EFFECT PRIOR TO ANY RELEASE FOR PRODUCTION OF EQUIPMENT SHOWN.

BALANCE

- KITCHEN HOODS MUST BE BALANCED WITH KITCHEN.
- KITCHEN SHALL BE NEGATIVE WITH RESPECT TO DINING AREA.
- RESTAURANT SHALL BE POSITIVE WITH RESPECT TO AMBIENT PRESSURE.

ADDITIONAL

- WRITTEN HOOD DIMENSIONS HAVE PRECEDENCE OVER SCALE.
- SIGNED AND "APPROVED" COPIES OF THIS DOCUMENT ARE REQUIRED BY THE FACTORY PRIOR TO COMMENCEMENT OF FABRICATION.

GENERAL NOTES

FILTER COLLECTION EFFICIENCY

CaptiveAire Captare Solo Filter
ETL Listed Grease Extracting Filters
Made From 430 Stainless Steel

FILTER DETAIL

HOOD INFORMATION - Job#2534612

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	TOTAL EXH. CFM	EXHAUST PLENUM					HOOD CONSTRUCTION	HOOD CONFIG.	
						WIDTH	LENG.	DIA.	CFM	S.P.		END TO END	ROW
1		4824 VHB	6' 0.00'	700 Deg.	1250	7'	24"		1250	-0.142"	430 SS 100%	ALONE	ALONE

HOOD INFORMATION

HOOD NO.	TAG	FILTER(S)					LIGHT(S)			UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING WGT	
		TYPE	QTY.	HEIGHT	LENGTH	EFFICIENCY @ 9 MICRONS	QTY.	TYPE	WIRE GUARD	LOCATION	FIRE SYSTEM TYPE	SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY		
1							3	L55 Series E26	ND						ND	262 LBS

HOOD OPTIONS

HOOD NO.	TAG	OPTION
1		FIELD WRAPPER 18.00' High Front, Left, Right, Back RIGHT QUARTER END PANEL 23' Top Width, 0' Bottom Width, 23' High 430 SS LEFT QUARTER END PANEL 23' Top Width, 0' Bottom Width, 23' High 430 SS BALANCE DAMPERS FINISHED BACK - GROUND/POLISH 72.00' Long

ELECTRICAL PACKAGES - Job#2532982

NO.	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED		
				LOCATION	QUANTITY		TYPE	#	HP, VOLT, FLA
1		SC-310110FP	Wall Mount in SS Box	SS Wall Mount Box	1 Light 1 Fan	Smart Controls Thermostatic Control	Exhaust	3	2000 208 5.8

PLAN VIEW - Hood #1
6' 0.00" LONG 4824VHB

SECTION VIEW - MODEL 4824VHB
HOOD - #1

JOB NO
2532982

MODEL NUMBER
SC-310110FP

JOB NAME
AND PIZZA Barracks Row_R72_R4

DRAWN BY
1/12/2016

SCHEMATIC TYPE
ECP #1-1

DESCRIPTION OF OPERATION:
3 Phase w/ control for 1 Exhaust Fan, Exhaust on In Fire, Lights out in Fire, Fans On/Off Thermostatically Controlled. Room temperature sensor shipped loose for field installation.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24

BREAKER PANEL TO CONTROL PANEL
Responsibility: Electrician
BREAKER SIZE SHOWN IS THE MAXIMUM ALLOWED

BREAKER 1PH
120 V
15 A

BREAKER 3PH
208 V
MCA: 7.2 A
MCCP: 15 A

Hot
Neutral
Ground

LINE
LINE
Ground

EXH-1

CONTROL PANEL TO FANS
Responsibility: Electrician

Load Wiring
ST-1
WIRE DIRECT
TO STARTER

POLLUTION
CONTROL
UNIT PRES.
SWITCH

LOAD LEG 1
LOAD LEG 2
LOAD LEG 3
GROUND

FAN: 01
EXH-1
FLA 5.8
HP 2000
VOLT: 208 V

WIRE TO DISCONNECT
PCU SWITCH

IF MULTIPLE PCUS ON JOB,
WIRE EACH SWITCH IN SERIES
BEFORE RETURNING TO
PCU TERMINAL BLOCK.

CONTROL PANEL TO ACCESSORY ITEMS
Responsibility: Electrician

CONTROL PANEL
TO
FIRE SYSTEM
MICROSWITCH

IF MORE THAN ONE
FIRE SYSTEM, WIRE
IN SERIES AS SHOWN

WIRE C1 TO COMMON (1).
WIRE ARI TO NORMALLY CLOSED (2).
C1 TO ARI SHOULD HAVE
CONTINUITY WHEN ARMED.

MICROSWITCH 1
1-C 4-NO 8-AFF 2-NC
MS-1 4-NO 8-AFF 1-C 2-NC
MS-2 4-NO 8-AFF 1-C 2-NC

CONTROL PANEL
TO
SWITCHES

CONTROL PANEL
TO
HOOD LIGHTS
1400 W MAX

CONTROL PANEL
TO
WORLD WIDE
WEB

CONTROL PANEL
TO
KITCHEN TEMP
SENSOR

CONTROL PANEL
TO
DUCT SENSOR

CONTROL PANEL
SIGNAL FOR
EXTERNAL
SHUNT TRIP

CONTROL PANEL
SPARE FIRE
SYSTEM DRY
CONTACT

CONTROL PANEL
TO
EXTERNAL
SWITCH

ALL SWITCHES FACTORY WIRED
CAT-5 CONNECTION

WIRE TO J-BOX ON TOP OF HOOD

WIRE DIRECTLY TO COMMUNICATION
MODULE. SEE CASLINK OWNERS
MANUAL FOR FURTHER INSTRUCTIONS.

WIRE TO CONTROL BOARD.
SENSOR MOUNTED IN ROOM AWAY
FROM HEAT SOURCES. SEE MANUAL.

WIRE TO CONTROL BOARD.
SENSOR MOUNTED IN EXHAUST DUCT

THE FOLLOWING CONNECTIONS
MAY OR MAY NOT BE
REQUIRED BASED ON JOBSITE
SPECIFICATIONS

HOT TO SHUNT COIL
NEUTRAL FROM SHUNT COIL
ST TERMINAL IS ENERGIZED
IN FIRE CONDITION.

SPARE CONTACTS USED WHEN FIRE
SYSTEM DISCHARGES TO DISABLE
EQUIPMENT OR PROVIDE SIGNALS.
(NOT FOR BUILDING FIRE ALARM
WHICH MUST BE WIRED DIRECTLY
TO THE ANSUL ALARM INITIATING
SWITCH LOCATED IN ANSUL AUTOMAN)

SIGNAL SWITCH THROUGH BMS
WILL ACTIVATE ZONE1 FANS AND
LIGHTS

HOOD LIGHTS 1
ROUTER
ROOM TEMP
HOOD T
RISER 1
SHUNT COIL
COMMON
NORMALLY OPEN
BMS SWITCH

Field Connection to Router
Ethernet Switch OR Factory
Wired Connection Cellular
Kit

CASlink Monitor and Control

CLIENT DATA

cornerstone
Consulting Engineers & Architectural, Inc.

1176 N. Irving Street - Allentown, PA 18109
Phone: 610-820-8200 - Fax: 610-820-3706
WWW.CORNERSTONEINC.COM

Philadelphia Region
Lehigh Valley Region
Pottsville Region
215-502-5600
570-859-1770

NO	BY	DESCRIPTION	DATE
1	JDB	REVISED PER CLIENT COMMENTS	22 FEB 2015
2	JDB	REVISED PER CLIENT COMMENTS	23 FEB 2015
3	JDB	REVISED PER CLIENT COMMENTS	23 MAR 2015
4	JDB	REVISED FOR ALTERNATE EQUIPMENT LAYOUT	27 APR 2015
5	JDB	REVISED FOR REVIEW COMMENTS, A/E HVAC LAYOUT	28 JULY 2015
6	JDB	REVISED PER CLIENT COMMENTS	13 NOV 2015
7	JDB	REVISED PER CLIENT COMMENTS	30 NOV 2015
8	JDB	REVISED PER A/E COMMENTS	3 FEB 2016

DISTRICT OF COLUMBIA
SEALED
PROFESSIONAL ENGINEER

PROJECT LOCATION

TENANT INSTALLATION
405 6TH STREET SE
BARRACKS ROW
WASHINGTON D.C. 20003
LOT 0036 OF SQUARE 0902

TITLE
MECHANICAL DETAILS

PROJ. #	14-0326	DATE	10/2/2015
CAD ID:	H0326A4-0	DRN BY	JDB
SCALE	AS NOTED	CHK BY	MWM

M-4.1
REVISION 8