



City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811
Tel 407-581-8161 * Fax 407-581-0313 * www.universalengineering.com

PERMIT CARD - PLEASE POST AT JOB SITE

THIS DOCUMENT BECOMES YOUR PERMIT WHEN PROPERLY VALIDATED

Per FBC 105.3.3: An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "NOTICE: In addition to the requirements 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 governmental entities such as water management districts, state agencies, or federal agencies." The issuance of this permit does not grant permission to violate any applicable City, Orange County, State of Florida and/or Federal codes and/or ordinances. Separate permits are required for Signs, Roofing, Electrical, Gas, Plumbing and Mechanical services. This permit becomes VOID if the work authorized is not commenced within 6 months, or is suspended or abandoned for a period of 6 months after commencement. **WORK SHALL BE CONSIDERED SUSPENDED IF AN APPROVED INSPECTION HAS NOT BEEN MADE WITHIN A 6 MONTH PERIOD. PERMISSION IS GRANTED TO DO THE FOLLOWING WORK ACCORDING TO THE CONDITIONS HEREON AND THE APPROVED PLANS AND SPECIFICATIONS. SUBJECT TO COMPLIANCE WITH THE ORDINANCES OF THE CITY OF BELLE ISLE, FLORIDA.**

Scope of Work: MECHANICAL Heat hood and exhaust fan

Comments: None

Project Information
Address: 3501 Cullen Lake Shore Drive, Belle Isle, FL 32809
Parcel ID: 17-23-30-4380-04-150
Property Owner: DeFilippo, Vincent & Katherine
Phone Number: 407 850 3444

Company Name: Contemporary Air Services Inc
Contractor Name: DeFilippo, Vincent
License Number: CAC1813311
Address: 1209 Seminole Blvd, Casselberry FL 32707
Phone Number: 407 699 6644

Permit Number: 2014-04-024

Date of Application: 04/14/2014

Date Permit Issued: 04/16/2014

WARNING TO OWNER: "YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT." ON THE JOB INSPECTION(S) MUST BE MADE BEFORE PROCEEDING WITH SUBSEQUENT WORK. THIS CARD MUST BE DISPLAYED OUTSIDE AND BE PROTECTED FROM THE WEATHER WHILE BEING VISIBLE FROM THE STREET UNTIL THE FINAL INSPECTIONS HAVE BEEN APPROVED.

BUILDING FEATURES

IMPACT FEES

School \$
Traffic \$

ZONING FEES

Zoning Fee \$

UNIVERSAL ENG - BUILDING FEES

Cert of Occ \$
Demo \$
Building \$
Fence \$
Driveway \$
Shed \$
Window(s) \$
Door(s) \$
PrePower \$
Electrical \$
Temp Pole \$
Plumbing \$
Mechanical \$100.50
Gas \$
Roofing \$
Boat Dock \$
Screen Encl \$
Swimming Pool \$
Sign \$

SURCHARGE FEES

Surcharge Fee \$2.00
Surcharge Fee \$2.00

TOTAL FEES \$104.50

Date Paid 4-17-14

CC or Check # MC 1402

Amount Paid 104.50

The person accepting this permit shall conform to the terms of the application on file and construction shall conform to the requirements of the Florida Building Code (FS 553).

BUILDING INSPECTOR USE ONLY

IF APPLICABLE:

Have Zoning Approval Conditions Been Met? YES NO Have Stormwater Approval Conditions Been Met? YES NO Silt fencing in place? YES NO Turbidity Barrier in place? YES NO

1st BUILDING

1st _____ (Footing/Foundation)

Survey specific foundation plan must be onsite before slab pour. Approved Plan on Site? _____

2nd _____ (Slab)

3rd _____ (Lintel)(Wall Reinforcing on Masonry Building)

4th _____ (Exterior Framing)(Roof/Wall Sheathing)

5th _____ (Framing) (To be made after Plumbing/Mechanical/Electrical Rough-Ins & Windows/Doors Installed)

6th _____ (Insulation to be Made After Roof Installed)

7th _____ (Drywall)

8th _____ (Sidewalk/Driveway)

9th _____ (Other)

10th _____ (Final - After MEP and Other Applicable Finals)

ROOFING

1st ROOFING Deck Nailing/Dry-in/Flashing _____

2nd ROOFING Covering In-Progress _____

3rd ROOFING Covering Final _____

PLUMBING (Pool-Piping, Solar, Irrigation, Water Treatment Equip, Etc...)

1st _____ (Underground) 2nd _____ (Sewer)

3rd _____ (Rough-In/Tub Set) 4th _____ (Final)

CHECK APPROPRIATE BOX

GAS ___ Natural ___ LP MECHANICAL ELECTRICAL LOW VOLTAGE

1st _____ (Rough-In) 2nd _____ (Final)

Inspection requests are to be emailed to BDscheduling@UniversalEngineering.com; a confirmation email will be sent back to you upon scheduling. Next-day inspection requests must be made by 1pm. Please include the following in your request: Permit #, project address, type of inspection, date of the requested inspection, a contact name & a contact phone number. AM or PM may be requested but cannot be guaranteed.

For a copy of your permit, or to check inspection results, please visit <https://universalengineering.sharefile.com/ff094edc4-832d-44bd-9809-ecf32f9e2e63>
login ID = cobi@universalengineering.com password = universal113

CITY OF BELLE ISLE
Permit Application Review Sheet

Permit Number	2014-04-024
Property Owner	De Filippis
Address	3501 Collier Lake Shore Dr.
Nature of Improvement	Mechanical one heat/cool exhaust fan
Received Application	4-14-14
Sent for Stormwater Review	
Stormwater Approved	
Sent for Zoning Review	
Zoning Approved	
Applied for Variance	
Variance Approved	
Sent to BO for Review	4-14-14
Building Official Approved	4-15-14
Comments	
1.	Sum 4-15-14 called Francesca Condempnary Air for Value ✓
2.	review wo # 36540
3.	Sum 4-16-14 ready- email sent ✓
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	

✓ Sent



City of Belle Isle

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APPLICATION FOR MECHANICAL PERMIT

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

DATE OF APPLICATION: _____ PERMIT NUMBER 2014-04-024
PLEASE PRINT. The undersigned hereby applies for a permit to make installations as indicated below.

Project Address 3501 Cullen Lk Shore DR Belle Isle FL 32809 ✓ 32812
Property Owner DeFilippo Vincent & Katherine Phone 407 850-3444
Property Owner's Mailing Address SAME City Belle Isle
State _____ Zip Code _____ Parcel Id Number: 17-23-30-4380-04-15B

To obtain this information, please visit <http://www.ocpafi.org/Searches/ParcelSearch.aspx>

Class of Building: Old New Type of Building: Residential Commercial Other
Type of Work: New Alteration Addition Repair

- REQUIRED Tie Down Engineering and Equipment Sizing Calculation
- REQUIRED, adding A/C to new space - provide Energy Calculations
- REQUIRED, if replacing unit with no duct work, Duct Certification as per FB 101.4.7.1, must be posted on unit

Please indicate the nature of work by completing the information below:

Air Conditioning: # of Units _____ Tons Per Unit _____ Total Tons _____ Estimated Cost \$ _____
Type of System: Water to Air _____ Chiller _____ Split System _____ Package _____ Heat Pump _____

Heating: # of Units KWS Per Unit _____ Total KWS _____ BTU's _____ Estimated Cost \$ _____
Oil _____ Electric _____ Boiler _____ Gas _____ (A) Estimated Cost Fee \$ _____

Fees for items below are based on valuation of all units, equipment, materials and labor supplied by owner or contractor.

Ventilation: (Number of) Grease _____ Heat Hood Air Intakes Exhaust Fans Dryer Vents _____ Estimated Cost \$ 4000.00

Refrigeration: Number of units _____ Estimated Cost \$ _____

Piping: Air _____ Vacuum _____ Steam _____ Chill Water _____ Estimated Cost \$ _____

Others: (Specify) _____ Estimated Cost \$ _____

Was the space previously Air Conditioned? Yes _____ No _____ (B) Estimated Cost Fee \$ 100.50

I hereby certify that the above is true and correct to the best of my knowledge and make Application for Permit as outlined above, and if same is granted I agree to conform to all Florida Building Code Regulations and City Ordinances regulating same and in accordance with plans submitted. The issuance of this permit does not grant permission to violate any applicable Town and/or State of Florida codes and/or ordinances.

LICENSE HOLDER SIGNATURE [Signature] LICENSE # CAC1813311
LICENSE HOLDER NAME DeFilippo Vincent William COMPANY NAME Contemporary Air Sew Inc
Street Address 1209 Casselberry State FL Zip Code 32707 Phone Number 407 699-6644
City Seminola Email Address Contemporary Air@yahoo.com

Building Official: [Signature] Date 4-15-2014
Review & Permit Fee \$ 100.50
3% Florida Surcharge \$ 4.00
Total Permit Fee \$ 104.50

NOTE: The Building Permit Number is required if the Mechanical Installation is associated with any construction or alteration where a Building Permit has been issued. Building Permit Number 2014-02-015





Fully Integrated Package

CaptiveAire sells this hood as a stand-alone appliance to be integrated into a kitchen ventilation application, or provided as part of a FULLY INTEGRATED PACKAGE designed by CaptiveAire and pre-engineered for optimum performance. The package consists of the hood, an integral utility cabinet, factory pre-wired electrical controls, and a listed fire suppression system. Other options include a listed exhaust fan, a listed make-up air unit and listed, factory-built ductwork.



4-15-14

ND-2 Hood with optional PSP (Supply Plenum)

ND-2 Hood with optional AC-PSP (Supply

<http://www.captiveaire.com/CATALOGCONTENT/HOODS/ND2/index.asp>

4/15/2014

Advantages

- ▶ **Exhaust Flow Rates:** Superior exhaust flow rates. A 4' Hood can operate at 150 CFM/ft or 600 total CFM. Available in single or back-to-back configurations.
- ▶ **ETL Listed:** ETL Listed for use over 450°F, 600°F and 700°F cooking surface temperatures, which provides flexibility in designing kitchen ventilation systems. ETL Listed to US and Canadian safety standards, ETL Sanitation Listed and built in accordance with NFPA 96.
- ▶ **Capture and Containment:** Insulated, double-wall rigid front has aerodynamic design that reduces radiant heat into kitchen, prevents condensation and provides exceptional capture and containment of cooking vapors. This is accomplished with the signature ND-2 "mechanical baffle" on the front of the hood's capture area and the "C-shaped" design of the hood's capture area. Mechanical baffle provides a built-in wiring chase for optimal positioning of electrical controls and outlets on the front face of the hood without penetrating capture area or requiring external chase way.
- ▶ **Convenient Design:** Factory pre-wired lighting to illuminate the cooking surface is accessible from the bottom of the hood. Fitted with UL Listed, pre-wired, incandescent light fixtures and tempered glass globes to hold up to a standard 100 watt bulb. Pre-punched hanging angles on each end of hood and additional set provided for hoods longer than 12'.
- ▶ **Construction:** Polished stainless steel on the interior and exterior of the front enhance aesthetics. Fully welded and polished front corners. Fabricated from Type 430 stainless steel with option of Type 304 available.
- ▶ **Channels:** Hood comes standard with structural channels on top and wrapper channels on the bottom.
- ▶ **Reduced Weight:** Rigid single wall end panels reduce weight.

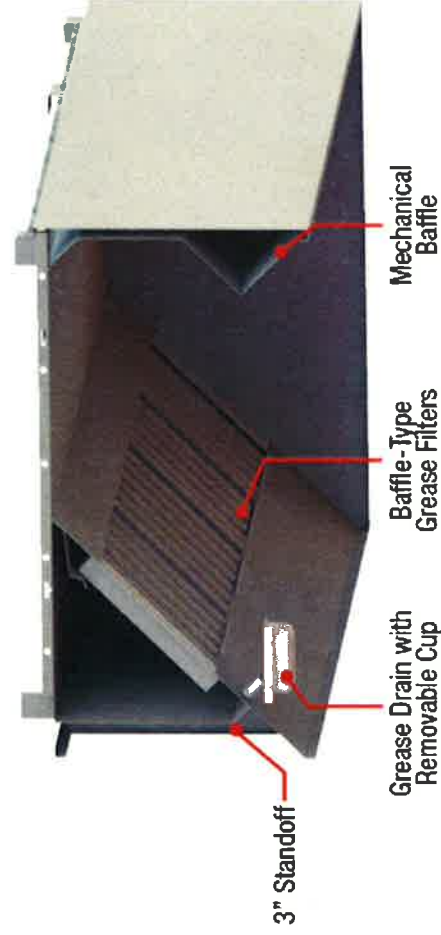
- ▶ **Grease Extraction:** All hoods come standard with stainless steel baffle filters and a deep grease trough which allows for easy cleaning. Captrate Combo® and Captrate Solo® filters are optional. Grease drain system with removable 1/2 pint cup for easy cleaning. Standard filter stops eliminate gaps between filters.
- ▶ **Reduced Lead Times and Shipping Costs:** Produced on a high volume assembly line at one of five manufacturing facilities to reduce lead times and shipping costs.
- ▶ **Clearance to Combustibles:** Standard built in 3" rear standoff to meet NFPA 96 requirements, when installed in a wall application.
- ▶ **Controls:** Hoods can be equipped with modular utility cabinets and end standoffs. Optional listed light and fan control switches flush mounted and pre-wired through electrical chase way.
- ▶ **Optional Make-Up Air:** Up to 80% make-up air can be supplied through optional front and/or side plenums (ND-2 Series with PSP or AC-PSP Accessory).
- ▶ **Optional Self Cleaning Technology:** The Self Cleaning Hood option adds a spray bar that extends the full length of the hood immediately behind the filters. The system cleans grease from the plenum and portion of the duct with the daily hot water spray cycle.
- ▶ **Optional CORE Protection:** The CORE Fire Protection System is an automatic, pre-engineered fire suppression system which is ETL listed to UL Standard 300. The CORE Protection System is designed to provide primary coverage for ventilating equipment including hoods, ducts, plenum and filters.

Performance

AVG. COOKING SURFACE TEMP. (°F)	CONFIGURATION	MIN. EXHAUST CFM / FT.
450°F	Single Wall Hood 2 Wall Hoods Back-to-Back	150 300
600°F	Single Wall Hood 2 Wall Hoods Back-to-Back	200 400
700°F	Single Wall Hood 2 Wall Hoods Back-to-Back	250 500

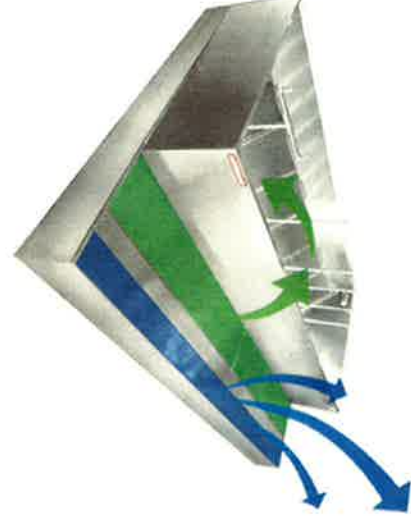
Recommended Duct Sizing: Exhaust - Based on 1500 FPM

Features



Optional Make-Up Air Accessory

- ▶ Provides up to 80% make-up air
- ▶ Delivers AC where it is needed most
- ▶ AC air does not interfere with the hoods capture and containment
- ▶ Convenient termination for AC ductwork in kitchen hoods
- ▶ Stainless steel construction to match the ventilation hoods
- ▶ Insulated to prevent condensation
- ▶ Make-up plenum is located nearest the hood; the air conditioned plenum is away from the hood
- ▶ Make-up air stream and the air conditioned air stream are not permitted to mix until leaving the dual plenum
- ▶ Perforated, stainless steel diffuser plates provide even air distribution
- ▶ Optional LED Lights



Make-up air is evenly distributed along the length of the hood through the first plenum and **conditioned air** is delivered through the outer plenum.

[Click here](#) to learn more about this optional accessory »

Options

Utility Cabinet: Listed for integral side mount and fabricated of same material as hood. Cabinet can house listed fire suppression system and listed, pre-wired electrical controls.

Front Perforated Supply Plenum: Provides low velocity make-up air for the kitchen and is discharged in front of the hood. Perforated diffuser plates allow for even air distribution and supply riser includes a volume damper for easy balancing. Side Perforated Supply Plenums can be added to optimize the air flow if necessary.

Enclosure Panels: Constructed of stainless steel. Sized to extend from hood top to ceiling, enclosing pipe and hanging parts.

End Panels: Should be used to maximize hood performance and eliminate the effects of cross drafts in kitchen. units constructed of stainless steel and sized according to hood width and cooking equipment. Exposed edges hemmed for safety and rigidity.

Roof Top Package: Combination ETL Listed exhaust/supply air unit with factory prewired and mounted motors, trunkline and curb vented on exhaust side.

Separate Exhaust and/or Make-Up Air Fans: ETL Listed single exhaust fans and supply-air fans and curbs available.

Fire Suppression System: UL 300 fire suppression system.

Lighting: Recessed Incandescent, Recessed Fluorescent, Compact Fluorescent, Recessed LED, Halogen

Certifications

The ND-2 Model has been certified by ITS. This certification mark indicates that the product has been tested to and has met the minimum requirements of a widely recognized (consensus) U.S. and Canadian products safety standard, that the manufacturing site has been audited, and that the applicant has agreed to a program of periodic factory follow-up inspections to verify continued performance.

Models ND-2 are ETL Listed under file number 3054804-001 and complies with UL710, ULC710 and ULC-S646 Standards.



Model ND-2 Specification

The model ND-2 is an exhaust only canopy hood rated for all types of cooking equipment. The hood shall have the size, shape and performance specified on drawings.

Construction shall be type 430 stainless steel, with a #3 or #4 polish where exposed. The manufacturer, ETL and NSF shall determine the individual component construction. Construction shall be dependent on the structural application to minimize distortion and other defects. All seams, joints and penetrations of the hood enclosure to the lower outermost perimeter that directs and captures grease-laden vapor and exhaust gases shall have a liquid-tight continuous external weld in accordance with NFPA 96. The hood shall be wall type with a minimum of four connections for hanger rods. Corner hanging angles have a 5/8" x 1-1/2" slot pre-punched at the factory, allowing hanging rods to be used for quick and safe installation.

The hood shall be furnished with U.L. classified filters, supplied in size and quantity as required by ventilator. The filters shall extend the full length of the hood and the filler panels shall not be more than 6" in width.

The hood manufacturer shall supply complete computer generated submittal drawings including hood sections view(s) and hood plan view(s). These drawings must be available to the engineer, architect and owner for their use in construction, operation and maintenance.

Exhaust duct collar to be 4" high with 1" flange. Duct sizes, CFM and static pressure requirements shall be as shown on drawings. Static pressure requirements shall be precise and accurate; air velocity and volume information shall be accurate within 1-ft increments along the length of the ventilator.

U.L. incandescent light fixtures and globes shall be installed and pre-wired to a junction box. The light fixtures shall be installed with a maximum of 4'0" spacing on center and allow up to a 100 watt standard light bulb.

The hood shall have:

- A double wall insulated front to eliminate condensation and increase rigidity. The insulation shall have a flexural modulus of 475 EI, meet UL 181 requirements and be in accordance with NFPA 90A and 90B.
- An integral front baffle to direct grease laden vapors toward the exhaust filter bank.
- A built-in wiring chase provided for outlets and electrical controls on the hood face and shall not penetrate the capture area or require an external chase way.
- Removable grease cup for easy cleaning.

The hood shall be ETL Listed as "Exhaust Hood Without Exhaust Damper", NSF Listed and built in accordance with NFPA 96. The hood shall be listed for 450°F cooking surfaces at 150 CFM/ft, 600°F cooking surfaces at 200 CFM/ft, and 700°F cooking surfaces at 250 CFM/ft. The hood shall be ETL Listed as "Exhaust Hood Without Exhaust Damper".

Optional Features

- Utility Cabinet
- ETL Listed Exhaust Fire Damper
- End Panels
- Enclosure Panels
- Fully Integrated Self Cleaning Options



Suggested Specifications

Integrated Suggested Specifications:

Aerodynamic Grease Trough

Fully welded grease sub-assembly and a deep grease trough allows for easy cleaning. Grease trough shall be integrated into the hood to ensure smooth effluent transition from appliance to filter.

Clearance Reduction System

Hood shall be provided with an integral front and rear clearance to combustibles reduction system.

Insulated Hood Front

Hood shall be fabricated with a double-wall, insulated front for increased rigidity and reduced condensation.

Riser

Hood shall accommodate up to a 16" riser.

Filter Options

The filters shall be constructed of stainless steel and shall be NSF and UL or ETL classified. Various types of filters are available based on cooking application. For lower grease applications, filters should extract up to 85% of grease particles over 8 microns. For heavy grease applications, filters should extract up to 90% of grease particles at 2 microns.

Wiring Chase

A built-in wiring chase shall be provided for optimal positioning of electrical controls and outlets on the front face of the hood without penetrating the capture area or requiring an external chase way.

Exhaust Rates

ETL Listed for 450°F, 600°F and 700°F cooking surfaces (File 3054804-001 without exhaust damper; File 3054804-002 with exhaust damper), NSF Listed and built in accordance with NFPA Standard 96.

Optional Suggested Specifications:

Compact Fluorescent Lights

Fitted with UL Listed, pre-wired, incandescent light fixtures and tempered glass to hold up to a standard 100-watt bulb. Factory pre-wired lighting shall be accessible from the bottom of the hood. Factory installed energy efficient fluorescent bulbs to illuminate cooking surface.

CORE Protection

Hood to ship with UL-300 integral plenum and duct fire system.

Factory Installed Energy Management System

Factory will install the energy management system (EMS) in the hood's integral end utility cabinet. Includes factory wiring of duct temperature sensor, and pre-set timers. EMS shall be capable of reducing exhaust and supply airflow quantities by 20% using variable frequency drives.

Integral Automatic Self-Cleaning System

Factory will install the self-cleaning system, which automatically washes down the exhaust plenum and up to 6 feet of grease duct upon fan deactivation. Cleaning cycle frequency and duration are fully adjustable.

End Panels

Factory supplied end panels will reduce dynamic effects from cross drafts and enhance the capture and containment of the hood. Exhaust CFM can be reduced by up to 30 percent of the normal exhaust rate.

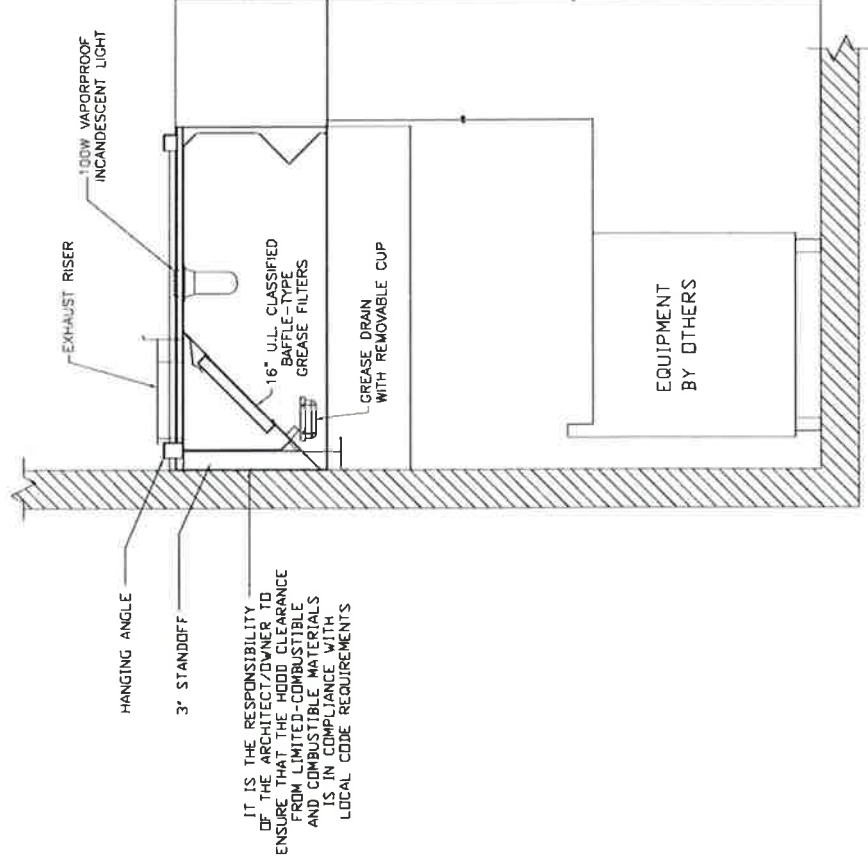
AC-PSP

Factory will install the AC-PSP accessory which will delivers up to 80% make-up air while providing a termination point for AC air in a separate insulated plenum. Make-up air plenum shall be located closest to hood. Both the make-up air plenum and AC plenum shall contain two layers of perforated stainless steel diffuser plates to provide even air distribution.

ND-2 Performance Values

Max Cooking Surface Temp (°F)	Minimum Exhaust CFM/Ft
450 Ovens, Steamers, Kettles, Ranges, Griddles, and Fryers	150
600 Gas Char-broilers, Electric Char-broilers, and Woks	200
700 Mesquite Grills, Charcoal Char-broilers, Wood Burning Appliances	250

Section View of Model ND-2



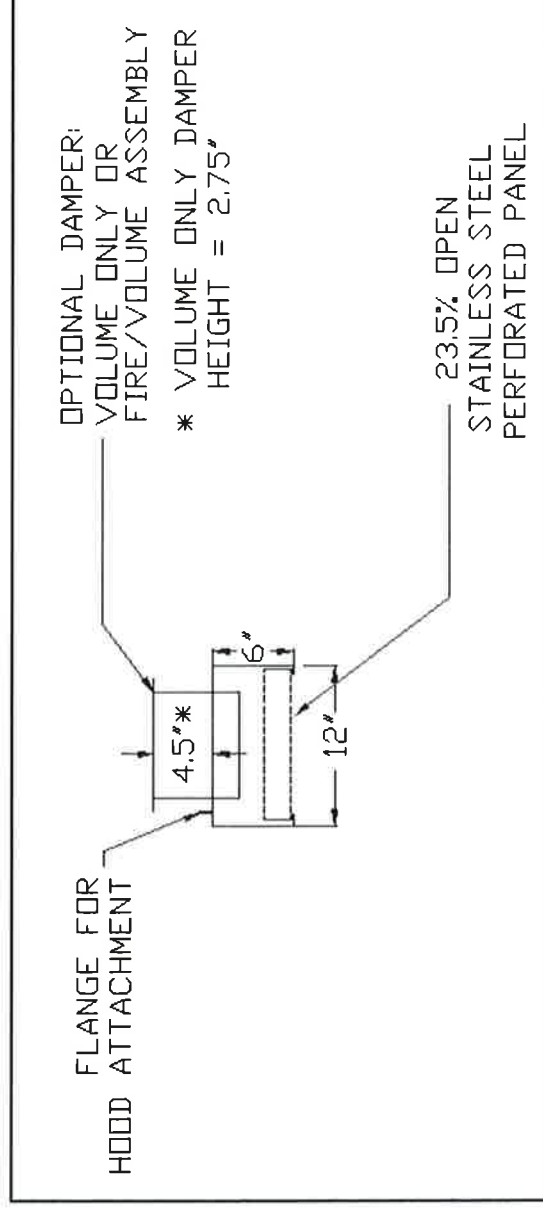
OPTIONAL Perforated Supply Plenum Specification

The Perforated Supply Plenum (PSP) shall provide make-up air through perforated stainless steel panels. All seams shall be welded and have stainless steel on exposed surfaces. Unexposed surfaces shall be constructed of aluminumized steel. Perforated diffuser plates shall be included in the design and to provide even air distribution and the plenum shall be insulated to prevent condensation (optional).

Features and Benefits:

- Provides up to 80% make-up air
- Stainless steel construction to match the ventilation hood
- Delivers make-up air where it is needed most while minimizing the amount of air that diffuses to space
- Decreases HVAC load, thus lowering operating costs
- Directs make-up air into the hood's capture area
- Evenly distributes make-up air along the length of the hood
- Low make-up air discharge velocities, typical velocity is 140 to 160 ft. / min.
- Assists in exceptional capture and containment of cooking vapors
- Easy installation

Section View Drawing for 12" PSP



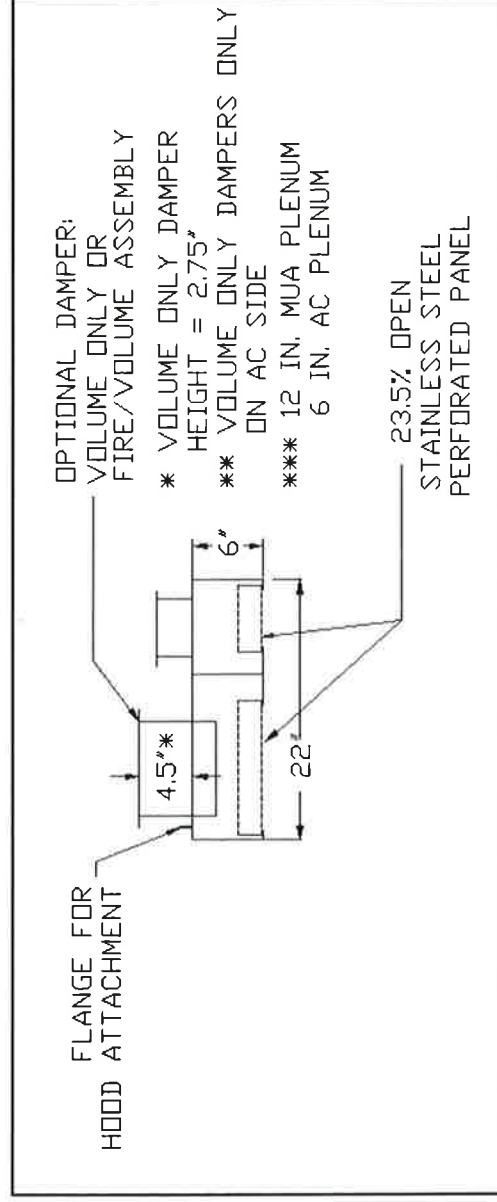
OPTIONAL AC Perforated Supply Plenum Specification

The AC Perforated Supply Plenum (ACPSP) shall provide make-up air through a dual stream perforated stainless steel plenum. All seams shall be welded and have stainless steel on exposed surfaces. Unexposed surfaces shall be constructed of aluminized steel. Perforated diffuser plates shall be included in the design and to provide even air distribution. The air-conditioned portion of the plenum shall be insulated to prevent condensation. The make-up air plenum shall be located nearest the hood and the air-conditioned plenum away from the hood. The make-up air stream and the air-conditioned stream shall not be permitted to mix until leaving the dual plenum.

Features and Benefits:

- Provides up to 80% make-up air
- Delivers AC where it is needed most
- AC air does not interfere with hood's capture and containment
- Convenient termination for AC ductwork in kitchen
- Stainless steel construction to match the ventilation hood
- Insulated to prevent condensation

Section View Drawing for 22" ACPSP



HOOD INFORMATION - Job#2003258

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	TOTAL EXH. CFM	EXHAUST PLENUM RISER(S)					HOOD CONSTRUCTION
						WIDTH	LENG.	DIA.	CFM	S.P.	
1		3630 ND-2	10' 8.00'	600 Deg	2507			16"	2507	-0.896'	304 SS 100%

HOOD INFORMATION

HOOD NO.	TAG	TYPE	FILTER(S)			LIGHT(S)			HOOD HANGING WGT
			QTY	HEIGHT	LENGTH	QTY	TYPE	WIRE GUARD	
1		Captrate Solo Filter	4	20"	20"	4	L55 Series E26	NO	530 LBS

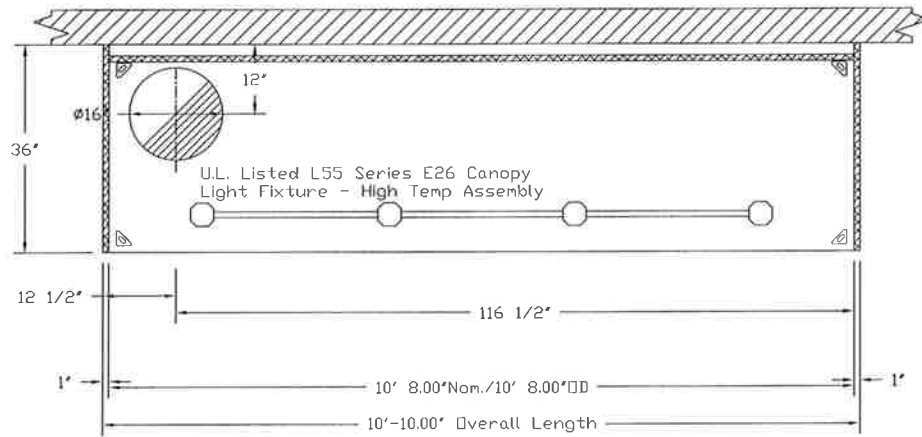
HOOD OPTIONS

HOOD NO.	TAG	OPTION
1		SHOP WRAPPER 3.00' High Front, Left, Right
		LEFT END STANDOFF (FINISHED) 1' Wide 36" Long Insulated
		RIGHT END STANDOFF (FINISHED) 1' Wide 36" Long Insulated
		INSULATION FOR TOP OF HOOD
		INSULATION FOR BACK OF HOOD

DuctWork #1 Parts - Job#2003258

Tag	Part #	CFM	LF	Weight	Description
P1	DW16265LT	2133	+0.0052'	12.40	Single Wall Duct 16" diameter, 26.5' long Flange on both ends Stainless Steel
P2	DW160AJ01IT	2133	+0.0118'	54.00	Single Wall Duct Adjustable, 16" diameter, 55.5' long Flange at one end with a 16" Adjustable Collar - Stainless Steel
P3	DW2318TP	2133	+0'	8.03	Duct to Curb Transition 23" Curb to 16" Duct to GA Alumined Used on DW15 DW75 & 85
System at P3		2133	+0.668'		
Total Weight				58.23	

1" LAYER OF INSULATION FACTORY INSTALLED ON TOP, SIDES AND BACK OF HOOD. MEETS 0 INCH REQUIREMENTS FOR CLEARANCE TO COMBUSTIBLE SURFACES



PLAN VIEW -- Hood #1
10' 8.00" LONG 3630ND-2

CUSTOMER APPROVAL TO MANUFACTURE:

Approved as Noted

Approved with NO Exception Taken

Revise and Resubmit

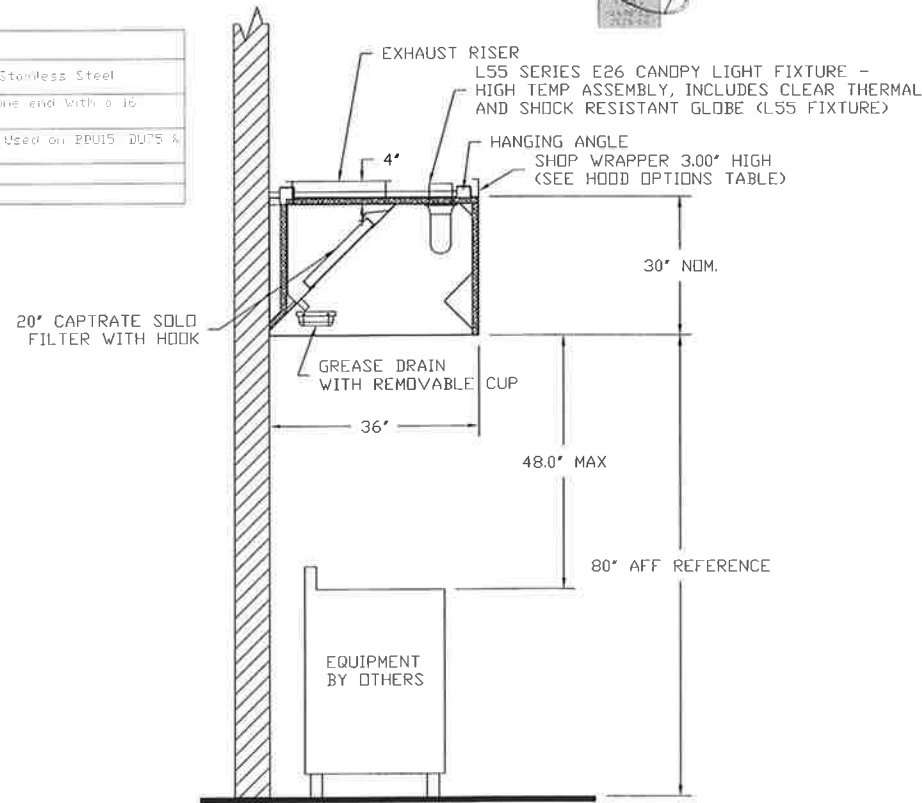
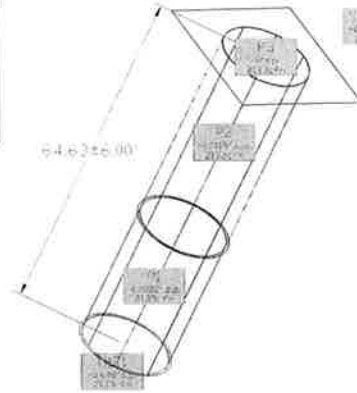
SIGNATURE _____

Your Title _____ Date _____



CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH

NFPA #96 Intertek
ETL SANITATION LISTED
ETL LISTED #3054804-001



SECTION VIEW - MODEL 3624ND-2
HOOD - #1



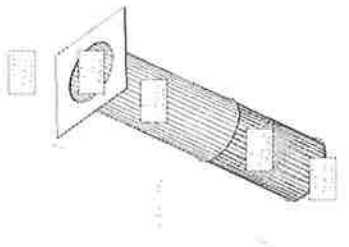
CAPTIVE-AIRE

JOB 3501 Cullen Lake Shore Dr	
LOCATION ORLANDO, FL.	
DATE 4/14/2014	JOB # 2003258
DWG # 1	DRAWN BY PAB
REV.	SCALE 3/8" = 1'-0"

Ductwork #1-Tag List 1

04/14/2014 03:40 p

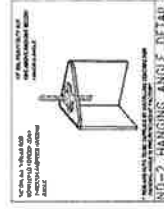
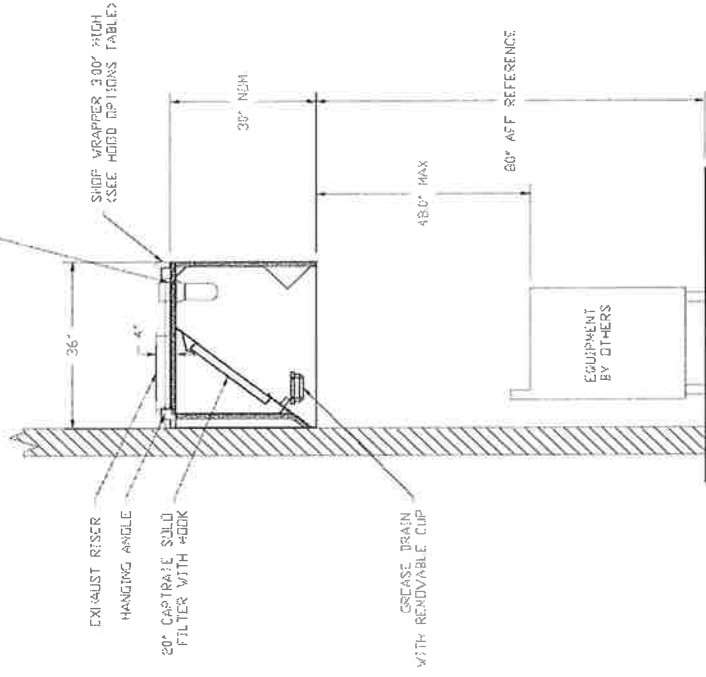
Tag #	Description	Material	Quantity	Unit
1	1.0000	1.0000	1.0000	1.0000
2	2.0000	2.0000	2.0000	2.0000
3	3.0000	3.0000	3.0000	3.0000
4	4.0000	4.0000	4.0000	4.0000
5	5.0000	5.0000	5.0000	5.0000
6	6.0000	6.0000	6.0000	6.0000
7	7.0000	7.0000	7.0000	7.0000
8	8.0000	8.0000	8.0000	8.0000
9	9.0000	9.0000	9.0000	9.0000
10	10.0000	10.0000	10.0000	10.0000
11	11.0000	11.0000	11.0000	11.0000
12	12.0000	12.0000	12.0000	12.0000
13	13.0000	13.0000	13.0000	13.0000
14	14.0000	14.0000	14.0000	14.0000
15	15.0000	15.0000	15.0000	15.0000
16	16.0000	16.0000	16.0000	16.0000
17	17.0000	17.0000	17.0000	17.0000
18	18.0000	18.0000	18.0000	18.0000
19	19.0000	19.0000	19.0000	19.0000
20	20.0000	20.0000	20.0000	20.0000



JOB # LOCATION DATE DWG # REV.
 DRAWN BY SCALE

1" LAYER OF INSULATION FACTORY INSTALLED ON TOP, SIDES AND BACK OF HOOD. MEETS 0 INCH REQUIREMENTS FOR CLEARANCE TO COMBUSTIBLE SURFACES

L55 SERIES ERG CANDY LIGHT FIXTURE - HIGH TEMP ASSEMBLY, INCLUDES CLEAR THERMAL AND SHOCK RESISTANT GLGBC (L55 FIXTURE)



SECTION VIEW - MODEL 3630ND-2
HOOD - #1

		CAPTIVEAIRE		JOB 9501 Suite Lake Shore Dr LOCATION BRANCO, FL	
				JOB # 2003258	
				DATE 4/14/2014	
				DRAWN BY PA3	
				REV.	
				SCALE 3/8" = 1'-0"	

HOOD INFORMATION Job# 2003258

REQ NO	TAG	MODEL	UNIT	QTY	UNIT PRICE	TOTAL PRICE	STATUS	REMARKS
3		3630	10	10	2469	24690	704 SS	ALL TAG ALLOW

HOOD INFORMATION

REQ NO	TAG	TYPE	QTY	UNIT PRICE	TOTAL PRICE	STATUS	REMARKS
4		Concrete Slat Filter	4	200	800	100	

HOOD OPTIONS

REQ NO	TAG	DESCRIPTION	QTY	UNIT PRICE	TOTAL PRICE	STATUS	REMARKS
1		3" X 18" WRAPERS	100	180	18000	100	
2		1" X 12" STAINLESS STEEL FILTER	1	400	400	100	
3		INSULATION FOR TOP OF HOOD	1	100	100	100	

ND-2 Series Specification

The model listed is an automatic only canopy hood rated for all types of cooking equipment. The hood must have the size, shape and performance specified on drawings.

Construction shall be type 430 stainless steel, with a 63 or 64 mesh when expanded. The manufacturer, ETL one NSF will determine the individual component materials used in the hood. The hood must be constructed to meet the NSF requirements for all components. All seams, joints and penetrations of the hood shall be welded to the lower outermost perimeter that affects and affects the hood's performance. The hood must be constructed with a minimum of 1/2" thick 304 L308 stainless steel. The hood shall be well type with a minimum of four connectors for major hose connections and have 3/8" holes to allow for master job connection by camera.

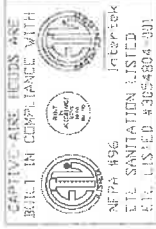
The hood shall be furnished with all stainless filters, including the stainless steel filter. The hood must have the fan motor and fan assembly. The fan's total length shall not be more than 6" in width.

The hood manufacturer shall supply complete electrical drawings and load line drawings. These drawings must be submitted to the engineer, architect and contractor for use in construction specifications and submittals.

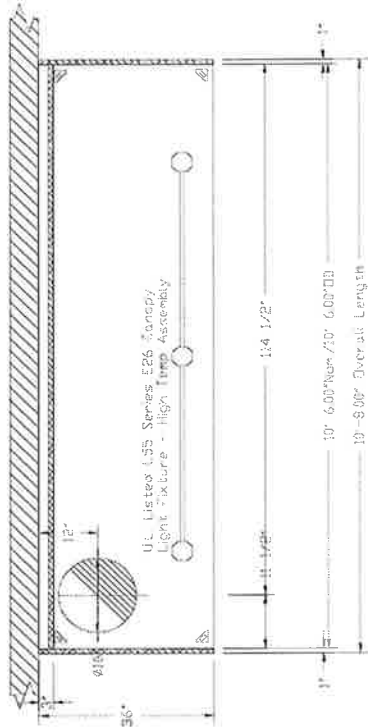
Exhaust duct shall be 4" High with 1" Flange. Duct shall be 1/2" thick. Pressure requirements shall be 1/2" static pressure. The hood must be constructed to meet the NSF requirements for all components. All seams, joints and penetrations of the hood shall be welded to the lower outermost perimeter that affects and affects the hood's performance. The hood must be constructed with a minimum of 1/2" thick 304 L308 stainless steel. The hood shall be well type with a minimum of four connectors for major hose connections and have 3/8" holes to allow for master job connection by camera.

UL Independent light fixtures and globes shall be provided and pre-wired to a junction box. The light fixtures shall be installed with a minimum of 4" clearance from the hood and above up to a 30" wall standard light tube.

The hood shall have a stainless steel front to eliminate contamination and increase safety. The hood shall have a removal method of 475 ST, NSF 1E, NSF requirements and be in accordance with NSF 99A and NSF 99B. The hood shall have a stainless steel front to eliminate contamination and increase safety. The hood shall have a removal method of 475 ST, NSF 1E, NSF requirements and be in accordance with NSF 99A and NSF 99B. The hood shall have a stainless steel front to eliminate contamination and increase safety. The hood shall have a removal method of 475 ST, NSF 1E, NSF requirements and be in accordance with NSF 99A and NSF 99B.



1" LAYER OF INSULATION FACTORY INSTALLED ON TOP, SIDES AND BACK OF HOOD MEETS 0 INCH REQUIREMENTS FOR CLEARANCE TO COMBUSTIBLE SURFACES



PLAN VIEW - HOOD #1
10' 6.00" LONG 3630ND-2

CUSTOMER APPROVAL TO MANUFACTURE:

Approved as Noted
 Approved with NO Exception Taken
 Review and Resubmit

SIGNATURE _____ Date _____
 Your Title _____



JOB 3501 Cullen Lake Shore Dr
 LOCATION ORLANDO, FL
 DATE 4/14/2014 JOB # 2003258
 DWG # 1 DRAWN BY PAB
 REV. SCALE 3/4" = 1'-0"

CERTIFICATE OF LIABILITY INSURANCE

OP ID: TT

DATE (MM/DD/YYYY)
03/31/14

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Fairchild, Addison & McKone P.O. Box 1030 Brandon, FL 33509-1030 Fairchild, Addison & McKone	CONTACT NAME: 813-681-4893 813-685-8610 PHONE (A/C, No. Ext): FAX (A/C, No): E-MAIL ADDRESS: PRODUCER CUSTOMER ID #: CONTA-2
INSURED Contemporary Air Service, Inc. Contemporary Assets, L C 1209 Seminola Blvd Casselberry, FL 32707	INSURER(S) AFFORDING COVERAGE INSURER A.: West American Insurance INSURER B.: INSURER C.: INSURER D.: INSURER E.: INSURER F.:

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADOL SUBR (INSR LTR)	POLICY NUMBER	POLICY EFF. DATE (MM/DD/YYYY)	POLICY EXP. DATE (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DEDUCTIBLE RETENTION \$		BKW54461252	06/04/13	06/04/14	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/POP AGG \$ 2,000,000 COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ EACH OCCURRENCE \$ AGGREGATE \$ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) if yes, describe under DESCRIPTION OF OPERATIONS below Y/N <input type="checkbox"/> N/A
A	Property Section		BKW54461252	06/04/13	06/04/14	E.L. DISEASE - POLICY LIMIT \$ per sched

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER

DEFIV-1

Vincent Defilippo
 3501 Cullen Lake Shore
 Orlando, FL 32812

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
 Fairchild, Addison & McKone

Tracy Spearman

ACORD 25 (2009/09)

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JEFF ATWATER
CHIEF FINANCIAL OFFICER

STATE OF FLORIDA
DEPARTMENT OF FINANCIAL SERVICES
DIVISION OF WORKERS' COMPENSATION

**** CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA WORKERS' COMPENSATION LAW ****

CONSTRUCTION INDUSTRY EXEMPTION

This certifies that the individual listed below has elected to be exempt from Florida Workers' Compensation law.

EFFECTIVE DATE: 8/12/2013 **EXPIRATION DATE:** 8/12/2015

PERSON: DEFILIPPO VINCENT

FEIN: 043664668

BUSINESS NAME AND ADDRESS:
CONTEMPORARY AIR SERVIC

1209 SEMINOLA BLVD
CASSELBERRY FL 32707

SCOPES OF BUSINESS OR TRADE:

HEATING, VENTILATION,
AIR-COND

Pursuant to Chapter 440.05(14), F.S., an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter. Pursuant to Chapter 440.05(12), F.S., Certificates of election to be exempt... apply only within the scope of the business or trade listed on the notice of election to be exempt. Pursuant to Chapter 440.05(13), F.S., Notices of election to be exempt and certificates of election to be exempt shall be subject to revocation if, at any time after the filing of the notice or the issuance of the certificate, the person named on the notice or certificate no longer meets the requirements of this section for issuance of a certificate. The department shall revoke a certificate at any time for failure of the person named on the certificate to meet the requirements of this section.

DFS-F2-DWC-252 CERTIFICATE OF ELECTION TO BE EXEMPT REVISED 07-12

QUESTIONS? (850)413-1609

Licensee Details

Licensee Information

Name: **DEFILIPPO, VINCENT WILLIAM (Primary Name)**
CONTEMPORARY AIR SERVICE INC (DBA Name)
Main Address: **1209 SEMINOLA BLVD**
CASSELBERRY Florida 32707
County: **SEMINOLE**

License Mailing:

LicenseLocation:

License Information

License Type: **Certified Air Conditioning Contractor**
Rank: **Cert Air**
License Number: **CAC1813311**
Status: **Current,Active**
Licensure Date: **07/12/2002**
Expires: **08/31/2014**

Special Qualifications
Class B
Construction Business

Qualification Effective
07/12/2002
02/20/2004

[View Related License Information](#)

[View License Complaint](#)

[1940 North Monroe Street, Tallahassee FL 32399](#) :: Email: **[Customer Contact Center](#)** :: Customer Contact Center: 850.487.1395

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