

**HOOD INFORMATION - JOB#4613860**

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM					HOOD CONFIG						
										WIDTH	LENG	HEIGHT	DIA	CFM	VEL	SP	MUA CFM	AC CFM	HOOD CONSTRUCTION	END TO END	ROW
1		5424 ND-2-ACPSP-F	CAPTIVEAIRE	5' 6"	600 DEG	I	HEAVY	200	1100			4'	10'	1100	2017	-0.659'	990	360	430 SS WHERE EXPOSED	ALONE	ALONE

**HOOD INFORMATION**

HOOD NO	TAG	TYPE	FILTER(S)			LIGHT(S)			UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING WEIGHT			
			QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	WIRE GUARD	LOCATION	SIZE	FIRE SYSTEM			SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY
1		CAPTRATE SOLID FILTER	4	20"	16"	85% SEE FILTER SPEC	2	L55 SERIES E26	NO	LEFT	12"x54"x24"	ANSUL R102	3.0	SC-211110FP	1 LIGHT 1 FAN	YES	568 LBS

**HOOD OPTIONS**

HOOD NO	TAG	OPTION
1		FIELD WRAPPER 18.00" HIGH FRONT, LEFT, RIGHT. BACKSPLASH 110.00" HIGH X 214.00" LONG 430 SS VERTICAL. LEFT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS. RIGHT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS. SENSOR-CV.

**PERFORATED SUPPLY PLENUM(S)**

HOOD NO	TAG	POS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)				
							WIDTH	LENG	DIA	CFM	SP
1		Front	78"	24"	6"	MUA	12"	16"		495	0.169'
						MUA	12"	16"		495	0.169'
						AC	6"	16"		180	0.051'
						AC	6"	16"		180	0.051'

**PATENT NUMBERS**

AC-PSP (UNITED STATES) - US PATENT 7963930 B2.  
AC-PSP WALL (CANADA) - CA PATENT 2820309.  
AC-PSP ISLAND (CANADA) - CA PATENT 2920330.

**SPECIFICATION: CAPTRATE® GREASE-STOP® SOLID FILTER**

THE CAPTRATE GREASE-STOP SOLID FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE S-Baffle DESIGN IN CONJUNCTION WITH A SLOTTED REAR Baffle DESIGN, TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.

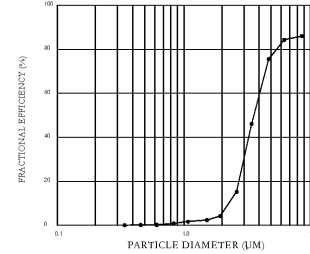
FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD 2-INCH DEEP HOOD CHANNEL(S).

UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO COMPONENTS WHEN ASSEMBLED.

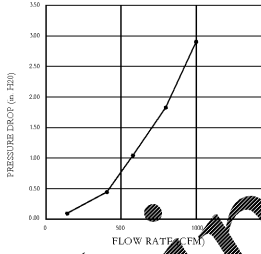
GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL REMOVE AT LEAST 75% OF GREASE PARTICLES FIVE MICRONS IN SIZE, AND 85% GREASE PARTICLES SEVEN MICRONS IN SIZE AND LARGER, WITH A CORRESPONDING PRESSURE DROP NOT TO EXCEED 1.0 INCHES OF WATER GAUGE.

THE CAPTRATE GREASE-STOP SOLID WAS TESTED TO ASTM STANDARD ASTM F2519-05. MANUFACTURER APPROVED FOR USE IN SOLID FUEL APPLICATIONS AS A SPARK ARRESTER.

EFFICIENCY VS. PARTICLE DIAMETER



PRESSURE DROP VS. FLOW RATE



CAPTRATE FILTERS ARE BUILT IN COMPLIANCE WITH:  
NFPA #96,  
NSF STANDARD #2,  
UL STANDARD #1046,  
INT. MECH. CODE (CMC),  
ULC-S649.



**REVISIONS**

DESCRIPTION	DATE

**CAPTIVEAIRE**

1305 Pacific Ave, Everett, WA, 98201 PHONE: (425) 212-5698 FAX: (425) 212-5699 EMAIL: reg@capveaire.com

7Eleven #41795 Ocala FL  
MARICAMP RD & CEDAR RADIAL,  
Ocala, FL, 34475

DATE: 12/11/2020  
DWG.#: 4651405  
DRAWN BY: A\_CASH 85  
SCALE: 3/4" = 1'-0"  
MASTER DRAWING

SHEET NO. 1

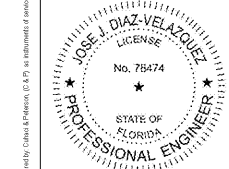
1925 Prospect Ave.  
Orlando, FL 32814  
P (407) 661-9100  
P (407) 661-9101  
www.cp.com  
Florida Corporate Certificate #AA C006256

**Cuhaci & Peterson**  
Architects Engineers Planners

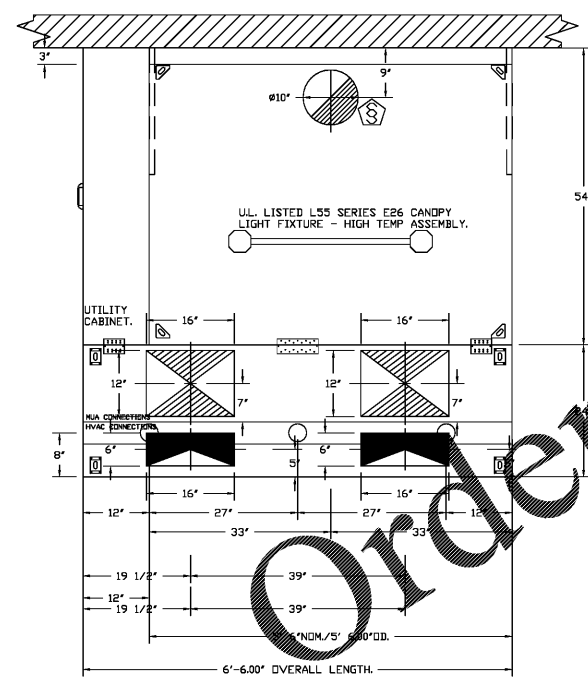
CLIENT NAME  
**BLACKFIN PARTNERS INVESTMENTS, INC.**  
4400 PCA BLVD, SUITE 600  
PALM BEACH GARDENS, FL 33410

PROJECT NAME  
**7-ELEVEN #41795 - OCALA, FL**  
9000 BLOCK OF SE MARICAMP ROAD  
OCALA, FL 34470

SHEET TITLE  
**KITCHEN EXHAUST SUBMITTALS**

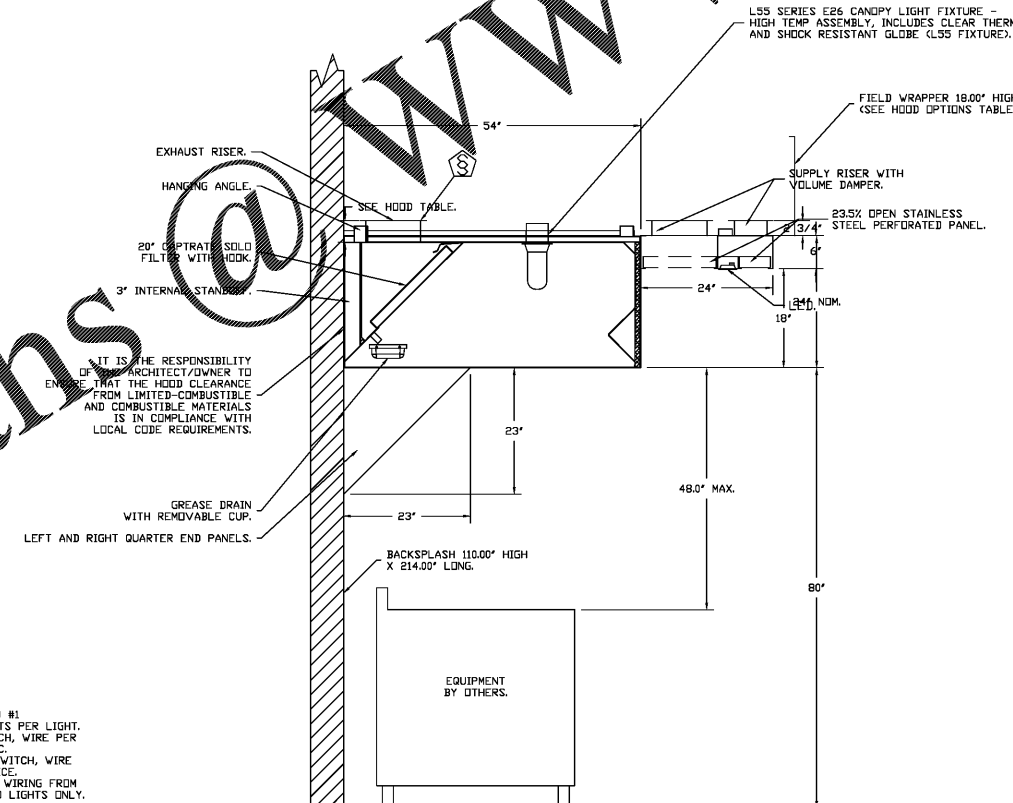


PROJECT NO.	DATE	DRAWN	CHECKED
2200355	12/17/2020	FD	JD

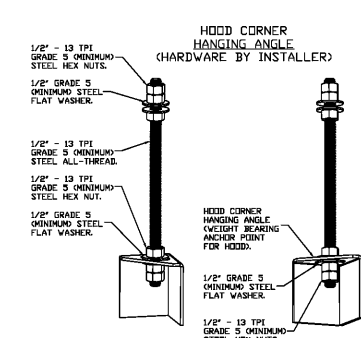


PLAN VIEW - HOOD #1  
5' 6.00" LONG 5424ND-2-ACPSP-F  
ACPSP SHIPS LOOSE FOR FIELD INSTALLATION

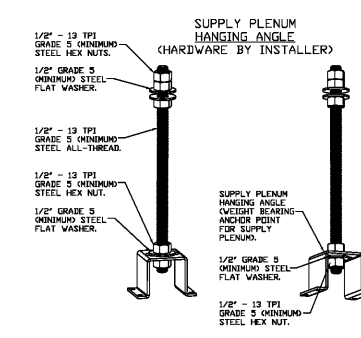
LIGHTING FOR ACPSP JOB # 4613860 - HOOD #1  
INPUT: 120V AC, 1 PHASE, 50/60HZ, 35 WATTS PER LIGHT.  
TO CONTROL LIGHTS WITH HOOD LIGHT SWITCH, WIRE PER HOOD ELECTRICAL CONTROL PANEL SCHEMATIC.  
TO CONTROL LIGHTS WITH BUILDING LIGHT SWITCH, WIRE BLACK AND WHITE WIRE TO A 120VAC SERVICE.  
END TO END ACPSPS REQUIRE 120VAC FIELD WIRING FROM J-BOX TO J-BOX. REPLACE LIGHTS WITH LED LIGHTS ONLY.



SECTION VIEW - MODEL 5424ND-2-ACPSP-F  
HOOD - #1



**ASSEMBLY INSTRUCTIONS**  
HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



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THIS DRAWING IS PROVIDED BY THE HOOD CONSULTANT. IT IS PROVIDED FOR THE INSTALLATION AND COORDINATION PURPOSES. THIS DRAWING IS PART OF THE CONTRACT SET OF DOCUMENTS. CONTACT CAPTIVE AIR AVERY CASH FOR ORDERING INFORMATION 425-212-5996

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