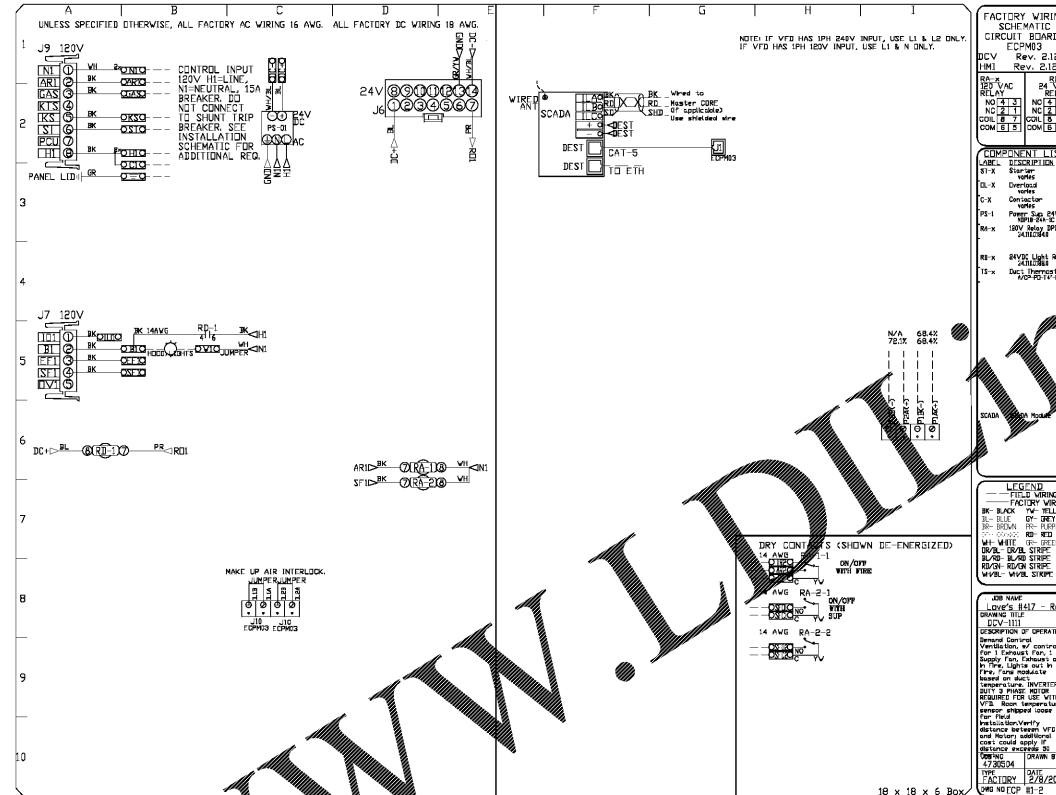
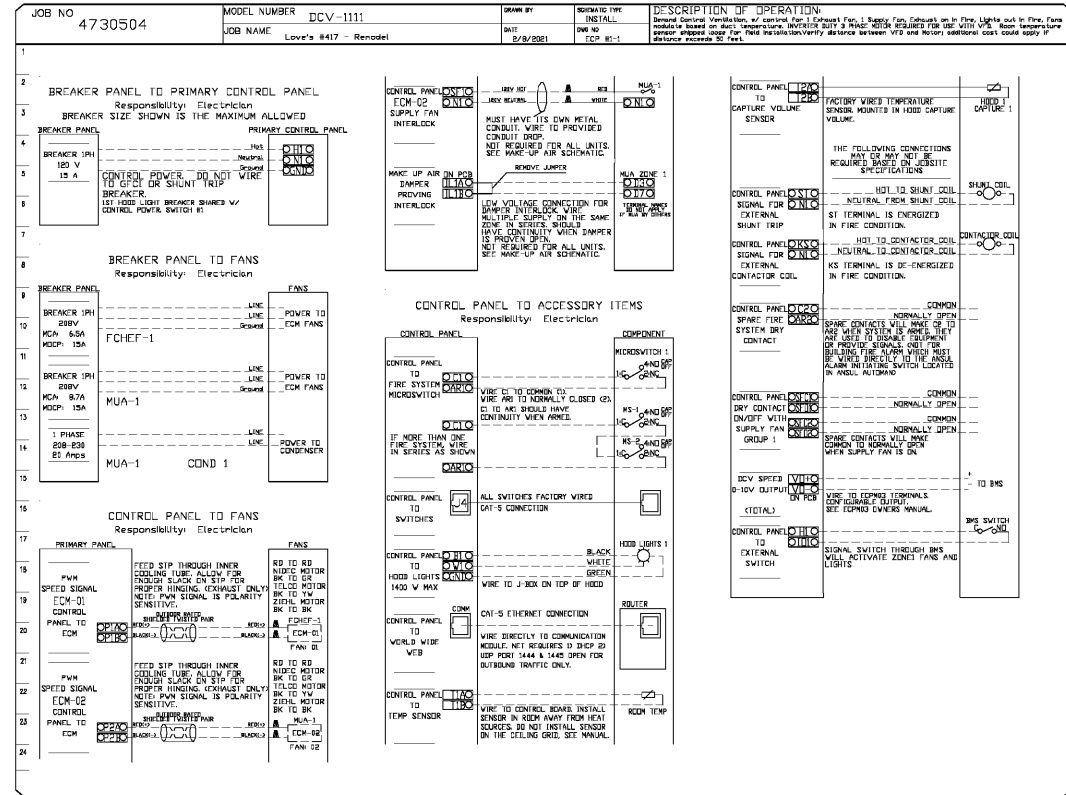


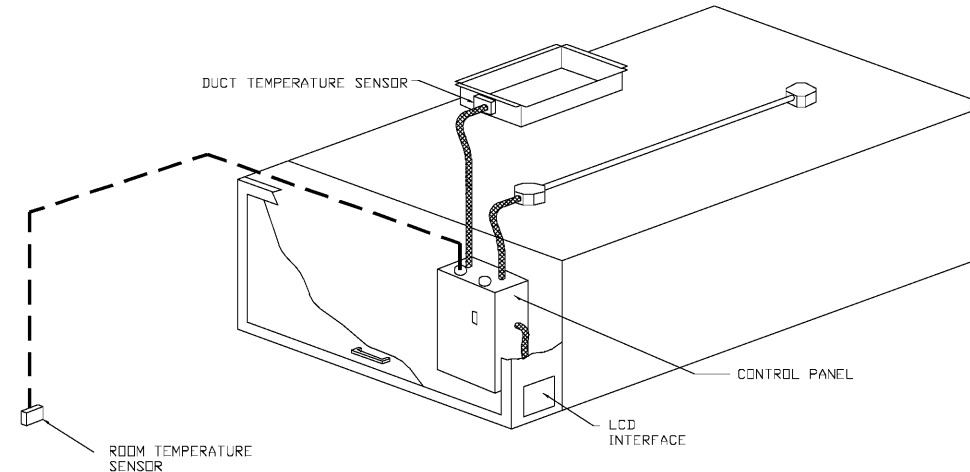
ELECTRICAL PACKAGE - JOB#4730504

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED					
				LOCATION	QUANTITY		FAN TAG	TYPE	Ø	HP	VOLT	FLA
1	FDH-1	DCV-1111	UTILITY CABINET LEFT	03 - UTILITY CABINET LEFT HOOD # 1	1 LIGHT	SMART CONTROLS DCV	FCHEP-1	EXHAUST	1	0.750	208	5.2
							MUA-1	SUPPLY	1	1.000	208	6.9



Hood Control Panel Specifications:

- Control panel shall be listed to UL standard UL508A.
- The control enclosure shall be NEMA 1 rated and listed for installation inside of the exhaust hood utility cabinet. The control enclosure may be constructed of stainless steel or painted steel.
- Temperature probe(s) located in the exhaust duct riser(s) shall be constructed of stainless steel.
- A digital thermostat controller, listed to UL standard UL61010-1, shall be provided to activate the hood exhaust fans dynamically based on a +10 degree adjustable offset from the room temperature sensor. This function shall meet the requirements of IMC 507.2.1.
- A digital thermostat controller shall provide adjustable hysteresis settings to prevent cycling of the fans after the cooking appliances have been turned off and the heat in the exhaust system is reduced.
- A digital thermostat controller shall provide an adjustable minimum fan run-time setting to prevent fan cycling.
- A digital thermostat controller shall disable the supply fan(s), activate the exhaust fan(s), activate the appliance shunt trip, and disable an electric gas valve automatically under the following conditions (as applicable):
 - Fire condition detected on a covered hood.
 - Excessive temperature detected on any duct temperature sensor in the system (250 F adjustable)
- A digital thermostat controller shall allow for external BMS fan control via dry contact (external control shall not override fan operation logic as required by code).
- An LCD interface shall be provided with the following features:
 - On/Off push button fan & light switch activation
 - Integrated gas valve reset for electronic gas valves (no reset relay required)
 - Fan starter overload trip detection with audible & visual alarm notification.
 - Temperature sensor failure/mis-wiring detection with audible & visual alarm notification
 - A single low voltage Cat-5 RJ45 wiring connection



GOD FATHER'S: HOOD CABINET FOR THIS JOB IS ON LEFT SIDE
 CHESTER'S: HOOD CABINET FOR THIS JOB IS TOP MOUNTED

**** Below Work to be performed by factory trained and TAB certified servicing agent: ****
 - Verify that all components are installed correctly and are in accordance with as built drawings
 - All equipment to be commissioned per start-up procedures in O&M documents
 - Check fan rotation, belt tension, blower and motor rpm, amperage and adjust if necessary
 - Hood / Fans test and balance worksheet and provide to the Mechanical Engineer
 - Verify and adjust equipment to assure hood captures correctly and features perform as designed
 - Consult with contractors and answer their questions or direct them to the technical support line
 - Provide guidance on the proper function and maintenance of equipment to Owners or General Contractors
 - Complete Manufacturers Start-up and Warranty form and send copy to Mechanical Engineer for their files

REVISIONS

NO.	DESCRIPTION	DATE
1		
2		
3		
4		

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 12101 East 51st Street, Suite 101A, Tulsa, OK, 74146 PHONE: (918) 258-0291 FAX: (918) 227-5947 EMAIL: reg@ldilline.com

Love's #417 - Remodel
 3150 Grant Street,
 Gary, IN, 46408

DATE: 2/8/2021
DWG.#: 4730504
DRAWN BY: RJH-80
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO.
 6