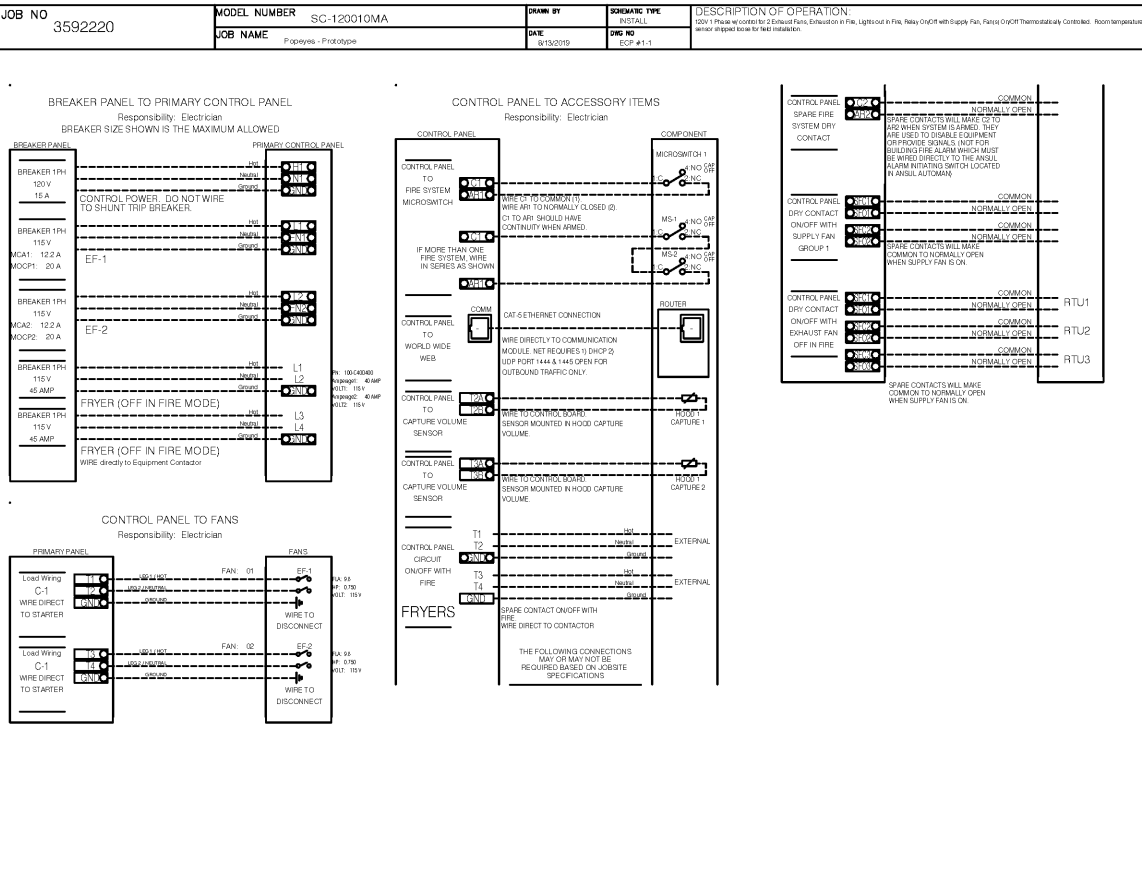


ELECTRICAL PACKAGE - Job#3592220

NO.	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED					
				LOCATION	QUANTITY		FAN TAG	TYPE	Ø	H.P.	VOLT	FLA
1		SC-120010MA	Wall Mount In SS Box	05 - SS Wall Mount Box	1 Fan	Smart Controls Thermostatic Control w/ Relay On/Off with Supply	EF-1	Exhaust	1	0.750	115	9.8
							EF-2	Exhaust	1	0.750	115	9.8



The Electrical Package is designed to thermostatically activate the exhaust fans for an exhaust hood whenever elevated temperatures are sensed in the exhaust system. This option meets the requirements of MAC 507.2.1.1 by providing a thermostatically mounted in the duct or hood rise to sense increased exhaust temperatures. Controls shall be labeled by ETL, UL, ENEC. The control enclosure shall be NEMA 1 rated and listed for installation inside of the exhaust hood/utility cabinet. The control enclosure will be constructed of stainless steel.

Temperature probe(s) located in the duct riser shall be constructed of stainless steel. A room temperature sensor is built into the hood control panel in order to start the fan(s) based on the temperature differential between the room and the exhaust air in the duct, rather than fixed setpoints. The system is factory pre-set to activate the fans at 15 deg F above the room temperature.

Once the duct temperature reaches the activation point, the exhaust fans will be activated. The controls also provide hysteresis to prevent cycling of the fans after the cooking appliances have been turned off and the heat in the exhaust system is reduced. The hysteresis is factory set at 2 degrees and will keep the exhaust running until the temperature has 2 degrees below the activation setpoint. A hysteresis timer also exists to keep the fans running for at least 20 min after being activated by the temperature rise.

The activation and hysteresis settings may be field adjusted on the board LCD interface located inside the control panel enclosure to meet application needs.

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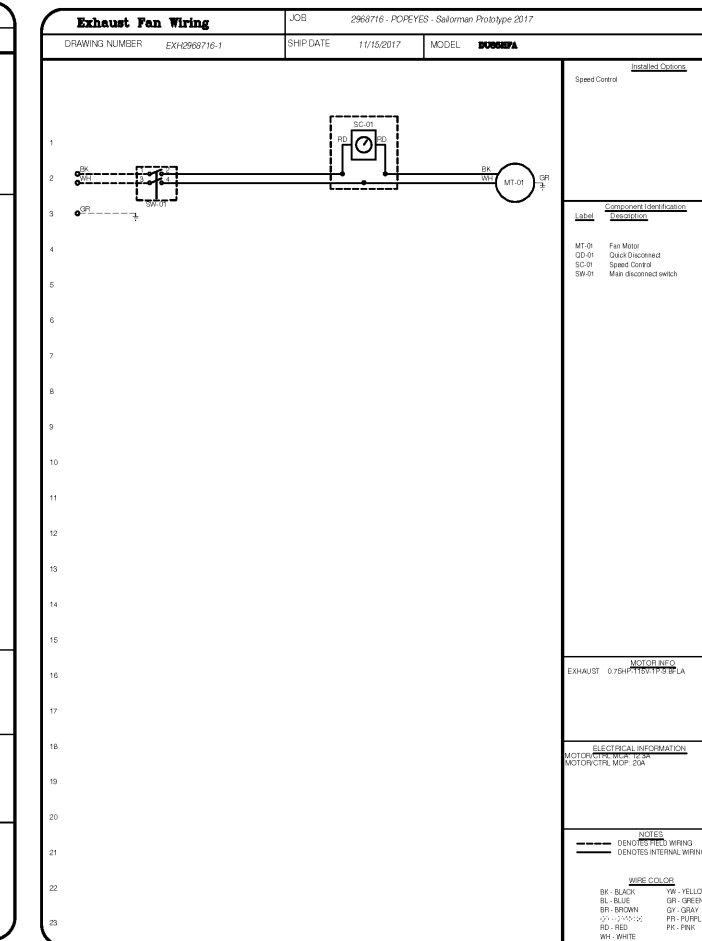
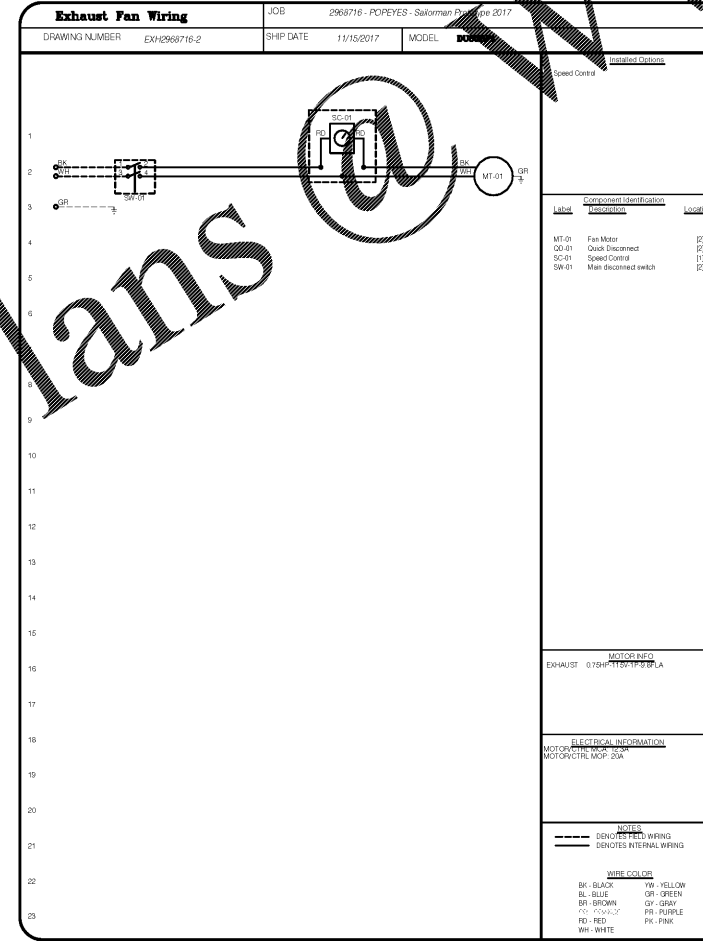
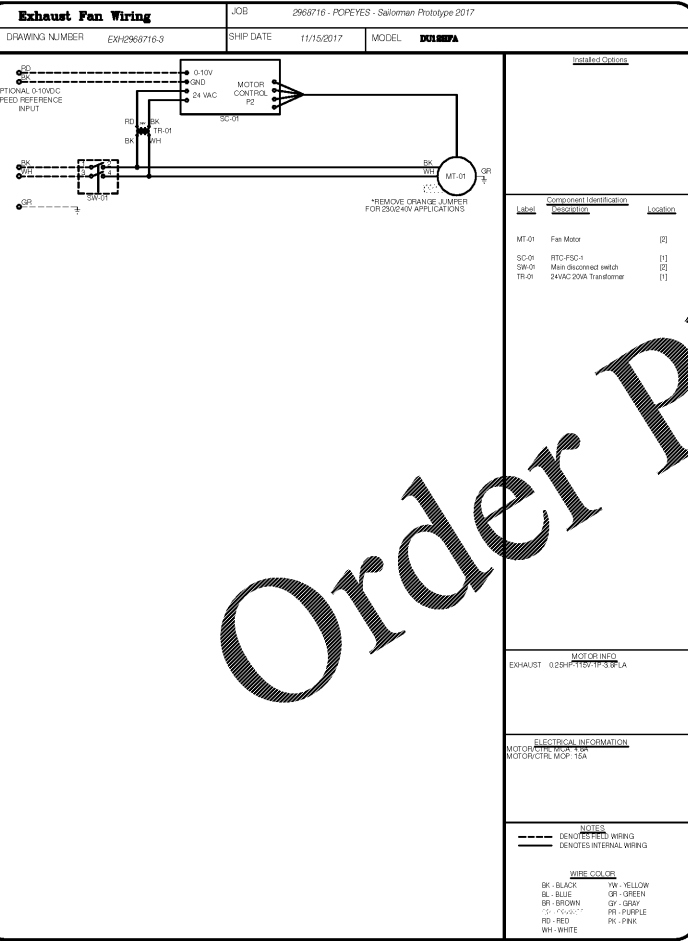
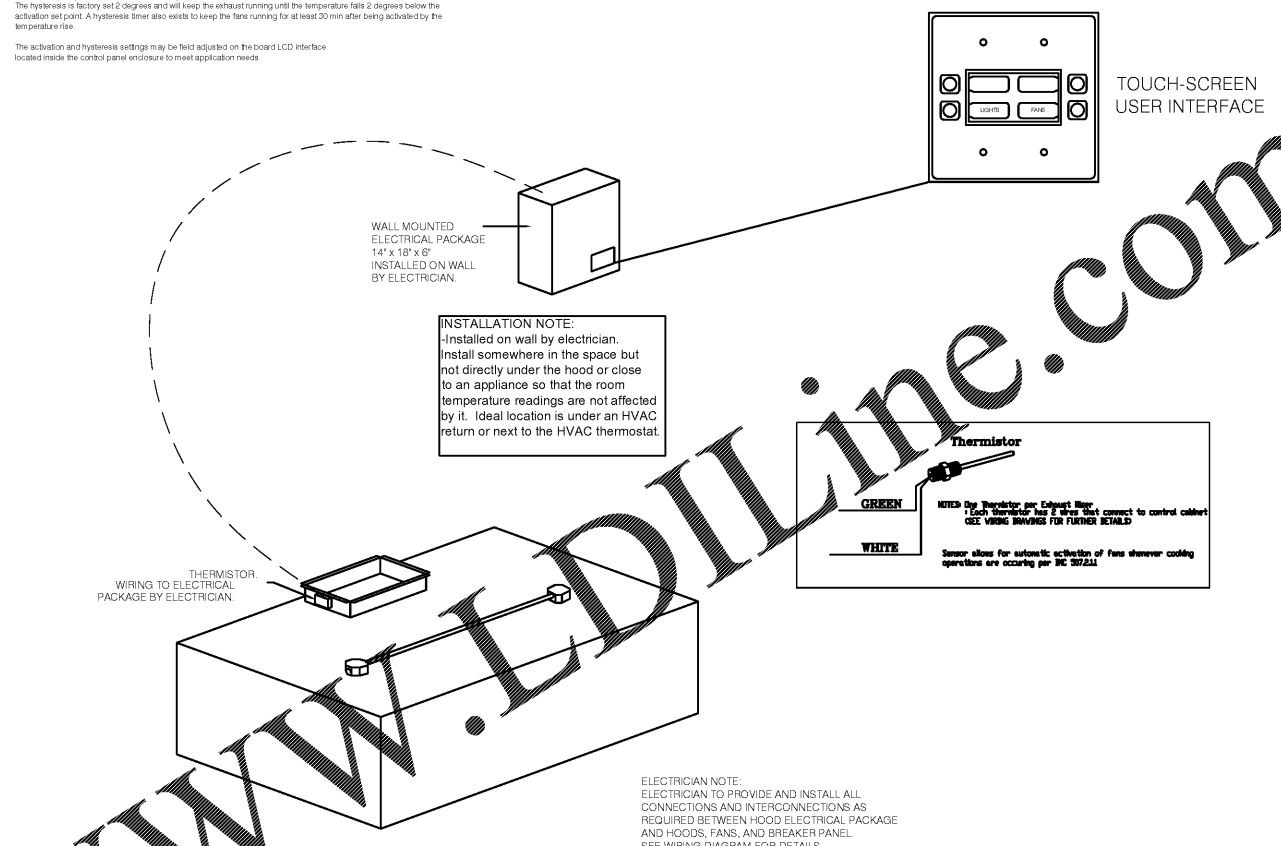
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GENERAL NOTE:
 CAPTIVE AIR SHOWN AS BASIS OF DESIGN.
 NO SUBSTITUTIONS ALLOWED.

REVISIONS

NO.	DESCRIPTION	DATE

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 EMAIL: tim.anderson@captiveline.com
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PROJECT NAME: PLK 1930-28-DL SAILORMEN
 501 N HWY 49, BRYAN, GA 30808

DATE: 11/15/2017
DWG.#: 2968716
DRAWN BY: landers
SCALE: 3/4" = 1'-0"
MASTER DRAWING
SHEET NO.:

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 BLDG M-1, UNIT 231
 2050 COUNTY ROAD 30A
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 Facsimile: (561) 991-9829

ARCHITECT ENGINEER
 CAPTIVE AIR SHOWN AS BASIS OF DESIGN.
 NO SUBSTITUTIONS ALLOWED.

ROBERT W. CASE
 GEORGIA PE #202694

RELEASE

NO.	DATE
1	
2	
3	
4	
5	
6	

PROJECT NO.: 2020-085
ISSUE DATE: 05/07/20
DRAWN | **CHECKED**
 | CS

SHEET NO.: M3.4
PANEL - HVAC INTERLOCK AS PER NFPA-96

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