

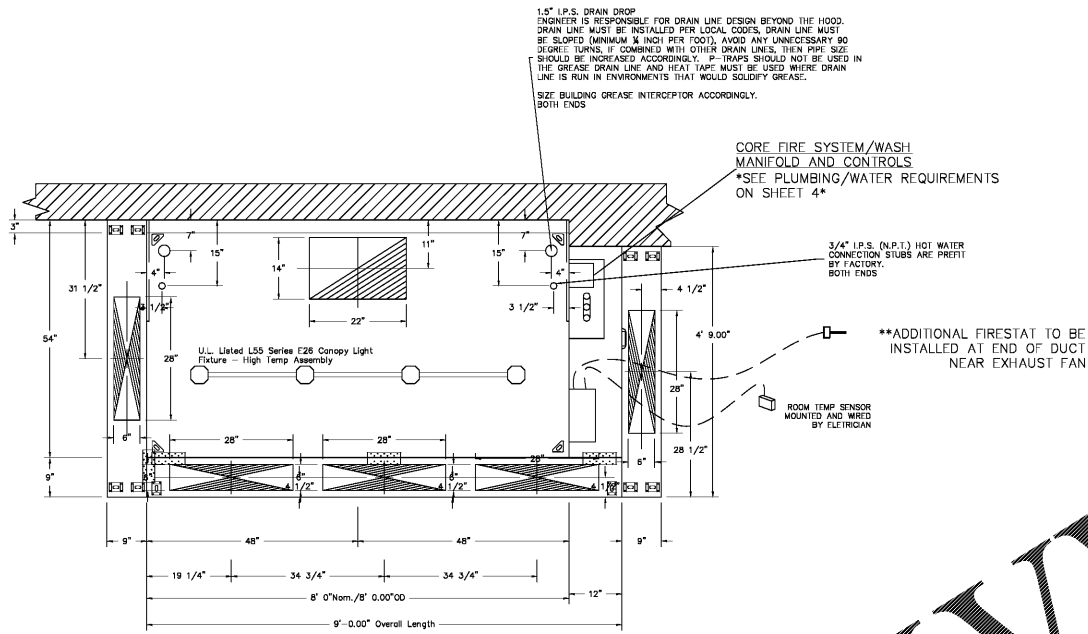
project address | name  
client

designers  
job status

revisions

seal

sheet number | title

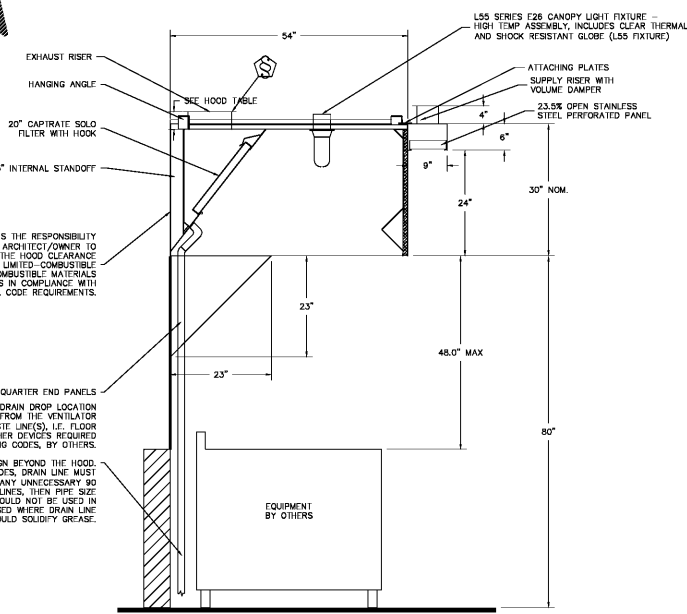


PLAN VIEW - Hood #3 (GRILL)  
8' 0.00" LONG 5430ND-2-PSP-FSS

**CORE PROTECTION FIRE SYSTEM SPECIFICATION**

The CORE restaurant fire suppression system is a pre-engineered, duct and plenum water spray system in conjunction with a wet chemical, cartridge operated, regulated pressure type with a fixed nozzle agent distribution network. It is listed with ETL to UL Standard 300. The system is capable of automatic detection and actuation and/or remote manual actuation. The detection portion of the fire suppression system allows for automatic detection by means of an electric thermal detector located in the hood duct connection. The FSF-103 Pull station is provided to allow for manual activation of the fire system. A Microprocessor based control board supervises all devices that are critical for proper operation. This includes the ductwork sensors, manual pull station, cartridge operated releases. Also, the control board monitors all additional CORE protection system and will alert the user if any one device encounters an issue. With the electric detection, a battery backup system is provided. The battery powers the automatic detection and pull station circuits as well as monitoring those devices.

The CORE Protection Fire System is ETL listed under Report number 3132231SAT-004; meets requirements of NFPA 96 (Standard for Installation of Equipment for the Removal of Smoke and Grease Laden Vapors from Commercial Cooking Equipment); NFPA 17A (Standard on Wet Chemical Extinguishing Systems).



SECTION VIEW - MODEL 5430ND-2-PSP-FSS  
HOOD - #3 (GRILL)

REVISIONS	
DESCRIPTION	DATE

**CAPTIVE**  
Piedmont Area Office  
6303 Camel Road, Suite #105, Charlotte, NC 28226 PHONE: (704) 844-8888 FAX: (919) 227-5852 EMAIL: rpg3@captivedesign.com

FIREBIRDS - PEACHTREE CORNERS, GA  
NORCROSS, GA, 30071

DATE: 12/6/2017  
DWG.#: 3112818  
DRAWN BY: evon.zipperer  
SCALE: 3/4" = 1'-0"  
MASTER DRAWING

SHEET NO. 2

CONSTRUCTION DOCUMENTS  
5/10/2018

No.	Description	Date

Steven A. Starr, AIA  
Lic. #  
Signature Date:  
Date of expiration:

HOOD MANUFACTURER SHOP DRAWINGS  
**QF702**

Order Plans @

WWW.LDILLING.COM