

OVERVIEW

TYPICALLY THE EXHAUST HOOD KIT PROVIDED BY FRANK FOODSERVICE SYSTEMS WILL INCLUDE THE FOLLOWING:

- HOOD AND ACCESSORIES
- METAL FAB UL LISTED GREASE EXHAUST DUCT
- LOREN COOK EXHAUST FAN
- AMEREX FIRE SYSTEM

THE SHIPMENT FROM FRANK FOODSERVICE SYSTEMS WILL INCLUDE THE FOLLOWING:

- HOOD
- UTILITY CHASE
- WALL FLASHING
- FACED PANELS
- CASCADE GREASE FILTERS
- METAL FAB GREASE EXHAUST DUCT

THE LOREN COOK EXHAUST FAN AND ROOF CURB IS DROPPED SHIPPED FROM THEIR FACTORY.

FIRE SUPPRESSION SYSTEM
THE HOOD HAS BEEN FACTORY PRE-PIPED FOR AN AMEREX FIRE SUPPRESSION SYSTEM. THE HOOD KIT FROM FRANK FOODSERVICE SYSTEMS INCLUDES COMPLETE INSTALLATION OF THE FIRE SUPPRESSION SYSTEM INCLUDING ALL PLANS, PERMITS, CHECK OUT AND COMMISSION. THE LOCAL AMEREX REPRESENTATIVE WILL BRING ALL THE SYSTEM COMPONENTS AT THE TIME OF INSTALLATION.

AS AN OPTION, THE HOODS MAY BE PRE-PIPED FOR ANSUL FIRE SUPPRESSION SYSTEM.

CONTACT INFORMATION

ANSUL INSTALLATION QUESTIONS

ANSUL, INC. MARINETTE, WI
OFFICE PHONE: 1-800-882-8788

① GENERAL NOTES FOR INSTALLATION CREWS
SCALE: NO SCALE

CONTACT INFORMATION

SHIPPING INFORMATION

FOR ALL FRANK HOOD PARTS - MARA ALDAY
FRANK FOODSERVICE SYSTEMS, INC.
800 AMEREX PARKWAY
SUNNYVALE, TN 37167
+1-615-462-4000

HOOD INSTALLATION QUESTIONS

FRANK FOODSERVICE SYSTEMS, INC. TECHNICAL SUPPORT
PHONE - 1-800-837-2883 OPTION 2
FAX - 1-615-462-3471
E-MAIL - FS-TS.US@FRANK.COM

AMEREX INSTALLATION QUESTIONS

THE HOOD IS FACTORY PRE-PIPED FOR AN AMEREX FIRE SUPPRESSION SYSTEM. THE LOCAL AMEREX DISTRIBUTOR WILL MAKE CONTACT WITH THE GENERAL CONTRACTOR TO SET UP THE INSTALLATION SCHEDULE. IF YOU HAVE NOT HEARD FROM THE DISTRIBUTOR, CONTACT:

KAREN MAHON
AMEREX CORPORATION, TRUSSVILLE, AL
1-205-655-8730

LOREN COOK FAN INSTALLATION

IF THERE ARE QUESTIONS OR ISSUES WITH THE LOREN COOK FAN INSTALLATION CONTACT:

DAVID RAY
LOREN COOK COMPANY, SPRINGFIELD, MO
1-417-688-8474

METAL-FAB DUCT INSTALLATION

IF THERE ARE QUESTIONS OR ISSUES WITH THE METAL-FAB DUCT INSTALLATION CONTACT:

METAL FAB, INC. WICHITA, KS
COMMERCIAL SERVICE, COMMERCIAL VENT PRODUCTS
1-800-838-2820

FRYER HOOD LISTING AND APPROVAL REFERENCE



② LISTINGS AND APPROVALS
SCALE: NO SCALE

INTERTEK TESTING SERVICES, INC.

FRYER HOOD IS E.T.L. LISTED EXHAUST HOODS WITHOUT EXHAUST DAMPERS, REPORT NO. 3188208. TESTED UNDER IN ACCORDANCE WITH UNDERWRITERS LABORATORIES STANDARDS UL710 AND ULCS848.

NATIONAL FIRE PROTECTION ASSOCIATION

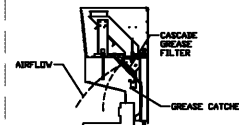
FRYER HOOD MEETS ALL REQUIREMENTS OF NFPA-98 "STANDARD FOR VENTILATION EQUIPMENT AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS"

NATIONAL SANITATION FOUNDATION

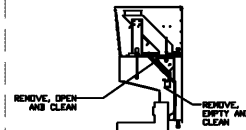
MEETS ALL REQUIREMENTS OF NSF STANDARD NUMBER 2 "FOOD SERVICE EQUIPMENT"

MECHANICAL CODES

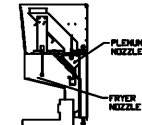
MEETS ALL REQUIREMENTS OF THE UMC, BOCA, SBCCI AND IMC.



GREASE EXTRACTION
THE FRANK VENTILATOR HOOD MODEL 180000N EXTRACTS UP TO 80% OF THE MECHANICALLY EXTRACTED GREASE PARTICLES FROM THE AIR STREAM BY CENTRIFUGAL FORCE. THIS IS ACCOMPLISHED BY USING FRANK'S STAINLESS STEEL CASCADE FILTERS, WHICH INCORPORATE A SERIES OF CONICAL FILTERS. AS THE AIR STREAM PASSES THROUGH THE CASCADE FILTERS, IT IS FORCED TO MAKE A SERIES OF 90 DEGREE TURNS AGAINST THE SURFACES FORMING THE HEAVIER-THAN-AIR PARTICLES TO BE THROWN OUT OF THE AIR STREAM BY CENTRIFUGAL FORCE. THE GREASE TRAPS DOWN FROM THE FILTERS INTO THE GREASE TRAP AND INTO THE GREASE COLLECTOR CUP.



CLEANING
AT THE END OF EACH DAY AFTER THE FRYER HAS BEEN SHUT OFF, THE GREASE FILTERS ARE REMOVED FROM THE HOOD. THEY ARE THEN OPENED AND CLEANED, CLOSED AND REPLACED WITHOUT THE USE OF TOOLS. THE CASCADE FILTERS ARE WASHED DOWN AND LOADED IN WASHERS THAT HAVE ACCESS FOR CLEANING. THE GREASE TRAPS ARE ALSO REMOVED, CLEANED AND REPLACED.



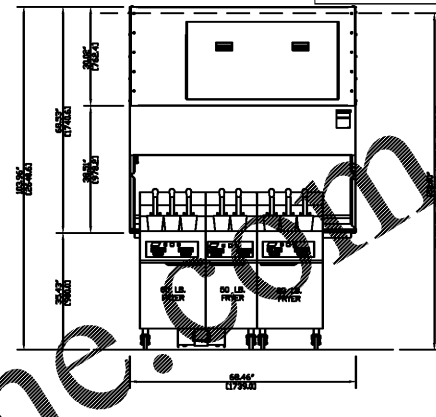
FIRE SUPPRESSION
THE FRANK VENTILATOR HOOD MODEL 180000N IS FACTORY PRE-PIPED FOR AN ANSUL OR AMEREX FIRE SUPPRESSION SYSTEM. THESE ARE ONE ANSUL AND TWO AMEREX FIRE SUPPRESSION SYSTEMS. EACH SYSTEM IS PROTECTED EACH WITH ONE FOR THE MAINLINE AND ONE FOR THE BACK. THE ANSUL OR AMEREX FIRE SUPPRESSION SYSTEM IS LISTED AND TESTED IN ACCORDANCE WITH UL94 AND NFPA-96.

GENERAL SPECIFICATIONS

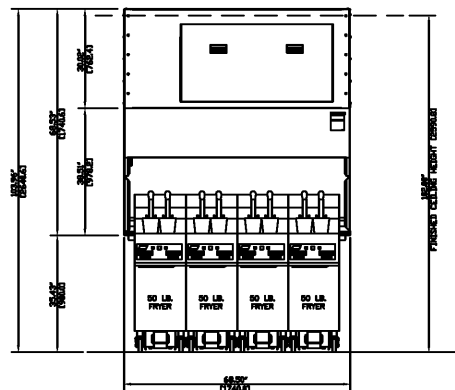
THE FRANK HOOD SYSTEMS ARE DESIGNED SPECIALLY FOR THE USE WITH FRYERS. THE HOOD IS 18 INCH DEEP, 24 INCH WIDE, 18 INCH HIGH. GREASE EXTRACTOR (USING FRANK'S CASCADE FILTERS) BRINGS A GREASE EXTRACTION EFFICIENCY OF UP TO 80%. THE GREASE FILTERS ARE CONSTRUCTED OF STAINLESS STEEL AND ARE EASILY REMOVED AND CLEANED. THE HOOD IS CONSTRUCTED OF 18 GAUGE STAINLESS STEEL TYPE 304 NUMBER 1 FINE, AND IS PRE-PIPED FOR ANSUL OR AMEREX FIRE SUPPRESSION SYSTEM. ALL CHANGES TO THE HOOD MUST BE MADE IN ACCORDANCE WITH THE HOOD IS LISTED TO UL710 AND ULCS848. REQUIREMENTS OF THE NSF MEETS ALL REQUIREMENTS OF NFPA-96.

FINISHES
LOWER: #8 1/2" (1725mm) HORIZONTAL RIBS
UPPER: #4" (1016mm) HORIZONTAL RIBS
FLOOR TO BOTTOM FRONT UP
FRONT: #800 LINE (203.18 mm)

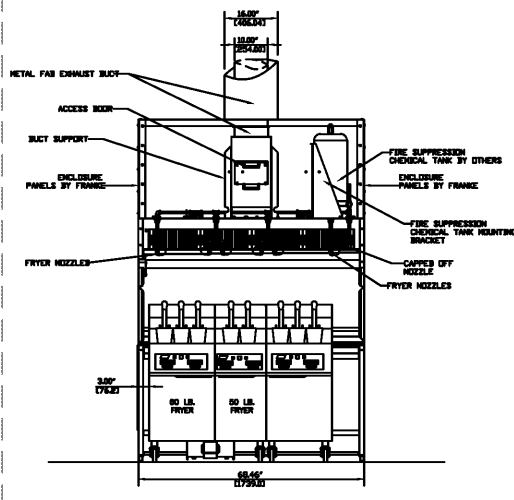
DRAWING INFORMATION		
DATE	DESCRIPTION	BY
10-28-20	PERMIT SET	JW



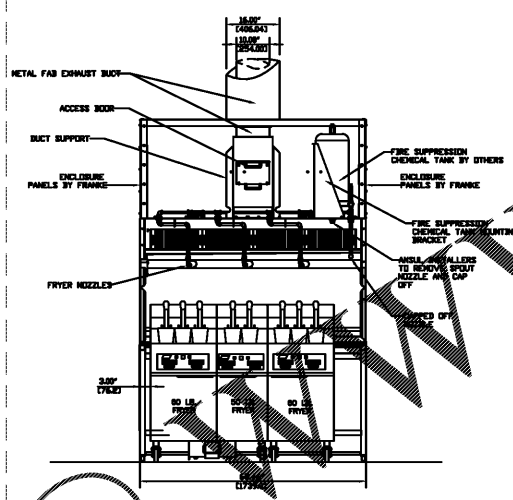
③ PREFERRED FRYER CONFIGURATION FRONT ELEVATION
SCALE: NO SCALE



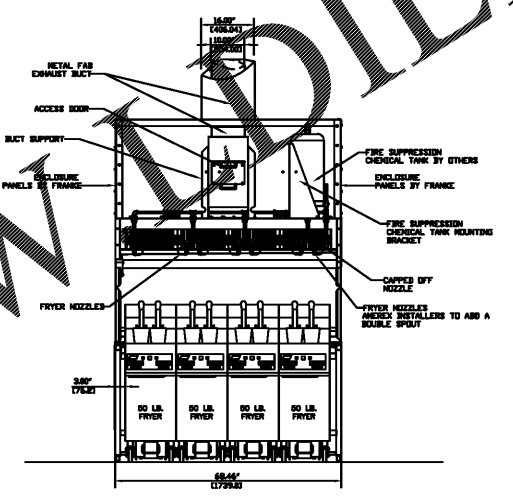
⑤ OPTIONAL FRYER CONFIGURATION FRONT ELEVATION
SCALE: NO SCALE



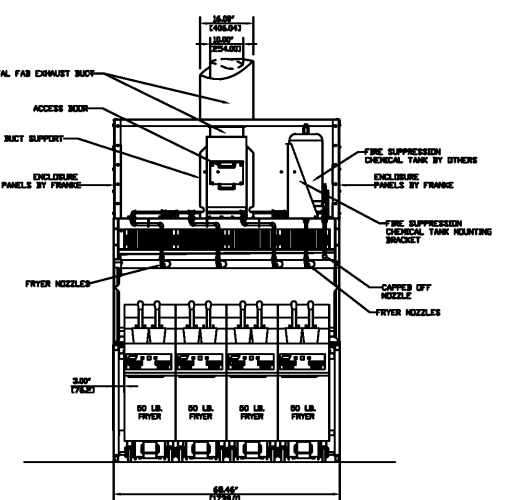
⑥ PREFERRED FRYER CONFIGURATION FRONT ELEVATION FIRE SUPPRESSION DETAIL - AMEREX
SCALE: NO SCALE



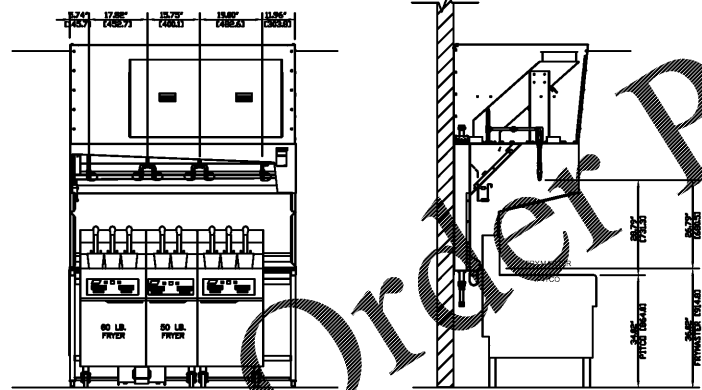
⑦ PREFERRED FRYER CONFIGURATION FRONT ELEVATION FIRE SUPPRESSION DETAIL - ANSUL
SCALE: NO SCALE



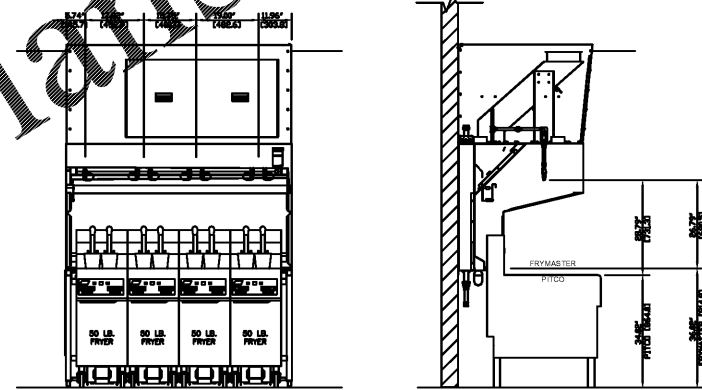
⑧ OPTIONAL FRYER CONFIGURATION FRONT ELEVATION FIRE SUPPRESSION DETAIL - AMEREX
SCALE: NO SCALE



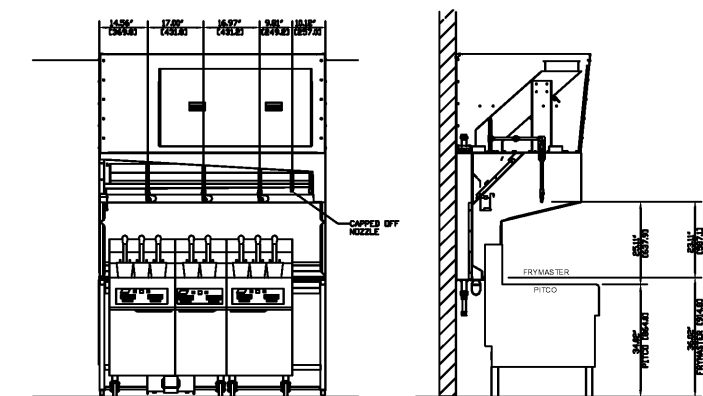
⑨ OPTIONAL FRYER CONFIGURATION FRONT ELEVATION FIRE SUPPRESSION DETAIL - ANSUL
SCALE: NO SCALE



⑩ AMEREX FIRE SUPPRESSION PIPING DETAIL - PREFERRED FRYER CONFIGURATION
SCALE: NO SCALE



⑪ AMEREX FIRE SUPPRESSION PIPING DETAIL - OPTIONAL FRYER CONFIGURATION
SCALE: NO SCALE



⑫ ANSUL FIRE SUPPRESSION PIPING DETAIL - PREFERRED FRYER CONFIGURATION
SCALE: NO SCALE

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NCA JOB# E0963

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3765 ROOSEVELT HWY, PALMETTO, GA.
FOR: JP DESIGN & CONSTRUCTION
JACKSON, GA

REVISIONS



SHEET TITLE
HOOD DETAILS

DATE: 10-30-20
PROJECT NUMBER: 20-197

SHEET NUMBER
M7