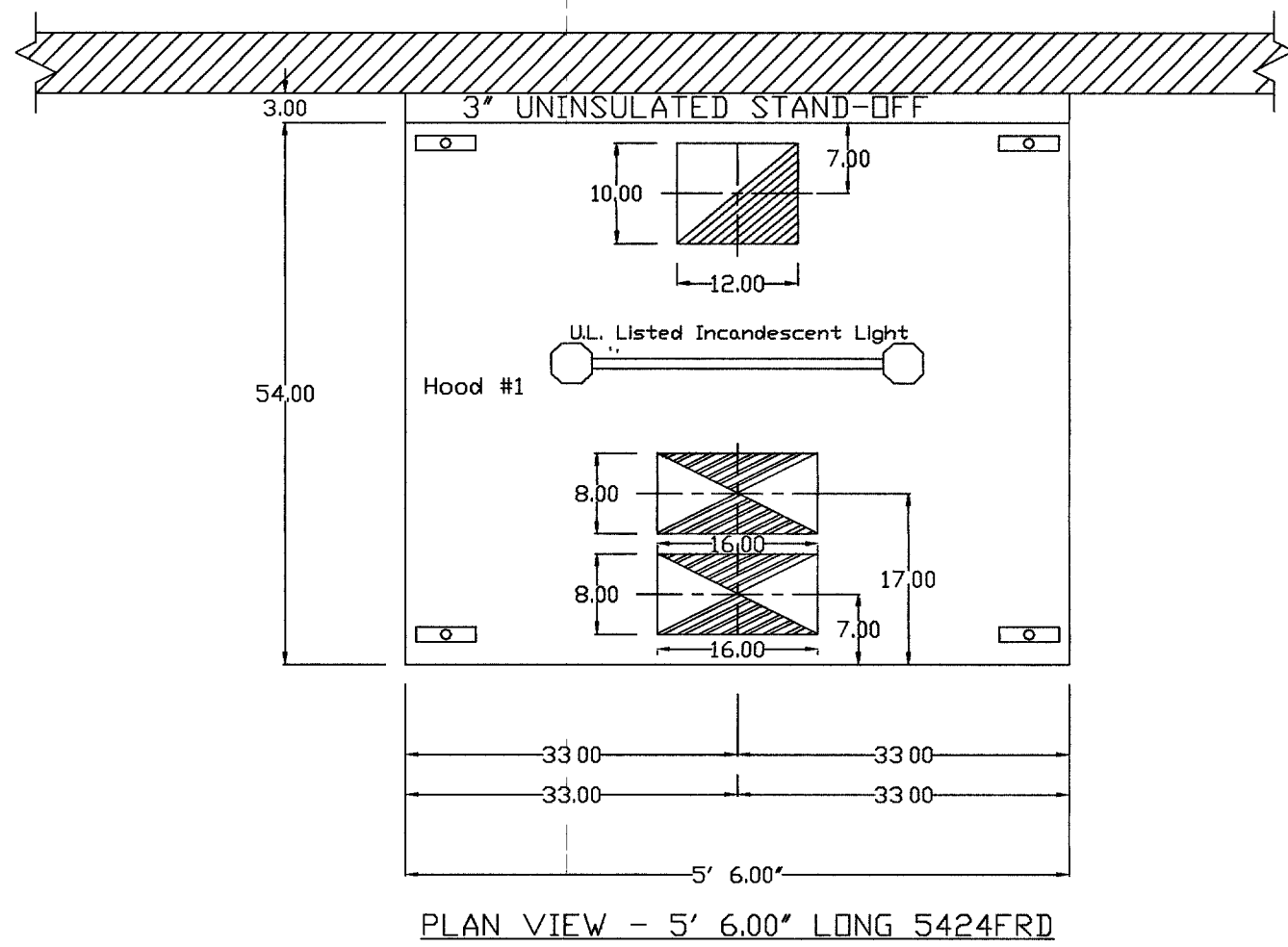




HOOD INFORMATION

HOOD NO.	MODEL	LENGTH	MAX. COOKING TEMP	EXHAUST PLENUM				SUPPLY PLENUM				HOOD CONSTRUCTION	HOOD CONFIG	SWITCHES ON HOOD	
				TOTAL EXH. CFM	WIDTH	LENGTH	DIA.	TOTAL SUP. CFM	WIDTH	LENGTH	DIA.			QUANTITY	LOCATION
1	5424 FRD	5' 6.00'	400 Deg	1281	10"	12"	1281	1025	8"	16"	512	430 SS			
											513	Where Exposed			

HOOD INFORMATION

HOOD NO.	FILTER(S)			LIGHT(S)			UTILITY CABINET(S)			FIRE SYSTEM	HOOD WEIGHT
	TYPE	QTY	HEIGHT	TYPE	QTY	HEIGHT	TYPE	SIZE	MODEL #		
1	Alum. Baffle w/ Handles	4	16"	Incandescent Light	2	16"	ANSUL	3.00		YES	267 LBS.

HOOD OPTIONS

HOOD NO.	OPTION
1	BACK STANDOFF 3' Wide

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH

NFPA #96

AND ARE RECOGNIZED BY ONE OR MORE OF THE FOLLOWING:

NSF INTERNATIONAL

BOCA #93-16

I.C.B.O. #4416

S.B.C.C.I. #9641

U.L. LISTED FILE #MH12106

FOR QUESTIONS, CALL THE

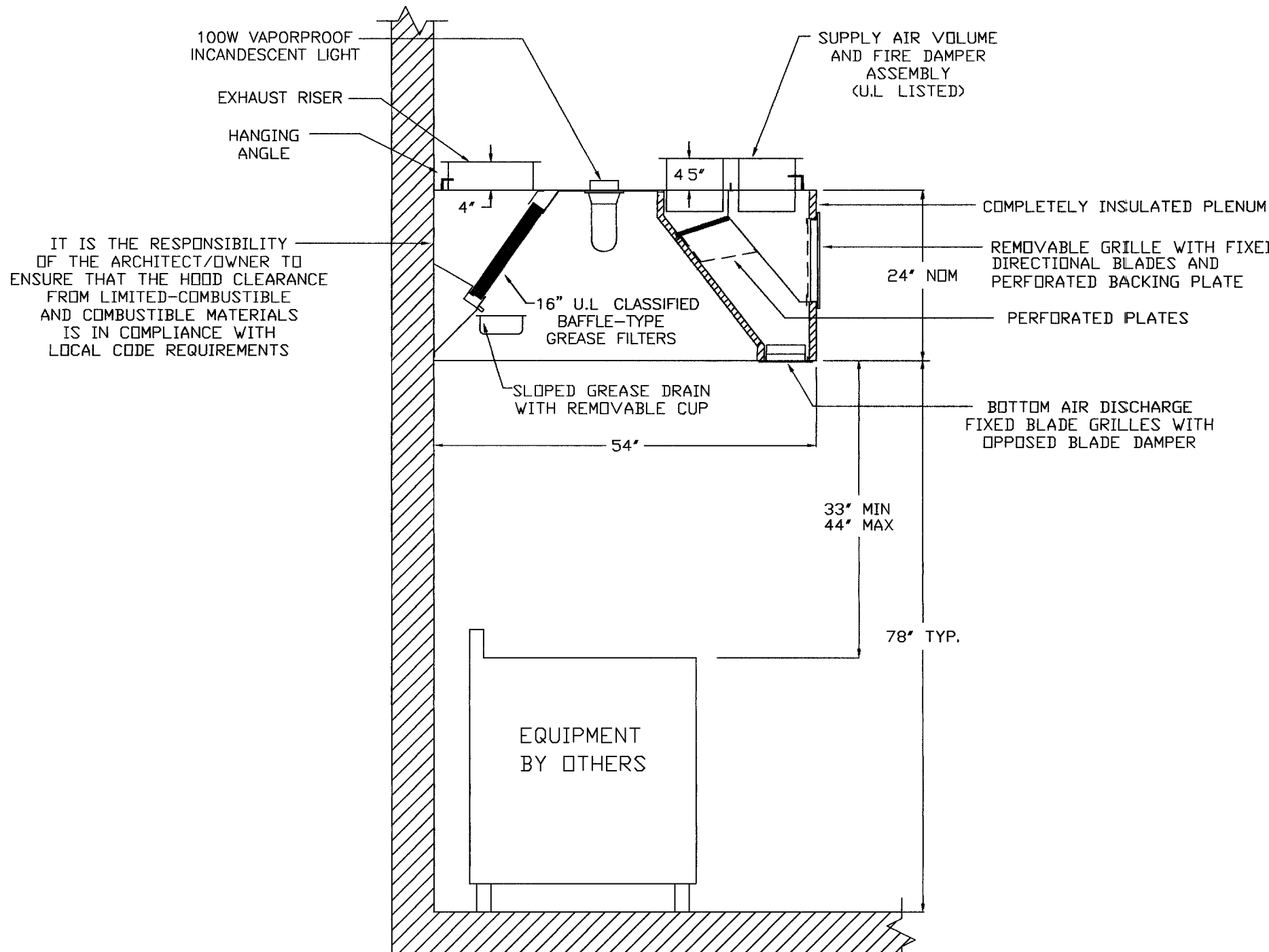
KURT CURTIS: NEVADA REGIONAL MANAGER

595 S GREEN VALLEY PKWY #411, HENDERSON, NV 89012

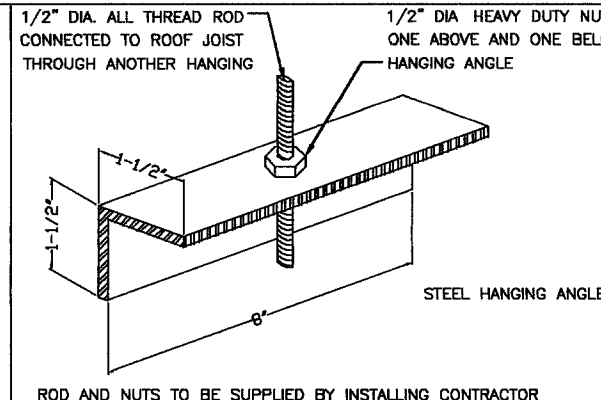
PHONE: (702) 260-4670, (800) 382-0680

FAX: (702) 260-4729

THE UL MINIMUM FOR THIS PARTICULAR HOOD IS 233 CFM_s/LINEAR FOOT OF HOOD



SECTION VIEW - MODEL 5424-FRD



HOOD STYLE	DIM FROM REAR	DIM FROM FRONT (24\"/>
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CONDENSATE 10.50"

HANGING ANGLE LOCATIONS

EXHAUST CFM=LENGTH OF HOOD X CFM/LIN FT. (LOAD)

SUPPLY CFM=EXHAUST CFM X PERCENTAGE REQUIRED

TOTAL DUCT AREA=144 X $\frac{CFM}{FPM}$

DUCT LENGTH= $\frac{TOTAL DUCT AREA}{DUCT DEPTH}$

CALCULATIONS UTILIZED

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH:

NFPA #96 • I.C.B.O. #4416

NSF • SBOI PST & ESI NO. 93137

B.O.C.A. #93-16 • U.L. LISTED #MH12106/14540



BUILDING CODES

CAPTIVE-AIRE HOODS HAVE OPTIONAL CLEARANCE REDUCTION SYSTEMS AVAILABLE AS FOLLOWS:	
MATERIAL	CLEARANCE REDUCTION SYSTEM
NON-COMBUSTIBLE	NONE REQUIRED
LIMITED-COMBUSTIBLE	3" UNINSULATED STANDOFF
COMBUSTIBLE	3" INSULATED STANDOFF

CLEARANCE TO COMBUSTIBLES

INSTALLATION

ALL ELECTRICAL "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY ELECTRICAL CONTRACTORS

ALL PLUMBING "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY PLUMBING CONTRACTORS

HANGING BRACKETS LOCATED AND WELDED AS SHOWN ON PLANS. ALL OTHER HANGING MATERIALS PROVIDED BY INSTALLING CONTRACTORS

ALL CONNECTIONS FROM CAPTIVE-AIRE DUCT PER MECHANICAL CONTRACTOR'S PLANS

COOKING EQUIPMENT TO SHUTOFF IN EVENT OF FIRE

EXHAUST FANS TO TURN ON IN EVENT OF FIRE

ALL LIGHTS FUTURE SHOWN INSTALLED BY CAPTIVE-AIRE ARE FACTORY PREWIRED. INTERCONNECTIONS BETWEEN HOODS AND TO SWITCHES BY ELECTRICAL CONTRACTORS

LAMPS FOR LIGHT FIXTURES BY INSTALLING CONTRACTORS

SEISMIC RESISTANTS ARE RESPONSIBILITY OF INSTALLING CONTRACTOR

INSTALLING CONTRACTORS ASSUME ALL RELATED RESPONSIBILITY FOR VERIFICATION OF DIMENSIONAL DATA CONTAINED ON THESE DOCUMENTS FOR ACCURACY, INFORMATION AND ADMINISTRATION OF CODE REQUIREMENTS IN EFFECT PRIOR TO ANY RELEASE FOR PRODUCTION OF EQUIPMENT SHOWN

BALANCE

KITCHEN HOODS MUST BE BALANCED WITH KITCHEN

KITCHEN SHALL BE NEGATIVE WITH RESPECT TO DINING AREA

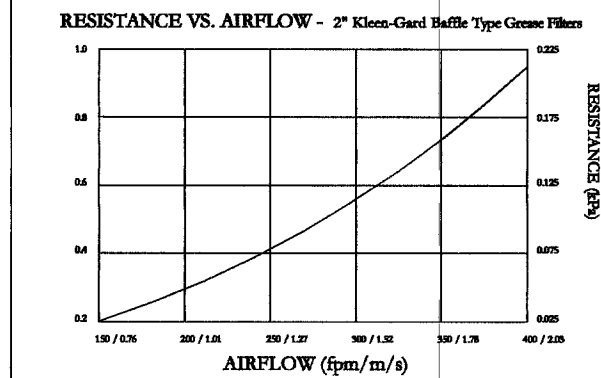
RESTAURANT SHALL BE POSITIVE WITH RESPECT TO AMBIENT PRESSURE

ADDITIONAL

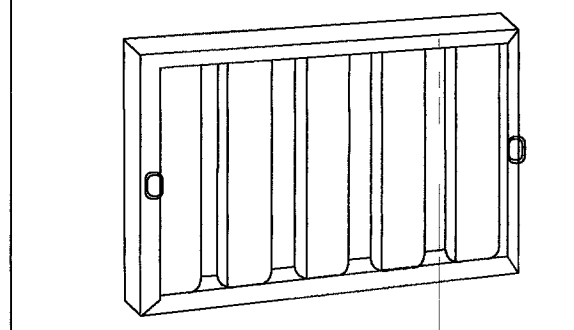
WRITTEN HOOD DIMENSIONS HAVE PRECEDENCE OVER SCALE.

SIGNED AND "APPROVED" COPIES OF THIS DOCUMENT MUST BE RECEIVED BY FACTORY PRIOR TO COMMENCEMENT OF FABRICATION

GENERAL NOTES



RESEARCH PRODUCTS CORPORATION



Kleen-Gard Baffle Type Filters are U.L. Classified Grease Extracting Filters.

MEA # 168-78-M Aluminum

MEA # 247-96-B Stainless Steel

FILTER DETAIL

REVISIONS		
NO.	DESCRIPTION	DATE
1		
2		
3		
4		

CAPTIVE-AIRE

NEVADA REGIONAL OFFICE

595 S. GREEN VALLEY PKWY. #411, HENDERSON, NV 89012 PHONE: (702) 260-4670 FAX: (702) 260-4729 E-Mail: nrg4@capaire.com

FIRE STATION #8

LAS VEGAS, NV

DATE: 6/9/04

DWG.#:

DRAWN BY: KURT

SCALE: 3/4" = 1 Ft

HOOD DETAIL PLAN

M-1

SHEET#

1 of 2

RECORD DRAWING