HOOD INFORMATION

HOOD NO.	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM TOTAL EXH. CFM	EXHAUST PLENUM RISER(S) WIDTH	LENG.	DIA.	CFM	S.P.	SUPPLY PLENUM TOTAL SUP. CFM	SUPPLY PLENUM RISER(S) WIDTH	LENG.	DIA.	CFM	S.P.	HOOD CONSTRUCTION	HOOD CONFIG. END TO END	ROW
1	4824 EX-2	7' 0.00"Nom. 7' 0.00"OD	450 Deg.	1225	10'	11'		1225	-0.328"	0						430 SS Where Exposed	ALONE	N/A

HOOD INFORMATION

HOOD NO.	FILTER(S) TYPE	QTY.	HEIGHT	LENGTH	LIGHT(S) QTY.	TYPE	WIRE GUARD	UTILITY CABINET(S) LOCATION	FIRE SYSTEM TYPE	FIRE SYSTEM SIZE	ELECTRICAL MODEL #	SWITCHES QUANTITY	SWITCHES LOCATION	FIRE SYSTEM PIPING	HOOD WEIGHT
1	SS Baffle with Handles	4	16"	16"	2	Incandescent Light Fix	NO	Right	Ansul R102	1.5	21011002	1 Light 1 Fan	Outside	YES	462 LBS.
		1	16"	20"											

FAN INFORMATION

FAN UNIT NO.	FAN UNIT MODEL #	EXHAUST FAN MODEL	TAG	CFM	S.P.	RPM	H.P.	ø	VOLT	FLA	SUPPLY FAN BLOWER	HOUSING	TAG	CFM	S.P.	RPM	H.P.	ø	VOLT	FLA
EF-3	EABDU13 EF-3	EABDU13		1225	- 1.000"	1317	0.500	1	208	4.0										

GRILLES, REGISTERS & DIFFUSERS

TYPE	MFR. & MODEL	REMARKS
CD	PRICE ARCD	ROUND LOUVERED FACE WITH ADJUSTABLE CONES & DAMPERS.
RAG	PRICE 70	LOUVERED FACE, SURFACE MOUNTED RETURN AIR GRILLE.

CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING W/ ARCHITECTURAL REFLECTED CEILING PLAN AND FURNISH FRAME STYLES AS REQUIRED.

EX-2 SERIES SPECIFICATION

THE EX-2 SERIES HOOD IS AN EXHAUST ONLY CANOPY HOOD RATED FOR ALL TYPES OF COOKING EQUIPMENT. THE HOOD SHALL HAVE THE SIZE, SHAPE AND PERFORMANCE SPECIFIED ON DRAWINGS.

CONSTRUCTION SHALL BE TYPE 430 STAINLESS STEEL WITH A #3 OR #4 POLISH WHERE EXPOSED. INDIVIDUAL COMPONENT CONSTRUCTION SHALL BE DETERMINED BY THE MANUFACTURER, ETL, AND NSF. CONSTRUCTION SHALL BE DEPENDENT ON THE STRUCTURAL APPLICATION TO MINIMIZE DISTORTION AND OTHER DEFECTS. ALL SEAMS, JOINTS AND PENETRATIONS OF THE HOOD ENCLOSURE TO THE LOWER OUTERMOST PERIMETER THAT DIRECTS AND CAPTURES GREASE-LADEN VAPOR AND EXHAUST GASES SHALL HAVE A LIQUID-TIGHT CONTINUOUS EXTERNAL WELD IN ACCORDANCE WITH NFPA 96. HOOD SHALL BE WALL TYPE WITH FULLY WELDED 10 GAUGE CORNER HANGING ANGLES. CORNER HANGING ANGLES HAVE A .625 X 1.500 SLOT PRE-PUNCHED AT THE FACTORY, ALLOWING HANGING RODS TO BE USED FOR QUICK AND SAFE INSTALLATIONS. HANGING ROD AND CONNECTION IS PROVIDED BY AND INSTALLED BY OTHERS.

VENTILATOR SHALL BE FURNISHED WITH U.L. CLASSIFIED STAINLESS STEEL BAFFLE FILTERS, SUPPLIED IN SIZE AND QUANTITY AS REQUIRED BY VENTILATOR. THE FILTERS SHALL EXTEND THE FULL LENGTH OF THE HOOD AND THE FILLER PANELS SHALL NOT BE MORE THAN 6" IN WIDTH.

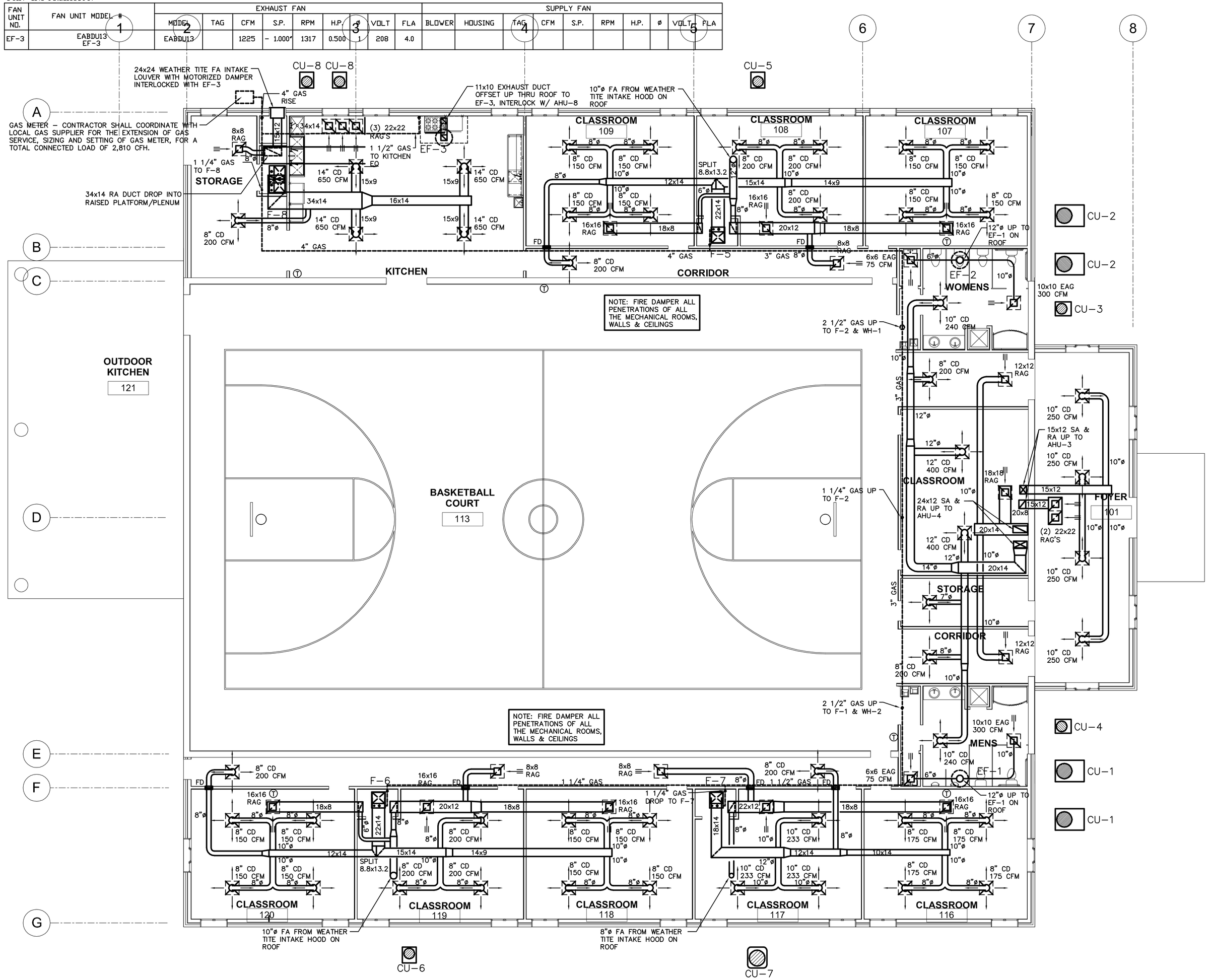
THE HOOD MANUFACTURER SHALL SUPPLY COMPLETE COMPUTER GENERATED SUBMITTAL DRAWINGS INCLUDING HOOD SECTION VIEW(S) AND HOOD PLAN VIEW(S). THESE DRAWINGS MUST BE AVAILABLE TO THE ENGINEER, ARCHITECT AND OWNER FOR THEIR USE IN CONSTRUCTION, OPERATION AND MAINTENANCE.

EXHAUST DUCT COLLAR TO BE 4" HIGH WITH 1" FLANGE. DUCT SIZES, CFM AND STATIC PRESSURE REQUIREMENTS SHALL BE AS SHOWN ON DRAWINGS. STATIC PRESSURE REQUIREMENTS SHALL BE PRECISE AND ACCURATE; AIR VELOCITY AND VOLUME INFORMATION SHALL BE ACCURATE WITHIN 1-FT INCREMENTS ALONG THE LENGTH OF THE VENTILATOR.

U.L. INCANDESCENT LIGHT FIXTURES AND GLOBES SHALL BE INSTALLED AND PRE-WIRED TO A JUNCTION BOX. THE LIGHT FIXTURES SHALL BE INSTALLED WITH A MAXIMUM OF 4'0" SPACING ON CENTER AND ALLOW UP TO A 100 WATT STANDARD LIGHT BULB.

THE HOOD SHALL HAVE:
- A DOUBLE WALL INSULATED FRONT TO ELIMINATE CONDENSATION AND INCREASE RIGIDITY. THE INSULATION SHALL HAVE A FLEXURAL MODULUS OF 475 EI, MEET UL 181 REQUIREMENTS AND BE IN ACCORDANCE WITH NFPA 90A AND 90B.
- AN INTEGRAL FRONT BAFFLE TO DIRECT GREASE LADEN VAPORS TOWARD THE EXHAUST FILTER BANK.
- A BUILT-IN WIRING CHASE PROVIDED FOR OUTLETS AND ELECTRICAL CONTROLS ON THE HOOD FACE AND SHALL NOT PENETRATE THE CAPTURE AREA OR REQUIRE AN EXTERNAL CHASEWAY.
- A REMOVABLE GREASE CUP FOR EASY CLEANING.

THE HOOD SHALL BE ETL LISTED AS "EXHAUST HOOD WITHOUT EXHAUST DAMPER", NSF LISTED AND BUILT IN ACCORDANCE WITH NFPA 96. THE HOOD SHALL BE LISTED FOR 450°F COOKING SURFACES AT 150 CFM/FT, 600°F COOKING SURFACES AT 200 CFM/FT, AND 700°F COOKING SURFACES AT 250 CFM/FT.



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No.	Description	Date

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FIRST FLOOR PLAN MECHANICAL

Project number	
Date	10-07-2008
Drawn by	
Checked by	

M101

Scale

October 07, 2008 3:09:31 p.m.
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