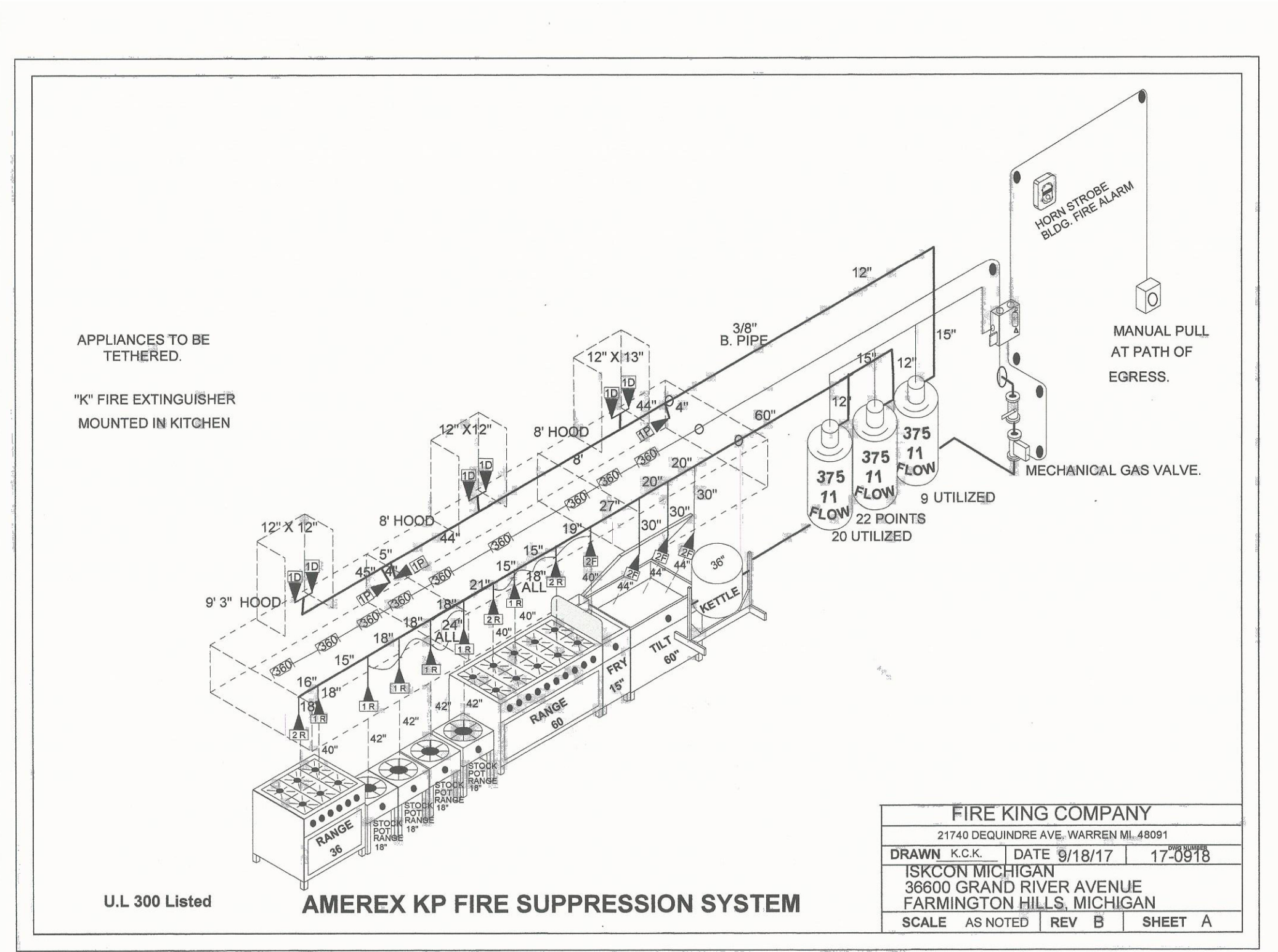


**1 MECHANICAL PLAN**  
SCALE: 1/4" = 1'-0"



**EXHAUST FAN INFORMATION**

FAN UNIT NO.	DESCRIPTION	MAKE/ MODEL	CFM	STATIC PRESSURE	H.P.	B.H.P.	Ø	VOLT	AMPS	WEIGHT (LBS.)	SONES
*EF-1	EXISTING-HOOD	LOREN COOK 180VH-BB	2448	1.5	1,500	0.9000	1	120	18	120	12.5
*EF-2	EXISTING-HOOD	LOREN COOK 180VH-BB	2448	1.5	1,500	0.9000	1	120	18	120	12.5

\*UL-762

**MUA FAN INFORMATION**

FAN UNIT NO.	DESCRIPTION	DUCT SIZE	BTU	DESIGN CFM	H.P.	Ø	VOLT	WEIGHT (LBS.)
MAU-1	EXISTING-KITCHEN	36"X36"	550,000	4896	3	3	208	750

**AIR BALANCE SCHEDULE**

TAG	OUTSIDE AIR	RETURN AIR	SUPPLY AIR	EXHAUST AIR	PRESSURE	PERCENT OUTSIDE AIR
F-6	200 CFM	1015 CFM	1215 CFM	---	+ 200 CFM	16.5%
MAU-1	---	---	4896 CFM	---	+ 4896 CFM	0.0%
EF-1	---	---	---	-2448	- 2448 CFM	
EF-2	---	---	---	-2448	- 2448 CFM	
<b>TOTAL:</b>	<b>+200 CFM</b>	<b>1015 CFM</b>	<b>+6111 CFM</b>	<b>-4896 CFM</b>	<b>+ 200 CFM</b>	

\* ALL EXISTING SYSTEMS

**GENERAL NOTES**

HVAC CONTRACTOR:

- THE HVAC CONTRACTOR SHALL FURNISH AND INSTALL DIFFUSERS/RETURNS.
- ALL FLEX DUCT SHALL BE FOIL-BACKED, R-6 U.L. LISTED, CLASSIFIED AS A CLASS 1 AIR DUCT, AND MEET LOCAL CODE REQUIREMENTS.
- ALL DUCTWORK SHALL BE INDEPENDENTLY HUNG FROM STRUCTURAL MEMBERS.
- ALL DUCTWORK SHALL BE FABRICATED AND INSTALL PER SMACNA LOW-VELOCITY DUCT MANUAL (LATEST ISSUE).
- UNLESS OTHERWISE NOTED, EVERY SUPPLY TAP COLLAR SHALL HAVE A LOCKING MANUAL VOLUME DAMPER.
- THE HVAC CONTRACTOR SHALL COORDINATE DIFFUSER LOCATION ON SITE WITH THE MOST RECENT REFLECTED CEILING PLAN.
- UPON COMPLETION OF PROJECT THE HVAC CONTRACTOR SHALL HIRE AN A.A.B.C. OR N.E.B.B. CERTIFIED, INDEPENDENT TEST AND BALANCE COMPANY TO CONDUCT A COMPLETE, CERTIFIED TEST AND BALANCED OF ALL HVAC EQUIPMENT. PROVIDE A WRITTEN REPORT TO OWNER. ALL CAPACITIES MUST BE SET TO AMOUNTS INDICATED ON THE FLOOR PLAN AND SCHEDULES.

**KEYED NOTES**

1 EXISTING HARD DUCT TO REMAIN.

2 EXISTING DUCT TO RESTROOM TO REMAIN.

3 EXISTING MAU-1 TO REMAIN.

**DIFFUSER NECK SIZE**

SIZE	CFM
8"Ø	150-300
10"Ø	325-500

**DIFFUSER SCHEDULE**

SYM.	SIZE	TYPE	DUCT SIZE	MODEL#	FINISH	BOOT SIZE	OPENING SIZE	QTY.
A	24X24	4-WAY SUPPLY	EXISTING	5200-6	WHITE	VIF	T-BAR	1

ALL DIFFUSERS SHALL BE MANUFACTURED BY METALAIRE OR EQUIVALENT AND 100% ALUMINUM CONSTRUCTION  
NOTE: LOCATION AND ORIENTATION OF DIRECTIONAL BLOW PATTERN DIFFUSERS IN THE KITCHEN IS CRITICAL.

No.	1	Date	2.2.18	By	DEB	Notes	SUBMITTED FOR PERMITTING
Drawn By: DEB							
Checked: SB							
Scale: AS NOTED							
Date: 1.30.18							

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SHEET TITLE  
MECHANICAL PLAN

DO NOT SCALE THIS PRINT. USE FIGURED DIMENSIONS ONLY.

JOB #  
TG-18502

SHEET  
M-1