



**MEZZANINE PLAN**  
SCALE: 3/32" = 1'-0"

LEAK DETECTION ZONES			
ZONE	LOCATION	ZONE	LOCATION
01	SPARE	09	MEAT COOLER
02	PRODUCE PREP	10	GROCERY FREEZER
03	PRODUCE COOLER	11	DAIRY COOLER
04	DELI COOLER	12	WINE COOLER
05	BAKERY RETARDER	13	MACHINERY ROOM
06	BAKERY FREEZER	14	CLOCKLIST FREEZER
07	MEAT PREP	15	RAW DELI COOLER
08	MACHINERY ROOM	16	CLOCKLIST COOLER

SOUNDER BEACONS			
ZONE	LOCATION	ZONE	LOCATION
01	SPARE	09	SB09A, SB09B, SB09C
02	SB02A, SB02B, SB02C	10	SB10A, SB10B
03	SB03A, SB03B, SB03C	11	SB11A, SB11B
04	SB04A, SB04B, SB04C	12	SB12A, SB12B
05	SB05A, SB05B	13	SB13A, SB13B
06	SB06A, SB06B	14	SB14A, SB14B
07	SB07A, SB07B, SB07C	15	SB15A, SB15B
08	SB08A, SB08B	16	SB16A, SB16B

SYMBOL LEGEND	
ZONE	DESCRIPTION
[MON]	GAS LEAK MONITOR. BACHARACH HGM-MZ.
[MCP]	GAS DETECTION CONTROL PANEL. SAFAR SAFEGARD 2000.
[SPIN]	LEAK SAMPLE POINT. (NN=ZONE)
[PSP]	PURGE SAMPLE POINT. MOUNT NOT LESS THAN 10' FROM ANY EXHAUST.
[EXH]	EXHAUST PORT. MOUNT NOT LESS THAN 10' FROM ANY INTAKE.
[S]	GENERAL PURPOSE ELECTRONIC SOUNDER.

COORDINATE DEVICE LOCATIONS WITH KROGER ENGINEER BEFORE ROUGH-IN.

- GENERAL NOTES**
- KROGER SHALL FURNISH THE BACHARACH HGM-MZ MULTI-ZONE GAS LEAK MONITOR, SAFAR SAFEGARD 2000 GAS DETECTION CONTROL PANEL, CHARCOAL PURGE FILTER, IN-LINE PURGE FILTER, AND END-OF-LINE FILTERS. INSTALL ALL MATERIAL FURNISHED BY KROGER. PROVIDE ALL OTHER WORK REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM. INSTALL AS DIRECTED AND RECOMMENDED BY THE MANUFACTURER.
  - PROVIDE 1/4" OUTSIDE DIAMETER POLYETHYLENE FLEX TUBING FOR ALL AIR LINES. MAKE TUBING BENDS OF NOT LESS THAN 5" RADIUS TO ENSURE PROPER AIRFLOW.
  - ENSURE THAT THE PURGE LINE DOES NOT EXCEED 300' IN LENGTH.
  - ENSURE THE EXHAUST LINE DOES NOT EXCEED 300' IN LENGTH. TERMINATE THE EXHAUST LINE OUTSIDE THE BUILDING. POSITION TUBING SO THAT NO WATER OR MOISTURE CAN ENTER.
  - REFER TO SHEET EM-7 FOR ADDITIONAL REQUIREMENTS.

**REFRIGERANT LEAK DETECTION PLAN**  
SCALE: 3/32" = 1'-0"

BULLETIN NO. 2  
BIDS & PERMITS  
80% OWNER REVIEW

08-17-2015  
08-26-2015  
08-22-2015

PROPOSED INTERIOR REMODEL FOR:

STORE NO. D-361

425 N. CENTER STREET  
NORTHVILLE, MI 48167

THE KROGER CO. OF MICHIGAN

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REF LEAK DETECTION PLAN

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