



- KEYED NOTES**
- M1 RTU TO BE INSTALLED WITH FACTORY INSTALLED HEAT RECLAIM COIL. PROVIDE OPENING THRU ROOF FOR REFRIGERATION LINES. COORDINATE WITH ALL OTHER DISCIPLINES PRIOR TO PENETRATING ROOF.
  - M2 DUCT UP TO OPENING THROUGH ROOF CAPPED WITH CURB AND KROGER FURNISHED EXHAUST FAN.
  - M3 B VENT DUCT UP FROM RACK OVER VENT COLLAR THROUGH ROOF. DUCTS ARE ONLY TO OFFSET ABOVE ACT 1 FLOOR. DUCTS ARE TO BE RUN STRAIGHT AND VERTICAL WHEN VISIBLE TO SALES FLOOR. REFER TO DETAIL HSD-7 FOR ADDITIONAL INFORMATION.
  - M10 GREASE DUCT FROM EXHAUST HOOD TO OPENING THROUGH ROOF PER NFPA 96 MECHANICAL CONTRACTOR TO INSTALL PROVIDED HANG KIT. DUCTWRAP IS TO RUN THE ENTIRE LENGTH OF GREASE DUCT FROM CEILING PENETRATION TO FAN. REFERENCE HSD-4 FOR ADDITIONAL INFORMATION.
  - M13 DROP BOX DIFFUSER SYSTEM. REFER TO DIFFUSER SCHEDULE FOR AS2 MODEL NUMBERS AND QUANTITIES. REFER TO FLOOR PLANS FOR THROW DIRECTIONS AND AIRFLOW. REFER TO DETAIL HSD-1 FOR INSTALLATION.
  - M14 TEMPERATURE SENSOR FOR RTU FURNISHED BY BUILDING CONTROLS PROVIDER. ROUTE CONTROL WIRING THROUGH RTU AND BACK TO BUILDING CONTROL PANEL.
  - M21 RETURN AIR GRILLE IN SIDE OF DUCT DROP. TOP WITH 1 INCH OPENINGS OR APPROVED EQUAL.
  - M24 HOOD ANSUL PULL STATION LOCATION. COORDINATE FINAL LOCATION WITH ELECTRICAL PLANS. PROVIDE NAMEPLATE AT STATION WITH HOOD NUMBER AND LOCATION. REFERENCE HSD-4A AND 4B FOR ADDITIONAL INFORMATION.
  - M29 MOUNT EXHAUST FAN ABOVE FINISHED FLOOR. CLEANING CEILING AS POSSIBLE.
  - M30 HOOD #1 ANSUL KIT TO BE COMBINED ANSUL FIRE SUPPRESSOR SYSTEM TO BE INSTALLED BY MECHANICAL CONTRACTOR. REFER TO HSD-4A AND 4B FOR ADDITIONAL INFORMATION.
  - M32 EXHAUST THROUGH ROOF CAPPED WITH CURB AND KROGER FURNISHED EXHAUST FAN. ANSUL KIT TO BE PROVIDED BY MECHANICAL CONTRACTOR FOR FAN. FAN TO ENERGIZE WHEN ROOM REACHES 70°F.
  - M44 GREASE DUCT FROM EXHAUST HOOD TO OPENING THROUGH ROOF PER NFPA 96 MECHANICAL CONTRACTOR TO INSTALL PROVIDED HANG KIT. DUCTWRAP IS TO RUN THE ENTIRE LENGTH OF GREASE DUCT FROM CEILING PENETRATION TO FAN.
  - M45 HUMIDITY/TEMPERATURE SENSOR FOR RTU FURNISHED BY BUILDING CONTROLS PROVIDER. INSTALL FROM 7'8" ON COLUMN. REFERENCE ESD-48 FOR ADDITIONAL INFORMATION.
  - M50 DUCTWORK IN VESTIBULE TO BE HELD AS TIGHT TO STRUCTURE AS POSSIBLE.
  - M52 DIMENSIONS TO CENTER OF HOOD FOR REFERENCE ONLY. COORDINATE WITH FINAL FIXTURE PLACEMENT PRIOR TO HOOD INSTALLATION.
  - M83 FAN FURNISHED BY CONTRACTOR AND CONTROLLED BY LOCAL SWITCH. MOUNT FAN PER MANUFACTURER'S RECOMMENDATIONS.

CONSULTANTS

**MECHANICAL/ELECTRICAL ENGINEERS**  
 WWW.KHENGINEERS.COM  
 LEWISTON, KENTUCKY  
 LOUISVILLE, KENTUCKY  
 NEW YORK, NEW YORK

**SEKHL ENGINEERS**  
 150 ALEXANDRIA BLVD SUITE 11  
 FT. THOMAS, KENTUCKY 40310  
 959-448-8286 FAX

OWNER

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DATE	ISSUE
10/25/18	5% OWNER REVIEW
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PROJECT TITLE  
**KROGER STORE R543**

MERCURY BLVD  
 HAMPTON, VA

COMMISSIONING: 5/17/15  
 ISSUE DATE: 10/23/2018  
 SHEET TITLE  
**HVAC FLOOR PLAN - EAST**

SHEETING  
**M1.1b**

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1 HVAC FLOOR PLAN - EAST  
 3/32" = 1'-0"

2" REFERENCE LINE