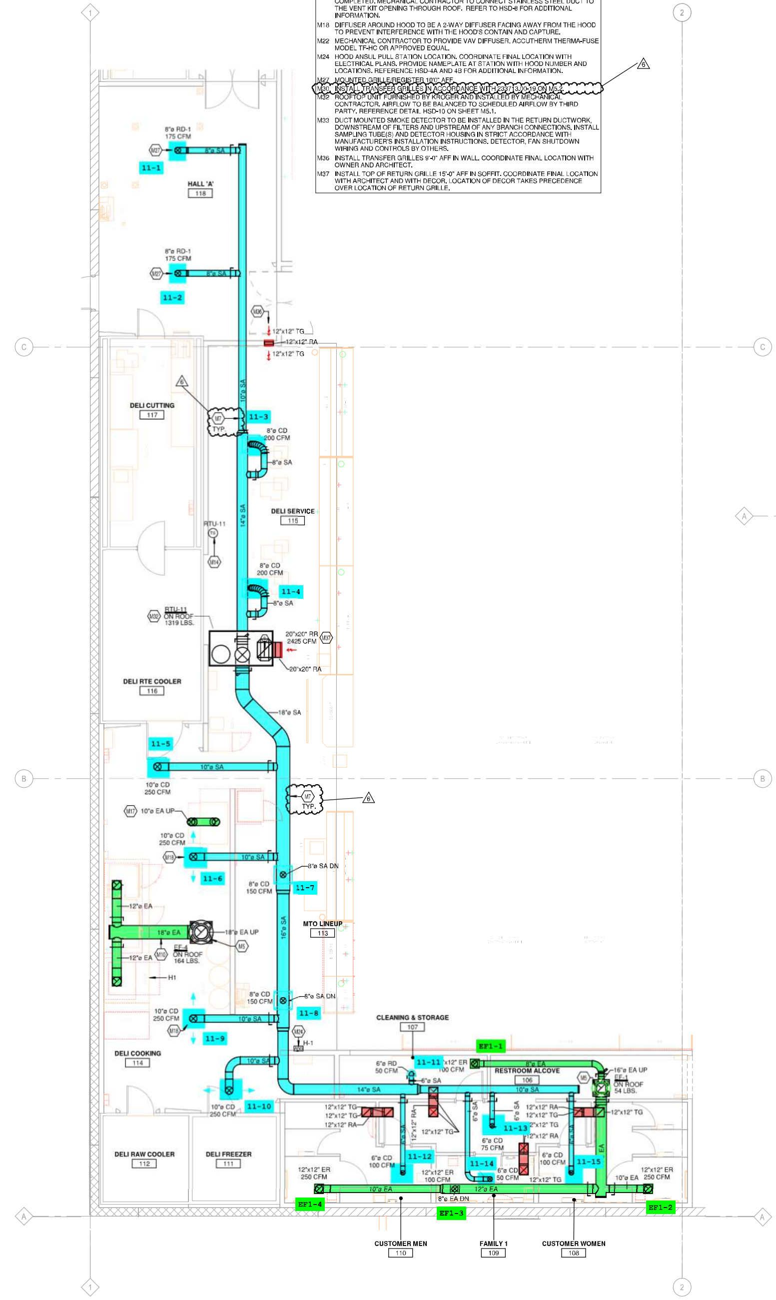
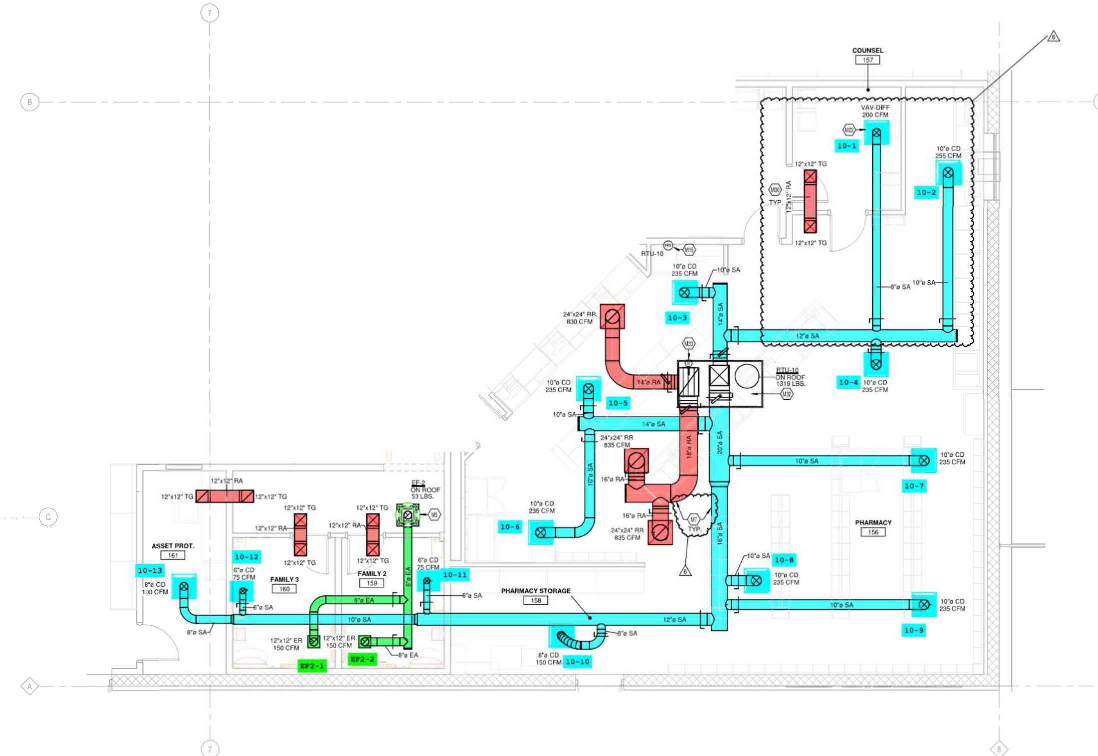
KEYED NOTES

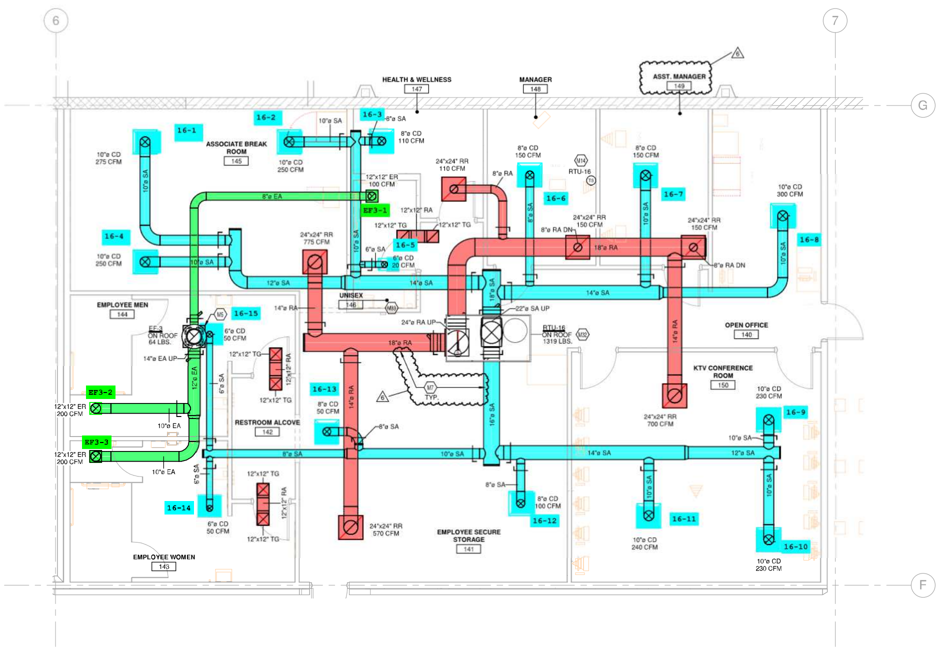
- M5 DUCT UP TO OPENING THROUGH ROOF CAPPED WITH CURB AND KROGER FURNISHED EXHAUST FAN.
- M7 ROUTE SUPPLY AND RETURN DUCTWORK ROUGHLY 2'0" ABOVE THE CEILING FOR EASE OF FUTURE ACCESS. CONFIRM FINAL HEIGHT WITH OWNER. (6)
- M10 GREASE DUCT FROM EXHAUST HOOD TO OPENING THROUGH ROOF PER NFPA 96. MECHANICAL CONTRACTOR TO INSTALL PROVIDED HINGE KIT. DUCTWRAP IS TO RUN THE ENTIRE LENGTH OF GREASE DUCT FROM CONNECTION TO HOOD TO FAN. REFERENCE HSD-4 ON M5.1, AND BOTH 233813.00-04 AND 233813.00-0.2, AS WELL AS CAPTIVE AIRE SHEETS, FOR ADDITIONAL INFORMATION.
- M14 TEMPERATURE SENSOR FOR RTU FURNISHED BY ORIGINAL EQUIPMENT MANUFACTURER. ROUTE CONTROL WIRING THROUGH RTU AND BACK TO BUILDING CONTROL PANEL.
- M15 COMBINATION TEMPERATURE/RELATIVE HUMIDITY SENSOR FOR RTU FURNISHED BY BUILDING CONTROL PROVIDER. ROUTE CONTROL WIRING THROUGH RTU AND BACK TO BUILDING CONTROL PANEL.
- M17 UW-50 VENT KIT INCLUDED WITH UNIT AND SUPPLIED BY HOBART. VENT KIT AUTOMATICALLY REMOVES STEAM/CONDENSATION AT THE COMPLETION OF THE WAREWASH CYCLE. WAREWASH DOOR WILL NOT OPEN UNTIL THIS PROCESS IS COMPLETED. MECHANICAL CONTRACTOR TO CONNECT STAINLESS STEEL DUCT TO THE VENT KIT OPENING THROUGH ROOF. REFER TO HSD-8 FOR ADDITIONAL INFORMATION.
- M18 DIFFUSER AROUND HOOD TO BE A 2-WAY DIFFUSER FACING AWAY FROM THE HOOD TO PREVENT INTERFERENCE WITH THE HOOD'S CONTAIN AND CAPTURE.
- M22 MECHANICAL CONTRACTOR TO PROVIDE VAV DIFFUSER, ACCUTHERM THERMA-FUSE MODEL TF-HC OR APPROVED EQUAL.
- M24 HOOD ANSUL PULL STATION LOCATION. COORDINATE FINAL LOCATION WITH ELECTRICAL PLANS. PROVIDE NAMEPLATE AT STATION WITH HOOD NUMBER AND LOCATIONS. REFERENCE HSD-4A AND 4B FOR ADDITIONAL INFORMATION.
- M27 MOUNTED GRILLE/REGISTER 10'0" AFF.
- M30 INSTALL TRANSFER GRILLES IN ACCORDANCE WITH 233713.00-19 ON M5.2. (4)
- M32 ROOFTOP UNIT FURNISHED BY KROGER AND INSTALLED BY MECHANICAL CONTRACTOR. AIRFLOW TO BE BALANCED TO SCHEDULED AIRFLOW BY THIRD PARTY. REFERENCE DETAIL HSD-10 ON SHEET M5.1.
- M33 DUCT MOUNTED SMOKE DETECTOR TO BE INSTALLED IN THE RETURN DUCTWORK, DOWNSTREAM OF FILTERS AND UPSTREAM OF ANY BRANCH CONNECTIONS. INSTALL SAMPLING TUBE(S) AND DETECTOR HOUSING IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. DETECTOR, FAN SHUTDOWN WIRING AND CONTROLS BY OTHERS.
- M36 INSTALL TRANSFER GRILLES 9'-0" AFF IN WALL. COORDINATE FINAL LOCATION WITH OWNER AND ARCHITECT.
- M37 INSTALL TOP OF RETURN GRILLE 15'-0" AFF IN SOFFIT. COORDINATE FINAL LOCATION WITH ARCHITECT AND WITH DECOR. LOCATION OF DECOR TAKES PRECEDENCE OVER LOCATION OF RETURN GRILLE.



1 HVAC ENLARGED PLAN - DELI
3/16" = 1'-0"



3 HVAC ENLARGED PLAN - PHARMACY
1/4" = 1'-0"



2 HVAC ENLARGED PLAN - BACK OFFICES
1/4" = 1'-0"

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ISSUE/REVISION

#	DATE	DESCRIPTION
	04/06/2023	90% KROGER REVIEW
	04/27/2023	100% PERMIT
1	08/11/2023	BULLETIN NO. 1
6	04/30/2024	BULLETIN NO. 5

PROJECT TITLE
KROGER'S STORE
DAL984

NEC OF ST. HWY. 121 &
WASHINGTON DR.
MELISSA, TX 75454

COMMISSION NO. 523313
ISSUE DATE 04/27/2023
SHEET TITLE
HVAC ENLARGED PLANS

SHEET NO.
M1.3

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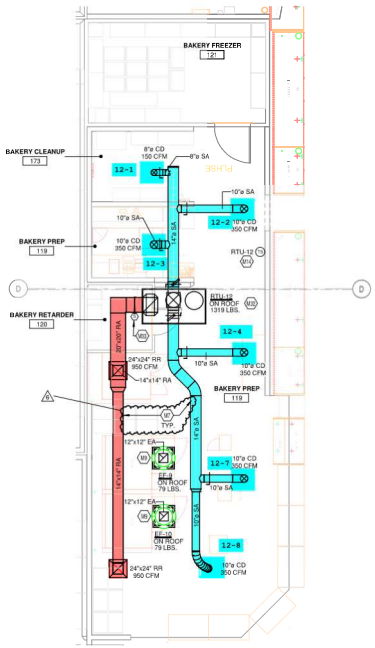
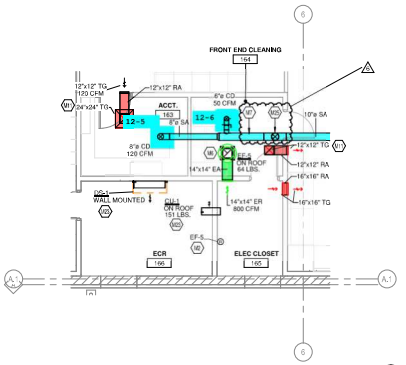
KEYED NOTES

M2	THERMOSTAT TO BE MOUNTED AT 5'0" AFF. PROVIDE LOCKABLE PROTECTIVE COVER OVER DEVICE.
M6	DUCT UP TO OPENING THRU ROOF. CONTRACTOR TO PROVIDE REVERSE ACTING THERMOSTAT FOR FAN, FAN TO ENERGIZE WHEN ROOM REACHES 85 DEG F.
M7	ROUTE SUPPLY AND RETURN DUCTWORK HORIZONTALLY ABOVE THE CEILING FOR EASE OF FUTURE ACCESS. CONFIRM FINAL HEIGHT WITH OWNER.
M9	CROSS DUCT UP THROUGH ROOF/VENT COLLAR THROUGH ROOF. DUCTS ARE ONLY TO BE FIELD ASKING ACT. ELEC. DUCTS ARE TO BE RUN STRAIGHT AND VERTICAL WHEN VISIBLE TO SALES FLOOR. REFER TO DETAIL H5D-7 FOR ADDITIONAL INFORMATION.
M11	INSTALL TRANSFER GRILLES IN ACCORDANCE WITH 2937.9.D(-1-3 ON M5.2.
M14	TEMPERATURE SENSOR FOR RTU FURNISHED BY ORIGINAL EQUIPMENT MANUFACTURER, ROUTE CONTROL WIRING THROUGH RTU AND BACK TO BUILDING CONTROL PANEL.
M23	KROGER FURNISHED SPLIT SYSTEM PROVIDED WITH LOW AMBIENT HIT AND WIND BAFFLES, MOUNT INDOOR UNIT A MINIMUM OF 7'-0" TO THE BOTTOM OF THE UNIT, AND PER MANUFACTURER'S RECOMMENDATIONS. ROUTE REFRIGERANT LINES THROUGH ROOF TO CONDENSING UNIT PER MANUFACTURER'S GUIDELINES. ROUTE INSULATED CONDENSATE TO HUB DRAIN IN AREA. COORDINATE ORIENTING OF REFRIGERANT LINESET WITH OWNER'S PROJECT MANAGER. REFERENCE H5D-11 FOR ADDITIONAL INFORMATION.
M26	DROP DUCT DOWN TO BE TIGHT TO CEILING TO AVOID VISIBILITY FROM SALES FLOORS.
M32	ROOFTOP UNIT FURNISHED BY KROGER AND INSTALLED BY MECHANICAL CONTRACTOR. AIRFLOW TO BE BALANCED TO SCHEDULED AIRFLOW BY THIRD PARTY. REFERENCE DETAIL H5S-10 ON SHEET M5.1.
M33	DUCT MOUNTED SMOKE DETECTOR TO BE INSTALLED IN THE RETURN DUCTWORK, DOWNSTREAM OF FILTERS AND UPSTREAM OF ANY BRANCH CONNECTIONS. INSTALL SAMPLING TUBE(S) AND DETECTOR HOUSING IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. DETECTOR, FAN SHUTDOWN WIRING AND CONTROLS BY OTHERS.



2 HVAC ENLARGED PLAN - BAKERY
3/16" = 1'-0"



1 HVAC ENLARGED PLAN - CUSTOMER SERVICE
3/16" = 1'-0"

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M1.4

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