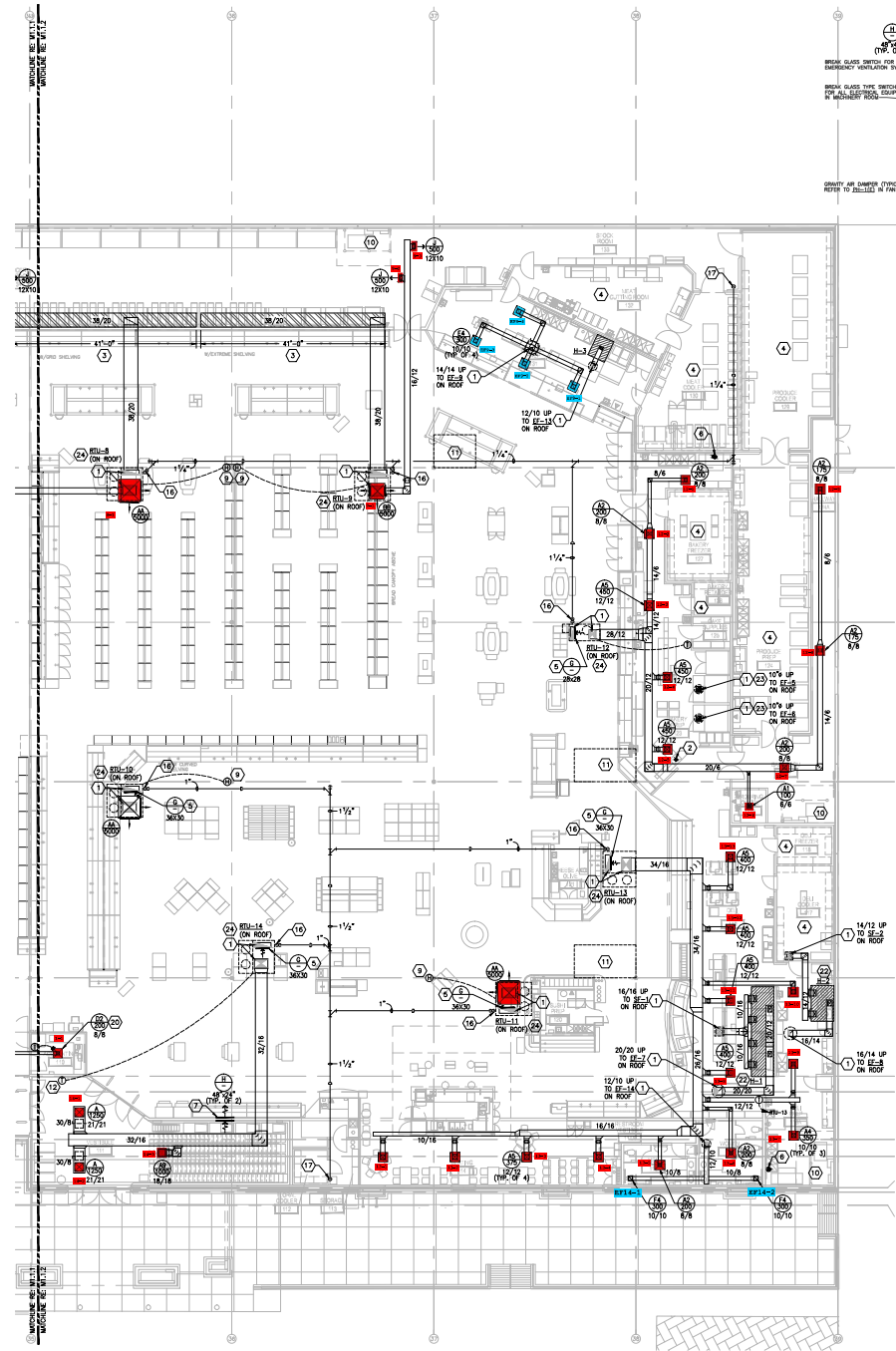
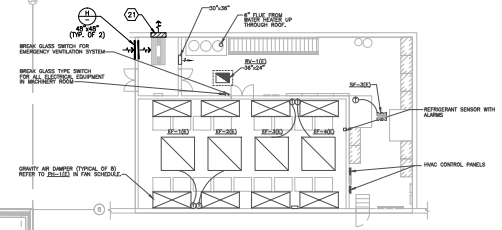




KROGER  
SW-577

EXPANSION REMODEL

7505 N. MACARTHUR BLVD  
IRVING, TX  
A DEVELOPMENT OF:  
KROGER



**MECHANICAL GENERAL NOTES**

1. REFER TO HEATING, VENTILATING AND AIR CONDITIONING SPECIFICATION AND GENERAL CONDITIONS FOR ADDITIONAL REQUIREMENTS.
2. ALL DIFFUSERS AND CEILING GRILLES SHALL BE COORDINATED WITH LAYOUT CEILING GRID AND PROVIDED BY MECHANICAL CONTRACTOR. RE: SCHEDULE ON SHEET M&T.
3. PROVIDE BALANCING DAMPERS AT POINTS ON SUPPLY, RETURN, AND EXHAUST SYSTEMS WHERE BRANCHED LEAD FROM LARGEST DUCT. AS REQUIRED FOR AIR BALANCING, PROVIDE AT A MINIMUM OF TWO DUCT BRANCH FROM BRANCH SHEET.
4. PROVIDE TURNING UNITS IN ALL RECTANGULAR 90 DEGREE WELDED ELBOWS.
5. EXISTING DIFFUSERS TO REMAIN IF IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN ALL EXISTING DIFFUSERS AND RETURN GRILLES THAT ARE NOT REPLACED.

**MECHANICAL KEYED NOTES**

(NOT ALL KEYED NOTES ARE USED ON THIS PAGE)

- 1 DUCT UP THRU ROOF. PROVIDE TRANSITION TO LIMIT/FAN FULL SIZE IN DUCT RISER.
- 2 1/2" DOUBLE WALL TYPE "T" FLUE THRU ROOF FOR DORTILLA WALKER.
- 3 3-SIDED RETURN AIR DUCT - LENGTH AS SHOWN. RE: HSD-2 ON SHEET M&T.
- 4 THIS AREA TO BE CONDITIONED BY REFRIGERATION COOLING COIL. RE: SHEET M1 FOR MORE INFORMATION.
- 5 PROVIDE RETURN AIR GRILLE IN SIDE OF EXISTING RETURN DUCT DROP. RE: HSD-1 ON SHEET M&T.
- 6 10" WELDED STAINLESS STEEL DUCT UP THRU ROOF FOR UNIVERSAL WALKER. RE: HSD-8 ON SHEET M&T.
- 7 MOUNT SENSUAL GRILLE AS HIGH AS POSSIBLE. COORDINATE LOCATION WITH MECHANICAL DRAWINGS.
- 8 TEMPERATURE SENSOR WITH SLIDE BAR ADJUST OVERSIDE TO PERMIT ADJUSTMENT FOR WIDE PHARMACY - DETERMINE RE: EM DRAWINGS FOR MORE INFORMATION.
- 9 COMMERCIAL TEMPERATURE AND HUMIDITY SENSOR FOR HVAL MOUNTED ON COLUMN 7'-4" A.F.F. (P-NET # 000-00044374) RE: EM DRAWINGS FOR MORE INFORMATION.
- 10 AIR COOLED PROXODAL UNIT CONNECTED TO HAREST CENTRAL SALES AREA UNIT HEAT RECLAIM COIL. RE: REFRIGERATION DRAWINGS AND MECHANICAL SCHEDULES ON SHEET M&T FOR MORE INFORMATION.
- 11 REFRIGERATION SYSTEM CONDENSER LOCATION ON ROOF. RE: REFRIGERATION PLANS FOR EXACT LOCATION.
- 12 TEMPERATURE SENSOR IN LOCK-BOX FOR VESTIBULE UNIT MOUNTED 5'-0" A.F.F. RE: EM DRAWINGS FOR MORE INFORMATION.
- 13 EXISTING CPC ENVIRONMENT CONTROL PANEL. FIELD VERIFY EXACT LOCATION. RE: EM DRAWINGS FOR MORE INFORMATION.
- 14 SILENT SPLIT SYSTEM FAN COIL UNIT. VERIFY REFRIGERANT PIPING COINCIDES WITHIN WALL AND ABOVE CEILING TO CONDENSING UNIT ON ROOF. COORDINATE EXACT LOCATION WITH KROGER PM PRIOR TO INSTALLATION. RE: DETAIL HSD-11(A&L) FOR MORE INFORMATION.
- 15 3/4" CONDENSATE DRAIN PIPING UP TO ABOVE CEILING.
- 16 CONDENSATE PIPING DOWN THRU ROOF INTO COST SPACE.
- 17 CONDENSATE PIPING TURN DOWN TO APPROVED PERFECT MAKE RECIPIER BELOW. RE: P1.1 FOR DRAIN LOCATIONS.
- 18 RELOCATED THERMOSTAT FOR OFFICE REZONING. FILL PROVIDE ALL REQUIRED MATERIALS FOR EXTENDING TO NEW LOCATION.
- 19 COMMERCIAL TEMPERATURE AND HUMIDITY SENSOR FOR CONTROL OF INT-SHIRT CASE HEATING MOUNTED ON COLUMN 7'-4" A.F.F. (P-NET # 000-00044374) RE: EM DRAWINGS FOR MORE INFORMATION.
- 20 ACCOUNTING ROOM WITH OPEN CEILING - MOUNT VAV SUPPLY AIR DIFFUSER AT 8'-0" A.F.F.
- 21 PROVIDE 40" x 48" ADJUSTABLE LOADS WITH DAMPER AND DAMPER EQUAL TO RUSHEN ELEMENTS. PROVIDE SHEET METAL PIPING AND CONNECT TO NEW CONNECTION AS REQUIRED. COORDINATE ALL REQUIREMENTS WITH GENERATOR MANUFACTURER.
- 22 HOOD FOR DELI-BAKERY - RE: DELI-BAKERY EQUIPMENT-SUPPLY AIR HOOD INSTALLATION DETAIL HSD-9(A&L) FOR MORE INFORMATION.
- 23 BAKERY BACK OPEN EXHAUST - RE: DETAIL HSD-10(A&L) FOR MORE INFORMATION.
- 24 PACKAGED ROOFTOP UNIT - RE: DETAILS HSD-11, HSD-12, HSD-13 AND HSD-15 ON SHEET M&T FOR MORE INFORMATION.

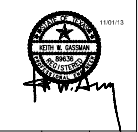
01 HVAC PLAN  
SCALE: 3/32"=1'-0"  
N

**ISSUE LOG**

NO.	DESCRIPTION	DATE
001	REV. REVIEW SET	06/21/2013
002	REV. REVIEW SET	06/21/2013
003	REV. AND PERMIT	08/14/2013
004	ADDENDUM #1	09/05/2013
005	ADDENDUM #2	09/16/2013
006	ISSUE FOR CORRECTIONS	11/01/2013



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www.obrien-cb.com



DATE	JOB	SCALE
06/18/2013	10266	AS NOTED

SHEET NO.

**AKME** M1.1.2  
HOUSTON | DALLAS/FT. WORTH | DENTON/RICHARDSON  
1802 GRIFFITH DRIVE, SUITE 100  
HOUSTON, TEXAS 77058 (972) 825-1070  
REGISTRATION # 11410  
AEC PROJECT # 10210001

HVAC PLAN  
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