



MECHANICAL GENERAL NOTES

- REFER TO HEATING, VENTILATING AND AIR CONDITIONING SPECIFICATION AND GENERAL CONDITIONS FOR ADDITIONAL REQUIREMENTS.
- ALL DIFFUSERS AND CEILING GRILLES SHALL BE COORDINATED WITH THE CEILING GRID AND PROVIDED BY MECHANICAL CONTRACTOR. RE: SCHEDULE ON SHEET ME-1.
- PROVIDE BALANCING DAMPERS AT POINTS ON SUPPLY, RETURN, AND EXHAUST SYSTEMS WHERE BRANCHES LEAN FROM LARGER DUCTS OR AS REQUIRED FOR AIR BALANCING. INSTALL AT A MINIMUM OF TWO INCHES FROM BRANCH TAKEOFFS.
- PROVIDE TURNING VANES IN ALL RECTANGULAR 90 DEGREE ELBOWS.
- EXISTING DIFFUSERS TO REMAIN: IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN ALL EXISTING DIFFUSERS AND RETURN GRILLES THAT ARE NOT REQUIRED.

MECHANICAL METHOD NOTES
(NOT ALL METHOD NOTES ARE LISTED ON THIS SHEET)

- DUCT UP THRU ROOF. PROVIDE TRANSITION TO UP/FAN FULL SIZE IN DUCT RISER.
- 1/4" DOUBLE WALL TYPE 304 STAINLESS STEEL THRU ROOF FOR TORQUE MARKS.
- 3-SEED RETURN AIR DUCT - LENGTH AS SHOWN. RE: HSD-1 ON SHEET ME-1.
- THIS AREA TO BE CONDITIONED BY REFRIGERATION COOLING COIL. RE: SHEET R1 FOR MORE INFORMATION.
- PROVIDE RETURN AIR GRILLE ON SIDE OF VERTICAL RETURN DUCT EXH. RE: HSD-1 ON SHEET ME-1.
- 1/4" WELDED STAINLESS STEEL DUCT UP THRU ROOF FOR UTILITY WALKER. RE: HSD-8 ON SHEET ME-1.
- MOUNT SIDEWALL GRILLE AS HIGH AS POSSIBLE. COORDINATE LOCATION WITH ARCHITECTURAL DRAWINGS.
- TEMPERATURE SENSOR WITH SIZE AND ADJUST DOWNSIDE TO PERMIT ALIGNMENT FOR WALKER. RE: HSD-1 ON SHEET ME-1. RE: EM DRAWINGS FOR MORE INFORMATION.
- COMBINATION TEMPERATURE AND HUMIDITY SENSOR FOR HANG MOUNTED ON COLUMN 7'-0" AFF. (P-NET # 000-0004414) RE: EM DRAWINGS FOR MORE INFORMATION.
- AIR COOLED PROTOCOL UNIT CONNECTED TO WALKER SYSTEM. SILENCE UNIT HEAT RECLAIM COIL. RE: REFRIGERATION DRAWINGS AND MECHANICAL SCHEDULE ON SHEET ME-1 FOR MORE INFORMATION.
- REFRIGERATION SYSTEMS CONDENSER LOCATION ON ROOF. RE: REFRIGERATION DRAWING FOR EXACT LOCATION.
- TEMPERATURE SENSOR IN LOOK-BOX FOR VENTILABLE UNIT MOUNTED 3'-0" AFF. RE: EM DRAWINGS FOR MORE INFORMATION.
- EXISTING OPC ENVIRONMENT CONTROL PANEL. FIELD VERIFY EXACT LOCATION. RE: EM DRAWINGS FOR MORE INFORMATION.
- DUCTLESS SPLIT SYSTEM FAN COIL UNIT. REMOVE EXISTING SPLIT SYSTEM FROM WALL AND ABOVE CEILING TO CONDENSING UNIT ON ROOF. COORDINATE EXACT LOCATION WITH KROGER PM PRIOR TO INSTALLATION. RE: DETAIL HSD-11.1(A) FOR MORE INFORMATION.
- 1/2" CONDENSATE DRAIN PUMPED UP TO ABOVE CEILING.
- CONDENSATE PUMP DOWN THRU ROOF INTO AND SPACE.
- CONDENSATE PIPING TURN DOWN TO APPROXIMATE HIGHEST INSIDE RECEPTOR BELOW. RE: P-1 FOR DRAIN LOCATIONS. RELOCATED THERMOSTATS FOR OFFICE MEZANINE FLOOR PROVIDE ALL REQUIRED MATERIALS FOR EXTENDING TO NEW LOCATION.
- COMBINATION TEMPERATURE AND HUMIDITY SENSOR FOR CENTER OF ARTS. SILENCE CASE HEATERS MOUNTED ON COLUMN 7'-0" AFF. (P-NET # 000-0004414) RE: EM DRAWINGS FOR MORE INFORMATION.
- ACCOUNTING ROOM WITH OPEN CEILING - MOUNT WALKER SUPPLY AIR DIFFUSER AT 8'-0" AFF.
- PROVIDE 40" x 40" ADJUSTABLE LEANER WITH GRAVITY BACKDRIFT DAMPER EQUAL TO ROOM PLACEMENT. PROVIDE SHEET METAL PLENUM AND CONNECT TO NEW GENERATOR AS REQUIRED. COORDINATE ALL REQUIREMENTS WITH GENERATOR MANUFACTURER.
- WALKER FAN COIL UNIT - RE: SEE SHEET HSD-11.1(A) FOR MORE INFORMATION. DETAIL HSD-11.1(A) FOR MORE INFORMATION.
- WALKER BACK OVER EXHAUST - RE: DETAIL HSD-7(A) FOR MORE INFORMATION.
- PACKAGED RECEPTOR UNIT - RE: DETAIL HSD-9-1, HSD-9-2, HSD-9-3 AND HSD-10 ON SHEET ME-1 FOR MORE INFORMATION.



KROGER
SW-577
EXPANSION REMODEL
7505 N. MACARTHUR BLVD
IRVING, TX
A DEVELOPMENT OF
KROGER

ISSUE LOG

NO.	DESCRIPTION	DATE
	90% REVIEW SET	08-21-2013
	90% REVIEW	08-21-2013
	REV AND PERMIT	08-14-2013
	ADDENDUM #1	08-20-2013
	ADDENDUM #2	08-26-2013
	PERMIT FOR CONSTRUCTION	11-01-2013



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DATE	JOB	SCALE
08/14/2013	1006	AS NOTED

SHEET NO.



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