MECHANICAL SYMBOLS

OR — NEW DUCTWORK SUPPLY DUCT RETURN OR EXHAUST DUCT SUPPLY DIFFUSER RETURN GRILLE R RISE OR DROP IN DUCT MANUAL VOLUME DAMPER SUPPLY DUCT DOWN SUPPLY DUCT UP

WALL MOUNTED DIFFUSER/GRILLE FLEXIBLE DUCT CONNECTION THERMOSTAT, MOUNTING HEIGHT BY ARCHITECT. FAN CONTROLLER, MOUNTING HEIGHT BY ARCHITECT. SENSOR, MOUNTING HEIGHT BY ARCHITECT. CARBON MONOXIDE SENSOR, MOUNTING HEIGHT BY ARCHITECT

ACCESS DOOR MANUAL VOLUME DAMPER MOTORIZED DAMPER COMBINATION FIRE AND SMOKE DAMPER

SUPPLY DIFFUSER, RETURN OR EXHAUST GRILLE TYPE EQUIPMENT TYPE AND DESIGNATION

REFRIGERANT SUCTION

FLOOR PLAN NOTES

1 CONDENSING UNIT. RE: SCHEDULE. INSTALL LEVEL ON 4" HIGH CONCRETE PAD. CONNECT REFRIGERANT AND CONTROL WIRING TO ASSOCIATED AIR HANDLER, CONNECT TO INDOOR UNITS AS REQUIRED. SUPPORT ALL PIPING WITH PREMANUFACTURED PIPE SUPPORTS AND COAT ALL EXPOSED INSULATION WITH ULTRAVIOLET PROTECTION. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

2 NEW ROOFTOP UNIT. INSTALL ON 14" HIGH SLOPED ROOF CURB. COORDINATE EXACT LOCATION WITH STRUCTURAL DRAWINGS. RE: DETAIL.

3 EXHAUST FAN. RE: SCHEDULE. INSTALL ON ROOF WITH MANUFACTURER SUPPLIED 14" HIGH SLOPED ROOF CURB. RE: DETAIL.

4 PROVIDE OPENING IN RETURN AIR PLENUM WITH MANUAL BALANCE DAMPER. BALANCE TO CFM INDICATED IN FAN COIL UNIT SCHEDULE. SIZE AS INDICATED.

5 INDOOR FAN COIL UNIT. RE: SCHEDULE. SECURLEY SUSPEND UNIT FROM STRUCTURE ABOVE CEILING WITH MANUFACTURER SUPPLIED SUSPENSION KIT. ROUTE CONDENSATE DRAIN AS INDICATED. SIZE AND ROUTE REFIRGERANT LINES TO CONDENSING UNIT PER MANUCTURER'S WRITEN RECOMMENDATIONS. CONCEAL ALL PIPING WITHIN WALLS AND/OR ABOVE CEILING. RE: DETAIL.

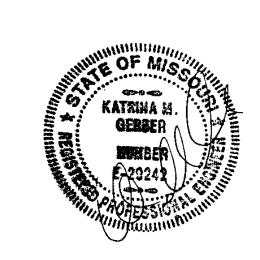
6 OUTSIDE AIR DUCT. ROUTE THROUGH EXTERIOR WALL AND TERMINATE WITH WALL CAP.

7 RETURN AIR BOOT. RE: DETAIL.

8 RETURN AIR TRANSFER OPENING IN WALL. SIZE PER PLANS.

9 RETURN AIR TRANSFER DUCT. SIZE PER PLANS.

10 CONDENSATE DRAIN. ROUTE TO EXTERIOR WALL AND DOWN TO 6" ABOVE FINISHED GRADE. TURN DOWN WITH 90° ELBOW AND INSECT SCREEN.



SEPTEMBER 2, 2014

REVISED DATE:

SHEET CONTENTS:

• FLOOR PLAN
• MECHANICAL

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M101 NOT FOR CONSTRUCTION

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