



MECHANICAL SYMBOLS

- NEW DUCTWORK
- SUPPLY DUCT
- RETURN OR EXHAUST DUCT
- SUPPLY DIFFUSER
- RETURN GRILLE
- 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
- FIRE DAMPER
- SUPPLY DIFFUSER, RETURN OR EXHAUST GRILLE TYPE
- EQUIPMENT TYPE AND DESIGNATION
- CONDENSATE DRAIN
- REFRIGERANT SUCTION
- REFRIGERANT LIQUID

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. SECURELY SUSPEND UNIT FROM STRUCTURE ABOVE CEILING WITH MANUFACTURER SUPPLIED SUSPENSION KIT. ROUTE CONDENSATE DRAIN AS INDICATED. SIZE AND ROUTE REFRIGERANT LINES TO CONDENSING UNIT PER MANUFACTURER'S WRITTEN 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.

DATE:
● SEPTEMBER 2, 2014

REVISED DATE:
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ROCK PORT R-2 - HIGH SCHOOL GYMNASIUM ADDITION

ROCK PORT R-2 SCHOOLS
ROCK PORT R-2 - ROCK PORT HIGH SCHOOL - 600 S. NEBRASKA ST., ROCK PORT, MO

SHEET CONTENTS:
● FLOOR PLAN - MECHANICAL

HTK PROJECT NUMBER:
● 1307.04-002

SHEET NUMBER:
M101
NOT FOR CONSTRUCTION

1 ENTRY LEVEL FLOOR PLAN-MECHANICAL NEW WORK
SCALE: 1/8" = 1'-0"

