



2 HVAC MEZZANINE PLAN
SCALE: 1/8"=1'-0"

1 HVAC FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"

LEGEND

③	TEMPERATURE SENSOR
①	THERMOSTAT CONTROL
⑤	SMOKE DETECTOR

CM	CHIBG FEET	NK	NECK
DN	PER MINUTE	AF	ADJACENT FINISHED FLOOR
CD	CONDENSATE DRAIN	EXH	EXHAUST
SA	SUPPLY AIR	RECD	REQUIRED
RA	RETURN AIR	DWPR	DAMPER
FD	FIRE DAMPER		

⊗	CEILING SUPPLY DIFFUSER
⊘	RETURN OR EXHAUST DUCT IN SECTION
⊚	CEILING RETURN GRILLE
⊙	MIRRED ELBOW
⊛	RADIUS ELBOW
⊜	ROUNDS DAMPER
⊝	AIR DEVICE TYPE
⊞	NOTES BY SYMBOL

⊗	SUPPLY DUCT IN SECTION
⊘	RETURN OR EXHAUST DUCT IN SECTION
⊚	MIRRED ELBOW
⊛	RADIUS ELBOW
⊜	ROUNDS DAMPER
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1. SUPPLY AIR DUCT TRANSITION DOWN FROM UNIT AS REQUIRED IN THE VERTICAL TO RECTANGULAR ELBOW. SMOOTH TRANSITION WITH TWO DRAINING LEADS TO THE UNIT. REFER TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE UNIT. RE: 14.2.1, EXAMPLE "C" AND SMOKE DETECTOR CONSTRUCTION STANDARDS P.2.3, FIG. 2-2. THE RE: 3 ROUNDS ELBOW WITH VAVES.
2. SUPPLY AIR DUCT DANGER FLOW BRANCH, RE: 3. SMOKE DETECTOR CONSTRUCTION STANDARDS P.2.3, FIG. 2-5, THE "4".
3. RETURN AIR DUCT TRANSITION DOWN FROM UNIT AS REQUIRED IN THE VERTICAL TO RECTANGULAR ELBOW. SMOOTH TRANSITION WITH TWO DRAINING LEADS TO THE UNIT. REFER TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE UNIT. RE: 14.2.1, EXAMPLE "C" AND SMOKE DETECTOR CONSTRUCTION STANDARDS P.2.3, FIG. 2-2. THE RE: 3 ROUNDS ELBOW WITH VAVES.
4. DUCT DETECTORS SHALL BE ACCESSIBLE FOR CLEANING AND MOUNTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. DETECTOR REPAIR SHALL BE PROVIDED IN ACCORDANCE WITH NFPA 90A. THE LOCATION OF ALL DETECTORS IN AIR DUCT SYSTEMS SHALL BE PERMANENTLY AND CLEARLY IDENTIFIED AND RECORDED.
5. 4" EA. FLEX TRAP ROOF CONCRETE ROUTING AND SPONGE NYLON DUCT COORDINATE LOCATION WITH ARCH. RE: 10/M-01.

GENERAL NOTES

1. GENERAL NOTES ARE APPLICABLE TO ALL HVAC DRAWINGS.
2. PROVIDE MAKE UP AIR TO THE EXHAUSTS, REISSUES, AIRHANDLERS, OR SUPPLEMENTARY OF APPLICABLE EXHAUSTS, GRINDERS, COORS EJECTOR, OR OTHERS. THE EXHAUSTS SHALL BE RECORDED IN THE ASHTRAY AREA. REFER TO THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE UNIT. RE: 14.2.1, EXAMPLE "C" AND SMOKE DETECTOR CONSTRUCTION STANDARDS P.2.3, FIG. 2-2. THE RE: 3 ROUNDS ELBOW WITH VAVES.
3. WHERE APPROVED STANDARDS HAVE BEEN ESTABLISHED BY OSHA, UNDERWRITERS LABORATORIES, AMERICAN CONCRETE, ASA, ASHRAE, ARI, INC, STATE FIRE INSURANCE, REGULATION BODY, NFPA, OR OTHERS, THESE STANDARDS SHALL BE FOLLOWED WHETHER OR NOT INDICATED ON THE DRAWING AND SPECIFICATIONS.
4. ALL DUCT TO BE OF "F" PRESSURE CLASS, UNLESS NOTED OTHERWISE.
5. REFER TO STRUCTURAL DRAWINGS FOR EXACT LOCATION OF ROOF-TOP EQUIPMENT.
6. PROVIDE TURNING VAVES IN SUPPLY DUCTS AND GRILLE LOCATIONS. LOCATE DIFFUSERS AND GRILLES TO ACCOMMODATE LIGHTING LAYOUT.
7. PROVIDE TURNING VAVES IN SUPPLY DUCTS, PROVIDE TURNING VAVES IN RETURN AND EXHAUST ELBOWS ONLY WHERE INDICATED ON PLANS.
8. DUCT HANGER DETAIL 3/16-01 IS APPLICABLE THROUGHOUT THE STORE, UNLESS NOTED OTHERWISE. DUCTWORK SHALL NOT BE SUPPORTED FROM BRACING. DO NOT USE FASTENERS THAT PENETRATE ROOF DECK.
9. REFER TO DETAIL 9/M-01 FOR DRYER/RETURN GRILLE INSTALLATION.
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11. ALL EXPOSED DUCTWORK SHALL BE INSULATED WITH 1" MINIMUM INSULATION.
12. REFER TO 9/M-01 FOR ALL BRANCH TAKE-OFF CONNECTIONS.
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14. ALL PIPING, DUCTS, VENTS, EXTENDING THROUGH WALLS & ROOF SHALL BE FLASHED, COUNTER FLASHED IN A WATERPROOF MANNER. RE: 9/M-01

<p>CVS/ pharmacy</p> <p>NEW</p> <p>STORE NUMBER: 329</p> <p>NORTHGATE PLAZA 91 AUBURN STREET PORTLAND, MAINE</p> <p>DEVELOPER: A & D REALTY, LLC 5 MULTIA DRIVE LEXINGTON, MA 02421</p>	<p>REVISIONS:</p> <p>DRAWING BY: JHP</p> <p>DATE: 8/31/09</p> <p>JOB NUMBER: 209017</p> <p>TITLE: HVAC FIRST & MEZZANINE FLOOR PLAN</p> <p>SHEET NUMBER: M-1.1</p> <p>COMMENTS: ISSUED FOR CONSTRUCTION</p>	<p>CONSULTANT:</p> <p>R.W. Sullivan Engineering 1000 The SouthCoast Center 1000 Rte. 1A Portsmouth, NH 03801</p>	<p>SEAL:</p>	<p>BKA Architects, Inc. Architecture + Interiors</p> <p>142 Crescent Street Brockton, MA 02302</p> <p>tel: 508.689.6603 fax: 508.684.2914 e-mail: bka@bkaarch.com</p>
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