



THERMOSTAT SET POINTS

MODE	OCCUPIED	UNOCCUPIED
COOLING	75 DEGREES	85 DEGREES
HEATING	68 DEGREES	55 DEGREES

THERMOSTATS FOR HEATING AND COOLING SHALL HAVE A SET RANGE FROM 55 DEGREES TO 85 DEGREES ADJUSTABLE TO PROVIDE A RANGE OF 10 DEGREES BETWEEN FULL HEATING AND FULL COOLING. ALL HEATING AND COOLING THERMOSTATS SHALL BE DESIGNED TO TERMINATE ALL HEATING AT 68 DEGREES AND ALL COOLING AT 75 DEGREES. HVAC EQUIPMENT SHALL COMPLY WITH GOVERNING ENERGY CODE.

THE MINIMUM DISTANCE BETWEEN AN EXHAUST TERMINATION AND A FRESH AIR INTAKE IS 10 FEET (MFC 401.4 & 501.3.1)

SMOKE DETECTORS:
UPON ACTIVATION OF SMOKE DETECTORS THE UNITS MUST COMPLY WITH SECTION 606.2.1 OF THE 2012 INTERNATIONAL MECHANICAL CODE PER IMC 2012 - SECTION 606.4 "CONTROLS OPERATION" UPON ACTIVATION, THE SMOKE DETECTORS SHALL SHUT DOWN ALL OPERATIONAL CAPABILITIES OF THE AIR DISTRIBUTION SYSTEM IN ACCORDANCE WITH THE LISTING AND LABELING OF APPLIANCES USED IN THE SYSTEM. AIR DISTRIBUTION SYSTEMS THAT ARE PART OF A SMOKE CONTROL SYSTEM SHALL SWITCH TO THE SMOKE CONTROL MODE UPON ACTIVATION OF A DETECTOR.

DUCT INSULATION NOTE:
ALL DUCTWORK LOCATED IN UNCONDITIONED SPACES SHALL BE "R" VALUE OF R-5. ALL DUCTWORK OUTSIDE THE BUILDING SHALL BE "R" VALUE OF R-8.
• THE MAXIMUM FLAME SPREAD SHALL BE NOT MORE THAN 25 AND THE MAXIMUM SMOKE DEVELOPED INDEX RATING SHALL BE NO MORE THAN 450 FOR ALL DUCT LINER AND INSULATION MATERIALS - PER IBC 720.

HVAC UNIT INFORMATION:
THIS SPACE IS SERVED BY A MULTI-ZONE VAV SYSTEM THAT SERVES THIS SPACE AND THE ADJACENT SPACES. THE OUTSIDE AIR FOR THE BUILDING IS PROVIDED AS PART OF THE BUILDING PACKAGED HVAC EQUIPMENT.
CONTRACTOR SHALL COORDINATE THE PLACEMENT OF NEW 7 DAY PROGRAMMABLE T-STATS WITH NEW LAYOUT AS REQUIRED.

1 MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



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DATE: 2017-09-21

REVISIONS:

NO.	DATE	DESCRIPTION	BY
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lift • tone • burn

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SHEET TITLE:
MECHANICAL PLAN

PROJECT NUMBER: 17-A094

DATE: 2017-09-21

SHEET NO.

AM-1

SHEET 2 OF 3

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