SHEET NOTES:

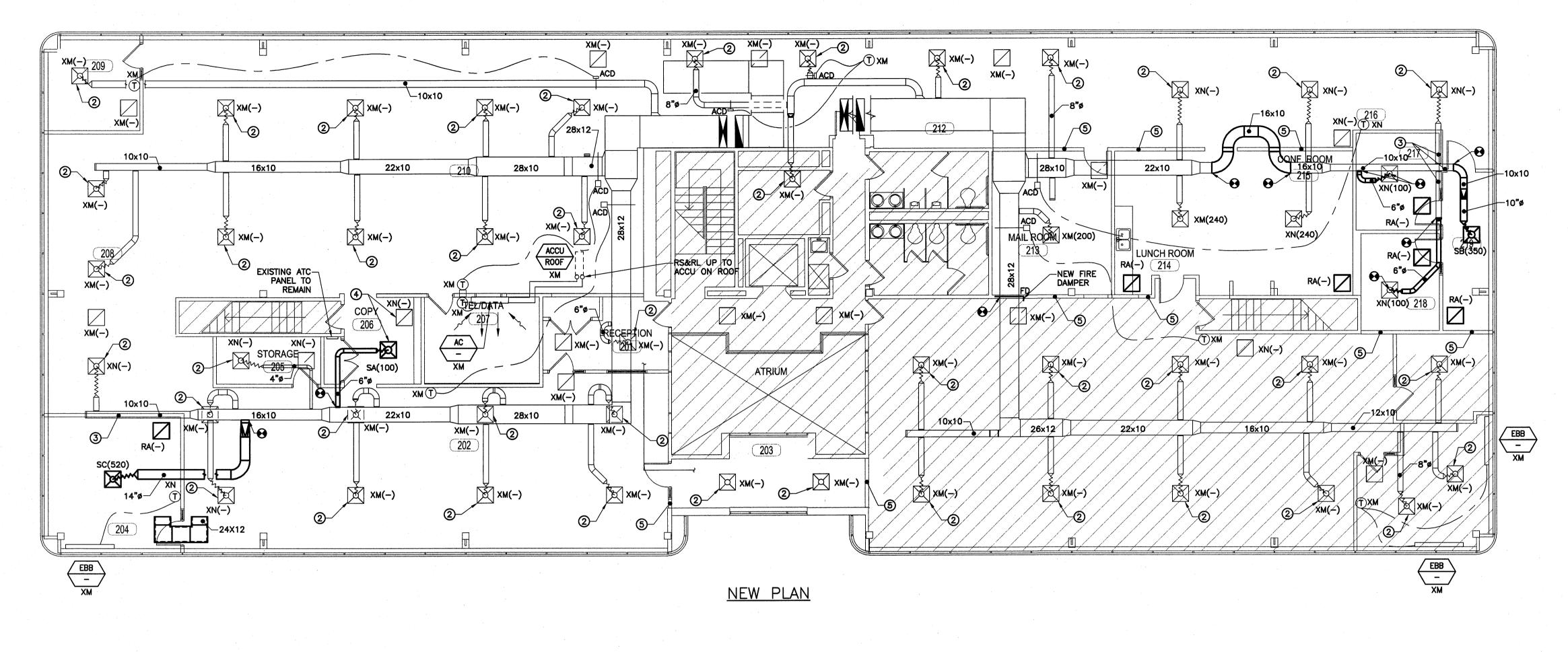
- 1. REFER TO SHEET HO.OO FOR HVAC LEGEND, SYMBOLS AND ABBREVIATIONS.
- 2. CONTRACTOR TO ENSURE A RETURN AIR PATH IS AVAILABLE FROM ALL ROOMS AND SPACES BACK TO THE MAIN RETURN AIR DUCT INLETS. CONTRACTOR SHALL PROVIDE TRANSFER DUCTS AT ALL FULL HEIGHT PARTITIONS. TRANSFER DUCTS SHALL BE SIZED FOR THE TOTAL AIR FLOW OF THE SPACE, BASED ON THE PRE—DEMOLITION BALANCING WITH A VELOCITY OF 300 FEET PER MINUTE. ALL TRANSFER DUCTS SHALL BE LINED AND CONSTRUCTED ACCORDING TO DETAIL. PROVIDE FIRE DAMPERS IN ALL TRANSFER DUCTS PENETRATING FIRE RATED ASSEMBLIES.
- 3. PROVIDE VOLUME DAMPERS AT EACH DIFFUSER, REGISTER AND GRILLE (AIR DEVICE). DAMPERS SHALL BE OPPOSED BLADE ADJUSTABLE TYPE. ALL VOLUME DAMPERS SHALL BE ACCESSIBLE.
- 4. THERMOSTATS SHALL BE MOUNTED 4'-0" ABOVE FINISHED FLOOR, COORDINATE EXACT LOCATION WITH THE ARCHITECT.
- 5. CONTRACTOR TO COORDINATE ALL BUILDING SHUTDOWNS AND CUT AND CAP OPERATIONS WITH BUILDING MANAGEMENT.
- 6. ALL EXISTING DUCTWORK WHICH IS TO BE REUSED SHALL BE CLEANED, REINFORCED, INSULATED, LINED, SEALED AND BRACED AS PER SPECIFICATIONS.
- 7. CONTRACTOR SHALL FIELD VERIFY ALL DUCT SIZES AND LOCATIONS AND SHALL INFORM ENGINEER OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.
- 8. CONTRACTOR SHALL ENSURE ALL EXISTING EQUIPMENT IS OPERATING PROPERLY PRIOR TO REUSE AND SHALL REPLACE ANY EQUIPMENT OR COMPONENTS NOT
- 9. PROVIDE FIRE DAMPERS AT ALL FIRE RATED ASSEMBLIES, REFER TO DETAIL.
- 10. CONTRACTOR SHALL REUSE EXISTING DIFFUSERS AND PROVIDE NEW DIFFUSERS TO MATCH EXISTING.
- 11. PROVIDE EXISTING ROOFTOP UNITS WITH NEW FILTERS PRIOR TO OCCUPANCY.
- 12. REMOVE EXISTING DUCTWORK TO POINT SHOWN AND CUT, CAP AND SEAL REMAINING DUCTWORK AS REQUIRED.
- 13. CONTRACTOR SHALL NOTIFY ENGINEER AT ALL AREAS WHERE NEW DUCTWORK INTERFERES WITH EXISTING DUCTWORK, PIPING, STRUCTURE AND OTHER OBSTRUCTIONS AND SHALL PROVIDE A SKETCH OF THE AREA SHOWING ALL OBSTRUCTIONS TO THE ENGINEER TO DETERMINE A VIABLE SOLUTION.

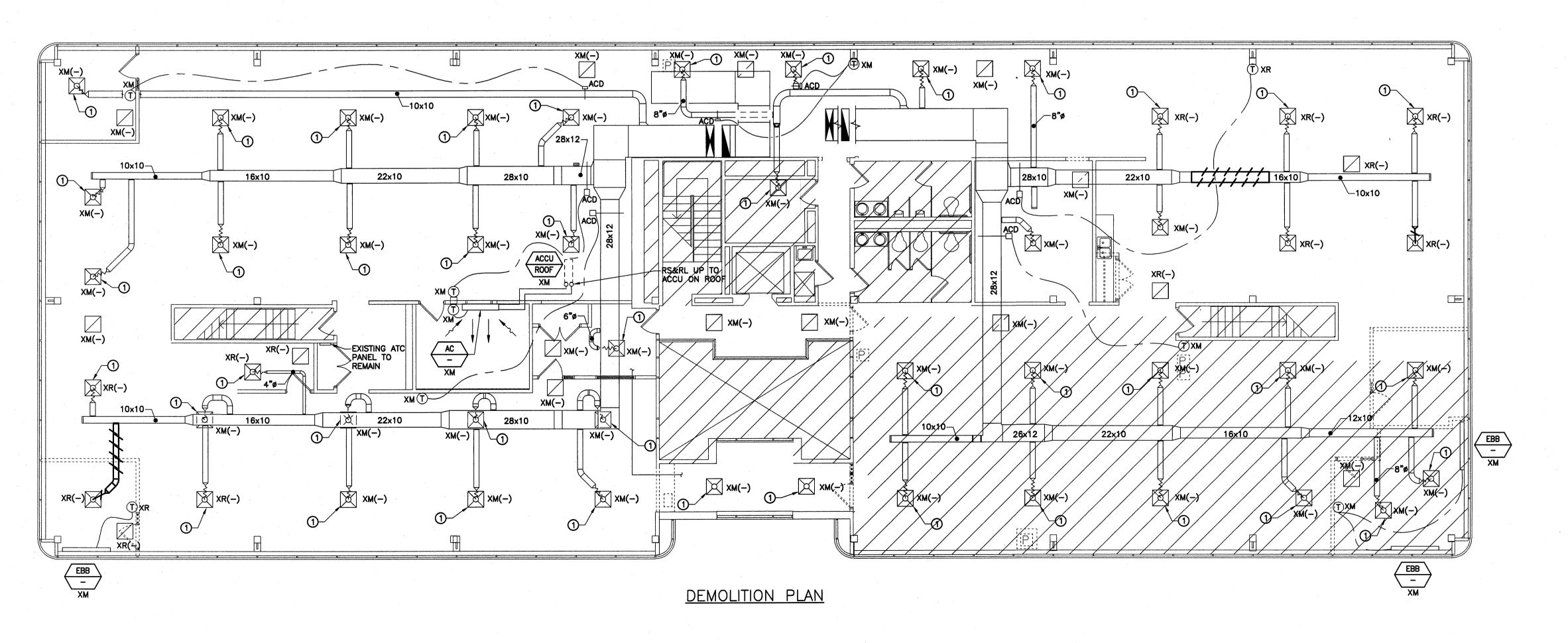
KEY NOTES:

- 1 PRIOR TO THE START OF CONSTRUCTION, CONTRACTOR SHALL READ EXISTING DIFFUSER AIR FLOW.
- ② BALANCE EXISTING DIFFUSER TO AIR FLOW MEASURED PRIOR TO CONSTRUCTION.
- 3 CONTRACTOR SHALL PROVIDE BREAKOUT COST TO RELOCATE EXISTING DUCT IF CURRENT LOCATION INTERFERES WITH NEW WALL CONSTRUCTION. CONTRACTOR SHALL RELOCATE SECTION OF DUCTWORK AND RECONNECT TO EXISTING DUCT AS REQUIRED.
- 4 PROVIDE SUPPLY DIFFUSER AND RETURN GRILLE IF EXISTING SPACE DOES NOT CURRENTLY HAVE A SUPPLY DIFFUSER AND RETURN GRILLE.
- IF PARTITION IS A FULL HEIGHT PARTITION IS A FULL HEIGHT (FLOOR TO DECK)
 PARTITION, CONTRACTOR SHALL PROVIDE TRANSFER DUCTS. TRANSFER DUCTS
 SHALL BE SIZED FOR THE TOTAL AIR FLOW OF THE SPACE, BASED ON THE
 PRE-DEMOLITION BALANCING, WITH A VELOCITY OF 300 FEET PER MINUTE.
 TRANSFER DUCTS SHALL BE LINED AND CONSTRUCTED ACCORDING TO DETAIL.
 PROVIDE FIRE DAMPERS IN TRANSFER DUCTS PENETRATING FIRE RATED
 ASSEMBLIES.

GENERAL NOTE:

EXISTING HVAC WORK SHOWN ON THESE PLANS WAS <u>NOT</u> FIELD VERIFIED BY RDK ENGINEERS. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS PRIOR TO THE COMMENCEMENT OF ANY WORK. RDK ENGINEERS <u>WILL NOT</u> BE HELD RESPONSIBLE FOR ANY EXISTING CONDITIONS DISCREPANCIES FOUND DURING CONSTRUCTION.



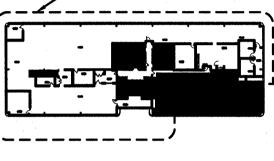


56 NORTHPORT DRIVE (1361 WASHINGTON AVENUE) PORTLAND, ME

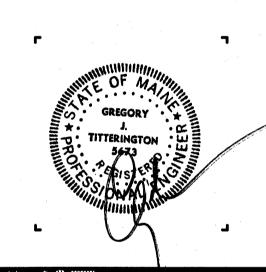




PROJECT SCOPE









311 SUMMER STREET BOSTON, MA 02210 617.234.3100

Date

12/23/08

ISSUANCES

No. Description

1 ISSUED FOR PERMIT

	100022101112111111	-
Checked by:		

HVAC PLAN 2ND FLOOR

Drawing Scale: 1/8" = 1'-0"

Job No. 20080729

H-202