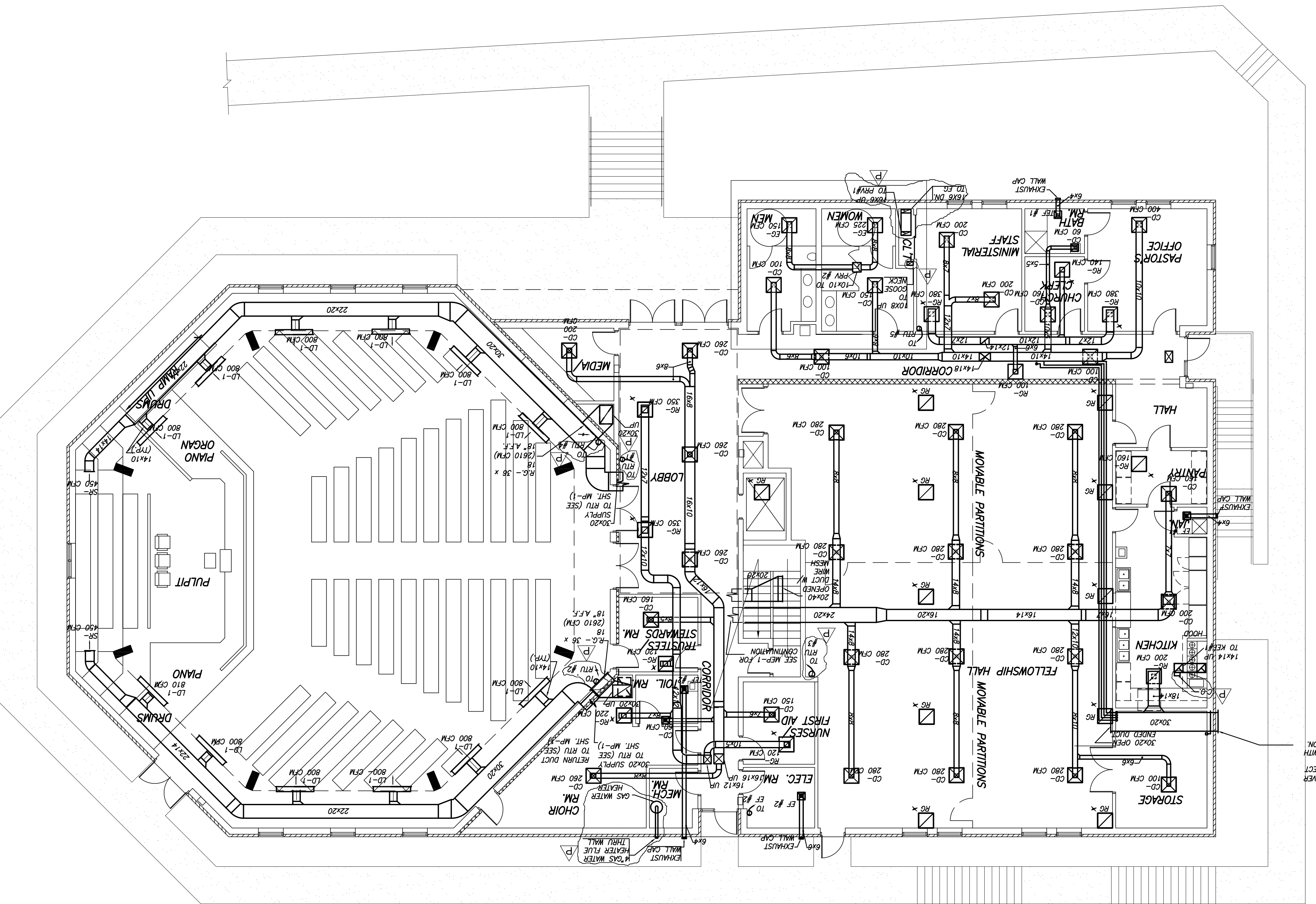


SCALE: 1/8"=1'-0"  
GROUND FLOOR PLAN - MECHANICAL



- MECHANICAL LEGEND**
- NEW DUCTWORK
  - SIDE REGISTER (SR)
  - FLEXIBLE CONNECTION
  - CEILING DIFFUSER (CD)
  - RETURN GRILLE (RG)
  - THERMOSTAT
  - TOILET EXHAUST FAN (TE) OR EXHAUST FAN (EF)
  - EXHAUST DUCT UP
  - RETURN DUCT UP
  - SUPPLY DUCT UP
  - TRANSFER DUCT W/ FIRE DAMPER
  - CONDENSATE LINE
  - REFRIGERANT LINE (REF)
  - POINT OF CONNECTION
  - NEW TO EXISTING
  - VARIABLE VOLUME
  - TRANSFER DAMPER
  - BT-PASS DAMPER
  - OUTSIDE AIR DAMPER
  - RETURN AIR DAMPER
  - FIRE DAMPER
  - AIR HANDLING UNIT
  - CUBIC FEET PER MINUTE
  - CONDENSING UNIT
  - DOWN
  - TYPICAL
  - OUTSIDE AIR
  - EXISTING
  - AUTOMATIC TEMPERATURE CONTROL PANEL

DO NOT RELIEF AIR LOUVER  
W/ SWANSTON AND INSECT  
SCREENS PROVIDE  
BAMBOO DAMPER WITH  
BACK DRAFT PROTECTION.

- MECHANICAL NOTES**
1. THE MECHANICAL CONTRACTOR SHALL PROVIDE A COMPLETE AND FUNCTIONING MECHANICAL SYSTEM IN ACCORDANCE WITH THE GENERAL CONDITIONS OF CONTRACT AND THE MECHANICAL SPECIFICATIONS AND NOTES TO THESE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITIES.
  2. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES THAT GOVERN AND BASE CONTRACT DOCUMENTS AND SPECIFICATIONS.
  3. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE REFLECTED CEILING PLAN, CEILING HEIGHTS, AND COMPONENTS.
  4. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, RETRAINING TO HIS WORK PRIOR TO THE START AND DURING THE COURSE OF CONSTRUCTION AS REQUIRED.
  5. ALL ROOF DUCT SHALL BE DAMPERED WITH METAL OR ROOFER GABLE AND SHALL BE INSTALLED IN ACCORDANCE WITH SMOKE AND ASHRAE STANDARDS FOR LOW PRESSURE DUCT MOUNT DUCT AT MINIMUM HEIGHT.
  6. MOUNT THERMOSTAT AT 5'-6" A.F.F.
  7. ALL DIFFUSERS ARE 24" X 24" BAR LAY-IN, BUILDING STANDARD UNLESS OTHERWISE NOTED.
  8. CONTRACTOR SHALL PAY FOR AND COORDINATE ALL ROOF PENETRATIONS.
  9. CONTRACTOR SHALL COORDINATE AND PAY FOR ALL GAS AND/OR ELECTRIC POWER CONNECTIONS AND ALL CONTROL WIRING.
  10. CONTRACTOR SHALL COORDINATE AND PAY FOR ALL GAS AND/OR ELECTRIC POWER CONNECTIONS AND ALL CONTROL WIRING.
  11. PROVIDE 1" SOUND INSULATION A MINIMUM OF 10'-0" FROM FAN ROOM.
  12. FURNISH CONSULTATION AND ADVICE ON ALL DUCTS IN UNOCCUPIED AREAS.
  13. ALL TAKE-OFFS SHALL BE PROVIDED WITH MANUAL SHEET METAL DAMPERS.
  14. TESTING AGENCY APPROVED BY THE CONTRACTING OFFICE, WHICH SPECIALIZES IN DAMPING AND TESTING OF HVAC SYSTEMS, MUST AIR TERMINALS TO PROVIDE AIR FLOWS AS DESIGNED AND SUBMIT WRITTEN REPORT.

Drawing No. <b>M-2</b>										
Date: <b>NOV. 29, 2005</b>										
Scale: <b>1/8"=1'-0"</b>										
Drawn: <b>PAL</b>										
Checked: <b>C.FORD</b>										
File No. <b>BETH_A01</b>										
Philip Aaron Lacy, Architect 4013 21st. Place Temple Hills, Maryland 20778 Phone: 301-894-7979										
Project Title: <b>BETH SHALOM A.M.E. ZION CHURCH</b> 2501 RITCHEE ROAD DISTRICT HEIGHTS, MARYLAND 20735										
Certification: 										
Engineers: <b>CHARLES FORD &amp; ASSOCIATES</b> CONSULTING - ENGINEERS & PLANNERS 4329 GREENWAY AVE., SUITE 200, WASHINGTON, D.C. 20022-4140										
Revisions: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">①</td> <td style="width: 80%;">PERMIT</td> <td style="width: 10%; text-align: center;">10-3-07</td> </tr> <tr> <td style="text-align: center;">②</td> <td>PERMIT</td> <td style="text-align: center;">07-8-08</td> </tr> <tr> <td style="text-align: center;">③</td> <td>PERMIT</td> <td style="text-align: center;">11/06/08</td> </tr> </table>	①	PERMIT	10-3-07	②	PERMIT	07-8-08	③	PERMIT	11/06/08	Date: <b>10-3-07</b> <b>07-8-08</b> <b>11/06/08</b>
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