

- KEYED NOTES – MECHANICAL:**  
(NOT ALL OF THE NOTES APPLY TO THIS SHEET)
- PROVIDE DOOR WITH 12"x12" LOWER EQUAL TO GREENIECK MODEL EHH WITH A MAXIMUM PRESSURE DROP OF 0.25 (W.G). LOWER SHALL BE INSTALLED WITHIN 1 FT OF THE FLOOR.
  - ROUTE 18"x14" SUPPLY AIR DUCT UP TO RTU-7 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
  - ROUTE 12"x10" RETURN AIR DUCT UP TO RTU-7 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
  - 12"x12" EXHAUST AIR DUCT UP TO EF-8 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
  - NOT USED.
  - PROVIDE AND INSTALL ROOM PRESSURE MONITOR, PHOENIX MODEL NO. CRC-RM2 OR APPROVED EQUAL. COORDINATE EXACT HEIGHT WITH OWNER.
  - PROVIDE AND INSTALL DRY AIR FILTER ALARM MODEL #11-2.
  - ROUTE 16"x16" SUPPLY AIR DUCT UP TO RTU-1 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
  - ROUTE 14"x14" RETURN AIR DUCT UP TO RTU-5 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
  - EQUIPMENT LOCATED ON ROOF. RE: 2/M103.
  - PROVIDE AND INSTALL SINGLE DUCT VAV BOX AS SPECIFIED ON SCHEDULE. UNIT SHALL BE SUSPENDED FROM THE STRUCTURE ABOVE. RE: 5/M302.
  - ROUTE 12"x12" EXHAUST AIR DUCT UP TO EF-1 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
  - ROUTE 14"x12" SUPPLY AIR DUCT UP TO RTU-1 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
  - ROUTE 14"x14" RETURN AIR DUCT UP TO RTU-1 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
  - ROUTE 16"x16" SUPPLY AIR DUCT UP TO RTU-2 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
  - ROUTE 16"x16" RETURN AIR DUCT UP TO RTU-2 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
  - ROUTE 14"x14" SUPPLY AIR DUCT UP TO RTU-3 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
  - ROUTE 14"x14" RETURN AIR DUCT UP TO RTU-3 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
  - ROUTE 12"x12" EXHAUST AIR DUCT UP TO EF-5 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
  - ROUTE 10"x10" EXHAUST AIR DUCT UP TO EF-4 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
  - ROUTE 20"x20" SUPPLY AIR DUCT UP TO RTU-4 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
  - ROUTE 18"x18" RETURN AIR DUCT UP TO RTU-4 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
  - ROUTE 10"x10" EXHAUST AIR DUCT UP TO EF-3 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
  - ROUTE 10"x8" EXHAUST AIR DUCT UP TO EF-6 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
  - ROUTE 20"x20" SUPPLY AIR DUCT UP TO RTU-8 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
  - ROUTE 20"x18" RETURN AIR DUCT UP TO RTU-6 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
  - NOT USED.
  - NOT USED.
  - NOT USED.
  - 14"x14" EXHAUST AIR DUCT UP TO EF-7 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
  - PROVIDE AND INSTALL UL LISTED FIRE/SMOKE DAMPER IN RAITD WALL. INSTALL PER MANUFACTURER INSTRUCTIONS TO MAINTAIN FIRE RATING.
  - ROUTE 8"x8" EXHAUST AIR DUCT UP TO EF-9 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
  - ROUTE 8"x8" EXHAUST AIR DUCT UP TO EF-10 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
  - INSTALL EHH-1 PER MANUFACTURER'S RECOMMENDATIONS.
  - STAINLESS STEEL RETURN AIR GRILLE. BOTTOM OF RETURN AIR GRILLE SHALL BE LOCATED NOT MORE THAN 12" ABOVE THE FINISHED FLOOR. NOT LESS THAN 6" ABOVE THE FINISHED FLOOR. IT IS RECOMMENDED THE BOTTOM OF RETURN AIR GRILLE LOCATED 9" ABOVE FINISHED FLOOR.
  - ROUTE 12"x8" EXHAUST AIR DUCT DOWN.
  - PROVIDE DAMPER WITH YOUNG REGULATOR REMOTE CABLE SYSTEM. COORDINATE THE EXACT LOCATION OF COVER PLATE AND COLOR WITH ARCHITECT.

- SHEET NOTES – MECHANICAL:**
- CONTRACT DOCUMENTS ARE DIAGRAMMATIC IN NATURE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION.
  - COORDINATE DIFFUSER AND GRILLE PLACEMENT WITH ARCHITECTURAL, ROP, LIGHTING AND OTHER CEILING MOUNTED DEVICES.
  - NO INTERNAL DUCT LINING SHALL BE PERMITTED ON THIS JOB.
  - CONTRACTOR SHALL USE HOSPITAL GRADE EQUIPMENT AND MATERIALS.

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

**FFPA AIR STUDIO**  
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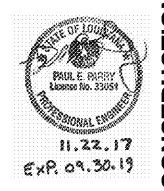
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**CONSTRUCTION REISSUE SET**

Project No. 1607050  
Drawn: DL/MP  
Checked: MZ  
Date: November 22, 2017

No.	Description	Date



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Exp. 09.30.19

**M101**  
MECHANICAL  
FLOOR PLAN

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