



FFPA AIR STUDIO
 OFFICE: 1500 BOBBELL AVENUE SUITE H1
 BAYON ROUGE, LOUISIANA 70009
 TEL: 847.740.7406

IMEG
 15716 RESEARCH BLVD
 SUITE 305
 HOUSTON, TX 77058
 TEL: 281.416.6336
 WWW.IMEGPROJECTS.COM

Prairieville General Hospital
 37358 Market Place Dr.
 Prairieville, LA 70769

Shawn Kesterson and Associates
 Robert C. Murray, AIA
 Architectural & Construction Services
 13438 Boudreaux Ln., Ste. 202
 Houston, TX 77040
 Tel: 281.665.5716
 Email: shawn@shawnkesterson.com

No.	Description	Date

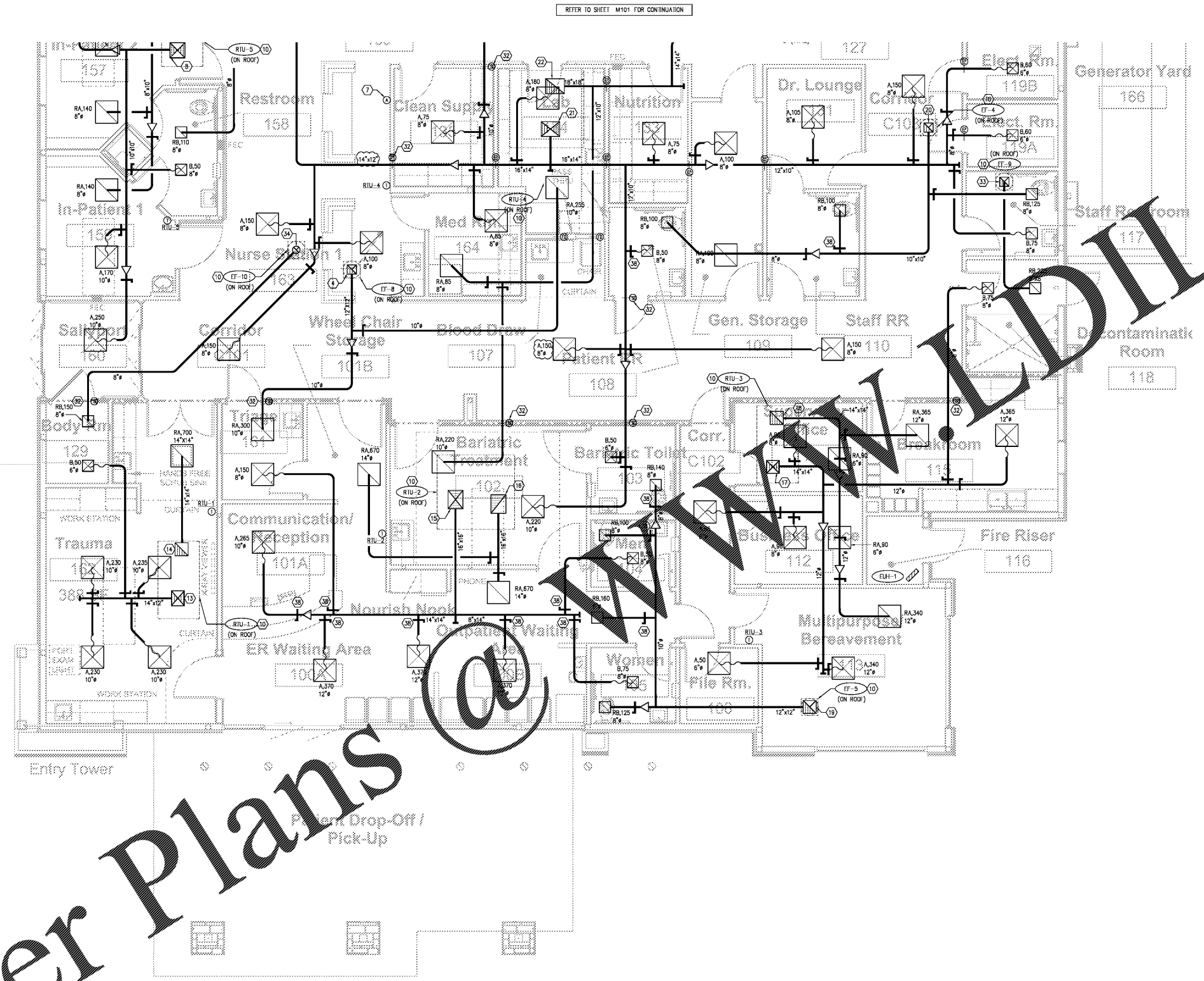
M102
 MECHANICAL
 FLOOR PLAN

KEYED NOTES – MECHANICAL:
 (NOT ALL OF THE NOTES APPLY TO THIS SHEET)

- 1 PROVIDE DOOR WITH 12"x12" LOUVER EQUAL TO GREENHECK MODEL E8H WITH A MAXIMUM PRESSURE DROP OF 0.25 (W.G). LOUVER SHALL BE INSTALLED WITHIN 1 FT OF THE FLOOR.
- 2 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.
- 3 ROUTE 12"x10" RETURN AIR DUCT UP TO RTU-1 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
- 4 12"x12" EXHAUST AIR DUCT UP TO EF-8 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
- 5 NOT USED.
- 6 PROVIDE AND INSTALL ROOM PRESSURE MONITOR, PHOENIX MODEL NUMBER CRC-RPM2 OR APPROVED EQUAL. COORDINATE WITH OWNER.
- 7 PROVIDE AND INSTALL PRIMARY AIR FILTER ALARM FOR RTU-2.
- 8 ROUTE 14"x14" SUPPLY AIR DUCT UP TO RTU-5 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
- 9 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.
- 10 EQUIPMENT LOCATED ON ROOF. RE: 2/M103.
- 11 PROVIDE AND INSTALL SINGLE DUCT VAV BOX AS SPECIFIED ON SCHEDULE. UNIT SHALL BE SUSPENDED FROM THE STRUCTURE ABOVE. RE: 5/M302.
- 12 ROUTE 12"x12" EXHAUST AIR DUCT UP TO EF-1 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
- 13 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.
- 14 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.
- 15 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.
- 16 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.
- 17 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.
- 18 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.
- 19 ROUTE 12"x12" EXHAUST AIR DUCT UP TO EF-5 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
- 20 ROUTE 10"x10" EXHAUST AIR DUCT UP TO EF-4 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
- 21 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.
- 22 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.
- 23 ROUTE 10"x10" EXHAUST AIR DUCT UP TO EF-3 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
- 24 ROUTE 10" EXHAUST AIR DUCT UP TO EF-6 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
- 25 ROUTE 20"x20" SUPPLY AIR DUCT UP TO RTU-6 ON ROOF. PROVIDE TRANSITION AS NECESSARY. PROVIDE WITH DUCT MOUNTED SMOKE DETECTOR. RE: 10/M301.
- 26 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.
- 27 NOT USED.
- 28 PROVIDE WALL MOUNTED SPLIT SYSTEM AS SPECIFIED ON SCHEDULE. ROUTE 8" INSULATED COPPER CONDENSATE DRAIN LINE TRAPPED AND INSULATED PER DETAIL TO HOP SINK AS INDICATED. ROUTE REFRIGERANT LINES TO CU-1 ON ROOF. SIZE AND INSULATE REFRIGERANT PIPING PER MANUFACTURER'S RECOMMENDATIONS.
- 29 NOT USED.
- 30 NOT USED.
- 31 14"x14" EXHAUST AIR DUCT UP TO EF-7 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
- 32 PROVIDE AND INSTALL UL LISTED FIRE/SMOKE DAMPER IN RATED WALL. INSTALL PER MANUFACTURER INSTRUCTIONS TO MAINTAIN FIRE RATING.
- 33 ROUTE 8"x8" EXHAUST AIR DUCT UP TO EF-9 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
- 34 ROUTE 8"x8" EXHAUST AIR DUCT UP TO EF-10 ON ROOF. PROVIDE TRANSITION AS NECESSARY. RE: 6/M301.
- 35 INSTALL EUH-1 PER MANUFACTURER'S RECOMMENDATIONS.
- 36 STAINLESS STEEL RETURN AIR GRILLE. BOTTOM OF RETURN AIR GRILLE SHALL BE LOCATED NOT MORE THAN 12" ABOVE THE FINISHED FLOOR NOR LESS THAN 6" ABOVE THE FINISHED FLOOR. IT IS RECOMMENDED THE BOTTOM OF RETURN AIR GRILLE LOCATED 9" ABOVE FINISHED FLOOR.
- 37 ROUTE 12"x8" EXHAUST AIR DUCT DOWN.
- 38 PROVIDE DAMPER WITH YOUNG REGULATOR REMOTE CABLE SYSTEM. COORDINATE THE EXACT LOCATION OF COVER PLATE AND COLOR WITH ARCHITECT.

SHEET NOTES – MECHANICAL:

1. CONTRACT DOCUMENTS ARE DIAGRAMMATIC IN NATURE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS IN FIELD PRIOR TO FABRICATION.
2. COORDINATE DIFFUSER AND GRILLE PLACEMENT WITH ARCHITECTURAL RCP, LIGHTING AND OTHER CEILING MOUNTED DEVICES.
3. NO INTERNAL DUCT LINING SHALL BE PERMITTED ON THIS JOB.
4. CONTRACTOR SHALL USE HOSPITAL GRADE EQUIPMENT AND MATERIALS.



REFER TO SHEET M101 FOR CONTINUATION

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

Order Plans

NEW BUILDING

CONSTRUCTION REISSUE SET