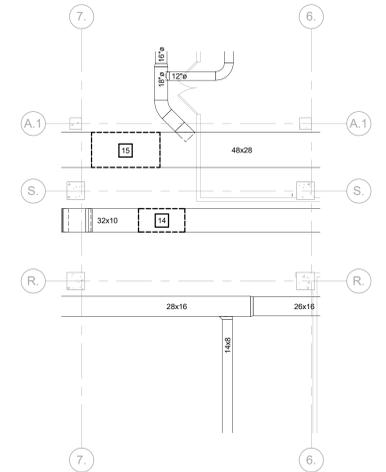


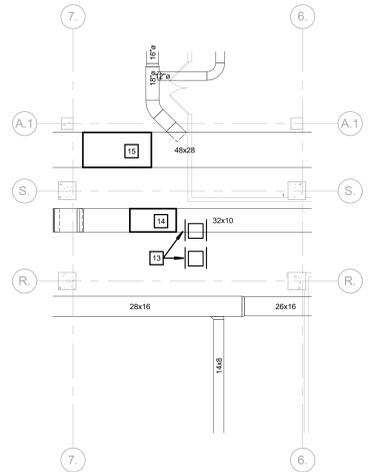
three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot

- MECHANICAL GENERAL NOTES:**
- SEE SHEET 1-3-M-001 FOR MECHANICAL GENERAL NOTES.
 - THE PROJECT LIMIT LINE SHOWN ON THE DRAWINGS INDICATES THE AREA OF SUBSTANTIAL ARCHITECTURAL RENOVATION AND IS NOT INCLUSIVE OF ALL AREAS WHERE WORK WILL BE PERFORMED BY OTHER TRADES.
 - ALL WORK IN THIS PHASE SHALL BE DONE AFTER NORMAL WORKING HOURS AND WEEKENDS.
 - WORK OUTSIDE OF THE PROJECT LIMIT LINE TO BE COMPLETED AFTER HOURS OR WEEKENDS, COORDINATE WITH VA COR.
 - SHUT-DOWNS TO BE DONE AFTER HOURS OR WEEKENDS, COORDINATE WITH VA COR.
 - REFER TO LIFE SAFETY PLAN FOR RATED ASSEMBLIES.
 - SEE SHEET 1-3-M-106 FOR THERMOSTATS, PRESSURE SENSORS, ETC.

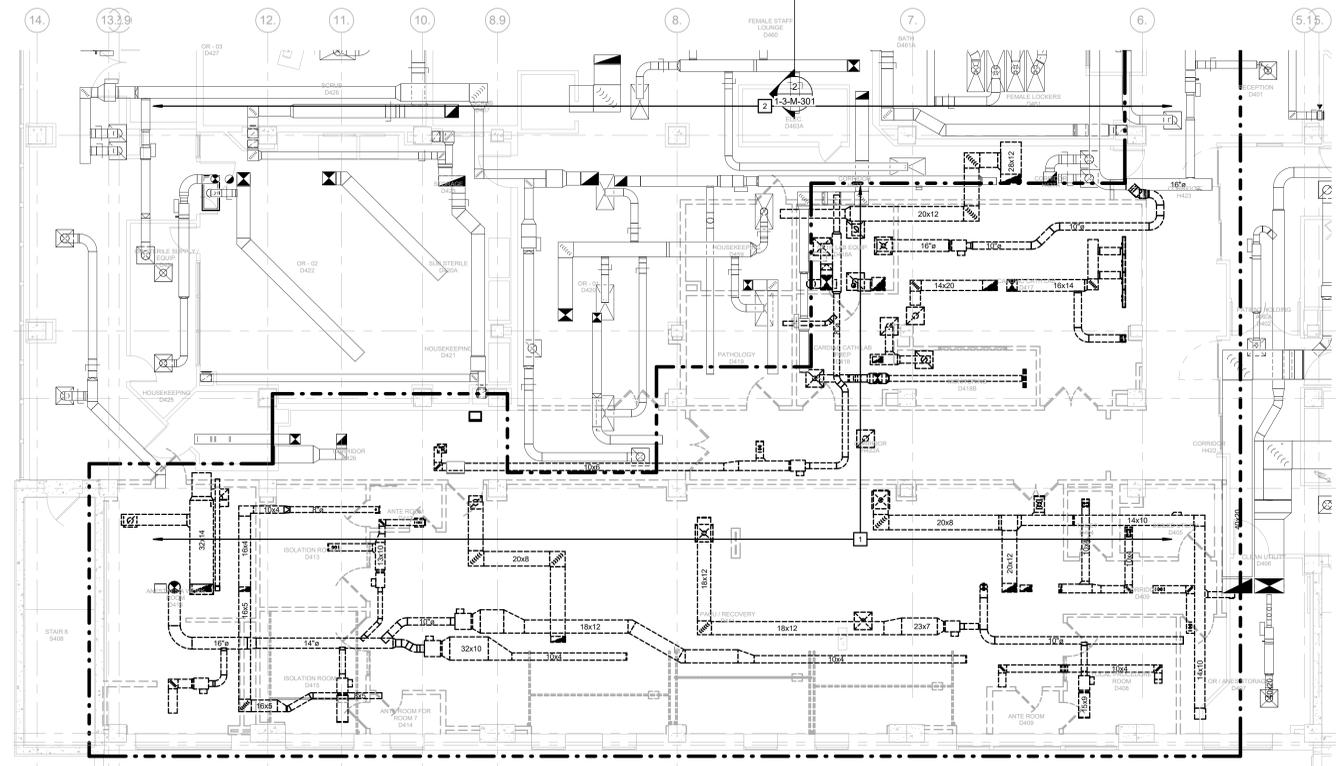
- MECHANICAL KEYED NOTES:**
- REMOVE HVAC SHOWN BOLD-DASHED INCLUDING HANGERS, THERMOSTATS, SENSORS, ETC. TYPICAL.
 - EXISTING HVAC TO REMAIN, TYPICAL.
 - DUCTWORK CAPPED FOR FUTURE.
 - COORDINATE SHUTDOWN WITH VA COR.
 - TEMPORARY DUCTWORK.
 - BOTTOM OF SIDEWALL RETURN GRILLE TO BE LOCATED 6" ABOVE FINISHED FLOOR.
 - COORDINATE DUCTWORK WITH SURGICAL BOOMS, TYPICAL.
 - DUCTWORK DOWNSTREAM OF TERMINAL HEPA FILTER TO AIR DEVICE SHALL BE STAINLESS STEEL, TYPICAL.
 - PENETRATIONS THROUGH RATED CORRIDOR WALL SHALL BE FIRE-STOPPED PER SPECIFICATIONS, TYPICAL.
 - BALANCE TO CFM SHOWN.
 - PROVIDE ACCESS PANEL IN DRYWALL CEILING TO ACCESS CONTROLS/DAMPER, TYPICAL.
 - INTEGRATED CEILING SYSTEM CONSISTING OF DIFFUSERS, BLANK-OFF PANELS, LIGHT FIXTURES TO BE BY OTHERS. SYSTEM TO INTEGRATE WITH IMAGING EQUIPMENT AND BOOM LAYOUT. SEE SPECIFICATION SECTION 23 37 13.
 - ELECTRICAL BOX AND STRUCTURAL SUPPORTS FOR FLOOR MOUNTED EQUIPMENT IN THE BLANK-HYBRID OR #1 ROOM SHOWN FOR REFERENCE.
 - OFFSET EXISTING DUCTWORK TO MISS NEW ELECTRICAL CONDUIT.
 - OFFSET EXISTING DUCTWORK FOR INSTALLATION OF NEW ELECTRICAL BOX AND STRUCTURAL SUPPORTS.
 - EXISTING DUCTS TO BE INSTALLED AS HIGH AS POSSIBLE. COORDINATE WITH PHASE 2A CONTRACTOR.



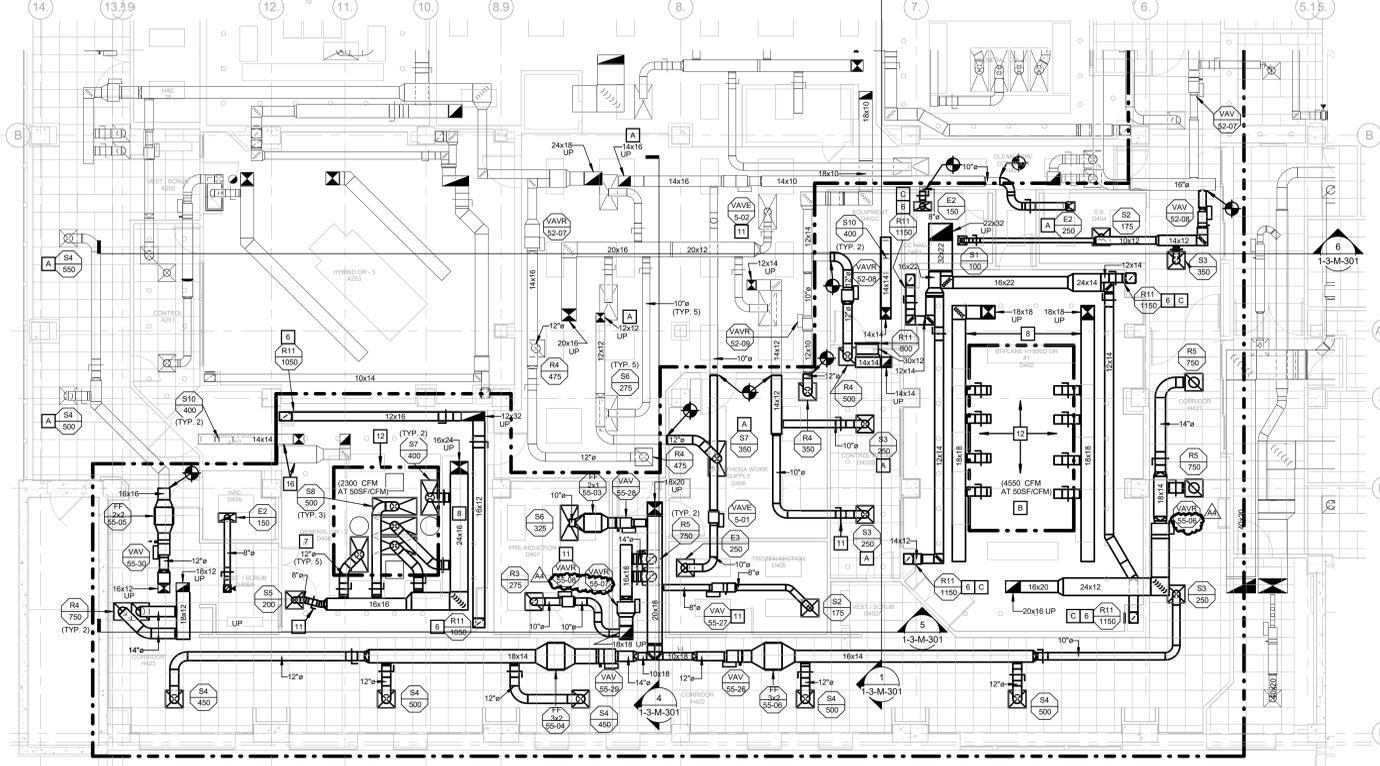
MECHANICAL - 3RD FLOOR - PHASE 3-M0
 1/8" = 1'-0"
 NORTH



MECHANICAL - 3RD FLOOR - PHASE 3-M1
 1/8" = 1'-0"
 NORTH

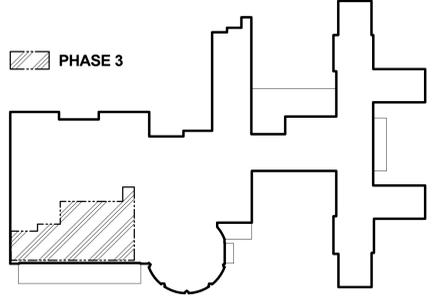


MECHANICAL - 4TH FLOOR - PHASE 3-M0 - DUCTWORK
 1/8" = 1'-0"
 NORTH



MECHANICAL - 4TH FLOOR - PHASE 3-M1 - DUCTWORK
 1/8" = 1'-0"
 NORTH

- BALANCING KEYED NOTES:**
- A COORDINATE BALANCING WITH PHASE 2A CONTRACTOR. THE ASSOCIATED SYSTEM SHALL BE INCLUDED IN THIS PROJECT BALANCE REPORT(S).
 - B LAMINAR SUPPLY DIFFUSERS SHALL BE LIMITED TO 4000 CFM UNTIL PHASE 4 WORK IS COMPLETED.
 - C RETURN AIR DEVICE SHALL BE LIMITED TO 800 CFM EACH UNTIL PHASE 4 WORK IS COMPLETED.



Revisions:	Date
AMENDMENT A00004	06/06/16

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Drawing Title MECHANICAL 4TH FLOOR DUCTWORK DEMOLITION & RENOVATION PLANS	
Approved: Associate Director	Approved: Chief Engineer
Approved: Chief of Staff	Approved: Safety Officer
Approved: Infection Control	Approved: Chief, Police & Security

Project Title Phase 3: Renovation of Operating Rooms, ER & Triage		
Project Number 657-13-300JC		
Building Number 01		
Location V.A.M.C. ST. LOUIS, MO JOHN COCHRAN DIVISION		
Date 02/24/16	Checked SSC	Drawn Author
Drawing Number 1-3-M-101		

Veterans Health Administration

Department of Veterans Affairs

BID DOCUMENTS