




1. PROVIDE NEW 20 x 12 INSULATED SA DUCT CONNECT TO EXISTING TRUNK LINE AND EXISTING SUPPLY. INSTALL DUCT WITH AS HIGH AS PRACTICAL TO ALLOW FOR MAXIMUM CEILING HEIGHT IN NEW ROOM. COORDINATE WITH GENERAL CONTRACTOR.
2. CONNECT NEW 6"Ø WASH VENT TO EXISTING 16 x 16" EXHAUST. SLOPE VENT BACK TO WASH VENT. SURROUND WASH VENT PIPE WITH DRIP PAN.
3. PROVIDE 12" SUPPLY TAP. FLEX AND DIFFUSER TO MATCH EXISTING IN SPS. BALANCE AS NOTED.
4. PROVIDE EXHAUST FOR RECONFIGURED SOILED LINEN RECEIVING ROOM BY TAPPING EXISTING 30 x 12 EXHAUST DUCT NEARBY. PROVIDE VOLUME DAMPER DOWN FROM CEILING. AS NOTED.
5. PROVIDE AIR TRANSFER FROM + AND - AREAS TO SOILED RECEIVING AND DECONTAMINATION ROOM VIA VARIABLE SPEED EXHAUST FAN CONTROL. VFDS SHALL CONTROL ON DIFFERENTIAL PRESSURE BETWEEN ROOMS. LOCATE ENGAGE SW FANS IN NON-STERILE ROOMS. PROVIDE ACCESS DOORS FOR EACH FAN.
6. PROVIDE DIFFERENTIAL PRESSURE CONTROL (TYP) WITH LOCAL CONTROL PANEL. WALL-MOUNTED IN SAME ROOM AS XFR INTAKE.
7. PROVIDE NEW 12" AIRFLOW CONTROL VALVE. CONNECT TO EXISTING SUPPLY AIR SYSTEM.
8. PROVIDE NEW 24 x 12" AIRFLOW CONTROL VALVE. CONNECT TO EXISTING SUPPLY AIR SYSTEM.
9. PROVIDE 24x48 EAG WITH PLENUM. CONNECT NEW 24x12 EA TO PLENUM. RACK 24x12 ADVB NEW 24x12 FROM MAIN STERILIZER HOOD. CONNECT TO EXG EA RISER.
10. EXG 3230X EA RISER TO SPS EFF1.
11. PROVIDE 24x48 XAG WITH PLENUM. CONNECT NEW 18x12 XAG TO PLENUM - TYP 2 PLACES.
12. PROVIDE 24x48 XAG WITH PLENUM. CONNECT NEW 28x12 EA TO PLENUM.
13. PROVIDE 30x24 XAR ABV DOOR.
14. PROVIDE 20x8 XFR PLENUM TO COLLECT XFT 1 & 2 DISCHARGE. PROVIDE 16x10 XFR TO 14"Ø XAG.
15. PROVIDE NEW 8" AIRFLOW CONTROL VALVE. CONNECT TO EXISTING SUPPLY AIR SYSTEM.
16. PROVIDE NEW 36 x 12" AIRFLOW CONTROL VALVE. CONNECT TO EXISTING SUPPLY AIR SYSTEM. STEAM REHEAT #1 LOCATED IN BASEMENT TRASH ROOM.
17. PROVIDE 2"Ø PVC ENDOSCOPE STERILIZER EXHAUST PIPE. INSTALL PER MANUFACTURER'S INSTRUCTIONS. CONNECT TO EXISTING DUCT.



1. SA DUCT SIZES AHEAD OF BOXES BASED ON 1700 FPM MAX. VELOCITY.
2. SA DUCT SIZES DOWNSTREAM OF BOXES BASED ON 1100 FPM MAX. VELOCITY.
3. TRANSFER DUCT SIZES BASED ON 1400 FPM MAX. VELOCITY FOR IN-LINE FANS AND 1100 FPM MAX FOR CEILING FANS.
4. EXHAUST BRANCH DUCT SIZES BASED ON 1700 FPM MAX. VELOCITY.
5. STEAM SUPPLIES AND CONDENSATE RETURNS SHALL BE BASED ON 100-FT OF PIPE WITH 6 ELBOWS TO NEAREST SOURCE, SEE SHT M502 FOR PIPING CONNECTIONS.

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ABV - ABOVE  
 BLKHD - BULKHEAD  
 C - CONDENSATE RETURN  
 CHS/R - CHILLED WATER SUPPLY/RETURN  
 CLG - CEILING  
 EA - EXHAUST AIR  
 EAG - EXHAUST AIR GRILLE  
 EX - EXISTING  
 FSD - FIRE & SMOKE DAMPER  
 S - STEAM SUPPLY  
 SA - SUPPLY AIR  
 VD - VOLUME DAMPER  
 XA - TRANSFER AIR  
 XAG - TRANSFER AIR GRILLE  
 XAR - TRANSFER AIR REGISTER  
 XF - TRANSFER FAN  
 XFR - TRANSFER  
 Ø - DIAMETER  
 \* - CONNECT TO EXISTING



Dept. of Veterans Affairs  
Medical Center  
1670 Clairmont Road  
Decatur, Georgia 30033



VETERAN ENGINEERING GROUP, INC.  
4411 Suwanee Dam, Ste. 230, Suwanee, GA 30024

ARCHITECTURE ENGINEERING PLANNING  
1123 Zonolite Road, Suite 25, Atlanta, GA 30306

PART GROUND FLOOR PLAN -  
HVAC - NEW WORK

4 Approved: Project Director

Location	VAMC, DECATUR, GA.
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Drawn	
JW	

	Drawing Number

M104

Office of  
Facilities  
Management



100% ISSUED FOR CONSTRUCTION  
COMPLETION ITEM NO. 3  
FULLY SPRINKLERED