GENERAL NOTES:

A. THE HVAC SYSTEM DESIGN, INCLUDING EXHAUST REQUIREMENTS AND STEAM AND STEAM CONDENSATE SERVICES ARE BASED ON THE STERILE PROCESSING EQUIPMENT CUT SHEETS PROVIDED BY THE VETERANS ADMINISTRATION AT THE TIME OF BUILDING DESIGN. FOR PURPOSES OF COORDINATION WE HAVE PROVIDED ALL OF THE BASIS OF DESIGN MODEL NUMBERS IN THE NUMBERED NOTES ON THIS SHEET.

B. PRIOR TO INSTALLING THE HVAC SYSTEMS THE CONTRACTOR SHALL VERIFY THAT THE MAKE, MODEL AND EXHAUST, STEAM AND STEAM CONDENSATE REQUIREMENT OF EACH PIECE OF STERILE PROCESSING EQUIPMENT BEING PROVIDED IS CORRECTLY COORDINATED WITH THE HVAC SYSTEM DESIGN.

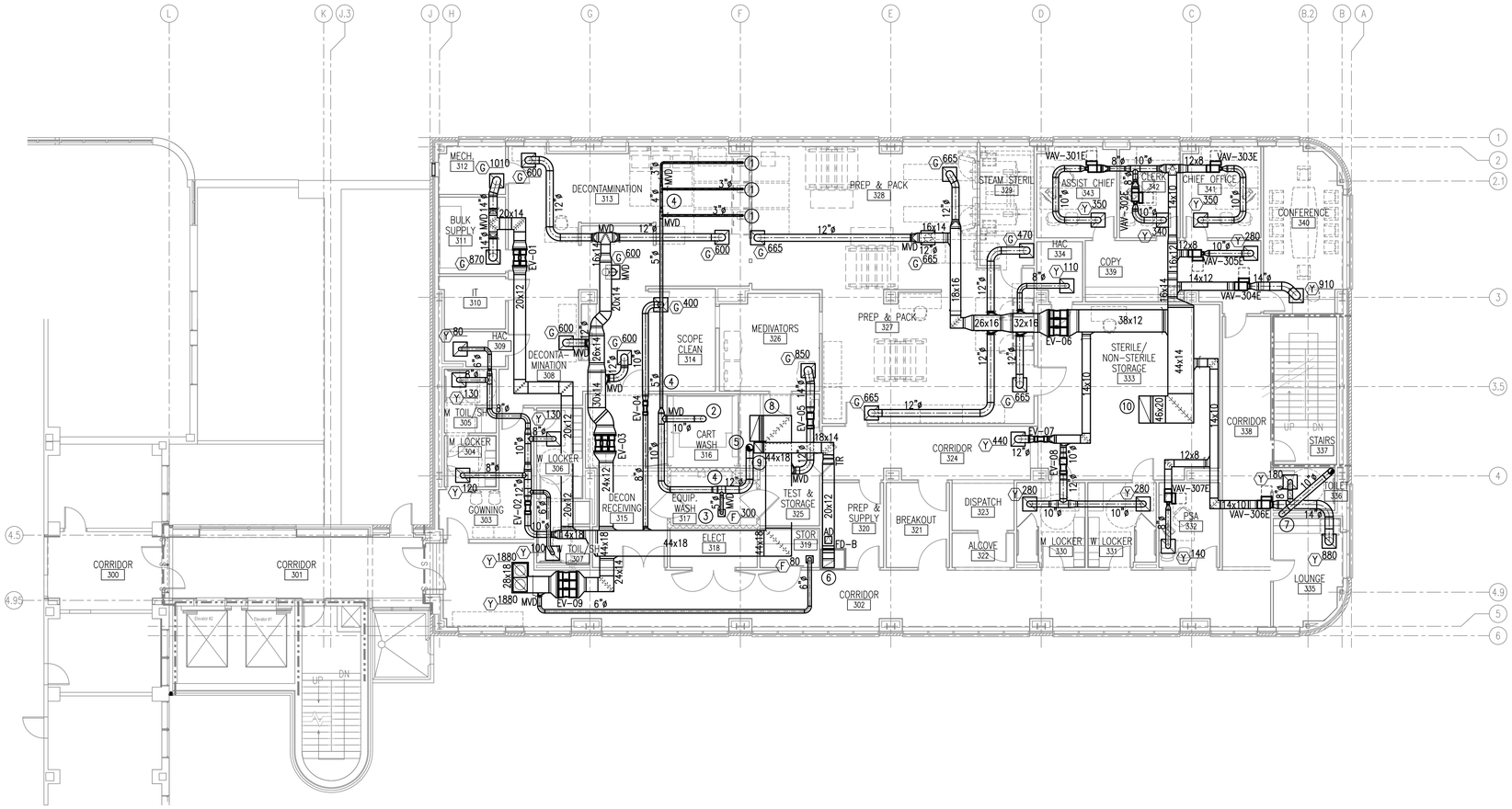
C. ALL WET EXHAUST DUCT SHALL BE WATER TIGHT WELDED STAINLESS STEEL DUCT WITH WATER TIGHT STAINLESS STEEL BALANCING DAMPERS.

D. READ SPECIFICATIONS FOR BALANCING DAMPER REQUIREMENTS.

NOTES:

(THIS SHEET ONLY)

1. PROVIDE 3 INCH DIAMETER DIRECT CONNECTED STAINLESS STEEL EXHAUST DUCT WITH DRAIN TRAP AND DRAIN AS DETAILED ON STERIS RELIANCE/HAMO/VISION WASHER-DISINFECTORS. SLOPE HORIZONTAL DUCT 1% IN DIRECTION OF AIR FLOW. PROVIDE BALANCING DAMPER AND BALANCE TO 60 CFM EACH. PROVIDE AND BALANCE A TOTAL OF 3 CONNECTIONS REGARDLESS OF HOW MANY WASHER-DISINFECTORS ARE PROVIDED.
2. PROVIDE 6 INCH DIAMETER TO 10 INCH DIAMETER STAINLESS STEEL TRANSITION PIECE TO DIRECT CONNECT 10 INCH DIAMETER EXHAUST DUCT TO 6 INCH DIAMETER CONNECTION ON STERIS RELIANCE 1227 CART WASHER. SLOPE HORIZONTAL BRANCH 1% IN DIRECTION OF AIR FLOW. PROVIDE WITH BALANCING DAMPER AND BALANCE TO 1000 CFM.
3. PROVIDE 5 INCH DIAMETER STAINLESS STEEL EXHAUST DUCT FROM EQUIPMENT WASH EXHAUST GRILLE. SLOPE HORIZONTAL BRANCH 1% IN DIRECTION OF AIR FLOW. PROVIDE WITH BALANCING DAMPER AND BALANCE TO 300 CFM.
4. ALL DUCT TRANSITION ON THE WET EXHAUST DUCT SHALL BE ECCENTRIC TRANSITIONS WITH THE FLAT SIDE ON THE TOP AND THE ANGLED SIDE ON THE BOTTOM. ALL HORIZONTAL WET EXHAUST DUCT SHALL BE INSTALLED SLOPED AT 1% IN THE DIRECTION OF AIR FLOW AND THE ENTIRE DUCT SYSTEM SHALL BE INSULATED PER THE SPECIFIED REQUIREMENTS FOR LOW PRESSURE (15 PSIG) STEAM.
5. 12"ø EXHAUST DUCT UP THOUGH NEW CHASE TO EF-1-4SRF-3 ON ROOF. PROVIDE 6 INCH LONG BY 12"ø DEAD LEG AT THE BOTTOM OF THE WET EXHAUST RISER AND INSTALL 1 INCH TYPE L HARD DRAWN COPPER DRAIN PIPING WITH 3 INCH DEEP DRAIN TRAP. RUN DRAIN INTO EQUIPMENT WASH ROOM AND TERMINATE WITHIN 2 INCHES OF FLOOR. ADD FIRE DAMPER IN FLOOR OF CHASE AND ACCESS DOOR. SEE SHEET M110 FOR CONTINUATION.
6. 20x12 EXHAUST DUCT FROM BELOW.
7. 10"ø EXHAUST DUCT FROM BELOW. ROUTE DUCT OVER AND UP TO FOURTH FLOOR AS INDICATED.
8. 44x18 RETURN DUCT UP THOUGH NEW CHASE TO AH-1-4SRF-1 ON ROOF. ADD FIRE DAMPER IN FLOOR OF CHASE AND ACCESS DOOR. SEE SHEET M110 FOR CONTINUATION.
9. 18x14 EXHAUST DUCT UP THOUGH NEW CHASE TO EF-1-4SRF-2 ON ROOF. ADD FIRE DAMPER IN FLOOR OF CHASE AND ACCESS DOOR. SEE SHEET M110 FOR CONTINUATION.
10. 46x20 RETURN DUCT UP THOUGH NEW CHASE TO AH-1-4SRF-1 ON ROOF. ADD FIRE DAMPER IN FLOOR OF CHASE AND ACCESS DOOR. SEE SHEET M110 FOR CONTINUATION.



THIRD FLOOR RETURN AND EXHAUST DUCTWORK NEW WORK PLAN – MECHANICAL

SCALE: 1/8" = 1'-0"

FINAL SUBMITTAL

Revisions:	Date

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Drawing Title: THIRD FLOOR RETURN AND EXHAUST DUCTWORK NEW WORK PLAN - MECHANICAL

Approved: Project Director

Project Title: EXPAND RADIOLOGY AND SPS OVERTON BROOKS VAMC

Location: SHREVEPORT, LA

Date: 04-17-2015 | Checked: PJC | Drawn: JSW

Project Number: 667-083

Building Number: 1

Drawing Number: M106

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