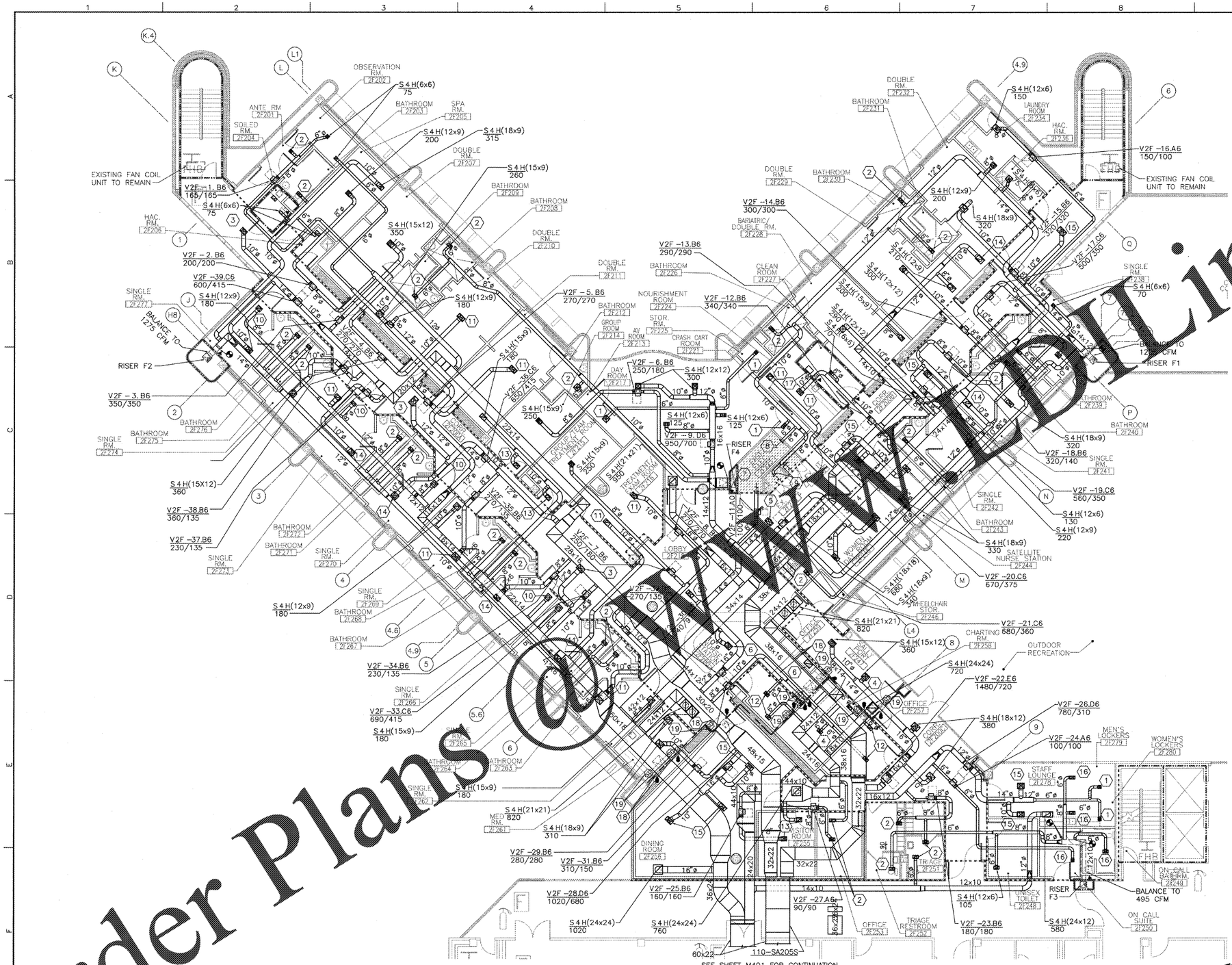


F1 "F" WING SECOND FLOOR MECHANICAL OVERALL FLOOR PLAN – DUCTWORK

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

GENERAL SHEET NOTES

A. THE MECHANICAL CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FROM THE COR PRIOR TO MODIFYING ANY EXISTING SYSTEMS.

B. TEMPERATURE SENSORS FOR VAV BOXES AND RADIANT PANELS ARE TO BE MOUNTED IN RETURN OR EXHAUST GRILLE. SEE MP101 FOR LOCATIONS AND DETAIL ON MP501.

SHEET KEYNOTES (#)

1. PROVIDE 6x6 SECURITY GRILLE, TYPE S4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 50 CFM.
2. PROVIDE 12x6 SECURITY GRILLE, TYPE S4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 90 CFM.
3. PROVIDE 18x12 SECURITY GRILLE, TYPE S4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 420 CFM.
4. PROVIDE 12x6 SECURITY GRILLE, TYPE S4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 120 CFM.

   PROVIDE 18x9 SECURITY GRILLE, TYPE S4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 330 CFM.
6. PROVIDE 18x12 SECURITY GRILLE, TYPE S4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 380 CFM.
7. PROVIDE 6x6 REGISTER, TYPE T4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 100 CFM.
8. PROVIDE 6x6 GRILLE, TYPE G4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 100 CFM.
9. PROVIDE 6x6 REGISTER, TYPE G4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 75 CFM.
10. PROVIDE 12x6 SECURITY GRILLE, TYPE S4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 140 CFM.
11. PROVIDE 15x9 SECURITY GRILLE, TYPE S4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 270 CFM.
12. PROVIDE 12x6 SECURITY GRILLE, TYPE S4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 80 CFM.
13. PROVIDE 12x9 SECURITY GRILLE, TYPE S4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 160 CFM.
14. PROVIDE 15x9 SECURITY GRILLE, TYPE S4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 230 CFM.
15. PROVIDE 15x12 SECURITY GRILLE, TYPE S4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 340 CFM.
16. PROVIDE 12x6 SECURITY GRILLE, TYPE S4H. SEE AIR DISTRIBUTION SCHEDULE ON SHEET M602. BALANCE TO 100 CFM
17. WALL MOUNTED SPACE HUMIDIFICATION UNIT, 110-WMH1.
18. PROVIDE FLEXIBLE CONNECTION AT BUILDING EXPANSION JOINT.
19. DUCT MOUNTED SMOKE DETECTOR PROVIDED BY DIVISION 28 AND INSTALLED BY DIVISION 23.

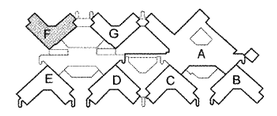
COORDINATION DRAWINGS

SEE COVER SHEET FOR COORDINATION NOTES.

SYMBOLS LEGEND

- EXISTING WALL, DOOR, WINDOW, MILLWORK, FIXTURE OR OTHER FIXTURE OR ASSEMBLY TO REMAIN.
- NEW WALL
- SMOKE TIGHT WALL
- 2-HOUR FIRE/ SMOKE RATED WALL
- 1 HOUR FIRE RATED WALL
- 1 HOUR SMOKE BARRIER WALL
- NO PIPING OR DUCTWORK SHALL BE ROUTED THROUGH ELECTRICAL AND/OR DATA ROOMS.
- EXISTING CONCRETE COLUMN

KEY PLAN



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Department of Veterans Affairs
Charlie Norwood
VA Medical Center
1 Freedom Way
Augusta, Ga. 30904

SEAL

Architect/Engineer Address

Harrell, Saltrick & Hopper

Design & Management Solutions for the Built Environment

8018 TOWER POINT DRIVE
CHARLOTTE, NC 28227
P 704.814.1320
F 704.321.0833
WWW.HSHPC.COM

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Recommended Approvals:	
1. MEDICAL CENTER DIRECTOR	6. OPERATIONS SERVICE LINE MANAGER
2. ASSISTANT DIRECTOR	7. INFECTION CONTROL MANAGER
3. CHIEF OF STAFF	8. SAFETY MANAGER
4. ASSOC. DIRECTOR	9. GENERAL ENGINEER
5. SERVICE LINE MGRS.	10. COR

Drawing Title: 'F' WING MECHANICAL DUCTWORK PLAN - NEW WORK

100% CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: RENOVATE MENTAL HEALTH UNITS

Drawn | Building Number | AutoCAD File Name

Checked | Reviewed | Const. Contract No.

Date: February 10, 2017

Project Number: 509-12-104

DRAWING No.: MH101

Veterans Affairs