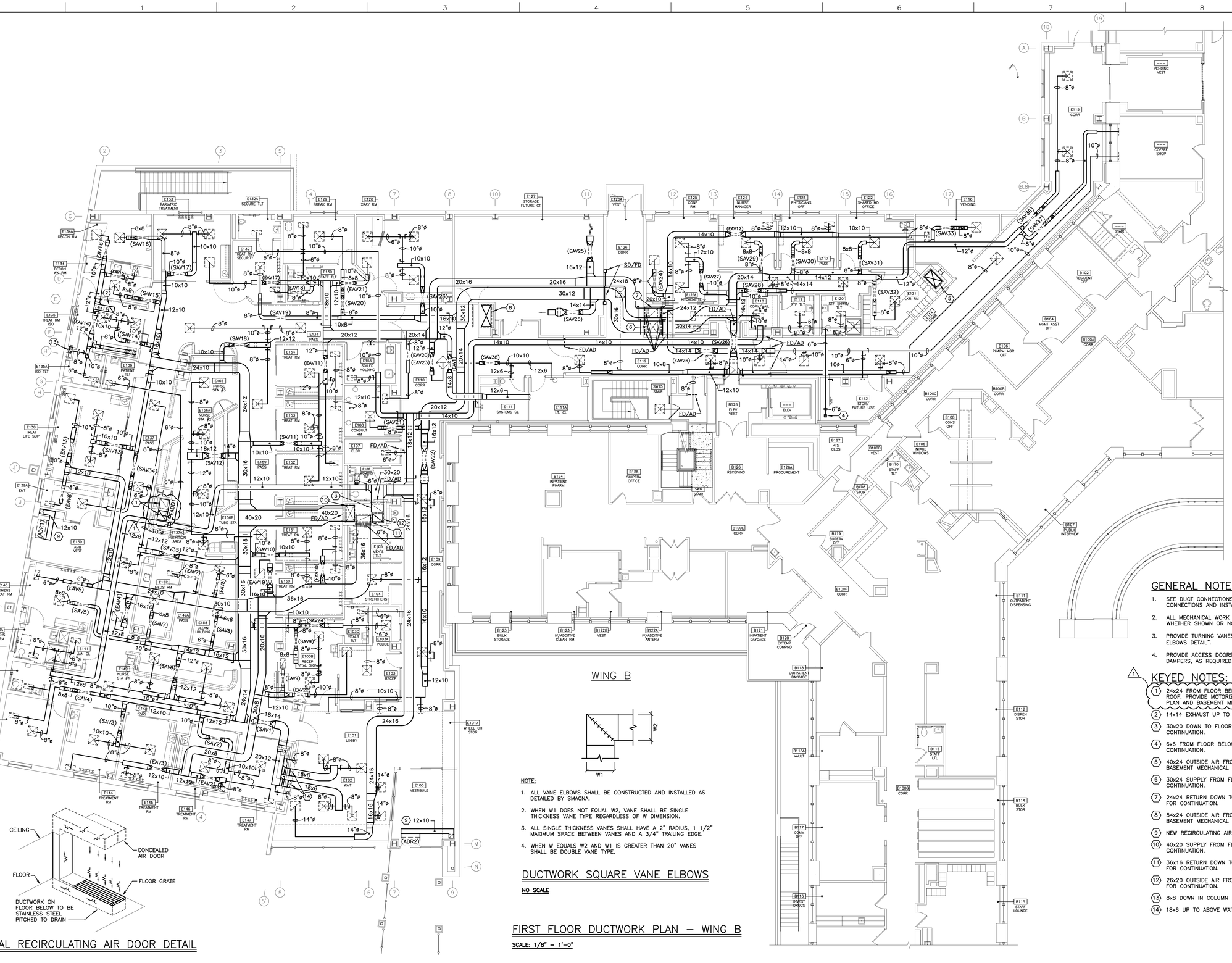

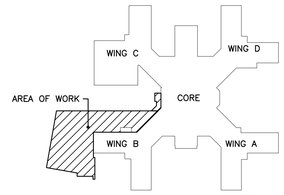

KEY PLAN

NO SCALE

CALLED NORTH

TYPICAL RECIRCULATING AIR DOOR DETAIL

NO SCALE

NOTE:

1. ALL VANE ELBOWS SHALL BE CONSTRUCTED AND INSTALLED AS DETAILED BY SMACNA.
2. WHEN W1 DOES NOT EQUAL W2, VANE SHALL BE SINGLE THICKNESS VANE TYPE REGARDLESS OF W DIMENSION.
3. ALL SINGLE THICKNESS VANES SHALL HAVE A 2" RADIUS, 1 1/2" MAXIMUM SPACE BETWEEN VANES AND A 3/4" TRAILING EDGE.
4. WHEN W EQUALS W2 AND W1 IS GREATER THAN 20" VANES SHALL BE DOUBLE VANE TYPE.

DUCTWORK SQUARE VANE ELBOWS

NO SCALE

FIRST FLOOR DUCTWORK PLAN – WING B

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

GENERAL NOTES:

1. SEE DUCT CONNECTIONS – AIR TERMINAL UNITS DETAIL FOR FINAL DUCTWORK CONNECTIONS AND INSTALLATION REQUIREMENTS.
2. ALL MECHANICAL WORK UNDER "M" DRAWINGS SHALL BE COMPLETE WORKING SYSTEMS, WHETHER SHOWN OR NOT IN THEIR ENTIRETY.
3. PROVIDE TURNING VANES AT ALL SQUARE ELBOWS, SEE "DUCTWORK SQUARE VANE ELBOWS DETAIL".
4. PROVIDE ACCESS DOORS FOR ALL FIRE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS, AS REQUIRED.

KEYED NOTES:

1. (1) 24x24 FROM FLOOR BELOW, OFFSET DUCT ABOVE CEILING BEFORE PENETRATION THROUGH ROOF. PROVIDE MOTORIZED DAMPER PRIOR TO PENETRATION THROUGH ROOF. SEE ROOF PLAN AND BASEMENT MECHANICAL PLAN – WING B FOR CONTINUATION.
2. (2) 14x14 EXHAUST UP TO ROOF ABOVE, SEE ROOF PLAN FOR CONTINUATION.
3. (3) 30x20 DOWN TO FLOOR BELOW, SEE BASEMENT MECHANICAL PLAN – WING B FOR CONTINUATION.
4. (4) 6x6 FROM FLOOR BELOW, SEE BASEMENT MECHANICAL PLAN – WING B FOR CONTINUATION.
5. (5) 40x24 OUTSIDE AIR FROM ROOF ABOVE DOWN TO FLOOR BELOW, SEE ROOF PLAN AND BASEMENT MECHANICAL PLAN – WING B FOR CONTINUATION.
6. (6) 30x24 SUPPLY FROM FLOOR BELOW, SEE BASEMENT MECHANICAL PLAN – WING B FOR CONTINUATION.
7. (7) 24x24 RETURN DOWN TO FLOOR BELOW, SEE BASEMENT MECHANICAL PLAN – WING B FOR CONTINUATION.
8. (8) 54x24 OUTSIDE AIR FROM ROOF ABOVE DOWN TO FLOOR BELOW, SEE ROOF PLAN AND BASEMENT MECHANICAL PLAN – WING B FOR CONTINUATION.
9. (9) NEW RECIRCULATING AIR DOOR, SEE TYPICAL RECIRCULATING AIR DOOR DETAIL.
10. (10) 40x20 SUPPLY FROM FLOOR BELOW, SEE BASEMENT MECHANICAL PLAN – WING B FOR CONTINUATION.
11. (11) 36x16 RETURN DOWN TO FLOOR BELOW, SEE BASEMENT MECHANICAL PLAN – WING B FOR CONTINUATION.
12. (12) 26x20 OUTSIDE AIR FROM FLOOR BELOW, SEE BASEMENT MECHANICAL PLAN – WING B FOR CONTINUATION.
13. (13) 8x8 DOWN IN COLUMN CHASE. TERMINATE ONE FOOT A.F.F.
14. (14) 18x6 UP TO ABOVE WAITING ROOM CEILING.

FINAL DESIGN (100%)
FULLY SPRINKLERED

FFA #7451

Revisions:	Date
1 ADDENDUM #1	7/24/12

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Drawing Title	MECHANICAL: FIRST FLOOR DUCTWORK PLAN– WING B
Approved Project Director	
Project Title	NEW EMERGENCY DEPARTMENT Stratton VA Medical Center
Location	Albany, New York
Date	JULY 24, 2012
Checked	BJF
Drawn	PBL
Project Number	VA 528-809
Building Number	95
Drawing Number	M4.1
Dwg.	93 of 115

Office of Construction and Facilities Management
Department of Veterans Affairs

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