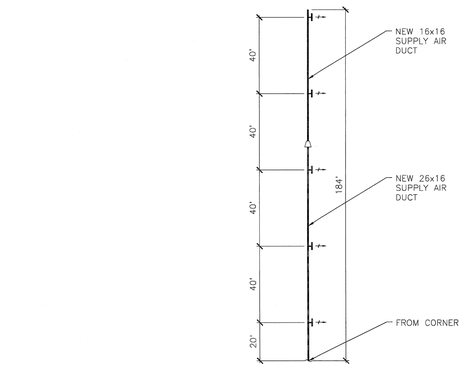
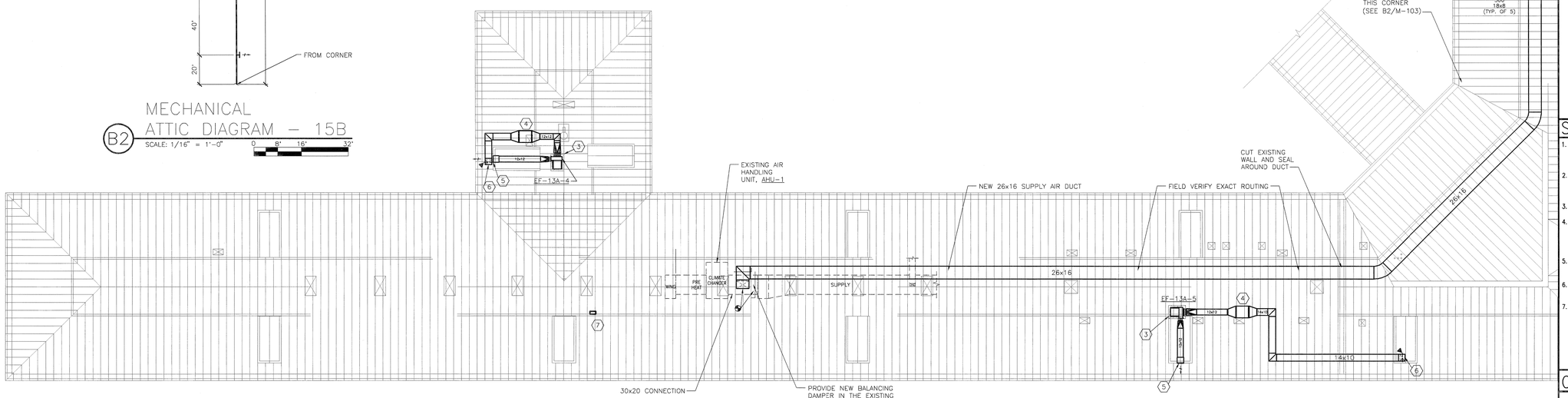


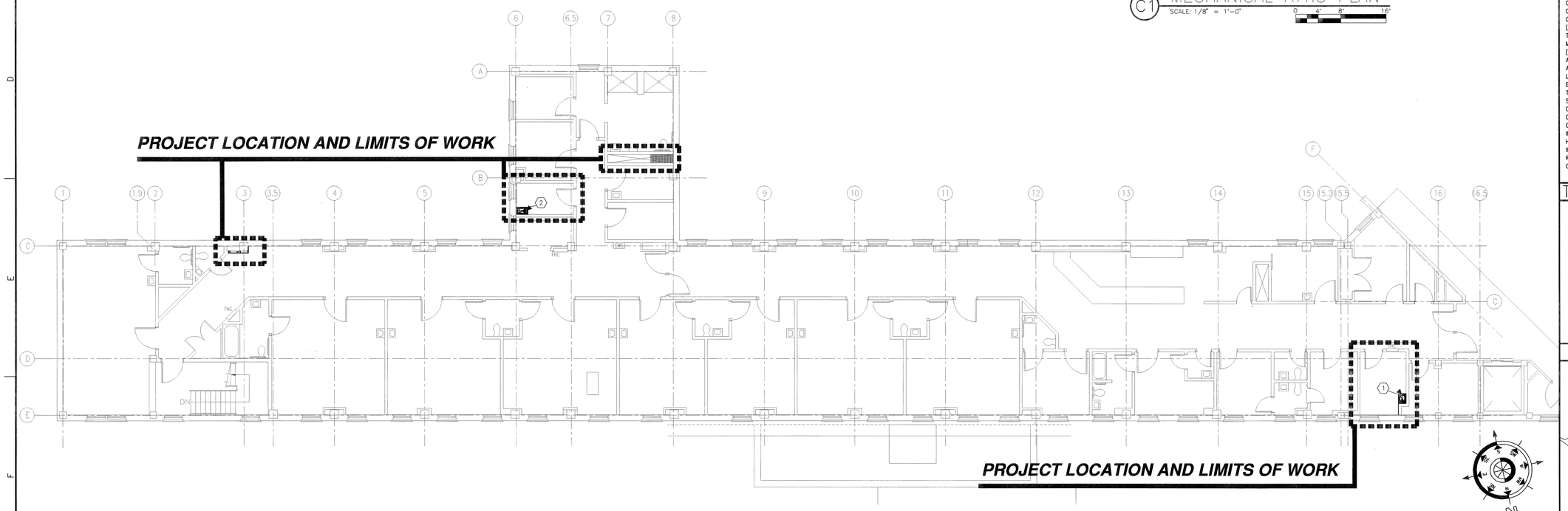
MECHANICAL ATTIC DIAGRAM – 15B

(B2) SCALE: 1/16" = 1'-0"



MECHANICAL ATTIC PLAN

(C1) SCALE: 1/8" = 1'-0"



SECOND FLOOR MECHANICAL PLAN

(F1) SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. COORDINATE NEW EXHAUST FANS, FILTERS AND AND EXHAUST DUCTWORK WITH EXISTING EQUIPMENT AND DUCTWORK IN THE ATTIC.

B. EXISTING AIR HANDLER IN ATTIC SHALL REMAIN IN SERVICE THROUGH OUT THE CONSTRUCTION PERIOD. MECHANICAL CONTRACTOR SHALL COORDINATE ANY SHUT DOWN OF EQUIPMENT WITH COTR. PROVIDE CONTINUOUS AIRFLOW FROM AIR HANDLING UNIT DURING THE CONSTRUCTION PERIOD.

C. RUN NEW 26x16 SUPPLY AIR DUCT EARLY IN THE PROJECT AND CONNECT TO THE EXISTING DUCT SUPPLY AIR DUCT WHEN DEMOLITION OF THE FIRST FLOOR DUCTS BEGINS.

D. BEFORE CONSTRUCTION STARTS, THE TESTING AND BALANCING (TAB) CONTRACTOR SHALL READ THE SUPPLY AIR FROM THE EXISTING AIR HANDLING UNIT AND THE SUPPLY AIR TO THE FIRST AND SECOND FLOORS.

E. IMMEDIATELY AFTER THE NEW SUPPLY AIR DUCT IS CONNECTED, THE TAB CONTRACTOR SHALL RE-BALANCE THE AIRFLOW TO THE SECOND FLOOR TO MATCH THE PREVIOUS AIRFLOW; THE REMAINING AIRFLOW SHALL BE DISCHARGED IN THE 15B ATTIC; BALANCE AND REPORT AIRFLOW READINGS.

SHEET KEYNOTES (#)

1. 14x10 EXHAUST DUCT DOWN TO FIRST FLOOR (SEE F1/M-101 FOR CONTINUATION) AND UP TO ATTIC (SEE C1/M-103 FOR CONTINUATION). GENERAL CONTRACTOR SHALL PROVIDE ACCESS DOOR IN CHASE WALL FOR FIRE DAMPER ACCESS.
2. 14x10 EXHAUST DUCT DOWN TO FIRST FLOOR (SEE F1/M-101 FOR CONTINUATION) AND UP TO ATTIC (SEE C1/M-103 FOR CONTINUATION). GENERAL CONTRACTOR SHALL PROVIDE ACCESS DOOR IN CHASE WALL FOR FIRE DAMPER ACCESS.
3. 4" HIGH CONCRETE EQUIPMENT PAD PROVIDED BY GENERAL CONTRACTOR.
4. PROVIDE FLANDERS BF SERIES BAG-IN/BAG-OUT CONTAINMENT HOUSING (24"x24"). FILTER HOUSING SHALL HAVE RACK FOR 2" MERV 8 PREFILTER AND FLANDERS ALPHACELL 11.5" DEEP HEPA FILTER CELL. (EQUIVALENT MANUFACTURERS AMERICAN AIR FILTER AND P&G MANUFACTURING).
5. NEW LOUVER PROVIDED BY GENERAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE 12" DEEP SHEET METAL PLENUM.
6. 14x10 EXHAUST DUCT DOWN TO SECOND FLOOR. SEE F1/M-103 FOR CONTINUATION.
7. PROVIDE NEW VFD AND INVERTOR DUTY MOTOR FOR EXISTING CONSTANT VOLUME AIR HANDLER IN ATTIC. MECHANICAL CONTRACTOR SHALL REBALANCE EXISTING AIR HANDLER.

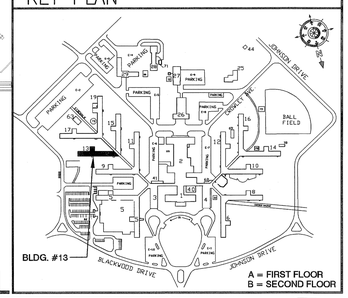
COORDINATION DRAWINGS

THE MECHANICAL CONTRACTOR SHALL TAKE THE LEAD IN PREPARATION OF COORDINATION DRAWINGS. SUCH DRAWINGS SHALL BE ARRANGED AND DESIGNED THROUGH AND FROM COORDINATION WITH ALL OTHER MAJOR AND MINOR SUBCONTRACTORS AND THE GENERAL CONTRACTOR. PROVIDE PLAN VIEWS, SECTIONS AND ELEVATIONS AS REQUIRED TO FULLY COORDINATE ALL NEW WORK WITH ITSELF AND EXISTING CONDITIONS. DRAW TO SCALE (AT NOT LESS THAN 3/8" = 1'-0"). DRAWINGS SHALL SHOW, BUT NOT BE LIMITED TO: ALL WALL RATINGS; ALL DUCTWORK; ALL AIR DISTRIBUTION; MECHANICAL EQUIPMENT; MECHANICAL PIPING; FIRE PROTECTION PIPING; ALL PLUMBING PIPING; CABLE TRAYS (WITH ELEVATIONS NOTED); LIGHTING FIXTURES (WHEN CEILING MOUNTED); CEILING GRID AND CEILING HEIGHT; MAJOR BEAMS AND JOISTS (WITH ELEVATIONS MARKED); FIRE ALARM DEVICES AND SPEAKERS (WHERE CEILING MOUNTED); ELECTRICAL CONDUITS LARGER THAN 2-INCH DIAMETER; ELECTRICAL BUSWAY AND REQUIRED CLEARANCES; EQUIPMENT PROVIDED BY OTHERS THAT PROTRUDE INTO CEILING CAVITIES OR IMPEDE THE LOCATION OR ACCESS TO ABOVE CEILING PIPING, DUCTWORK OF OTHER EQUIPMENT. SECTIONS SHALL BE CUT THROUGH AREAS SHOWING MATERIALS AND SYSTEMS OF ALL CONTRACTS. IF THERE ARE ANY OUTSTANDING ISSUES THAT CANNOT BE RESOLVED, CONSULT WITH THE ARCHITECT AND/OR ENGINEER (THROUGH THE VA COTR) FOR GUIDANCE AND MAKE CORRECTIONS IN ACCORDANCE WITH DIRECTIONS GIVEN. IT IS IMPORTANT TO NOTE THAT FABRICATION CANNOT BEGIN UNTIL COORDINATION DRAWINGS HAVE BEEN APPROVED. ANY MATERIAL, EQUIPMENT, SYSTEMS, ETC., PROCUREMENT OR INSTALLATION COMMENCED PRIOR TO APPROVAL IS TAKEN AT THE CONTRACTORS OWN RISK AND MAY HAVE TO BE MODIFIED, MOVED AND/OR RECONFIGURED AT THE CONTRACTORS COST.

TYPICAL SYMBOLS

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

KEY PLAN



A = FIRST FLOOR
B = SECOND FLOOR

100% SUBMITTAL

REVISION NO.	REVISION DESCRIPTION	By	Date

Revisions

Department of Veterans Affairs
Medical Center
1826 Veterans Blvd.
Dublin, Ga. 31021

SEAL

Architect/Engineer Address

Harrell, Saltrick & Hopper

Design & Management Solutions for the Built Environment
151 LOCUST STREET, SUITE #1
AVONDALE ESTATES, GA 30002
P 704.814.1325
F 704.321.0833
WWW.HSHPC.COM

COPYRIGHT © 2011 HARRELL SALTRICK & HOPPER, PC
HSH PROJECT # 10004

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

Drawing Title: MECHANICAL SECOND FLOOR AND ATTIC PLANS

FULLY SPRINKLERED

Project Title: RENOVATE 13A FOR ENDOSCOPY SUITE

Date: June 10, 2011

Project Number: 557-10-108

Drawn	Building Number	AutoCAD File Name	DRAWING No.
AGT			M-103
Checked: LEH/MLH	Reviewed	Const. Contract No.	

Veterans Affairs