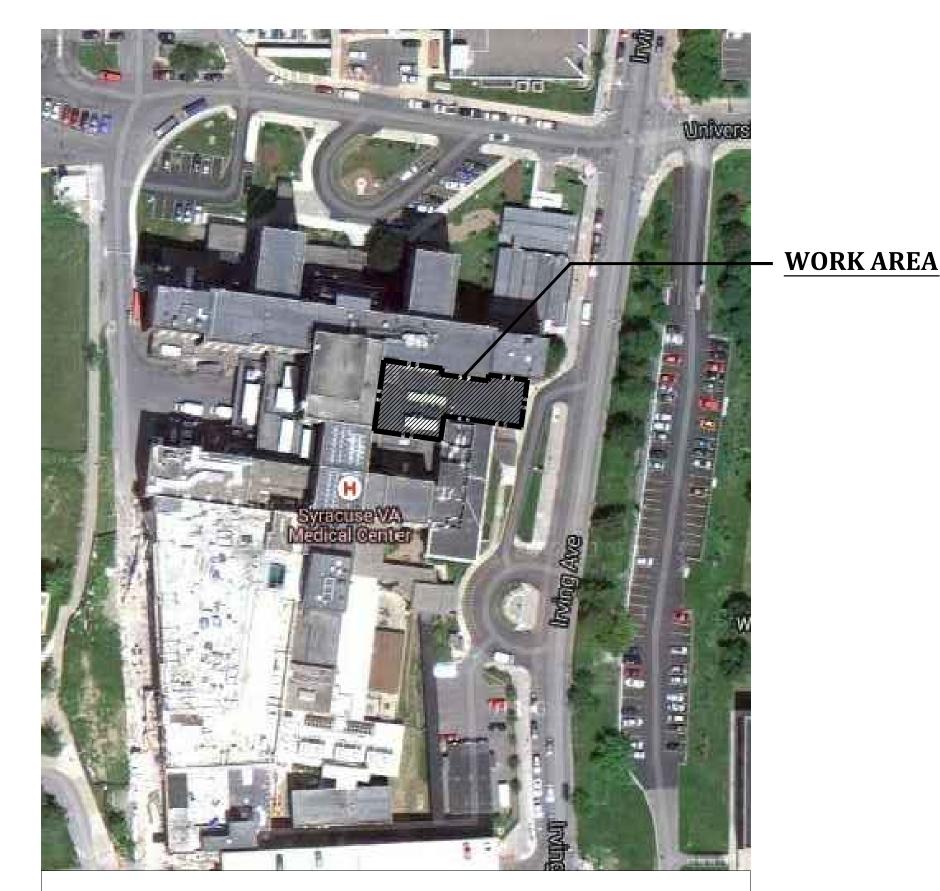


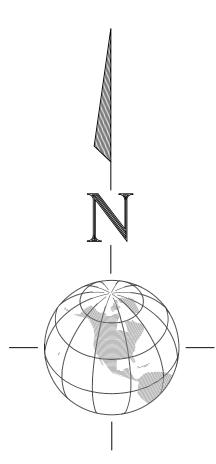
# V.A. MEDICAL CENTER SYRACUSE, NEW YORK

## MRI GANTRY ROOM DESIGN

800 IRVING AVENUE SYRACUSE, NEW YORK

PROJECT NO. 528A7-14-704





KEY PLAN

#### INDEX OF DRAWINGS:

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GI002 GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND SEQUENCE OF OPERATIONS
MD101 MECHANICAL SECOND LEVEL DUCTWORK DEMOLITION PLAN
MD102 MECHANICAL SECOND LEVEL PIPING DEMOLITION PLAN
M101 MECHANICAL SECOND LEVEL NEW DUCTWORK PLAN
M102 MECHANICAL SECOND LEVEL NEW PIPING WORK PLAN
M601 MECHANICAL SCHEDULE, DETAILS, DIAGRAMS, AND ELEVATION

ELECTRICAL SECOND LEVEL DEMOLITION POWER PLAN

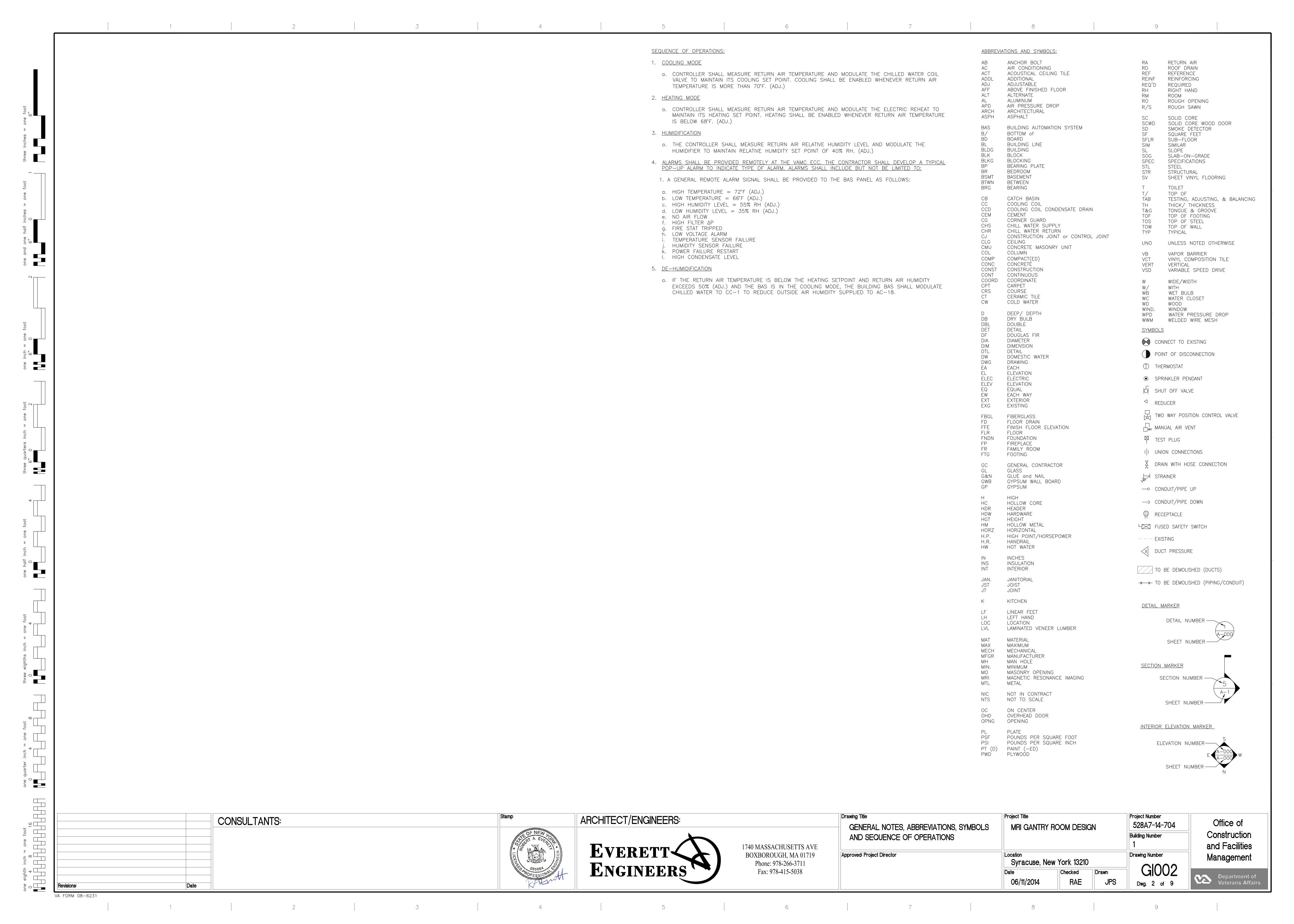
E101 ELECTRICAL SECOND LEVEL NEW WORK POWER PLAN

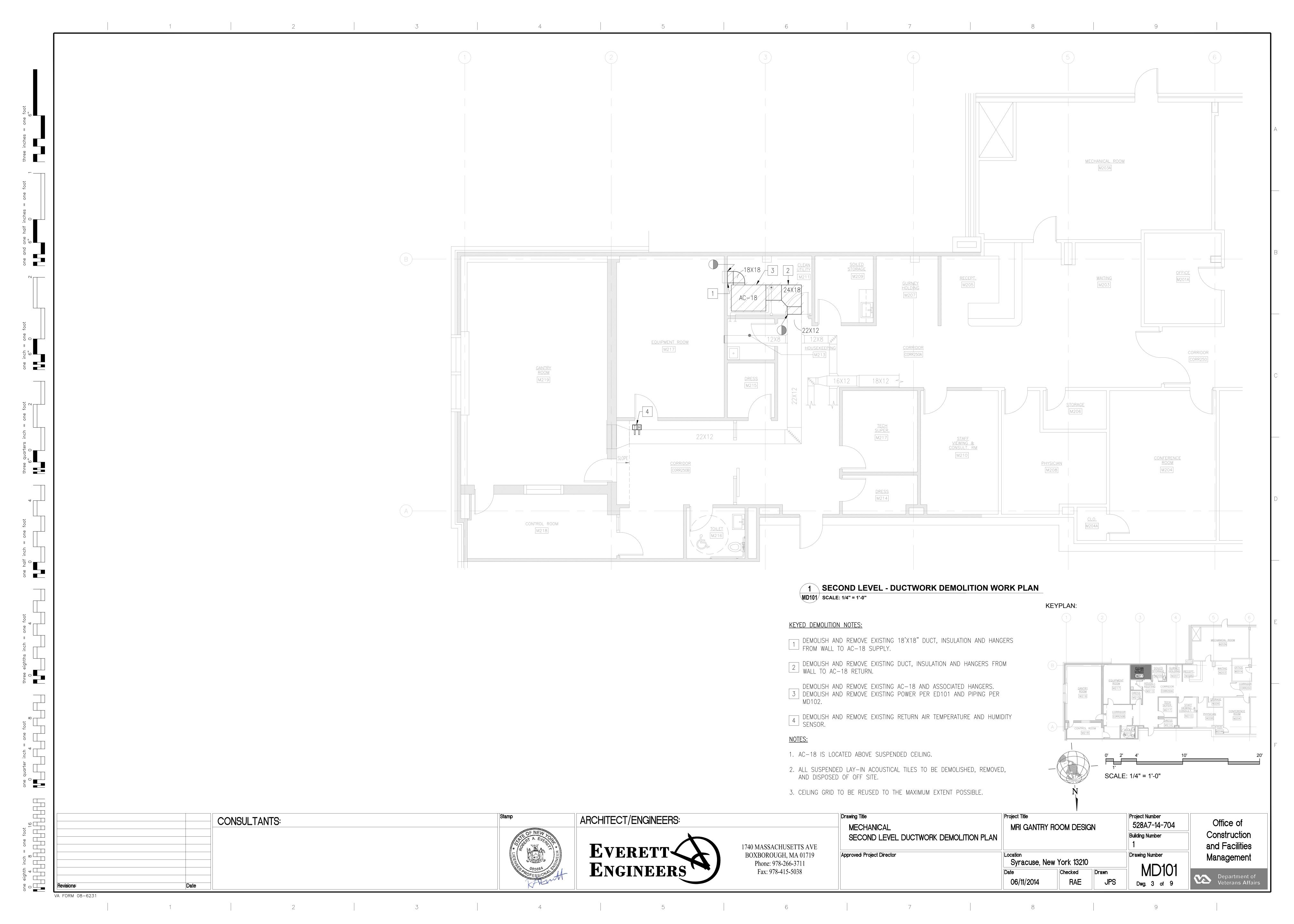
#### STATEMENT OF WORK:

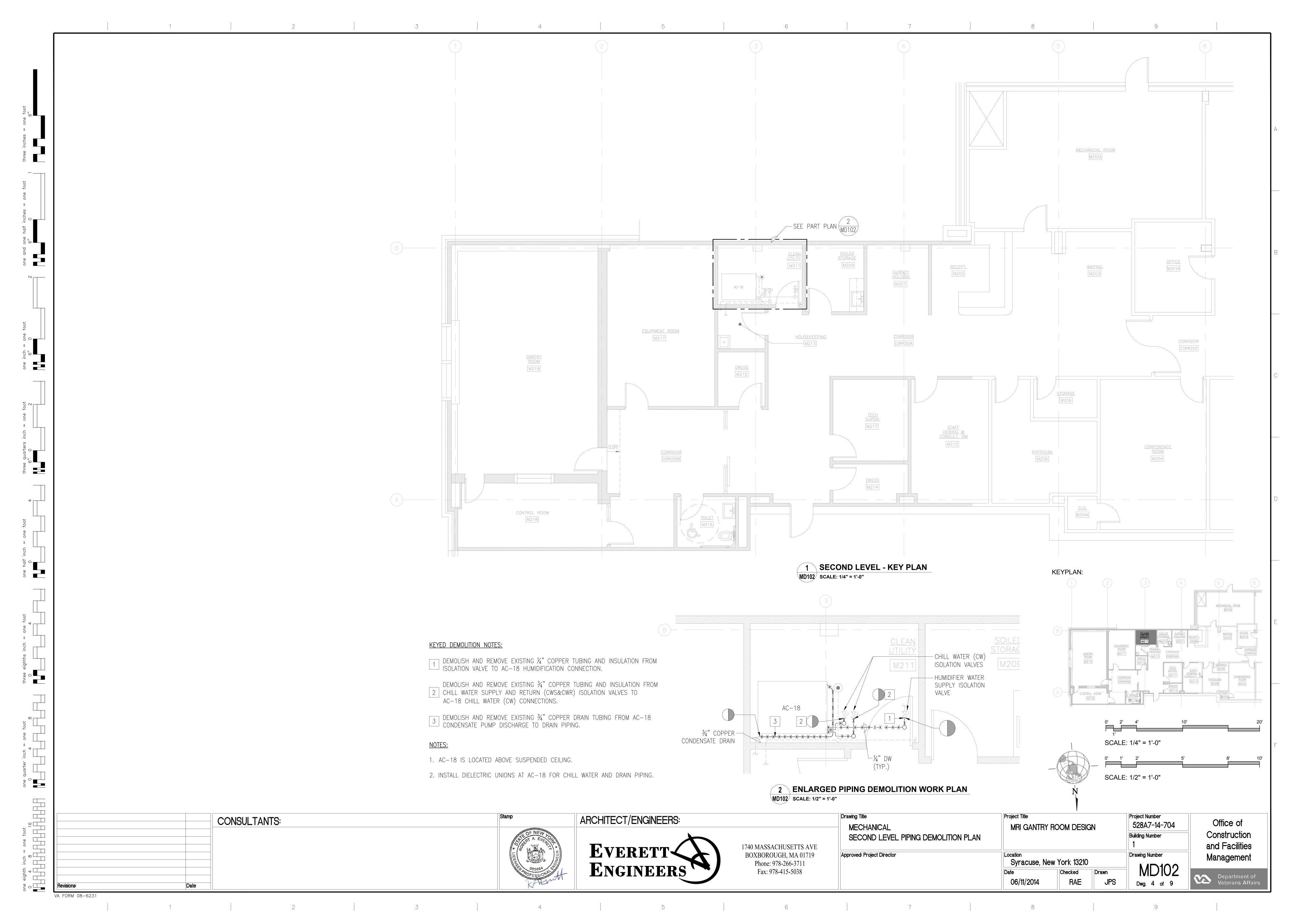
- 1. THE INTENT OF THIS PROJECT IS TO REPLACE THE EXISTING AHU IN THE CEILING OF ROOM M211 WITH A NEW FLOOR MOUNTED CRAC UNIT. ALL NEW DUCTWORK WILL BE INSTALLED IN ROOM M211. DISCONNECTION AND RECONNECTION OF POWER, CHILLED WATER, HUMIDIFICATION WATER AND CONDENSATE DRAINAGE IS INCLUDED IN THIS WORK SCOPE. IN ADDITION, A BACNET OVER ETHERNET CONNECTION FROM THE NEW CRAC UNIT TO THE EXISTING BAS CABINET IN ROOM M203A IS INCLUDED.
- 2. THE OUTAGE FOR CUT OVER TO THE NEW UNIT SHALL BE PERFORMED OVER A WEEKEND COORDINATED WITH THE COR. THE NEW CRAC UNIT SERVES THE MRI GANTRY ROOM (M219) AND EQUIPMENT ROOM (M217) WHICH CONTAINS COMPUTER EQUIPMENT. PREPARATION FOR THE CUT OVER AND WORK FOLLOWING THE CUT OVER MAY BE PERFORMED DURING NORMAL WORKING

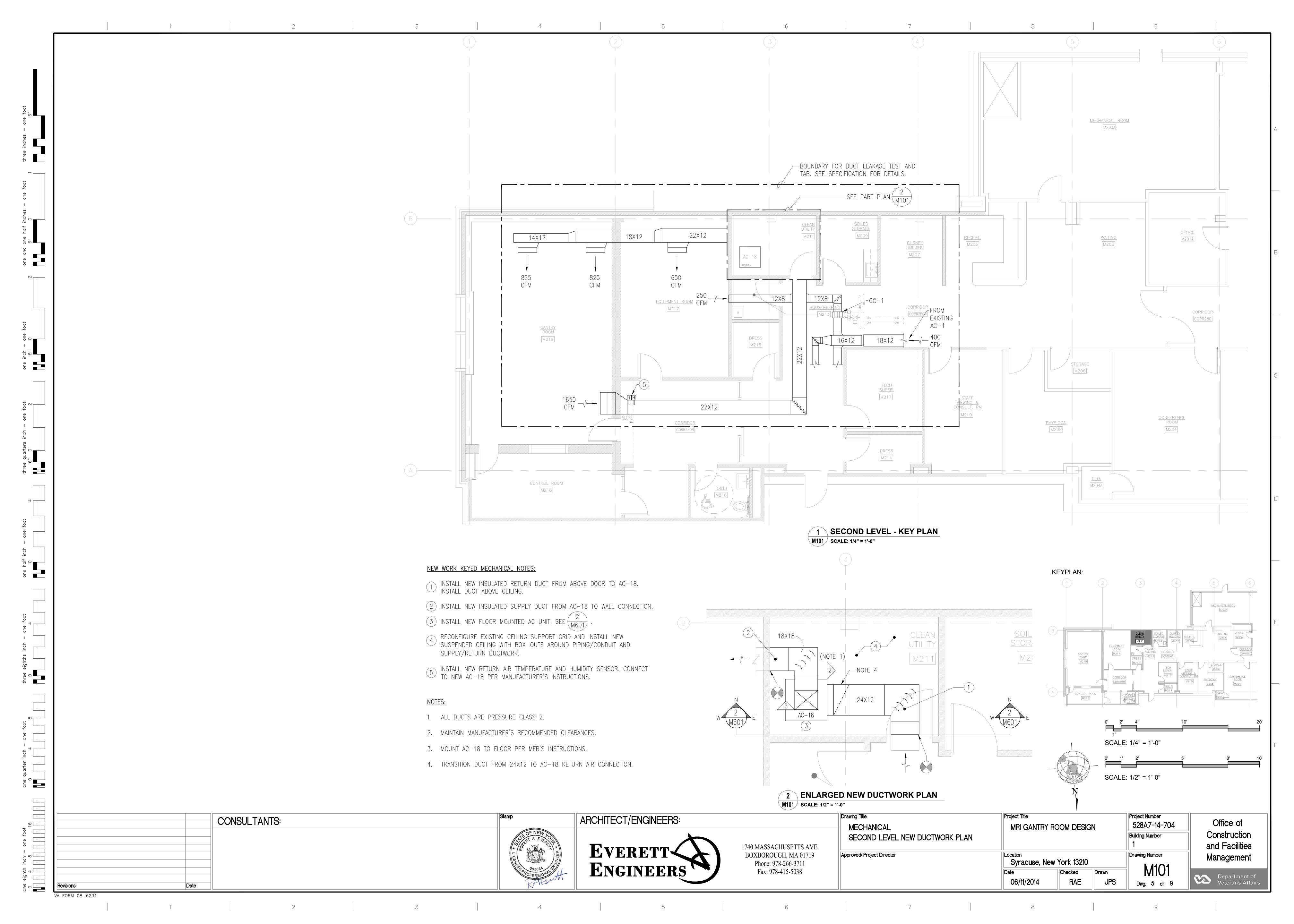
Drawing Title Project Number ARCHITECT/ENGINEERS: CONSULTANTS: Office of 528A7-14-704 **COVER SHEET** MRI GANTRY ROOM DESIGN Construction **Building Number** and Facilities 1740 MASSACHUSETTS AVE BOXBOROUGH, MA 01719 Approved: Project Director Drawing Number Management Phone: 978-266-3711 Fax: 978-415-5038 Syracuse, New York 13210 Engineers Department of Veterans Affairs Dwg. 1 of 9

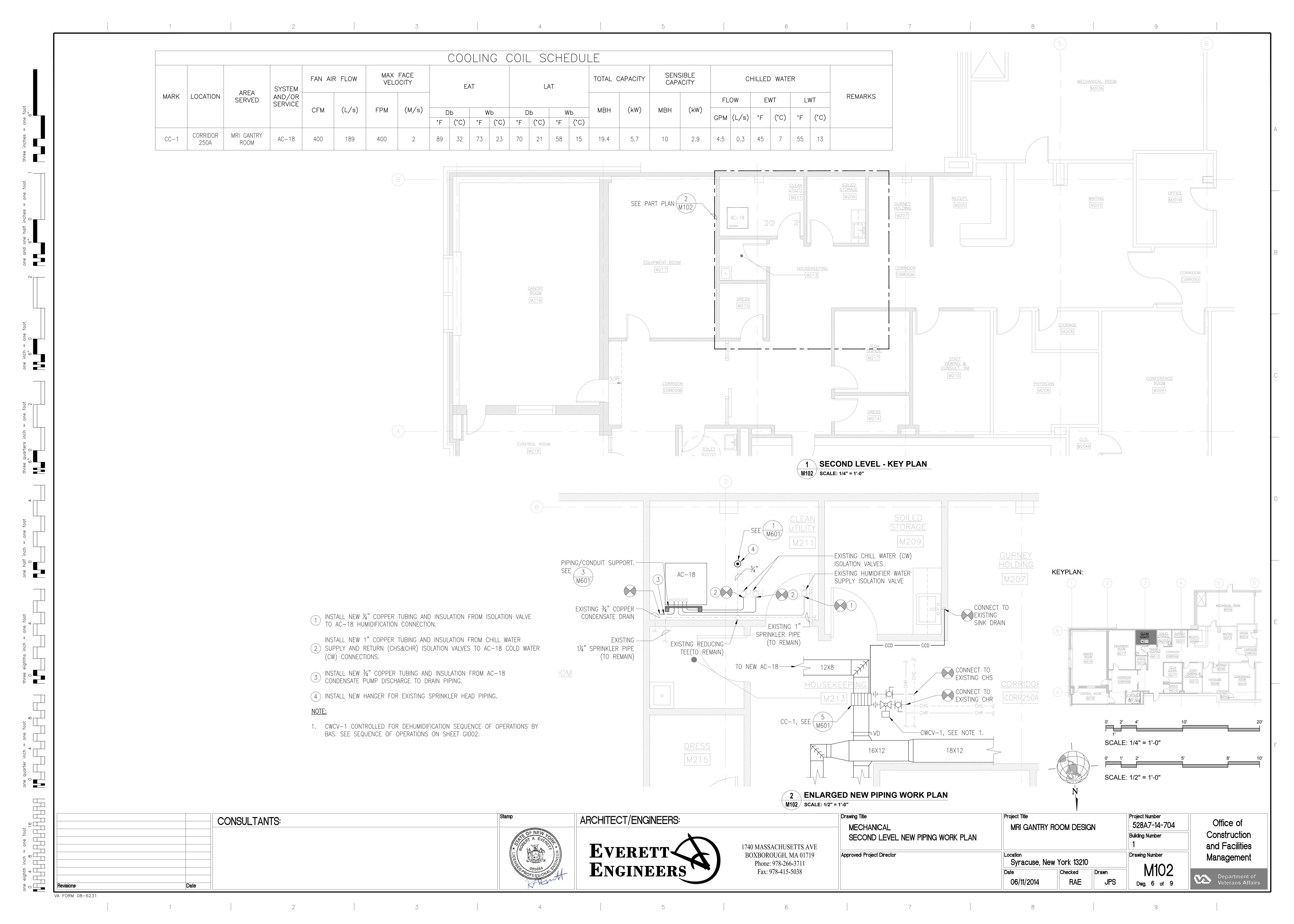
one eighth inch = one foot one quarter inch = one foot 0 + 8 + 16 = 0 = 0 = 0

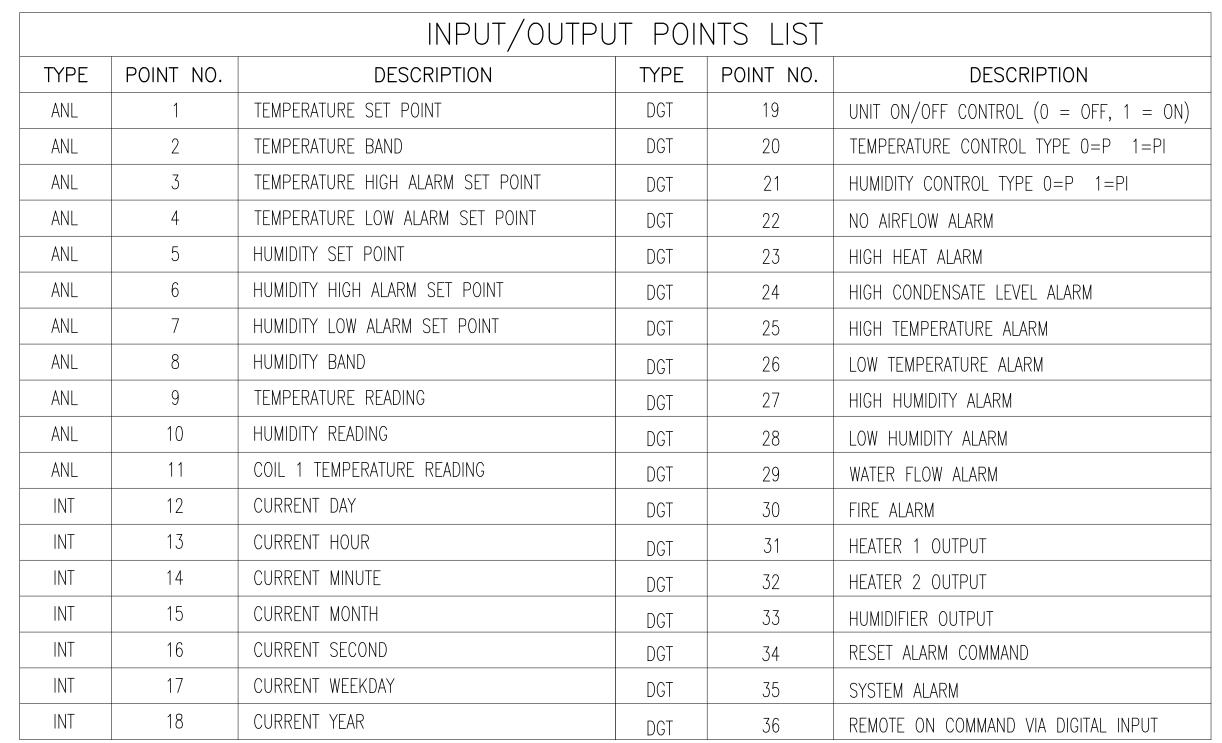












1. THE CONTRACTOR SHALL INSTALL A BACNET OVER ETHERNET CONNECTION BETWEEN AC-18 AND THE JCI MATASYS SYSTEM INCLUDING ALL CONNECTORS, WIRING, CONDUIT, CONTROLLERS, TERMINATIONS, POINT MAPPING, ECC MONITORING GRAPHICS, START UP, ETC. FOR A COMPLETE AND OPERATING SYSTEM THAT INCLUDES ALL REQUIRED INPUT AND OUTPUT CONTROL AND MONITORING POINTS.

2 3



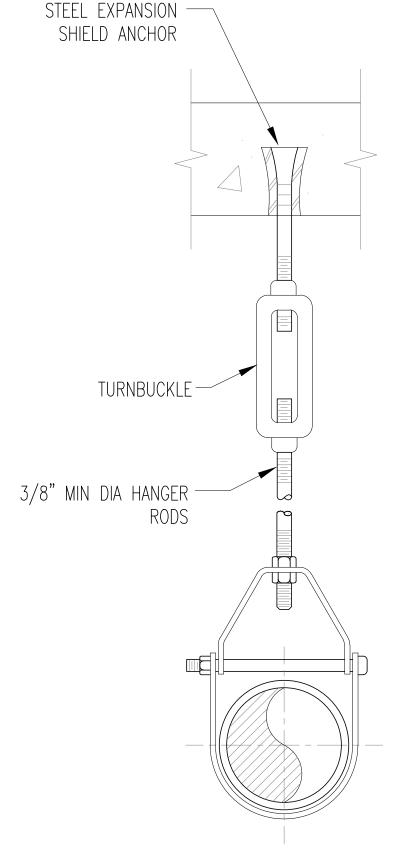
### 1. PIPING/CONDUIT CLIPS TO BE SIZE ACCORDING TO PIPE/CONDUIT SIZE

RECONFIGURE SUSPENDED CEILING AROUND PIPING/CONDUIT WITH 2" CLEARANCE ALL AROUND.

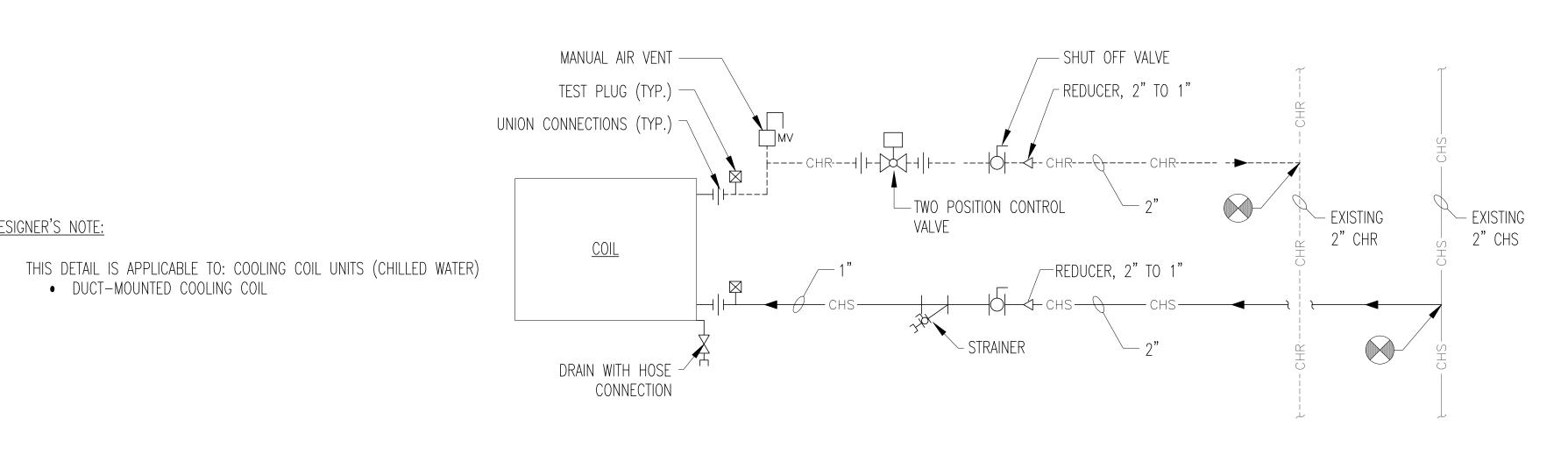
PIPING/CONDUIT SIZES	
DW HUMIDIFIER	1/4" WITH 1" INSULATION
DRAIN	3/4" WITH 1" INSULATION
CHS/CHR	1" WITH 1" INSULATION
POWER CONDUIT	1"
THERMOSTAT AND CONDUIT	3/4"

#### **3** PIPING AND CONDUIT SUPPORT DETAIL M601 NTS

- 32"X24").
- 7. RECONFIGURE SUSPENDED CEILING GRID AROUND SUPPLY AND RETURN DUCTWORK WITH 2" CLEARANCE ALL AROUND.
- 8. INSTALL ALL NEW ACOUSTICAL TILES IN CEILING GRID.
- 9. INSTALL DUCTWORK SUCH THAT UNIT CONTROL PANEL CAN BE READ AND OPERATED LOCALLY.
- 2 ELEVATION CLEAN UTILITY ROOM M211 M601 SCALE: 1/4" = 1'-0"

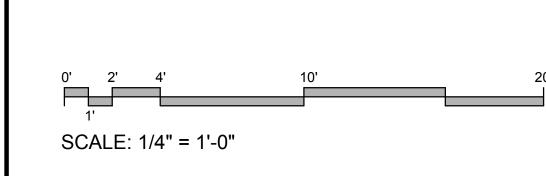


PIPE HANGER DETAIL



6 7

**5** COOLING COILS - PIPING CONNECTIONS M601 NTS



Project Number

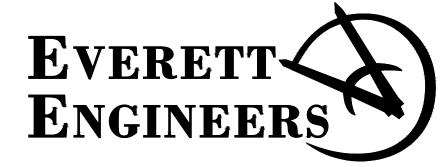
CONSULTANTS:

4

DESIGNER'S NOTE:

DUCT—MOUNTED COOLING COIL

ARCHITECT/ENGINEERS:



1740 MASSACHUSETTS AVE BOXBOROUGH, MA 01719 Phone: 978-266-3711 Fax: 978-415-5038

Drawing Title Project Title MECHANICAL SCHEDULE, DETAILS, DIAGRAMS, AND ELEVATION Approved: Project Director

528A7-14-704 MRI GANTRY ROOM DESIGN **Building Number** Drawing Number Syracuse, New York 13210 RAE 06/11/2014 Dwg. 7 of 9

Office of Construction and Facilities Management Department of Veterans Affairs

VA FORM 08-6231

one eighth inch = one root

0 4 8 16

