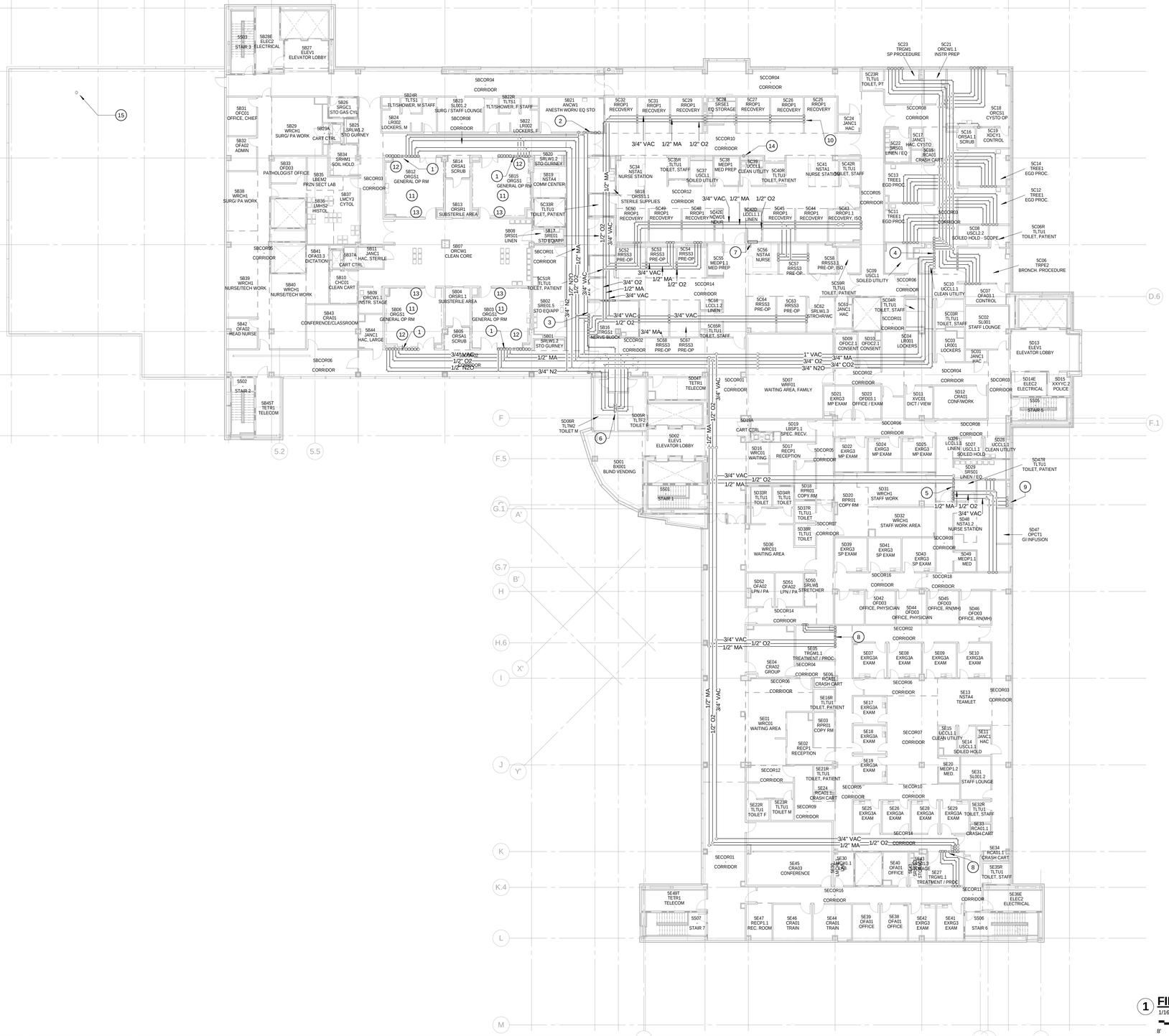

GENERAL NOTES:

1. ALL MEDICAL GAS WORK SHALL CONFORM TO THE LATEST EDITION OF NFPA 99.
2. ALL MEDICAL GAS WORK SHALL BE TESTED AND CERTIFIED BY A 3RD PARTY MGT PARTY.
3. MINIMUM MEDICAL GAS PIPING SIZES SHALL BE:
   1/2" OXYGEN
   1/2" MEDICAL AIR
   3/4" VACUUM
   3/4" NITROGEN
   1/2" NITROUS OXIDE
4. REFER TO ARCHITECTURAL ELEVATIONS AND ENLARGED ROOM PLANS FOR EXACT QUANTITY, MOUNTING LOCATIONS, AND HEIGHTS OF MEDICAL GAS OUTLETS.
5. MEDICAL GAS SERVICE VALVES SHALL CONFORM TO NFPA 99 REQUIREMENTS TO HAVE LOCKED HANDLES.

NEW FLAG NOTES: ◯

1. ZONE VALVE BOX SERVING OPERATING ROOM.
   3/4" MEDICAL VACUUM VALVE
   3/4" WAGD
   1/2" OXYGEN VALVE
   1/2" MEDICAL AIR VALVE
   1/2" CARBON DIOXIDE VALVE
   3/4" NITROGEN VALVE
   1/2" NITROUS OXIDE VALVE
2. ZONE VALVE BOX SERVING ANESTHESIA WORKROOM.
   3/4" VACUUM
   1/2" INSTRUMENT AIR
3. ZONE VALVE BOX SERVING PACU/PRE-OP.
   1" MEDICAL VACUUM VALVE
   3/4" OXYGEN VALVE
   3/4" MEDICAL AIR VALVE
4. ZONE VALVE BOX SERVING ENDOSCOPY.
   3/4" MEDICAL VACUUM VALVE
   1/2" OXYGEN VALVE
   1/2" MEDICAL AIR VALVE
   1/2" CARBON DIOXIDE VALVE
5. ZONE VALVE BOX SERVING GI.
   3/4" MEDICAL VACUUM VALVE
   1/2" OXYGEN VALVE
   1/2" MEDICAL AIR VALVE
6. MEDICAL GAS RISER:
   3/4" INSTRUMENT AIR
   1-1/2" MEDICAL VACUUM
   1" MEDICAL AIR
   1" OXYGEN
   3/4" CARBON DIOXIDE
   3/4" NITROGEN
   3/4" NITROUS OXIDE
7. MAP-1. COMBINATION MASTER ALARM AND AREA ALARM PANEL.
8. ZONE VALVE BOX SERVING TREATMENT.
   3/4" MEDICAL VACUUM
   1/2" OXYGEN VALVE
   1/2" MEDICAL AIR VALVE
9. ROUTE GAS PIPING DOWN AT COLUMN AND RUN OVER TO MEDICAL GAS OUTLETS LOW IN WALL BELOW WINDOW.
10. ROUTE 1/2" OXYGEN, 3/4" VACUUM AND 1/2" MEDICAL AIR DOWN TO HEADWALL BLOCK PROVIDED BY HEADWALL VENDOR. COORDINATE WITH HEADWALL VENDOR FOR EXACT CONNECTION REQUIREMENTS, TYPICAL.
11. CONNECT 1/2" MEDICAL AIR, 1/2" OXYGEN, 3/4" VACUUM, 3/4" WAGD, AND 1/2" NITROUS TO BOOM. CONNECT 1/2" NITROGEN TO BRAKE ASSEMBLY. CONNECT PER VENDER REQUIREMENTS.
12. CONNECT 1/2" CO2, 3/4" VAC TO OUTLETS ON BOOM. CONNECT NITROGEN TO BRAKE ASSEMBLY.
13. ROUTE NITROGEN THROUGH NITROGEN CONTROL PANEL BEFORE SERVING EQUIPMENT.
14. 3" MEDICAL AIR COMPRESSOR INTAKE THROUGH ROOF.
15. 3" DENTAL AIR COMPRESSOR INTAKE THROUGH ROOF.

1 FIFTH FLOOR OVERALL MED GAS PLAN

1/16" = 1'-0"

8' 0 8' 16'

ISSUED FOR CONSTRUCTION

Revisions:	Date

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 27578 JAY KLINE KELLY

CHILDRESS KLEIN PROPERTIES

Cambridge HEALTHCARE SOLUTIONS, LLC

rpadesign
5960 Fairview Road
Suite 500
Charlotte, NC 28210
704 887.3500
704 887.3507 fax

WALTER P MOORE
1201 Peachtree St., NE 400 Colony Square
Suite 1600
Atlanta, GA 30361
Voice: 404.898.9620
Fax: 404.898.9659

CAVEO CONSULTING ENGINEERS
1821 Cumberland Ave
Suite # 100
Charlotte, North Carolina 28203
(704) 348-3097

GEOSCIENCE GROUP Incorporated
500-K Clanton Road
Charlotte, NC 28217
(704) 525-2003

Drawing Title: FIFTH FLOOR OVERALL MED GAS PLAN

Approved: Project Director

Project Title: VA Charlotte Health Care Center

Project Number: SFO# VA-101-10-RP-0081

Building Number:

Location: Charlotte, NC

Drawing Number: MG105

Date: 07/21/2014 | Checked: JKK | Drawn: JJW

Dwg. of

U.S. Department of Veterans Affairs

VA FORM 08-6231

This document is the property of RPA Design Consultants, P.A. and RPA Design Group, or Joint Venture, including copyright. It may not be used for any other purpose than that for which it was prepared without written permission of RPA Design Group. Any product identified or referred to herein is subject to trademark rights. It may not be used for any other purpose than that for which it was prepared without written agreement of the corporation or RPA Design.

8/1/2014 8:39:23 AM