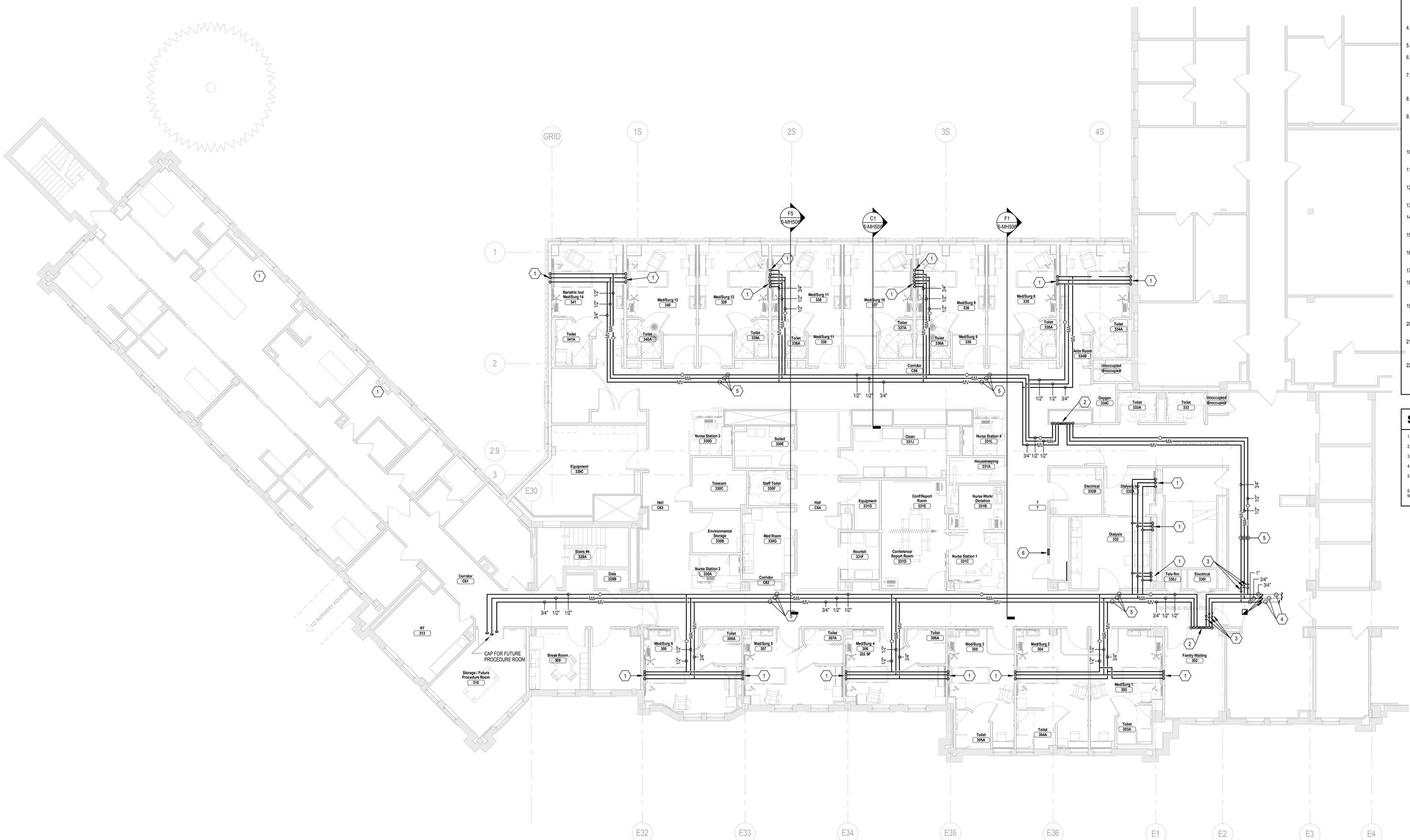
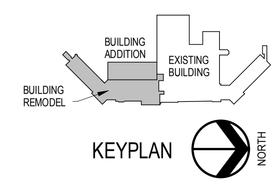


PIPING PLAN GENERAL NOTES

1. MATERIALS AND EQUIPMENT SHOWN ON PLANS SHALL BE NEW AND SHALL BE FURNISHED BY THIS CONTRACTOR UNLESS OTHERWISE INDICATED.
2. IN GENERAL, PIPING SHALL BE RUN CONCEALED IN SUSPENDED CEILING SPACES AND IN SHAFTS PROVIDED UNLESS NOTED OR OTHERWISE INDICATED. CERTAIN ROOMS HAVE NO SUSPENDED CEILINGS, AND PIPING IN THESE ROOMS SHALL BE EXPOSED.
3. PIPING IS INTENDED TO BE CONCEALED IN WALLS AND PARTITIONS UNLESS SPECIFICALLY NOTED OTHERWISE. SOME ITEMS MAY APPEAR NOT TO BE CONCEALED DUE TO DIGITAL REGISTRATION AND ALIGNMENT ISSUES ASSOCIATED WITH THE DUPLICATION PROCESS.
4. COOPERATE WITH THE OTHER TRADES TO AVOID ANY CONFLICTS BETWEEN PIPING, DUCTWORK, ELECTRICAL WORK.
5. DETAILS, SCHEMATICS, DIAGRAMS, DESIGNATE GENERAL ARRANGEMENT ONLY.
6. FOR DETAILS, EQUIPMENT CONNECTIONS, AND PIPE SIZES NOT SHOWN ON FLOOR PLANS, REFER TO ELEVATIONS, DETAILS, RISERS AND SCHEDULES.
7. THIS CONTRACTOR IS RESPONSIBLE FOR ALL SLEEVES AND/OR OPENINGS WHERE REQUIRED TO RUN PIPES THROUGH FOUNDATIONS, FLOOR SLABS, WALLS, BRIDGING AND BEAMS EXCEPT WHERE OTHERWISE INDICATED.
8. CONSULT REFLECTED CEILING PLAN FOR EXACT LOCATION OF SPRINKLER HEADS, GRILLES, REGISTERS, AND DIFFUSERS.
9. CEILING ACCESS IS REQUIRED AT ALL REHEAT COILS, VALVES, FIRE DAMPERS, MANUAL AND MOTORIZED DAMPERS LOCATED ABOVE CEILING. CEILING ACCESS PANELS WILL BE PROVIDED UNDER THE GENERAL SECTION OF CONSTRUCTION AND SHALL BE MINIMUM OF 24" X 24" UNLESS OTHERWISE INDICATED. COORDINATE WITH GENERAL CONTRACTOR.
10. THERMOSTATS LOCATED AT OUTSIDE WALLS SHALL BE MOUNTED ON INSULATED BACKING TO MINIMIZE WALL EFFECT.
11. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY THE A/E IMMEDIATELY OF ANY DISCREPANCIES.
12. WHERE NEW SERVICES ARE SHOWN CONNECTING TO EXISTING, VERIFY EXACT LOCATION AND SIZE OF EXISTING.
13. EXISTING SERVICES SHALL BE MAINTAINED UNLESS OTHERWISE INDICATED.
14. ALL PIPING, FIXTURES, ETC., WHICH ARE DASHED AND/OR INDICATED BY NOTE ON DEMOLITION PLANS SHALL BE REMOVED.
15. PIPE RUNOUT SIZES TO REHEAT COILS SHALL BE 3/4" UNLESS OTHERWISE NOTED.
16. RECIRCULATING HOT WATER, OXYGEN, VACUUM, AIR, AND GAS SHALL BE 1/2" UNLESS OTHERWISE INDICATED.
17. REFER TO THE SPECIFICATIONS FOR SIZING OF CONTROL VALVES.
18. WHERE MATERIAL IS INDICATED TO BE REMOVED, IT SHALL REMAIN THE PROPERTY OF THE OWNER. THIS CONTRACTOR SHALL DISPOSE OF MATERIAL AS DIRECTED BY THE OWNER.
19. BALANCING OF HYDRONIC SYSTEMS SHALL BE PERFORMED BY AN NEBB OR AABC CERTIFIED TEST AND BALANCE AGENCY.
20. PIPE PENETRATIONS OF RATED WALLS AND FLOORS SHALL BE SLEEVED AND PROPERLY FIRE SEALED.
21. PIPE PENETRATIONS OF SMOKE PARTITION WALLS SHALL BE PROPERLY SEALED TO RESIST THE PASSAGE OF SMOKE AS REQUIRED BY THE LOCAL AUTHORITY.
22. THE HEATING AND/OR COOLING HYDRONIC SYSTEM SHALL BE PROVIDED AND FILLED WITH AN ANTIFREEZE GLYCOL SOLUTION (AS INDICATED ON THE EQUIPMENT SCHEDULES) BY THE PIPING CONTRACTOR WHO SHALL BE RESPONSIBLE FOR DETERMINING THE AMOUNT OF GLYCOL REQUIRED.

SHEET KEYNOTES

1. 1/2" MA, 1/2" O., & 3/4" MV ON TO HEADWALL UNIT AT EACH BED. (2) O, (2) MA, (4) MV.
2. MEDICAL GAS ZONE VALVE BOX RECESSED IN WALL FOR O, MA, AND MV.
3. LOCKABLE SERVICE VALVE.
4. EXISTING MEDICAL GAS PIPING CONCEALED ABOVE ACCESSIBLE SUSPENDED CEILING.
5. NEW MEDICAL GAS PIPING CONCEALED ABOVE ACCESSIBLE SUSPENDED CEILING.
6. NEW MEDICAL GAS AREA ALARM PANEL RECESSED IN WALL. PROVIDE SENSORS FOR MEDICAL AIR, MEDICAL VACUUM AND OXYGEN. PANEL COMPLETE WITH GAUGES, INDICATOR LIGHTS AND TEST BUTTON.



1F 3RD FLOOR MEDICAL GAS PIPING PLAN
1/8" = 1'-0"

FULLY SPRINKLERED
100% CONSTRUCTION DOCUMENTS

MARK	REVISION DESCRIPTION	DATE

CONSULTANTS:

REGISTERED PROFESSIONAL ENGINEER
REG. NO
9068
BRIAN S. WEBSTER
DATE 8/06/2012

ARCHITECTS/ ENGINEERS:

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Drawing Title: 3RD FLOOR MEDICAL GAS PIPING PLAN

Approved: Project Director

Project Title: Sioux Falls VA Health Care System Acute Inpatient Medical Unit Addition and Renovation

Location: VA Medical Center, 2501 W. 22nd Street, PO Box 5046, Sioux Falls, SD 57117-5046

Date: 08/06/2012 | Checked: BSW | Drawn: RAK

Project Number: 04100857

Building Number: 5

Drawing Number: 5-MP113

Dwg. 87 of 123

Office of Construction and Facilities Management

Department of Veterans Affairs

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