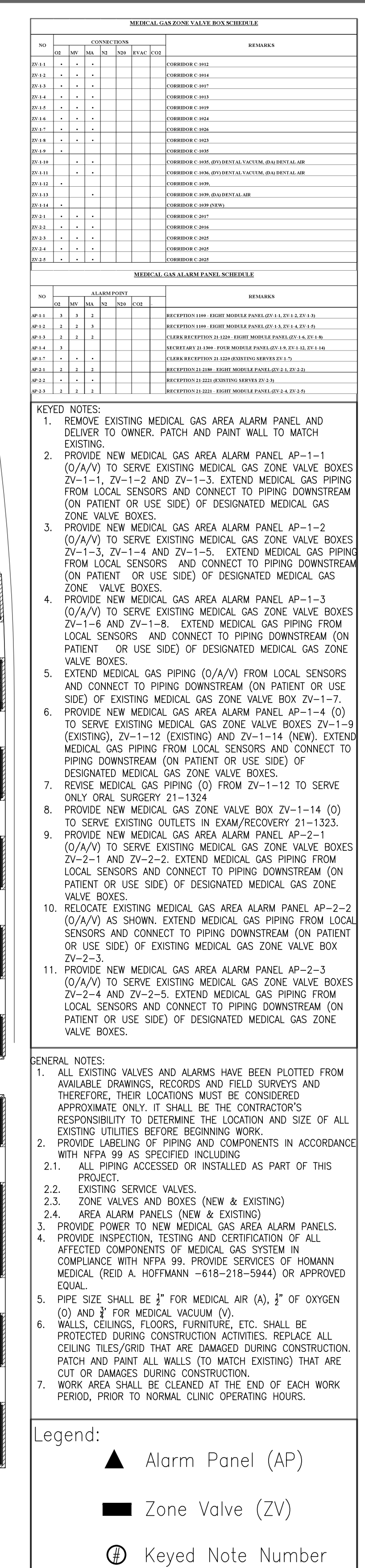


REVISION 1: REPLACE PREVIOUS ISSUE	23 AUG 16	Approved: VHSO Facility Manager	Project Title CORRECT BUILDING 21 MEDICAL GAS DEFICIENCIES	Drawing Title PARTIAL FIRST FLOOR (NORTH) MEDICAL GAS	Project Number 564-16-109
		Approved: Engineering Service Chief	One inch or not to scale! 	Location Fayetteville, Arkansas	Building Number 21
Notes and/or Revisions:	Date		Scale: NONE	Checked LDC	Drawing Number 21-P101
CUSTOM VA FORM 08-6231B, MAY 2012				Drawn JH	Sheet 1 of 4
				Date 23 AUG 2016	

Engineering Service


**VETERANS HEALTH CARE SYSTEM
OF THE OZARKS**



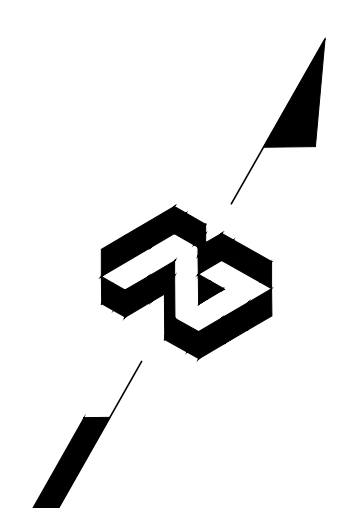
Approved: VHSO Facility Manager
Approved: Engineering Service Chief

Drawing Title PARTIAL FIRST FLOOR (SOUTH) MEDICAL GAS		
Location Fayetteville, Arkansas		
Checked LDC	Drawn JH	Date 23 AUG 2016

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**VETERANS HEALTH CARE SYSTEM
OF THE OZARKS**





KEYED NOTES:

1. REMOVE EXISTING MEDICAL GAS AREA ALARM PANEL AND REWIRE TO OWNER. PATCH AND PAINT WALL TO MATCH EXISTING.
2. PROVIDE NEW MEDICAL GAS AREA ALARM PANEL AP-1-1 (0/4/V) TO SERVE EXISTING MEDICAL GAS ZONE VALVE BOXES ZV-1-1, ZV-1-2 AND ZV-1-3. EXTEND MEDICAL GAS PIPING FROM LOCAL SENSORS AND CONNECT TO PIPING DOWNSTREAM (ON PATIENT OR USE SIDE) OF DESIGNATED MEDICAL GAS ZONE VALVE BOXES.
3. PROVIDE NEW MEDICAL GAS AREA ALARM PANEL AP-1-2 (0/4/V) TO SERVE EXISTING MEDICAL GAS ZONE VALVE BOXES ZV-1-3, ZV-1-4 AND ZV-1-5. EXTEND MEDICAL GAS PIPING FROM LOCAL SENSORS AND CONNECT TO PIPING DOWNSTREAM (ON PATIENT OR USE SIDE) OF DESIGNATED MEDICAL GAS ZONE VALVE BOXES.
4. PROVIDE NEW MEDICAL GAS AREA ALARM PANEL AP-1-3 (0/4/V) TO SERVE EXISTING MEDICAL GAS ZONE VALVE BOXES ZV-1-6 AND ZV-1-8. EXTEND MEDICAL GAS PIPING FROM LOCAL SENSORS AND CONNECT TO PIPING DOWNSTREAM (ON PATIENT OR USE SIDE) OF DESIGNATED MEDICAL GAS ZONE VALVE BOXES.
5. EXTEND MEDICAL GAS PIPING (0/4/V) FROM LOCAL SENSORS AND CONNECT TO PIPING DOWNSTREAM (ON PATIENT OR USE SIDE) OF EXISTING MEDICAL GAS ZONE VALVE BOX ZV-1-7.
6. PROVIDE NEW MEDICAL GAS AREA ALARM PANEL AP-1-4 (0) TO SERVE EXISTING MEDICAL GAS ZONE VALVE BOX ZV-1-7 (EXISTING). ZV-1-12 (EXISTING) AND ZV-1-14 (NEW). EXTEND MEDICAL GAS PIPING FROM LOCAL SENSORS AND CONNECT TO PIPING DOWNSTREAM (ON PATIENT OR USE SIDE) OF EXISTING AND MEDICAL GAS ZONE VALVE BOXES.
7. REVERSE MEDICAL GAS PIPING (0) FROM ZV-1-12 TO SERVE ONLY ORAL SURGERY 21-1324.
8. PROVIDE NEW MEDICAL GAS ZONE VALVE BOX ZV-1-14 (0) TO SERVE EXISTING MEDICAL GAS ZONE VALVE BOX ZV-1-1323.
9. PROVIDE NEW MEDICAL GAS AREA ALARM PANEL AP-2-1 (0/4/V) TO SERVE EXISTING MEDICAL GAS ZONE VALVE BOXES ZV-2-1 AND ZV-2-2. EXTEND MEDICAL GAS PIPING FROM LOCAL SENSORS AND CONNECT TO PIPING DOWNSTREAM (ON PATIENT OR USE SIDE) OF DESIGNATED MEDICAL GAS ZONE VALVE BOXES.
10. RELOCATE EXISTING MEDICAL GAS AREA ALARM PANEL AP-2-2 (0) AS SHOWN. EXTEND MEDICAL GAS PIPING FROM LOCAL SENSORS AND CONNECT TO PIPING DOWNSTREAM (ON PATIENT OR USE SIDE) OF EXISTING MEDICAL GAS ZONE VALVE BOX ZV-2-3.
11. PROVIDE NEW MEDICAL GAS AREA ALARM PANEL AP-2-3 (0/4/V) TO SERVE EXISTING MEDICAL GAS ZONE VALVE BOXES ZV-2-4 AND ZV-2-5. EXTEND MEDICAL GAS PIPING FROM LOCAL SENSORS AND CONNECT TO PIPING DOWNSTREAM (ON PATIENT OR USE SIDE) OF DESIGNATED MEDICAL GAS ZONE VALVE BOXES.

- GENERAL NOTES:
1. ALL EXISTING VALVES AND ALARMS HAVE BEEN PLOTTED FROM AVAILABLE DRAWINGS, RECORDS AND FIELD SURVEYS. THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION AND SIZE OF ALL EXISTING UTILITIES BEFORE BEGINNING WORK.
 2. PROVIDE LABELING OF PIPING AND COMPONENTS IN ACCORDANCE WITH 1910.269 AS WELL AS INCLUDING:
 - 2.1. ALL PIPING ACCESSED OR INSTALLED AS PART OF THIS PROJECT.
 - 2.2. EXISTING SERVICE VALVES.
 - 2.3. ZONE VALVES AND BOXES (NEW & EXISTING)
 - 2.4. AREA ALARM PANELS (NEW & EXISTING)
 - 2.5. PROVIDE POWER TO ALL EXISTING AND NEW ALARM PANELS.
 - 2.6. PROVIDE INSPECTION, TESTING AND CERTIFICATION OF ALL AFFECTED COMPONENTS OF MEDICAL GAS SYSTEM IN ACCORDANCE WITH NFPA 99 AND THE SERVICES OF HONNAN MEDICAL (REID A. HOFFMAN—618-218-5944) OR APPROVED EQUIV.
 3. O₂ AND N₂ SIZE SHALL BE 1" FOR MEDICAL AIR (A), 1/2" OF OXYGEN (O) AND 3/4" FOR MEDICAL VACUUM (V).
 4. WALLS, CEILINGS, FLOORS, FURNITURE, ETC. SHALL BE PROTECTED DURING CONSTRUCTION ACTIVITIES. REDUCE ALL VIBRATION AND NOISE TO MINIMUM DURING CONSTRUCTION. PATCH AND PAINT ALL WALLS TO MATCH EXISTING THAT ARE OUT OR DAMAGED DURING CONSTRUCTION.
 5. WORK AREA SHALL BE CLEANED AT THE END OF EACH WORK

Legend:


- ▲ Alarm Panel (AP)
- Zone Valve (ZV)
- ⑦ Keved Note Number

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										Building Number 21					
			Approved: Engineering Service Chief		One inch or not to scale! 		Scale: NONE			Location Fayetteville, Arkansas			Drawing Number 21-P103		
Notes and/or Revisions:		Date					Checked LDC			Drawn JH			Date 23 AUG 2016		Sheet 3 of 4

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**VETERANS HEALTH CARE SYSTEM
OF THE OZARKS**