

1 PLUMBING FIRST FLOOR MEDICAL GAS PLAN
SCALE 1/8" = 1'-0"

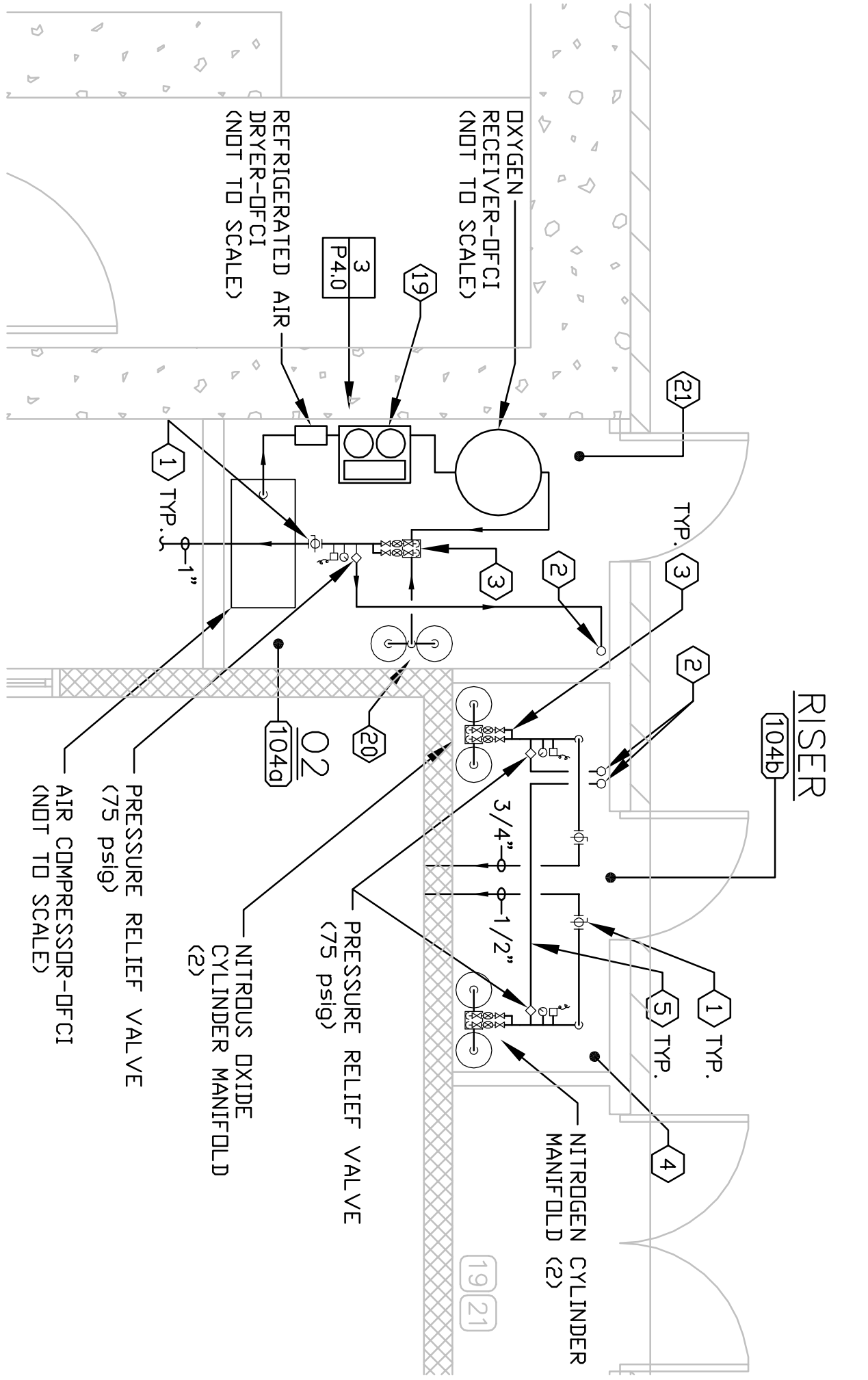
MEDICAL GAS OUTLET LEGEND	
SERVICE	LOCATION
MG1 (1) OXYGEN (1) NITROUS OXIDE	REFER TO ARCH. DWGS. FOR LOCATION AND DETAILS
MG2 (1) OXYGEN	REFER TO ARCH. DWGS. FOR LOCATION AND DETAILS
MG3 (1) OXYGEN, (1) NITROUS OXIDE, (1) NITROGEN	REFER TO ARCH. DWGS. FOR LOCATION AND DETAILS

MEDICAL GAS PIPING LEGEND	
MARK	SERVICE
O	OXYGEN
N	NITROGEN
NO	NITROUS OXIDE
MGV	MEDICAL GAS VALVE (ZONE VALVE)
MA	MASTER ALARM

- KEYED NOTES:**
- 16 PROVIDE MEDICAL GAS ZONE VALVE BOX FOR ROOM 144 WITH 1/2" OXYGEN, 1/2" NITROUS OXIDE AND 1/2" NITROGEN VALVES. TOP OF VALVE BOX TO BE 66" A.F.F.
 - 17 LOCATE ALARM SENSORS ACCESSIBLY ABOVE CEILING TO MONITOR OXYGEN, NITROUS OXIDE AND NITROGEN SERVICES FOR ROOM 144. SENSORS SHALL BE DOWNSTREAM OF ROOM SHUT-OFF VALVES.
 - 18 PROVIDE NITROGEN CONTROL PANEL FOR OPERATING ROOM WITH 1/2" NITROGEN. REFER TO ARCH. DWGS. FOR LOCATION AND HEIGHT.
 - 19 OXYGEN GENERATOR. REFER TO OWNER'S MANUAL FOR PIPING DIAGRAMS AND DETAILS.
 - 20 RESERVE OXYGEN CYLINDERS WITH MANIFOLD SECURELY FASTEN CYLINDERS TO WALLS.
 - 21 EQUIPMENT SHOWN IN THE OXYGEN ROOM IS SHOWN GRAPHICALLY ONLY. ORIENTATION OF EQUIPMENT SHALL BE DETERMINED BY THE OWNER. ALL EQUIPMENT IS TO BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE CODES AND ALL APPLICANCES REQUIRED TO INSTALL THE EQUIPMENT IN A FIRST CLASS INSTALLATION. INSTALLATION WILL MEET OR EXCEED THE LATEST EDITION OF NFPA-99.

- GENERAL NOTES:**
1. REFER TO SHEET P-1 FOR PLUMBING LEGEND AND GENERAL NOTES.
 2. DO NOT INSTALL PIPING AT LOCATIONS THAT WILL INTERFERE WITH SERVICE ACCESSIBILITY TO EQUIPMENT.
 3. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED PLANS, TYPE AND LOCATIONS OF RATED WALLS AND FLOORS.
 4. ALL PIPING ON THIS SHEET IS SHOWN AS ABOVE SLAB UNLESS NOTED OTHERWISE.
 5. THESE DRAWINGS ARE SPHERMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL OFFSETS. PIPING WILL BE INSTALLED AS CLOSE AS POSSIBLE TO LOCATIONS SHOWN AND COORDINATED WITH OTHER TRADES.
 6. REFER TO EQUIPMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ALL OWNER FURNISHED EQUIPMENT AND PROVIDE SERVICES TO EACH ITEM AS REQUIRED.
 9. NOT ALL KEYED NOTES ON THIS SHEET MAY CORRESPOND TO THIS SHEET.
 10. PLUMBING CONTRACTOR SHALL FURNISH THE BUILDING OWNER A COMPLETE SET OF AS-BUILT DRAWINGS SHOWING MEDICAL GAS OUTLETS AND MANIFOLD LOCATIONS.
 11. ALL MEDICAL GAS PIPING SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE LATEST EDITION OF NFPA-99. ALL GAS CYLINDERS SHALL BE SECURELY FASTENED TO THE NEAREST WALL.

- KEYED NOTES:**
- 1 SOURCE VALVE.
 - 2 PRESSURE RELIEF PIPING TO TERMINATE THROUGH EXTERIOR WALL OR THROUGH ROOF PROJECT WITH GREENED RETURN BEND. COORDINATE WITH PROJECT ARCHITECT EXACT TERMINATION POINT.
 - 3 CHANGE OVER ACTUATING SWITCH, PRESSURE REGULATORS, CHECK VALVES AND SHUT-OFF VALVES. REFER TO RISER DIAGRAM FOR ADDITIONAL INFORMATION.
 - 4 NOT USED.
 - 5 PRESSURE RELIEF PIPING.
 - 6 COORDINATE ROUTING OF MEDICAL GAS PIPING WITH ALL MEP TRADES, STRUCTURAL AND ARCHITECTURAL ELEMENTS--TYPICAL.
 - 7 ROUTE 1/2" OXYGEN AND 1/2" NITROUS OXIDE DOWN TO CEILING MOUNTED OUTLETS (TYPICAL). REFER TO ARCH. DWGS. FOR LOCATION AND DETAILS.
 - 8 ROUTE 1/2" OXYGEN DOWN TO CEILING MOUNTED OUTLETS (TYPICAL). REFER TO ARCH. DWGS. FOR LOCATION AND DETAILS.
 - 9 ROUTE 1/2" OXYGEN, 1/2" NITROGEN OXIDE AND 1/2" NITROGEN DOWN TO CEILING MOUNTED OUTLETS (TYPICAL). REFER TO ARCH. DWGS. FOR LOCATION AND DETAILS.
 - 10 PROVIDE MEDICAL GAS ZONE VALVE BOX FOR ROOMS 103, 106, 109, 110, 112 AND 113 WITH 1/2" OXYGEN AND 1/2" NITROUS OXIDE VALVES. TOP OF VALVE BOX TO BE 66" A.F.F.
 - 11 LOCATE ALARM SENSORS ACCESSIBLY ABOVE CEILING TO MONITOR OXYGEN & NITROUS OXIDE SERVICES FOR ROOMS 109, 110, 112 AND 113. SENSORS SHALL BE DOWNSTREAM OF ROOM SHUT-OFF VALVES.
 - 12 PROVIDE MEDICAL GAS ZONE VALVE BOX FOR ROOMS 123, 130, 131, 132 AND 134 WITH 1" OXYGEN AND 3/4" NITROUS OXIDE VALVES. TOP OF VALVE BOX TO BE 66" A.F.F.
 - 13 LOCATE ALARM SENSORS ACCESSIBLY ABOVE CEILING TO MONITOR OXYGEN & NITROUS OXIDE SERVICES FOR ROOMS 123, 130, 131, 132 AND 134. SENSORS SHALL BE DOWNSTREAM OF ROOM SHUT-OFF VALVES.
 - 14 PROVIDE MEDICAL GAS ZONE VALVE BOX FOR ROOM 142 WITH 1/2" OXYGEN, 1/2" NITROUS OXIDE AND 1/2" NITROGEN VALVES. TOP OF VALVE BOX TO BE 66" A.F.F.
 - 15 LOCATE ALARM SENSORS ACCESSIBLY ABOVE CEILING TO MONITOR OXYGEN, NITROUS OXIDE AND NITROGEN SERVICES FOR ROOM 142. SENSORS SHALL BE DOWNSTREAM OF ROOM SHUT-OFF VALVES.



2 ENLARGED O2 AND RISER ROOMS
SCALE 1/4" = 1'-0"

JOB NO. :	AS NOTED
SCALE :	AS NOTED
DRAWN BY :	JDH
DATE :	03/30/07
REVISIONS :	
SHEET :	P2.0
PLUMBING FIRST FLOOR MEDICAL GAS PLAN	

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