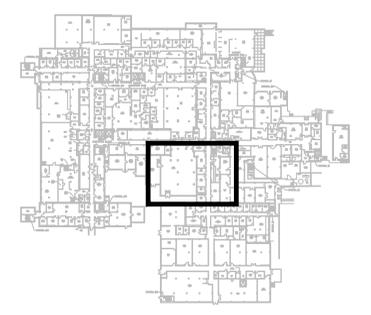


GENERAL NOTES:

1. THERE ARE OTHER UTILITIES, EQUIPMENT, ETC IN THIS SPACE THAT ARE NOT SHOWN FOR CLARITY. CONTRACTOR TO ACCOUNT FOR THESE ITEMS.
2. ALL MED GAS PIPING IS LOCATED IN CEILINGS AND WALLS. PATCH WALLS AFTER WORK IS COMPLETE.
3. PAINT TO MATCH EXISTING, COORDINATE WITH OWNER. IF COLOR CANNOT BE MATCHED, CONTRACTOR TO PAINT CORNER TO CORNER AND MAKE ACCENT WALL.
4. CONTRACTOR TO SCHEDULE WORK WITH THE VA COR.
5. MEDICAL GAS CERTIFICATIONS TO BE PERFORMED IN EACH AREA OR SYSTEM IMMEDIATELY AFTER IT IS COMPLETED.
6. ALL OLD TO NEW SWITCH OVER NEEDS TO HAPPEN IN ONE NIGHT SHUTDOWN AND CERTIFIED AT THE SAME TIME.

KEYED PLUMBING NOTES	
①	REMOVE ALL MA PIPE AND PIPE ACCESSORIES TO DISCONNECT POINTS INDICATED
②	REMOVE ALL MV PIPE AND PIPE ACCESSORIES TO DISCONNECT POINTS INDICATED.
③	REMOVE EXISTING MEDICAL AIR EQUIPMENT
④	REMOVE EXISTING VACUUM EQUIPMENT

LINE LEGEND	
	EXISTING
	DEMO
	NEW CONSTRUCTION
	ALARM PANEL
	ZONE VALVES
	SENSORS
	CONNECT POINT
	DISCONNECT POINT
	DUST BARRIER
	1-HR FIRE RATED WALL
	2-HR FIRE RATED WALL
	SMOKE BARRIER



1 BASEMENT - DEMOLITION PLAN
 P-1.01 SCALE 1/4" = 1'-0"

N PLAN NORTH
 N TRUE NORTH

Revisions:	Date

CONSULTANTS:

ARCHITECT

FOURFRONT DESIGN INC.
 517 7TH STREET
 RAPID CITY, SOUTH DAKOTA 57701
 PH: (605) 342-9470
 FAX: (605) 342-2377
 WWW.FOURFRONTDESIGN.COM

Drawing Title
BASEMENT - DEMOLITION PLAN

Approved: Project Director
Fargo VA Health Care System

Project Title
UPGRADE MEDICAL GAS SYSTEM

Location
 2101 ELM ST N, FARGO, ND 58102

Date
 07/07/2021

Checked
 RD

Drawn
 BM

Project Number
 437-21-160

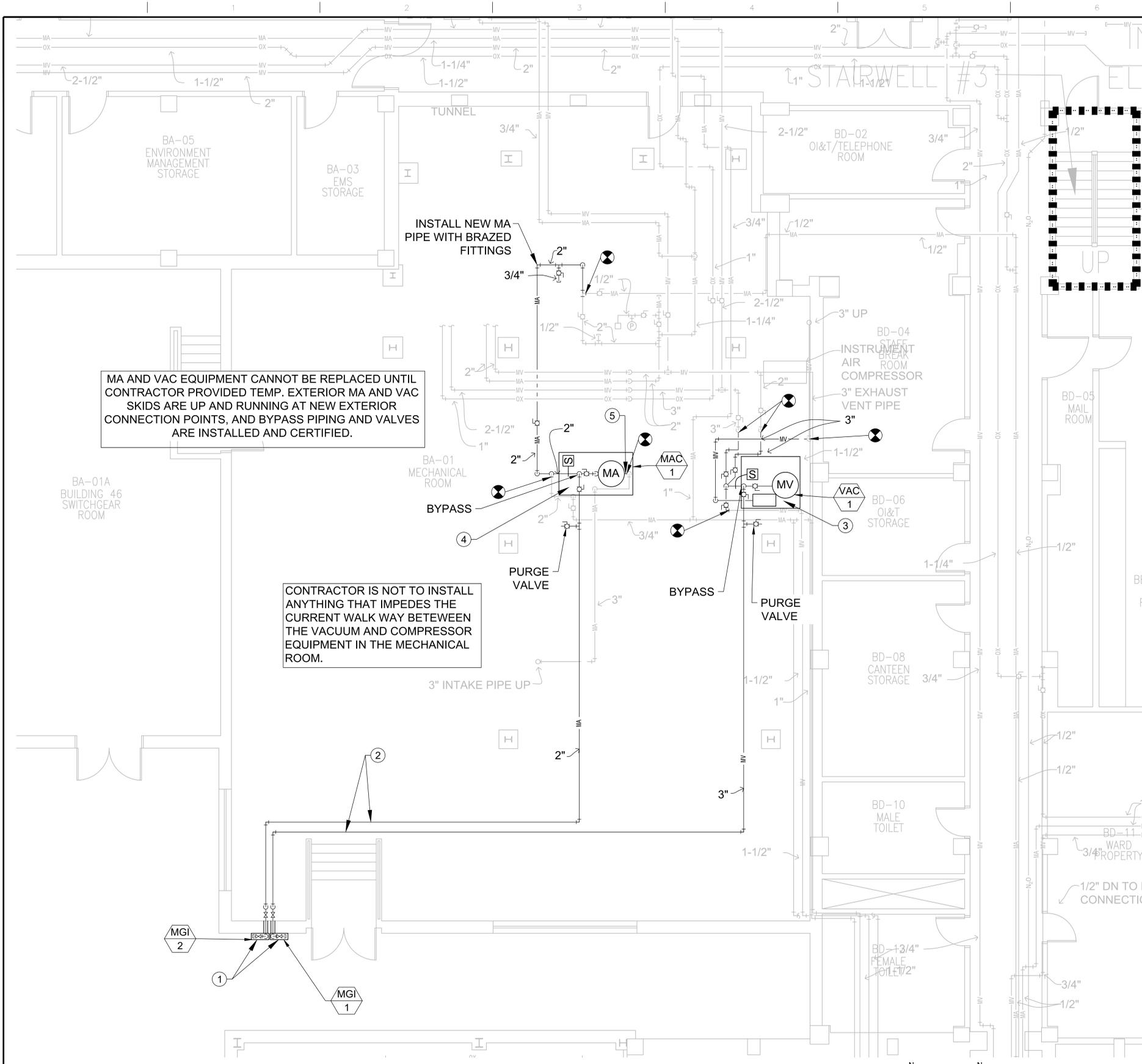
Building Numbers
1,946

Drawing Number
P-1.01

Dwg. 13 of 40

Office of Construction and Facilities Management

Department of Veterans Affairs



MA AND VAC EQUIPMENT CANNOT BE REPLACED UNTIL CONTRACTOR PROVIDED TEMP. EXTERIOR MA AND VAC SKIDS ARE UP AND RUNNING AT NEW EXTERIOR CONNECTION POINTS, AND BYPASS PIPING AND VALVES ARE INSTALLED AND CERTIFIED.

CONTRACTOR IS NOT TO INSTALL ANYTHING THAT IMPEDES THE CURRENT WALK WAY BETWEEN THE VACUUM AND COMPRESSOR EQUIPMENT IN THE MECHANICAL ROOM.

INSTALL NEW MA PIPE WITH BRAZED FITTINGS

GENERAL NOTES:

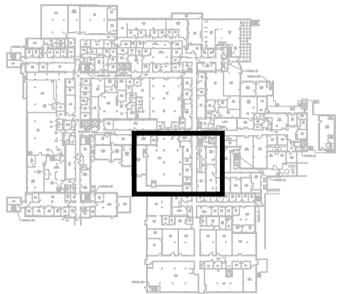
1. THERE ARE OTHER UTILITIES, EQUIPMENT, ETC IN THIS SPACE THAT ARE NOT SHOWN FOR CLARITY. CONTRACTOR TO ACCOUNT FOR THESE ITEMS.
2. ALL MED GAS PIPING IS LOCATED IN CEILINGS AND WALLS. PATCH WALLS AFTER WORK IS COMPLETE.
3. PAINT TO MATCH EXISTING, COORDINATE WITH OWNER. IF COLOR CANNOT BE MATCHED, CONTRACTOR TO PAINT CORNER TO CORNER AND MAKE ACCENT WALL.
4. CONTRACTOR TO SCHEDULE WORK WITH THE VA COR.
5. MEDICAL GAS CERTIFICATIONS TO BE PERFORMED IN EACH AREA OR SYSTEM IMMEDIATELY AFTER IT IS COMPLETED.
6. ALL OLD TO NEW SWITCH OVER NEEDS TO HAPPEN IN ONE NIGHT SHUTDOWN AND CERTIFIED AT THE SAME TIME.

KEYED PLUMBING NOTES

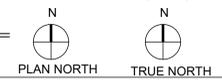
- ① 3"Ø VAC AND 2"Ø MA EXTERIOR CONNECTIONS. COORDINATE FINAL LOCATION AND LOCKABLE BOX MOUNTING HEIGHT WITH OWNER. CORE DRILL, SLEEVE, AND SEAL PENETRATIONS IN EXTERIOR WALL.
- ② MA AND MV PIPE TO BE ROUTED ABOVE EXISTING DUCT AS HIGH AS POSSIBLE.
- ③ INSTALL NEW VACUUM EQUIPMENT, PIPING, VALVES AND SENSORS. CONNECT SENSOR TO EXISTING MASTER ALARM PANEL.
- ④ INSTALL NEW MEDICAL AIR EQUIPMENT, PIPING, VALVES AND SENSORS. EQUIPMENT NEEDS TO FIT UNDER EXISTING DUCT. CONNECT SENSORS TO EXISTING MASTER ALARM PANEL.
- ⑤ CONNECT TO EXISTING INTAKE PIPE.

LINE LEGEND

	EXISTING
	DEMO
	NEW CONSTRUCTION
	ALARM PANEL
	ZONE VALVES
	SENSORS
	CONNECT POINT
	DISCONNECT POINT
	DUST BARRIER
	1-HR FIRE RATED WALL
	2-HR FIRE RATED WALL
	SMOKE BARRIER



1 BASEMENT - REMODEL PLAN
P-1.02 SCALE 1/4" = 1'-0"



Revisions:	Date

CONSULTANTS:

ARCHITECT

FOURFRONT DESIGN INC.
517 7TH STREET
RAPID CITY, SOUTH DAKOTA 57701
PH: (605) 342-9470
FAX: (605) 342-2377
WWW.FOURFRONTDESIGN.COM

Drawing Title
BASEMENT - REMODEL PLAN

Approved: Project Director
 Fargo VA Health Care System

Project Title
UPGRADE MEDICAL GAS SYSTEM

Location 2101 ELM ST N, FARGO, ND 58102

Date 07/07/2021

Checked RD

Drawn BM

Project Number 437-21-160

Building Numbers 1,946

Drawing Number P-1.02

Dwg. 14 of 40

Office of Construction and Facilities Management

Department of Veterans Affairs

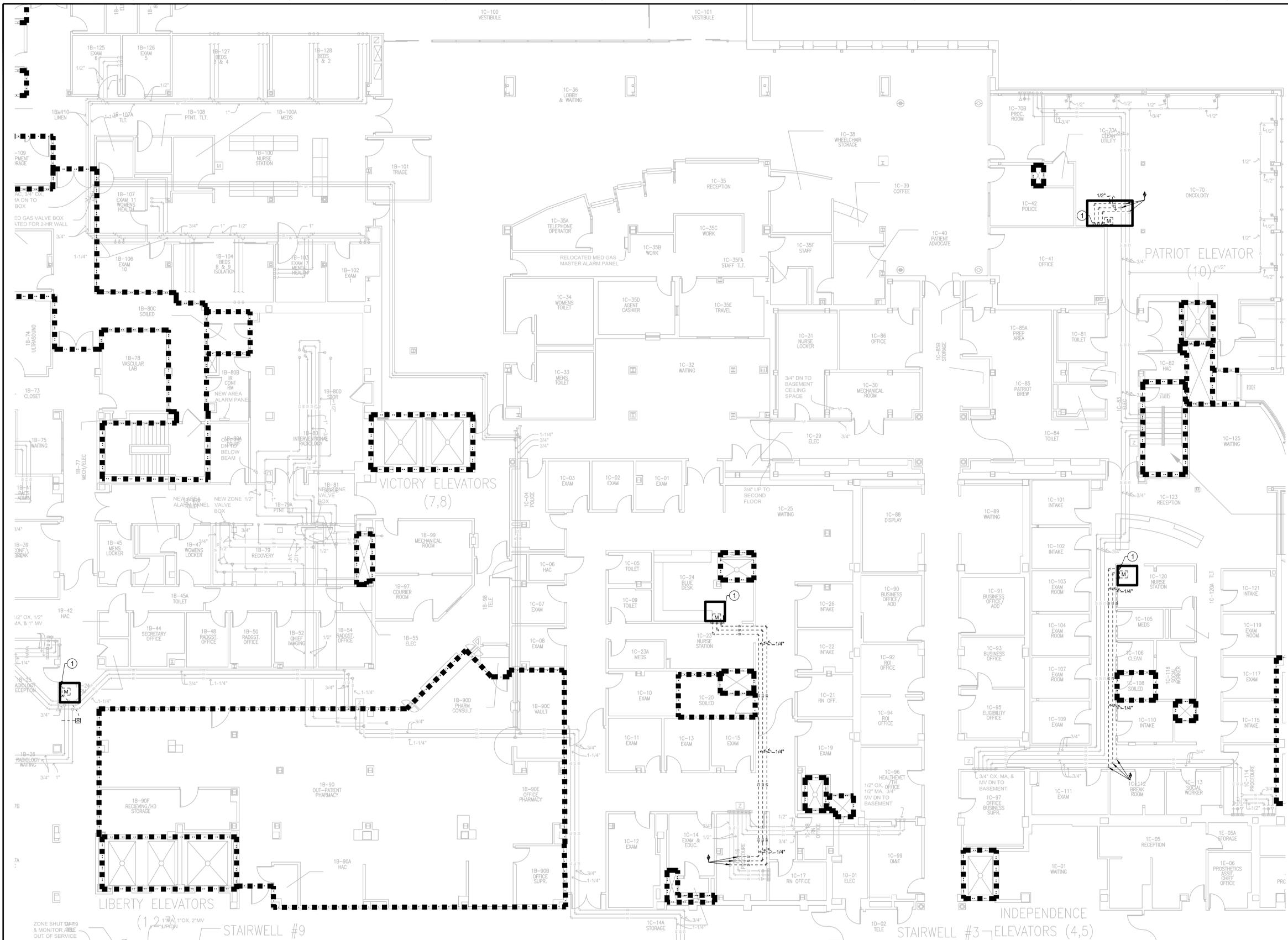
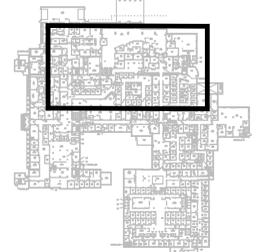
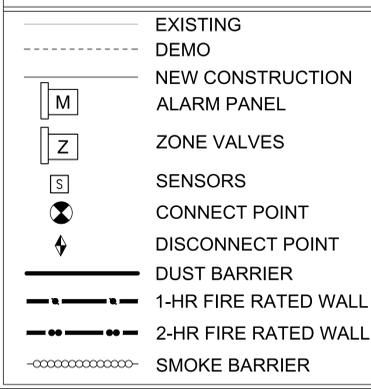
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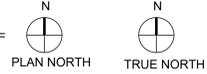
KEYED PLUMBING NOTES

- ① REMOVE EXISTING ALARM PANEL AND GAS PRESSURE PIPING FROM ALARM PANEL TO BRANCH.

LINE LEGEND



1 FIRST FLOOR - DEMOLITION PLAN
P-1.11 SCALE 1/8" = 1'-0"



100% CONSTRUCTION DOCUMENTS

Revisions:	Date

CONSULTANTS:



ARCHITECT

FOURFRONT DESIGN INC.
517 7TH STREET
RAPID CITY, SOUTH DAKOTA 57701
PH: (605) 342-9470
FAX: (605) 342-2377
WWW.FOURFRONTDESIGN.COM

Drawing Title	FIRST FLOOR - DEMOLITION PLAN
Approved: Project Director	Fargo VA Health Care System

Project Title	UPGRADE MEDICAL GAS SYSTEM
Location	2101 ELM ST N, FARGO, ND 58102
Date	07/07/2021
Checked	RD
Drawn	BM

Project Number	437-21-160
Building Numbers	1,9,46
Drawing Number	P-1.11
Dwg. 16 of 40	

Office of Construction and Facilities Management

Department of Veterans Affairs

one and one half inches = one foot
one quarter inch = one foot
one eighth inch = one foot
three eighths inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot

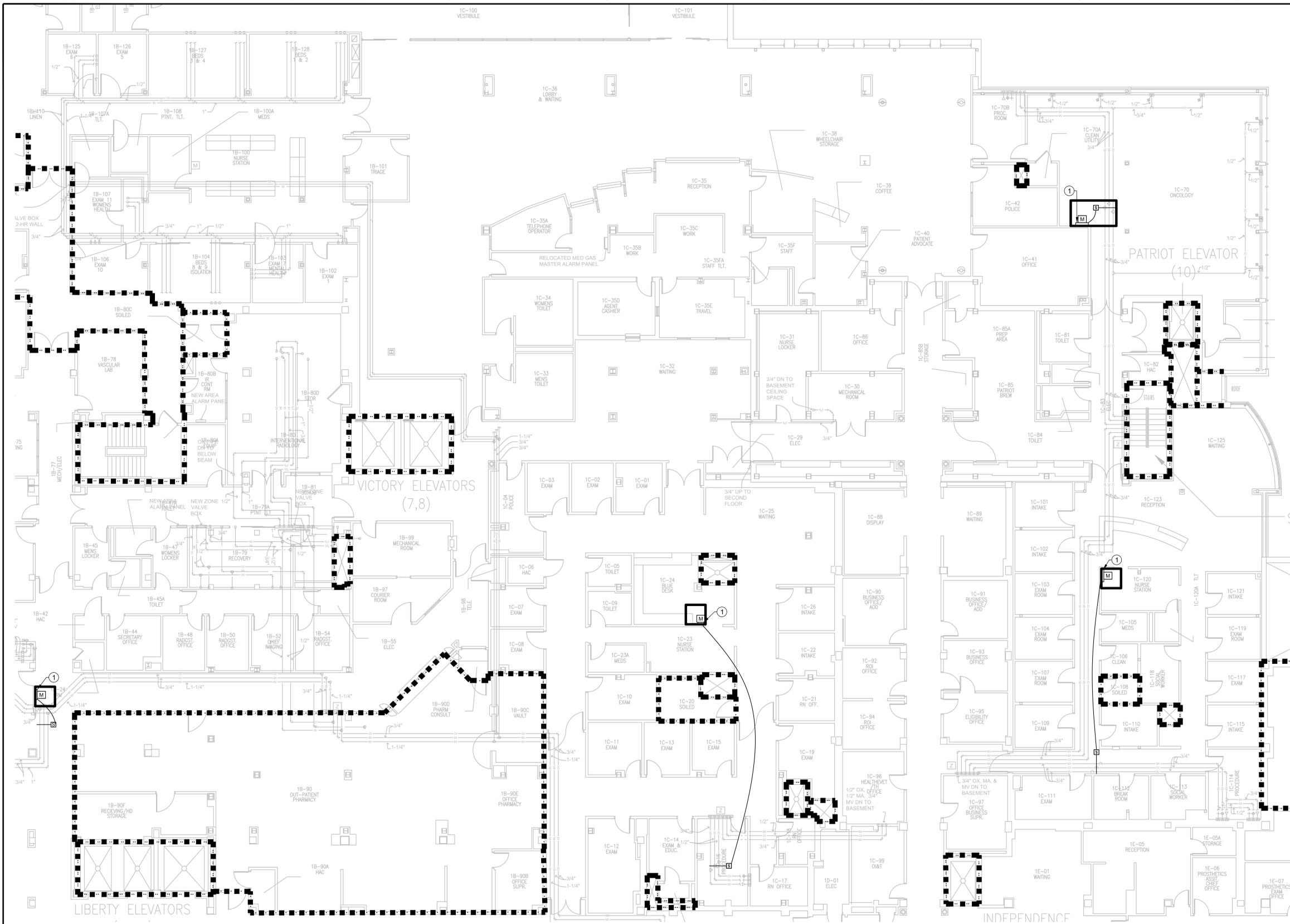
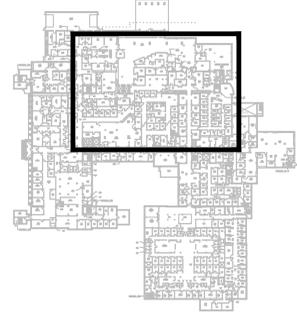
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KEYED PLUMBING NOTES
 ① INSTALL NEW ALARM PANELS IN LOCATIONS SHOWN. INSTALL NEW PRESSURE SENSORS IN ZONE BRANCH PIPING DOWNSTREAM OF ZONE VALVES.

LINE LEGEND

	EXISTING
	DEMO
	NEW CONSTRUCTION
	ALARM PANEL
	ZONE VALVES
	SENSORS
	CONNECT POINT
	DISCONNECT POINT
	DUST BARRIER
	1-HR FIRE RATED WALL
	2-HR FIRE RATED WALL
	SMOKE BARRIER



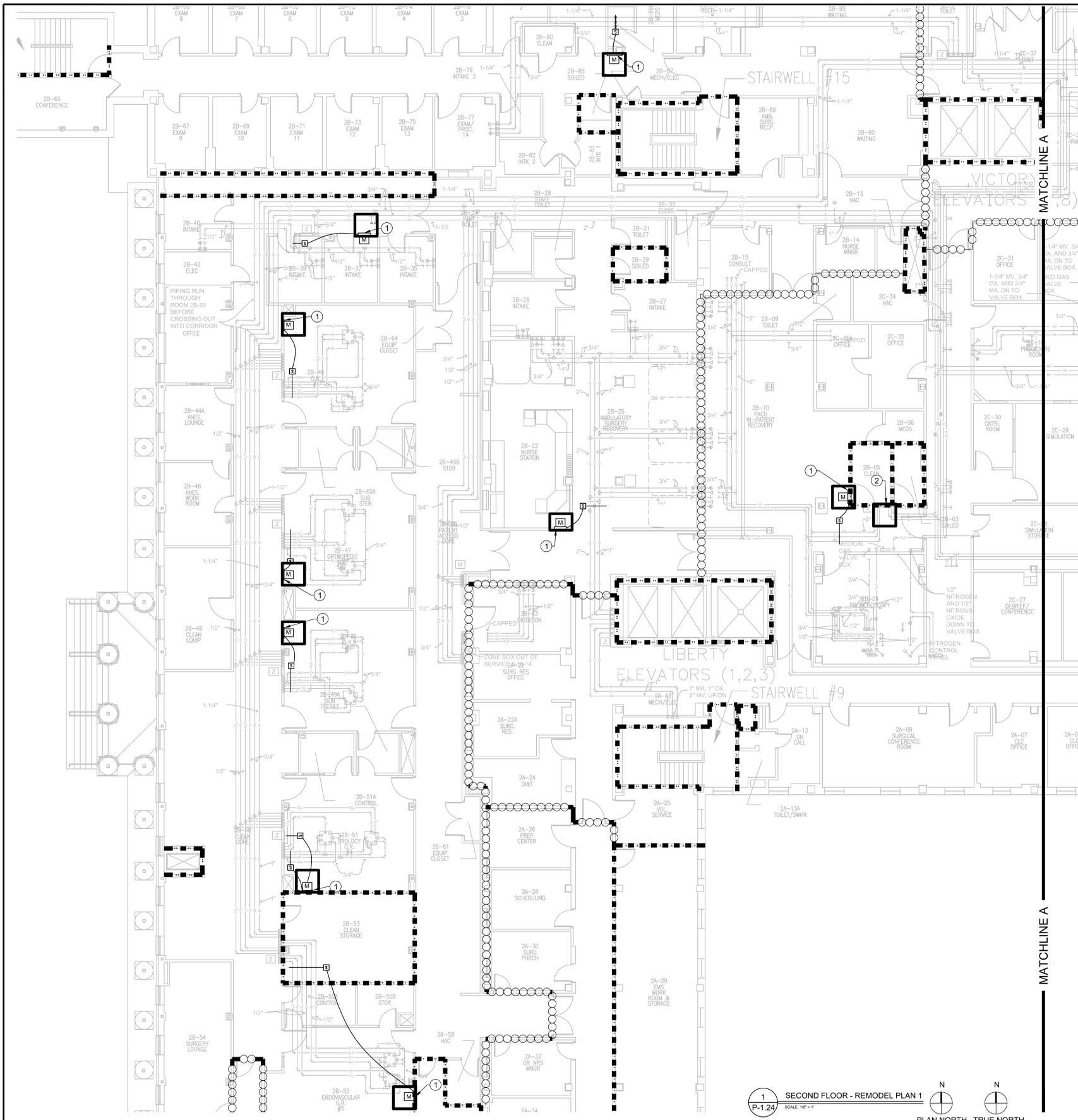
1 FIRST FLOOR - REMODEL PLAN
 P-1.12 SCALE 1/8" = 1'-0"
 PLAN NORTH TRUE NORTH

100% CONSTRUCTION DOCUMENTS

CONSULTANTS: Revisions: _____ Date _____	ARCHITECT FOURFRONT DESIGN, INC. 517 7TH STREET RAPID CITY, SOUTH DAKOTA 57701 PH: (605) 342-9470 FAX: (605) 342-2377 WWW.FOURFRONTDESIGN.COM	Drawing Title FIRST FLOOR - REMODEL PLAN	Project Title UPGRADE MEDICAL GAS SYSTEM	Project Number 437-21-160	Office of Construction and Facilities Management 	
		Approved: Project Director Fargo VA Health Care System	Location 2101 ELM ST N, FARGO, ND 58102	Building Numbers 1,9,46		Drawing Number P-1.12
			Date 07/07/2021	Checked RD	Drawn BM	Dwg. 17 of 40

one and one half inches = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot

one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot



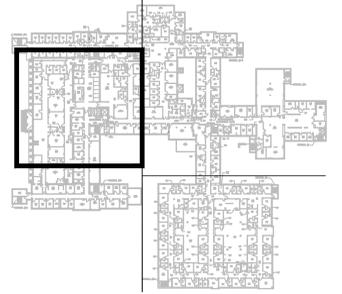
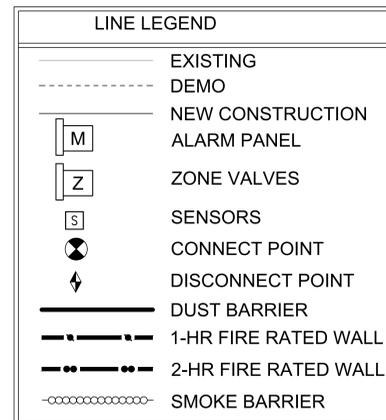
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6. ALL OLD TO NEW SWITCH OVER NEEDS TO HAPPEN IN ONE NIGHT SHUTDOWN AND CERTIFIED AT THE SAME TIME.

KEYED PLUMBING NOTES

① INSTALL NEW ALARM PANELS IN LOCATIONS SHOWN. INSTALL NEW PRESSURE SENSORS IN ZONE BRANCH PIPING AT AN EASILY ACCESSIBLE LOCATION DOWNSTREAM OF ZONE VALVES. WORK ON SURGERY ROOMS TO BE PERFORMED ONE ROOM AT A TIME. COORDINATE WITH VA COR. LOTS OF COORDINATION AND SCHEDULING FOR SURGERY AND RECOVERY ROOMS WORK WILL BE REQUIRED.

② INSTALL NEW PRESSURE GAUGES DOWNSTREAM OF VALVES ON ALL LINES INSIDE THE ZONE VALVE BOX IF THEY FIT. OTHERWISE INSTALL GAUGES IN WALL OUTSIDE THE ZONE VALVE BOX.



1 SECOND FLOOR - REMODEL PLAN 1
 P-1.24 SCALE 1/8" = 1'-0"
 PLAN NORTH TRUE NORTH

100% CONSTRUCTION DOCUMENTS

Revisions:	Date

CONSULTANTS:

ARCHITECT

FOURFRONT DESIGN INC.
 517 7TH STREET
 RAPID CITY, SOUTH DAKOTA 57701
 PH: (605) 342-9470
 FAX: (605) 342-2377
 WWW.FOURFRONTDESIGN.COM

Drawing Title
SECOND FLOOR - REMODEL PLAN 1

Approved: Project Director
Fargo VA Health Care System

Project Title
UPGRADE MEDICAL GAS SYSTEM

Location 2101 ELM ST N, FARGO, ND 58102

Date 07/07/2021

Checked RD

Drawn BM

Project Number 437-21-160

Building Numbers 1,9,46

Drawing Number P-1.24

Dwg. 21 of 40

Office of Construction and Facilities Management

Department of Veterans Affairs

one and one half inches = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one eighth inch = one foot

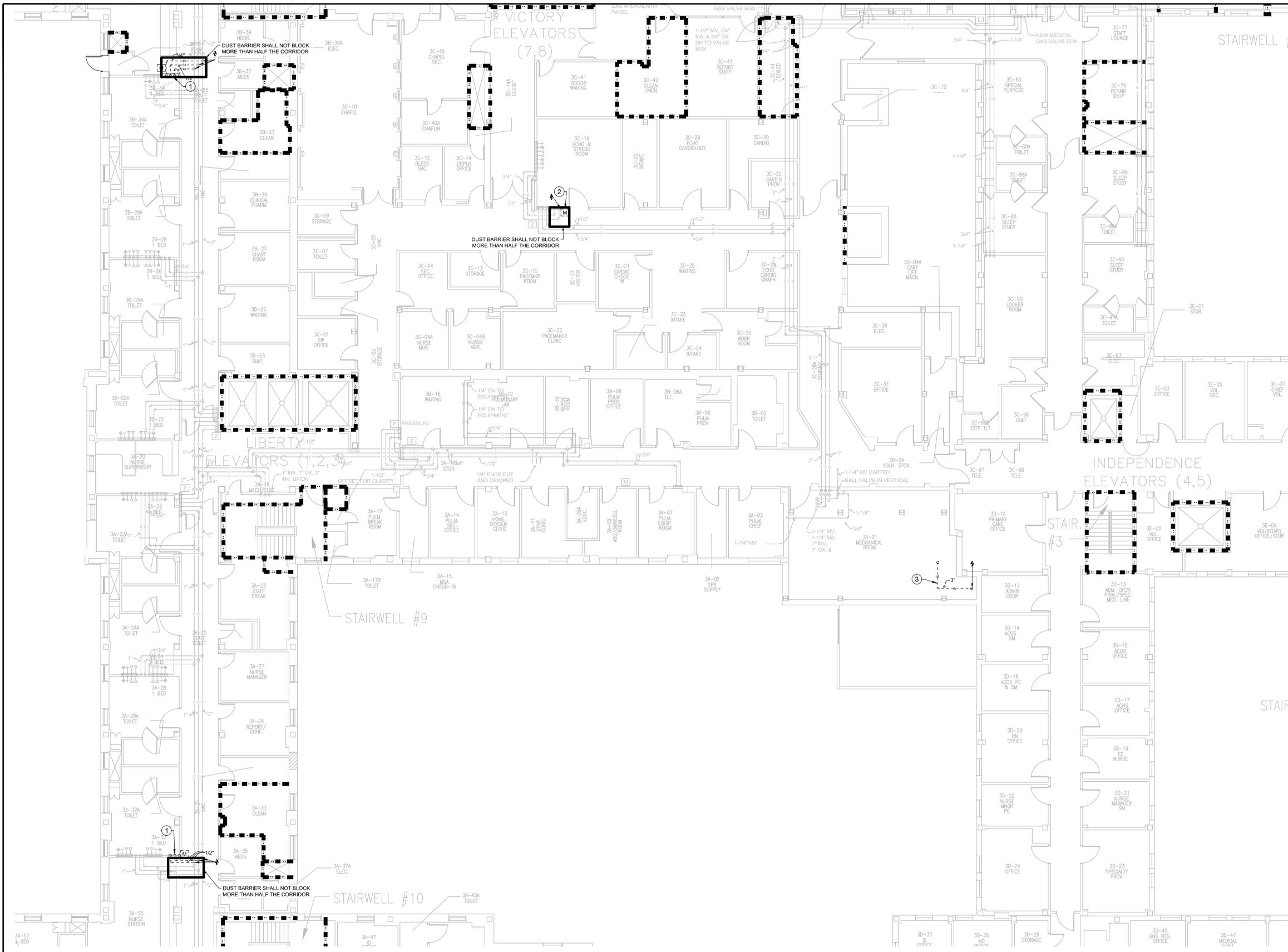
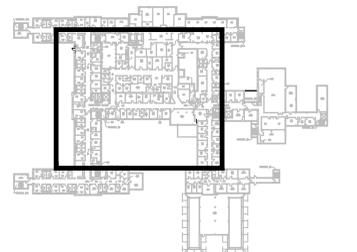
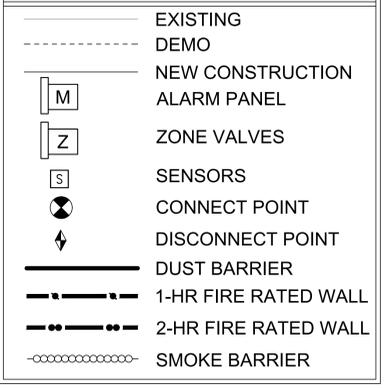
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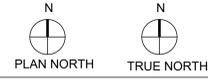
KEYED PLUMBING NOTES

- ① REMOVE EXISTING ALARM PANEL AND GAS PRESSURE PIPING FROM ALARM PANEL TO BRANCH.
- ② REMOVE EXISTING ALARM PANEL AND ASSOCIATED PRESSURE SENSORS.
- ③ REMOVE EXISTING MEDICAL VACUUM EXHAUST PIPING ONLY AFTER NEW EXHAUST PIPING IS INSTALLED AND OPERATIONAL. PATCH HOLE IN CONCRETE DECK AND SEAL PENETRATION WITH SAME ROOFING MATERIAL.

LINE LEGEND



1 THIRD FLOOR - DEMOLITION PLAN
 P-1.31 SCALE 1/8" = 1'



100% CONSTRUCTION DOCUMENTS

Revisions:	Date

CONSULTANTS:

ARCHITECT

FOURFRONT DESIGN, INC.
 517 7TH STREET
 RAPID CITY, SOUTH DAKOTA 57701
 PH: (605) 342-9470
 FAX: (605) 342-2377
 WWW.FOURFRONTDESIGN.COM

Drawing Title
THIRD FLOOR - DEMOLITION PLAN

Approved: Project Director
Fargo VA Health Care System

Project Title
UPGRADE MEDICAL GAS SYSTEM

Project Number
437-21-160

Building Numbers
1,9,46

Drawing Number
P-1.31

Date
 07/07/2021

Checked
 RD

Drawn
 BM

Dwg. 24 of 40

Office of Construction and Facilities Management

Department of Veterans Affairs

