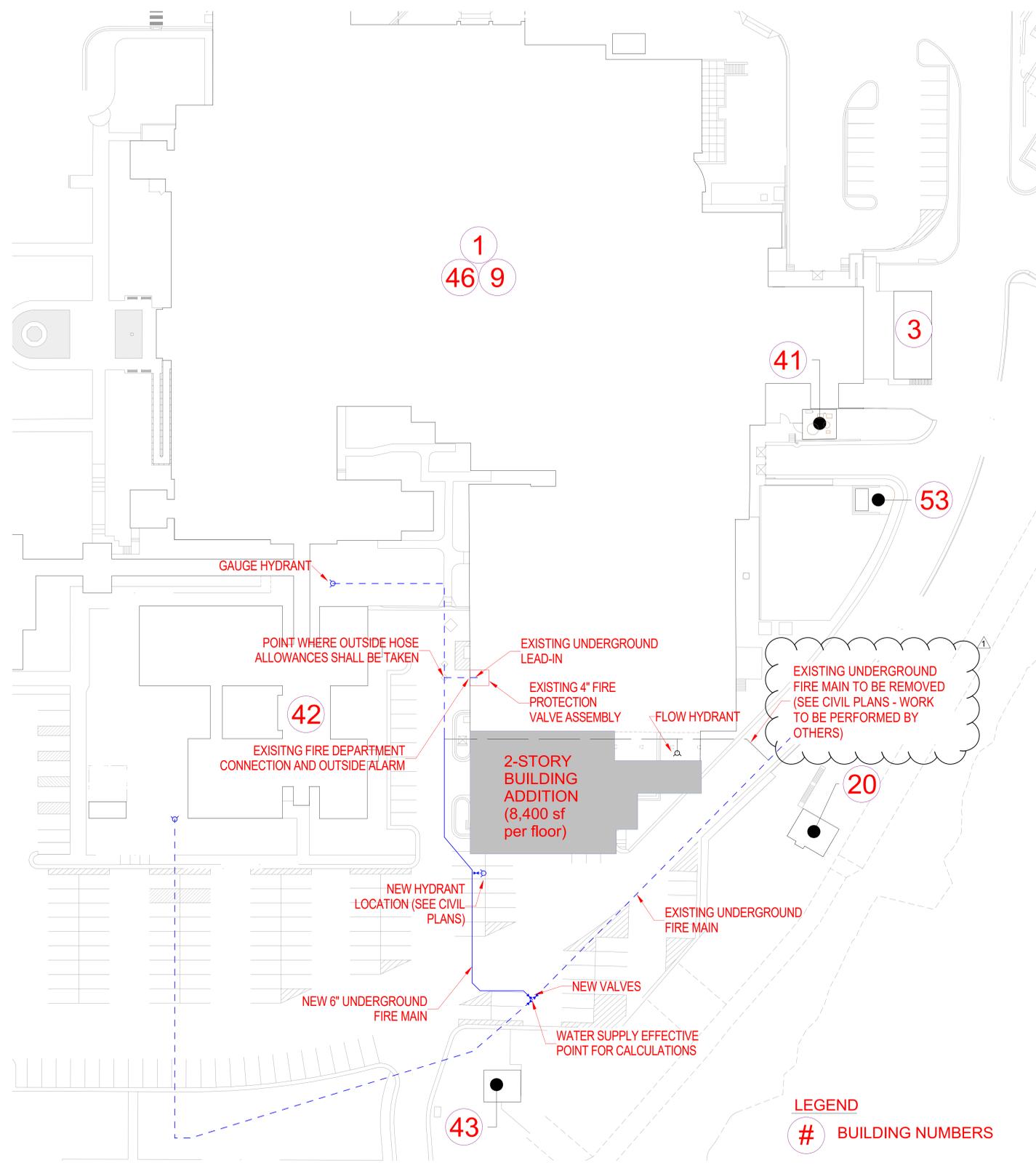


GENERAL NOTES:

- FIRE PROTECTION CONTRACTOR'S SCOPE OF WORK INCLUDES INSTALLATION OF A STANDPIPE SYSTEM TIED INTO THE EXISTING 4" VALVE ASSEMBLY AND WET SPRINKLER PROTECTION AT BASEMENT LEVEL AND FIRST LEVEL OF THE NEW ADDITION. LIMITED REWORK WITHIN THE EXISTING BUILDING IS REQUIRED.
- NEW ADDITION SHALL HAVE ENTIRELY NEW SPRINKLER ZONE SUPPLIED WITHIN NEW STAIRWELL AS SHOWN ON DRAWINGS. THIS IS TO MAINTAIN CORRELATION OF NEW SPRINKLER ZONES TO THE NEW SMOKE ZONE OF THE ADDITION.
- ALL COMPONENTS OF THE SPRINKLER SYSTEM SHALL BE IN ACCORDANCE WITH VA DESIGN GUIDELINES, NFPA 13 (2019), NFPA 14 (2019) AND NFPA 25 (2020) EDITION. REFER TO SPECIFICATION SECTIONS 21 08 00 & 21 13 13 FOR ADDITIONAL FIRE SPRINKLER SYSTEM INFORMATION.
- ALL PATIENT CARE AREAS ASSUME LIGHT HAZARD PROTECTION IN ACCORDANCE WITH NFPA 13 (2019), PARKING, MECHANICAL/ELECTRICAL ROOMS ORDINARY HAZARD GROUP 1 PROTECTION IN ACCORDANCE WITH NFPA 13 (2019), STORAGE AREAS, LAUNDRY, ORDINARY HAZARD GROUP 2 PROTECTION IN ACCORDANCE WITH NFPA 13 (2019).
- EXIT STAIRWELL TO BE PROVIDED WITH PLUGGED/CAPPED 2 1/2" OUTLETS FOR POTENTIAL FUTURE STANDPIPE SYSTEM ZONE CONTROL VALVES WILL BE PROVIDED AT EACH LEVEL.
- CONFIRM 3" ZONE CONTROL MAINS AND 1 1/2" BRANCHLINES FOR SPRINKLER SYSTEM PIPE SIZING VIA HYDRAULIC CALCULATIONS.
- PROVIDE ALL SYSTEM COMPONENTS NECESSARY FOR A COMPLETE INSTALLATION. SYSTEM COMPONENTS SHALL INCLUDE BUT ARE NOT LIMITED TO DISTRIBUTION PIPING, SPRINKLER PIPING, SPRINKLERS, PIPE SUPPORTS, ALARMS, DRAINS, TEST CONNECTIONS, CONTROL VALVES AND CHECK VALVES.
- SEMI RECESSED SPRINKLERS REQUIRED IN AREAS WITH FINISHED CEILINGS. CONCEALED SPRINKLERS ARE NOT ALLOWED IN LIGHT HAZARD OCCUPANCIES PER VA GUIDELINES. UPRIGHTS IN EXPOSED AREAS TO BE BRASS FINISH.
- TAMPER SWITCHES AND FLOW SWITCHES ARE TO BE PROVIDED AND INSTALLED BY THE FIRE PROTECTION CONTRACTOR AND WIRED PER SPECIFICATION - DIVISION 28.
- TESTING OF SPRINKLER PIPING SHALL BE IN ACCORDANCE WITH NFPA 13 - 200 PSI FOR 2 HRS
- SHOP DRAWINGS SHALL BE APPROVED BY THE OWNER'S DESIGNATED REPRESENTATIVE AND THE AHJ PRIOR TO FABRICATION
- HANG ALL PIPING PER NFPA 13 - CHAPTER 9. CONTRACTOR SHALL INDICATE ALL PIPE SUPPORTS.
- STEEL PIPING IS REQUIRED IN ALL AREAS.
- UNLESS NOTED OTHERWISE ALL AREAS INCLUDE WET SPRINKLER SYSTEMS. TEMPERATURES MAINTAINED GREATER THAN OR EQUAL TO 40 DEGREES FAHRENHEIT AT ALL TIMES.
- ALL PENETRATIONS AT FIRE BARRIERS OR OTHER RATED ASSEMBLIES ARE REQUIRED TO BE SEALED IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE OR OTHER APPROVED MEANS.
- COORDINATION IS REQUIRED WITH ALL TRADES. PROVIDE SPRINKLER PROTECTION ABOVE AND BELOW ALL OBSTRUCTIONS.
- COORDINATE SHUT DOWNS AND TIE IN WORK WITH AHJ AND GENERAL CONTRACTOR AND VA FP ENGINEERING.
- FLOW TEST PROVIDED FROM SUMMIT FIRE CONSULTING (SFC)
 - A. STATIC: 48 PSI
 - B. RESIDUAL: 38 PSI
 - C. FLOW: 809 GPM
 - D. DATE: 9/1/2021
 - E. EFFECTIVE POINT: WHERE THE NEW 6" FIRE MAIN TIES INTO THE EXISTING LOOP MAIN SOUTH OF THE BUILDING
 - F. HOSE ALLOWANCES SHALL BE TAKEN AT THE POINT OF CONNECTION TO THE EXISTING LEAD-IN MAIN TO THE EXISTING OUTSIDE MAIN JUST WEST OF THE EXISTING RISER.



EXISTING UNDERGROUND FIRE MAIN TO BE REMOVED (SEE CIVIL PLANS - WORK TO BE PERFORMED BY OTHERS)

LEGEND
BUILDING NUMBERS

1 SITE PLAN
1/32" = 1'-0"

CONSTRUCTION DOCUMENTS

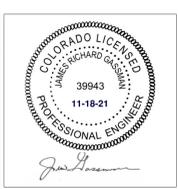
Revision Number Associated with Clouded Area	
ADDENDUM #1	01/04/23
Revisions:	Date

CONSULTANTS:

Calibre
CALIBRE
9090 S RIDGELINE BLVD, SUITE 105
HIGHLANDS RANCH, COLORADO 80129
PHONE: (303) 730-0434

Albertson Engineering Inc.
ALBERTSON ENGINEERING, INC.
315 NORTH MAIN AVENUE, SUITE 200
SIOUX FALLS, SOUTH DAKOTA 57104
PH: (605) 274-0880

SUMMIT FIRE PROTECTION
SUMMIT FIRE CONSULTING
575 MINNEHAHA AVE WEST
ST. PAUL, MINNESOTA 55103
(612) 387-7050



ARCHITECT

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

Drawing Title
FIRE PROTECTION COVER SHEET

Approved: Project Director
FARGO VAHCS

Project Title
EXPAND BLDG. 1 FOR PRIMARY CARE

Location
**2101 ELM STREET
FARGO, ND 58102**

Date
11/16/2021

Checked
NB

Drawn
CJ

Project Number
437-315

Building Number
1

Drawing Number
FP1.00

Dwg. 126 of 128

Office of Construction and Facilities Management

Department of Veterans Affairs

12/20/23 3:56:19 PM