FARGO REPLACE FIRE ALARM SYSTEM

FARGO VA HEALTH CARE SYSTEM
2101 ELM STREET
FARGO, NORTH DAKOTA 58102

PROJECT NUMBER: 437-23-105

VA | U.S DEPARTMENT OF VETERAN'S AFFAIRS
VETERAN'S HEALTH ADMINISTRATION

VOLUME 1 OF 2

Revisions	Date

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
WWW.VERITAS.COM

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 19.2481.M18

STAMP

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: COVER SHEET
Phase: CONSTRUCTION DOCUMENTS
Project Title: FARGO REPLACE FIRE ALARM SYSTEM
Project Number: 437-23-105
Building Number:
COR / Project Engineer: TODD DALZELL
Location: 2101 ELM STREET, FARGO, NORTH DAKOTA 58102
Drawing Number: G-000
Date: 6/12/2025
Checked: KP, RD
Drawn: TB, KZ
Dwg. 1 of 91

6/12/2025 2:37:59 PM

VA FORM 08-6231

ABBREVIATIONS

#	POUND OR NUMBER
&	AND
@	AT
AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
ACT	ACOUSTIC CEILING TILE
AD	AREA DRAIN
AFF	ABOVE FINISH FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AISI	AMERICAN IRON AND STEEL INSTITUTE
ALUM	ALUMINUM
ANOD	ANODIZED
ASD	ALTERNATE STRESS DESIGN
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
BD	BOARD
BLK	BLOCK
BM	BEAM
B.O.	BOTTOM OF
BOT	BOTTOM
BRG	BEARING
BRKT	BRACKET
BSMT	BASEMENT
BLDG	BUILDING
BYND	BEYOND
CAB	CABINET
CER	CERAMIC
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMPR	COMPRESSIBLE
CONC	CONCRETE
CONST JT	CONSTRUCTION JOINT
CONT	CONTINUOUS
CPT	CARPET
CRSI	CONCRETE REINFORCING STEEL INSTITUTE
CT	CERAMIC TILE
DBL	DOUBLE
DEMO	DEMOLISH OR DEMOLITION
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DIR	DIRECTION
DN	DOWN
DR	DOOR
DWG	DRAWING
EA	EACH
EE	EACH END
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR OR ELEVATION
EPDM	ETHYLENE PROPYLENE DIENE M-CLASS (ROOFING)
EQ	EQUAL
ES	EACH SIDE
EXIST	EXISTING
EXP Bolt	EXPANSION BOLT
EXP JT	EXPANSION JOINT
EXT	EXTERIOR
FD	FLOOR DRAIN OR FIRE DEPARTMENT
FEC	FIRE EXTINGUISHER CABINET
FIN	FINISH
FIXT	FIXTURE
FLR	FLOOR
FM	FILLED METAL
FND	FOUNDATION
F.O.	FACE OF
FT	FOOT OR FEET
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GB	GRADE BEAM
GP	GUSSET PLATE
GR	GRADE
GYP	GYPSUM
HC	HOLLOW CORE
HDR	HEADER
HEF	HORIZONTAL EACH FACE
HI	HIGH
HIF	HORIZONTAL INSIDE FACE
HM	HOLLOW METAL
HOF	HORIZONTAL OUTSIDE FACE
HOR	HORIZONTAL
HP	HIGH POINT
HR	HOUR
HS	HIGH STRENGTH
HT	HEIGHT
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING
ICBO	INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS
ID	INSIDE DIAMETER
ILO	IN LIEU OF
IN	INCH
INCL	INCLUDE
INSUL	INSULATED OR INSULATION
INT	INTERIOR
INV	INVERT
IRGWB	IMPACT RESISTANT GYPSUM WALL BOARD
JST	JOIST
JT	JOINT
K	KIP (1000 POUNDS)
LLV	LONG LEG VERTICAL
LP	LOW POINT
LVL	LEVEL
LW	LIGHT WEIGHT
LWC	LIGHT WEIGHT CONCRETE
MAS	MASONRY
MAX	MAXIMUM
MCB	METAL CORNER BEAD
MECH	MECHANICAL
MEMBR	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURED
MIN	MINIMUM
MO	MASONRY OPENING
MRGWB	MOISTURE-RESISTANT GYPSUM WALL BOARD
MTL	METAL
NF	NEAR FACE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
NWC	NORMAL WEIGHT CONCRETE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND
OPNG	OPENING
OZ	OUNCE
PC	PILE CAP
PCC	PRE-CAST CONCRETE
PL	PLATE
P.LAM	PLASTIC LAMINATE
PLUMB	PLUMBING
PLY	PLYWOOD
PORC	PORCELAIN
PNL	PANEL
PNT	PAINT OR PAINTED
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
PT	POINT
PR	PAIR
PROP	PROPERTY
PVC	POLYVINYL CHLORIDE
R	RADIUS
RBR	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RE	RIGHT END
REINF	REINFORCED
REF	REFERENCE
REQD	REQUIRED
RET	RETURN
RETG	RETAINING
RM	ROOM
R.O.	ROUGH OPENING
ROW	RIGHT OF WAY
SC	SOLID CORE
SDI	STEEL DECK INSTITUTE
SECT	SECTION
SF	STEP FOOTING OR SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SL	SPLICE LENGTH
SLV	SHORT LEG VERTICAL
SOG	SLAB ON GRADE
SPEC	SPECIFIED OR SPECIFICATION
SPK	SPRINKLER OR SPEAKER
SQ	SQUARE
SSTL	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STR	STAIR
STRUCT	STRUCTURE OR STRUCTURAL
SUP	SUPPORT
SYM	SYMMETRICAL
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TBD	TO BE DETERMINED
T/D	TELEPHONE/DATA
TEL	TELEPHONE
TEMP	TEMPERATURE
THK	THICK OR THICKNESS
THRD	THREADED
TLT	TOILET
T.O.	TOP OF
T.O.C	TOP OF CONCRETE
T.O.F	TOP OF FRAMING
T.O.S	TOP OF STEEL/STUD
T.O.W	TOP OF WALL
TPD	TOILET PAPER DISPENSER
TYP	TYPICAL
U/S	UNDERSIDE
UNO	UNLESS NOTED OTHERWISE
US	UNDERSIDE
VB	VAPOR BARRIER
VCT	VINYL COMPOSITE TILE
VEF	VERTICAL EACH FACE
VERT	VERTICAL
VIF	VERIFY IN FIELD
VOF	VERTICAL OUTSIDE FACE
VTR	VENT THROUGH ROOF
VWC	VINYL WALL COVERING
W/	WITH
WD	WOOD
WDW	WINDOW
WP	WORKING POINT
WRB	WEATHER RESISTANT BARRIER
WWF	WELDED WIRE FABRIC

MATERIAL LEGEND

PLAN AND SECTION

- EARTH/ENGINEERED FILL
- GRAVEL
- BRICK
- CONCRETE MASONRY
- WOOD (ROUGH)
- WOOD (ROUGH) BLOCKING OR SHIM
- STEEL/METAL
- RIGID INSULATION
- BATT INSULATION
- WOOD SUBSTRATE

LINE SYMBOLS

- CENTER LINE
- CUT LINE
- GRID LINE
- PROPERTY LINE
- BID ALTERNATE

ELEVATION

- CONCRETE
- CORRUGATED METAL PANEL
- FIBER CEMENT PANEL SIDING
- STANDING SEAM METAL ROOF/ SIDING PANEL

CEILING

- ACOUSTIC CEILING TILE
- GYPSUM BOARD

FLOORING

- CPT - CARPET
- CONC - CONCRETE
- EF - EPOXY FLOORING (TROWELED)
- WM - WALK OFF MAT
- PT - PORCELAIN TILE

ARCHITECTURAL SYMBOLS

V.A. PLAN REFERENCE SYMBOLS

- FIRE RESISTIVE RATED LINE, 1 HOUR
- FIRE RESISTIVE RATED LINE, 2 HOUR
- FIRE RESISTIVE RATED LINE, 3 HOUR
- FIRE RESISTIVE RATED LINE, 4 HOUR
- FIRE-RATED, SMOKE BARRIER LINE, 1 HOUR
- FIRE-RATED, SMOKE BARRIER LINE, 2 HOUR
- FIRE-RATED, SMOKE BARRIER LINE, 3 HOUR
- FIRE-RATED, SMOKE BARRIER LINE, 4 HOUR
- V V ITEM - VA SUPPLIED AND INSTALLED
- VC ITEM - VA SUPPLIED AND CONTRACTOR INSTALLED
- CC ITEM - CONTRACTOR SUPPLIED AND INSTALLED
- COLUMN GRID
- DIMENSION LINE
- NORTH ARROW
- CENTER LINE

SHEET INDEX - VOLUME 1

GENERAL	
G-000	COVER SHEET
G-001	ABREVIATIONS, LEGENDS, SYMBOLS AND SHEET INDEX
G-100	CAMPUS MAP
G-200	ICRA REQUIREMENTS
G-300	OVERALL SITE PHASING PLAN
G-301	MAIN HOSPITAL BUILDING PHASING PLANS
G-302	AREAS OF CEILING CONGESTION KEY PLANS
G-303	MAIN HOSPITAL ROOM LIST - BASEMENT AND 1ST FLOORS
G-304	MAIN HOSPITAL ROOM LIST - 2ND AND 3RD FLOORS
G-305	MAIN HOSPITAL ROOM LIST - 4TH FLOOR AND PENTHOUSE
ARCHITECTURAL	
A-100	ARCHITECTURAL NOTES AND TYPICAL DETAILS
ELECTRICAL	
E-000	ELECTRICAL LEGENDS AND ABBREVIATIONS
E-001	OVERALL SITE MAP
E-002	ELECTRICAL DETAILS
E-100	EXISTING ELECTRICAL PANEL LOCATIONS
E-101	EXISTING ELECTRICAL PANEL LOCATIONS
E-102	BUILDING 1/9/46 - ENLARGED ELECTRICAL FLOOR PLANS
E-103	BUILDING 1/9/46 - ENLARGED ELECTRICAL FLOOR PLANS
E-300	EXISTING SITE DATA AND COMMUNICATIONS PLAN
FIRE ALARM	
FA-000	FIRE ALARM REQUIREMENTS, LEGENDS AND SCHEDULES
FA-001	EXISTING FIRE ALARM RISER DIAGRAMS
FA-002	EXISTING FIRE ALARM RISER DIAGRAMS
FA-003	NEW FIRE ALARM RISER DIAGRAMS
FA-004	NEW FIRE ALARM RISER DIAGRAMS
FA-005	EXISTING FIRE SPRINKLER RISER SCHEMATIC - PART 1
FA-006	EXISTING FIRE SPRINKLER RISER SCHEMATIC - PART 2
FA-007	ENLARGED FIRE ALARM FLOOR PLANS
FA-100	BASEMENT NEW FIRE ALARM PLAN - SECTION 0A
FA-101	BASEMENT NEW FIRE ALARM PLAN - SECTION 0B
FA-102	BASEMENT NEW FIRE ALARM PLAN - SECTION 0C
FA-103	BASEMENT NEW FIRE ALARM PLAN - SECTION 0D
FA-104	BASEMENT NEW FIRE ALARM PLAN - SECTION 0E
FA-105	FIRST FLOOR NEW FIRE ALARM PLAN - SECTION 1A
FA-106	FIRST FLOOR NEW FIRE ALARM PLAN - SECTION 1B
FA-107	FIRST FLOOR NEW FIRE ALARM PLAN - SECTION 1C
FA-108	FIRST FLOOR NEW FIRE ALARM PLAN - SECTION 1D
FA-109	FIRST FLOOR NEW FIRE ALARM PLAN - SECTION 1E
FA-110	SECOND FLOOR NEW FIRE ALARM PLAN - SECTION 2A
FA-111	SECOND FLOOR NEW FIRE ALARM PLAN - SECTION 2B
FA-112	SECOND FLOOR NEW FIRE ALARM PLAN - SECTION 2C
FA-113	SECOND FLOOR NEW FIRE ALARM PLAN - SECTION 2D
FA-114	SECOND FLOOR NEW FIRE ALARM PLAN - SECTION 2E
FA-115	THIRD FLOOR NEW FIRE ALARM PLAN - SECTION 3A
FA-116	THIRD FLOOR NEW FIRE ALARM PLAN - SECTION 3B
FA-117	THIRD FLOOR NEW FIRE ALARM PLAN - SECTION 3C
FA-118	THIRD FLOOR NEW FIRE ALARM PLAN - SECTION 3D
FA-119	THIRD FLOOR NEW FIRE ALARM PLAN - SECTION 3E
FA-120	FOURTH FLOOR NEW FIRE ALARM PLAN - SECTION 4A
FA-121	FOURTH FLOOR NEW FIRE ALARM PLAN - SECTION 4B/D
FA-122	FOURTH FLOOR NEW FIRE ALARM PLAN - SECTION 4C
FA-123	PENTHOUSE NEW FIRE ALARM PLAN - SECTION PA
FA-124	PENTHOUSE NEW FIRE ALARM PLAN - SECTION PC
FA-125	BUILDINGS 10, 11, & 12 NEW FIRE ALARM PLANS
FA-126	BUILDINGS 13, 51, 56 & 57 NEW FIRE ALARM PLANS
FA-127	BUILDING 40 FIRST FLOOR NEW FIRE ALARM PLANS
FA-128	BUILDING 40 SECOND FLOOR NEW FIRE ALARM PLANS
FA-129	BUILDINGS 3 & 52 NEW FIRE ALARM PLANS
FA-130	BUILDING 52 ADDITION NEW FIRE ALARM PLANS
FA-131	PRIMARY CARE ADDITION BSMT NEW FIRE ALARM PLAN
FA-132	PRIMARY CARE ADDITION 1ST FLOOR NEW FIRE ALARM PLAN

SHEET INDEX - VOLUME 2

FAD-100	BASEMENT FIRE ALARM DEMO PLAN - SECTION 0A
FAD-101	BASEMENT FIRE ALARM DEMO PLAN - SECTION 0B
FAD-102	BASEMENT FIRE ALARM DEMO PLAN - SECTION 0C
FAD-103	BASEMENT FIRE ALARM DEMO PLAN - SECTION 0D
FAD-104	BASEMENT FIRE ALARM DEMO PLAN - SECTION 0E
FAD-105	FIRST FLOOR FIRE ALARM DEMO PLAN - SECTION 1A
FAD-106	FIRST FLOOR FIRE ALARM DEMO PLAN - SECTION 1B
FAD-107	FIRST FLOOR FIRE ALARM DEMO PLAN - SECTION 1C
FAD-108	FIRST FLOOR FIRE ALARM DEMO PLAN - SECTION 1D
FAD-109	FIRST FLOOR FIRE ALARM DEMO PLAN - SECTION 1E
FAD-110	SECOND FLOOR FIRE ALARM DEMO PLAN - SECTION 2A
FAD-111	SECOND FLOOR FIRE ALARM DEMO PLAN - SECTION 2B
FAD-112	SECOND FLOOR FIRE ALARM DEMO PLAN - SECTION 2C
FAD-113	SECOND FLOOR FIRE ALARM DEMO PLAN - SECTION 2D
FAD-114	SECOND FLOOR FIRE ALARM DEMO PLAN - SECTION 2E
FAD-115	THIRD FLOOR FIRE ALARM DEMO PLAN - SECTION 3A
FAD-116	THIRD FLOOR FIRE ALARM DEMO PLAN - SECTION 3B
FAD-117	THIRD FLOOR FIRE ALARM DEMO PLAN - SECTION 3C
FAD-118	THIRD FLOOR FIRE ALARM DEMO PLAN - SECTION 3D
FAD-119	THIRD FLOOR FIRE ALARM DEMO PLAN - SECTION 3E
FAD-120	FOURTH FLOOR FIRE ALARM DEMO PLAN - SECTION 4A
FAD-121	FOURTH FLOOR FIRE ALARM DEMO PLAN - SECTION 4B/D
FAD-122	FOURTH FLOOR FIRE ALARM DEMO PLAN - SECTION 4C
FAD-123	PENTHOUSE FIRE ALARM DEMO PLAN - SECTION PA
FAD-124	PENTHOUSE FIRE ALARM DEMO PLAN - SECTION PC
FAD-125	BUILDINGS 10, 11, & 12 FIRE ALARM DEMO PLANS
FAD-126	BUILDINGS 13, 51, 56, & 57 FIRE ALARM DEMO PLANS
FAD-127	BUILDING 40 FIRST FLOOR FIRE ALARM DEMO PLAN
FAD-128	BUILDING 40 SECOND FLOOR FIRE ALARM DEMO PLAN
FAD-129	BUILDINGS 3 & 52 FIRE ALARM DEMO PLANS
FAD-130	BUILDING 52 ADDITION FIRE ALARM DEMO PLANS

VOLUME 1 OF 2

Revisions	Date

CONSULTANT

VERITAS FIRE ENGINEERING, INC
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
WWW.VERITAS.COM

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 19.2481.M18

STAMP

REGISTERED ARCHITECT KEVIN PAUL DAVIES No. 8900PE REGISTERED PROFESSIONAL ENGINEER

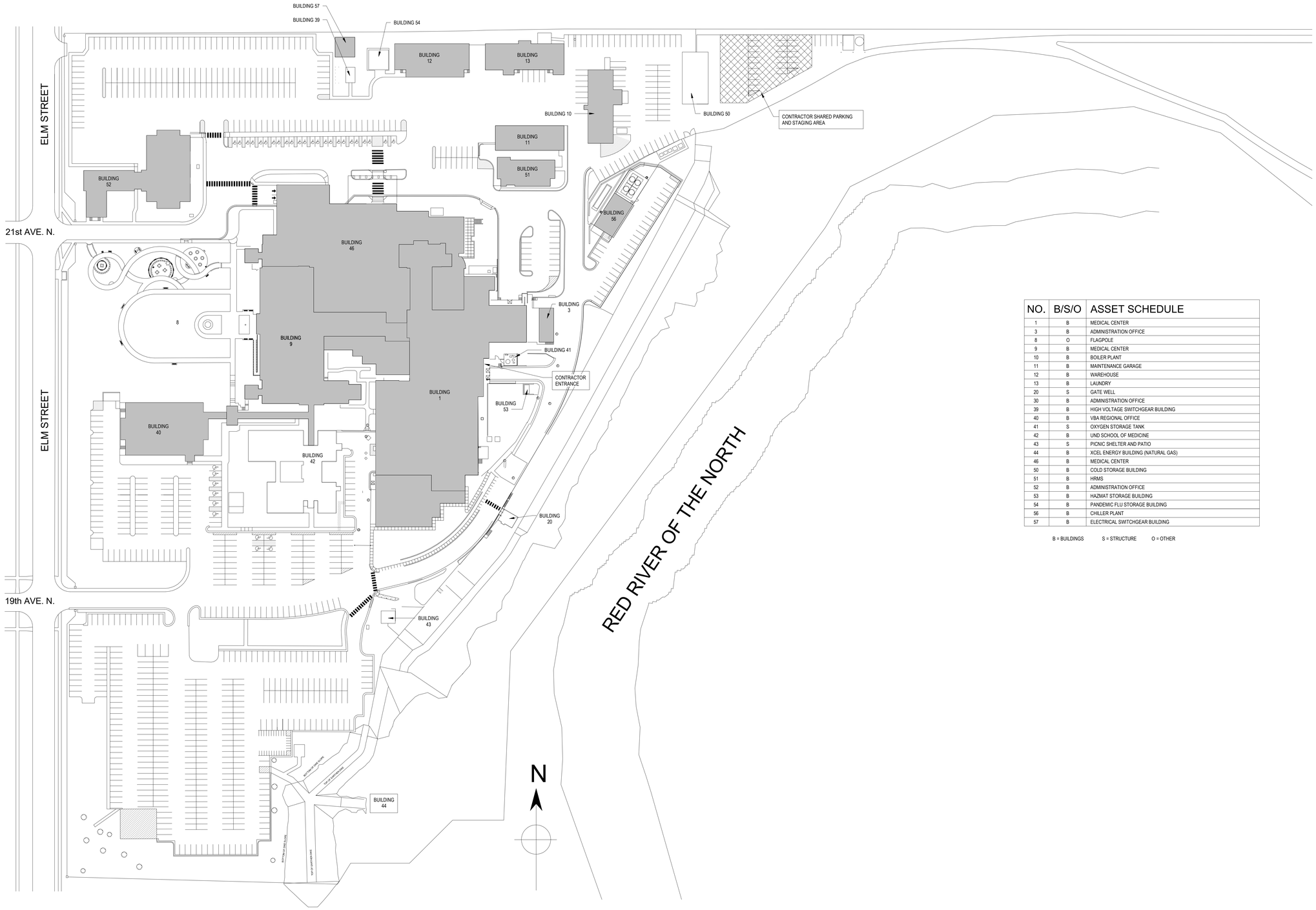
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	ABREVIATIONS, LEGENDS, SYMBOLS AND SHEET INDEX
Phase	CONSTRUCTION DOCUMENTS
Project Title	FARGO REPLACE FIRE ALARM SYSTEM
Project Number	437-23-105
Building Number	
COR / Project Engineer	TODD DALZELL
Location	2101 ELM STREET FARGO, NORTH DAKOTA 58102
Drawing Number	G-001
Date	6/12/2025
Checked	KP, RD
Drawn	TB, KZ
Dwg.	2 of 91

6/12/2025 2:27:34 PM

VA FORM 08-6231



1 CAMPUS MAP
1/64" = 1'-0"

GENERAL NOTES:

1. SHEET SIZE FOR PROPER SCALE IS 30X42. CONTRACTOR SHALL NOT SCALE DRAWINGS BUT SHALL REQUEST THE DESIRED DIMENSIONS FROM THE ARCHITECT.

CAMPUS MAP LEGEND

PROJECT LOCATIONS

CONTRACTOR SHARED PARKING AND STAGING AREA

NO.	B/S/O	ASSET SCHEDULE
1	B	MEDICAL CENTER
3	B	ADMINISTRATION OFFICE
8	O	FLAGPOLE
9	B	MEDICAL CENTER
10	B	BOILER PLANT
11	B	MAINTENANCE GARAGE
12	B	WAREHOUSE
13	B	LAUNDRY
20	S	GATE WELL
30	B	ADMINISTRATION OFFICE
39	B	HIGH VOLTAGE SWITCHGEAR BUILDING
40	B	VBA REGIONAL OFFICE
41	S	OXYGEN STORAGE TANK
42	B	UND SCHOOL OF MEDICINE
43	S	PICNIC SHELTER AND PATIO
44	B	XCEL ENERGY BUILDING (NATURAL GAS)
46	B	MEDICAL CENTER
50	B	COLD STORAGE BUILDING
51	B	HRMS
52	B	ADMINISTRATION OFFICE
53	B	HAZMAT STORAGE BUILDING
54	B	PANDEMIC FLU STORAGE BUILDING
56	B	CHILLER PLANT
57	B	ELECTRICAL SWITCHGEAR BUILDING

B = BUILDINGS S = STRUCTURE O = OTHER

VOLUME 1 OF 2

Revisions	Date

CONSULTANT

VERITAS FIRE ENGINEERING, INC
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
WWW.VERITAS.COM

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 19.2481.M18

STAMP

MONTANA RAYMOND E. DAMERON 34564 REGISTERED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: CAMPUS MAP	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
COR / Project Engineer: TODD DALZELL		Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102	Building Number
		Date: 6/12/2025 Checked: KP, RD Drawn: TB, KZ	Drawing Number: G-100
			Dwg. 3 of 91

6/12/2025 2:28:04 PM

VA FORM 08-6231

Fargo VA Infection Control Risk Assessment for Construction, Renovation and Maintenance

Introductory Information and Instructions

Use this template as a baseline for performing facility Infection Control Risk Assessments (ICRAs) for construction, renovation, and maintenance work (referred to as the "activity" in this document). The template provides minimum requirements for categorizing activity types and patient risk to determine the level of precautions needed to prevent infection risks. Facilities may customize this template to incorporate site-specific information and/or to add more stringent criteria.

This VHA ICRA template pertains specifically to infection prevention. It must be used if required by the Pre-Construction Risk Assessment (PCRA) for the activity. NOTE: The PCRA addresses other activity-related safety concerns (e.g., vibration, noise) outside the scope of the ICRA.

To complete the template:

1. Use **Table 1** to identify the category of the construction, renovation and/or maintenance activity.
2. Use **Table 2** to identify the areas affected by the activity.
3. Use **Table 3** to identify the overall patient risk category that will be affected by the activity.
4. Use **Table 4** to determine the level of infection prevention and control precautions needed for the activity.

Once all 4 steps above are completed: Refer to **Table 5** for the minimum required control measures for the level of infection prevention and control precautions needed for the activity. Refer to **Table 6** for the minimum infection prevention and control measures required on completion of the activity.

PERMIT: See the last page of this document for a fillable permit form to be used for posting at the activity site as needed.

Table 1 - Construction, Renovation, and/or Maintenance Activity Category

NOTE: *If any of the bulleted criteria in a higher activity category pertains to the work that will be done (even if the other criteria are in a lower category), use the higher activity category for the VHA ICRA.*

Activity Category determined from Table 1 (*A, B, C, or D*): ☐

Category A	**Inspection and/or facility upkeep generally defined as follows**: • Work can be completed in a single shift, not to exceed 10 hours. • Patients and/or employees may be in the area depending on the activity. • Work that does not create dust or debris. • Removal of ceiling tile or access to mechanical or electrical chase for visual inspection limited to 1 tile per 50 square feet with limited exposure time (not to exceed an hour fo each tile) within the shift. • Minor interior updates (e.g., replacing floor or ceiling tiles, carpentry work to include hanging signage, and painting without sanding) that do not create dust or debris. • Limited building system maintenance such as basic plumbing on potable systems (e.g faucet replacement) or basic electrical work such as replacement of bulbs, receptacles or switches.
Category B	**General maintenance and repair work generally defined as follows:** • Prolonged inspection and work that may take longer than a single shift but not exceeding a week. • Patients and employees are not to be in the area until activity is completed. • Work that creates minimal dust and debris.

Fargo VA Infection Control Risk Assessment for Construction, Renovation and Maintenance

	• Interior finish or surface repairs, updates, or modifications such as repair of firewalls and barriers, and new flooring that produces minimal dust and debris. Controlled sanding activities (e.g., wet or dry sanding) that produce minimal dust and debris. • Plumbing work such as installation or replacement of a single fixture or piping for a single fixture. Any work on sanitary plumbing including snaking of drains. • Electrical work such as installation of cabling/wiring/conduit for a single device, installation of new device such as a light fixture that produces minimal dust and debris. • Air Handler and/or fan shutdown/startup and HVAC work such as replacement of a single diffuser, single terminal unit or a single device that produces minimal dust and debris.
Category C	**Small-scale construction, renovation, or maintenance generally defined as follows**: • Work requiring longer than a single week to complete but not exceeding 6 months. • Patients and employees are not to be in the area until activity is completed. • Demolition/removal of preexisting floor covering, casework, lay-in ceiling, or other architectural elements. • Demolition/removal of more than 32 ft² of drywall/framing, hard ceilings, and doors/framing and minimal infrastructure such as electrical circuits and branch piping. • Installation of new walls, ceilings and doors including framing, drywall/plaster and associated work. • Plumbing work such as the installation of new sinks, showers and toilets and associated plumbing. • Shut down of sections of potable water systems. • Electrical work such as installation of conduit and wire for lighting, receptacles and switches for an area, the installation of conduit and wire for new devices such as terminal units, fans etc. • Modification of existing fire alarm and suppression systems. • Mechanical work such as the installation of ductwork, diffusers, and terminal units for an area.

Category D	**Large-scale construction, renovation, or maintenance generally defined as follows**:
	• Work exceeding 6 months in duration.
	• Patients and employees are not to be in the area until activity is completed.
	• Large-scale demolition of building components and infrastructure including removal of multiple doors, walls, framing, ceilings, flooring, piping, electrical and HVAC.
	• The installation of building components such as new walls, ceilings and doors including framing, drywall and associated plaster work.
	• Plumbing work such as the installation of:
	  ○ new medical gas systems,
	  ○ steam/heating hot water, condensate systems,
	  ○ multiple sinks, showers and toilets including associated plumbing.
	• Shutdown of potable water, steam/heating hot water, condensate, and medical gas systems.
	• Electrical work such as installation of electrical feeders, distribution panels, conduit and wire for lighting, receptacles and switches for an area, the installation of conduit and wire for new devices such as terminal units, fans etc.
	• Installation of fire alarm and suppression systems.
	• Electrical shutdown of multiple panels.
	• Mechanical work such as the installation of air handling equipment, associated ductwork, diffusers, heat exchangers, terminal units, and controls.

Fargo VA Infection Control Risk Assessment for Construction, Renovation and Maintenance

Table 2 - Affected Area Assessment

Identify the areas and associated patients that will be affected by the construction, renovation, maintenance activity (see the Figure for a visual representation of adjacent affected areas).

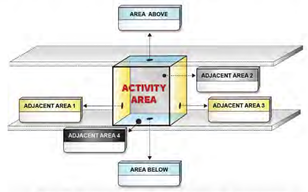


Figure: Isometric drawing of affected area assessment

Area	Service(s)/Type(s) of Area(s) *(e.g., OR, Unit/Ward, Sterile Processing, Administrative, etc.)**	Point of Contact (POC)	POC Contact Information
Activity Area**			
Area Above			
Area Below			
Adjacent Area 1			
Adjacent Area 2			
Adjacent Area 3			
Adjacent Area 4			

* There may be more than one Service/type of area for each row. List all.

** List the area(s) in which the construction/renovation/maintenance activity will occur. ***NOTE: When the Activity Category is B, C, or D, the control measures are determined by the Patient Risk in the adjacent affected areas.***

Fargo VA Infection Control Risk Assessment for Construction, Renovation and Maintenance

Table 3 - Patient Risk Category

Using Table 3, identify the patient risk category for each area listed in Table 2. Of the patient risk categories identified, select the one with the greatest risk as the overall Patient Risk Category for the activity.

Overall Patient Risk Category determined from Table 3 (*Low, Medium, High, or Highest*): ☐

Low Risk	Medium Risk	High Risk	Highest Risk
Non-patient care areas such as:	Patient care support areas such as:	Patient care areas such as:	Procedural, invasive, sterile support, and highly compromised patient care areas such as:
• Public hallways and gathering areas not in clinical areas • Office areas not in clinical areas • Breakrooms not in clinical areas • Bathrooms or locker rooms not in clinical areas • Mechanical/electrical rooms not in clinical areas	• Waiting areas • Clinical engineering (biomedical) • Materials management • Sterile processing department – dirty side • Kitchen, cafeteria, gift shop, coffee shop, and food kiosks	• Patient care rooms and areas, including spinal cord injury units • All acute care units, including mental health • All outpatient units and clinics • Emergency department • Community Living Centers, domiciliaries, and transitional residences • Employee health • Pharmacy – general work zone • Medication rooms and clean utility rooms • Imaging suites – diagnostic imaging • Laboratory	• All transplant units • All intensive care units • All oncology units and chemotherapy/infusion centers • OR theaters and restricted areas • Hemodialysis units • Procedural rooms* • Pharmacy compounding area • Sterile processing department – clean side • Transfusion services • Imaging suites – interventional imaging • Dedicated isolation wards/units for infectious diseases

* Procedural Rooms are designated for the performance of patient care activities that may require high-level disinfected or sterile instruments and some environmental controls but is not required to be performed with the environmental controls of an operating room (OR). The room is intended for procedures that are performed in an aseptic surgical field and penetrates the protective surfaces of a patient's body (e.g., subcutaneous tissue, mucous membranes, cornea) or entry into or opening of a sterile body cavity. Examples of these spaces include Cardiac Catheterization Suites, Electrophysiology Suites, Endovascular/GI Suites, Angio Suites and other spaces which may have high risk patient populations.

Fargo VA Infection Control Risk Assessment for Construction, Renovation and Maintenance

Table 4 - Level of Infection Prevention and Control Precautions

Match the Overall Patient Risk Category (*Low, Medium, High, Highest*) determined from Table 3 with the planned Construction/Renovation/Maintenance Activity Category (*A, B, C, D*) from Table 1 to determine the minimum Level of Infection Prevention and Control Precautions (*I, II, III, or IV*) using Table 4 below.

Level of Precautions determined from Table 4 (*I, II, III, or IV*): ☐

Patient Risk Category	Activity Category A	B	C	D
Low Risk	I	II	II	III
Medium Risk	I	II	III	IV
High Risk	I	II	IV	IV
Highest Risk	II	III	IV	IV

An infection prevention and control permit is required for Level III and Level IV. Consult with Infection Prevention and Control for Level I and Level II.

Table 5 - Required Infection Prevention and Control Measures, by Level of Precautions

Controls defined below for the Level of Precautions identified for the activity must be in place before the activity begins and maintained until work is completed and the area is activated. Control measures for each Precaution Level must also include the control measures in the preceding Level(s).

As the activity progresses, a full re-evaluation of remaining activity type and patient risk is required prior to downgrading the Level of Precautions.

Level of Precautions	Control Measures
Level I	1. Perform work activity in a manner that does not create dust or interrupt patient care. 2. Immediately replace any ceiling tile, close access panels, etc., upon completion of work. 3. Any materials and equipment being brought into the facility must be free of contaminants and loose material.
Level II	**All control measures in Level I and the following:** 1. Provide active means to control airborne dust from dispersing into occupied areas and/or water mist surface to control dust (e.g., Mobile Dust Containment Cart or some other system). 2. Ensure worker clothing is clean and free of visible dust before leaving the work area. 3. Remove or isolate air diffusers (supply and return) to protect the HVAC system from dust and reduce air turbulence. Rebalance system to address diffuser isolation.

Fargo VA Infection Control Risk Assessment for Construction, Renovation and Maintenance

	4. When the work involves/effects potable water systems including stagnation due to reduced usage, piping shall be flushed twice a week or isolated from main system. 5. Seal doors to prevent dust migration. 6. Contain all trash and debris in the work area. Perform daily cleaning and disposal of trash (covered) from work area using an identified exit route. 7. Any equipment, tools, or materials removed from the work area must be in sealed containers and/or cleaned of dust and debris prior to removal from the area. 8. Nonporous/smooth & cleanable containers (w/ a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned & free of visible dust/debris before leaving the contained work area. 9. Install a sticky (dust collection) mat at entrance of contained work area based on facility policy. Sticky mats must be changed routinely and when visibly soiled. 10. Maintain clean surroundings when area is not contained by damp mopping or HEPA vacuuming surfaces at least daily. 11. Ensure no unauthorized access, by means of lock or continuous, direct supervision or site entry, until project completion.
Level III	**All control measures in Levels I and II and the following:** 1. Ensure availability of equipment for cleaning hands. 2. Construct and complete critical barriers meeting NFPA 241 requirements. Barriers must extend to the ceiling or if ceiling tile is removed, to the deck above. 3. All barrier construction activities must be completed in a manner that prevents dust release. 4. Barriers must be hard barriers unless temporary to install final barrier. Barrier walls shall be inspected and approved prior to the start of demolition or construction. (If VA staff cannot inspect prior to 4:30PM, then the check will be the next business day.) 5. Seal all penetrations in containment barriers, including floors and ceiling, using approved materials (UL schedule firestop if applicable for barrier type). 6. Maintain .01 inches /water gauge negative pressurization of the entire workspace by use of HEPA exhaust air systems directed outdoors, or comply with the alternative method outlined in Appendix A. These controls must be maintained continuously 24/7 for the duration of the project. HEPA-filtered exhaust if discharged directly to the outdoors must be at a distance of 25 feet or greater from entrances, air intakes, and operable windows. Exhausting discharged air into shared or recirculating HVAC systems, or other shared exhaust systems (e.g., bathroom exhaust) is prohibited. 7. Install a differential pressure sensing device (e.g., magnehelic, manometer, or digital monitoring) on exterior of work containment to continually monitor and document negative pressurization. The "ball in the wall" or similar apparatus are not acceptable.
Level IV	**All control measures in Levels I, II and III and the following:** 1. Containment must include an anteroom to ensure pressure control. Anteroom must be large enough for equipment staging, cart cleaning, workers' PPE and cleaning. 2. Worker clothing and/or PPE must be removed or clean and free of visible dust before leaving the work area anteroom. HEPA vacuuming of clothing or use of cover suits is acceptable. 3. Workers must wear shoe covers or have a method to clean shoes in anteroom. Shoe covers must be removed prior to exiting the anteroom to the occupied space (non-work area). Damaged shoe covers must be changed immediately.

Fargo VA Infection Control Risk Assessment for Construction, Renovation and Maintenance

Table 6 - Minimum Infection Prevention and Control Measures Required Upon Completion of the Activity

Controls defined below shall be completed upon completion of the activity and inspected prior to terminating measures defined in Table 5.

Level of Precautions	Measures
Levels I - II	**Cleaning:** 1. Clean work areas including all environmental surfaces, high horizontal surfaces and flooring materials. 2. Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces. **HVAC Systems:** 1. Remove isolation of HVAC system in areas where work is being performed. Verify that HVAC systems are clean and operational. 2. Verify the HVAC systems meet original airflow and air exchange design specifications. **Water systems:** 1. Until the potable water system is activated and in use, flushing shall continue at least twice per week in accordance with VHA Directive 1061.
Levels III - IV	Construction areas must be inspected by an infection preventionist and engineering representative (and others as determined by the facility) for final activity/project close out and removal of infection prevention and control measures. **Work Area Cleaning:** 1. Clean work areas including all environmental surfaces, high horizontal surfaces and flooring materials. 2. Check all supply and return air registers for dust accumulation on upper surfaces as well as air diffuser surfaces. **Removal of Critical Barriers:** 1. Critical barriers must remain in place during all work involving drywall removal, creation of dust and activities beyond simple touch-up work. The barrier may NOT be removed until a work area cleaning has been performed. Additional cleaning may be needed after removal of barrier. 2. All barrier removal activities must be completed in a manner that prevents dust release. Use the following precautions when removing hard barriers: i. Carefully remove screws and painter tape. ii. If dust will be generated during screw removal, use hand-held HEPA vacuum. iii. Drywall cutting is prohibited during removal process. iv. Clean all stud tracks with HEPA vacuum before removing outer hard barrier. v. Use a plastic barrier to enclose area if dust could be generated. **Negative Air Requirements:** 1. The use of negative air must be designed to remove contaminants from the work area. 2. Negative air devices (fans, filters, monitoring and documentation equipment) must remain operational at all times and in place for a period after completion of dust creating activities to remove contaminants from the work area and before removal of critical barriers. **HVAC systems:** 1. Upon removal of critical barriers, remove isolation of HVAC system in areas where work is being performed. 2. Verify that HVAC systems are clean and operational. 3. Verify and document through a TAB the HVAC systems meets original airflow and air exchange design specifications. **Water systems:** 1. Until the potable water system is activated and in use, flushing shall continue at least twice per week in accordance with VHA Directive 1061.

Fargo VA Infection Prevention & Control Construction/Renovation/Maintenance Permit

This page must be posted at the entrance to the project area for Level III and Level IV activities.

Unique permit number:			
Location of construction/renovation/maintenance			
Project manager		Project start date	
Contact phone number		Completion date	
Contractor		Permit expiration date	

Activity Category (*A, B, C, or D*)		Overall Patient Risk Category (*Low, Medium, High, or Highest*)		Level of Infection Prevention and Control Precautions (*I, II, III, or IV*)	

Level of Precautions	Control measures to be in place for the duration of the activity *(Check the box for the activity's Level of Precautions to indicate the Control Measures)*
Level I ☐	1. Perform work activity in a manner that does not create dust or interrupt patient care. 2. Immediately replace any ceiling tile, close access panels, etc., upon completion of work. 3. Any materials and equipment being brought into the facility must be free of contaminants and loose material.
Level II ☐	**All control measures in Level I and the following:** 1. Provide active means to control airborne dust from dispersing into occupied areas and/or water mist surface to control dust (e.g., Mobile Dust Containment Cart or some other system). 2. Ensure worker clothing is clean and free of visible dust before leaving the work area. 3. Remove or isolate air diffusers (supply and return) to protect the HVAC system from dust and reduce air turbulence. Rebalance system to address diffuser isolation. 4. When the work involves or impacts potable water systems including stagnation due to reduced usage, the piping shall be flushed twice a week or isolated from the main system 5. Seal doors, to prevent dust migration. 6. Contain all trash and debris in the work area. Perform daily cleaning and disposal of trash (covered) from work area using an identified exit route. 7. Any equipment, tools, or materials removed from the work area must be in sealed containers and/or cleaned of dust and debris prior to removal from the area. 8. Nonporous/smooth and cleanable containers (with a hard lid) must be used to transport trash and debris from the construction areas. These containers must be damp-wiped cleaned and free of visible dust/debris before leaving the contained work area. 9. Install a sticky (dust collection) mat at entrance of contained work area based on facility policy. Sticky mats must be changed routinely and when visibly soiled. 10. Maintain clean surroundings when area is not contained by damp mopping or HEPA vacuuming surfaces at least daily. 11. Ensure no unauthorized access, by means of lock or continuous, direct supervision for site entry, until project completion.
Level III ☐	**All control measures in Levels I and II and the following:** 1. Ensure availability of equipment for cleaning hands. 2.Construct and complete critical barriers meeting NFPA 241 requirements. Barriers must extend to the ceiling or if ceiling tile is removed, to the deck above. 3.All barrier construction activities must be completed in a manner that prevents dust release. 4.Barriers must be hard barriers unless temporary to install final barrier. Barrier walls shall be inspected and approved prior to the start of demolition or construction. (If VA staff cannot inspect prior to 4:30PM, then the check will be the next business day.) 5.Seal all penetrations in containment barriers, including floors and ceiling, using approved materials (UL schedule firestop if applicable for barrier type). 6.Maintain .01 inches /water gauge negative pressurization of the entire workspace by use of HEPA exhaust air systems directed outdoors or comply with the alternative method outlined in appendix A; These controls must be maintained continuously 24/7 for the duration of the project. HEPA-filtered exhaust if discharged directly to the outdoors must be at a distance of 25 feet or greater from entrances, air intakes, and operable windows. Exhausting discharged air into shared or recirculating HVAC systems, or other shared exhaust systems is prohibited. **Check box to indicate exhaust method**: Exterior ☐ Alternative Interior Method ☐ 7.Install a differential pressure sensing device (e.g., magnehelic, manometer, or digital monitoring) on exterior of work containment to continually monitor and document negative pressurization. The "ball in the wall" or similar apparatus are not acceptable.
Level IV ☐	**All control measures in Levels I, II and III and the following:** 1. Containment must include an anteroom to ensure pressure control. Anteroom must be large enough for equipment staging, cart cleaning, workers' PPE and cleaning. 2. Worker clothing and/or PPE must be removed or clean and free of visible dust before leaving the work area anteroom. HEPA vacuuming of clothing or use of cover suits is acceptable. 3. Workers must wear shoe covers or have a method to clean shoes in anteroom Shoe covers must be removed prior to exiting the anteroom to the occupied space (non-work area). Damaged shoe covers must be changed immediately.

Is there a risk of TB exposure? ◯ Yes ◉ No

Additional requirements:

At completion of project, Table 6 (Minimum Infection Prevention & Control Measures Required Upon Completion of the Activity) of this ICRA must be followed.

Project Manager signature		Date	
Infection Preventionist signature		Date	
Patient Safety Manager		Date	

Appendix A: Alternative To Outdoor Exhaust Requirements

This Appendix provides an equivalent ICRA control measure to requirements detailed in this VHA ICRA template (Table 5 Level III, item 5) that would allow interior construction space exhaust.

Interior Construction Space Exhaust:

If the facility is not able to exhaust to the building exterior, the Healthcare Environment and Facilities program office has identified an alternate industry-recognized standard interior exhaust procedure that is accepted as providing an equivalent level of infection prevention and control (IPC), and safety. The alternate interior exhaust procedure is implemented by completing the following:

a. If exhaust is directed indoors, then the system must be HEPA filtered. Prior to start of work, including assembly of the ICRA barriers, initial baseline air sampling measurements for particulate levels must be taken in the planned area of discharge. Once containment is erected and completed, HEPA filtration must then be verified by particulate measurement, using a particle counter with multi-channel capabilities to measure down to 0.3 microns, to confirm that the discharge of the HEPA unit does not exceed the baseline particulate count of the area to which the exhaust is directed. Verification must continue at least three times per day (once every 8 hours), 7 days per week, during the use of the negative air machine and HEPA filter. Any exceedance must trigger a work stoppage and an immediate response and resolution. All particulate measurements, including the baseline measurement, must be documented and retrievable.
b. To accommodate the sampling, the negative air pressure machine must be fitted with a 2 ft section of ridged ductwork at the discharge. The sample port for monitoring must be in the ridged ductwork section.
c. Vapor generating processes must be assessed and appropriate filtration must be installed to mitigate transmission to the facility.
d. Engineering must do a complete flow and pressure analysis and document the area to which the air is being discharged to ensure the flow and pressure relationships in that area are not being adversely impacted by the additional flow. Ideally, this is done as part of the construction package to ensure the design is implementable and no additional HVAC changes are required to accommodate the exhaust from the negative air equipment.
e. Install device on exterior of work containment to continually monitor negative pressurization. To ensure proper pressure is continuously maintained, the device(s) shall have a visual pressure indicator, data collection and alarm.
f. Exhaust must be directed to Low Risk areas as defined in Table 3 in this VHA ICRA template. Ideally this discharge must be located so as not to impinge on high traffic areas or create a nuisance with noise or excessive airflow.

NOTE: Exhaust into shared or recirculating HVAC systems, or other shared exhaust systems (e.g. bathroom exhaust) is not acceptable.

VOLUME 1 OF 2

Revisions	Date

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
WWW.VERITAS.COM

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 19.2481.M18

STAMP

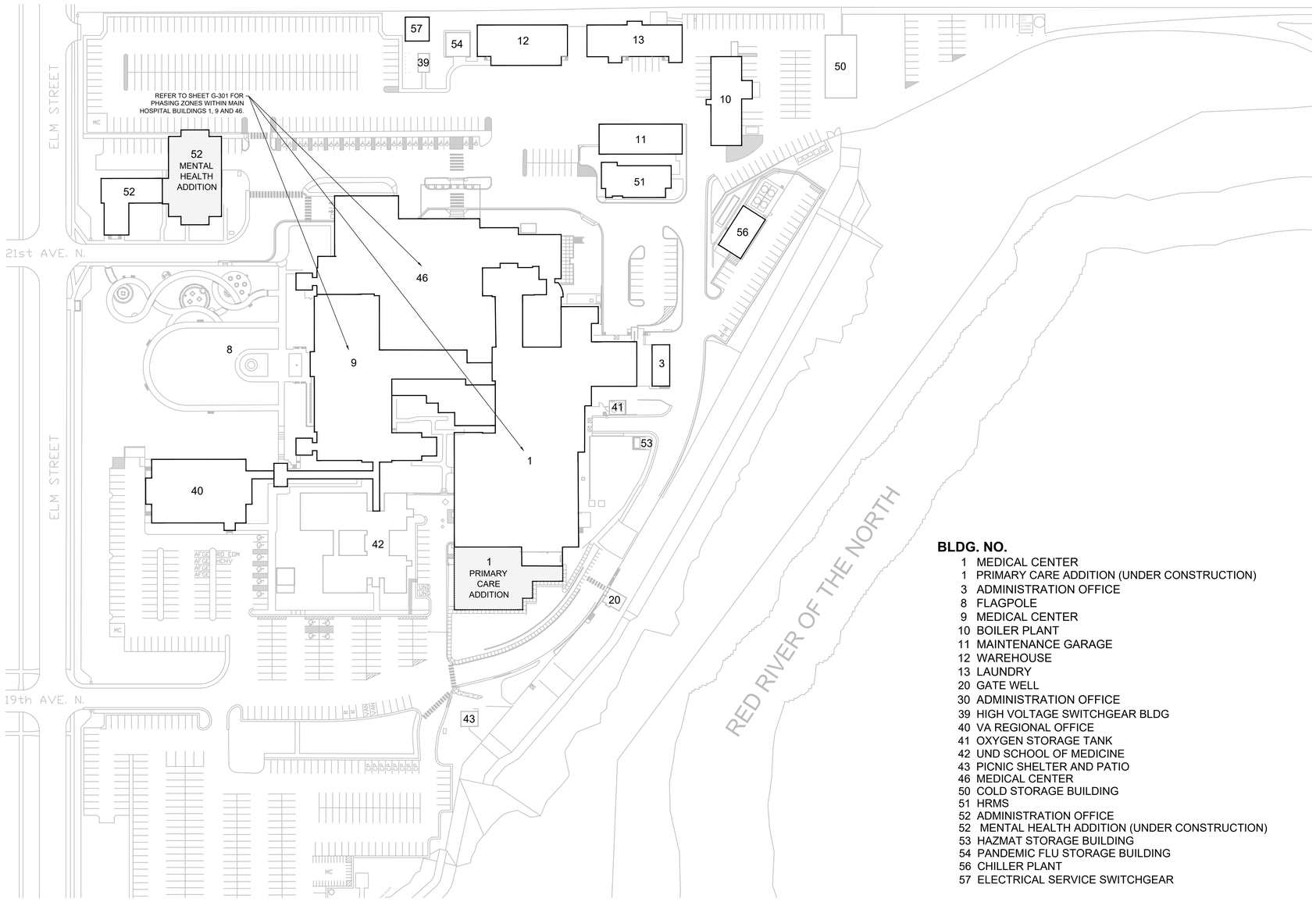
MONTANA RAYMOND E. DAVIS No. 30007PE REGISTERED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: ICRA REQUIREMENTS	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
COR / Project Engineer: TODD DALZELL		Location: 2101 ELM STREET FARGO, NORTH DAKOTA 58102	Building Number
		Date: 6/12/2025 / Checked: KP, RD / Drawn: TB, KZ	Drawing Number: G-200
			Dwg. 4 of 91

6/12/2025 2:29:26 PM

VA FORM 08-6231



PHASING ORDER METHODOLOGY

THE PHASING PLAN FOR THE MAIN HOSPITAL BUILDING HAS BEEN ORDERED BASED ON THE LOGIC OF WORKING FROM THE TOP OF THE BUILDING TOWARDS THE GROUND FLOOR, UNOCCUPIED FLOORS, TO STAFF ONLY OCCUPIED FLOORS, AND THEN PATIENT OCCUPIED FLOORS.

FINAL PHASING PLAN SHALL BE SUBMITTED FOR APPROVAL BY THE INSTALLING CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.

ACCEPTANCE AND COMMISSIONING WILL OCCUR AFTER EACH PHASE IS COMPLETED. DEMO OPERATIONS WILL OCCUR AFTER COMMISSIONING IS COMPLETE.

PHASING ORDER

PHASE 1: CAMPUS COMMUNICATION LOOP INSTALLATION AND TESTING. INSTALL COMMUNICATIONS BACKBONE CABLING BETWEEN NEW PANEL LOCATIONS.

PHASE 2: INSTALL FACP'S AND TRANSPONDERS IN NEW LOCATIONS. CONNECT PANELS TO CAMPUS-WIDE COMMUNICATIONS LOOP. INSTALL NEW POWER SUPPLIES, INCLUDING POWER AND SIGNAL CONDUCTORS. BRING NEW PRIMARY SYSTEM COMPONENTS ONLINE.

PHASE 3: INSTALLATION AND TESTING OF DETECTION AND NOTIFICATION DEVICES. TESTING WILL BE PERFORMED UPON COMPLETION OF INSTALLATION WITHIN EACH WORK AREA. WORK AREA DESIGNATIONS ARE THE SAME AS SMOKE COMPARTMENT DESIGNATIONS OUTLINED IN THE FARGO VA'S LIFE SAFETY PLANS DATED OCT. 17, 2024 AND ARE SHOWN IN THE PHASING FLOOR PLANS.

INSTALLATION SEQUENCE FOR MAIN HOSPITAL BUILDINGS (1,9,46):
WORK ZONE 1: PENTHOUSE FLOOR
WORK ZONE 2: AREAS 4.1, 4.3, 4.4
WORK ZONE 3: AREAS 3.1, 3.2, 3.6
WORK ZONE 4: AREAS 2.1, 2.2, 2.3, 2.4
WORK ZONE 5: AREAS 1.1, 1.2, 1.3
WORK ZONE 6: AREAS 1.4, 1.4.1, 1.5, 1.6
WORK ZONE 7: AREAS 1.7, 1.8, 1.9
WORK ZONE 8: AREA 0.1 (BASEMENT)
WORK ZONE 9: AREA 4.2
WORK ZONE 10: AREAS 3.3, 3.4, 3.5
WORK ZONE 11: AREAS 2.5, 2.6, 2.7

RECOMMENDED WORK ZONE SEQUENCING FOR FARGO VA OUTBUILDINGS:
WORK ZONE 12: BUILDING 13
WORK ZONE 13: BUILDING 10, BUILDING 56, BUILDING 57
WORK ZONE 14: BUILDING 3, BUILDING 40, BUILDING 51, BUILDING 52
WORK ZONE 15: BUILDING 11, BUILDING 12
WORK ZONE 16 (FUTURE): BUILDING 42

THE WORK ZONE SEQUENCING PRESENTED FOR THE FARGO VA OUTBUILDINGS REFLECTS A/E RECOMMENDED APPROACH TO PHASING AND IMPLEMENTATION. THIS SEQUENCE HAS BEEN DEVELOPED BASED ON DESIGN PRIORITIES, CONSTRUCTION EFFICIENCY, AND MINIMIZING OPERATIONAL IMPACTS. FINAL COORDINATION AND CONFIRMATION OF THIS SEQUENCE WILL BE CONDUCTED WITH THE VA TO ENSURE ALIGNMENT WITH SITE-SPECIFIC NEEDS, OPERATIONAL CONSTRAINTS, AND VA PREFERENCES.

BLDG. NO.

1 MEDICAL CENTER
1 PRIMARY CARE ADDITION (UNDER CONSTRUCTION)
3 ADMINISTRATION OFFICE
8 FLAGPOLE
9 MEDICAL CENTER
10 BOILER PLANT
11 MAINTENANCE GARAGE
12 WAREHOUSE
13 LAUNDRY
20 GATE WELL
30 ADMINISTRATION OFFICE
39 HIGH VOLTAGE SWITCHGEAR BLDG
40 VA REGIONAL OFFICE
41 OXYGEN STORAGE TANK
42 UND SCHOOL OF MEDICINE
43 PICNIC SHELTER AND PATIO
46 MEDICAL CENTER
50 COLD STORAGE BUILDING
51 HRMS
52 ADMINISTRATION OFFICE
52 MENTAL HEALTH ADDITION (UNDER CONSTRUCTION)
53 HAZMAT STORAGE BUILDING
54 PANDEMIC FLU STORAGE BUILDING
56 CHILLER PLANT
57 ELECTRICAL SERVICE SWITCHGEAR

1 OVERALL SITE PHASING PLAN
SCALE: 1/64" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
MONTANA RAYMOND E. EDWARDS No. 36029PE PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

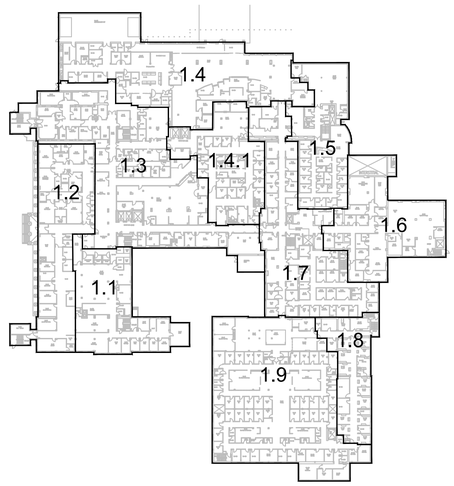
Drawing Title: OVERALL SITE PHASING PLAN
Phase: CONSTRUCTION DOCUMENTS
Project Title: FARGO REPLACE FIRE ALARM SYSTEM
Project Number: 437-23-105
Building Number: CAMPUS
Approved: Project Director: TODD DALZELL
FULLY SPRINKLERED
Location: 2101 ELM STREET, FARGO, ND 58102
Issue Date: 06/12/2025
Checked: WEW
Drawn: JMS
Drawing Number: G-300
Dwg. 5 of 91

File Path: 11/15/2022 11:30:03 AM
VA FORM 08 - 6231

BASEMENT PHASING
PHASE 1: CAMPUS COMMUNICATION LOOP PHASE 2: FACP AND TRANSPONDER INSTALLATION PHASE 3 - WORK ZONE 8: BASEMENT

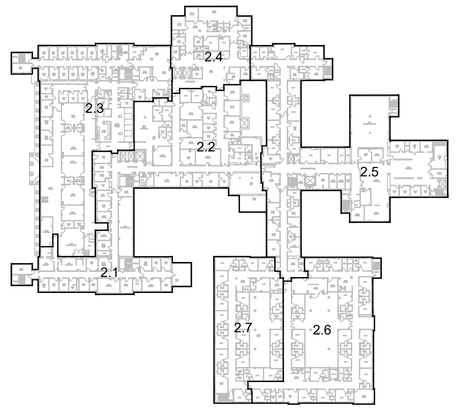
1 MAIN HOSPITAL - BASEMENT - PHASING PLAN
SCALE: 1/64" = 1'

1ST FLOOR PHASING
PHASE 1: CAMPUS COMMUNICATION LOOP PHASE 2: FACP AND TRANSPONDER INSTALLATION PHASE 3 - WORK ZONE 5: AREAS 1.1, 1.2, 1.3 PHASE 3 - WORK ZONE 6: AREAS 1.4, 1.4.1, 1.5, 1.6 PHASE 3 - WORK ZONE 7: AREAS 1.7, 1.8, 1.9



2 MAIN HOSPITAL - FIRST FLOOR - PHASING PLAN
SCALE: 1/64" = 1'

2ND FLOOR PHASING
PHASE 1: CAMPUS COMMUNICATION LOOP PHASE 2: FACP AND TRANSPONDER INSTALLATION PHASE 3 - WORK ZONE 4: AREAS 2.1, 2.2, 2.3, 2.4 PHASE 3 - WORK ZONE 11: AREAS 2.5, 2.6, 2.7



3 MAIN HOSPITAL - SECOND FLOOR - PHASING PLAN
SCALE: 1/64" = 1'

PHASING ORDER METHODOLOGY

THE PHASING PLAN FOR THE MAIN HOSPITAL BUILDING HAS BEEN ORDERED BASED ON THE LOGIC OF WORKING FROM THE TOP OF THE BUILDING TOWARDS THE GROUND FLOOR, UNOCCUPIED FLOORS, TO STAFF ONLY OCCUPIED FLOORS, AND THEN PATIENT OCCUPIED FLOORS.

FINAL PHASING PLAN SHALL BE SUBMITTED FOR APPROVAL BY THE INSTALLING CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.

ACCEPTANCE AND COMMISSIONING WILL OCCUR AFTER EACH PHASE IS COMPLETED. DEMO OPERATIONS WILL OCCUR AFTER COMMISSIONING IS COMPLETE.

PHASING ORDER

PHASE 1: CAMPUS COMMUNICATION LOOP INSTALLATION AND TESTING. INSTALL COMMUNICATIONS BACKBONE CABLING BETWEEN NEW PANEL LOCATIONS.

PHASE 2: INSTALL FACP'S AND TRANSPONDERS IN NEW LOCATIONS. CONNECT PANELS TO CAMPUS-WIDE COMMUNICATIONS LOOP. INSTALL NEW POWER SUPPLIES, INCLUDING POWER AND SIGNAL CONDUCTORS. BRING NEW PRIMARY SYSTEM COMPONENTS ONLINE.

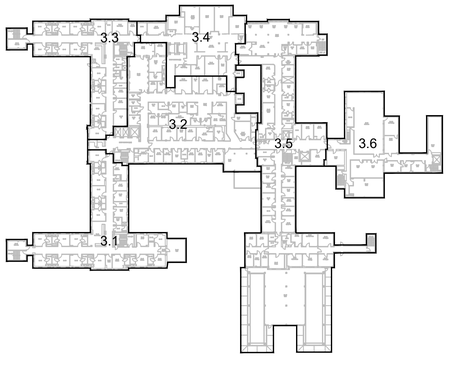
PHASE 3: INSTALLATION AND TESTING OF DETECTION AND NOTIFICATION DEVICES. TESTING WILL BE PERFORMED UPON COMPLETION OF INSTALLATION WITHIN EACH WORK AREA. WORK AREA DESIGNATIONS ARE THE SAME AS SMOKE COMPARTMENT DESIGNATIONS OUTLINED IN THE FARGO VA'S LIFE SAFETY PLANS DATED OCT. 17, 2024 AND ARE SHOWN IN THE PHASING FLOOR PLANS.

INSTALLATION SEQUENCE FOR MAIN HOSPITAL BUILDINGS (1,9,46):
WORK ZONE 1: PENTHOUSE FLOOR
WORK ZONE 2: AREAS 4.1, 4.3, 4.4
WORK ZONE 3: AREAS 3.1, 3.2, 3.6
WORK ZONE 4: AREAS 2.1, 2.2, 2.3, 2.4
WORK ZONE 5: AREAS 1.1, 1.2, 1.3
WORK ZONE 6: AREAS 1.4, 1.4.1, 1.5, 1.6
WORK ZONE 7: AREAS 1.7, 1.8, 1.9
WORK ZONE 8: AREA 0.1 (BASEMENT)
WORK ZONE 9: AREA 4.2
WORK ZONE 10: AREAS 3.3, 3.4, 3.5
WORK ZONE 11: AREAS 2.5, 2.6, 2.7

RECOMMENDED WORK ZONE SEQUENCING FOR FARGO VA OUTBUILDINGS:
WORK ZONE 12: BUILDING 13
WORK ZONE 13: BUILDING 10, BUILDING 56, BUILDING 57
WORK ZONE 14: BUILDING 3, BUILDING 40, BUILDING 51, BUILDING 52
WORK ZONE 15: BUILDING 11, BUILDING 12
WORK ZONE 16 (FUTURE): BUILDING 42

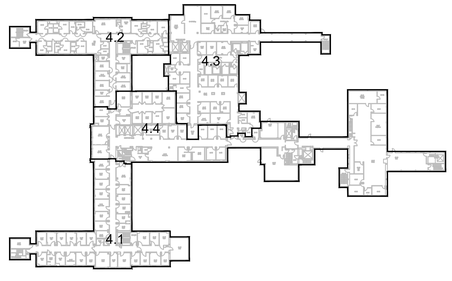
THE WORK ZONE SEQUENCING PRESENTED FOR THE FARGO VA OUTBUILDINGS REFLECTS A/E RECOMMENDED APPROACH TO PHASING AND IMPLEMENTATION. THIS SEQUENCE HAS BEEN DEVELOPED BASED ON DESIGN PRIORITIES, CONSTRUCTION EFFICIENCY, AND MINIMIZING OPERATIONAL IMPACTS. FINAL COORDINATION AND CONFIRMATION OF THIS SEQUENCE WILL BE CONDUCTED WITH THE VA TO ENSURE ALIGNMENT WITH SITE-SPECIFIC NEEDS, OPERATIONAL CONSTRAINTS, AND VA PREFERENCES.

3RD FLOOR PHASING
PHASE 1: CAMPUS COMMUNICATION LOOP PHASE 2: FACP AND TRANSPONDER INSTALLATION PHASE 3 - WORK ZONE 3: AREAS 3.1, 3.2, 3.6 PHASE 3 - WORK ZONE 10: AREAS 3.3, 3.4, 3.5



4 MAIN HOSPITAL - THIRD FLOOR - PHASING PLAN
SCALE: 1/64" = 1'

4TH FLOOR PHASING
PHASE 1: CAMPUS COMMUNICATION LOOP PHASE 2: FACP AND TRANSPONDER INSTALLATION PHASE 3 - WORK ZONE 2: AREAS 4.1, 4.3, 4.4 PHASE 3 - WORK ZONE 9: AREA 4.2



5 MAIN HOSPITAL - FOURTH FLOOR - PHASING PLAN
SCALE: 1/64" = 1'

5TH FLOOR/PENTHOUSE PHASING
PHASE 1: CAMPUS COMMUNICATION LOOP PHASE 2: FACP AND TRANSPONDER INSTALLATION PHASE 3 - WORK ZONE 1: PENTHOUSE/5TH FLOOR

6 MAIN HOSPITAL - FIFTH FLOOR - PHASING PLAN
SCALE: 1/64" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
RANDALL E. DAVIES No. 8008PE REGISTERED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
U.S. Department of Veterans Affairs

Drawing Title: MAIN HOSPITAL BUILDING PHASING PLANS	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
			Building Number: 1,9,46
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: G-301
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 6 of 91

11/15/2022 11:30:03 AM
File Path:
VA FORM 08 - 6231

GENERAL CEILING CONDITION NOTE

CONGESTED CEILING CONDITIONS WERE OBSERVED IN MANY AREAS OF THE MAIN HOSPITAL WHICH WILL REQUIRE SPECIAL CONSIDERATION WHEN ROUTING NEW FIRE ALARM AND ELECTRICAL CONDUITS. THE IMAGES SHOWN ON THIS SHEET PROVIDE A LIMITED SAMPLE OF THE CEILING SPACE CONDITIONS THAT CAN BE EXPECTED. THE CEILING SPACES WITHIN THE CLOUDED REGIONS ON THE CEILING CONGESTION KEY PLANS ARE BELIEVED TO HAVE DENSELY PACKED EXISTING PIPES AND CONDUIT. SPECIAL CONSIDERATION TO CONDUIT ROUTING AND CAREFUL FIELD COORDINATION WILL BE REQUIRED IN THE IDENTIFIED AREAS. SIMILAR CONGESTED CEILING CONDITIONS MAY EXIST IN ADDITION TO AREAS IDENTIFIED ON DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR VERIFY CONDITIONS AND TO DETERMINE VIABLE CONDUIT PATHWAYS.

NOTE THAT IMAGES HAVE NOT BEEN PROVIDED FOR THE AREAS WITH A GRID STYLE CEILING AS THE CEILING SPACE IS CONCEALED FROM VIEW IN THOSE AREAS.

IMAGE #1

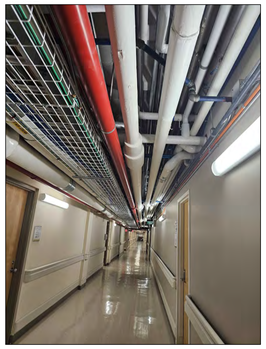


IMAGE #2

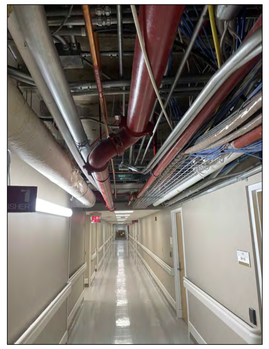


IMAGE #3

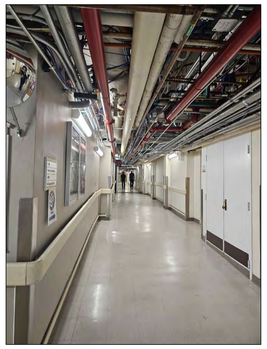


IMAGE #4

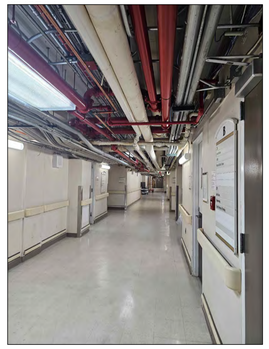


IMAGE #5

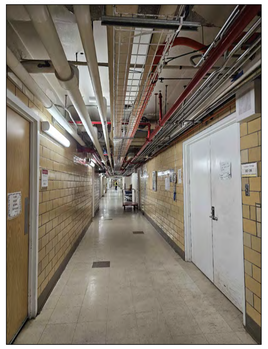
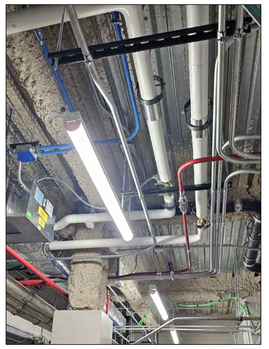
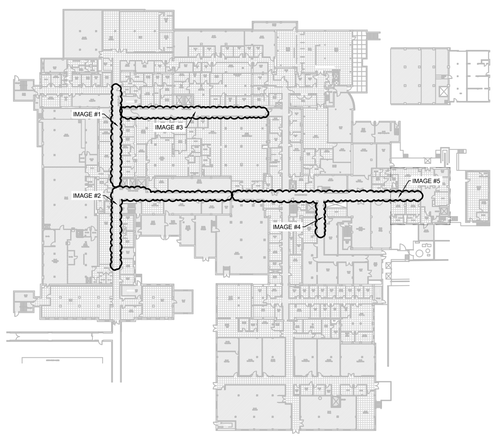


IMAGE #6



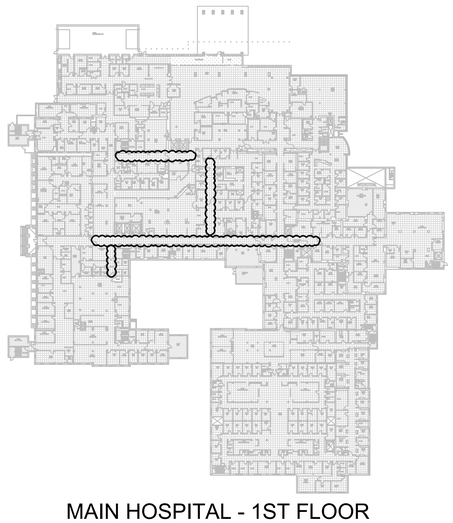
1 MAIN HOSPITAL - CEILING SPACE PHOTOS

SCALE: 1/4" = 1'



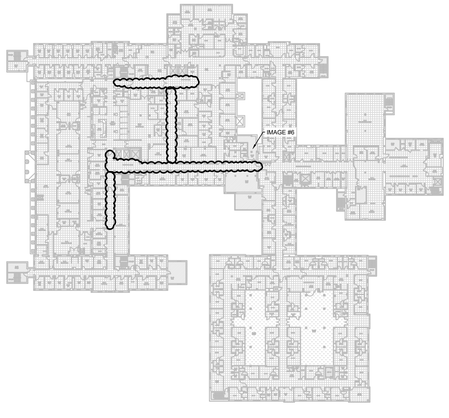
2 MAIN HOSPITAL - BASEMENT AREAS OF CONGESTION KEY PLAN

SCALE: 1/64" = 1'



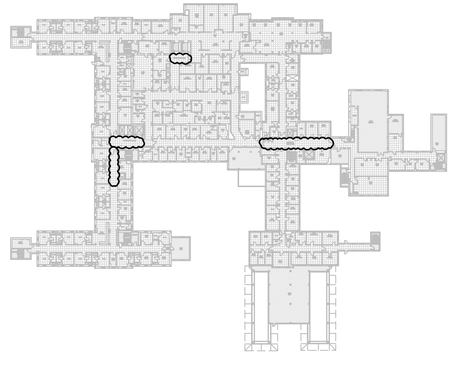
3 MAIN HOSPITAL - 1ST FLOOR AREAS OF CONGESTION KEY PLAN

SCALE: 1/64" = 1'



4 MAIN HOSPITAL - 2ND FLOOR AREAS OF CONGESTION KEY PLAN

SCALE: 1/64" = 1'



5 MAIN HOSPITAL - 3RD FLOOR AREAS OF CONGESTION KEY PLAN

SCALE: 1/64" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

REGISTERED PROFESSIONAL ENGINEER
RAYMOND E. DAMES
No. R00029E

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title AREAS OF CEILING CONGESTION KEY PLANS	**Phase** CONSTRUCTION DOCUMENTS	**Project Title** FARGO REPLACE FIRE ALARM SYSTEM	**Project Number** 437-23-105
Approved: Project Director TODD DALZELL	FULLY SPRINKLERED	**Location** 2101 ELM STREET, FARGO, ND 58102	**Building Number** 1,9,46
		Issue Date 06/12/2025 / **Checked** WEW / **Drawn** JMS	**Drawing Number** G-302 Dwg. 7 of 91

11/15/2022 11:30:03 AM

File Path

VA FORM 08 - 6231

BASEMENT FLOOR ROOM LIST

Room #	Function
BA-01	Mechanical
BA-01A	Building 46 Switchgear
BA-01B	Building 46 Emergency Generator
BA-03	EMS Storage
BA-05	Environment Management Storage
BA-07	SPS Storage
BA-07A	Building 9 Emergency Generator
BA-09	Soiled Linen
BA-10	Building 9 Switchgear
BA-30	OI&T
BA-35	Men
BA-37	HAC
BA-39	Women
BA-40	Office
BA-41	Mechanical
BA-43	Break
BA-44	Passage
BA-44A	Women's Locker
BA-44B	Men's Locker
BA-45	?
BA-50	Waiting Area
BA-65	Office
BA-65A	Mechanical
BA-65B	Occupational Therapy Kitchen
BA-68	Occupational Therapy Office
BA-69	Conference Room
BA-70	Office
BA-85	Mechanical
STAIR9	Stairwell 9
STAIR10	Stairwell 10
STAIR13	Stairwell 13
BB-03	Maintenance & Repair Shop
BB-09	Building 9 Tank
BB-10	Engineering / VAEA Storage
BB-12	Passage
BB-15	Clean Storage
BB-15A	Women's Locker
BB-15A1	Toilet
BB-15B	Men's Locker
BB-15B1	Toilet
BB-16A	Clcr
BB-16B	Clcr
BB-17	Prep/Assembly/Storage
BB-17A	ETO/Low Temp Sterile
BB-18A	?
BB-18B	Cart Wash
BB-20	Receiving / Decontamination
BB-20A	?
BB-21	Cart Lift
BB-22	Pharmacy Waiting
BB-24	SPS Receiving
BB-26	Pharmacy Office
BB-27	Chief Pharmacy Office
BB-28	Pharmacy Technician Office
BB-30	SPS Assistant Chief Office
BB-31	Pharmacy Office
BB-32	Chief SPS Office
BB-33	Pharmacy Office
BB-34	Mechanical
BB-34B	Cart Lift
BB-35	Imaging UPS
BB-50	Storage
BB-52	Police Chief
BB-53	Police Training
BB-54	Assistant Police Chief
BB-55	PIV & Clerical
BB-56	Evidence Locker
BB-57	Equipment Locker
BB-58	Mechanical
BB-59	Men's Locker
BB-59A	Toilet
BB-60	Women's Locker
BB-60A	Toilet
BB-61	Holding
BB-62	Armory
BB-64	Men
BB-66	Women
BB-67	Research
BB-67A	Research
BB-67B	Research
BB-67C	Research
BB-67D	Research
BB-68	EMS
BB-69	?
BB-70	Pharmacy Conference & Class
BB-72	Pharmacy Ante
BB-72A	IV Hoods
BB-72B	Chemo Hoods
BB-75	Pharmacy Storage
BB-76	Pharmacy Staff Lounge
BB-78	Strip Packing
BB-79	Investigative Drug
BB-80	In-Patient Pharmacy
BB-80A	Controlled Substance Vault
BB-80B	HAC Closet
BB-82	Passage
BB-84	Occupational Health Exam
BB-85	Occupational Health

Room #	Function
BB-85A	Occupational Health Exam
BB-85B	Occupational Health Office
BB-90	Anticoagulation Clinic
BB-90A	Pharmacy Office
BB-90B	Pharmacy Office
BB-90C	Pharmacy Office
BB-90D	Pharmacy Office
BB-91	Storage
BB-92	IRM
BB-93	Storage
BB-94	Electrical
BB-95	Fitness Center
BB-95A	Women's Locker
BB-95B	Men's Locker
BB-96	Back-up Disaster / Fitness Instruction
BB-97	Storage
BB-100	Mechanical
CAR1	Liberty Elevator 1
CAR2	Liberty Elevator 2
CAR3	Liberty Elevator 3
STAIR14	Stairwell 14
STAIR15	Stairwell 15
BC-01	Work
BC-02	IRM
BC-05	Open Office
BC-05A	Office
BC-05B	Office
BC-05C	Office
BC-10	ROI Social Work Office
BC-11	Homeless Outreach
BC-11A	Interview
BC-12	Interview
BC-13	Supervisor Office
BC-15	OEF/OIF Social Work Space
BC-15A	OEF/OIF Office
BC-20	Open Office
BC-20A	Office
BC-30	Compliance Officer
BC-32	Social Work Office
BC-34	PIV
BC-41	Mechanical
BC-43	OI&T Office
BC-44	OI&T Office
BC-45	OI&T Office
BC-46	OI&T Office
BC-47	OI&T Office & Storage
BC-50	Computer
BC-50A	UPS
BC-52	CIO Office
BC-54	OI&T Storage
BC-56	OI&T Office
BC-58	OI&T Office
BC-59	Mechanical
BC-60	Telephone Equipment
BC-63	OI&T Office
BC-64	OI&T Office
BC-66	Men Toilet
BC-67	Women Toilet
BC-68	Canteen Storage
BC-69	Vending Machine Area
BC-70	Canteen Storage
BC-74	Food Serving Area
BC-74A	Canteen Kitchen
BC-74B	Canteen Storage
BC-75	Canteen Dining Area
BC-77	Elevator Equipment
BC-79	Mechanical
BC-80	Retail Store
BC-81	Retail Storage
BC-82	Chief Canteen Office
BC-83	Administrative Office
BC-85	Canteen Food
BC-85A	HAC
BC-85B	Food Storage
BC-89	Provider Lounge
BC-90	Credit Union
BC-90A	Credit Union
BC-91	EMS Break
BC-93	EMS Sign In
BC-94	Men's Locker
BC-95	Women's Locker
BC-96	Men's Toilet
CAR7	Victory Elevator 7
CAR8	Victory Elevator 8
STAIR3	Stairwell 3
BD-02	OI&T / Telephone
BD-04	Staff Break
BD-05	Mail
BD-06	OI&T Storage
BD-08	Canteen Storage
BD-10	Male Toilet
BD-11	Ward Property
BD-12	Female Toilet
BD-20	EMS Chief Office
BD-21	EMS Office
BD-22	Biomed Office
BD-23	EMS Assistant Chief Office
BD-31	Engineering Office

Room #	Function
BD-35	Engineering Office
BD-36	Industrial Hygiene Office
BD-37	Engineering Office
BD-38	EEO Office
BD-39	Engineering Office
BD-40	Life Safety Office
BD-41	Engineering Office
BD-42	Engineering Conference
BD-43	Facility Planner Office
BD-45	Engineering Office
BD-47	Engineering Office
BD-50	Engineering Offices
BD-50A	Assistant Chief of Engineering Office
BD-50B	Chief of Engineering Office
BD-60	Biomed Drop-off Area
BD-60A	Soiled Utility
BD-60B	Work Area
BD-60C	Charing Area
BD-60D	Biomed Shop
BD-60E	Biomed Office
BD-61	Locksmith Shop
BD-62	File & BAS
BD-63	Men's Locker
BD-63A	Toilet
BD-63A1	Shower
BD-65	Paint Shop
BD-65A	Spray & Drying
BD-70	Mechanical
BD-75A	Electric Shop
BD-75B	Carpentry Shop
BD-80	Storage
BD-81	Toilet
BD-83	Electrical
BD-84	IRM
BD-85A	Plumbing Shop
BD-85B	Mechanical Shop
BD-86	Elevator Mechanical
BD-90	Equipment Area
BD-91	Program Clerk
BD-92	Foreman
BD-95	Staff Break
CAR17	Elevator 17
STAIR4	Stairwell 4
STAIR22	Stairwell 22
BE-02	Fed Ex
BE-03	Hallway to BC-85
BE-05	Mechanical
BE-07	Prosthetics Storage
BE-09	Mechanical
BE-10	Mail Storage
BE-10A	Mail
BE-20	Linen Closet
BE-24	Linen Closet
BE-25	Mechanical
BE-27	Mechanical
BE-28	Southeast Loading Dock
BE-30	Supply Chain Management Storage
BE-31	Dietetics / AMMS Storage
BE-34	Pharmacy Storage
BE-35	Morgue
BE-36	Morgue Office
BE-37	Morgue Cooler
BE-38	Supply Chain Management
BE-38A	Morgue Locker
BE-38B	Morgue Toilet
BE-38C	Morgue HAC Closet
BE-40	Men's Locker
BE-40A	Shower & Toilet
BE-42	Women's Locker
BE-42A	Shower & Toilet
BE-44	Carts
BE-44A	Compactor
BE-45	North Loading Dock
BE-46	Mechanical
BE-47	Biohazard Refridgeration
BE-50	Deep Freeze
BF-97	Storage
BE-98	Building 1 Emergency Generator
BE-99	Building 1 Switchgear
CAR4	Independence Elevator 4
CAR5	Independence Elevator 5
CAR6	Elevator 6
CAR10	Patriot Elevator 10
STAIR1	Stairwell 1
STAIR2	Stairwell 2
STAIR7	Stairwell 7
STAIR20	Stairwell 20
MAINST	Corridor BC-60 to BD-80
1STSTE	Corridor BE-05 to BE-24
2NDSTE	Corridor BE-46 to BE-44
1STSTW	Corridor BB-96 to BA-72
MAINAVE	Corridor BE-50 to BB-15
3RDAVEN	Corridor BC-60 to BB-100
2NDAVENW	Corridor BB-68 to BB-50
2NDAVENE	Corridor BC-79 to BC-66
1STAVEN	Corridor BC-90 to BB-34
1STAVES	Corridor BE-28 to BE-20
2NDAVESE	Corridor STAIR4 to BD-21
2NDAVESW	Corridor BA-65 to BA-85
3RDAVES	Corridor BD-63 to BD-60C
4THAVES	Corridor BD-95 to BD-65

FIRST FLOOR ROOM LIST

Room #	Function
1A-01	Mechanical
1A-05	Telehealth
1A-05A	Exam/ Office
1A-07	Social Worker
1A-09	OD
1A-09A	Bathroom
1A-11	Women's Toilet
1A-13	Men's Toilet
1A-15	Office
1A-19	Telephone
1A-20	Waiting Area
1A-21	Reception
1A-22	Unisex Toilet
1A-23	Unisex Toilet
1A-24	Unisex Toilet
1A-25	Blood Draw
1A-26	Blood Draw
1A-27	Blood Draw
1A-28	Blood Draw
1A-30	Chemistry/ Hematology / Lab Testing
1A-30A	Storage
1A-30B	HAC
1A-30C	Open Office
1A-30D	Storage
1A-30E	Conference / Break
1A-30F	Locker
1A-30G	Toilet
1A-30H	Blood Bank
1A-30I	Hist. / Cytology
1A-30IA	Storage
1A-30J	Microbiology
1A-31	ATC Office
1A-33	Lab Manager
1A-34	Pathology
1A-35	Lab Training
1A-36	Pathology Office
1A-37	Copier
1A-38	Pathology Office
1A-39	Pathology Chief
1A-40	Mechanical
1A-41	Pathology & Lab Office
1A-50	Conference
1A-52	Electrical
1A-54	OI&T
1A-55	Administrative Office
1A-57	Privacy Officer
1A-58	Administrative Office
1A-59	Quad Suite
1A-60	Administrative Office
1A-62	Chief of Staff Administrative Officer
1A-63	Work / Copier
1A-64	Chief of Staff Office
1A-66	AD Patient Care Office
1A-67A	Kitchen
1A-68	ADOR Office
1A-69	VAHCS Director
1A-69A	Toilet
1A-70	Storage & Mechanical
STAIR9	Stairwell 9
STAIR10	Stairwell 10
STAIR13	Stairwell 13
STAIR13	Stairwell 13
1B-24	IRM
1B-25	Radiology Reception
1B-26	Radiology Waiting
1B-27A	Electrical
1B-27B	HAC Closet
1B-29	Computed Tomography Scanner
1B-29A	Control
1B-29B	Equipment
1B-30	Computed Tomography Scanner
1B-30A	Toilet
1B-31	Chest X-Ray
1B-31A	Toilet
1B-32	Storage
1B-33	Control
1B-34	Radiographic Fluoroscopic
1B-35	Radiographic
1B-35A	Toilet
1B-36	Control
1B-37	Radiographic
1B-37A	Toilet
1B-38	Dexascan
1B-39	Conference / Break
1B-41	PACS Admin
1B-42	HAC Closet
1B-44	Secretary Office
1B-45	Women's Locker
1B-45A	Toilet
1B-47	Men's Locker
1B-47A	Toilet
1B-48	Radiologist
1B-50	Radiologist
1B-52	Imaging Chief
1B-54	Radiologist
1B-55	Electrical
1B-60	Nuclear Medicine Exam

Room #	Function
1B-61	Toilet & Changing Area
1B-62	Nuclear Medicine Exam
1B-63	MRI Control
1B-64	Hot Lab
1B-65	OI&T TR
1B-66	MRI
1B-67	MRI Equipment
1B-68	Toilet & Changing Area
1B-69	Nuclear Medicine Office
1B-70	Stress Testing
1B-71	Ultrasound
1B-71A	Toilet
1B-72	Storage
1B-73	Closet
1B-74	Ultrasound
1B-75	Waiting
1B-77	Mechanical / Electrical
1B-78	Vascular Lab
1B-79	Recovery
1B-79A	Patient Intake
1B-80	Interventional Radiology
1B-80A	Equipment
1B-80B	Interventional Radiology Control
1B-80C	Soiled Utility
1B-80D	Storage
1B-81	Scrubs
1B-82	Storage
1B-90	Outpatient Pharmacy
1B-90A	HAC Closet
1B-90B	Office Supplies
1B-90C	Vault
1B-90D	Pharmacy Consultation
1B-90E	Pharmacy Office
1B-90F	Receiving / HD Storage
1B-99	Mechanical
1B-100	Nurse Station
1B-100A	Medicines
1B-101	Triage
1B-102	Exam
1B-103	Mental Health Exam
1B-104	Isolation
1B-106	Exam
1B-107	Women's Health
1B-107A	Toilet
1B-108	Toilet
1B-109	Equipment Storage
1B-110	Linen
1B-112	Toilet
1B-113	On Call
1B-114	Staff Lounge
1B-115	Physician Office
1B-116	Decontamination
1B-120	Ambulance Drop Off
1B-121A	Electrical
1B-121B	IRM
1B-122	Soiled Utility
1B-123	HAC Closet
1B-125	Exam
1B-126	Exam
1B-127	Exam
1B-128	Exam
CAR1	Liberty Elevator 1
CAR2	Liberty Elevator 2
CAR3	Liberty Elevator 3
STAIR14	Stairwell 14
STAIR15	Stairwell 15
1C-01	Comp/Pen Exam
1C-02	Comp/Pen Exam
1C-03	Comp/Pen Exam
1C-04	Police Station
1C-05	Unisex Restroom
1C-06	HAC Closet
1C-07	Comp/Pen Exam
1C-08	Comp/Pen Exam
1C-09	Unisex Restroom
1C-10	Comp/Pen Exam
1C-11	Comp/Pen Exam
1C-12	Comp/Pen Exam
1C-13	Comp/Pen Exam
1C-14	Comp/Pen Exam
1C-14A	Storage
1C-15	Comp/Pen Exam
1C-16	Comp/Pen Procedure
1C-17	RN Office
1C-18	RN Office
1C-19	Comp/Pen Exam
1C-20	Soiled Utility
1C-21	RN Office
1C-22	Patient Intake
1C-23	Nurse Station
1C-23A	Medicines
1C-24	Blue Desk
1C-25	Waiting Area
1C-26	Patient Intake
1C-29	Electrical
1C-30	Mechanical
1C-31	Nurse Locker
1C-32	Waiting Area
1C-33	Men's Toilet

Room #	Function
1C-34	Women's Toilet
1C-35	Reception
1C-35A	Telephone Operator
1C-35B	Work Area
1C-35C	Work Area
1C-35D	Agent Cashier
1C-35E	Travel
1C-35F	Staff
1C-35FA	Staff Toilet
1C-36	Lobby & Waiting
1C-38	Wheelchair Storage
1C-39	Coffee?
1C-40	Patient Advocate
1C-41	Release of Information
1C-42	Police Station
1C-70	Oncology
1C-70A	Clean Utility
1C-70B	Procedure
1C-70C	Toilet
1C-70D	Storage
1C-81	Toilet
1C-82	HAC Closet
1C-83	Electrical
1C-84	Toilet
1C-85	Patriot Brew
1C-85A	Coffee Prep Area
1C-85B	Coffee Storage
1C-86	Call Center
1C-88	Display
1C-89	Waiting Area
1C-90	Business Office
1C-91	Business Office
1C-92	Business Office
1C-93	Business Office
1C-94	Business Office
1C-95	Business Office
1C-96	Business Office
1C-97	Business Office
1C-98	Business Office
1C-99	OI&T
1C-100	Vestibule Entrance
1C-101	Vestibule (N); Patient Intake
1C-102	Patient Intake
1C-103	Patient Intake
1C-104	Patient Intake
1C-105	Medicines
1C-106	Clean Utility
1C-107	Pharmacist
1C-108	Soiled Utility
1C-109	Exam
1C-110	Exam
1C-111	Exam
1C-112	Exam
1C-113	Exam
1C-114	Procedure
1C-115	Exam
1C-116	Exam
1C-117	Exam
1C-118	Patient Intake
1C-119	Patient Intake
1C-120	Nurse Station
1C-120A	
1C-121	Exam
1C-123	Reception
1C-125	Waiting Area
CAR7	Victory Elevator 7
CAR8	Victory Elevator 8
STAIR3	Stairwell 3
1D-01	Electrical
1D-02	Telephone
1D-03	Storage
1D-05	Reception
1D-06	Diabetic Exam
1D-08	Toilet
1D-09	Neurology Exam
1D-10	Neurology Exam
1D-11	Nurse Station
1D-12	Medicines
1D-13	Neurology Exam
1D-14	Neurology Exam
1D-15	Neurology Exam
1D-16	Mechanical
1D-17	Toilet
1D-18	Endoscopy Exam
1D-19	Liver Exam
1D-20	Break
1D-22	HAC Closet
1D-23	Soiled Utility
1D-24	Rheumatic Procedure
1D-25	Rheumatic Exam
1D-26	Rheumatic Exam
1D-27	Clean Utility
1D-28	Rheumatic Exam
1D-29	Rheumatic Exam
1D-30	Neurology Exam
1D-31	Neurology Exam
1D-32	Pharmacy Exam
1D-33	Mental Health Exam
1D-34	Work

Room #	Function
1D-35	Waiting Area
1D-36	Bariatric Toilet
1D-37	Bariatric Toilet
1D-38	Nutritionist
1D-39	Outpatient Nurse
1D-40	Reception
1D-41	Waiting Area
1D-42	Group Education / Conference
1D-43	Group Education / Conference
1D-44	HAC Closet
1D-45	Storage
1D-46	Toilet
1D-47	Toilet
1D-50	Nurse Station & PACT Area
1D-51	Exam
1D-52	Exam
1D-53	Exam
1D-54	Exam
1D-55	Exam
1D-55A	Toilet
1D-56	Linen
1D-57	Soiled Utility
1D-58	Clean Utility
1D-59	Exam
1D-60	Exam
1D-61	Exam
1D-62	Exam
1D-63	Exam
1D-64	Waiting Area
1D-64A	OI&T
1D-64B	Electrical
1D-65	Nurse Station & PACT Area
1D-66	Exam
1D-67	Exam
1D-68	Exam
1D-69	Exam
1D-70	Procedure
1D-71	Toilet
1D-72	Linen
1D-73	Soiled Utility
1D-74	Clean Utility
1D-75	Bariatric Exam
1D-76	Exam
1D-77	Exam
1D-78	Exam
1D-79	Exam
1D-80	Nurse Station & PACT Area
1D-81	Exam
1D-82	Exam
1D-83	Exam
1D-84	Exam
1D-85	Exam
1D-95	Nurse Station & PACT Area
1D-96	Exam
1D-97	Exam
1D-98	Exam
1D-99	Exam
1D-100	Clean Utility
1D-101	Bariatric Exam
1D-102	Exam
1D-103	Soiled Utility
1D-104	Exam
1D-108	Office
1D-109	Toilet
1D-110	Office
1D-112	Office
1D-113	Linen
1D-115	Toilet
1D-116	Work
1D-117	Toilet
1D-118	Office
1D-120	Pharmacist Consult
1D-121	Copier
1D-122	Office
1D-123	Toilet
1D-124	Work
1D-126	Social Worker Consult
1D-127	Locker
1D-127A	Toilet
1D-127B	Toilet
1D-128	Locker
1D-129	Conference
1D-130	Staff Break
1D-131	HAC Closet
1D-132	Social Worker Consult
1D-133	PACT Social Workers
1D-134	Medicines
1D-135	Operation
1D-136	Office
1D-137	Operation
1D-138	Operation
1D-139	Operation
1D-140	Soiled Utility
1D-141	Supply Storage
1D-142	Operation
1D-143	Equipment
1D-144	Dental Surgery
1D-145	Operation
1D-146	Operation
1D-147	Special Needs

Room #	Function
1D-148	Operation
1D-149	Special Needs
1D-150	Operation
1D-151	Special Needs
1D-152	Operation
1D-153	Dental Lab
1D-154	Dental X-Ray
1D-155	Chief Office
1D-156	Office
1D-157	Eligibility Office
1D-158	IRM
1D-159	Waiting Area
1D-160	Reception
CAR12	Elevator 12
STAIR4	Stairwell 4
STAIR22	Stairwell 22
1E-01	Waiting Area
1E-05	Reception
1E-05A	Storage
1E-06	Prosthetics Assistant Chief
1E-07	Prosthetics Exam
1E-08	Prosthetics Exam
1E-09	PMRS Therapy Supervisor
1E-10	Prosthetics Chief
1E-11	Prosthetics Lab
1E-15	Purchasing Agent Office
1E-20	Prosthetics Storage
1E-25	Inpatient Therapy
1E-25A	Orthotic Therapy Office
1E-25B	Prosthetic Therapy Office
1E-26	Cognitive Splint
1E-27	Wheelchair Work
1E-28	ADL Evaluation
1E-28A	Toilet
1E-30	Outpatient Therapy
1E-30A	Outpatient Office
1E-31	Private Treatment
1E-32	Private Treatment
1E-33	Private Treatment
1E-34	Storage
1E-35	Break
1E-36	Electrical
1E-37	Staff Toilet
1E-38	Patient Toilet
1E-39	Speech Exam Office
1E-40	Recreational Therapy
CAR4	Independence Elevator 4
CAR5	Independence Elevator 5
CAR6	Elevator 6
CAR10	Patriot Elevator 10
STAIR1	Stairwell 1
STAIR2	Stairwell 2
STAIR7	Stairwell 7
STAIR20	Stairwell 20
MAINST	Corridor 1C-36 to 1D-40
1STSTNE	Corridor 1C-70 to 1C-111
2NDSTE	
1STSTW	
MAINAVE	Corridor 1E-25 to EXIT 16
3RDAVEN	
2NDAVENW	
2NDAVENE	
1STAVEN	
1STAVES	
2NDAVESE	
2NDAVESW	
3RDAVES	
4THAVES	

GENERAL NOTE

THE ROOM LIST ON THIS SHEET IS BEING PROVIDED AS SUPPLEMENTAL INFORMATION TO THE FIRE ALARM PLANS. MATCHING THE ROOM NUMBERS SHOWN ON THE FLOOR PLANS WITH THE DESCRIPTIONS IN THE ROOM LIST WILL PROVIDE INFORMATION NECESSARY FOR THE CONTRACTOR TO PREPARE A FULL DEFERRED SUBMITTAL FOR THE PROJECT.

ROOM LIST WAS CREATED BASED ON INFORMATION PROVIDED BY VA DURING DESIGN AND HAS NOT BEEN VERIFIED FOR ACCURACY. IT IS THE RESPONSIBILITY OF CONTRACTOR TO VERIFY ROOM USAGE AND REPORT ANY DISCREPANCIES TO THE A/E AT THE TIME OF PROJECT CONSTRUCTION STARTING.

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

MONTANA RAYMOND E. JONES No. 19020PE PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title: MAIN HOSPITAL ROOM LIST BASEMENT AND 1ST FLOORS

Phase: CONSTRUCTION DOCUMENTS

Project Title: FARGO REPLACE FIRE ALARM SYSTEM

Project Number: 437-23-105

Building Number: 1,9,46

Approved: Project Director: TODD DALZELL

FULLY SPRINKLERED

Location: 2101 ELM STREET, FARGO, ND 58102

Issue Date: 06/12/2025

Checked: WEW

Drawn: JMS

Drawing Number: G-303

Dwg. 8 of 91

11/15/2022 11:30:03 AM

File Path

VA FORM 08 - 6231

FIRST FLOOR ROOM LIST

Room #	Function	Room #	Function	Room #	Function	Room #	Function	Room #	Function
1A-01	Mechanical	2A-01	Mechanical	2B-71	Exam	2C-80	Storage	2D-77	HAC Closet
1A-05	Telehealth	2A-03	CLC Office	2B-72	Exam	2C-82	Office	2D-78	Bed
1A-05A	Exam/ Office	2A-05	CLC Office	2B-73	Exam	2C-82A	Toilet	2D-78A	Toilet
1A-07	Social Worker	2A-05A	CLC Office	2B-74	Exam	2C-83	Office	2D-79	Bed
1A-09	OD	2A-07	CLC Office	2B-75	Exam	2C-84	Office	2D-79A	Toilet
1A-09A	Bathroom	2A-09	Surgical Conference	2B-76	Exam	2C-85	Office	2D-80	Bed
1A-11	Women's Toilet	2A-13	On Call	2B-77	Procedure / Exam	2C-85A	Toilet	2D-80A	Toilet
1A-13	Men's Toilet	2A-13A	Toilet	2B-78	Exam	2C-86	Exam	2D-82	Bed
1A-15	Office	2A-19	Mechanical / Electrical	2B-79	Patient Intake	2C-86A	Toilet	2D-82A	Toilet
1A-19	Telephone	2A-22	Surg Res	2B-80	Clean Utility	2C-87	PSA Coach / Prom	2D-84	Clean Utility
1A-20	Waiting Area	2A-22A	Surg Res	2B-82	Patient Intake	2C-87A	Toilet	2D-85	Nurse Station
1A-21	Reception	2A-24	OI&T	2B-83	Patient Intake	2C-88	WH Waiting	2D-85A	Medicines
1A-22	Unisex Toilet	2A-25	Volunteer Service	2B-84	Exam	2C-89	Office WH Chief	2D-86	Soiled Utility
1A-23	Unisex Toilet	2A-26	Prep Center	2B-85	Soiled Utility	2C-90	Supply	2D-88	Bed
1A-24	Unisex Toilet	2A-28	Scheduling	2B-86	Nurse Station	2C-91	Telephone	2D-88A	Toilet
1A-25	Blood Draw	2A-29	EMS Work & Storage	2B-86A	Staff Toilet	2C-93	Telephone	2D-89	Therapy Bath
1A-26	Blood Draw	2A-30	Inventory Management	2B-86B	Medicines	CAR7	Victory Elevator 7	2D-90	Bed
1A-27	Blood Draw	2A-32	OR Nurse Manager	2B-87	Mechanical / Electrical	CAR8	Victory Elevator 8	2D-90A	Toilet
1A-28	Blood Draw	2A-34	Surgical Services	2B-88	Outpatient Reception	STAIR3	Stairwell 3	2D-91	Kitchen
1A-30	Chemistry/ Hematology / Lab Testing	2A-38	Surgical Services	2B-89	Ambulatory Surgery Reception	2D-10	Nurse Station	2D-95	Nurse Station
1A-30A	Storage	2A-40	Mechanical	2B-90	Waiting Area	2D-11	Escort	2D-98	Bed
1A-30B	HAC	2A-42	Surgical Services Admin	2B-95	Waiting Area	2D-11A	Toilet	2D-98A	Toilet
1A-30C	Open Office	2A-43	Surgical Services	CAR1	Liberty Elevator 1	2D-13	Telehealth Storage	2D-99	Bed
1A-30D	Storage	2A-45	Surgical Services	CAR2	Liberty Elevator 2	2D-14	Equipment Storage	2D-99A	Toilet
1A-30E	Conference / Break	2A-46	Surgical Admin	CAR3	Liberty Elevator 3	2D-14A	Toilet	2D-100	Bed
1A-30F	Locker	2A-47	Acos SSC/ SL	STAIR14	Stairwell 14	2D-15	CLC Beds	2D-100A	Toilet
1A-30G	Toilet	2A-48	Clinical Social Imp	STAIR15	Stairwell 15	2D-15A	Toilet	2D-101	Bed
1A-30H	Blood Bank	2A-50	Medical Record Coding Trans	2C-01	Waiting Area	2D-16	EMS / Storage	2D-101A	Toilet
1A-30I	Hist. / Cytology	2A-51	Mechanical / Electrical	2C-05	Reception	2D-17	CLC Beds	2D-102	Bed
1A-30IA	Storage	2A-52	Decedent Affairs Scanning	2C-06	Exam	2D-18	OI&T	2D-102A	Toilet
1A-30J	Microbiology	2A-56	Break	2C-06A	Toilet	2D-20	Soiled Utility	2D-103	Bed
1A-31	ATC Office	2A-57	Surgery Office	2C-07	Procedure	2D-21	Therapy Bath	2D-103A	Toilet
1A-33	Lab Manager	2A-58	Surgery Office	2C-08	Toilet	2D-22	Bed	2D-105	Dining
1A-34	Pathology	2A-60	Toilet	2C-10	Cystoscopic Surgery	2D-22A	Toilet	2D-105A	Electrical
1A-35	Lab Training	2A-61	Women's Locker	2C-11	Procedure	2D-23	Bed	2D-110	Activity
1A-36	Pathology Office	2A-62	Surgery Office	2C-12	Exam	2D-24	Bed	2D-110A	OI&T
1A-37	Copier	2A-64	Surgery Office	2C-14	Sterile Supplies	2D-24A	Toilet	2D-110B	Toilet
1A-38	Pathology Office	2A-65	Men's Locker	2C-15	Procedure	2D-25	Nurse Station	CAR12	Elevator 12
1A-39	Pathology Chief	2A-66	Chief Anesthesiology	2C-17	Soiled Utility	2D-25A	Toilet	STAIR4	Stairwell 4
1A-40	Mechanical	2A-70	Storage	2C-18	Clean Storage	2D-26	Bed	STAIR22	Stairwell 22
1A-41	Pathology & Lab Office	STAIR9	Stairwell 9	2C-19	Medicines	2D-26A	Toilet	2E-07	Unit Manager
1A-50	Conference	STAIR10	Stairwell 10	2C-19A	Cryo	2D-28	Bed	2E-08	Toilet
1A-52	Electrical	STAIR13	Stairwell 13	2C-20	Nurse Manager	2D-28A	Toilet	2E-10	Whole Health Group
1A-54	OI&T	2B-03	Soiled Utility	2C-21	Men's Locker	2D-30	Bed	2E-11	Break
1A-55	Administrative Office	2B-04	Bronchoscopy	2C-21A	Men's Toilet	2D-30A	Toilet	2E-12	Clinical Dietitian Office
1A-57	Privacy Officer	2B-05	Clean Utility	2C-23	Women's Locker	2D-31	Bed	2E-13	Sec N&FS
1A-58	Administrative Office	2B-06	Medicines	2C-23A	Women's Toilet	2D-31A	Toilet	2E-13A	Chief N&FS
1A-59	Quad Suite	2B-08	Office	2C-25	Electrical	2D-33	HAC Closet	2E-14	Clinical Dietitian Office
1A-60	Administrative Office	2B-09	Toilet	2C-26	Break / Conference	2D-34	Bed	2E-15	Storage
1A-62	Chief of Staff Administrative Officer	2B-10	PACU In-Patient Recovery	2C-27	Debrief / Conference	2D-34A	Toilet	2E-16	Storage
1A-63	Work / Copier	2B-13	HAC Closet	2C-28	Simulation Storage	2D-36	Bed	2E-20	Dietitian Exam
1A-64	Chief of Staff Office	2B-14	Nurse Manager	2C-29	Simulation	2D-36A	Toilet	2E-25	Whole Health Wellness Center
1A-66	AD Patient Care Office	2B-15	Consultant	2C-30	Control	2D-37	Bed	2E-26	Move Program Office
1A-67A	Kitchen	2B-22	Nurse Station	2C-31	Scheduling	2D-37A	Toilet	2E-38	Copier
1A-68	ADOR Office	2B-25	Ambulatory Surgery Recovery	2C-32	Prep Center	2D-39	Bed	2E-38A	N&FS Move Class
1A-69	VAHCS Director	2B-26	Patient Intake	2C-33	IRM	2D-39A	Toilet	2E-40	Tray Assembly
1A-69A	Toilet	2B-27	Patient Intake	2C-36	Men's Toilet	2D-40	Bed	2E-41	Mechanical
1A-70	Storage & Mechanical	2B-28	Staff Toilet	2C-37	OI&T	2D-40A	Toilet	2E-42	Dishwasher Area
STAIR9	Stairwell 9	2B-29	Soiled Utility	2C-38	Telephone	2D-41	Laundry	2E-43	Dietitian Office
STAIR10	Stairwell 10	2B-31	Toilet	2C-39	Women's Toilet	2D-42	Bed	2E-44	Supervisor Office
STAIR13	Stairwell 13	2B-32	Electrical	2C-40	Equipment Storage	2D-42A	Toilet	2E-45	Supervisor Office
STAIR13	Stairwell 13	2B-34	Patient Toilet	2C-40A	GI Storage	2D-43	Linen	2E-46	Dietitian Office
1B-24	IRM	2B-35	Patient Intake	2C-41	GI Intake	2D-44	Bed	2E-47	Dairy Ref
1B-25	Radiology Reception	2B-37	Patient Intake	2C-41A	Toilet	2D-44A	Toilet	2E-48	Vegetable Ref
1B-26	Radiology Waiting	2B-39	Patient Intake	2C-42	Patient Intake	2D-45	Bed	2E-49	Pot Wash
1B-27A	Electrical	2B-40	Patient Intake	2C-43	Procedure	2D-45A	Toilet	2E-50	Cooking Center
1B-27B	HAC Closet	2B-42	Electrical	2C-44	Procedure	2D-46	Bed	2E-51	Cook Ref
1B-29	Computed Tomography Scanner	2B-44	Anesthesia Office	2C-45	Endoscopy Clinic	2D-46A	Toilet	2E-52	HAC Closet
1B-29A	Control	2B-44A	Anesthesia Lounge	2C-46	Pre-Op	2D-48	Soiled Utility	2E-53	Mechanical & Storage
1B-29B	Equipment	2B-45	Operating	2C-47	Endoscopy Procedures	2D-49	Bed	CAR4	Independence Elevator 4
1B-30	Computed Tomography Scanner	2B-45A	Sub Sterilization	2C-48	Toilet	2D-49A	Toilet	CAR5	Independence Elevator 5
1B-30A	Toilet	2B-45B	Storage	2C-49	Clean Utility	2D-50	Clean Utility	CAR6	Elevator 6
1B-31	Chest X-Ray	2B-46	Anesthesia Work	2C-50	Storage	2D-52	Library	STAIR1	Stairwell 1
1B-31A	Toilet	2B-47	Operating	2C-51	SPS	2D-55	Nurse Station	STAIR2	Stairwell 2
1B-32	Storage	2B-48	Clean Equipment	2C-52	Soiled Utility	2D-55A	Medicines	STAIR7	Stairwell 7
1B-33	Control	2B-49	Operating	2C-55	Recovery	2D-55B	Toilet	STAIR20	Stairwell 20
1B-34	Radiographic Fluoroscopic	2B-49A	Sub Sterilization	2C-55A	Toilet	2D-56	Bed	MAINST	Corridor 2C-74 to 2D-52
1B-35	Radiographic	2B-50	Clean Core	2C-56	Nurse Manager	2D-56A	Toilet	1STSTSE	Corridor 2D-82 to 2D-64
1B-35A	Toilet	2B-51	Operating	2C-57	Medicines	2D-57	Storage	1STSTSW	Corridor 2D-26 to STAIR22
1B-36	Control	2B-51A	Control	2C-58	Break	2D-59	Bed	1STSTSW	Corridor 2D-26 to STAIR22
1B-37	Radiographic	2B-53	Clean Storage	2C-58A	Staff Toilet	2D-59A	Toilet	1STSTNW	Corridor 2C-01 to 2A-03
1B-37A	Toilet	2B-54	Surgery Lounge	2C-59	HAC Closet	2D-60	Bed	2NDSTW	Corridor CAR7 to 2A-09
1B-38	Dexascan	2B-55	Operating	2C-60	Waiting Area	2D-60A	Toilet	3RDSTW	Corridor 2B-28 to 2A-52
1B-39	Conference / Break	2B-55A	Control	2C-61	GI / Endoscopy Reception	2D-61	Storage	4THSTW	Corridor 2B-64 to 2B-58
1B-41	PACS Admin	2B-55B	Storage	2C-63	Gas Storage	2D-62	Bed	5THSTW	Corridor 2B-40 to 2A-64
1B-42	HAC Closet	2B-56	Soiled Holding	2C-70	Office	2D-62A	Toilet	MAINAVE	Corridor 2E-40 to 2A-22
1B-44	Secretary Office	2B-58	HAC Closet	2C-71	Office	2D-64	Family	1STAVESE	Corridor STAIR4 to 2D-28
1B-45	Women's Locker	2B-60	Patient Access Core	2C-71A	Toilet	2D-66	Bed	1STAVESW	Corridor 2A-40 to STAIR13
1B-45A	Toilet	2B-61	Equipment Closet	2C-72	Office	2D-66A	Toilet	2NDAVES	Corridor 2D-66 to STAIR22
1B-47	Men's Locker	2B-63	Dictation	2C-73	Linen	2D-67	Linen	1STAVEN	Corridor 2B-10 to 2B-60
1B-47A	Toilet	2B-64	Equipment Closet	2C-74	Exam	2D-69	Laundry	2NDAVEN	Corridor 2C-05 to 2B-40
1B-48	Radiologist	2B-65	Conference	2C-74A	Toilet	2D-71	Bed	3RDAVEN	Corridor STAIR7 to STAIR14
1B-50	Radiologist	2B-66	Exam	2C-75	Bath	2D-71A	Toilet	4THAVEN	Corridor 2C-58 to 2C-42
1B-52	Imaging Chief	2B-67	Exam	2C-76	Soiled Linen	2D-72	Bed		
1B-54	Radiologist	2B-68	Exam	2C-77	HAC Closet	2D-72A	Toilet		
1B-55	Electrical	2B-69	Exam	2C-78	Unisex Locker	2D-73	Bed		
1B-60	Nuclear Medicine Exam	2B-70	Exam	2C-78A	Toilet	2D-73A	Toilet		
				2C-79	Women's Locker	2D-74	Bed		
				2C-79A	Toilet	2D-74A	Toilet		

THIRD FLOOR ROOM LIST

Room #	Function	Room #	Function	Room #	Function
3A-01	Mechanical	3B-52	Patient Room	3D-04A	Storage Closet
3A-03	Office - Intake	3B-52A	Patient restroom	3D-08	Storage Closet
3A-05	SPS Storage	3B-54	Patient Room	3D-10	TR Closet
3A-07	Office - Pulm EQ	3B-54A	Patient restroom	3D-12	Office
3A-09	Lab - Omni	3B-55	Nurses Station	3D-13	Office
3A-09A	Office	3B-56	Soiled	3D-14	Office
3A-11	Exam	3B-62	Office	3D-15	Office
3A-13	Office - Home O2	3B-64	EMS	3D-16	Office
3A-15	Office - Pulm Rec	3B-72	Office	3D-17	Office
3A-17	Work Room	3B-73	Sacristy	3D-19	Office
3A-17A	Break Room	3B-74	Equipment	3D-20	Office
3A-19	Mech./Elec. Chase	CAR1	Liberty Elevator 1	3D-21	Office
3A-20	Office	CAR2	Liberty Elevator 2	3D-22	Office
3A-22	Patient Room	CAR3	Liberty Elevator 3	3D-23	Office
3A-22A	Patient restroom	STAIR14	Stairwell 14	3D-24	Office
3A-23	Staff Breakroom	STAIR15	Stairwell 15	3D-28	Storage Closet
3A-24	Patient Room	Room #	Function	3D-30	Storage Closet
3A-24A	Patient restroom	3C-01	Office	3D-34	Office
3A-25	Restroom	3C-03	Storage	3D-35	Office
3A-27	Office	3C-04	Office	3D-36	Office
3A-28	Patient Room	3C-04A	Office	3D-37	Office
3A-28A	Patient restroom	3C-04B	Office	3D-38	Office
3A-29	Conference Room	3C-05	EMS HAC	3D-40	Staffloungc
3A-31	EMS - HAC	3C-07	Restroom	3D-41	EMS
3A-32	Patient Room	3C-09	Storage	3D-43	Restroom
3A-32A	Patient restroom	3C-10	Chapel	3D-44	Office
3A-33	Clean Storage	3C-12	Office	3D-45	Office
3A-35	Meds	3C-13	Office	3D-46	Office
3A-37	Nourishment	3C-14	Office - Chaplain	3D-47	Office
3A-37A	Elec. Closet	3C-14A	Closet	3D-48	Office
3A-40	Mechanical	3C-15	Office	3D-49	Office
3A-40A	Storage	3C-16	Exam - Echo/Stress	3D-60	Mechanical
3A-42	Patient Room	3C-17	EKG	STAIR4	Stairwell 4
3A-42A	Patient restroom	3C-20	Office - Intake	STAIR22	Stairwell 22
3A-43	Patient Room	3C-21	Office - Cardio	Room #	Function
3A-43A	Patient restroom	3C-22	Office - Cardio	3E-01	Storage
3A-46	Patient Room	3C-23	Office - Intake	3E-02	Office
3A-46A	Patient restroom	3C-24	Office - Intake	3E-03	Storage
3A-47	Office	3C-25	Waiting room	3E-05	Office
3A-48	Patient Room	3C-26	Breakroom	3E-06	Storage
3A-48A	Patient restroom	3C-28	Exam - Echo/Cardio	3E-07	Office
3A-50	Soiled	3C-29	Office - Cardio	3E-08	Mechanical
3A-51	Mech./Elec. Chase	3C-30	Office - Cardio	3E-15	Auditorium
3A-52	Patient Room	3C-37	Office - Cardio	3F-15A	Storage
3A-52A	Patient restroom	3C-34	Mech. Chase	3E-15B	Storage
3A-55	Nurses Station	3C-37	Waiting room	3E-24	Storage
3A-56	Patient Room	3C-38	Electrical closet	3E-25	Training/Conference
3A-56A	Patient restroom	3C-40	Office - Chapel Recep.	3E-30	Training/Conferenco
3A-57	Patient Room	3C-40A	Office - Chaplain	3E-32	Training/Conferenco
3A-57A	Patient restroom	3C-40B	Office - Chief Chaplain	3E-35	Kitchen ?
3A-58	Patient Room	3C-41	Waiting room	3E-36	AFGE Office
3A-58A	Patient restroom	3C-42	Clean Storage	3E-38	AFGE Office
3A-59	Patient Room	3C-43	Staff Report/breakroom	3E-40	AFGE Office
3A-59A	Patient restroom	3C-44	Soiled	3E-45	Mechanical
3A-60	Patient Room	3C-45	OI&T Office	CAR4	Independence Elevator 4
3A-60A	Patient restroom	3C-48	Storage Closet	CAR5	Indcpendence Elevator 5
3A-61	Patient Room	3C-50	ICU Suite	CAR6	Elevator 6
3A-61A	Patient restroom	3C-50A	ICU Nurses Station	CAR10	Elevator 10
3A-65	Clean Equip	3C-51	ICU Patient Room	STAIR1	Stairwell 1
STAIR9	Stairwell 9	3C-52	ICU Patient Room	STAIR2	Stairwell 2
STAIR10	Stairwell 10	3C-52A	Ante Room	STAIR7	Stairwell 7
STAIR13	Stairwell 13	3C-53	ICU Patient Room	STAIR20	Stairwell 20
Room #	Function	3C-54	ICU Patient Room	Room #	Function
3B-02	Restroom	3C-55	ICU Patient Room	Main St N	Corridor 3C-96 to 3C-77
3B-06	Office	3C-56	Restroom	Main St S	Corridor 3D-08 to 3D-30
3B-06A	Restroom	3C-58	OI&T Office	1st St W	Corridor 3C-38 to 3C-44
3B-08	Office	3C-60	Dialysis Equip. room	2nd St W	Corridor 3C-01 to 3C-09
3B-10	Office	3C-65	Dialysis Suite	3rd St SW	Corridor 3A-22 to 3A-55
3B-12	Pulm Lab	3C-65a	Dialysis Nurses Station	3rd St NW	Corridor 3B-22 to 3B-55
3B-16	Pulm Lab	3C-66	Dialysis Bed 1	Main Ave E	Corridor 3C-97 to 3E-08
3B-22	Patient Room	3C-67	Dialysis Bed 2	Main Ave W	Corridor 3D-04 to 3A-20
3B-22A	Patient restroom	3C-68	Dialysis Bed 3	1st Ave N	Corridor 3C-12 to 3C-32
3B-23	TR Closet	3C-69	Dialysis Bed 4	2nd Ave N	Corridor 3C-77 to West
3B-26	Patient Room	3C-70	Dialysis Bed 5	3rd Ave N	ICU Corridor 3B-72 to 3C-50
3B-26A	Patient restroom	3C-71	Dialysis Iso. Room	3rd Ave NW	Corridor 3B-45 to 3B-64
3B-27	Charting	3C-73	Soiled	1st Ave SE	Corridor 3D-37 to Stair #4
3B-28	Patient Room	3C-74	Clean Storage	1st Ave SW	Corridor 3A-65 to 3A-40
3B-28A	Patient restroom	3C-75	Equip. storage	3F CORR.	Corridor 3F-30 to 3F-45
3B-29	Office	3C-76	Restroom	Vic El. CORR.	Corridor 3C-40 to 3C-50 ICU
3B-31	EMS - HAC	3C-77	Staff breakroom		
3B-33	Clean Storage	3C-79	Repair/work room		
3B-34	Patient Room	3C-80	Office - Spec. Purpose		
3B-34A	Patient restroom	3C-80A	Restroom		
3B-35	Restroom	3C-88	Patient - Sleep Study		
3B-37	Meds	3C-88A	Patient Restroom		
3B-39	Nourishment	3C-89	Patient - Sleep Study		
3B-39A	Elec. Closet	3C-89A	Patient Restroom		
3B-45	Clean Equip	3C-90	Locker room		
3B-47	Patient Room	3C-90B	Restroom		
3B-47A	Patient restroom	3C-91	Patient - Sleep Study		
3B-48	Patient Room	3C-91A	Patient Restroom		
3B-48A	Patient restroom	3C-93	Electrical closet		
3B-49	Patient Room	3C-96	TR Closet		
3B-49A	Patient restroom	3C-97	Tele. closet		
3B-50	Patient Room	3C-98	Tele. closet		
3B-50A	Patient restroom	CAR7	Victory Elevator 7		
3B-51	Patient Room	CAR8	Victory Elevator 8		
3B-51A	Patient restroom	STAIR3	Stairwell 3		
		Room #	Function		
		3D-04	Storage Closet		

GENERAL NOTE

THE ROOM LIST ON THIS SHEET IS BEING PROVIDED AS SUPPLEMENTAL INFORMATION TO THE FIRE ALARM PLANS. MATCHING THE ROOM NUMBERS SHOWN ON THE FLOOR PLANS WITH THE DESCRIPTIONS IN THE ROOM LIST WILL PROVIDE INFORMATION NECESSARY FOR THE CONTRACTOR TO PREPARE A FULL DEFERRED SUBMITTAL FOR THE PROJECT.

ROOM LIST WAS CREATED BASED ON INFORMATION PROVIDED BY VA DURING DESIGN AND HAS NOT BEEN VERIFIED FOR ACCURACY. IT IS THE RESPONSIBILITY OF CONTRACTOR TO VERIFY ROOM USAGE AND REPORT ANY DISCREPANCIES TO THE A/E AT THE TIME OF PROJECT CONSTRUCTION STARTING.

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

MONTANA RAYMOND E. EWERS No. 9802PE PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	MAIN HOSPITAL ROOM LIST 2ND AND 3RD FLOORS
Phase	CONSTRUCTION DOCUMENTS
Project Title	FARGO REPLACE FIRE ALARM SYSTEM
Project Number	437-23-105
Building Number	1,9,46
Approved: Project Director	TODD DALZELL
	FULLY SPRINKLERED
Location	2101 ELM STREET, FARGO, ND 58102
Issue Date	06/12/2025
Checked	WEW
Drawn	JMS
Drawing Number	G-304
	Dwg. 9 of 91

11/15/2022 11:30:03 AM

File Path

VA FORM 08 - 6231

FOURTH FLOOR ROOM LIST

Room #	Function
4A-01	Office
4A-03	Office
4A-05	Womens Restroom
4A-07	Mens Restroom
4A-16	TR Closet
4A-17	EMS - HAC
4A-19	M&E Chase
4A-20	Conference Room
4A-22	Office
4A-23	Conference Room
4A-23A	Men
4A-24	Office
4A-26	Office
4A-27	Office
4A-28	Office
4A-29	Office
4A-30	Office
4A-31	Office
4A-32	Office
4A-33	Office
4A-34	Office
4A-35	Office
4A-36	Testing?
4A-38	EMS - HAC
4A-40	Mechanical
4A-42	Office
4A-43	Office
4A-44	Office
4A-45	Office
4A-46	Office
4A-47	Office
4A-48	Office
4A-50	HCHV
4A-51?	M&E Chase
4A-51?	Restroom
4A-52	C&P
4A-54	Break room
4A-55	Off - S.W.
4A-56	Office
4A-57	Off - S.W.
4A-58	Off - S.W.
4A-59	Off - S.W.
4A-60	Office
4A-61	Off - S.W.
4A-62	Off - S.W.
4A-63	Off - S.W.
4A-64	Copier
4A-67	Office
4A-68	Off - S.W.
4A-70	Storage
STAIR9	Stairwell 9
STAIR10	Stairwell 10
STAIR13	Stairwell 13

Room #	Function
4B-02	Office
4B-04	Office
4B-06	Office
4B-10	Exam
4B-12	C&P
4B-14	Admin.
4B-16	Reception
4B-19	Procedure Room
4B-20	Conference
4B-23	TR Room
4B-24	Office
4B-26	Office
4B-27	Hallway
4B-SP	Sally Port
4B-28	Office
4B-29	Office
4B-30	Office
4B-31	Office
4B-32	Office
4B-33	Office
4B-34	Office
4B-35	Office
4B-36	Office
4B-40	MH Dayroom
4B-42	Nutrition
4B-43	Office
4B-44	Office
4B-45	Office
4B-46	Office
4B-47	Soiled
4B-48	Office
4B-49	Clean Storage
4B-50	EMS
4B-55A	Storage
4B-55	Laundry
4B-57	Patient room
4B-57A	Toilet
4B-58	Patient room
4B-58A	Toilet
4B-59	Patient room
4B-59A	Toilet
4B-60	Patient room
4B-60A	Toilet
4B-62	Soiled

Room #	Function
4B-63	Patient room
4B-63A	Toilet
4B-64A	Seclusion Room
4B-64B	Seclusion Restroom
4B-65	MH Patient Dining
4B-66	Storage
4B-67	Nutrition
4B-70	Nurse Station
4B-70A	Restroom
4B-70B	Breakroom
4B-72	Patient room
4B-72A	Toilet
4B-73	Patient room
4B-73A	Toilet
4B-74	Patient room
4B-74A	Toilet
4B-75	Patient room
4B-75A	Toilet
4B-76	Patient room
4B-76A	Toilet
STAIR14	Stairwell 14
STAIR15	Stairwell 15
Room #	Function
4C-01	Storage
4C-02	Meds
4C-03	Restroom
4C-05	Breakroom
4C-06	Clean
4C-07	Office
4C-08	Soiled
4C-10	Eye Exam
4C-11	Eye Exam
4C-12	Eye Exam
4C-13	Eye Exam
4C-14	Eye Exam
4C-15	Waiting room
4C-16	Eye Exam
4C-17	Eye Exam
4C-18	Proc. - Flour. Ang.
4C 20	Proc. - Laser
4C-21	Eye Intake
4C-22	Eye Intake
4C-23	Lab
4C-23A	Mod. Room
4C-24	Storage
4C-25	Office
4C-26	Office
4C-27	Electrical
4C-28	Office
4C-29	Office
4C-30	Audiology Suite hallway
4C-31?	Mens Restroom
4C-31	Audiology Exam Booth
4C-32	Audiology Exam Booth
4C-33	Audiology Exam Booth
4C-34	Audio Exam
4C-35	Audio Exam
4C-39	Reception
4C-40	Waiting room
4C-44	Eyeglass Fitting
4C-45	Derm Suite Hallway
4C-46	Soiled
4C-47	Clean
4C-48	Office
4C-49	Derm. Exam
4C-50	Derm. Exam
4C-51	Derm. Exam
4C-52	Patirnt Intake
4C-55	Womens Restroom
Room #	Function
4D-02	OI&T / Telephone
4D-04	EMS
4D-05	Mechanical room
4D-06	Mechanical room
4D-07	Hallway to access 4D-07A
4D-07A	Elevator #5 Equipment room
4D 08	Elevator #4 Equipmcnt room
STAIR 3	Stairwell 3
Room #	Function
4E-09	Storage
4E-10	Library
4E-14	Office
4E-15	Computer Training
4E-15A	TR Closet
4E-16	Office
4E-17	Conference room
4E-18	Office
4E-19	Mechanical Room
4E-19A	Elevator #6 Equipment room
4E-20	Office
4E-21	Restroom
4E-22	Office
4E-23	Office
4E-24	Office
CAR4	Independence Elevator 4
CAR5	Independence Elevator 5
CAR6	Elevator 6
CAR10	Elevator 10
STAIR1	Stairwell 1
STAIR2	Stairwell 2

Room #	Function
STAIR7	Stairwell 7
STAIR21	Stairwell 21
Room #	Function
Main St	Aud/Eye Corridor 4C-18 to 4C-35
1st St NE	Aud/Eye Corridor 4C-15 to 4C-01
1st St - SW	Corridor 4A-20 to 4A-38
1st St - NW	Corridor Sallyport to 4B-70
Main Ave E	Corridor Elev #5 to Library
Main Ave W	Corridor Elev #4 to Elev #1
1st Ave NW	Corridor MH Locked Ward
1st Ave N	Corridor MH 4B-70 to 4B-76
1st Ave NE	Corridor 4C-39 to Stair #7
1st Ave S	Corridor 4A-52 to 4A-40
1st Ave SW	Corridor 4A-52 to Stair #13

PENTHOUSE ROOM LIST

Room #	Function
501	North TR rm
502	South TR rm
503	East TR rm
504	Engineering Storage
505	Elevator 7 & 8 Mech. rm - lower level
506	Elevator 7 & 8 Mech. rm - upper level
507	Elevator 1, 2 & 3 Mech. rm
508A	Bldg 46 Mech. Penthouse A
508B	Bldg 46 Mech. Penthouse B
508C	Bldg 46 Mech. Penthouse C
509A	Bldg 9 Mech. Penthouse South
509B	Bldg 9 Mech. Penthouse North
STAIR13	Stairwell 13

GENERAL NOTE

THE ROOM LIST ON THIS SHEET IS BEING PROVIDED AS SUPPLEMENTAL INFORMATION TO THE FIRE ALARM PLANS. MATCHING THE ROOM NUMBERS SHOWN ON THE FLOOR PLANS WITH THE DESCRIPTIONS IN THE ROOM LIST WILL PROVIDE INFORMATION NECESSARY FOR THE CONTRACTOR TO PREPARE A FULL DEFERRED SUBMITTAL FOR THE PROJECT.

ROOM LIST WAS CREATED BASED ON INFORMATION PROVIDED BY VA DURING DESIGN AND HAS NOT BEEN VERIFIED FOR ACCURACY. IT IS THE RESPONSIBILITY OF CONTRACTOR TO VERIFY ROOM USAGE AND REPORT ANY DISCREPANCIES TO THE A/E AT THE TIME OF PROJECT CONSTRUCTION STARTING.

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

MONTANA RAYMOND E. EANES No. 9900PE PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: MAIN HOSPITAL ROOM LIST 4TH FLOOR AND PENTHOUSE

Approved: Project Director: TODD DALZELL

Phase: CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: FARGO REPLACE FIRE ALARM SYSTEM

Location: 2101 ELM STREET, FARGO, ND 58102

Issue Date: 06/12/2025 | Checked: WEW | Drawn: JMS

Project Number: 437-23-105

Building Number: 1,9,46

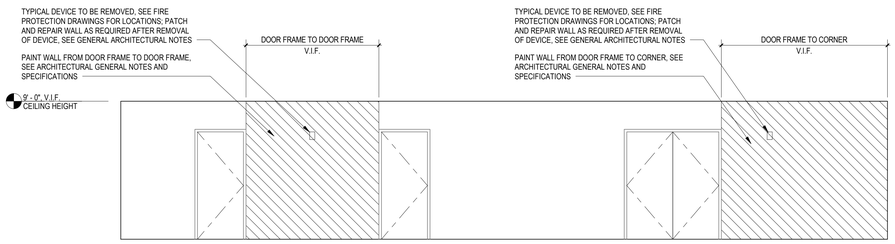
Drawing Number: G-305

Dwg. 10 of 91

11/15/2022 11:30:03 AM

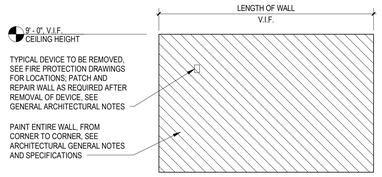
File Path

VA FORM 08 - 6231



1 TYPICAL CORRIDOR ELEVATION

1/4" = 1'-0"



2 TYPICAL ROOM ELEVATION

1/4" = 1'-0"

GENERAL NOTES:

1. SHEET SIZE FOR PROPER SCALE IS 30 X 42. CONTRACTOR SHALL NOT SCALE DRAWINGS BUT SHALL REQUEST THE DESIRED DIMENSIONS FROM THE ARCHITECT.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VISIT THE PROJECT AND VERIFY EXISTING CONDITIONS/DIMENSIONS AND PROPOSED CONDITIONS. COORDINATE DEMOLITION BETWEEN ALL TRADES. NOTIFY A/E IMMEDIATELY OF ANY CONFLICTS OR DISCREPANCIES.
3. THE VA PREFERS TO HAVE CONCEALED INSTALLATION OF DEVICES WHERE POSSIBLE. USE OF SURFACE MOUNT DEVICES REQUIRE VA COR APPROVAL.

GENERAL ARCHITECTURAL NOTES:

1. SEE FIRE ALARM DRAWINGS FOR DEMOLITION OF EXISTING FIRE ALARM PANELS, CONTROLLERS, AND DEVICES ALONG WITH ALL ASSOCIATED CONDUIT AND WIRING.
2. SEE FIRE ALARM DRAWINGS FOR LOCATION AND INSTALLATION OF NEW FIRE ALARM SYSTEM.
3. AT PAINTED WALLS, PATCH AND REPAIR GYPSUM BOARD AFTER REMOVAL OF DEVICE. PAINT EXISTING WALL SURFACE TO MATCH ADJACENT. INTENT IS TO PAINT FROM DOOR FRAME TO DOOR FRAME, OR CORNER TO CORNER. CEILING HEIGHT IS 9'-0" TYPICAL. CONTRACTOR TO MASK ALL FIXED WALL-MOUNTED EQUIPMENT AND FURNISHING AND TEMPORARILY REMOVE NON-FIXED WALL ITEMS (SUCH AS ARTWORK) FOR REPAINTING BEHIND. SEE SPECIFICATIONS FOR PAINTING MATERIALS AND PREP WORK REQUIRED PRIOR TO APPLICATION. COORDINATE COLOR WITH VA COR.
4. AT NON-PAINTED WALL SURFACES, PROVIDE A STAINLESS STEEL COVER PLATE TO COVER HOLE AFTER REMOVAL OF DEVICE. COORDINATE WITH VA COR.
5. AT REMOVAL OF CEILING MOUNTED DEVICES IN GYPSUM BOARD CEILINGS, PATCH AND REPAIR GYPSUM BOARD AFTER REMOVAL OF DEVICE. PAINT ENTIRE CEILING TO MATCH TO THE NEAREST INSIDE OR OUTSIDE CORNER. COORDINATE WITH VA COR.
6. AT REMOVAL OF CEILING MOUNTED DEVICES IN ACT CEILINGS, REPLACE CEILING TILE AFTER REMOVAL OF DEVICE TO MATCH ADJACENT TILE. COORDINATE WITH VA COR.
7. AT ALL RATED ASSEMBLIES WHERE DEVICES OR CONDUITS ARE REMOVED, REPAIR HOLES TO MAINTAIN THE RATED ASSEMBLY AND FINISH TO MATCH ADJACENT MATERIAL. PAINT CORNER TO CORNER.
8. AT ALL CONCRETE, PLASTER, ETC. SURFACES WHERE DEVICES OR CONDUITS ARE REMOVED, PATCH ALL SURFACES TO MATCH ADJACENT TEXTURE, FINISH TO MATCH ADJACENT SURFACES.
9. AT ALL MASONRY, CLAY TILE, OR SIMILAR SURFACE, REPAIR BY REMOVING MASONRY UNITS AFFECTED BY EQUIPMENT INSTALLATION AND REPLACE WITH SIMILAR MASONRY UNITS, FINISH TO MATCH ADJACENT SURFACES.
10. AT ALL HOLES IN THE FLOORS WHERE DEVICES OR CONDUITS ARE REMOVED, PATCH ALL SURFACES TO MATCH ADJACENT CONSTRUCTION, TEXTURE, AND FIRE RATING. FINISH TO MATCH ADJACENT SURFACES AS APPROVED BY THE VA COR.

LEGEND:

AREA TO BE PAINTED, SEE GENERAL ARCHITECTURAL NOTES AND SPECIFICATIONS

VOLUME 1 OF 2

Revisions	Date

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
WWW.VERITAS.COM

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 19.2481.M18

STAMP

LICENSED ARCHITECT KARL A. PERSON (3128) STATE OF NORTH DAKOTA
DATE: 6.12.25

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
ARCHITECTURAL NOTES AND TYPICAL DETAILS

Phase
CONSTRUCTION DOCUMENTS

Project Title
FARGO REPLACE FIRE ALARM SYSTEM

Project Number
437-23-105

Building Number

COR / Project Engineer
TODD DALZELL

Location
2101 ELM STREET
FARGO, NORTH DAKOTA 58102

Date 6/12/2025 | **Checked** KP | **Drawn** KZ

Drawing Number
A-100
Dwg. 11 of 91

6/12/2025 2:24:17 PM

VA FORM 08-6231

ELECTRICAL LEGEND (FLOORPLAN)

SYMBOL	DESCRIPTION
	ITEMS SHOWN IN GRAY ARE EXISTING TO REMAIN
	DASHED ITEMS ARE INSTALLED BELOW REFERENCED PLAN
	DEMOLITION PLANS: SOLID DARK ITEMS ARE TO BE REMOVED OR MODIFIED. NEW PLANS: SOLID DARK ITEMS ARE TO BE ADDED OR MODIFIED.
	MOTOR, SINGLE-PHASE
	MOTOR, THREE-PHASE
T	TRANSFORMER
	WYE CONNECTION
T T	DUCT, TROLLEY
	DUCT, CELL FLOOR HEADER
	DUCT, UNDERFLOOR JUNCTION BOX
	EARTH GROUND
J	JUNCTION BOX
C C	LADDER CABLE TRAY
	BRANCH CIRCUIT HOMERUN. LINES INDICATE NUMBER OF CIRCUITS, NEUTRAL, AND SWITCH LEG CONDUCTORS. ONE SEPARATE GREEN GROUNDING CONDUCTOR SHALL BE PROVIDED FOR EACH HOMERUN; NOT SHOWN
PB	PULL BOX
W W	WIREWAY
RC	RIGID CONDUIT LINE = RC
CB	DIRECT BURIAL CABLE = DB
P	POWER DUCT = P
AV	AUDIO VISUAL LINE = AV
CATV	CABLE TELEVISION LINE = CATV
CCTV	CLOSED CIRCUIT TELEVISION LINE = CCTV
FO	FIBER OPTIC LINE = FO
COM	COMMUNICATIONS LINE = COM
I	INTERCOM LINE = I
NC	NURSE CALL LINE = NC
S	SUBSTATION
HVS	HI VOLTAGE SWITCH ON CONCRETE PAD
LVS	LOW VOLTAGE SWITCH ON CONCRETE PAD
P T	DUAL POWER AND TELECOMMUNICATIONS MANHOLE
B B	BUSWAY
DPP	DISTRIBUTION PANEL
	LIGHTING PANEL
	PANELBOARD CABINET, FLUSH MOUNTED
	PANELBOARD CABINET, SURFACE MOUNTED
C	RECEPTACLE, CLOCK HANGER
	RECEPTACLE, DUPLEX
	RECEPTACLE, DUPLEX ON EMERGENCY POWER
	RECEPTACLE, GFCI DUPLEX
	RECEPTACLE, QUADRAPLEX
A	RECEPTACLE, SPECIAL PURPOSE 120V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 5-20R.
B	RECEPTACLE, SPECIAL PURPOSE 208V, 20A, 1 PHASE, 2-POLE, 3W, NEMA 6-20R.
C	RECEPTACLE, SPECIAL PURPOSE 120V, 30A, 1 PHASE, 2-POLE, 3W, NEMA 5-30R.
D	RECEPTACLE, SPECIAL PURPOSE 208V, 30A, 1 PHASE, 2-POLE, 3W, NEMA 6-30R.
E	RECEPTACLE, SPECIAL PURPOSE 208V, 60A, 1 PHASE, 3-POLE, 4W, NEMA 14-60R.
F	RECEPTACLE, SPECIAL PURPOSE 208V, 30A, 3 PHASE, 3-POLE 4W, NEMA 15-30R.
G	RECEPTACLE, SPECIAL PURPOSE 208V, 50A, 3 PHASE, 3 POLE, 4W, NEMA 15-50R.
H	RECEPTACLE, SPECIAL PURPOSE 208V, 60A, 3 PHASE, 3 POLE, 4W, NEMA 15-60R.
J	RECEPTACLE, SPECIAL PURPOSE 208V, 20A, 3 PHASE, 3 POLE, 4W, NEMA 15-20R.

SYMBOL	DESCRIPTION
S	RECEPTACLE, SWITCHED DUPLEX
	DROP CORD: SINGLE CONVENIENCE OUTLET, 3-WIRE, GROUNDING TYPE, 20A, W/#12 CONDUCTORS IN FLEXIBLE CORD (CENTER LINE OF OUTLET: 6'-6" [1981mm] AFF. MINIMUM).
	ELECTRICAL STRIP MOLD (OUTLETS ON 2'-0" [610mm] CENTERS OR AS DESIGNATED ON DRAWINGS), MTD 3'-6" [1067mm] AFF OR AS INDICATED.
R 20	INSTANTANEOUS OVERCURRENT RELAY
R 51	AC-TIME OVERCURRENT RELAY
R 67	AC-DIRECTIONAL OVERCURRENT RELAY
R 86	LOCKING OUT RELAY
F	DISCONNECT SWITCH, FUSED
F	DISCONNECT SWITCH, UNFUSED
M	STARTER, COMBINATION WITH DISCONNECT SWITCH
M	STARTER OR MOTOR CONTROLLER
VFD	VARIABLE FREQUENCY DRIVE
TC	TIME CLOCK
R	RECTIFIER, CATHODIC PROTECTION SANITARY
	VENTILATOR OR FAN COIL UNIT OUTLET
	CONDUIT TERMINATED 6" [152mm] AFF IN STANDARD BOX FOR EXTENSION TO EQUIPMENT AS DIRECTED.
	CONDUIT TERMINATED W/COUPLING (FLUSH W/FINISHED FLOOR) FOR EXTENSION TO EQUIPMENT AS DIRECTED.
$	SWITCH, SPST
$2	SWITCH, DPST
$3	SWITCH, THREE WAY
$3D	SWITCH, THREE WAY DIMMER
$3OS	SWITCH, THREE WAY OCCUPANCY SENSOR
$4	SWITCH, FOUR WAY
$D	SWITCH, DIMMER
$DOOR	SWITCH, DOOR JAMB
$4OS	SWITCH, FOUR WAY OCCUPANCY SENSOR
$F	SWITCH, FUSED
$K	SWITCH, KEY OPERATED
$L	SWITCH, LOCK
$LM	SWITCH, LOW VOLTAGE MASTER
$M	SWITCH, MANUAL MOTOR STARTING
$MC	SWITCH, MOMENTARY CONTACT
$MP	SWITCH, MOTOR SNAP WITH PILOT LIGHT (THERMAL TYPE)
$OS	SWITCH, OCCUPANCY SENSOR
$OSD	SWITCH, OCCUPANCY SENSOR DIMMER
$P	SWITCH, WITH PILOT LIGHT
$PB	SWITCH, PUSH BUTTON
$PH	SWITCH, PHOTOCELL
$RC	SWITCH, REMOTE CONTROL
$WP	SWITCH, WEATHER PROOF
$X	SWITCH, EXPLOSION PROOF
C	TELECOMMUNICATIONS MANHOLE
	COMMUNICATIONS FLOOR RECEPTACLE
	COMMUNICATIONS WALL RECEPTACLE
	COMMUNICATIONS CEILING RECEPTACLE
M	TELEVISION FLOOR RECEPTACLE C =CAMERA (CCTV SYSTEM) M =MONITOR (CATV SYSTEM). AV= AUDIO VISUAL (CONFERENCE ROOM CONNECTION RECEPTACLES)
M	TELEVISION WALL RECEPTACLE C =CAMERA (CCTV SYSTEM) M =MONITOR (CATV SYSTEM). AV= AUDIO VISUAL (CONFERENCE ROOM CONNECTION RECEPTACLES)
M	TELEVISION CEILING RECEPTACLE C =CAMERA (CCTV SYSTEM) M =MONITOR (CATV SYSTEM). AV= AUDIO VISUAL (CONFERENCE ROOM CONNECTION RECEPTACLES)
	PAGING SPEAKER, CEILING MOUNTED
	PAGING SPEAKER, WALL MOUNTED
NCS	NURSE'S CALL MASTER STATION
NCT	NURSE CALL TERMINAL CABINET.

SYMBOL	DESCRIPTION
N D	NURSE CALL STATION. D = DUTY STATION. MTD 5' AFF E = MTD 6' AFF FOR SHOWER LOCATION MTD 4'-6" AFF FOR TUB LOCATION MTD 3' AFF FOR TOILET LOCATION P = PSYCHIATRIC CORRIDOR STATION WITH KEY SWITCH S = AUDIO VISUAL STAFF STATION MTD 5' AFF U = UTILITY CALL STATION, MTD 5' AFF
N D	NURSE CALL STATION. D = CORRIDOR DOME LIGHT MTD 6" ABOVE DOOR I = AUXILIARY INTERSECTIONAL DOME LIGHT
	TELECOMMUNICATIONS TERMINAL CABINET
TTB	TELECOMMUNICATIONS BACKBOARD (WALL MTD)
EH	ELECTRIC POWER HINGE
DC	DOOR CONTACT
MID	MOTION INTRUSION DETECTOR
SSTV	SECURITY SURVEILLANCE TELEVISION
C	CAMERA
C	360 CAMERA
M T	CARD ACCESS READER; LETTER INDICATES AS FOLLOWS: M=MOUNT C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION P-PEDESTAL R-RACK S-SURFACE W-WALL T=TECHNOLOGY/TYPE B-BARCODE M-MAG STRIP F-ELEVATOR FLOOR CALL P-PROXIMITY H-ELEVATOR HALL CALL S-SMART CARD T-TOKEN
M T	ELECTRONIC LOCK; LETTER INDICATES AS FOLLOWS: M=MOUNT C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION P-PEDESTAL R-RACK S-SURFACE W-WALL T=TECHNOLOGY/TYPE D-DEADBOLT H-HYBRID L-LATCH SET M-MAGNETIC S-STRIKE
M T	INTERCOM; LETTER INDICATES AS FOLLOWS: M=MOUNT C-CEILING D-DESK F-FLUSH H-HIDDEN M-MULLION P-PEDESTAL R-RACK S-SURFACE W-WALL T=TECHNOLOGY/TYPE M-MASTER S-SUBSTATION
	DURESS/PANIC ALARM PUSH BUTTON
EM	ELECTROMAGNETIC TYPE DOOR HOLDER OUTLET

ELECTRICAL LEGEND (DETAILS)

SYMBOL	DESCRIPTION
	DELTA CONNECTION
	MOTOR, SINGLE-PHASE
	MOTOR, THREE-PHASE
	TRANSFORMER
	WYE CONNECTION
	EARTH GROUND
J	JUNCTION BOX
PB	PULL BOX
	PRESSURE SWITCH-CLOSE ON INCREASE
	PRESSURE SWITCH-OPEN ON INCREASE
	SWITCH, MULTIPOSITION
	SWITCH, NORMALLY CLOSED FLOAT
	SWITCH, NORMALLY CLOSED FOOT OPERATED
	SWITCH, NORMALLY CLOSED LIMIT
	SWITCH, NORMALLY CLOSED TEMPERATURE ACTIVATED
	SWITCH, NORMALLY CLOSED TIME DELAY
	SWITCH, NORMALLY OPEN FLOAT
	SWITCH, NORMALLY OPEN LIMIT
	SWITCH, NORMALLY OPEN TEMPERATURE ACTIVATED
	SWITCH, NORMALLY OPEN TIME DELAY
	SWITCH, SINGLE BREAK
	NORMALLY CLOSED RELAY CONTACT
	NORMALLY OPEN RELAY CONTACT
	FUSE WITH RATING
	MOLDED CASE CIRCUIT BREAKER
	LOW-VOLTAGE DRAWOUT AIR CIRCUIT BREAKER
C.B.	HIGH-VOLTAGE OIL CIRCUIT BREAKER
	HIGH-VOLTAGE DRAWOUT AIR CIRCUIT BREAKER
	SWITCH AND FUSE UNIT
	FUSED DRAWOUT POTENTIAL TRANSFORMER
R 50	INSTANTANEOUS OVERCURRENT RELAY
R 51	AC-TIME OVERCURRENT RELAY
R 67	AC-DIRECTIONAL OVERCURRENT RELAY
R 86	LOCKING OUT RELAY
F	DISCONNECT SWITCH, FUSED
F	DISCONNECT SWITCH, UNFUSED
	FUSIBLE LINK
M	STARTER, COMBINATION WITH DISCONNECT SWITCH
M	STARTER OR MOTOR CONTROLLER
TC	TIME CLOCK
G	GENERATOR, POWER
	BATTERY
	CAPACITOR
	POTHEAD
	STRESS CONE
	LIGHTNING ARRESTOR
R	RECTIFIER, CATHODIC PROTECTION SANITARY
M	METER
A	AMMETER
V	VOLTMETER
W	WATTMETER
WH	WATT-HOUR METER

ELECTRICAL ABBREVIATIONS

1PH	SINGLE-PHASE	ELEC	ELECTRIC OR ELECTRICAL	MW	MEGAWATT MICROWAVE
1P	SINGLE POLE	ELEV	ELEVATOR		
2/C	TWO-CONDUCTOR	EMCP	EMERGENCY MONITORING CONTROL	NA	NOT APPLICABLE
3/C	THREE-CONDUCTOR		PANEL	NEC	NATIONAL ELECTRICAL CODE
3PH	THREE-PHASE	EMER	EMERGENCY	NEMA	NATIONAL ELECTRICAL
4/C	FOUR-CONDUCTOR	EMI	ELECTROMAGNETIC INTERFERENCE		MANUFACTURERS ASSOCIATION
4W	FOUR-WIRE	EMT	ELECTRICAL METALLIC TUBING	NEUT OR N	NEUTRAL
		ENCL	ENCLOSURE	NFPA	NATIONAL FIRE PROTECTION
AAP	ALARM ANNUNCIATOR PANEL	EPO	EMERGENCY POWER OFF		ASSOCIATION
AC	ALTERNATING CURRENT OR ARMORED CABLE	EPRF	EXPLOSION PROOF	NIC	NOT IN CONTRACT
		ESMT	EASEMENT	NL	NIGHT LIGHT
ACC	ACCESSIBLE	EWC	ELECTRIC WATER COOLER	NO	NORMALLY OPEN
ADO	AUTOMATIC DOOR OPENER	EWH	ELECTRIC WATER HEATER	NS	NO SCALE
AFC	ABOVE FINISHED COUNTER, AUTOMATIC FREQUENCY CONTROL, OR AVAILABLE FAULT CURRENT	EXIST	EXISTING	NTS	NOT TO SCALE
		FA	FIRE ALARM	OC	ON CENTER
AFF	ABOVE FINISHED FLOOR	FAAP	FIRE ALARM ANNUNCIATOR PANEL	OD	OUTSIDE DIAMETER
AFG	ABOVE FINISHED GRADE	FABL	FIRE ALARM BELL	OF	OWNER FURNISHED
AH	AMPERE HOUR	FABX	FIRE ALARM BOX	OF/CI	OWNER FURNISHED/CONTRACTOR INSTALLED
AHJ	AUTHORITY HAVING JURISDICTION	FACP	FIRE ALARM CONTROL PANEL		
AIC	AMPERE INTERRUPTING CAPACITY	FC	FOOTCANDLE	OF/OI	OWNER FURNISHED/OWNER INSTALLED
AMP	AMPERE	FIXT	FIXTURE	OL	OVERLOAD
ASC	AMPS SHORT CIRCUIT	FLA	FULL LOAD AMPS	OS	OCCUPANCY SENSOR
AT	AMPERE TRIP	FLEX	FLEXIBLE METALLIC CONDUIT		
ATS	AUTOMATIC TRANSFER SWITCH	FLT	FLOODLIGHT	P	POLE
AUTO	AUTOMATIC	FLUOR	FLUORESCENT	PA	PUBLIC ADDRESS
AV	AUDIO VISUAL	FLUOR FIX	FLUORESCENT FIXTURE	PB	PANELBOARD, PULL BOX, OR PUSHBUTTON
		FOUTT	TELEPHONE FLOOR OUTLET		
BAS	BUILDING AUTOMATION SYSTEM	FP	FIRE PROTECTION	PBPU	PREFABRICATED BEDSIDE PATIENT UNIT
BFF	BELOW FINISH FLOOR	FT	FEET OR FOOT	PCB	POLYCHLORINATED BIPHENYL
BLDG	BUILDING	FU SW	FUSED SWITCH	PEC	PHOTOELECTRIC CELL
BPIP	BOILER PLANT INSTRUMENTATION PANEL	FVNR	FULL VOLTAGE NON-REVERSING	PED	PEDESTAL
BRKR	BREAKER	FVR	FULL VOLTAGE REVERSING	PEND	PENDANT
BYP	BYPASS			PF	POWER FACTOR
		G OR GND	GROUND	PH	PHASE
C	CONDUIT	GEN	GENERATOR	PNL	PANEL
CAB	CABINET	GFCI	GROUND FAULT CIRCUIT INTERRUPTER	POD	POWER OPERATED DAMPER
CALC	CALCULATE	GTB	GROUND TERMINAL BOX	PT	POTENTIAL TRANSFORMER
CAP	CAPACITY			PTRV	POWER TYPE ROOF VENTILATION
CAT	CATALOG	HID	HIGH INTENSITY DISCHARGE	PVC	POLYVINYL CHLORIDE (PLASTIC)
CATV	COMMUNITY ANTENNA TELEVISION	HOA	HAND-OFF-AUTOMATIC	PWR	POWER
CCR	CONTROL CONTACTOR	HP	HORSEPOWER		
CCTV	CLOSED CIRCUIT TELEVISION	HT	HEIGHT	RCP	REFLECTED CEILING PLAN
cd	CANDELA	HZ	HERTZ	REC	RECESSED
CD	CONSTRUCTION DOCUMENTS			RECPT	RECEPTACLE
CF	CONTRACTOR FURNISHED	IESNA	ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA	RGS	RIGID GALVANIZED STEEL
CF/CI	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED	IMC	INTERMEDIATE METAL CONDUIT	RM	ROOM
		INCAND	INCANDESCENT	RMS	ROOT MEAN SQUARE
CF/OI	CONTRACTOR FURNISHED/OWNER INSTALLED	IR	INFRARED	REQD	REQUIRED
CHW	CHILLED WATER	IWH	INSTANTANEOUS WATER HEATER	SCC	SHORT CIRCUIT CAPACITY
CHWP	CHILLED WATER PUMP			SES	SERVICE ENTRANCE SECTION
CKT	CIRCUIT	J-BOX	JUNCTION BOX	SD	SMOKE DETECTOR
CKT BRKR	CIRCUIT BREAKER			SF	SQUARE FOOT (FEET)
CLF	CURRENT LIMITING FUSE	kV	KILOVOLT	SHET	SHEET
CLG	CEILING	kVA	KILOVOLT AMPERE	SI	INTERNATIONAL SYSTEM OF UNITS
CMU	CONCRETE MASONRY UNIT	kVAH	KILOVOLT AMPERE PER HOUR	SPEC	SPECIFICATION
COAX	COAX CABLE	kVAR	KILOVOLT AMPERE REACTIVE	SPST	SINGLE POLE, SINGLE THROW
COMM	COMMUNICATION	kW	KILOWATT	SPDT	SINGLE POLE, DOUBLE THROW
CONC	CONCRETE	kWH	KILOWATT HOUR	SURF	SURFACE
CONT	CONTINUE	kWHM	KILOWATT HOUR METER	SW	SWITCH
CONTR	CONTRACTOR			SWBD	SWITCHBOARD
COORD	COORDINATE	LED	LIGHT EMITTING DIODE	SWGR	SWITCHGEAR
CPT	CONTROL POWER TRANSFORMER	LF	LINEAR FEET (FOOT)		
CRI	COLOR RENDERING INDEX	LM	LUMEN	TC	TIME CLOCK
CT	CURRENT TRANSFORMER	LP	LIGHT POLE	TEL	TELEPHONE
CTV	CABLE TELEVISION	LPS	LOW PRESSURE SODIUM	TP	TWISTED PAIR
CU	COPPER	LRA	LOCKED ROTOR AMPS	TPS	TWISTED PAIR SHIELDED
CU FT	CUBIC FEET	LTCP	LOCAL TEMPERATURE CONTROL PANEL	TTB	TELEPHONE TERMINAL BOARD
CUR	CURRENT	LT	LIGHT	TV	TELEVISION
		LTG	LIGHTING	TYP	TYPICAL
DAS	DISTRIBUTED ANTENNA SYSTEM	LTG PNL	LIGHTING PANEL		
DB	DECIBEL	LTNG	LIGHTNING	UFD	UNDERFLOOR DUCT
DC	DIRECT CURRENT	LV	LOW VOLTAGE	UGND	UNDERGROUND
DCP	DIMMER CONTROL PANEL			UL	UNDERWRITERS LABORATORY
DEG C	DEGREES CELSIUS	MATV	MASTER ANTENNA TELEVISION SYSTEM	UON	UNLESS OTHERWISE NOTED
DEG F	DEGREES FAHRENHEIT	MAX	MAXIMUM	UPS	UNINTERRUPTIBLE POWER SUPPLY
DEMO	DEMOLITION	MC	METAL-CLAD	UTIL	UTILITY
DIAG	DIAGRAM	MCA	MINIMUM CIRCUIT AMPS		
DISC	DISCONNECT	MCB	MAIN CIRCUIT BREAKER	V	VOLT
DISTR	DISTRIBUTION	MCC	MOTOR CONTROL CENTER	VA	VOLT AMPERE
DISTR PNL	DISTRIBUTION PANEL	MDP	MAIN DISTRIBUTION PANEL	VAR	VOLT AMPERE REACTIVE
DMR SW	DIMMER SWITCH	MECH	MECHANICAL	VFD	VARIABLE FREQUENCY DRIVE
DN	DOWN	MG	MOTOR GENERATOR	VOLT	VOLTAGE
DPDT	DOUBLE POLE, DOUBLE THROW	MH	MANHOLE	VS	VACANCY SENSOR
DPST	DOUBLE POLE, SINGLE THROW	MIN	MINIMUM		
DRSW	DOOR SWITCH	MOCP	MAXIMUM OVERCURRENT PROTECTION	W	WATT
DS	DISCONNECT SWITCH	MLO	MAIN LUGS ONLY	WH	WATER HEATER
DWG	DRAWING	MT	MOUNT	WP	WEATHERPROOF
		MTD	MOUNTED		
EC	EMPTY CONDUIT	MTG	MOUNTING	XFER	TRANSFER
EG	EQUIPMENT GROUND	MTS	MANUAL TRANSFER SWITCH	XFMR	TRANSFORMER
EL	ELEVATION	MVA	MEGAVOLT-AMPERE		

GENERAL DRAWING NOTE

THIS DRAWING SET UTILIZES COLORS TO DIFFERENTIATE BETWEEN NEW AND EXISTING DEVICES. CONTRACTOR SHOULD BE AWARE THAT ANY HARD COPIES SHOULD BE PRINTED IN COLOR SO AS NOT TO LOSE IMPORTANT DRAWING CLARITY.

GENERAL DRAWING NOTE

DRAWING BACKGROUNDS FOR THESE CONSTRUCTION DOCUMENTS WERE CREATED UTILIZING VA PROVIDED FILE INFORMATION FROM LIFE SAFETY PLAN DATED 3/7/2024 AND ARE CONSIDERED TO REFLECT COMPLETE INFORMATION FOR MOST CRITICAL AREAS FOR FIRE ALARM NEEDS.

AREAS NOT SPECIFICALLY CALLED OUT BY ROOM NAME ARE TO BE CONSIDERED AS AREAS OF NO SUBSTANTIAL CIRCUMSTANCE FOR FIRE ALARM PLANS.

A COMPLETE LIST OF ROOM NUMBERS AND ASSOCIATED ROOM NAMES HAS BEEN PROVIDED ON SHEETS G-303, G-304 & G-305 FOR REFERENCE.

GENERAL BAS INTEGRATION NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM INTEGRATION OF ALL NEW DUCT SMOKE DETECTORS AND FAN SHUT DOWN RELAY MODULES INTO THE NEW FIRE ALARM SYSTEM. DISCONNECTION, RECONNECTION, BAS PROGRAMMING ADJUSTMENTS, AND TESTING OF ALL REQUIRED SUPERVISORY HVAC SHALL BE PERFORMED IN CONJUNCTION WITH AN APPROVED BAS CONTROLS CONTRACTOR.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM INTEGRATION (WIRING AND PROGRAMMING) OF EXISTING ELEVATOR FIRE ALARM SIGNALS TO THE NEW FIRE ALARM SYSTEM AND PERFORM ASSOCIATED TESTING AND COMMISSIONING SERVICES.

REFER TO SPECIFICATION SECTION 283100.3.3.A FOR A LIST OF BAS CONTROL CONTRACTORS FAMILIAR WITH THE FARGO VA FACILITY AND ABLE TO PERFORM ADJUSTMENTS ON THEIR RESPECTIVE SYSTEMS.

GENERAL NOTE

IT IS NOT THE INTENT OF THE ELECTRICAL PLANS TO EXCLUDE AN ELECTRICAL CONTRACTOR FROM INSTALLING RACEWAY FOR ALL NEW FIRE ALARM SYSTEMS. PLANS ARE NOT CONSTRUCTION DISCIPLINE SPECIFIC. IF A DIV 26 CONTRACTOR IS HIRED FOR RACEWAY AND WIRE PULL FOR DIVISION 28 WORK, THE CONTRACTORS SHALL COORDINATE THE NEEDS OF THE OTHER DIVISIONS WITH THE INSTALLING CONTRACTORS WITHOUT PENALTY OR OVERSIGHT ISSUES TO THE VA.

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-0470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

MONTANA WILLIAM E. WEIN 34134PE LICENSED PROFESSIONAL ENGINEER

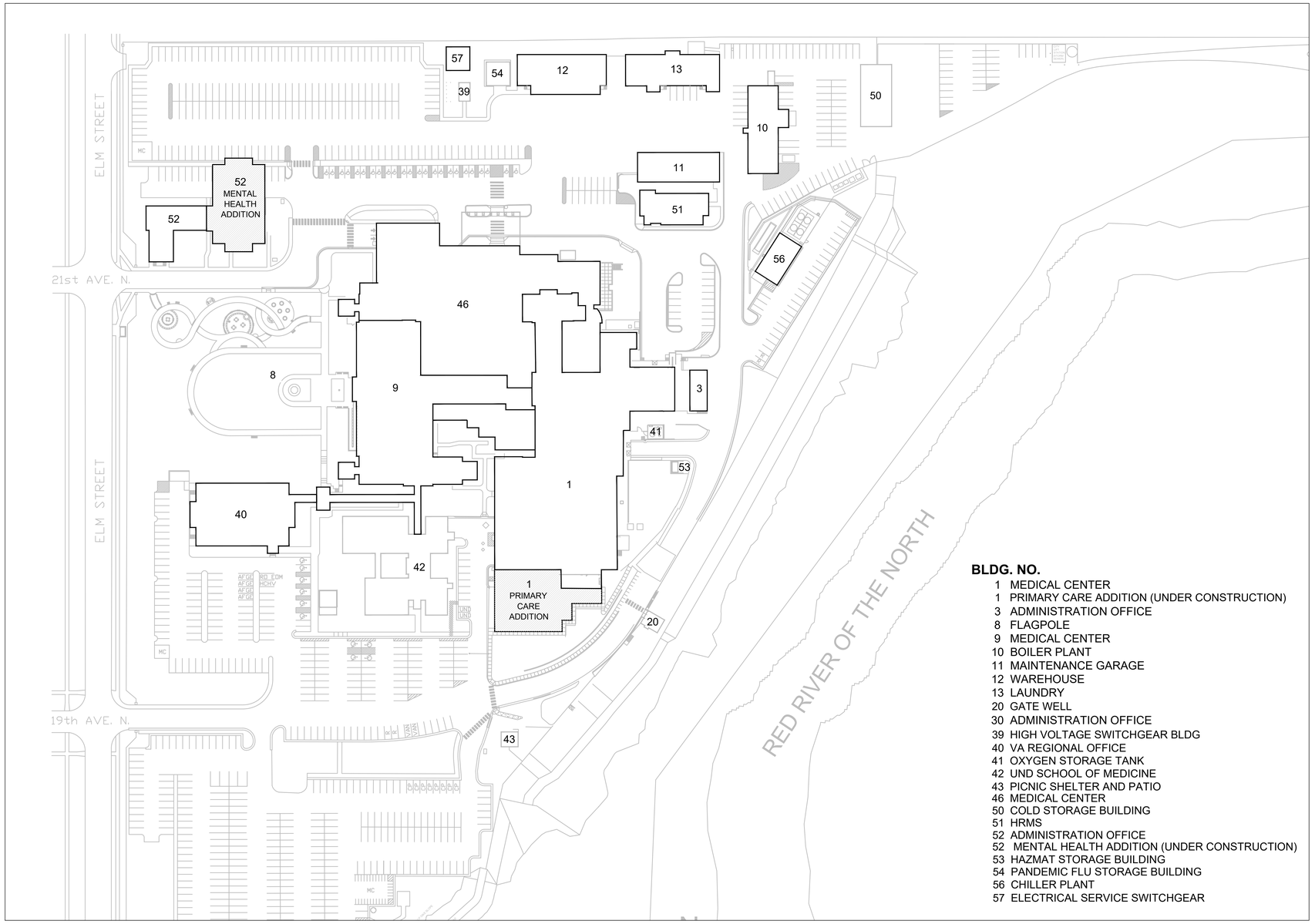
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	ELECTRICAL LEGENDS AND ABBREVIATIONS
Phase	CONSTRUCTION DOCUMENTS
Project Title	FARGO REPLACE FIRE ALARM SYSTEM
Project Number	437-23-105
Building Number	MULTIPLE
Approved: Project Director	TODD DALZELL
	FULLY SPRINKLERED
Location	2101 ELM STREET, FARGO, ND 58102
Issue Date	06/12/2025
Checked	WEW
Drawn	JMS
Drawing Number	E-000
	Dwg. 12 of 91

File Path: 11/15/2022 11:30:03 AM

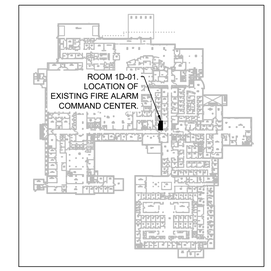
VA FORM 08 - 6231



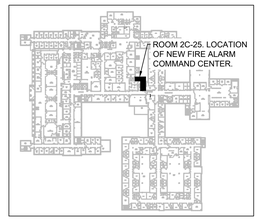
BLDG. NO.

1 MEDICAL CENTER
1 PRIMARY CARE ADDITION (UNDER CONSTRUCTION)
3 ADMINISTRATION OFFICE
8 FLAGPOLE
9 MEDICAL CENTER
10 BOILER PLANT
11 MAINTENANCE GARAGE
12 WAREHOUSE
13 LAUNDRY
20 GATE WELL
30 ADMINISTRATION OFFICE
39 HIGH VOLTAGE SWITCHGEAR BLDG
40 VA REGIONAL OFFICE
41 OXYGEN STORAGE TANK
42 UND SCHOOL OF MEDICINE
43 PICNIC SHELTER AND PATIO
46 MEDICAL CENTER
50 COLD STORAGE BUILDING
51 HRMS
52 ADMINISTRATION OFFICE
52 MENTAL HEALTH ADDITION (UNDER CONSTRUCTION)
53 HAZMAT STORAGE BUILDING
54 PANDEMIC FLU STORAGE BUILDING
56 CHILLER PLANT
57 ELECTRICAL SERVICE SWITCHGEAR

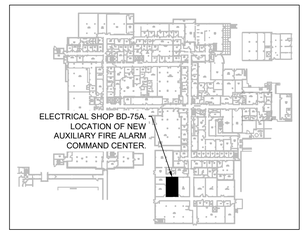
1 SITE MAP
SCALE: 1/8" = 1'



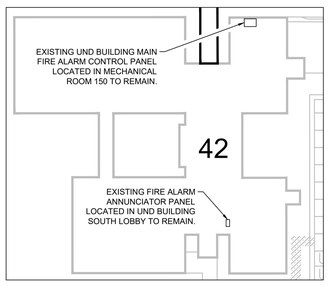
2 EXISTING FIRE ALARM COMMAND CENTER LOCATION
SCALE: 1/128" = 1'



3 NEW FIRE ALARM COMMAND CENTER LOCATION
SCALE: 1/128" = 1'



4 NEW FIRE ALARM AUXILIARY COMMAND CENTER LOCATION
SCALE: 1/128" = 1'



5 UND BUILDING FIRE ALARM PANEL LOCATIONS
SCALE: 1/32" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

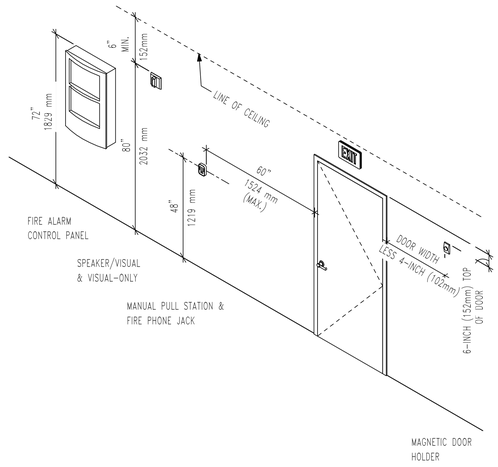
DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-0470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
MONTANA
WILLIAM E. WOLFF
34134PE
LICENSED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

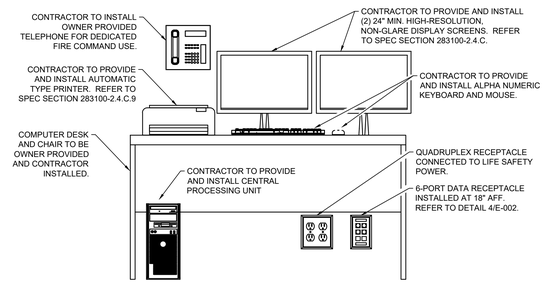
Drawing Title: OVERALL SITE MAP	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: CAMPUS
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: E-001 Dwg. 13 of 91

11/15/2022 11:30:03 AM
File Path:
VA FORM 08 - 6231



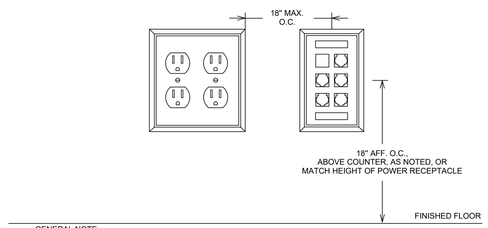
1 FIRE ALARM DEVICE MOUNTING HEIGHT DETAIL

NTS



2 FIRE ALARM COMMAND CENTER WORKSTATION DETAIL

NTS



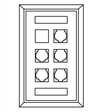
GENERAL NOTE:

G1. VOICE/DATA OUTLETS TO BE MOUNTED ADJACENT TO POWER OUTLETS WHERE APPLICABLE. COORDINATE ALL MOUNTING HEIGHTS WITH ELECTRICAL DRAWINGS, AND EQUIPMENT VENDOR DRAWINGS.

3 POWER AND DATA OUTLET COORDINATION REQUIREMENTS DETAIL

NTS

FACE PLATE, BACK BOX, & CONDUIT REQUIREMENTS



INITIAL CAPACITY: 4 CONNECTIONS
MAXIMUM CAPACITY: 6 CONNECTIONS

QTY	DESCRIPTION
1	RJ 45/11 PORT
4	CAT 6A PORT
1	6 PORT COVER PLATE

1. UL LISTED CATEGORY 6A, 4PR CABLE, PULLED FROM EACH OUTLET TO TELECOM ROOM FOR TERMINATION.

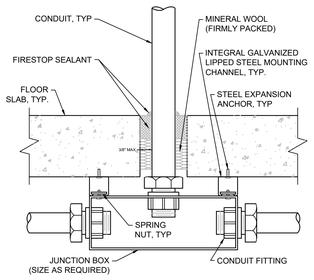
TOP JACK TO BE RJ 45/11 FOR VOICE.

PULL CABLE IN 1" EMT WITHIN 12" OF CABLE TRAY.

* COORDINATE ALL VOICE/DATA LOCATIONS, SPECIAL MOUNTING HEIGHT (SMH) DEVICES WITH ARCHITECTURAL WALL ELEVATIONS AND/OR MOUNTING HEIGHTS OF POWER DEVICES ON ELECTRICAL DRAWINGS.

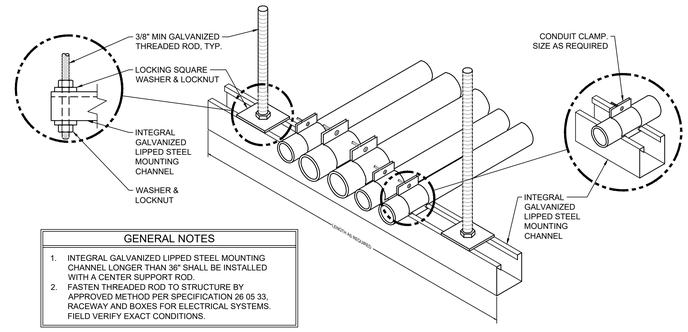
4 DATA OUTLET FACE PLATE AND CONDUIT REQUIREMENTS DETAIL

NTS



5 CONDUIT FLOOR SLAB PENETRATION DETAIL

NTS

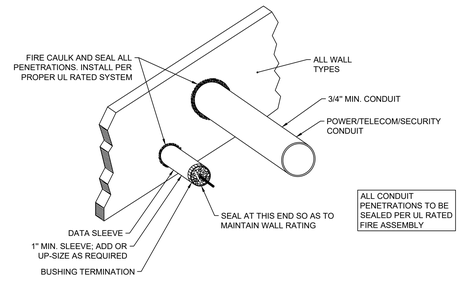


GENERAL NOTES

1. INTEGRAL GALVANIZED LIPPED STEEL MOUNTING CHANNEL LONGER THAN 36" SHALL BE INSTALLED WITH A CENTER SUPPORT ROD.
2. FASTEN THREADED ROD TO STRUCTURE BY APPROVED METHOD PER SPECIFICATION 26 05 33, RACEWAY AND BOXES FOR ELECTRICAL SYSTEMS. FIELD VERIFY EXACT CONDITIONS.

6 CONDUIT TRAPEZE MOUNTING DETAIL

NTS

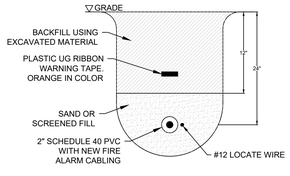


7 RATED WALL CONDUIT AND SLEEVE PENETRATION DETAIL

NTS

GENERAL NOTES

CONTRACTOR TO RESTORE VEGETATIVE SURFACE BACK TO MATCH EXISTING CONDITIONS. IMPORT TOP SOIL AS REQUIRED. COORDINATE WITH VA ON TYPE OF SEED USED ON SITE.



8 BELOW GRADE CONDUIT DETAIL

NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-0470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

MONTANA
WILLIAM E. WOLFE
9471 34PE
LICENSED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ELECTRICAL DETAILS	Phase: CONSTRUCTION DOCUMENTS
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED

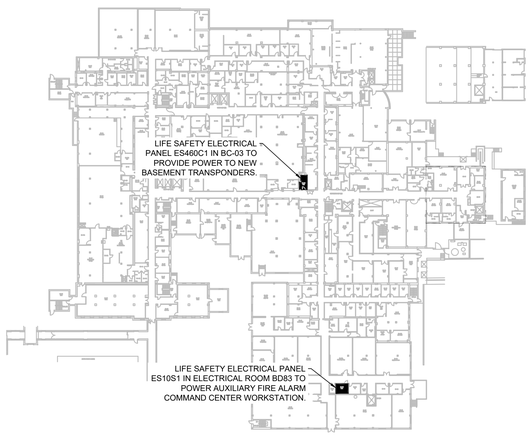
Project Title: FARGO REPLACE FIRE ALARM SYSTEM		Project Number: 437-23-105
		Building Number: 1,9,46
Location: 2101 ELM STREET, FARGO, ND 58102		Drawing Number: E-002
Issue Date: 06/12/2025	Checked: WEW	Drawn: JMS

Dwg. 14 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231

GENERAL ELECTRICAL NOTE
EXISTING ELECTRICAL PANELS INDICATED WILL BE USED TO SUPPLY POWER TO NEW FIRE ALARM EQUIPMENT. REFER TO ENLARGED ELECTRICAL FLOORPLANS ON SHEET E-102 FOR PRECISE PANEL LOCATIONS.

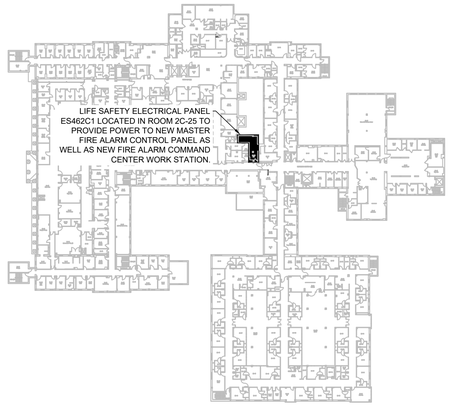


1 BUILDING 1/9/46 - BASEMENT EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/64" = 1'

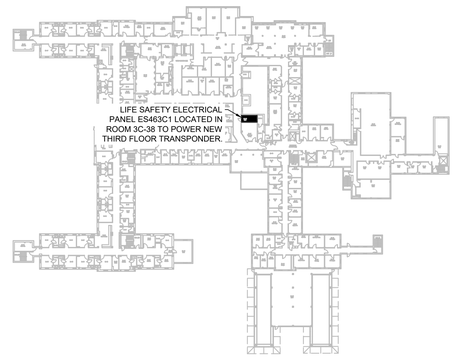
2 BUILDING 1/9/46 - FIRST FLOOR EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/64" = 1'



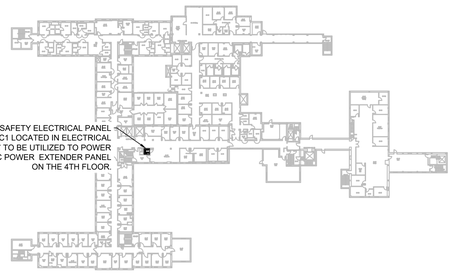
3 BUILDING 1/9/46 - SECOND FLOOR EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/64" = 1'



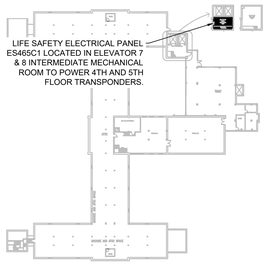
4 BUILDING 1/9/46 - THIRD FLOOR EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/64" = 1'



5 BUILDING 1/9/46 - FOURTH FLOOR EXISTING ELECTRICAL POWER PANEL LOCATION

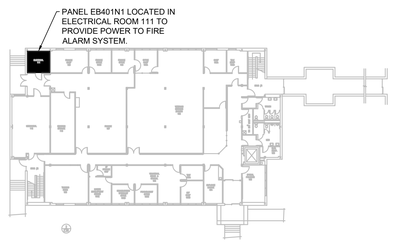
SCALE: 1/64" = 1'



6 BUILDING 1/9/46 - PENTHOUSE EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/64" = 1'

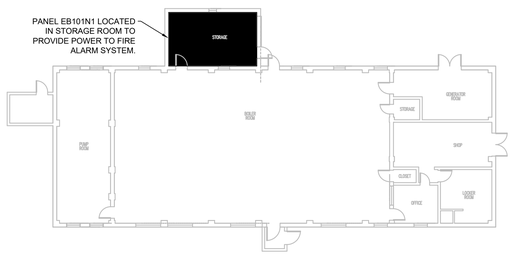
BUILDING 40 CONTAINS NO AREAS DESIGNATED FOR PATIENT CARE, THEREFORE FIRE ALARM SYSTEM DOES NOT REQUIRE LIFE SAFETY BRANCH POWER. EQUIPMENT BRANCH POWER WITH GENERATOR BACKUP IS TO SUPPLY POWER TO THE FIRE ALARM SYSTEM WITHIN THIS BUILDING.



7 BUILDING 40 EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/32" = 1'

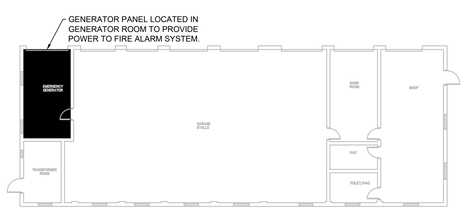
BUILDING 10 CONTAINS NO AREAS DESIGNATED FOR PATIENT CARE, THEREFORE FIRE ALARM SYSTEM DOES NOT REQUIRE LIFE SAFETY BRANCH POWER. EQUIPMENT BRANCH POWER WITH GENERATOR BACKUP IS TO SUPPLY POWER TO THE FIRE ALARM SYSTEM WITHIN THIS BUILDING.



8 BUILDING 10 EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/16" = 1'

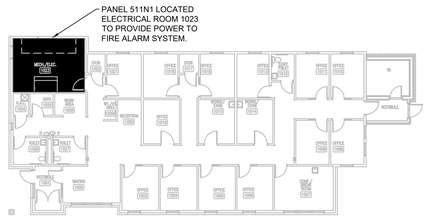
BUILDING 11 CONTAINS NO AREAS DESIGNATED FOR PATIENT CARE, THEREFORE FIRE ALARM SYSTEM DOES NOT REQUIRE LIFE SAFETY BRANCH POWER. A GENERATOR SUPPORTED PANEL IS TO SUPPLY POWER TO THE FIRE ALARM SYSTEM WITHIN THIS BUILDING.



9 BUILDING 11 EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/16" = 1'

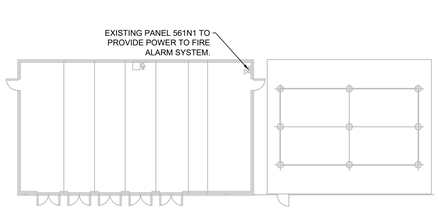
BUILDING 51 CONTAINS NO AREAS DESIGNATED FOR PATIENT CARE, THEREFORE FIRE ALARM SYSTEM DOES NOT REQUIRE LIFE SAFETY BRANCH POWER. NORMAL BRANCH POWER WITH BATTERY BACKUP IS TO SUPPLY POWER TO THE FIRE ALARM SYSTEM WITHIN THIS BUILDING.



10 BUILDING 51 EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/16" = 1'

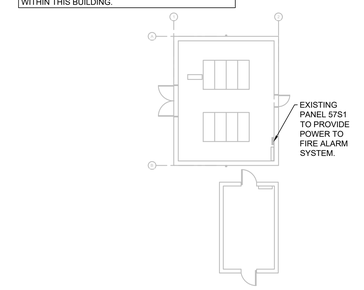
BUILDING 56 CONTAINS NO AREAS DESIGNATED FOR PATIENT CARE, THEREFORE FIRE ALARM SYSTEM DOES NOT REQUIRE LIFE SAFETY BRANCH POWER. NORMAL BRANCH POWER WITH BATTERY BACKUP IS TO SUPPLY POWER TO THE FIRE ALARM SYSTEM WITHIN THIS BUILDING.



11 BUILDING 56 CHILLER PLANT EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/16" = 1'

BUILDING 57 CONTAINS NO AREAS DESIGNATED FOR PATIENT CARE, THEREFORE FIRE ALARM SYSTEM DOES NOT REQUIRE LIFE SAFETY BRANCH POWER. NORMAL BRANCH POWER WITH BATTERY BACKUP IS TO SUPPLY POWER TO THE FIRE ALARM SYSTEM WITHIN THIS BUILDING.



12 BUILDING 57 EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/16" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

MONTANA — WILLIAM E. WOOLSTON — 34PE — LICENSED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: EXISTING ELECTRICAL PANEL LOCATIONS	Phase: CONSTRUCTION DOCUMENTS
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED

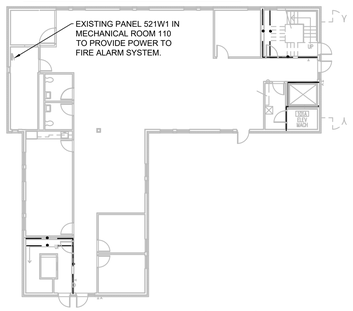
Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
	Building Number: MULTIPLE
Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: E-100
Issue Date: 06/12/2025	Checked: WEW
	Drawn: JMS

Dwg. 15 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231

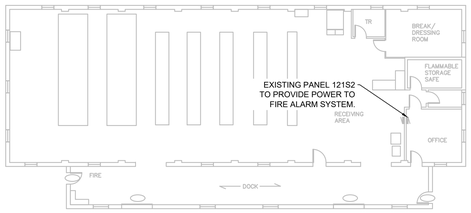
BUILDING 52 CONTAINS NO AREAS DESIGNATED FOR PATIENT CARE, THEREFORE FIRE ALARM SYSTEM DOES NOT REQUIRE LIFE SAFETY BRANCH POWER. NORMAL BRANCH POWER WITH BATTERY BACKUP IS TO SUPPLY POWER TO THE FIRE ALARM SYSTEM WITHIN THIS BUILDING.



1 BUILDING 52 EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/16" = 1'

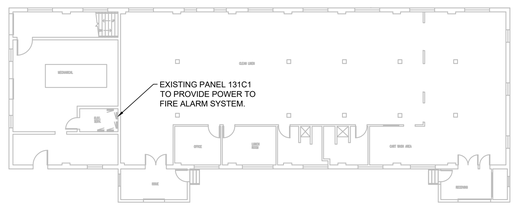
BUILDING 12 CONTAINS NO AREAS DESIGNATED FOR PATIENT CARE, THEREFORE FIRE ALARM SYSTEM DOES NOT REQUIRE LIFE SAFETY BRANCH POWER. NORMAL BRANCH POWER WITH BATTERY BACKUP IS TO SUPPLY POWER TO THE FIRE ALARM SYSTEM WITHIN THIS BUILDING.



2 BUILDING 12 EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/16" = 1'

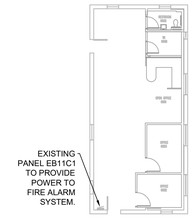
BUILDING 13 CONTAINS NO AREAS DESIGNATED FOR PATIENT CARE, THEREFORE FIRE ALARM SYSTEM DOES NOT REQUIRE LIFE SAFETY BRANCH POWER. NORMAL BRANCH POWER WITH BATTERY BACKUP IS TO SUPPLY POWER TO THE FIRE ALARM SYSTEM WITHIN THIS BUILDING.



3 BUILDING 13 EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/16" = 1'

BUILDING 3 CONTAINS NO AREAS DESIGNATED FOR PATIENT CARE, THEREFORE FIRE ALARM SYSTEM DOES NOT REQUIRE LIFE SAFETY BRANCH POWER. EQUIPMENT BRANCH POWER WITH GENERATOR BACKUP IS TO SUPPLY POWER TO THE FIRE ALARM SYSTEM WITHIN THIS BUILDING.



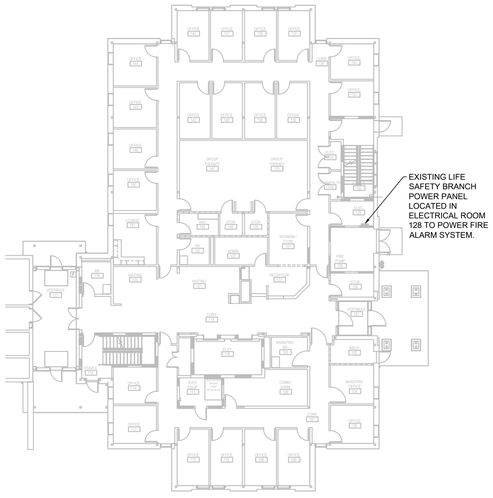
4 BUILDING 3 EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/16" = 1'

GENERAL ELECTRICAL NOTE

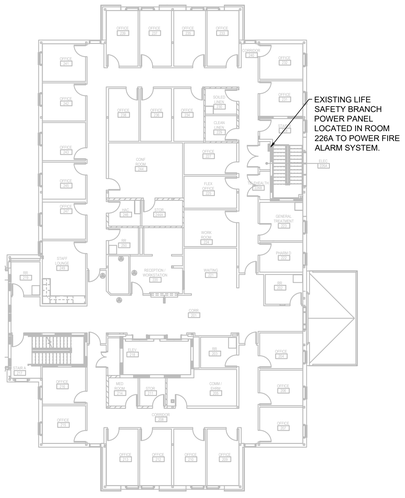
EXISTING ELECTRICAL PANELS INDICATED WILL BE USED TO SUPPLY POWER TO NEW FIRE ALARM EQUIPMENT.

REFER TO ENLARGED ELECTRICAL FLOORPLANS ON SHEET E-102 FOR PRECISE PANEL LOCATIONS.



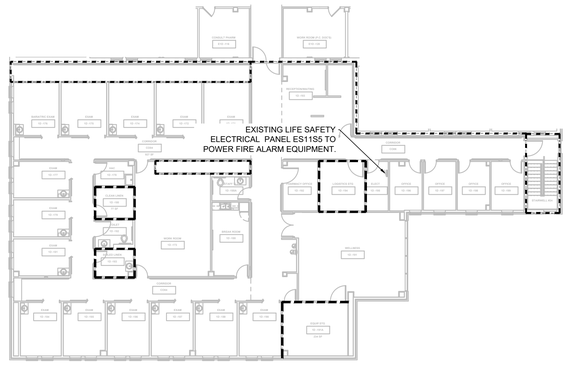
5 BUILDING 52 ADDITION 1ST FLOOR ELECTRICAL POWER PANEL LOCATION

SCALE: 1/16" = 1'



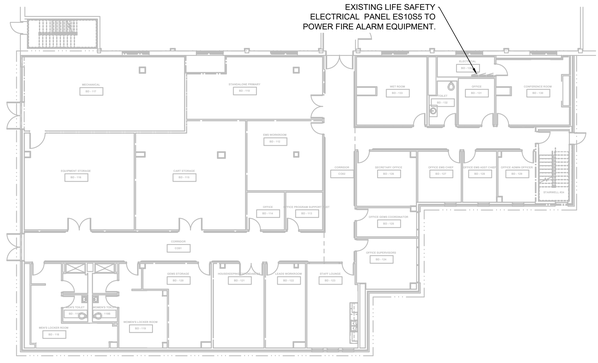
6 BUILDING 52 ADDITION 2ND FLOOR EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/16" = 1'



7 PRIMARY CARE ADDITION EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/16" = 1'



8 PRIMARY CARE ADDITION EXISTING ELECTRICAL POWER PANEL LOCATION

SCALE: 1/16" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

MONTANA WILLIAM E. YORK 34134PE LICENSED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

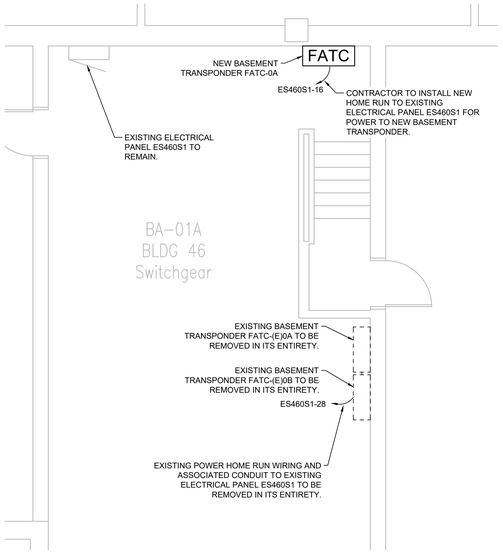
Drawing Title: EXISTING ELECTRICAL PANEL LOCATIONS	Phase: CONSTRUCTION DOCUMENTS
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED

Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
	Building Number: MULTIPLE
Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: E-101
Issue Date: 06/12/2025	Checked: WEW
	Drawn: JMS

Dwg. 16 of 91

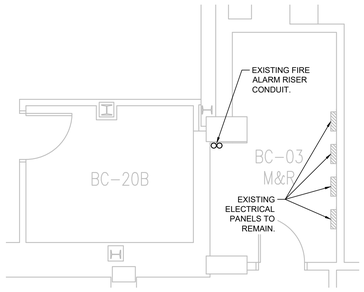
File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231



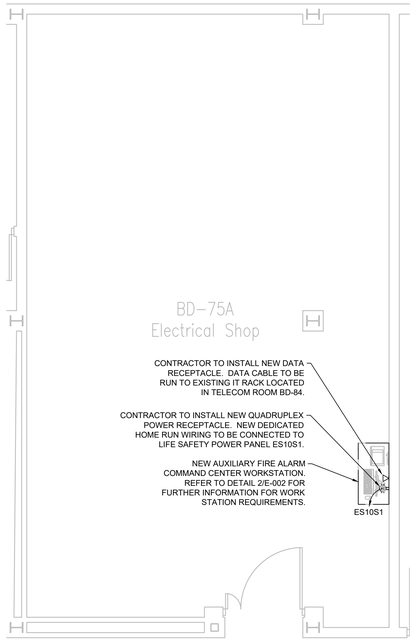
ROOM BA-01A
ENLARGED ELECTRICAL FLOORPLAN

1 SCALE: 1/4" = 1'



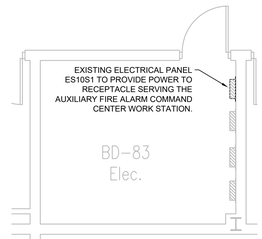
ROOM BC-03
ENLARGED ELECTRICAL FLOORPLAN

2 SCALE: 1/4" = 1'



ROOM BD-75A
ENLARGED ELECTRICAL FLOORPLAN

3 SCALE: 1/4" = 1'

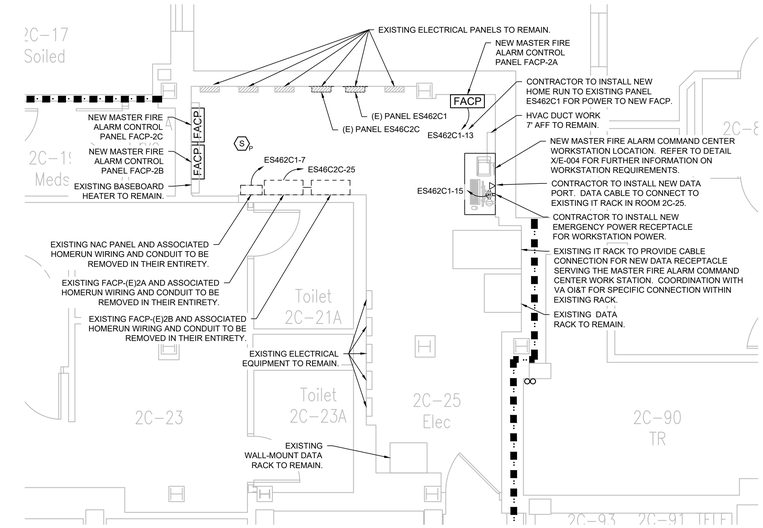


ROOM BD-83
ENLARGED ELECTRICAL FLOORPLAN

4 SCALE: 1/4" = 1'

ROOM 1D-01
ENLARGED ELECTRICAL FLOORPLAN

5 SCALE: 1/4" = 1'



ROOM 2C-25
ENLARGED ELECTRICAL FLOORPLAN

6 SCALE: 1/4" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

MONTANA
WILLIAM E. WOLFINGER
34134PE
REGISTERED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

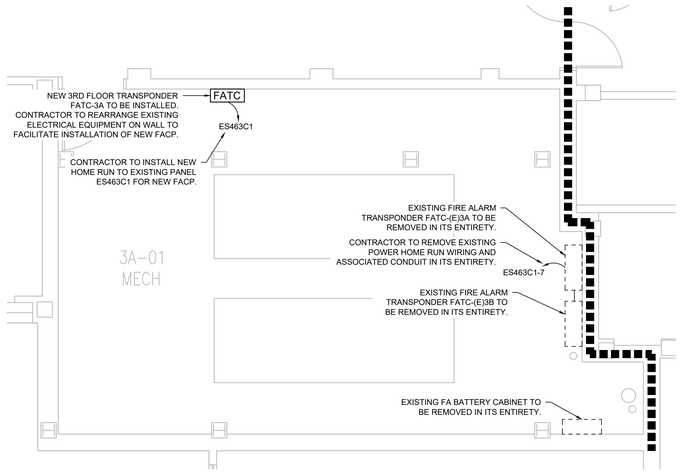
Drawing Title: BUILDING 1/9/46 - ENLARGED ELECTRICAL FLOORPLANS	Phase: CONSTRUCTION DOCUMENTS
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED

Project Title: FARGO REPLACE FIRE ALARM SYSTEM			Project Number: 437-23-105
			Building Number: 1,9,46
Location: 2101 ELM STREET, FARGO, ND 58102			Drawing Number: E-102
Issue Date: 06/12/2025	Checked: WEW	Drawn: JMS	Dwg. 17 of 91

11/15/2022 11:30:03 AM

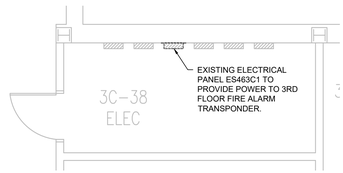
File Path

VA FORM 08 - 6231



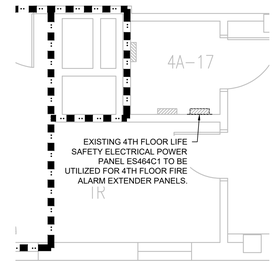
ROOM 3A-01
ENLARGED ELECTRICAL FLOORPLAN

7 SCALE: 1/4" = 1'



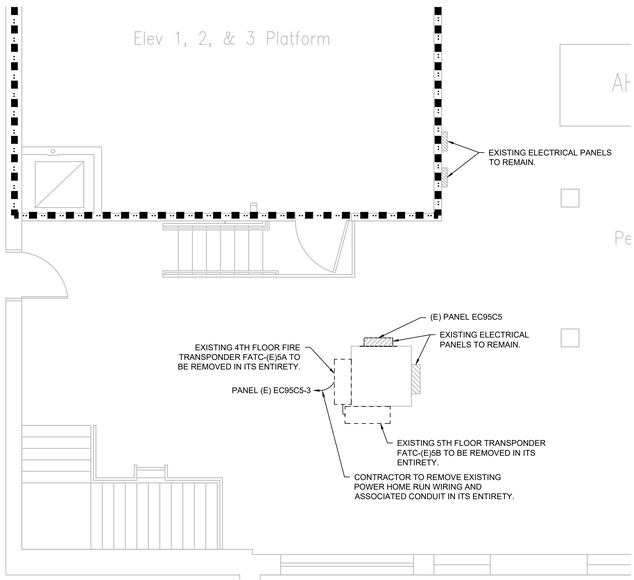
ROOM 3C-38B
ENLARGED ELECTRICAL FLOORPLAN

8 SCALE: 1/4" = 1'



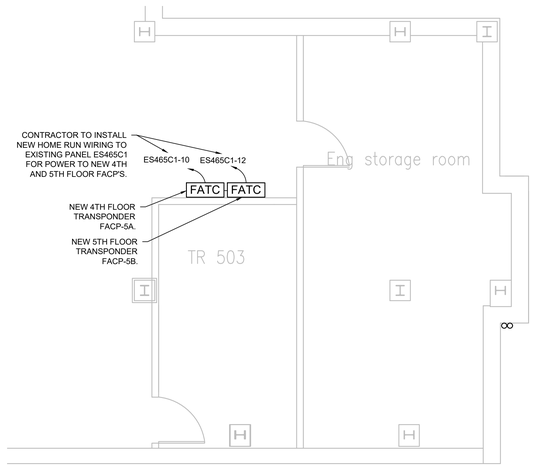
ROOM 4A-17
ENLARGED ELECTRICAL FLOORPLAN

9 SCALE: 1/4" = 1'



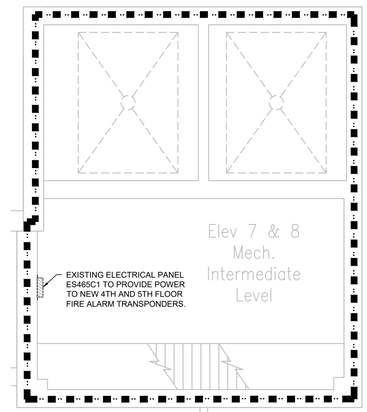
PENTHOUSE A
ENLARGED ELECTRICAL FLOORPLAN

10 SCALE: 1/4" = 1'



PENTHOUSE C
ENLARGED ELECTRICAL FLOORPLAN

11 SCALE: 1/4" = 1'



ELEVATOR 7 & 8 MECHANICAL
ENLARGED ELECTRICAL FLOORPLAN

12 SCALE: 1/4" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

MONTANA — WILLIAM E. WOLFE — 34134PE — LICENSED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

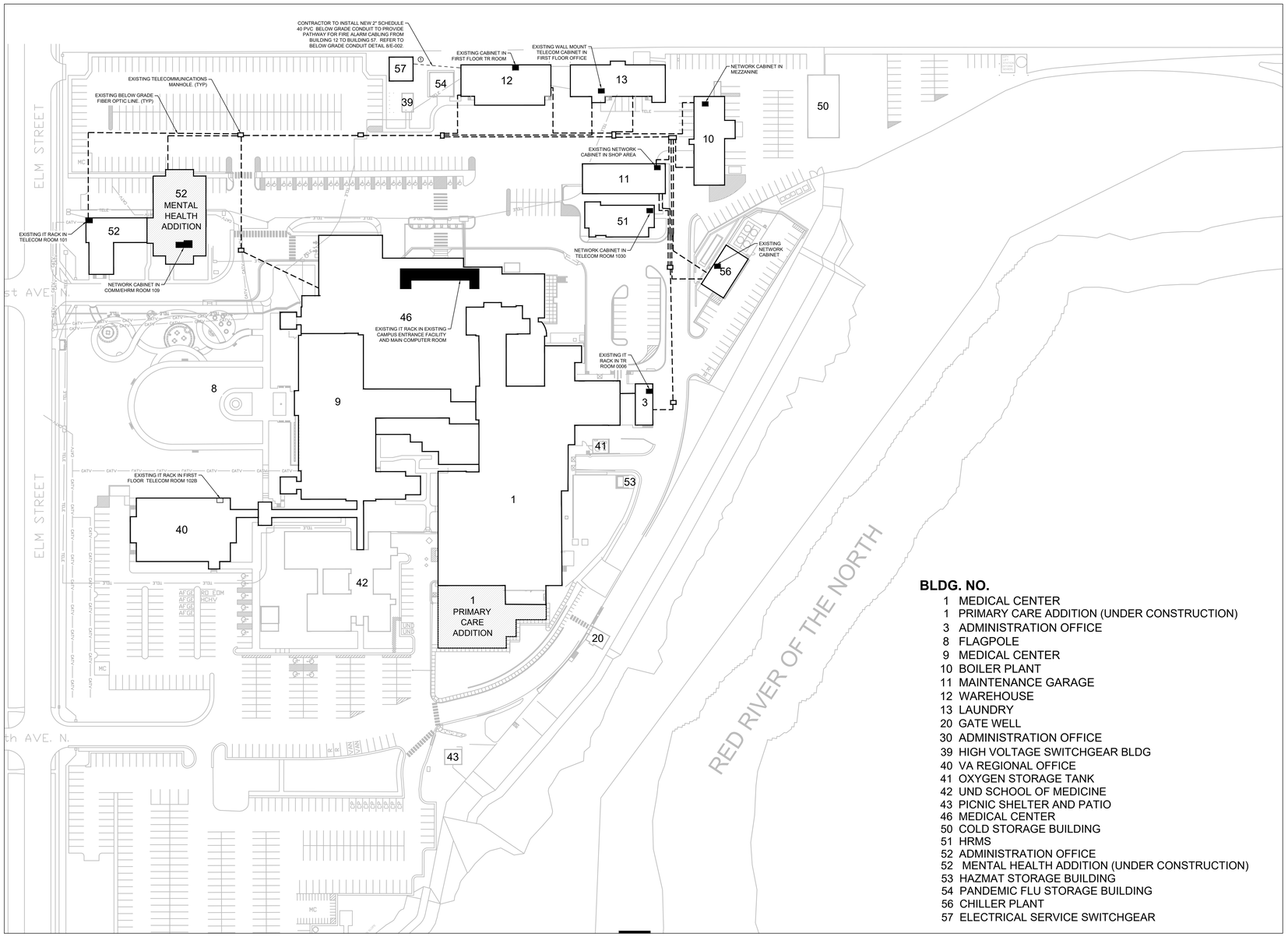
VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 1/9/46 - ENLARGED ELECTRICAL FLOORPLANS	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
			Building Number: 1,9,46
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: E-103
		Issue Date: 06/12/2025 · Checked: WEW · Drawn: JMS	Dwg. 18 of 91

11/15/2022 11:30:03 AM

File Path

VA FORM 08 - 6231



BLDG. NO.

1 MEDICAL CENTER
1 PRIMARY CARE ADDITION (UNDER CONSTRUCTION)
3 ADMINISTRATION OFFICE
8 FLAGPOLE
9 MEDICAL CENTER
10 BOILER PLANT
11 MAINTENANCE GARAGE
12 WAREHOUSE
13 LAUNDRY
20 GATE WELL
30 ADMINISTRATION OFFICE
39 HIGH VOLTAGE SWITCHGEAR BLDG
40 VA REGIONAL OFFICE
41 OXYGEN STORAGE TANK
42 UND SCHOOL OF MEDICINE
43 PICNIC SHELTER AND PATIO
46 MEDICAL CENTER
50 COLD STORAGE BUILDING
51 HRMS
52 ADMINISTRATION OFFICE
52 MENTAL HEALTH ADDITION (UNDER CONSTRUCTION)
53 HAZMAT STORAGE BUILDING
54 PANDEMIC FLU STORAGE BUILDING
56 CHILLER PLANT
57 ELECTRICAL SERVICE SWITCHGEAR

GENERAL NOTE

EXISTING FIBER-OPTIC NETWORK TO REMAIN AND BE REUSED FOR INTERCONNECTION OF CAMPUS FIRE ALARM SYSTEM.

EXISTING CABLE PATHWAYS SHOWN ARE BASED ON DATA PROVIDED BY VA DURING DESIGN. EACH EXISTING DATA CABINET SHOWN WILL HAVE AN EXISTING MULTIMODE FIBER CONNECTION. ONE STRAND WITHIN THE EXISTING MM FO CABLE WILL BE UTILIZED FOR NEW FIRE ALARM BACKBONE CONNECTION.

GENERAL SITE CONSTRUCTION KEYED NOTES

1. CONTRACTOR IS REQUIRED TO HAVE A PROFESSIONAL LOCATION SURVEY FOR ALL UTILITIES PERFORMED USING GROUND PENETRATING RADAR IN PATHWAY OF NEW BURIED FIRE ALARM CONDUIT PRIOR TO ANY EXCAVATION WORK. CONDUIT WILL BE INSTALLED WITH PULL CORD. REFER TO BELOW GRADE CONDUIT DETAIL 8/E-002.

SITE LINE TYPE LEGEND

- EXISTING BELOW GRADE FIBER OPTIC LINE
- NEW BELOW GRADE FIRE ALARM CABLING PATHWAY

1 EXISTING SITE FIBER OPTIC PLAN WITH BUILDING FIBER DEMARC LOCATIONS

SCALE: 1/8" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

MONTANA
WILLIAM E. WENTZ
#17134PE
LICENSED PROFESSIONAL ENGINEER

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: EXISTING SITE DATA AND COMMUNICATIONS PLAN	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: CAMPUS
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: E-300
			Dwg. 19 of 91

File Path:
11/15/2022 11:30:03 AM
VA FORM 08 - 6231

GENERAL FIRE ALARM NOTES

FIRE ALARM NOTES

1. DEMOLISH EXISTING FIRE DETECTION, FIRE ALARM AND OCCUPANT NOTIFICATION SYSTEM IN ITS ENTIRETY INSIDE THE INDICATED PROJECT SCOPE AREA. CONTRACTOR SHALL REPAIR ANY DAMAGES THE BUILDING SUSTAINS DURING DEMOLITION.
2. CONTRACTOR SHALL DISPOSE OF ALL DEMOLISHED COMPONENTS AND MATERIALS IN ACCORDANCE WITH ALL LOCAL AND FEDERAL REGULATIONS.
3. EXISTING FIRE ALARM AND OCCUPANT NOTIFICATION SYSTEM IS TO REMAIN IN OPERATION AT ALL TIMES TO THE FULLEST EXTENT POSSIBLE UNTIL THE NEW FIRE ALARM DEVICES ARE INSTALLED AND TESTED. PLANNED SYSTEM IMPAIRMENTS SHALL COMPLY WITH NFPA REQUIREMENTS. A FIRE WATCH WILL BE PROVIDED FOR SYSTEM IMPAIRMENTS AT THE DISCRETION OF THE COR.
4. MAINTAIN THE EXISTING FIRE ALARM EQUIPMENT FULLY OPERATIONAL UNTIL THE NEW EQUIPMENT HAS BEEN TESTED AND ACCEPTED BY THE COR. AS NEW EQUIPMENT IS INSTALLED, LABEL IT "NOT IN SERVICE" UNTIL THE NEW EQUIPMENT IS ACCEPTED. ONCE THE NEW SYSTEM IS COMPLETED, TESTED AND ACCEPTED BY THE COR, IT SHALL BE PLACED IN SERVICE AND CONNECTED TO THE CAMPUS FIRE ALARM SYSTEM. REMOVE TAGS FROM NEW EQUIPMENT AND TAG THE EXISTING EQUIPMENT "NOT IN SERVICE" UNTIL REMOVED FROM THE BUILDING.
5. REFER TO PLAN DRAWINGS AND PROJECT DOCUMENTS FOR APPROXIMATE FIRE ALARM SYSTEM QUANTITIES AND LOCATIONS. NOT ALL SITE CONDITIONS ARE SHOWN. FIRE ALARM CONTRACTOR SHALL VISIT JOB SITE WITH ALL PROJECT DOCUMENTS PRIOR TO BID TO BECOME FAMILIAR WITH PROJECT DESIGN, INSTALLATION, TESTING AND COMMISSIONING REQUIREMENTS, AND SITE CONDITIONS FOR THE NEW SYSTEM INSTALLATION, TO PROVIDE A COMPREHENSIVE AND COMPLETE BID, CODE COMPLIANT SYSTEM DESIGN, INSTALLATION, TESTING, COMMISSIONING AND APPROVAL REQUIREMENTS.
6. THE MINIMUM REQUIRED NUMBER AND LOCATIONS OF NOTIFICATION APPLIANCES ARE SHOWN. THE CONTRACTOR SHALL ADD NOTIFICATION AS REQUIRED TO MEET AUDIBILITY AND INTELLIGIBILITY REQUIREMENTS OF NFPA 72 AS REQUIRED BASED ON THE PERFORMANCE OF THE SELECTED EQUIPMENT. THE NUMBER AND LOCATION OF NOTIFICATION APPLIANCES SHALL NOT BE REDUCED.
7. CONTRACTOR SHALL SUBMIT COMPLETE BATTERY CALCULATIONS, VOLTAGE DROP CALCULATIONS, MATERIAL DATA SHEETS AND SHOP DRAWINGS TO CONTRACTING OFFICERS REPRESENTATIVE FOR REVIEW PRIOR TO COMMENCING FABRICATION AND INSTALLATION. FAILURE TO COMPLY IS AT THE RISK OF THE CONTRACTOR.
8. FIRE ALARM SIGNALS AND EMERGENCY COMMUNICATIONS SHALL TAKE PRECEDENCE OVER ALL OTHER SIGNALS, SUCH AS, BUT NOT LIMITED TO PUBLIC ADDRESS SYSTEMS.
9. CONTRACTOR SHALL PROVIDE ALL NECESSARY AND REQUIRED SYSTEM PROGRAMMING TO MEET THE DESIGN AND CODE COMPLIANCE.
10. ALL CONDUCTORS FOR THE FIRE ALARM SYSTEM SHALL BE INSTALLED IN EMT CONDUIT AND IN ACCORDANCE WITH NFPA 70. THE CONDUCTORS SHALL NOT BE INSTALLED WITH CONDUCTORS OF LIGHTING OR POWER SYSTEMS. THE SUM OF THE CROSS AREAS OF INDIVIDUAL CONDUCTORS SHALL NOT EXCEED 40% OF THE INTERIOR CROSS SECTION OF THE CONDUIT. ALL FIRE ALARM SYSTEM CONDUIT SHALL NOT BE LESS THAN ¾".
11. WALL MOUNTED FIRE ALARM DEVICES IN UNFINISHED AREAS MAY BE SURFACED MOUNTED. THE CONDUIT MAY BE INSTALLED EXPOSED ON WALLS AND ON CEILINGS.
12. IN FINISHED AREAS, WALL MOUNTED DEVICES SHALL BE FLUSHED MOUNTED. THE CONDUIT SHALL BE INSTALLED CONCEALED IN THE WALLS AND CEILINGS UNLESS REFERENCED AS CEILING MOUNTED.
13. INSTALL CEILING MOUNTED DEVICES AND APPLIANCES IN THE CENTER OR QUARTER POINT OF CEILING TILES, WHERE APPLICABLE.
14. ALL NEW CONDUIT IS TO BE FACTORY FINISHED RED OR PAINTED RED THROUGHOUT THE SYSTEM, FOR BOTH EXPOSED AND CONCEALED CONDUIT.
15. ELECTRICAL AND FIRE ALARM CONTRACTORS SHALL COORDINATE WITH FIRE ALARM VENDOR FOR SYSTEM OPERATING INSTRUCTIONS AND WIRING DIAGRAMS.
16. CONTRACTOR SHALL PROVIDE PATHWAY SURVIVABILITY OF LEVEL 2 IN ACCORDANCE WITH VAFPDM 7.2 E, WHICH STATES THAT WIRING INSTALLED IN METAL RACEWAY WITHIN BUILDINGS THAT ARE PROTECTED THROUGHOUT BY SPRINKLERS SHALL BE CONSIDERED TO MEET THE REQUIREMENTS FOR PATHWAY SURVIVABILITY LEVEL 2 IN ACCORDANCE WITH NFPA 72 (2019) AS A 2 HOUR PERFORMANCE ALTERNATIVE THAT HAS BEEN APPROVED BY THE AUTHORITY HAVING JURISDICTION AND SHALL BE PERMITTED FOR VOICE COMMUNICATION SYSTEMS IN VA FACILITIES.
17. FIRE ALARM CONTRACTOR SHALL PROVIDE POWER PANEL INFORMATION, BREAKER LOCKS AND IDENTIFICATION REQUIREMENTS IN ACCORDANCE WITH NFPA 70 AND NFPA 72 REQUIREMNETS.
18. CONTRACTOR SHALL PROVIDE A WRITTEN SEQUENCE OF OPERATIONS PER VAFPDM 3.5 B, AND ADDITIONALLY PROVIDE AN INPUT/OUTPUT MATRIX ON THE INSTALLATION DRAWINGS IN A FORMAT SHOWN IN NFPA 72. THE SEQUENCE OF OPERATION INCLUDED IN THE DRAWINGS IS FOR CONTRACTOR USE AND GUIDANCE. THE CONTRACTOR SHALL PRODUCE THEIR OWN MATRIX FOR SUBMISSION WITH THEIR SHOP DRAWING PACKAGE.
19. CONTRACTOR SHALL PLAN THE ROUTES FOR CONDUIT TO AVOID ANY PENETRATIONS THROUGH STRUCTURAL FRAMING SUCH AS COLUMNS OR BEAMS.
20. IT IS PERMISSIBLE TO LOCATE PENETRATIONS THROUGH SLABS AND WALLS. FIELD LOCATE CONCRETE REINFORCEMENT USING NON-DESTRUCTIVE MEANS AND ADJUST PENETRATIONS TO AVOID SUCH REINFORCEMENT. LOCATE ANY SUCH PENETRATIONS A MINIMUM OF 1'0" FROM ANY EXISTING PENETRATION SUCH AS OTHER CONDUIT PENETRATIONS, HOLES FOR PIPES, OR DOOR, WINDOW AND FLOOR OPENINGS. LOCATE GROUPS OF PENETRATIONS SO THAT THERE IS A MAXIMUM OF THREE PENETRATIONS IN A LINE AND PROVIDE A CLEAR DISTANCE BETWEEN EACH PENETRATIONS OF 3' MAXIMUM. ALL PENETRATIONS THROUGH FIRE OR SMOKE RATED PARTITIONS, WALLS OR BARRIERS SHALL BE FIRE STOPPED. REFERENCE DRAWINGS FOR LOCATIONS OF THESE WALLS/PARTITIONS/BARRIERS.
21. REFER TO DIVISION 28 FIRE ALARM RELATED SPECIFICATION SECTIONS FOR ADDITIONAL INFORMATION.
22. REMOTE TEST SWITCHES SHALL BE PROVIDED FOR CONCEALED AND/OR INACCESSIBLE DEVICES. TEST SWITCHES SHALL BE MOUNTED ON THE NEAREST WALL LESS THAN 7'0" AFF. PROVIDE ADDRESS LABEL ON OR NEAR THE REMOTE TEST SWITCH OR INACCESSIBLE DEVICE SERVED.
23. DOOR HOLD OPEN RELAYS SHALL BE PROVIDED ABOVE THE DOOR FRAME OF THE DOOR THEY SERVE AND BE PROVIDED IN THEIR OWN JUNCTION BOX. PROVIDED CONTROL RELAY TO RELEASE DOOR AFTER A MAXIMUM OF 60 SECONDS AFTER THE LOSS OF AC POWER.

GENERAL FIRE ALARM CONSTRUCTION NOTES

1. THESE DRAWINGS DEPICT GENERAL LOCATIONS OF LIFE SAFETY EQUIPMENT & FIELD DEVICES. EXACT ROUTING OF CONDUITS TO BE DETERMINED IN THE FIELD BY THE INSTALLING CONTRACTOR TO SUIT CONDITIONS. ALL CHANGES SHALL BE CLEARLY INDICATED ON THE RECORD DRAWINGS.
2. CONTRACTOR IS RESPONSIBLE FOR MAKING AND OBTAINING APPROVAL FOR ALL NECESSARY ADJUSTMENTS IN CIRCUITING AS REQUIRED TO ACCOMMODATE THE RELOCATION OF EQUIPMENT AND/OR DEVICES WHICH ARE AFFECTED BY ANY AUTHORIZED CHANGE. ALL CHANGES SHALL BE CLEARLY INDICATED ON THE RECORD DRAWINGS.
3. A STAMPED SET OF APPROVED FIRE ALARM DRAWINGS SHALL BE AT THE JOB SITE AND SHALL BE USED FOR INSTALLATION.
4. THE POWER CIRCUIT TO THE FACP AND TO THE FIRE ALARM POWER SUPPLIES SHALL BE ON A DEDICATED 120V, 20A BRANCH CIRCUIT BREAKER, AND SHALL HAVE A RED MARKING, LOCK-ON PROVISION AND SHALL BE IDENTIFIED AS "LIFE SAFETY BRANCH CIRCUIT." THE LOCATION OF THE CIRCUIT DISCONNECT MEANS (CIRCUIT BREAKER) SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT.
5. DO NOT APPLY POWER EXCEPT IN THE PRESENCE OF A FACTORY TRAINED TECHNICAL REPRESENTATIVE.
6. ANY SMOKE DETECTOR HEAD INSTALLED BEFORE THE BUILDING IS CLEANED AND ACCEPTED SHALL BE COVERED TO PROTECT FROM DUST. ANY FALSE ALARMS DUE TO DIRT CONTAMINATED HEADS SHALL BE THE RESPONSIBILITY OF THE FIRE ALARM INSTALLER.
7. PROJECT WILL MAINTAIN THE FIRE RESISTANCE INTEGRITY OF ALL WALL, CEILING, AND ROOF ASSEMBLIES ANY TIME THAT WORK IS NOT ACTIVELY BEING PERFORMED.
8. INSTALLATION OF DEVICES SHALL BE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. POWER LIMITED AND NON-POWER LIMITED FIELD WIRING MUST BE INSTALLED WITHIN THE FACP ENCLOSURE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND NEC.
9. ALL WIRING SHALL BE INSTALLED ACCORDING TO 2023 NFPA 70 (NEC).
10. FIRE ALARM CIRCUITS SHALL BE IDENTIFIED IN ACCORDANCE WITH APPROPRIATE SECTION OF NEC 760. MARK ALL FIRE ALARM WIRES IN ACCORDANCE WITH NEC 760 SECTIONS FOR POWER LIMITED AND NON-POWER LIMITED WIRE.
11. FIRE ALARM CABLE SHALL BE INSTALL IN (RED) EMT CONDUIT RACEWAYS.
12. FIRE ALARM CABLE INSTALLED IN UNDERGROUND CONDUIT OR OTHER WET LOCATIONS SHALL BE UL LISTED FOR WET LOCATIONS.
13. FIRE ALARM CIRCUITS EXTENDING BEYOND ONE BUILDING AND RUN OUTDOOR SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 70 ARTICLES 760, 770, 725 AND 800 WHERE APPLICABLE.
14. ALL WIRING, INCLUDING SHIELDS MUST BE DRY AND FREE OF SHORTS AND GROUNDS.
15. ALL SHIELDED WIRE MUST HAVE SHIELD CONTINUITY AT FULL LENGTH OF THE WIRE.
16. ONLY SYSTEM WIRING CAN BE RUN IN THE SAME CONDUIT.
17. 120VAC IS NOT PERMITTED IN THE SAME CONDUIT WITH LOW VOLTAGE WIRING.
18. MAINTAIN 40 PERCENT CONDUIT FILL RATIO AS PER NEC REQUIREMENTS.
19. ALL FIRE ALARM EQUIPMENT SHALL BE INSTALLED PER NFPA 72 AND THE MANUFACTURER'S INSTRUCTIONS.
20. ALL INITIATING DEVICES SHALL BE FIELD LOCATED BASED UPON THE LOCATION OF DIFFUSERS, LIGHTS, AND OTHER POTENTIAL OBSTRUCTIONS.
21. WALL MOUNT THE BOTTOM OF ALL AUDIBLE/VISUAL APPLIANCES AT MIN. 80" AFF, NO MORE THAN 96" AFF OR TOP AT 6" BELOW THE CEILING, WHICHEVER IS LOWER.
22. ALL WIRING INSTALLATION SHALL CONFORM TO THE NEC.
23. ALL WIRING SHALL BE INSTALLED IN RED EMT CONDUIT RACEWAYS.
24. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RETURN ALL WIRES TO THE PANEL FREE OF OPENS, GROUNDS, SHORTS AND/OR ANY OTHER CONDITION THAT MAY PREVENT THE PROPER OPERATION OF THE FIRE ALARM SYSTEM.
25. CIRCUIT NEW EQUIPMENT INTO THE SAME FIRE ALARM ZONE THAT IS SERVING THE SPRINKLER ZONE.
26. REMOVE WIRING ABANDONED AS PART OF THIS PROJECT. ALSO PROVIDE LABELS ON ANY EXISTING ABANDONED WIRE ENCOUNTERED DURING NEW INSTALLATION (FOR REMOVAL BY VA STAFF).
27. THE NEW SYSTEM SHALL INCLUDE PRIORITY 2 ALARMS AS INDICATED ON THE DRAWINGS. THE NEW FIRE ALARM CONTROL UNIT MUST SUPPORT PRIORITY 2 SIGNALING FUNCTIONALITY. THE CONTRACTOR SHALL PROVIDE ALL RACEWAY, CONDUCTORS, RELAYS/DEVICES, ENGINEERING, PROGRAMMING, GRAPHICS, AND COMMISSIONING ASSISTANCE TO INTEGRATE PRIORITY 2 SIGNALS/ALARMS AS SHOWN ON PLANS INTO NEW FA SYSTEM.

FIRE ALARM SCOPE OF WORK NOTES

SCOPE OF WORK

1. PROJECT SCOPE INCLUDES THE FOLLOWING: FULL REPLACEMENT OF THE EXISTING FIRE ALARM SYSTEM IN AN ACTIVE HOSPITAL. DETECTION DEVICES, WIRING, CONDUIT, NOTIFICATION APPLIANCES, ANNUNCIATORS, FIRE ALARM PANELS, POWER SUPPLIES, AREA SMOKE DETECTORS, DUCT DETECTORS, HEAT DETECTORS, ELEVATOR RECALL INITIATION DEVICES, DOOR HOLD RELAY MODULES, ETC. WILL BE REPLACED IN THEIR ENTIRETY. THE PROJECT WILL BE PHASED TO ACCOMMODATE THE ACTIVE FACILITY AND TO MINIMIZE THE SYSTEM DOWNTIME. THE NEW FIRE ALARM SYSTEM COMPONENTS WILL BE INSTALLED AND BROUGHT ONLINE PRIOR TO THE REMOVAL OF THE EXISTING COMPONENTS.
2. THE NEW SYSTEM COMPONENTS WILL BE INSTALLED TO MEET NFPA 72- 2019 EDITION, NFPA 101 - 2018 EDITION & VAFPDM - 8TH EDITION. AT THE OWNER'S DIRECTION, THE FOLLOWING MODIFICATION TO THE REQUIREMENTS OF VAFPDM ARE PROPOSED:
   a. ELECTRICAL MEDIUM VOLTAGE SWITCHGEAR, AND DATA ROOMS/CLOSETS WILL BE PROVIDED WITH SMOKE DETECTION.
   b. TELE/COMM/DATA ROOMS /CLOSETS WILL BE PROVIDED WITH SMOKE DETECTION.
   c. ALL VA DEFINED "HEAD-END EQUIPMENT ROOMS" WILL BE PROVIDED WITH SMOKE DETECTION.
   d. HEAT DETECTION WILL BE PROVIDED IN ALL MECHANICAL SPACES.
3. DEMOLITION: THE EXISTING FIRE ALARM EQUIPMENT WILL BE REMOVED IN A PHASED PROCESS OVER THE COURSE OF THE PROJECT AS THE NEW EQUIPMENT IS BROUGHT IN ONLINE. DUE TO THE PHASING, SOME MAIN INFRASTRUCTURE EQUIPMENT WILL NEED TO BE ACTIVE FROM THE START OF THE PROJECT (FACP, TRANSPONDER CABINETS, ANNUNCIATORS, WORKSTATIONS, ETC.). CEILINGS, WALLS, AND FLOORS THAT CONDUIT IS CURRENTLY PASSING THROUGH, AND WALLS AND CEILINGS THAT DEVICES AND APPLIANCES ARE CURRENTLY ATTACHED TO, WILL BE IMPACTED DURING DEMOLITION AND WILL REQUIRE FILLING AND PATCHING ON A CASE-BY-CASE BASIS. WALLS, CEILING AND FLOORS WILL BE REPAIRED TO MATCH THE EXISTING CONSTRUCTION AND/OR FIRE/SMOKE RATINGS AS APPLICABLE. WHERE CONDUIT CANNOT BE REMOVED OR IS OVERLY DIFFICULT TO REMOVE FROM EXISTING WALLS, THE CONDUIT CAN BE CUT FLUSH TO THE WALL OR FLOOR ON BOTH SIDES AND FILLED WITH FIRESTOP IN FIRE/SMOKE RATED WALLS/FLOORS OR FLOORS. FOR NON-RATED WALLS OR PARTITIONS, THE CONDUIT CAN BE CUT AND FILLED WITH COMPATIBLE FILL FOR THE WALL/FLOOR PENETRATION.
4. AREAS WHERE SMOKE DETECTION IS CURRENTLY INSTALLED AND NO LONGER REQUIRED PER CURRENT REQUIREMENTS, SMOKE DETECTION DEVICES WILL BE REMOVED AND WILL NOT BE RE-INSTALLED. SEE DRAWINGS FOR IDENTIFICATION OF THESE AREAS.
5. THE FIRE SUPPRESSION SCOPE FOR THIS PROJECT IS LIMITED TO DISCONNECTING AND RECONNECTING THE EXISTING FIRE SPRINKLER, STANDPIPE, KITCHEN HOOD SYSTEMS, PRE-ACTION PANELS, AND FIRE PUMP MONITORING DEVICES (2 FIRE PUMPS). THESE DEVICES ARE LOCATED THROUGHOUT THE FACILITY. THE DEVICES CONSIST OF WATER FLOW SWITCHES, VALVE SUPERVISORY SWITCHES, PRESSURE SWITCHES AND FIRE PUMP MONITORING POINTS.
6. NEW ELECTRICAL POWER FEEDS WILL BE PROVIDED TO ACCOMMODATE REVISED PANEL AND POWER SUPPLY LOCATIONS. POWER FEEDS CURRENTLY SUPPLING THE EXISTING FIRE ALARM SYSTEM WILL BE REMOVED WHEN DEMOLITION OF EXISTING FACP AND NAC PANELS IS PERFORMED. REFER TO ELECTRICAL DRAWINGS.
7. PROJECTS CURRENTLY UNDER CONSTRUCTION INCLUDE ADDITIONS TO BUILDING 1 AND BUILDING 52. CONDUIT AND WIRING MAY BE REUSED, DEVICES SHALL BE REPLACED FOR COMPATIBILITY WITH NEW FACPS. WIRING SHALL BE CONNECTED TO SYSTEMS IN ADJACENT BUILDING.

GENERAL FIRE ALARM CONSTRUCTION NOTES

GENERAL NOTES

1. DESIGN AND INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 70 "NATIONAL ELECTRICAL CODE", 2023 EDITION; NFPA 72, "NATIONAL FIRE ALARM AND SIGNALING CODE, 2019 EDITION; NFPA 101, "LIFE SAFETY CODE, 2018 EDITION; NFPA 241, "SAFEGUARDING CONSTRUCTION, ALTERATION, AND DEMOLITION OPERATIONS", 2019 EDITION; AND VA FIRE PROTECTION DESIGN MANUAL(VAFPDM), EIGHTH EDITION.
2. THE INTENT AND EXTENT OF THE FIRE PROTECTION SYSTEM DESIGN IS PERFORMANCE BASED IN NATURE AND IS DIAGRAMMATIC ONLY. IT IS NOT INTENDED TO SHOW EVERY PIPE, FITTING, DEVICE, APPLIANCE, COMPONENT, ETC. FIRE ALARM FLOOR PLANS AND RISER DIAGRAM ARE DIAGRAMMATIC AND NOT INTENDED TO SHOW EACH AND EVERY COMPONENT, DEVICE, APPLIANCE, ETC. CONDUIT PATHWAYS AND INTERCONNECTIONS SHALL BE DETERMINED BY THE BUILDING FEATURES, NFPA 70, NFPA 72, SYSTEM MANUFACTURER REQUIREMENTS AND RECOMMENDATIONS.
3. CONTRACTOR SHALL VISIT JOB SITE PRIOR TO BID WITH THE PROJECT DOCUMENTS AND SPECIFICATIONS TO BECOME FAMILIAR WITH THE SITE AND SCOPE OF WORK. NOTIFY ENGINEER OF RECORD OF ANY DISCREPANCIES OUTSIDE DESIGN INTENT. ANY CHANGE ORDER REQUEST AS A RESULT OF COORDINATION BETWEEN TRADES SHALL BE DENIED.
4. ADHERE TO AND OBTAIN ALL PERMITS AND LICENSES FOR BOTH LOCAL AND FEDERAL GOVERNMENT REQUIREMENTS.
5. DO NOT SCALE PLANS FOR THE PURPOSE OF ESTABLISHING DIMENSIONS. FIELD DIMENSIONS GOVERN.
6. FIRE STOP ALL PENETRATIONS OF SMOKE/FIRE PENETRATIONS. FIRE STOPPING SHALL BE UL LISTED ASSEMBLIES.
7. IF ASBESTOS OR LEAD BASED PAINT IS FOUND, SUB-CONTRACTOR SHALL IMMEDIATELY STOP WORK AND NOTIFY OWNER. OWNER IS RESPONSIBLE FOR ABATEMENT OF LEAD PAINT AND ASBESTOS.

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL DRAWING NOTE

THIS DRAWING SET UTILIZES COLORS TO DIFFERENTIATE BETWEEN NEW AND EXISTING DEVICES. CONTRACTOR SHOULD BE AWARE THAT ANY HARD COPIES SHOULD BE PRINTED IN COLOR SO AS NOT TO LOSE IMPORTANT DRAWING CLARITY.

GENERAL DRAWING NOTE

DRAWING BACKGROUNDS FOR THESE CONSTRUCTION DOCUMENTS WERE CREATED UTILIZING VA PROVIDED FILE INFORMATION FROM LIFE SAFETY PLAN DATED 3/7/2024 AND ARE CONSIDERED TO REFLECT COMPLETE INFORMATION FOR MOST CRITICAL AREAS FOR FIRE ALARM NEEDS.

AREAS NOT SPECIFICALLY CALLED OUT BY ROOM NAME ARE TO BE CONSIDERED AS AREAS OF NO SUBSTANTIAL CIRCUMSTANCE FOR FIRE ALARM PLANS.

A COMPLETE LIST OF ROOM NUMBERS AND ASSOCIATED ROOM NAMES HAS BEEN PROVIDED ON SHEETS G-303, G-304 & G-305 FOR REFERENCE.

GENERAL BAS INTEGRATION NOTE

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM INTEGRATION OF ALL NEW DUCT SMOKE DETECTORS AND FAN SHUT DOWN RELAY MODULES INTO THE NEW FIRE ALARM SYSTEM. DISCONNECTION, RECONNECTION, BAS PROGRAMMING ADJUSTMENTS, AND TESTING OF ALL REQUIRED SUPERVISORY HVAC SHALL BE PERFORMED IN CONJUNCTION WITH AN APPROVED BAS CONTROLS CONTRACTOR.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM INTEGRATION (WIRING AND PROGRAMMING) OF EXISTING ELEVATOR FIRE ALARM SIGNALS TO THE NEW FIRE ALARM SYSTEM AND PERFORM ASSOCIATED TESTING AND COMMISSIONING SERVICES.

REFER TO SPECIFICATION SECTION 283100.3.3.A FOR A LIST OF BAS CONTROL CONTRACTORS FAMILIAR WITH THE FARGO VA FACILITY AND ABLE TO PERFORM ADJUSTMENTS ON THEIR RESPECTIVE SYSTEMS.

FIRE ALARM DEVICE POWER & DATA CONNECTION REQUIREMENTS SCHEDULE

SYMBOL			POWER CONNECTIONS			DATA CONNECTIONS			AUDIO	
EXISTING	NEW	DESCRIPTION	120V POWER	0-24V	POE	FIBER	CAT6A DATA	PHONE RJ-11	HORN	VOICE
C	FACP	FIRE ALARM CONTROL PANEL	X*			X		X		
T	FATC	FIRE ALARM TRANSPONDER CABINET	X*			X		X		
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL		X						
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL	X*							
IAM	M XX	MONITORING MODULE		X						
S	S P	PHOTOELECTRIC SMOKE DETECTOR AND BASE		X						X
S E	S E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL		X						X
C		SIGNAL LIGHT, STROBE - CEILING MOUNT		X						
S CLG		FIRE ALARM AUDIO DEVICE W/ STROBE - CEILING MOUNT		X						X
S		FIRE ALARM AUDIO DEVICE - CEILING MOUNT		X						X
		SIGNAL LIGHT, STROBE - WALL MOUNT		X						X
S		FIRE ALARM AUDIO DEVICE W/ STROBE - WALL MOUNT		X						
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE		X						
FS		FIRE ALARM AUDIO DEVICE - WALL MOUNT		X						
B	B	FIRE ALARM, BELL		X						
HF	P	FIRE ALARM STATION, MANUAL PULL		X						
DH	DH	MAGNETIC DOOR HOLDER		X						
DH I	DH	INTEGRAL MAGNETIC DOOR HOLDER		X						
DS	SD	DUCT MOUNTED SMOKE DETECTOR		X						
H	HD	HEAT SENSOR		X						
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE		X						
TS	TS	TAMPER SWITCH MONITORING MODULE		X						
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE		X						
CM	CM	CONTROL MODULE		X						
R	R XX	RELAY MODULE		X						

NOTES:

* ALL 120V POWER SOURCES SERVING FIRE ALARM SYSTEM CONTROL PANELS, TRANSPONDERS AND NAC PANELS ARE REQUIRED TO HAVE EMERGENCY BATTERY BACKUP AS OUTLINED IN SPECIFICATION SECTION 283100.2.4.D POWER PANELS SERVING FACP, TRANSPONDERS AND NAC PANELS IN AREAS DESIGNATED AS PATIENT CARE AREAS MUST BE CONNECTED TO THE LIFE SAFETY BRANCH OF THE CAMPUS POWER SYSTEM. FACP, TRANSPONDERS AND NAC PANELS LOCATED IN AUXILIARY BUILDINGS WHERE NO PATIENT CARE IS PERFORMED MAY BE SERVED BY EITHER THE NORMAL OR EQUIPMENT BRANCH POWER SYSTEMS AND BATTERY BACKUP WILL STILL BE REQUIRED.

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	FIRE ALARM REQUIREMENTS, LEGENDS & SCHEDULES
Phase	CONSTRUCTION DOCUMENTS
Project Title	FARGO REPLACE FIRE ALARM SYSTEM
Project Number	437-23-105
Building Number	MULTIPLE
Approved: Project Director	TODD DALZELL
	FULLY SPRINKLERED
Location	2101 ELM STREET, FARGO, ND 58102
Issue Date	06/12/2025
Checked	WEW
Drawn	JMS
Drawing Number	FA-000
	Dwg. 20 of 91

11/15/2022 11:30:03 AM

File Path

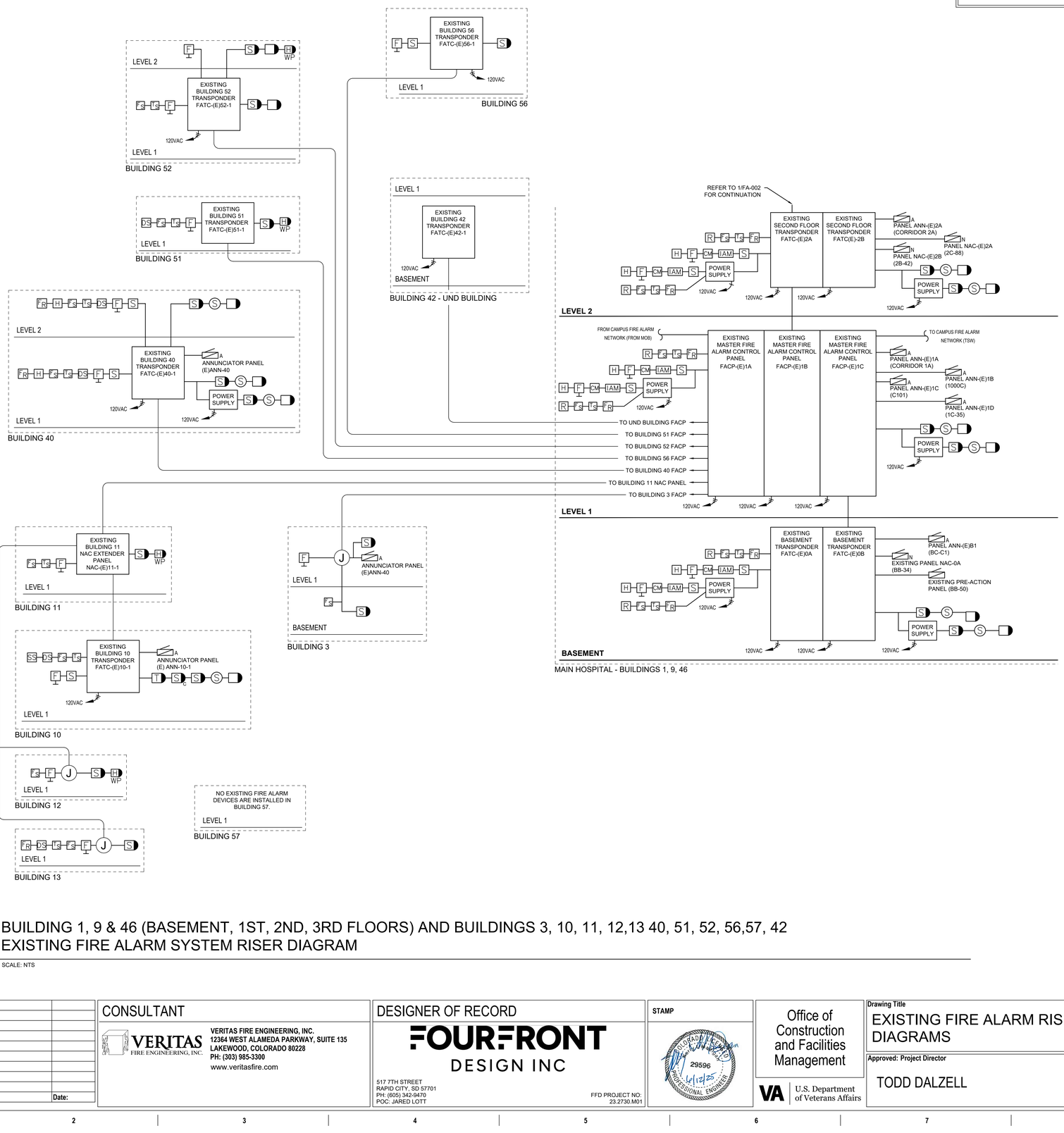
VA FORM 08 - 6231

GENERAL RISER DIAGRAM NOTE

THE RISER SHOWN IS A DIAGRAMMATICAL REPRESENTATION OF THE SYSTEM AND DOES NOT SHOW ALL DEVICES. IT IS NOT INTENDED TO REPRESENT ACTUAL WIRE RUNS OR PANEL CONFIGURATIONS. REFER TO FIRE ALARM FLOOR PLAN DRAWINGS FOR LAYOUT OF INDIVIDUAL DEVICES.

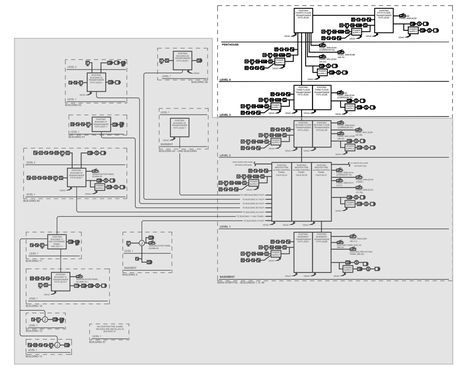
FIRE ALARM LEGEND - EXISTING

SYMBOL	DESCRIPTION
C	FIRE ALARM CONTROL PANEL
T	FIRE ALARM TRANSPONDER CABINET
A	FIRE ALARM ANNUNCIATOR PANEL
N	NOTIFICATION APPLIANCE CIRCUIT EXTENDER
IAM	INDICATOR ADDRESSABLE MODULE
S	PHOTOELECTRIC SMOKE DETECTOR AND BASE
SE	SMOKE DETECTOR FOR ELEVATOR RECALL
	ALARM, SIGNAL LIGHT, STROBE - WALL MOUNT
S	FIRE ALARM AUDIO DEVICE W/ STROBE - WALL
S CLG	FIRE ALARM AUDIO DEVICE W/ STROBE - CEILING
H WP	EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
(S)	FIRE ALARM AUDIO DEVICE
HF	FIRE ALARM STATION, MANUAL PULL
FS	FIRE SPRINKLER FLOW SWITCH
DH	MAGNETIC DOOR HOLDER
DH I	INTEGRAL MAGNETIC DOOR HOLDER
DS	DUCT MOUNTED SMOKE DETECTOR
H	HEAT SENSOR
TS	TAMPER SWITCH
FR	FAN SHUT-DOWN RELAY
S B	FIRE ALARM BELL
CM	CONTROL MODULE
R	RELAY



BUILDING 1, 9 & 46 (BASEMENT, 1ST, 2ND, 3RD FLOORS) AND BUILDINGS 3, 10, 11, 12,13 40, 51, 52, 56,57, 42
EXISTING FIRE ALARM SYSTEM RISER DIAGRAM

1 SCALE: NTS



FULL VIEW OVERALL CAMPUS
EXISTING FIRE ALARM SCHEMATIC

2 SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: EXISTING FIRE ALARM RISER DIAGRAMS	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: MULTIPLE
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-001
			Dwg. 21 of 91

File Path: 11/15/2022 11:30:03 AM

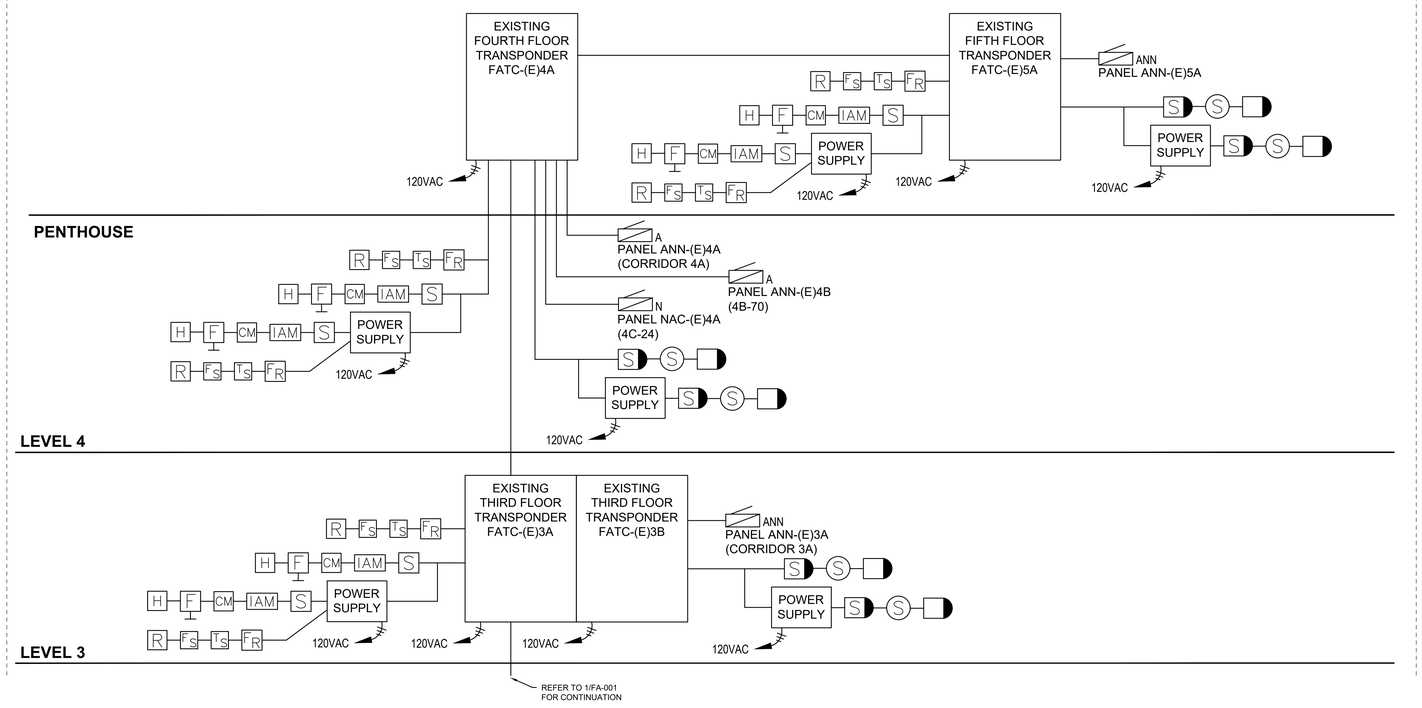
VA FORM 08 - 6231

GENERAL RISER DIAGRAM NOTE

THE RISER SHOWN IS A DIAGRAMMATICAL REPRESENTATION OF THE SYSTEM AND DOES NOT SHOW ALL DEVICES. IT IS NOT INTENDED TO REPRESENT ACTUAL WIRE RUNS OR PANEL CONFIGURATIONS. REFER TO FIRE ALARM FLOOR PLAN DRAWINGS FOR LAYOUT OF INDIVIDUAL DEVICES.

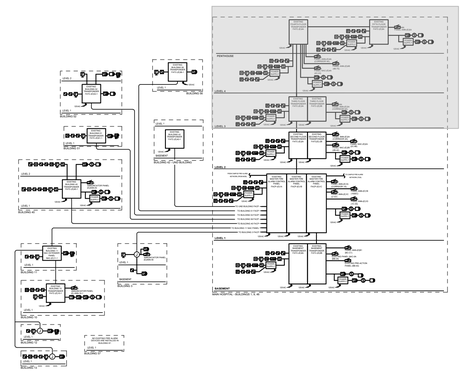
FIRE ALARM LEGEND - EXISTING

SYMBOL	DESCRIPTION
C	FIRE ALARM CONTROL PANEL
T	FIRE ALARM TRANSPONDER CABINET
A	FIRE ALARM ANNUNCIATOR PANEL
N	NOTIFICATION APPLIANCE CIRCUIT EXTENDER
IAM	INDICATOR ADDRESSABLE MODULE
S	PHOTOELECTRIC SMOKE DETECTOR AND BASE
SE	SMOKE DETECTOR FOR ELEVATOR RECALL
	ALARM, SIGNAL LIGHT, STROBE - WALL MOUNT
S	FIRE ALARM AUDIO DEVICE W/ STROBE - WALL
S CLG	FIRE ALARM AUDIO DEVICE W/ STROBE - CEILING
H WP	EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
S	FIRE ALARM AUDIO DEVICE
H F	FIRE ALARM STATION, MANUAL PULL
FS	FIRE SPRINKLER FLOW SWITCH
DH	MAGNETIC DOOR HOLDER
DH I	INTEGRAL MAGNETIC DOOR HOLDER
DS	DUCT MOUNTED SMOKE DETECTOR
H	HEAT SENSOR
TS	TAMPER SWITCH
FR	FAN SHUT-DOWN RELAY
S	FIRE ALARM BELL
CM	CONTROL MODULE
R	RELAY



BUILDINGS 1,9 & 46 - THIRD FLOOR, FOURTH FLOOR & PENTHOUSE
EXISTING FIRE ALARM SYSTEM RISER DIAGRAM

1 SCALE: 1/8" = 1'



FULL VIEW OVERALL CAMPUS
EXISTING FIRE ALARM SCHEMATIC

2 SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-0470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

COLORADO LICENSED 29596 PROFESSIONAL ENGINEER 11/12/25

Office of Construction and Facilities Management

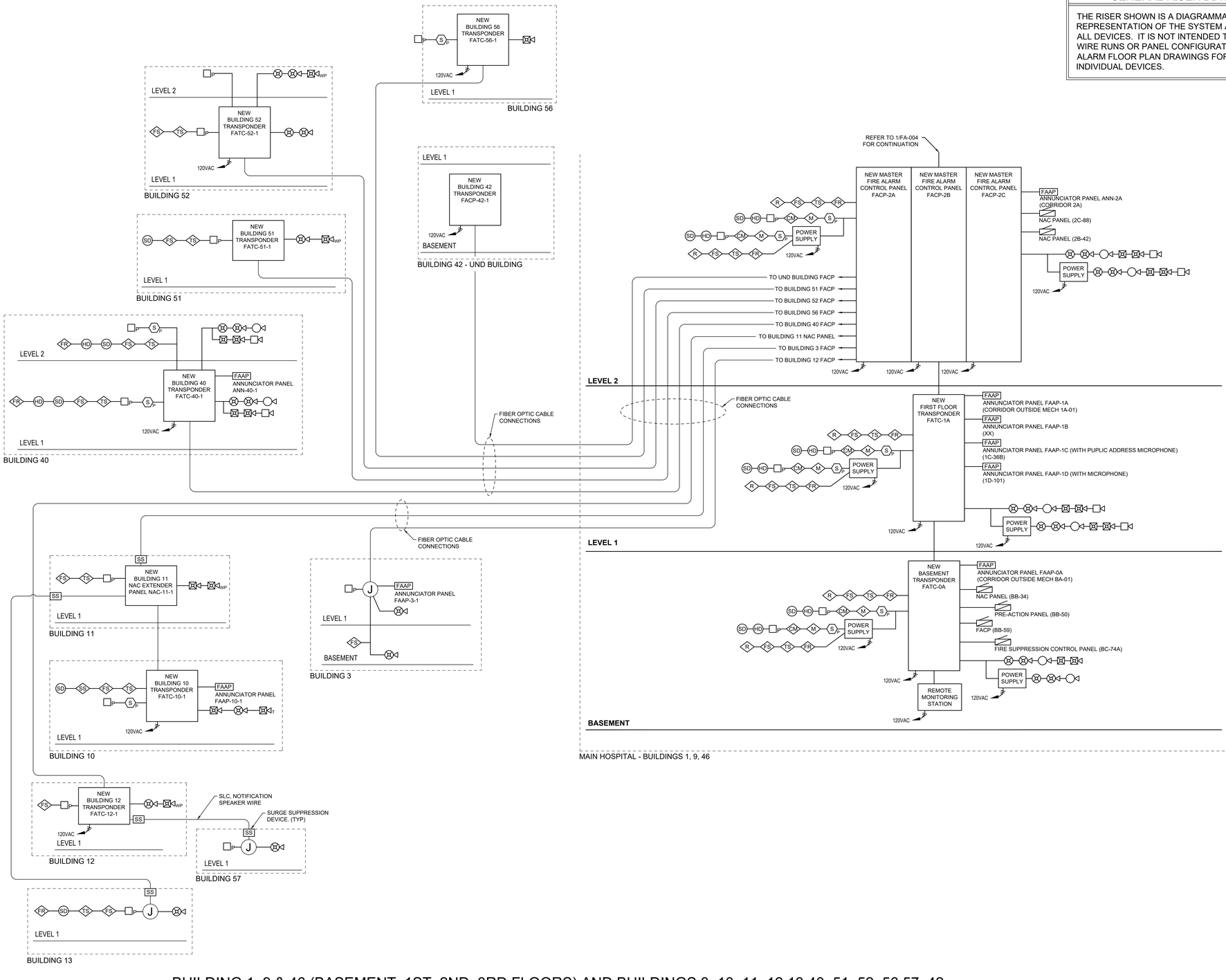
VA U.S. Department of Veterans Affairs

Drawing Title: EXISTING FIRE ALARM RISER DIAGRAMS	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: MULTIPLE
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-002 Dwg. 22 of 91

11/15/2022 11:30:03 AM

File Path:

VA FORM 08 - 6231



GENERAL RISER DIAGRAM NOTE

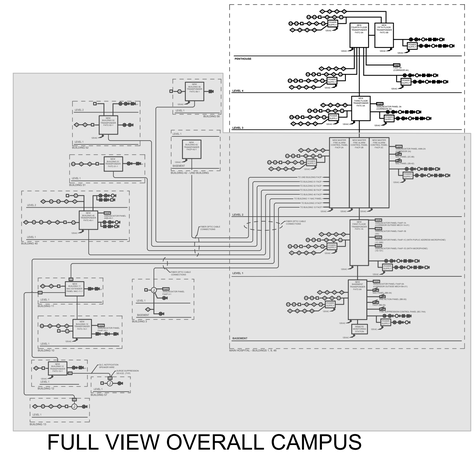
THE RISER SHOWN IS A DIAGRAMMATICAL REPRESENTATION OF THE SYSTEM AND DOES NOT SHOW ALL DEVICES. IT IS NOT INTENDED TO REPRESENT ACTUAL WIRE RUNS OR PANEL CONFIGURATIONS. REFER TO FIRE ALARM FLOOR PLAN DRAWINGS FOR LAYOUT OF INDIVIDUAL DEVICES.

FIRE ALARM LEGEND - NEW

NEW	
FACP	FIRE ALARM CONTROL PANEL
FATC	FIRE ALARM TRANSPONDER CABINET
FAAP	FIRE ALARM ANNUNCIATOR PANEL
NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S/P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S/E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
	SIGNAL LIGHT, STROBE - CEILING MOUNT
	FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
	FIRE ALARM SPEAKER - CEILING MOUNT
	SIGNAL LIGHT, STROBE - WALL MOUNT
	FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
WP	EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
	FIRE ALARM SPEAKER - WALL MOUNT
B	FIRE ALARM, BELL
P	FIRE ALARM STATION, MANUAL PULL
SD	DUCT MOUNTED SMOKE DETECTOR
HD	HEAT DETECTOR / SENSOR
DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TAMPER SWITCH MONITORING MODULE
FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CONTROL MODULE
R/XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
M/XX	MONITORING MODULE P2 = PRIORITY 2 ALARM SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

BUILDING 1, 9 & 46 (BASEMENT, 1ST, 2ND, 3RD FLOORS) AND BUILDINGS 3, 10, 11, 12,13 40, 51, 52, 56,57, 42
NEW FIRE ALARM SYSTEM RISER DIAGRAM

1 SCALE: NTS



FULL VIEW OVERALL CAMPUS
NEW FIRE ALARM SCHEMATIC

2 SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

COLORADO LICENSED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title	NEW FIRE ALARM RISER DIAGRAMS
Approved: Project Director	TODD DALZELL
Phase	CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	FARGO REPLACE FIRE ALARM SYSTEM
Location	2101 ELM STREET, FARGO, ND 58102
Issue Date	06/12/2025
Checked	WEW
Drawn	JMS
Project Number	437-23-105
Building Number	MULTIPLE
Drawing Number	FA-003
	Dwg. 23 of 91

11/15/2022 11:30:03 AM

File Path

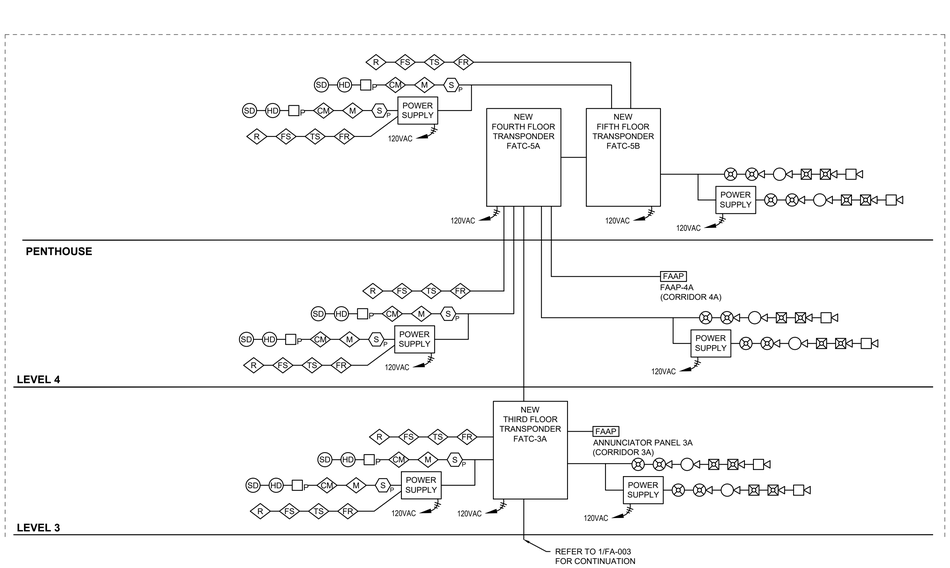
VA FORM 08 - 6231

GENERAL RISER DIAGRAM NOTE

THE RISER SHOWN IS A DIAGRAMMATICAL REPRESENTATION OF THE SYSTEM AND DOES NOT SHOW ALL DEVICES. IT IS NOT INTENDED TO REPRESENT ACTUAL WIRE RUNS OR PANEL CONFIGURATIONS. REFER TO FIRE ALARM FLOOR PLAN DRAWINGS FOR LAYOUT OF INDIVIDUAL DEVICES.

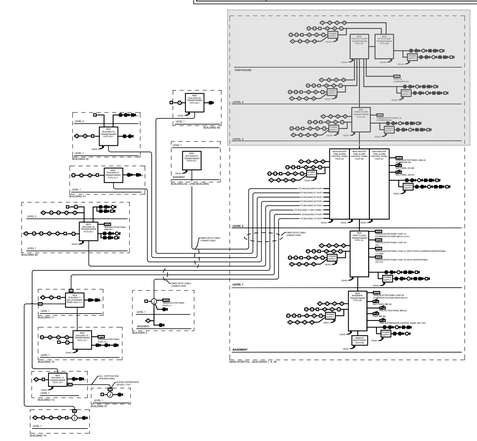
FIRE ALARM LEGEND - NEW

NEW	
FACP	FIRE ALARM CONTROL PANEL
FATC	FIRE ALARM TRANSPONDER CABINET
FAAP	FIRE ALARM ANNUNCIATOR PANEL
NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
	SIGNAL LIGHT, STROBE - CEILING MOUNT
	FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
	FIRE ALARM SPEAKER - CEILING MOUNT
	SIGNAL LIGHT, STROBE - WALL MOUNT
	FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
WP	EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
	FIRE ALARM SPEAKER - WALL MOUNT
B	FIRE ALARM, BELL
P	FIRE ALARM STATION, MANUAL PULL
SD	DUCT MOUNTED SMOKE DETECTOR
HD	HEAT DETECTOR / SENSOR
DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TAMPER SWITCH MONITORING MODULE
FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CONTROL MODULE
R XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
M XX	MONITORING MODULE P2 = PRIORITY 2 ALARM SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF



BUILDINGS 1,9 & 46 - THIRD FLOOR, FOURTH FLOOR & PENTHOUSE
NEW FIRE ALARM SYSTEM RISER DIAGRAM

1 SCALE: NTS



FULL VIEW OVERALL CAMPUS
NEW FIRE ALARM SCHEMATIC

2 SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

JARED A. LOTT 29596 REGISTERED PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

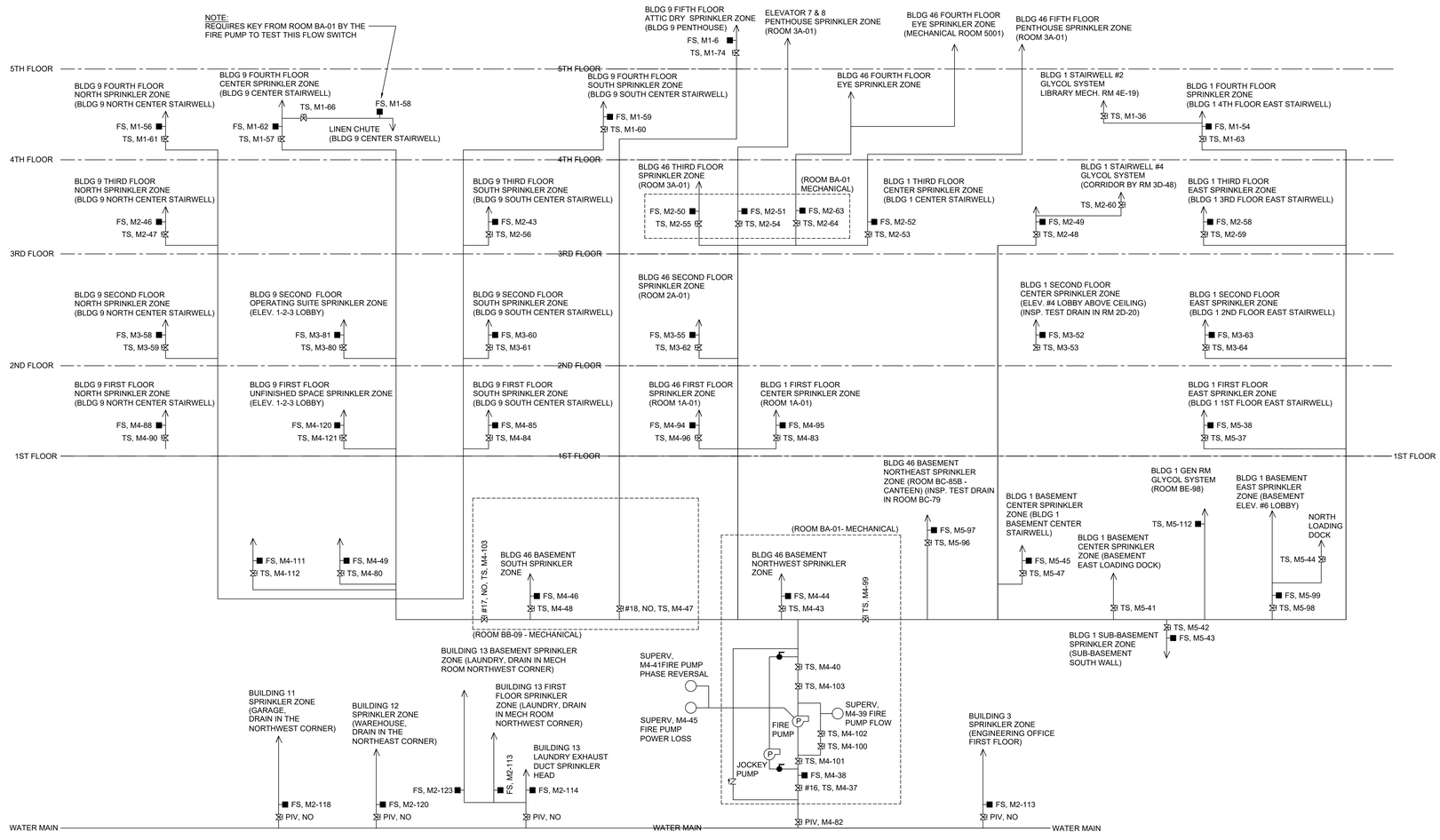
Drawing Title: NEW FIRE ALARM RISER DIAGRAMS	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
			Building Number: MULTIPLE
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-004
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 24 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231

FIRE SPRINKLER RISER NOTE

FIRE SPRINKLER RISER DIAGRAM SHOWN REFLECTS THE EXISTING SYSTEM. FIRE ALARM POINT LOCATIONS SHOWN ARE FOR THE EXISTING FIRE ALARM SYSTEM. NEW POINT ADDRESSES WILL BE ASSIGNED BY FIRE ALARM CONTRACTOR DURING FINAL FIRE ALARM SYSTEM DESIGN.



1 EXISITNG FIRE SPRINKLER RISER SCHEMATIC - PART 1

SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

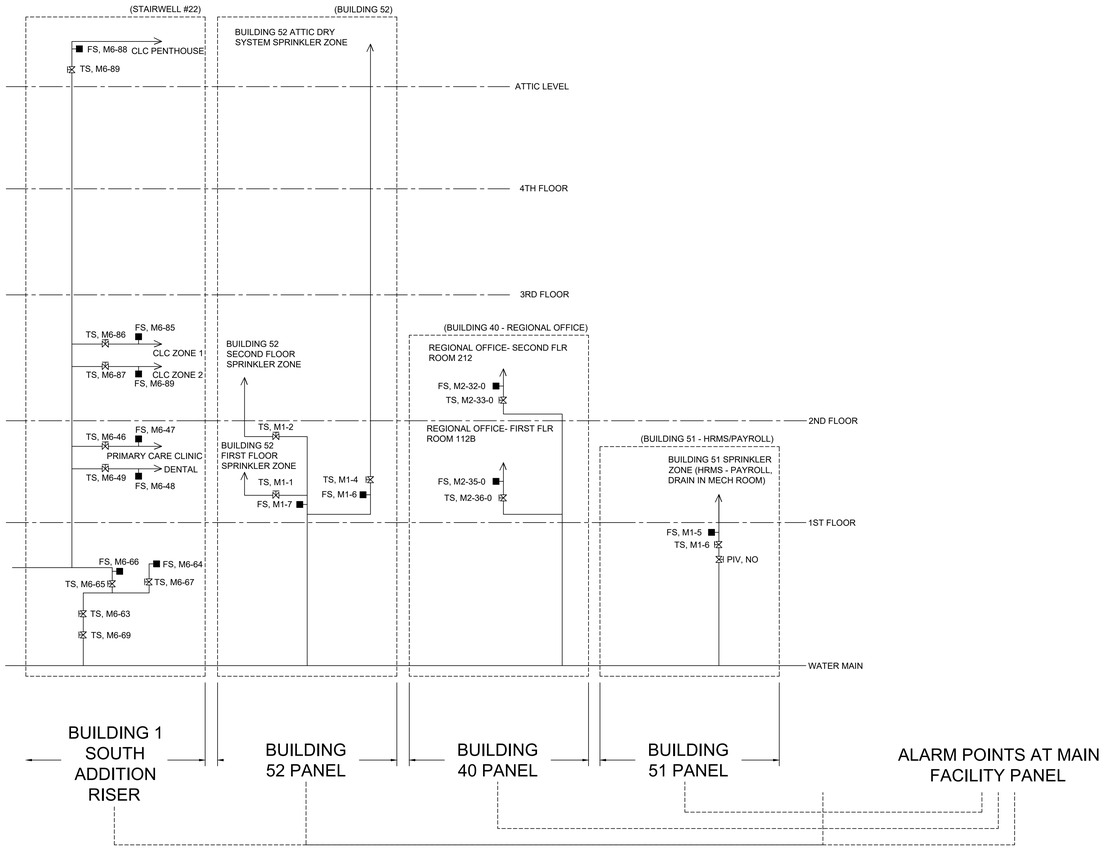
Drawing Title: EXISTING FIRE SPRINKLER RISER SCHEMATIC - PART 1	Phase: CONSTRUCTION DOCUMENTS
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED

Project Title: FARGO REPLACE FIRE ALARM SYSTEM			Project Number: 437-23-105
			Building Number: MULTIPLE
Location: 2101 ELM STREET, FARGO, ND 58102			Drawing Number: FA-005
Issue Date: 06/12/2025	Checked: WEW	Drawn: JMS	Dwg. 25 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231

FIRE SPRINKLER RISER NOTE
FIRE SPRINKLER RISER DIAGRAM SHOWN REFLECTS THE EXISTING SYSTEM. FIRE ALARM POINT LOCATIONS SHOWN ARE FOR THE EXISTING FIRE ALARM SYSTEM. NEW POINT ADDRESSES WILL BE ASSIGNED BY FIRE ALARM CONTRACTOR DURING FINAL FIRE ALARM SYSTEM DESIGN.



1 EXISTING FIRE SPRINKLER RISER SCHEMATIC - PART 2

SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

JARED M. LOTT 29596 REGISTERED PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management

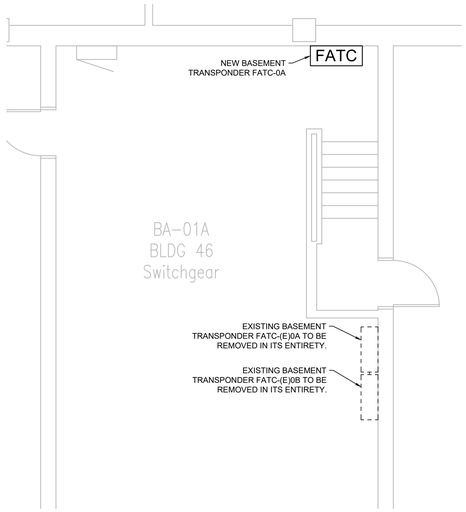
VA U.S. Department of Veterans Affairs

Drawing Title	FIRE SPRINKLER RISER SCHEMATIC - PART 2
Phase	CONSTRUCTION DOCUMENTS
Project Title	FARGO REPLACE FIRE ALARM SYSTEM
Project Number	437-23-105
Building Number	MULTIPLE
Approved: Project Director	TODD DALZELL
	FULLY SPRINKLERED
Location	2101 ELM STREET, FARGO, ND 58102
Drawing Number	FA-006
Issue Date	06/12/2025
Checked	WEW
Drawn	JMS
	Dwg. 26 of 91

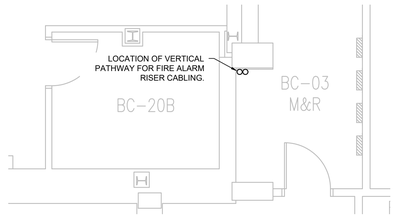
11/15/2022 11:30:03 AM

File Path:

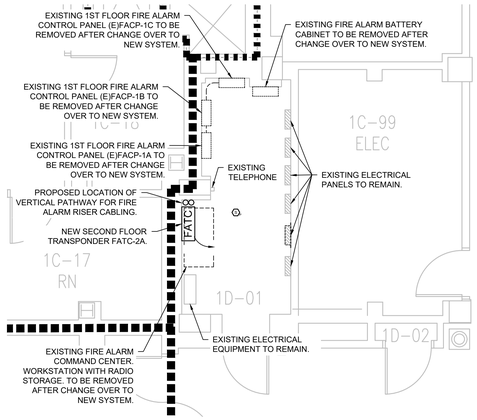
VA FORM 08 - 6231



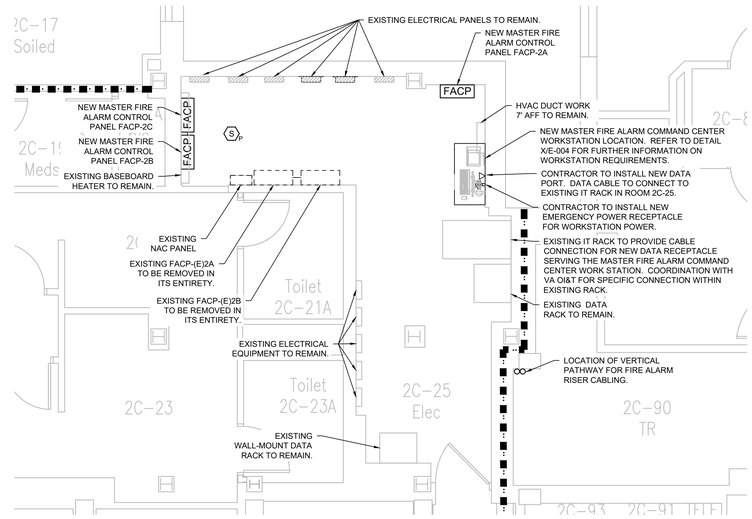
1 ROOM BA-01A - ENLARGED FLOORPLAN
SCALE: 1/4" = 1'



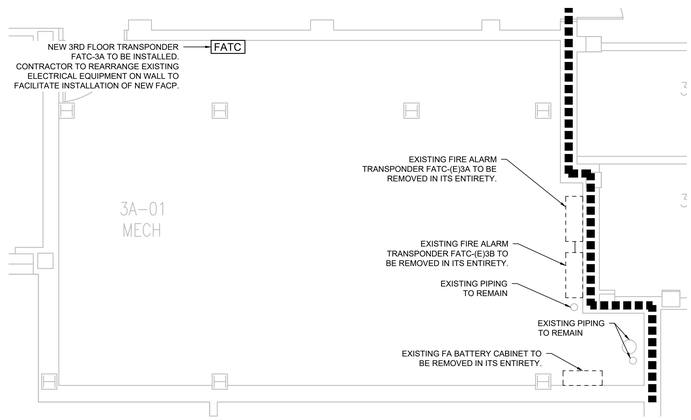
2 ROOM BC-03 - ENLARGED FLOORPLAN
SCALE: 1/4" = 1'



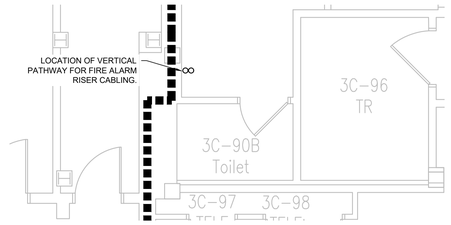
3 ROOM 1D-01 - ENLARGED FLOORPLAN
SCALE: 1/4" = 1'



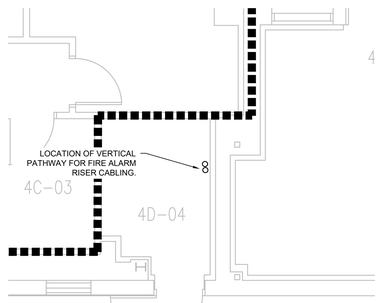
4 ROOM 2C-25 - ENLARGED FLOORPLAN
SCALE: 1/4" = 1'



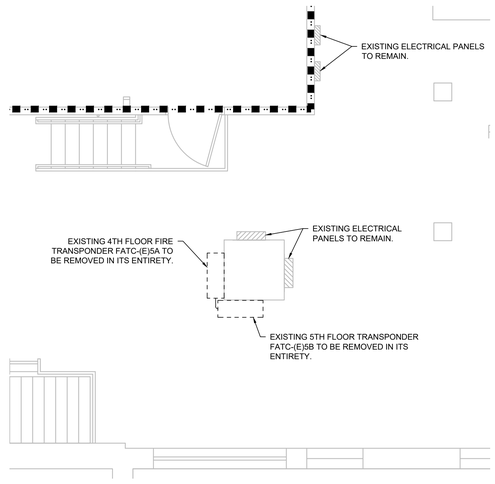
5 ROOM 3A-01 - ENLARGED FLOORPLAN
SCALE: 1/4" = 1'



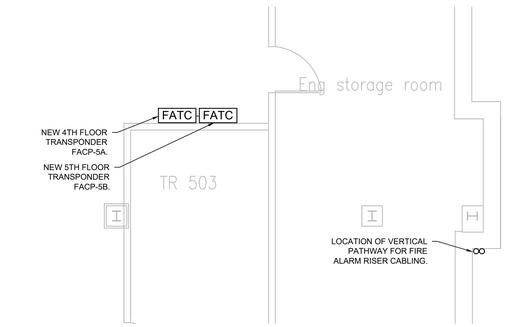
6 ROOM 3C-90B - ENLARGED FLOORPLAN
SCALE: 1/4" = 1'



7 ROOM 4D-06 - ENLARGED FLOORPLAN
SCALE: 1/4" = 1'



8 PENTHOUSE A - ENLARGED FLOORPLAN
SCALE: 1/4" = 1'



9 PENTHOUSE C - ENLARGED FLOORPLAN
SCALE: 1/4" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: ENLARGED FIRE ALARM FLOORPLANS	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
			Building Number: 1,9,46
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-007
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 27 of 91

11/15/2022 11:30:03 AM
File Path
VA FORM 08 - 6231

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S E	S E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG	CLG	SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG	S CLG	FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S	S	FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP	H WP	EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
B	B	FIRE ALARM, BELL
H F	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH T	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M XX	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

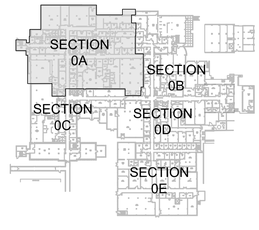
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN
SCALE: NTS

BUILDINGS 1,9 & 46
BASEMENT FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 0A

1 SCALE: 1/8" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

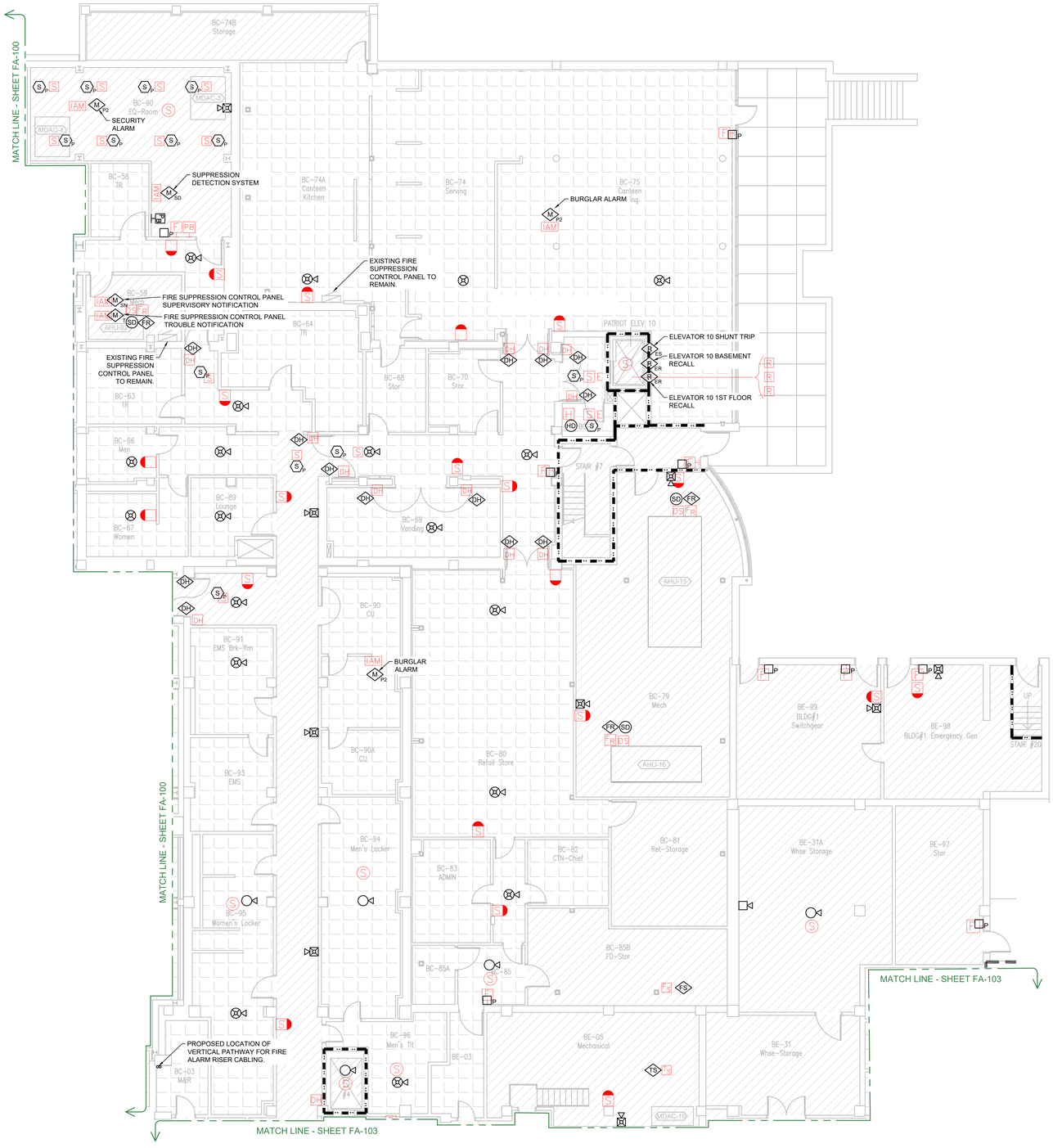
DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-0470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
BRADLEY A. BOARD 29596 REGISTERED PROFESSIONAL ENGINEER 12/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title	BASEMENT NEW FIRE ALARM PLAN - SECTION 0A
Phase	CONSTRUCTION DOCUMENTS
Project Title	FARGO REPLACE FIRE ALARM SYSTEM
Project Number	437-23-105
Building Number	1,9,46
Approved: Project Director	TODD DALZELL
Location	2101 ELM STREET, FARGO, ND 58102
Drawing Number	FA-100
Issue Date	06/12/2025
Checked	WEW
Drawn	JMS
	Dwg. 28 of 91

11/15/2022 11:30:03 AM
File Path
VA FORM 08 - 6231



BUILDINGS 1,9 & 46
BASEMENT FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 0B

1 SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S_F	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H W	WP	EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
H F	F_P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

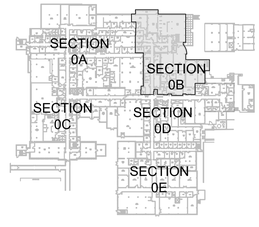
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN
SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-0470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
BUILDING OFFICIAL REVIEWED
29596
12/12/25
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT NEW FIRE ALARM PLAN - SECTION 0B	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
			Building Number: 1,9,46
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-101
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 29 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S E	S E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP	WP	EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
H F	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH T	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M XX	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

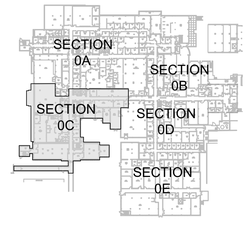
- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION

1 BUILDINGS 1,9 & 46 BASEMENT FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 0C

SCALE: 1/8" = 1'



BUILDING SECTION KEY PLAN

SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

JARED M. LOTT 29596 PROFESSIONAL ENGINEER 6/12/25

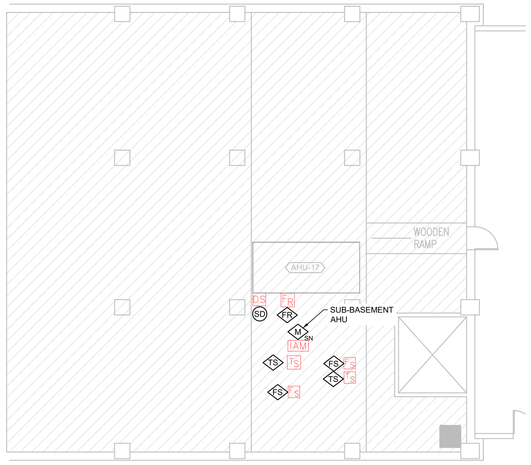
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT NEW FIRE ALARM PLAN - SECTION 0C	Phase: CONSTRUCTION DOCUMENTS
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED

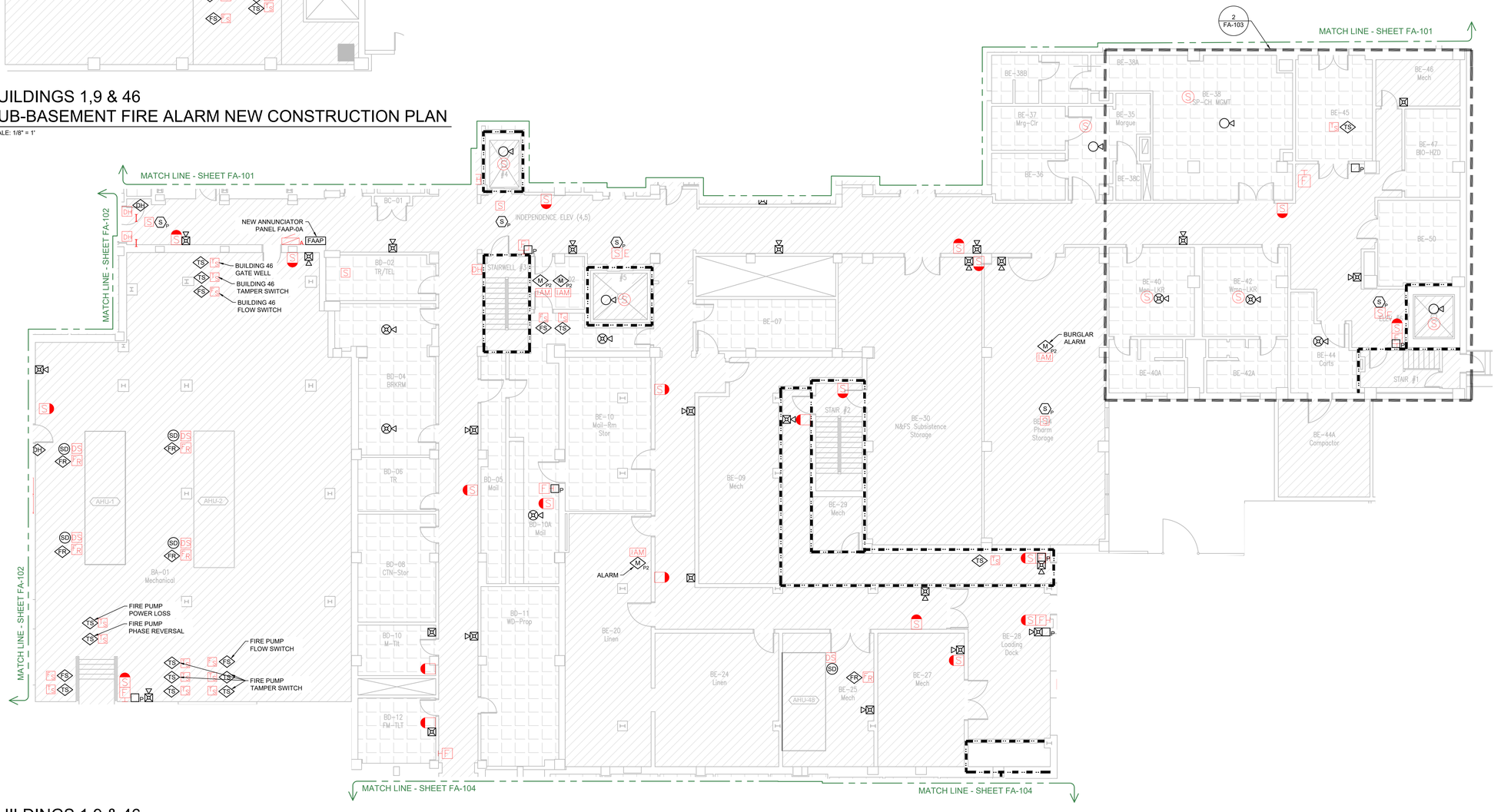
Project Title: FARGO REPLACE FIRE ALARM SYSTEM			Project Number: 437-23-105
			Building Number: 1,9,46
Location: 2101 ELM STREET, FARGO, ND 58102			Drawing Number: FA-102
Issue Date: 06/12/2025	Checked: WEW	Drawn: JMS	Dwg. 30 of 91

11/15/2022 11:30:03 AM
File Path:
VA FORM 08 - 6231



BUILDINGS 1,9 & 46
2 SUB-BASEMENT FIRE ALARM NEW CONSTRUCTION PLAN

SCALE: 1/8" = 1'



BUILDINGS 1,9 & 46
1 BASEMENT FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 0D

SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S_E	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H W	WP	EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
H F	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH_T	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M XX	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

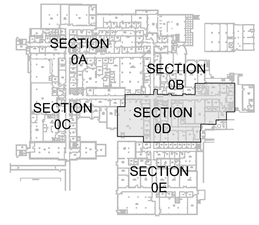
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN

SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 11/12/25

Office of Construction and Facilities Management

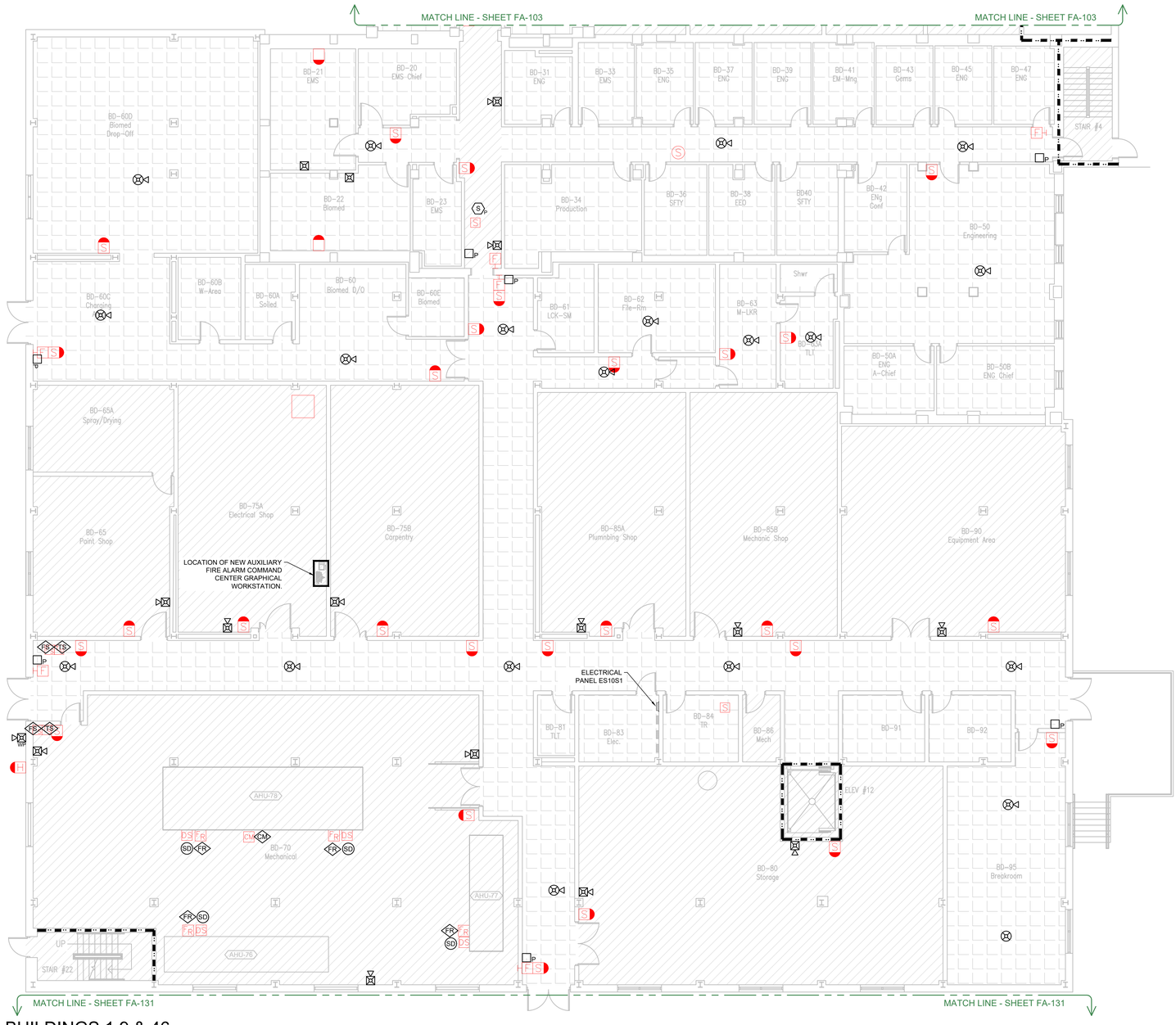
VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT NEW FIRE ALARM PLAN - SECTION 0D	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 1,9,46
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-103 Dwg. 31 of 91

11/15/2022 11:30:03 AM

File Path

VA FORM 08 - 6231



BUILDINGS 1,9 & 46

1 BASEMENT FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 0E

SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S/P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S/E	S/E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H W/P	W/P	EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
H F	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH T	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R/XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M/XX	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

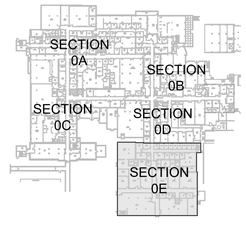
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN

SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

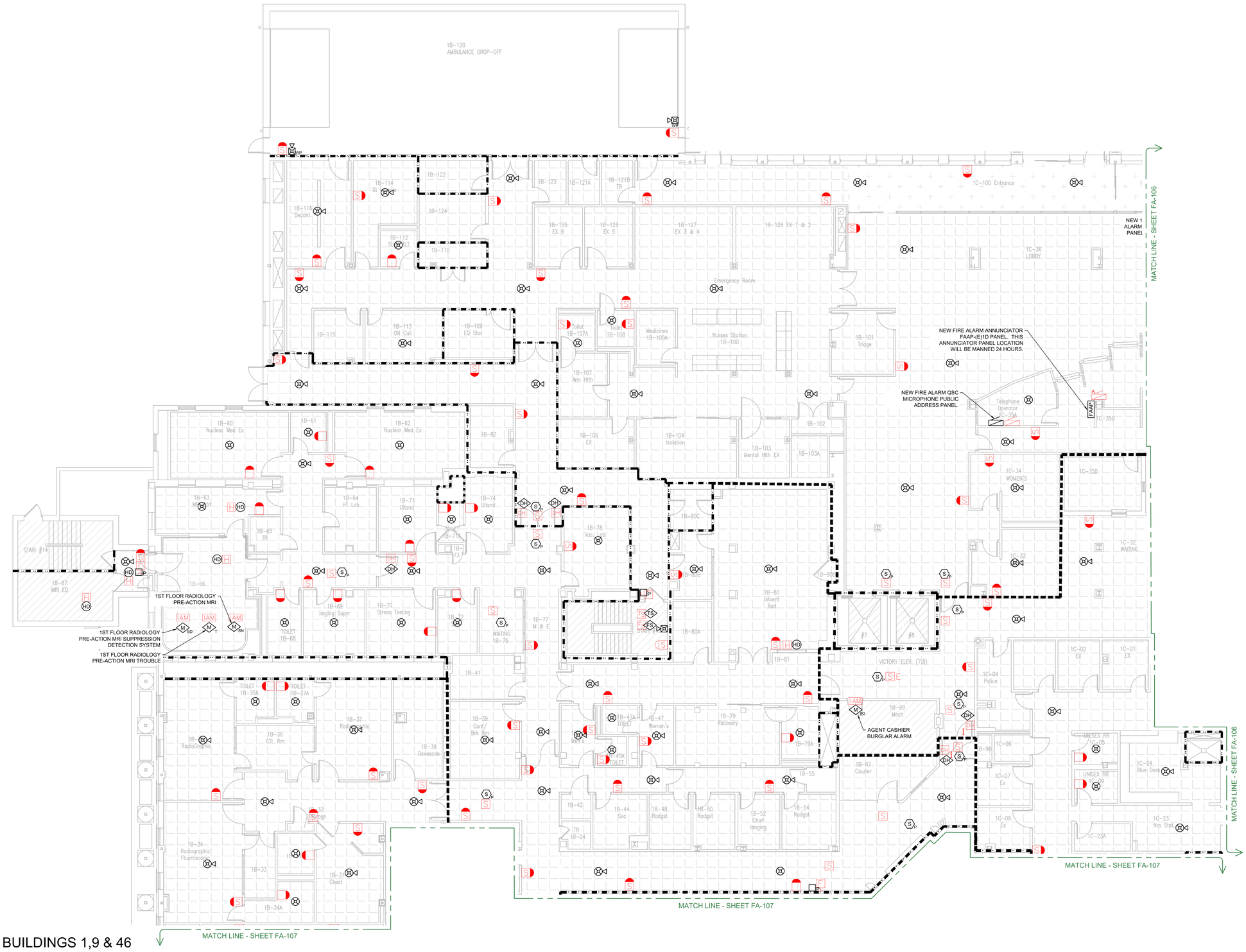
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BASEMENT NEW FIRE ALARM PLAN - SECTION 0E	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 1,9,46
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-104 Dwg. 32 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231



FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
B	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

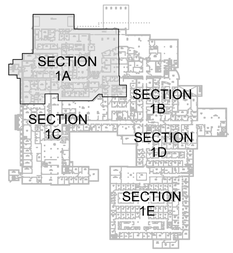
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN

SCALE: NTS

1 BUILDINGS 1,9 & 46 FIRST FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 1A

SCALE: 1/8" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

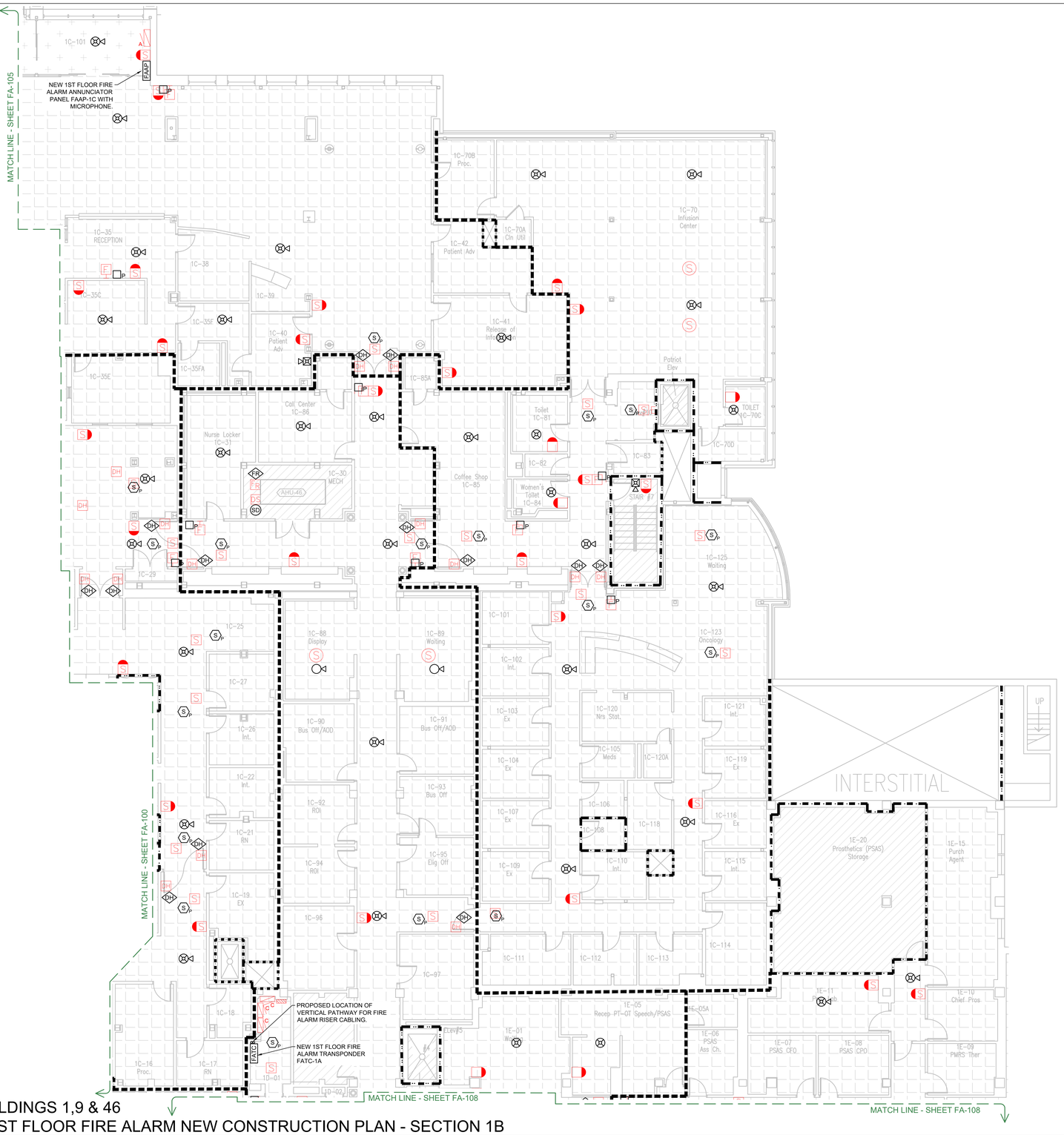
STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR NEW FIRE ALARM PLAN - SECTION 1A	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL			Building Number: 1,9,46
	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-105
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 33 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231



BUILDINGS 1,9 & 46
1 FIRST FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 1B

SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

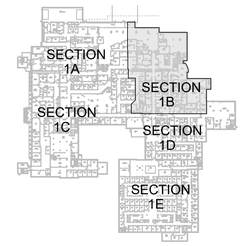
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN

SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR NEW FIRE ALARM PLAN - SECTION 1B	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL			Building Number: 1,9,46
	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-106
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 34 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231

BUILDINGS 1,9 & 46
FIRST FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 1C

1 SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH DH	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

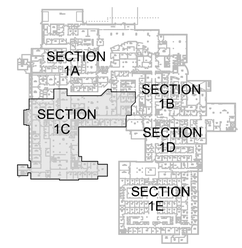
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN
SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR FIRE NEW ALARM PLAN - SECTION 1C	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 1,9,46
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-107 Dwg. 35 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231

BUILDINGS 1,9 & 46
FIRST FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 1D

1

SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S_E	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
F	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

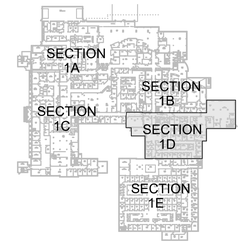
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN

SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

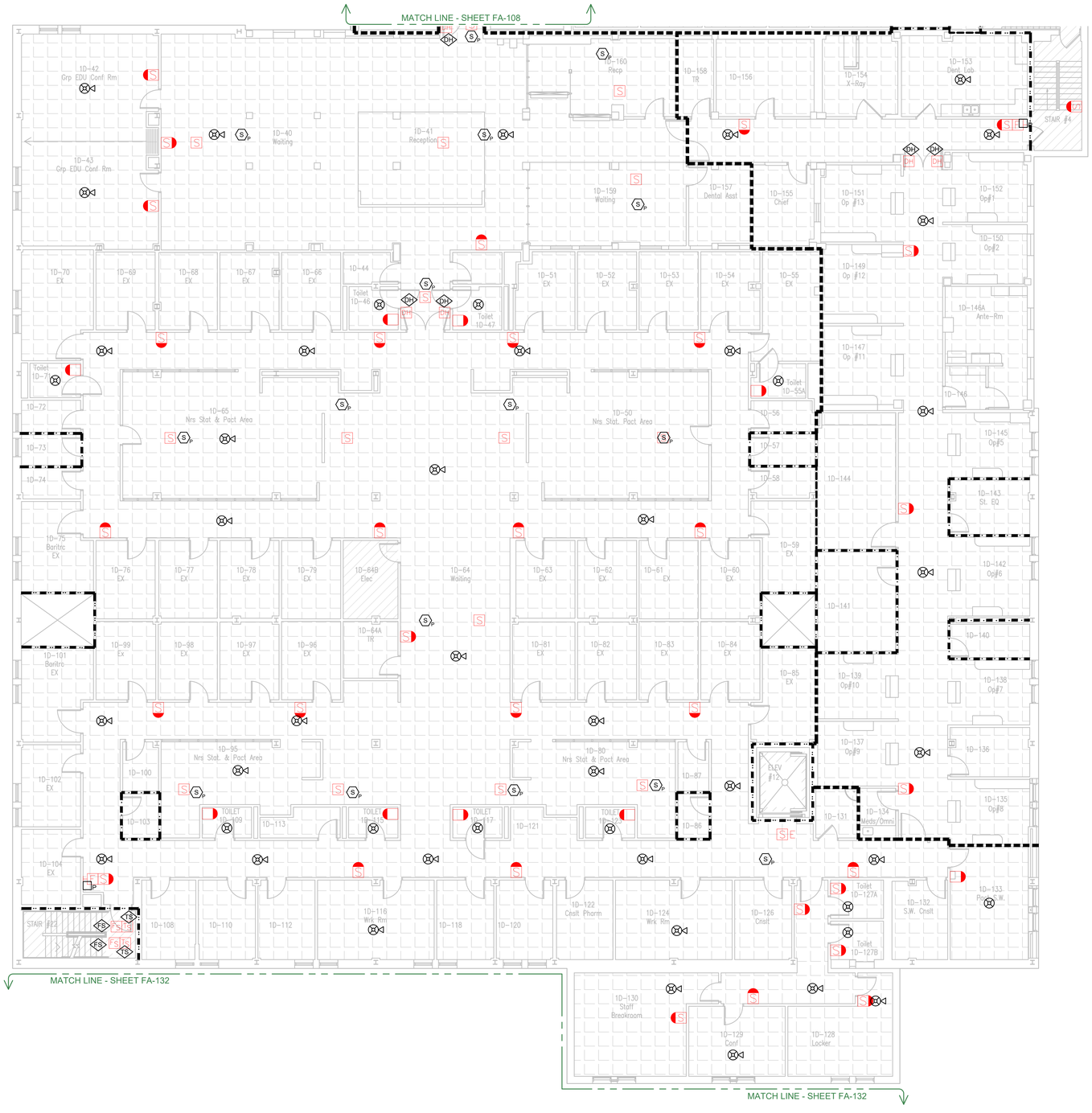
STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR NEW FIRE ALARM PLAN - SECTION 1D	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 1,9,46
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-108 Dwg. 36 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231



FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S E	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
		FIRE ALARM, BELL
HF	F_P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH T	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

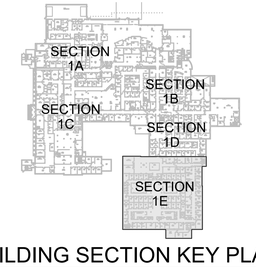
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN
SCALE: NTS

1 BUILDINGS 1,9 & 46
FIRST FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 1E
SCALE: 1/8" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

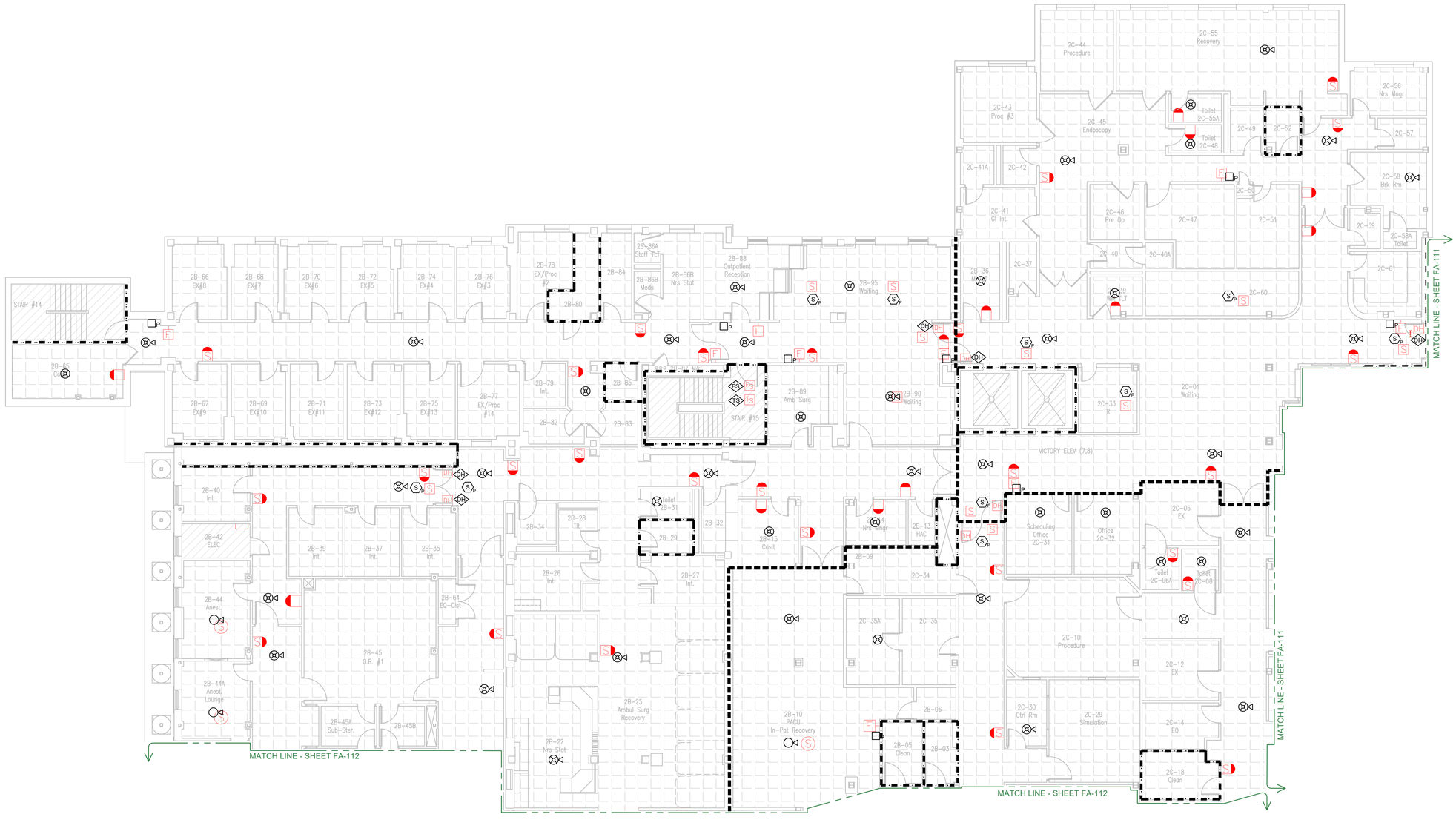
DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-0470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
BRADLEY W. EVANS 29596 REGISTERED PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR NEW FIRE ALARM PLAN - SECTION 1E	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
			Building Number: 1,9,46
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-109
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 37 of 91

11/15/2022 11:30:03 AM
File Path:
VA FORM 08 - 6231



FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
		FIRE ALARM, BELL
F	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV. 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

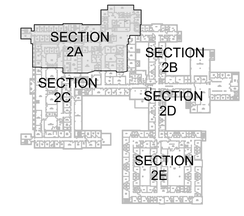
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN
SCALE: NTS

1 BUILDINGS 1,9 & 46
SECOND FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 2A
SCALE: 1/8" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-0470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

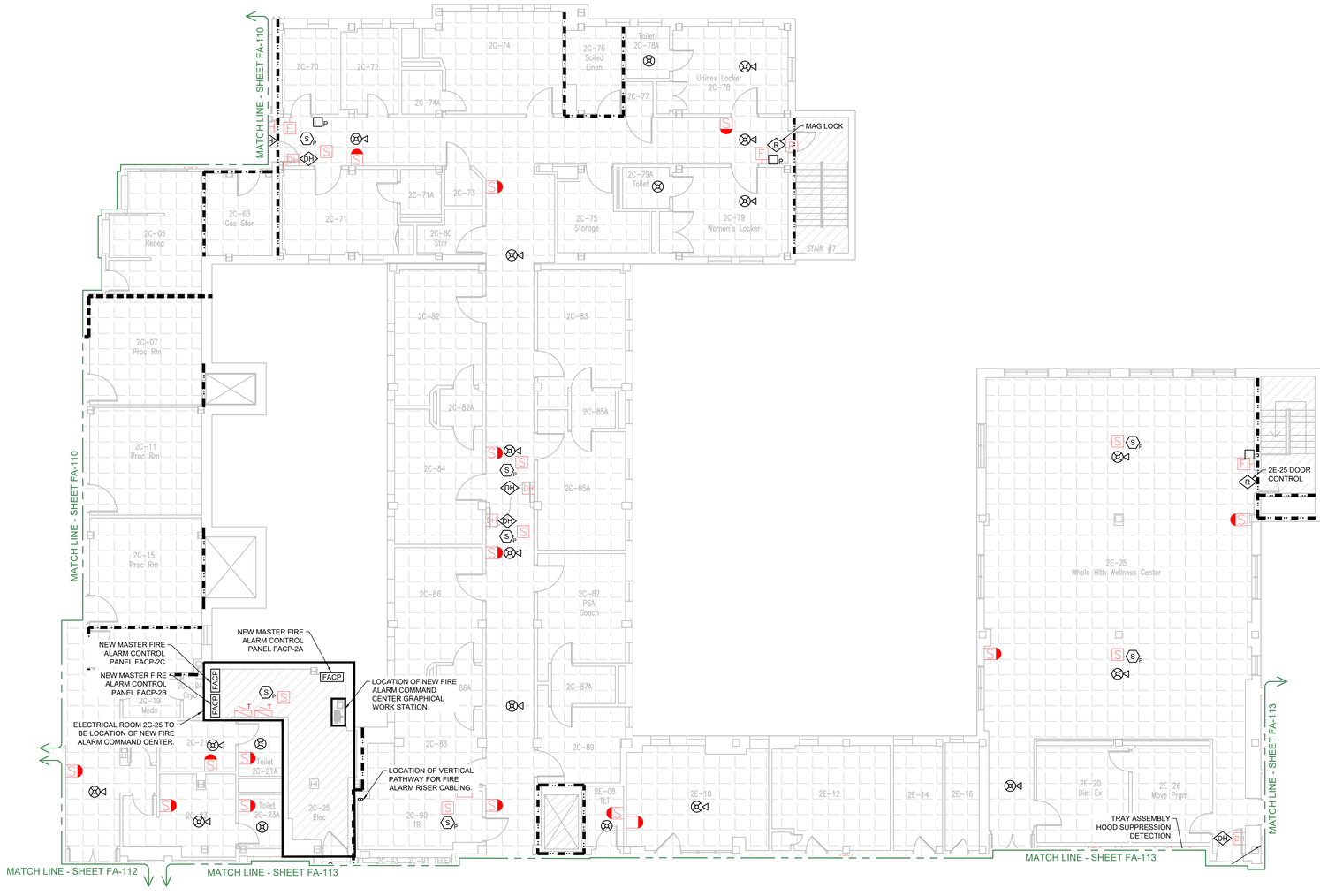
STAMP
BUILDING OFFICIAL REVIEWED
29596
6/12/25
PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR NEW FIRE ALARM PLAN - SECTION 2A	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 1,9,46
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-110 Dwg. 38 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231



BUILDINGS 1,9 & 46
SECOND FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 2B

1 SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S/P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S/E	S/E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
B	B	FIRE ALARM, BELL
F	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M XX	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

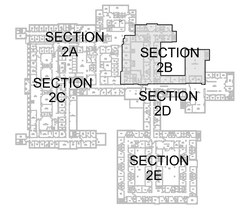
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN
SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR NEW FIRE ALARM PLAN - SECTION 2B	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 1,9,46
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-111

Dwg. 39 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV. 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

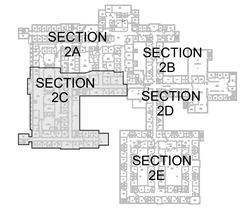
- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION

BUILDINGS 1,9 & 46
SECOND FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 2C

1 SCALE: 1/8" = 1'



BUILDING SECTION KEY PLAN

SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: FIRST FLOOR NEW FIRE ALARM PLAN - SECTION 2C	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 1,9,46
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-112 Dwg. 40 of 91

File Path
11/15/2022 11:30:03 AM
VA FORM 08 - 6231

BUILDINGS 1,9 & 46
SECOND FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 2D

1 SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S_E	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

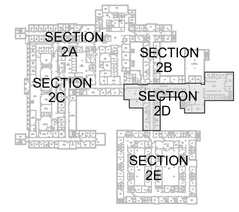
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN
SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

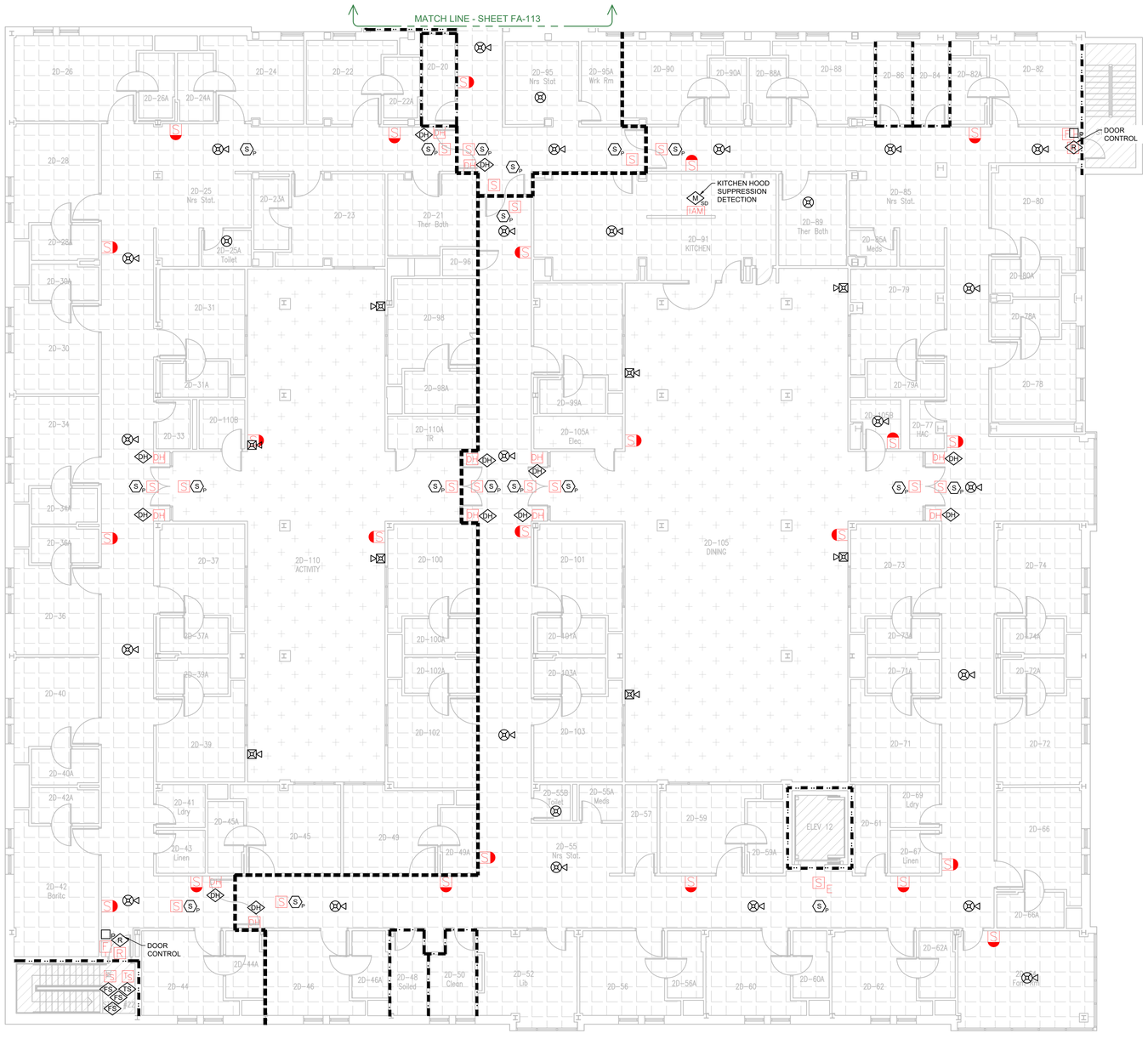
DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR NEW FIRE ALARM PLAN - SECTION 2D	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 1,9,46
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-113 Dwg. 41 of 91

File Path: 11/15/2022 11:30:00 AM
VA FORM 08 - 6231



BUILDINGS 1,9 & 46
SECOND FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 2E

1 SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S_E	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

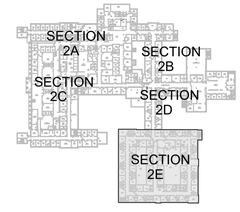
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN
SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

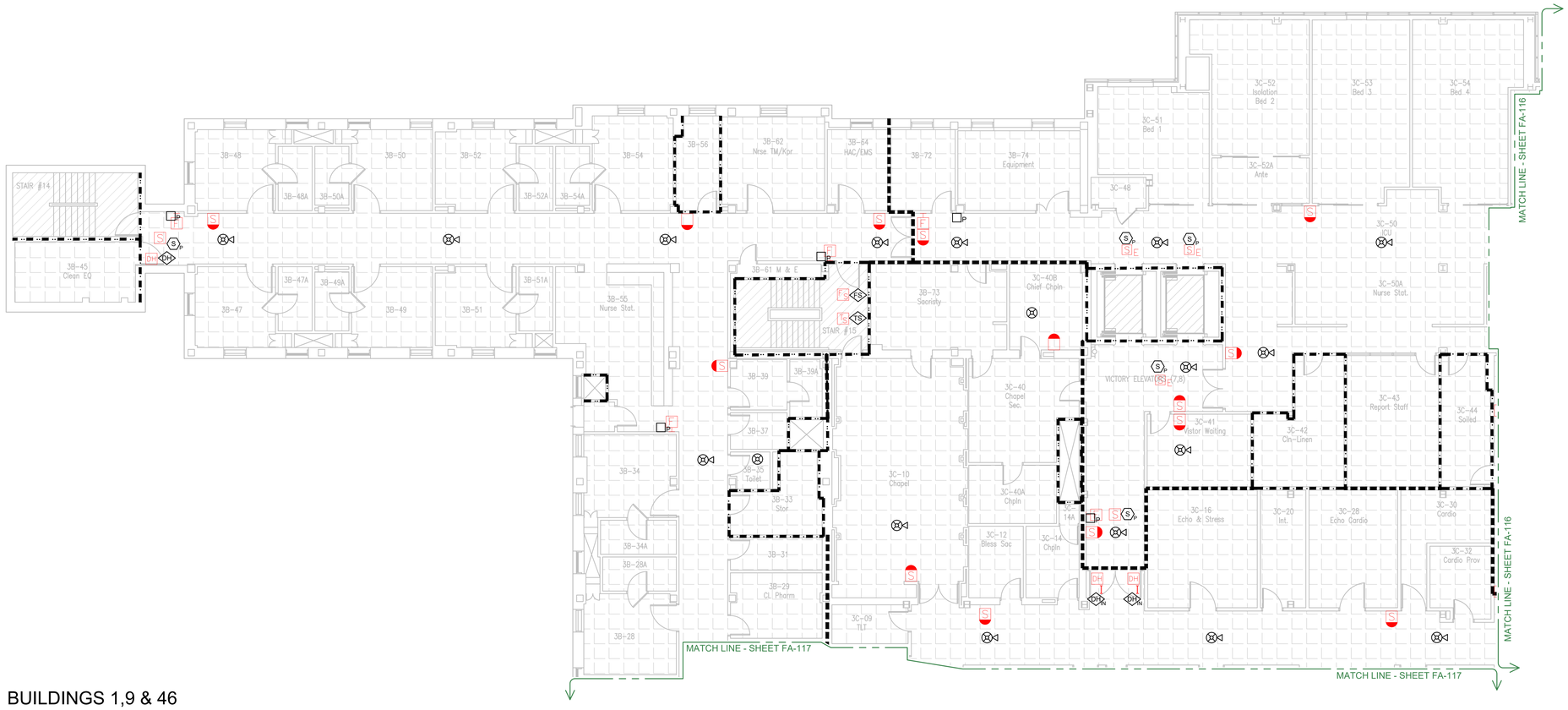
DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-0470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
JARED M. LOTT REGISTERED 29596 12/12/25 PROFESSIONAL ENGINEER

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR NEW FIRE ALARM PLAN - SECTION 2E	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
			Building Number: 1,9,46
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-114
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 42 of 91

11/15/2022 11:30:03 AM
File Path
VA FORM 08 - 6231



FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S/P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S/E	S/E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
B	B	FIRE ALARM, BELL
F	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M XX	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

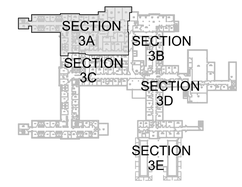
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN
SCALE: NTS

1 BUILDINGS 1,9 & 46
THIRD FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 3A
SCALE: 1/8" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

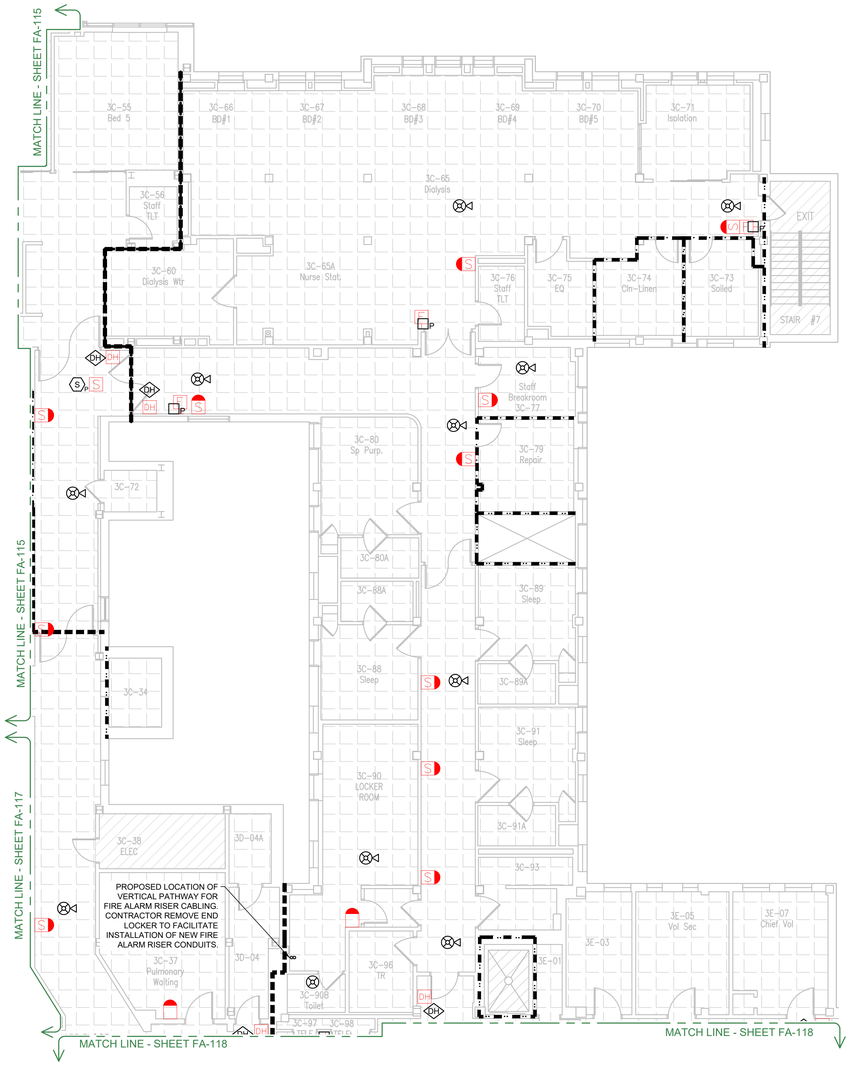
DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
COLORADO REGISTERED PROFESSIONAL ENGINEER 29596 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: THIRD FLOOR NEW FIRE ALARM PLAN - SECTION 3A	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
			Building Number: 1,9,46
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-115
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 43 of 91

File Path: 11/15/2022 11:30:03 AM
VA FORM 08 - 6231



BUILDINGS 1,9 & 46
THIRD FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 3B

1

SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S/P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S/E	S/E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP	WP	EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M XX	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

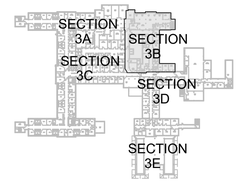
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN

SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: THIRD FLOOR NEW FIRE ALARM PLAN - SECTION 3B	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 1,9,46
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-116 Dwg. 44 of 91

File Path
11/15/2022 11:30:03 AM
VA FORM 08 - 6231

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S_E	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP	WP	EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

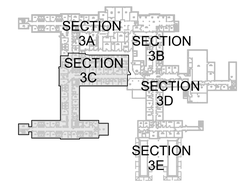
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN

SCALE: NTS

BUILDINGS 1,9 & 46
THIRD FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 3C

1 SCALE: 1/8" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management

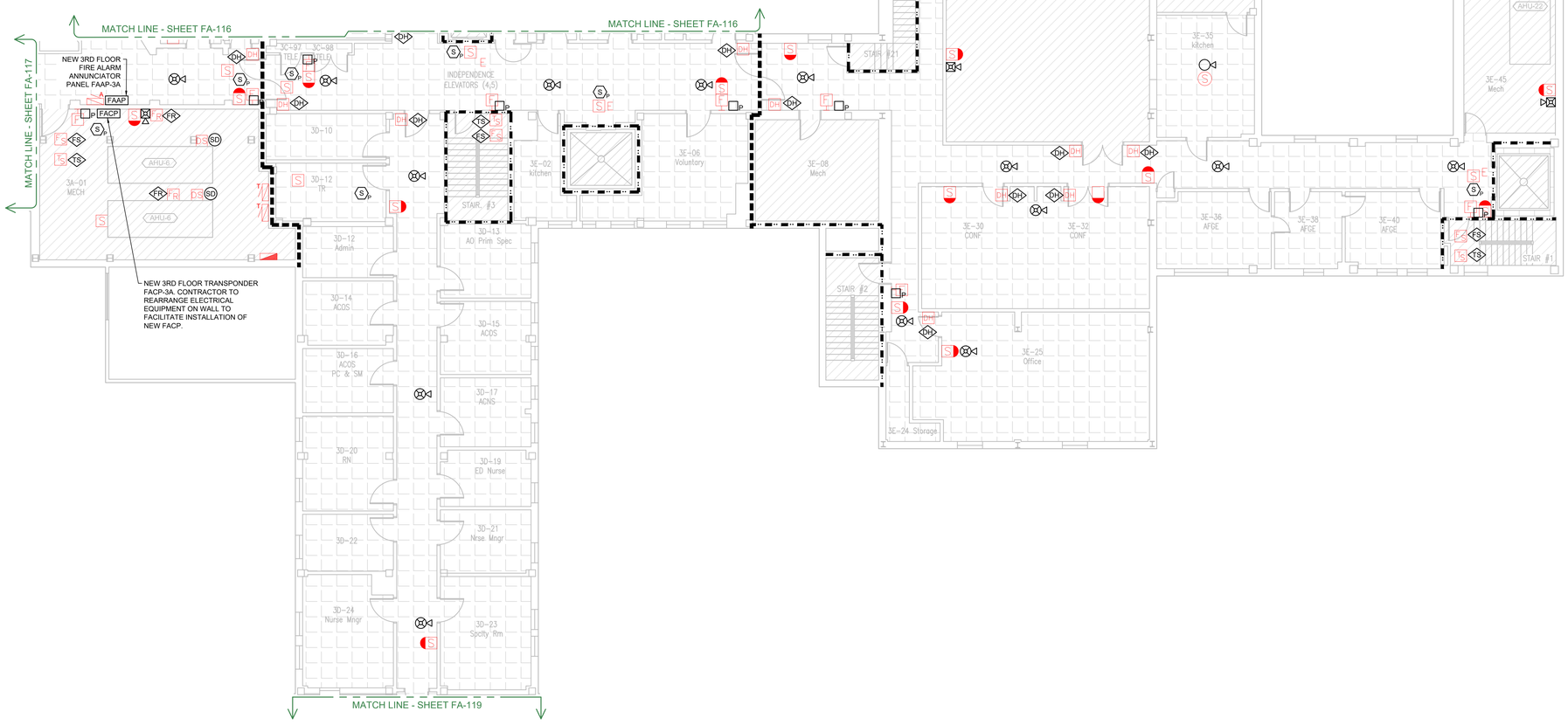
VA U.S. Department of Veterans Affairs

Drawing Title: THIRD FLOOR NEW FIRE ALARM PLAN - SECTION 3C	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 1,9,46
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-117

Dwg. 45 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231



BUILDINGS 1,9 & 46
THIRD FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 3D

1 SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S/E	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

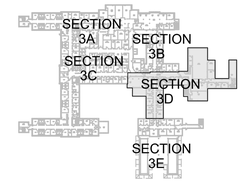
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN
SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 11/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: THIRD FLOOR NEW FIRE ALARM PLAN - SECTION 3D	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 1,9,46
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-118
			Dwg. 46 of 91

File Path: 11/15/2022 11:30:03 AM
VA FORM 08 - 6231

1 BUILDINGS 1,9 & 46
THIRD FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 3E
SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S_E	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
#	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH_I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

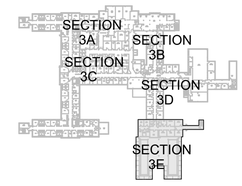
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN
SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

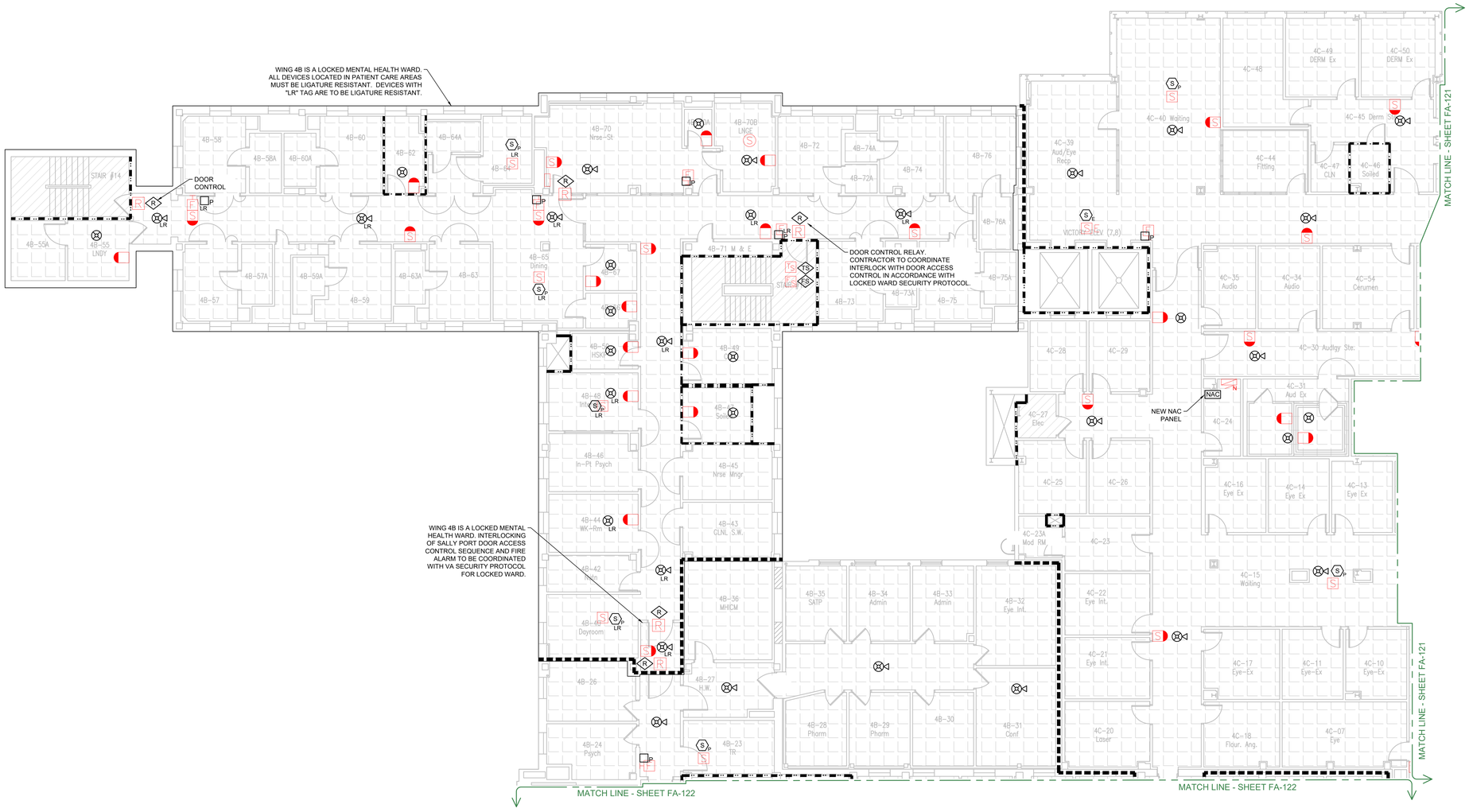
DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
DONALD W. HOWARD 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: THIRD FLOOR NEW FIRE ALARM PLAN - SECTION 3E	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
			Building Number: 1,9,46
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-119
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 47 of 91

File Path: 11/15/2022 11:30:03 AM
VA FORM 08 - 6231



FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S_E	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH DH	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

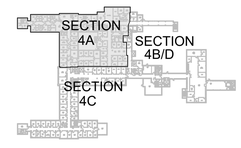
- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION

BUILDINGS 1,9 & 46
FOURTH FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 4A

1 SCALE: 1/8" = 1'



BUILDING SECTION KEY PLAN

SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

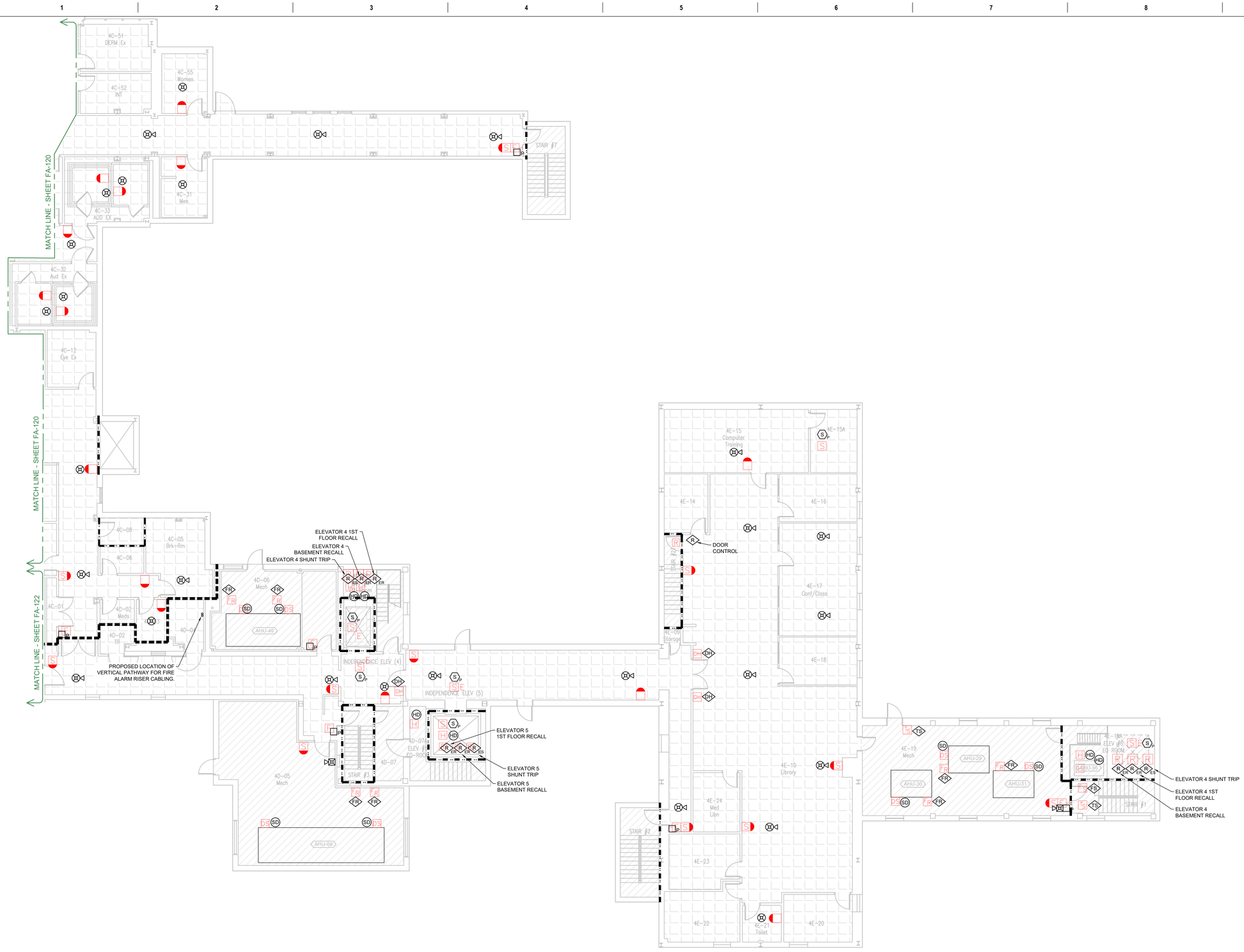
STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: FOURTH FLOOR NEW FIRE ALARM PLAN - SECTION 4A	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 1,9,46
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-120 Dwg. 48 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231



FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	(S)P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
SE	(S)E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
B	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	(SD)	DUCT MOUNTED SMOKE DETECTOR
H	(HD)	HEAT DETECTOR / SENSOR
DH / DH I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M XX	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

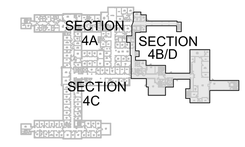
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN
SCALE: NTS

BUILDINGS 1,9 & 46
FOURTH FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 4B/D

1 SCALE: 1/8" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: FOURTH FLOOR NEW FIRE ALARM PLAN - SECTION 4B/D	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL			Building Number: 1,9,46
	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-121
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 49 of 91

File Path: 11/15/2022 11:30:03 AM
VA FORM 08 - 6231

BUILDINGS 1,9 & 46
FOURTH FLOOR FIRE ALARM NEW CONSTRUCTION PLAN - SECTION 4C

1 SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
H	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

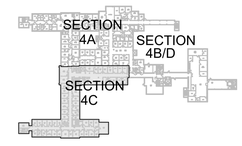
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING SECTION KEY PLAN
SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

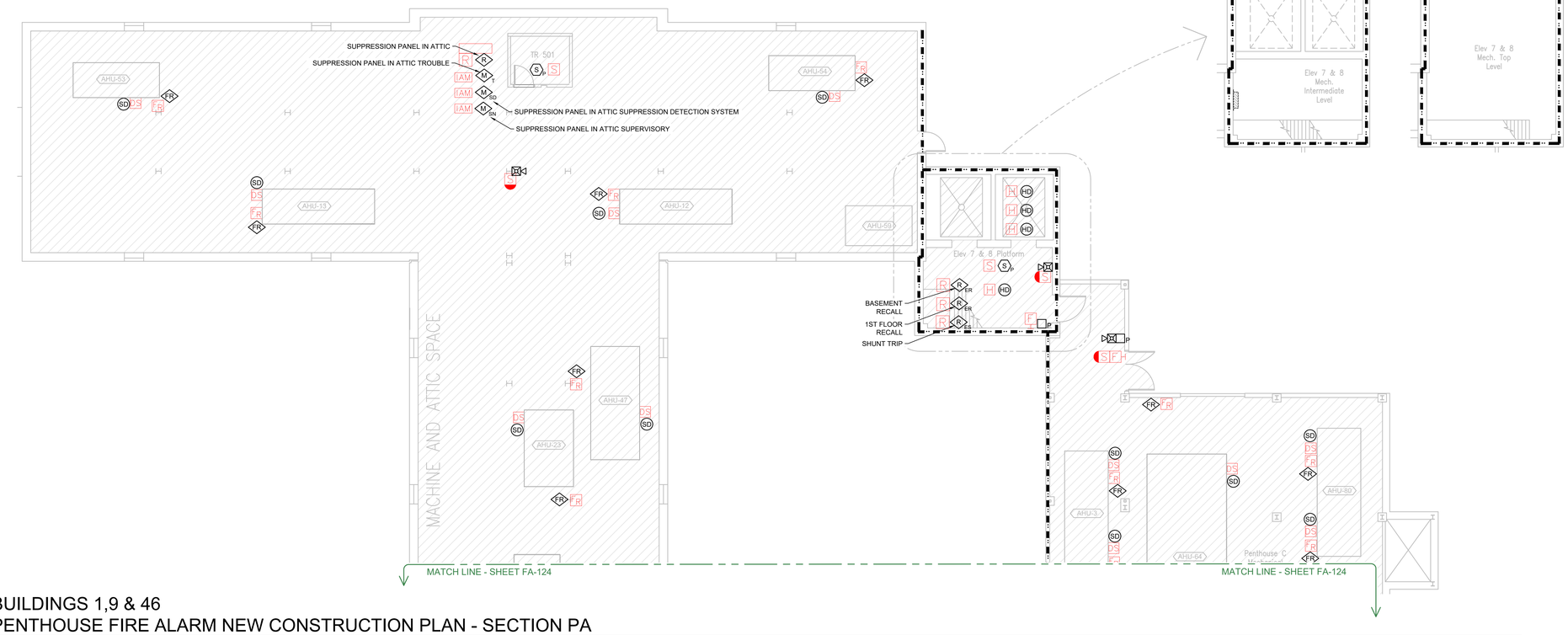
DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: FOURTH FLOOR NEW FIRE ALARM PLAN - SECTION 4C	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 1,9,46
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-122 Dwg. 50 of 91

File Path: 11/15/2022 11:30:03 AM
VA FORM 08 - 6231



FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S E	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
H F	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

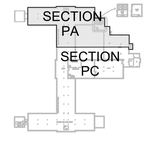
- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION

1 BUILDINGS 1,9 & 46 PENTHOUSE FIRE ALARM NEW CONSTRUCTION PLAN - SECTION PA

SCALE: 1/8" = 1'



BUILDING SECTION KEY PLAN

SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

JARED M. LOTT 29596 REGISTERED PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: PENTHOUSE NEW FIRE ALARM PLAN - SECTION PA	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 1,9,46
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-123 Dwg. 51 of 91

File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S/P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S/E	S/E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG	CLG	SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG	S CLG	FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S	S	FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S	S	FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP	H WP	EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
B	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH DH	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M XX	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

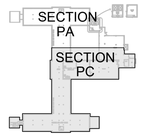
- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION

BUILDINGS 1,9 & 46
PENTHOUSE FIRE ALARM NEW CONSTRUCTION PLAN - SECTION PC

1 SCALE: 1/8" = 1'



BUILDING SECTION KEY PLAN

SCALE: NTS

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

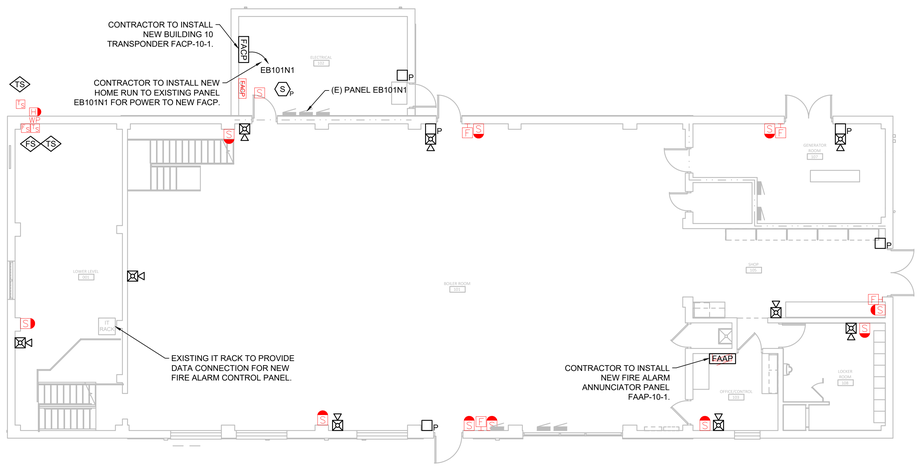
STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 11/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: PENTHOUSE NEW FIRE ALARM PLAN - SECTION PC	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
			Building Number: 1,9,46
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-124
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 52 of 91

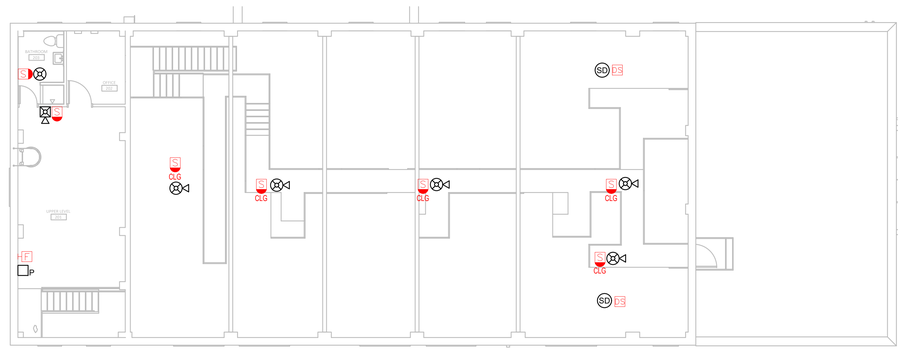
File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231



BUILDING 10
FIRST FLOOR FIRE ALARM NEW CONSTRUCTION PLAN

1 SCALE: 1/8" = 1'



BUILDING 10
SECOND FLOOR FIRE ALARM NEW CONSTRUCTION PLAN

1 SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S/P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S/E	S/E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M XX	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

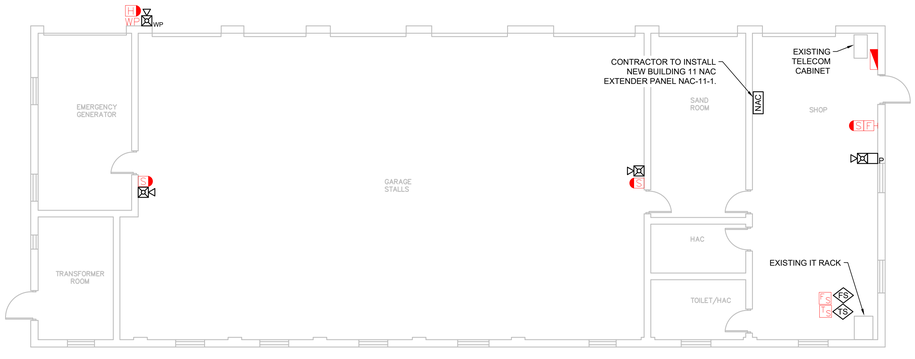
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

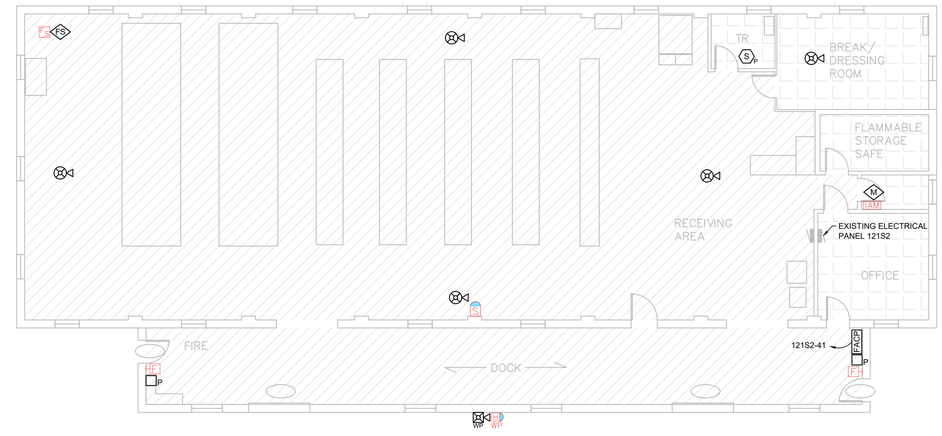
RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING 11
FIRST FLOOR FIRE ALARM NEW CONSTRUCTION PLAN

2 SCALE: 1/8" = 1'



BUILDING 12
FIRST FLOOR FIRE ALARM NEW CONSTRUCTION PLAN

3 SCALE: 1/8" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

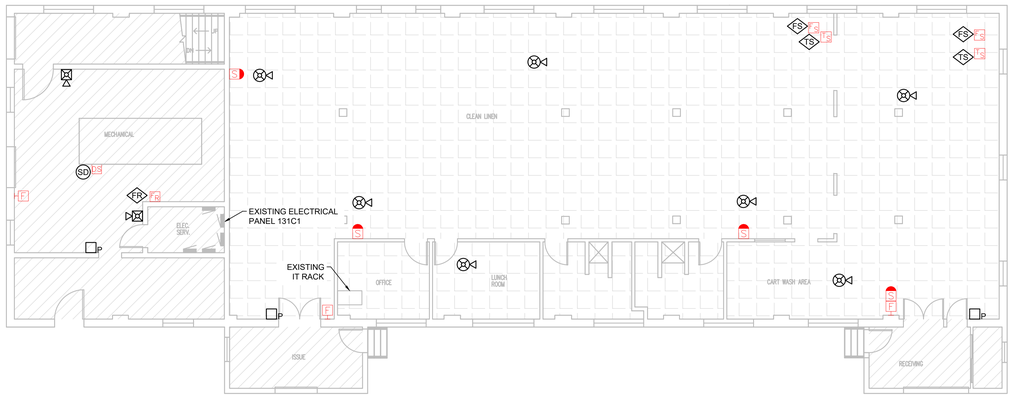
STAMP
REGISTERED PROFESSIONAL ENGINEER 29596 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BUILDINGS 10, 11, & 12 NEW FIRE ALARM PLANS	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 10, 11, 12
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-125 Dwg. 53 of 91

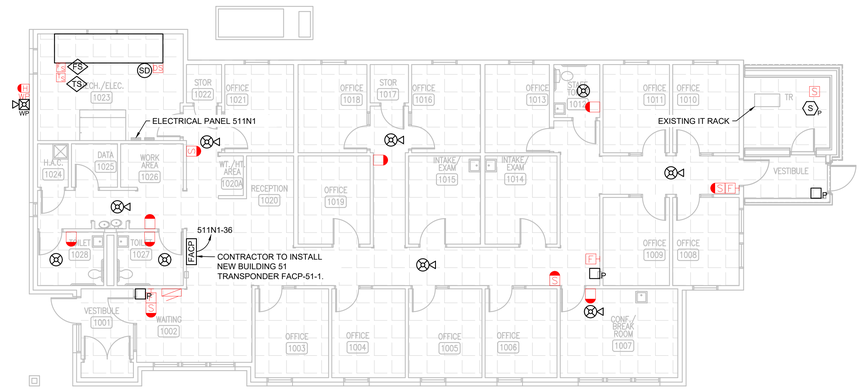
File Path: 11/15/2022 11:30:03 AM

VA FORM 08 - 6231



BUILDING 13
FIRE ALARM NEW CONSTRUCTION PLAN

1 SCALE: 1/8" = 1'



BUILDING 51
FIRE ALARM NEW CONSTRUCTION PLAN

2 SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
F	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH DH	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV. 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

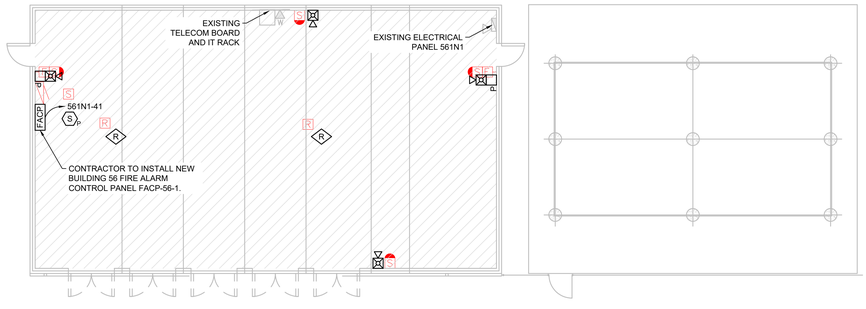
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

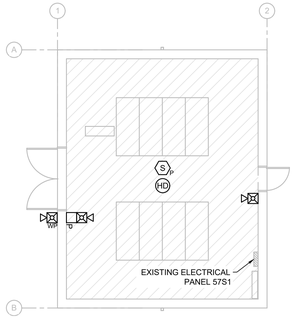
RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



BUILDING 56
FIRE ALARM NEW CONSTRUCTION PLAN

3 SCALE: 1/8" = 1'



BUILDING 57
FIRE ALARM NEW CONSTRUCTION PLAN

4 SCALE: 1/8" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

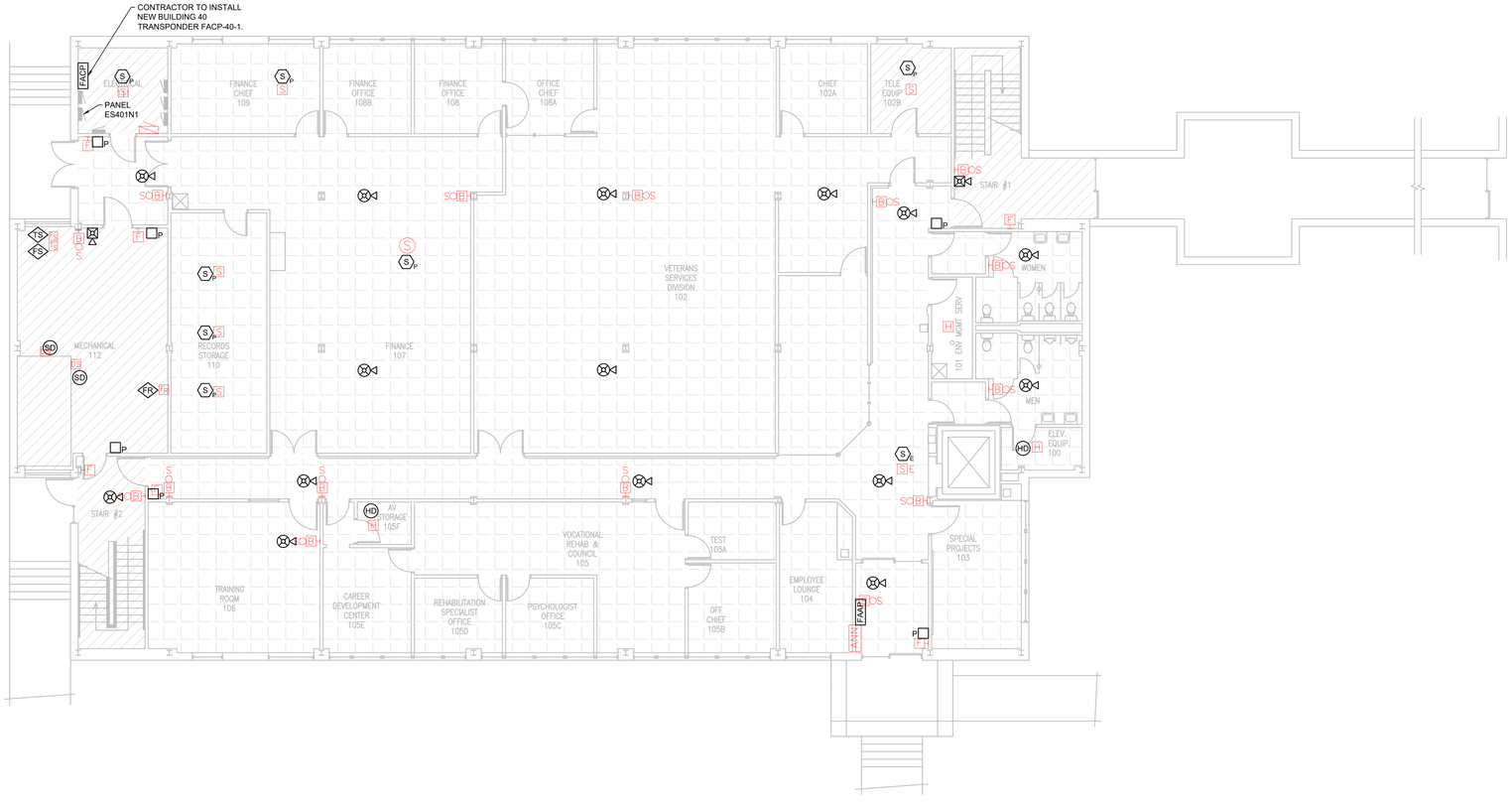
DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER
6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BUILDINGS 13, 51, 56 & 57 NEW FIRE ALARM PLANS	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
			Building Number: 13, 51, 56, 57
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-126
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 54 of 91

11/15/2022 11:30:03 AM
File Path:
VA FORM 08 - 6231



FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S_E	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP	WP	EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
F	F_P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION

BUILDING 40
1 FIRST FLOOR FIRE ALARM NEW CONSTRUCTION PLAN

SCALE: 1/8" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

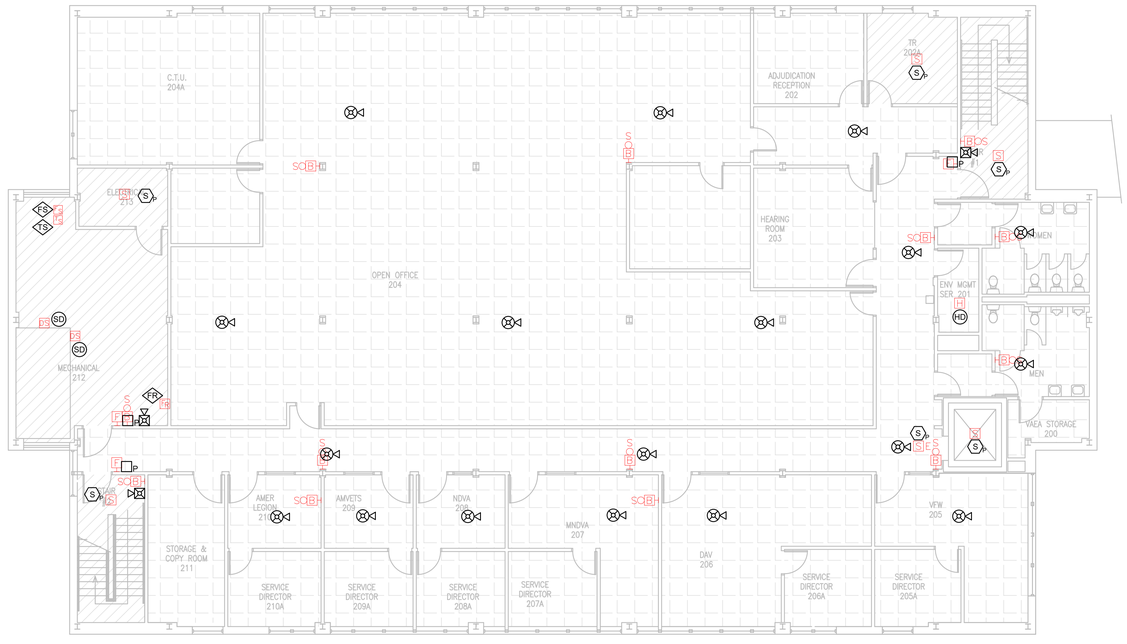
JARED A. LOTT — 29596 — REGISTERED PROFESSIONAL ENGINEER — 6/12/25

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 40 FIRST FLOOR NEW FIRE ALARM PLAN	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
			Building Number: 40
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-127
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 55 of 91

11/15/2022 11:30:03 AM
File Path:
VA FORM 08 - 6231



FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S/E	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
B	B	FIRE ALARM, BELL
F	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION

1 BUILDING 40 SECOND FLOOR FIRE ALARM NEW CONSTRUCTION PLAN

SCALE: 1/8" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-0470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

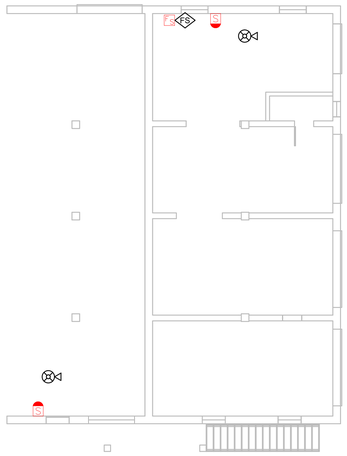
STAMP

BUILDING ENGINEER 29596 PROFESSIONAL ENGINEER 11/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

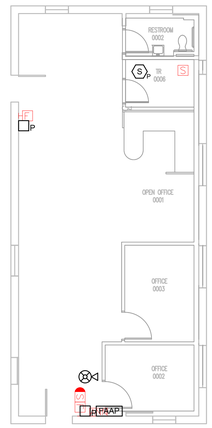
Drawing Title: BUILDING 40 SECOND FLOOR NEW FIRE ALARM PLAN	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
			Building Number: 40
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-128 Dwg. 56 of 91
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	

11/15/2022 11:30:03 AM
File Path:
VA FORM 08 - 6231



1 BUILDING 3 BASEMENT FIRE ALARM NEW CONSTRUCTION PLAN

SCALE: 1/8" = 1'



2 BUILDING 3 FIRST FLOOR FIRE ALARM NEW CONSTRUCTION PLAN

SCALE: 1/8" = 1'

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S/P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S/E	S/E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP	WP	EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
B	B	FIRE ALARM, BELL
HF	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M XX	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

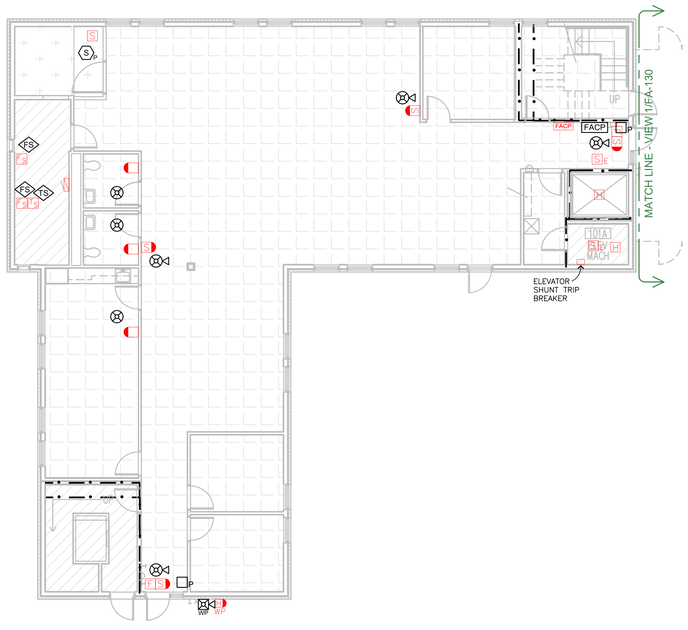
DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

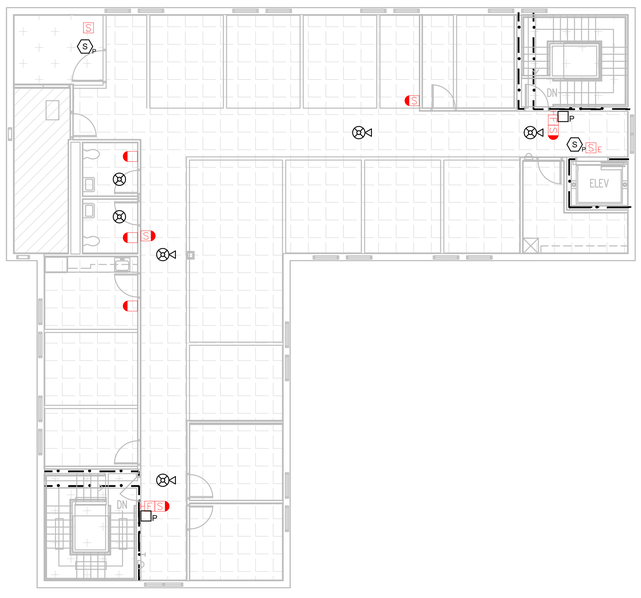
RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



3 BUILDING 52 FIRST FLOOR FIRE ALARM NEW CONSTRUCTION PLAN

SCALE: 1/8" = 1'



4 BUILDING 52 SECOND FLOOR FIRE ALARM NEW CONSTRUCTION PLAN

SCALE: 1/8" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

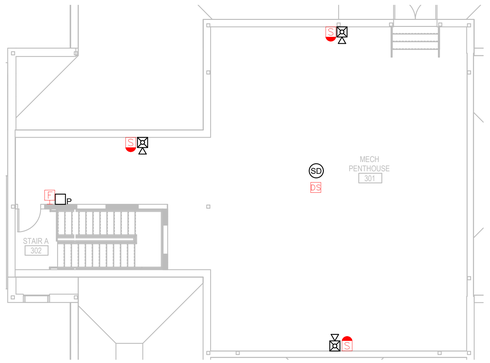
Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: BUILDINGS 3 & 52 NEW FIRE ALARM PLANS	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: 3, 52
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-129
			Dwg. 57 of 91

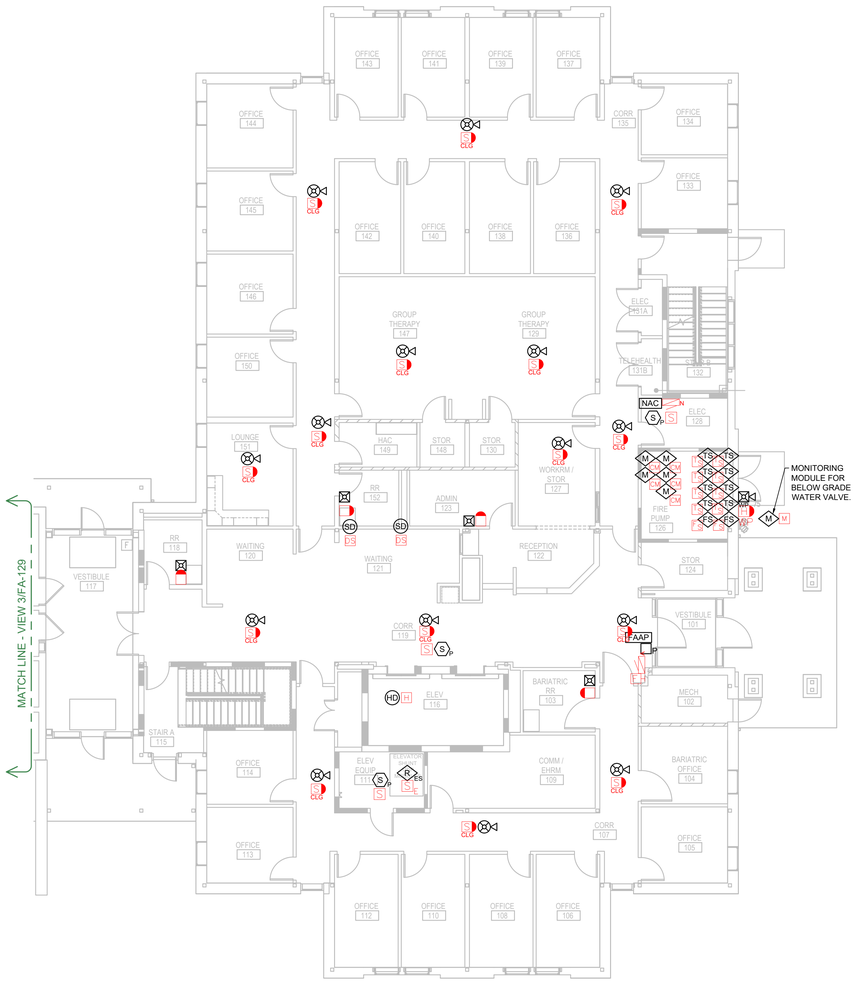
File Path: 11/15/2022 11:39:09 AM

VA FORM 08 - 6231



BUILDING 52 - MENTAL HEALTH ADDITION
PENTHOUSE NEW FIRE ALARM PLAN

1 SCALE: 1/8" = 1'



BUILDING 52 - MENTAL HEALTH ADDITION
FIRST FLOOR NEW FIRE ALARM PLAN

2 SCALE: 1/8" = 1'

BUILDING 52 - MENTAL HEALTH ADDITION
SECOND FLOOR NEW FIRE ALARM PLAN

3 SCALE: 1/8" = 1'

GENERAL FIRE ALARM NOTE

THE BUILDING 52 MENTAL HEALTH FACILITY IS A BUILDING ADDITION TO THE EXISTING BUILDING 52. THIS FACILITY IS UNDER CONSTRUCTION DURING DESIGN AND IS EXPECTED TO BE COMPLETED BY THE TIME THE CAMPUS WIDE FIRE ALARM SYSTEM IS REPLACED.

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S_P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S/E	S_E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
F	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R_{XX}	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M_{XX}	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

GENERAL NOTE

DEVICES SHOWN BLACK ARE NEW CONSTRUCTION.
DEVICES SHOWN IN IN RED ARE FOR REFERENCE TO EXISTING LOCATIONS OF DEVICES TO BE DEMOLISHED. DEMOLITION OF EXISTING DEVICES WILL BE PERFORMED ACCORDING TO FIRE ALARM DEMOLITION DRAWING SHEETS AFTER CONSTRUCTION OF THE NEW FIRE ALARM SYSTEM IS COMPLETE, FULLY COMMISSIONED AND TESTED.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
COLORADO REGISTERED PROFESSIONAL ENGINEER 29596 6/12/25

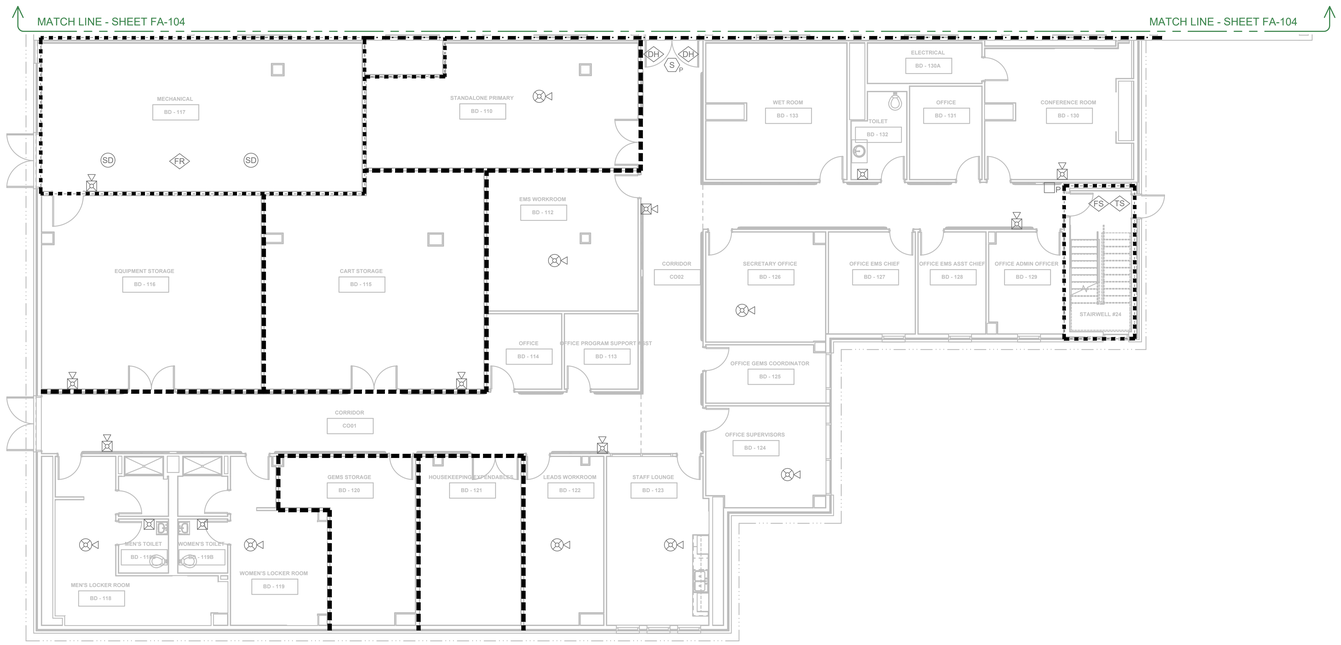
Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: BUILDING 52 ADDITION NEW FIRE ALARM PLANS	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: PRIMARY CARE
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-130

Dwg. 58 of 91

File Path: 11/15/2022 11:30:00 AM

VA FORM 08 - 6231



PRIMARY CARE ADDITION
BASEMENT LEVEL FIRE ALARM NEW CONSTRUCTION PLAN

1 SCALE: 1/8" = 1'

GENERAL FIRE ALARM NOTE

THE PRIMARY CARE FACILITY IS AN ADDITION TO THE EXISTING HOSPITAL BUILDING 1. THIS FACILITY WAS UNDER CONSTRUCTION DURING THE DESIGN PERIOD, AND IS EXPECTED TO BE COMPLETED BY THE TIME THE CAMPUS WIDE FIRE ALARM SYSTEM IS REPLACED.

THE FIRE ALARM DEVICES WITHIN THIS BUILDING ARE SHOWN IN GRAY, AS NO DEMOLITION WORK IS TO BE PERFORMED WITHIN THE PRIMARY CARE ADDITION AS PART OF THIS PROJECT. ALL EXISTING FIRE ALARM DEVICES WITHIN THE PRIMARY CARE ADDITION ARE TO REMAIN AND BE INTEGRATED INTO THE NEW FIRE ALARM SYSTEM. EXISTING DEVICES HAVE VOICE NOTIFICATION CAPABILITY AND ARE ADDRESSABLE.

CONTRACTOR TO BE AWARE THAT IF THE EXISTING DEVICES INSTALLED PROVE TO BE INCOMPATIBLE WITH OR DO NOT MEET THE SPECIFICATIONS AND FUNCTIONALITY OF THE NEW CAMPUS FIRE ALARM SYSTEM, THE EXISTING DEVICES SHOWN WILL NEED TO BE CHANGED OUT ON A ONE FOR ONE BASIS WITH COMPATIBLE DEVICES. REUSE OF EXISTING CONDUIT AND WIRING WILL BE ALLOWED IF CHANGE OUT OF DEVICES IN THE PRIMARY CARE ADDITION IS DEEMED NECESSARY AND IS PERFORMED.

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S/P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S/E	S/E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
F	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M XX	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT
VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD
FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP
COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management
VA U.S. Department of Veterans Affairs

Drawing Title: PRIMARY CARE ADDITION NEW BSMT FIRE ALARM PLAN	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
			Building Number: PRIMARY CARE
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Drawing Number: FA-131
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Dwg. 59 of 91

11/15/2022 11:30:03 AM
File Path
VA FORM 08 - 6231

GENERAL FIRE ALARM NOTE

THE PRIMARY CARE FACILITY IS AN ADDITION TO THE EXISTING HOSPITAL BUILDING 1. THIS FACILITY WAS UNDER CONSTRUCTION DURING THE DESIGN PERIOD, AND IS EXPECTED TO BE COMPLETED BY THE TIME THE CAMPUS WIDE FIRE ALARM SYSTEM IS REPLACED.

THE FIRE ALARM DEVICES WITHIN THIS BUILDING ARE SHOWN IN GRAY, AS NO DEMOLITION WORK IS TO BE PERFORMED WITHIN THE PRIMARY CARE ADDITION AS PART OF THIS PROJECT. ALL EXISTING FIRE ALARM DEVICES WITHIN THE PRIMARY CARE ADDITION ARE TO REMAIN AND BE INTEGRATED INTO THE NEW FIRE ALARM SYSTEM. EXISTING DEVICES HAVE VOICE NOTIFICATION CAPABILITY AND ARE ADDRESSABLE.

CONTRACTOR TO BE AWARE THAT IF THE EXISTING DEVICES INSTALLED PROVE TO BE INCOMPATIBLE WITH OR DO NOT MEET THE SPECIFICATIONS AND FUNCTIONALITY OF THE NEW CAMPUS FIRE ALARM SYSTEM, THE EXISTING DEVICES SHOWN WILL NEED TO BE CHANGED OUT ON A ONE FOR ONE BASIS WITH COMPATIBLE DEVICES. REUSE OF EXISTING CONDUIT AND WIRING WILL BE ALLOWED IF CHANGE OUT OF DEVICES IN THE PRIMARY CARE ADDITION IS DEEMED NECESSARY AND IS PERFORMED.

FIRE ALARM LEGEND

EXISTING	NEW	
C	FACP	FIRE ALARM CONTROL PANEL
T	FATC	FIRE ALARM TRANSPONDER CABINET
A	FAAP	FIRE ALARM ANNUNCIATOR PANEL
N	NAC	NOTIFICATION APPLIANCE CIRCUIT EXTENDER PANEL
S	S P	PHOTOELECTRIC SMOKE DETECTOR AND BASE
S E	S E	SMOKE DETECTOR AND BASE FOR ELEVATOR RECALL
CLG		SIGNAL LIGHT, STROBE - CEILING MOUNT
S CLG		FIRE ALARM SPEAKER W/ STROBE - CEILING MOUNT
S		FIRE ALARM SPEAKER - CEILING MOUNT
		SIGNAL LIGHT, STROBE - WALL MOUNT
S		FIRE ALARM SPEAKER W/ STROBE - WALL MOUNT
H WP		EXTERIOR WEATHER-PROOF FIRE ALARM AUDIO DEVICE W/ STROBE
		FIRE ALARM SPEAKER - WALL MOUNT
	B	FIRE ALARM, BELL
H F	P	FIRE ALARM STATION, MANUAL PULL
DS	SD	DUCT MOUNTED SMOKE DETECTOR
H	HD	HEAT DETECTOR / SENSOR
DH / DH I	DH	MAGNETIC DOOR HOLDER MONITORING MODULE
FS	FS	FIRE SPRINKLER FLOW SWITCH MONITORING MODULE
TS	TS	TAMPER SWITCH MONITORING MODULE
FR	FR	FAN SHUT-SHUTDOWN RELAY MONITORING MODULE
CM	CM	CONTROL MODULE
R	R XX	RELAY MODULE ER = ELEVATOR RECALL ES = ELEVATOR SHUNT TRIP
IAM	M XX	MONITORING MODULE P2 = PRIORITY 2 ALARM/SIGNAL SD = SUPPRESSION DETECTION SN = SUPERVISORY NOTIFICATION T = TROUBLE SO = SUPERVISORY OFF

FIRE ALARM NOTE

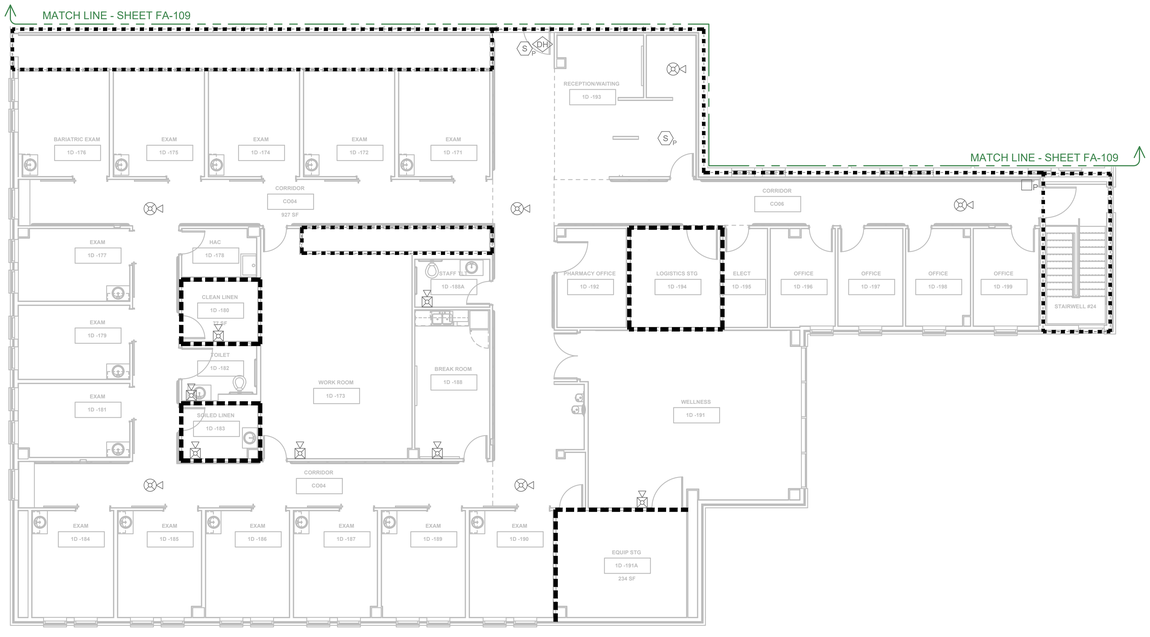
FIRE ALARM SHOP DRAWING SHOWS THE MINIMUM REQUIREMENTS FOR A NEW FIRE ALARM MEETING: VA FIRE PROTECTION MANUAL - 9TH EDITION - NOV, 2023, 2022 NFPA 72, NFPA 101, THAT IS FULLY SPRINKLED. IT WILL BE THE REQUIREMENT OF THE CONTRACTOR TO PROVIDE A DEFERRED SUBMITTAL FOR A COMPLETE CODE COMPLIANT PLAN AND INSTALLATION SUBJECT TO INSPECTION.

CEILING TYPE KEY

- ATC ACCESSIBLE CEILING
- HARD LID CEILING
- OPEN TO STRUCTURE

RATED WALL LINE TYPE LEGEND

- SMOKE BARRIER
- 1 HOUR FIRE RATED PARTITION
- 2 HOUR FIRE RATED PARTITION



PRIMARY CARE ADDITION
FIRST FLOOR FIRE ALARM NEW CONSTRUCTION PLAN

1 SCALE: 1/8" = 1'

VOLUME 1 OF 2

Revisions:	Date:

CONSULTANT

VERITAS FIRE ENGINEERING, INC.
VERITAS FIRE ENGINEERING, INC.
12364 WEST ALAMEDA PARKWAY, SUITE 135
LAKEWOOD, COLORADO 80228
PH: (303) 985-3300
www.veritasfire.com

DESIGNER OF RECORD

FOURFRONT DESIGN INC
517 7TH STREET
RAPID CITY, SD 57701
PH: (605) 342-9470
POC: JARED LOTT
FFD PROJECT NO: 23.2730.M01

STAMP

COLORADO REGISTERED 29596 PROFESSIONAL ENGINEER 6/12/25

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: PRIMARY CARE ADDITION 1ST FLOOR NEW FIRE ALARM PLAN	Phase: CONSTRUCTION DOCUMENTS	Project Title: FARGO REPLACE FIRE ALARM SYSTEM	Project Number: 437-23-105
Approved: Project Director: TODD DALZELL	FULLY SPRINKLERED	Location: 2101 ELM STREET, FARGO, ND 58102	Building Number: PRIMARY CARE
		Issue Date: 06/12/2025 / Checked: WEW / Drawn: JMS	Drawing Number: FA-132
			Dwg. 60 of 91

11/15/2022 11:30:03 AM

File Path

VA FORM 08 - 6231