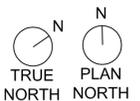
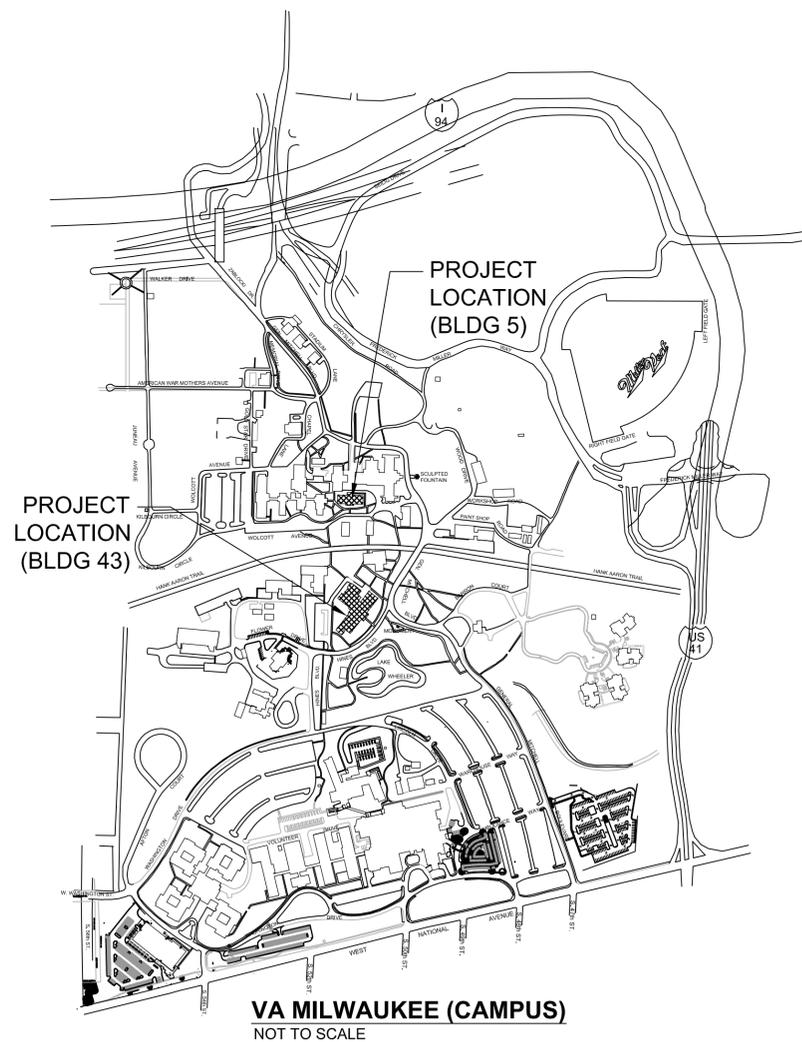


# CLEMENT J. ZABLOCKI VA MEDICAL CENTER UPGRADE FIRE ALARM SYSTEMS BUILDINGS 5 AND 43

5000 W. NATIONAL AVE  
MILWAUKEE, WI 53295-001

CONSTRUCTION DOCUMENTS  
JUNE 28, 2017

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SHEET No.	DWG No.	SHEET TITLE
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2	G-002	GENERAL NOTES
3	G-003	INFECTION CONTROL PLAN
4	FD-101	BUILDING 43 DEMOLITION FIRE ALARM BASEMENT PLAN
5	FD-102	BUILDING 43 DEMOLITION FIRE ALARM 1ST FLOOR PLAN
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9	FD-106	BUILDING 5 DEMOLITION FIRE ALARM BASEMENT & 1ST FLOOR PLANS
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17	FA-107	BUILDING 5 FIRE ALARM 2ND & 3RD FLOOR PLANS



**BID DOCUMENTS**

Revisions:	Date

 Dept. of Veterans Affairs  
Medical Center  
5000 W. National Avenue  
Milwaukee, WI

**ARCHITECT/ENGINEERS:**  
Clement J. Zablocki VAMC  
Facility Management Division  
  
Engineer: Michelle Dittloff  
Designer: Scott Ladwig

Drawing Title:  
**COVER SHEET**  
  
Approved (Project Director):  
Michelle Dittloff, P.E.

Project Title:  
**UPGRADE FIRE ALARM SYSTEMS BLDGS 5 & 43**  
  
Location:  
Milwaukee VAMC, Milwaukee WI  
Date: 6/28/17

Project Number:  
695-17-107  
Building Number:  
5 & 43  
Drawing Number:  
**G-001**  
Dwg. 1 of 17

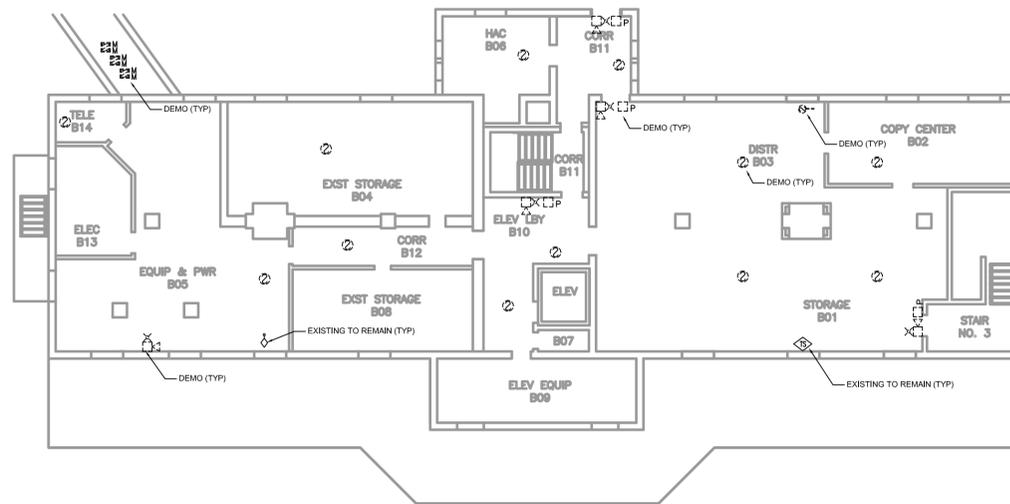
**Office of Construction and Facilities Management**

## FIRE ALARM SYMBOLS

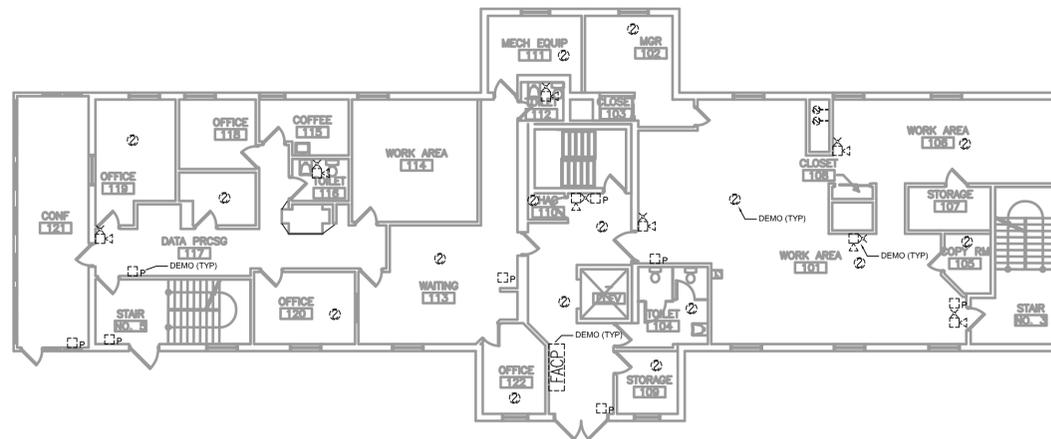
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-  EXISTING FIRE ALARM TERMINAL CABINET (DEMO)
-  EXISTING FIRE ALARM ANNUNCIATOR PANEL (DEMO)
-  EXISTING FIRE ALARM MANUAL PULL STATION (DEMO)
-  EXISTING ALARM HORN ASSEMBLY (DEMO)
-  EXISTING ALARM STROBE LIGHT ASSEMBLY (DEMO)
-  EXISTING FIRE ALARM HORN/STROBE, SEPARATE ASSEMBLY (DEMO)
-  EXISTING FIRE ALARM HORN/STROBE, ONE ASSEMBLY (DEMO)
-  EXISTING SMOKE DETECTOR (DEMO)
-  EXISTING SMOKE DUCT DETECTOR (DEMO)
-  EXISTING REMOTE TEST SWITCH AND/OR INDICATOR (DEMO)
-  EXISTING CONTROL MODULE (DEMO)
-  EXISTING MONITOR MODULE (DEMO)
-  EXISTING FIRE ALARM TAMPER SWITCH TO REMAIN IN PLACE
-  EXISTING FIRE ALARM FLOW SWITCH TO REMAIN IN PLACE

## NOTES

1. FOR EACH DUCT SMOKE DETECTOR, NEED TO DEMO THE REMOTE TEST SWITCH AND INDICATOR ASSOCIATED WITH IT.
2. ALL TAMPER SWITCHES AND FLOW SWITCHES ARE TO REMAIN IN PLACE. MONITORING MODULES ASSOCIATED WITH THEM WILL BE REPLACED.
3. THE NEW SYSTEM MUST BE OPERATIONAL BEFORE DEMO CAN BEGIN.



BASEMENT



1ST FLOOR

D:\17 NRA\695-17-107 Upgrade Fire Alarm System\Drawings\02 - Bid Documents\01 - Procurement\01 - Bid Documents\02 - Drawings\695-17-107.dwg 6-28-17 02:23:52 PM VHMW0sgoom

Revisions:	Date

 Dept. of Veterans Affairs  
Medical Center  
5000 W. National Avenue  
Milwaukee, WI



**ARCHITECT/ENGINEERS:**  
**Clement J. Zablocki VAMC**  
**Facility Management Division**  
  
**Engineer: Michelle Dittloff**  
**Designer: Scott Ladwig**

Drawing Title:  
**BUILDING 5 DEMOLITION FIRE ALARM**  
**BASEMENT & 1ST FLOOR PLANS**  
  
Approved (Project Director):  
**Michelle Dittloff, P.E.**

Project Title:  
**UPGRADE FIRE ALARM**  
**SYSTEMS BLDGS 5 & 43**  
  
Location:  
**Milwaukee VAMC, Milwaukee WI**  
Date: **6/28/17** Checked: **MD** Drawn: **JLD**

Project Number:  
**695-17-107**  
Building Number:  
**5 & 43**  
Drawing Number:  
**FD-106**  
Dwg. **9** of **17**

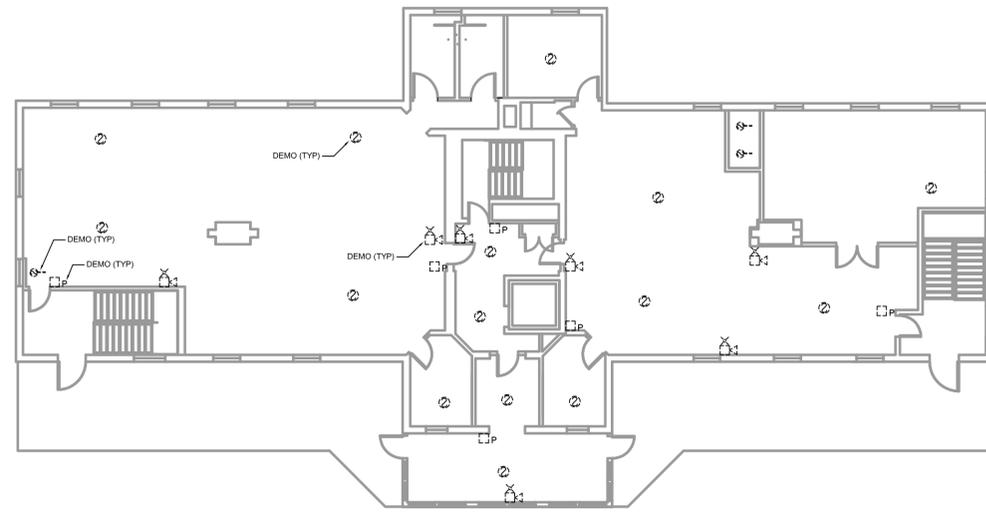
**Office of**  
**Construction**  
**and Facilities**  
**Management**

### FIRE ALARM SYMBOLS

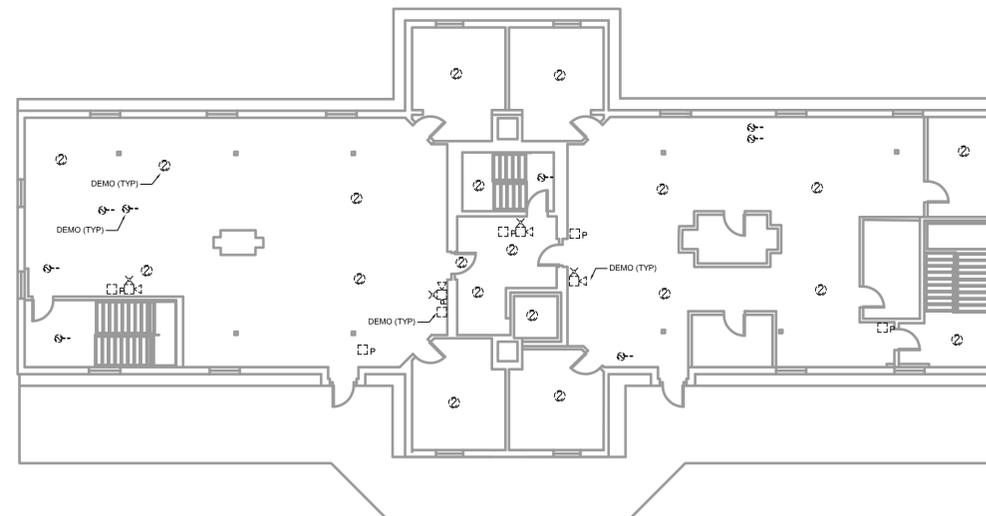
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-  EXISTING FIRE ALARM TERMINAL CABINET (DEMO)
-  EXISTING FIRE ALARM ANNUNCIATOR PANEL (DEMO)
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-  EXISTING ALARM HORN ASSEMBLY (DEMO)
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-  EXISTING SMOKE DUCT DETECTOR (DEMO)
-  EXISTING REMOTE TEST SWITCH AND/OR INDICATOR (DEMO)
-  EXISTING CONTROL MODULE (DEMO)
-  EXISTING MONITOR MODULE (DEMO)
-  EXISTING FIRE ALARM TAMPER SWITCH TO REMAIN IN PLACE
-  EXISTING FIRE ALARM FLOW SWITCH TO REMAIN IN PLACE

### NOTES

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3. THE NEW SYSTEM MUST BE OPERATIONAL BEFORE DEMO CAN BEGIN.



2ND FLOOR



3RD FLOOR

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Revisions:	Date



Dept. of Veterans Affairs  
Medical Center  
5000 W. National Avenue  
Milwaukee, WI



**ARCHITECT/ENGINEERS:**  
Clement J. Zablocki VAMC  
Facility Management Division

Engineer: Michelle Dittloff  
Designer: Scott Ladwig

Drawing Title:  
**BUILDING 5 DEMOLITION FIRE ALARM 2ND & 3RD FLOOR PLANS**

Approved (Project Director):  
**Michelle Dittloff, P.E.**

Project Title:  
**UPGRADE FIRE ALARM SYSTEMS BLDGS 5 & 43**

Location:  
**Milwaukee VAMC, Milwaukee WI**

Date: 6/28/17

Checked: MD

Drawn: JLD

Project Number:  
695-17-107

Building Number:  
5 & 43

Drawing Number:  
**FD-107**

Dwg. 10 of 17

**Office of Construction and Facilities Management**

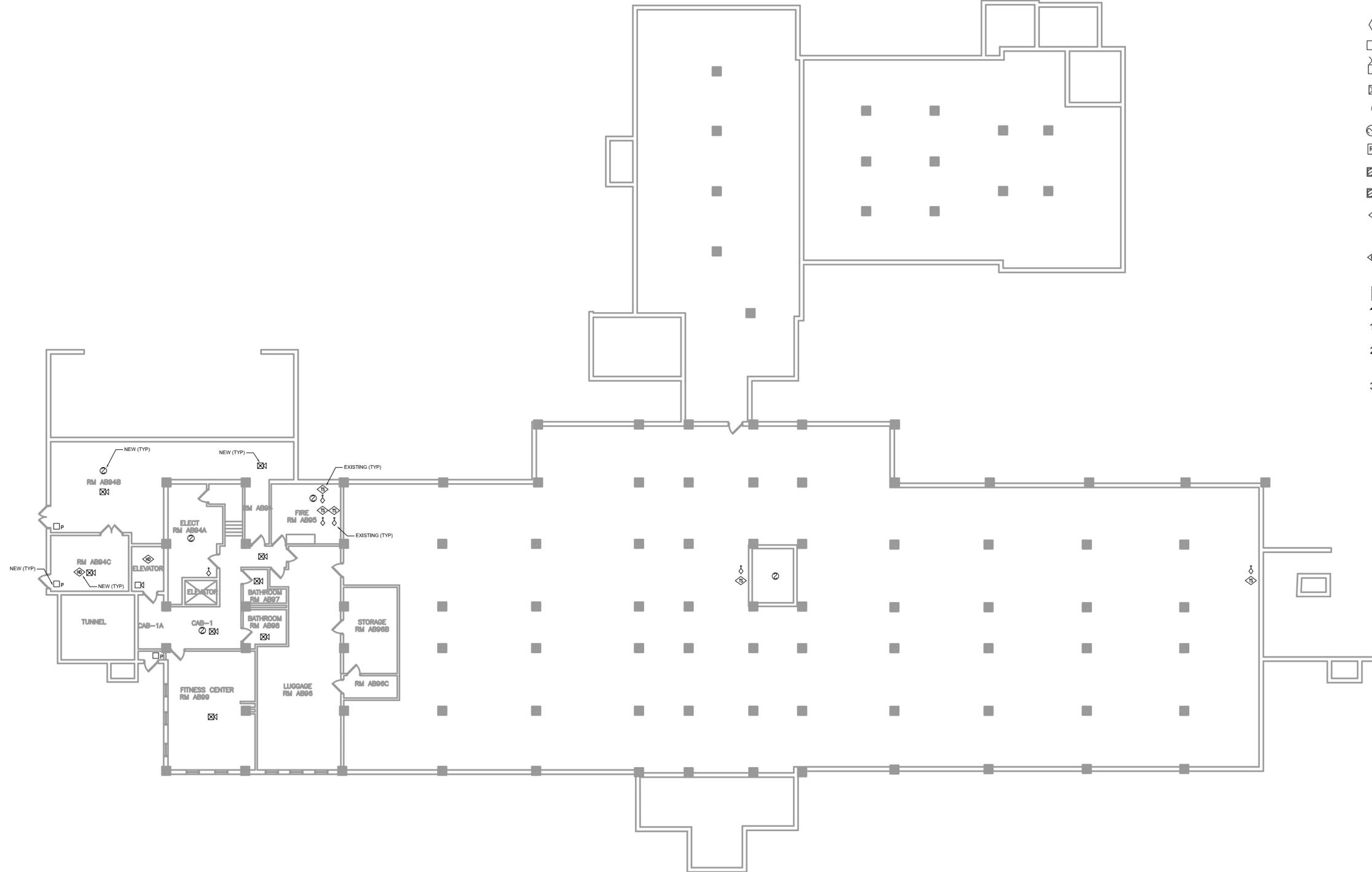


## FIRE ALARM SYMBOLS

-  FIRE ALARM CONTROL PANEL (NEW)
-  FIRE ALARM TERMINAL CABINET (NEW)
-  FIRE ALARM MANUAL PULL STATION (NEW)
-  EXISTING ALARM HORN ASSEMBLY (DEMO)
-  ALARM STROBE LIGHT ASSEMBLY (NEW)
-  FIRE ALARM HORN/STROBE, SEPARATE ASSEMBLY (NEW)
-  FIRE ALARM HORN/STROBE, ONE ASSEMBLY (NEW)
-  SMOKE DETECTOR (NEW)
-  SMOKE DUCT DETECTOR (NEW)
-  REMOTE TEST SWITCH AND/OR INDICATOR (NEW)
-  CONTROL MODULE (NEW)
-  MONITOR MODULE (NEW)
-  EXISTING FIRE ALARM TAMPER SWITCH
-  EXISTING FIRE ALARM FLOW SWITCH
-  HEAT DETECTOR (NEW)

## NOTES

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 Revisions: \_\_\_\_\_ Date \_\_\_\_\_  
 VA FORM 08-6231 1



Dept. of Veterans Affairs  
 Medical Center  
 5000 W. National Avenue  
 Milwaukee, WI



**ARCHITECT/ENGINEERS:**  
**Clement J. Zablocki VAMC**  
**Facility Management Division**  
  
**Engineer: Michelle Dittloff**  
**Designer: Scott Ladwig**

Drawing Title:  
**BUILDING 43 FIRE ALARM**  
**BASEMENT PLAN**

Approved (Project Director):  
**Michelle Dittloff, P.E.**

Project Title:  
**UPGRADE FIRE ALARM**  
**SYSTEMS BLDGS 5 & 43**

Location:  
**Milwaukee VAMC, Milwaukee WI**

Date: **6/28/17**    Checked: **MD**    Drawn: **JLD**

Project Number:  
**695-17-107**  
 Building Number:  
**5 & 43**  
 Drawing Number:  
**FA-101**  
 Dwg. **11** of **17**

**Office of**  
**Construction**  
**and Facilities**  
**Management**



## FIRE ALARM SYMBOLS

-  FIRE ALARM CONTROL PANEL (NEW)
-  FIRE ALARM TERMINAL CABINET (NEW)
-  FIRE ALARM MANUAL PULL STATION (NEW)
-  EXISTING ALARM HORN ASSEMBLY (DEMO)
-  ALARM STROBE LIGHT ASSEMBLY (NEW)
-  FIRE ALARM HORN/STROBE, SEPARATE ASSEMBLY (NEW)
-  FIRE ALARM HORN/STROBE, ONE ASSEMBLY (NEW)
-  SMOKE DETECTOR (NEW)
-  SMOKE DUCT DETECTOR (NEW)
-  REMOTE TEST SWITCH AND/OR INDICATOR (NEW)
-  CONTROL MODULE (NEW)
-  MONITOR MODULE (NEW)
-  EXISTING FIRE ALARM TAMPER SWITCH
-  EXISTING FIRE ALARM FLOW SWITCH
-  HEAT DETECTOR (NEW)

## NOTES

1. FOR EACH DUCT SMOKE DETECTOR, NEED TO INSTALL REMOTE TEST SWITCHES AND REMOTE INDICATORS.
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A  
B  
C  
D  
E  
F

1 2 3 4 5 6 7 8 9

Revisions:	Date

 Dept. of Veterans Affairs  
Medical Center  
5000 W. National Avenue  
Milwaukee, WI



**ARCHITECT/ENGINEERS:**  
Clement J. Zablocki VAMC  
Facility Management Division  
  
Engineer: Michelle Dittloff  
Designer: Scott Ladwig

Drawing Title:  
**BUILDING 43 FIRE ALARM  
1ST FLOOR PLAN**  
  
Approved (Project Director):  
**Michelle Dittloff, P.E.**

Project Title:  
**UPGRADE FIRE ALARM  
SYSTEMS BLDGS 5 & 43**  
  
Location:  
**Milwaukee VAMC, Milwaukee WI**  
  
Date: 6/28/17  
Checked: MD  
Drawn: JLD

Project Number:  
695-17-107  
Building Number:  
5 & 43  
Drawing Number:  
**FA-102**  
Dwg. 12 of 17



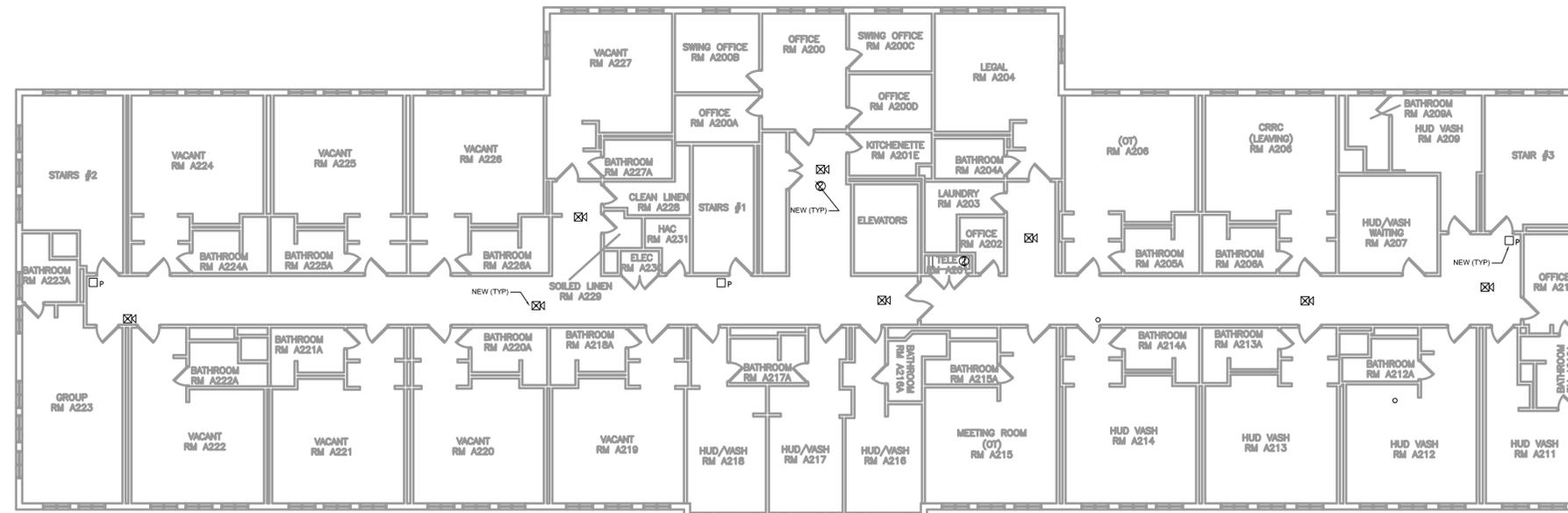
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## FIRE ALARM SYMBOLS

-  FIRE ALARM CONTROL PANEL (NEW)
-  FIRE ALARM TERMINAL CABINET (NEW)
-  FIRE ALARM MANUAL PULL STATION (NEW)
-  EXISTING ALARM HORN ASSEMBLY (DEMO)
-  ALARM STROBE LIGHT ASSEMBLY (NEW)
-  FIRE ALARM HORN/STROBE, SEPARATE ASSEMBLY (NEW)
-  FIRE ALARM HORN/STROBE, ONE ASSEMBLY (NEW)
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-  SMOKE DUCT DETECTOR (NEW)
-  REMOTE TEST SWITCH AND/OR INDICATOR (NEW)
-  CONTROL MODULE (NEW)
-  MONITOR MODULE (NEW)
-  EXISTING FIRE ALARM TAMPER SWITCH
-  EXISTING FIRE ALARM FLOW SWITCH
-  HEAT DETECTOR (NEW)

## NOTES

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 Revisions: \_\_\_\_\_ Date \_\_\_\_\_  
 VA FORM 08-6231 1


 Dept. of Veterans Affairs  
 Medical Center  
 5000 W. National Avenue  
 Milwaukee, WI



**ARCHITECT/ENGINEERS:**  
**Clement J. Zablocki VAMC**  
**Facility Management Division**  
  
**Engineer: Michelle Dittloff**  
**Designer: Scott Ladwig**

Drawing Title:  
**BUILDING 43 FIRE ALARM**  
**2ND FLOOR PLAN**  
 Approved (Project Director):  
**Michelle Dittloff, P.E.**

Project Title:  
**UPGRADE FIRE ALARM**  
**SYSTEMS BLDGS 5 & 43**  
 Location:  
**Milwaukee VAMC, Milwaukee WI**  
 Date: **6/28/17** Checked: **MD** Drawn: **JLD**

Project Number:  
**695-17-107**  
 Building Number:  
**5 & 43**  
 Drawing Number:  
**FA-103**  
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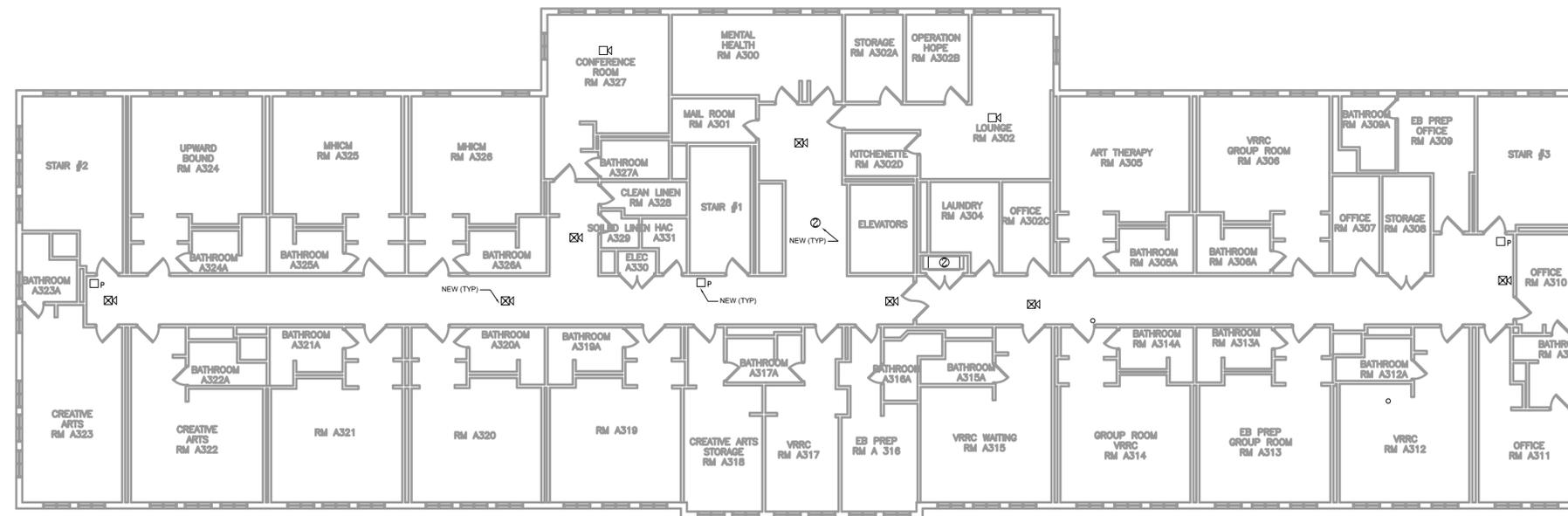
**Office of**  
**Construction**  
**and Facilities**  
**Management**

## FIRE ALARM SYMBOLS

-  FIRE ALARM CONTROL PANEL (NEW)
-  FIRE ALARM TERMINAL CABINET (NEW)
-  FIRE ALARM MANUAL PULL STATION (NEW)
-  EXISTING ALARM HORN ASSEMBLY (DEMO)
-  ALARM STROBE LIGHT ASSEMBLY (NEW)
-  FIRE ALARM HORN/STROBE, SEPARATE ASSEMBLY (NEW)
-  FIRE ALARM HORN/STROBE, ONE ASSEMBLY (NEW)
-  SMOKE DETECTOR (NEW)
-  SMOKE DUCT DETECTOR (NEW)
-  REMOTE TEST SWITCH AND/OR INDICATOR (NEW)
-  CONTROL MODULE (NEW)
-  MONITOR MODULE (NEW)
-  EXISTING FIRE ALARM TAMPER SWITCH
-  EXISTING FIRE ALARM FLOW SWITCH
-  HEAT DETECTOR (NEW)

## NOTES

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Revisions:	Date

 Dept. of Veterans Affairs  
Medical Center  
5000 W. National Avenue  
Milwaukee, WI



**ARCHITECT/ENGINEERS:**  
Clement J. Zablocki VAMC  
Facility Management Division  
  
Engineer: Michelle Dittloff  
Designer: Scott Ladwig

Drawing Title:  
**BUILDING 43 FIRE ALARM  
3RD FLOOR PLAN**  
  
Approved (Project Director):  
Michelle Dittloff, P.E.

Project Title:  
**UPGRADE FIRE ALARM  
SYSTEMS BLDGS 5 & 43**  
  
Location:  
Milwaukee VAMC, Milwaukee WI  
Date: 6/28/17 Checked: MD Drawn: JLD

Project Number:  
695-17-107  
Building Number:  
5 & 43  
Drawing Number:  
**FA-104**  
Dwg. 14 of 17

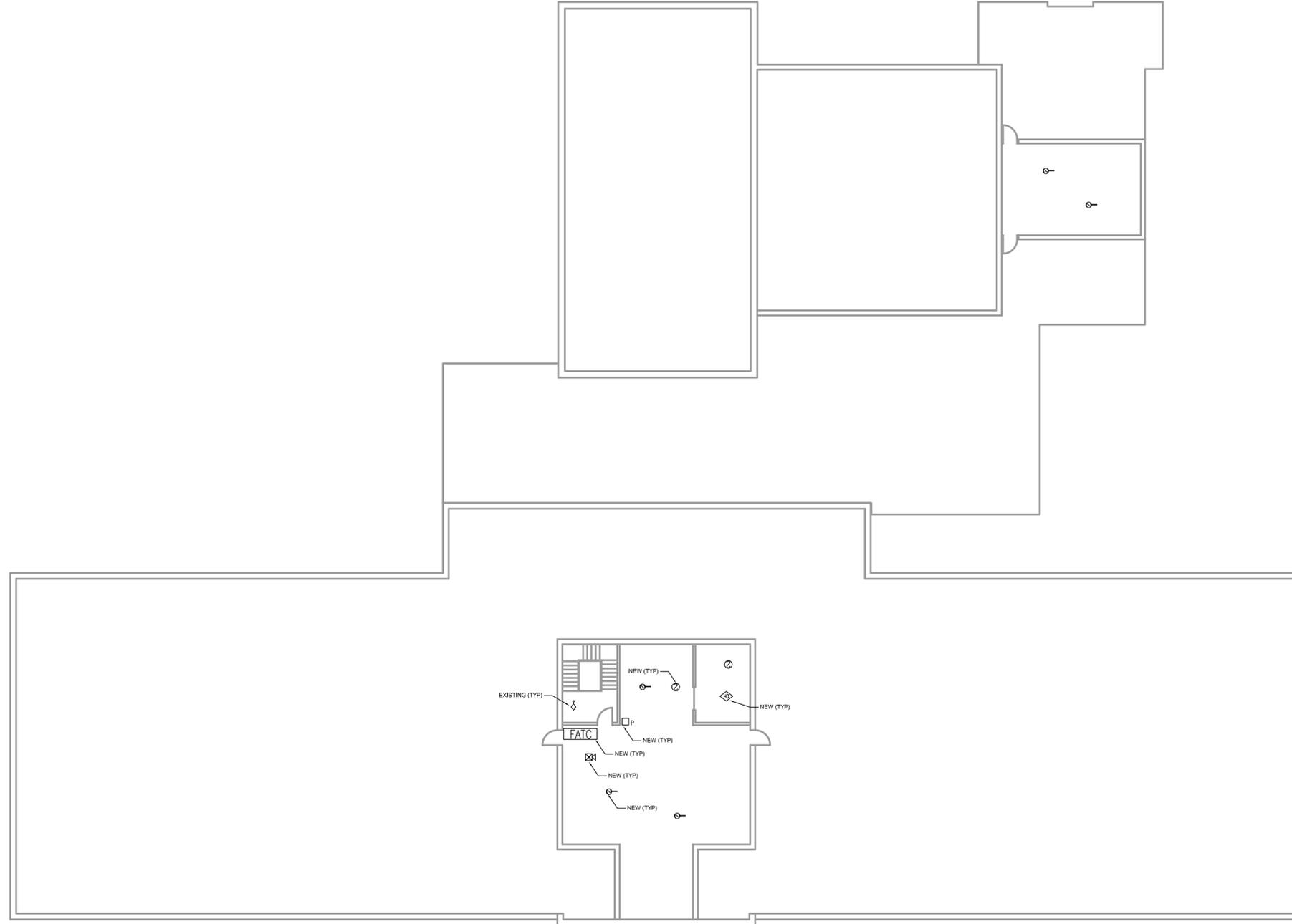
**Office of  
Construction  
and Facilities  
Management**

## FIRE ALARM SYMBOLS

-  FIRE ALARM CONTROL PANEL (NEW)
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-  ALARM STROBE LIGHT ASSEMBLY (NEW)
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-  FIRE ALARM HORN/STROBE, ONE ASSEMBLY (NEW)
-  SMOKE DETECTOR (NEW)
-  SMOKE DUCT DETECTOR (NEW)
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-  CONTROL MODULE (NEW)
-  MONITOR MODULE (NEW)
-  EXISTING FIRE ALARM TAMPER SWITCH
-  EXISTING FIRE ALARM FLOW SWITCH
-  HEAT DETECTOR (NEW)

## NOTES

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Revisions:	Date


 Dept. of Veterans Affairs  
 Medical Center  
 5000 W. National Avenue  
 Milwaukee, WI



**ARCHITECT/ENGINEERS:**  
**Clement J. Zablocki VAMC**  
**Facility Management Division**  
  
**Engineer: Michelle Dittloff**  
**Designer: Scott Ladwig**

Drawing Title:  
**BUILDING 43 FIRE ALARM**  
**PENTHOUSE PLAN**  
  
 Approved (Project Director):  
**Michelle Dittloff, P.E.**

Project Title:  
**UPGRADE FIRE ALARM**  
**SYSTEMS BLDGS 5 & 43**  
  
 Location:  
**Milwaukee VAMC, Milwaukee WI**  
 Date: **6/28/17**    Checked: **MD**    Drawn: **JLD**

Project Number:  
**695-17-107**  
 Building Number:  
**5 & 43**  
 Drawing Number:  
**FA-105**  
 Dwg. **15** of **17**

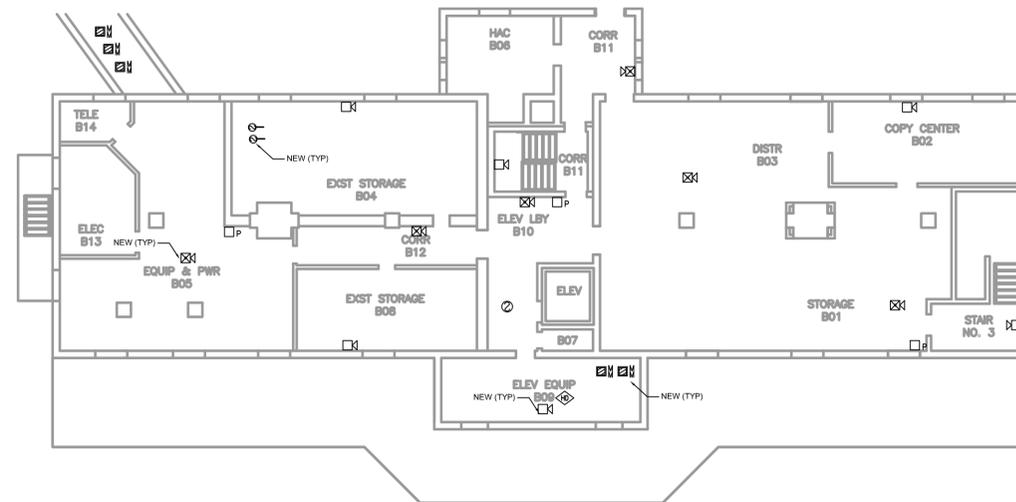
**Office of**  
**Construction**  
**and Facilities**  
**Management**

## FIRE ALARM SYMBOLS

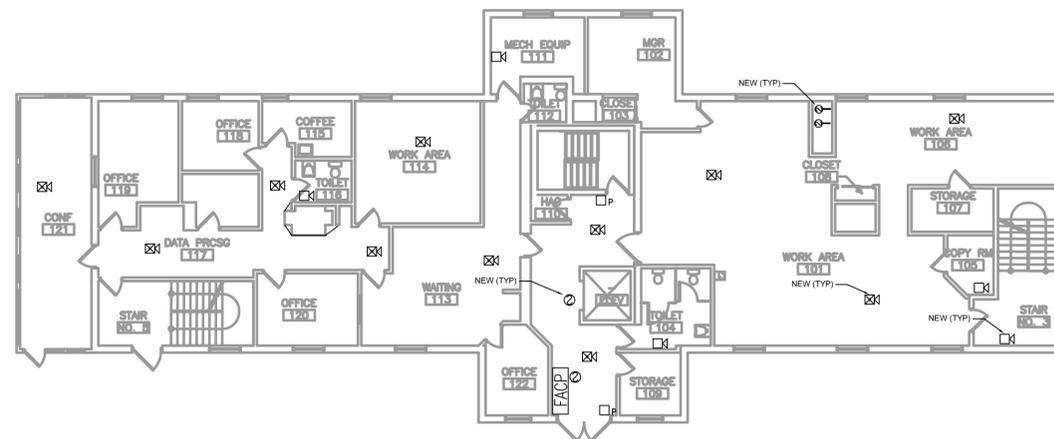
-  FIRE ALARM CONTROL PANEL (NEW)
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BASEMENT



1ST FLOOR

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Revisions:	Date



Dept. of Veterans Affairs  
Medical Center  
5000 W. National Avenue  
Milwaukee, WI



**ARCHITECT/ENGINEERS:**  
**Clement J. Zablocki VAMC**  
**Facility Management Division**  
  
**Engineer: Michelle Dittloff**  
**Designer: Scott Ladwig**

Drawing Title:  
**BUILDING 5 FIRE ALARM**  
**BASEMENT & 1ST FLOOR PLANS**  
  
 Approved (Project Director):  
**Michelle Dittloff, P.E.**

Project Title:  
**UPGRADE FIRE ALARM**  
**SYSTEMS BLDGS 5 & 43**  
  
 Location:  
**Milwaukee VAMC, Milwaukee WI**  
 Date: **6/28/17** Checked: **MD** Drawn: **JLD**  
 Project Number: **695-17-107**  
 Building Number: **5 & 43**  
 Drawing Number: **FA-106**  
 Dwg. **16** of **17**

**Office of**  
**Construction**  
**and Facilities**  
**Management**

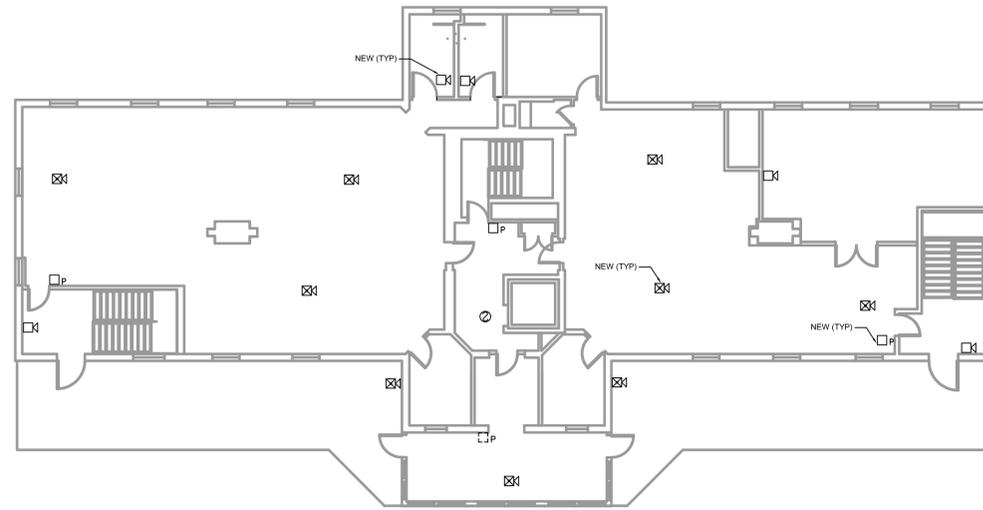


## FIRE ALARM SYMBOLS

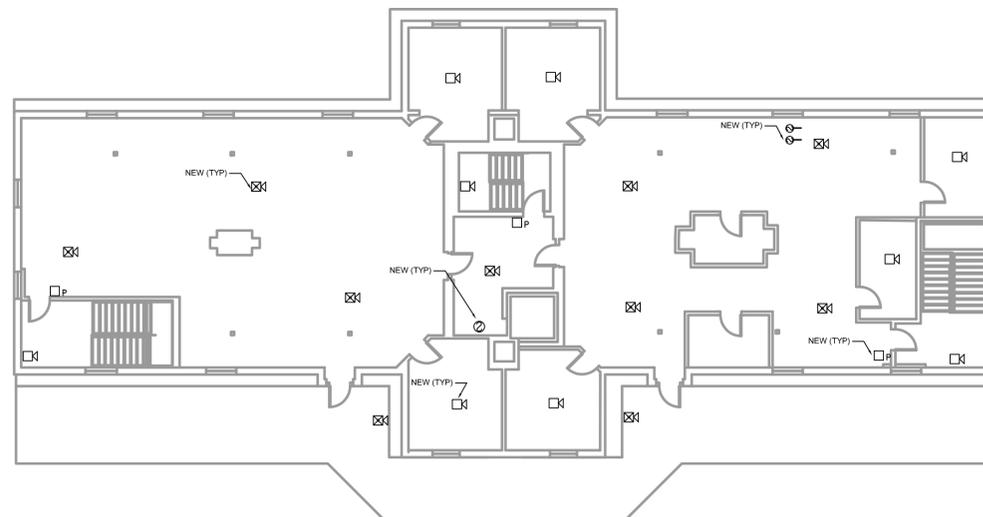
-  FIRE ALARM CONTROL PANEL (NEW)
-  FIRE ALARM TERMINAL CABINET (NEW)
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-  EXISTING FIRE ALARM FLOW SWITCH
-  HEAT DETECTOR (NEW)

## NOTES

1. FOR EACH DUCT SMOKE DETECTOR, NEED TO INSTALL REMOTE TEST SWITCHES AND REMOTE INDICATORS.
2. ALL TAMPER SWITCHES AND FLOW SWITCHES ARE TO REMAIN IN PLACE. MONITORING MODULES ASSOCIATED WITH THEM WILL BE REPLACED.
3. THE NEW SYSTEM MUST BE OPERATIONAL BEFORE DEMO CAN BEGIN.



2ND FLOOR



3RD FLOOR

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Revisions:	Date



Dept. of Veterans Affairs  
Medical Center  
5000 W. National Avenue  
Milwaukee, WI



**ARCHITECT/ENGINEERS:**  
**Clement J. Zablocki VAMC**  
**Facility Management Division**

Engineer: Michelle Dittloff  
 Designer: Scott Ladwig

Drawing Title:  
**BUILDING 5 FIRE ALARM**  
**2ND & 3RD FLOOR PLANS**

Approved (Project Director):  
**Michelle Dittloff, P.E.**

Project Title:  
**UPGRADE FIRE ALARM**  
**SYSTEMS BLDGS 5 & 43**

Location:  
**Milwaukee VAMC, Milwaukee WI**

Date: **6/28/17**    Checked: **MD**    Drawn: **JLD**

Project Number:  
**695-17-107**

Building Number:  
**5 & 43**

Drawing Number:  
**FA-107**  
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**Office of**  
**Construction**  
**and Facilities**  
**Management**

