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FIRE ALARM DESIGN BY:  
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NICET CER. LEVEL IV #10256  
OHIO FIRE ALARM DESIGNER #319

THIS PERIOD IS FURNISHED UPON CONDITION THAT IT SHALL NOT BE RELEASED OR DISCLOSED IN WHOLE OR IN PART FOR PROSECUTIVE PURPOSES WITHOUT THE EXPRESS WRITTEN CONSENT OF LIFE SAFETY SYSTEMS, LLC. FURTHERMORE, THIS DRAWING, ANY DATA OR INFORMATION SHOWN THEREON SHALL NOT BE RELEASED OR DUPLICATED USED OR DISCUSSED IN WHOLE OR IN PART FOR PROSECUTIVE PURPOSES WITHOUT SAID PERMISSION.

REVISIONS

|   |            |                             |
|---|------------|-----------------------------|
| 1 | 11/6/2021  | PLAN REVIEW/PERMIT          |
| 2 | 12/28/2021 | ADDED ANIMAL HOSPITAL NORTH |

## FIRE ALARM GENERAL NOTES

4. APPLICABLE COMBINATIONS OF DEVICES, APPLIANCES AND EQUIPMENT SHALL BE LISTED FOR THE PURPOSE FOR WHICH THEY ARE USED AND SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
5. APPLICABLE CODES AND STANDARDS SHALL BE, BUT NOT LIMITED TO, THE CURRENT ISSUES OF OBC, NEC, NEC, NFPA 72, AND ANY LOCAL REQUIREMENTS.

C. NO EQUIPMENT SHALL BE SUBMITTED FOR OR LOCATIONS AND QUANTITIES DEVIATED FROM ON THE APPROVED PLANS WITHOUT WRITTEN PERMISSION FROM THE SYSTEM DESIGN ENGINEER.

D. THE INSTALLING CONTRACTOR SHALL PROVIDE QUALIFIED EXPERIENCED INSTALLERS THAT ARE CURRENTLY LICENSED TO INSTALL FIRE ALARMS IN THE STATE OF MISSOURI. ALL PERSONS WORKING ON THE FIRE ALARM SYSTEM ARE TO BE LICENSED FOR SUCH WORK.

THE INSTALLING CONTRACTOR SHALL MAINTAIN ON THE SITE AN APPROVED SET OF THE FIRE ALARM PLANS, NOTED JUNCTION BOX LOCATIONS, ETC., AND ANY OTHER INFORMATION NEEDED DURING THE INSTALLATION PROCESS. THESE MARKED-UP PLANS SHALL BE THE RECORD DRAWINGS WHICH ARE REQUIRED TO BE PROVIDED TO THE OWNER UPON COMPLETION OF THE WORK.

F. ALLFIRE ALARM SYSTEM WIRING SHALL BE IN COMPLIANCE WITH NEC, ARTICLE 760. CONDUCTOR JACKET SHALL BE FPL, FPLR OR FPLP (AS APPLICATION DICTATES). FOR OPEN WIRING, THIN OR EQUIVALENT MAY BE USED IN CONDUIT.

5. ALL LIKE ALARM JUNCTION BOXES SHALL BE PAINTED RED, AND ALL CONDUCTORS AND CIRCUITS SHALL BE CLEARLY MARKED / IDENTIFIED WITH CIRCUIT COLOR CODING BEING MAINTAINED THROUGHOUT THE INSTALLATION IF REQUIRED BY LOCAL AUTHORITY.

1. MANUAL PULL STATIONS SHALL BE MOUNTED AT 48" A E E

3. HORN STROBES AND STROBES SHALL BE MOUNTED AT 80" A.F.F. AT THE BOTTOM OF THE DEVICE UNLESS OTHERWISE NOTED. OR CEILING MOUNT DEVICES ARE TO BE USED. ALL STROBE DEVICES SHALL BE SET AT 15 CANDELA UNLESS OTHERWISE NOTED.

K. PROVIDE FIRE STOPPING AT ALL PENETRATIONS OF FIRE OR SMOKE PARTITIONS.

L. UPON COMPLETION THE INSTALLING CONTRACTOR SHALL PERFORM A 100% TEST OF THE SYSTEM BEFORE THE LOCAL AUTHORITIES HAVING

THE ACCEPTANCE TEST SHALL BE ACCOMPLISHED WITH THE AUTHORITIES HAVING JURISDICTION, AND THE REQUIRED RECORD OF COMPLETION, OWNERS JURISDICTION ARE CONTACTED FOR THE REQUIRED ACCEPTANCE TEST.

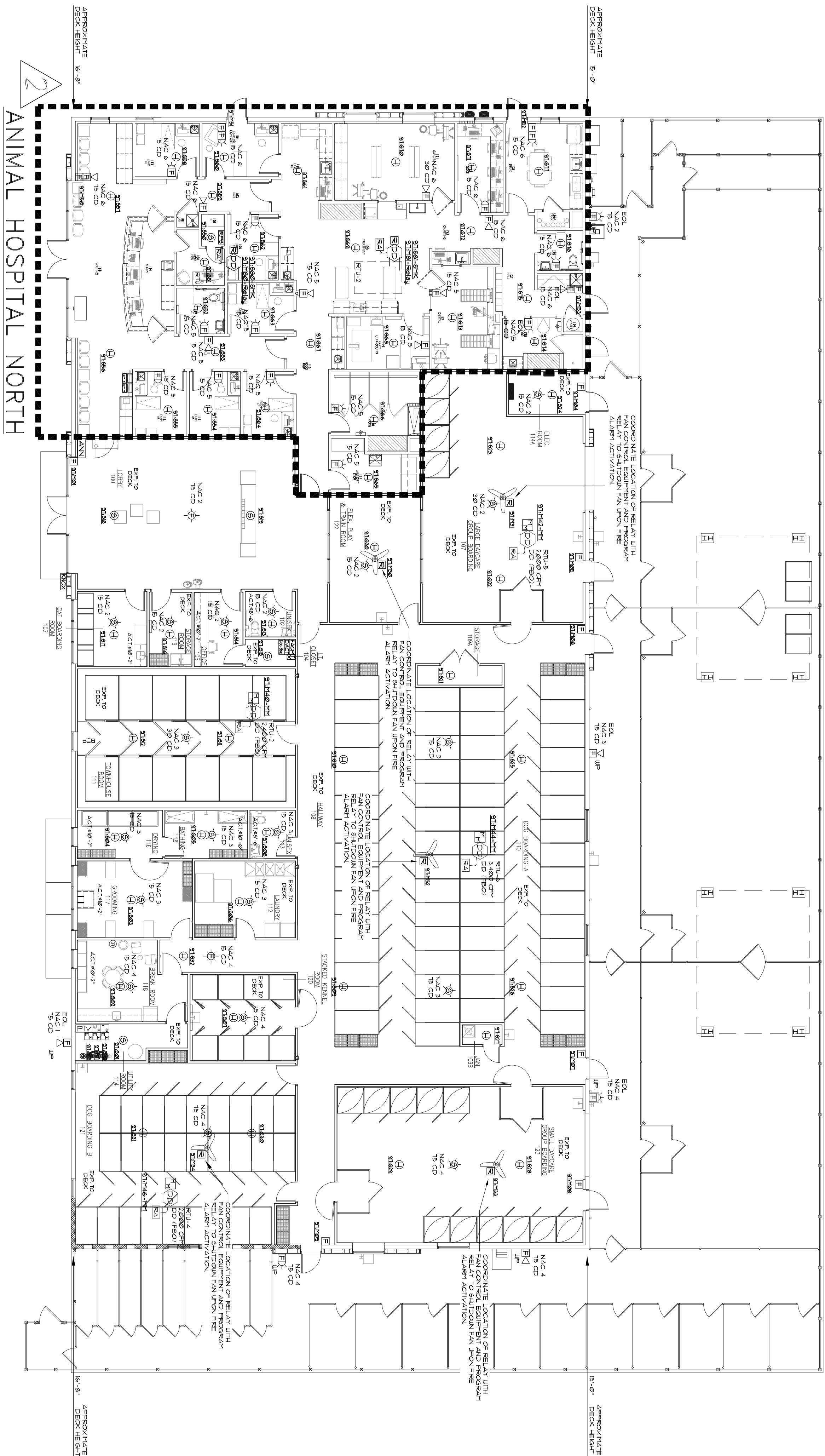
PER CODE ALL REQUIRED FIRE ALARM SYSTEMS SHALL BE MONITORED. CONTACT LIFE SAFETY SYSTEMS, LLC FOR TECHNICAL ASSISTANCE IN EVALUATING THE EXISTING PROTECTIVE SYSTEMS AND TO DETERMINE WHAT EQUIPMENT SHALL BE FURNISHED TO THE OWNER.

JOB NAME:












**PetSuites of America**  
2250 NW McNary Court  
Lee's Summit, MO 64086  
FIRE ALARM PLAN

|                    |                  |
|--------------------|------------------|
| DRAWN BY: Jacob A. | DATE: 04/25/2021 |
| CHECKED BY:        | DATE:            |

FA-01

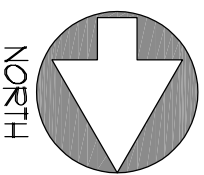


## ANIMAL HOSPITAL NORTH SYMBOL LEGEND

- |    |   |   |
|----|---|---|
| 1  |  | ADDRESSABLE STROKE DETECTOR<br>SILENT KNIGHT IDP-HALO               |
| 25 |  | ADDRESSABLE HEAT DETECTOR<br>SILENT KNIGHT IDP-HEAT                 |
| 3  |  | HORN/STROKE (Wall Mounted)<br>SYSTEM SENSOR PIRL                    |
| 14 |  | STROKE (Wall Mounted)<br>SYSTEM SENSOR REL                          |
| 4  |  | ADDRESSABLE PULL STATION<br>SILENT KNIGHT IDP-PULL-5A               |
| EX |  | EXPLAIN FIRE ALARM CONTROL PANEL<br>SILENT KNIGHT ASSEMBLY IFFP-300 |
| 1  |  | NEIL REMOTE POWER SUPPLY<br>SILENT KNIGHT 5456                      |
| 2  |  | ADDRESSABLE RELAY<br>SILENT KNIGHT IDP-RELAY                        |
| 2  |  | ADDRESSABLE DUCT DETECTOR<br>SILENT KNIGHT DNR                      |
| 2  |  | REMAINDER DETECT (Glass otherwise needed)<br>SILENT KNIGHT 5400     |
| 2  |  | REMAINER ALARM LED<br>SILENT KNIGHT 5400                            |

# FIRE ALARM PLAN

SCALE 3/32" = 1'-0"



# PRIVACY MODE SIGNALING SYSTEM

N CONSIDERATION FOR ANIMAL CARE AND RESEARCH WITHIN THE USE OF CRYSTAL SIGNALING DEVICES. THE SIGNALING DEVICES SHOULD BE USED AND 5 THE BASIS FOR THIS DESIGN UNDER NFPA 72, SECTION 18.4.2.

MINIMAL USE OF AUDIBLE SIGNALS, BUT COMPLETE VISUAL COVERAGE THROUGHOUT THE FACILITY ALLOWS FOR ALERTING SIGHT OF PARKED VEHICLES AND PERSONNEL TO THE DECEIBEL LEVELS DOWN 95 AND NOT TO STEPS AND PLANT ANIMALS WITHIN THE FACILITY.

## SYMBOL LEGEND

- |         |  |
|---------|--|
| ⑤       | ADDRESSABLE SMOKE DETECTOR<br>SILENT KNIGHT IDP-FOTO   |
| ④       | ADDRESSABLE HEAT DETECTOR<br>SILENT KNIGHT IDP-HEAT  |
| ③       | HORN/STROBE (Ceiling Mounted)<br>5-1/8" STEM SENSOR FCURL<br>HORN/STROBE OUTDOOR (Wall Mounted)<br>5-1/8" STEM SENSOR F2SK |
| ②       | STROBE (Ceiling Mounted)<br>5-1/8" STEM SENSOR 9CCL<br>STROBE OUTDOOR (Wall Mounted)<br>5-1/8" STEM SENSOR 9SK             |
| ①       | ADDRESSABLE FULL STATION<br>SILENT KNIGHT IDP-FULL-5A  |
| ELCB    | FIRE ALARM CONTROL PANEL<br>FIRE ALARM REMOTE FIREMNT-IP-3000<br>FIRE ALARM REMOTE ANNUNCIATOR<br>SILENT KNIGHT RA-1000R   |
| DAC1    | NARPO DIGITAL ALARM COMMUNICATOR<br>STAIR LINK SILENT-DEV/CRB95  |
| ①       | 3-URGE PROTECTIVE DEVICE<br>DITEX DTK-10040  |
| ②       | ADDRESSABLE RELAY<br>SILENT KNIGHT IDP-RELAY   |
| ③       | DUCT DETECTOR<br>Mounted in Return Duct (unless otherwise noted)<br>(FURNISHED BY OTHERS)                                  |
| ④       | REMOTE ALARM LED<br>(FURNISHED BY OTHERS)  |
| ⑤       | ADDRESSABLE MONITOR MODULE<br>SILENT KNIGHT IDP-MINION   |
| Doc Box | DOCUMENT BOX   |
| KNOX    | KNOX BOX<br>FURNISHED BY GENERAL CONTRACTOR  |
| ①       | SPRINKLER ALARM/ON SWITCH<br>FURNISHED BY OTHERS (FBO)   |
| ②       | SPRINKLER ALARM SWITCH<br>FURNISHED BY OTHERS (FBO)  |
| ③       | POST INDICATOR VALVE<br>FURNISHED BY OTHERS (FBO)  |
| ④       | WEATHER-PROOF DEVICE<br>FBO  |
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