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FIRE ALARM DESIGN BY:
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OHIO FIRE ALARM DESIGNER #3191

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

REVISIONS

1	11/16/2021	PLAN REVIEW/PERMIT
2	12/28/2021	ADDED ANIMAL HOSPITAL NORTH

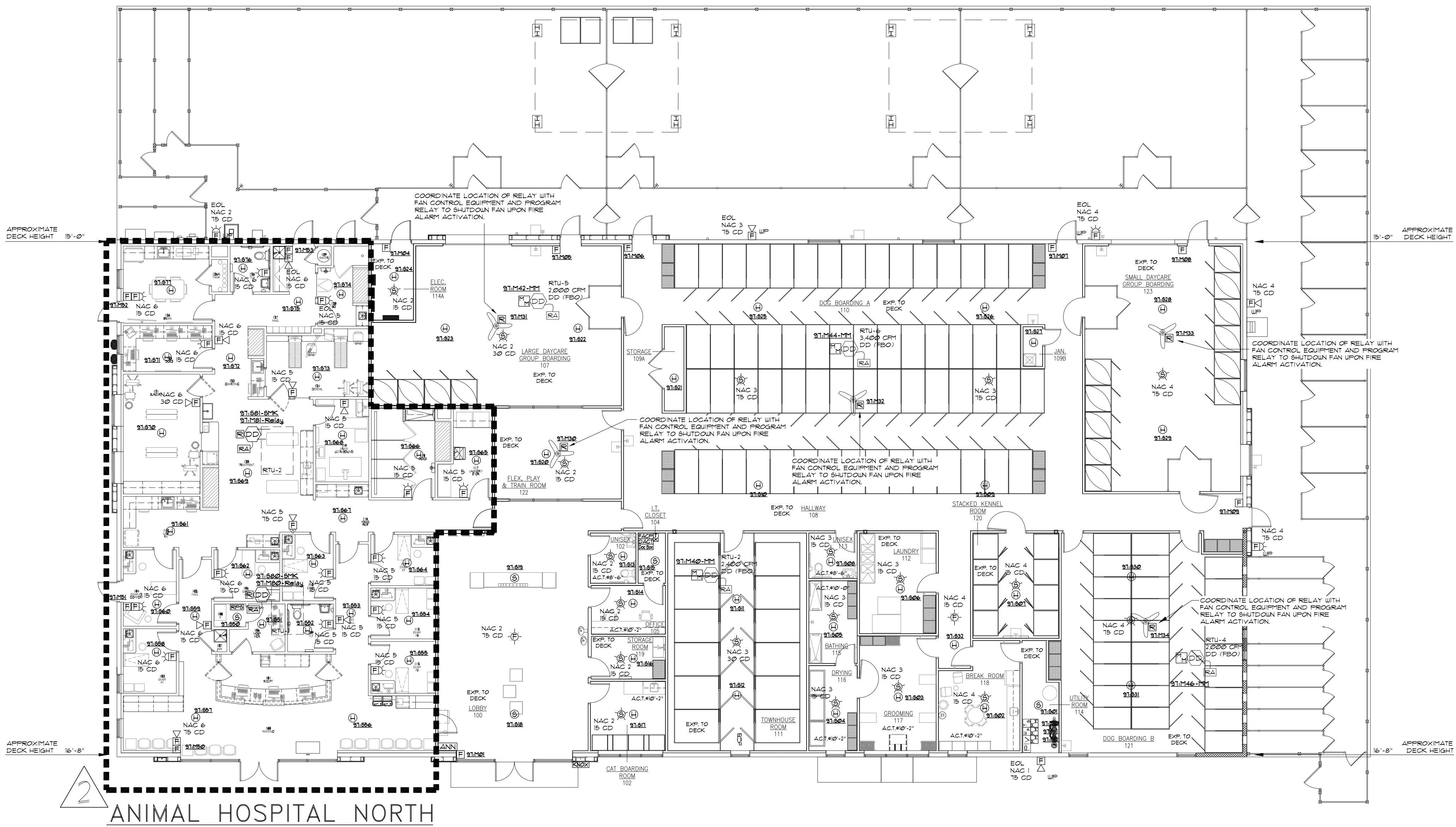
FIRE ALARM GENERAL NOTES

- ALL DEVICES, 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.
- APPLICABLE CODES AND STANDARDS SHALL BE, BUT NOT LIMITED TO, THE CURRENT ISSUES OF O.B.C., O.F.C., N.E.C., N.F.P.A. 72, AND ANY LOCAL REQUIREMENTS.
- NO EQUIPMENT SHALL BE SUBSTITUTED FOR, OR LOCATIONS AND QUANTITIES DEVIATED FROM ON THE APPROVED PLANS WITHOUT WRITTEN PERMISSION FROM THE SYSTEM DESIGN ENGINEER.
- 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.
- ALL FIRE ALARM SYSTEM WIRING SHALL BE IN COMPLIANCE WITH N.E.C. ARTICLE 760. CONDUCTOR JACKET SHALL BE FPL, FPLR, OR FPLP (AS APPLICATION DICTATES); FOR OPEN WIRING, THHN OR EQUIVALENT MAY BE USED IN CONDUIT.
- ALL FIRE 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.
- ALL FIRE ALARM CONTROL PANELS SHALL RECEIVE ITS OPERATING POWER FROM A DEDICATED 120VAC SOURCE. THIS BREAKER SHALL BE IDENTIFIED AND MECHANICALLY LOCKED IN THE "ON" POSITION.
- MANUAL PULL STATIONS SHALL BE MOUNTED AT 48" AFF.
- HORN/ STROBES AND STROBES SHALL BE MOUNTED AT 80" AFF. 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.
- PROVIDE FIRE STOPPING AT ALL PENETRATIONS OF FIRE OR SMOKE PARTITIONS.
- UPON COMPLETION, THE INSTALLING CONTRACTOR SHALL PERFORM A 100% TEST OF THE SYSTEM BEFORE THE LOCAL AUTHORITIES HAVING JURISDICTION ARE CONTACTED FOR THE REQUIRED ACCEPTANCE TEST.
- THE ACCEPTANCE TEST SHALL BE ACCOMPLISHED WITH THE AUTHORITIES HAVING JURISDICTION, AND THE REQUIRED RECORD OF COMPLETION, OWNERS MANUAL, AND AS-BUILT DRAWINGS SHALL BE FURNISHED TO THE OWNER.
- PER CODE, ALL REQUIRED FIRE ALARM SYSTEMS SHALL BE MONITORED. CONTACT LIFE SAFETY SYSTEMS, LLC FOR TECHNICAL ASSISTANCE IN ENSURING THE F.A.C.P. IS PROPERLY TIED INTO TWO PHONE LINES FOR THE OFF-PREMISES MONITORING.

JOB NAME:
PetSuites of America
250 NW McNary Court
Lee's Summit, MO 64086
FIRE ALARM PLAN

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

FA-01



SYMBOL LEGEND

Ⓢ	ADDRESSABLE SMOKE DETECTOR SILENT KNIGHT IDP-PHOTO
Ⓜ	ADDRESSABLE HEAT DETECTOR SILENT KNIGHT IDP-HEAT
Ⓜ	HORN/STROBE (Ceiling Mounted) SYSTEM SENSOR F2RL
Ⓜ	HORN/STROBE OUTDOOR (Wall Mounted) SYSTEM SENSOR F2RK
Ⓜ	STROBE (Ceiling Mounted) SYSTEM SENSOR SCRL
Ⓜ	STROBE OUTDOOR (Wall Mounted) SYSTEM SENSOR SRK
Ⓜ	ADDRESSABLE PULL STATION SILENT KNIGHT IDP-PULL-SA
Ⓜ	FIRE ALARM CONTROL PANEL SILENT KNIGHT FARENHYT IFP-300
Ⓜ	FIRE ALARM REMOTE ANNUNCIATOR SILENT KNIGHT RA-1000R
Ⓜ	NARCO DIGITAL ALARM CONTROLLER STARLINK SLE-LTEV1-CFBFS
Ⓜ	SURGE PROTECTIVE DEVICE DITEK DTK-120HW
Ⓜ	ADDRESSABLE RELAY SILENT KNIGHT IDP-RELAY
Ⓜ	DUCT DETECTOR Mounted In Return Duct (unless otherwise noted) (FURNISHED BY OTHERS)
Ⓜ	REMOTE ALARM L.E.D. (FURNISHED BY OTHERS)
Ⓜ	ADDRESSABLE MONITOR MODULE SILENT KNIGHT IDP-MINIMON
Ⓜ	DOCUMENT BOX
Ⓜ	KNOX BOX FURNISHED BY GENERAL CONTRACTOR
Ⓜ	SPRINKLER WATERFLOW SWITCH FURNISHED BY OTHERS (FBO)
Ⓜ	SPRINKLER TAMPER SWITCH FURNISHED BY OTHERS (FBO)
Ⓜ	POST INDICATOR VALVE FURNISHED BY OTHERS (FBO)
Ⓜ	WP = WEATHER PROOF DEVICE
Ⓜ	FBO = FURNISHED BY OTHERS
Ⓜ	A.C.T. = ACOUSTIC CEILING TILE

NOTE:
"EXP. TO DECK" REFERS TO THE ROOM THAT DOES NOT HAVE A FINISHED CEILING. THE DECK HEIGHT VARIES DUE TO THE ROOF SLOPE AND WILL HAVE A RANGE FROM 15'-0" TO 16'-8" AFF.

PRIVACY MODE SIGNALING SYSTEM

IN CONSIDERATION FOR ANIMAL CARE AND BOARDING WITHIN THIS PUBLIC ACCESS RESTRICTED FACILITY, THE USE OF PRIVATE SIGNALING MODE SHOULD BE USED, AND IS THE BASIS FOR THIS DESIGN UNDER NFPA 72, SECTION 18.4.4.2. MINIMAL USE OF AUDIBLE SIGNALS BUT COMPLETE VISUAL COVERAGE THROUGHOUT THE FACILITY ALLOWS FOR ALERTING STAFF TO TAKE ACTION DURING AN ALARM EVENT WHILE KEEPING THE DECIBEL LEVELS DOWN SO AS NOT TO STRESS AND PANIC ANIMALS WITHIN THE FACILITY.

ANIMAL HOSPITAL NORTH SYMBOL LEGEND

Quan.	Symbol	Description
1	Ⓢ	ADDRESSABLE SMOKE DETECTOR SILENT KNIGHT IDP-PHOTO
25	Ⓜ	ADDRESSABLE HEAT DETECTOR SILENT KNIGHT IDP-HEAT
9	Ⓜ	HORN/STROBE (Wall Mounted) SYSTEM SENSOR F2RL
14	Ⓜ	STROBE (Wall Mounted) SYSTEM SENSOR SCRL
4	Ⓜ	ADDRESSABLE PULL STATION SILENT KNIGHT IDP-PULL-SA
EX	Ⓜ	EX MAIN FIRE ALARM CONTROL PANEL SILENT KNIGHT FARENHYT IFP-300
1	Ⓜ	NEW REMOTE POWER SUPPLY SILENT KNIGHT 5496
2	Ⓜ	ADDRESSABLE RELAY SILENT KNIGHT IDP-RELAY
2	Ⓜ	ADDRESSABLE DUCT DETECTOR SILENT KNIGHT DNR Mounted In Return Duct (unless otherwise noted)
2	Ⓜ	REMOTE ALARM L.E.D. SILENT KNIGHT RA100

FIRE ALARM PLAN
SCALE 3/32" = 1'-0"

