

FIRE ALARM DESIGN BY:
DAMON G. LEWIS, SET
NICET CER. LEVEL IV #102567
OHIO FIRE ALARM DESIGNER #319

THIS PRINT IS FURNISHED UPON CONDITION THAT IT SHALL NOT BE RELEASED, DUPLICATED, USED OR DISCLOSED, IN WHOLE OR IN PART FOR ANY 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 DISCLOSED IN WHOLE OR IN PART FOR CONSTRUCTION PURPOSES WITHOUT SAID PERMISSION.

REVISIONS

1	11/6/2021	PLAN REVIEW/PERMIT
2	12/28/2021	ADDED ANIMAL HOSPITAL NORTH
3	03/04/2022	CITY REVIEW REVISION

FIRE ALARM GENERAL NOTES

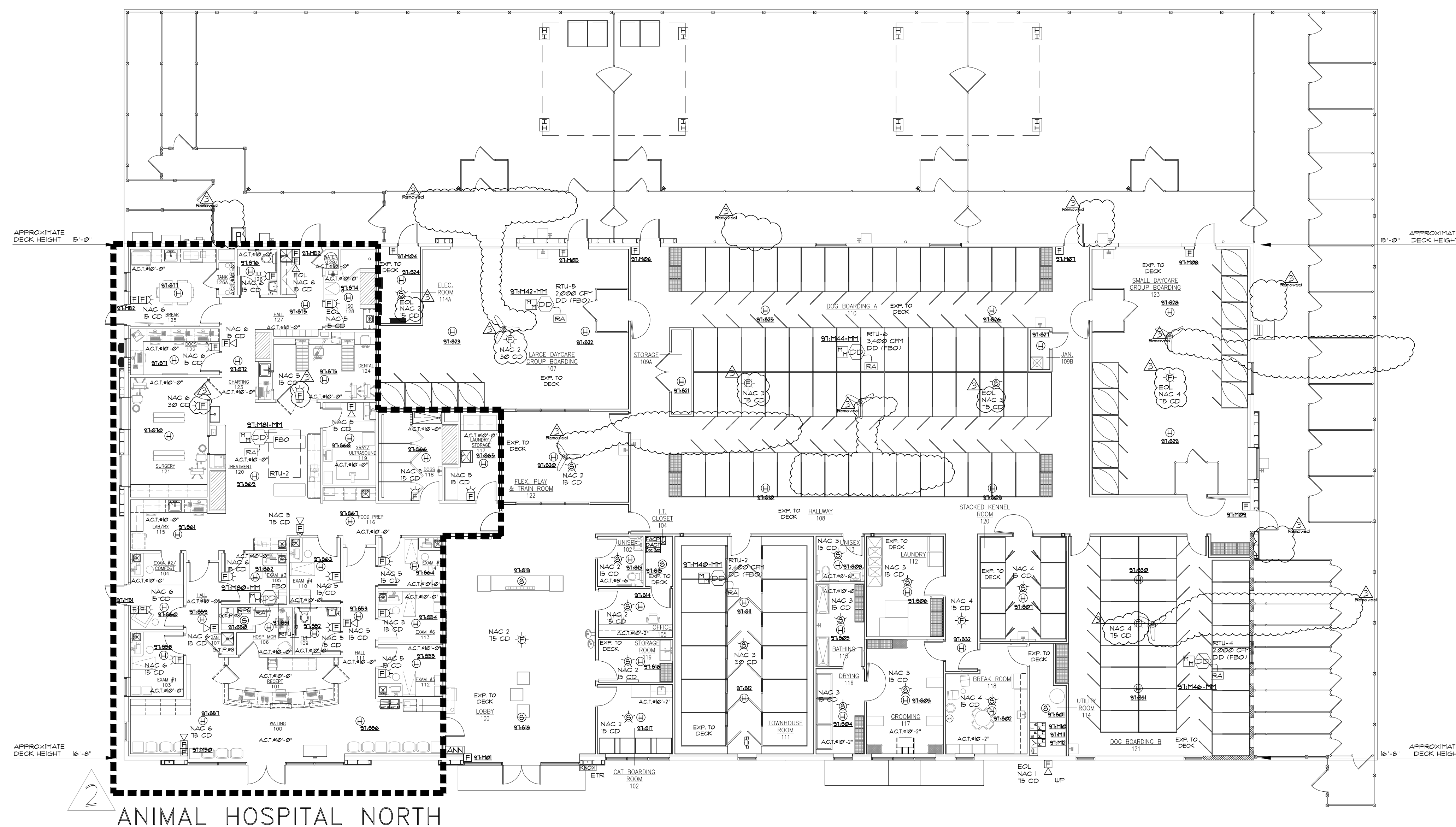
- A. ALL DEVICES, COMBINATIONS OF DEVICES, AFFILIANCES AND EQUIPMENT SHALL BE LISTED FOR THE PURPOSES FOR WHICH THEY ARE USED AND SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.
- B. APPLICABLE CODES AND STANDARDS SHALL BE, BUT NOT LIMITED TO, THE CURRENT ISSUES OF O.B.C., O.F.C., N.E.C. N.F.P.A. 72, AND ANY LOCAL REQUIREMENTS.
- C. NO EQUIPMENT SHALL BE SUBSTITUTED FOR, OR LOCATIONS AND QUANTITIES DEVIATED FROM 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.
- E. 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. ALL FIRE ALARM SYSTEM WIRING SHALL BE IN COMPLIANCE WITH N.E.C. ARTICLE 760. CONDUCTOR JACKET SHALL BE FIBER OPTIC RIGID (AS APPLICATION DICTATES), FOR OPEN WIRING, THHN OR EQUIVALENT MAY BE USED IN CONDUIT.
- G. ALL FIRE ALARM JUNCTION BOXES SHALL BE PAINTED RED, AND ALL CONDUITS AND CIRCUITS SHALL BE CLEARLY MARKED AND IDENTIFIED WITH CIRCUIT COLOR CODING BEING MAINTAINED THROUGHOUT THE INSTALLATION IF REQUIRED BY LOCAL AUTHORITY.
- H. 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.
- I. MANUAL PULL STATIONS SHALL BE MOUNTED AT 48" AFF.
- J. HORN/ STROBES AND STROBES SHALL BE MOUNTED AT 80" AFF. AT THE BOTTOM OF THE DEVICE UNLESS OTHERWISE NOTED. SIRELLI MOUNT DEVICES ARE TO BE USED. STROBE DEVICES SHALL BE SET AT 75 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 JURISDICTION ARE CONTACTED FOR THE REQUIRED ACCEPTANCE TEST.
- M. 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.
- N. PER CODE, ALL REQUIRED FIRE ALARM SYSTEMS SHALL BE MONITORED CONTACT LINE SAFE SYSTEMS, I.L.C FOR TECHNICAL ASSISTANCE IN ENSURING THE F.A.C.P. IS PROPERLY TIED INTO TWO PHONE LINES FOR THE OFF-PREMISES MONITORING.

JOB NAME: Lee's Summit Animal Hospital North
250 NW McNary Court
Lee's Summit, MO 64086
FIRE ALARM PLAN

DRAWN BY: Jacob A.	DATE: 02/18/2022
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CHECKED BY: .	DATE: .
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FA-01



ANIMAL HOSPITAL NORTH
SYMBOL LEGEND

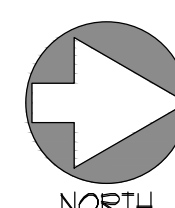
SYMBOL LEGEND	
Quan.	
1	NEW ADDRESSABLE SMOKE DETECTOR SILENT KNIGHT IDF-PHOTO
27	NEW ADDRESSABLE HEAT DETECTOR SILENT KNIGHT IDF-HEAT
7	NEW HORN/STROBE (Wall Mounted) SYSTEM SENSOR F2RL
16	NEW STROBE (Wall Mounted) SYSTEM SENSOR 6RL
4	NEW ADDRESSABLE FULL STATION SILENT KNIGHT IDF-FULL-SA
ETR	EX MAIN FIRE ALARM CONTROL PANEL SILENT KNIGHT FARENHTT IDF-300
1	NEW REMOTE POWER SUPPLY SILENT KNIGHT 5496
2	NEW ADDRESSABLE MONITOR MODULE SILENT KNIGHT IDF-MINIMON
FBO	EX DUCT DETECTOR Mounted In Return Duct (unless otherwise noted) (FURNISHED BY OTHERS)
FBO	EX REMOTE ALARM I.E.D. (FURNISHED BY OTHERS)

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 10.4.4.2.

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.



FIRE ALARM PLAN

SCALE 3/32" = 1'-0"