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AHJ
LEE'S SUMMIT
Designer NICET Level III
TROY KOEHN
Scale
AS INDICATED
Job Number
42013582
Date
07/10/2025
Description
FIRE ALARM
System Type
VES / ELITE RS

Revisions
AHJ COMMENTS 08/25

AHJ STAMP

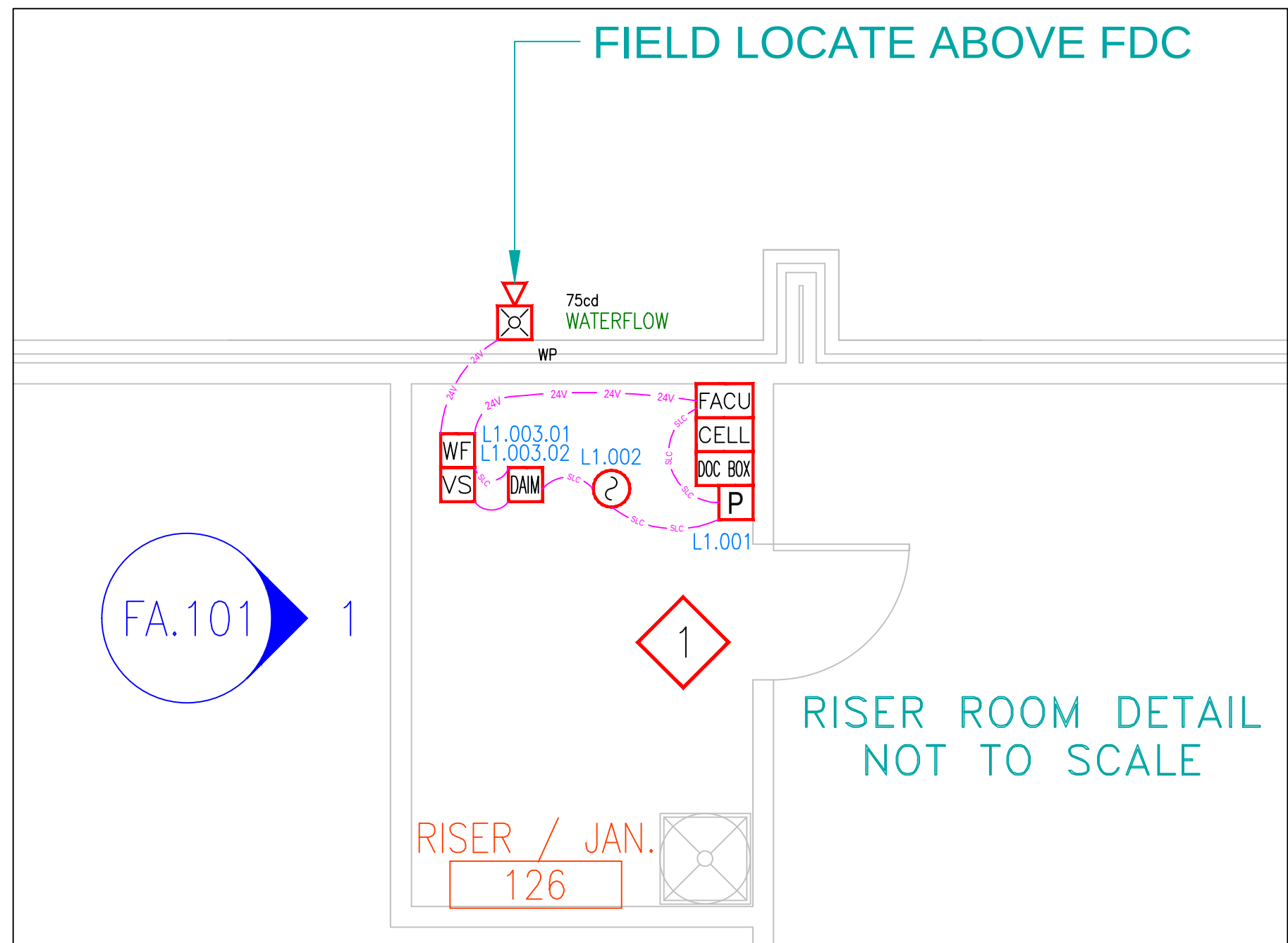
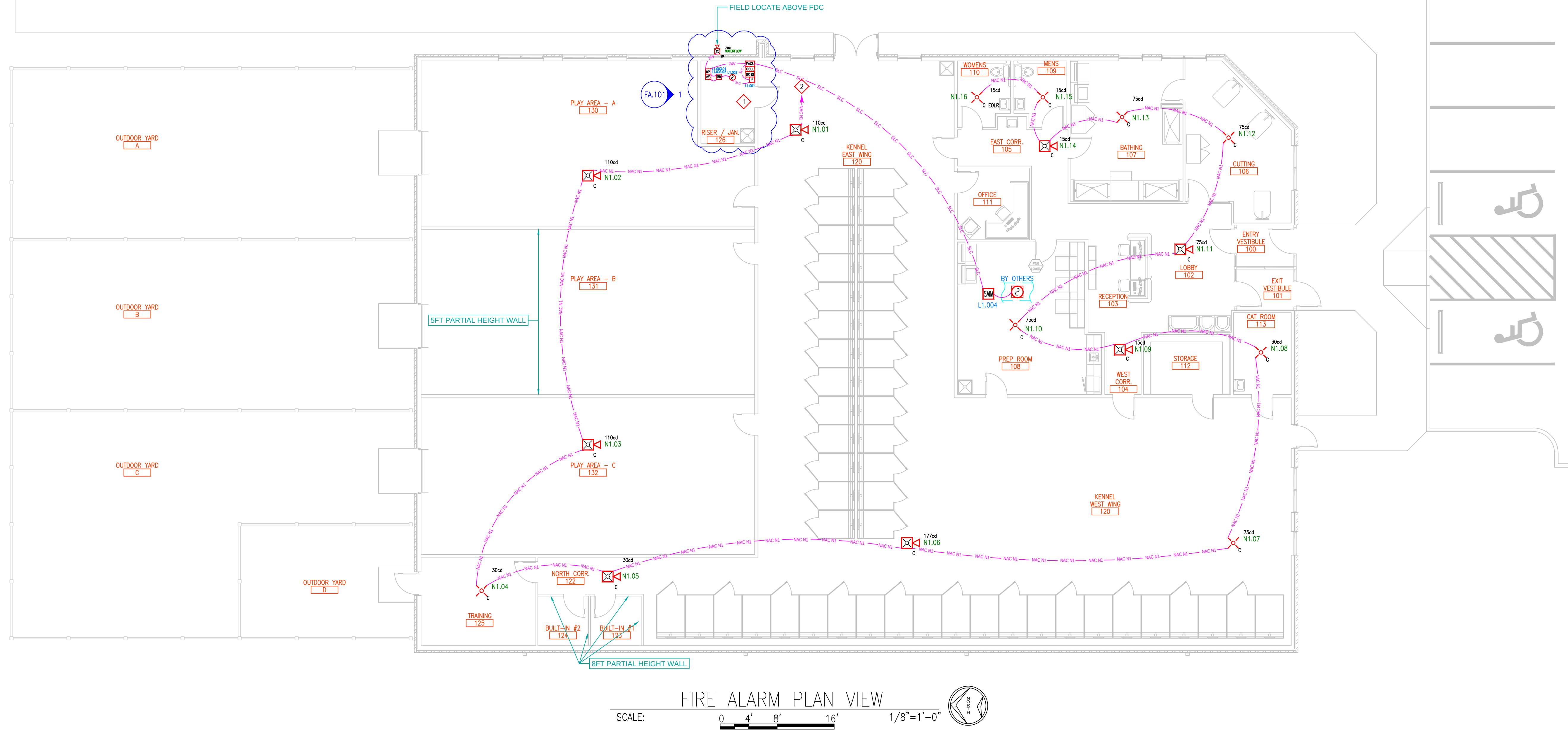
Design Professional of Record
09/08/2025

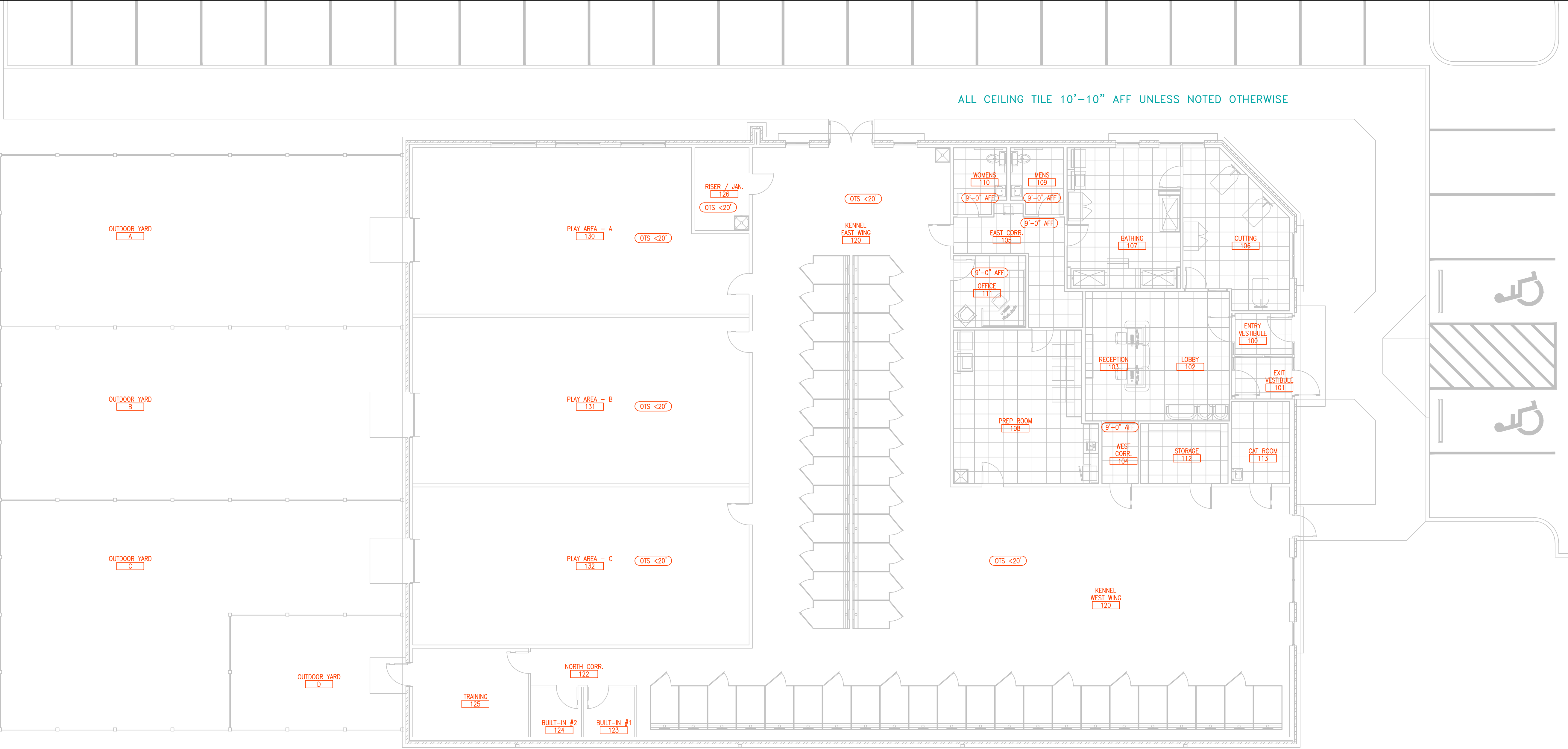


Alliance
FIRE PROTECTION
130 W 9th Ave, Suite 101
North Kansas City, MO 64116
PH: 913-888-0647 FAX: 913-888-0618

WOOF'S PLAY AND STAY
FIRE ALARM
1921 NE TRAILS EDGE BOULEVARD
LEE'S SUMMIT, MO 64086
FLOOR PLAN & DETAILS

Sheet Number
FA.101.R1





RCP – FOR REFERENCE ONLY

SCALE: 0 4' 8' 16' 1/8"=1'-0"

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WOOF'S PLAY AND STAY
FIRE ALARM
1921 NE TRAILS EDGE BOULEVARD
LEE'S SUMMIT, MO 64086
RCP – FOR REFERENCE ONLY

Sheet Number
FA.102.R1

FACU MODEL: Elite-RS										DATE: 5-Sep-2025															
ITEM	DESCRIPTION	STANDBY CURRENT PER UNIT (AMPS)		QTY		TOTAL STANDBY CURRENT PER ITEM	ALARM CURRENT PER UNIT (AMPS)		QTY		TOTAL ALARM CURRENT PER ITEM														
FACU	FACU - 1 SLC Loop	0.2000	X	1	=	0.2000	0.2200	X	1	=	0.2200														
SLC	SECOND SLC OPTION	0.0700	X	0	=	0.0000	0.0700	X	0	=	0.0000														
MPS	MANUAL PULL STATION	0.0006	X	1	=	0.0006	0.0007	X	1	=	0.0007														
SMOKE	PHOTO SMOKE	0.0005	X	1	=	0.0005	0.0005	X	1	=	0.0005														
MCS	MULTI CRITERIA SENSOR	0.0006	X	0	=	0.0000	0.0300	X	0	=	0.0000														
DIM	DUAL INPUT MODULE	0.0006	X	1	=	0.0006	0.0300	X	1	=	0.0300														
FRM	DUAL RELAY MODULE	0.0004	X	0	=	0.0000	0.0004	X	0	=	0.0000														
SRM	SUPERVISED RELAY MOD	0.0002	X	0	=	0.0000	0.0000	X	0	=	0.0000														
DD	DUCT DETECTOR	0.0100	X	0	=	0.0000	0.0550	X	0	=	0.0000														
ANN	REMOTE ANNUNCIATOR	0.0300	X	0	=	0.0000	0.1100	X	0	=	0.0000														
CELL	CELL UNIT-RS	0.0420	X	1	=	0.0420	0.1100	X	1	=	0.1100														
SIM	SINGLE INPUT MODULE	0.0006	X	1	=	0.0006	0.0300	X	1	=	0.0300														
NAC1	CKT N1 OR AUX	0.0000	X	1	=	0.0000	1.0760	X	1	=	1.0760														
NAC2	CKT N2 OR AUX	0.0000	X	0	=	0.0000	0.0000	X	0	=	0.0000														
AUX	EXTERIOR HORN/STROBE	0.0000	X	1	=	0.0000	0.1050	X	1	=	0.1050														
		0.0000	X	0	=	0.0000	0.0000	X	0	=	0.0000	MAX AMP													
TOTAL SYSTEM STANDBY CURRENT (AMPS)						0.2442	TOTAL SYSTEM ALARM CURRENT (AMPS)						1.5722	5.250 PASS											
SITE: WOOFS PLAY & STAY, 1921 NE TRAILS EDGE BLVD., LEE'S SUMMIT, MO 64086														REQUIRED STANDBY TIME (HRS)		TOTAL SYSTEM STANDBY CURRENT (AMPS)	=	REQUIRED STANDBY CAPACITY (AMP-HOURS)	REQUIRED ALARM TIME (HOURS) 5 MIN=0.084 15 MIN=0.25		TOTAL SYSTEM ALARM CURRENT (AMPS)		REQUIRED ALARM CAPACITY (AMP-HOURS)		
														24	X	0.2442	=	5.8596	0.084	X	1.5722	=	0.1321		
Prepared by: Troy Koehn, NICET# 111458, Level III Fire Alarm Systems Alliance Fire Protection, LLC, 130 West 9th Ave, Suite 101, North Kansas City, MO 64116														REQUIRED STANDBY CAPACITY (AMP-HOURS)		REQUIRE D ALARM CAPACITY (AMP- HOURS)		TOTAL CAPACITY (AMP-HOURS)	TOTAL CAPACITY (AMP-HOURS)		SAFETY FACTOR		ADJUSTED BATTERY CAPACITY (AMP-HOURS)		BATTERY AMP- HOURS SUPPLIED.
														5.8596	+	0.1321	=	5.9917	5.9917	X	120%	=	7.19	12	