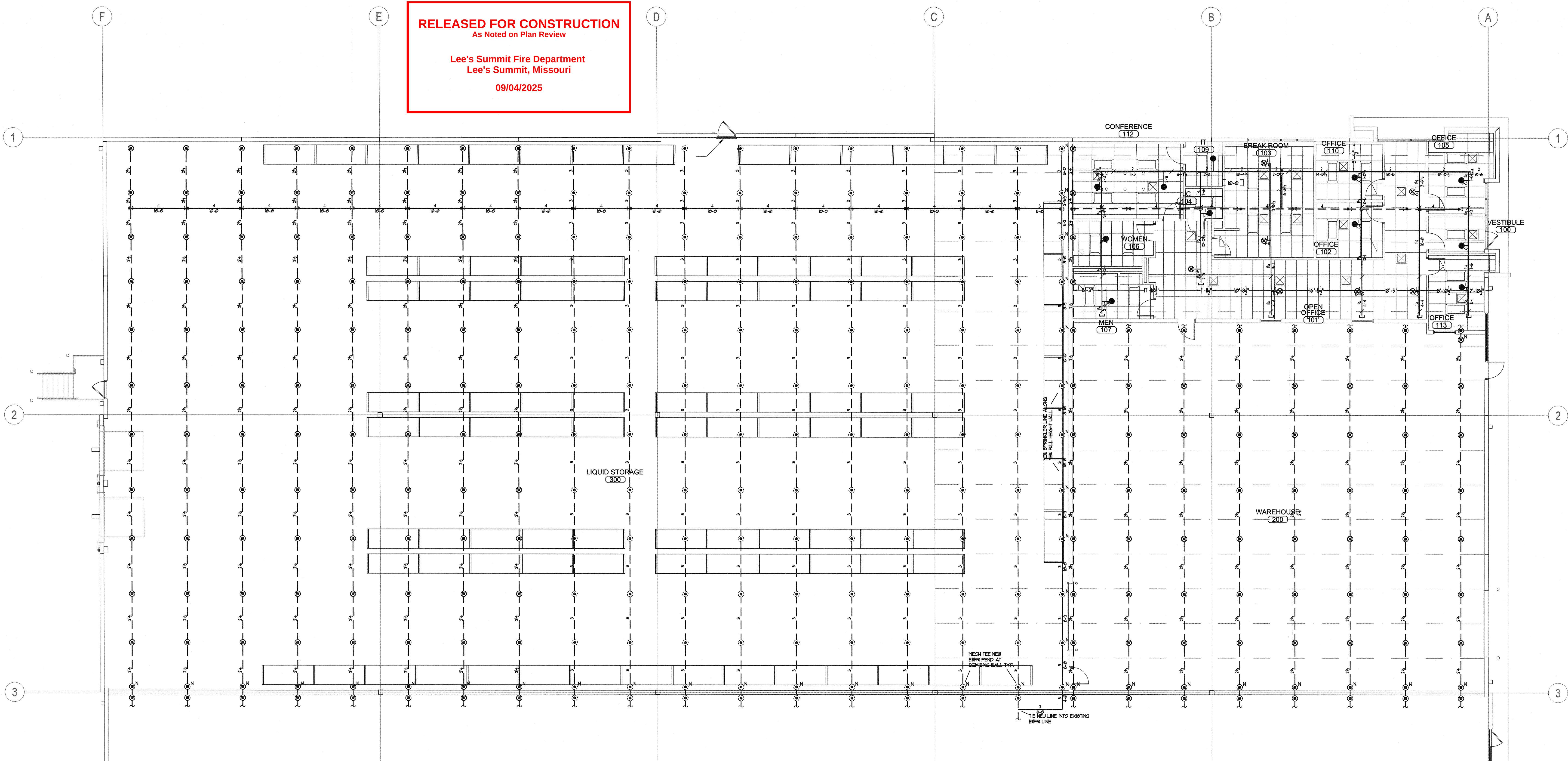


RELEASED FOR CONSTRUCTION
As Noted on Plan Review

Lee's Summit Fire Department
Lee's Summit, Missouri
09/04/2025



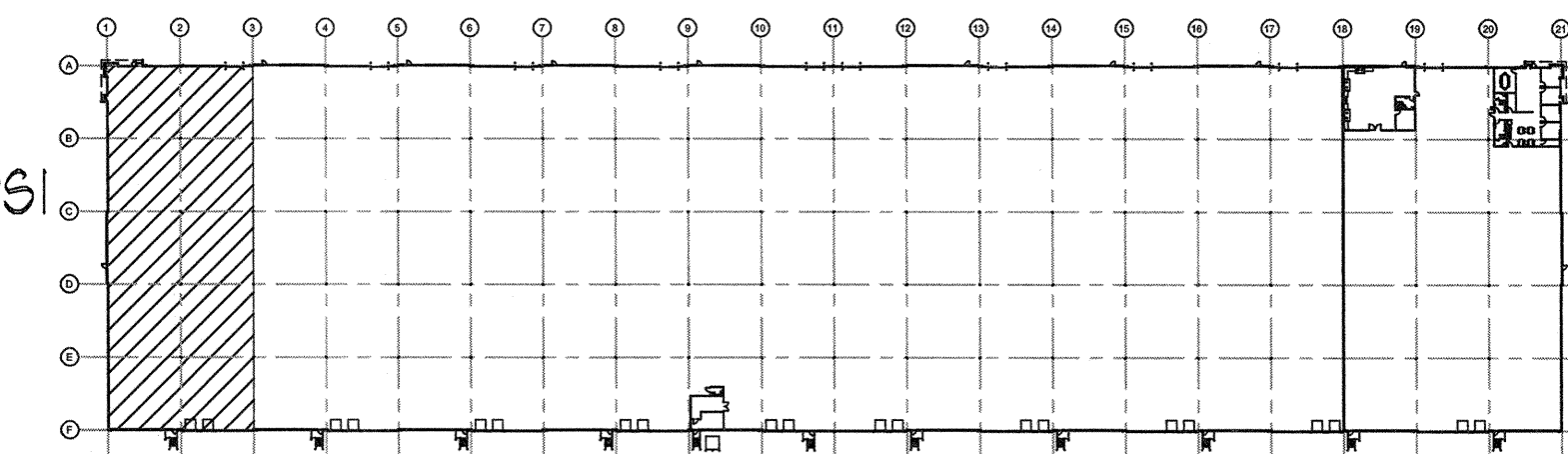
--- EXISTING PIPING
--- NEW PIPING

GENERAL NOTES

- THE SYSTEM DESIGN CRITERIA COMPLIES WITH THE REQUIREMENTS OF NFPA 13 2016 EDITION.
- ALL PIPING SHALL CONFORM WITH THE REQUIREMENTS OF NFPA 13 2016 EDITION.
- ALL FITTINGS SHALL CONFORM WITH THE REQUIREMENTS OF NFPA 13 2016 EDITION.
- ALL HANGERS SHALL CONFORM TO THE REQUIREMENTS OF NFPA 13 2016 EDITION.
- FITTINGS FOR 1" THRU 2" SHALL BE CAST IRON THREADED. FITTINGS FOR 2 1/2" THRU 4" PIPING ARE TO BE GROOVED OR WELDED OUTLETS.
- LENGTHS OF PIPING 1" THRU 2" ARE SHOWN AS THREAD TO THREAD UNLESS NOTED AS: G - GROOVE OR C - CENTER. 2 1/2" THRU 4" PIPE LENGTHS ARE SHOWN AS CENTER TO CENTER UNLESS NOTED AS: G - GROOVE, W - WELD, F - FACE OR FLANGE OR T - THREAD.
- ALL SECTIONS OF TRAPPED PIPING SHALL HAVE AUXILIARY DRAINS WHERE REQUIRED.
- THE OWNER SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE HEAT TO PREVENT THE PIPING FROM FREEZING.
- ALL SWITCHBOARDS, PANEL BOARDS, DISTRIBUTION BOARDS AND MOTOR CONTROL CENTERS SHALL BE PROTECTED FROM DAMAGE BY OTHERS.

EXISTING OVERHEAD ESFR SPRINKLERS DESIGNED FOR 12 HEADS @ 50 PSI
NEW OFFICE PIPING FED FROM EXISTING OVERHEAD BRANCHLINES
OFFICES LIGHT HAZARD NO NEW CALCULATIONS PROVIDED

AREA OF WORK



SITE PLAN
NO SCALE

HANGER SPACING TABLE

HANGER SPACING FOR STEEL PIPE (SCH. 40)

PIPE SIZE	HANGER SPACING
1", 1 1/4"	12'
1 1/2" & LARGER	15'

HANGER SPACING FOR STEEL PIPE (THINWALL)

PIPE SIZE	HANGER SPACING
1" - 3"	12'
4" & LARGER	15'

SCALE 1/8" = 1'-0"

TENANT FINISH PLAN

SONNY'S
2201 NE TOWN CENTRE BOULEVARD
LEE'S SUMMIT, MO 64064

NOTICE OF NONRESPONSIBILITY

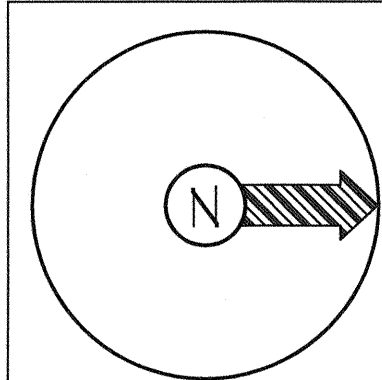
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ADVANTAGE FIRE PROTECTION SYSTEMS, INC.

ADVANTAGE
FIRE PROTECTION SYSTEMS INC.
"We are your Advantage"
404B N.W. 11th Street
Blue Springs, MO. 64015
Tel. (816) 224-3400



REVIEWING AUTHORITY
LEE'S SUMMIT FIRE DEPT.
HEADS THIS SHEET
56
TOTAL HEADS FOR JOB
56
SCALE
1/8" = 1'-0"
DRAWN BY
MATT KNOX
REVISION DATE
8/22/25
DATE DRAWN
J-2504
CONTRACT NUMBER
DRAWING NUMBER
1 OF 1



CONSTRUCTION: EXISTING CONSTRUCTION

PIPE TYPE:
SCREWED 2" AND SMALLER TO BE SCH. 40 PIPE, WELDED 2" AND LARGER TO BE SCH. 10 PIPE.

DESIGN CRITERIA:
PER NFPA 13, LIGHT HAZARD, 0.10 GPM/FT FOR 100 GPM OPERATING
MAX 75' SOFTHEAD SPACING + 100 GPM FOR HOSE ALLOWANCE
NOTE: REDUCE OPERATING AREA FOR QUICK RESPONSE SPRINKLER HEADS PER NFPA 13.
ALL SPRINKLERS TO BE QUICK RESPONSE TYPE, APPROVED FOR SPECIFIC OCCUPANCY.

FLOW TEST DATA:
STATIC PSI
RESIDUAL PSI
W/ GPM

DATE	REVISION

Symbol	Description
○	Hydraulic Reference Points
⊖	Elev. Below Top of Steel
⊕	Elev. Above Finished Floor
+ r/cos 0'-0"	Elev. of Top of Steel
(C-2)	Ceiling Height
—	Denotes Hanger Location
o	Rise up or down
ALL PIPE CUTS ARE CENTER TO CENTER	

Sprinkler Head Summary											
Symbol	Count	NPT	Ordt	Make	Model	Finish	Style	Temp	K	SN	
⊙	1	3/4"	1/2"	Viking	OR	CHROME	OR CHR PEND w/ CHR REC ESC	300°	5.6K	VC3021	
⊙	21	1"	1"	Viking	ECOREC	CHROME	OR EC PENDANT w/ CHR REC ESC	300°	11.2K	VC334	
⊙	11	3/4"	3/4"	Viking	ESFR	BRASS	ESFR PENDANT	165°	22.4K	VC306	
⊙					ESFR	BRASS	ESFR PENDANT	165°	16.8K	VC303	
⊙					ESFR	BRASS	EXISTING ESFR PENDANT	165°	22.4K	VC306	
⊙					ESFR	BRASS	EXISTING ESFR PENDANT	165°	16.8K	VC303	