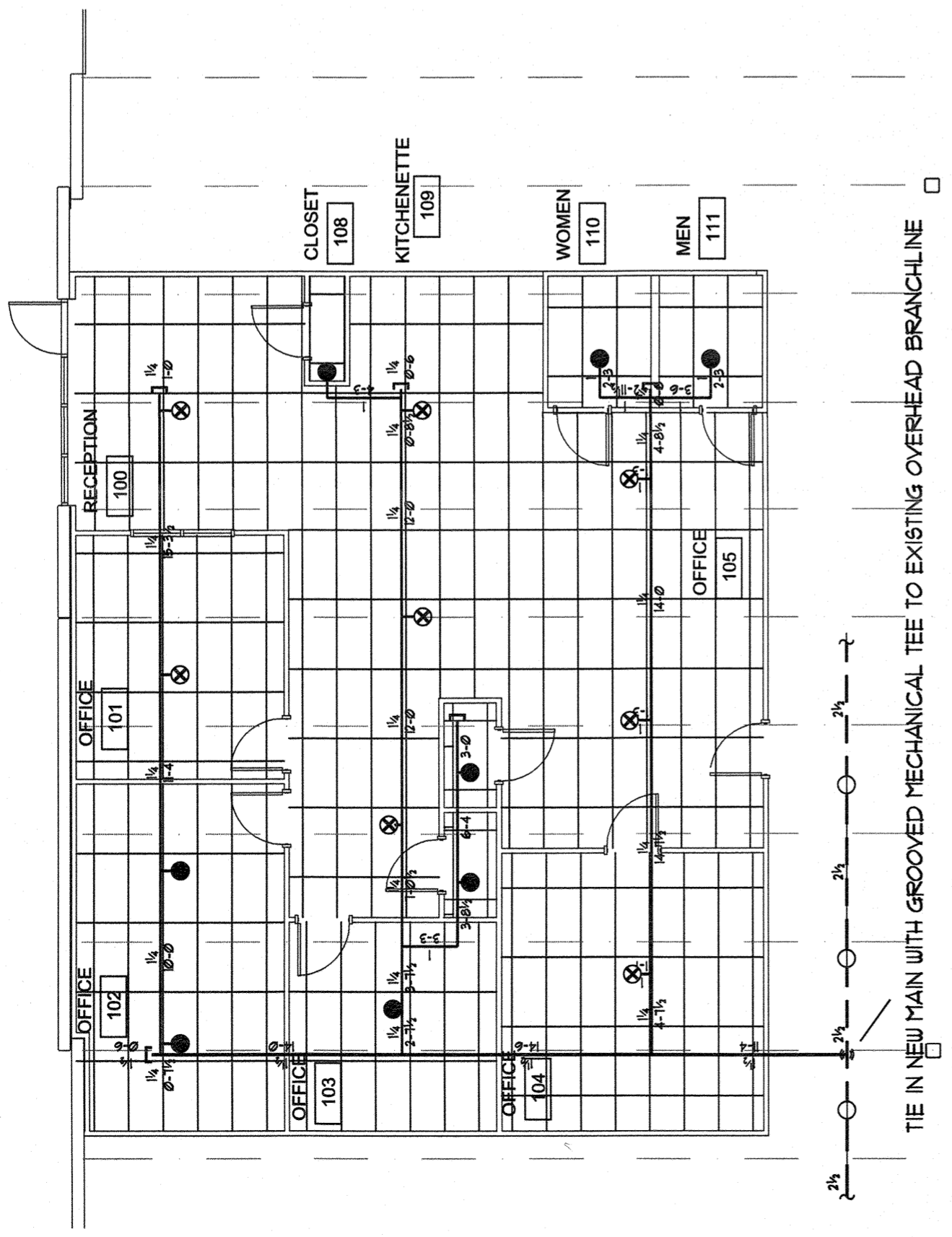


RELEASED FOR CONSTRUCTION
As Noted on Plan Review
Lee's Summit Fire Department
Lee's Summit, Missouri
06/24/2024



TIE IN NEW MAIN WITH GROOVED MECHANICAL TEE TO EXISTING OVERHEAD BRANCHLINE

GENERAL NOTES

1. THE SYSTEM DESIGN CRITERIA COMPLIES WITH THE REQUIREMENTS OF NFPA 13 2016 EDITION.
2. ALL PIPING SHALL CONFORM WITH THE REQUIREMENTS OF NFPA 13 2016 EDITION.
3. ALL FITTINGS SHALL CONFORM WITH THE REQUIREMENTS OF NFPA 13 2016 EDITION.
4. ALL HANGERS SHALL CONFORM TO THE REQUIREMENTS OF NFPA 13 2016 EDITION.
5. 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.
6. 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.
7. ALL SECTIONS OF TRAPPED PIPING SHALL HAVE AUXILIARY DRAINS WHERE REQUIRED.
8. THE OWNER SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE HEAT TO PREVENT THE PIPING FROM FREEZING.
9. ALL SWITCHBOARDS, PANEL BOARDS, DISTRIBUTION BOARDS AND MOTOR CONTROL CENTERS SHALL BE PROTECTED FROM DAMAGE BY OTHERS.

CONSTRUCTION: EXISTING CONSTRUCTION

PIPE TYPE:
SCHEDULE 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/SGFT FOR 1500 SQFT. OPERATING MAX 225 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.

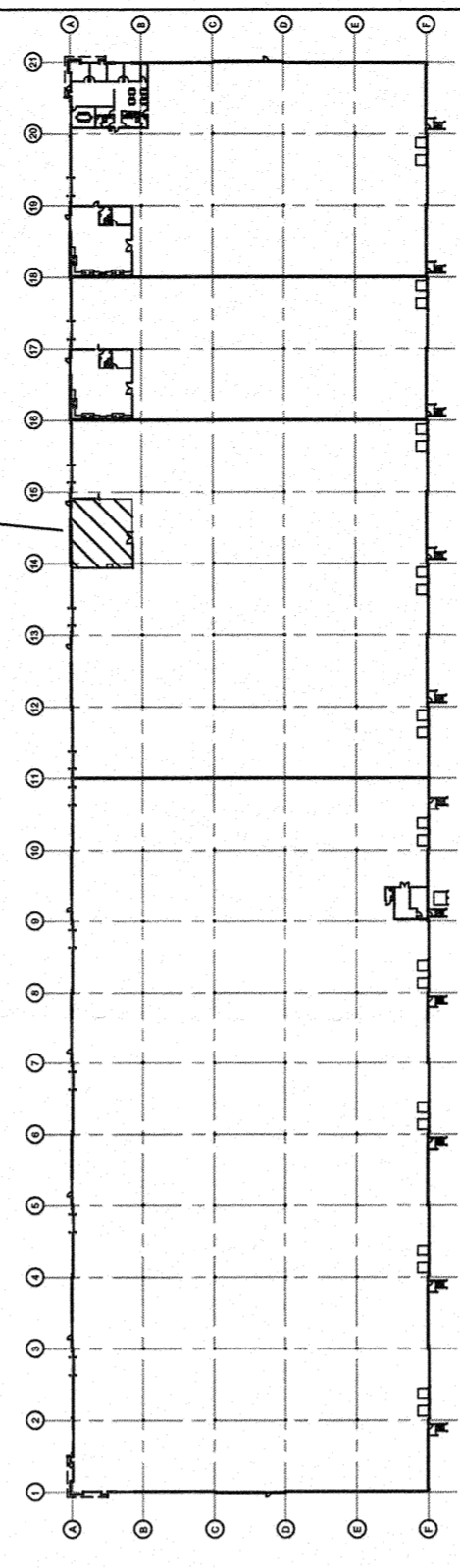
Symbol	Description
○	Hydraulic Reference Points
⊖	Elev. Below Top of Steel
⊕	Elev. Above Finished Floor
⊕	Elev. of Top of Steel
⊕	Ceiling Height
⊕	Denotes Hanger Location
○	Rise up or down
○	ALL PIPE CUTS ARE CENTER TO CENTER

Symbol	Count	NPT	Orif.	Make	Style	Temp.	K=	SIN
○	8	3/4"	3/4"	VIKING	EXISTING ESFR PENDANT TO REMAIN	200°	12K	VC534
⊕	8	1/2"	1/2"	VIKING	OR EC PENDANT w/ CHR REC ESC	200°	5.6K	VC3021

NOTICE OF NONRESPONSIBILITY
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ADVANTAGE FIRE PROTECTION SYSTEMS, INC.

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

AREA OF WORK



SITE PLAN
NO SCALE

TENANT FINISH PLAN

JOHNSON STORAGE T.I.
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LEE'S SUMMIT, MISSOURI 64064

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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	16
TOTAL HEADS FOR JOB	16
SCALE	1/8" = 1'-0"
DRAWN BY	MATT KNOX
REVISION DATE	
DATE DRAWN	6/7/24
CONTRACT NUMBER	J-2406
DRAWING NUMBER	DF