

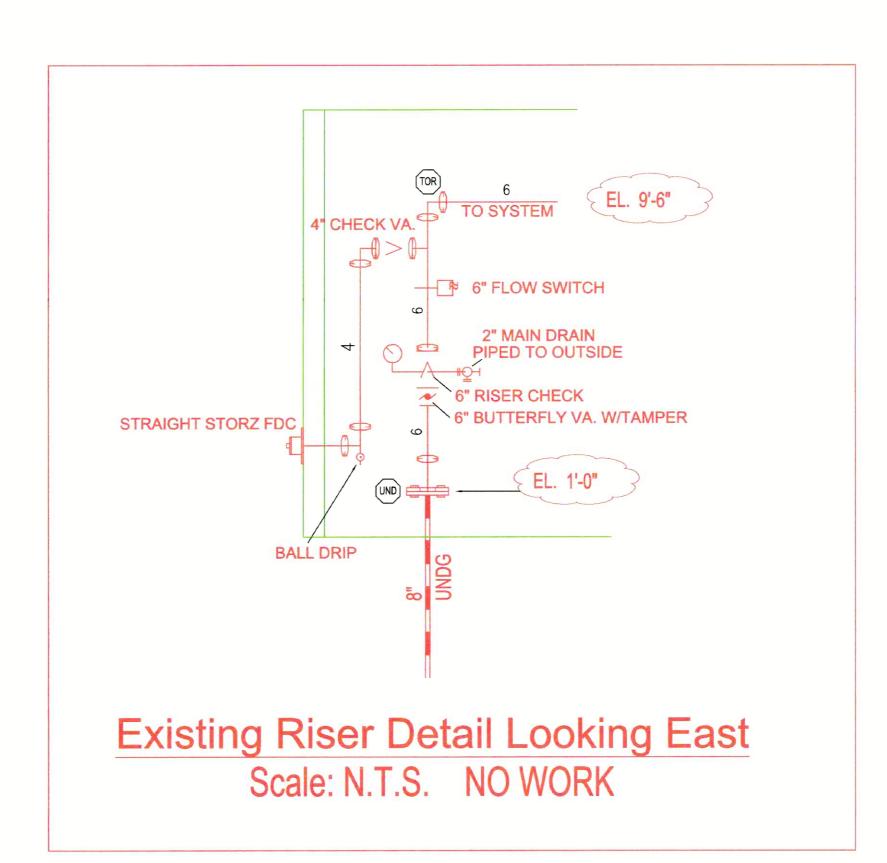
RELEASED FOR CONSTRUCTION

As Noted on Plan Review

Lee's Summit Fire Department Lee's Summit, Missouri

11/03/2025

TENANT FINISH FIRE PROTECTION PIPING PLAN



GENERAL NOTES

- 1. ALL MATERIALS USED AND ALL WORK PERFORMED ARE TO BE IN ACCORDANCE WITH NFPA 13-2016, IBC & IFC 2018. ALL GROOVED STEEL PIPING IS EXISTING, SCH.10 GROOVED PIPE WITH GROOVED FITTINGS. TO REMAIN (NO WORK) -----: NEW PIPING
- 3. ALL PIPING EXPOSED TO ELEMENTS TO BE GALVANIZED WITH GALVANIZED FITTINGS 3. ALL THREADED PIPING SHALL BE SCH 40 BLK. WITH
- DUCTILE IRON THREADED FITTINGS. 4. SYSTEM TO BE MONITORED BY REMOTE STATION TO BE BY OTHERS INCLUDING ALL TAMPER & FLOW SWITCHES. AND IS EXISTING TO
- 5. OWNER TO PROVIDÉ ADEQUATE HEAT THROUGHOUT ALL AREAS WITH WET SYSTEM TO PREVENT FREEZING.

REMAIN. (NO WORK)

DESIGN CRITERIA

1. NEW ANTIFREEZE SYSTEM OFF EXISTING WET SPRINKLER SYSTEM.
2. HYDRUALIC CALCULATIONS WERE PERFORMED IN ACCORDANCE

WITH NFPA 13 2016 3. LIGHT HAZARD MAX SPACING 225 SQ FT 4. ORDINARY HAZARD MAX SPACING 130 SQ FT

GENERAL LEGEND

: CEILING HEIGHT - : EXISTING PIPING

5.6K, 155/175/200° WITH 2PC CHROME ESCUTCHEON

5.6K, 155/175/200° WITH 2PC CHROME ESCUTCHEON

BUILDING NOTES

R=RELOCATE WITH NEW SPRINKLER HEAD

N=NEW SPRINKLER TO NEW LOCATION

TO REMAIN. NO WORK.

= CUT IN MECH TEE

BUILDING CONSTRUCTION: TYPE 1A OCCUPANCY GROUP: A-II TOTAL AREA OF WORK: 5,171 SQFT ADD NEW ANTIFREEZE SYSTEM AND PENDENT SPRINKLERS AS SHOWN. EXISTING PIPING, SPRINKLERS, RISER, FDC, ECT.

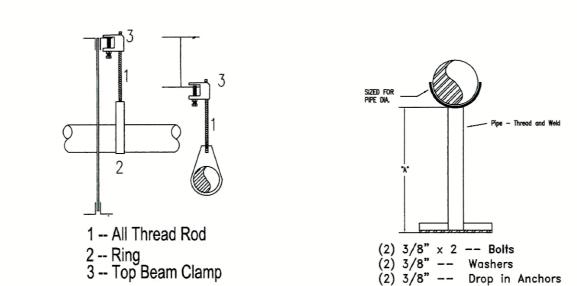
SPRINKLER LEGEND

EXISTING PENDENT TO REMAIN, NO WORK

2 VK3021, 1/2" MICROFAST QUICK RESPONSE CHROME PENDENT 6 VK3021, 1/2" MICROFAST QUICK RESPONSE CHROME PENDENT

8 VK3021, 1/2" MICROFAST QUICK RESPONSE CHROME PENDENT 5.6K, 286° WITH 401 STYLE ESCUTCHEON AND HEAD GUARD

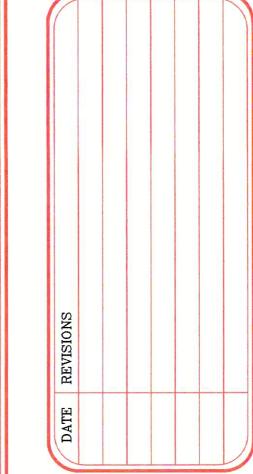
HANGER DETAIL



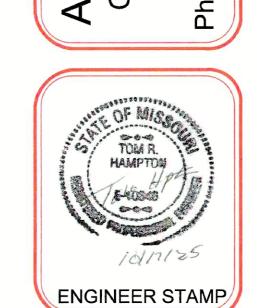
STEEL HANGER SPACING 3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3" 4" 6" 8" HANGER SPACING N/A 12'-0" 12'-0" 15'-0" 15'-0" 15'-0" 15'-0" 15'-0" 15'-0" 15'-0" 15'-0"











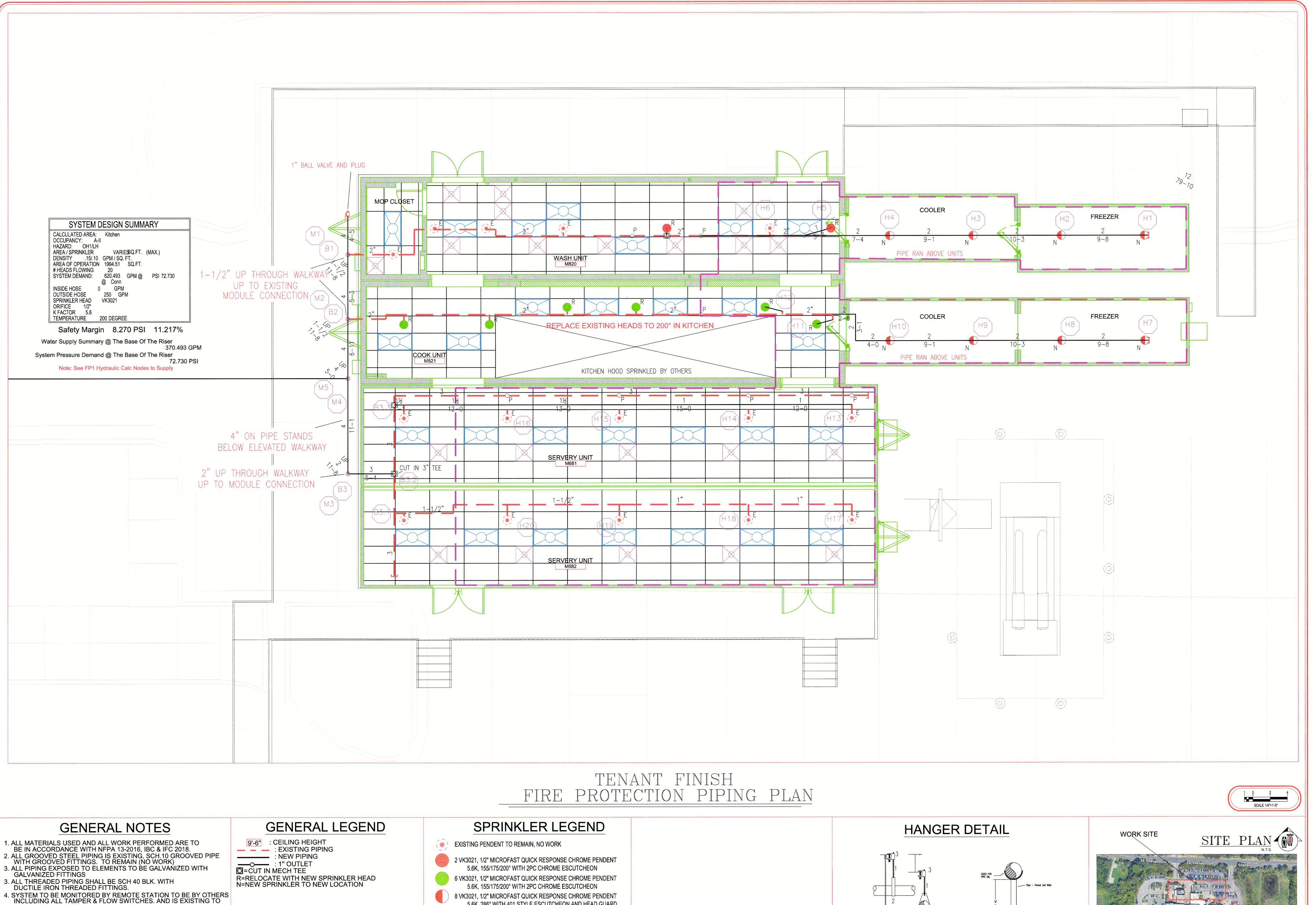
JOB NAME: MODULAR INTERIM KITCHEN COMPLEX HCA - LEE'S SUMMIT MEDICAL CENTER 2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

SYSTEM TYPE: WET TOTAL HEADS: 16 AHJ: CITY & OWNER VARIES SCALE: DESIGNED BY: JJP

CHECKED BY: MS 10/16/25 DATE:

OF \angle

SHEET NO.



1 -- All Thread Rod

STEEL HANGER SPACING

PIPE SIZE

2 -- Ring 3 -- Top Beam Clamp

(2) 3/8" x 2 -- Bolts

(2) 3/8" -- Washers (2) 3/8" -- Drop in Anchors

3/4" 1" 1-1/4" 1-1/2" 2" 2-1/2" 3" 4" 6" 8"

HANGER SPACING N/A 12'-0" 12'-0" 15'-0" 15'-0" 15'-0" 15'-0" 15'-0" 15'-0" 15'-0" 15'-0"

5.6K, 286° WITH 401 STYLE ESCUTCHEON AND HEAD GUARD

REMAIN. (NO WORK)

5. OWNER TO PROVIDE ADEQUATE HEAT THROUGHOUT ALL AREAS WITH WET SYSTEM TO PREVENT FREEZING.

DESIGN CRITERIA

NEW ANTIFREEZE SYSTEM OFF EXISTING WET SPRINKLER SYSTEM.
 HYDRUALIC CALCULATIONS WERE PERFORMED IN ACCORDANCE WITH NFPA 13 2016
 LIGHT HAZARD MAX SPACING 225 SQ FT
 ORDINARY HAZARD MAX SPACING 130 SQ FT

BUILDING NOTES

ADD NEW ANTIFREEZE SYSTEM AND PENDENT

EXISTING PIPING, SPRINKLERS, RISER, FDC, ECT.

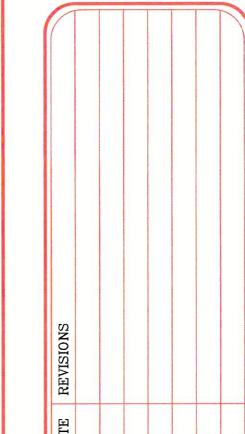
BUILDING CONSTRUCTION: TYPE 1A

TOTAL AREA OF WORK: 5,171 SQFT

OCCUPANCY GROUP: A-II

TO REMAIN. NO WORK.

SPRINKLERS AS SHOWN.







HCA - LEE'S SUMMIT MEDICAL CENTER

MODULAR INTERIM KITCHEN COMPLEX 2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063 SYSTEM TYPE: WET

TOTAL HEADS: 16 AHJ: CITY & OWNER SCALE: 1/4"=1'-0" DESIGNED BY: JJP CHECKED BY: MS

10/16/25 DATE:

SHEET NO. 2 of 2

III II THE PRINCE OF THE PARTY OF THE PARTY

The state of the s