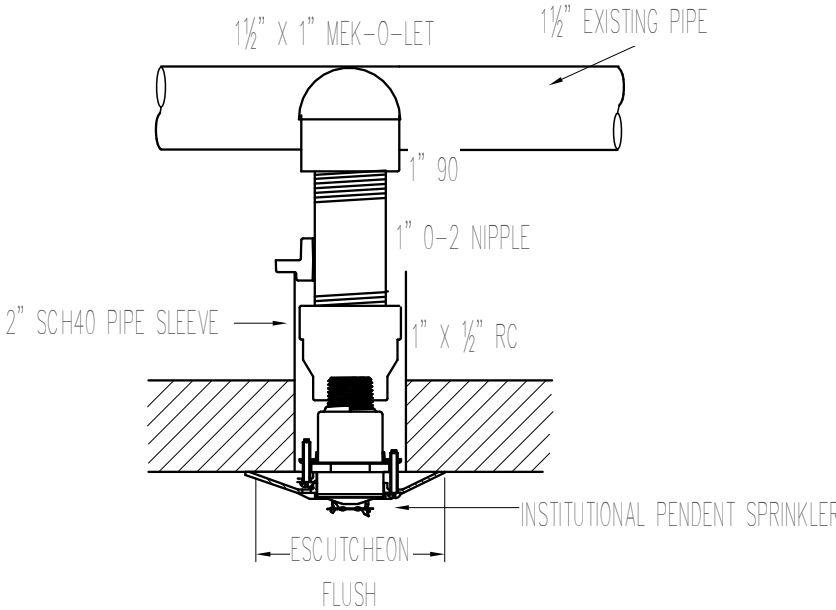
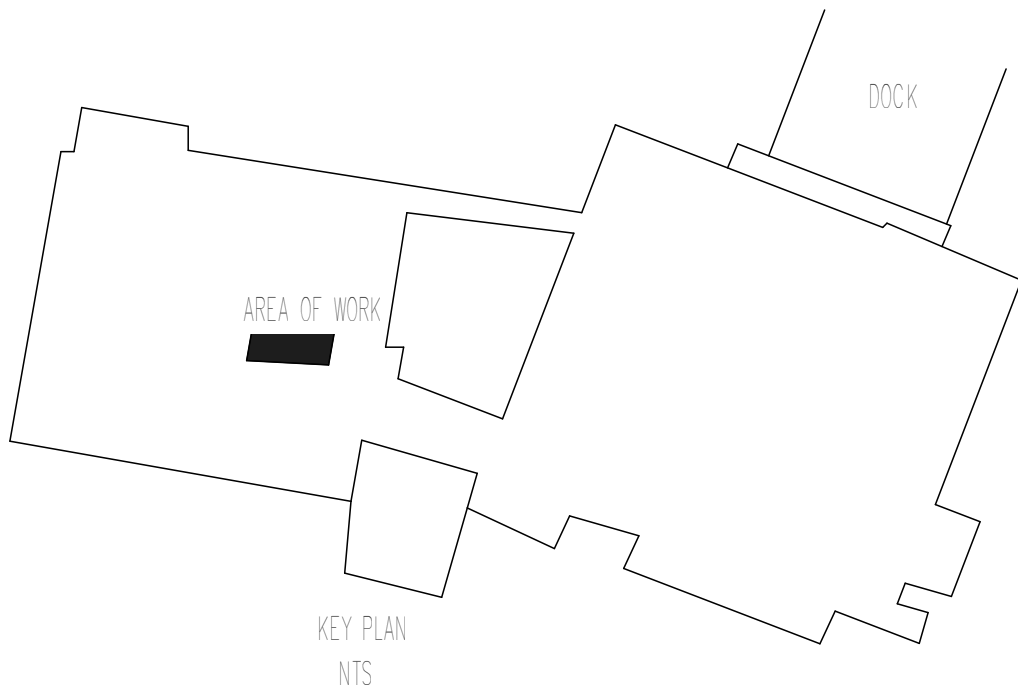


GENERAL NOTES

- ALL WORK SHALL BE IN FULL COMPLIANCE WITH NFPA 13 (2013) AND THE NC STATE FIRE CODE.
- SCOPE OF WORK: CFP (CAROLINA FIRE PROTECTION) IS TO INSTALL(10) NEW INSTITUTIONAL PENDENTS INTO OFFICES (6), BATHROOM (1), & HALLWAY (3) FOR PROPER COVERAGE. 1" SCH40 PIPE TO BE USED.
- HEADS TO BE CENTERED IN TILE.
- ALL MATERIALS TO BE U.L. LISTED AS REQUIRED BY NFPA 13.
- ALL BREAKOVERS TO BE 1" SCH40.

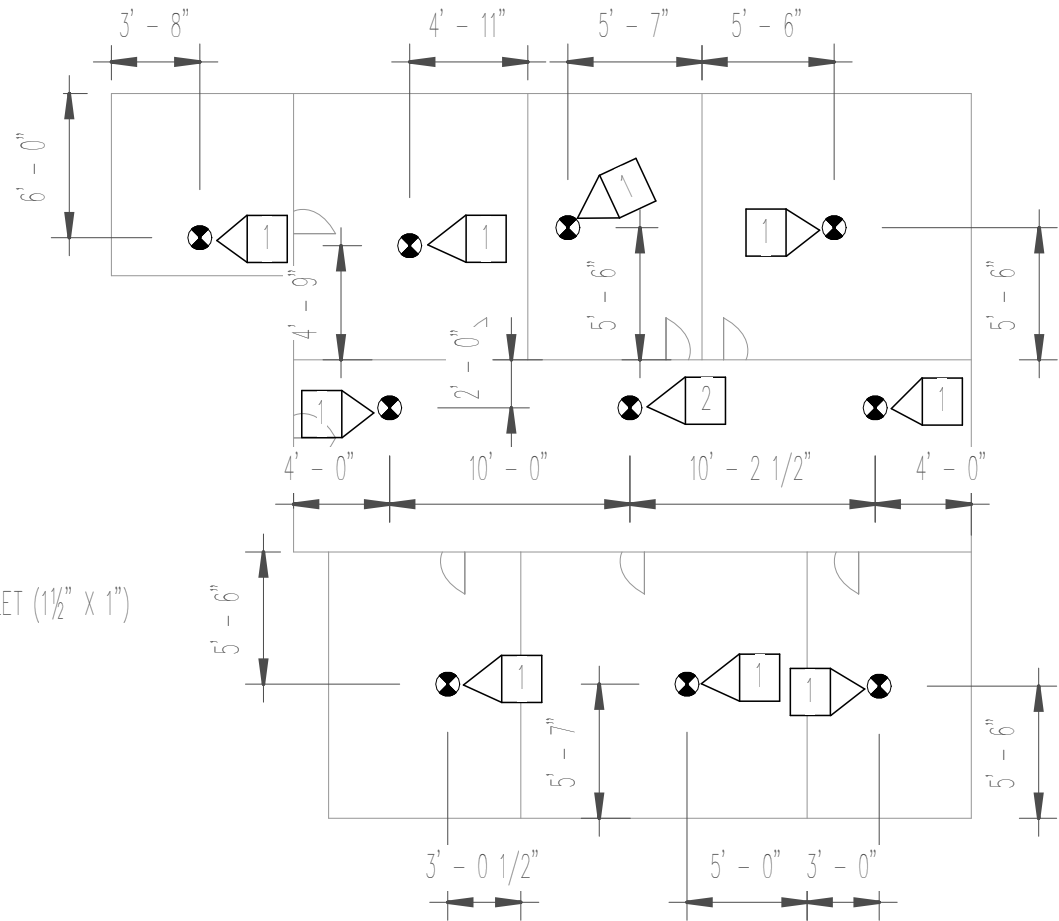


INSTITUTIONAL PENDENT SPRINKLER-DETAIL
NTS



KEYED NOTES

- 1 REPLACE EXISTING PENDENT SPRINKLER HEAD WITH A NEW INSTITUTIONAL PENDENT SPRINKLER HEAD; USE EXISTING DROP
- 2 ADD NEW INSTITUTIONAL PENDENT SPRINKLER HEAD OFF OF 1/2" BRANCH LINE WITH MEK-O-LET (1/2" X 1")



DIMENSION PLAN

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

NO.	DATE	BY	REVISIONS - SEE FLAGGED AREA ON PLAN


IMPORTANT

In locations that are subject to freezing conditions, it is the owner's responsibility to provide heat throughout areas protected by wet pipe sprinkler systems and in enclosures for dry pipe, deluge or other types of valves controlling water supplies to sprinkler systems.


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CONTRACT RESPONSIBILITIES	
ITEM	C.F.P./OTHERS
STREET WATER CONNECTION	N/A
UNDERGROUND WATER MAINS	N/A
EXCAVATIONS	N/A
BACKFILL	N/A
WIRING	N/A
PAINTING	N/A


SYMBOLS




CEILING MT. ABOVE REF. CIL OF PIPE BELOW BOD




HYDRAULIC REF. POINT




MAIN DESIGNATION




HANGER




UNION




GROOVED COUPLING (GC)




SCREWED CAP




GROOVED CAP




SCREWED PLUG




FLANGE CONNECTION




GATE VALVE (SEE NOTES)




FIRE HOSE ASSEMBLY




FLOW SWITCH (FS)




MONITOR SWITCH




BUTTERFLY VALVE




ALARM VALVE (ALV)




DRY PIPE VALVE




WAFER CHECK VALVE




SWING CHECK VALVE




SYSTEM RISER




INSPECTOR'S TEST




GLOBE VALVE




ANGLE VALVE




ELECTRIC BELL




WATER MOTOR GONG (WMG)




FIRE DEPT. CONN. (STANDARD)




FIRE DEPT. CONN. (FLUSH)




FIRE DEPT. CONN. (SIDEWALK)




POST INDICATOR VALVE (PIV)




KEY GATE SECTIONAL VALVE WITH ROADWAY BOX




FIRE HYDRANT (2 WAY)



THRUST BLOCK



2 & 4 WAY SEISMIC BRACING



ELEVATION CHANGE IN PIPE (NOT THROUGH FLOOR)

ABBREVIATIONS	
BOB	BOTTOM OF BEAM
BOD	BOTTOM OF DECK
BOP	BOTTOM OF PIPE
DO	DITTO
N & C	NIPPLE AND CAP
NIC	NOTE IN CONTRACT
NTS	NOT TO SCALE
OSJ	OPEN BAR JOIST
PRV	PRESSURE RED. VALVE
RM	ROOT MANIFOLD
SP	STANDPIPE
TGB	TOP OF BEAM
TOP	TOP OF PIPE
TOS	TOP OF STEEL
UNO	UNLESS NOTED OTHERWISE

SYSTEM TYPE

☐ WET -

☐ DELUGE -

☐ DRY -

☐ PREACTION -

APPROVALS

☐ ISO

OUT

IN

☐ IRI

OUT

IN

☐ FM

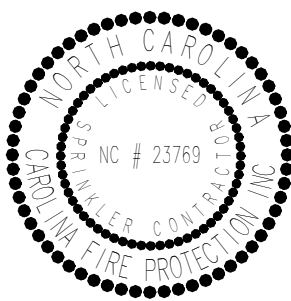
OUT


IN

☐

OUT

IN



SPRINKLER SYMBOL DESCRIPTION									
SYMBOL	SIZE	MODEL	MAKE	SIN	FINISH	STYLE	TEMP	K-FACTOR	TOTAL
	1/2	QR	VIKING	VK426	CHROME	INSTITUTIONAL PENDENT	165°	5.6K	10
TOTAL SPRINKLERS SHOWN ON THIS SHEET									10
TOTAL SPRINKLERS REQUIRED ON THIS CONTRACT									10



**CAROLINA
FIRE
PROTECTION**

4055 HODGES CHAPEL ROAD
DUNN, N.C. 28334
PHONE (910) 892-1700
FAX (910) 892-7322

CONTRACT NAME: CENTRAL HARNETT HOSPITAL
215 BRIGHTWATER DR.
LILLINGTON, NC

CONTRACT WITH: STE GENERAL CONTRACTORS

DESCRIPTION: INFO

SYSTEM DESIGN DATA

HAZARD CLASSIFICATION SYSTEM AREA: SQ. FT.

HYDRAULIC DESIGN DATA DENSITY: GPM/SQ. FT. COVERAGE: SQ. FT./HEAD

AREA OF APPLICATION: SQ. FT. HOSE ALLOWANCES: GPM

TOTAL SYSTEM REQUIREMENTS: GPM AT PSI AT

WATER SUPPLY STATIC PRESSURE PSI RESIDUAL PRESSURE PSI W/ GPM FLOWING

TEST TAKEN AT: BY: DATE:

CHECKED BY: M.FORD

DATE: 08/11/2025

SCALE: AS SHOWN

CONTRACT NO. 25H032

DRAWN BY: A.LEE

DRAWING NO. FP 1 OF 1