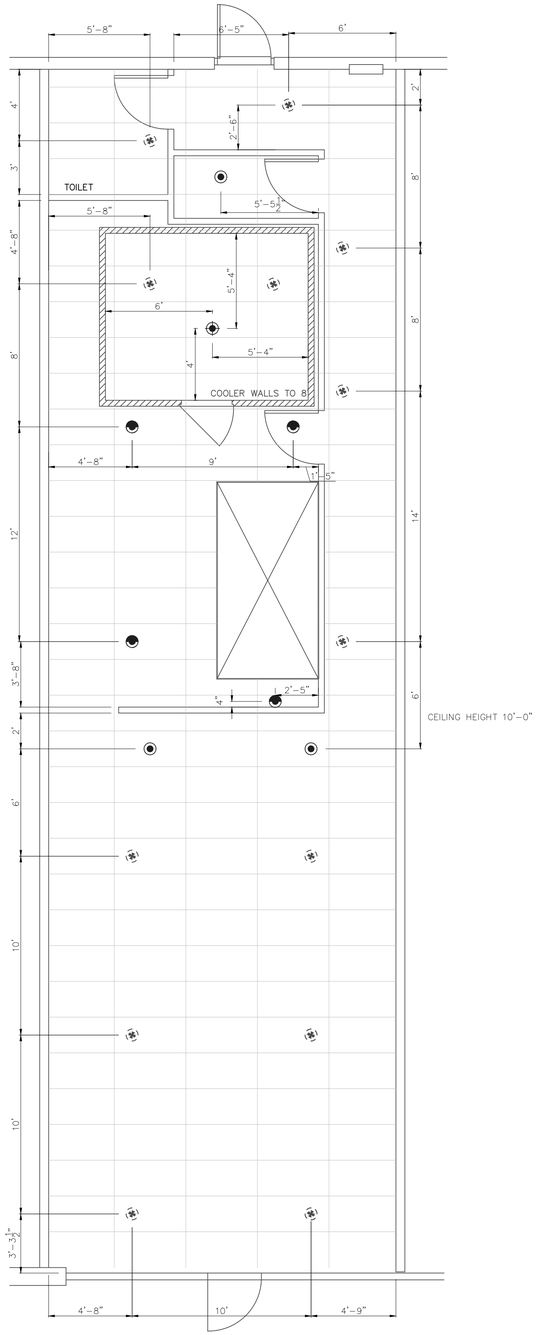
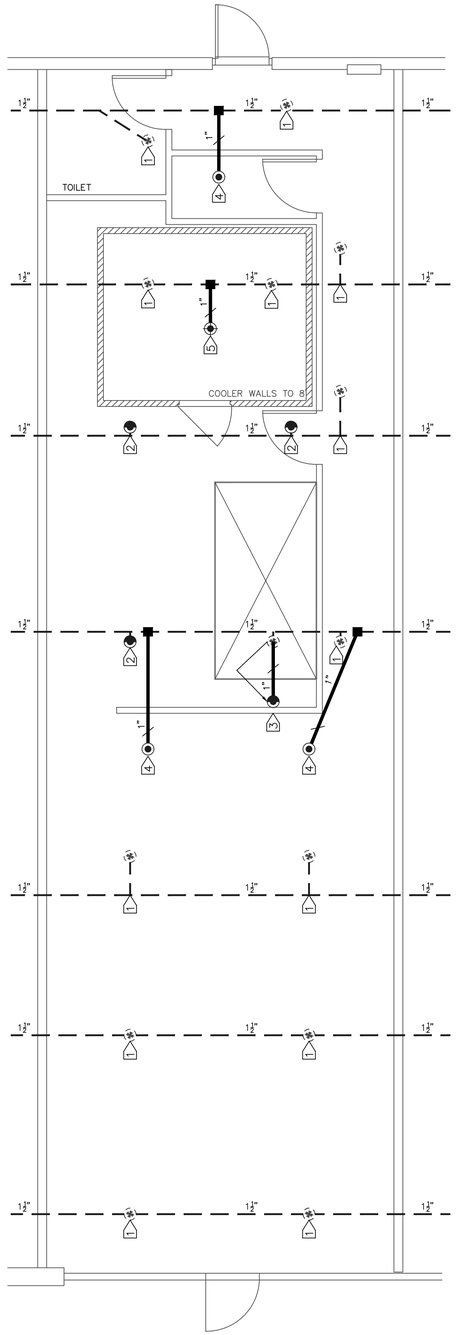


CEILING PLAN

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



PIPING PLAN

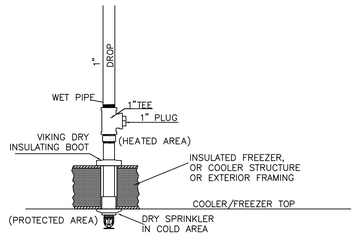
SCALE: 1/4"=1'-0"

KEYED NOTES

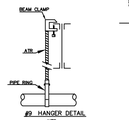
1. EXISTING SPRINKLER TO REMAIN
2. EXISTING SPRINKLER TO REMAIN CHANGE OUT HEAD TO A 200° DEGREE SPRINKLER IN THE KITCHEN AROUND THE HOOD
3. RELOCATE EXISTING SPRINKLER CHANGE OUT HEAD TO A 200° DEGREE SPRINKLER IN THE KITCHEN AROUND THE HOOD
4. INSTALL 1 1/2"x1" MEK-O-LET, 1"x0-2 W/ELL, 1" BREAK OVER, 1" DROP AND NEW SPRINKLER HEAD
5. INSTALL 1 1/2"x1" MEK-O-LET, 1"x0-2 W/ELL, 1" BREAK OVER, 1" DRY PENDENT SPRINKLER IN COOLER

LEGEND

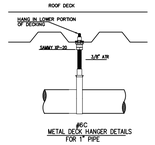
- EXISTING LINE PIPE
- EXISTING PENDENT SPRINKLER
- NEW PIPE
- MEK-O-LET
- EXISTING PENDENT SPRINKLER
- NEW PENDENT SPRINKLER
- NEW DRY PENDENT SPRINKLER



DRY SPRINKLER IN COOLER/FREEZER
NTS



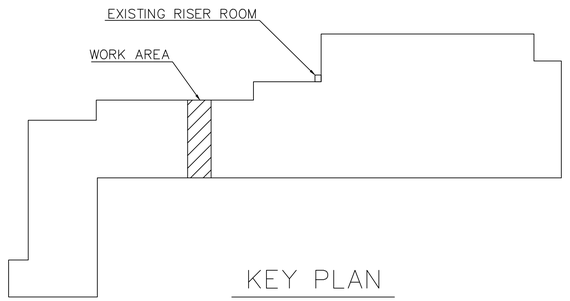
#9 HANGER DETAIL
NTS



#9FC
METAL DECK HANGER DETAILS FOR 1" PIPE

NOTES

- SEE KEYED NOTES FOR WORK TO BE DONE.
- ALL WORK TO BE DONE IN ACCORDANCE WITH NFPA 13.
- ALL BREAK OVERS IF NEEDED TO BE 1" SCHEDULE 40.
- UNSUPPORTED BREAK OVERS NOT TO EXCEED 24"
- ORIGINAL SYSTEM DESIGNED TO PROVIDE A DENSITY OF .20/1500 FOR MERCANTILE ORDINARY GROUP 2. NEW WORK IS CONSIDERED ORDINARY GROUP 1 (RESTAURANT) WHICH REQUIRES A DENSITY OF 0.15/1500. TENANT FIT UP IS NOT IN THE SYSTEM REMOTE AREA AND DOES NOT EXCEED ORIGINAL SYSTEM DESIGN.
- SPRINKLER HEADS DO NOT HAVE TO BE CENTERED IN TILE



KEY 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	OTHERS
UNDERGROUND WATER MAINS	OTHERS
EXCAVATIONS	OTHERS
BACKFILL	OTHERS
WIRING	OTHERS
PAINTING	OTHERS

SYMBOLS

- CEILING HT. ABOVE REF.
- C/L OF PIPE BELOW BOD
- C/L OF PIPE ABOVE REF.
- HYDRAULIC REF. POINT
- LINE DESIGNATION
- MAIN DESIGNATION
- HANGER
- UNION
- GROOVED COUPLING (GC)
- SCREWED CAP
- GROOVED CAP
- SCREWED PLUG
- FLANGED CONNECTION
- GATE VALVE(SEE NOTES)
- FIRE HOSE ASSEMBLY
- FLOW SWITCH (FS)
- MONITOR SWITCH
- BUTTERFLY VALVE
- ALARM VALVE (ALV)
- DRY PIPE VALVE
- WATER 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 (3 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
HV	Hose Valve
N & C	Nipple and Cap
NIC	Not in Contract
NTS	Not to Scale
OBJ	Open Bar Joist
PRV	Pressure Red. Valve
RM	Roof Manifold
SP	Standpipe
TOB	Top of Beam
TOP	Top of Pipe
TOS	Top of Steel
UNO	Unless Noted Otherwise

SYSTEM TYPE

WET- [X] DELUGE- [ ]
DRY- [ ] PREACTION- [ ]

APPROVALS

	OUT	IN
[ ] ISO		
[ ] IRI		
[ ] FM		
[ ]		

SPRINKLER SYMBOL DESCRIPTION

SYMBOL	SIZE	MODEL	MAKE	SIN	FINISH	STYLE	TEMP	K-FACTOR	TOTAL
	1/2"	QR	VICTAULIC	V2708	CHROME	RECESSED PENDENT	155°	5.6	3
	1/2"	QR	VICTAULIC	V2708	CHROME	RECESSED PENDENT	200°	5.6	4
	1/2"	QR	VICTAULIC	V3606	CHROME	DRY PENDENT 2-PC DEEP ESCUTCHEON	200°	5.6	1
TOTAL SPRINKLERS SHOWN ON THIS SHEET									8
TOTAL SPRINKLERS REQUIRED ON THIS CONTRACT									8

CAROLINA FIRE PROTECTION
4055 HODGES CHAPEL ROAD
Dunn,N.C. 28334
Phone (910) 892-1700
Fax (910) 892-7322

NO.	DATE	REVISIONS - SEE FLAGGED AREA ON PLAN

CONTRACT NAME: BURNEY'S SWEETS
2668 NC 24 BRINKLEY COMMONS SUITE 2668
CAMERON, NC

CONTRACT WITH:

DESCRIPTION: TENANT FIT UP

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 INFORMATION: STATIC PRESSURE:	PSI. RESIDUAL PRESSURE:	PSI. @	GPM FLOWING

SEE SHEET FP-1 FOR DESIGN CRITERIA

CHECKED BY: J.DUNN
DATE: 3-1-23
SCALE: AS SHOWN
CONTRACT NO: 23B778
DRAWN BY: M.FORD
DRAWING NO. FP 1 of 1