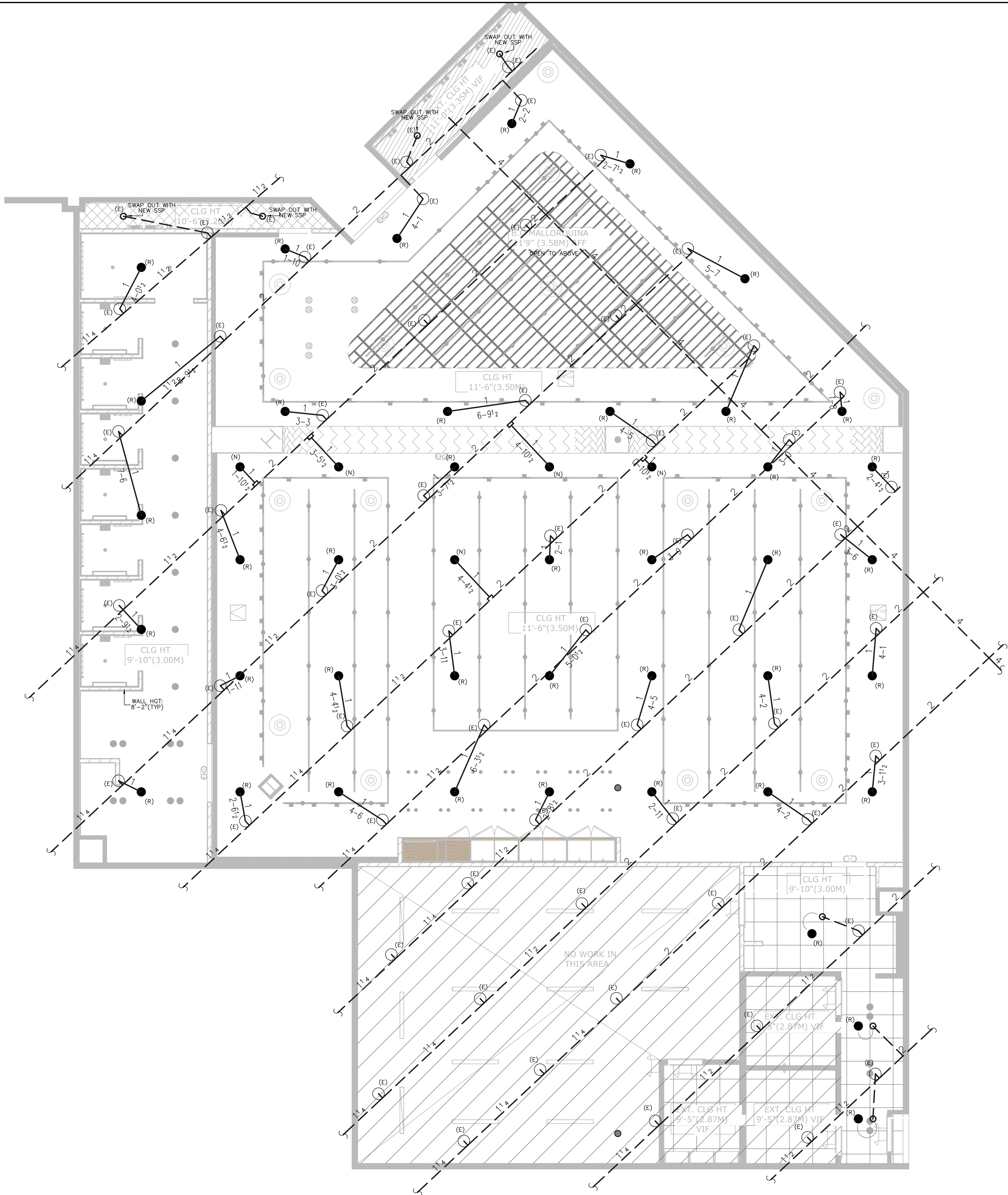




OVERHEAD PIPING PLAN
SCALE: 1/4" = 1'-0"

* SYMBOLS *	
	AUTOMATIC SPRINKLER RISER
	EARTHQUAKE BRACING
	BRANCHLINE RESTRAINTS
	SPRINKLER WITH HEAD GUARD
	PIPE HANGER
	HYDRAULIC REF PT
	GROOVE CAP THREADED PLUG ELEVATION BELOW DECK
	CHANGE IN PIPE ELEVATION
	REVISION NOTATION
	LOCAL ALARM
	MECH-T

* REVISIONS *		
NO.	DATE	BY

* HEAD LEGEND *											
SYMBOL	SPRINKLER	S.I.N.	K	ORIF.	THR.	FINISH	TEMP.	TYPE	FINISH	QTY	ESCUTCH/BEON
	(R) TYCO PENDENT	TY3531	5.6	1/2"	1/2"	WHT.	155°	REC	WHT.	45	
	(N) TYCO PENDENT	TY3531	5.6	1/2"	1/2"	WHT.	155°	REC	WHT.	5	
TOTAL SPRINKLERS THIS PROJECT:		50	TOTAL SPRINKLERS THIS PAGE:		50						

* CONTACTS *	
CORTE MADERA FIRE PREVENTION 415.927.5077	
BRETT GROVES 925.634.5758 BGROVES@thorpedesign.com	



MANGO

1602 REDWOOD HWY, SPACE D039
CORTE MADERA, CA. 94925

FIRE SPRINKLER PIPING PLAN

ISSUE:	SUBMITTAL
DATE:	2/12/2023
DRAWN BY:	B.GROVES
CHECKED BY:	J.HARPER
SCALE:	AS NOTED
JOB NO.:	XX-XXXX
PC. NO.:	XXXXXX
SHEET:	FP-1
OF	1 SHEETS

HEAD KEY

(R) ● -RELOCATE NEW SSP SPRINKLER TO BE INSTALLED.

(N) ● -NEW SSP SPRINKLER TO BE INSTALLED.

(E) ○ -EXISTING SSU SPRINKLER TO REMAIN.

SCOPE OF WORK

SCOPE OF WORK: THORPE DESIGN TO ADD ADDITIONAL FIRE SPRINKLER COVERAGE FOR TENANT IMPROVEMENT.

DEVICES: **ADD/RELOCATE FOURTY THREE (50) TY3531 NEW SSP**

LEGEND

NEW PIPE
EXISTING PIPE

DESIGN CRITERIA

A.H.J.:STANDARD : CORTE MADERA FIRE PREVENTION DISTRICT NFPA 13 (2022 EDITION)

OCCUPANCY : M

CONSTRUCTION : TYPE IIB

SCOPE OF WORK : THORPE DESIGN TO ADD/ RELOCATE FIRE SPRINKLERS FOR NEW TENANT

FACILITY USAGE : SCHOOL, CLASSROOMS, RESTROOMS

BUILDING S.F. : 5,501

NUMBER OF FLOORS: 1

OVERHEAD INSTALLATION NOTES

1)ALL MATERIALS AND METHODS SHALL CONFORM TO THE REQUIREMENTS OF THE CORTE MADERA FIRE PREVENTION

2)ALL MATERIALS TO BE NEW AND APPROVED.

3)ALL ARMOVER PIPING SHALL BE EDDYTHREAD.

4)PROTECTION AGAINST FREEZING OF ALL EXPOSED PIPING, SPRINKLERS, AND VALVES IS THE RESPONSIBILITY OF THE OWNER & SHALL ADHERE TO NFPA 13 (2022 EDITION).

5)18-INCH CLEARANCE ABOVE STORAGE IS REQUIRED PER NFPA 13.

STEEL PIPING NOTES

1.ALL PIPING 2- INCH AND SMALL SHALL BE BLACK, EDDYTHREAD

ALL PIPING 2 1/2 - 4 INCH SHALL BE EDDYFLOW PIPE.

ALL PIPING 6- INCH OR GREATER SHALL BE SCH.10 PIPE.

2.CROSS/FEED MAIN PIPE FITTINGS: DUCTILE IRON, GROOVED WITH STANDARD GASKETS.

3.BRANCHLINE FITTINGS: DUCTILE IRON, CAST IRON, 125#, AND GROOVED WITH STANDARD GASKETS.

4.ALL PIPING SHALL BE HYDROSTATICALLY TESTED PER NFPA 13 (2022 EDITION), 48 HOUR NOTIFICATION REQUIRED, 200# FOR 2 HOURS.

5.A SPARE HEAD CABINET, SPRINKLER, AND WRENCH(S) SHALL BE PROVIDED PER NFPA 13 (2022 EDITION).

6.PROTECTION AGAINST FREEZING OF ALL EXPOSED PIPING, SPRINKLERS, AND VALVES IS THE RESPONSIBILITY OF THE OWNER & SHALL ADHERE TO NFPA 13 (2022 EDITION). ALARM BELL SHALL BE PROVIDED BY THORPE DESIGN, INSTALLATION & WIRING BY OTHERS

8.THE SYSTEM ALARMS SHALL BE PROVIDED WITH 24-HOUR MONITORING PER CFC. (BY OTHERS)

VICINITY MAP

TYP. ARMOVER DETAIL

NTS

HANGER DETAILS

NTS.

SAMMY'S GST 20 HANGER

NTS

SAMMY'S SWG-20 HANGER

NTS