

# INTERSTITIAL SPACE NOTE:

ENTIRE INTERSTITIAL CAVITY TO BE FILLED  
W/ NON-COMBUSTIBLE INSULATION BY G.C.

PER NFPA #13, SECTION 8.15.1.2.7  
SPINKLER PROTECTION IS NOT REQUIRED

HANGER SPACING CHART						
PIPE TYPE	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
BLACK STEEL SCH. 40	12'-0"	12'-0"	15'-0"	15'-0"	15'-0"	15'-0"
BLACK STEEL SCH. 40	12'-0"	12'-0"	15'-0"	15'-0"	15'-0"	15'-0"
CPVC	6'-0"	6'-6"	7'-0"	8'-0"	9'-0"	10'-0"

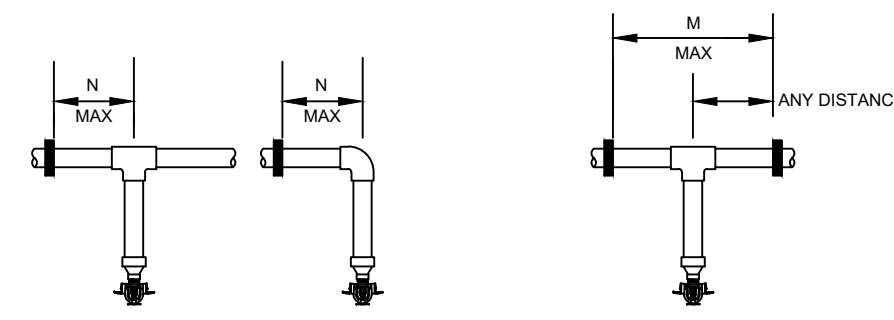
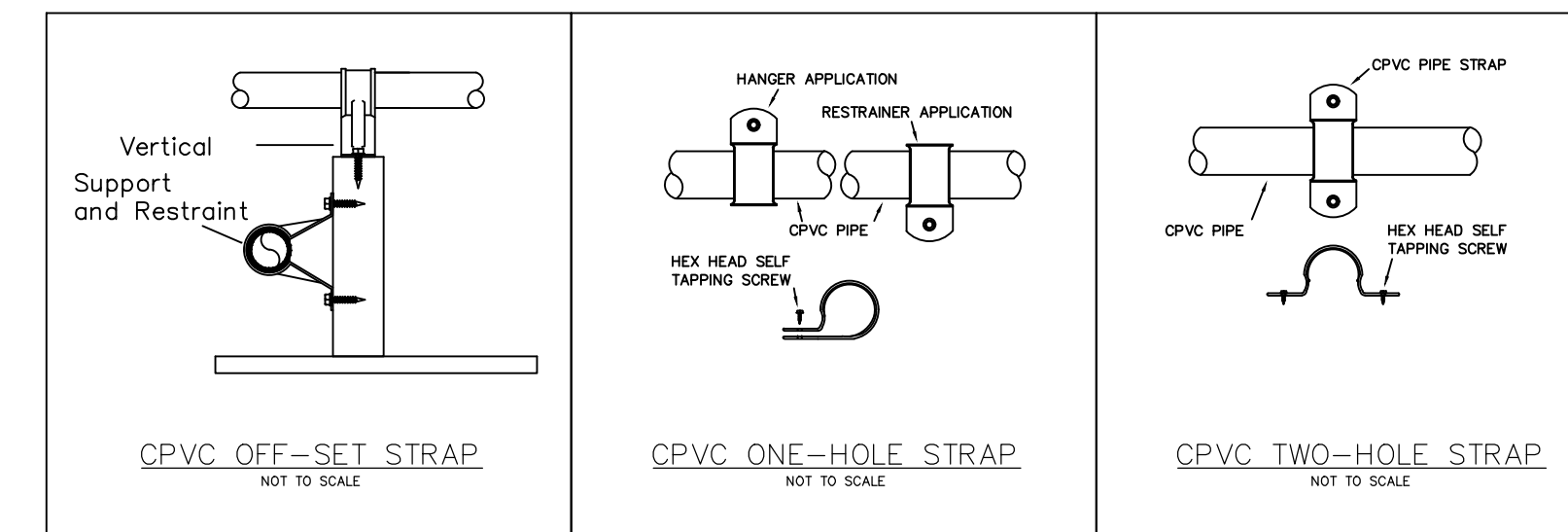


TABLE - R ONE POINT RESTRAINT			TABLE - S TWO POINT RESTRAINT		
NOMINAL PIPE SIZE	LESS THAN 100 PSI	GREATER THAN 100 PSI	NOMINAL PIPE SIZE	LESS THAN 100 PSI	GREATER THAN 100 PSI
1/2"	1'-0"	1'-0"	1/2"	1'-0"	1'-0"
3/4"	1'-0"	1'-0"	3/4"	1'-0"	1'-0"
1"	1'-0"	1'-0"	1"	1'-0"	1'-0"
1 1/2"	2'-0"	2'-0"	1 1/2"	2'-0"	2'-0"

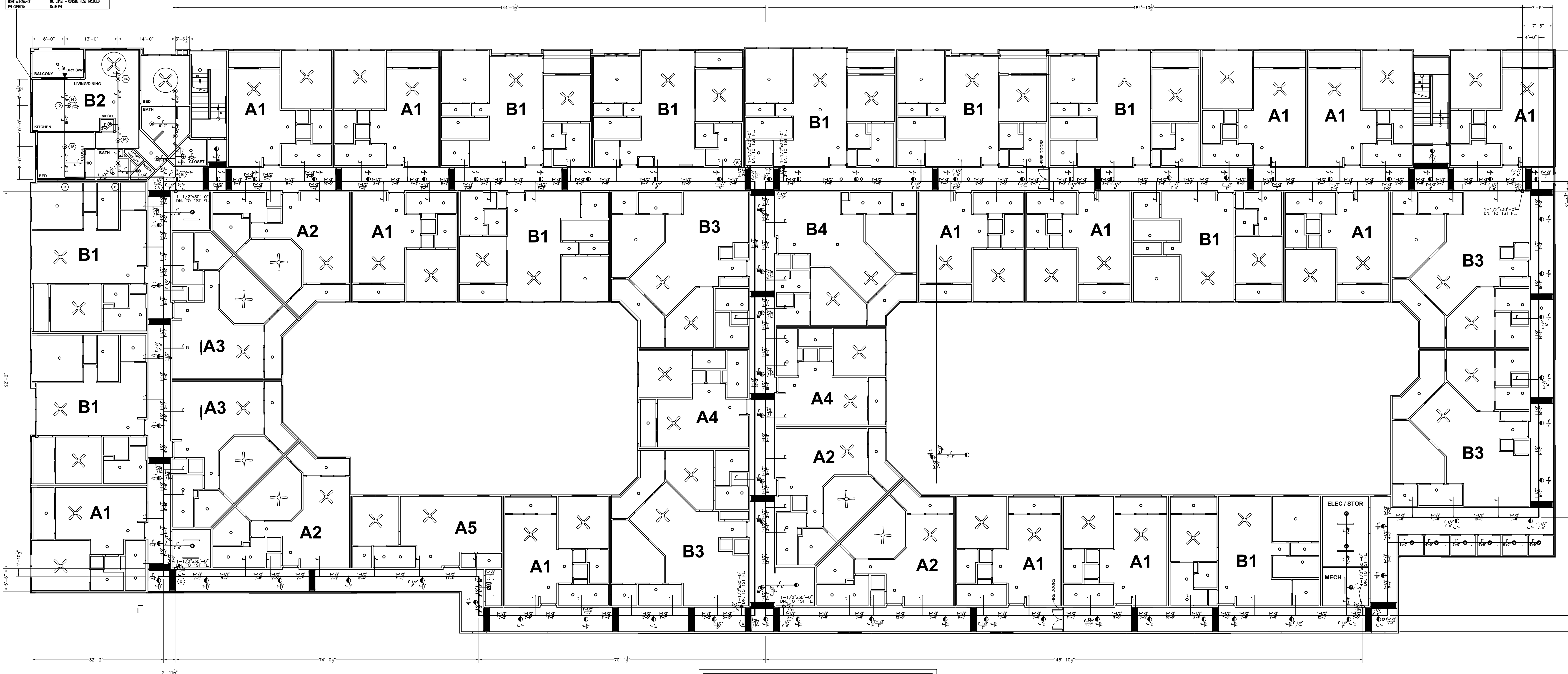
BRANCH LINES SHALL BE BRACED AT A DISTANCE FROM A TEE OR ELBOW TO PREVENT LIFT OF SPRINKLERS AS SHOWN IN TABLES 'R' OR 'S'.



SPRINKLER HEAD SPACING CHART

AREAS	SPRINKLER HEAD	MAX. SPACING	MAX. DISTANCE OFF WALL
RESIDENTIAL - CORRIDOR	TYCOO EC-8 8.0K RECESSED PENDENT	16' x 16' = 256 SQ. FT.	8'-0"
RESIDENTIAL - MECHANICAL / ELECTRIC (ALL FLOORS)	TYCOO F86 5.6K RECESSED PENDENT	16' x 16' = 256 SQ. FT.	8'-0"
RESIDENTIAL - UNITS LEVELS 1-5 (ROOMS)	TYCOO SERIES 5.6L 5.6K RESIDENTIAL PENDENT	16' x 16' = 256 SQ. FT.	8'-0"
RESIDENTIAL - UNITS LEVELS 1-5 (EXTERIOR BALCONY)	GLOBE GL-1 NPT 5.6K RESIDENTIAL DRY SIDEWALL	16' x 16' = 256 SQ. FT.	9'-0"

HYDRAULIC DESIGN DATA	
WATER SUPPLY	150 PSI
PIPE TYPE	1/2" CPVC
FRIC. LOSS	0.015
VALVE LOSS	0.5
MIN. PRESS.	2.0
MAX. PRESS.	150
MIN. FLOW	0.5
MAX. FLOW	10.0
MIN. VELOCITY	1.0
MAX. VELOCITY	10.0



4TH FLOOR - 41,400 SQ.FT.

SCALE: 3/32" = 1'-0"  
INSTALL PIPING @ 11'-0" O.C. AFF

NICET Level IV Automatic Sprinkler  
System Layout Certification #79357  
Richard P. Kossler

1444 HOME STREET  
Jacksonville, Florida

LEVEL 4 SPRINKLER

**SFT**  
Sawtooth Fire Protection  
2220 COUNTY RD. 210 WEST  
SUITE NO. 106-139  
JACKSONVILLE, FL 32256  
PH: 904-450-5257

NO.	DATE	DESCRIPTION
1	11/27/18	GENERAL WORKING

NO.	DATE	DESCRIPTION	BY	APP.
1	11/27/18	DESIGN	RP	RP
2	11/27/18	CHECK	RP	RP
3	11/27/18	REVISION	RP	RP

SCALE: 3/32" = 1'-0"  
JOB NUMBER: 698  
DATE: 10/30/2018