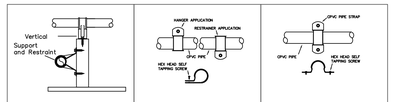


CPVC OFF-SET STRAP
NOT TO SCALE

CPVC ONE-HOLE STRAP
NOT TO SCALE

CPVC TWO-HOLE STRAP
NOT TO SCALE

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

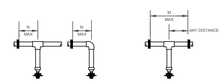
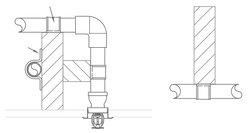
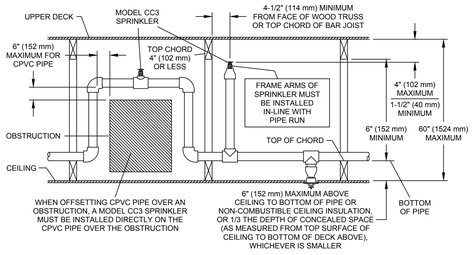


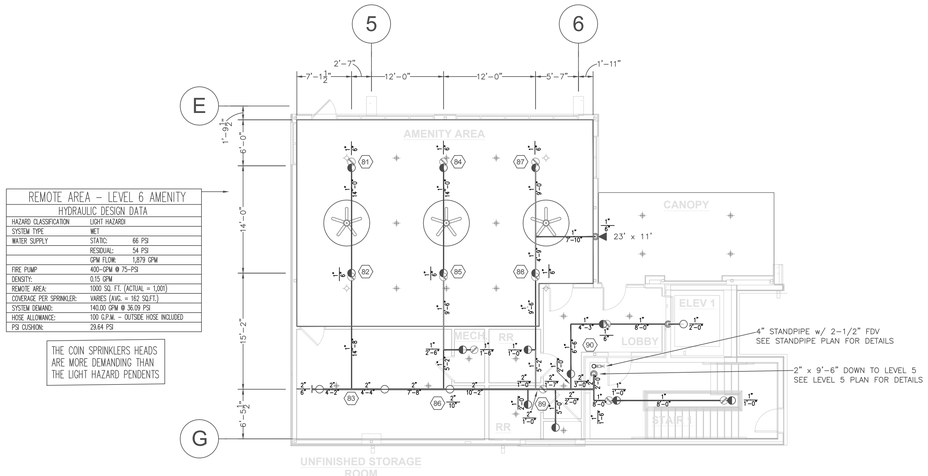
TABLE - N "ONE POINT RESTRAINT"		
NOMINAL PIPE SIZE	"N" LESS THAN 180 DEG	"N" GREATER THAN 180 DEG
1"	3'-0"	2'-0"
1 1/4"	3'-0"	2'-0"
1 1/2"	3'-0"	2'-0"
2"	3'-0"	2'-0"

TABLE - M "TWO POINT RESTRAINT"		
NOMINAL PIPE SIZE	"M" LESS THAN 180 DEG	"M" GREATER THAN 180 DEG
1"	4'-0"	3'-0"
1 1/4"	4'-0"	3'-0"
1 1/2"	4'-0"	3'-0"
2"	4'-0"	3'-0"

BRANCH LINES SHALL BE BRACED AT A DISTANCE FROM A TEE OR ELBOW TO PREVENT LIFT OF SPRINKLERS AS SHOWN IN TABLES "N" OR "M".







REMOTE AREA - LEVEL 6 AMENITY HYDRAULIC DESIGN DATA	
HAZARD CLASSIFICATION:	LIGHT HAZARD
SYSTEM TYPE:	WET
WATER SUPPLY:	STATIC: 66 PSI
	RESIDUAL: 54 PSI
	GPM FLOW: 1,879 GPM
FIRE PUMP:	400-GPM @ 75-PSI
DENSITY:	0.15 GPM
REMOTE AREA:	1000 SQ. FT. (ACTUAL = 1,000)
COVERAGE PER SPRINKLER:	VARIES (AVG. = 162 SQ.FT.)
SYSTEM DEMAND:	140.00 GPM @ 36.09 PSI
HOSE ALLOWANCE:	100 G.P.M. - OUTSIDE HOSE INCLUDED
PSI CUSHION:	29.64 PSI

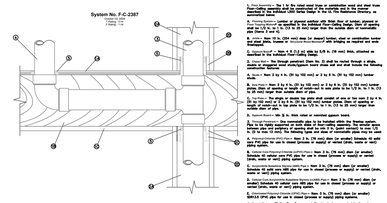
THE COIN SPRINKLERS HEADS
ARE MORE DEMANDING THAN
THE LIGHT HAZARD PENDENTS

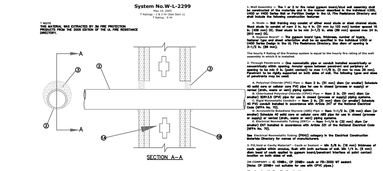
SIXTH FLOOR - AMENITY
SCALE: 1/8" = 1'-0"
PIPING TO BE SCH. 10 BLACK STEEL PIPE

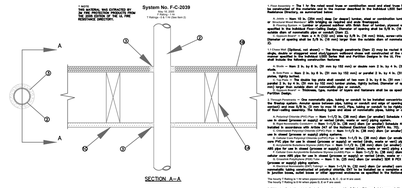
6TH FLOOR DECK (TOD) ABOVE @ 62'-61/2"
6TH FLOOR (TOD) = 19'-10" ABOVE 5TH FLOOR

SPRINKLER HEAD SPACING CHART

AREAS	SPRINKLER HEAD	MAX. SPACING	MAX. DISTANCE OFF WALL
RESIDENTIAL - CORRIDOR	TYCO EC-8 8.0K RECESSED PENDENT	16' x 16' = 256 SQ. FT.	8'-0"
RESIDENTIAL - MECHANICAL / ELECTRIC (ALL FLOORS)	TYCO EC-8 8.0K RECESSED PENDENT	16' x 16' = 256 SQ. FT.	8'-0"
RESIDENTIAL - UNITS LEVELS 1 - 5 (ROOMS)	TYCO SERIES LFII 5.6K RESIDENTIAL PENDENT	18' x 18' = 324 SQ. FT.	9'-0"
RESIDENTIAL - UNITS LEVELS 1 - 5 (EXTERIOR BALCONY)	GLOBE GL -1" NPT 5.6K RESIDENTIAL DRY SIDEWALL	18' x 18' = 324 SQ. FT.	9'-0"
RESIDENTIAL - INTERSTITIAL SPACES (ALL FLOORS)	TYCO TY-FRB 5.6K PENDENT	16' x 16' = 256 SQ. FT.	8'-0"







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

Riverside Jacksonville @ Bishopgate
Jacksonville, Florida

1000 BUILDING - LEVEL 6 AMENITY
AND GENERAL DETAILS

Suppression Fire Protection
2220 COUNTY RD. 210 WEST
SUITE NO.108-139
JACKSONVILLE, FLORIDA 32259
PH: 904-635-5637

NO.	DATE	BY	DESCRIPTION
	8/21/18		ISSUE FOR PERMIT

REVISIONS & APPROVALS

SYM.	QUAN.	SKU #	K#	TEMP	DESCRIPTION
	14	TY4232	8.0	155°	TYCO EC-8 QR EC WHITE REC. PENDENT
	4	TY3231	5.6	155°	TYCO EC-8 QR EC WHITE RESIDENTIAL REC. PEN.
	0	TY3934	5.8	155°	TYCO LFII QR EC WHITE RESIDENTIAL REC. PEN.
	0	TY3934	5.8	175°	TYCO LFII QR EC WHITE RESIDENTIAL REC. PEN.
	0	TY4944	5.6	155°	TYCO CCU QR EC BRASS CONC. SPACE UPRIGHT
	11	TY3199	5.6	155°	TYCO CCU QR EC BRASS CONC. SPACE UPRIGHT

AHJ: CITY OF JACKSONVILLE	WET PIPE SYSTEM NFPA # 13
TOTAL NO. OF SPRINKS: 72	TOTAL SPRINKLERS LEVEL 6: 30

SCALE: 1/8" = 1'-0"
JOB NUMBER: 690
DATE: 8/1/2018

FP-5F
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