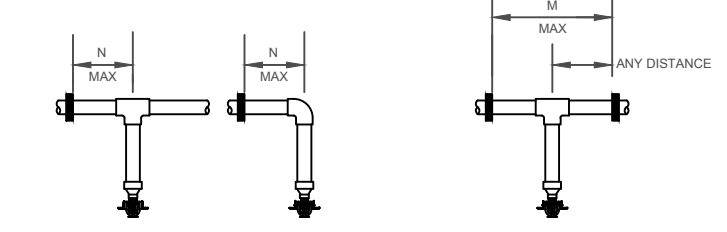
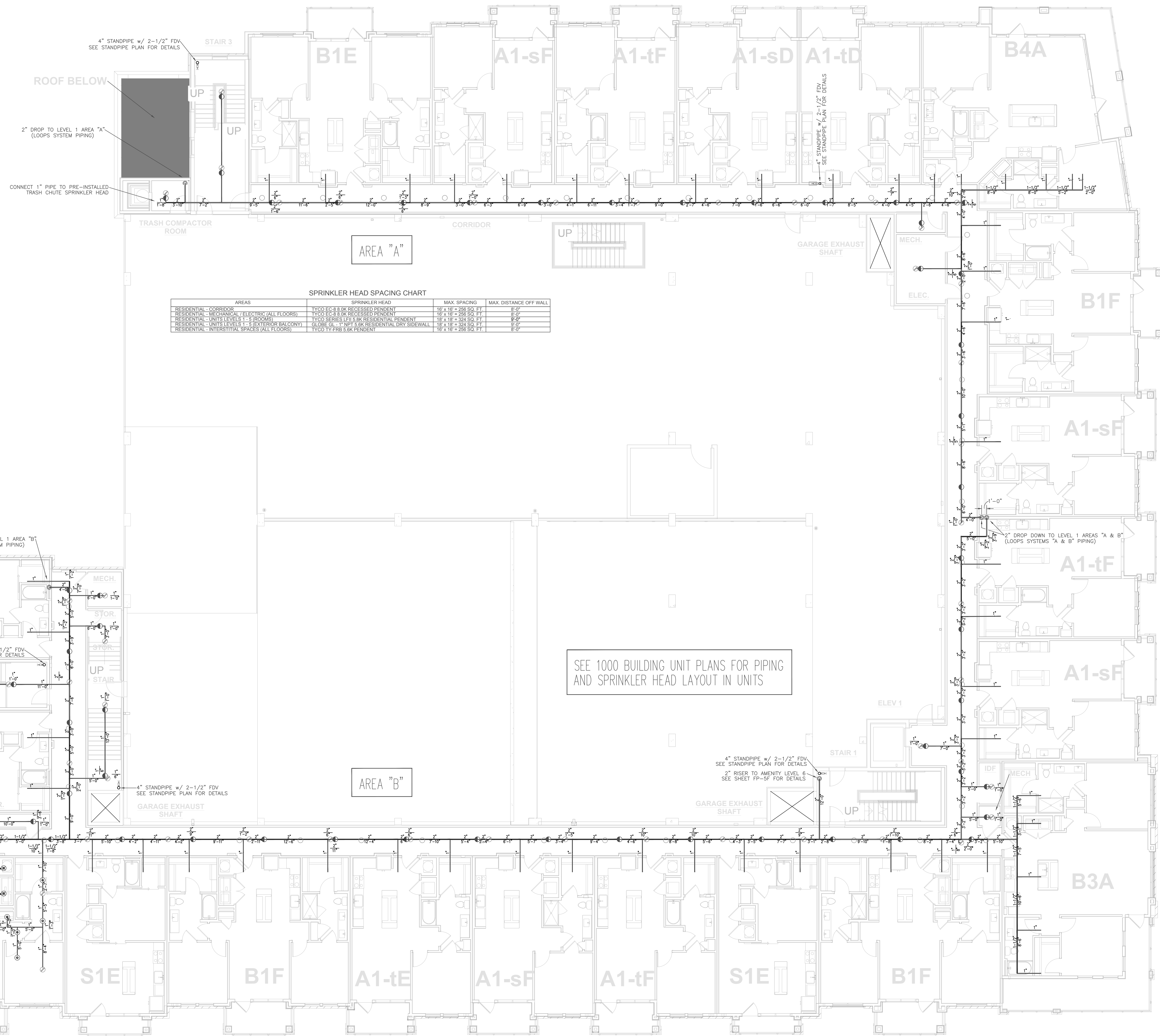
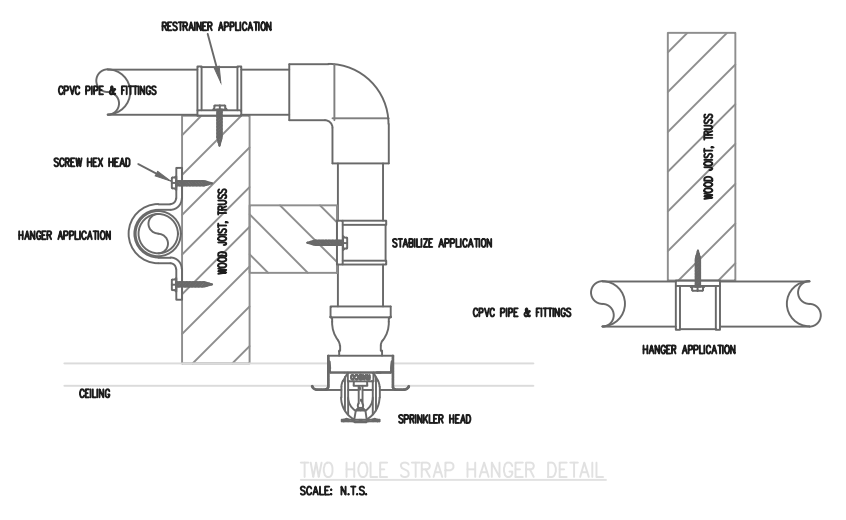


PIPE TYPE	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
BLACK STEEL SCH. 40	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"
BLACK STEEL SCH. 40	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"
CPVC	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"



PIPE TYPE	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
BLACK STEEL SCH. 40	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"
BLACK STEEL SCH. 40	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"	12'-0"
CPVC	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"	8'-0"

SPRINKLER HEADS SHALL BE MOUNTED AT LEAST 18" FROM THE TEE OR ELBOW TO PREVENT LIFT OF SPRINKLER AS SHOWN IN TABLES 4 & 5.



AREAS	SPRINKLER HEAD	MAX. SPACING	MAX. DISTANCE OFF WALL
RESIDENTIAL - CORRIDOR	TYCO EG-8 8.0K RECESSED PENDENT	16' x 16' = 256 SQ. FT.	8'-0"
RESIDENTIAL - MECHANICAL / ELECTRIC (ALL FLOORS)	TYCO EG-8 8.0K RECESSED PENDENT	16' x 16' = 256 SQ. FT.	8'-0"
RESIDENTIAL - UNITS LEVELS 1-5 (ROOMS)	TYCO SERIES 120 5.0K RESIDENTIAL PENDENT	16' x 16' = 256 SQ. FT.	8'-0"
RESIDENTIAL - UNITS LEVELS 1-5 (EXTERIOR BALCONY)	GLOBE GL-11 1.0K 5.0K RESIDENTIAL DCT SIDEWALL	16' x 16' = 256 SQ. FT.	8'-0"
RESIDENTIAL - INTERSTITIAL SPACES (ALL FLOORS)	TYCO TY-FRB 5.0K PENDENT	16' x 16' = 256 SQ. FT.	8'-0"

HYDRAULIC DESIGN DATA	
HAZARD CLASSIFICATION	LIGHT HAZARD
SYSTEM TYPE	WET PIPE
WATER SUPPLY	STATIC: 66 PS
	RESIDUAL: 54 PS
FIRE PUMP	1.00 GPM @ 147.0 FT. (FACTORY = 1.00)
DENSITY	0.10 GPM
REMOTE AREA	1000 SQ. FT. (FACTORY = 1.00)
COVERAGE PER SPRINKLER	WARE (AVG. = 167 SQ. FT.)
SYSTEM DEMAND	148.5 GPM @ 45.24 PS
HOSE ALLOWANCE	100 GPM - OUTSIDE HOSE INCLUDED
PSI DESIGN	20.47 PSI

HYDRAULIC DESIGN DATA	
HAZARD CLASSIFICATION	LIGHT HAZARD
SYSTEM TYPE	WET PIPE
WATER SUPPLY	STATIC: 66 PS
	RESIDUAL: 54 PS
FIRE PUMP	1.00 GPM @ 147.0 FT. (FACTORY = 1.00)
DENSITY	0.10 GPM
REMOTE AREA	4 UNIT PENDENT SPRINKLERS
COVERAGE PER SPRINKLER	WARE (AVG. = 167 SQ. FT.)
SYSTEM DEMAND	133.5 GPM @ 40.76 PS
HOSE ALLOWANCE	100 GPM - OUTSIDE HOSE INCLUDED
PSI DESIGN	15.59 PSI

**BUILDING 1000 LEVEL 5**  
SCALE: 1/8" = 1'-0"

Riverside Jacksonville @ Bishopgate  
Jacksonville, Florida

1000 BUILDING - LEVEL 5 SPRINKLER

FP-5E  
15 of 21

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

2020 COUNTY RD. 210 WEST  
SUITE NO. 108-130  
JACKSONVILLE, FL 32209  
PH: 904-529-1027

SALES: 904-529-1027  
DESIGN: 904-529-1027  
OFFICE: 904-529-1027  
FIELD: 904-529-1027

REVISIONS & APPROVALS

NO.	DATE	BY	DESCRIPTION
1	8/27/16	ISSUE FOR PERMIT	

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