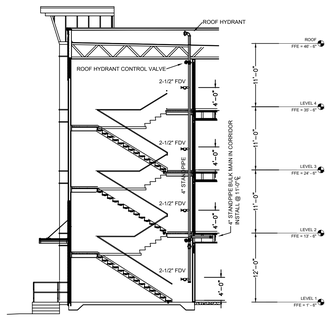
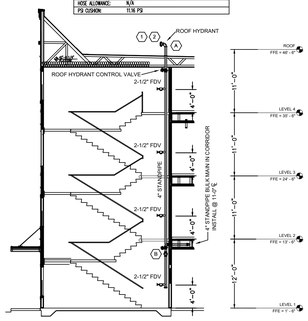


STAIR 1 - SECTION "A" STANDPIPE RISER #1

SCALE: 3/32" = 1'-0"

ALL PIPING TO BE SCHEDULE 10 BLACK STEEL

REMOTE AREA – WET MANUAL STANDPIPE	
HYDRAULIC DESIGN DATA – MOST REMOTE STANDPIPE	
CLASSIFICATION	MANUAL STANDPIPE
TYPE	WET
WATER SUPPLY	STATIC: 175 PSI
	RESIDUAL: 150 PSI
	GPM FLOW: 1,500 GPM
FIRE PUMP	N/A
DENSITY:	500-GPM REMOTE + 250-GPM @ 2ND & 3RD STANDPIPES
SYSTEM DEMAND:	7513 GPM @ 145.15 PSI
HOSE ALLOWANCE:	N/A
PSI CUSHION:	11.16 PSI

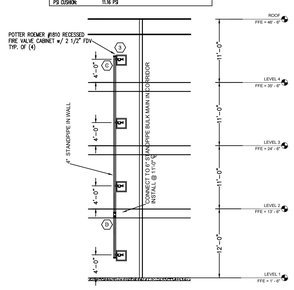


STAIR 2 - SECTION "B" - STANDPIPE RISER #2

SCALE: 3/32" = 1'-0"

ALL PIPING TO BE SCHEDULE 10 BLACK STEEL

REMOTE AREA – WET MANUAL STANDPIPE	
HYDRAULIC DESIGN DATA – 2ND REMOTE STANDPIPE	
CLASSIFICATION	MANUAL STANDPIPE
TYPE	WET
WATER SUPPLY	STATIC: 175 PSI
	RESIDUAL: 150 PSI
	GPM FLOW: 1,500 GPM
FIRE PUMP	N/A
DENSITY:	500-GPM REMOTE + 250-GPM @ 2ND & 3RD STANDPIPES
SYSTEM DEMAND:	7513 GPM @ 145.15 PSI
HOSE ALLOWANCE:	N/A
PSI CUSHION:	11.16 PSI

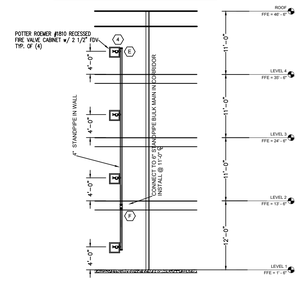


STANDPIPE RISER #3 - SECTION "C"

SCALE: 3/32" = 1'-0"

ALL PIPING TO BE SCHEDULE 10 BLACK STEEL

REMOTE AREA – WET MANUAL STANDPIPE	
HYDRAULIC DESIGN DATA – 3RD REMOTE STANDPIPE	
CLASSIFICATION	MANUAL STANDPIPE
TYPE	WET
WATER SUPPLY	STATIC: 175 PSI
	RESIDUAL: 150 PSI
	GPM FLOW: 1,500 GPM
FIRE PUMP	N/A
DENSITY:	500-GPM REMOTE + 250-GPM @ 2ND & 3RD STANDPIPES
SYSTEM DEMAND:	7513 GPM @ 145.15 PSI
HOSE ALLOWANCE:	N/A
PSI CUSHION:	11.16 PSI

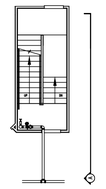


STANDPIPE RISER #4 - SECTION "D"

SCALE: 3/32" = 1'-0"

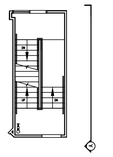
ALL PIPING TO BE SCHEDULE 10 BLACK STEEL

(STANDPIPE RISER #5 TYPICAL)



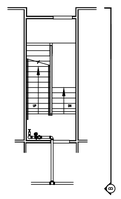
STAIR 1 - LEVEL 1

SCALE: 3/32" = 1'-0"



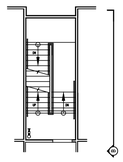
STAIR 1 - LEVELS 2-4

SCALE: 3/32" = 1'-0"



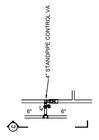
STAIR 2 - LEVEL 1

SCALE: 3/32" = 1'-0"



STAIR 2 - LEVELS 2-4

SCALE: 3/32" = 1'-0"

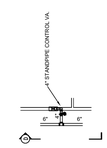


STANDPIPE RISER #3 - LEVEL1

SCALE: 3/32" = 1'-0"

STANDPIPE RISER #3 - LEVELS 2-4

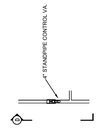
SCALE: 3/32" = 1'-0"



STANDPIPE RISER #4 - LEVEL1

SCALE: 3/32" = 1'-0"

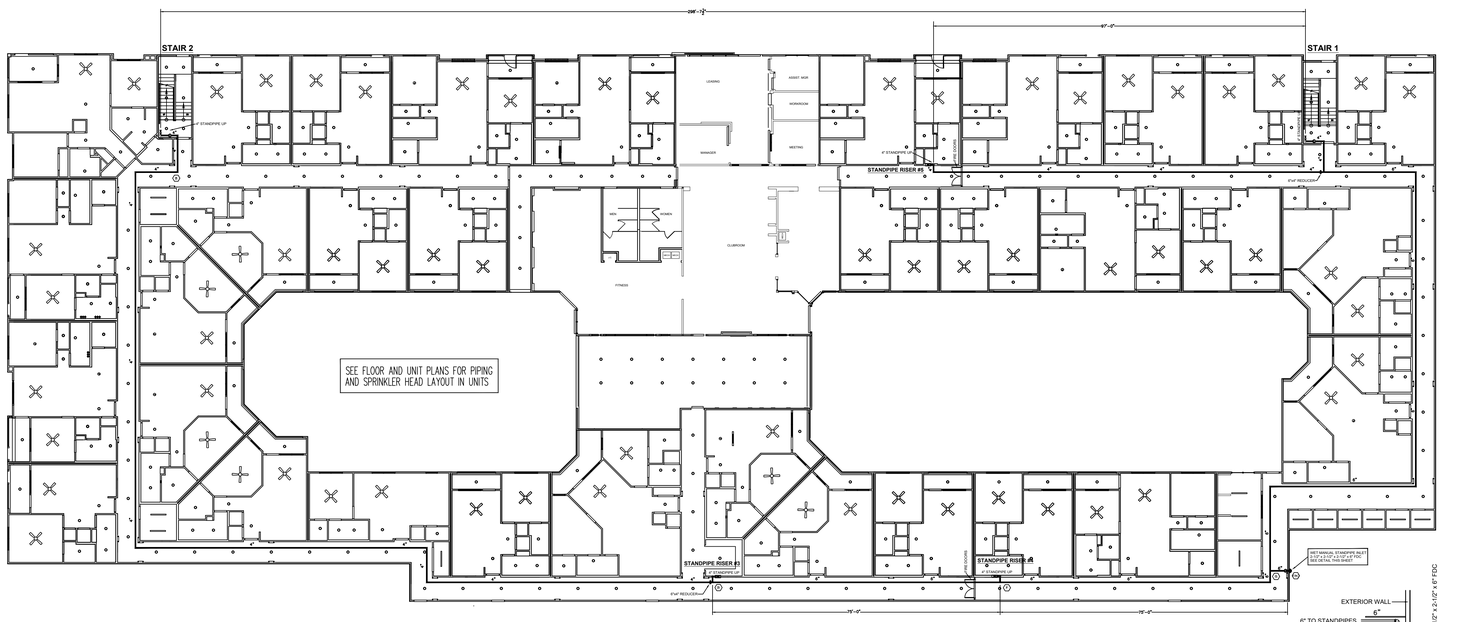
(STANDPIPE RISER #5 TYPICAL)



STANDPIPE RISER #4 - LEVELS 2-4

SCALE: 3/32" = 1'-0"

(STANDPIPE RISER #5 TYPICAL)



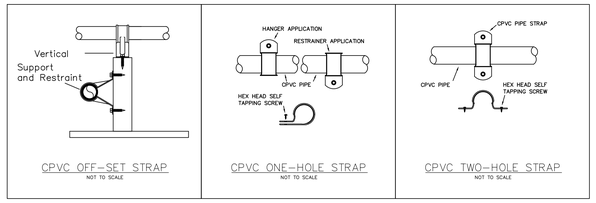
BUILDING 1000 - 6" WET MANUAL STANDPIPE RISER

NO SCALE

NOTE: ALL PIPING TO BE SCHEDULE 10 BLACK STEEL

6" WET MANUAL FIRE DEPARTMENT CONNECTION

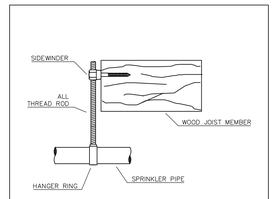
NO SCALE



CPVC OFF-SET STRAP — NOT TO SCALE

CPVC ONE-HOLE STRAP — NOT TO SCALE

CPVC TWO-HOLE STRAP — NOT TO SCALE



WOOD SIDEWINDER HANGER

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'-6"	7'-0"	8'-0"	9'-0"	10'-0"		

NICET Level IV Automatic Sprinkler System Layout Certification #179357
Richard P. Kossler

1444 HOME STREET
Jacksonville, Florida

STANDPIPE BULK MAIN AND DETAILS

Sarasota Fire Protection
2220 COUNTY RD. 210 WEST
SUITE NO.100-139
JACKSONVILLE, FLORIDA 32259
TEL. (904) 538-2477

NO.	DATE	BY	REVISIONS & APPROVALS DESCRIPTION
1	10/30/18		ISSUE FOR PERMIT
2	11/07/18		BANDA COMMENTS

COM	DWN	SKH	KEY TRAP DESCRIPTION			
				AHJ: CITY OF JACKSONVILLE	TOTAL NO. OF SYSTEMS: 4	TOTAL SPRINKLERS ON THIS SHEET: 1242	WET PIPE SYSTEM RISER #3

SCALE: AS NOTED

JOB NUMBER: 698

DATE: 10/30/2018

FP-3

3 of 9