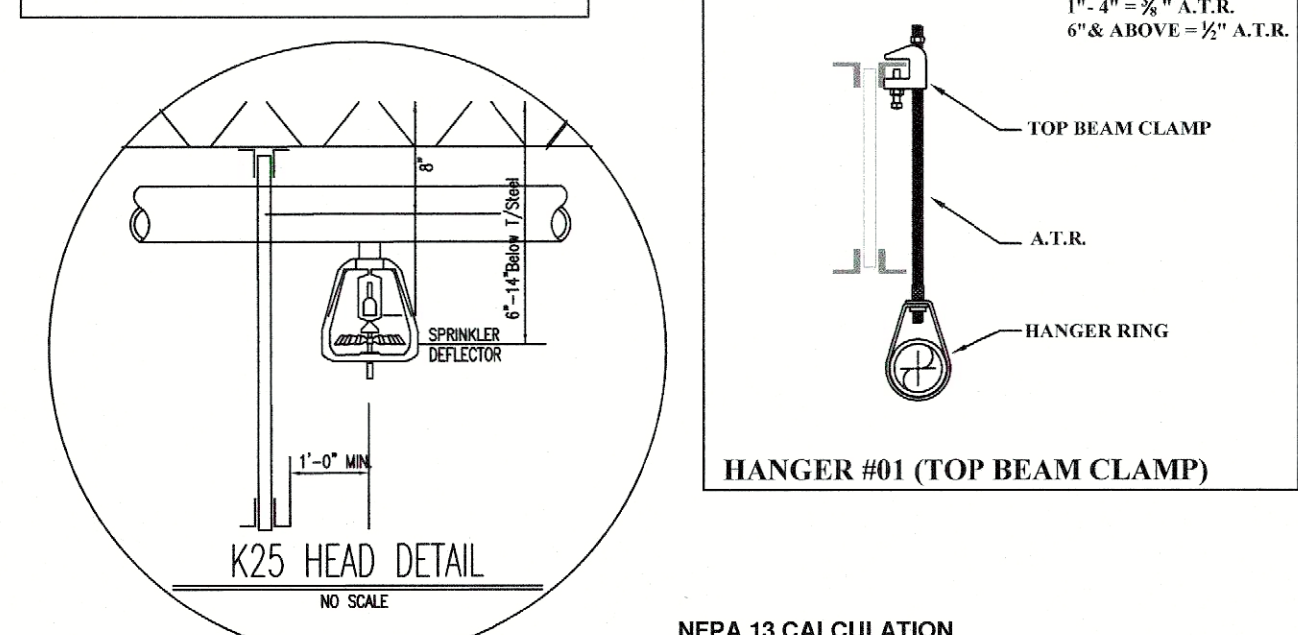
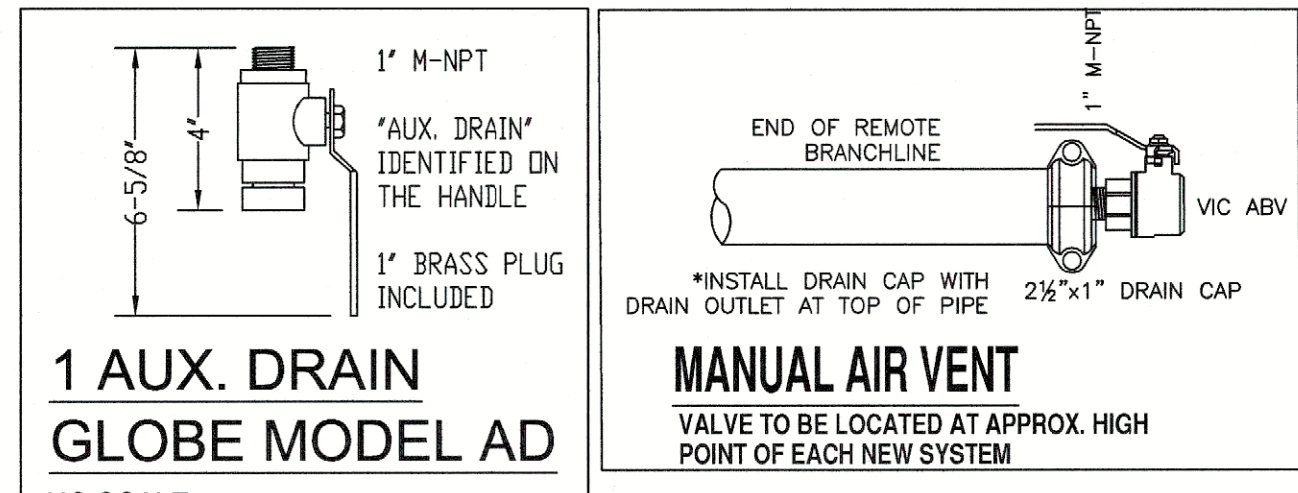
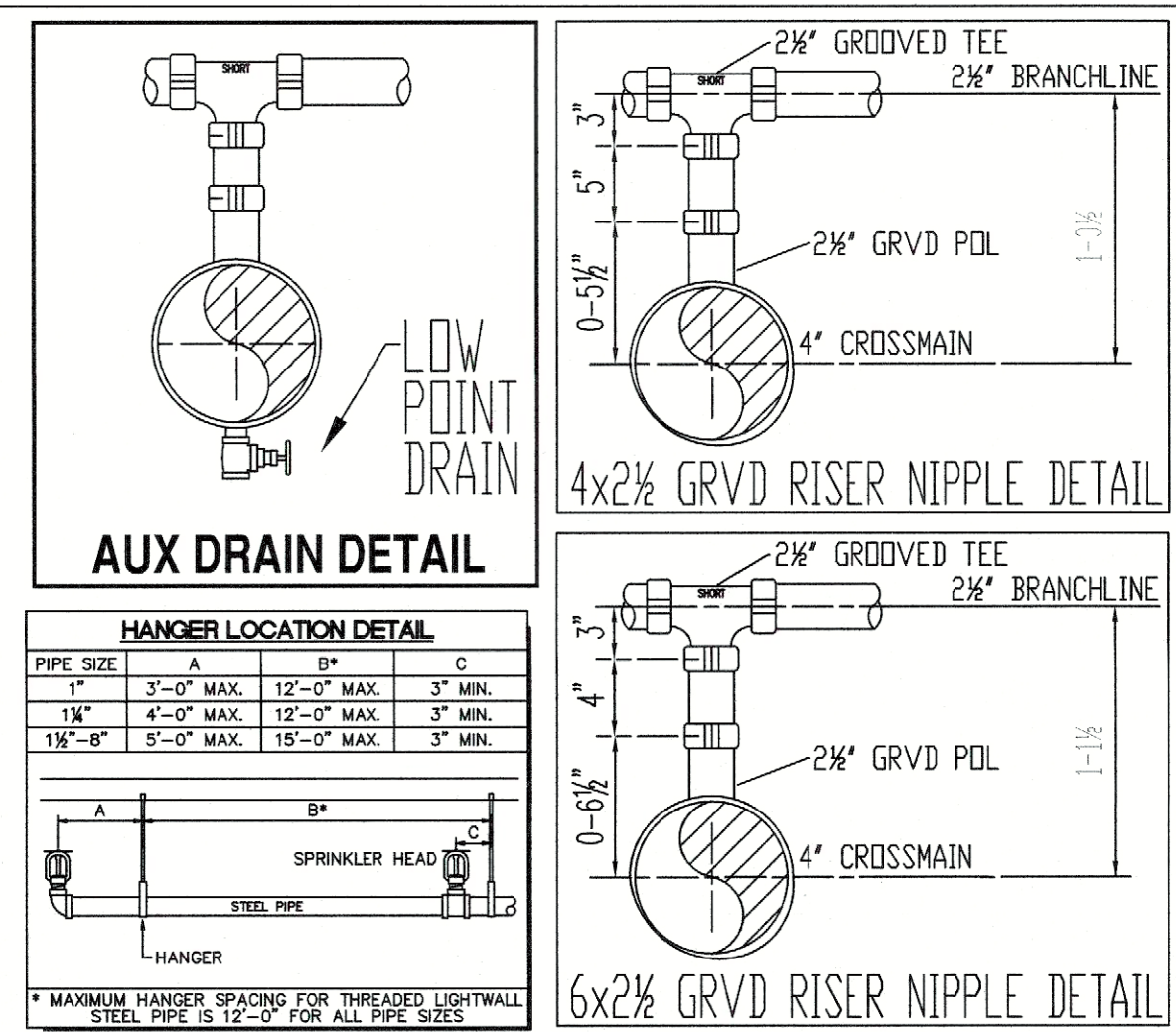
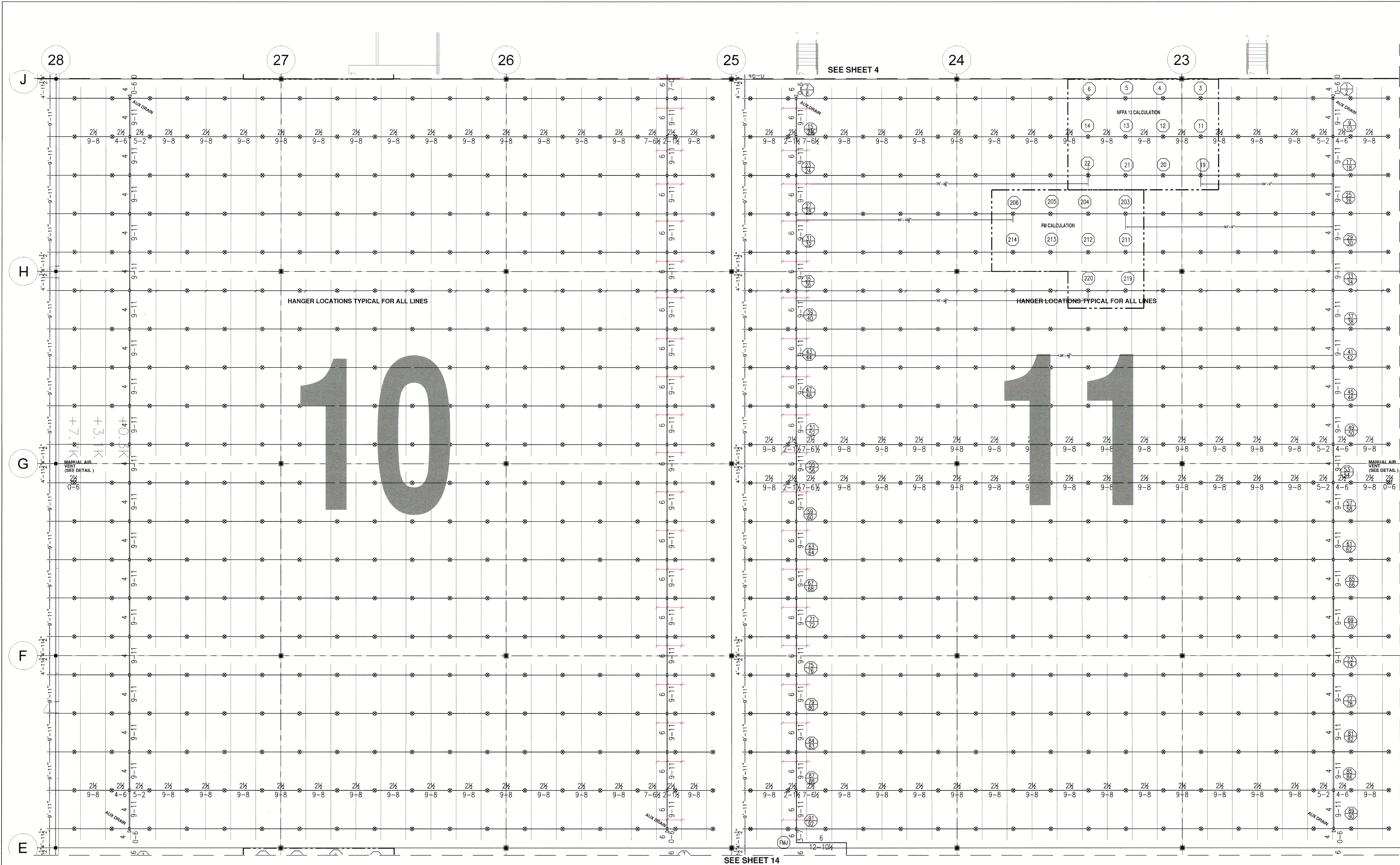




HYDRAULIC - SYSTEM	
This building is protected by a hydraulically designed Automatic Sprinkler System.	
Location	SYSTEM 11
No. of Sprinklers	12
Base of Design	40 PSI
1. END HEAD PRESSURE	35.2
2. SPRINKLER K-FACTOR	5.2
System Demand	2141 GPM
1. GPM DISCHARGE	1941 GPM
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER	121 PSI
Building Information	CLASS 140 CARTONED UNIFORMED PLASTICS SEE SHEET 1 FOR CERTAIN DETAILS
**MUST MAINTAIN 36" FROM DEFLECTOR TO TOP OF STORAGE	
FM CALCULATION	
HYDRAULIC - SYSTEM	
This building is protected by a hydraulically designed Automatic Sprinkler System.	
Location	SYSTEM 11 - FM
No. of Sprinklers	15
Base of Design	50 PSI
1. END HEAD PRESSURE	35.2
2. SPRINKLER K-FACTOR	5.2
System Demand	1941 GPM
1. GPM DISCHARGE	1941 GPM
2. RESIDUAL PRESSURE AT THE BASE OF THE RISER	121 PSI
Building Information	CLASS 140 CARTONED UNIFORMED PLASTICS SEE SHEET 1 FOR CERTAIN DETAILS
**MUST MAINTAIN 36" FROM DEFLECTOR TO TOP OF STORAGE	
PIPE SIZES FOR SYSTEM 10 BASED ON SYSTEM 12 CALCULATION	

SYSTEMS 10&11
SCALE = 3/32" = 1'-0"
TOP OF STEEL HIGH POINT = 49'-8 1/2" @ COL. G
TOP OF STEEL LOW POINT = 41'-7" @ COL. A&N

ALL 2 1/2" LINES TO BE 8" FROM TOP OF STEEL UNLESS NOTED OTHERWISE
ALL 4" MAINS TO BE 1'-8 1/2" FROM TOP OF STEEL UNLESS NOTED OTHERWISE
ALL 6" MAINS TO BE 1'-9 1/2" FROM TOP OF STEEL UNLESS NOTED OTHERWISE

ALL BAY DOORS ARE VERTICAL LIFT AND DO NOT REQUIRE ADDITIONAL HEADS

1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27

KEY PLAN
NOT TO SCALE

HYDROSTATIC TEST TO BE CONDUCTED AT 225 PSI

STANDARD DRAWING SYMBOLS			TYPICAL HANGER ASSEMBLIES BY NUMBER			FIRE PROTECTION SPECIFICATIONS			MATERIAL SPECIFICATIONS			REVISIONS			SPRINKLER LEGEND			
D-0	DENOTES CENTERLINE OF PIPE ABOVE FINISH FLOOR	01	TOP BEAM CLAMP (TBC)	01	SAMMY SW-20 SIDE CONCRETE	1.	DO NOT SCALE DRAWING(S).	6.	THE OWNER SHALL PROVIDE A MINIMUM OF 40' F	1.	PIPE IS GRID/GRID MAIN/LINE	1.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-1	DENOTES CENTERLINE OF PIPE BELOW TOP OF STEEL	02	SAMMY SW-20 STRAIGHT WOOD	02	SAMMY SW-20 STRAIGHT WOOD	2.	ALL PIPE NOTED AS: GG-GROOVED END TO CENTER, GG = GROOVED END TO GROOVED END, INDICATES ACTUAL PIPE "CUT" LENGTHS. (U.O.N.)	7.	CONTRACTOR SHALL PROVIDE THE OWNER, INSURANCE CO., & THE PROPER CITY OFFICIALS WITH COPIES OF THE MATERIAL & TEST CERTIFICATES.	2.	SMITH-COOPER FITTINGS	2.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-2	DENOTES CENTERLINE OF PIPE BELOW BOTTOM OF JOIST	03	INVERTED TOP BEAM CLAMP	03	INVERTED TOP BEAM CLAMP	3.	DESIGN, INSTALLATION & MATERIALS TO BE PER N.F.P.A. #13 2016	8.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	3.	SMITH-COOPER COUPLINGS	3.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-3	DENOTES CENTERLINE OF PIPE BELOW BOTTOM OF BEAM	04	INVERTED WIRE MOUTH TBC	04	INVERTED WIRE MOUTH TBC	4.	HANGERS & ATTACHMENTS TO BE U.L LISTED & SPACING PER N.F.P.A. #13 2016	9.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	4.	SMITH-COOPER FITTINGS	4.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-4	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	05	SAMMY SW-20 SIDE WOOD	05	SAMMY SW-20 SIDE WOOD	5.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	10.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	5.	SMITH-COOPER COUPLINGS	5.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-5	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	06	SAMMY SW-20 SIDE WOOD	06	SAMMY SW-20 SIDE WOOD	6.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	11.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	6.	SMITH-COOPER COUPLINGS	6.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-6	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	07	SAMMY SW-20 SIDE WOOD	07	SAMMY SW-20 SIDE WOOD	7.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	12.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	7.	SMITH-COOPER COUPLINGS	7.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-7	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	08	SAMMY SW-20 SIDE WOOD	08	SAMMY SW-20 SIDE WOOD	8.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	13.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	8.	SMITH-COOPER COUPLINGS	8.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-8	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	09	SAMMY SW-20 SIDE WOOD	09	SAMMY SW-20 SIDE WOOD	9.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	14.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	9.	SMITH-COOPER COUPLINGS	9.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-9	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	10	SAMMY SW-20 SIDE WOOD	10	SAMMY SW-20 SIDE WOOD	10.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	15.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	10.	SMITH-COOPER COUPLINGS	10.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-10	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	11	SAMMY SW-20 SIDE WOOD	11	SAMMY SW-20 SIDE WOOD	11.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	16.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	11.	SMITH-COOPER COUPLINGS	11.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-11	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	12	SAMMY SW-20 SIDE WOOD	12	SAMMY SW-20 SIDE WOOD	12.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	17.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	12.	SMITH-COOPER COUPLINGS	12.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-12	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	13	SAMMY SW-20 SIDE WOOD	13	SAMMY SW-20 SIDE WOOD	13.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	18.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	13.	SMITH-COOPER COUPLINGS	13.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-13	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	14	SAMMY SW-20 SIDE WOOD	14	SAMMY SW-20 SIDE WOOD	14.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	19.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	14.	SMITH-COOPER COUPLINGS	14.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-14	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	15	SAMMY SW-20 SIDE WOOD	15	SAMMY SW-20 SIDE WOOD	15.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	20.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	15.	SMITH-COOPER COUPLINGS	15.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-15	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	16	SAMMY SW-20 SIDE WOOD	16	SAMMY SW-20 SIDE WOOD	16.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	21.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	16.	SMITH-COOPER COUPLINGS	16.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-16	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	17	SAMMY SW-20 SIDE WOOD	17	SAMMY SW-20 SIDE WOOD	17.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	22.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	17.	SMITH-COOPER COUPLINGS	17.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-17	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	18	SAMMY SW-20 SIDE WOOD	18	SAMMY SW-20 SIDE WOOD	18.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	23.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	18.	SMITH-COOPER COUPLINGS	18.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-18	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	19	SAMMY SW-20 SIDE WOOD	19	SAMMY SW-20 SIDE WOOD	19.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	24.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	19.	SMITH-COOPER COUPLINGS	19.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-19	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	20	SAMMY SW-20 SIDE WOOD	20	SAMMY SW-20 SIDE WOOD	20.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	25.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	20.	SMITH-COOPER COUPLINGS	20.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-20	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	21	SAMMY SW-20 SIDE WOOD	21	SAMMY SW-20 SIDE WOOD	21.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	26.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	21.	SMITH-COOPER COUPLINGS	21.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-21	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	22	SAMMY SW-20 SIDE WOOD	22	SAMMY SW-20 SIDE WOOD	22.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	27.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	22.	SMITH-COOPER COUPLINGS	22.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-22	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	23	SAMMY SW-20 SIDE WOOD	23	SAMMY SW-20 SIDE WOOD	23.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	28.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	23.	SMITH-COOPER COUPLINGS	23.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-23	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	24	SAMMY SW-20 SIDE WOOD	24	SAMMY SW-20 SIDE WOOD	24.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	29.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	24.	SMITH-COOPER COUPLINGS	24.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-24	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	25	SAMMY SW-20 SIDE WOOD	25	SAMMY SW-20 SIDE WOOD	25.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	30.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	25.	SMITH-COOPER COUPLINGS	25.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-25	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	26	SAMMY SW-20 SIDE WOOD	26	SAMMY SW-20 SIDE WOOD	26.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	31.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	26.	SMITH-COOPER COUPLINGS	26.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-26	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	27	SAMMY SW-20 SIDE WOOD	27	SAMMY SW-20 SIDE WOOD	27.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	32.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	27.	SMITH-COOPER COUPLINGS	27.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-27	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	28	SAMMY SW-20 SIDE WOOD	28	SAMMY SW-20 SIDE WOOD	28.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	33.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	28.	SMITH-COOPER COUPLINGS	28.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-28	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	29	SAMMY SW-20 SIDE WOOD	29	SAMMY SW-20 SIDE WOOD	29.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	34.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	29.	SMITH-COOPER COUPLINGS	29.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-29	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	30	SAMMY SW-20 SIDE WOOD	30	SAMMY SW-20 SIDE WOOD	30.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	35.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	30.	SMITH-COOPER COUPLINGS	30.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-30	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	31	SAMMY SW-20 SIDE WOOD	31	SAMMY SW-20 SIDE WOOD	31.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	36.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	31.	SMITH-COOPER COUPLINGS	31.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-31	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	32	SAMMY SW-20 SIDE WOOD	32	SAMMY SW-20 SIDE WOOD	32.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	37.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	32.	SMITH-COOPER COUPLINGS	32.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-32	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	33	SAMMY SW-20 SIDE WOOD	33	SAMMY SW-20 SIDE WOOD	33.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	38.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	33.	SMITH-COOPER COUPLINGS	33.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-33	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	34	SAMMY SW-20 SIDE WOOD	34	SAMMY SW-20 SIDE WOOD	34.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	39.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	34.	SMITH-COOPER COUPLINGS	34.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-34	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	35	SAMMY SW-20 SIDE WOOD	35	SAMMY SW-20 SIDE WOOD	35.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	40.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	35.	SMITH-COOPER COUPLINGS	35.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-35	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	36	SAMMY SW-20 SIDE WOOD	36	SAMMY SW-20 SIDE WOOD	36.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	41.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	36.	SMITH-COOPER COUPLINGS	36.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-36	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	37	SAMMY SW-20 SIDE WOOD	37	SAMMY SW-20 SIDE WOOD	37.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	42.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	37.	SMITH-COOPER COUPLINGS	37.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-37	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	38	SAMMY SW-20 SIDE WOOD	38	SAMMY SW-20 SIDE WOOD	38.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	43.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	38.	SMITH-COOPER COUPLINGS	38.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-38	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	39	SAMMY SW-20 SIDE WOOD	39	SAMMY SW-20 SIDE WOOD	39.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	44.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	39.	SMITH-COOPER COUPLINGS	39.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-39	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	40	SAMMY SW-20 SIDE WOOD	40	SAMMY SW-20 SIDE WOOD	40.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	45.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	40.	SMITH-COOPER COUPLINGS	40.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-40	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	41	SAMMY SW-20 SIDE WOOD	41	SAMMY SW-20 SIDE WOOD	41.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	46.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	41.	SMITH-COOPER COUPLINGS	41.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-41	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	42	SAMMY SW-20 SIDE WOOD	42	SAMMY SW-20 SIDE WOOD	42.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	47.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	42.	SMITH-COOPER COUPLINGS	42.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-42	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	43	SAMMY SW-20 SIDE WOOD	43	SAMMY SW-20 SIDE WOOD	43.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	48.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	43.	SMITH-COOPER COUPLINGS	43.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-43	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	44	SAMMY SW-20 SIDE WOOD	44	SAMMY SW-20 SIDE WOOD	44.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	49.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	44.	SMITH-COOPER COUPLINGS	44.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-44	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	45	SAMMY SW-20 SIDE WOOD	45	SAMMY SW-20 SIDE WOOD	45.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	50.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	45.	SMITH-COOPER COUPLINGS	45.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-45	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	46	SAMMY SW-20 SIDE WOOD	46	SAMMY SW-20 SIDE WOOD	46.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	51.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	46.	SMITH-COOPER COUPLINGS	46.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-46	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	47	SAMMY SW-20 SIDE WOOD	47	SAMMY SW-20 SIDE WOOD	47.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	52.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	47.	SMITH-COOPER COUPLINGS	47.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-47	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	48	SAMMY SW-20 SIDE WOOD	48	SAMMY SW-20 SIDE WOOD	48.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	53.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	48.	SMITH-COOPER COUPLINGS	48.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-48	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	49	SAMMY SW-20 SIDE WOOD	49	SAMMY SW-20 SIDE WOOD	49.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	54.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	49.	SMITH-COOPER COUPLINGS	49.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-49	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	50	SAMMY SW-20 SIDE WOOD	50	SAMMY SW-20 SIDE WOOD	50.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	55.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	50.	SMITH-COOPER COUPLINGS	50.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-50	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	51	SAMMY SW-20 SIDE WOOD	51	SAMMY SW-20 SIDE WOOD	51.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	56.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	51.	SMITH-COOPER COUPLINGS	51.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-51	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	52	SAMMY SW-20 SIDE WOOD	52	SAMMY SW-20 SIDE WOOD	52.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	57.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	52.	SMITH-COOPER COUPLINGS	52.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-52	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	53	SAMMY SW-20 SIDE WOOD	53	SAMMY SW-20 SIDE WOOD	53.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	58.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	53.	SMITH-COOPER COUPLINGS	53.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-53	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	54	SAMMY SW-20 SIDE WOOD	54	SAMMY SW-20 SIDE WOOD	54.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	59.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	54.	SMITH-COOPER COUPLINGS	54.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-54	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	55	SAMMY SW-20 SIDE WOOD	55	SAMMY SW-20 SIDE WOOD	55.	ALL NEW PIPING SHALL BE HYDROSTATICALLY TESTED AT 225 PSI FOR 2 HOURS W/ NO VISIBLE SIGN OF LEAKAGE.	60.	ALL FLOW AND TAMPERS SHALL BE SUPERSEDED IN ACCORDANCE WITH N.F.P.A. #13 2016	55.	SMITH-COOPER COUPLINGS	55.	DESCRIPTION	BY	DATE	SYMBOL	QTY	DESCRIPTION
D-55	DENOTES CENTERLINE OF PIPE BELOW FIRE CEILING	56	SAMMY SW-20 SIDE WOOD	56														