

Project:

Address:

Scope: Plumbing & Sprinkler

Date: 5/1/2024



SR #	REF	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	MATERIAL RATE	LABOR RATE	EQUIPMENT RATE	MATERIAL COSTS	LABOR COSTS	EQUIPMENT COSTS	SUB COST
1000 GENERAL REQUIREMENTS													
1		Supervision and Coordination	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
2		Submittals and Shop drawings	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
3		Final Cleaning	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
4		Mobilization Costs	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5		Bond @ 2%	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6		Temporary Control & Facilities	1.00	LS	0%	1.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
7		Scaffolding	1.00	LS	0%	1.00	\$1.00	\$0.00	\$0.00	\$1.00	\$0.00	\$0.00	\$1.00
SUBTOTAL													\$1.00
21000 Division 21 - FIRE SUPPRESSION													
Sprinkler Pipework													
8		(1-2" Dia) Stand Pipe	10.65	LF	5%	11.18	\$4.80	\$1.80	\$0.00	\$53.68	\$20.13	\$0.00	\$73.80
9		(1-1/2" Dia) Stand Pipe	1,835.00	LF	5%	1926.75	\$7.20	\$2.80	\$0.00	\$13,872.60	\$5,394.90	\$0.00	\$19,267.50
10		(1-1/4" Dia) Stand Pipe	4,182.00	LF	5%	4391.10	\$6.50	\$2.50	\$0.00	\$28,542.15	\$10,977.75	\$0.00	\$39,519.90
11		(1" Dia) Stand Pipe	14,634.00	LF	5%	15365.70	\$5.80	\$2.20	\$0.00	\$89,121.06	\$33,804.54	\$0.00	\$122,925.60
12		(2" Dia) Stand Pipe	1,070.00	LF	5%	1123.50	\$11.40	\$3.50	\$0.00	\$12,807.90	\$3,932.25	\$0.00	\$16,740.15
13		(3" Dia) Stand Pipe	2,484.00	LF	5%	2608.20	\$15.60	\$4.20	\$0.00	\$40,677.92	\$10,954.44	\$0.00	\$51,642.36
14		(4" Dia) Stand Pipe	3,162.00	LF	5%	3320.10	\$19.40	\$4.80	\$0.00	\$64,400.94	\$15,936.48	\$0.00	\$80,346.42
15		(6" Dia) Stand Pipe	654.00	LF	5%	686.70	\$25.60	\$5.50	\$0.00	\$17,579.52	\$3,776.85	\$0.00	\$21,356.37
16		(8" Dia) Stand Pipe	216.00	LF	5%	226.80	\$31.40	\$7.00	\$0.00	\$7,121.52	\$1,451.52	\$0.00	\$8,573.04
17		(1-1/2" Dia) Vent Pipe	47.28	LF	5%	49.64	\$7.40	\$2.80	\$0.00	\$367.37	\$139.00	\$0.00	\$506.37
18		(2" Dia) Vent Pipe	297.82	LF	5%	312.71	\$11.60	\$3.50	\$0.00	\$3,627.45	\$1,094.49	\$0.00	\$4,721.94
19		(4" Dia) Vent Pipe	14.32	LF	5%	15.04	\$19.80	\$3.90	\$0.00	\$297.71	\$72.17	\$0.00	\$369.89
Insulated Pipes													
20		(2" Dia) Insulated Stand Pipe	60.87	LF	5%	63.91	\$12.20	\$3.50	\$0.00	\$779.74	\$223.70	\$0.00	\$1,003.44
21		(8" Dia) Insulated Fire Pipe	136.48	LF	5%	143.30	\$33.60	\$6.50	\$0.00	\$4,815.01	\$931.48	\$0.00	\$5,746.49
Fire Pipe													
22		(2" Dia) Fire Pipe	66.79	LF	5%	70.13	\$11.50	\$3.50	\$0.00	\$806.49	\$245.45	\$0.00	\$1,051.94
23		(8" Dia) Fire Pipe	767.75	LF	5%	806.14	\$6.20	\$6.50	\$0.00	\$25,957.63	\$5,239.89	\$0.00	\$31,197.52
Fittings													
Tee													
24		(1-1/2" Dia Vs 4" Dia Vs 4" Dia vs 1-1/2") Tee	2.00	EA	0%	2.00	\$38.00	\$20.00	\$0.00	\$76.00	\$40.00	\$0.00	\$116.00
25		(1-1/2" Dia Vs 1-1/2" Dia Vs 1-1/4" Dia) Tee	1.00	EA	0%	1.00	\$32.50	\$20.00	\$0.00	\$32.50	\$20.00	\$0.00	\$52.50
26		(1-1/2" Dia Vs 4" Dia Vs 4" Dia vs 1") Tee	4.00	EA	0%	4.00	\$40.00	\$20.00	\$0.00	\$160.00	\$80.00	\$0.00	\$240.00
27		(1-1/2" Dia vs 1-1/2" Dia vs 1" Dia) Tee	36.00	EA	0%	36.00	\$31.50	\$20.00	\$0.00	\$1,134.00	\$720.00	\$0.00	\$1,854.00
28		(1-1/2" Dia vs 1-1/4" Dia vs 1-1/2" Dia) Tee	3.00	EA	0%	3.00	\$32.50	\$20.00	\$0.00	\$97.50	\$60.00	\$0.00	\$157.50
29		(1-1/2" Dia vs 1-1/2" Dia vs 1-1/2" Dia) Tee	3.00	EA	0%	3.00	\$31.50	\$20.00	\$0.00	\$94.50	\$60.00	\$0.00	\$154.50
30		(1-1/2" Dia Vs 1-1/2" Dia Vs 2" Dia) Tee	1.00	EA	0%	1.00	\$34.80	\$20.00	\$0.00	\$34.80	\$20.00	\$0.00	\$54.80
31		(1-1/2" Dia Vs 4" Dia Vs 4" Dia) Tee	27.00	EA	0%	27.00	\$38.00	\$20.00	\$0.00	\$1,026.00	\$540.00	\$0.00	\$1,566.00
32		(1-1/2" Dia Vs 4" Dia Vs 4" Dia) Tee	6.00	EA	0%	6.00	\$38.00	\$20.00	\$0.00	\$228.00	\$120.00	\$0.00	\$348.00
33		(1-1/4" Dia Vs 4" Dia Vs 4" Dia vs 1-1/2") Tee	3.00	EA	0%	3.00	\$39.50	\$20.00	\$0.00	\$118.50	\$60.00	\$0.00	\$178.50
34		(1-1/4" Dia Vs 4" Dia Vs 4" Dia vs 1") Tee	9.00	EA	0%	9.00	\$36.40	\$20.00	\$0.00	\$327.60	\$180.00	\$0.00	\$507.60
35		(1-1/4" Dia Vs 1-1/2" Dia Vs 2" Dia) Tee	10.00	EA	0%	10.00	\$32.50	\$20.00	\$0.00	\$325.00	\$200.00	\$0.00	\$525.00
36		(1-1/4" Dia Vs 1" Dia Vs 4" Dia) Tee	1.00	EA	0%	1.00	\$30.60	\$20.00	\$0.00	\$30.60	\$20.00	\$0.00	\$50.60
37		(1" Dia vs 1" Dia vs 1" Dia vs 1-1/2" Dia) Tee	3.00	EA	0%	3.00	\$28.40	\$20.00	\$0.00	\$85.20	\$60.00	\$0.00	\$145.20
38		(1" Dia vs 1" Dia vs 1" Dia vs 1-1/4" Dia) Tee	64.00	EA	0%	64.00	\$29.50	\$20.00	\$0.00	\$1,888.00	\$1,280.00	\$0.00	\$3,168.00
39		(1" Dia vs 1-1/4" Dia vs 1-1/2" Dia) Tee	46.00	EA	0%	46.00	\$32.40	\$20.00	\$0.00	\$1,490.40	\$920.00	\$0.00	\$2,410.40
40		(1" Dia vs 1-1/4" Dia vs 1-1/4" Dia) Tee	1.00	EA	0%	1.00	\$34.80	\$20.00	\$0.00	\$34.80	\$20.00	\$0.00	\$54.80
41		(1" Dia vs 1" Dia vs 1-1/4" Dia) Tee	205.00	EA	0%	205.00	\$29.50	\$20.00	\$0.00	\$6,047.50	\$4,100.00	\$0.00	\$10,147.50
42		(1" Dia Vs 4" Dia Vs 4" Dia vs 1") Tee	14.00	EA	0%	14.00	\$35.40	\$20.00	\$0.00	\$495.60	\$280.00	\$0.00	\$775.60
43		(1" Dia vs 1" Dia vs 1-1/2" Dia) Tee	16.00	EA	0%	16.00	\$28.40	\$20.00	\$0.00	\$454.40	\$320.00	\$0.00	\$774.40
44		(1" Dia vs 1" Dia vs 1" Dia vs 1") Tee	3.00	EA	0%	3.00	\$26.40	\$20.00	\$0.00	\$79.20	\$60.00	\$0.00	\$139.20
45		(1" Dia vs 1" Dia vs 1" Dia) Tee	444.00	EA	0%	444.00	\$26.40	\$20.00	\$0.00	\$11,721.60	\$8,880.00	\$0.00	\$20,601.60
46		(2" Dia vs 1-1/2" Dia vs 2" Dia) Tee	1.00	EA	0%	1.00	\$36.50	\$20.00	\$0.00	\$36.50	\$20.00	\$0.00	\$56.50
47		(2" Dia vs 1-1/4" Dia vs 1-1/4" Dia) Tee	1.00	EA	0%	1.00	\$35.60	\$20.00	\$0.00	\$35.60	\$20.00	\$0.00	\$55.60
48		(2" Dia vs 2" Dia vs 1-1/4" Dia) Tee	3.00	EA	0%	3.00	\$36.50	\$20.00	\$0.00	\$109.50	\$60.00	\$0.00	\$169.50
49		(2" Dia vs 1" Dia vs 1-1/2" Dia) Tee	33.00	EA	0%	33.00	\$34.50	\$20.00	\$0.00	\$1,138.50	\$660.00	\$0.00	\$1,798.50
50		(2" Dia vs 2" Dia vs 1" Dia) Tee	14.00	EA	0%	14.00	\$38.20	\$20.00	\$0.00	\$534.80	\$280.00	\$0.00	\$814.80
51		(2" Dia Vs 2" Dia Vs 8" Dia) Tee	3.00	EA	0%	3.00	\$44.80	\$20.00	\$0.00	\$134.40	\$60.00	\$0.00	\$194.40
52		(2" Dia vs 2" Dia vs 4") Tee	2.00	EA	0%	2.00	\$38.20	\$20.00	\$0.00	\$76.40	\$40.00	\$0.00	\$116.40
53		(3" Dia vs 2" Dia vs 1" Dia) Tee	9.00	EA	0%	9.00	\$38.40	\$20.00	\$0.00	\$345.60	\$180.00	\$0.00	\$525.60
54		(3" Dia vs 3" Dia vs 1" Dia) Tee	223.00	EA	0%	223.00	\$41.40	\$20.00	\$0.00	\$9,232.20	\$4,460.00	\$0.00	\$13,692.20
55		(3" Dia vs 3" Dia vs 2" Dia) Tee	20.00	EA	0%	20.00	\$42.50	\$20.00	\$0.00	\$850.00	\$400.00	\$0.00	\$1,250.00
56		(3" Dia vs 2" Dia vs 1-1/4" Dia) Tee	14.00	EA	0%	14.00	\$39.20	\$20.00	\$0.00	\$548.80	\$280.00	\$0.00	\$828.80
57		(3" Dia vs 3" Dia vs 1-1/4" Dia) Tee	160.00	EA	0%	160.00	\$41.30	\$20.00	\$0.00	\$6,608.00	\$3,200.00	\$0.00	\$9,808.00
58		(3" Dia vs 3" Dia vs 1-1/2" Dia) Tee	25.00	EA	0%	25.00	\$41.80	\$20.00	\$0.00	\$1,045.00	\$500.00	\$0.00	\$1,545.00
59		(3" Dia vs 2" Dia vs 1-1/2" Dia) Tee	16.00	EA	0%	16.00	\$38.20	\$20.00	\$0.00	\$611.20	\$320.00	\$0.00	\$931.20
60		(3" Dia vs 1" Dia vs 1-1/2") Tee	1.00	EA	0%	1.00	\$37.20	\$20.00	\$0.00	\$37.20	\$20.00	\$0.00	\$57.20
61		(4" Dia vs 4" Dia vs 1-1/4" Dia) Tee	99.00	EA	0%	99.00	\$42.40	\$20.00	\$0.00	\$4,197.60	\$1,980.00	\$0.00	\$6,177.60
62		(4" Dia vs 3" Dia vs 1-1/2" Dia) Tee	1.00	EA	0%	1.00	\$40.60	\$20.00	\$0.00	\$40.60	\$20.00	\$0.00	\$60.60
63		(4" Dia vs 3" Dia vs 1-1/4" Dia) Tee	17.00	EA	0%	17.00	\$41.50	\$20.00	\$0.00	\$705.50	\$340.00	\$0.00	\$1,045.50
64		(4" Dia vs 4" Dia vs 1" Dia) Tee	137.00	EA	0%	137.00	\$40.80	\$20.00	\$0.00	\$5,589.60	\$2,740.00	\$0.00	\$8,329.60
65		(4" Dia vs 3" Dia vs 2" Dia) Tee	1.00	EA	0%	1.00	\$40.50	\$20.00	\$0.00	\$40.50	\$20.00	\$0.00	\$60.50
66		(4" Dia vs 6" Dia vs 6" Dia) Tee	1.00	EA	0%	1.00	\$45.60	\$20.00	\$0.00	\$45.60	\$20.00	\$0.00	\$65.60
67		(4" Dia vs 4" Dia vs 6" Dia) Tee	1.00	EA	0%	1.00	\$43.60	\$20.00	\$0.00	\$43.60	\$20.00	\$0.00	\$63.60
68		(4" Dia vs 4" Dia vs 3" Dia) Tee	14.00	EA	0%	14.00	\$42.50	\$20.00	\$0.00	\$595.00	\$280.00	\$0.00	\$875.00
69		(4" Dia vs 4" Dia vs 1" Dia) Tee	66.00	EA	0%	66.00	\$40.20	\$20.00	\$0.00	\$2,653.20	\$1,320.00	\$0.00	\$3,973.20
70		(4" Dia Vs 4" Dia Vs 2" Dia) Tee	2.00	EA	0%	2.00	\$41.60	\$20.00	\$0.00	\$83.20	\$40.00	\$0.00	\$123.20
71		(4" Dia vs 1" Dia vs 1" Dia) Tee	40.00	EA	0%	40.00	\$38.50	\$20.00	\$0.00	\$1,540.00	\$800.00	\$0.00	\$2,340.00
72		(4" Dia vs 4" Dia vs 4" Dia) Tee	9.00	EA	0%	9.00	\$43.60	\$20.00	\$0.00	\$392.40	\$180.00	\$0.00	\$572.40
73		(8" Dia vs 8" Dia Vs 8" Dia) Tee	5.00	EA	0%	5.00	\$52.50	\$20.00	\$0.00	\$262.50	\$100.00	\$0.00	\$362.50
74		(8" Dia Vs 8" Dia Vs 4" Dia) Tee	1.00	EA	0%	1.00	\$47.50	\$20.00	\$0.00	\$47.50	\$20.00	\$0.00	\$67.50
45 Degree Elbow													
75		(2" Dia 45 Degree) Elbow	3.00	EA	0%	3.00	\$44.00	\$18.00	\$0.00	\$132.00	\$54.00	\$0.00	\$186.00
76		(1" Dia 45 Degree) Elbow	18.00	EA	0%	18.00	\$42.50	\$18.00	\$0.00	\$765.00			

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80		(1" Dia 90 Degree) Elbow	474.00	EA	0%	474.00	\$42.50	\$18.00	\$0.00	\$20,145.00	\$8,532.00	\$0.00	\$28,677.00
81		(2" Dia 90 Degree) Elbow	39.00	EA	0%	39.00	\$44.00	\$18.00	\$0.00	\$1,716.00	\$702.00	\$0.00	\$2,418.00
82		(3" Dia 90 Degree) Elbow	5.00	EA	0%	5.00	\$45.40	\$18.00	\$0.00	\$227.00	\$90.00	\$0.00	\$317.00
83		(4" Dia 90 Degree) Elbow	12.00	EA	0%	12.00	\$46.20	\$18.00	\$0.00	\$554.40	\$216.00	\$0.00	\$770.40
84		(6" Dia 90 Degree) Elbow	4.00	EA	0%	4.00	\$48.50	\$18.00	\$0.00	\$194.00	\$72.00	\$0.00	\$266.00
85		(8" Dia 90 Degree) Elbow	16.00	EA	0%	16.00	\$50.50	\$18.00	\$0.00	\$808.00	\$288.00	\$0.00	\$1,096.00
		Sprinkler Head											
86		New Extended Sidewall Sprinkler Head - Mfg: GFR Quick Response - Model: BS&A# 587-75-SA, MEA #258-93-E	191.00	EA	0%	191.00	\$145.00	\$60.00	\$0.00	\$27,695.00	\$11,460.00	\$0.00	\$39,155.00
87		Sidewall Sprinkler Head - Mfg: GFR Quick Response - Model: BS&A# 587-75-SA, MEA #258-93-E	942.00	EA	0%	942.00	\$130.00	\$60.00	\$0.00	\$122,460.00	\$56,520.00	\$0.00	\$178,980.00
88		Upright Sprinkler Head - Mfg: GFR Quick Response - Model: BS&A# 587-75-SA, MEA #258-93-E	399.00	EA	0%	399.00	\$75.00	\$35.00	\$0.00	\$29,925.00	\$13,965.00	\$0.00	\$43,890.00
89		New Concealed Sprinkler Head	1,742.00	EA	0%	1742.00	\$80.00	\$35.00	\$0.00	\$139,360.00	\$60,970.00	\$0.00	\$200,330.00
		Jockey Pump											
90		Jockey Pump - 10GPM, 145 PSI, 3HP	1.00	EA	0%	1.00	\$680.00	\$120.00	\$0.00	\$680.00	\$120.00	\$0.00	\$800.00
		Fire Pump											
91		Fire Pump - 1000 GPM, 135PSI, 125HP	1.00	EA	0%	1.00	\$15,500.00	\$450.00	\$0.00	\$15,500.00	\$450.00	\$0.00	\$15,950.00
		Sprinkler Accessories											
92		RCV-1 - New O.S & Y Control Valve With Tamper Switch	1.00	EA	0%	1.00	\$560.00	\$90.00	\$0.00	\$560.00	\$90.00	\$0.00	\$650.00
93		RCV-2 - New O.S & Y Control Valve With Tamper Switch	1.00	EA	0%	1.00	\$560.00	\$90.00	\$0.00	\$560.00	\$90.00	\$0.00	\$650.00
94		RCV-3 - New O.S & Y Control Valve With Tamper Switch	1.00	EA	0%	1.00	\$560.00	\$90.00	\$0.00	\$560.00	\$90.00	\$0.00	\$650.00
95		RCV-4 - New O.S & Y Control Valve With Tamper Switch	1.00	EA	0%	1.00	\$560.00	\$90.00	\$0.00	\$560.00	\$90.00	\$0.00	\$650.00
96		(2) 1/2" Fire Hose Angle Valve W/ Cap & Chain	56.00	EA	0%	56.00	\$240.00	\$70.00	\$0.00	\$13,440.00	\$3,920.00	\$0.00	\$17,360.00
97		8" Control Valve(OS & Y W/ Tamper Switch)	1.00	EA	0%	1.00	\$4,240.00	\$450.00	\$0.00	\$4,240.00	\$450.00	\$0.00	\$4,690.00
98		FCVA - 4" Floor Control Valve Assembly	30.00	EA	0%	30.00	\$2,860.00	\$350.00	\$0.00	\$85,800.00	\$10,500.00	\$0.00	\$96,300.00
99		6" Meter Inlet Control Valve (MICV)	1.00	EA	0%	1.00	\$8,200.00	\$650.00	\$0.00	\$8,200.00	\$650.00	\$0.00	\$8,850.00
100		Manual Air Release Bleed Valve	1.00	EA	0%	1.00	\$85.00	\$35.00	\$0.00	\$85.00	\$35.00	\$0.00	\$120.00
101		2 1/2" Fire Hose Angle Valve	56.00	EA	0%	56.00	\$185.00	\$50.00	\$0.00	\$10,360.00	\$2,800.00	\$0.00	\$13,160.00
102		8" Check Control Valve	1.00	EA	0%	1.00	\$1,540.00	\$120.00	\$0.00	\$1,540.00	\$120.00	\$0.00	\$1,660.00
103		8" Check Valve W/ ABD	2.00	EA	0%	2.00	\$3,420.00	\$240.00	\$0.00	\$6,840.00	\$480.00	\$0.00	\$7,320.00
104		6" Check Valve W/ ABD	1.00	EA	0%	1.00	\$2,750.00	\$240.00	\$0.00	\$2,750.00	\$240.00	\$0.00	\$2,990.00
105		6" House Control Valve	3.00	EA	0%	3.00	\$3,420.00	\$220.00	\$0.00	\$10,260.00	\$660.00	\$0.00	\$10,920.00
106		8" Alarm Check Valve	1.00	EA	0%	1.00	\$2,650.00	\$280.00	\$0.00	\$2,650.00	\$280.00	\$0.00	\$2,930.00
107		New 4" Drypipe Valve	1.00	EA	0%	1.00	\$175.00	\$40.00	\$0.00	\$175.00	\$40.00	\$0.00	\$215.00
108		Riser Control Valve	2.00	EA	0%	2.00	\$245.00	\$40.00	\$0.00	\$490.00	\$80.00	\$0.00	\$570.00
109		New Drain Valve	26.00	EA	0%	26.00	\$640.00	\$45.00	\$0.00	\$16,640.00	\$1,170.00	\$0.00	\$17,810.00
110		6" Check Valve	1.00	EA	0%	1.00	\$580.00	\$80.00	\$0.00	\$580.00	\$80.00	\$0.00	\$660.00
111		Shut-Off Valve	35.00	EA	0%	35.00	\$135.00	\$40.00	\$0.00	\$4,725.00	\$1,400.00	\$0.00	\$6,125.00
112		Section Valve	4.00	EA	0%	4.00	\$180.00	\$40.00	\$0.00	\$720.00	\$160.00	\$0.00	\$880.00
113		Check Valve	1.00	EA	0%	1.00	\$130.00	\$40.00	\$0.00	\$130.00	\$40.00	\$0.00	\$170.00
114		Timer Valve	1.00	EA	0%	1.00	\$140.00	\$40.00	\$0.00	\$140.00	\$40.00	\$0.00	\$180.00
115		Strainer	1.00	EA	0%	1.00	\$55.00	\$20.00	\$0.00	\$55.00	\$20.00	\$0.00	\$75.00
		Others											
116		6"x3"x3" Fire Department Connection (Flush Type)	2.00	EA	0%	2.00	\$110.00	\$40.00	\$0.00	\$220.00	\$80.00	\$0.00	\$300.00
117		Extend Temporary Siamese Connection	2.00	EA	0%	2.00	\$230.00	\$60.00	\$0.00	\$460.00	\$120.00	\$0.00	\$580.00
118		Three-Way Fire Pump Test Connection	1.00	EA	0%	1.00	\$360.00	\$80.00	\$0.00	\$360.00	\$80.00	\$0.00	\$440.00
119		Roof Manifold 65 PSI Min.	4.00	EA	0%	4.00	\$110.00	\$35.00	\$0.00	\$440.00	\$140.00	\$0.00	\$580.00
120		Fire Hose in Cabinet	1.00	EA	0%	1.00	\$115.00	\$45.00	\$0.00	\$115.00	\$45.00	\$0.00	\$160.00
121		Electric Alarm Gong	1.00	EA	0%	1.00	\$75.00	\$30.00	\$0.00	\$75.00	\$30.00	\$0.00	\$105.00
122		Pressure Gauge	10.00	EA	0%	10.00	\$35.00	\$20.00	\$0.00	\$350.00	\$200.00	\$0.00	\$550.00
123		Compressor	1.00	EA	0%	1.00	\$120.00	\$50.00	\$0.00	\$120.00	\$50.00	\$0.00	\$170.00
124		6" RPZA	1.00	EA	0%	1.00	\$345.00	\$80.00	\$0.00	\$345.00	\$80.00	\$0.00	\$425.00
125		8" RPDA	1.00	EA	0%	1.00	\$420.00	\$80.00	\$0.00	\$420.00	\$80.00	\$0.00	\$500.00
126		PS-1	1.00	EA	0%	1.00	\$550.00	\$90.00	\$0.00	\$550.00	\$90.00	\$0.00	\$640.00
127		PS-2	1.00	EA	0%	1.00	\$550.00	\$90.00	\$0.00	\$550.00	\$90.00	\$0.00	\$640.00
		Meter											
128		6" Water Meter	1.00	EA	0%	1.00	\$470.00	\$80.00	\$0.00	\$470.00	\$80.00	\$0.00	\$550.00
SUBTOTAL													\$1,227,540.53
22000 Division 22 - PLUMBING													
		Fixture											
129		Water Closet	404.00	EA	0%	404.00	\$880.00	\$130.00	\$0.00	\$355,520.00	\$52,520.00	\$0.00	\$408,040.00
130		Lavatory	405.00	EA	0%	405.00	\$750.00	\$130.00	\$0.00	\$303,750.00	\$52,650.00	\$0.00	\$356,400.00
131		Bath Tub	386.00	EA	0%	386.00	\$1,820.00	\$240.00	\$0.00	\$702,520.00	\$92,640.00	\$0.00	\$795,160.00
132		Shower Head	14.00	EA	0%	14.00	\$380.00	\$90.00	\$0.00	\$5,320.00	\$1,260.00	\$0.00	\$6,580.00
133		Kitchen Sink	365.00	EA	0%	365.00	\$780.00	\$130.00	\$0.00	\$284,700.00	\$47,450.00	\$0.00	\$332,150.00
134		Service Sink	1.00	EA	0%	1.00	\$780.00	\$130.00	\$0.00	\$162,329.23	\$60,873.46	\$0.00	\$223,202.69
135		HS - Sink Type	4.00	EA	0%	4.00	\$820.00	\$130.00	\$0.00	\$45,635.12	\$16,732.88	\$0.00	\$62,368.00
136		Dish Washer	365.00	EA	0%	365.00	\$950.00	\$160.00	\$0.00	\$346,750.00	\$58,400.00	\$0.00	\$405,150.00
		Pipework											
137		(3/4" Dia) Hot Water Return Pipe	18,060.78	LF	5%	18963.82	\$4.80	\$1.80	\$0.00	\$91,026.33	\$34,134.87	\$0.00	\$125,161.21
138		(1" Dia) Hot Water Return Pipe	7,747.37	LF	5%	8134.74	\$6.00	\$2.20	\$0.00	\$48,808.43	\$17,896.42	\$0.00	\$66,704.86
139		(1-1/4" Dia) Hot Water Pipe	1,206.23	LF	5%	1266.54	\$7.20	\$2.30	\$0.00	\$9,119.10	\$2,913.05	\$0.00	\$12,032.14
140		(1-1/2" Dia) Hot Water Pipe	1,595.94	LF	5%	1675.74	\$8.40	\$2.50	\$0.00	\$14,076.19	\$4,189.34	\$0.00	\$18,265.53
141		(3/4" Dia) Hot Water Pipe	32,208.18	LF	5%	33818.59	\$4.80	\$1.80	\$0.00	\$162,329.23	\$60,873.46	\$0.00	\$223,202.69
142		(1" Dia) Hot Water Pipe	7,243.67	LF	5%	7605.85	\$6.00	\$2.20	\$0.00	\$45,635.12	\$16,732.88	\$0.00	\$62,368.00
143		(2" Dia) Hot Water Pipe	2,460.43	LF	5%	2583.45	\$11.40	\$3.00	\$0.00	\$29,451.35	\$7,750.35	\$0.00	\$37,201.70
144		(3" Dia) Hot Water Pipe	2,271.94	LF	5%	2385.54	\$15.50	\$3.50	\$0.00	\$36,975.82	\$8,349.38	\$0.00	\$45,325.20
145		(4" Dia) Hot Water Pipe	379.59	LF	5%	398.57	\$18.60	\$4.50	\$0.00	\$7,413.39	\$1,594.28	\$0.00	\$9,007.67
146		(1-1/4" Dia) Cold Water Pipe	1,264.00	LF	5%	1327.20	\$7.20	\$2.30	\$0.00	\$9,555.84	\$3,052.56	\$0.00	\$12,608.40

Project:

Address:

Scope: Plumbing & Sprinkler

Date: 5/1/2024



SR #	REF	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	MATERIAL RATE	LABOR RATE	EQUIPMENT RATE	MATERIAL COSTS	LABOR COSTS	EQUIPMENT COSTS	SUB COST
147		(1-1/2" Dia) Cold Water Pipe	1,301.73	LF	5%	1366.82	\$8.40	\$2.50	\$0.00	\$11,481.26	\$3,417.04	\$0.00	\$14,898.30
148		(3/4" Dia) Cold Water Pipe	41,159.17	LF	5%	43217.13	\$4.80	\$1.80	\$0.00	\$207,442.22	\$77,790.83	\$0.00	\$285,233.05
149		(1" Dia) Cold Water Pipe	7,080.62	LF	5%	7434.65	\$6.00	\$2.20	\$0.00	\$44,607.91	\$16,356.23	\$0.00	\$60,964.14
150		(2" Dia) Cold Water Pipe	2,475.82	LF	5%	2599.61	\$11.40	\$3.00	\$0.00	\$29,635.57	\$7,798.83	\$0.00	\$37,434.40
151		(3" Dia) Cold Water Pipe	2,238.87	LF	5%	2350.81	\$15.50	\$3.50	\$0.00	\$36,437.61	\$8,227.85	\$0.00	\$44,665.46
152		(4" Dia) Cold Water Pipe	1,399.98	LF	5%	1469.98	\$18.60	\$4.00	\$0.00	\$27,341.61	\$5,879.92	\$0.00	\$33,221.53
153		(6" Dia) Cold Water Pipe	256.08	LF	5%	268.88	\$24.50	\$5.50	\$0.00	\$6,587.66	\$1,478.86	\$0.00	\$8,066.52
154		(10" Dia) Storm Line Pipe	21.83	LF	5%	22.92	\$35.80	\$7.50	\$0.00	\$820.59	\$171.91	\$0.00	\$992.50
155		(8" Dia) Storm Line Pipe	49.29	LF	5%	51.75	\$28.60	\$6.50	\$0.00	\$1,480.18	\$336.40	\$0.00	\$1,816.58
156		(4" Dia) Storm Line Pipe	2,574.66	LF	5%	2703.39	\$18.60	\$4.00	\$0.00	\$50,283.11	\$10,813.57	\$0.00	\$61,096.68
157		(6" Dia) Storm Line Pipe	1,392.83	LF	5%	1462.47	\$24.50	\$5.50	\$0.00	\$35,830.55	\$8,043.59	\$0.00	\$43,874.15
158		(1" Dia) Gas Pipe	60.26	LF	5%	63.27	\$6.00	\$2.20	\$0.00	\$379.64	\$139.20	\$0.00	\$518.84
159		(2" Dia) Gas Pipe	103.32	LF	5%	108.49	\$11.40	\$4.00	\$0.00	\$1,236.74	\$433.94	\$0.00	\$1,670.68
160		(3" Dia) Gas Pipe	586.43	LF	5%	615.75	\$15.80	\$5.80	\$0.00	\$9,728.87	\$3,571.36	\$0.00	\$13,300.23
161		(4" Dia) Gas Pipe	80.67	LF	5%	84.70	\$19.00	\$6.50	\$0.00	\$1,609.37	\$550.57	\$0.00	\$2,159.94
162		(1 1/4" Dia) Gas Pipe	44.82	LF	5%	47.06	\$7.60	\$2.50	\$0.00	\$357.66	\$117.65	\$0.00	\$475.32
163		(1 1/2" Dia) Gas Pipe	34.04	LF	5%	35.74	\$8.80	\$2.60	\$0.00	\$314.53	\$92.93	\$0.00	\$407.46
		Fittings											
		Tee											
164		(1-1/4" vs 1-1/4" vs 1-1/4") Tee	1.00	EA	0%	1.00	\$38.00	\$20.00	\$0.00	\$38.00	\$20.00	\$0.00	\$58.00
165		(1" vs 1-1/2" vs 1-1/2") Tee	58.00	EA	0%	58.00	\$35.50	\$20.00	\$0.00	\$2,059.00	\$1,160.00	\$0.00	\$3,219.00
166		(3/4" vs 3/4" vs 1-1/4") Tee	3.00	EA	0%	3.00	\$34.60	\$20.00	\$0.00	\$103.80	\$60.00	\$0.00	\$163.80
167		(1-1/4" vs 1-1/4" vs 1") Tee	64.00	EA	0%	64.00	\$37.20	\$20.00	\$0.00	\$2,380.80	\$1,280.00	\$0.00	\$3,660.80
168		(1-1/4" vs 3" vs 1-1/2" vs 1") Tee	26.00	EA	0%	26.00	\$36.50	\$20.00	\$0.00	\$949.00	\$520.00	\$0.00	\$1,469.00
169		(1 1/4" vs 1 1/4" vs 1") Tee	2.00	EA	0%	2.00	\$37.20	\$20.00	\$0.00	\$74.40	\$40.00	\$0.00	\$114.40
170		(1-1/4" vs 3/4" vs 1") Tee	1.00	EA	0%	1.00	\$34.50	\$20.00	\$0.00	\$34.50	\$20.00	\$0.00	\$54.50
171		(1 1/4" vs 1 1/2" vs 1") Tee	1.00	EA	0%	1.00	\$36.50	\$20.00	\$0.00	\$36.50	\$20.00	\$0.00	\$56.50
172		(1-1/2" vs 1-1/2" vs 1") Tee	7.00	EA	0%	7.00	\$36.50	\$20.00	\$0.00	\$255.50	\$140.00	\$0.00	\$395.50
173		(1 1/2" vs 3" vs 3") Tee	1.00	EA	0%	1.00	\$40.00	\$20.00	\$0.00	\$40.00	\$20.00	\$0.00	\$60.00
174		(1 1/2" vs 1 1/2" vs 1") Tee	2.00	EA	0%	2.00	\$36.50	\$20.00	\$0.00	\$73.00	\$40.00	\$0.00	\$113.00
175		(2" vs 2" vs 1 1/2") Tee	1,446.00	EA	0%	1446.00	\$38.40	\$20.00	\$0.00	\$55,526.40	\$28,920.00	\$0.00	\$84,446.40
176		(3/4" vs 3/4" vs 3/4") Tee	2,394.00	EA	0%	2394.00	\$32.40	\$20.00	\$0.00	\$77,565.60	\$47,880.00	\$0.00	\$125,445.60
177		(3" vs 3" vs 1-1/4") Tee	2.00	EA	0%	2.00	\$42.80	\$20.00	\$0.00	\$85.60	\$40.00	\$0.00	\$125.60
178		(2" vs 2" vs 1-1/4") Tee	2.00	EA	0%	2.00	\$40.60	\$20.00	\$0.00	\$81.20	\$40.00	\$0.00	\$121.20
179		(2" vs 1" vs 1-1/4") Tee	4.00	EA	0%	4.00	\$40.40	\$20.00	\$0.00	\$161.60	\$80.00	\$0.00	\$241.60
180		(3/4" vs 3/4" vs 1") Tee	3.00	EA	0%	3.00	\$38.50	\$20.00	\$0.00	\$115.50	\$60.00	\$0.00	\$175.50
181		(1" vs 1" vs 1-1/4") Tee	39.00	EA	0%	39.00	\$38.50	\$20.00	\$0.00	\$1,501.50	\$780.00	\$0.00	\$2,281.50
182		(1-1/2" vs 1" vs 2") Tee	16.00	EA	0%	16.00	\$40.80	\$20.00	\$0.00	\$652.80	\$320.00	\$0.00	\$972.80
183		(6" vs 3/4" vs 3/4") Tee	1.00	EA	0%	1.00	\$42.60	\$20.00	\$0.00	\$42.60	\$20.00	\$0.00	\$62.60
184		(3/4" vs 3/4" vs 1") Tee	938.00	EA	0%	938.00	\$40.40	\$20.00	\$0.00	\$37,895.20	\$18,760.00	\$0.00	\$56,655.20
185		(6" vs 6" vs 1-1/4") Tee	1.00	EA	0%	1.00	\$44.50	\$20.00	\$0.00	\$44.50	\$20.00	\$0.00	\$64.50
186		(2" vs 2" vs 1-1/2") Tee	10.00	EA	0%	10.00	\$37.60	\$20.00	\$0.00	\$376.00	\$200.00	\$0.00	\$576.00
187		(1" vs 1" vs 3/4") Tee	180.00	EA	0%	180.00	\$36.20	\$20.00	\$0.00	\$6,516.00	\$3,600.00	\$0.00	\$10,116.00
188		(3/4" vs 1" vs 1") Tee	4.00	EA	0%	4.00	\$35.50	\$20.00	\$0.00	\$142.00	\$80.00	\$0.00	\$222.00
189		(6" vs 6" vs 3/4") Tee	6.00	EA	0%	6.00	\$44.80	\$20.00	\$0.00	\$268.80	\$120.00	\$0.00	\$388.80
190		(4" vs 3" vs 3/4") Tee	1.00	EA	0%	1.00	\$40.60	\$20.00	\$0.00	\$40.60	\$20.00	\$0.00	\$60.60
191		(2" vs 2" vs 3/4") Tee	6.00	EA	0%	6.00	\$38.60	\$20.00	\$0.00	\$231.60	\$120.00	\$0.00	\$351.60
192		(4" vs 4" vs 3/4") Tee	1.00	EA	0%	1.00	\$40.80	\$20.00	\$0.00	\$40.80	\$20.00	\$0.00	\$60.80
193		(3" vs 3" vs 3/4") Tee	1.00	EA	0%	1.00	\$36.70	\$20.00	\$0.00	\$36.70	\$20.00	\$0.00	\$56.70
194		(4" vs 3" vs 2") Tee	3.00	EA	0%	3.00	\$38.40	\$20.00	\$0.00	\$115.20	\$60.00	\$0.00	\$175.20
195		(4" vs 4" vs 2") Tee	1.00	EA	0%	1.00	\$40.60	\$20.00	\$0.00	\$40.60	\$20.00	\$0.00	\$60.60
196		(3" vs 3" vs 3") Tee	2.00	EA	0%	2.00	\$36.50	\$20.00	\$0.00	\$73.00	\$40.00	\$0.00	\$113.00
197		(6" vs 6" vs 4") Tee	1.00	EA	0%	1.00	\$47.50	\$20.00	\$0.00	\$47.50	\$20.00	\$0.00	\$67.50
198		(6" vs 6" vs 6") Tee	1.00	EA	0%	1.00	\$48.50	\$20.00	\$0.00	\$48.50	\$20.00	\$0.00	\$68.50
199		(1" vs 1" vs 1") Tee	81.00	EA	0%	81.00	\$36.20	\$20.00	\$0.00	\$2,932.20	\$1,620.00	\$0.00	\$4,552.20
200		(4" vs 4" vs 4") Tee	16.00	EA	0%	16.00	\$43.50	\$20.00	\$0.00	\$696.00	\$320.00	\$0.00	\$1,016.00
201		(2" vs 2" vs 1") Tee	79.00	EA	0%	79.00	\$39.50	\$20.00	\$0.00	\$3,120.50	\$1,580.00	\$0.00	\$4,700.50
202		(2" vs 2" vs 3") Tee	6.00	EA	0%	6.00	\$35.50	\$20.00	\$0.00	\$213.00	\$120.00	\$0.00	\$333.00
203		(2" vs 3" vs 3") Tee	2.00	EA	0%	2.00	\$38.40	\$20.00	\$0.00	\$76.80	\$40.00	\$0.00	\$116.80
204		(3" vs 3" vs 2") Tee	20.00	EA	0%	20.00	\$36.50	\$20.00	\$0.00	\$730.00	\$400.00	\$0.00	\$1,130.00
205		(4" vs 4" vs 4") Tee	87.00	EA	0%	87.00	\$40.40	\$20.00	\$0.00	\$3,514.80	\$1,740.00	\$0.00	\$5,254.80
206		(4" vs 3" vs 3") Tee	1.00	EA	0%	1.00	\$38.60	\$20.00	\$0.00	\$38.60	\$20.00	\$0.00	\$58.60
207		(4" vs 4" vs 2") Tee	688.00	EA	0%	688.00	\$38.20	\$20.00	\$0.00	\$26,281.60	\$13,760.00	\$0.00	\$40,041.60
208		(6" vs 6" vs 6") Tee	25.00	EA	0%	25.00	\$47.50	\$20.00	\$0.00	\$1,187.50	\$500.00	\$0.00	\$1,687.50
209		(2" vs 2" vs 2") Tee	1,386.00	EA	0%	1386.00	\$39.20	\$20.00	\$0.00	\$54,331.20	\$27,720.00	\$0.00	\$82,051.20
		Wye											
210		(2" vs 2" vs 2") Wye	971.00	EA	0%	971.00	\$40.50	\$20.00	\$0.00	\$39,325.50	\$19,420.00	\$0.00	\$58,745.50
211		(2" vs 2" vs 4") Wye	410.00	EA	0%	410.00	\$42.40	\$20.00	\$0.00	\$17,384.00	\$8,200.00	\$0.00	\$25,584.00
212		(2" vs 2" vs 1 1/2") Wye	436.00	EA	0%	436.00	\$41.80	\$20.00	\$0.00	\$18,224.80	\$8,720.00	\$0.00	\$26,944.80
213		(2" vs 4" vs 1 1/2") Wye	47.00	EA	0%	47.00	\$44.50	\$20.00	\$0.00	\$2,091.50	\$940.00	\$0.00	\$3,031.50
214		(4" vs 4" vs 6") Wye	15.00	EA	0%	15.00	\$46.80	\$20.00	\$0.00	\$702.00	\$300.00	\$0.00	\$1,002.00
215		(4" vs 4" vs 2") Wye	948.00	EA	0%	948.00	\$43.50	\$20.00	\$0.00	\$41,238.00	\$18,960.00	\$0.00	\$60,198.00
216		(4" vs 4" vs 4") Wye	142.00	EA	0%	142.00	\$45.50	\$20.00	\$0.00	\$6,461.00	\$2,840.00	\$0.00	\$9,301.00
217		(4" vs 6" vs 8") Wye	3.00	EA	0%	3.00	\$48.40	\$20.00	\$0.00	\$145.20	\$60.00	\$0.00	\$205.20
218		(4" vs 8" vs 10") Wye	1.00	EA	0%	1.00	\$44.50	\$20.00	\$0.00	\$44.50	\$20.00	\$0.00	\$64.50
219		(4" vs 4" vs 1 1/2") Wye	1.00	EA	0%	1.00	\$42.40	\$20.00	\$0.00	\$42.40	\$20.00	\$0.00	\$62.40
220		(6" vs 6" vs 2") Wye	3.00	EA	0%	3.00	\$47.20	\$20.00	\$0.00	\$141.60	\$60.00	\$0.00	\$201.60
221		(6" vs 6" vs 4") Wye	33.00	EA	0%	33.00	\$46.50	\$20.00	\$0.00	\$1,534.50	\$660.00	\$0.00	\$2,194.50
222		(6" vs 6" vs 6") Wye	9.00	EA	0%	9.00	\$48.40	\$20.00	\$0.00	\$435.60	\$180.00	\$0.00	\$615.60
223		(8" vs 8" vs 8") Wye	7.00	EA	0%	7.00	\$49.50	\$20.00	\$0.00	\$346.50	\$140.00	\$0.00	\$486.50
224		(8" vs 8" vs 10") Wye	1.00	EA	0%	1.00	\$51.20	\$20.00	\$0.00	\$51.20	\$20.00	\$0.00	\$71.20
225		(8" vs 8" vs 6") Wye	7.00	EA	0%	7.00	\$47.50	\$20.00	\$0.00	\$332.50	\$140.00	\$0.00	\$472.50
226		(8" vs 8" vs 4") Wye	6.00	EA	0%	6.00	\$45.20	\$20.00	\$0.00	\$271.20	\$120.00	\$0.00	\$391.20
227		(6" vs 8" vs 10") Wye	1.00	EA	0%	1.00	\$50.80	\$20.00	\$0.00	\$50.80	\$20.00	\$0.00	\$70.80
228		(10" vs 10" vs 8") Wye	2.00	EA	0%	2.00	\$52.40	\$20.00	\$0.00	\$104.80	\$40.00	\$0.00	\$144.80
229		(10" vs 10" vs 6") Wye	1.00	EA	0%	1.00	\$51.50	\$20.00	\$0.00	\$51.50	\$20.00	\$0.00	\$71.50
230		(10" vs 10" vs 4") Wye	3.00	EA	0%	3.00	\$49.60	\$20.00	\$0.00	\$148.80	\$60.00	\$0.00	\$208.80
231		(10" vs 10" vs 10") Wye	7.00	EA	0%	7.00	\$53.00	\$20.00	\$0.00	\$371.00	\$140.00	\$0.00	\$511.

Project:

Address:

Scope: Plumbing & Sprinkler

Date: 5/1/2024



SR #	REF	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	MATERIAL RATE	LABOR RATE	EQUIPMENT RATE	MATERIAL COSTS	LABOR COSTS	EQUIPMENT COSTS	SUB COST
238		(1 1/2") 45 Degree Elbow	969.00	EA	0%	969.00	\$35.50	\$18.00	\$0.00	\$34,399.50	\$17,442.00	\$0.00	\$51,841.50
		90 Degree Elbow											
239		(1") 90 Degree Elbow	97.00	EA	0%	97.00	\$36.50	\$18.00	\$0.00	\$3,540.50	\$1,746.00	\$0.00	\$5,286.50
240		(2") 90 Degree Elbow	2,595.00	EA	0%	2595.00	\$41.50	\$18.00	\$0.00	\$107,692.50	\$46,710.00	\$0.00	\$154,402.50
241		(3") 90 Degree Elbow	12.00	EA	0%	12.00	\$45.50	\$18.00	\$0.00	\$546.00	\$216.00	\$0.00	\$762.00
242		(4") 90 Degree Elbow	125.00	EA	0%	125.00	\$48.90	\$18.00	\$0.00	\$6,112.50	\$2,250.00	\$0.00	\$8,362.50
243		(6") 90 Degree Elbow	19.00	EA	0%	19.00	\$51.50	\$18.00	\$0.00	\$978.50	\$342.00	\$0.00	\$1,320.50
244		(1 1/4") 90 Degree Elbow	33.00	EA	0%	33.00	\$38.50	\$18.00	\$0.00	\$1,270.50	\$594.00	\$0.00	\$1,864.50
245		(1 1/2") 90 Degree Elbow	496.00	EA	0%	496.00	\$38.60	\$18.00	\$0.00	\$19,145.60	\$8,928.00	\$0.00	\$28,073.60
246		(3/4" 90 Degree) Elbow	9,462.00	EA	0%	9462.00	\$34.50	\$18.00	\$0.00	\$326,439.00	#####	\$0.00	\$496,755.00
		Drain											
247		(4" Dia) Area Drain	23.00	EA	0%	23.00	\$180.00	\$55.00	\$0.00	\$4,140.00	\$1,265.00	\$0.00	\$5,405.00
248		(4" Dia) Roof Drain	15.00	EA	0%	15.00	\$180.00	\$55.00	\$0.00	\$2,700.00	\$825.00	\$0.00	\$3,525.00
249		(6" Dia) Roof Drain	6.00	EA	0%	6.00	\$210.00	\$55.00	\$0.00	\$1,260.00	\$330.00	\$0.00	\$1,590.00
250		(4" Dia) Overflow Roof Drain	15.00	EA	0%	15.00	\$195.00	\$55.00	\$0.00	\$2,925.00	\$825.00	\$0.00	\$3,750.00
251		(6" Dia) Overflow Roof Drain	6.00	EA	0%	6.00	\$220.00	\$55.00	\$0.00	\$1,320.00	\$330.00	\$0.00	\$1,650.00
252		(3" Dia) Floor Drain W/ Trap Primer	12.00	EA	0%	12.00	\$155.00	\$55.00	\$0.00	\$1,860.00	\$660.00	\$0.00	\$2,520.00
253		(4" Dia) Funnel Drain W/ Trap Primer	1.00	EA	0%	1.00	\$230.00	\$55.00	\$0.00	\$230.00	\$55.00	\$0.00	\$285.00
254		(4" Dia) Floor Drain W/ Trap Primers	9.00	EA	0%	9.00	\$180.00	\$55.00	\$0.00	\$1,620.00	\$495.00	\$0.00	\$2,115.00
255		(4") Trench Drain	465.00	LF	5%	488.25	\$24.50	\$8.00	\$0.00	\$11,962.13	\$3,906.00	\$0.00	\$15,868.13
		Pumps											
256		WB-1 - Quadplex Water Booster Pumps - Mfg: Grundfos - Model No: CR64-3-2 - 208V/3PH - 30 HP - 280 CFM	1.00	EA	0%	1.00	\$2,520.00	\$350.00	\$0.00	\$2,520.00	\$350.00	\$0.00	\$2,870.00
257		SP-1 - Duplex Sewage Pump - Mfg: Grundfos - Model No: VSA-4F-1.5-4 - 208V/3PH - 1 1/2 HP - 100 CFM	1.00	EA	0%	1.00	\$10,800.00	\$550.00	\$0.00	\$10,800.00	\$550.00	\$0.00	\$11,350.00
258		SP-2 - Duplex Sump Pump - Mfg: Grundfos - Model No: VSP-3K-5-4 - 208V/3PH - 2 HP - 100 CFM	1.00	EA	0%	1.00	\$480.00	\$90.00	\$0.00	\$480.00	\$90.00	\$0.00	\$570.00
259		SP-3 - Sump Pumps - Mfg: Grundfos - Model No: SE50 W/OIL MINDER - 115V/1PH - 1/2 HP - 45 CFM	4.00	EA	0%	4.00	\$850.00	\$110.00	\$0.00	\$3,400.00	\$440.00	\$0.00	\$3,840.00
260		SPT-1 - Duplex Sump Pump In Tank - Mfg: ITT/Gould Series 3886 - Model No: WS0511B - 115V/1PH - 1/2 HP - 45 CFM	2.00	EA	0%	2.00	\$1,240.00	\$180.00	\$0.00	\$2,480.00	\$360.00	\$0.00	\$2,840.00
		Plumbing Accessories											
261		Valve	1,032.00	EA	0%	1032.00	\$110.00	\$40.00	\$0.00	\$113,520.00	\$41,280.00	\$0.00	\$154,800.00
262		Gas Valve	21.00	EA	0%	21.00	\$130.00	\$40.00	\$0.00	\$2,730.00	\$840.00	\$0.00	\$3,570.00
263		Check Valve	446.00	EA	0%	446.00	\$150.00	\$40.00	\$0.00	\$66,900.00	\$17,840.00	\$0.00	\$84,740.00
264		Backflow Check Valves	4.00	EA	0%	4.00	\$180.00	\$40.00	\$0.00	\$720.00	\$160.00	\$0.00	\$880.00
265		Deck Plate Cleanout	9.00	EA	0%	9.00	\$220.00	\$60.00	\$0.00	\$1,980.00	\$540.00	\$0.00	\$2,520.00
266		(3/4") Non Freeze Wall Hydrant	44.00	EA	0%	44.00	\$340.00	\$80.00	\$0.00	\$14,960.00	\$3,520.00	\$0.00	\$18,480.00
267		Gas Emergency Shut-Off Button	3.00	EA	0%	3.00	\$80.00	\$30.00	\$0.00	\$240.00	\$90.00	\$0.00	\$330.00
268		Gas Emergency Shut-Off Solenoid Valve	3.00	EA	0%	3.00	\$140.00	\$45.00	\$0.00	\$420.00	\$135.00	\$0.00	\$555.00
269		Vacuum Hammer	7,990.00	EA	0%	7990.00	\$75.00	\$30.00	\$0.00	\$599,250.00	#####	\$0.00	\$838,950.00
270		Gas Meter	2.00	EA	0%	2.00	\$340.00	\$60.00	\$0.00	\$680.00	\$120.00	\$0.00	\$800.00
271		Removable Basket	1.00	EA	0%	1.00	\$140.00	\$50.00	\$0.00	\$140.00	\$50.00	\$0.00	\$190.00
272		Laundry Tray	11.54	LF	5%	12.12	\$240.00	\$80.00	\$0.00	\$2,908.08	\$969.36	\$0.00	\$3,877.44
SUBTOTAL												\$6,450,309.73	

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Date: **5/1/2024**



SR #	REF	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	MATERIAL RATE	LABOR RATE	EQUIPMENT RATE	MATERIAL COSTS	LABOR COSTS	EQUIPMENT COSTS	SUB COST	
												PROJECTED COST		\$7,677,851
												OVERHEAD AND PROFIT	20%	\$1,535,570
												INSURANCE	3%	\$230,336
												CONTINGENCY	5%	\$383,893
												SUGGESTED BID		\$9,827,650