

GENERAL SUMMARY

Prepared for:
 Project ID:
 Scope:
 No. Of Floors:
 Date:

Plumbing
 4

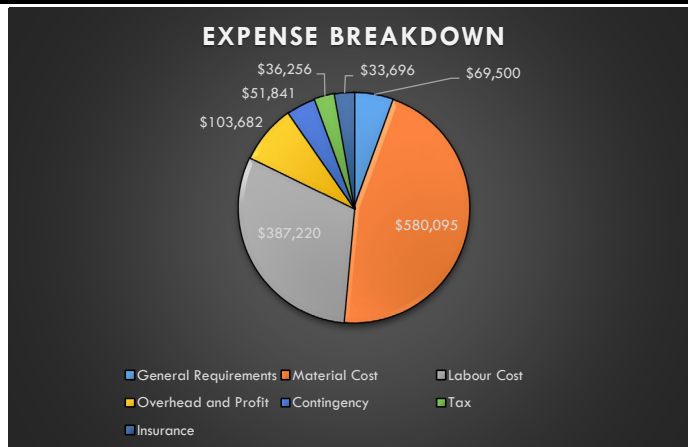


BUILDING GSF **13,259**

DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST
1000	General Requirements	\$ 69,500	\$ 5.24
22000	Plumbing	\$ 967,315	\$ 72.96
TOTAL TRADE COST		\$ 1,036,815	\$ 78
OVERHEAD AND PROFIT		10%	\$ 103,682
INSURANCE		3%	\$ 33,696
CONTINGENCY		5%	\$ 51,841
TAX		6%	\$ 36,256
TOTAL TRADE COST		\$ 1,262,290	\$ 97

EXPENSE BREAKDOWN

SR#	DESCRIPTION	TOTAL DIV. COST
1	General Requirements	\$ 69,500
2	Material Cost	\$ 580,095
3	Labour Cost	\$ 387,220
4	Overhead and Profit	\$ 103,682
5	Contingency	\$ 51,841
6	Tax	\$ 36,256
7	Insurance	\$ 33,696



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BREAKDOWN OF ITEMS

Prepared for:
 Project ID:
 Scope: **Plumbing**



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS									
1	Permits	LS	1	0%	1	\$ -	\$ -	\$ 10,000.00	\$ 10,000.00
2	Supervision and Coordination	LS	2	0%	2	\$ -	\$ -	\$ 18,000.00	\$ 36,000.00
3	Submittals and Shop drawings	LS	1	0%	1	\$ -	\$ -	\$ 3,500.00	\$ 3,500.00
4	Final Cleaning	LS	1	0%	1	\$ -	\$ -	\$ 5,000.00	\$ 5,000.00
5	Mobilization Costs	LS	1	0%	1	\$ -	\$ -	\$ 10,000.00	\$ 10,000.00
6	Temporary Control & Facilities	LS	1	0%	1	\$ -	\$ -	\$ 5,000.00	\$ 5,000.00
7	Scaffolding	SF	0	0%	0	\$ -	\$ -	\$ -	\$ -
SUBTOTAL									\$ 69,500
PLUMBING									
Potable Water Supply Pipe Underground									
Type "K" Copper Pipe & Fitting (Assumed)									
8	4" Dia Potable Water Supply Pipe	LF	12	10%	13	\$ 7.00	\$ 19.25	\$ 26.25	\$ 350.25
Potable Water Supply Pipe Fittings									
Elbow									
9	4" Dia Potable Water Supply Pipe 90 Deg Elbow	EA	1	0%	1	\$ 31.00	\$ 15.00	\$ 46.00	\$ 46.00
Domestic Cold Water Pipe									
Type "L" Copper Pipe W/ Wrought Copper Fittings									
10	1/2" Dia Domestic Cold Water Pipe	LF	2396	10%	2635	\$ 2.42	\$ 2.57	\$ 4.99	\$ 13,150.93
11	3/4" Dia Domestic Cold Water Pipe	LF	721	10%	793	\$ 2.92	\$ 3.85	\$ 6.77	\$ 5,368.02
12	1" Dia Domestic Cold Water Pipe	LF	188	10%	207	\$ 3.62	\$ 5.78	\$ 9.40	\$ 1,947.13
13	1-1/4" Dia Domestic Cold Water Pipe	LF	564	10%	620	\$ 4.02	\$ 7.94	\$ 11.96	\$ 7,416.70
14	1-1/2" Dia Domestic Cold Water Pipe	LF	101	10%	111	\$ 4.60	\$ 10.22	\$ 14.82	\$ 1,647.32
15	2" Dia Domestic Cold Water Pipe	LF	61	10%	67	\$ 5.69	\$ 16.90	\$ 22.59	\$ 1,522.25
16	2-1/2" Dia Domestic Cold Water Pipe	LF	49	10%	54	\$ 5.86	\$ 17.34	\$ 23.20	\$ 1,259.16
17	4" Dia Domestic Cold Water Pipe	LF	8	10%	9	\$ 7.00	\$ 19.25	\$ 26.25	\$ 240.53
Insulation									
1/2" Thick, Fiberglass Pipe Insulation (Assumed)									
18	1/2" Dia Domestic Cold Water Pipe	LF	2396	10%	2635	\$ 1.31	\$ 1.91	\$ 3.22	\$ 8,486.17
19	3/4" Dia Domestic Cold Water Pipe	LF	721	10%	793	\$ 2.04	\$ 2.88	\$ 4.92	\$ 3,901.13
20	1" Dia Domestic Cold Water Pipe	LF	188	10%	207	\$ 2.77	\$ 3.73	\$ 6.50	\$ 1,346.42
21	1-1/4" Dia Domestic Cold Water Pipe	LF	564	10%	620	\$ 3.29	\$ 4.33	\$ 7.62	\$ 4,725.35
22	1-1/2" Dia Domestic Cold Water Pipe	LF	101	10%	111	\$ 3.65	\$ 4.58	\$ 8.23	\$ 914.81
23	2" Dia Domestic Cold Water Pipe	LF	61	10%	67	\$ 5.11	\$ 6.50	\$ 11.61	\$ 782.35
24	2-1/2" Dia Domestic Cold Water Pipe	LF	49	10%	54	\$ 5.25	\$ 6.86	\$ 12.11	\$ 657.26
25	4" Dia Domestic Cold Water Pipe	LF	8	10%	9	\$ 6.23	\$ 8.00	\$ 14.23	\$ 130.39
Domestic Cold Water Pipe Fittings									
Elbow									
26	1/2" Dia Domestic Cold Water Pipe 90 Deg Elbow	EA	443	0%	443	\$ 10.95	\$ 0.57	\$ 11.52	\$ 5,103.36
27	3/4" Dia Domestic Cold Water Pipe 90 Deg Elbow	EA	29	0%	29	\$ 13.14	\$ 1.05	\$ 14.19	\$ 411.51
28	1" Dia Domestic Cold Water Pipe 90 Deg Elbow	EA	9	0%	9	\$ 14.60	\$ 2.24	\$ 16.84	\$ 151.56
29	1-1/4" Dia Domestic Cold Water Pipe 90 Deg Elbow	EA	7	0%	7	\$ 16.06	\$ 3.38	\$ 19.44	\$ 136.08
30	2" Dia Domestic Cold Water Pipe 90 Deg Elbow	EA	2	0%	2	\$ 21.90	\$ 9.59	\$ 31.49	\$ 62.98
31	2-1/2" Dia Domestic Cold Water Pipe 90 Deg Elbow	EA	3	0%	3	\$ 24.36	\$ 11.25	\$ 35.61	\$ 106.83
32	4" Dia Domestic Cold Water Pipe 90 Deg Elbow	EA	1	0%	1	\$ 31.00	\$ 15.00	\$ 46.00	\$ 46.00
33	3/4" Dia Domestic Cold Water Pipe 45 Deg Elbow	EA	1	0%	1	\$ 13.14	\$ 1.95	\$ 15.09	\$ 15.09
Tee									
34	1/2" Dia Domestic Cold Water Pipe Tee	EA	96	0%	96	\$ 11.68	\$ 0.65	\$ 12.33	\$ 1,183.68
35	3/4" Dia Domestic Cold Water Pipe Tee	EA	41	0%	41	\$ 12.65	\$ 2.36	\$ 15.01	\$ 615.41
36	1-1/4" Dia Domestic Cold Water Pipe Tee	EA	3	0%	3	\$ 16.06	\$ 6.50	\$ 22.56	\$ 67.68
37	2-1/2" Dia Domestic Cold Water Pipe Tee	EA	1	0%	1	\$ 18.25	\$ 9.80	\$ 28.05	\$ 28.05
38	3/4" / 1/2" Dia Domestic Cold Water Pipe Tee	EA	45	0%	45	\$ 16.06	\$ 1.62	\$ 17.68	\$ 795.60
39	1" / 1/2" Dia Domestic Cold Water Pipe Tee	EA	6	0%	6	\$ 16.06	\$ 5.02	\$ 21.08	\$ 126.48
40	1" / 3/4" Dia Domestic Cold Water Pipe Tee	EA	9	0%	9	\$ 18.25	\$ 6.35	\$ 24.60	\$ 221.40
41	1-1/4" / 3/4" Dia Domestic Cold Water Pipe Tee	EA	43	0%	43	\$ 18.25	\$ 7.53	\$ 25.78	\$ 1,108.54
42	1-1/4" / 1" Dia Domestic Cold Water Pipe Tee	EA	1	0%	1	\$ 18.25	\$ 7.62	\$ 25.87	\$ 25.87
43	1-1/2" / 1" Dia Domestic Cold Water Pipe Tee	EA	2	0%	2	\$ 18.25	\$ 7.45	\$ 25.70	\$ 51.40
44	1-1/2" / 1/2" Dia Domestic Cold Water Pipe Tee	EA	1	0%	1	\$ 18.25	\$ 7.35	\$ 25.60	\$ 25.60
45	2" / 1" Dia Domestic Cold Water Pipe Tee	EA	3	0%	3	\$ 21.90	\$ 11.95	\$ 33.85	\$ 101.55
46	2-1/2" / 1-1/4" Dia Domestic Cold Water Pipe Tee	EA	2	0%	2	\$ 21.90	\$ 12.05	\$ 33.95	\$ 67.90
47	4" / 2" Dia Domestic Cold Water Pipe Tee	EA	1	0%	1	\$ 25.00	\$ 16.25	\$ 41.25	\$ 41.25
Reducer									
48	3/4" / 1/2" Dia Domestic Cold Water Pipe Reducer	EA	3	0%	3	\$ 13.14	\$ 1.12	\$ 14.26	\$ 42.78
49	1-1/4" / 3/4" Dia Domestic Cold Water Pipe Reducer	EA	1	0%	1	\$ 15.36	\$ 4.50	\$ 19.86	\$ 19.86
50	1-1/2" / 1" Dia Domestic Cold Water Pipe Reducer	EA	1	0%	1	\$ 16.06	\$ 5.73	\$ 21.79	\$ 21.79
51	1-1/2" / 1-1/4" Dia Domestic Cold Water Pipe Reduc	EA	1	0%	1	\$ 19.35	\$ 7.50	\$ 26.85	\$ 26.85
52	2" / 1-1/2" Dia Domestic Cold Water Pipe Reducer	EA	1	0%	1	\$ 20.44	\$ 12.05	\$ 32.49	\$ 32.49
53	2-1/2" / 1-1/2" Dia Domestic Cold Water Pipe Reduc	EA	1	0%	1	\$ 22.36	\$ 13.65	\$ 36.01	\$ 36.01

BREAKDOWN OF ITEMS

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SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
54	2-1/2" / 2" Dia Domestic Cold Water Pipe Reducer	EA	1	0%	1	\$ 24.75	\$ 15.00	\$ 39.75	\$ 39.75
55	4" / 2-1/2" Dia Domestic Cold Water Pipe Reducer	EA	1	0%	1	\$ 32.50	\$ 19.25	\$ 51.75	\$ 51.75
	Domestic Hot Water Pipe								
	Type "L" Copper Pipe W/ Wrought Copper Fittings								
56	1/2" Dia Domestic Hot Water Pipe	LF	1993	10%	2192	\$ 2.42	\$ 2.57	\$ 4.99	\$ 10,940.51
57	3/4" Dia Domestic Hot Water Pipe	LF	545	10%	600	\$ 2.92	\$ 3.85	\$ 6.77	\$ 4,061.74
	Insulation								
	3/4" Thick, Fiberglass Pipe Insulation (Assumed)								
58	1/2" Dia Domestic Hot Water Pipe	LF	1993	10%	2192	\$ 1.31	\$ 1.91	\$ 3.22	\$ 7,059.81
59	3/4" Dia Domestic Hot Water Pipe	LF	545	10%	600	\$ 2.04	\$ 2.88	\$ 4.92	\$ 2,951.81
	Domestic Hot Water Pipe Fittings								
	Elbow								
60	1/2" Dia Domestic Hot Water Pipe 90 Deg Elbow	EA	363	0%	363	\$ 10.95	\$ 0.57	\$ 11.52	\$ 4,181.76
61	3/4" Dia Domestic Hot Water Pipe 90 Deg Elbow	EA	172	0%	172	\$ 13.14	\$ 1.05	\$ 14.19	\$ 2,440.68
	Tee								
62	1/2" Dia Domestic Hot Water Pipe Tee	EA	54	0%	54	\$ 11.68	\$ 0.50	\$ 12.18	\$ 657.72
63	3/4" / 1/2" Dia Domestic Hot Water Pipe Tee	EA	45	0%	45	\$ 16.06	\$ 1.62	\$ 17.68	\$ 795.60
	Reducer								
64	3/4" / 1/2" Dia Domestic Hot Water Pipe Reducer	EA	80	0%	80	\$ 13.14	\$ 1.12	\$ 14.26	\$ 1,140.80
	Domestic Hot Water Return Pipe								
	Type "L" Copper Pipe W/ Wrought Copper Fittings								
65	1/2" Dia Domestic Hot Water Return Pipe	LF	502	10%	552	\$ 2.42	\$ 2.57	\$ 4.99	\$ 2,755.48
	Insulation								
	3/4" Thick, Fiberglass Pipe Insulation (Assumed)								
66	1/2" Dia Domestic Hot Water Return Pipe	LF	502	10%	552	\$ 1.31	\$ 1.91	\$ 3.22	\$ 1,778.08
	Domestic Hot Water Return Pipe Fittings								
	Elbow								
67	1/2" Dia Domestic Hot Water Return Pipe 90 Deg Elbow	EA	88	0%	88	\$ 10.95	\$ 0.57	\$ 11.52	\$ 1,013.76
	Tee								
68	1/2" Dia Domestic Hot Water Return Pipe Tee	EA	44	0%	44	\$ 11.68	\$ 0.50	\$ 12.18	\$ 535.92
	Gas Pipe Underground								
	Schedule 40 Black Steel Pipe W/ Threaded Joints Fittings (Assumed)								
69	2-1/2" Dia Gas Pipe (Size assumed)	LF	10	10%	11	\$ 5.86	\$ 17.34	\$ 23.20	\$ 252.14
	Gas Pipe Fittings								
	Elbow								
70	2-1/2" Dia Gas Pipe 90 Deg Elbow	EA	1	0%	1	\$ 24.36	\$ 11.25	\$ 35.61	\$ 35.61
	Gas Pipe								
	Schedule 40 Black Steel Pipe W/ Threaded Joints Fittings (Assumed)								
71	3/4" Dia Gas Pipe	LF	1249	10%	1374	\$ 3.65	\$ 7.24	\$ 10.89	\$ 14,967.64
72	1-1/4" Dia Gas Pipe	LF	11	10%	12	\$ 4.96	\$ 10.80	\$ 15.76	\$ 183.07
73	1-1/2" Dia Gas Pipe	LF	7949	10%	8744	\$ 5.21	\$ 11.25	\$ 16.46	\$ 143,925.32
74	2-1/2" Dia Gas Pipe (Size assumed)	LF	32	10%	35	\$ 6.10	\$ 14.35	\$ 20.45	\$ 708.82
	Gas Pipe Fittings								
	Elbow								
75	3/4" Dia Gas Pipe 90 Deg Elbow	EA	102	0%	102	\$ 12.56	\$ 4.58	\$ 17.14	\$ 1,748.28
76	1-1/2" Dia Gas Pipe 90 Deg Elbow	EA	299	0%	299	\$ 14.00	\$ 13.10	\$ 27.10	\$ 8,102.90
77	2-1/2" Dia Gas Pipe 90 Deg Elbow	EA	2	0%	2	\$ 16.00	\$ 21.00	\$ 37.00	\$ 74.00
78	3/4" Dia Gas Pipe 45 Deg Elbow	EA	1	0%	1	\$ 12.56	\$ 4.95	\$ 17.51	\$ 17.51
	Tee								
79	3/4" Dia Gas Pipe Tee	EA	1	0%	1	\$ 13.14	\$ 13.03	\$ 26.17	\$ 26.17
80	1-1/2" / 3/4" Dia Gas Pipe Tee	EA	42	0%	42	\$ 20.44	\$ 13.10	\$ 33.54	\$ 1,408.68
	Storm Drain Pipe Underground								
	Cast Iron Pipe & Fittings								
81	4" Dia Storm Drain Pipe	LF	14	10%	15	\$ 2.60	\$ 5.37	\$ 7.97	\$ 121.69
82	8" Dia Storm Drain Pipe	LF	67	10%	74	\$ 5.96	\$ 14.30	\$ 20.26	\$ 1,500.52
	Storm Drain Pipe Fittings								
	Elbow								
83	4" Dia Storm Drain Pipe 90 Deg Elbow	EA	1	0%	1	\$ 18.61	\$ 15.20	\$ 33.81	\$ 33.81
84	8" Dia Storm Drain Pipe 90 Deg Elbow	EA	2	0%	2	\$ 29.73	\$ 123.00	\$ 152.73	\$ 305.46
85	8" Dia Storm Drain Pipe 45 Deg Elbow	EA	1	0%	1	\$ 29.78	\$ 116.00	\$ 145.78	\$ 145.78
	Wye								
86	8" Dia Storm Drain Pipe Wye	EA	1	0%	1	\$ 29.73	\$ 120.00	\$ 149.73	\$ 149.73
	Reducer								
87	8" / 4" Dia Storm Drain Pipe Reducer	EA	1	0%	1	\$ 41.69	\$ 146.00	\$ 187.69	\$ 187.69
	Storm Drain Pipe								
	Schedule 40 PVC Pipe & Fittings								
88	3" Dia Storm Drain Pipe	LF	288	10%	316	\$ 2.05	\$ 4.61	\$ 6.66	\$ 2,107.54

BREAKDOWN OF ITEMS

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SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
89	4" Dia Storm Drain Pipe	LF	158	10%	174	\$ 2.60	\$ 5.37	\$ 7.97	\$ 1,388.43
90	5" Dia Storm Drain Pipe	LF	244	10%	268	\$ 3.54	\$ 10.10	\$ 13.64	\$ 3,659.48
91	8" Dia Storm Drain Pipe	LF	58	10%	64	\$ 5.96	\$ 14.30	\$ 20.26	\$ 1,292.81
	Insulation								
	1" Thick, Fiberglass Pipe Insulation								
92	3" Dia Storm Drain Pipe	LF	288	10%	316	\$ 1.90	\$ 6.00	\$ 7.90	\$ 2,499.94
93	4" Dia Storm Drain Pipe	LF	158	10%	174	\$ 2.35	\$ 7.06	\$ 9.41	\$ 1,639.29
94	5" Dia Storm Drain Pipe	LF	244	10%	268	\$ 2.56	\$ 7.65	\$ 10.21	\$ 2,739.24
95	8" Dia Storm Drain Pipe	LF	58	10%	64	\$ 2.87	\$ 8.21	\$ 11.08	\$ 707.03
	Storm Drain Pipe Fittings								
	Elbow								
96	4" Dia Storm Drain Pipe 90 Deg Elbow	EA	4	0%	4	\$ 18.61	\$ 15.20	\$ 33.81	\$ 135.24
97	5" Dia Storm Drain Pipe 90 Deg Elbow	EA	8	0%	8	\$ 20.74	\$ 38.90	\$ 59.64	\$ 477.12
98	3" Dia Storm Drain Pipe 45 Deg Elbow	EA	22	0%	22	\$ 11.17	\$ 11.00	\$ 22.17	\$ 487.74
99	5" Dia Storm Drain Pipe 45 Deg Elbow	EA	5	0%	5	\$ 20.47	\$ 38.95	\$ 59.42	\$ 297.10
	Wye								
100	3" Dia Storm Drain Pipe Wye	EA	11	0%	11	\$ 11.17	\$ 14.00	\$ 25.17	\$ 276.87
101	5" Dia Storm Drain Pipe Wye	EA	5	0%	5	\$ 20.47	\$ 39.00	\$ 59.47	\$ 297.35
102	8" Dia Storm Drain Pipe Wye	EA	2	0%	2	\$ 29.78	\$ 123.00	\$ 152.78	\$ 305.56
103	4" / 3" Dia Storm Drain Pipe Wye	EA	8	0%	8	\$ 41.63	\$ 146.00	\$ 187.63	\$ 1,501.04
104	5" / 3" Dia Storm Drain Pipe Wye	EA	4	0%	4	\$ 26.43	\$ 40.10	\$ 66.53	\$ 266.12
105	8" / 5" Dia Storm Drain Pipe Wye	EA	1	0%	1	\$ 41.69	\$ 146.00	\$ 187.69	\$ 187.69
	Reducer								
106	4" / 3" Dia Storm Drain Pipe Reducer	EA	1	0%	1	\$ 20.84	\$ 22.60	\$ 43.44	\$ 43.44
107	5" / 4" Dia Storm Drain Pipe Reducer	EA	1	0%	1	\$ 26.43	\$ 40.10	\$ 66.53	\$ 66.53
108	8" / 5" Dia Storm Drain Pipe Reducer	EA	1	0%	1	\$ 41.69	\$ 146.00	\$ 187.69	\$ 187.69
	Waste Pipe Underground								
	Cast Iron Pipe & Fittings								
109	1-1/2" Dia Waste Pipe	LF	5	10%	6	\$ 1.35	\$ 5.68	\$ 7.03	\$ 42.30
110	2" Dia Waste Pipe	LF	136	10%	150	\$ 1.86	\$ 6.90	\$ 8.76	\$ 1,310.98
111	4" Dia Waste Pipe	LF	346	10%	381	\$ 2.98	\$ 10.70	\$ 13.68	\$ 5,211.12
112	6" Dia Waste Pipe (Size assumed)	LF	7	10%	8	\$ 4.40	\$ 20.10	\$ 24.50	\$ 192.15
	Waste Pipe Fittings								
	Elbow								
113	1-1/2" Dia Waste Pipe 90 Deg Elbow	EA	1	0%	1	\$ 7.86	\$ 12.25	\$ 20.11	\$ 20.11
114	2" Dia Waste Pipe 90 Deg Elbow	EA	2	0%	2	\$ 9.30	\$ 14.80	\$ 24.10	\$ 48.20
115	4" Dia Waste Pipe 90 Deg Elbow	EA	4	0%	4	\$ 18.61	\$ 28.30	\$ 46.91	\$ 187.64
116	1-1/2" Dia Waste Pipe 45 Deg Elbow	EA	1	0%	1	\$ 7.86	\$ 14.36	\$ 22.22	\$ 22.22
117	2" Dia Waste Pipe 45 Deg Elbow	EA	3	0%	3	\$ 9.30	\$ 16.25	\$ 25.55	\$ 76.65
118	4" Dia Waste Pipe 45 Deg Elbow	EA	25	0%	25	\$ 18.61	\$ 31.25	\$ 49.86	\$ 1,246.50
	Wye								
119	2" Dia Waste Pipe Wye	EA	3	0%	3	\$ 14.14	\$ 10.80	\$ 24.94	\$ 74.82
120	4" Dia Waste Pipe Wye	EA	15	0%	15	\$ 26.05	\$ 23.80	\$ 49.85	\$ 747.75
121	6" Dia Waste Pipe Wye	EA	1	0%	1	\$ 35.96	\$ 64.00	\$ 99.96	\$ 99.96
122	1-1/2" / 1-1/4" Dia Waste Pipe Wye	EA	1	0%	1	\$ 14.14	\$ 10.20	\$ 24.34	\$ 24.34
123	2" / 1-1/4" Dia Waste Pipe Wye	EA	1	0%	1	\$ 17.49	\$ 14.50	\$ 31.99	\$ 31.99
124	4" / 1-1/2" Dia Waste Pipe Wye	EA	1	0%	1	\$ 22.33	\$ 19.40	\$ 41.73	\$ 41.73
125	4" / 2" Dia Waste Pipe Wye	EA	7	0%	7	\$ 22.33	\$ 19.40	\$ 41.73	\$ 292.11
126	4" / 3" Dia Waste Pipe Wye	EA	3	0%	3	\$ 24.19	\$ 20.40	\$ 44.59	\$ 133.77
	Waste Pipe								
	Schedule 40 PVC Pipe & Fittings								
127	1-1/2" Dia Waste Pipe	LF	893	10%	983	\$ 1.49	\$ 1.76	\$ 3.25	\$ 3,193.33
128	2" Dia Waste Pipe	LF	840	10%	925	\$ 1.68	\$ 1.83	\$ 3.51	\$ 3,245.09
129	3" Dia Waste Pipe	LF	257	10%	283	\$ 2.05	\$ 4.61	\$ 6.66	\$ 1,885.13
130	4" Dia Waste Pipe	LF	776	10%	854	\$ 2.60	\$ 5.37	\$ 7.97	\$ 6,806.26
131	5" Dia Waste Pipe	LF	132	10%	145	\$ 3.54	\$ 10.10	\$ 13.64	\$ 1,977.38
132	6" Dia Waste Pipe	LF	40	10%	44	\$ 4.47	\$ 10.10	\$ 14.57	\$ 636.11
	Waste Pipe Fittings								
	Elbow								
133	1-1/2" Dia Waste Pipe 90 Deg Elbow	EA	96	0%	96	\$ 6.70	\$ 1.47	\$ 8.17	\$ 784.32
134	2" Dia Waste Pipe 90 Deg Elbow	EA	36	0%	36	\$ 7.44	\$ 2.31	\$ 9.75	\$ 351.00
135	3" Dia Waste Pipe 90 Deg Elbow	EA	2	0%	2	\$ 11.17	\$ 8.42	\$ 19.59	\$ 39.18
136	4" Dia Waste Pipe 90 Deg Elbow	EA	21	0%	21	\$ 18.61	\$ 15.20	\$ 33.81	\$ 710.01
137	5" Dia Waste Pipe 90 Deg Elbow	EA	1	0%	1	\$ 20.47	\$ 38.90	\$ 59.37	\$ 59.37
138	6" Dia Waste Pipe 90 Deg Elbow	EA	1	0%	1	\$ 22.33	\$ 48.10	\$ 70.43	\$ 70.43
139	1-1/2" Dia Waste Pipe 45 Deg Elbow	EA	164	0%	164	\$ 6.70	\$ 2.09	\$ 8.79	\$ 1,441.56
140	2" Dia Waste Pipe 45 Deg Elbow	EA	77	0%	77	\$ 7.44	\$ 2.84	\$ 10.28	\$ 791.56
141	3" Dia Waste Pipe 45 Deg Elbow	EA	51	0%	51	\$ 11.17	\$ 11.00	\$ 22.17	\$ 1,130.67
142	4" Dia Waste Pipe 45 Deg Elbow	EA	25	0%	25	\$ 18.61	\$ 19.60	\$ 38.21	\$ 955.25

BREAKDOWN OF ITEMS

Prepared for:
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 Scope: **Plumbing**



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
143	5" Dia Waste Pipe 45 Deg Elbow	EA	2	0%	2	\$ 20.47	\$ 38.90	\$ 59.37	\$ 118.74
	Wye								
144	1-1/2" Dia Waste Pipe Wye	EA	128	0%	128	\$ 9.30	\$ 1.79	\$ 11.09	\$ 1,419.52
145	2" Dia Waste Pipe Wye	EA	20	0%	20	\$ 10.42	\$ 2.31	\$ 12.73	\$ 254.60
146	3" Dia Waste Pipe Wye	EA	46	0%	46	\$ 15.63	\$ 12.10	\$ 27.73	\$ 1,275.58
147	4" Dia Waste Pipe Wye	EA	18	0%	18	\$ 20.84	\$ 22.60	\$ 43.44	\$ 781.92
148	5" Dia Waste Pipe Wye	EA	1	0%	1	\$ 26.43	\$ 54.40	\$ 80.83	\$ 80.83
149	6" Dia Waste Pipe Wye	EA	1	0%	1	\$ 31.26	\$ 78.80	\$ 110.06	\$ 110.06
150	2" / 1-1/4" Dia Waste Pipe Wye	EA	8	0%	8	\$ 10.42	\$ 4.36	\$ 14.78	\$ 118.24
151	2" / 1-1/2" Dia Waste Pipe Wye	EA	51	0%	51	\$ 10.42	\$ 5.36	\$ 14.78	\$ 753.78
152	3" / 1-1/2" Dia Waste Pipe Wye	EA	42	0%	42	\$ 11.25	\$ 4.24	\$ 16.49	\$ 692.58
153	3" / 2" Dia Waste Pipe Wye	EA	18	0%	18	\$ 15.63	\$ 13.40	\$ 29.03	\$ 522.54
154	4" / 1-1/2" Dia Waste Pipe Wye	EA	49	0%	49	\$ 20.10	\$ 19.60	\$ 39.70	\$ 1,945.30
155	4" / 2" Dia Waste Pipe Wye	EA	44	0%	44	\$ 20.84	\$ 22.60	\$ 43.44	\$ 1,911.36
156	4" / 3" Dia Waste Pipe Wye	EA	46	0%	46	\$ 20.84	\$ 22.60	\$ 43.44	\$ 1,998.24
157	5" / 2" Dia Waste Pipe Wye	EA	7	0%	7	\$ 26.43	\$ 35.10	\$ 61.53	\$ 430.71
158	5" / 3" Dia Waste Pipe Wye	EA	2	0%	2	\$ 26.43	\$ 40.10	\$ 66.53	\$ 133.06
159	5" / 4" Dia Waste Pipe Wye	EA	9	0%	9	\$ 36.43	\$ 40.10	\$ 76.53	\$ 688.77
160	6" / 2" Dia Waste Pipe Wye	EA	1	0%	1	\$ 31.26	\$ 65.70	\$ 96.96	\$ 96.96
161	6" / 5" Dia Waste Pipe Wye	EA	1	0%	1	\$ 31.26	\$ 65.70	\$ 96.96	\$ 96.96
	Reducer								
162	1-1/2" / 1-1/4" Dia Waste Pipe Reducer	EA	108	0%	108	\$ 9.30	\$ 3.06	\$ 12.36	\$ 1,334.88
163	2" / 1-1/2" Dia Waste Pipe Reducer	EA	5	0%	5	\$ 10.42	\$ 4.36	\$ 14.78	\$ 73.90
164	2" / 1-1/4" Dia Waste Pipe Reducer	EA	22	0%	22	\$ 10.42	\$ 4.36	\$ 14.78	\$ 325.16
165	3" / 1-1/2" Dia Waste Pipe Reducer	EA	35	0%	35	\$ 15.63	\$ 13.40	\$ 29.03	\$ 1,016.05
166	3" / 2" Dia Waste Pipe Reducer	EA	2	0%	2	\$ 15.63	\$ 13.40	\$ 29.03	\$ 58.06
167	4" / 3" Dia Waste Pipe Reducer	EA	4	0%	4	\$ 20.84	\$ 22.60	\$ 43.44	\$ 173.76
	Dedicated Laundry Waste Pipe								
	Schedule 40 PVC Pipe & Fittings								
168	2" Dia Dedicated Laundry Waste Pipe	LF	569	10%	626	\$ 1.68	\$ 1.83	\$ 3.51	\$ 2,198.03
169	3" Dia Dedicated Laundry Waste Pipe	LF	155	10%	171	\$ 2.05	\$ 4.61	\$ 6.66	\$ 1,137.00
170	4" Dia Dedicated Laundry Waste Pipe	LF	152	10%	167	\$ 2.60	\$ 5.37	\$ 7.97	\$ 1,331.97
171	6" Dia Dedicated Laundry Waste Pipe	LF	28	10%	31	\$ 4.47	\$ 10.10	\$ 14.57	\$ 445.23
	Dedicated Laundry Waste Pipe Fittings								
	Elbow								
172	2" Dia Dedicated Laundry Waste Pipe 90 Deg Elbow	EA	43	0%	43	\$ 7.44	\$ 2.31	\$ 9.75	\$ 419.25
173	3" Dia Dedicated Laundry Waste Pipe 90 Deg Elbow	EA	5	0%	5	\$ 11.17	\$ 8.42	\$ 19.59	\$ 97.95
174	4" Dia Dedicated Laundry Waste Pipe 90 Deg Elbow	EA	3	0%	3	\$ 18.61	\$ 15.20	\$ 33.81	\$ 101.43
175	6" Dia Dedicated Laundry Waste Pipe 90 Deg Elbow	EA	1	0%	1	\$ 22.33	\$ 48.10	\$ 70.43	\$ 70.43
176	2" Dia Dedicated Laundry Waste Pipe 45 Deg Elbow	EA	59	0%	59	\$ 7.44	\$ 2.84	\$ 10.28	\$ 606.52
177	3" Dia Dedicated Laundry Waste Pipe 45 Deg Elbow	EA	8	0%	8	\$ 11.17	\$ 11.00	\$ 22.17	\$ 177.36
178	4" Dia Dedicated Laundry Waste Pipe 45 Deg Elbow	EA	2	0%	2	\$ 18.61	\$ 19.60	\$ 38.21	\$ 76.42
	Wye								
179	2" Dia Dedicated Laundry Waste Pipe Wye	EA	41	0%	41	\$ 10.42	\$ 2.31	\$ 12.73	\$ 521.93
180	3" Dia Dedicated Laundry Waste Pipe Wye	EA	4	0%	4	\$ 15.63	\$ 12.10	\$ 27.73	\$ 110.92
181	4" Dia Dedicated Laundry Waste Pipe Wye	EA	2	0%	2	\$ 20.84	\$ 22.60	\$ 43.44	\$ 86.88
182	2" / 1-1/2" Dia Dedicated Laundry Waste Pipe Wye	EA	9	0%	9	\$ 10.42	\$ 4.36	\$ 14.78	\$ 133.02
183	3" / 2" Dia Dedicated Laundry Waste Pipe Wye	EA	7	0%	7	\$ 15.63	\$ 13.40	\$ 29.03	\$ 203.21
184	3" / 2" Dia Dedicated Laundry Waste Pipe Wye	EA	1	0%	1	\$ 15.63	\$ 13.40	\$ 29.03	\$ 29.03
185	4" / 2" Dia Dedicated Laundry Waste Pipe Wye	EA	9	0%	9	\$ 20.84	\$ 22.60	\$ 43.44	\$ 390.96
186	4" / 3" Dia Dedicated Laundry Waste Pipe Wye	EA	1	0%	1	\$ 20.84	\$ 22.60	\$ 43.44	\$ 43.44
187	6" / 4" Dia Dedicated Laundry Waste Pipe Wye	EA	1	0%	1	\$ 31.26	\$ 65.70	\$ 96.96	\$ 96.96
	Reducer								
188	2" / 1-1/2" Dia Dedicated Laundry Waste Pipe Reduc	EA	18	0%	18	\$ 10.42	\$ 4.36	\$ 14.78	\$ 266.04
189	3" / 2" Dia Dedicated Laundry Waste Pipe Reducer	EA	3	0%	3	\$ 15.63	\$ 13.40	\$ 29.03	\$ 87.09
	Perimeter Drain Pipe Underground								
	Cast Iron Pipe & Fittings								
190	4" Dia Perimeter Drain Pipe (Size assumed)	LF	14	10%	16	\$ 2.98	\$ 10.70	\$ 13.68	\$ 218.05
	Vent Pipe Underground								
	Cast Iron Pipe & Fittings								
191	1-1/4" Dia Vent Pipe	LF	12	10%	13	\$ 1.35	\$ 5.68	\$ 7.03	\$ 92.41
192	2" Dia Vent Pipe	LF	86	10%	95	\$ 1.86	\$ 6.90	\$ 8.76	\$ 829.47
193	3" Dia Vent Pipe	LF	65	10%	72	\$ 2.23	\$ 8.22	\$ 10.45	\$ 748.09
194	4" Dia Vent Pipe	LF	14	10%	15	\$ 2.98	\$ 10.70	\$ 13.68	\$ 208.11
	Vent Pipe Fittings								
	Elbow								
195	1-1/4" Dia Vent Pipe 90 Deg Elbow	EA	4	0%	4	\$ 7.86	\$ 12.25	\$ 20.11	\$ 80.44
196	2" Dia Vent Pipe 90 Deg Elbow	EA	10	0%	10	\$ 9.30	\$ 14.80	\$ 24.10	\$ 241.00
197	3" Dia Vent Pipe 90 Deg Elbow	EA	4	0%	4	\$ 13.03	\$ 15.60	\$ 28.63	\$ 114.52

BREAKDOWN OF ITEMS

Prepared for:
 Project ID:
 Scope: **Plumbing**



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
198	4" Dia Vent Pipe 90 Deg Elbow	EA	5	0%	5	\$ 18.61	\$ 28.30	\$ 46.91	\$ 234.55
199	3" Dia Vent Pipe 45 Deg Elbow	EA	2	0%	2	\$ 13.03	\$ 16.36	\$ 29.39	\$ 58.78
	Vent Pipe								
	Schedule 40 PVC Pipe & Fittings								
200	1-1/4" Dia Vent Pipe	LF	1536	10%	1690	\$ 1.30	\$ 1.49	\$ 2.79	\$ 4,713.98
201	1-1/2" Dia Vent Pipe	LF	1235	10%	1359	\$ 1.49	\$ 1.76	\$ 3.25	\$ 4,415.95
202	2" Dia Vent Pipe	LF	283	10%	312	\$ 1.68	\$ 1.83	\$ 3.51	\$ 1,094.17
203	3" Dia Vent Pipe	LF	715	10%	786	\$ 2.05	\$ 4.61	\$ 6.66	\$ 5,236.84
204	4" Dia Vent Pipe	LF	242	10%	266	\$ 2.60	\$ 5.37	\$ 7.97	\$ 2,119.51
	Vent Pipe Fittings								
	Elbow								
205	1-1/2" Dia Vent Pipe 90 Deg Elbow	EA	102	0%	102	\$ 6.70	\$ 1.47	\$ 8.17	\$ 833.34
206	1-1/4" Dia Vent Pipe 90 Deg Elbow	EA	158	0%	158	\$ 5.96	\$ 1.39	\$ 7.35	\$ 1,161.30
207	2" Dia Vent Pipe 90 Deg Elbow	EA	28	0%	28	\$ 7.44	\$ 2.31	\$ 9.75	\$ 273.00
208	3" Dia Vent Pipe 90 Deg Elbow	EA	32	0%	32	\$ 11.17	\$ 8.42	\$ 19.59	\$ 626.88
209	4" Dia Vent Pipe 90 Deg Elbow	EA	20	0%	20	\$ 18.61	\$ 15.20	\$ 33.81	\$ 676.20
210	1-1/2" Dia Vent Pipe 45 Deg Elbow	EA	1	0%	1	\$ 6.70	\$ 2.09	\$ 8.79	\$ 8.79
211	1-1/4" Dia Vent Pipe 45 Deg Elbow	EA	2	0%	2	\$ 5.96	\$ 1.67	\$ 7.63	\$ 15.26
212	4" Dia Vent Pipe 45 Deg Elbow	EA	4	0%	4	\$ 18.61	\$ 19.60	\$ 38.21	\$ 152.84
	Tee								
213	1-1/4" Dia Vent Pipe Tee	EA	33	0%	33	\$ 8.19	\$ 1.61	\$ 9.80	\$ 323.40
214	1-1/2" Dia Vent Pipe Tee	EA	31	0%	31	\$ 9.30	\$ 1.79	\$ 11.09	\$ 343.79
215	2" Dia Vent Pipe Tee	EA	8	0%	8	\$ 10.42	\$ 2.31	\$ 12.73	\$ 101.84
216	3" Dia Vent Pipe Tee	EA	16	0%	16	\$ 15.63	\$ 12.10	\$ 27.73	\$ 443.68
217	4" Dia Vent Pipe Tee	EA	4	0%	4	\$ 20.84	\$ 22.60	\$ 43.44	\$ 173.76
218	1-1/2" / 1-1/4" Dia Vent Pipe Tee	EA	42	0%	42	\$ 9.30	\$ 3.06	\$ 12.36	\$ 519.12
219	2" / 1-1/4" Dia Vent Pipe Tee	EA	3	0%	3	\$ 10.42	\$ 4.36	\$ 14.78	\$ 44.34
220	2" / 1-1/2" Dia Vent Pipe Tee	EA	8	0%	8	\$ 10.42	\$ 4.36	\$ 14.78	\$ 118.24
221	3" / 1-1/4" Dia Vent Pipe Tee	EA	8	0%	8	\$ 15.63	\$ 13.40	\$ 29.03	\$ 232.24
222	3" / 1-1/2" Dia Vent Pipe Tee	EA	24	0%	24	\$ 15.63	\$ 13.40	\$ 29.03	\$ 696.72
223	3" / 2" Dia Vent Pipe Tee	EA	1	0%	1	\$ 15.63	\$ 13.40	\$ 29.03	\$ 29.03
224	4" / 1-1/4" Dia Vent Pipe Tee	EA	1	0%	1	\$ 20.84	\$ 22.60	\$ 43.44	\$ 43.44
225	4" / 1-1/2" Dia Vent Pipe Tee	EA	1	0%	1	\$ 20.84	\$ 22.60	\$ 43.44	\$ 43.44
	Reducer								
226	1-1/2" / 1-1/4" Dia Vent Pipe Reducer	EA	30	0%	30	\$ 9.30	\$ 3.06	\$ 12.36	\$ 370.80
227	2" / 1-1/4" Dia Vent Pipe Reducer	EA	2	0%	2	\$ 10.42	\$ 4.36	\$ 14.78	\$ 29.56
228	2" / 1-1/2" Dia Vent Pipe Reducer	EA	11	0%	11	\$ 10.42	\$ 4.36	\$ 14.78	\$ 162.58
229	3" / 1-1/4" Dia Vent Pipe Reducer	EA	8	0%	8	\$ 15.63	\$ 13.40	\$ 29.03	\$ 232.24
230	3" / 1-1/2" Dia Vent Pipe Reducer	EA	4	0%	4	\$ 15.63	\$ 13.40	\$ 29.03	\$ 116.12
231	3" / 2" Dia Vent Pipe Reducer	EA	11	0%	11	\$ 15.63	\$ 13.40	\$ 29.03	\$ 319.33
232	4" / 1-1/2" Dia Vent Pipe Reducer	EA	3	0%	3	\$ 20.84	\$ 22.60	\$ 43.44	\$ 130.32
233	4" / 2" Dia Vent Pipe Reducer	EA	3	0%	3	\$ 20.84	\$ 22.60	\$ 43.44	\$ 130.32
234	4" / 3" Dia Vent Pipe Reducer	EA	3	0%	3	\$ 20.84	\$ 22.60	\$ 43.44	\$ 130.32
	Sudsing Relief Vent Pipe								
	Schedule 40 PVC Pipe & Fittings								
235	3" Dia Sudsing Relief Vent Pipe	LF	31	10%	34	\$ 2.05	\$ 4.61	\$ 6.66	\$ 228.86
	Sudsing Relief Vent Pipe Fittings								
	Elbow								
236	3" Dia Sudsing Relief Vent Pipe 90 Deg Elbow	EA	1	0%	1	\$ 11.17	\$ 8.42	\$ 19.59	\$ 19.59
237	3" Dia Sudsing Relief Vent Pipe 45 Deg Elbow	EA	1	0%	1	\$ 11.17	\$ 11.00	\$ 22.17	\$ 22.17
	Drain & Cleanouts								
238	2" Dia P-10: Floor Drain, SMITH, 2005Y, Trap Primer, S	EA	41	0%	41	\$ 56.94	\$ 118.00	\$ 174.94	\$ 7,172.54
239	3" Dia P-15: Roof Drains, JAY R SMITH DX1010-CID, R	EA	13	0%	13	\$ 61.25	\$ 557.23	\$ 618.48	\$ 8,040.24
240	4" Dia P-16: Garage Floor Drains, JAY R SMITH 2250	EA	7	0%	7	\$ 68.00	\$ 213.52	\$ 281.52	\$ 1,970.64
241	4" Dia P-17: Linear Trench Drain, ACO K200 KLASSIK	EA	1	0%	1	\$ 65.00	\$ 230.00	\$ 295.00	\$ 295.00
242	2" Dia CO, Cleanout	EA	5	0%	5	\$ 45.00	\$ 36.00	\$ 81.00	\$ 405.00
243	3" Dia CO, Cleanout	EA	19	0%	19	\$ 51.10	\$ 39.11	\$ 90.21	\$ 1,713.99
244	4" Dia CO, Cleanout	EA	31	0%	31	\$ 54.75	\$ 48.15	\$ 102.90	\$ 3,189.90
245	5" Dia CO, Cleanout	EA	7	0%	7	\$ 58.26	\$ 56.36	\$ 114.62	\$ 802.34
246	6" Dia CO, Cleanout	EA	2	0%	2	\$ 63.25	\$ 62.20	\$ 125.45	\$ 250.90
247	8" Dia CO, Cleanout	EA	2	0%	2	\$ 67.68	\$ 78.36	\$ 146.04	\$ 292.08
	Plumbing Fixtures								
248	P-1: Toilet, TOTO DRAKE CS1744EL, Seat and Cover, B	EA	57	0%	57	\$ 165.00	\$ 378.25	\$ 543.25	\$ 30,965.25
249	P-2: Lavatory, TOTO LT401.4, Faucet, SYMONS SLS-2C	EA	63	0%	63	\$ 120.00	\$ 294.53	\$ 414.53	\$ 26,115.39
250	P-4: Bath Tub, AMERICAN STANDARD 239X.202 PRIN	EA	41	0%	41	\$ 185.00	\$ 1,166.65	\$ 1,351.65	\$ 55,417.65
251	P-5: Shower Base, KOHLER K-1935 BALLAST, Shower \	EA	8	0%	8	\$ 95.00	\$ 685.36	\$ 780.36	\$ 6,242.88
252	P-6: Ada Shower Unit, COMFORT DESIGNS SST 6232	EA	6	0%	6	\$ 150.00	\$ 342.25	\$ 492.25	\$ 2,953.50
253	P-7: Kitchen Sink, ELKAY DPC1322 DAYTON, Faucet, D	EA	45	0%	45	\$ 145.00	\$ 978.65	\$ 1,123.65	\$ 50,564.25
254	P-11: Laundry Valve, WATTS A2C-WB-M, Laundry Pa	EA	43	0%	43	\$ 125.00	\$ 608.00	\$ 733.00	\$ 31,519.00
255	P-20: Amenity Room Toilet, AMERICAN STANDARD 33	EA	1	0%	1	\$ 165.00	\$ 530.25	\$ 695.25	\$ 695.25

BREAKDOWN OF ITEMS

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Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
256	P-21: Amenity Room Lavatory, AMERICAN STANDARD	EA	1	0%	1	\$ 120.65	\$ 892.81	\$ 1,013.46	\$ 1,013.46
257	P-22: Dog Wash Station, FLYING PIG GROOMING FP	EA	1	0%	1	\$ 195.00	\$ 1,850.25	\$ 2,045.25	\$ 2,045.25
Pumps									
258	ES-1: Elevator Sump Pump, ZOELLER FLOW MATE N13	EA	1	0%	1	\$ 145.00	\$ 895.00	\$ 1,040.00	\$ 1,040.00
259	GS-1: Gas, Oil & Sand Separator	EA	1	0%	1	\$ 250.00	\$ 2,752.00	\$ 3,002.00	\$ 3,002.00
260	SE-1: Building Waste Sewage Ejector Pump: ZOELLER J	EA	1	0%	1	\$ 300.00	\$ 650.00	\$ 950.00	\$ 950.00
261	SE-2: GS&O Sewage Ejector Pump: ZOELLER (2) M264	EA	1	0%	1	\$ 300.00	\$ 900.00	\$ 1,200.00	\$ 1,200.00
262	SE-4: Clean Groundwater Pump	EA	1	0%	1	\$ 300.00	\$ 1,330.00	\$ 1,630.00	\$ 1,630.00
Misc.									
263	3/4" Dia TV-1, Thermostatic Mixing Valve, HONEYWEL	EA	42	0%	42	\$ 25.00	\$ 146.01	\$ 171.01	\$ 7,182.42
264	2-1/2" Dia Gas Pressure Regulator (Size assumed)	EA	3	0%	3	\$ 48.00	\$ 2,010.00	\$ 2,058.00	\$ 6,174.00
265	2-1/2" Dia Gas Shut-Off Valve (Size assumed)	EA	1	0%	1	\$ 45.00	\$ 33.15	\$ 78.15	\$ 78.15
266	1-1/2" Dia Gas Shut-Off Valve	EA	41	0%	41	\$ 38.00	\$ 27.36	\$ 65.36	\$ 2,679.76
267	2" Dia Ball Valve	EA	1	0%	1	\$ 40.00	\$ 73.66	\$ 113.66	\$ 113.66
268	3/4" Dia Gas Union	EA	42	0%	42	\$ 14.00	\$ 7.19	\$ 21.19	\$ 889.98
269	3/4" Dia Gas Isolation Valve With Integral 1/8" NPT T	EA	42	0%	42	\$ 25.00	\$ 28.65	\$ 53.65	\$ 2,253.30
270	3/4" Dia Gas Dirt Pocket	EA	42	0%	42	\$ 25.00	\$ 32.00	\$ 57.00	\$ 2,394.00
271	3/4" Dia Gas Shut-Off Valve	EA	42	0%	42	\$ 25.00	\$ 24.69	\$ 49.69	\$ 2,086.98
272	1-1/4" Dia Pipe Cap	EA	1	0%	1	\$ 6.00	\$ 8.45	\$ 14.45	\$ 14.45
273	2" Dia Pipe Cap	EA	1	0%	1	\$ 6.00	\$ 11.49	\$ 17.49	\$ 17.49
274	4" Dia Pipe Cap	EA	2	0%	2	\$ 6.00	\$ 13.06	\$ 19.06	\$ 38.12
275	3" Dia VTR, Cast Iron	EA	1	0%	1	\$ 21.00	\$ 29.36	\$ 50.36	\$ 50.36
276	4" Dia VTR, Vent Through Roof	EA	8	0%	8	\$ 25.00	\$ 38.25	\$ 63.25	\$ 506.00
277	Gas Meter	EA	44	0%	44	\$ 125.00	\$ 371.25	\$ 496.25	\$ 21,835.00
278	1-1/2" Dia Meter By BWSC	EA	1	0%	1	\$ -	\$ -	\$ -	\$ -
279	1-1/4" Dia Pipe Cap	EA	1	0%	1	\$ 6.00	\$ 11.49	\$ 17.49	\$ 17.49
280	2" Dia Ball Valve	EA	1	0%	1	\$ 40.00	\$ 73.65	\$ 113.65	\$ 113.65
281	2" Dia Pipe Cap	EA	1	0%	1	\$ 6.00	\$ 11.49	\$ 17.49	\$ 17.49
282	1/2" Dia Ball Valve	EA	300	0%	300	\$ 19.00	\$ 9.08	\$ 28.08	\$ 8,424.00
Hot Water Heater									
283	Dwelling Unit Water Heater (By MC)	EA	42	0%	42	\$ 185.00	\$ 635.00	\$ 820.00	\$ 34,440.00
284	DHW-2: POU Electric Domestic Water Heater, ECOSM	EA	1	0%	1	\$ 120.00	\$ 373.00	\$ 493.00	\$ 493.00
285	DHW-3: POU Electric Domestic Water Heater, EEMAX	EA	1	0%	1	\$ 150.00	\$ 330.00	\$ 480.00	\$ 480.00
Water Heater Accessories									
286	1-1/2" Dia Gas Shut Off Valve	EA	42	0%	42	\$ 28.60	\$ 69.95	\$ 98.55	\$ 4,139.10
287	3/4" Dia Ball valve	EA	336	0%	336	\$ 25.00	\$ 11.35	\$ 36.35	\$ 12,213.60
288	1-1/2" Dia Union	EA	42	0%	42	\$ 11.00	\$ 12.32	\$ 23.32	\$ 979.44
289	1-1/2" Dia End Cap	EA	42	0%	42	\$ 6.00	\$ 9.99	\$ 15.99	\$ 671.58
290	3/4" Dia Backwater Valve	EA	126	0%	126	\$ 25.00	\$ 37.70	\$ 62.70	\$ 7,900.20
291	3/4" Dia Pressure Reducing Valve	EA	42	0%	42	\$ 36.00	\$ 129.65	\$ 165.65	\$ 6,957.30
292	3/4" Thermostatic 3-Way Valve	EA	42	0%	42	\$ 25.00	\$ 35.99	\$ 60.99	\$ 2,561.58
293	3/4" Dia Gas Shut Off Valve	EA	42	0%	42	\$ 25.00	\$ 24.69	\$ 49.69	\$ 2,086.98
294	Circulator Pump	EA	42	0%	42	\$ 95.00	\$ 307.00	\$ 402.00	\$ 16,884.00
295	1-1/2" Dia Relief Valve	EA	84	0%	84	\$ 28.00	\$ 31.75	\$ 59.75	\$ 5,019.00
Domestic Water Service Entry Detail									
296	4" Dia Ball Valve	EA	6	0%	6	\$ 35.00	\$ 85.65	\$ 120.65	\$ 723.90
297	MTU: Local Utility Shall Furnish & Install Meter Transmiss	EA	2	0%	2	\$ 21.00	\$ 28.50	\$ 49.50	\$ 99.00
298	4" Dia Union	EA	2	0%	2	\$ 18.00	\$ 15.74	\$ 33.74	\$ 67.48
299	4" Dia RPZ: Reduced Pressure Zone Valve	EA	1	0%	1	\$ 250.00	\$ 4,612.00	\$ 4,862.00	\$ 4,862.00
300	4" Dia Pressure Reducing Valve	EA	1	0%	1	\$ 120.00	\$ 4,293.00	\$ 4,413.00	\$ 4,413.00
301	4" Dia End Cap	EA	1	0%	1	\$ 7.25	\$ 16.36	\$ 23.61	\$ 23.61
Gas Service Entry Detail									
302	1-1/4" Dia Reduced Pressure Zone Backflow Preventer	EA	1	0%	1	\$ 65.00	\$ 748.50	\$ 813.50	\$ 813.50
303	1-1/4" Dia Shut Off Valve	EA	1	0%	1	\$ 25.00	\$ 22.86	\$ 47.86	\$ 47.86
304	1-1/4" Dia Gas Cock	EA	2	0%	2	\$ 21.00	\$ 47.00	\$ 68.00	\$ 136.00
No Hub Couplings									
305	1-1/4" Dia Coupling	EA	10	0%	10	\$ 21.55	\$ 8.65	\$ 30.20	\$ 302.00
306	1-1/2" Dia Coupling	EA	7	0%	7	\$ 25.55	\$ 13.25	\$ 38.80	\$ 271.60
307	2" Dia Coupling	EA	48	0%	48	\$ 29.20	\$ 18.22	\$ 47.42	\$ 2,276.16
308	3" Dia Coupling	EA	15	0%	15	\$ 36.50	\$ 22.65	\$ 59.15	\$ 887.25
309	4" Dia Coupling	EA	138	0%	138	\$ 40.15	\$ 34.85	\$ 75.00	\$ 10,350.00
310	6" Dia Coupling	EA	3	0%	3	\$ 43.80	\$ 43.25	\$ 87.05	\$ 261.15
311	8" Dia Coupling	EA	10	0%	10	\$ 45.36	\$ 48.36	\$ 93.72	\$ 937.20
PVC Couplings									
312	1-1/4" Dia Coupling	EA	153	0%	153	\$ 21.55	\$ 9.05	\$ 30.60	\$ 4,681.80
313	1-1/2" Dia Coupling	EA	212	0%	212	\$ 25.55	\$ 14.50	\$ 40.05	\$ 8,490.60
314	2" Dia Coupling	EA	168	0%	168	\$ 29.20	\$ 19.11	\$ 48.31	\$ 8,116.08
315	3" Dia Coupling	EA	142	0%	142	\$ 36.50	\$ 24.55	\$ 61.05	\$ 8,669.10
316	4" Dia Coupling	EA	131	0%	131	\$ 40.15	\$ 36.18	\$ 76.33	\$ 9,999.23
317	5" Dia Coupling	EA	37	0%	37	\$ 41.65	\$ 41.36	\$ 83.01	\$ 3,071.37

BREAKDOWN OF ITEMS

Prepared for:
 Project ID:
 Scope: **Plumbing**



Date:

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
318	6" Dia Coupling	EA	6	0%	6	\$ 43.80	\$ 45.05	\$ 88.85	\$ 533.10
319	8" Dia Coupling	EA	5	0%	5	\$ 45.36	\$ 49.65	\$ 95.01	\$ 475.05
Pipe Support									
320	1/2" Dia Adjustable Clevis Hanger	EA	814	0%	814	\$ 5.48	\$ 1.42	\$ 6.90	\$ 5,616.60
321	3/4" Dia Adjustable Clevis Hanger	EA	334	0%	334	\$ 6.94	\$ 1.70	\$ 8.64	\$ 2,885.76
322	1" Dia Adjustable Clevis Hanger	EA	31	0%	31	\$ 8.74	\$ 1.99	\$ 10.73	\$ 332.63
323	1-1/4" Dia Adjustable Clevis Hanger	EA	348	0%	348	\$ 10.22	\$ 2.17	\$ 12.39	\$ 4,311.72
324	1-1/2" Dia Adjustable Clevis Hanger	EA	1063	0%	1063	\$ 11.68	\$ 2.60	\$ 14.28	\$ 15,179.64
325	2" Dia Adjustable Clevis Hanger	EA	174	0%	174	\$ 13.14	\$ 4.19	\$ 17.33	\$ 3,015.42
326	2-1/2" Dia Adjustable Clevis Hanger	EA	7	0%	7	\$ 13.14	\$ 4.65	\$ 17.79	\$ 124.53
327	3" Dia Adjustable Clevis Hanger	EA	142	0%	142	\$ 13.14	\$ 7.37	\$ 20.51	\$ 2,912.42
328	4" Dia Adjustable Clevis Hanger	EA	131	0%	131	\$ 14.60	\$ 8.85	\$ 23.45	\$ 3,071.95
329	5" Dia Adjustable Clevis Hanger	EA	37	0%	37	\$ 15.20	\$ 9.68	\$ 24.88	\$ 920.56
330	6" Dia Adjustable Clevis Hanger	EA	6	0%	6	\$ 16.06	\$ 11.50	\$ 27.56	\$ 165.36
331	8" Dia Adjustable Clevis Hanger	EA	5	0%	5	\$ 17.85	\$ 13.25	\$ 31.10	\$ 155.50
332	3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	2590	0%	2590	\$ 18.25	\$ 4.72	\$ 22.97	\$ 59,492.30
333	1/2" Dia Threaded Rod (1 Ea. = 1 FT)	EA	454	0%	454	\$ 21.90	\$ 6.15	\$ 28.05	\$ 12,734.70
334	5/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	48	0%	48	\$ 23.00	\$ 7.25	\$ 30.25	\$ 1,452.00
Trenching & Backfilling									
335	Excavation & Backfilling (3' Deep x 1' Wide Trench) including all labor and material/equipment.	CFT	2370	0%	2370	\$ 3.26	\$ -	\$ 3.26	\$ 7,726.20

SUBTOTAL \$ 967,315

	PROJECTED COST		\$1,036,815
OVERHEAD AND PROFIT	0.1	0.1	10%
INSURANCE	0.03	0.03	3%
CONTINGENCY	0.05	0.05	5%
TAX	0.0625	0.0625	6.25%
SUGGESTED BID			\$1,262,290

Note:

1. Please verify the equipment's and their prices with owner.
2. For tree plantation average prices are use. Please verify according to tree type.
3. Online sources are used for pricing.
4. Prices can vary depending upon field conditions.

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