

## GENERAL SUMMARY



<b>Project Name:</b>	
<b>Project Location:</b>	
<b>Date:</b>	
<b>Scope:</b>	<b>Plumbing</b>

**DEVCON ESTIMATING**  
[www.devconestimating.com](http://www.devconestimating.com)  
[sales@devconestimating.com](mailto:sales@devconestimating.com)

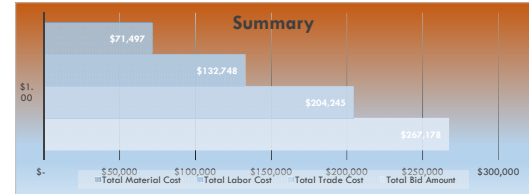
BUILDING GSF	1989		
DIVISION NO.	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	\$ 21,700	\$ 11
22000	Plumbing	\$ 204,245	\$ 103
<b>TOTAL TRADE COST</b>		<b>\$ 225,945</b>	<b>\$ 114</b>
<b>Total Material Cost</b>		\$ 71,497	
<b>Total Labor Cost</b>		\$ 132,748	
<b>Total Trade Cost</b>		\$ 204,245	
<b>Sales Tax</b>		6%	\$ 4,469
<b>Overhead &amp; Profit</b>		10%	\$ 20,425
<b>Insurance</b>		3%	\$ 6,127
<b>General Requirements</b>		-	\$ 21,700
<b>Contingency</b>		5%	\$ 10,212
<b>Total Bid Amount</b>		<b>\$ 267,178</b>	
<b>Total Manhours</b>			\$ 948



**BREAKDOWN OF ITEMS**



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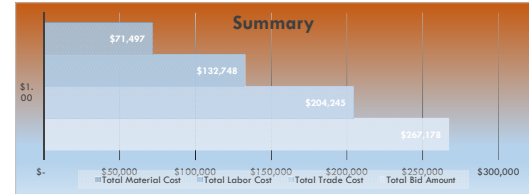
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								HOURL Y WAGE	LABOR COST	MAT. COST			
<b>GENERAL REQUIREMENTS</b>													
1		Permits	LS	1	0%	1	0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2		Supervision and Coordination	LS	1	0%	1	0.00	\$ -	\$ -	\$ -	\$ -	\$ 6,500.00	\$ 6,500.00
3		Submittals and Shop drawings	LS	1	0%	1	0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4		Final Cleaning	LS	1	0%	1	0.00	\$ -	\$ -	\$ -	\$ -	\$ 1,000.00	\$ 1,000.00
5		Mobilization Costs	LS	1	0%	1	0.00	\$ -	\$ -	\$ -	\$ -	\$ 5,000.00	\$ 5,000.00
6		Temporary Control & Facilities	LS	1	0%	1	0.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7		Scaffolding	LS	1	0%	1	0.00	\$ -	\$ -	\$ -	\$ -	\$ 1,200.00	\$ 1,200.00
8		Equipment Costs	LS	1	0%	1	0.00	\$ -	\$ -	\$ -	\$ -	\$ 8,000.00	\$ 8,000.00
												<b>SUBTOTAL</b>	<b>\$ 21,700</b>
<b>PLUMBING</b>													
<b>SITE PLAN</b>													
<b>FIXTURE</b>													
9	PS1.0	Emergency Generator	EA	1	0%	1	1.98	\$ 140	\$ 277.20	\$ 1,199.00	\$ 1,476.20	\$ 1,476	
Assumed: DEWALT - 8000-Watt Electric Start Gas-Powered Portable Generator with Idle Control, GFCI Outlets and CO Protect													
<b>PIPE</b>													
10		2" Dia Gas Pipe To Generator	LF	281	10%	309	0.08	\$ 140	\$ 11.34	\$ 498	\$ 16.32	\$ 5,048	
Assumed: Black Steel Sch. 40 Pipe													
<b>JOINTS AND FITTINGS</b>													
11	PS1.0	2" Dia Elbow	EA	2	0%	2	0.72	\$ 140	\$ 100.81	\$ 1880	\$ 119.61	\$ 239	
12		2" Dia Elbow, 45*	EA	1	0%	1	0.72	\$ 140	\$ 100.81	\$ 2200	\$ 122.81	\$ 123	
<b>GAS PIPE CONNECTION</b>													
13		Drip Leg	EA	1	0%	1	0.14	\$ 140	\$ 18.90	\$ 11.00	\$ 29.90	\$ 30	
14		Threaded Plug	EA	1	0%	1	0.18	\$ 140	\$ 25.20	\$ 3.00	\$ 28.20	\$ 28	
15		1/4" Gas Pressure Test Port	EA	1	0%	1	0.23	\$ 140	\$ 31.50	\$ 39.00	\$ 70.50	\$ 71	
16	P6	Stop Cock And Plug	EA	1	0%	1	0.20	\$ 140	\$ 27.72	\$ 22.00	\$ 49.72	\$ 50	
17		Gas Regulator	EA	1	0%	1	0.45	\$ 140	\$ 63.00	\$ 28.00	\$ 91.00	\$ 91	
18		1" Dia Shut-Off Valve	EA	1	0%	1	0.27	\$ 140	\$ 37.80	\$ 25.00	\$ 62.80	\$ 63	
<b>PIPE WORK</b>													
<b>SANITARY PIPES (CAST IRON)</b>													
<b>Below Grade</b>													
19	D2 & D2.1	3" Dia Sanitary Sewer Pipe	LF	248	10%	273	0.23	\$ 140	\$ 31.50	\$ 20.00	\$ 51.50	\$ 14,040	

**BREAKDOWN OF ITEMS**



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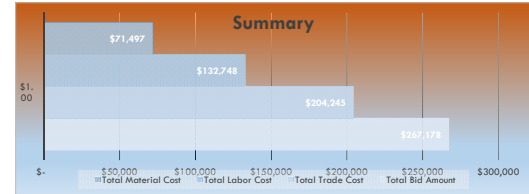


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								HOURLY WAGE	LABOR COST	MAT. COST			
20	P2.2 & P2.3	2" Dia Sanitary Sewer Pipe	LF	64	10%	71	0.21	\$ 140	\$ 28.98	\$ 11.29	\$ 40.27	\$ 2,847	
21		4" Dia Sanitary Sewer Pipe	LF	49	10%	54	0.25	\$ 140	\$ 34.78	\$ 23.00	\$ 57.78	\$ 3,138	
		<b>Above Ceiling</b>											
22	P2.2 & P2.3	2" Dia Sanitary Vent Pipe	LF	287	10%	315	0.21	\$ 140	\$ 28.98	\$ 11.29	\$ 40.27	\$ 12,698	
23		1-1/2" Dia Sanitary Vent Pipe	LF	12	10%	13	0.20	\$ 140	\$ 27.72	\$ 10.75	\$ 38.47	\$ 514	
		<b>In Wall</b>											
24	P5	2" Dia Sanitary Vent Pipe	LF	215	10%	237	0.21	\$ 140	\$ 28.98	\$ 11.29	\$ 40.27	\$ 9,542	
25		1-1/2" Dia Sanitary Vent Pipe	LF	33	10%	36	0.20	\$ 140	\$ 27.72	\$ 10.75	\$ 38.47	\$ 1,398	
26		2" Dia Sanitary Waste Pipe	LF	37	10%	41	0.21	\$ 140	\$ 28.98	\$ 11.29	\$ 40.27	\$ 1,651	
		<b>DOMESTIC WATER PIPES (TYPE L COPPER)</b>											
		<b>Above Ceiling</b>											
27	P3.1 & P3.2	1" Dia Cold Water Pipe	LF	33	10%	36	0.10	\$ 140	\$ 13.86	\$ 7.80	\$ 21.66	\$ 781	
28		3/4" Dia Cold Water Pipe	LF	219	10%	241	0.09	\$ 140	\$ 13.23	\$ 5.40	\$ 18.63	\$ 4,482	
29		3/4" Dia Hot Water Pipe	LF	137	10%	151	0.09	\$ 140	\$ 13.23	\$ 5.40	\$ 18.63	\$ 2,814	
30		3/4" Dia Hot Water Return Pipe	LF	32	10%	35	0.09	\$ 140	\$ 13.23	\$ 5.40	\$ 18.63	\$ 654	
31		1/2" Dia Cold Water Pipe	LF	204	10%	224	0.09	\$ 140	\$ 12.47	\$ 3.69	\$ 16.16	\$ 3,629	
32		1/2" Dia Hot Water Pipe	LF	172	10%	189	0.09	\$ 140	\$ 12.47	\$ 3.69	\$ 16.16	\$ 3,051	
		<b>In Wall</b>											
33	P5.1	1" Dia Cold Water Pipe	LF	6	10%	6	0.10	\$ 140	\$ 13.86	\$ 7.80	\$ 21.66	\$ 135	
34		3/4" Dia Cold Water Pipe	LF	12	10%	13	0.09	\$ 140	\$ 13.23	\$ 5.40	\$ 18.63	\$ 241	
35		1/2" Dia Cold Water Pipe	LF	199	10%	219	0.09	\$ 140	\$ 12.47	\$ 3.69	\$ 16.16	\$ 3,546	
36		1/2" Dia Hot Water Pipe	LF	100	10%	110	0.09	\$ 140	\$ 12.47	\$ 3.69	\$ 16.16	\$ 1,786	
		<b>STORM DRAINAGE PIPE</b>											
37	P2.2 & P2.3	6" Dia Storm Drainage Pipe	LF	39	10%	42	0.37	\$ 140	\$ 51.66	\$ 46.00	\$ 97.66	\$ 4,138	
38		4" Dia Storm Drainage Pipe	LF	39	10%	43	0.30	\$ 140	\$ 41.58	\$ 21.50	\$ 63.08	\$ 2,722	
39		3" Dia Storm Drainage Pipe	LF	50	10%	55	0.27	\$ 140	\$ 38.05	\$ 16.25	\$ 54.30	\$ 2,968	
40		3" Dia Over Storm Drainage Pipe	LF	116	10%	128	0.27	\$ 140	\$ 38.05	\$ 16.25	\$ 54.30	\$ 6,943	
41		6" Dia Over Storm Drainage Pipe	LF	23	10%	25	0.37	\$ 140	\$ 51.66	\$ 46.00	\$ 97.66	\$ 2,453	
		<b>MEDICAL GAS PIPES</b>											
42		Nitrogen Pipes	LF	173	10%	190	0.05	\$ 140	\$ 6.93	\$ 2.89	\$ 9.82	\$ 1,870	

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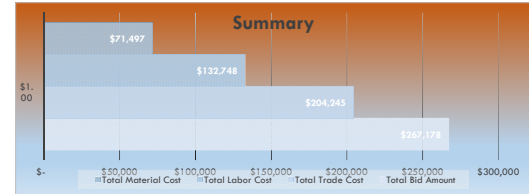
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								HOURL Y WAGE	LABOR COST	MAT. COST			
43	P3.1 & P5.2	Nitrous Oxide Pipes	LF	235	10%	258	0.05	\$ 140	\$ 6.93	\$ 2.89	\$ 9.82	\$ 2,539	
44		Oxygen Pipes	LF	192	10%	212	0.05	\$ 140	\$ 6.93	\$ 2.89	\$ 9.82	\$ 2,078	
45		Medical Volume Pipes	LF	214	10%	235	0.05	\$ 140	\$ 6.93	\$ 2.89	\$ 9.82	\$ 2,310	
46		Compressed Air Pipes	LF	204	10%	224	0.05	\$ 140	\$ 6.93	\$ 2.89	\$ 9.82	\$ 2,202	
<b>DOWNSPOUT</b>													
47	P5	2" X 2" Downspout	LF	162	10%	178	0.04	\$ 140	\$ 5.04	\$ 2.48	\$ 7.52	\$ 1,337	
<b>DRAINAGE VACUUM PIPES</b>													
48	P2	Drainage Vacuum Pipes	LF	195	10%	214	0.05	\$ 140	\$ 7.56	\$ 1.99	\$ 9.55	\$ 2,045	
<b>JOINTS AND FITTINGS</b>													
<b>SANITARY JOINTS</b>													
<b>Below Grade</b>													
49	P5	4" X 4" X 3" Dia Tee Joint	EA	6	0%	6	1.62	\$ 140	\$ 226.80	\$ 118.00	\$ 344.80	\$ 2,069	
50		4" X 4" X 2" Dia Tee Joint	EA	1	0%	1	1.46	\$ 140	\$ 204.12	\$ 112.00	\$ 316.12	\$ 316	
51		3" X 3" X 2" Dia Tee Joint	EA	12	0%	12	1.44	\$ 140	\$ 201.85	\$ 96.50	\$ 298.35	\$ 3,580	
52		3" X 3" X 2" Dia Wye Joint	EA	4	0%	4	1.44	\$ 140	\$ 201.85	\$ 96.50	\$ 298.35	\$ 1,193	
53		3" X 3" X 1-1/2" Dia Tee Joint	EA	2	0%	2	1.36	\$ 140	\$ 190.51	\$ 88.00	\$ 278.51	\$ 557	
54		3" X 2" X 3" Dia Tee Joint	EA	1	0%	1	1.45	\$ 140	\$ 202.99	\$ 102.00	\$ 304.99	\$ 305	
55		3" Dia Tee Joint	EA	3	0%	3	1.44	\$ 140	\$ 201.85	\$ 92.00	\$ 293.85	\$ 882	
56		2" Dia Tee Joint	EA	1	0%	1	1.30	\$ 140	\$ 181.44	\$ 59.00	\$ 240.44	\$ 240	
57		3" Dia Double Wye Comb Joint	EA	2	0%	2	1.44	\$ 140	\$ 201.85	\$ 96.50	\$ 298.35	\$ 597	
58		3" Dia Wye Comb Joint	EA	1	0%	1	1.44	\$ 140	\$ 201.85	\$ 96.50	\$ 298.35	\$ 298	
59		3" Dia Elbow	EA	6	0%	6	0.92	\$ 140	\$ 129.28	\$ 92.00	\$ 221.28	\$ 1,328	
60		2" Dia Elbow	EA	7	0%	7	0.81	\$ 140	\$ 113.40	\$ 65.00	\$ 178.40	\$ 1,249	
61		2" Dia Elbow, 45*	EA	2	0%	2	0.81	\$ 140	\$ 113.40	\$ 72.00	\$ 185.40	\$ 371	
62		3" Dia Elbow, 45*	EA	1	0%	1	0.92	\$ 140	\$ 129.28	\$ 98.00	\$ 227.28	\$ 227	
63		4" Dia Elbow	EA	1	0%	1	1.00	\$ 140	\$ 139.48	\$ 136.00	\$ 275.48	\$ 275	
<b>Above Grade</b>													
64		3" X 1-1/2" X 3" X 3" Dia Double Wye Comb Joint	EA	1	0%	1	1.34	\$ 140	\$ 187.79	\$ 105.50	\$ 293.29	\$ 293	
65		2" X 1-1/2" X 1-1/2" Dia Tee Joint	EA	2	0%	2	1.21	\$ 140	\$ 169.42	\$ 62.00	\$ 231.42	\$ 463	
66		2" X 1-1/2" X 2" Dia Tee Joint	EA	1	0%	1	1.24	\$ 140	\$ 173.50	\$ 69.00	\$ 242.50	\$ 243	
67		2" X 2" X 1-1/2" Dia Tee Joint	EA	2	0%	2	1.24	\$ 140	\$ 173.50	\$ 69.00	\$ 242.50	\$ 485	
68		2" Dia Tee Joint	EA	27	0%	27	1.17	\$ 140	\$ 163.30	\$ 59.00	\$ 222.30	\$ 6,002	

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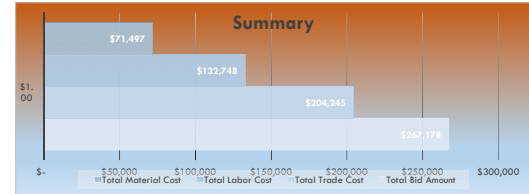


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69		2" Dia Double Wye Comb Joint	EA	1	0%	1	1.18	\$ 140	\$ 165.34	\$ 65.00	\$ 230.34	\$ 230	
70		1-1/2" Dia Elbow	EA	2	0%	2	0.66	\$ 140	\$ 91.85	\$ 55.00	\$ 146.85	\$ 294	
71		2" Dia Elbow	EA	25	0%	25	0.73	\$ 140	\$ 102.06	\$ 65.00	\$ 167.06	\$ 4,177	
72		3" Dia Elbow	EA	1	0%	1	0.83	\$ 140	\$ 116.35	\$ 92.00	\$ 208.35	\$ 208	
<b>DOMESTIC WATER JOINTS</b>													
73		1" Dia Elbow	EA	5	0%	5	0.41	\$ 140	\$ 56.70	\$ 13.45	\$ 70.15	\$ 351	
74		3/4" Dia Elbow	EA	12	0%	12	0.34	\$ 140	\$ 47.74	\$ 5.40	\$ 53.14	\$ 638	
75		1/2" Dia Elbow	EA	93	0%	93	0.32	\$ 140	\$ 45.36	\$ 2.49	\$ 47.85	\$ 4,450	
76		1" X 1" X 3/4" Dia Tee Joint	EA	1	0%	1	0.65	\$ 140	\$ 90.72	\$ 26.00	\$ 116.72	\$ 117	
77	P5.1	1" X 1" X 1/2" Dia Tee Joint	EA	1	0%	1	0.66	\$ 140	\$ 92.99	\$ 30.00	\$ 122.99	\$ 123	
78		3/4" X 3/4" X 1/2" Dia Tee Joint	EA	19	0%	19	0.53	\$ 140	\$ 74.84	\$ 14.25	\$ 89.09	\$ 1,693	
79		3/4" X 1/2" X 1/2" Dia Tee Joint	EA	4	0%	4	0.55	\$ 140	\$ 77.11	\$ 17.50	\$ 94.61	\$ 378	
80		3/4" Dia Tee Joint	EA	2	0%	2	0.53	\$ 140	\$ 74.84	\$ 14.25	\$ 89.09	\$ 178	
81		1/2" Dia Tee Joint	EA	6	0%	6	0.47	\$ 140	\$ 65.77	\$ 4.12	\$ 69.89	\$ 419	
<b>STORM DRAINAGE JOINTS</b>													
82		3" Dia Elbow	EA	6	0%	6	0.56	\$ 140	\$ 78.25	\$ 9.55	\$ 87.80	\$ 527	
83		6" Dia Elbow	EA	2	0%	2	1.17	\$ 140	\$ 163.30	\$ 54.50	\$ 217.80	\$ 436	
84		3" Dia Elbow, 45*	EA	2	0%	2	0.57	\$ 140	\$ 79.27	\$ 12.20	\$ 91.47	\$ 183	
85		6" Dia Elbow, 45*	EA	2	0%	2	1.17	\$ 140	\$ 163.30	\$ 55.00	\$ 218.30	\$ 437	
86		6" Dia Wye Joint	EA	1	0%	1	1.76	\$ 140	\$ 245.96	\$ 82.50	\$ 328.46	\$ 328	
87	P5	6" X 4" X 3" Dia Tee Joint	EA	1	0%	1	1.54	\$ 140	\$ 215.46	\$ 78.00	\$ 293.46	\$ 293	
88		6" X 3" X 3" X 3" Dia Double Wye Comb Joint	EA	1	0%	1	1.58	\$ 140	\$ 221.13	\$ 81.50	\$ 302.63	\$ 303	
<b>VACUUM DRAINAGE JOINTS</b>													
89		Elbow	EA	12	0%	12	0.62	\$ 140	\$ 86.94	\$ 9.55	\$ 96.49	\$ 1,158	
90		Tee Joint	EA	7	0%	7	0.63	\$ 140	\$ 88.07	\$ 12.20	\$ 100.27	\$ 702	
<b>MEDICAL GAS JOINTS</b>													
91	P5.2	Elbow	EA	92	0%	92	0.62	\$ 140	\$ 86.94	\$ 9.55	\$ 96.49	\$ 8,877	
92		Tee Joint	EA	20	0%	20	0.63	\$ 140	\$ 88.07	\$ 12.20	\$ 100.27	\$ 2,005	
<b>PLUMBING VALVES</b>													
93	P3.1	3/4" Dia Ball Valve	EA	2	0%	2	0.41	\$ 140	\$ 56.70	\$ 23.77	\$ 80.47	\$ 161	

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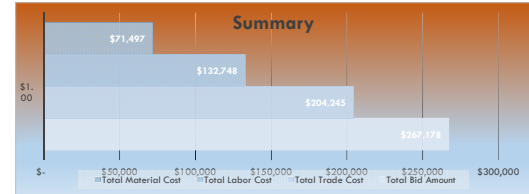
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94	P5.1	Tag:Prv-01, Pressure Reducing Valve, Size: 1", Flow Rate: 32 Fpm, Manufacturer: Zurn Wilkins, Model: 600X1	EA	1	0%	1	1.22	\$ 140	\$ 170.10	\$ 346.25		\$ 516.35	\$ 516
		<b>PIPE SUPPORTS</b>											
		<b>COPPER HOLDRITE</b>											
95		Copper Holdrite For Plumbing Fixtures	EA	13	0%	13	0.08	\$ 140	\$ 11.34	\$ 1.97		\$ 13.31	\$ 173
		<b>PLUMBING SLEEVES</b>											
		<b>SANITARY SEWER</b>											
		<b>Fixtures</b>											
96		3" Dia Sleeve	EA	8	0%	8	0.14	\$ 140	\$ 20.16	\$ 7.33		\$ 27.49	\$ 220
97		1-1/2" Dia Sleeve	EA	6	0%	6	0.14	\$ 140	\$ 20.16	\$ 3.85		\$ 24.01	\$ 144
98		2" Dia Sleeve	EA	6	0%	6	0.14	\$ 140	\$ 20.16	\$ 5.11		\$ 25.27	\$ 152
		<b>Underground</b>											
99		4" Dia Sleeve	EA	2	0%	2	0.14	\$ 140	\$ 20.16	\$ 8.10		\$ 28.26	\$ 57
100		3" Dia Sleeve	EA	6	0%	6	0.14	\$ 140	\$ 20.16	\$ 7.33		\$ 27.49	\$ 165
		<b>STORM DRAINAGE SLEEVES</b>											
101		6" Dia Sleeve	EA	2	0%	2	0.16	\$ 140	\$ 22.93	\$ 11.70		\$ 34.63	\$ 69
102		3" Dia Sleeve	EA	4	0%	4	0.14	\$ 140	\$ 20.16	\$ 7.33		\$ 27.49	\$ 110
		<b>PLUMBING EQUIPMENT</b>											
103	P5.1	Tag:Ewh-01, Electric Water Heater, 30 Gallons, 1Ph/208V/60Hz, Model: A.O. Smith Del-30	EA	1	0%	1	4.68	\$ 140	\$ 655.20	\$ 2,171.00		\$ 2,826.20	\$ 2,826
104	P7	Circulator	EA	1	0%	1	1.44	\$ 140	\$ 201.60	\$ 249.90		\$ 451.50	\$ 452
105		Temperature And Pressure Relief Valve	EA	1	0%	1	0.61	\$ 140	\$ 85.68	\$ 150.71		\$ 236.39	\$ 236
106	P5.1	Tag:Et-01, Expansion Tank, 2 Gallons, Manufacturer: Amtrol, Model: St-5	EA	1	0%	1	0.42	\$ 140	\$ 58.72	\$ 72.00		\$ 130.72	\$ 131
107		Tag:Cp-01, Vacuum Pump, 1Phase/115V/60Hz, Model: Taco 009	EA	1	0%	1	1.67	\$ 140	\$ 233.10	\$ 392.95		\$ 626.05	\$ 626
108		Timer/Aquastat	EA	1	0%	1	0.54	\$ 140	\$ 75.60	\$ 153.00		\$ 228.60	\$ 229
		<b>PLUMBING FIXTURES</b>											
109	P5.1	Tag:L-01, Lavatory-Public, Vigo Glass Vessel Sink Model Vg07005	EA	2	0%	2	1.80	\$ 140	\$ 252.00	\$ 234.00		\$ 486.00	\$ 972

**BREAKDOWN OF ITEMS**



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Overhead & Profit	10%	\$ 20,425
Insurance	3%	\$ 6,127.35
General Requirements	-	\$ 21,700
Contingency	5%	\$ 10,212
<b>Total Bid Amount</b>		<b>\$ 267,178</b>
<b>Total Manhours</b>		<b>\$ 948</b>



Project Name: \_\_\_\_\_  
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 Scope: **Plumbing**

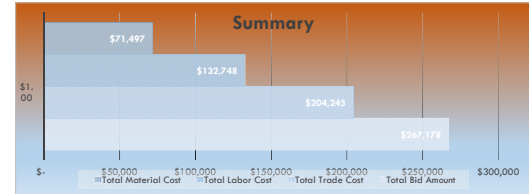
SR #	Drawing #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	LABOR		MATERIAL		SUB COST
								HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	
110	P7	Vigo Dior Vessel Bathroom Faucet Model Vg03003	EA	2	0%	2	0.79	\$ 140	\$ 110.88	\$ 126.57	\$ 237.45	\$ 475
111	P5.1	Tag:L-02, Lavatory-Public, American Standard Ovalyn Undercounter Sink Model 0495.221	EA	4	0%	4	1.80	\$ 140	\$ 252.00	\$ 136.00	\$ 388.00	\$ 1,552
112	P7	American Standard Selectronic Electronic Proximity Faucet	EA	4	0%	4	1.10	\$ 140	\$ 153.72	\$ 363.00	\$ 516.72	\$ 2,067
113		Pwr Long Life Battery Powered Model: 6053.105	EA	4	0%	4	1.10	\$ 140	\$ 153.72	\$ 454.20	\$ 607.92	\$ 2,432
114		Thermostatic Mixing Valve 605Xtmv1070	EA	4	0%	4	0.59	\$ 140	\$ 81.90	\$ 124.28	\$ 206.18	\$ 825
115		Tag:L-03, Lavatory-Private, 4Duravit.Happy D.2 "Plus" Square Vessel Sink	EA	1	0%	1	1.80	\$ 140	\$ 252.00	\$ 409.50	\$ 661.50	\$ 662
116	P7	Kohler Deck Mounted Faucet, Model: K-73168-4	EA	1	0%	1	1.10	\$ 140	\$ 153.72	\$ 637.91	\$ 791.63	\$ 792
117		Thermostatic Mixing Valve 605Xtmv1070	EA	1	0%	1	0.59	\$ 140	\$ 81.90	\$ 124.28	\$ 206.18	\$ 206
118	P5.1	Tag:Wc-01, Water Closet-Public, American Standard Vormax Height Elongated Toilet	FA	6	0%	6	1.80	\$ 140	\$ 252.00	\$ 329.90	\$ 581.90	\$ 3,491
119	P7	Floor Mounted Water Closet Tank, Model: 238Aa.104.	EA	6	0%	6	1.31	\$ 140	\$ 182.70	\$ 314.00	\$ 496.70	\$ 2,980
120		Seat And Cover: 5901.100	EA	6	0%	6	0.34	\$ 140	\$ 47.88	\$ 34.00	\$ 81.88	\$ 491
121	P5.1	Tag:Wc-02, Water Closet-Private, Duravit.Happy D.2 Dual Flush Mounted, One Piece Elongated Toilet	EA	1	0%	1	1.98	\$ 140	\$ 277.20	\$ 650.00	\$ 927.20	\$ 927
122	P7	In-Wall Tank Dura System	EA	1	0%	1	1.49	\$ 140	\$ 207.90	\$ 570.91	\$ 778.81	\$ 779
123		In-Wall Carrier	EA	1	0%	1	0.78	\$ 140	\$ 109.62	\$ 106.95	\$ 216.57	\$ 217
124	P5.1	Tag:Hb-01, 1/2" Dia Hosebib	EA	1	0%	1	0.41	\$ 140	\$ 57.96	\$ 17.99	\$ 75.95	\$ 76
125	P7	Chicago Faucet	EA	1	0%	1	1.10	\$ 140	\$ 153.72	\$ 291.89	\$ 445.61	\$ 446
126	P5.1	Tag:Sh-01, Shower-Private	EA	1	0%	1	2.39	\$ 140	\$ 333.90	\$ 970.81	\$ 1,304.71	\$ 1,305
127	P7	Kohler.Clearfo Tile-In Shower Drain, Model: K-9135	EA	1	0%	1	0.50	\$ 140	\$ 69.30	\$ 76.45	\$ 145.75	\$ 146
128		Trim Kit: Kohler, Awaken Showering Kit, Model: K-26914-Y	EA	1	0%	1	1.26	\$ 140	\$ 176.40	\$ 230.44	\$ 406.84	\$ 407
129		Rainhead	EA	1	0%	1	0.83	\$ 140	\$ 115.92	\$ 133.07	\$ 248.99	\$ 249
130		Rainhead Arm With Flange	EA	1	0%	1	0.57	\$ 140	\$ 79.38	\$ 89.00	\$ 168.38	\$ 168
131		Wall Mount Supply Elbow With Check Valve	EA	1	0%	1	0.45	\$ 140	\$ 63.00	\$ 47.00	\$ 110.00	\$ 110
132		24" Slidebar	EA	1	0%	1	0.52	\$ 140	\$ 73.08	\$ 80.00	\$ 153.08	\$ 153
133		Valve Trim	EA	1	0%	1	0.38	\$ 140	\$ 52.92	\$ 31.99	\$ 84.91	\$ 85
134		P5.1	Tag:Sk-01, Sink, Elkay Lrad312255 Lustertone Classic Stainless Steel, Single-Bowl Drop In Sink, Dimensions: 22" X 19-1/2" X 10-1/2"	EA	1	0%	1	1.76	\$ 140	\$ 245.70	\$ 865.00	\$ 1,110.70
135	P7	American Standard Mounterrey 6409.170 Two Handle Top-Mount Kitchen Faucet With Gooseneck Spout	EA	1	0%	1	0.90	\$ 140	\$ 126.00	\$ 184.80	\$ 310.80	\$ 311
136	P5.1	Tag:Ms-01, Mop Sink, Flat Products. Molded Stone Integral Drain Mob Service Basin, Msbid2424	EA	1	0%	1	1.53	\$ 140	\$ 214.20	\$ 234.50	\$ 448.70	\$ 449
137	P7	Hose&Bracket, Model: 832Aa	EA	1	0%	1	0.34	\$ 140	\$ 47.88	\$ 33.21	\$ 81.09	\$ 81
138		Mop Hanger, Model 889Cc	EA	1	0%	1	0.41	\$ 140	\$ 56.70	\$ 51.00	\$ 107.70	\$ 108
139	P5	Tag:Ms-02, Utility Sink, Mustee Laundry/Utility Tub Model #14Cp Utilatub, 20 Gallon Capacity With Extra Deep 13" Tub	EA	1	0%	1	1.62	\$ 140	\$ 226.80	\$ 139.00	\$ 365.80	\$ 366



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Project Name: \_\_\_\_\_  
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SR #	Drawing #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	LABOR		MATERIAL		SUB COST
								HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	
140	P7	Combo-Pack With Faucet	EA	1	0%	1	1.10	\$ 140	\$ 153.72	\$ 141.54	\$ 295.26	\$ 295
141		Supply Lines	EA	1	0%	1	0.11	\$ 140	\$ 15.12	\$ 6.13	\$ 21.25	\$ 21
142		P-Trap	EA	1	0%	1	0.14	\$ 140	\$ 18.90	\$ 9.80	\$ 28.70	\$ 29
143		Drain Stopper	EA	1	0%	1	0.05	\$ 140	\$ 7.56	\$ 2.40	\$ 9.96	\$ 10
144		Steel Legs With Adjustable Levers	EA	1	0%	1	0.24	\$ 140	\$ 34.02	\$ 26.50	\$ 60.52	\$ 61
145	P5	Tag:Bfp-01, Back-Flow Preventor, Size: 1", Flow Rate: 21 Gpm, Manufacturer: Watts, Model: Lf909Qt-S	EA	1	0%	1	1.23	\$ 140	\$ 172.62	\$ 2,232.41	\$ 2,405.03	\$ 2,405
146	P5.1	Tag:Ewc-01, Bottle Filling Water Cooler, Model: Hthb-Hacg8Ss-Wf	EA	1	0%	1	3.60	\$ 140	\$ 504.00	\$ 2,022.76	\$ 2,526.76	\$ 2,527
147	P7	Halsey Taylor Hydroboost Bottle Filling Station	EA	1	0%	1	1.62	\$ 140	\$ 226.80	\$ 529.00	\$ 755.80	\$ 756
148	P5.1	Tag:Rh-01, Roof Hydrant, Freeze less Roof Hydrant, Woodford Srh-Ms No Drain Line	EA	1	0%	1	1.40	\$ 140	\$ 195.30	\$ 557.36	\$ 752.66	\$ 753
149	P7	3/4" Dia Male Hose Thread Outlet	EA	1	0%	1	0.59	\$ 140	\$ 83.16	\$ 50.53	\$ 133.69	\$ 134
150	P5.1	Tag:Wh-01, Wall Hydrant	EA	1	0%	1	1.17	\$ 140	\$ 163.80	\$ 204.90	\$ 368.70	\$ 369
151	P7	Woodford Freeze less Anti-Siphon Wall Faucet Model: 17	EA	1	0%	1	0.74	\$ 140	\$ 103.32	\$ 48.38	\$ 151.70	\$ 152
152	P5.1	3/4" Dia Male Hose Thread Outlet	EA	1	0%	1	0.59	\$ 140	\$ 83.16	\$ 50.53	\$ 133.69	\$ 134
153	P5.1	Tag:Fco-02, Floor Cleanout, Pvc.Round, Nickel-Bronze, Model: Sioux Chief 834 Series- Finish Line	EA	3	0%	3	0.52	\$ 140	\$ 73.08	\$ 68.99	\$ 142.07	\$ 426
154	P7	Adjustable Housing	EA	3	0%	3	0.20	\$ 140	\$ 27.72	\$ 13.90	\$ 41.62	\$ 125
155		Clamping Collar	EA	6	0%	6	0.13	\$ 140	\$ 17.64	\$ 7.90	\$ 25.54	\$ 153
156		Cover Plate	EA	3	0%	3	0.09	\$ 140	\$ 12.60	\$ 3.80	\$ 16.40	\$ 49
157		Cleanout Plug	EA	3	0%	3	0.11	\$ 140	\$ 15.37	\$ 4.47	\$ 19.84	\$ 60
158		Caulking	EA	3	0%	3	0.09	\$ 140	\$ 12.60	\$ 5.00	\$ 17.60	\$ 53
159	P5.1	Tag:Fco-01, Floor Cleanout, Pvc.Round, Nickel-Bronze, Model: Sioux Chief 834 Series- Finish Line	EA	2	0%	2	0.52	\$ 140	\$ 73.08	\$ 68.99	\$ 142.07	\$ 284
160	P7	Adjustable Housing	EA	2	0%	2	0.20	\$ 140	\$ 27.72	\$ 13.90	\$ 41.62	\$ 83
161		Clamping Collar	EA	4	0%	4	0.13	\$ 140	\$ 17.64	\$ 7.90	\$ 25.54	\$ 102
162		Cover Plate	EA	2	0%	2	0.09	\$ 140	\$ 12.60	\$ 3.80	\$ 16.40	\$ 33
163		Cleanout Plug	EA	2	0%	2	0.11	\$ 140	\$ 15.37	\$ 4.47	\$ 19.84	\$ 40
164		Caulking	EA	2	0%	2	0.09	\$ 140	\$ 12.60	\$ 5.00	\$ 17.60	\$ 35
165	P5	Tag:Wco-01, 4" Dia Wall Cleanout	EA	1	0%	1	0.52	\$ 140	\$ 73.08	\$ 86.49	\$ 159.57	\$ 160
166	P7	12" X 12" Square Access Door	EA	1	0%	1	0.12	\$ 140	\$ 16.76	\$ 15.90	\$ 32.66	\$ 33
167		Cleanout Plug	EA	1	0%	1	0.11	\$ 140	\$ 15.37	\$ 4.47	\$ 19.84	\$ 20
168		Anchor Flag And Fasteners	EA	2	0%	2	0.18	\$ 140	\$ 25.20	\$ 16.20	\$ 41.40	\$ 83
169	P5.1	Tag:Rd-01, 3" Dia Roof Drain	EA	3	0%	3	0.57	\$ 140	\$ 79.38	\$ 78.75	\$ 158.13	\$ 474
170	P7	Tag:Fd-01, 3" Dia Floor Drain	EA	4	0%	4	0.47	\$ 140	\$ 65.52	\$ 47.99	\$ 113.51	\$ 454
<b>PIPE ACCESSORIES</b>												

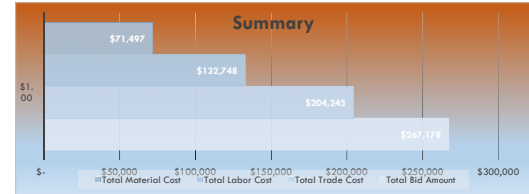


**BREAKDOWN OF ITEMS**



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 Date: \_\_\_\_\_  
 Scope: **Plumbing**

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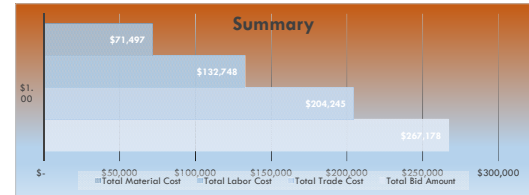
SR #	Drawing #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	LABOR		MATERIAL		SUB COST
								HOURL Y WAGE	LABOR COST	MAT. COST	UNIT COST	
<b>VENT THURU ROOF</b>												
171	P5	3" Dia Vent Thuru Roof	EA	2	0%	2	0.40	\$ 140	\$ 55.44	\$ 31.81	\$ 87.25	\$ 175
172	P6	Reinforcing Ring	EA	4	0%	4	0.11	\$ 140	\$ 15.12	\$ 8.70	\$ 23.82	\$ 95
173		Water-Proof Clamping Ring	EA	2	0%	2	0.06	\$ 140	\$ 8.32	\$ 3.60	\$ 11.92	\$ 24
174		Water Cutt-Off Mastic	EA	2	0%	2	0.09	\$ 140	\$ 12.60	\$ 5.00	\$ 17.60	\$ 35
<b>HANGERS - Price already included in Piping</b>												
175		Clevis Hanger For 2" Vent Pipes @ 5' O.C.	EA	57	0%	57						
176		3/8" Dia Threaded Hanger Rod	EA	57	0%	57						
177		3" X 3" X 1/4" Angle With Two 3/8" Thru Bolts, Nuts & Washers, 6' Long	EA	57	0%	57						
178		1-5/8" Uni Strut	EA	57	0%	57						
179		Clevis Hanger For 1-1/2" Vent Pipes @ 5' O.C.	EA	2	0%	2						
180		3/8" Dia Threaded Hanger Rod	EA	2	0%	2						
181		3" X 3" X 1/4" Angle With Two 3/8" Thru Bolts, Nuts & Washers, 6' Long	EA	2	0%	2						
182		1-5/8" Uni Strut	EA	2	0%	2						
183		Clevis Hanger For 1/2" Water Pipes @ 5' O.C.	EA	75	0%	75						
184		3/8" Dia Threaded Hanger Rod	EA	75	0%	75						
185		3" X 3" X 1/4" Angle With Two 3/8" Thru Bolts, Nuts & Washers, 6' Long	EA	75	0%	75						
186		1-5/8" Uni Strut	EA	75	0%	75						
187		Clevis Hanger For 3/4" Water Pipes @ 5' O.C.	EA	78	0%	78						
188		3/8" Dia Threaded Hanger Rod	EA	78	0%	78						
189		3" X 3" X 1/4" Angle With Two 3/8" Thru Bolts, Nuts & Washers, 6' Long	EA	78	0%	78						
190		1-5/8" Uni Strut	EA	78	0%	78						
191		Clevis Hanger For 1" Water Pipes @ 5' O.C.	EA	6	0%	6						
192		3/8" Dia Threaded Hanger Rod	EA	6	0%	6						
193		3" X 3" X 1/4" Angle With Two 3/8" Thru Bolts, Nuts & Washers, 6' Long	EA	6	0%	6						
194		1-5/8" Uni Strut	EA	6	0%	6						

**BREAKDOWN OF ITEMS**



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								HOURL Y WAGE	LABOR COST	MAT. COST	UNIT COST	
<b>TRENCHING &amp; BACKFILLING</b>												
<b>SANITARY PIPES</b>												
195		Trenching	CY	13.370	10%	14.7	0.99	\$ 140	\$ 138.60	\$ -	\$ 138.60	\$ 2,038
196		Backfilling	CY	12.714	10%	14.0	0.63	\$ 140	\$ 88.20	\$ -	\$ 88.20	\$ 1,234
<b>STORM DRAINAGE PIPES</b>												
197		Trenching	CY	9.889	10%	10.9	0.99	\$ 140	\$ 138.60	\$ -	\$ 138.60	\$ 1,508
198		Backfilling	CY	9.026	10%	9.9	0.63	\$ 140	\$ 88.20	\$ -	\$ 88.20	\$ 876
											<b>SUBTOTAL</b>	\$ 204,245