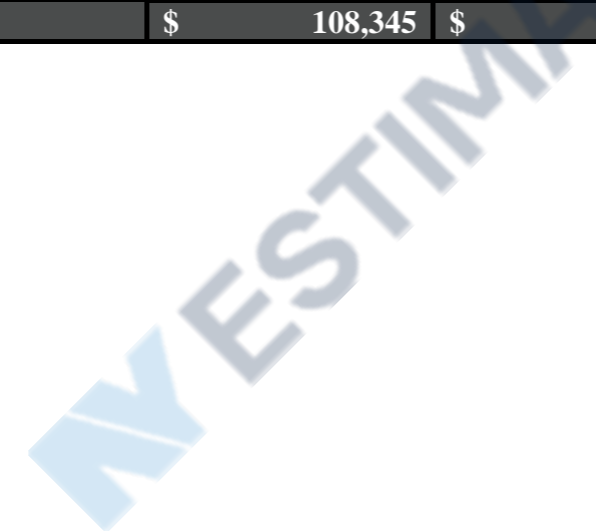
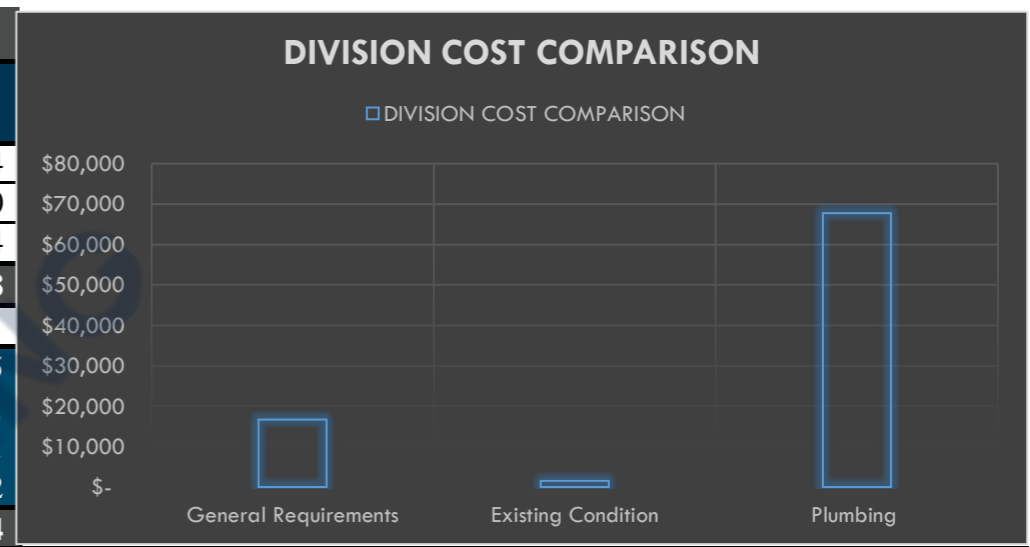


GENERAL SUMMARY

Prepared for:
Project ID:
Scope: Plumbing
No. Of Floors: 1
Date: 27-Nov-23



BUILDING GSF		4692	
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	\$ 16,700	\$ 4
2000	Existing Condition	\$ 1,545	\$ 0
22000	Plumbing	\$ 67,766	\$ 14
TOTAL TRADE COST		\$ 86,011	\$ 18
OVERHEAD AND PROFIT		15%	\$ 12,902
INSURANCE		3%	\$ 2,580
CONTINGENCY		5%	\$ 4,301
TAX		9.5%	\$ 2,551
SUGGESTED BID		\$ 108,345	\$ 24



DETAILED BREAKDOWN OF ITEMS

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



Date: **27-Nov-23**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
GENERAL REQUIREMENTS													
1			Permits	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2			Supervision and Coordination	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 6,000.00	\$ 6,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,200.00	\$ 1,200.00
4			Final Cleaning	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 1,500.00	\$ 1,500.00
5			Mobilization Costs	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 5,000.00	\$ 5,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ 3,000.00	\$ 3,000.00
7			Scaffolding	LS	1	0%	1	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
												SUBTOTAL \$ 16,700	

EXISTING CONDITIONS													
DEMOLITION													
8	A1.0		Remove Existing Kitchen Plumbing Fixtures And Appliances. Cap Off	EA	1	0%	1	1.750	\$ 85.00	\$ 148.75	\$ -	\$ 148.75	\$ 148.75
9			Existing Bath Tub To Be Removed	EA	1	0%	1	2.550	\$ 85.00	\$ 216.75	\$ -	\$ 216.75	\$ 216.75
10			Existing Water Closet To Be Removed	EA	3	0%	3	1.760	\$ 85.00	\$ 149.60	\$ -	\$ 149.60	\$ 448.80
11			Existing Lavatory To Be Removed	EA	3	0%	3	1.700	\$ 85.00	\$ 144.50	\$ -	\$ 144.50	\$ 433.50
12			Existing Urinal To Be Removed	EA	2	0%	2	1.750	\$ 85.00	\$ 148.75	\$ -	\$ 148.75	\$ 297.50
												SUBTOTAL \$ 1,545	

PLUMBING (SEE NOTE #1)													
COLD WATER PIPE (ABOVE GRADE)													
		As Per Given Specs	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
CPVC Pipe													
13			1/2" Dia Cold Water Pipe	LF	164	10%	180	0.035	\$ 85.00	\$ 2.98	\$ 1.10	\$ 4.08	\$ 735.13
14			3/4" Dia Cold Water Pipe	LF	15	10%	17	0.038	\$ 85.00	\$ 3.23	\$ 1.31	\$ 4.54	\$ 74.91
15			1" Dia Cold Water Pipe	LF	173	10%	191	0.047	\$ 85.00	\$ 4.00	\$ 2.05	\$ 6.05	\$ 1,152.03
16			1-1/4" Dia Cold Water Pipe	LF	30	10%	33	0.062	\$ 85.00	\$ 5.27	\$ 3.20	\$ 8.47	\$ 281.84
17			1-1/2" Dia Cold Water Pipe	LF	46	10%	51	0.084	\$ 85.00	\$ 7.14	\$ 4.41	\$ 11.55	\$ 584.81
1" Thick Preformed Fiberglass Insulation													
18			1/2" Dia Cold Water Pipe	LF	164	10%	180	0.067	\$ 85.00	\$ 5.70	\$ 2.25	\$ 7.95	\$ 1,433.28
19			3/4" Dia Cold Water Pipe	LF	15	10%	17	0.067	\$ 85.00	\$ 5.70	\$ 2.25	\$ 7.95	\$ 131.09
20			1" Dia Cold Water Pipe	LF	173	10%	191	0.067	\$ 85.00	\$ 5.70	\$ 2.25	\$ 7.95	\$ 1,514.12
21			1-1/4" Dia Cold Water Pipe	LF	30	10%	33	0.067	\$ 85.00	\$ 5.70	\$ 2.25	\$ 7.95	\$ 264.37
22			1-1/2" Dia Cold Water Pipe	LF	46	10%	51	0.067	\$ 85.00	\$ 5.70	\$ 2.25	\$ 7.95	\$ 402.28
COLD WATER PIPE FITTINGS													
ELBOW													
23			1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	27	0%	27	0.300	\$ 85.00	\$ 25.50	\$ 3.33	\$ 28.83	\$ 778.41
24			3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	2	0%	2	0.308	\$ 85.00	\$ 26.18	\$ 5.22	\$ 31.40	\$ 62.80
25			1" Dia Cold Water Pipe 90 Deg Elbow	EA	24	0%	24	0.352	\$ 85.00	\$ 29.92	\$ 6.62	\$ 36.54	\$ 876.88
26			1-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	2	0%	2	0.420	\$ 85.00	\$ 35.70	\$ 7.40	\$ 43.10	\$ 86.20
TEE													
27			1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	0.400	\$ 85.00	\$ 34.00	\$ 2.39	\$ 36.39	\$ 36.39
28			1" Dia Cold Water Pipe Tee	EA	9	0%	9	0.526	\$ 85.00	\$ 44.71	\$ 5.05	\$ 49.76	\$ 447.84
29			1" / 1/2" Dia Cold Water Pipe Tee	EA	5	0%	5	0.526	\$ 85.00	\$ 44.71	\$ 5.05	\$ 49.76	\$ 248.80
30			1" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.526	\$ 85.00	\$ 44.71	\$ 5.05	\$ 49.76	\$ 49.76
31			1-1/4" / 1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	0.593	\$ 85.00	\$ 50.41	\$ 7.65	\$ 58.06	\$ 58.06
32			1-1/4" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.593	\$ 85.00	\$ 50.41	\$ 7.65	\$ 58.06	\$ 58.06
33			1-1/4" / 1" Dia Cold Water Pipe Tee	EA	2	0%	2	0.593	\$ 85.00	\$ 50.41	\$ 7.65	\$ 58.06	\$ 116.11
34			1-1/2" / 1-1/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.610	\$ 85.00	\$ 51.85	\$ 11.25	\$ 63.10	\$ 63.10

DETAILED BREAKDOWN OF ITEMS

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



Date: **27-Nov-23**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST	
65	P1.01, P2.01 & P3.01		2" Dia Sanitary Pipe Wye	EA	11	0%	11	0.300	\$ 85.00	\$ 25.50	\$ 6.71	\$ 32.21	\$ 354.31	
			REDUCER											
66				4" / 2" Dia Sanitary Pipe Reducer	EA	8	0%	8	0.425	\$ 85.00	\$ 36.13	\$ 18.98	\$ 55.11	\$ 440.84
				VENT PIPE (ABOVE GRADE)										
			As Per Given Specs	Co-Extruded Schedule 40 PVC Pipe										
67				2" Dia Vent Pipe	LF	241	10%	265	0.086	\$ 85.00	\$ 7.32	\$ 3.18	\$ 10.50	\$ 2,782.61
68				3" Dia Vent Pipe	LF	22	10%	24	0.097	\$ 85.00	\$ 8.24	\$ 6.69	\$ 14.93	\$ 361.31
				VENT PIPE FITTINGS										
				ELBOW										
69				2" Dia Vent Pipe 90 Deg Elbow	EA	26	0%	26	0.300	\$ 85.00	\$ 25.50	\$ 5.41	\$ 30.91	\$ 803.66
				TEE										
70				2" Dia Vent Pipe Tee	EA	11	0%	11	0.300	\$ 85.00	\$ 25.50	\$ 6.71	\$ 32.21	\$ 354.31
71				3" Dia Vent Pipe Tee	EA	3	0%	3	0.390	\$ 85.00	\$ 33.15	\$ 13.37	\$ 46.52	\$ 139.56
72				3" / 2" Dia Vent Pipe Tee	EA	2	0%	2	0.390	\$ 85.00	\$ 33.15	\$ 13.37	\$ 46.52	\$ 93.04
				REDUCER										
73				3" / 2" Dia Vent Pipe Reducer	EA	6	0%	6	0.448	\$ 85.00	\$ 38.08	\$ 23.55	\$ 61.63	\$ 369.78
				CONDENSATE DRAIN PIPE (ABOVE GRADE)										
			As Per Given Specs	Co-Extruded Schedule 40 PVC Pipe										
74				1/2" Dia Drain Pipe	LF	6	10%	7	0.050	\$ 85.00	\$ 4.25	\$ 1.57	\$ 5.82	\$ 38.73
				CONDENSATE DRAIN PIPE FITTINGS										
				ELBOW										
75				1/2" Dia Drain Pipe 90 Deg Elbow	EA	1	0%	1	0.240	\$ 85.00	\$ 20.40	\$ 0.90	\$ 21.30	\$ 21.30
				GAS PIPE (BELOW GRADE)										
			Assumed	Schedule 80 Black Iron Pipe										
76				1-1/4" Dia Gas Pipe	LF	6	10%	7	0.100	\$ 85.00	\$ 8.50	\$ 6.55	\$ 15.05	\$ 99.33
				GAS PIPE FITTINGS										
				ELBOW										
77				1-1/4" Dia Gas Pipe 90 Deg Elbow	EA	2	0%	2	0.240	\$ 85.00	\$ 20.40	\$ 8.36	\$ 28.76	\$ 57.52
				GAS PIPE (ABOVE GRADE)										
		As Per Given Specs	Schedule 40 Black Iron Pipe											
78			1-1/4" Dia Gas Pipe	LF	66	10%	73	0.100	\$ 85.00	\$ 8.50	\$ 6.02	\$ 14.52	\$ 1,054.15	
			GAS PIPE FITTINGS											
			ELBOW											
79			1-1/4" Dia Gas Pipe 90 Deg Elbow	EA	4	0%	4	0.240	\$ 85.00	\$ 20.40	\$ 8.36	\$ 28.76	\$ 115.04	
			PLUMBING FIXTURES											
80			Kitchen Sink	EA	1	0%	1	2.250	\$ 85.00	\$ 191.25	\$ 455.00	\$ 646.25	\$ 646.25	
81			Lavatory	EA	1	0%	1	2.850	\$ 85.00	\$ 242.25	\$ 589.00	\$ 831.25	\$ 831.25	
82			Drinking Fountain	EA	1	0%	1	4.460	\$ 85.00	\$ 379.10	\$ 1,279.49	\$ 1,658.59	\$ 1,658.59	
83			Sink	EA	5	0%	5	2.200	\$ 85.00	\$ 187.00	\$ 418.00	\$ 605.00	\$ 3,025.00	
84			Urinal	EA	1	0%	1	2.500	\$ 85.00	\$ 212.50	\$ 477.00	\$ 689.50	\$ 689.50	
85			Water Closet	EA	8	0%	8	2.850	\$ 85.00	\$ 242.25	\$ 612.55	\$ 854.80	\$ 6,838.40	
			GAS WATER HEATER											
86		Assumed As New	GWH-01, Gas Water Heater	EA	1	0%	1	5.100	\$ 85.00	\$ 433.50	\$ 1,469.71	\$ 1,903.21	\$ 1,903.21	
			GAS WATER HEATER DETAIL											
87			Expansion Tank	EA	1	0%	1	1.770	\$ 85.00	\$ 150.45	\$ 145.00	\$ 295.45	\$ 295.45	
88			3/4" Dia Shut-off Valve	EA	3	0%	3	0.420	\$ 85.00	\$ 35.70	\$ 36.00	\$ 71.70	\$ 215.10	
89			3/4" Dia Check Valve	EA	1	0%	1	0.460	\$ 85.00	\$ 39.10	\$ 41.00	\$ 80.10	\$ 80.10	

DETAILED BREAKDOWN OF ITEMS

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



Date: **27-Nov-23**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
90			3/4" Dia Pressure Relief Valve	EA	1	0%	1	0.510	\$ 85.00	\$ 43.35	\$ 57.00	\$ 100.35	\$ 100.35
91			3/4" Dia Union	EA	2	0%	2	0.200	\$ 85.00	\$ 17.00	\$ 8.56	\$ 25.56	\$ 51.12
92			1-1/4" Dia Union	EA	1	0%	1	0.200	\$ 85.00	\$ 17.00	\$ 8.91	\$ 25.91	\$ 25.91
93			1-1/4" Dia Full Port Gas Valve	EA	1	0%	1	0.460	\$ 85.00	\$ 39.10	\$ 40.00	\$ 79.10	\$ 79.10
			MISCELLANEOUS										
94			Water Meter	EA	1	0%	1	1.400	\$ 85.00	\$ 119.00	\$ 215.00	\$ 334.00	\$ 334.00
95			Gas Meter	EA	1	0%	1	1.560	\$ 85.00	\$ 132.60	\$ 337.57	\$ 470.17	\$ 470.17
96			1/2" Dia Water Hammer Arrestor	EA	8	0%	8	0.310	\$ 85.00	\$ 26.35	\$ 13.47	\$ 39.82	\$ 318.56
97			3/4" Dia Water Hammer Arrestor	EA	1	0%	1	0.310	\$ 85.00	\$ 26.35	\$ 18.00	\$ 44.35	\$ 44.35
98			1" Dia Water Hammer Arrestor	EA	8	0%	8	0.350	\$ 85.00	\$ 29.75	\$ 23.99	\$ 53.74	\$ 429.92
99			3" Dia VTR: Vent Through Roof	EA	3	0%	3	0.780	\$ 85.00	\$ 66.30	\$ 133.80	\$ 200.10	\$ 600.30
			CLEANOUTS & DRAINS										
100			3" Dia Floor Drain	EA	3	0%	3	0.558	\$ 85.00	\$ 47.43	\$ 78.55	\$ 125.98	\$ 377.94
101			4" Dia Grade Cleanout	EA	3	0%	3	0.610	\$ 85.00	\$ 51.85	\$ 92.00	\$ 143.85	\$ 431.55
102			4" Dia Cleanout	EA	3	0%	3	0.610	\$ 85.00	\$ 51.85	\$ 92.00	\$ 143.85	\$ 431.55
			VALVES										
103			1/2" Dia Control Valve	EA	6	0%	6	0.450	\$ 85.00	\$ 38.25	\$ 45.00	\$ 83.25	\$ 499.50
104			3/4" Dia Control Valve	EA	4	0%	4	0.450	\$ 85.00	\$ 38.25	\$ 48.00	\$ 86.25	\$ 345.00
105			1" Dia Control Valve	EA	4	0%	4	0.450	\$ 85.00	\$ 38.25	\$ 52.94	\$ 91.19	\$ 364.76
106			1-1/4" Dia Safety Shutoff Valve	EA	1	0%	1	0.500	\$ 85.00	\$ 42.50	\$ 80.00	\$ 122.50	\$ 122.50
			CPVC COUPLING										
107			1/2" Dia	EA	33	0%	33	0.290	\$ 85.00	\$ 24.65	\$ 1.55	\$ 26.20	\$ 864.60
108			3/4" Dia	EA	8	0%	8	0.300	\$ 85.00	\$ 25.50	\$ 1.80	\$ 27.30	\$ 218.40
109			1" Dia	EA	17	0%	17	0.350	\$ 85.00	\$ 29.75	\$ 2.38	\$ 32.13	\$ 546.21
110			1-1/4" Dia	EA	3	0%	3	0.390	\$ 85.00	\$ 33.15	\$ 3.47	\$ 36.62	\$ 109.86
111			1-1/2" Dia	EA	4	0%	4	0.420	\$ 85.00	\$ 35.70	\$ 4.94	\$ 40.64	\$ 162.56
			PVC COUPLING										
112			2" Dia	EA	34	0%	34	0.280	\$ 85.00	\$ 23.80	\$ 3.57	\$ 27.37	\$ 930.58
113			3" Dia	EA	4	0%	4	0.300	\$ 85.00	\$ 25.50	\$ 4.88	\$ 30.38	\$ 121.52
114			4" Dia	EA	20	0%	20	0.321	\$ 85.00	\$ 27.29	\$ 6.25	\$ 33.54	\$ 670.70
			PIPE SUPPORT										
115			1/2" Dia Adjustable Clevis Hanger	EA	57	0%	57	0.056	\$ 85.00	\$ 4.76	\$ 1.62	\$ 6.38	\$ 363.66
116			3/4" Dia Adjustable Clevis Hanger	EA	13	0%	13	0.062	\$ 85.00	\$ 5.27	\$ 2.02	\$ 7.29	\$ 94.77
117			1" Dia Adjustable Clevis Hanger	EA	28	0%	28	0.075	\$ 85.00	\$ 6.38	\$ 2.45	\$ 8.83	\$ 247.10
118			1-1/4" Dia Adjustable Clevis Hanger	EA	16	0%	16	0.089	\$ 85.00	\$ 7.57	\$ 2.85	\$ 10.42	\$ 166.64
119			1-1/2" Dia Adjustable Clevis Hanger	EA	7	0%	7	0.120	\$ 85.00	\$ 10.20	\$ 3.65	\$ 13.85	\$ 96.95
120			2" Dia Adjustable Clevis Hanger	EA	28	0%	28	0.152	\$ 85.00	\$ 12.92	\$ 4.20	\$ 17.12	\$ 479.36
121			3" Dia Adjustable Clevis Hanger	EA	2	0%	2	0.182	\$ 85.00	\$ 15.47	\$ 4.65	\$ 20.12	\$ 40.24
122			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	121	0%	121	0.150	\$ 85.00	\$ 12.75	\$ 11.85	\$ 24.60	\$ 2,976.60
123			1/2" Dia Threaded Rod (1 Ea. = 1 FT)	EA	30	0%	30	0.185	\$ 85.00	\$ 15.73	\$ 16.25	\$ 31.98	\$ 959.25
			TRENCHING & BACKFILLING										
124			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	885	0%	885	0.068	\$ 85.00	\$ 5.78	\$ -	\$ 5.78	\$ 5,115.30

SUBTOTAL \$ 67,766

PROJECTED COST \$86,011

DETAILED BREAKDOWN OF ITEMS

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



Date: **27-Nov-23**

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
OVERHEAD AND PROFIT												15%	\$12,902
INSURANCE												3%	\$2,580
CONTINGENCY												5%	\$4,301
TAX												9.5%	\$2,551
SUGGESTED BID													\$108,345

Notes:

1. Grease Interceptor Was Not Shown On Plan

