

**DETAILED BREAKDOWN OF ITEMS**



Scope: **PLUMBING**  
Date: **17/8/2024**

TOTAL LABOR HOUR: **0.00**  
TOTAL LABOR COST: **\$ -**  
TOTAL MATERIAL COST: **\$ -**

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANBOUR	LABOR HOUR	HOURLY WAGE	LABOR COST	UNIT MAT. COST	MATERIAL COST	SUB COST
<b>DIV-22 PLUMBING</b>												
<b>GREASE WASTE PIPING</b>												
1	4" Grease Waste	103	LF	10%	113	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
2	2" Grease Waste	19	LF	10%	20	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
3	3" Grease Waste	61	LF	10%	67	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>STORM PIPING</b>												
4	4" Storm Drain Piping	27	LF	10%	30	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>SANITARY PIPING</b>												
5	4" Sanitary Waste Piping	37	LF	10%	41	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
6	3" Sanitary Waste Piping	28	LF	10%	31	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
7	2" Sanitary Waste Piping	10	LF	10%	10	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>VENT PIPING</b>												
8	3" Vent Piping	46	LF	10%	50	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
9	1 1/2" Vent Piping	18	LF	10%	20	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
10	2" Vent Piping	42	LF	10%	46	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>DOMESTIC PIPING</b>												
11	1/4" Filtered Water Piping	65	LF	10%	71	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
12	1/2" Soft Cold Water	20	LF	10%	22	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
13	1" Soft Cold Water	64	LF	10%	70	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
14	3/4" Soft Cold Water	94	LF	10%	103	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
15	1 1/4" Soft Cold Water	3	LF	10%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
16	1 1/2" Soft Cold Water	53	LF	10%	58	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
17	1/2" Soft Cold Water	6	LF	10%	7	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
18	3/4" Hot Water	113	LF	10%	125	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
19	1" Hot Water	9	LF	10%	10	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
20	1 1/2" Hot Water	56	LF	10%	62	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
21	1" Hot Water Return	15	LF	10%	16	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
22	1 1/2" Hot Water Return	20	LF	10%	22	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
23	3/4" Hot Water Return	80	LF	10%	88	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
24	3/4" Cold Water	95	LF	10%	104	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>GAS PIPING</b>												
25	1 1/4" Gas Piping	46	LF	10%	51	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
26	1" Gas Piping	7	LF	10%	8	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
27	2" Gas Piping	15	LF	10%	16	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
28	2 1/2" Gas Piping	13	LF	10%	15	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>OTHER PIPING</b>												
29	2" Sch 40 Black Steel Pipe	10	LF	10%	11	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
30	3/4" Sch 40 Black Steel Oil Pipe	19	LF	10%	21	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>GREASE WASTE FITTINGS</b>												
31	4" Grease Waste TEE	8	EA	0%	8	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
32	2" Grease Waste TEE	3	EA	0%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
33	4"x2" Grease Waste TEE	3	EA	0%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
34	4"x3" Grease Waste TEE	11	EA	0%	11	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
35	4" Grease Waste Elbow	10	EA	0%	10	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
36	3" Grease Waste Elbow	12	EA	0%	12	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
37	2" Grease Waste Elbow	9	EA	0%	9	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>STORM PIPING FITTINGS</b>												
38	4" Storm Drain Elbow	5	EA	0%	5	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
39	4" Storm Drain TEE	2	EA	0%	2	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>SANITARY PIPING FITTINGS</b>												
40	4" Sanitary Pipe TEE	2	EA	0%	2	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
41	2" Sanitary Pipe TEE	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
42	4"x3" Sanitary Pipe TEE	6	EA	0%	6	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
43	4"x2" Sanitary Pipe TEE	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
44	2" Sanitary Pipe Elbow	3	EA	0%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
45	3" Sanitary Pipe Elbow	4	EA	0%	4	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
46	4" Sanitary Pipe Elbow	4	EA	0%	4	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>VENT PIPING FITTINGS</b>												
47	3" Vent TEE	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
48	3"x2" Vent TEE	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
49	2"x1 1/2" Vent TEE	2	EA	0%	2	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
50	3" Vent Elbow	4	EA	0%	4	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
51	2" Vent Elbow	4	EA	0%	4	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
52	3"x1 1/2" Vent Elbow	2	EA	0%	2	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
53	1 1/2" Vent Elbow	2	EA	0%	2	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>DOMESTIC PIPING FITTINGS</b>												
54	1/4" Filtered Water Pipe TEE	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
55	1/4" Filtered Water Pipe Elbow	6	EA	0%	6	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
56	3/4" Soft Cold Elbow	16	EA	0%	16	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
57	3/4"x1/2" Soft Cold Elbow	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
58	1/2" Soft Cold Elbow	6	EA	0%	6	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
59	1 1/2" Soft Cold Elbow	3	EA	0%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
60	1 1/2"x1/2" Soft Cold Elbow	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
61	1 1/4" Soft Cold Elbow	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
62	1 1/4"x3/4" Soft Cold Elbow	2	EA	0%	2	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
63	1" Soft Cold Elbow	5	EA	0%	5	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
64	1"x3/4" Soft Cold TEE	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
65	3/4" Soft Cold TEE	3	EA	0%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
66	1 1/2" Soft Cold TEE	2	EA	0%	2	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
67	1 1/4"x1 1/2"x3/4" Soft Cold TEE	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
68	1 1/4" Soft Cold TEE	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
69	1 1/4"x1 1/2" Soft Cold TEE	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
70	1" Soft Cold TEE	2	EA	0%	2	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
71	1"x1/2" Soft Cold TEE	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
72	3/4" Hot Water Elbow	15	EA	0%	15	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
73	1/2" Hot Water Elbow	10	EA	0%	10	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
74	3/4" Hot Water TEE	3	EA	0%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
75	1"x3/4" Hot Water TEE	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
76	1"x1/2" Hot Water TEE	2	EA	0%	2	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
77	3/4" Hot Water Return Elbow	9	EA	0%	9	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
78	1/2" Hot Water Return Elbow	5	EA	0%	5	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
79	1"x3/4" Hot Water Return TEE	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
80	1"x1/2" Hot Water Return TEE	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
81	3/4" Cold Water Elbow	11	EA	0%	11	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
82	3/4" Cold Water TEE	3	EA	0%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>PLUMBING FIXTURES</b>												
83	Service Sink SS-1 Basin MFR:Model: Mustee 63M Faucet MFR:Model: Chicago 305	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
84	Lavatory L-1 MFR:Model: Brasscraft SCR1912AZX C	2	EA	0%	2	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -

**DETAILED BREAKDOWN OF ITEMS**

Scope: **PLUMBING**  
Date: **17/8/2024**



<b>TOTAL LABOR HOUR</b>	<b>TOTAL LABOR COST</b>	<b>TOTAL MATERIAL COST</b>
0.00	\$ -	\$ -

SR #	DESCRIPTION	QUANTITY	UNIT	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOURL	LABOR HOUR	HOURLY WAGE	LABOR COST	UNIT MAT. COST	MATERIAL COST	SUB COST
85	Water Closet WC-1H MFR/Model: AM STD 30463.716	2	EA	0%	2	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
86	Water Softener WS-1 MFR/Model: Addie H151-120	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
87	Hose Bib HB-1 MFR/Model: Zurn Z-1300-SS	2	EA	0%	2	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
91	Expansion Tank ET-1 MFR/Model: Fleeson PH.5	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
92	Circulating Pump P-1 MFR/Model: Grundfos NBF-8	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
93	Pressure Booster PB-1 MFR/Model: Taco Goulds 2AB210HM02	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
88	Instantaneous Gas Water Heater GWH-1	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
89	Instantaneous Gas Water Heater GWH-2	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
90	Instantaneous Gas Water Heater GWH-3	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
94	S-1: Sink	3	EA	0%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
95	S-2: Sink	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
96	S-3: Sink	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>PLUMBING FIXTURES</b>												
97	4" Grease Waste Floor Cleanout	3	EA	0%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
98	4" Grease Waste Cleanout	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
99	3" Sanitary Floor Cleanout	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
100	4" Sanitary Floor Cleanout	3	EA	0%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
101	Wall Cleanout	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
102	Self Operating Temperature Actuated Valve	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>DRAINS</b>												
103	Floor Drain FD-1	8	EA	0%	8	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
104	Floor Drain FD-2	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
105	Floor Drain FD-3	5	EA	0%	5	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
106	Floor Drain FD-4	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
107	Hub Drain HD-R	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>VALVES</b>												
108	Shut Off Valve	45	EA	0%	45	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
109	Balance Valve	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
110	Emergency Gas Shut Off Valve	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
111	T&P Relief Valve	3	EA	0%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
112	Full Port Drain Valve "Apollo" 70104HC	6	EA	0%	6	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
113	Check Valve	2	EA	0%	2	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
114	Thermostatic Mixing Valve TMV-1 Manufacturer: Leonard Model: LFed80-11	3	EA	0%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
<b>MISC.</b>												
115	3" VTR	3	EA	0%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
116	Union	3	EA	0%	3	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
117	Reducer	4	EA	0%	4	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
118	Switching Relay "Taco SR 502-HC-4	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
119	Honeywell "Aquatat L4006"	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
120	Compact Flow Switch "TruFlo FES-005-2"	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
121	BFP-1	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
122	BFP-2	2	EA	0%	2	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
123	Pressure Gauge w/ Gauge Cocks	1	EA	0%	1	0.000	0.000	\$ -	\$ -	\$ -	\$ -	\$ -
											<b>SUBTOTAL</b>	\$ -
<b>PROJECTED COST</b>												\$0
<b>PROFIT</b>											15%	\$0
<b>OVERHEAD</b>											15%	\$0
<b>MATERIAL MARKUP</b>											10%	\$0
<b>TAX</b>											9%	\$0
<b>SUGGESTED BID</b>												\$0