

Design To Estimate

SR #	DWG. NO.	DETAIL NO.	CSI NO	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT LABOR	UNIT MATERIAL	UNIT COST	LABOR SUB TOTAL	MATERIAL SUB TOTAL	TOTAL COST	SUB TOTALS
01 00 00 GENERAL CONDITIONS															
1				Final & Daily Cleanup	1	0%	1	LS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2				Project Planning, Coordination & Layout	1	0%	1	LS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sub Total															\$ -
22 00 00 PLUMBING															
DOMESTIC PIPING															
COLD WATER PIPE "TYPE L Hard Drawn COPPER"															
3	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		1/2" Cold Water Pipe	152	10%	167	LF	\$ 10.36	\$ 3.80	\$ 14.2	\$ 1,730	\$ 635	\$ 2,365	
4	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		1/2" Cold Water Pipe Down In Wall W/Shutoff Valve On Riser	45	10%	50	LF	\$ 14.25	\$ 5.90	\$ 20.2	\$ 705	\$ 292	\$ 997	
5	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		3/4" Cold Water Pipe	60	10%	66	LF	\$ 12.90	\$ 6.20	\$ 19.1	\$ 851	\$ 409	\$ 1,261	
6	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		3/4" Cold Water Pipe Up Inside Wall	30	10%	33	LF	\$ 12.90	\$ 6.20	\$ 19.1	\$ 426	\$ 205	\$ 630	
7	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		3/4" Cold Water Pipe Down In Wall	45	10%	50	LF	\$ 12.90	\$ 6.20	\$ 19.1	\$ 639	\$ 307	\$ 945	
8	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		3/4" Cold Water Pipe Down In Wall W/Shutoff Valve On Riser	60	10%	66	LF	\$ 17.75	\$ 9.30	\$ 27.1	\$ 1,172	\$ 614	\$ 1,785	
9	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		1" Cold Water Pipe	166	10%	183	LF	\$ 15.66	\$ 8.94	\$ 24.6	\$ 2,867	\$ 1,637	\$ 4,504	
10	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		1" Cold Water Up Exposed On Wall Inside Water Meter Room	15	10%	17	LF	\$ 15.66	\$ 8.94	\$ 24.6	\$ 258	\$ 148	\$ 406	
11	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		1/2" Cold Water Riser Plumbing Fixture	55	10%	61	LF	\$ 10.36	\$ 3.80	\$ 14.2	\$ 627	\$ 230	\$ 857	
12	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		1 1/2" Cold Water Riser Plumbing Fixture	20	10%	22	LF	\$ 20.38	\$ 13.32	\$ 33.7	\$ 448	\$ 293	\$ 741	
13	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		3/4" Cold Water Riser Plumbing Fixture	6	10%	7	LF	\$ 12.90	\$ 6.20	\$ 19.1	\$ 85	\$ 41	\$ 126	
HOT WATER PIPE "TYPE L Hard Drawn COPPER"															
14	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		3/4" Hot Water Pipe	83	10%	92	LF	\$ 12.90	\$ 6.20	\$ 19.1	\$ 1,181	\$ 567	\$ 1,748	
15	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		3/4" Hot Water Pipe Down In Wall W/Shutoff Valve On Riser	30	10%	33	LF	\$ 17.75	\$ 9.30	\$ 27.1	\$ 586	\$ 307	\$ 893	
16	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		3/4" Hot Water Pipe Up	30	10%	33	LF	\$ 12.90	\$ 6.20	\$ 19.1	\$ 426	\$ 205	\$ 630	
17	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		1/2" Hot Water Return Pipe	31	10%	34	LF	\$ 10.36	\$ 3.80	\$ 14.2	\$ 354	\$ 130	\$ 484	
18	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		1/2" Hot Water Up Inside Wall	30	10%	33	LF	\$ 10.36	\$ 3.80	\$ 14.2	\$ 342	\$ 125	\$ 467	
19	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		1/2" Hot Water Return Down In Wall Water Shutoff Valve	15	10%	17	LF	\$ 14.25	\$ 5.90	\$ 20.2	\$ 235	\$ 97	\$ 332	
20	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		1/2" Hot Water Down In Wall W/Shutoff Valve On Riser	30	10%	33	LF	\$ 14.25	\$ 5.90	\$ 20.2	\$ 470	\$ 195	\$ 665	
21	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		1/2" Hot Water Risers Plumbing Fixture	25	10%	28	LF	\$ 10.36	\$ 3.80	\$ 14.2	\$ 285	\$ 105	\$ 389	
22	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		3/4" Hot Water Riser Plumbing Fixture	6	10%	7	LF	\$ 12.90	\$ 6.20	\$ 19.1	\$ 85	\$ 41	\$ 126	
23	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		2" Hot Water Riser Plumbing Fixture	15	10%	17	LF	\$ 28.77	\$ 22.10	\$ 50.9	\$ 475	\$ 365	\$ 839	
SANITARY PIPES & VENT PIPES															
WASTE PIPE "No-Hub Cast Iron"															
24	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		4" Waste Pipe	108	10%	119	LF	\$ 28.16	\$ 27.78	\$ 55.9	\$ 3,360	\$ 3,315	\$ 6,675	
25	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		4" Waste Pipe Down To Below Slab	75	10%	83	LF	\$ 28.16	\$ 27.78	\$ 55.9	\$ 2,323	\$ 2,292	\$ 4,615	
26	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		4" Waste Pipe Up To Floor Above	30	10%	33	LF	\$ 28.16	\$ 27.78	\$ 55.9	\$ 929	\$ 917	\$ 1,846	
27	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		4" Waste Pipe In Ceiling Space	15	10%	17	LF	\$ 28.16	\$ 27.78	\$ 55.9	\$ 465	\$ 458	\$ 923	
28	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		3" Waste Pipe	26	10%	29	LF	\$ 22.60	\$ 20.66	\$ 43.3	\$ 658	\$ 601	\$ 1,259	
29	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		3" Waste Pipe Down To Below Slab	10	10%	11	LF	\$ 22.60	\$ 20.66	\$ 43.3	\$ 249	\$ 227	\$ 476	
30	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		2" Waste Pipe Up Inside Wall	15	10%	17	LF	\$ 17.75	\$ 15.92	\$ 33.7	\$ 293	\$ 263	\$ 556	
31	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		2" Waste Pipe	131	10%	144	LF	\$ 17.75	\$ 15.92	\$ 33.7	\$ 2,557	\$ 2,294	\$ 4,851	
32	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		2" Waste Pipe Down To Slab	36	10%	40	LF	\$ 17.75	\$ 15.92	\$ 33.7	\$ 703	\$ 630	\$ 1,333	
33	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		2" Waste Pipe	12	10%	13	LF	\$ 17.75	\$ 15.92	\$ 33.7	\$ 235	\$ 211	\$ 446	
34	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		2" Waste Pipe Riser Plumbing Fixture	50	10%	55	LF	\$ 17.75	\$ 15.92	\$ 33.7	\$ 976	\$ 876	\$ 1,852	
35	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		3" Waste Pipe Riser Plumbing Fixture	6	10%	7	LF	\$ 22.60	\$ 20.66	\$ 43.3	\$ 149	\$ 136	\$ 286	
36	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note		4" Waste Pipe Riser Plumbing Fixture	18	10%	20	LF	\$ 28.16	\$ 27.78	\$ 55.9	\$ 558	\$ 550	\$ 1,108	
VENT PIPES "No Hub Cast Iron"															

37	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	2" Vent Pipe	93	10%	102	LF	\$ 17.75	\$ 15.92	\$ 33.7	\$ 1,813	\$ 1,627	\$ 3,440
38	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	2" Vent Pipe Up	75	10%	83	LF	\$ 17.75	\$ 15.92	\$ 33.7	\$ 1,464	\$ 1,313	\$ 2,778
39	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	2" Vent Up Inside Wall To Floor Above	30	10%	33	LF	\$ 17.75	\$ 15.92	\$ 33.7	\$ 586	\$ 525	\$ 1,111
40	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	2" Vent Up Inside Wall To Ceiling	45	10%	50	LF	\$ 17.75	\$ 15.92	\$ 33.7	\$ 879	\$ 788	\$ 1,667
41	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	2" Vent Up Exposed On Wall	75	10%	83	LF	\$ 17.75	\$ 15.92	\$ 33.7	\$ 1,464	\$ 1,313	\$ 2,778
42	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	2" Vent Up Pipe To Third Floor	45	10%	50	LF	\$ 17.75	\$ 15.92	\$ 33.7	\$ 879	\$ 788	\$ 1,667
43	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	2" Vent Pipe Up Roof	30	10%	33	LF	\$ 17.75	\$ 15.92	\$ 33.7	\$ 586	\$ 525	\$ 1,111
44	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3" Vent Pipe Up To Third Floor Above	15	10%	17	LF	\$ 22.60	\$ 20.66	\$ 43.3	\$ 373	\$ 341	\$ 714
45	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3" Vent Pipe Up To Roof	15	10%	17	LF	\$ 22.60	\$ 20.66	\$ 43.3	\$ 373	\$ 341	\$ 714
46	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	1 1/2" Vent Pipe Riser Plumbing Fixture	30	10%	33	LF	\$ 13.30	\$ 11.85	\$ 25.2	\$ 439	\$ 391	\$ 830
47	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	2" Vent Pipe Riser Plumbing Fixture	42	10%	46	LF	\$ 17.75	\$ 15.92	\$ 33.7	\$ 820	\$ 736	\$ 1,556
CONDENSATE PIPE													
"TYPE M COPPER"													
48	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	1" CD Pipe (31 Ton)	31	10%	34	LF	\$ 15.66	\$ 8.78	\$ 24.4	\$ 536	\$ 300	\$ 836
49	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	1" CD (23.5 Ton) Pipe	9	10%	10	LF	\$ 15.66	\$ 8.78	\$ 24.4	\$ 157	\$ 88	\$ 245
50	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	1 1/4" CD (47 TON) Pipe	65	10%	72	LF	\$ 17.94	\$ 10.96	\$ 28.9	\$ 1,283	\$ 784	\$ 2,066
51	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/4" CD Pipe (16 Ton)	51	10%	56	LF	\$ 12.90	\$ 6.10	\$ 19.0	\$ 718	\$ 339	\$ 1,057
52	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/4" CD (7.5 Ton) Pipe	158	10%	174	LF	\$ 12.90	\$ 6.10	\$ 19.0	\$ 2,244	\$ 1,061	\$ 3,306
53	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/4" CD Pipe (16 Ton)	58	10%	64	LF	\$ 12.90	\$ 6.10	\$ 19.0	\$ 828	\$ 391	\$ 1,219
54	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/4" CD Pipe (8.5 Ton)	58	10%	64	LF	\$ 12.90	\$ 6.10	\$ 19.0	\$ 826	\$ 390	\$ 1,216
55	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/4" CD (7.5 Ton) Pipe Up	45	10%	50	LF	\$ 12.90	\$ 6.10	\$ 19.0	\$ 639	\$ 302	\$ 941
56	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/4" (8.5 Ton) Up Pipe	15	10%	17	LF	\$ 12.90	\$ 6.10	\$ 19.0	\$ 213	\$ 101	\$ 314
57	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/4" CD (16 Ton) Pipe Up	15	10%	17	LF	\$ 12.90	\$ 6.10	\$ 19.0	\$ 213	\$ 101	\$ 314
58	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/4" CD Up Floor To Ceiling Of Floor	75	10%	83	LF	\$ 12.90	\$ 6.10	\$ 19.0	\$ 1,064	\$ 503	\$ 1,568
59	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/4" CD (8.5 Ton) Up Through Roof	15	10%	17	LF	\$ 12.90	\$ 6.10	\$ 19.0	\$ 213	\$ 101	\$ 314
60	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/4" CD (7.5 Ton) Up Through Roof	75	10%	83	LF	\$ 12.90	\$ 6.10	\$ 19.0	\$ 1,064	\$ 503	\$ 1,568
61	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/4" CD (8.5 Ton) Up Through Roof	15	10%	17	LF	\$ 12.90	\$ 6.10	\$ 19.0	\$ 213	\$ 101	\$ 314
62	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/4" CD (7.5 Ton) Up Through Roof	15	10%	17	LF	\$ 12.90	\$ 6.10	\$ 19.0	\$ 213	\$ 101	\$ 314
63	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/4" CD (3 Ton) Pipe	15	10%	17	LF	\$ 12.90	\$ 6.10	\$ 19.0	\$ 214	\$ 101	\$ 315
64	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	1 1/4" CD (47 Ton) In Ceiling Space Of The First Floor	15	10%	17	LF	\$ 17.94	\$ 10.96	\$ 28.9	\$ 297	\$ 181	\$ 478
65	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	Route 3/4" CD In Ceiling Space & Down In Wall	15	10%	17	LF	\$ 12.90	\$ 6.10	\$ 19.0	\$ 214	\$ 101	\$ 315
GAS PIPE													
"Cast Iron "													
66	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3" G Pipe (1350 CFH) Through Exterior Wall Up Exposed On Wall To Ceiling	15	10%	17	LF	\$ 34.30	\$ 30.90	\$ 65.2	\$ 566	\$ 510	\$ 1,076
67	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3" G (965 CFH) Pipe	81	10%	89	LF	\$ 34.30	\$ 30.90	\$ 65.2	\$ 3,046	\$ 2,744	\$ 5,790
68	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3" G (1270 CFH) Pipe	14	10%	15	LF	\$ 34.30	\$ 30.90	\$ 65.2	\$ 529	\$ 476	\$ 1,005
69	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	2" G (305 CFH) Pipe	127	10%	140	LF	\$ 24.12	\$ 18.96	\$ 43.1	\$ 3,377	\$ 2,654	\$ 6,031
70	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	2 1/2" G (745 CFH) Pipe	71	10%	78	LF	\$ 27.30	\$ 21.25	\$ 48.6	\$ 2,143	\$ 1,668	\$ 3,811
71	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	1" G (80 CFH) Pipe	287	10%	315	LF	\$ 13.95	\$ 8.80	\$ 22.8	\$ 4,400	\$ 2,776	\$ 7,176
72	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	1" G (80 CFH) Pipe In Ceiling Space W/ Gas Shut-off Valve	15	10%	17	LF	\$ 13.95	\$ 8.80	\$ 22.8	\$ 230	\$ 145	\$ 375
73	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/4" G Pipe Up Through Floor To Ceiling Of Floor Above	15	10%	17	LF	\$ 11.86	\$ 6.12	\$ 18.0	\$ 196	\$ 101	\$ 297
74	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	1 1/2" G (220 CFH) Pipe	100	10%	109	LF	\$ 17.75	\$ 12.80	\$ 30.6	\$ 1,943	\$ 1,401	\$ 3,344
75	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	1 1/2" G (220 CFH) Pipe Up Through Roof	2	10%	2	LF	\$ 17.75	\$ 12.80	\$ 30.6	\$ 39	\$ 28	\$ 67
76	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	1 1/4" G (125 CFH) Pipe Up Through Roof	1	10%	1	LF	\$ 15.86	\$ 10.95	\$ 26.8	\$ 17	\$ 12	\$ 29
77	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	1 1/4" G (180 CFH) Pipe Up Through Roof	1	10%	1	LF	\$ 15.86	\$ 10.95	\$ 26.8	\$ 17	\$ 12	\$ 29

78	P2.1 .P2.2,P2.3 .P3.1	Plan Note	1 1/4" G (220 CFH) Pipe Up Through Roof	30	10%	33	LF	\$ 15.86	\$ 10.95	\$ 26.8	\$ 523	\$ 361	\$ 885
79	P2.1 .P2.2,P2.3 .P3.1	Plan Note	1 1/4" G (180 CFH) Pipe Up Through Roof	15	10%	17	LF	\$ 15.86	\$ 10.95	\$ 26.8	\$ 262	\$ 181	\$ 442
80	P2.1 .P2.2,P2.3 .P3.1	Plan Note	1 1/4" G (125 CFH) Pipe Up Through Roof	15	10%	17	LF	\$ 15.86	\$ 10.95	\$ 26.8	\$ 262	\$ 181	\$ 442
81	P2.1 .P2.2,P2.3 .P3.1	Plan Note	1 1/4" G (180 CFH) Pipe	70	10%	77	LF	\$ 15.86	\$ 10.95	\$ 26.8	\$ 1,223	\$ 844	\$ 2,067
PLUMBING FIXTURES													
82	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	4" WCO-1 Wall Cleanout Manuf: Zurn Model No: Z-1446-BP-VP-G W/ Cast Iron Body Polished Stainless Steel Cover & Vandal Resistant Screws	4	0%	4	EA	\$ 156.00	\$ 445.00	\$ -	\$ 624	\$ 1,780	\$ 2,404
83	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	2" WCO-1 Wall Cleanout Manuf: Zurn Model No: Z-1446-BP-VP-G W/ Cast Iron Body Polished Stainless Steel Cover & Vandal Resistant Screws	4	0%	4	EA	\$ 120.00	\$ 280.00	\$ -	\$ 480	\$ 1,120	\$ 1,600
84	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	2" FS-1 Floor Sink Manuf: Zurn Model No: No 1901 6"-8" Deep, Square Cast Iron Acid Resistant Enameled, Bottom Aluminum Dome Strainer W/Nickel Bronze Rim, Grate Top & Without Trap Connection	1	0%	1	EA	\$ 280.00	\$ 600.00	\$ -	\$ 280	\$ 600	\$ 880
85	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	TMV-1 Thermostatic Mixing Valve Manuf: Leonard Thermostatic Mixing Valve Model No: 170-LF-BRKT Lead Free Bronze Bobby.	3	0%	3	EA	\$ 145.00	\$ 336.00	\$ -	\$ 435	\$ 1,008	\$ 1,443
86	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	L-1 Lavatory Manuf: American Standard Model No: 0356.421 Wall Hung Lavatory W/Single Hole Drill At Center Including Insight Touchless W/Mix Faucet DC Powered Vibrant Stainless Steel Finish Kohler Model K-13460 W/0.35 Aerator Contractor Shall Provide Grid Drain , Offset Strainer, P-Trap & Plumberex Handy Shield For Valve Water Supply Tailpiece Offset Strainer & P Trap Safety Covers.Provide J.R. Smith Floor Concealed Arm Supports Model No o700. Low Consumption 0.35 GPM.	3	0%	3	EA	\$ 310.00	\$ 650.00	\$ -	\$ 930	\$ 1,950	\$ 2,880
87	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	WC-1 Water Closet (Accessible) Manuf: American Standard Model No: No 2467.100 Cadet "Flowise" Vitreous China Flush Tank Elongated Pressure-Assisted Siphon Jet Flush Action W/Everclean Surface Bowl & Osonite Toilet Seat No. 955SCT Open Front Seat W/Cover Ultra Low Consumption 1.11 GPF.	3	0%	3	EA	\$ 375.00	\$ 810.00	\$ -	\$ 1,125	\$ 2,430	\$ 3,555
88	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	4" RD-1, 4" OD-1 Roof & Overflow Drains Combination Roof Drain & Overflow Roof Drain Josam Series 22200. 4" Drain Connections Provide Deck Clamp Assembly. Galvanized Cast Iron Dome & Parts.	4	0%	4	EA	\$ 166.00	\$ 445.00	\$ -	\$ 664	\$ 1,780	\$ 2,444
89	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	5" RD-2, 5" OD-2 Roof & Overflow Drains Combination Roof Drain & Overflow Roof Drain Josam Series 22200. 5" Drain Connections Provide Deck Clamp Assembly. Galvanized Cast Iron Dome & Parts.	2	0%	2	EA	\$ 178.00	\$ 488.00	\$ -	\$ 356	\$ 976	\$ 1,332
90	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	WH-2 Electric Water Heater Manuf: AD Smith DEL-20 Or Equal Tank Capacity: 20 Gallons Input Rate: 3KW Tank Size: 21 3/4" Dia x 22 1/4" H Operation Weight (LBS): 250LBS	1	0%	1	EA	\$ 1,025.00	\$ 2,896.00	\$ -	\$ 1,025	\$ 2,896	\$ 3,921
91	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	MS-1 Mop Sink Manuf: Fiat No. MSB-24x24 Molded Stone Mop Sink Complete W/ Fiat Faucet 830-AA W/Vacuum Breaker Spout W/Hose	1	0%	1	EA	\$ 280.00	\$ 620.00	\$ -	\$ 280	\$ 620	\$ 900
92	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	2" FD-1 Floor Drain Manuf: Zurn Model: Z-4155-P Cast Iron, Complete W/Round Nickel-Bronze Top, Clamping Collar, Trap Primer Confection & P Trap.	1	0%	1	EA	\$ 110.00	\$ 280.00	\$ -	\$ 110	\$ 280	\$ 390
93	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	DF-1 Drinking Fountain Manuf: Elkay Model: EDPBM117K Wall Mounted Swirflo Bi-Level Fountain Non Filtered Non Refrigerated Freeze Resistant Stainless Complete W/Back Panel & Wall Hanger Bracket	1	0%	1	EA	\$ 1,000.00	\$ 2,500.00	\$ -	\$ 1,000	\$ 2,500	\$ 3,500
94	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	HB-1 Hose Bib Manuf: Woodford Model No: MB65BX, Freezeless Hose Bib Complete W/Bracket, Chrome Head, Brass Valve Body Single Check Anti Siphon Vacuum Breaker & 3/4" Male Hose Thread.	1	0%	1	EA	\$ 60.00	\$ 145.00	\$ -	\$ 60	\$ 145	\$ 205
95	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	TP-1 Trap Primer Manuf: PPP Model: NFR-500 W/J.R. Smith Cover. Complete W/ 1/2" Copper Type "L" Pipe To Receptor	1	0%	1	EA	\$ 75.00	\$ 166.00	\$ -	\$ 75	\$ 166	\$ 241
96	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	CP-1 Circulation Pump Manuf: Grundfos Alpha 15-58F Capacity: 3GPM , Head 7TDH	1	0%	1	EA	\$ 895.00	\$ 2,210.00	\$ -	\$ 895	\$ 2,210	\$ 3,105
97	P2.1 .P2.2,P2.3 .P3.1	Plumbing Fixture Schedule/P0.2	ET-1 Expansion Tank Manuf: Amtrol ST-SC, Therm-X-Trel 2.0 Gals	1	0%	1	EA	\$ 300.00	\$ 800.00	\$ -	\$ 300	\$ 800	\$ 1,100
MISCELLANEOUS													
98	P2.1 .P2.2,P2.3 .P3.1	Plan Note	4" Hub Drain	1	0%	1	EA	\$ 158.00	\$ 440.00	\$ -	\$ 158	\$ 440	\$ 598
99	P2.1 .P2.2,P2.3 .P3.1	Plan Note	Furnish & Install Trap Primer Route 1/2" TP Pipe To Hub Drain	1	0%	1	EA	\$ 60.00	\$ 136.00	\$ -	\$ 60	\$ 136	\$ 196
100	P2.1 .P2.2,P2.3 .P3.1	Plan Note	Route 4" Roof Drain Pipe & 4" Overflow Roof Drain Pipe Up .Route 4" Roof Drain Through The Concrete Slab To Below Ground. "26 Gage Galv. Sheet Metal"	288	10%	317	LF	\$ 7.34	\$ 5.20	\$ -	\$ 2,325	\$ 1,647	\$ 3,973
101	P2.1 .P2.2,P2.3 .P3.1	Plan Note	5" Roof Drain Pipe & 5" Overflow Roof Drain Pipe Up Exposed On Wall. 5" Roof Drain Down Through The Concrete Slab To Below Ground "26 Gage Galv. Sheet Metal"	144	10%	158	LF	\$ 25.60	\$ 24.30	\$ -	\$ 4,055	\$ 3,849	\$ 7,904
102	P2.1 .P2.2,P2.3 .P3.1	Plan Note	Furnish & Install A Reduced Pressure Principle & Backflow Preventer Assembly	1	0%	1	EA	\$ 140.00	\$ 395.00	\$ -	\$ 140	\$ 395	\$ 535
103	P2.1 .P2.2,P2.3 .P3.1	Plan Note	Proposed Gas Meter Location A Gas Meter Shall Be Provided And Installed By The Local Gas Company 11" WC 1350 CFH	1	0%	1	EA	\$ 180.00	\$ 466.00	\$ -	\$ 180	\$ 466	\$ 646
104	P2.1 .P2.2,P2.3 .P3.1	Plan Note	3" Downspout From High Roof Down To Low Roof "26 Gage Galv. Sheet Metal"	12	10%	13	LF	\$ 5.80	\$ 3.30	\$ -	\$ 77	\$ 44	\$ 120
105	P2.1 .P2.2,P2.3 .P3.1	Plan Note	6" Dia Roof Jack	1	0%	1	EA	\$ 60.00	\$ 140.00	\$ -	\$ 60	\$ 140	\$ 200

106	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	Furnish & Install A New Line Size Wall Cleanout	4	0%	4	EA	\$ 140.00	\$ 325.00	\$ -	\$ 560	\$ 1,300	\$ 1,860	
107	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	Terminate 3/4" Secondary Condensate Drain Thru Ceiling Within a Chrome Plated Recessed Escutcheon	1	0%	1	EA	\$ 50.00	\$ 120.00	\$ -	\$ 50	\$ 120	\$ 170	
108	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	1/2" Trap Primer Pipe	13	10%	14	LF	\$ 10.36	\$ 3.50	\$ -	\$ 148	\$ 50	\$ 198	
109	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3/8" Foam Plastic Pipe Insulation @ Condensate Pipe (746 LF)	60	10%	66	SF	\$ 3.60	\$ 1.30	\$ -	\$ 236	\$ 85	\$ 322	
110	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	20 MIL Polyethylene Wrap @ All Cast Iron Pipe (1741 LF)	435	10%	479	SF	\$ 4.12	\$ 1.60	\$ -	\$ 1,973	\$ 766	\$ 2,739	
111	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	Pipe Insulation @ Hot & Cold Water (923 LF)	74	10%	81	SF	\$ 4.18	\$ 1.66	\$ -	\$ 340	\$ 135	\$ 474	
112	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	1 1/4" x 1 1/2" Trap Pipe Risers Plumbing Fixture	28	10%	31	LF	\$ 1.40	\$ 3.25	\$ -	\$ 43	\$ 100	\$ 143	
113	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	2" Trap Pipe Risers Plumbing Fixture	18	10%	20	LF	\$ 20.80	\$ 15.60	\$ -	\$ 412	\$ 309	\$ 721	
114	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	3" Trap Pipe Risers Plumbing Fixture	7	10%	8	LF	\$ 25.60	\$ 22.30	\$ -	\$ 197	\$ 172	\$ 369	
115	P2.1 ,P2.2,P2.3 ,P3.1	Plan Note	Allowances For All Fittings Of Pipes	1	0%	1	LS	\$ 1,000.00	\$ 3,000.00	\$ -	\$ 1,000	\$ 3,000	\$ 4,000	
			Sub Total											\$ 170,414
SUB-TOTAL											\$ 87,956	\$ 82,464	\$ 170,414	\$ 170,414
OVERHEAD AND PROFIT											20%	\$ 17,590	\$ 16,493	\$ 34,083
TAX											8.5%	\$ 7,476	\$ 7,009	\$ 14,485
BID BOND											1.5%	\$ 1,319	\$ 1,237	\$ 2,556
CONTINGENCIES											5%	\$ 4,397	\$ 4,123	\$ 8,521
TRADES											\$ 118,732	\$ 111,326	\$ 230,059	
ANYTHING THAT IS NOT MENTIONED IN THIS DETAILED ESTIMATE														

