GENERAL SUMMARY

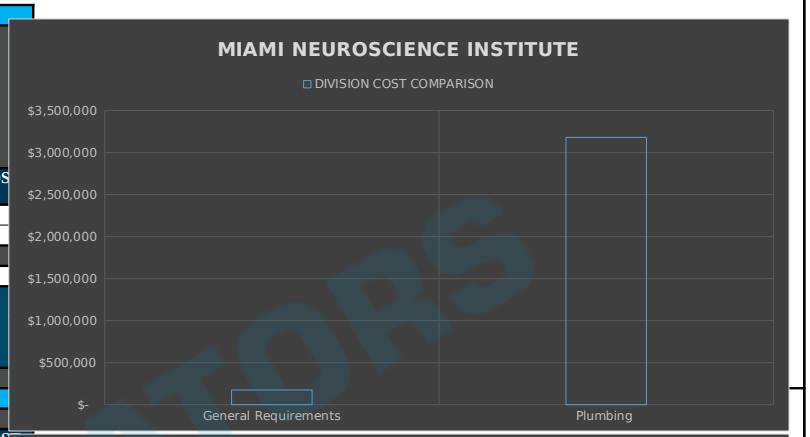
Prepared for: Baptist Health South Florida, 8900 N. Kendall Dr, Miami FL 33176
Project ID: 3032026
Scope: Plumbing
No. Of Floors: 6
Date: 6-Oct-26

USA ESTIMATORS
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MIAMI NEUROSCIENCE INSTITUTE

1st Floor	43,264
2nd Floor	48,514
3rd Floor	31,754
4th Floor	31,990
5th Floor	31,962
Pent House	24,239
TOTAL AREA	211,723

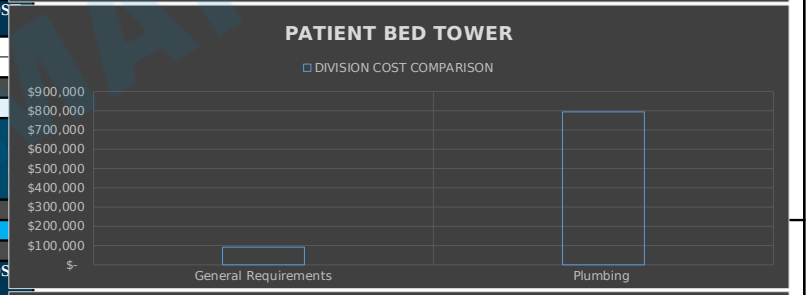
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	$ 174,800	$
22000	Plumbing	$ 3,181,021	$
	TOTAL TRADE COST	$ 3,355,821	$
OVERHEAD AND PROFIT	15%	$ 503,373	$
INSURANCE	3%	$ 100,675	$
CONTINGENCY	5%	$ 167,791	$
TAX	7%	$ 148,529	$
	SUGGESTED BID	$ 4,276,188	$



PATIENT BED TOWER

BUILDING GSF 200,000

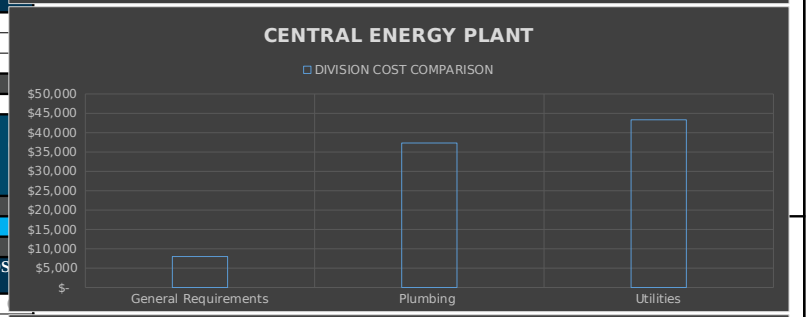
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	$ 92,000	$
22000	Plumbing	$ 794,077	$
	TOTAL TRADE COST	$ 886,077	$
OVERHEAD AND PROFIT	15%	$ 132,912	$
INSURANCE	3%	$ 26,582	$
CONTINGENCY	5%	$ 44,304	$
TAX	7%	$ 38,163	$
	SUGGESTED BID	$ 1,128,038	$



CENTRAL ENERGY PLANT

BUILDING GSF 8,000

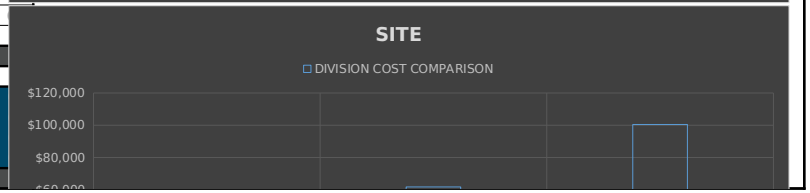
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	$ 8,000	$
22000	Plumbing	$ 37,333	$
33000	Utilities	$ 43,334	$
	TOTAL TRADE COST	$ 88,666	$
OVERHEAD AND PROFIT	15%	$ 13,300	$
INSURANCE	3%	$ 2,660	$
CONTINGENCY	5%	$ 4,433	$
TAX	7%	$ 3,991	$
	SUGGESTED BID	$ 113,051	$



SITE

SITE GSF 180,000

DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	$ 12,500	$
2000	Existing Condition	$ 61,748	$
33000	Utilities	$ 100,447	$
	TOTAL TRADE COST	$ 174,695	$
OVERHEAD AND PROFIT	15%	$ 26,204	$
INSURANCE	3%	$ 5,241	$
CONTINGENCY	5%	$ 8,735	$
TAX	7%	$ 4,536	$
	SUGGESTED BID	$ 219,411	$



DETAILED BREAKDOWN OF ITEMS

Prepared for: Baptist Health South Florida Miami Neuroscience Institute & North Tower 8900 N. Kendall DR. Miami, FL 33176
Project ID: 3052026
Scope: Plumbing

USA ESTIMATORS
+1 (214) 556-2605

Date: 6-Oct-26

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	$ -	$ -	$ -	$ 80,000.00	$ 80,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 12,000.00	$ 12,000.00
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 60,000.00	$ 60,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 22,800.00	$ 22,800.00
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL	**$ 174,800**
			PLUMBING										
			COLD WATER PIPE (BELOW GRADE)										
			Type "K" Copper Tubing With Propress Fittings										
8			6" Dia Cold Water Pipe	LF	12	10%	14	0.474	$ 65.00	$ 30.81	$ 268.00	$ 298.81	$ 4,072.48
			COLD WATER PIPE FITTINGS										
			ELBOW										
9			6" Dia Cold Water Pipe 90 Deg Elbow	EA	1	0%	1	2.000	$ 65.00	$ 130.02	$ 1,675.00	$ 1,805.02	$ 1,805.02
			COLD WATER PIPE (ABOVE GRADE)										
			Type "L" Copper Tubing With Propress Fittings										
10			1/2" Dia Cold Water Pipe	LF	3611	10%	3972	0.074	$ 65.00	$ 4.83	$ 3.69	$ 8.52	$ 33,827.40
11			3/4" Dia Cold Water Pipe	LF	1811	10%	1992	0.079	$ 65.00	$ 5.12	$ 5.40	$ 10.52	$ 20,954.40
12			1" Dia Cold Water Pipe	LF	950	10%	1045	0.089	$ 65.00	$ 5.75	$ 7.80	$ 13.55	$ 14,162.36
13			1-1/4" Dia Cold Water Pipe	LF	177	10%	195	0.104	$ 65.00	$ 6.73	$ 10.90	$ 17.63	$ 3,434.01
14			1-1/2" Dia Cold Water Pipe	LF	757	10%	833	0.116	$ 65.00	$ 7.51	$ 13.75	$ 21.26	$ 17,701.12
15			2" Dia Cold Water Pipe	LF	1369	10%	1506	0.143	$ 65.00	$ 9.26	$ 22.00	$ 31.26	$ 47,078.20
16			2-1/2" Dia Cold Water Pipe	LF	44	10%	48	0.194	$ 65.00	$ 12.58	$ 34.50	$ 47.08	$ 2,255.25
17			3" Dia Cold Water Pipe	LF	189	10%	207	0.215	$ 65.00	$ 13.94	$ 47.50	$ 61.44	$ 12,747.54
18			4" Dia Cold Water Pipe	LF	101	10%	111	0.308	$ 65.00	$ 19.99	$ 88.00	$ 107.99	$ 11,997.41
19			6" Dia Cold Water Pipe	LF	59	10%	65	0.450	$ 65.00	$ 29.25	$ 228.00	$ 257.25	$ 16,633.27
		Assumed	**1" Thick Fiberglass Pipe Insulation**										
20			1/2" Dia Cold Water Pipe	LF	3611	10%	3972	0.02	$ 65.00	$ 1.30	$ 2.55	$ 3.85	$ 15,292.59
21			3/4" Dia Cold Water Pipe	LF	1811	10%	1992	0.02	$ 65.00	$ 1.43	$ 2.80	$ 4.23	$ 8,426.58
22			1" Dia Cold Water Pipe	LF	950	10%	1045	0.03	$ 65.00	$ 1.63	$ 2.98	$ 4.61	$ 4,812.23
23			1-1/4" Dia Cold Water Pipe	LF	177	10%	195	0.03	$ 65.00	$ 1.76	$ 3.24	$ 5.00	$ 973.08
24			1-1/2" Dia Cold Water Pipe	LF	757	10%	833	0.03	$ 65.00	$ 1.95	$ 3.50	$ 5.45	$ 4,538.22
25			2" Dia Cold Water Pipe	LF	1369	10%	1506	0.03	$ 65.00	$ 2.08	$ 3.77	$ 5.85	$ 8,809.52
26			2-1/2" Dia Cold Water Pipe	LF	44	10%	48	0.03	$ 65.00	$ 2.21	$ 4.29	$ 6.50	$ 311.38
27			3" Dia Cold Water Pipe	LF	189	10%	207	0.04	$ 65.00	$ 2.34	$ 4.61	$ 6.95	$ 1,441.92
28			4" Dia Cold Water Pipe	LF	101	10%	111	0.04	$ 65.00	$ 2.60	$ 6.10	$ 8.70	$ 966.57
29			6" Dia Cold Water Pipe	LF	59	10%	65	0.05	$ 65.00	$ 2.93	$ 7.27	$ 10.20	$ 659.19
			COLD WATER PIPE FITTINGS										
			ELBOW										
30			1/2" Dia Cold Water Pipe 45 Deg Elbow	EA	3	0%	3	0.450	$ 65.00	$ 29.25	$ 3.71	$ 32.96	$ 98.88
31			3/4" Dia Cold Water Pipe 45 Deg Elbow	EA	6	0%	6	0.474	$ 65.00	$ 30.79	$ 7.60	$ 38.39	$ 230.31
32			1" Dia Cold Water Pipe 45 Deg Elbow	EA	2	0%	2	0.563	$ 65.00	$ 36.56	$ 19.15	$ 55.71	$ 111.43
33			6" Dia Cold Water Pipe 45 Deg Elbow	EA	2	0%	2	3.000	$ 65.00	$ 195.02	$ 1,675.00	$ 1,870.02	$ 3,740.05
34			1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	784	0%	784	0.300	$ 65.00	$ 19.50	$ 2.49	$ 21.99	$ 17,240.16
35			3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	107	0%	107	0.316	$ 65.00	$ 20.52	$ 5.40	$ 25.92	$ 2,773.84
36			1" Dia Cold Water Pipe 90 Deg Elbow	EA	25	0%	25	0.375	$ 65.00	$ 24.38	$ 13.45	$ 37.83	$ 945.63
37			1-1/4" Dia Cold Water Pipe 90 Deg Elbow	EA	21	0%	21	0.400	$ 65.00	$ 25.98	$ 19.95	$ 45.93	$ 964.61
38			1-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	109	0%	109	0.461	$ 65.00	$ 29.98	$ 31.00	$ 60.98	$ 6,646.96
39			2" Dia Cold Water Pipe 90 Deg Elbow	EA	35	0%	35	0.545	$ 65.00	$ 35.44	$ 56.50	$ 91.94	$ 3,217.94
40			2-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	3	0%	3	0.923	$ 65.00	$ 60.01	$ 103.00	$ 163.01	$ 489.03
41			3" Dia Cold Water Pipe 90 Deg Elbow	EA	7	0%	7	1.091	$ 65.00	$ 70.93	$ 147.00	$ 217.93	$ 1,525.52
42			4" Dia Cold Water Pipe 90 Deg Elbow	EA	4	0%	4	1.334	$ 65.00	$ 86.68	$ 320.00	$ 406.68	$ 1,626.71
43			6" Dia Cold Water Pipe 90 Deg Elbow	EA	4	0%	4	2.000	$ 65.00	$ 130.02	$ 1,675.00	$ 1,805.02	$ 7,220.07
			TEE										
44			1/2" Dia Cold Water Pipe Tee	EA	4	0%	4	0.461	$ 65.00	$ 29.98	$ 4.12	$ 34.10	$ 136.41
45			3/4" Dia Cold Water Pipe Tee	EA	13	0%	13	0.500	$ 65.00	$ 32.52	$ 14.25	$ 46.77	$ 607.96
46			1" Dia Cold Water Pipe Tee	EA	20	0%	20	0.600	$ 65.00	$ 39.00	$ 26.00	$ 65.00	$ 1,300.00
47			1-1/4" Dia Cold Water Pipe Tee	EA	7	0%	7	0.667	$ 65.00	$ 43.34	$ 41.50	$ 84.84	$ 593.87
48			1-1/2" Dia Cold Water Pipe Tee	EA	17	0%	17	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 1,899.75
49			2" Dia Cold Water Pipe Tee	EA	30	0%	30	0.857	$ 65.00	$ 55.72	$ 100.00	$ 155.72	$ 4,671.64
50			2-1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	1.500	$ 65.00	$ 97.50	$ 184.00	$ 281.50	$ 281.50
51			3" Dia Cold Water Pipe Tee	EA	1	0%	1	1.715	$ 65.00	$ 111.44	$ 265.00	$ 376.44	$ 376.44
52			4" Dia Cold Water Pipe Tee	EA	1	0%	1	2.400	$ 65.00	$ 156.00	$ 695.00	$ 851.00	$ 851.00
53			6" Dia Cold Water Pipe Tee	EA	1	0%	1	3.000	$ 65.00	$ 195.00	$ 2,350.00	$ 2,545.00	$ 2,545.00
54			3/4" / 1/2" Dia Cold Water Pipe Tee	EA	86	0%	86	0.500	$ 65.00	$ 32.52	$ 14.25	$ 46.77	$ 4,021.90
55			1" / 1/2" Dia Cold Water Pipe Tee	EA	57	0%	57	0.600	$ 65.00	$ 39.00	$ 26.00	$ 65.00	$ 3,705.00
56			1" / 3/4" Dia Cold Water Pipe Tee	EA	4	0%	4	0.600	$ 65.00	$ 39.00	$ 26.00	$ 65.00	$ 260.00
57			1-1/4" / 1/2" Dia Cold Water Pipe Tee	EA	4	0%	4	0.667	$ 65.00	$ 43.34	$ 41.50	$ 84.84	$ 339.36
58			1-1/4" / 3/4" Dia Cold Water Pipe Tee	EA	3	0%	3	0.667	$ 65.00	$ 43.34	$ 41.50	$ 84.84	$ 254.52
59			1-1/2" / 1/2" Dia Cold Water Pipe Tee	EA	29	0%	29	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 3,240.75
60			1-1/2" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 111.75
61			1-1/2" / 1-1/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 111.75
62			2" / 1/2" Dia Cold Water Pipe Tee	EA	75	0%	75	0.857	$ 65.00	$ 55.72	$ 100.00	$ 155.72	$ 11,679.09
63			2" / 3/4" Dia Cold Water Pipe Tee	EA	16	0%	16	0.857	$ 65.00	$ 55.72	$ 100.00	$ 155.72	$ 2,491.54
64			2" / 1" Dia Cold Water Pipe Tee	EA	5	0%	5	0.857	$ 65.00	$ 55.72	$ 100.00	$ 155.72	$ 778.61
65			2" / 1-1/4" Dia Cold Water Pipe Tee	EA	9	0%	9	0.857	$ 65.00	$ 55.72	$ 100.00	$ 155.72	$ 1,401.49
66			2" / 1-1/2" Dia Cold Water Pipe Tee	EA	25	0%	25	0.857	$ 65.00	$ 55.72	$ 100.00	$ 155.72	$ 3,893.03
67			2-1/2" / 1" Dia Cold Water Pipe Tee	EA	1	0%	1	1.500	$ 65.00	$ 97.50	$ 184.00	$ 281.50	$ 281.50
68			3" / 1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	1.715	$ 65.00	$ 111.44	$ 265.00	$ 376.44	$ 376.44
69			3" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1	1.715	$ 65.00	$ 111.44	$ 265.00	$ 376.44	$ 376.44
70			3" / 2" Dia Cold Water Pipe Tee	EA	3	0%	3	1.715	$ 65.00	$ 111.44	$ 265.00	$ 376.44	$ 1,129.33
71			3" /2-1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	1.715	$ 65.00	$ 111.44	$ 265.00	$ 376.44	$ 376.44
72			4" / 1/2" Dia Cold Water Pipe Tee	EA	2	0%	2	2.400	$ 65.00	$ 156.00	$ 695.00	$ 851.00	$ 1,702.00
73			4" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1	2.400	$ 65.00	$ 156.00	$ 695.00	$ 851.00	$ 851.00
74			4" / 1-1/2" Dia Cold Water Pipe Tee	EA	1	0%	1	2.400	$ 65.00	$ 156.00	$ 695.00	$ 851.00	$ 851.00
75			6" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2	3.000	$ 65.00	$ 195.00	$ 2,350.00	$ 2,545.00	$ 5,090.00
			REDUCER										
76			3/4" / 1/2" Dia Cold Water Pipe Reducer	EA	45	0%	45	0.500	$ 65.00	$ 32.52	$ 20.00	$ 52.52	$ 2,363.23
77			1" / 1/2" Dia Cold Water Pipe Reducer	EA	12	0%	12	0.600	$ 65.00	$ 39.00	$ 34.00	$ 73.00	$ 876.00
78			1" / 3/4" Dia Cold Water Pipe Reducer	EA	21	0%	21	0.600	$ 65.00	$ 39.00	$ 34.00	$ 73.00	$ 1,533.00
79			1-1/4" / 1/2" Dia Cold Water Pipe Reducer	EA	3	0%	3	0.667	$ 65.00	$ 43.34	$ 57.00	$ 100.34	$ 301.02
80			1-1/2" / 1/2" Dia Cold Water Pipe Reducer	EA	17	0%	17	0.750	$ 65.00	$ 48.75	$ 86.00	$ 134.75	$ 2,290.75
81			1-1/2" / 1" Dia Cold Water Pipe Reducer	EA	2	0%	2	0.750	$ 65.00	$ 48.75	$ 86.00	$ 134.75	$ 269.50
82			1-1/2" / 1-1/4" Dia Cold Water Pipe Reducer	EA	8	0%	8	0.750	$ 65.00	$ 48.75	$ 86.00	$ 134.75	$ 1,078.00
83			2" / 1/2" Dia Cold Water Pipe Reducer	EA	4	0%	4	0.857	$ 65.00	$ 55.72	$ 149.80	$ 205.52	$ 822.09
84			2" / 3/4" Dia Cold Water Pipe Reducer	EA	3	0%	3	0.857	$ 65.00	$ 55.72	$ 149.80	$ 205.52	$ 616.56
85			2" / 1" Dia Cold Water Pipe Reducer	EA	11	0%	11	0.857	$ 65.00	$ 55.72	$ 149.80	$ 205.52	$ 2,260.73
86			2" / 1-1/4" Dia Cold Water Pipe Reducer	EA	2	0%	2	0.857	$ 65.00	$ 55.72	$ 149.80	$ 205.52	$ 411.04
87			2" / 1-1/2" Dia Cold Water Pipe Reducer	EA	16	0%	16	0.857	$ 65.00	$ 55.72	$ 149.80	$ 205.52	$ 3,288.34
88			2-1/2" / 1" Dia Cold Water Pipe Reducer	EA	1	0%	1	1.500	$ 65.00	$ 97.50	$ 413.55	$ 511.05	$ 511.05
89			3" / 1-1/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	1.715	$ 65.00	$ 111.44	$ 468.00	$ 579.44	$ 579.44
90			3" / 2-1/2" Dia Cold Water Pipe Reducer	EA	1	0%	1	1.715	$ 65.00	$ 111.44	$ 468.00	$ 579.44	$ 579.44
91			4" / 3" Dia Cold Water Pipe Reducer	EA	1	0%	1	2.400	$ 65.00	$ 156.00	$ 3,800.00	$ 3,956.00	$ 3,956.00
92			6" / 4" Dia Cold Water Pipe Reducer	EA	1	0%	1	3.000	$ 65.00	$ 195.00	$ 6,413.00	$ 6,608.00	$ 6,608.00
			HOT WATER PIPE (ABOVE GRADE)										
			Type "L" Copper Tubing With Propress Fittings										
93			1/2" Dia Hot Water Pipe	LF	2999	10%	3299	0.074	$ 65.00	$ 4.83	$ 3.69	$ 8.52	$ 28,094.26
94			3/4" Dia Hot Water Pipe	LF	2412	10%	2653	0.079	$ 65.00	$ 5.12	$ 5.40	$ 10.52	$ 27,908.35
95			1" Dia Hot Water Pipe	LF	1025	10%	1128	0.089	$ 65.00	$ 5.75	$ 7.80	$ 13.55	$ 15,280.44
96			1-1/4" Dia Hot Water Pipe	LF	430	10%	473	0.104	$ 65.00	$ 6.73	$ 10.90	$ 17.63	$ 8,337.81
97			1-1/2" Dia Hot Water Pipe	LF	549	10%	604	0.116	$ 65.00	$ 7.51	$ 13.75	$ 21.26	$ 12,837.40
98			2" Dia Hot Water Pipe	LF	88	10%	97	0.143	$ 65.00	$ 9.26	$ 22.00	$ 31.26	$ 3,040.65
99			4" Dia Hot Water Pipe	LF	290	10%	319	0.308	$ 65.00	$ 19.99	$ 88.00	$ 107.99	$ 34,443.26
		Assumed	**1-1/2" Thick Fiberglass Pipe Insulation**										
100			1/2" Dia Hot Water Pipe	LF	2999	10%	3299	0.03	$ 65.00	$ 1.63	$ 4.83	$ 6.46	$ 21,294.40
101			3/4" Dia Hot Water Pipe	LF	2412	10%	2653	0.03	$ 65.00	$ 1.76	$ 4.84	$ 6.60	$ 17,497.85
102			1" Dia Hot Water Pipe	LF	1025	10%	1128	0.03	$ 65.00	$ 1.95	$ 5.18	$ 7.13	$ 8,039.08
103			1-1/4" Dia Hot Water Pipe	LF	430	10%	473	0.03	$ 65.00	$ 2.08	$ 5.65	$ 7.73	$ 3,656.29
104			1-1/2" Dia Hot Water Pipe	LF	549	10%	604	0.04	$ 65.00	$ 2.28	$ 5.90	$ 8.18	$ 4,936.88
105			2" Dia Hot Water Pipe	LF	88	10%	97	0.04	$ 65.00	$ 2.41	$ 3.89	$ 6.30	$ 612.59
106			4" Dia Hot Water Pipe	LF	290	10%	319	0.05	$ 65.00	$ 2.93	$ 8.34	$ 11.26	$ 3,591.98
			HOT WATER PIPE FITTINGS										
			ELBOW										
107			4" Dia Hot Water Pipe 45 Deg Elbow	EA	5	0%	5	2.000	$ 65.00	$ 130.02	$ 294.00	$ 424.02	$ 2,120.08
108			1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	661	0%	661	0.300	$ 65.00	$ 19.50	$ 2.49	$ 21.99	$ 14,535.39

DETAILED BREAKDOWN OF ITEMS

Prepared for: Baptist Health South Florida Miami Neuroscience Institute & North Tower 8900 N. Kendall DR. Miami, FL 33176
Project ID: 3052026
Scope: Plumbing

USA ESTIMATORS
+1 (214) 556-2605

Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
109			3/4" Dia Hot Water Pipe 90 Deg Elbow	EA	171	0%	171	0.316	$ 65.00	$ 20.52	$ 5.40	$ 25.92	$ 4,432.96
110			1" Dia Hot Water Pipe 90 Deg Elbow	EA	27	0%	27	0.375	$ 65.00	$ 24.38	$ 13.45	$ 37.83	$ 1,021.28
111			1-1/4" Dia Hot Water Pipe 90 Deg Elbow	EA	6	0%	6	0.400	$ 65.00	$ 25.98	$ 19.95	$ 45.93	$ 275.60
112			1-1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	2	0%	2	0.461	$ 65.00	$ 29.98	$ 31.00	$ 60.98	$ 121.96
113			2" Dia Hot Water Pipe 90 Deg Elbow	EA	7	0%	7	0.545	$ 65.00	$ 35.44	$ 56.50	$ 91.94	$ 643.59
114			4" Dia Hot Water Pipe 90 Deg Elbow	EA	22	0%	22	1.334	$ 65.00	$ 86.68	$ 320.00	$ 406.68	$ 8,946.91
			TEE										
115			1/2" Dia Hot Water Pipe Tee	EA	2	0%	2	0.461	$ 65.00	$ 29.98	$ 4.12	$ 34.10	$ 68.20
116			3/4" Dia Hot Water Pipe Tee	EA	45	0%	45	0.500	$ 65.00	$ 32.52	$ 14.25	$ 46.77	$ 2,104.48
117			1" Dia Hot Water Pipe Tee	EA	7	0%	7	0.600	$ 65.00	$ 39.00	$ 26.00	$ 65.00	$ 455.00
118			1-1/4" Dia Hot Water Pipe Tee	EA	2	0%	2	0.667	$ 65.00	$ 43.34	$ 41.50	$ 84.84	$ 169.68
119			1-1/2" Dia Hot Water Pipe Tee	EA	13	0%	13	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 1,452.75
120			2" Dia Hot Water Pipe Tee	EA	13	0%	13	0.857	$ 65.00	$ 55.72	$ 100.00	$ 155.72	$ 2,024.38
121			4" Dia Hot Water Pipe Tee	EA	3	0%	3	2.400	$ 65.00	$ 156.00	$ 695.00	$ 851.00	$ 2,553.00
122			3/4" / 1/2" Dia Hot Water Pipe Tee	EA	118	0%	118	0.500	$ 65.00	$ 32.52	$ 14.25	$ 46.77	$ 5,518.42
123			1" / 1/2" Dia Hot Water Pipe Tee	EA	80	0%	80	0.600	$ 65.00	$ 39.00	$ 26.00	$ 65.00	$ 5,200.00
124			1" / 3/4" Dia Hot Water Pipe Tee	EA	7	0%	7	0.600	$ 65.00	$ 39.00	$ 26.00	$ 65.00	$ 455.00
125			1-1/4" / 1/2" Dia Hot Water Pipe Tee	EA	30	0%	30	0.667	$ 65.00	$ 43.34	$ 41.50	$ 84.84	$ 2,545.16
126			1-1/4" / 3/4" Dia Hot Water Pipe Tee	EA	7	0%	7	0.667	$ 65.00	$ 43.34	$ 41.50	$ 84.84	$ 593.87
127			1-1/4" / 1" Dia Hot Water Pipe Tee	EA	3	0%	3	0.667	$ 65.00	$ 43.34	$ 41.50	$ 84.84	$ 254.52
128			1-1/2" / 1/2" Dia Hot Water Pipe Tee	EA	38	0%	38	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 4,246.50
129			1-1/2" / 3/4" Dia Hot Water Pipe Tee	EA	1	0%	1	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 111.75
130			1-1/2" / 1" Dia Hot Water Pipe Tee	EA	5	0%	5	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 558.75
131			1-1/2" / 1-1/4" Dia Hot Water Pipe Tee	EA	3	0%	3	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 335.25
132			2" / 1/2" Dia Hot Water Pipe Tee	EA	1	0%	1	0.857	$ 65.00	$ 55.72	$ 100.00	$ 155.72	$ 155.72
133			2" / 1-1/2" Dia Hot Water Pipe Tee	EA	1	0%	1	0.857	$ 65.00	$ 55.72	$ 100.00	$ 155.72	$ 155.72
			REDUCER										
134			3/4" / 1/2" Dia Hot Water Pipe Reducer	EA	31	0%	31	0.500	$ 65.00	$ 32.52	$ 20.00	$ 52.52	$ 1,628.00
135			1" / 3/4" Dia Hot Water Pipe Reducer	EA	30	0%	30	0.600	$ 65.00	$ 39.00	$ 34.00	$ 73.00	$ 2,190.00
136			1-1/4" / 3/4" Dia Hot Water Pipe Reducer	EA	9	0%	9	0.667	$ 65.00	$ 43.34	$ 57.00	$ 100.34	$ 903.05
137			1-1/4" / 1" Dia Hot Water Pipe Reducer	EA	4	0%	4	0.667	$ 65.00	$ 43.34	$ 57.00	$ 100.34	$ 401.36
138			1-1/2" / 3/4" Dia Hot Water Pipe Reducer	EA	10	0%	10	0.750	$ 65.00	$ 48.75	$ 86.00	$ 134.75	$ 1,347.50
139			1-1/2" / 1" Dia Hot Water Pipe Reducer	EA	8	0%	8	0.750	$ 65.00	$ 48.75	$ 86.00	$ 134.75	$ 1,078.00
140			1-1/2" / 1-1/4" Dia Hot Water Pipe Reducer	EA	8	0%	8	0.750	$ 65.00	$ 48.75	$ 86.00	$ 134.75	$ 1,078.00
141			2" / 3/4" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.857	$ 65.00	$ 55.72	$ 149.80	$ 205.52	$ 205.52
142			2" / 1" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.857	$ 65.00	$ 55.72	$ 149.80	$ 205.52	$ 205.52
143			2" / 1-1/4" Dia Hot Water Pipe Reducer	EA	2	0%	2	0.857	$ 65.00	$ 55.72	$ 149.80	$ 205.52	$ 411.04
144			2" / 1-1/2" Dia Hot Water Pipe Reducer	EA	15	0%	15	0.857	$ 65.00	$ 55.72	$ 149.80	$ 205.52	$ 3,082.82
			HOT WATER RETURN PIPE (ABOVE GRADE)										
			Type "L" Copper Tubing With Propress Fittings										
145			3/4" Dia Hot Water Return Pipe	LF	1439	10%	1583	0.079	$ 65.00	$ 5.12	$ 5.40	$ 10.52	$ 16,650.13
146			1" Dia Hot Water Return Pipe	LF	834	10%	917	0.089	$ 65.00	$ 5.75	$ 7.80	$ 13.55	$ 12,433.06
147			1-1/4" Dia Hot Water Return Pipe	LF	202	10%	222	0.104	$ 65.00	$ 6.73	$ 10.90	$ 17.63	$ 3,916.83
148			1-1/2" Dia Hot Water Return Pipe	LF	84	10%	92	0.116	$ 65.00	$ 7.51	$ 13.75	$ 21.26	$ 1,964.19
149			2" Dia Hot Water Return Pipe	LF	322	10%	354	0.143	$ 65.00	$ 9.26	$ 22.00	$ 31.26	$ 11,066.99
		Assumed	**1-1/2" Thick Fiberglass Pipe Insulation**										
150			3/4" Dia Hot Water Return Pipe	LF	1439	10%	1583	0.03	$ 65.00	$ 1.76	$ 4.84	$ 6.60	$ 10,439.23
151			1" Dia Hot Water Return Pipe	LF	834	10%	917	0.03	$ 65.00	$ 1.95	$ 5.18	$ 7.13	$ 6,541.06
152			1-1/4" Dia Hot Water Return Pipe	LF	202	10%	222	0.03	$ 65.00	$ 2.08	$ 5.65	$ 7.73	$ 1,717.61
153			1-1/2" Dia Hot Water Return Pipe	LF	84	10%	92	0.04	$ 65.00	$ 2.28	$ 5.90	$ 8.18	$ 755.37
154			2" Dia Hot Water Return Pipe	LF	322	10%	354	0.04	$ 65.00	$ 2.41	$ 3.89	$ 6.30	$ 2,229.62
			HOT WATER RETURN PIPE FITTINGS										
			ELBOW										
155			3/4" Dia Hot Water Return Pipe 45 Deg Elbow	EA	2	0%	2	0.474	$ 65.00	$ 30.79	$ 7.60	$ 38.39	$ 76.77
156			2" Dia Hot Water Return Pipe 45 Deg Elbow	EA	6	0%	6	0.818	$ 65.00	$ 53.16	$ 52.50	$ 105.66	$ 633.97
157			3/4" Dia Hot Water Return Pipe 90 Deg Elbow	EA	74	0%	74	0.316	$ 65.00	$ 20.52	$ 5.40	$ 25.92	$ 1,918.36
158			1" Dia Hot Water Return Pipe 90 Deg Elbow	EA	8	0%	8	0.375	$ 65.00	$ 24.38	$ 13.45	$ 37.83	$ 302.60
159			1-1/4" Dia Hot Water Return Pipe 90 Deg Elbow	EA	5	0%	5	0.400	$ 65.00	$ 25.98	$ 19.95	$ 45.93	$ 229.67
160			1-1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	7	0%	7	0.461	$ 65.00	$ 29.98	$ 31.00	$ 60.98	$ 426.87
161			2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	24	0%	24	0.545	$ 65.00	$ 35.44	$ 56.50	$ 91.94	$ 2,206.59
			TEE										
162			3/4" Dia Hot Water Return Pipe Tee	EA	6	0%	6	0.500	$ 65.00	$ 32.52	$ 14.25	$ 46.77	$ 280.60
163			1" Dia Hot Water Return Pipe Tee	EA	2	0%	2	0.600	$ 65.00	$ 39.00	$ 26.00	$ 65.00	$ 130.00
164			1-1/2" Dia Hot Water Return Pipe Tee	EA	13	0%	13	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 1,452.75
165			2" Dia Hot Water Return Pipe Tee	EA	5	0%	5	0.857	$ 65.00	$ 55.72	$ 100.00	$ 155.72	$ 778.61
166			1" / 3/4" Dia Hot Water Return Pipe Tee	EA	22	0%	22	0.600	$ 65.00	$ 39.00	$ 26.00	$ 65.00	$ 1,430.00
167			1-1/4" / 3/4" Dia Hot Water Return Pipe Tee	EA	3	0%	3	0.667	$ 65.00	$ 43.34	$ 41.50	$ 84.84	$ 254.52
168			1-1/4" / 1" Dia Hot Water Return Pipe Tee	EA	5	0%	5	0.667	$ 65.00	$ 43.34	$ 41.50	$ 84.84	$ 424.19
169			1-1/2" / 1" Dia Hot Water Return Pipe Tee	EA	7	0%	7	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 782.25
			REDUCER										
170			1" / 3/4" Dia Hot Water Return Pipe Reducer	EA	19	0%	19	0.600	$ 65.00	$ 39.00	$ 34.00	$ 73.00	$ 1,387.00
171			1-1/4" / 3/4" Dia Hot Water Return Pipe Reducer	EA	3	0%	3	0.667	$ 65.00	$ 43.34	$ 57.00	$ 100.34	$ 301.02
172			1-1/4" / 1" Dia Hot Water Return Pipe Reducer	EA	2	0%	2	0.667	$ 65.00	$ 43.34	$ 57.00	$ 100.34	$ 200.68
173			1-1/2" / 3/4" Dia Hot Water Return Pipe Reducer	EA	6	0%	6	0.750	$ 65.00	$ 48.75	$ 86.00	$ 134.75	$ 808.50
174			1-1/2" / 1" Dia Hot Water Return Pipe Reducer	EA	2	0%	2	0.750	$ 65.00	$ 48.75	$ 86.00	$ 134.75	$ 269.50
175			1-1/2" / 1-1/4" Dia Hot Water Return Pipe Reducer	EA	5	0%	5	0.750	$ 65.00	$ 48.75	$ 86.00	$ 134.75	$ 673.75
			IRRIGATION WATER PIPE (BELOW GRADE)										
		Assumed	**Type "K" Copper Tubing With Propress Fittings**										
176			1" Dia Irrigation Water Pipe	LF	6	10%	7	0.091	$ 65.00	$ 5.90	$ 9.60	$ 15.50	$ 109.96
			IRRIAGTION WATER PIPE FITTINGS										
			ELBOW										
177			1" Dia Irrigation Water Pipe 90 Deg Elbow	EA	1	0%	1	0.375	$ 65.00	$ 24.38	$ 13.45	$ 37.83	$ 37.83
			SOFTNER WATER PIPE (ABOVE GRADE)										
		Assumed	**Type "L" Copper Tubing With Propress Fittings**										
178			4" Dia Softener Water Pipe	LF	46	10%	50	0.308	$ 65.00	$ 19.99	$ 88.00	$ 107.99	$ 5,440.41
		Assumed	**1" Thick Fiberglass Pipe Insulation**										
179			4" Dia Softener Water Pipe	LF	46	10%	50	0.03	$ 65.00	$ 1.63	$ 4.58	$ 6.20	$ 312.36
			SOFTNER WATER PIPE FITTINGS										
			ELBOW										
180			4" Dia Softener Water Pipe 45 Deg Elbow	EA	2	0%	2	2.000	$ 65.00	$ 130.02	$ 294.00	$ 424.02	$ 848.03
181			4" Dia Softener Water Pipe 90 Deg Elbow	EA	4	0%	4	1.334	$ 65.00	$ 86.68	$ 320.00	$ 406.68	$ 1,626.71
			TEE										
182			4" Dia Softener Water Pipe Tee	EA	1	0%	1	2.400	$ 65.00	$ 156.00	$ 695.00	$ 851.00	$ 851.00
			TANK REHEAT WATER PIPE (ABOVE GRADE)										
		Assumed	**Type "L" Copper Tubing With Propress Fittings**										
183			4" Dia Tank Reheat Water Pipe	LF	36	10%	40	0.308	$ 65.00	$ 19.99	$ 88.00	$ 107.99	$ 4,328.57
		Assumed	**1" Thick Fiberglass Pipe Insulation**										
184			4" Dia Tank Reheat Water Pipe	LF	36	10%	40	0.03	$ 65.00	$ 1.63	$ 4.58	$ 6.20	$ 248.52
			TANK REHEAT WATER PIPE FITTINGS										
			ELBOW										
185			4" Dia Tank Reheat Water Pipe 90 Deg Elbow	EA	13	0%	13	1.334	$ 65.00	$ 86.68	$ 320.00	$ 406.68	$ 5,286.81
			TEE										
186			4" Dia Tank Reheat Water Pipe Tee	EA	4	0%	4	2.400	$ 65.00	$ 156.00	$ 695.00	$ 851.00	$ 3,404.00
			TANK FEEDER WATER PIPE (ABOVE GRADE)										
		Assumed	**Type "L" Copper Tubing With Propress Fittings**										
187			4" Dia Tank Feeder Water Pipe	LF	48	10%	53	0.308	$ 65.00	$ 19.99	$ 88.00	$ 107.99	$ 5,675.61
		Assumed	**1" Thick Fiberglass Pipe Insulation**										
188			4" Dia Tank Feeder Water Pipe	LF	48	10%	53	0.03	$ 65.00	$ 1.63	$ 4.58	$ 6.20	$ 325.86
			TANK FEEDER WATER PIPE FITTINGS										
			ELBOW										
189			4" Dia Tank Feeder Water Pipe 90 Deg Elbow	EA	13	0%	13	1.334	$ 65.00	$ 86.68	$ 320.00	$ 406.68	$ 5,286.81
			TEE										
190			4" Dia Tank Feeder Water Pipe Tee	EA	3	0%	3	2.400	$ 65.00	$ 156.00	$ 695.00	$ 851.00	$ 2,553.00
			TRAP PRIMER PIPE (BELOW GRADE)										
		Assumed	**Type "K" Copper Tubing With Propress Fittings**										
191			1/2" Dia Trap Primer Pipe	LF	222	10%	244	0.077	$ 65.00	$ 5.02	$ 4.25	$ 9.27	$ 2,264.04
			TRAP PRIMER PIPE FITTINGS										
			ELBOW										
192			1/2" Dia Trap Primer Pipe 90 Deg Elbow	EA	37	0%	37	0.300	$ 65.00	$ 19.50	$ 2.49	$ 21.99	$ 813.63
			WASTE PIPE (BELOW GRADE)										
			Schedule 40 PVC Pipe With Fittings										
193			2" Dia Waste Pipe	LF	407	10%	448	0.183	$ 65.00	$ 11.89	$ 3.58	$ 15.47	$ 6,929.29
194			3" Dia Waste Pipe	LF	198	10%	217	0.204	$ 65.00	$ 13.25	$ 5.36	$ 18.61	$ 4,043.95
195			4" Dia Waste Pipe	LF	953	10%	1049	0.225	$ 65.00	$ 14.61	$ 7.15	$ 21.76	$ 22,819.48
196			6" Dia Waste Pipe	LF	346	10%	381	0.277	$ 65.00	$ 17.99	$ 10.73	$ 28.72	$ 10,944.44
			WASTE PIPE FITTINGS										
			ELBOW										
197			2" Dia Waste Pipe 90 Deg Elbow	EA	55	0%	55	0.330	$ 65.00	$ 21.45	$ 2.80	$ 24.25	$ 1,333.75
198			3" Dia Waste Pipe 90 Deg Elbow	EA	22	0%	22	0.524	$ 65.00	$ 34.08	$ 9.55	$ 43.63	$ 959.78
199			4" Dia Waste Pipe 90 Deg Elbow	EA	34	0%	34	0.659	$ 65.00	$ 42.85	$ 17.10	$ 59.95	$ 2,038.34
200			6" Dia Waste Pipe 90 Deg Elbow	EA	11	0%	11	1.081	$ 65.00	$ 70.25	$ 54.50	$ 124.75	$ 1,372.24
201			2" Dia Waste Pipe 45 Deg Elbow	EA	54	0%	54	0.396	$ 65.00	$ 25.74	$ 3.08	$ 28.82	$ 1,556.28
202			3" Dia Waste Pipe 45 Deg Elbow	EA	24	0%	24	0.629	$ 65.00	$ 40.89	$ 12.20	$ 53.09	$ 1,274.20
203			4" Dia Waste Pipe 45 Deg Elbow	EA	59	0%	59	0.791	$ 65.00	$ 51.42	$ 22.50	$ 73.92	$ 4,361.37
204			6" Dia Waste Pipe 45 Deg Elbow	EA	5	0%	5	1.297	$ 65.00	$ 84.30	$ 82.50	$ 166.80	$ 833.99
			WYE										
205			2" Dia Waste Pipe Wye	EA	9	0%	9	0.496	$ 65.00	$ 32.22	$ 4.16	$ 36.38	$ 327.44
206			3" Dia Waste Pipe Wye	EA	3	0%	3	0.790	$ 65.00	$ 51.33	$ 16.47	$ 67.80	$ 203.41
207			4" Dia Waste Pipe Wye	EA	39	0%	39	0.992	$ 65.00	$ 64.45	$ 30.38	$ 94.82	$ 3,698.08
208			6" Dia Waste Pipe Wye	EA	2	0%	2	1.622	$ 65.00	$ 105.40	$ 111.38	$ 216.77	$ 433.55
209			3" Dia Waste Pipe Wye Combination	EA	1	0%	1	0.790	$ 65.00	$ 51.33	$ 16.47	$ 67.80	$ 67.80

DETAILED BREAKDOWN OF ITEMS

Prepared for: Baptist Health South Florida Miami Neuroscience Institute & North Tower 8900 N. Kendall DR. Miami, FL 33176
Project ID: 3052026
Scope: Plumbing

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Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
210			6" Dia Waste Pipe Wye Combination	EA	1	0%	1	1.622	$ 65.00	$ 105.40	$ 111.38	$ 216.77	$ 216.77
211			3" / 2" Dia Waste Pipe Wye	EA	5	0%	5	0.790	$ 65.00	$ 51.33	$ 16.47	$ 67.80	$ 339.02
212			4" / 2" Dia Waste Pipe Wye	EA	21	0%	21	0.992	$ 65.00	$ 64.45	$ 30.38	$ 94.82	$ 1,991.27
213			4" / 3" Dia Waste Pipe Wye	EA	12	0%	12	0.992	$ 65.00	$ 64.45	$ 30.38	$ 94.82	$ 1,137.87
214			6" / 2" Dia Waste Pipe Wye	EA	3	0%	3	1.622	$ 65.00	$ 105.40	$ 111.38	$ 216.77	$ 650.32
215			6" / 3" Dia Waste Pipe Wye	EA	4	0%	4	1.622	$ 65.00	$ 105.40	$ 111.38	$ 216.77	$ 867.09
216			6" / 4" Dia Waste Pipe Wye	EA	18	0%	18	1.622	$ 65.00	$ 105.40	$ 111.38	$ 216.77	$ 3,901.91
			REDUCER										
217			3" / 2" Dia Waste Pipe Reducer	EA	2	0%	2	0.450	$ 65.00	$ 29.25	$ 7.36	$ 36.61	$ 73.22
218			4" / 2" Dia Waste Pipe Reducer	EA	11	0%	11	0.600	$ 65.00	$ 39.00	$ 10.35	$ 49.35	$ 542.85
219			4" / 3" Dia Waste Pipe Reducer	EA	4	0%	4	0.600	$ 65.00	$ 39.00	$ 10.35	$ 49.35	$ 197.40
220			6" / 4" Dia Waste Pipe Reducer	EA	4	0%	4	0.983	$ 65.00	$ 63.91	$ 25.50	$ 89.41	$ 357.65
			WASTE PIPE (ABOVE GRADE)										
			Cast Iron Pipe With Fittings										
221			2" Dia Waste Pipe	LF	2293	10%	2522	0.179	$ 65.00	$ 11.65	$ 11.25	$ 22.90	$ 57,751.48
222			3" Dia Waste Pipe	LF	1126	10%	1239	0.188	$ 65.00	$ 12.19	$ 20.00	$ 32.19	$ 39,877.71
223			4" Dia Waste Pipe	LF	1167	10%	1284	0.207	$ 65.00	$ 13.46	$ 26.00	$ 39.46	$ 50,642.74
			WASTE PIPE FITTINGS										
			ELBOW										
224			2" Dia Waste Pipe 90 Deg Elbow	EA	213	0%	213	0.750	$ 65.00	$ 48.75	$ 65.00	$ 113.75	$ 24,228.75
225			3" Dia Waste Pipe 90 Deg Elbow	EA	36	0%	36	0.857	$ 65.00	$ 55.72	$ 92.00	$ 147.72	$ 5,317.97
226			4" Dia Waste Pipe 90 Deg Elbow	EA	40	0%	40	0.923	$ 65.00	$ 60.01	$ 136.00	$ 196.01	$ 7,840.45
227			2" Dia Waste Pipe 45 Deg Elbow	EA	245	0%	245	1.125	$ 65.00	$ 73.13	$ 72.00	$ 145.13	$ 35,555.63
228			3" Dia Waste Pipe 45 Deg Elbow	EA	129	0%	129	1.286	$ 65.00	$ 83.58	$ 98.00	$ 181.58	$ 23,424.06
229			4" Dia Waste Pipe 45 Deg Elbow	EA	153	0%	153	1.385	$ 65.00	$ 90.02	$ 154.00	$ 244.02	$ 37,334.58
			WYE										
230			2" Dia Waste Pipe Wye	EA	15	0%	15	1.200	$ 65.00	$ 78.00	$ 59.00	$ 137.00	$ 2,055.00
231			3" Dia Waste Pipe Wye	EA	22	0%	22	1.334	$ 65.00	$ 86.68	$ 96.50	$ 183.18	$ 4,029.91
232			4" Dia Waste Pipe Wye	EA	60	0%	60	1.500	$ 65.00	$ 97.50	$ 118.00	$ 215.50	$ 12,930.00
233			2" Dia Waste Pipe Wye Combination	EA	154	0%	154	1.200	$ 65.00	$ 78.00	$ 59.00	$ 137.00	$ 21,098.00
234			4" Dia Waste Pipe Wye Combination	EA	10	0%	10	1.500	$ 65.00	$ 97.50	$ 118.00	$ 215.50	$ 2,155.00
235			3" Dia Waste Pipe Double Wye	EA	2	0%	2	1.334	$ 65.00	$ 86.68	$ 96.50	$ 183.18	$ 366.36
236			4" Dia Waste Pipe Double Wye	EA	6	0%	6	1.500	$ 65.00	$ 97.50	$ 118.00	$ 215.50	$ 1,293.00
237			3" / 2" Dia Waste Pipe Wye	EA	84	0%	84	1.334	$ 65.00	$ 86.68	$ 96.50	$ 183.18	$ 15,386.91
238			4" / 2" Dia Waste Pipe Wye	EA	40	0%	40	1.500	$ 65.00	$ 97.50	$ 118.00	$ 215.50	$ 8,620.00
239			4" / 3" Dia Waste Pipe Wye	EA	46	0%	46	1.500	$ 65.00	$ 97.50	$ 118.00	$ 215.50	$ 9,913.00
240			4" / 3" Dia Waste Pipe Double Wye	EA	6	0%	6	1.500	$ 65.00	$ 97.50	$ 118.00	$ 215.50	$ 1,293.00
			REDUCER										
241			3" / 2" Dia Waste Pipe Reducer	EA	69	0%	69	1.334	$ 65.00	$ 86.68	$ 105.45	$ 192.13	$ 13,256.80
242			4" / 2" Dia Waste Pipe Reducer	EA	34	0%	34	1.500	$ 65.00	$ 97.50	$ 135.46	$ 232.96	$ 7,920.64
243			4" / 3" Dia Waste Pipe Reducer	EA	16	0%	16	1.500	$ 65.00	$ 97.50	$ 135.46	$ 232.96	$ 3,727.36
			GREASE WASTE PIPE (BELOW GRADE)										
			Cast Iron Pipe With Fittings										
244			4" Dia Grease Waste Pipe	LF	280	10%	308	0.207	$ 65.00	$ 13.46	$ 26.00	$ 39.46	$ 12,152.14
			WASTE PIPE FITTINGS										
			ELBOW										
245			4" Dia Grease Waste Pipe 90 Deg Elbow	EA	1	0%	1	0.923	$ 65.00	$ 60.01	$ 136.00	$ 196.01	$ 196.01
246			4" Dia Grease Waste Pipe 45 Deg Elbow	EA	5	0%	5	1.385	$ 65.00	$ 90.02	$ 154.00	$ 244.02	$ 1,220.08
			WYE										
247			4" Dia Grease Waste Pipe Wye	EA	3	0%	3	1.500	$ 65.00	$ 97.50	$ 118.00	$ 215.50	$ 646.50
			VENT PIPE (ABOVE GRADE)										
			Cast Iron Pipe With Fittings										
248			2" Dia Vent Pipe	LF	5059	10%	5564	0.179	$ 65.00	$ 11.65	$ 11.25	$ 22.90	$ 127,431.58
249			3" Dia Vent Pipe	LF	674	10%	742	0.188	$ 65.00	$ 12.19	$ 20.00	$ 32.19	$ 23,873.02
250			4" Dia Vent Pipe	LF	12	10%	13	0.207	$ 65.00	$ 13.46	$ 26.00	$ 39.46	$ 527.75
			VENT PIPE FITTINGS										
			ELBOW										
251			2" Dia Vent Pipe 90 Deg Elbow	EA	530	0%	530	0.750	$ 65.00	$ 48.75	$ 65.00	$ 113.75	$ 60,287.50
252			3" Dia Vent Pipe 90 Deg Elbow	EA	27	0%	27	0.857	$ 65.00	$ 55.72	$ 92.00	$ 147.72	$ 3,988.47
253			4" Dia Vent Pipe 90 Deg Elbow	EA	1	0%	1	0.923	$ 65.00	$ 60.01	$ 136.00	$ 196.01	$ 196.01
254			2" Dia Vent Pipe 45 Deg Elbow	EA	11	0%	11	1.125	$ 65.00	$ 73.13	$ 72.00	$ 145.13	$ 1,596.38
255			3" Dia Vent Pipe 45 Deg Elbow	EA	2	0%	2	1.286	$ 65.00	$ 83.58	$ 98.00	$ 181.58	$ 363.16
			TEE										
256			2" Dia Vent Pipe Tee	EA	211	0%	211	1.200	$ 65.00	$ 78.00	$ 59.00	$ 137.00	$ 28,907.00
257			3" Dia Vent Pipe Tee	EA	13	0%	13	1.334	$ 65.00	$ 86.68	$ 96.50	$ 183.18	$ 2,381.31
258			4" Dia Vent Pipe Tee	EA	1	0%	1	1.500	$ 65.00	$ 97.50	$ 118.00	$ 215.50	$ 215.50
259			3" / 2" Dia Vent Pipe Tee	EA	27	0%	27	1.334	$ 65.00	$ 86.68	$ 96.50	$ 183.18	$ 4,945.79
260			2" Dia Vent Pipe Cross Tee	EA	3	0%	3	1.200	$ 65.00	$ 78.00	$ 59.00	$ 137.00	$ 411.00
261			3" Dia Vent Pipe Cross Tee	EA	1	0%	1	1.200	$ 65.00	$ 78.00	$ 59.00	$ 137.00	$ 137.00
262			3" / 2" Dia Vent Pipe Cross Tee	EA	6	0%	6	1.334	$ 65.00	$ 86.68	$ 96.50	$ 183.18	$ 1,099.07
			REDUCER										
263			3" / 2" Dia Vent Pipe Reducer	EA	12	0%	12	1.334	$ 65.00	$ 86.68	$ 105.45	$ 192.13	$ 2,305.53
264			4" / 3" Dia Vent Pipe Reducer	EA	2	0%	2	1.500	$ 65.00	$ 97.50	$ 135.46	$ 232.96	$ 465.92
			CONDENSATE DRAIN PIPE (ABOVE GRADE)										
		Assumed	**Cast Iron Pipe With Fittings**										
265			3" Dia Condensate Drain Pipe	LF	240	10%	263	0.188	$ 65.00	$ 12.19	$ 20.00	$ 32.19	$ 8,480.15
			CONDENSATE DRAIN PIPE FITTINGS										
			ELBOW										
266			3" Dia Condensate Drain Pipe 90 Deg Elbow	EA	8	0%	8	0.857	$ 65.00	$ 55.72	$ 92.00	$ 147.72	$ 1,181.77
267			3" Dia Condensate Drain Pipe 45 Deg Elbow	EA	10	0%	10	1.286	$ 65.00	$ 83.58	$ 98.00	$ 181.58	$ 1,815.82
			TEE										
268			3" Dia Condensate Drain Pipe Tee	EA	8	0%	8	1.334	$ 65.00	$ 86.68	$ 96.50	$ 183.18	$ 1,465.42
			PUMPED DISCHARGE PIPE (BELOW GRADE)										
		Assumed	**Schedule 40 PVC Pipe With Fittings**										
269			3" Dia Pumped Discharge Pipe	LF	65	10%	72	0.204	$ 65.00	$ 13.25	$ 5.36	$ 18.61	$ 1,330.92
			PUMPED DISCHARGE PIPE FITTINGS										
			ELBOW										
270			3" Dia Pumped Discharge Pipe 90 Deg Elbow	EA	3	0%	3	0.524	$ 65.00	$ 34.08	$ 9.55	$ 43.63	$ 130.88
271			3" Dia Pumped Discharge Pipe 45 Deg Elbow	EA	2	0%	2	0.629	$ 65.00	$ 40.89	$ 12.20	$ 53.09	$ 106.18
			PUMPED DISCHARGE PIPE (ABOVE GRADE)										
		Assumed	**Cast Iron Pipe With Fittings**										
272			3" Dia Pumped Discharge Pipe	LF	225	10%	248	0.188	$ 65.00	$ 12.19	$ 20.00	$ 32.19	$ 7,966.41
			PUMPED DISCHARGE PIPE FITTINGS										
			ELBOW										
273			3" Dia Pumped Discharge Pipe 90 Deg Elbow	EA	10	0%	10	0.857	$ 65.00	$ 55.72	$ 92.00	$ 147.72	$ 1,477.21
274			3" Dia Pumped Discharge Pipe 45 Deg Elbow	EA	3	0%	3	1.286	$ 65.00	$ 83.58	$ 98.00	$ 181.58	$ 544.75
			WYE										
275			3" Dia Pumped Discharge Pipe Wye	EA	2	0%	2	1.334	$ 65.00	$ 86.68	$ 96.50	$ 183.18	$ 366.36
			STORM DRAIN PIPE (BELOW GRADE)										
			Schedule 40 PVC Pipe With Fittings										
276			3" Dia Storm Drain Pipe	LF	4	10%	4	0.204	$ 65.00	$ 13.25	$ 5.36	$ 18.61	$ 81.90
277			4" Dia Storm Drain Pipe	LF	126	10%	139	0.225	$ 65.00	$ 14.61	$ 7.15	$ 21.76	$ 3,022.73
278			6" Dia Storm Drain Pipe	LF	167	10%	183	0.277	$ 65.00	$ 17.99	$ 10.73	$ 28.72	$ 5,260.74
279			8" Dia Storm Drain Pipe	LF	194	10%	214	0.338	$ 65.00	$ 21.94	$ 14.30	$ 36.24	$ 7,739.92
280	P-1200A, P1200B,		10" Dia Storm Drain Pipe	LF	95	10%	105	0.377	$ 65.00	$ 24.48	$ 17.88	$ 42.36	$ 4,430.12
281	P1201A, P1201B,		12" Dia Storm Drain Pipe	LF	31	10%	35	0.385	$ 65.00	$ 25.05	$ 21.46	$ 46.51	$ 1,604.87
282	P1202A, P1202B,		16" Dia Storm Drain Pipe	LF	104	10%	114	0.704	$ 65.00	$ 45.76	$ 28.61	$ 74.37	$ 8,492.34
	P1203A, P1203B, P1204A, P1204B,		**STORM DRAIN PIPE FITTINGS**										
	P1205A, P1205B,		**ELBOW**										
283	P1207, P1301A,		4" Dia Storm Drain Pipe 90 Deg Elbow	EA	4	0%	4	0.659	$ 65.00	$ 42.85	$ 17.10	$ 59.95	$ 239.81
284	P1301B, P1302A,		6" Dia Storm Drain Pipe 90 Deg Elbow	EA	6	0%	6	1.081	$ 65.00	$ 70.25	$ 54.50	$ 124.75	$ 748.49
285	P1302B, P1303A,		8" Dia Storm Drain Pipe 90 Deg Elbow	EA	3	0%	3	1.748	$ 65.00	$ 113.59	$ 140.00	$ 253.59	$ 760.76
286	P1303B, P1304A,		10" Dia Storm Drain Pipe 90 Deg Elbow	EA	2	0%	2	2.150	$ 65.00	$ 139.75	$ 210.56	$ 350.31	$ 700.62
287	P1304B, P1305A,		4" Dia Storm Drain Pipe 45 Deg Elbow	EA	5	0%	5	0.791	$ 65.00	$ 51.42	$ 22.50	$ 73.92	$ 369.61
288	P1305B		6" Dia Storm Drain Pipe 45 Deg Elbow	EA	12	0%	12	1.297	$ 65.00	$ 84.30	$ 82.50	$ 166.80	$ 2,001.58
289			8" Dia Storm Drain Pipe 45 Deg Elbow	EA	10	0%	10	2.097	$ 65.00	$ 136.31	$ 198.00	$ 334.31	$ 3,343.05
290			12" Dia Storm Drain Pipe 45 Deg Elbow	EA	2	0%	2	2.354	$ 65.00	$ 153.01	$ 315.26	$ 468.27	$ 936.54
291			16" Dia Storm Drain Pipe 45 Deg Elbow	EA	4	0%	4	2.550	$ 65.00	$ 165.75	$ 745.26	$ 911.01	$ 3,644.04
			WYE										
292			4" Dia Storm Drain Pipe Wye	EA	1	0%	1	0.992	$ 65.00	$ 64.45	$ 30.38	$ 94.82	$ 94.82
293			8" Dia Storm Drain Pipe Wye	EA	1	0%	1	2.647	$ 65.00	$ 172.04	$ 267.30	$ 439.34	$ 439.34
294			8" / 6" Dia Storm Drain Pipe Wye	EA	1	0%	1	2.647	$ 65.00	$ 172.04	$ 267.30	$ 439.34	$ 439.34
295			10" / 4" Dia Storm Drain Pipe Wye	EA	2	0%	2	2.875	$ 65.00	$ 186.88	$ 512.13	$ 699.01	$ 1,398.01
296			10" / 6" Dia Storm Drain Pipe Wye	EA	3	0%	3	2.875	$ 65.00	$ 186.88	$ 512.13	$ 699.01	$ 2,097.02
297			12" / 8" Dia Storm Drain Pipe Wye	EA	2	0%	2	3.150	$ 65.00	$ 204.75	$ 685.23	$ 889.98	$ 1,779.96
298			16" / 4" Dia Storm Drain Pipe Wye	EA	1	0%	1	4.550	$ 65.00	$ 295.75	$ 1,245.26	$ 1,541.01	$ 1,541.01
299			16" / 6" Dia Storm Drain Pipe Wye	EA	3	0%	3	4.550	$ 65.00	$ 295.75	$ 1,245.26	$ 1,541.01	$ 4,623.03
300			16" / 8" Dia Storm Drain Pipe Wye	EA	1	0%	1	4.550	$ 65.00	$ 295.75	$ 1,245.26	$ 1,541.01	$ 1,541.01
301			16" / 4" Dia Storm Drain Pipe Wye Combination	EA	2	0%	2	4.550	$ 65.00	$ 295.75	$ 1,245.26	$ 1,541.01	$ 3,082.02
			REDUCER										
302			8" / 4" Dia Storm Drain Pipe Reducer	EA	1	0%	1	1.593	$ 65.00	$ 103.55	$ 95.50	$ 199.05	$ 199.05
303			10" / 8" Dia Storm Drain Pipe Reducer	EA	1	0%	1	1.785	$ 65.00	$ 116.03	$ 125.48	$ 241.51	$ 241.51
304			12" / 8" Dia Storm Drain Pipe Reducer	EA	1	0%	1	1.850	$ 65.00	$ 120.25	$ 215.48	$ 335.73	$ 335.73
305			16" / 12" Dia Storm Drain Pipe Reducer	EA	1	0%	1	2.100	$ 65.00	$ 136.50	$ 412.56	$ 549.06	$ 549.06
			STORM DRAIN PIPE (ABOVE GRADE)										
			Cast Iron Pipe With Fittings										
306			2" Dia Storm Drain Pipe	LF	53	10%	58	0.179	$ 65.00	$ 11.65	$ 11.25	$ 22.90	$ 1,334.39
307			3" Dia Storm Drain Pipe	LF	135	10%	149	0.188	$ 65.00	$ 12.19	$ 20.00	$ 32.19	$ 4,793.30
308			4" Dia Storm Drain Pipe	LF	784	10%	863	0.207	$ 65.00	$ 13.46	$ 26.00	$ 39.46	$ 34,044.22
309			6" Dia Storm Drain Pipe	LF	488	10%	537	0.228	$ 65.00	$ 14.82	$ 40.50	$ 55.32	$ 29,684.21
310			8" Dia Storm Drain Pipe	LF	37	10%	41	0.348	$ 65.00	$ 22.62	$ 78.50	$ 101.12	$ 4,133.38

DETAILED BREAKDOWN OF ITEMS

Prepared for: Baptist Health South Florida Miami Neuroscience Institute & North Tower 8900 N. Kendall DR. Miami, FL 33176
Project ID: 3052026
Scope: Plumbing

USA ESTIMATORS
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Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			STORM DRAIN PIPE FITTINGS										
			ELBOW										
311			2" Dia Storm Drain Pipe 90 Deg Elbow	EA	4	0%	4	0.750	$ 65.00	$ 48.75	$ 65.00	$ 113.75	$ 455.00
312			3" Dia Storm Drain Pipe 90 Deg Elbow	EA	11	0%	11	0.857	$ 65.00	$ 55.72	$ 92.00	$ 147.72	$ 1,624.93
313			4" Dia Storm Drain Pipe 90 Deg Elbow	EA	36	0%	36	0.923	$ 65.00	$ 60.01	$ 136.00	$ 196.01	$ 7,056.41
314			6" Dia Storm Drain Pipe 90 Deg Elbow	EA	19	0%	19	1.059	$ 65.00	$ 68.84	$ 273.00	$ 341.84	$ 6,494.87
315			8" Dia Storm Drain Pipe 90 Deg Elbow	EA	2	0%	2	2.175	$ 65.00	$ 141.38	$ 615.00	$ 756.38	$ 1,512.75
316			2" Dia Storm Drain Pipe 45 Deg Elbow	EA	2	0%	2	1.125	$ 65.00	$ 73.13	$ 72.00	$ 145.13	$ 290.25
317			3" Dia Storm Drain Pipe 45 Deg Elbow	EA	6	0%	6	1.286	$ 65.00	$ 83.58	$ 98.00	$ 181.58	$ 1,089.49
318			4" Dia Storm Drain Pipe 45 Deg Elbow	EA	56	0%	56	1.385	$ 65.00	$ 90.02	$ 154.00	$ 244.02	$ 13,664.95
319			6" Dia Storm Drain Pipe 45 Deg Elbow	EA	27	0%	27	1.589	$ 65.00	$ 103.25	$ 288.00	$ 391.25	$ 10,563.82
320			8" Dia Storm Drain Pipe 45 Deg Elbow	EA	2	0%	2	3.263	$ 65.00	$ 212.06	$ 640.00	$ 852.06	$ 1,704.13
			WYE										
321			3" Dia Storm Drain Pipe Wye	EA	1	0%	1	1.334	$ 65.00	$ 86.68	$ 96.50	$ 183.18	$ 183.18
322			4" Dia Storm Drain Pipe Wye	EA	4	0%	4	1.500	$ 65.00	$ 97.50	$ 118.00	$ 215.50	$ 862.00
323			6" Dia Storm Drain Pipe Wye	EA	3	0%	3	1.500	$ 65.00	$ 97.50	$ 266.00	$ 363.50	$ 1,090.50
324			3" / 2" Dia Storm Drain Pipe Wye	EA	2	0%	2	1.334	$ 65.00	$ 86.68	$ 96.50	$ 183.18	$ 366.36
325			4" / 3" Dia Storm Drain Pipe Wye	EA	3	0%	3	1.500	$ 65.00	$ 97.50	$ 118.00	$ 215.50	$ 646.50
326			6" / 3" Dia Storm Drain Pipe Wye	EA	1	0%	1	1.500	$ 65.00	$ 97.50	$ 266.00	$ 363.50	$ 363.50
327			6" / 4" Dia Storm Drain Pipe Wye	EA	10	0%	10	1.500	$ 65.00	$ 97.50	$ 266.00	$ 363.50	$ 3,635.00
328			8" / 4" Dia Storm Drain Pipe Wye	EA	2	0%	2	1.637	$ 65.00	$ 106.37	$ 705.00	$ 811.37	$ 1,622.75
329			8" / 6" Dia Storm Drain Pipe Wye	EA	3	0%	3	1.637	$ 65.00	$ 106.37	$ 705.00	$ 811.37	$ 2,434.12
			REDUCER										
330			3" / 2" Dia Storm Drain Pipe Reducer	EA	2	0%	2	1.334	$ 65.00	$ 86.68	$ 105.45	$ 192.13	$ 384.26
331			4" / 3" Dia Storm Drain Pipe Reducer	EA	1	0%	1	1.500	$ 65.00	$ 97.50	$ 135.46	$ 232.96	$ 232.96
332			6" / 3" Dia Storm Drain Pipe Reducer	EA	2	0%	2	1.76	$ 65.00	$ 114.27	$ 185.65	$ 299.92	$ 599.84
333			6" / 4" Dia Storm Drain Pipe Reducer	EA	7	0%	7	1.76	$ 65.00	$ 114.27	$ 185.65	$ 299.92	$ 2,099.44
334			8" / 6" Dia Storm Drain Pipe Reducer	EA	3	0%	3	2.10	$ 65.00	$ 136.50	$ 845.21	$ 981.71	$ 2,945.13
			OVERFLOW DRAIN PIPE (ABOVE GRADE)										
		Assumed	**Cast Iron Pipe With Fittings**										
335			3" Dia Overflow Drain Pipe	LF	94	10%	104	0.188	$ 65.00	$ 12.19	$ 20.00	$ 32.19	$ 3,344.47
336			4" Dia Overflow Drain Pipe	LF	682	10%	751	0.207	$ 65.00	$ 13.46	$ 26.00	$ 39.46	$ 29,614.77
337			6" Dia Overflow Drain Pipe	LF	710	10%	781	0.228	$ 65.00	$ 14.82	$ 40.50	$ 55.32	$ 43,202.49
338			8" Dia Overflow Drain Pipe	LF	94	10%	103	0.348	$ 65.00	$ 22.62	$ 78.50	$ 101.12	$ 10,406.87
339			10" Dia Overflow Drain Pipe	LF	44	10%	48	0.394	$ 65.00	$ 25.59	$ 125.00	$ 150.59	$ 7,275.49
			OVERFLOW DRAIN PIPE FITTINGS										
			ELBOW										
340			3" Dia Overflow Drain Pipe 90 Deg Elbow	EA	1	0%	1	0.857	$ 65.00	$ 55.72	$ 92.00	$ 147.72	$ 147.72
341			4" Dia Overflow Drain Pipe 90 Deg Elbow	EA	27	0%	27	0.923	$ 65.00	$ 60.01	$ 136.00	$ 196.01	$ 5,292.30
342			6" Dia Overflow Drain Pipe 90 Deg Elbow	EA	22	0%	22	1.059	$ 65.00	$ 68.84	$ 273.00	$ 341.84	$ 7,520.37
343			3" Dia Overflow Drain Pipe 45 Deg Elbow	EA	10	0%	10	1.286	$ 65.00	$ 83.58	$ 98.00	$ 181.58	$ 1,815.82
344			4" Dia Overflow Drain Pipe 45 Deg Elbow	EA	51	0%	51	1.385	$ 65.00	$ 90.02	$ 154.00	$ 244.02	$ 12,444.86
345			6" Dia Overflow Drain Pipe 45 Deg Elbow	EA	47	0%	47	1.589	$ 65.00	$ 103.25	$ 288.00	$ 391.25	$ 18,388.87
346			8" Dia Overflow Drain Pipe 45 Deg Elbow	EA	8	0%	8	3.263	$ 65.00	$ 212.06	$ 640.00	$ 852.06	$ 6,816.50
347			10" Dia Overflow Drain Pipe 45 Deg Elbow	EA	2	0%	2	3.600	$ 65.00	$ 234.00	$ 1,177.00	$ 1,411.00	$ 2,822.00
			WYE										
348			6" Dia Overflow Drain Pipe Wye	EA	3	0%	3	1.500	$ 65.00	$ 97.50	$ 266.00	$ 363.50	$ 1,090.50
349			4" / 3" Dia Overflow Drain Pipe Wye	EA	2	0%	2	1.500	$ 65.00	$ 97.50	$ 118.00	$ 215.50	$ 431.00
350			6" / 3" Dia Overflow Drain Pipe Wye	EA	1	0%	1	1.500	$ 65.00	$ 97.50	$ 266.00	$ 363.50	$ 363.50
351			6" / 4" Dia Overflow Drain Pipe Wye	EA	13	0%	13	1.500	$ 65.00	$ 97.50	$ 266.00	$ 363.50	$ 4,725.50
352			8" / 6" Dia Overflow Drain Pipe Wye	EA	1	0%	1	1.637	$ 65.00	$ 106.37	$ 705.00	$ 811.37	$ 811.37
353			10" / 4" Dia Overflow Drain Pipe Wye	EA	1	0%	1	3.428	$ 65.00	$ 222.84	$ 1,300.00	$ 1,522.84	$ 1,522.84
354			10" / 8" Dia Overflow Drain Pipe Wye	EA	2	0%	2	3.428	$ 65.00	$ 222.84	$ 1,300.00	$ 1,522.84	$ 3,045.67
			REDUCER										
355			4" / 3" Dia Overflow Drain Pipe Reducer	EA	1	0%	1	1.500	$ 65.00	$ 97.50	$ 135.46	$ 232.96	$ 232.96
356			6" / 4" Dia Overflow Drain Pipe Reducer	EA	7	0%	7	1.76	$ 65.00	$ 114.27	$ 185.65	$ 299.92	$ 2,099.44
357			8" / 6" Dia Overflow Drain Pipe Reducer	EA	2	0%	2	1.95	$ 65.00	$ 126.75	$ 389.67	$ 516.42	$ 1,032.84
358			10" / 6" Dia Overflow Drain Pipe Reducer	EA	2	0%	2	2.10	$ 65.00	$ 136.50	$ 845.21	$ 981.71	$ 1,963.42
			MEDICAL VACUUM PIPE (ABOVE GRADE)										
		Assumed	**Type "L" Copper Tubing With Propress Fittings**										
359			3/4" Dia Medical Vacuum Pipe	LF	306	10%	337	0.079	$ 65.00	$ 5.12	$ 5.40	$ 10.52	$ 3,542.00
360			1" Dia Medical Vacuum Pipe	LF	143	10%	157	0.089	$ 65.00	$ 5.75	$ 7.80	$ 13.55	$ 2,129.27
361			1-1/4" Dia Medical Vacuum Pipe	LF	36	10%	39	0.104	$ 65.00	$ 6.73	$ 10.90	$ 17.63	$ 691.07
362			2" Dia Medical Vacuum Pipe	LF	117	10%	129	0.143	$ 65.00	$ 9.26	$ 22.00	$ 31.26	$ 4,039.99
			MEDICAL VACUUM PIPE FITTINGS										
			ELBOW										
363			3/4" Dia Medical Vacuum Pipe 90 Deg Elbow	EA	38	0%	38	0.316	$ 65.00	$ 20.52	$ 5.40	$ 25.92	$ 985.10
364			1" Dia Medical Vacuum Pipe 90 Deg Elbow	EA	6	0%	6	0.375	$ 65.00	$ 24.38	$ 13.45	$ 37.83	$ 226.95

DETAILED BREAKDOWN OF ITEMS

Prepared for: Baptist Health South Florida Miami Neuroscience Institute & North Tower 8900 N. Kendall DR. Miami, FL 33176
Project ID: 3052026
Scope: Plumbing

USA ESTIMATORS
+1 (214) 556-2605

Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
365			1-1/4" Dia Medical Vacuum Pipe 90 Deg Elbow	EA	3	0%	3	0.400	$ 65.00	$ 25.98	$ 19.95	$ 45.93	$ 137.80
366			2" Dia Medical Vacuum Pipe 90 Deg Elbow	EA	4	0%	4	0.545	$ 65.00	$ 35.44	$ 56.50	$ 91.94	$ 367.77
			TEE										
367			3/4" Dia Medical Vacuum Pipe Tee	EA	2	0%	2	0.500	$ 65.00	$ 32.52	$ 14.25	$ 46.77	$ 93.53
368			1" Dia Medical Vacuum Pipe Tee	EA	1	0%	1	0.600	$ 65.00	$ 39.00	$ 26.00	$ 65.00	$ 65.00
369			1" / 3/4" Dia Medical Vacuum Pipe Tee	EA	3	0%	3	0.600	$ 65.00	$ 39.00	$ 26.00	$ 65.00	$ 195.00
370			1-1/4" / 3/4" Dia Medical Vacuum Pipe Tee	EA	1	0%	1	0.667	$ 65.00	$ 43.34	$ 41.50	$ 84.84	$ 84.84
371			1-1/4" / 1" Dia Medical Vacuum Pipe Tee	EA	1	0%	1	0.667	$ 65.00	$ 43.34	$ 41.50	$ 84.84	$ 84.84
372			2" / 3/4" Dia Medical Vacuum Pipe Tee	EA	2	0%	2	0.857	$ 65.00	$ 55.72	$ 100.00	$ 155.72	$ 311.44
373			2" / 1-1/4" Dia Medical Vacuum Pipe Tee	EA	1	0%	1	0.857	$ 65.00	$ 55.72	$ 100.00	$ 155.72	$ 155.72
			REDUCER										
374			1" / 3/4" Dia Medical Vacuum Pipe Reducer	EA	3	0%	3	0.600	$ 65.00	$ 39.00	$ 34.00	$ 73.00	$ 219.00
375			1-1/4" / 1" Dia Medical Vacuum Pipe Reducer	EA	1	0%	1	0.667	$ 65.00	$ 43.34	$ 57.00	$ 100.34	$ 100.34
			MEDICAL COMPRESSED AIR PIPE (ABOVE GRADE)										
		Assumed	**Type "L" Copper Tubing With Propress Fittings**										
376			1/2" Dia Medical Compressed Air Pipe	LF	323	10%	355	0.074	$ 65.00	$ 4.83	$ 3.69	$ 8.52	$ 3,023.95
377			3/4" Dia Medical Compressed Air Pipe	LF	184	10%	202	0.079	$ 65.00	$ 5.12	$ 5.40	$ 10.52	$ 2,126.22
378			1-1/2" Dia Medical Compressed Air Pipe	LF	117	10%	128	0.116	$ 65.00	$ 7.51	$ 13.75	$ 21.26	$ 2,729.99
			MEDICAL COMPRESSED AIR PIPE FITTINGS										
			ELBOW										
379			1/2" Dia Medical Compressed Air Pipe 90 Deg Elbow	EA	43	0%	43	0.300	$ 65.00	$ 19.50	$ 2.49	$ 21.99	$ 945.57
380			3/4" Dia Medical Compressed Air Pipe 90 Deg Elbow	EA	11	0%	11	0.316	$ 65.00	$ 20.52	$ 5.40	$ 25.92	$ 285.16
381			1-1/2" Dia Medical Compressed Air Pipe 90 Deg Elbow	EA	4	0%	4	0.461	$ 65.00	$ 29.98	$ 31.00	$ 60.98	$ 243.93
			TEE										
382			3/4" Dia Medical Compressed Air Pipe Tee	EA	2	0%	2	0.500	$ 65.00	$ 32.52	$ 14.25	$ 46.77	$ 93.53
383			3/4" / 1/2" Dia Medical Compressed Air Pipe Tee	EA	4	0%	4	0.500	$ 65.00	$ 32.52	$ 14.25	$ 46.77	$ 187.07
384			1-1/2" / 1/2" Dia Medical Compressed Air Pipe Tee	EA	2	0%	2	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 223.50
385			1-1/2" / 3/4" Dia Medical Compressed Air Pipe Tee	EA	1	0%	1	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 111.75
			REDUCER										
386			3/4" / 1/2" Dia Medical Compressed Air Pipe Reducer	EA	4	0%	4	0.500	$ 65.00	$ 32.52	$ 20.00	$ 52.52	$ 210.07
387			1-1/2" / 3/4" Dia Medical Compressed Air Pipe Reducer	EA	1	0%	1	0.750	$ 65.00	$ 48.75	$ 86.00	$ 134.75	$ 134.75
			OXYGEN PIPE (ABOVE GRADE)										
		Assumed	**Type "L" Copper Tubing With Propress Fittings**										
388			1/2" Dia Oxygen Pipe	LF	326	10%	359	0.074	$ 65.00	$ 4.83	$ 3.69	$ 8.52	$ 3,055.24
389			3/4" Dia Oxygen Pipe	LF	182	10%	200	0.079	$ 65.00	$ 5.12	$ 5.40	$ 10.52	$ 2,106.55
390			1-1/2" Dia Oxygen Pipe	LF	117	10%	129	0.116	$ 65.00	$ 7.51	$ 13.75	$ 21.26	$ 2,744.73
			OXYGEN PIPE FITTINGS										
			ELBOW										
391			1/2" Dia Oxygen Pipe 90 Deg Elbow	EA	44	0%	44	0.300	$ 65.00	$ 19.50	$ 2.49	$ 21.99	$ 967.56
392			3/4" Dia Oxygen Pipe 90 Deg Elbow	EA	11	0%	11	0.316	$ 65.00	$ 20.52	$ 5.40	$ 25.92	$ 285.16
393			1-1/2" Dia Oxygen Pipe 90 Deg Elbow	EA	4	0%	4	0.461	$ 65.00	$ 29.98	$ 31.00	$ 60.98	$ 243.93
			TEE										
394			3/4" Dia Oxygen Pipe Tee	EA	2	0%	2	0.500	$ 65.00	$ 32.52	$ 14.25	$ 46.77	$ 93.53
395			3/4" / 1/2" Dia Oxygen Pipe Tee	EA	4	0%	4	0.500	$ 65.00	$ 32.52	$ 14.25	$ 46.77	$ 187.07
396			1-1/2" / 1/2" Dia Oxygen Pipe Tee	EA	2	0%	2	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 223.50
397			1-1/2" / 3/4" Dia Oxygen Pipe Tee	EA	1	0%	1	0.750	$ 65.00	$ 48.75	$ 63.00	$ 111.75	$ 111.75
			REDUCER										
398			3/4" / 1/2" Dia Oxygen Pipe Reducer	EA	3	0%	3	0.500	$ 65.00	$ 32.52	$ 20.00	$ 52.52	$ 157.55
399			1-1/2" / 3/4" Dia Oxygen Pipe Reducer	EA	1	0%	1	0.750	$ 65.00	$ 48.75	$ 86.00	$ 134.75	$ 134.75
			WASTE ANESTETIC DISPOSAL PIPE (ABOVE GRADE)										
		Assumed	**Type "L" Copper Tubing With Propress Fittings**										
400			3/4" Dia Waste Anesthetic Gas Disposal Pipe	LF	24	10%	26	0.079	$ 65.00	$ 5.12	$ 5.40	$ 10.52	$ 272.84
			HEAT TRACE CABLE SYSTEM										
			Heat Trace Cable With 2" Thick Cellular Glass Insulation										
401			HT-1.1: Heat Trace Cable, NVENT RAYCHEM XL-TRACE EDGE 5XLE2-CT,	LF	542	10%	596	0.18	$ 65.00	$ 11.70	$ 3.08	$ 14.78	$ 8,806.63
			Accessories										
402			HTCP-1: Heat Trace Control Panel, C910-485	EA	1	0%	1	6.00	$ 65.00	$ 390.00	$ 2,150.00	$ 2,540.00	$ 2,540.00
402			Heat Trace System Controller	EA	2	0%	2	2.85	$ 65.00	$ 185.25	$ 1,785.00	$ 1,970.25	$ 3,940.50
			PLUMBING FIXTURES										
403			WC-1: Water Closet, AMERICAN STANDARD #MADERA 3461.001, (Floor Mo	EA	25	0%	25	3.50	$ 65.00	$ 227.50	$ 783.47	$ 1,010.97	$ 25,274.25
404			WC-2: Water Closet, AMERICAN STANDARD #MADERA 3461.001, (Floor Mo	EA	20	0%	20	4.00	$ 65.00	$ 260.00	$ 1,340.46	$ 1,600.46	$ 32,009.20
405			WC-3: Water Closet, AMERICAN STANDARD #MADERA 2234.001, (Floor Mo	EA	6	0%	6	4.00	$ 65.00	$ 260.00	$ 1,341.38	$ 1,601.38	$ 9,608.28
406			U-1: Urinal, AMERICAN STANDARD #DECORUM 6042.001EC, Wall Hung, 0.	EA	1	0%	1	3.50	$ 65.00	$ 227.50	$ 1,025.87	$ 1,253.37	$ 1,253.37
407			U-2: Urinal, AMERICAN STANDARD #DECORUM 6042.001EC, (Wall Hung - (	EA	1	0%	1	3.50	$ 65.00	$ 227.50	$ 1,025.87	$ 1,253.37	$ 1,253.37
408			L-1: Lavatory, Basin: AMERICAN STANDARD #LUCERNE 0356.015, (Wall-Hu	EA	38	0%	38	4.50	$ 65.00	$ 292.50	$ 1,450.37	$ 1,742.87	$ 66,229.06
409			L-2: Lavatory, Basin: KOHLER #K-2330, (Undermount - Ada - Single Hole Senso	EA	12	0%	12	4.00	$ 65.00	$ 260.00	$ 2,093.82	$ 2,353.82	$ 28,245.84
410			L-3: Lavatory, Basin: AMERICAN STANDARD #LUCERNE 0356.137, (Wall-Hu	EA	14	0%	14	4.50	$ 65.00	$ 292.50	$ 1,770.25	$ 2,062.75	$ 28,878.50
411			S-1: Sink, Bowl: CORIAN #8254 (Coordinate Finish With GC / Arch), (Undermou	EA	250	0%	250	3.50	$ 65.00	$ 227.50	$ 1,158.50	$ 1,386.00	$ 346,500.00
412			S-2: Sink, Bowl: ELKAY #LRAD191865-3, (Counter-Mount - Ada - Wrist Blades	EA	1	0%	1	3.00	$ 65.00	$ 195.00	$ 1,217.96	$ 1,412.96	$ 1,412.96
413			S-3: Sink (Integral - ADA - Wrist Blades Handles - Manual Gooseneck Faucet -	EA	3	0%	3	3.00	$ 65.00	$ 195.00	$ 983.51	$ 1,178.51	$ 3,535.53
414			EWC-1: Electric Water Cooler, ELKAY LZWS-LRPBM28K, (Wall Mounted - Du	EA	8	0%	8	12.00	$ 65.00	$ 780.00	$ 10,974.00	$ 11,754.00	$ 94,032.00
415			MS-1: Mop Sink, STERN-WILLIAMS #SBC-1702-BP, (Floor Mount) Precast Ter	EA	7	0%	7	3.50	$ 65.00	$ 227.50	$ 1,222.98	$ 1,450.48	$ 10,153.36
416			SH-1: Shower - Trim & Drain (Fixed W/ Hand Shower - Ada - Asse 1016 & Asse	EA	1	0%	1	6.00	$ 65.00	$ 390.00	$ 2,505.45	$ 2,895.45	$ 2,895.45
417			BF-1: Bottle Filling Station, ELKAY LZWSM8K, (Wall Mounted - Remote Chille	EA	1	0%	1	8.00	$ 65.00	$ 520.00	$ 5,392.65	$ 5,912.65	$ 5,912.65
418			Dishwasher (Tag not given)	EA	1	0%	1	3.50	$ 65.00	$ 227.50	$ 1,549.00	$ 1,776.50	$ 1,776.50
419			1" Dia RH-1: Roof Hydrant, Freeze Proof - Anti-Siphon, Bronze Casing, Vacuum E	EA	1	0%	1	3.00	$ 65.00	$ 195.00	$ 994.94	$ 1,189.94	$ 1,189.94
420			3/4" Dia WH-1: Wall Hydrant (Loose Key Handle - Enclosed - Freeze Proof) Freez	EA	8	0%	8	2.25	$ 65.00	$ 146.25	$ 345.60	$ 491.85	$ 3,934.80
421			3/4" Dia HB-1: Hose Bibb (Wheel Handle - Chrome) Exposed Brass Hose Bibb, Cl	EA	1	0%	1	1.00	$ 65.00	$ 65.00	$ 80.14	$ 145.14	$ 145.14
422			3/4" Dia HB-2: Hose Bibb (Schedule not given)	EA	1	0%	1	1.00	$ 65.00	$ 65.00	$ 80.14	$ 145.14	$ 145.14
423			1/2" Dia OB-1: Outlet Box, SIOUX CHIEF 696-RG1011F, Fire-Rated Abs, Recess	EA	24	0%	24	1.10	$ 65.00	$ 71.50	$ 97.64	$ 169.14	$ 4,059.36
424			1/2" Dia OB-3: Outlet Box, GUY GRAY SSDB1, (Drain Box) Provide Recessed S	EA	9	0%	9	2.00	$ 65.00	$ 130.00	$ 700.70	$ 830.70	$ 7,476.30
			WATER HEATER										
425			TWH-1: Tankless Water Heater, LAARS LCTEN-063-S-D, Domestic Recovery Fl	EA	1	0%	1	4.00	$ 65.00	$ 260.00	$ 8,021.29	$ 8,281.29	$ 8,281.29
426			TWH-2: Tankless Water Heater, LAARS LCTEN-063-S-D, Domestic Recovery Fl	EA	1	0%	1	4.00	$ 65.00	$ 260.00	$ 8,021.29	$ 8,281.29	$ 8,281.29
			WATER HEATER DETAIL										
427			2" Dia Shutoff Valve	EA	5	0%	5	0.60	$ 65.00	$ 39.00	$ 110.45	$ 149.45	$ 747.25
428			2" Dia Check Valve	EA	3	0%	3	0.85	$ 65.00	$ 55.25	$ 198.68	$ 253.93	$ 761.79
429			2" Dia Union	EA	3	0%	3	0.41	$ 65.00	$ 26.72	$ 88.29	$ 115.01	$ 345.02
430			2" Dia Calibrated Balancing Valve	EA	8	0%	8	2.00	$ 65.00	$ 130.00	$ 654.73	$ 784.73	$ 6,277.84
431			2" Dia Vacuum Relief Valve	EA	1	0%	1	0.90	$ 65.00	$ 58.50	$ 289.44	$ 347.94	$ 347.94
432			3" Thick Concrete Housekeeping Pad (Thickness assumed)	EA	2	0%	2	2.85	$ 65.00	$ 185.25	$ 267.31	$ 452.56	$ 905.12
433			3/4" Dia Temperature And Pressure Relief Valve	EA	1	0%	1	0.41	$ 65.00	$ 26.72	$ 67.82	$ 94.54	$ 94.54
434			Aquastat	EA	2	0%	2	0.69	$ 65.00	$ 44.53	$ 190.56	$ 235.09	$ 470.17
435			Pressure Gauge	EA	2	0%	2	0.50	$ 65.00	$ 32.50	$ 54.63	$ 87.13	$ 174.26
436			Temperature Gauge	EA	8	0%	8	0.50	$ 65.00	$ 32.50	$ 54.63	$ 87.13	$ 697.04
			PUMP										
437			6" Dia BP-1: Booster Pump, GRUNDFOS HYDRO MPC-E 3CRE 45-2-2, (Triplex	EA	1	0%	1	50.75	$ 65.00	$ 3,298.75	$ 80,068.95	$ 83,367.70	$ 83,367.70
438			2" Dia RP-1: Recirculating Pump, GRUNDFOS MODEL: MAGNA3 32-120 F, (D	EA	1	0%	1	3.50	$ 65.00	$ 227.50	$ 1,943.00	$ 2,170.50	$ 2,170.50
439			2" Dia RP-2: Recirculating Pump, GRUNDFOS MODEL: MAGNA3 32-120 F, (D	EA	1	0%	1	3.50	$ 65.00	$ 227.50	$ 1,943.00	$ 2,170.50	$ 2,170.50
440			2" Dia RP-3: Recirculating Pump, GRUNDFOS MODEL: MAGNA3 32-100 F, (S	EA	1	0%	1	3.50	$ 65.00	$ 227.50	$ 1,453.95	$ 1,681.45	$ 1,681.45
441			2" Dia RP-4: Recirculating Pump, GRUNDFOS MODEL: MAGNA3 32-100 F, (S	EA	1	0%	1	3.50	$ 65.00	$ 227.50	$ 1,453.95	$ 1,681.45	$ 1,681.45
442			3" Dia ESP-1: Elevator Sump Pump, ZOELLER MODEL: G4294, (Simplex) Capa	EA	3	0%	3	4.80	$ 65.00	$ 312.00	$ 2,127.56	$ 2,439.56	$ 7,318.68
			RECIRCULATION PUMP DETAIL										
443			2" Dia Gate Valve	EA	8	0%	8	1.10	$ 65.00	$ 71.50	$ 179.00	$ 250.50	$ 2,003.99
444			2" Dia Check Valve	EA	4	0%	4	0.85	$ 65.00	$ 55.25	$ 198.68	$ 253.93	$ 1,015.72
445			2" Dia Union Valve	EA	8	0%	8	0.41	$ 65.00	$ 26.72	$ 88.29	$ 115.01	$ 920.04
446			2" Dia Gauge Cock	EA	4	0%	4	0.58	$ 65.00	$ 37.70	$ 50.52	$ 88.22	$ 352.88
447			Aquastat	EA	4	0%	4	0.69	$ 65.00	$ 44.53	$ 190.56	$ 235.09	$ 940.34
448			Temperature Gauge	EA	4	0%	4	0.50	$ 65.00	$ 32.50	$ 54.63	$ 87.13	$ 348.52
			MISCELLANEOUS										

DETAILED BREAKDOWN OF ITEMS

Prepared for: Baptist Health South Florida Miami Neuroscience Institute & North Tower 8900 N. Kendall DR. Miami, FL 33176
Project ID: 3052026
Scope: Plumbing

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Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
449			ST-1: Domestic Hot Water Storage Tank, AERCO DOMESTIC WATER STORAG	EA	1	0%	1	22.50	$ 65.00	$ 1,462.50	$ 11,240.00	$ 12,702.50	$ 12,702.50
450			PET-1: Plumbing Expansion Tank, AMTROL THERM-X-TROL ST-20VC-DD, V	EA	1	0%	1	3.50	$ 65.00	$ 227.50	$ 2,629.90	$ 2,857.40	$ 2,857.40
451			DHX-1: Domestic Hot Water Heat Exchanger, AERCO SMARTPLATE SPDW-E'	EA	1	0%	1	12.75	$ 65.00	$ 828.75	$ 6,125.00	$ 6,953.75	$ 6,953.75
452			DHX-2: Domestic Hot Water Heat Exchanger, AERCO MODEL: SMARTPLATE	EA	1	0%	1	12.75	$ 65.00	$ 828.75	$ 6,125.00	$ 6,953.75	$ 6,953.75
453			DHX-3: Domestic Hot Water Heat Exchanger, AERCO MODEL: SMARTPLATE	EA	1	0%	1	12.00	$ 65.00	$ 780.00	$ 5,980.00	$ 6,760.00	$ 6,760.00
454			WS-1: Water Softener System, NALCO ULTRASOFT LI-SERIES DUPLEX #011	EA	1	0%	1	30.00	$ 65.00	$ 1,950.00	$ 18,840.00	$ 20,790.00	$ 20,790.00
455			HTCP-1.2: Heat Trace Cable System, NVENT RAYCHEM HEAT TRACE SYSTE	EA	1	0%	1	7.75	$ 65.00	$ 503.75	$ 3,450.00	$ 3,953.75	$ 3,953.75
456			HTCP-1.3: Heat Trace Cable System, NVENT RAYCHEM HEAT TRACE SYSTE	EA	1	0%	1	7.75	$ 65.00	$ 503.75	$ 3,450.00	$ 3,953.75	$ 3,953.75
457			HTCP-1.4: Heat Trace Cable System, NVENT RAYCHEM HEAT TRACE SYSTE	EA	1	0%	1	7.75	$ 65.00	$ 503.75	$ 3,450.00	$ 3,953.75	$ 3,953.75
458			4" Dia VTR: Vent Through Roof	EA	8	0%	8	2.18	$ 65.00	$ 141.70	$ 220.00	$ 361.70	$ 2,893.60
459			3/4" Dia Capped For Future	EA	1	0%	1	0.10	$ 65.00	$ 6.50	$ 1.48	$ 7.98	$ 7.98
460			1-1/4" Dia Capped For Future	EA	2	0%	2	0.12	$ 65.00	$ 7.80	$ 3.46	$ 11.26	$ 22.52
461			12"x12" Access Panel (Size assumed)	EA	547	0%	547	0.65	$ 65.00	$ 42.25	$ 28.00	$ 70.25	$ 38,426.75
462			Trap Primer: PRECISION PLUMBING PRODUCTS	EA	5	0%	5	1.00	$ 65.00	$ 65.00	$ 125.62	$ 190.62	$ 953.10
463			2" Dia Sleeve	EA	7	0%	7						
464			2-1/2" Dia Sleeve	EA	24	0%	24						
465			3" Dia Sleeve	EA	37	0%	37						
466			4" Dia Sleeve	EA	81	0%	81						
467			5" Dia Sleeve	EA	50	0%	50						
			CLEANOUTS & DRAINS										
468			3" Dia CO, Cleanout, ZURN Z-1440, (Line) Dura-Coated Cast Iron Ferrule And Ca	EA	5	0%	5	1.20	$ 65.00	$ 78.00	$ 389.20	$ 467.20	$ 2,336.00
469			4" Dia CO, Cleanout, ZURN Z-1440, (Line) Dura-Coated Cast Iron Ferrule And Ca	EA	1	0%	1	1.80	$ 65.00	$ 117.00	$ 425.00	$ 542.00	$ 542.00
470			8" Dia CO, Cleanout, ZURN Z-1440, (Line) Dura-Coated Cast Iron Ferrule And Ca	EA	1	0%	1	2.30	$ 65.00	$ 149.50	$ 619.00	$ 768.50	$ 768.50
471			3" Dia WCO: Wall Cleanout, ZURN Z-1445, (Square) Dura-Coated Cast Iron Body	EA	3	0%	3	0.98	$ 65.00	$ 63.70	$ 155.89	$ 219.59	$ 658.77
472			4" Dia WCO: Wall Cleanout, ZURN Z-1445, (Square) Dura-Coated Cast Iron Body	EA	22	0%	22	1.20	$ 65.00	$ 78.00	$ 225.00	$ 303.00	$ 6,666.00
473			4" Dia GCO: Grade Cleanout: ZURN Z-1406	EA	18	0%	18	3.85	$ 65.00	$ 250.25	$ 1,476.41	$ 1,726.66	$ 31,079.88
474			3" Dia FS-1: Floor Sink, ZURN Z1920-KC-2-11, 12" X 12" X 7" Deep Bottom Out	EA	1	0%	1	3.15	$ 65.00	$ 204.75	$ 1,149.00	$ 1,353.75	$ 1,353.75
475			4" Dia FS-1: Floor Sink, ZURN Z1920-KC-2-11, 12" X 12" X 7" Deep Bottom Out	EA	1	0%	1	3.15	$ 65.00	$ 204.75	$ 1,149.00	$ 1,353.75	$ 1,353.75
476			3" Dia FD-1: Floor Drain, ZURN ZN415S-P-VP, Coated Cast Iron, Bottom Outlet	EA	5	0%	5	1.32	$ 65.00	$ 85.80	$ 456.99	$ 542.79	$ 2,713.95
477			4" Dia FD-2: Floor Drain, ZURN ZN415S-VP, Coated Cast Iron, Bottom Outlet Flo	EA	8	0%	8	1.48	$ 65.00	$ 96.20	$ 489.00	$ 585.20	$ 4,681.60
478			3" Dia FD-3: Floor Drain, ZURN ZN415E-V, Coated Cast Iron, Bottom Outlet Flo	EA	7	0%	7	1.32	$ 65.00	$ 85.80	$ 456.99	$ 542.79	$ 3,799.53
479			3" Dia FD: Floor Drain (Schedule not given)	EA	15	0%	15	1.19	$ 65.00	$ 77.35	$ 225.00	$ 302.35	$ 4,535.25
480			4" Dia FD-4: Floor Drain (Schedule not given)	EA	2	0%	2	1.45	$ 65.00	$ 94.25	$ 269.00	$ 363.25	$ 726.50
481			3" Dia OD-1: Overflow Roof Drain, ZURN ZC-100-ERC, (Bottom Outlet - Second	EA	4	0%	4	2.15	$ 65.00	$ 139.75	$ 349.99	$ 489.74	$ 1,958.96
482			4" Dia OD-1: Overflow Roof Drain, ZURN ZC-100-ERC, (Bottom Outlet - Second	EA	20	0%	20	2.45	$ 65.00	$ 159.25	$ 425.12	$ 584.37	$ 11,687.40
483			6" Dia OD-1: Overflow Roof Drain, ZURN ZC-100-ERC, (Bottom Outlet - Second	EA	1	0%	1	2.85	$ 65.00	$ 185.25	$ 515.23	$ 700.48	$ 700.48
484			3" Dia RD-1: Roof Drain, ZURN ZC-100-ERC, (Primary) Main Roof Drain, Coate	EA	4	0%	4	2.15	$ 65.00	$ 139.75	$ 349.99	$ 489.74	$ 1,958.96
485			4" Dia RD-1: Roof Drain, ZURN ZC-100-ERC, (Primary) Main Roof Drain, Coate	EA	20	0%	20	2.45	$ 65.00	$ 159.25	$ 425.12	$ 584.37	$ 11,687.40
486			6" Dia RD-1: Roof Drain, ZURN ZC-100-ERC, (Primary) Main Roof Drain, Coate	EA	1	0%	1	2.85	$ 65.00	$ 185.25	$ 515.23	$ 700.48	$ 700.48
487			4" Dia RD-2: Roof Drain, JOSAM #24700, (Side Outlet - Primary) Parapet Type R	EA	2	0%	2	1.85	$ 65.00	$ 120.25	$ 300.42	$ 420.67	$ 841.34
488			6" Dia RD-2: Roof Drain, JOSAM #24700, (Side Outlet - Primary) Parapet Type R	EA	3	0%	3	2.28	$ 65.00	$ 148.20	$ 378.54	$ 526.74	$ 1,580.22
489			6" Dia DS-1 Downspout Nozzle, ZURN Z-199-DC-VP, Down Spout Cover Shall E	EA	1	0%	1	2.90	$ 65.00	$ 188.50	$ 689.99	$ 878.49	$ 878.49
490			8" Dia DS-1 Downspout Nozzle, ZURN Z-199-DC-VP, Down Spout Cover Shall E	EA	2	0%	2	3.15	$ 65.00	$ 204.75	$ 1,005.99	$ 1,210.74	$ 2,421.48
491			10" Dia DS-1 Downspout Nozzle, ZURN Z-199-DC-VP, Down Spout Cover Shall	EA	2	0%	2	3.85	$ 65.00	$ 250.25	$ 1,312.99	$ 1,563.24	$ 3,126.48
			SHOCK ABSORBERS										
492			3/4" Dia SA-A: Shock Absorber, PRECISION PLUMBING PRODUCTS SC-500A	EA	1	0%	1	0.40	$ 65.00	$ 26.00	$ 54.75	$ 80.75	$ 80.75
493	**For Water Closet**		1-1/4" Dia SA-B: Shock Absorber, PRECISION PLUMBING PRODUCTS SC-75(	EA	29	0%	29	0.50	$ 65.00	$ 32.50	$ 78.50	$ 111.00	$ 3,219.00
494			2" Dia SA-C: Shock Absorber, PRECISION PLUMBING PRODUCTS SC-1000C,	EA	2	0%	2	0.65	$ 65.00	$ 42.25	$ 127.25	$ 169.50	$ 339.00
495	**For Water Closet**		1-1/4" Dia Shock Absorber (Tag not given)	EA	22	0%	22	0.50	$ 65.00	$ 32.50	$ 78.50	$ 111.00	$ 2,442.00
			WATER HAMMER ARRESTORS (EACH FIXTURE)										
496			1/2" Dia Water Hammer Arrestor	EA	689	0%	689	0.28	$ 65.00	$ 18.20	$ 18.80	$ 37.00	$ 25,493.00
497			3/4" Dia Water Hammer Arrestor	EA	15	0%	15	0.30	$ 65.00	$ 19.50	$ 23.95	$ 43.45	$ 651.75
498			1" Dia Water Hammer Arrestor	EA	2	0%	2	0.35	$ 65.00	$ 22.75	$ 34.20	$ 56.95	$ 113.90
			VALVES										
499			1/2" Dia Ball Valve (For Each fixture)	EA	689	0%	689	0.32	$ 65.00	$ 20.80	$ 35.79	$ 56.59	$ 38,990.51
500			3/4" Dia Ball Valve (For Each fixture)	EA	15	0%	15	0.40	$ 65.00	$ 26.00	$ 52.82	$ 78.82	$ 1,182.30
501			1" Dia Ball Valve (For Each fixture)	EA	2	0%	2	0.58	$ 65.00	$ 37.70	$ 80.90	$ 118.60	$ 237.20
502			1-1/4" Dia Ball Valve (For Each fixture)	EA	51	0%	51	0.80	$ 65.00	$ 52.00	$ 125.60	$ 177.60	$ 9,057.60
503			2" Dia AAV: Air Admittance Valve	EA	1	0%	1	0.85	$ 65.00	$ 55.25	$ 38.51	$ 93.76	$ 93.76
504			3" Dia Backwater Valve: ZURN Z-1090	EA	2	0%	2	3.75	$ 65.00	$ 243.75	$ 421.99	$ 665.74	$ 1,331.48
505			1/2" Dia Ball Valve	EA	28	0%	28	0.32	$ 65.00	$ 20.80	$ 35.79	$ 56.59	$ 1,584.52
506			3/4" Dia Ball Valve	EA	55	0%	55	0.40	$ 65.00	$ 26.00	$ 52.82	$ 78.82	$ 4,335.10
507			1" Dia Ball Valve	EA	11	0%	11	0.58	$ 65.00	$ 37.70	$ 80.90	$ 118.60	$ 1,304.60
508			1-1/4" Dia Ball Valve	EA	5	0%	5	0.80	$ 65.00	$ 52.00	$ 125.60	$ 177.60	$ 888.00
509			1-1/2" Dia Ball Valve	EA	37	0%	37	1.10	$ 65.00	$ 71.50	$ 178.30	$ 249.80	$ 9,242.60
510			2" Dia Ball Valve	EA	15	0%	15	1.46	$ 65.00	$ 94.90	$ 263.46	$ 358.36	$ 5,375.40
511			3/4" Dia Check Valve	EA	55	0%	55	0.35	$ 65.00	$ 22.75	$ 23.37	$ 46.12	$ 2,536.60
512			2" Dia Check Valve	EA	3	0%	3	0.85	$ 65.00	$ 55.25	$ 198.68	$ 253.93	$ 761.79
513			4" Dia Check Valve	EA	1	0%	1	2.85	$ 65.00	$ 185.25	$ 283.02	$ 468.27	$ 468.27
514			2-1/2" Dia Full Port Butterfly Valve With Service Access	EA	2	0%	2	2.50	$ 65.00	$ 162.50	$ 512.50	$ 675.00	$ 1,350.00
515			4" Dia Full Port Butterfly Valve With Service Access	EA	4	0%	4	3.00	$ 65.00	$ 195.00	$ 642.75	$ 837.75	$ 3,351.00
516			6" Dia Full Port Butterfly Valve With Service Access	EA	1	0%	1	3.60	$ 65.00	$ 234.00	$ 1,128.80	$ 1,362.80	$ 1,362.80
517			3/4" Dia Thermostatic Balancing Valve (Tag not given)	EA	3	0%	3	1.50	$ 65.00	$ 97.50	$ 199.60	$ 297.10	$ 891.30
518			1/2" Dia SV-1: Venturi Flow Splitter Valve With Service Access (Schedule not giv	EA	2	0%	2	1.30	$ 65.00	$ 84.50	$ 225.40	$ 309.90	$ 619.80
519			3/4" Dia SV-1: Venturi Flow Splitter Valve With Service Access (Schedule not giv	EA	3	0%	3	1.40	$ 65.00	$ 91.00	$ 248.70	$ 339.70	$ 1,019.10
520			1" Dia SV-1: Venturi Flow Splitter Valve With Service Access (Schedule not give	EA	4	0%	4	1.50	$ 65.00	$ 97.50	$ 276.85	$ 374.35	$ 1,497.40
521			2" Dia DMV-1: Digital Mixing Valve, LEONARD NUCLEUS PROTON PNV-200	EA	1	0%	1	15.00	$ 65.00	$ 975.00	$ 10,959.07	$ 11,934.07	$ 11,934.07
522			2" Dia DMV-2: Digital Mixing Valve, LEONARD NUCLEUS PROTON PNV-200	EA	1	0%	1	15.00	$ 65.00	$ 975.00	$ 10,959.07	$ 11,934.07	$ 11,934.07
523			3/4" Dia BV-1: Thermostatic Balancing Valve, CALEFFI THERMOSETTER #116	EA	62	0%	62	1.85	$ 65.00	$ 120.25	$ 234.34	$ 354.59	$ 21,984.58
524			2" Dia BV-2: Manual Balancing Valve, CALEFFI FLOW-SET #130900A, (Set To	EA	1	0%	1	2.00	$ 65.00	$ 130.00	$ 315.00	$ 445.00	$ 445.00
525			1" Dia BFP-1: Backflow Preventer (Schedule not given)	EA	1	0%	1	3.85	$ 65.00	$ 250.25	$ 665.94	$ 916.19	$ 916.19
526			1" Dia BFP: Backflow Preventer (Schedule not given)	EA	1	0%	1	3.85	$ 65.00	$ 250.25	$ 665.94	$ 916.19	$ 916.19
			MEDICAL PIPING ACCESSORIES										
527			1/2" Dia Gas Shutoff Valve	EA	4	0%	4	0.38	$ 65.00	$ 24.70	$ 31.22	$ 55.92	$ 223.68
528			3/4" Dia Gas Shutoff Valve	EA	6	0%	6	0.45	$ 65.00	$ 29.25	$ 40.44	$ 69.69	$ 418.14
529			1" Dia Gas Shutoff Valve	EA	1	0%	1	0.53	$ 65.00	$ 34.45	$ 63.02	$ 97.47	$ 97.47
530			1-1/4" Dia Gas Shutoff Valve	EA	1	0%	1	0.65	$ 65.00	$ 42.25	$ 88.27	$ 130.52	$ 130.52
531			AAP-1	EA	1	0%	1	1.00	$ 65.00	$ 65.00	$ 100.00	$ 165.00	$ 165.00
532			AVB-1	EA	3	0%	3	1.00	$ 65.00	$ 65.00	$ 100.00	$ 165.00	$ 495.00
533			MGO-1	EA	8	0%	8	1.00	$ 65.00	$ 65.00	$ 100.00	$ 165.00	$ 1,320.00
534			MGO-2	EA	2	0%	2	1.00	$ 65.00	$ 65.00	$ 100.00	$ 165.00	$ 330.00
535			ZVB-1	EA	1	0%	1	1.00	$ 65.00	$ 65.00	$ 100.00	$ 165.00	$ 165.00
			PVC COUPLING										
536			2" Dia	EA	41	0%	41	0.00	$ 65.00	$ -	$ -	$ -	$ -
537			3" Dia	EA	23	0%	23	0.00	$ 65.00	$ -	$ -	$ -	$ -
538			4" Dia	EA	108	0%	108	0.00	$ 65.00	$ -	$ -	$ -	$ -
539			6" Dia	EA	51	0%	51	0.00	$ 65.00	$ -	$ -	$ -	$ -
540			8" Dia	EA	19	0%	19	0.00	$ 65.00	$ -	$ -	$ -	$ -
541			10" Dia	EA	10	0%	10	0.00	$ 65.00	$ -	$ -	$ -	$ -
542			12" Dia	EA	3	0%	3	0.00	$ 65.00	$ -	$ -	$ -	$ -
543			16" Dia	EA	10	0%	10	0.00	$ 65.00	$ -	$ -	$ -	$ -
			NO-HUB COUPLING										
544			2" Dia	EA	3435	0%	3435	0.00	$ 65.00	$ -	$ -	$ -	$ -
545			3" Dia	EA	1055	0%	1055	0.00	$ 65.00	$ -	$ -	$ -	$ -
546			4" Dia	EA	1280	0%	1280	0.00	$ 65.00	$ -	$ -	$ -	$ -
547			6" Dia	EA	325	0%	325	0.00	$ 65.00	$ -	$ -	$ -	$ -
548			8" Dia	EA	43	0%	43	0.00	$ 65.00	$ -	$ -	$ -	$ -
549			10" Dia	EA	12	0%	12	0.00	$ 65.00	$ -	$ -	$ -	$ -
			PIPE SUPPORT										
550			1/2" Dia Adjustable Clevis Hanger	EA	1210	0%	1210	0.00	$ 65.00	$ -	$ -	$ -	$ -
551			3/4" Dia Adjustable Clevis Hanger	EA	1060	0%	1060	0.00	$ 65.00	$ -	$ -	$ -	$ -
552			1" Dia Adjustable Clevis Hanger	EA	492	0%	492	0.00	$ 65.00	$ -	$ -	$ -	$ -
553			1-1/4" Dia Adjustable Clevis Hanger	EA	141	0%	141	0.00	$ 65.00	$ -	$ -	$ -	$ -
554			1-1/2" Dia Adjustable Clevis Hanger	EA	271	0%	271	0.00	$ 65.00	$ -	$ -	$ -	$ -
555			2" Dia Adjustable Clevis Hanger	EA	930	0%	930	0.00	$ 65.00	$ -	$ -	$ -	$ -
556			2-1/2" Dia Adjustable Clevis Hanger	EA	4	0%	4	0.00	$ 65.00	$ -	$ -	$ -	$ -
557			3" Dia Adjustable Clevis Hanger	EA	274	0%	274	0.00	$ 65.00	$ -	$ -	$ -	$ -
558			4" Dia Adjustable Clevis Hanger	EA	317	0%	317	0.00	$ 65.00	$ -	$ -	$ -	$ -
559			6" Dia Adjustable Clevis Hanger	EA	126	0%	126	0.00	$ 65.00	$ -	$ -	$ -	$ -
560			8" Dia Adjustable Clevis Hanger	EA	13	0%	13	0.00	$ 65.00	$ -	$ -	$ -	$ -

DETAILED BREAKDOWN OF ITEMS

Prepared for: Baptist Health South Florida Miami Neuroscience Institute & North Tower 8900 N. Kendall DR. Miami, FL 33176
Project ID: 3052026
Scope: Plumbing

USA ESTIMATORS
+1 (214) 556-2605

Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
561			10" Dia Adjustable Clevis Hanger	EA	4	0%	4	0.00	$ 65.00	$ -	$ -	$ -	$ -
562			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	3174	0%	3174	0.10	$ 65.00	$ 6.50	$ 1.97	$ 8.47	$ 26,883.78
563			1/2" Dia Threaded Rod (1 Ea. = 1 FT)	EA	1525	0%	1525	0.11	$ 65.00	$ 7.15	$ 2.93	$ 10.08	$ 15,372.00
564			5/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	143	0%	143	0.12	$ 65.00	$ 7.80	$ 4.77	$ 12.57	$ 1,797.51
			TRENCHING & BACKFILLING										
565			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	10446	0%	10446	0.04	$ 65.00	$ 2.60	$ -	$ 2.60	$ 27,159.60
												SUBTOTAL	**$ 3,181,021**

PROJECTED COST		**$3,355,821**
OVERHEAD AND PROFIT	**15%**	**$503,373**
INSURANCE	**3%**	**$100,675**
CONTINGENCY	**5%**	**$167,791**
TAX	**7%**	**$148,529**
SUGGESTED BID		**$4,276,188**

Notes:

1. Online sources are used for pricing.
2. Prices can vary depending upon field conditions.

DETAILED BREAKDOWN OF ITEMS

Prepared for: Patient Bed Tower, Baptist Health South Florida, 8900 N. Kendall Dr, Miami FL 33176
Project ID: 3032026
Scope: Plumbing

USA ESTIMATORS
+1 (214) 556-2605

Date: 6-Oct-26

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	$ -	$ -	$ -	$ 40,000.00	$ 40,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 4,500.00	$ 4,500.00
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 35,000.00	$ 35,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 12,500.00	$ 12,500.00
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL	**$ 92,000**
			PLUMBING										
			COLD WATER PIPE (ABOVE GRADE)										
			Type "L" Copper Pipe W/ Propress Fittings										
8			3/4" Dia Cold Water Pipe	LF	48	10%	52	0.079	$ 65.00	$ 5.12	$ 5.40	$ 10.52	$ 550.07
9			4" Dia Cold Water Pipe	LF	469	10%	516	0.308	$ 65.00	$ 19.99	$ 88.00	$ 107.99	$ 55,670.36
10			6" Dia Cold Water Pipe	LF	24	10%	27	0.450	$ 65.00	$ 29.25	$ 228.00	$ 257.25	$ 6,921.57
		Assumed	**1/2" Thick Fiberglass Pipe Insulation**										
11			3/4" Dia Cold Water Pipe	LF	48	10%	52	0.02	$ 65.00	$ 1.30	$ 196.00	$ 197.30	$ 10,317.61
12			4" Dia Cold Water Pipe	LF	469	10%	516	0.03	$ 65.00	$ 1.95	$ 5.73	$ 7.68	$ 3,960.96
		Assumed	**1" Thick Fiberglass Pipe Insulation**										
13			6" Dia Cold Water Pipe	LF	24	10%	27	0.04	$ 65.00	$ 2.60	$ 7.28	$ 9.88	$ 265.83
			COLD WATER PIPE FITTINGS										
			ELBOW										
14			3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	6	0%	6	0.316	$ 65.00	$ 20.52	$ 5.40	$ 25.92	$ 155.54
15			4" Dia Cold Water Pipe 90 Deg Elbow	EA	1	0%	1	1.334	$ 65.00	$ 86.68	$ 320.00	$ 406.68	$ 406.68
			TEE										
16			6" Dia Cold Water Pipe Tee	EA	1	0%	1	3.000	$ 65.00	$ 195.00	$ 2,350.00	$ 2,545.00	$ 2,545.00
17			4" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2	2.400	$ 65.00	$ 156.00	$ 695.00	$ 851.00	$ 1,702.00
18			6" / 4" Dia Cold Water Pipe Tee	EA	1	0%	1	3.000	$ 65.00	$ 195.00	$ 2,350.00	$ 2,545.00	$ 2,545.00
			REDUCER										
19			6" / 4" Dia Cold Water Pipe Reducer	EA	2	0%	2	3.000	$ 65.00	$ 195.00	$ 6,413.00	$ 6,608.00	$ 13,216.00
			WASTE PIPE (BELOW GRADE)										
			SCH 40 PVC Pipe W/ Fittings										
20			4" Dia Waste Pipe	LF	467	10%	514	0.225	$ 65.00	$ 14.61	$ 7.15	$ 21.76	$ 11,190.10
21			6" Dia Waste Pipe	LF	130	10%	143	0.277	$ 65.00	$ 17.99	$ 10.73	$ 28.72	$ 4,109.02
22			8" Dia Waste Pipe	LF	249	10%	274	0.338	$ 65.00	$ 21.94	$ 14.30	$ 36.24	$ 9,933.72
23			12" Dia Waste Pipe	LF	140	10%	154	0.385	$ 65.00	$ 25.05	$ 21.46	$ 46.51	$ 7,169.49
			WASTE PIPE FITTINGS										
			ELBOW										
24			4" Dia Waste Pipe 90 Deg Elbow	EA	15	0%	15	0.659	$ 65.00	$ 42.85	$ 17.10	$ 59.95	$ 899.27
25			4" Dia Waste Pipe 45 Deg Elbow	EA	29	0%	29	0.791	$ 65.00	$ 51.42	$ 22.50	$ 73.92	$ 2,143.72
26			6" Dia Waste Pipe 45 Deg Elbow	EA	4	0%	4	1.297	$ 65.00	$ 84.30	$ 82.50	$ 166.80	$ 667.19
27			8" Dia Waste Pipe 45 Deg Elbow	EA	2	0%	2	2.097	$ 65.00	$ 136.31	$ 198.00	$ 334.31	$ 668.61
28			12" Dia Waste Pipe 45 Deg Elbow	EA	3	0%	3	3.850	$ 65.00	$ 250.25	$ 245.12	$ 495.37	$ 1,486.11
			WYE										
29			4" Dia Waste Pipe Wye	EA	1	0%	1	0.992	$ 65.00	$ 64.45	$ 30.38	$ 94.82	$ 94.82
30			8" Dia Waste Pipe Wye	EA	1	0%	1	2.647	$ 65.00	$ 172.04	$ 267.30	$ 439.34	$ 439.34
31			12" Dia Waste Pipe Wye	EA	1	0%	1	3.850	$ 65.00	$ 250.25	$ 358.12	$ 608.37	$ 608.37
32			6" / 4" Dia Waste Pipe Wye	EA	3	0%	3	1.622	$ 65.00	$ 105.40	$ 111.38	$ 216.77	$ 650.32
33			8" / 4" Dia Waste Pipe Wye	EA	13	0%	13	2.647	$ 65.00	$ 172.04	$ 267.30	$ 439.34	$ 5,711.40
34			12" / 4" Dia Waste Pipe Wye	EA	3	0%	3	3.850	$ 65.00	$ 250.25	$ 358.12	$ 608.37	$ 1,825.11
35			12" / 8" Dia Waste Pipe Wye	EA	1	0%	1	3.850	$ 65.00	$ 250.25	$ 358.12	$ 608.37	$ 608.37
			REDUCER										
36			6" / 4" Dia Waste Pipe Reducer	EA	1	0%	1	0.983	$ 65.00	$ 63.91	$ 25.50	$ 89.41	$ 89.41
37			8" / 4" Dia Waste Pipe Reducer	EA	1	0%	1	1.593	$ 65.00	$ 103.55	$ 95.50	$ 199.05	$ 199.05
38			8" / 6" Dia Waste Pipe Reducer	EA	2	0%	2	1.593	$ 65.00	$ 103.55	$ 95.50	$ 199.05	$ 398.09
39			12" / 4" Dia Waste Pipe Reducer	EA	1	0%	1	2.450	$ 65.00	$ 159.25	$ 175.88	$ 335.13	$ 335.13
40			12" / 8" Dia Waste Pipe Reducer	EA	1	0%	1	2.450	$ 65.00	$ 159.25	$ 175.88	$ 335.13	$ 335.13
			WASTE PIPE (ABOVE GRADE)										
			No-Hub Cast Iron Pipe W/ Fittings										
41			4" Dia Waste Pipe	LF	455	10%	501	0.207	$ 65.00	$ 13.46	$ 26.00	$ 39.46	$ 19,747.23
			WASTE PIPE FITTINGS										
			ELBOW										
42			4" Dia Waste Pipe 90 Deg Elbow	EA	9	10%	10	0.923	$ 65.00	$ 60.01	$ 136.00	$ 196.01	$ 1,940.51
43			4" Dia Waste Pipe 45 Deg Elbow	EA	9	10%	10	1.385	$ 65.00	$ 90.02	$ 154.00	$ 244.02	$ 2,415.77
			WYE										
44			4" Dia Waste Pipe Wye	EA	9	0%	9	1.500	$ 65.00	$ 97.50	$ 118.00	$ 215.50	$ 1,939.50
			REDUCER										
45			4" / 3" Dia Waste Pipe Reducer	EA	8	0%	8	1.450	$ 65.00	$ 94.25	$ 185.44	$ 279.69	$ 2,237.52
			GREASE WASTE PIPE (BELOW GRADE)										
			No-Hub Cast Iron Pipe W/ Fittings										
46			4" Dia Grease Waste Pipe	LF	375	10%	413	0.207	$ 65.00	$ 13.46	$ 26.00	$ 39.46	$ 16,275.19
			GREASE WASTE PIPE FITTINGS										
			ELBOW										
47			4" Dia Grease Waste Pipe 45 Deg Elbow	EA	11	0%	11	1.385	$ 65.00	$ 90.02	$ 154.00	$ 244.02	$ 2,684.19
			WYE										
48			4" Dia Grease Waste Pipe Wye	EA	1	0%	1	1.500	$ 65.00	$ 97.50	$ 118.00	$ 215.50	$ 215.50
			VENT PIPE (ABOVE GRADE)										
			No-Hub Cast Iron Pipe W/ Fittings										
49			3" Dia Vent Pipe	LF	643	10%	707	0.188	$ 65.00	$ 12.19	$ 20.00	$ 32.19	$ 22,750.29
			VENT PIPE FITTINGS										
			ELBOW										
50			3" Dia Vent Pipe 90 Deg Elbow	EA	24	0%	24	0.857	$ 65.00	$ 55.72	$ 92.00	$ 147.72	$ 3,545.31
			TEE										
51			3" Dia Vent Pipe Tee	EA	8	0%	8	1.286	$ 65.00	$ 83.58	$ 98.00	$ 181.58	$ 1,452.66
			REDUCER										
52			4" / 3" Dia Vent Pipe Reducer	EA	8	0%	8	1.152	$ 65.00	$ 74.88	$ 125.55	$ 200.43	$ 1,603.44
			STORM DRAIN PIPE (BELOW GRADE)										
			SCH 40 PVC Pipe W/ Fittings										
53			4" Dia Storm Drain Pipe	LF	30	10%	33	0.225	$ 65.00	$ 14.61	$ 7.15	$ 21.76	$ 718.16
54			6" Dia Storm Drain Pipe	LF	34	10%	38	0.277	$ 65.00	$ 17.99	$ 10.73	$ 28.72	$ 1,083.80
55			8" Dia Storm Drain Pipe	LF	216	10%	237	0.338	$ 65.00	$ 21.94	$ 14.30	$ 36.24	$ 8,600.62
56			10" Dia Storm Drain Pipe	LF	123	10%	136	0.377	$ 65.00	$ 24.48	$ 17.88	$ 42.36	$ 5,745.59
57			12" Dia Storm Drain Pipe	LF	34	10%	38	0.385	$ 65.00	$ 25.05	$ 21.46	$ 46.51	$ 1,760.40
58			14" Dia Storm Drain Pipe	LF	113	10%	124	0.522	$ 65.00	$ 33.96	$ 25.03	$ 58.99	$ 7,307.95
59			36" Dia Storm Drain Pipe	LF	164	10%	181	1.50	$ 65.00	$ 97.50	$ 66.45	$ 163.95	$ 29,663.15
			STORM DRAIN PIPE FITTINGS										
			ELBOW										
60			4" Dia Storm Drain Pipe 90 Deg Elbow	EA	1	0%	1	0.659	$ 65.00	$ 42.85	$ 17.10	$ 59.95	$ 59.95
61			6" Dia Storm Drain Pipe 90 Deg Elbow	EA	2	0%	2	1.081	$ 65.00	$ 70.25	$ 54.50	$ 124.75	$ 249.50
62			8" Dia Storm Drain Pipe 90 Deg Elbow	EA	4	0%	4	1.748	$ 65.00	$ 113.59	$ 140.00	$ 253.59	$ 1,014.35
63			10" Dia Storm Drain Pipe 90 Deg Elbow	EA	1	0%	1	1.850	$ 65.00	$ 120.25	$ 244.56	$ 364.81	$ 364.81
64			4" Dia Storm Drain Pipe 45 Deg Elbow	EA	8	0%	8	0.791	$ 65.00	$ 51.42	$ 22.50	$ 73.92	$ 591.37
65			6" Dia Storm Drain Pipe 45 Deg Elbow	EA	2	0%	2	1.297	$ 65.00	$ 84.30	$ 82.50	$ 166.80	$ 333.60
66			8" Dia Storm Drain Pipe 45 Deg Elbow	EA	13	0%	13	2.097	$ 65.00	$ 136.31	$ 198.00	$ 334.31	$ 4,345.97
67			10" Dia Storm Drain Pipe 45 Deg Elbow	EA	5	0%	5	1.887	$ 65.00	$ 122.66	$ 285.45	$ 408.11	$ 2,040.53
68			14" Dia Storm Drain Pipe 45 Deg Elbow	EA	4	0%	4	2.450	$ 65.00	$ 159.25	$ 487.25	$ 646.50	$ 2,586.00
69			36" Dia Storm Drain Pipe 45 Deg Elbow	EA	1	0%	1	4.550	$ 65.00	$ 295.75	$ 1,245.26	$ 1,541.01	$ 1,541.01
			WYE										
70			4" Dia Storm Drain Pipe Wye	EA	1	0%	1	0.992	$ 65.00	$ 64.45	$ 30.38	$ 94.82	$ 94.82
71			8" Dia Storm Drain Pipe Wye	EA	1	0%	1	2.647	$ 65.00	$ 172.04	$ 267.30	$ 439.34	$ 439.34
72			14" Dia Storm Drain Pipe Wye	EA	1	0%	1	2.855	$ 65.00	$ 185.58	$ 455.12	$ 640.70	$ 640.70
73			36" Dia Storm Drain Pipe Wye	EA	1	0%	1	3.450	$ 65.00	$ 224.25	$ 812.36	$ 1,036.61	$ 1,036.61
74			6" / 4" Dia Storm Drain Pipe Wye	EA	1	0%	1	1.622	$ 65.00	$ 105.40	$ 111.38	$ 216.77	$ 216.77
75			10" / 4" Dia Storm Drain Pipe Wye	EA	3	0%	3	2.875	$ 65.00	$ 186.88	$ 512.13	$ 699.01	$ 2,097.02
76			10" / 6" Dia Storm Drain Pipe Wye	EA	1	0%	1	2.875	$ 65.00	$ 186.88	$ 512.13	$ 699.01	$ 699.01
77			10" / 8" Dia Storm Drain Pipe Wye	EA	1	0%	1	2.875	$ 65.00	$ 186.88	$ 512.13	$ 699.01	$ 699.01
78			12" / 4" Dia Storm Drain Pipe Wye	EA	3	0%	3	3.150	$ 65.00	$ 204.75	$ 685.23	$ 889.98	$ 2,669.94
79			12" / 10" Dia Storm Drain Pipe Wye	EA	1	0%	1	3.150	$ 65.00	$ 204.75	$ 685.23	$ 889.98	$ 889.98
80			14" / 12" Dia Storm Drain Pipe Wye	EA	1	0%	1	3.485	$ 65.00	$ 226.53	$ 855.42	$ 1,081.95	$ 1,081.95
			REDUCER										
81			8" / 6" Dia Storm Drain Pipe Reducer	EA	1	0%	1	1.593	$ 65.00	$ 103.55	$ 95.50	$ 199.05	$ 199.05
82			10" / 8" Dia Storm Drain Pipe Reducer	EA	1	0%	1	1.785	$ 65.00	$ 116.03	$ 125.48	$ 241.51	$ 241.51
83			12" / 8" Dia Storm Drain Pipe Reducer	EA	1	0%	1	1.850	$ 65.00	$ 120.25	$ 215.48	$ 335.73	$ 335.73
84			14" / 4" Dia Storm Drain Pipe Reducer	EA	1	0%	1	1.952	$ 65.00	$ 126.88	$ 285.45	$ 412.33	$ 412.33
85			14" / 6" Dia Storm Drain Pipe Reducer	EA	1	0%	1	1.952	$ 65.00	$ 126.88	$ 285.45	$ 412.33	$ 412.33
86			36" / 14" Dia Storm Drain Pipe Reducer	EA	1	0%	1	3.255	$ 65.00	$ 211.58	$ 655.23	$ 866.81	$ 866.81
			STORM DRAIN PIPE (ABOVE GRADE)										
			No-Hub Cast Iron Pipe W/ Fittings										
87			4" Dia Storm Drain Pipe	LF	197	10%	217	0.207	$ 65.00	$ 13.46	$ 26.00	$ 39.46	$ 8,559.01
88	P-1250A, P-1250B, P-1250C, P-1251A, P-1251B, P-1251C		6" Dia Storm Drain Pipe	LF	880	10%	968	0.228	$ 65.00	$ 14.82	$ 40.50	$ 55.32	$ 53,551.59
89			8" Dia Storm Drain Pipe	LF	367	10%	404	0.348	$ 65.00	$ 22.62	$ 78.50	$ 101.12	$ 40,815.47

DETAILED BREAKDOWN OF ITEMS

Prepared for: Patient Bed Tower, Baptist Health South Florida, 8900 N. Kendall Dr, Miami FL 33176
Project ID: 3032026
Scope: Plumbing

USA ESTIMATORS
+1 (214) 556-2605

Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
90	P-1252A, P-1252B, P-1252C, P-1253A, P-1253B, P-1253C, P-1254A, P-1254B, P-1254C, P-1255A, P-1255B, P-1255C, P-1256A, P-1256B, P-1256C, P-1351A, P-1351B & P-1351C		10" Dia Storm Drain Pipe	LF	58	10%	64	0.394	$ 65.00	$ 25.59	$ 125.00	$ 150.59	$ 9,614.51
			STORM DRAIN PIPE FITTINGS										
			ELBOW										
91			4" Dia Storm Drain Pipe 90 Deg Elbow	EA	5	0%	5	0.923	$ 65.00	$ 60.01	$ 136.00	$ 196.01	$ 980.06
92			6" Dia Storm Drain Pipe 90 Deg Elbow	EA	15	0%	15	1.059	$ 65.00	$ 68.84	$ 273.00	$ 341.84	$ 5,127.53
93			8" Dia Storm Drain Pipe 90 Deg Elbow	EA	9	0%	9	2.175	$ 65.00	$ 141.38	$ 615.00	$ 756.38	$ 6,807.38
94			10" Dia Storm Drain Pipe 90 Deg Elbow	EA	1	0%	1	2.400	$ 65.00	$ 156.00	$ 1,050.00	$ 1,206.00	$ 1,206.00
95			4" Dia Storm Drain Pipe 45 Deg Elbow	EA	11	0%	11	1.385	$ 65.00	$ 90.02	$ 154.00	$ 244.02	$ 2,684.19
96			6" Dia Storm Drain Pipe 45 Deg Elbow	EA	29	0%	29	1.589	$ 65.00	$ 103.25	$ 288.00	$ 391.25	$ 11,346.32
97			8" Dia Storm Drain Pipe 45 Deg Elbow	EA	14	0%	14	3.263	$ 65.00	$ 212.06	$ 640.00	$ 852.06	$ 11,928.88
98			10" Dia Storm Drain Pipe 45 Deg Elbow	EA	2	0%	2	3.600	$ 65.00	$ 234.00	$ 1,177.00	$ 1,411.00	$ 2,822.00
			WYE										
99			6" Dia Storm Drain Pipe Wye	EA	3	0%	3	1.500	$ 65.00	$ 97.50	$ 266.00	$ 363.50	$ 1,090.50
100			8" Dia Storm Drain Pipe Wye	EA	1	0%	1	1.637	$ 65.00	$ 106.37	$ 705.00	$ 811.37	$ 811.37
101			6" / 4" Dia Storm Drain Pipe Wye	EA	2	0%	2	1.500	$ 65.00	$ 97.50	$ 266.00	$ 363.50	$ 727.00
102			8" / 6" Dia Storm Drain Pipe Wye	EA	5	0%	5	1.637	$ 65.00	$ 106.37	$ 705.00	$ 811.37	$ 4,056.86
103			10" / 6" Dia Storm Drain Pipe Wye	EA	2	0%	2	3.428	$ 65.00	$ 222.84	$ 1,300.00	$ 1,522.84	$ 3,045.67
			REDUCER										
104			6" / 4" Dia Storm Drain Pipe Reducer	EA	2	0%	2	1.76	$ 65.00	$ 114.27	$ 185.65	$ 299.92	$ 599.84
105			8" / 4" Dia Storm Drain Pipe Reducer	EA	1	0%	1	1.95	$ 65.00	$ 126.75	$ 389.67	$ 516.42	$ 516.42
106			8" / 6" Dia Storm Drain Pipe Reducer	EA	4	0%	4	1.95	$ 65.00	$ 126.75	$ 389.67	$ 516.42	$ 2,065.68
107			10" / 6" Dia Storm Drain Pipe Reducer	EA	1	0%	1	2.10	$ 65.00	$ 136.50	$ 845.21	$ 981.71	$ 981.71
			OVERFLOW DRAIN PIPE (ABOVE GRADE)										
			No-Hub Cast Iron Pipe W/ Fittings										
108			4" Dia Storm Drain Overflow Pipe	LF	195	10%	214	0.207	$ 65.00	$ 13.46	$ 26.00	$ 39.46	$ 8,443.57
109			6" Dia Storm Drain Overflow Pipe	LF	911	10%	1002	0.228	$ 65.00	$ 14.82	$ 40.50	$ 55.32	$ 55,412.44
110			8" Dia Storm Drain Overflow Pipe	LF	514	10%	565	0.348	$ 65.00	$ 22.62	$ 78.50	$ 101.12	$ 57,181.03
111			10" Dia Storm Drain Overflow Pipe	LF	104	10%	114	0.394	$ 65.00	$ 25.59	$ 125.00	$ 150.59	$ 17,208.05
			STORM DRAIN OVERFLOW PIPE FITTINGS										
			ELBOW										
112			4" Dia Storm Drain Overflow Pipe 90 Deg Elbow	EA	5	0%	5	0.923	$ 65.00	$ 60.01	$ 136.00	$ 196.01	$ 980.06
113			6" Dia Storm Drain Overflow Pipe 90 Deg Elbow	EA	18	0%	18	1.059	$ 65.00	$ 68.84	$ 273.00	$ 341.84	$ 6,153.03
114			8" Dia Storm Drain Overflow Pipe 90 Deg Elbow	EA	9	0%	9	2.175	$ 65.00	$ 141.38	$ 615.00	$ 756.38	$ 6,807.38
115			10" Dia Storm Drain Overflow Pipe 90 Deg Elbow	EA	2	0%	2	2.400	$ 65.00	$ 156.00	$ 1,050.00	$ 1,206.00	$ 2,412.00
116			4" Dia Storm Drain Overflow Pipe 45 Deg Elbow	EA	10	0%	10	1.385	$ 65.00	$ 90.02	$ 154.00	$ 244.02	$ 2,440.17
117			6" Dia Storm Drain Overflow Pipe 45 Deg Elbow	EA	33	0%	33	1.589	$ 65.00	$ 103.25	$ 288.00	$ 391.25	$ 12,911.33
118			8" Dia Storm Drain Overflow Pipe 45 Deg Elbow	EA	21	0%	21	3.263	$ 65.00	$ 212.06	$ 640.00	$ 852.06	$ 17,893.31
119			10" Dia Storm Drain Overflow Pipe 45 Deg Elbow	EA	2	0%	2	3.600	$ 65.00	$ 234.00	$ 1,177.00	$ 1,411.00	$ 2,822.00
			WYE										
120			6" Dia Storm Drain Overflow Pipe Wye	EA	3	0%	3	1.500	$ 65.00	$ 97.50	$ 266.00	$ 363.50	$ 1,090.50
121			8" Dia Storm Drain Overflow Pipe Wye	EA	2	0%	2	1.637	$ 65.00	$ 106.37	$ 705.00	$ 811.37	$ 1,622.75
122			6" / 4" Dia Storm Drain Overflow Pipe Wye	EA	2	0%	2	1.500	$ 65.00	$ 97.50	$ 266.00	$ 363.50	$ 727.00
123			8" / 6" Dia Storm Drain Overflow Pipe Wye	EA	6	0%	6	1.637	$ 65.00	$ 106.37	$ 705.00	$ 811.37	$ 4,868.24
124			10" / 6" Dia Storm Drain Overflow Pipe Wye	EA	2	0%	2	3.428	$ 65.00	$ 222.84	$ 1,300.00	$ 1,522.84	$ 3,045.67
			REDUCER										
125			6" / 4" Dia Storm Drain Overflow Pipe Reducer	EA	2	0%	2	1.76	$ 65.00	$ 114.27	$ 185.65	$ 299.92	$ 599.84
126			8" / 4" Dia Storm Drain Overflow Pipe Reducer	EA	1	0%	1	1.95	$ 65.00	$ 126.75	$ 389.67	$ 516.42	$ 516.42
127			8" / 6" Dia Storm Drain Overflow Pipe Reducer	EA	6	0%	6	1.95	$ 65.00	$ 126.75	$ 389.67	$ 516.42	$ 3,098.52
128			10" / 8" Dia Storm Drain Overflow Pipe Reducer	EA	1	0%	1	2.10	$ 65.00	$ 136.50	$ 845.21	$ 981.71	$ 981.71
			PUMP DISCHARGE PIPE (BELOW GRADE)										
			SCH 40 PVC Pipe W/ Fittings										
129			3" Dia Pump Discharge Pipe	LF	28	10%	31	0.204	$ 65.00	$ 13.25	$ 5.36	$ 18.61	$ 579.67
			PUMP DISCHARGE PIPE FITTINGS										
			ELBOW										
130			3" Dia Pump Discharge Pipe 90 Deg Elbow	EA	4	0%	4	0.524	$ 65.00	$ 34.08	$ 9.55	$ 43.63	$ 174.51
			PUMP DISCHARGE PIPE (ABOVE GRADE)										
			No-Hub Cast Iron Pipe W/ Fittings										
131			3" Dia Pump Discharge Pipe	LF	101	10%	111	0.204	$ 65.00	$ 13.25	$ 5.36	$ 18.61	$ 2,067.84
			PUMP DISCHARGE PIPE FITTINGS										
			ELBOW										
132			3" Dia Pump Discharge Pipe 90 Deg Elbow	EA	3	0%	3	0.524	$ 65.00	$ 34.08	$ 9.55	$ 43.63	$ 130.88
			PUMP										
133			ESP-1: Elevator Sump Pump, ZOELLER G4294, Simplex. Capacity 100 GPM At	EA	3	0%	3	5.00	$ 65.00	$ 325.00	$ 2,325.60	$ 2,650.60	$ 7,951.80
			MISCELLANEOUS										
134			3/4" Dia WH-1: Wall Hydrant, Loose Key Handle Enclosed Freeze Proof. Freeze P	EA	2	0%	2	2.25	$ 65.00	$ 146.25	$ 345.60	$ 491.85	$ 983.70
135			8" Dia DS-1: Downspout Nozzle, ZURN Z-199-DC-VP, Cover. Downspout Cover	EA	3	0%	3	3.85	$ 65.00	$ 250.25	$ 3,735.99	$ 3,986.24	$ 11,958.72
136			10" Dia DS-1: Downspout Nozzle, ZURN Z-199-DC-VP, Cover. Downspout Cove	EA	1	0%	1	4.50	$ 65.00	$ 292.50	$ 4,722.99	$ 5,015.49	$ 5,015.49
137			4" Dia End Cap	EA	3	0%	3	0.20	$ 65.00	$ 13.00	$ 19.49	$ 32.49	$ 97.47
138			4" Dia Vent Through Roof	EA	8	0%	8	2.18	$ 65.00	$ 141.70	$ 220.00	$ 361.70	$ 2,893.60
139			4" Dia x 2" Cellular Glass Insulation, For Heat Trace	LF	375	0%	375	0.12	$ 65.00	$ 7.80	$ 4.20	$ 12.00	$ 4,500.00
140			HT-1.4: Heat Trace Cable, NVENT RAYCHEM XL-TRACE EDGE 5XLE2-CT, 1	LF	350	0%	350	0.18	$ 65.00	$ 11.70	$ 3.08	$ 14.78	$ 5,173.00
141			HT-1.5: Heat Trace Cable, NVENT RAYCHEM XL-TRACE EDGE 5XLE2-CT, 1	LF	400	0%	400	0.18	$ 65.00	$ 11.70	$ 3.08	$ 14.78	$ 5,912.00
142			HTCP-1.5: Control Panel, C910-485, For Heat Trace	EA	1	0%	1	6.00	$ 65.00	$ 390.00	$ 2,150.00	$ 2,540.00	$ 2,540.00
143			4" Dia Sleeve	EA	56	0%	56						
144			5" Dia Sleeve	EA	48	0%	48						
145			7" Dia Sleeve	EA	40	0%	40						
146			9" Dia Sleeve	EA	24	0%	24						
147			12"x12" Access Panel	EA	2	0%	2	1.00	$ 65.00	$ 65.00	$ 65.98	$ 130.98	$ 261.96
			CLEANOUTS & DRAINS										
148			4" Dia OD-1: Overflow Roof Drain, ZURN ZC-100-ERC, Bottom Outlet Secondar	EA	5	0%	5	2.45	$ 65.00	$ 159.25	$ 425.12	$ 584.37	$ 2,921.85
149			4" Dia RD-1: Roof Drain, ZURN ZC-100-ERC. Main Roof Drain, Coated Cast Iro	EA	5	0%	5	2.45	$ 65.00	$ 159.25	$ 425.12	$ 584.37	$ 2,921.85
150			4" Dia WCO-1: Wall Cleanout, ZURN Z-1445, Square. DURA-COATED Cast Iro	EA	9	0%	9	1.20	$ 65.00	$ 78.00	$ 225.00	$ 303.00	$ 2,727.00
151			6" Dia OD-1: Overflow Roof Drain, ZURN ZC-100-ERC, Bottom Outlet Secondar	EA	16	0%	16	2.85	$ 65.00	$ 185.25	$ 515.23	$ 700.48	$ 11,207.68
152			6" Dia RD-1: Roof Drain, ZURN ZC-100-ERC. Main Roof Drain, Coated Cast Iro	EA	16	0%	16	2.85	$ 65.00	$ 185.25	$ 515.23	$ 700.48	$ 11,207.68
153			4" Dia Floor Cleanout	EA	13	0%	13	1.45	$ 65.00	$ 94.25	$ 210.54	$ 304.79	$ 3,962.27
154			4" Dia Two Way Grade Cleanout	EA	10	0%	10	1.80	$ 65.00	$ 117.00	$ 221.95	$ 338.95	$ 3,389.50
155			6" Dia Cleanout	EA	2	0%	2	2.10	$ 65.00	$ 136.50	$ 365.43	$ 501.93	$ 1,003.86
			VALVES										
156			3/4" Dia Ball Valve	EA	2	0%	2	0.40	$ 65.00	$ 26.00	$ 52.82	$ 78.82	$ 157.64
			PVC COUPLING										
157			3" Dia	EA	3	0%	3	0.00	$ 65.00	$ -	$ -	$ -	$ -
158			4" Dia	EA	50	0%	50	0.00	$ 65.00	$ -	$ -	$ -	$ -
159			6" Dia	EA	18	0%	18	0.00	$ 65.00	$ -	$ -	$ -	$ -
160			8" Dia	EA	47	0%	47	0.00	$ 65.00	$ -	$ -	$ -	$ -
161			10" Dia	EA	13	0%	13	0.00	$ 65.00	$ -	$ -	$ -	$ -
162			12" Dia	EA	19	0%	19	0.00	$ 65.00	$ -	$ -	$ -	$ -
163			14" Dia	EA	12	0%	12	0.00	$ 65.00	$ -	$ -	$ -	$ -
164			36" Dia	EA	17	0%	17	0.00	$ 65.00	$ -	$ -	$ -	$ -
			NO-HUB COUPLING										
165			3" Dia	EA	94	0%	94	0.00	$ 65.00	$ -	$ -	$ -	$ -
166			4" Dia	EA	176	0%	176	0.00	$ 65.00	$ -	$ -	$ -	$ -
167			6" Dia	EA	246	0%	246	0.00	$ 65.00	$ -	$ -	$ -	$ -
168			8" Dia	EA	150	0%	150	0.00	$ 65.00	$ -	$ -	$ -	$ -
169			10" Dia	EA	24	0%	24	0.00	$ 65.00	$ -	$ -	$ -	$ -
			PIPE SUPPORT										
170			3/4" Dia Adjustable Clevis Hanger	EA	8	0%	8	0.00	$ 65.00	$ -	$ -	$ -	$ -
171			3" Dia Adjustable Clevis Hanger	EA	74	0%	74	0.00	$ 65.00	$ -	$ -	$ -	$ -
172			4" Dia Adjustable Clevis Hanger	EA	132	0%	132	0.00	$ 65.00	$ -	$ -	$ -	$ -
173			6" Dia Adjustable Clevis Hanger	EA	182	0%	182	0.00	$ 65.00	$ -	$ -	$ -	$ -
174			8" Dia Adjustable Clevis Hanger	EA	88	0%	88	0.00	$ 65.00	$ -	$ -	$ -	$ -
175			10" Dia Adjustable Clevis Hanger	EA	16	0%	16	0.00	$ 65.00	$ -	$ -	$ -	$ -
176			3/8" Dia Threaded Rod (1 EA = 1 FT)	EA	8	0%	8	0.10	$ 65.00	$ 6.50	$ 1.97	$ 8.47	$ 67.76
177			1/2" Dia Threaded Rod (1 EA = 1 FT)	EA	206	0%	206	0.11	$ 65.00	$ 7.15	$ 2.93	$ 10.08	$ 2,076.48
178			5/8" Dia Threaded Rod (1 EA = 1 FT)	EA	286	0%	286	0.12	$ 65.00	$ 7.80	$ 4.77	$ 12.57	$ 3,595.02
			TRENCHING & BACKFILLING										
179			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	6300	0%	6300	0.04	$ 65.00	$ 2.60	$ -	$ 2.60	$ 16,380.00
												SUBTOTAL	**$ 794,077**

	PROJECTED COST	**$886,077**
OVERHEAD AND PROFIT	**15%**	**$132,912**
INSURANCE	**3%**	**$26,582**
CONTINGENCY	**5%**	**$44,304**
TAX	**7%**	**$38,163**
SUGGESTED BID		**$1,128,038**

Notes:

1. Online sources are used for pricing.
2. Prices can vary depending upon field conditions.

DETAILED BREAKDOWN OF ITEMS

Prepared for: Central Energy Plant, Baptist Health South Florida, 8900 N. Kendall Dr, Miami FL 33176
Project ID: 3032026
Scope: Plumbing

USA ESTIMATORS
+1 (214) 556-2605

Date: 6-Oct-26

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	$ -	$ -	$ -	$ 3,000.00	$ 3,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 1,000.00	$ 1,000.00
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 2,500.00	$ 2,500.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 1,500.00	$ 1,500.00
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL	**$ 8,000**
			PLUMBING										
			FUEL OIL SUPPLY PIPE (ABOVE GRADE)										
			SCH 40 Black Steel Pipe W/ Fittings										
8			1-1/2" Dia Fuel Oil Supply Pipe	LF	419	10%	461	0.150	$ 65.00	$ 9.75	$ 15.70	$ 25.45	$ 11,730.74
9			2" Dia Fuel Oil Supply Pipe	LF	21	10%	23	0.188	$ 65.00	$ 12.19	$ 21.00	$ 33.19	$ 759.70
			FUEL OIL SUPPLY PIPE FITTINGS										
			ELBOW										
10			1-1/2" Dia Fuel Oil Supply Pipe 90 Deg Elbow	EA	15	0%	15	0.600	$ 65.00	$ 39.00	$ 11.55	$ 50.55	$ 758.25
11			2" Dia Fuel Oil Supply Pipe 90 Deg Elbow	EA	1	0%	1	0.667	$ 65.00	$ 43.34	$ 18.10	$ 61.44	$ 61.44
			TEE										
12			1-1/2" Dia Fuel Oil Supply Pipe Tee	EA	4	0%	4	0.923	$ 65.00	$ 60.01	$ 45.00	$ 105.01	$ 420.05
13			2" Dia Fuel Oil Supply Pipe Tee	EA	1	0%	1	1.091	$ 65.00	$ 70.93	$ 62.50	$ 133.43	$ 133.43
			FUEL OIL RETURN PIPE (ABOVE GRADE)										
			SCH 40 Black Steel Pipe W/ Fittings										
14			2" Dia Fuel Oil Return Pipe	LF	416	10%	457	0.188	$ 65.00	$ 12.19	$ 21.00	$ 33.19	$ 15,181.49
			FUEL OIL RETURN PIPE FITTINGS										
			ELBOW										
15			2" Dia Fuel Oil Return Pipe 90 Deg Elbow	EA	15	0%	15	0.667	$ 65.00	$ 43.34	$ 18.10	$ 61.44	$ 921.58
			TEE										
16			2" Dia Fuel Oil Return Pipe Tee	EA	4	0%	4	1.091	$ 65.00	$ 70.93	$ 62.50	$ 133.43	$ 533.73
			VENT PIPE (ABOVE GRADE)										
			No-Hub Cast Iron Pipe W/ Fittings										
17	**P-2001**		3" Dia Vent Pipe	LF	81	10%	89	0.188	$ 65.00	$ 12.19	$ 20.00	$ 32.19	$ 2,875.70
			VENT PIPE FITTINGS										
			ELBOW										
18			3" Dia Vent Pipe 90 Deg Elbow	EA	3	0%	3	0.857	$ 65.00	$ 55.72	$ 92.00	$ 147.72	$ 443.16
			TEE										
19			3" Dia Vent Pipe Tee	EA	1	0%	1	1.334	$ 65.00	$ 86.68	$ 96.50	$ 183.18	$ 183.18
			MISCELLANEOUS										
20			1-1/2" Dia End Cap	EA	1	0%	1	0.15	$ 65.00	$ 9.75	$ 14.99	$ 24.74	$ 24.74
21			2" Dia End Cap	EA	1	0%	1	0.18	$ 65.00	$ 11.70	$ 15.28	$ 26.98	$ 26.98
22			3" Dia Vent Through Roof	EA	1	0%	1	1.85	$ 65.00	$ 120.25	$ 165.80	$ 286.05	$ 286.05
23			Day Tank	EA	1	0%	1	4.50	$ 65.00	$ 292.50	$ 730.00	$ 1,022.50	$ 1,022.50
24		**For Future**	Day Tank	EA	1	0%	1	4.50	$ 65.00	$ 292.50	$ 730.00	$ 1,022.50	$ 1,022.50
			NO-HUB COUPLING										
25			3" Dia	EA	9	0%	9	0.00	$ 65.00	$ -	$ -	$ -	$ -
			PIPE SUPPORT										
26			1-1/2" Dia Adjustable Clevis Hanger	EA	42	0%	42	0.00	$ 65.00	$ -	$ -	$ -	$ -
27			2" Dia Adjustable Clevis Hanger	EA	44	0%	44	0.00	$ 65.00	$ -	$ -	$ -	$ -
28			3" Dia Adjustable Clevis Hanger	EA	8	0%	8	0.00	$ 65.00	$ -	$ -	$ -	$ -
29			1/2" Dia Threaded Rod (1 EA = 1 FT)	EA	94	0%	94	0.11	$ 65.00	$ 7.15	$ 2.93	$ 10.08	$ 947.52
												SUBTOTAL	**$ 37,333**
			UTILITIES										
			PIPING										
			FUEL OIL SUPPLY PIPE (BELOW GRADE)										
			SCH 40 Black Steel Pipe W/ Fittings										
30			2" Dia Fuel Oil Supply Pipe	LF	40	10%	44	0.188	$ 65.00	$ 12.19	$ 21.00	$ 33.19	$ 1,460.25
			FUEL OIL SUPPLY PIPE FITTINGS										
			ELBOW										
31	**PS-1001**		2" Dia Fuel Oil Supply Pipe 90 Deg Elbow	EA	1	0%	1	0.667	$ 65.00	$ 43.34	$ 18.10	$ 61.44	$ 61.44
			MISCELLANEOUS										
32			Underground Fuel Oil Storage Tank, 20,000 GAL	EA	1	0%	1	120.00	$ 65.00	$ 7,800.00	$ 33,699.99	$ 41,499.99	$ 41,499.99
			TRENCHING & BACKFILLING										
33			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	120	0%	120	0.04	$ 65.00	$ 2.60	$ -	$ 2.60	$ 312.00
												SUBTOTAL	**$ 43,334**

	PROJECTED COST	**$88,666**
OVERHEAD AND PROFIT	**15%**	**$13,300**
INSURANCE	**3%**	**$2,660**
CONTINGENCY	**5%**	**$4,433**
TAX	**7%**	**$3,991**
SUGGESTED BID		**$113,051**

Notes:

1. Online sources are used for pricing.
2. Prices can vary depending upon field conditions.

DETAILED BREAKDOWN OF ITEMS

Prepared for: Baptist Health South Florida, 8900 N. Kendall Dr, Miami FL 33176
Project ID: 3032026
Scope: Plumbing

USA ESTIMATORS
+1 (214) 556-2605

Date: 6-Oct-26

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	$ -	$ -	$ -	$ 5,000.00	$ 5,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 1,300.00	$ 1,300.00
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 4,000.00	$ 4,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 2,200.00	$ 2,200.00
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL	**$ 12,500**
			EXISTING CONDITIONS										
			DEMOLITION										
8			Existing Utility Piping To Be Removed W/ All Associated Appurtenances	LF	3217.73	0%	3218	0.28	$ 65.00	$ 18.20	$ -	$ 18.20	$ 58,562.69
9	PD-1000		Existing Grease Interceptor To Be Removed W/ All Associated Appurtenances	EA	2	0%	2	4.50	$ 65.00	$ 292.50	$ -	$ 292.50	$ 585.00
10			Existing Manhole To Be Removed W/ All Associated Appurtenances	EA	5	0%	5	8.00	$ 65.00	$ 520.00	$ -	$ 520.00	$ 2,600.00
												SUBTOTAL	**$ 61,748**
			UTILITIES										
			PIPING										
			COLD WATER PIPE (BELOW GRADE)										
			Type "K" Copper Pipe										
11			6" Dia Cold Water Pipe	LF	14	10%	15	0.474	$ 65.00	$ 30.81	$ 268.00	$ 298.81	$ 4,447.19
			WASTE PIPE (BELOW GRADE)										
			SCH 40 PVC Pipe										
12			4" Dia Waste Pipe	LF	12	10%	13	0.225	$ 65.00	$ 14.61	$ 7.15	$ 21.76	$ 287.26
13			6" Dia Waste Pipe	LF	75	10%	82	0.277	$ 65.00	$ 17.99	$ 10.73	$ 28.72	$ 2,365.03
14			8" Dia Waste Pipe	LF	35	10%	38	0.338	$ 65.00	$ 21.94	$ 14.30	$ 36.24	$ 1,379.35
15			12" Dia Waste Pipe	LF	17	10%	19	0.385	$ 65.00	$ 25.05	$ 21.46	$ 46.51	$ 887.62
			GREASE WASTE PIPE (BELOW GRADE)										
			No-Hub Cast Iron Pipe										
16			4" Dia Grease Waste Pipe	LF	20	10%	22	0.207	$ 65.00	$ 13.46	$ 26.00	$ 39.46	$ 868.01
			STORM DRAIN PIPE (BELOW GRADE)										
			SCH 40 PVC Pipe										
17			10" Dia Storm Drain Pipe	LF	35	10%	38	0.377	$ 65.00	$ 24.48	$ 17.88	$ 42.36	$ 1,623.02
18			12" Dia Storm Drain Pipe	LF	17	10%	19	0.385	$ 65.00	$ 25.05	$ 21.46	$ 46.51	$ 882.50
19			16" Dia Storm Drain Pipe	LF	7	10%	8	0.704	$ 65.00	$ 45.76	$ 28.61	$ 74.37	$ 599.64
20			32" Dia Storm Drain Pipe	LF	17	10%	19	1.50	$ 65.00	$ 97.50	$ 65.12	$ 162.62	$ 3,048.15
			MEDICAL COMPRESSED AIR PIPE (BELOW GRADE)										
			SCH 40 Black Steel Pipe W/ Fittings										
21			1-1/2" Dia Medical Compressed Air Pipe	LF	322	10%	354	0.150	$ 65.00	$ 9.75	$ 15.70	$ 25.45	$ 9,005.99
			MEDICAL COMPRESSED AIR PIPE FITTINGS										
			ELBOW										
22			1-1/2" Dia Medical Compressed Air Pipe 90 Deg Elbow	EA	3	0%	3	0.600	$ 65.00	$ 39.00	$ 11.55	$ 50.55	$ 151.65
			OXYGEN PIPE (BELOW GRADE)										
			SCH 40 Black Steel Pipe W/ Fittings										
23			1-1/2" Dia Oxygen Pipe	LF	321	10%	354	0.150	$ 65.00	$ 9.75	$ 15.70	$ 25.45	$ 8,997.59
			OXYGEN PIPE FITTINGS										
			ELBOW										
24	PD-1000 & PS-1000		1-1/2" Dia Oxygen Pipe 90 Deg Elbow	EA	3	0%	3	0.600	$ 65.00	$ 39.00	$ 11.55	$ 50.55	$ 151.65
			MEDICAL VACUUM PIPE (BELOW GRADE)										
			SCH 40 Black Steel Pipe W/ Fittings										
25			2" Dia Medical Vacuum Pipe	LF	321	10%	353	0.188	$ 65.00	$ 12.19	$ 21.00	$ 33.19	$ 11,728.73
			MEDICAL VACUUM PIPE FITTINGS										
			ELBOW										
26			2" Dia Medical Vacuum Pipe 90 Deg Elbow	EA	3	0%	3	0.667	$ 65.00	$ 43.34	$ 18.10	$ 61.44	$ 184.32
			MISCELLANEOUS										
27			GI-1: Grease Interceptor, SCHIER PRODUCTS GB-1500, Below Grade. Flow Ra	EA	1	0%	1	80.00	$ 65.00	$ 5,200.00	$ 25,705.36	$ 30,905.36	$ 30,905.36
28			SI-1: Solids Interceptor, SCHIER PRODUCTS SI-250, Below Grade. Flow Rate 1	EA	1	0%	1	9.00	$ 65.00	$ 585.00	$ 7,343.50	$ 7,928.50	$ 7,928.50
29			SPP-1: Sampling Port, SCHIER PRODUCTS SV24-L-C24HP, Below Grade. Weig	EA	1	0%	1	5.75	$ 65.00	$ 373.75	$ 1,408.81	$ 1,782.56	$ 1,782.56
30			3/4" Dia End Cap	EA	4	0%	4	0.12	$ 65.00	$ 7.80	$ 12.45	$ 20.25	$ 81.00
31			1" Dia End Cap	EA	1	0%	1	0.14	$ 65.00	$ 9.10	$ 15.28	$ 24.38	$ 24.38
32			2-1/2" Dia End Cap	EA	1	0%	1	0.19	$ 65.00	$ 12.35	$ 17.23	$ 29.58	$ 29.58
33			4" Dia x 2" Cellular Glass Insulation, For Heat Trace	LF	20	0%	20	0.12	$ 65.00	$ 7.80	$ 4.20	$ 12.00	$ 240.00
34			HT-1.1: Heat Trace Cable, NVENT RAYCHEM XL-TRACE EDGE 5XLE2-CT,	LF	40	0%	40	0.18	$ 65.00	$ 11.70	$ 3.08	$ 14.78	$ 591.20
35			HTCP-1.1: Control Panel, C910-485, For Heat Trace	EA	1	10%	1	6.00	$ 65.00	$ 390.00	$ 2,150.00	$ 2,540.00	$ 2,794
			PVC COUPLING										
36			4" Dia	EA	2	0%	2	0.00	$ 65.00	$ -	$ -	$ -	$ -
37			6" Dia	EA	8	0%	8	0.00	$ 65.00	$ -	$ -	$ -	$ -
38			8" Dia	EA	4	0%	4	0.00	$ 65.00	$ -	$ -	$ -	$ -
39			10" Dia	EA	4	0%	4	0.00	$ 65.00	$ -	$ -	$ -	$ -
40			12" Dia	EA	4	0%	4	0.00	$ 65.00	$ -	$ -	$ -	$ -
41			16" Dia	EA	1	0%	1	0.00	$ 65.00	$ -	$ -	$ -	$ -
42			32" Dia	EA	2	0%	2	0.00	$ 65.00	$ -	$ -	$ -	$ -
			TRENCHING & BACKFILLING										
43			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	3640	0%	3640	0.04	$ 65.00	$ 2.60	$ -	$ 2.60	$ 9,462.80
												SUBTOTAL	**$ 100,447**

	PROJECTED COST	**$174,695**
OVERHEAD AND PROFIT	**15%**	**$26,204**
INSURANCE	**3%**	**$5,241**
CONTINGENCY	**5%**	**$8,735**
TAX	**7%**	**$4,536**
SUGGESTED BID		**$219,411**

Notes:

1. Online sources are used for pricing.
2. Prices can vary depending upon field conditions.

MATERIAL LIST

Prepared for: Baptist Health South Florida, 8900 N. Kendall Dr, Miami FL 33176
Project ID: 3032026
Scope: Plumbing

USA ESTIMATORS
+1 (214) 556-2605

Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
			MIAMI NEU				
			PLUMBING				
			COLD WATER PIPE (BELOW GRADE)				
			Type "K" Copper Tubing With Propress Fittings				
1			6" Dia Cold Water Pipe	EA	1	10%	1
			COLD WATER PIPE FITTINGS				
			ELBOW				
2			6" Dia Cold Water Pipe 90 Deg Elbow	EA	1	0%	1
			COLD WATER PIPE (ABOVE GRADE)				
			Type "L" Copper Tubing With Propress Fittings				
3			1/2" Dia Cold Water Pipe	EA	361	10%	397
4			3/4" Dia Cold Water Pipe	EA	181	10%	199
5			1" Dia Cold Water Pipe	EA	95	10%	105
6			1-1/4" Dia Cold Water Pipe	EA	18	10%	20
7			1-1/2" Dia Cold Water Pipe	EA	76	10%	84
8			2" Dia Cold Water Pipe	EA	137	10%	151
9			2-1/2" Dia Cold Water Pipe	EA	4	10%	4
10			3" Dia Cold Water Pipe	EA	19	10%	21
11			4" Dia Cold Water Pipe	EA	10	10%	11
12			6" Dia Cold Water Pipe	EA	6	10%	7
		Assumed	**1" Thick Fiberglass Pipe Insulation**				
13			1/2" Dia Cold Water Pipe	EA	361	10%	397
14			3/4" Dia Cold Water Pipe	EA	181	10%	199
15			1" Dia Cold Water Pipe	EA	95	10%	105
16			1-1/4" Dia Cold Water Pipe	EA	18	10%	20
17			1-1/2" Dia Cold Water Pipe	EA	76	10%	84
18			2" Dia Cold Water Pipe	EA	137	10%	151
19			2-1/2" Dia Cold Water Pipe	EA	4	10%	4
20			3" Dia Cold Water Pipe	EA	19	10%	21
21			4" Dia Cold Water Pipe	EA	10	10%	11
22			6" Dia Cold Water Pipe	EA	6	10%	7
			COLD WATER PIPE FITTINGS				
			ELBOW				
23			1/2" Dia Cold Water Pipe 45 Deg Elbow	EA	3	0%	3
24			3/4" Dia Cold Water Pipe 45 Deg Elbow	EA	6	0%	6
25			1" Dia Cold Water Pipe 45 Deg Elbow	EA	2	0%	2
26			6" Dia Cold Water Pipe 45 Deg Elbow	EA	2	0%	2
27			1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	784	0%	784
28			3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	107	0%	107
29			1" Dia Cold Water Pipe 90 Deg Elbow	EA	25	0%	25
30			1-1/4" Dia Cold Water Pipe 90 Deg Elbow	EA	21	0%	21
31			1-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	109	0%	109
32			2" Dia Cold Water Pipe 90 Deg Elbow	EA	35	0%	35
33			2-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	3	0%	3
34			3" Dia Cold Water Pipe 90 Deg Elbow	EA	7	0%	7
35			4" Dia Cold Water Pipe 90 Deg Elbow	EA	4	0%	4
36			6" Dia Cold Water Pipe 90 Deg Elbow	EA	4	0%	4
			TEE				
37			1/2" Dia Cold Water Pipe Tee	EA	4	0%	4
38			3/4" Dia Cold Water Pipe Tee	EA	13	0%	13
39			1" Dia Cold Water Pipe Tee	EA	20	0%	20
40			1-1/4" Dia Cold Water Pipe Tee	EA	7	0%	7
41			1-1/2" Dia Cold Water Pipe Tee	EA	17	0%	17
42			2" Dia Cold Water Pipe Tee	EA	30	0%	30
43			2-1/2" Dia Cold Water Pipe Tee	EA	1	0%	1
44			3" Dia Cold Water Pipe Tee	EA	1	0%	1
45			4" Dia Cold Water Pipe Tee	EA	1	0%	1
46			6" Dia Cold Water Pipe Tee	EA	1	0%	1
47			3/4" / 1/2" Dia Cold Water Pipe Tee	EA	86	0%	86
48			1" / 1/2" Dia Cold Water Pipe Tee	EA	57	0%	57
49			1" / 3/4" Dia Cold Water Pipe Tee	EA	4	0%	4
50			1-1/4" / 1/2" Dia Cold Water Pipe Tee	EA	4	0%	4
51			1-1/4" / 3/4" Dia Cold Water Pipe Tee	EA	3	0%	3
52			1-1/2" / 1/2" Dia Cold Water Pipe Tee	EA	29	0%	29
53			1-1/2" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1
54			1-1/2" / 1-1/4" Dia Cold Water Pipe Tee	EA	1	0%	1
55			2" / 1/2" Dia Cold Water Pipe Tee	EA	75	0%	75
56			2" / 3/4" Dia Cold Water Pipe Tee	EA	16	0%	16
57			2" / 1" Dia Cold Water Pipe Tee	EA	5	0%	5
58			2" / 1-1/4" Dia Cold Water Pipe Tee	EA	9	0%	9
59			2" / 1-1/2" Dia Cold Water Pipe Tee	EA	25	0%	25
60			2-1/2" / 1" Dia Cold Water Pipe Tee	EA	1	0%	1
61			3" / 1/2" Dia Cold Water Pipe Tee	EA	1	0%	1
62			3" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1
63			3" / 2" Dia Cold Water Pipe Tee	EA	3	0%	3
64			3" / 2-1/2" Dia Cold Water Pipe Tee	EA	1	0%	1
65			4"/ 1/2" Dia Cold Water Pipe Tee	EA	2	0%	2
66			4" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1
67			4" / 1-1/2" Dia Cold Water Pipe Tee	EA	1	0%	1
68			6" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2
			REDUCER				

MATERIAL LIST

Prepared for: Baptist Health South Florida, 8900 N. Kendall Dr, Miami FL 33176
Project ID: 3032026
Scope: Plumbing

USA ESTIMATORS
+1 (214) 556-2605

Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
69			3/4" / 1/2" Dia Cold Water Pipe Reducer	EA	45	0%	45
70			1" / 1/2" Dia Cold Water Pipe Reducer	EA	12	0%	12
71			1" / 3/4" Dia Cold Water Pipe Reducer	EA	21	0%	21
72			1-1/4" / 1/2" Dia Cold Water Pipe Reducer	EA	3	0%	3
73			1-1/2" / 1/2" Dia Cold Water Pipe Reducer	EA	17	0%	17
74			1-1/2" / 1" Dia Cold Water Pipe Reducer	EA	2	0%	2
75			1-1/2" / 1-1/4" Dia Cold Water Pipe Reducer	EA	8	0%	8
76			2" / 1/2" Dia Cold Water Pipe Reducer	EA	4	0%	4
77			2" / 3/4" Dia Cold Water Pipe Reducer	EA	3	0%	3
78			2" / 1" Dia Cold Water Pipe Reducer	EA	11	0%	11
79			2" / 1-1/4" Dia Cold Water Pipe Reducer	EA	2	0%	2
80			2" / 1-1/2" Dia Cold Water Pipe Reducer	EA	16	0%	16
81			2-1/2" / 1" Dia Cold Water Pipe Reducer	EA	1	0%	1
82			3" / 1-1/4" Dia Cold Water Pipe Reducer	EA	1	0%	1
83			3" / 2-1/2" Dia Cold Water Pipe Reducer	EA	1	0%	1
84			4" / 3" Dia Cold Water Pipe Reducer	EA	1	0%	1
85			6" / 4" Dia Cold Water Pipe Reducer	EA	1	0%	1
			HOT WATER PIPE (ABOVE GRADE)				
			Type "L" Copper Tubing With Propress Fittings				
86			1/2" Dia Hot Water Pipe	EA	300	10%	330
87			3/4" Dia Hot Water Pipe	EA	241	10%	265
88			1" Dia Hot Water Pipe	EA	102	10%	112
89			1-1/4" Dia Hot Water Pipe	EA	43	10%	47
90			1-1/2" Dia Hot Water Pipe	EA	55	10%	61
91			2" Dia Hot Water Pipe	EA	9	10%	10
92			4" Dia Hot Water Pipe	EA	29	10%	32
		Assumed	**1-1/2" Thick Fiberglass Pipe Insulation**				
93			1/2" Dia Hot Water Pipe	EA	300	10%	330
94			3/4" Dia Hot Water Pipe	EA	241	10%	265
95			1" Dia Hot Water Pipe	EA	102	10%	112
96			1-1/4" Dia Hot Water Pipe	EA	43	10%	47
97			1-1/2" Dia Hot Water Pipe	EA	55	10%	61
98			2" Dia Hot Water Pipe	EA	9	10%	10
99			4" Dia Hot Water Pipe	EA	29	10%	32
			HOT WATER PIPE FITTINGS				
			ELBOW				
100			4" Dia Hot Water Pipe 45 Deg Elbow	EA	5	0%	5
101			1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	661	0%	661
102			3/4" Dia Hot Water Pipe 90 Deg Elbow	EA	171	0%	171
103			1" Dia Hot Water Pipe 90 Deg Elbow	EA	27	0%	27
104			1-1/4" Dia Hot Water Pipe 90 Deg Elbow	EA	6	0%	6
105			1-1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	2	0%	2
106			2" Dia Hot Water Pipe 90 Deg Elbow	EA	7	0%	7
107			4" Dia Hot Water Pipe 90 Deg Elbow	EA	22	0%	22
			TEE				
108			1/2" Dia Hot Water Pipe Tee	EA	2	0%	2
109			3/4" Dia Hot Water Pipe Tee	EA	45	0%	45
110			1" Dia Hot Water Pipe Tee	EA	7	0%	7
111			1-1/4" Dia Hot Water Pipe Tee	EA	2	0%	2
112			1-1/2" Dia Hot Water Pipe Tee	EA	13	0%	13
113			2" Dia Hot Water Pipe Tee	EA	13	0%	13
114			4" Dia Hot Water Pipe Tee	EA	3	0%	3
115			3/4" / 1/2" Dia Hot Water Pipe Tee	EA	118	0%	118
116			1" / 1/2" Dia Hot Water Pipe Tee	EA	80	0%	80
117			1" / 3/4" Dia Hot Water Pipe Tee	EA	7	0%	7
118			1-1/4" / 1/2" Dia Hot Water Pipe Tee	EA	30	0%	30
119			1-1/4" / 3/4" Dia Hot Water Pipe Tee	EA	7	0%	7
120			1-1/4" / 1" Dia Hot Water Pipe Tee	EA	3	0%	3
121			1-1/2" / 1/2" Dia Hot Water Pipe Tee	EA	38	0%	38
122			1-1/2" / 3/4" Dia Hot Water Pipe Tee	EA	1	0%	1
123			1-1/2" / 1" Dia Hot Water Pipe Tee	EA	5	0%	5
124			1-1/2" / 1-1/4" Dia Hot Water Pipe Tee	EA	3	0%	3
125			2" / 1/2" Dia Hot Water Pipe Tee	EA	1	0%	1
126			2" / 1-1/2" Dia Hot Water Pipe Tee	EA	1	0%	1
			REDUCER				
127			3/4" / 1/2" Dia Hot Water Pipe Reducer	EA	31	0%	31
128			1" / 3/4" Dia Hot Water Pipe Reducer	EA	30	0%	30
129			1-1/4" / 3/4" Dia Hot Water Pipe Reducer	EA	9	0%	9
130			1-1/4" / 1" Dia Hot Water Pipe Reducer	EA	4	0%	4
131			1-1/2" / 3/4" Dia Hot Water Pipe Reducer	EA	10	0%	10
132			1-1/2" / 1" Dia Hot Water Pipe Reducer	EA	8	0%	8
133			1-1/2" / 1-1/4" Dia Hot Water Pipe Reducer	EA	8	0%	8
134			2" / 3/4" Dia Hot Water Pipe Reducer	EA	1	0%	1
135			2" / 1" Dia Hot Water Pipe Reducer	EA	1	0%	1
136			2" / 1-1/4" Dia Hot Water Pipe Reducer	EA	2	0%	2
137			2" / 1-1/2" Dia Hot Water Pipe Reducer	EA	15	0%	15
			HOT WATER RETURN PIPE (ABOVE GRADE)				
			Type "L" Copper Tubing With Propress Fittings				
138			3/4" Dia Hot Water Return Pipe	EA	144	10%	158
139			1" Dia Hot Water Return Pipe	EA	83	10%	91
140			1-1/4" Dia Hot Water Return Pipe	EA	20	10%	22
141			1-1/2" Dia Hot Water Return Pipe	EA	8	10%	9
142			2" Dia Hot Water Return Pipe	EA	32	10%	35
		Assumed	**1-1/2" Thick Fiberglass Pipe Insulation**				
143			3/4" Dia Hot Water Return Pipe	EA	144	10%	158
144			1" Dia Hot Water Return Pipe	EA	83	10%	91
145			1-1/4" Dia Hot Water Return Pipe	EA	20	10%	22
146			1-1/2" Dia Hot Water Return Pipe	EA	8	10%	9
147			2" Dia Hot Water Return Pipe	EA	32	10%	35
			HOT WATER RETURN PIPE FITTINGS				
			ELBOW				
148			3/4" Dia Hot Water Return Pipe 45 Deg Elbow	EA	2	0%	2
149			2" Dia Hot Water Return Pipe 45 Deg Elbow	EA	6	0%	6
150			3/4" Dia Hot Water Return Pipe 90 Deg Elbow	EA	74	0%	74

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
151			1" Dia Hot Water Return Pipe 90 Deg Elbow	EA	8	0%	8
152			1-1/4" Dia Hot Water Return Pipe 90 Deg Elbow	EA	5	0%	5
153			1-1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	7	0%	7
154			2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	24	0%	24
			TEE				
155			3/4" Dia Hot Water Return Pipe Tee	EA	6	0%	6
156			1" Dia Hot Water Return Pipe Tee	EA	2	0%	2
157			1-1/2" Dia Hot Water Return Pipe Tee	EA	13	0%	13
158			2" Dia Hot Water Return Pipe Tee	EA	5	0%	5
159			1" / 3/4" Dia Hot Water Return Pipe Tee	EA	22	0%	22
160			1-1/4" / 3/4" Dia Hot Water Return Pipe Tee	EA	3	0%	3
161			1-1/4" / 1" Dia Hot Water Return Pipe Tee	EA	5	0%	5
162			1-1/2" / 1" Dia Hot Water Return Pipe Tee	EA	7	0%	7
			REDUCER				
163			1" / 3/4" Dia Hot Water Return Pipe Reducer	EA	19	0%	19
164			1-1/4" / 3/4" Dia Hot Water Return Pipe Reducer	EA	3	0%	3
165			1-1/4" / 1" Dia Hot Water Return Pipe Reducer	EA	2	0%	2
166			1-1/2" / 3/4" Dia Hot Water Return Pipe Reducer	EA	6	0%	6
167			1-1/2" / 1" Dia Hot Water Return Pipe Reducer	EA	2	0%	2
168			1-1/2" / 1-1/4" Dia Hot Water Return Pipe Reducer	EA	5	0%	5
			IRRIGATION WATER PIPE (BELOW GRADE)				
		Assumed	**Type "K" Copper Tubing With Propress Fittings**				
169			1" Dia Irrigation Water Pipe	EA	1	10%	1
			IRRIAGTION WATER PIPE FITTINGS				
			ELBOW				
170			1" Dia Irrigation Water Pipe 90 Deg Elbow	EA	1	0%	1
			SOFTNER WATER PIPE (ABOVE GRADE)				
		Assumed	**Type "L" Copper Tubing With Propress Fittings**				
171			4" Dia Softener Water Pipe	EA	5	10%	6
		Assumed	**1" Thick Fiberglass Pipe Insulation**				
172			4" Dia Softener Water Pipe	EA	5	10%	6
			SOFTNER WATER PIPE FITTINGS				
			ELBOW				
173			4" Dia Softener Water Pipe 45 Deg Elbow	EA	2	0%	2
174			4" Dia Softener Water Pipe 90 Deg Elbow	EA	4	0%	4
			TEE				
175			4" Dia Softener Water Pipe Tee	EA	1	0%	1
			TANK REHEAT WATER PIPE (ABOVE GRADE)				
		Assumed	**Type "L" Copper Tubing With Propress Fittings**				
176			4" Dia Tank Reheat Water Pipe	EA	4	10%	4
		Assumed	**1" Thick Fiberglass Pipe Insulation**				
177			4" Dia Tank Reheat Water Pipe	EA	4	10%	4
			TANK REHEAT WATER PIPE FITTINGS				
			ELBOW				
178			4" Dia Tank Reheat Water Pipe 90 Deg Elbow	EA	13	0%	13
			TEE				
179			4" Dia Tank Reheat Water Pipe Tee	EA	4	0%	4
			TANK FEEDER WATER PIPE (ABOVE GRADE)				
		Assumed	**Type "L" Copper Tubing With Propress Fittings**				
180			4" Dia Tank Feeder Water Pipe	EA	5	10%	6
		Assumed	**1" Thick Fiberglass Pipe Insulation**				
181			4" Dia Tank Feeder Water Pipe	EA	5	10%	6
			TANK FEEDER WATER PIPE FITTINGS				
			ELBOW				
182			4" Dia Tank Feeder Water Pipe 90 Deg Elbow	EA	13	0%	13
			TEE				
183			4" Dia Tank Feeder Water Pipe Tee	EA	3	0%	3
			TRAP PRIMER PIPE (BELOW GRADE)				
		Assumed	**Type "K" Copper Tubing With Propress Fittings**				
184			1/2" Dia Trap Primer Pipe	EA	22	10%	24
			TRAP PRIMER PIPE FITTINGS				
			ELBOW				
185			1/2" Dia Trap Primer Pipe 90 Deg Elbow	EA	37	0%	37
			WASTE PIPE (BELOW GRADE)				
			Schedule 40 PVC Pipe With Fittings				
186			2" Dia Waste Pipe	EA	41	10%	45
187			3" Dia Waste Pipe	EA	20	10%	22
188			4" Dia Waste Pipe	EA	95	10%	105
189			6" Dia Waste Pipe	EA	35	10%	39
			WASTE PIPE FITTINGS				
			ELBOW				
190			2" Dia Waste Pipe 90 Deg Elbow	EA	55	0%	55
191			3" Dia Waste Pipe 90 Deg Elbow	EA	22	0%	22
192			4" Dia Waste Pipe 90 Deg Elbow	EA	34	0%	34
193			6" Dia Waste Pipe 90 Deg Elbow	EA	11	0%	11
194			2" Dia Waste Pipe 45 Deg Elbow	EA	54	0%	54
195			3" Dia Waste Pipe 45 Deg Elbow	EA	24	0%	24
196			4" Dia Waste Pipe 45 Deg Elbow	EA	59	0%	59
197			6" Dia Waste Pipe 45 Deg Elbow	EA	5	0%	5
			WYE				
198			2" Dia Waste Pipe Wye	EA	9	0%	9
199			3" Dia Waste Pipe Wye	EA	3	0%	3
200			4" Dia Waste Pipe Wye	EA	39	0%	39
201			6" Dia Waste Pipe Wye	EA	2	0%	2
202			3" Dia Waste Pipe Wye Combination	EA	1	0%	1
203			6" Dia Waste Pipe Wye Combination	EA	1	0%	1
204			3" / 2" Dia Waste Pipe Wye	EA	5	0%	5
205			4" / 2" Dia Waste Pipe Wye	EA	21	0%	21
206			4" / 3" Dia Waste Pipe Wye	EA	12	0%	12
207			6" / 2" Dia Waste Pipe Wye	EA	3	0%	3
208			6" / 3" Dia Waste Pipe Wye	EA	4	0%	4
209			6" / 4" Dia Waste Pipe Wye	EA	18	0%	18
			REDUCER				

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Scope: Plumbing

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
210			3" / 2" Dia Waste Pipe Reducer	EA	2	0%	2
211			4" / 2" Dia Waste Pipe Reducer	EA	11	0%	11
212			4" / 3" Dia Waste Pipe Reducer	EA	4	0%	4
213			6" / 4" Dia Waste Pipe Reducer	EA	4	0%	4
			WASTE PIPE (ABOVE GRADE)				
			Cast Iron Pipe With Fittings				
214			2" Dia Waste Pipe	EA	229	10%	252
215			3" Dia Waste Pipe	EA	112	10%	123
216			4" Dia Waste Pipe	EA	117	10%	129
			WASTE PIPE FITTINGS				
			ELBOW				
217			2" Dia Waste Pipe 90 Deg Elbow	EA	213	0%	213
218			3" Dia Waste Pipe 90 Deg Elbow	EA	36	0%	36
219			4" Dia Waste Pipe 90 Deg Elbow	EA	40	0%	40
220			2" Dia Waste Pipe 45 Deg Elbow	EA	245	0%	245
221			3" Dia Waste Pipe 45 Deg Elbow	EA	129	0%	129
222			4" Dia Waste Pipe 45 Deg Elbow	EA	153	0%	153
			WYE				
223			2" Dia Waste Pipe Wye	EA	15	0%	15
224			3" Dia Waste Pipe Wye	EA	22	0%	22
225			4" Dia Waste Pipe Wye	EA	60	0%	60
226			2" Dia Waste Pipe Wye Combination	EA	154	0%	154
227			4" Dia Waste Pipe Wye Combination	EA	10	0%	10
228			3" Dia Waste Pipe Double Wye	EA	2	0%	2
229			4" Dia Waste Pipe Double Wye	EA	6	0%	6
230			3" / 2" Dia Waste Pipe Wye	EA	84	0%	84
231			4" / 2" Dia Waste Pipe Wye	EA	40	0%	40
232			4" / 3" Dia Waste Pipe Wye	EA	46	0%	46
233			4" / 3" Dia Waste Pipe Double Wye	EA	6	0%	6
			REDUCER				
234			3" / 2" Dia Waste Pipe Reducer	EA	69	0%	69
235			4" / 2" Dia Waste Pipe Reducer	EA	34	0%	34
236			4" / 3" Dia Waste Pipe Reducer	EA	16	0%	16
			GREASE WASTE PIPE (BELOW GRADE)				
			Cast Iron Pipe With Fittings				
237			4" Dia Grease Waste Pipe	EA	28	10%	31
			WASTE PIPE FITTINGS				
			ELBOW				
238			4" Dia Grease Waste Pipe 90 Deg Elbow	EA	1	0%	1
239			4" Dia Grease Waste Pipe 45 Deg Elbow	EA	5	0%	5
			WYE				
240			4" Dia Grease Waste Pipe Wye	EA	3	0%	3
			VENT PIPE (ABOVE GRADE)				
			Cast Iron Pipe With Fittings				
241			2" Dia Vent Pipe	EA	506	10%	557
242			3" Dia Vent Pipe	EA	67	10%	74
243			4" Dia Vent Pipe	EA	1	10%	1
			VENT PIPE FITTINGS				
			ELBOW				
244			2" Dia Vent Pipe 90 Deg Elbow	EA	530	0%	530
245			3" Dia Vent Pipe 90 Deg Elbow	EA	27	0%	27
246			4" Dia Vent Pipe 90 Deg Elbow	EA	1	0%	1
247			2" Dia Vent Pipe 45 Deg Elbow	EA	11	0%	11
248			3" Dia Vent Pipe 45 Deg Elbow	EA	2	0%	2
			TEE				
249			2" Dia Vent Pipe Tee	EA	211	0%	211
250			3" Dia Vent Pipe Tee	EA	13	0%	13
251			4" Dia Vent Pipe Tee	EA	1	0%	1
252			3" / 2" Dia Vent Pipe Tee	EA	27	0%	27
253			2" Dia Vent Pipe Cross Tee	EA	3	0%	3
254			3" Dia Vent Pipe Cross Tee	EA	1	0%	1
255			3" / 2" Dia Vent Pipe Cross Tee	EA	6	0%	6
			REDUCER				
256			3" / 2" Dia Vent Pipe Reducer	EA	12	0%	12
257			4" / 3" Dia Vent Pipe Reducer	EA	2	0%	2
			CONDENSATE DRAIN PIPE (ABOVE GRADE)				
		Assumed	**Cast Iron Pipe With Fittings**				
258			3" Dia Condensate Drain Pipe	EA	24	10%	26
			CONDENSATE DRAIN PIPE FITTINGS				
			ELBOW				
259			3" Dia Condensate Drain Pipe 90 Deg Elbow	EA	8	0%	8
260			3" Dia Condensate Drain Pipe 45 Deg Elbow	EA	10	0%	10
			TEE				
261			3" Dia Condensate Drain Pipe Tee	EA	8	0%	8
			PUMPED DISCHARGE PIPE (BELOW GRADE)				
		Assumed	**Schedule 40 PVC Pipe With Fittings**				
262			3" Dia Pumped Discharge Pipe	EA	6	10%	7
			PUMPED DISCHARGE PIPE FITTINGS				
			ELBOW				
263			3" Dia Pumped Discharge Pipe 90 Deg Elbow	EA	3	0%	3
264			3" Dia Pumped Discharge Pipe 45 Deg Elbow	EA	2	0%	2
			PUMPED DISCHARGE PIPE (ABOVE GRADE)				
		Assumed	**Cast Iron Pipe With Fittings**				
265			3" Dia Pumped Discharge Pipe	EA	22	10%	24
			PUMPED DISCHARGE PIPE FITTINGS				
			ELBOW				
266			3" Dia Pumped Discharge Pipe 90 Deg Elbow	EA	10	0%	10
267			3" Dia Pumped Discharge Pipe 45 Deg Elbow	EA	3	0%	3
			WYE				
268			3" Dia Pumped Discharge Pipe Wye	EA	2	0%	2
			STORM DRAIN PIPE (BELOW GRADE)				
			Schedule 40 PVC Pipe With Fittings				
269			3" Dia Storm Drain Pipe	EA	1	10%	1

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
270			4" Dia Storm Drain Pipe	EA	13	10%	14
271			6" Dia Storm Drain Pipe	EA	17	10%	19
272			8" Dia Storm Drain Pipe	EA	19	10%	21
273			10" Dia Storm Drain Pipe	EA	9	10%	10
274			12" Dia Storm Drain Pipe	EA	3	10%	3
275	P1202B, P1203A, P120		16" Dia Storm Drain Pipe	EA	10	10%	11
			STORM DRAIN PIPE FITTINGS				
			ELBOW				
276			4" Dia Storm Drain Pipe 90 Deg Elbow	EA	4	0%	4
277			6" Dia Storm Drain Pipe 90 Deg Elbow	EA	6	0%	6
278			8" Dia Storm Drain Pipe 90 Deg Elbow	EA	3	0%	3
279			10" Dia Storm Drain Pipe 90 Deg Elbow	EA	2	0%	2
280			4" Dia Storm Drain Pipe 45 Deg Elbow	EA	5	0%	5
281			6" Dia Storm Drain Pipe 45 Deg Elbow	EA	12	0%	12
282			8" Dia Storm Drain Pipe 45 Deg Elbow	EA	10	0%	10
283			12" Dia Storm Drain Pipe 45 Deg Elbow	EA	2	0%	2
284			16" Dia Storm Drain Pipe 45 Deg Elbow	EA	4	0%	4
			WYE				
285			4" Dia Storm Drain Pipe Wye	EA	1	0%	1
286			8" Dia Storm Drain Pipe Wye	EA	1	0%	1
287			8" / 6" Dia Storm Drain Pipe Wye	EA	1	0%	1
288			10" / 4" Dia Storm Drain Pipe Wye	EA	2	0%	2
289			10" / 6" Dia Storm Drain Pipe Wye	EA	3	0%	3
290			12" / 8" Dia Storm Drain Pipe Wye	EA	2	0%	2
291			16" / 4" Dia Storm Drain Pipe Wye	EA	1	0%	1
292			16" / 6" Dia Storm Drain Pipe Wye	EA	3	0%	3
293			16" / 8" Dia Storm Drain Pipe Wye	EA	1	0%	1
294			16" / 4" Dia Storm Drain Pipe Wye Combination	EA	2	0%	2
			REDUCER				
295			8" / 4" Dia Storm Drain Pipe Reducer	EA	1	0%	1
296			10" / 8" Dia Storm Drain Pipe Reducer	EA	1	0%	1
297			12" / 8" Dia Storm Drain Pipe Reducer	EA	1	0%	1
298			16" / 12" Dia Storm Drain Pipe Reducer	EA	1	0%	1
			STORM DRAIN PIPE (ABOVE GRADE)				
			Cast Iron Pipe With Fittings				
299			2" Dia Storm Drain Pipe	EA	5	10%	6
300			3" Dia Storm Drain Pipe	EA	13	10%	14
301			4" Dia Storm Drain Pipe	EA	78	10%	86
302			6" Dia Storm Drain Pipe	EA	49	10%	54
303			8" Dia Storm Drain Pipe	EA	4	10%	4
			STORM DRAIN PIPE FITTINGS				
			ELBOW				
304			2" Dia Storm Drain Pipe 90 Deg Elbow	EA	4	0%	4
305			3" Dia Storm Drain Pipe 90 Deg Elbow	EA	11	0%	11
306			4" Dia Storm Drain Pipe 90 Deg Elbow	EA	36	0%	36
307			6" Dia Storm Drain Pipe 90 Deg Elbow	EA	19	0%	19
308			8" Dia Storm Drain Pipe 90 Deg Elbow	EA	2	0%	2
309			2" Dia Storm Drain Pipe 45 Deg Elbow	EA	2	0%	2
310			3" Dia Storm Drain Pipe 45 Deg Elbow	EA	6	0%	6
311			4" Dia Storm Drain Pipe 45 Deg Elbow	EA	56	0%	56
312			6" Dia Storm Drain Pipe 45 Deg Elbow	EA	27	0%	27
313			8" Dia Storm Drain Pipe 45 Deg Elbow	EA	2	0%	2
			WYE				
314			3" Dia Storm Drain Pipe Wye	EA	1	0%	1
315			4" Dia Storm Drain Pipe Wye	EA	4	0%	4
316			6" Dia Storm Drain Pipe Wye	EA	3	0%	3
317			3" / 2" Dia Storm Drain Pipe Wye	EA	2	0%	2
318			4" / 3" Dia Storm Drain Pipe Wye	EA	3	0%	3
319			6" / 3" Dia Storm Drain Pipe Wye	EA	1	0%	1
320			6" / 4" Dia Storm Drain Pipe Wye	EA	10	0%	10
321			8" / 4" Dia Storm Drain Pipe Wye	EA	2	0%	2
322			8" / 6" Dia Storm Drain Pipe Wye	EA	3	0%	3
			REDUCER				
323			3" / 2" Dia Storm Drain Pipe Reducer	EA	2	0%	2
324			4" / 3" Dia Storm Drain Pipe Reducer	EA	1	0%	1
325			6" / 3" Dia Storm Drain Pipe Reducer	EA	2	0%	2
326			6" / 4" Dia Storm Drain Pipe Reducer	EA	7	0%	7
327			8" / 6" Dia Storm Drain Pipe Reducer	EA	3	0%	3
			OVERFLOW DRAIN PIPE (ABOVE GRADE)				
		Assumed	**Cast Iron Pipe With Fittings**				
328			3" Dia Overflow Drain Pipe	EA	9	10%	10
329			4" Dia Overflow Drain Pipe	EA	68	10%	75
330			6" Dia Overflow Drain Pipe	EA	71	10%	78
331			8" Dia Overflow Drain Pipe	EA	9	10%	10
332			10" Dia Overflow Drain Pipe	EA	4	10%	4
			OVERFLOW DRAIN PIPE FITTINGS				
			ELBOW				
333			3" Dia Overflow Drain Pipe 90 Deg Elbow	EA	1	0%	1
334			4" Dia Overflow Drain Pipe 90 Deg Elbow	EA	27	0%	27
335			6" Dia Overflow Drain Pipe 90 Deg Elbow	EA	22	0%	22
336			3" Dia Overflow Drain Pipe 45 Deg Elbow	EA	10	0%	10
337			4" Dia Overflow Drain Pipe 45 Deg Elbow	EA	51	0%	51
338			6" Dia Overflow Drain Pipe 45 Deg Elbow	EA	47	0%	47
339			8" Dia Overflow Drain Pipe 45 Deg Elbow	EA	8	0%	8
340			10" Dia Overflow Drain Pipe 45 Deg Elbow	EA	2	0%	2
			WYE				
341			6" Dia Overflow Drain Pipe Wye	EA	3	0%	3
342			4" / 3" Dia Overflow Drain Pipe Wye	EA	2	0%	2
343			6" / 3" Dia Overflow Drain Pipe Wye	EA	1	0%	1
344			6" / 4" Dia Overflow Drain Pipe Wye	EA	13	0%	13
345			8" / 6" Dia Overflow Drain Pipe Wye	EA	1	0%	1
346			10" / 4" Dia Overflow Drain Pipe Wye	EA	1	0%	1
347			10" / 8" Dia Overflow Drain Pipe Wye	EA	2	0%	2
			REDUCER				
348			4" / 3" Dia Overflow Drain Pipe Reducer	EA	1	0%	1

MATERIAL LIST

Prepared for: Baptist Health South Florida, 8900 N. Kendall Dr, Miami FL 33176
Project ID: 3032026
Scope: Plumbing

USA ESTIMATORS
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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
349			6" / 4" Dia Overflow Drain Pipe Reducer	EA	7	0%	7
350			8" / 6" Dia Overflow Drain Pipe Reducer	EA	2	0%	2
351			10" / 6" Dia Overflow Drain Pipe Reducer	EA	2	0%	2
			MEDICAL VACUUM PIPE (ABOVE GRADE)				
		Assumed	**Type "L" Copper Tubing With Propress Fittings**				
352			3/4" Dia Medical Vacuum Pipe	EA	30	10%	33
353			1" Dia Medical Vacuum Pipe	EA	14	10%	15
354			1-1/4" Dia Medical Vacuum Pipe	EA	3	10%	3
355			2" Dia Medical Vacuum Pipe	EA	11	10%	12
			MEDICAL VACUUM PIPE FITTINGS				
			ELBOW				
356			3/4" Dia Medical Vacuum Pipe 90 Deg Elbow	EA	38	0%	38
357			1" Dia Medical Vacuum Pipe 90 Deg Elbow	EA	6	0%	6
358			1-1/4" Dia Medical Vacuum Pipe 90 Deg Elbow	EA	3	0%	3
359			2" Dia Medical Vacuum Pipe 90 Deg Elbow	EA	4	0%	4
			TEE				
360			3/4" Dia Medical Vacuum Pipe Tee	EA	2	0%	2
361			1" Dia Medical Vacuum Pipe Tee	EA	1	0%	1
362			1" / 3/4" Dia Medical Vacuum Pipe Tee	EA	3	0%	3
363			1-1/4" / 3/4" Dia Medical Vacuum Pipe Tee	EA	1	0%	1
364			1-1/4" / 1" Dia Medical Vacuum Pipe Tee	EA	1	0%	1
365			2" / 3/4" Dia Medical Vacuum Pipe Tee	EA	2	0%	2
366			2" / 1-1/4" Dia Medical Vacuum Pipe Tee	EA	1	0%	1
			REDUCER				
367			1" / 3/4" Dia Medical Vacuum Pipe Reducer	EA	3	0%	3
368			1-1/4" / 1" Dia Medical Vacuum Pipe Reducer	EA	1	0%	1
			MEDICAL COMPRESSED AIR PIPE (ABOVE GRADE)				
		Assumed	**Type "L" Copper Tubing With Propress Fittings**				
369			1/2" Dia Medical Compressed Air Pipe	EA	32	10%	35
370			3/4" Dia Medical Compressed Air Pipe	EA	18	10%	20
371			1-1/2" Dia Medical Compressed Air Pipe	EA	12	10%	13
			MEDICAL COMPRESSED AIR PIPE FITTINGS				
			ELBOW				
372			1/2" Dia Medical Compressed Air Pipe 90 Deg Elbow	EA	43	0%	43
373			3/4" Dia Medical Compressed Air Pipe 90 Deg Elbow	EA	11	0%	11
374			1-1/2" Dia Medical Compressed Air Pipe 90 Deg Elbow	EA	4	0%	4
			TEE				
375			3/4" Dia Medical Compressed Air Pipe Tee	EA	2	0%	2
376			3/4" / 1/2" Dia Medical Compressed Air Pipe Tee	EA	4	0%	4
377			1-1/2" / 1/2" Dia Medical Compressed Air Pipe Tee	EA	2	0%	2
378			1-1/2" / 3/4" Dia Medical Compressed Air Pipe Tee	EA	1	0%	1
			REDUCER				
379			3/4" / 1/2" Dia Medical Compressed Air Pipe Reducer	EA	4	0%	4
380			1-1/2" / 3/4" Dia Medical Compressed Air Pipe Reducer	EA	1	0%	1
			OXYGEN PIPE (ABOVE GRADE)				
		Assumed	**Type "L" Copper Tubing With Propress Fittings**				
381			1/2" Dia Oxygen Pipe	EA	32	10%	35
382			3/4" Dia Oxygen Pipe	EA	18	10%	20
383			1-1/2" Dia Oxygen Pipe	EA	12	10%	13
			OXYGEN PIPE FITTINGS				
			ELBOW				
384			1/2" Dia Oxygen Pipe 90 Deg Elbow	EA	44	0%	44
385			3/4" Dia Oxygen Pipe 90 Deg Elbow	EA	11	0%	11
386			1-1/2" Dia Oxygen Pipe 90 Deg Elbow	EA	4	0%	4
			TEE				
387			3/4" Dia Oxygen Pipe Tee	EA	2	0%	2
388			3/4" / 1/2" Dia Oxygen Pipe Tee	EA	4	0%	4
389			1-1/2" / 1/2" Dia Oxygen Pipe Tee	EA	2	0%	2
390			1-1/2" / 3/4" Dia Oxygen Pipe Tee	EA	1	0%	1
			REDUCER				
391			3/4" / 1/2" Dia Oxygen Pipe Reducer	EA	3	0%	3
392			1-1/2" / 3/4" Dia Oxygen Pipe Reducer	EA	1	0%	1
			WASTE ANESTETIC DISPOSAL PIPE (ABOVE GRADE)				
		Assumed	**Type "L" Copper Tubing With Propress Fittings**				
393			3/4" Dia Waste Anesthetic Gas Disposal Pipe	EA	2	10%	2
			HEAT TRACE CABLE SYSTEM				
		Assumed	**Heat Trace Cable With 2" Thick Cellular Glass Insulation**				
394			5 W/FT Self Regulating Heating Cable, NVENT RAYCHEM HEAT TRACE SY	LF	542	10%	596
			Accessories				
395			HTCP-1: Heat Trace Control Panel, C910-485	EA	1	0%	1
396			Heat Trace System Controller	EA	2	0%	2
			PLUMBING FIXTURES				
397			WC-1: Water Closet, AMERICAN STANDARD #MADERA 3461.001, (Floor Mo	EA	25	0%	25
398			WC-2: Water Closet, AMERICAN STANDARD #MADERA 3461.001, (Floor Mo	EA	20	0%	20
399			WC-3: Water Closet, AMERICAN STANDARD #MADERA 2234.001, (Floor Mo	EA	6	0%	6
400			U-1: Urinal, AMERICAN STANDARD #DECORUM 6042.001EC, Wall Hung, 0.	EA	1	0%	1
401			U-2: Urinal, AMERICAN STANDARD #DECORUM 6042.001EC, (Wall Hung -	EA	1	0%	1
402			L-1: Lavatory, Basin: AMERICAN STANDARD #LUCERNE 0356.015, (Wall-Hu	EA	38	0%	38
403			L-2: Lavatory, Basin: KOHLER #K-2330, (Undermount - Ada - Single Hole Sensc	EA	12	0%	12
404			L-3: Lavatory, Basin: AMERICAN STANDARD #LUCERNE 0356.137, (Wall-Hu	EA	14	0%	14
405			S-1: Sink, Bowl: CORIAN #8254 (Coordinate Finish With GC / Arch), (Undermou	EA	250	0%	250
406			S-2: Sink, Bowl: ELKAY #LRAD191865-3, (Counter-Mount - Ada - Wrist Blades	EA	1	0%	1
407			S-3: Sink (Integral - ADA - Wrist Blades Handles - Manual Gooseneck Faucet -	EA	3	0%	3
408			EWC-1: Electric Water Cooler, ELKAY LZWS-LRPBM28K, (Wall Mounted - Du	EA	8	0%	8
409			MS-1: Mop Sink, STERN-WILLIAMS #SBC-1702-BP, (Floor Mount) Precast Ter	EA	7	0%	7
410			SH-1: Shower - Trim & Drain (Fixed W/ Hand Shower - Ada - Asse 1016 & Ass	EA	1	0%	1
411			BF-1: Bottle Filling Station, ELKAY LZWSM8K, (Wall Mounted - Remote Chille	EA	1	0%	1
412			Dishwasher (Tag not given)	EA	1	0%	1
413			1" Dia RH-1: Roof Hydrant, Freeze Proof - Anti-Siphon, Bronze Casing, Vacuum	EA	1	0%	1
414			3/4" Dia WH-1: Wall Hydrant (Loose Key Handle - Enclosed - Freeze Proof) Free	EA	8	0%	8

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
415			3/4" Dia HB-1: Hose Bibb (Wheel Handle - Chrome) Exposed Brass Hose Bibb, C	EA	1	0%	1
416			3/4" Dia HB-2: Hose Bibb (Schedule not given)	EA	1	0%	1
417			1/2" Dia OB-1: Outlet Box, SIOUX CHIEF 696-RG1011F, Fire-Rated Abs, Recess	EA	24	0%	24
418			1/2" Dia OB-3: Outlet Box, GUY GRAY SSDB1, (Drain Box) Provide Recessed S	EA	9	0%	9
			WATER HEATER				
419			TWH-1: Tankless Water Heater, LAARS LCTEN-063-S-D, Domestic Recovery Fl	EA	1	0%	1
420			TWH-2: Tankless Water Heater, LAARS LCTEN-063-S-D, Domestic Recovery Fl	EA	1	0%	1
			WATER HEATER DETAIL				
421			2" Dia Shutoff Valve	EA	5	0%	5
422			2" Dia Check Valve	EA	3	0%	3
423			2" Dia Union	EA	3	0%	3
424			2" Dia Calibrated Balancing Valve	EA	8	0%	8
425			2" Dia Vacuum Relief Valve	EA	1	0%	1
426			3" Thick Concrete Housekeeping Pad (Thickness assumed)	EA	2	0%	2
427			3/4" Dia Temperature And Pressure Relief Valve	EA	1	0%	1
428			Aquastat	EA	2	0%	2
429			Pressure Gauge	EA	2	0%	2
430			Temperature Gauge	EA	8	0%	8
			PUMP				
431			6" Dia BP-1: Booster Pump, GRUNDFOS HYDRO MPC-E 3CRE 45-2-2, (Triples	EA	1	0%	1
432			2" Dia RP-1: Recirculating Pump, GRUNDFOS MODEL: MAGNA3 32-120 F, (D	EA	1	0%	1
433			2" Dia RP-2: Recirculating Pump, GRUNDFOS MODEL: MAGNA3 32-120 F, (D	EA	1	0%	1
434			2" Dia RP-3: Recirculating Pump, GRUNDFOS MODEL: MAGNA3 32-100 F, (S	EA	1	0%	1
435			2" Dia RP-4: Recirculating Pump, GRUNDFOS MODEL: MAGNA3 32-100 F, (S	EA	1	0%	1
436			3" Dia ESP-1: Elevator Sump Pump, ZOELLER MODEL: G4294, (Simplex) Capa	EA	3	0%	3
			RECIRCULATION PUMP DETAIL				
437			2" Dia Gate Valve	EA	8	0%	8
438			2" Dia Check Valve	EA	4	0%	4
439			2" Dia Union Valve	EA	8	0%	8
440			2" Dia Gauge Cock	EA	4	0%	4
441			Aquastat	EA	4	0%	4
442			Temperature Gauge	EA	4	0%	4
			MISCELLANEOUS				
443			ST-1: Domestic Hot Water Storage Tank, AERCO DOMESTIC WATER STORA(	EA	1	0%	1
444			PET-1: Plumbing Expansion Tank, AMTROL THERM-X-TROL ST-20VC-DD, V	EA	1	0%	1
445			DHX-1: Domestic Hot Water Heat Exchanger, AERCO SMARTPLATE SPDW-E	EA	1	0%	1
446			DHX-2: Domestic Hot Water Heat Exchanger, AERCO MODEL: SMARTPLATE	EA	1	0%	1
447			DHX-3: Domestic Hot Water Heat Exchanger, AERCO MODEL: SMARTPLATE	EA	1	0%	1
448			WS-1: Water Softener System, NALCO ULTRASOFT LI-SERIES DUPLEX #011	EA	1	0%	1
449			HTCP-1.2: Heat Trace Cable System, NVENT RAYCHEM HEAT TRACE SYST	EA	1	0%	1
450			HTCP-1.3: Heat Trace Cable System, NVENT RAYCHEM HEAT TRACE SYST	EA	1	0%	1
451			HTCP-1.4: Heat Trace Cable System, NVENT RAYCHEM HEAT TRACE SYST	EA	1	0%	1
452			4" Dia VTR: Vent Through Roof	EA	8	0%	8
453			3/4" Dia Capped For Future	EA	1	0%	1
454			1-1/4" Dia Capped For Future	EA	2	0%	2
455			12"x12" Access Panel (Size assumed)	EA	547	0%	547
456			Trap Primer: PRECISION PLUMBING PRODUCTS	EA	5	0%	5
			CLEANOUTS & DRAINS				
457			3" Dia CO, Cleanout, ZURN Z-1440, (Line) Dura-Coated Cast Iron Ferrule And C	EA	5	0%	5
458			4" Dia CO, Cleanout, ZURN Z-1440, (Line) Dura-Coated Cast Iron Ferrule And C	EA	1	0%	1
459			8" Dia CO, Cleanout, ZURN Z-1440, (Line) Dura-Coated Cast Iron Ferrule And C	EA	1	0%	1
460			3" Dia WCO: Wall Cleanout, ZURN Z-1445, (Square) Dura-Coated Cast Iron Bod	EA	3	0%	3
461			4" Dia WCO: Wall Cleanout, ZURN Z-1445, (Square) Dura-Coated Cast Iron Bod	EA	22	0%	22
462			4" Dia GCO: Grade Cleanout: ZURN Z-1406	EA	18	0%	18
463			3" Dia FS-1: Floor Sink, ZURN Z1920-KC-2-11, 12" X 12" X 7" Deep Bottom Ou	EA	1	0%	1
464			4" Dia FS-1: Floor Sink, ZURN Z1920-KC-2-11, 12" X 12" X 7" Deep Bottom Ou	EA	1	0%	1
465			3" Dia FD-1: Floor Drain, ZURN ZN415S-P-VP, Coated Cast Iron, Bottom Outlet	EA	5	0%	5
466			4" Dia FD-2: Floor Drain, ZURN ZN415S-VP, Coated Cast Iron, Bottom Outlet Fl	EA	8	0%	8
467			3" Dia FD-3: Floor Drain, ZURN ZN415E-V, Coated Cast Iron, Bottom Outlet Flo	EA	7	0%	7
468			3" Dia FD: Floor Drain (Schedule not given)	EA	15	0%	15
469			4" Dia FD-4: Floor Drain (Schedule not given)	EA	2	0%	2
470			3" Dia OD-1: Overflow Roof Drain, ZURN ZC-100-ERC, (Bottom Outlet - Second	EA	4	0%	4
471			4" Dia OD-1: Overflow Roof Drain, ZURN ZC-100-ERC, (Bottom Outlet - Second	EA	20	0%	20
472			6" Dia OD-1: Overflow Roof Drain, ZURN ZC-100-ERC, (Bottom Outlet - Second	EA	1	0%	1
473			3" Dia RD-1: Roof Drain, ZURN ZC-100-ERC, (Primary) Main Roof Drain, Coate	EA	4	0%	4
474			4" Dia RD-1: Roof Drain, ZURN ZC-100-ERC, (Primary) Main Roof Drain, Coate	EA	20	0%	20
475			6" Dia RD-1: Roof Drain, ZURN ZC-100-ERC, (Primary) Main Roof Drain, Coate	EA	1	0%	1
476			4" Dia RD-2: Roof Drain, JOSAM #24700, (Side Outlet - Primary) Parapet Type R	EA	2	0%	2
477			6" Dia RD-2: Roof Drain, JOSAM #24700, (Side Outlet - Primary) Parapet Type R	EA	3	0%	3
478			6" Dia DS-1 Downspout Nozzle, ZURN Z-199-DC-VP, Down Spout Cover Shall I	EA	1	0%	1
479			8" Dia DS-1 Downspout Nozzle, ZURN Z-199-DC-VP, Down Spout Cover Shall I	EA	2	0%	2
480			10" Dia DS-1 Downspout Nozzle, ZURN Z-199-DC-VP, Down Spout Cover Shall	EA	2	0%	2
			SHOCK ABSORBERS				
481			3/4" Dia SA-A: Shock Absorber, PRECISION PLUMBING PRODUCTS SC-500A	EA	1	0%	1
482		**For Water Closet**	1-1/4" Dia SA-B: Shock Absorber, PRECISION PLUMBING PRODUCTS SC-75	EA	29	0%	29
483			2" Dia SA-C: Shock Absorber, PRECISION PLUMBING PRODUCTS SC-1000C	EA	2	0%	2
484		**For Water Closet**	1-1/4" Dia Shock Absorber (Tag not given)	EA	22	0%	22
			WATER HAMMER ARRESTORS (EACH FIXTURE)				
485			1/2" Dia Water Hammer Arrestor	EA	689	0%	689

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486			3/4" Dia Water Hammer Arrestor	EA	15	0%	15
487			1" Dia Water Hammer Arrestor	EA	2	0%	2
			VALVES				
488			1/2" Dia Ball Valve (For Each fixture)	EA	689	0%	689
489			3/4" Dia Ball Valve (For Each fixture)	EA	15	0%	15
490			1" Dia Ball Valve (For Each fixture)	EA	2	0%	2
491			1-1/4" Dia Ball Valve (For Each fixture)	EA	51	0%	51
492			2" Dia AAV: Air Admittance Valve	EA	1	0%	1
493			3" Dia Backwater Valve: ZURN Z-1090	EA	2	0%	2
494			1/2" Dia Ball Valve	EA	28	0%	28
495			3/4" Dia Ball Valve	EA	55	0%	55
496			1" Dia Ball Valve	EA	11	0%	11
497			1-1/4" Dia Ball Valve	EA	5	0%	5
498			1-1/2" Dia Ball Valve	EA	37	0%	37
499			2" Dia Ball Valve	EA	15	0%	15
500			3/4" Dia Check Valve	EA	55	0%	55
501			2" Dia Check Valve	EA	3	0%	3
502			4" Dia Check Valve	EA	1	0%	1
503			2-1/2" Dia Full Port Butterfly Valve With Service Access	EA	2	0%	2
504			4" Dia Full Port Butterfly Valve With Service Access	EA	4	0%	4
505			6" Dia Full Port Butterfly Valve With Service Access	EA	1	0%	1
506			3/4" Dia Thermostatic Balancing Valve (Tag not given)	EA	3	0%	3
507			1/2" Dia SV-1: Venturi Flow Splitter Valve With Service Access (Schedule not giv	EA	2	0%	2
508			3/4" Dia SV-1: Venturi Flow Splitter Valve With Service Access (Schedule not giv	EA	3	0%	3
509			1" Dia SV-1: Venturi Flow Splitter Valve With Service Access (Schedule not give	EA	4	0%	4
510			2" Dia DMV-1: Digital Mixing Valve, LEONARD NUCLEUS PROTON PNV-20	EA	1	0%	1
511			2" Dia DMV-2: Digital Mixing Valve, LEONARD NUCLEUS PROTON PNV-20	EA	1	0%	1
512			3/4" Dia BV-1: Thermostatic Balancing Valve, CALEFFI THERMOSETTER #11	EA	62	0%	62
513			2" Dia BV-2: Manual Balancing Valve, CALEFFI FLOW-SET #130900A, (Set To	EA	1	0%	1
514			1" Dia BFP-1: Backflow Preventer (Schedule not given)	EA	1	0%	1
515			1" Dia BFP: Backflow Preventer (Schedule not given)	EA	1	0%	1
			MEDICAL PIPING ACCESSORIES				
516			1/2" Dia Gas Shutoff Valve	EA	4	0%	4
517			3/4" Dia Gas Shutoff Valve	EA	6	0%	6
518			1" Dia Gas Shutoff Valve	EA	1	0%	1
519			1-1/4" Dia Gas Shutoff Valve	EA	1	0%	1
520			AAP-1	EA	1	0%	1
521			AVB-1	EA	3	0%	3
522			MGO-1	EA	8	0%	8
523			MGO-2	EA	2	0%	2
524			ZVB-1	EA	1	0%	1
			PVC COUPLING				
525			2" Dia	EA	41	0%	41
526			3" Dia	EA	23	0%	23
527			4" Dia	EA	108	0%	108
528			6" Dia	EA	51	0%	51
529			8" Dia	EA	19	0%	19
530			10" Dia	EA	10	0%	10
531			12" Dia	EA	3	0%	3
532			16" Dia	EA	10	0%	10
			NO-HUB COUPLING				
533			2" Dia	EA	3435	0%	3435
534			3" Dia	EA	1055	0%	1055
535			4" Dia	EA	1280	0%	1280
536			6" Dia	EA	325	0%	325
537			8" Dia	EA	43	0%	43
538			10" Dia	EA	12	0%	12
			PIPE SUPPORT				
539			1/2" Dia Adjustable Clevis Hanger	EA	1210	0%	1210
540			3/4" Dia Adjustable Clevis Hanger	EA	1060	0%	1060
541			1" Dia Adjustable Clevis Hanger	EA	492	0%	492
542			1-1/4" Dia Adjustable Clevis Hanger	EA	141	0%	141
543			1-1/2" Dia Adjustable Clevis Hanger	EA	271	0%	271
544			2" Dia Adjustable Clevis Hanger	EA	930	0%	930
545			2-1/2" Dia Adjustable Clevis Hanger	EA	4	0%	4
546			3" Dia Adjustable Clevis Hanger	EA	274	0%	274
547			4" Dia Adjustable Clevis Hanger	EA	317	0%	317
548			6" Dia Adjustable Clevis Hanger	EA	126	0%	126
549			8" Dia Adjustable Clevis Hanger	EA	13	0%	13
550			10" Dia Adjustable Clevis Hanger	EA	4	0%	4
551			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	3174	0%	3174
552			1/2" Dia Threaded Rod (1 Ea. = 1 FT)	EA	1525	0%	1525
553			5/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	143	0%	143
			TRENCHING & BACKFILLING				
554			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	10446	0%	10446

PATIENT BED TOWER
PLUMBING

MATERIAL LIST

Prepared for: Baptist Health South Florida, 8900 N. Kendall Dr, Miami FL 33176
Project ID: 3032026
Scope: Plumbing

USA ESTIMATORS
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Date: 6-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
			COLD WATER PIPE (ABOVE GRADE) (CUT LENGTH = 10 LF)				
			Type "L" Copper Pipe W/ Propress Fittings				
555			3/4" Dia Cold Water Pipe	EA	5	10%	6
556			4" Dia Cold Water Pipe	EA	47	10%	52
557			6" Dia Cold Water Pipe	EA	3	10%	3
		Assumed	**1/2" Thick Fiberglass Pipe Insulation**				
558			3/4" Dia Cold Water Pipe	EA	5	10%	6
559			4" Dia Cold Water Pipe	EA	47	10%	52
		Assumed	**1" Thick Fiberglass Pipe Insulation**				
560			6" Dia Cold Water Pipe	EA	3	10%	3
			COLD WATER PIPE FITTINGS				
			ELBOW				
561			3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	6	0%	6
562			4" Dia Cold Water Pipe 90 Deg Elbow	EA	1	0%	1
			TEE				
563			6" Dia Cold Water Pipe Tee	EA	1	0%	1
564			4" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2
565			6" / 4" Dia Cold Water Pipe Tee	EA	1	0%	1
			REDUCER				
566			6" / 4" Dia Cold Water Pipe Reducer	EA	2	0%	2
			WASTE PIPE (BELOW GRADE) (CUT LENGTH = 10 LF)				
			SCH 40 PVC Pipe W/ Fittings				
567			4" Dia Waste Pipe	EA	47	10%	52
568			6" Dia Waste Pipe	EA	13	10%	14
569			8" Dia Waste Pipe	EA	25	10%	28
570			12" Dia Waste Pipe	EA	14	10%	15
			WASTE PIPE FITTINGS				
			ELBOW				
571			4" Dia Waste Pipe 90 Deg Elbow	EA	15	0%	15
572			4" Dia Waste Pipe 45 Deg Elbow	EA	29	0%	29
573			6" Dia Waste Pipe 45 Deg Elbow	EA	4	0%	4
574			8" Dia Waste Pipe 45 Deg Elbow	EA	2	0%	2
575			12" Dia Waste Pipe 45 Deg Elbow	EA	3	0%	3
			WYE				
576			4" Dia Waste Pipe Wye	EA	1	0%	1
577			8" Dia Waste Pipe Wye	EA	1	0%	1
578			12" Dia Waste Pipe Wye	EA	1	0%	1
579			6" / 4" Dia Waste Pipe Wye	EA	3	0%	3
580			8" / 4" Dia Waste Pipe Wye	EA	13	0%	13
581			12" / 4" Dia Waste Pipe Wye	EA	3	0%	3
582			12" / 8" Dia Waste Pipe Wye	EA	1	0%	1
			REDUCER				
583			6" / 4" Dia Waste Pipe Reducer	EA	1	0%	1
584			8" / 4" Dia Waste Pipe Reducer	EA	1	0%	1
585			8" / 6" Dia Waste Pipe Reducer	EA	2	0%	2
586			12" / 4" Dia Waste Pipe Reducer	EA	1	0%	1
587			12" / 8" Dia Waste Pipe Reducer	EA	1	0%	1
			WASTE PIPE (ABOVE GRADE) (CUT LENGTH = 10 LF)				
			No-Hub Cast Iron Pipe W/ Fittings				
588			4" Dia Waste Pipe	EA	46	10%	51
			WASTE PIPE FITTINGS				
			ELBOW				
589			4" Dia Waste Pipe 90 Deg Elbow	EA	9	10%	10
590			4" Dia Waste Pipe 45 Deg Elbow	EA	9	10%	10
			WYE				
591			4" Dia Waste Pipe Wye	EA	9	0%	9
			REDUCER				
592			4" / 3" Dia Waste Pipe Reducer	EA	8	0%	8
			GREASE WASTE PIPE (BELOW GRADE) (CUT LENGTH = 10 LF)				
			No-Hub Cast Iron Pipe W/ Fittings				
593			4" Dia Grease Waste Pipe	EA	38	10%	42
			GREASE WASTE PIPE FITTINGS				
			ELBOW				
594			4" Dia Grease Waste Pipe 45 Deg Elbow	EA	11	0%	11
			WYE				
595			4" Dia Grease Waste Pipe Wye	EA	1	0%	1
			VENT PIPE (ABOVE GRADE) (CUT LENGTH = 10 LF)				
			No-Hub Cast Iron Pipe W/ Fittings				
596			3" Dia Vent Pipe	EA	65	10%	72
			VENT PIPE FITTINGS				
			ELBOW				
597			3" Dia Vent Pipe 90 Deg Elbow	EA	24	0%	24
			TEE				
598			3" Dia Vent Pipe Tee	EA	8	0%	8
			REDUCER				
599			4" / 3" Dia Vent Pipe Reducer	EA	8	0%	8
			STORM DRAIN PIPE (BELOW GRADE) (CUT LENGTH = 10 LF)				
			SCH 40 PVC Pipe W/ Fittings				
600			4" Dia Storm Drain Pipe	EA	3	10%	3
601			6" Dia Storm Drain Pipe	EA	4	10%	4
602			8" Dia Storm Drain Pipe	EA	22	10%	24
603			10" Dia Storm Drain Pipe	EA	13	10%	14
604			12" Dia Storm Drain Pipe	EA	4	10%	4
605			14" Dia Storm Drain Pipe	EA	12	10%	13
606			36" Dia Storm Drain Pipe	EA	17	10%	19
			STORM DRAIN PIPE FITTINGS				
			ELBOW				
607			4" Dia Storm Drain Pipe 90 Deg Elbow	EA	1	0%	1
608			6" Dia Storm Drain Pipe 90 Deg Elbow	EA	2	0%	2
609			8" Dia Storm Drain Pipe 90 Deg Elbow	EA	4	0%	4
610			10" Dia Storm Drain Pipe 90 Deg Elbow	EA	1	0%	1
611			4" Dia Storm Drain Pipe 45 Deg Elbow	EA	8	0%	8
612			6" Dia Storm Drain Pipe 45 Deg Elbow	EA	2	0%	2

MATERIAL LIST

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Project ID: 3032026
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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
613			8" Dia Storm Drain Pipe 45 Deg Elbow	EA	13	0%	13
614			10" Dia Storm Drain Pipe 45 Deg Elbow	EA	5	0%	5
615			14" Dia Storm Drain Pipe 45 Deg Elbow	EA	4	0%	4
616			36" Dia Storm Drain Pipe 45 Deg Elbow	EA	1	0%	1
			WYE				
617			4" Dia Storm Drain Pipe Wye	EA	1	0%	1
618			8" Dia Storm Drain Pipe Wye	EA	1	0%	1
619			14" Dia Storm Drain Pipe Wye	EA	1	0%	1
620			36" Dia Storm Drain Pipe Wye	EA	1	0%	1
621			6" / 4" Dia Storm Drain Pipe Wye	EA	1	0%	1
622			10" / 4" Dia Storm Drain Pipe Wye	EA	3	0%	3
623			10" / 6" Dia Storm Drain Pipe Wye	EA	1	0%	1
624			10" / 8" Dia Storm Drain Pipe Wye	EA	1	0%	1
625			12" / 4" Dia Storm Drain Pipe Wye	EA	3	0%	3
626			12" / 10" Dia Storm Drain Pipe Wye	EA	1	0%	1
627			14" / 12" Dia Storm Drain Pipe Wye	EA	1	0%	1
			REDUCER				
628			8" / 6" Dia Storm Drain Pipe Reducer	EA	1	0%	1
629			10" / 8" Dia Storm Drain Pipe Reducer	EA	1	0%	1
630			12" / 8" Dia Storm Drain Pipe Reducer	EA	1	0%	1
631			14" / 4" Dia Storm Drain Pipe Reducer	EA	1	0%	1
632			14" / 6" Dia Storm Drain Pipe Reducer	EA	1	0%	1
633	P-1250A, P-1250B, P-1250C, P-1251A, P-1251B, P-1251C, P-1252A, P-1252B, P-1252C, P-1253A, P-1253B, P-1253C, P-1254A, P-1254B, P-1254C, P-1255A, P-1255B, P-1255C, P-1256A, P-1256B, P-1256C, P-1351A, P-1351B & P-1351C		36" / 14" Dia Storm Drain Pipe Reducer	EA	1	0%	1
			STORM DRAIN PIPE (ABOVE GRADE) (CUT LENGTH = 10 LF)				
			No-Hub Cast Iron Pipe W/ Fittings				
634			4" Dia Storm Drain Pipe	EA	20	10%	22
635			6" Dia Storm Drain Pipe	EA	88	10%	97
636			8" Dia Storm Drain Pipe	EA	37	10%	41
637			10" Dia Storm Drain Pipe	EA	6	10%	7
			STORM DRAIN PIPE FITTINGS				
			ELBOW				
638			4" Dia Storm Drain Pipe 90 Deg Elbow	EA	5	0%	5
639			6" Dia Storm Drain Pipe 90 Deg Elbow	EA	15	0%	15
640			8" Dia Storm Drain Pipe 90 Deg Elbow	EA	9	0%	9
641			10" Dia Storm Drain Pipe 90 Deg Elbow	EA	1	0%	1
642			4" Dia Storm Drain Pipe 45 Deg Elbow	EA	11	0%	11
643			6" Dia Storm Drain Pipe 45 Deg Elbow	EA	29	0%	29
644			8" Dia Storm Drain Pipe 45 Deg Elbow	EA	14	0%	14
645			10" Dia Storm Drain Pipe 45 Deg Elbow	EA	2	0%	2
			WYE				
646			6" Dia Storm Drain Pipe Wye	EA	3	0%	3
647			8" Dia Storm Drain Pipe Wye	EA	1	0%	1
648			6" / 4" Dia Storm Drain Pipe Wye	EA	2	0%	2
649			8" / 6" Dia Storm Drain Pipe Wye	EA	5	0%	5
650			10" / 6" Dia Storm Drain Pipe Wye	EA	2	0%	2
			REDUCER				
651			6" / 4" Dia Storm Drain Pipe Reducer	EA	2	0%	2
652			8" / 4" Dia Storm Drain Pipe Reducer	EA	1	0%	1
653			8" / 6" Dia Storm Drain Pipe Reducer	EA	4	0%	4
654			10" / 6" Dia Storm Drain Pipe Reducer	EA	1	0%	1
			OVERFLOW DRAIN PIPE (ABOVE GRADE) (CUT LENGTH = 10 LF)				
			No-Hub Cast Iron Pipe W/ Fittings				
655			4" Dia Storm Drain Overflow Pipe	EA	20	10%	22
656			6" Dia Storm Drain Overflow Pipe	EA	92	10%	101
657			8" Dia Storm Drain Overflow Pipe	EA	52	10%	57
658			10" Dia Storm Drain Overflow Pipe	EA	11	10%	12
			STORM DRAIN OVERFLOW PIPE FITTINGS				
			ELBOW				
659			4" Dia Storm Drain Overflow Pipe 90 Deg Elbow	EA	5	0%	5
660			6" Dia Storm Drain Overflow Pipe 90 Deg Elbow	EA	18	0%	18
661			8" Dia Storm Drain Overflow Pipe 90 Deg Elbow	EA	9	0%	9
662			10" Dia Storm Drain Overflow Pipe 90 Deg Elbow	EA	2	0%	2
663			4" Dia Storm Drain Overflow Pipe 45 Deg Elbow	EA	10	0%	10
664			6" Dia Storm Drain Overflow Pipe 45 Deg Elbow	EA	33	0%	33
665			8" Dia Storm Drain Overflow Pipe 45 Deg Elbow	EA	21	0%	21
666			10" Dia Storm Drain Overflow Pipe 45 Deg Elbow	EA	2	0%	2
			WYE				
667			6" Dia Storm Drain Overflow Pipe Wye	EA	3	0%	3
668			8" Dia Storm Drain Overflow Pipe Wye	EA	2	0%	2
669			6" / 4" Dia Storm Drain Overflow Pipe Wye	EA	2	0%	2
670			8" / 6" Dia Storm Drain Overflow Pipe Wye	EA	6	0%	6
671			10" / 6" Dia Storm Drain Overflow Pipe Wye	EA	2	0%	2
			REDUCER				
672			6" / 4" Dia Storm Drain Overflow Pipe Reducer	EA	2	0%	2
673			8" / 4" Dia Storm Drain Overflow Pipe Reducer	EA	1	0%	1
674			8" / 6" Dia Storm Drain Overflow Pipe Reducer	EA	6	0%	6
675			10" / 8" Dia Storm Drain Overflow Pipe Reducer	EA	1	0%	1
			PUMP DISCHARGE PIPE (BELOW GRADE) (CUT LENGTH = 10 LF)				
			SCH 40 PVC Pipe W/ Fittings				
676			3" Dia Pump Discharge Pipe	EA	3	10%	3
			PUMP DISCHARGE PIPE FITTINGS				
			ELBOW				
677			3" Dia Pump Discharge Pipe 90 Deg Elbow	EA	4	0%	4
			PUMP DISCHARGE PIPE (ABOVE GRADE) (CUT LENGTH = 10 LF)				
			No-Hub Cast Iron Pipe W/ Fittings				
678			3" Dia Pump Discharge Pipe	EA	11	10%	12
			PUMP DISCHARGE PIPE FITTINGS				
			ELBOW				
679			3" Dia Pump Discharge Pipe 90 Deg Elbow	EA	3	0%	3
			PUMP				
680			ESP-1: Elevator Sump Pump, ZOELLER G4294, Simplex. Capacity 100 GPM At	EA	3	0%	3
			MISCELLANEOUS				
681			3/4" Dia WH-1: Wall Hydrant, Loose Key Handle Enclosed Freeze Proof. Freeze P	EA	2	0%	2

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
682			8" Dia DS-1: Downspout Nozzle, ZURN Z-199-DC-VP, Cover. Downspout Cover	EA	3	0%	3
683			10" Dia DS-1: Downspout Nozzle, ZURN Z-199-DC-VP, Cover. Downspout Cove	EA	1	0%	1
684			4" Dia End Cap	EA	3	0%	3
685			4" Dia Vent Through Roof	EA	8	0%	8
686			4" Dia x 2" Cellular Glass Insulation, For Heat Trace (CUT LENGTH = 10 LF)	EA	38	0%	38
687			HT-1.4: Heat Trace Cable, NVENT RAYCHEM XL-TRACE EDGE 5XLE2-CT,	EA	350	0%	350
688			HT-1.5: Heat Trace Cable, NVENT RAYCHEM XL-TRACE EDGE 5XLE2-CT,	EA	400	0%	400
689			HTCP-1.5: Control Panel, C910-485, For Heat Trace	EA	1	0%	1
			CLEANOUTS & DRAINS				
690			4" Dia OD-1: Overflow Roof Drain, ZURN ZC-100-ERC, Bottom Outlet Secondar	EA	5	0%	5
691			4" Dia RD-1: Roof Drain, ZURN ZC-100-ERC. Main Roof Drain, Coated Cast Iro	EA	5	0%	5
692			4" Dia WCO-1: Wall Cleanout, ZURN Z-1445, Square. DURA-COATED Cast Iro	EA	9	0%	9
693			6" Dia OD-1: Overflow Roof Drain, ZURN ZC-100-ERC, Bottom Outlet Secondar	EA	16	0%	16
694			6" Dia RD-1: Roof Drain, ZURN ZC-100-ERC. Main Roof Drain, Coated Cast Iro	EA	16	0%	16
695			4" Dia Floor Cleanout	EA	13	0%	13
696			4" Dia Two Way Grade Cleanout	EA	10	0%	10
697			6" Dia Cleanout	EA	2	0%	2
			VALVES				
698			3/4" Dia Ball Valve	EA	2	0%	2
			PVC COUPLING				
699			3" Dia	EA	3	0%	3
700			4" Dia	EA	50	0%	50
701			6" Dia	EA	18	0%	18
702			8" Dia	EA	47	0%	47
703			10" Dia	EA	13	0%	13
704			12" Dia	EA	19	0%	19
705			14" Dia	EA	12	0%	12
706			36" Dia	EA	17	0%	17
			NO-HUB COUPLING				
707			3" Dia	EA	94	0%	94
708			4" Dia	EA	176	0%	176
709			6" Dia	EA	246	0%	246
710			8" Dia	EA	150	0%	150
711			10" Dia	EA	24	0%	24
			PIPE SUPPORT				
712			3/4" Dia Adjustable Clevis Hanger	EA	8	0%	8
713			3" Dia Adjustable Clevis Hanger	EA	74	0%	74
714			4" Dia Adjustable Clevis Hanger	EA	132	0%	132
715			6" Dia Adjustable Clevis Hanger	EA	182	0%	182
716			8" Dia Adjustable Clevis Hanger	EA	88	0%	88
717			10" Dia Adjustable Clevis Hanger	EA	16	0%	16
718			3/8" Dia Threaded Rod (1 EA = 1 FT)	EA	8	0%	8
719			1/2" Dia Threaded Rod (1 EA = 1 FT)	EA	206	0%	206
720			5/8" Dia Threaded Rod (1 EA = 1 FT)	EA	286	0%	286
			CENTRAL ENERGY PLANT				
			PLUMBING				
			FUEL OIL SUPPLY PIPE (ABOVE GRADE) (CUT LENGTH = 10 LF)				
			SCH 40 Black Steel Pipe W/ Fittings				
721			1-1/2" Dia Fuel Oil Supply Pipe	EA	42	10%	46
722			2" Dia Fuel Oil Supply Pipe	EA	3	10%	3
			FUEL OIL SUPPLY PIPE FITTINGS				
			ELBOW				
723			1-1/2" Dia Fuel Oil Supply Pipe 90 Deg Elbow	EA	15	0%	15
724			2" Dia Fuel Oil Supply Pipe 90 Deg Elbow	EA	1	0%	1
			TEE				
725			1-1/2" Dia Fuel Oil Supply Pipe Tee	EA	4	0%	4
726			2" Dia Fuel Oil Supply Pipe Tee	EA	1	0%	1
			FUEL OIL RETURN PIPE (ABOVE GRADE) (CUT LENGTH = 10 LF)				
			SCH 40 Black Steel Pipe W/ Fittings				
727			2" Dia Fuel Oil Return Pipe	EA	42	10%	46
			FUEL OIL RETURN PIPE FITTINGS				
			ELBOW				
728			2" Dia Fuel Oil Return Pipe 90 Deg Elbow	EA	15	0%	15
			TEE				
729			2" Dia Fuel Oil Return Pipe Tee	EA	4	0%	4
			VENT PIPE (ABOVE GRADE) (CUT LENGTH = 10 LF)				
			No-Hub Cast Iron Pipe W/ Fittings				
730	P-2001		3" Dia Vent Pipe	EA	9	10%	10
			VENT PIPE FITTINGS				
			ELBOW				
731			3" Dia Vent Pipe 90 Deg Elbow	EA	3	0%	3
			TEE				
732			3" Dia Vent Pipe Tee	EA	1	0%	1
			MISCELLANEOUS				
733			1-1/2" Dia End Cap	EA	1	0%	1
734			2" Dia End Cap	EA	1	0%	1
735			3" Dia Vent Through Roof	EA	1	0%	1
736			Day Tank	EA	1	0%	1
737		For Future	Day Tank	EA	1	0%	1
			NO-HUB COUPLING				
738			3" Dia	EA	9	0%	9

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
			PIPE SUPPORT				
739			1-1/2" Dia Adjustable Clevis Hanger	EA	42	0%	42
740			2" Dia Adjustable Clevis Hanger	EA	44	0%	44
741			3" Dia Adjustable Clevis Hanger	EA	8	0%	8
742			1/2" Dia Threaded Rod (1 EA = 1 FT)	EA	94	0%	94
			UTILITIES				
			PIPING				
			FUEL OIL SUPPLY PIPE (BELOW GRADE) (CUT LENGTH = 10 LF)				
			SCH 40 Black Steel Pipe W/ Fittings				
743			2" Dia Fuel Oil Supply Pipe	EA	4	10%	4
	PS-1001		**FUEL OIL SUPPLY PIPE FITTINGS**				
			ELBOW				
744			2" Dia Fuel Oil Supply Pipe 90 Deg Elbow	EA	1	0%	1
			MISCELLANEOUS				
745			Underground Fuel Oil Storage Tank, 20,000 GAL	EA	1	0%	1
			SITE				
			UTILITIES				
			PIPING				
			COLD WATER PIPE (BELOW GRADE) (CUT LENGTH = 10 LF)				
			Type "K" Copper Pipe				
746			6" Dia Cold Water Pipe	EA	2	10%	2
			WASTE PIPE (BELOW GRADE) (CUT LENGTH = 10 LF)				
			SCH 40 PVC Pipe				
747			4" Dia Waste Pipe	EA	2	10%	2
748			6" Dia Waste Pipe	EA	8	10%	9
749			8" Dia Waste Pipe	EA	4	10%	4
750			12" Dia Waste Pipe	EA	2	10%	2
			GREASE WASTE PIPE (BELOW GRADE) (CUT LENGTH = 10 LF)				
			No-Hub Cast Iron Pipe				
751			4" Dia Grease Waste Pipe	EA	2	10%	2
			STORM DRAIN PIPE (BELOW GRADE) (CUT LENGTH = 10 LF)				
			SCH 40 PVC Pipe				
752			10" Dia Storm Drain Pipe	EA	4	10%	4
753			12" Dia Storm Drain Pipe	EA	2	10%	2
754			16" Dia Storm Drain Pipe	EA	1	10%	1
755			32" Dia Storm Drain Pipe	EA	2	10%	2
			MEDICAL COMPRESSED AIR PIPE (BELOW GRADE) (CUT LENGTH = 10 LF)				
			SCH 40 Black Steel Pipe W/ Fittings				
756			1-1/2" Dia Medical Compressed Air Pipe	EA	33	10%	36
			MEDICAL COMPRESSED AIR PIPE FITTINGS				
			ELBOW				
757			1-1/2" Dia Medical Compressed Air Pipe 90 Deg Elbow	EA	3	0%	3
			OXYGEN PIPE (BELOW GRADE) (CUT LENGTH = 10 LF)				
			SCH 40 Black Steel Pipe W/ Fittings				
758			1-1/2" Dia Oxygen Pipe	EA	33	10%	36
	PD-1000 & PS-1000		**OXYGEN PIPE FITTINGS**				
			ELBOW				
759			1-1/2" Dia Oxygen Pipe 90 Deg Elbow	EA	3	0%	3
			MEDICAL VACUUM PIPE (BELOW GRADE) (CUT LENGTH = 10 LF)				
			SCH 40 Black Steel Pipe W/ Fittings				
760			2" Dia Medical Vacuum Pipe	EA	33	10%	36
			MEDICAL VACUUM PIPE FITTINGS				
			ELBOW				
761			2" Dia Medical Vacuum Pipe 90 Deg Elbow	EA	3	0%	3
			MISCELLANEOUS				
762			GI-1: Grease Interceptor, SCHIER PRODUCTS GB-1500, Below Grade. Flow Ra	EA	1	0%	1
763			SI-1: Solids Interceptor, SCHIER PRODUCTS SI-250, Below Grade. Flow Rate 1	EA	1	0%	1
764			SPP-1: Sampling Port, SCHIER PRODUCTS SV24-L-C24HP, Below Grade. Weig	EA	1	0%	1
765			3/4" Dia End Cap	EA	4	0%	4
766			1" Dia End Cap	EA	1	0%	1
767			2-1/2" Dia End Cap	EA	1	0%	1
768			4" Dia x 2" Cellular Glass Insulation, For Heat Trace (CUT LENGTH = 10 LF)	EA	2	0%	2
769			HT-1.1: Heat Trace Cable, NVENT RAYCHEM XL-TRACE EDGE 5XLE2-CT,	EA	40	0%	40
770			HTCP-1.1: Control Panel, C910-485, For Heat Trace	EA	1	10%	1
			PVC COUPLING				
771			4" Dia	EA	2	0%	2
772			6" Dia	EA	8	0%	8
773			8" Dia	EA	4	0%	4
774			10" Dia	EA	4	0%	4
775			12" Dia	EA	4	0%	4
776			16" Dia	EA	1	0%	1
777			32" Dia	EA	2	0%	2