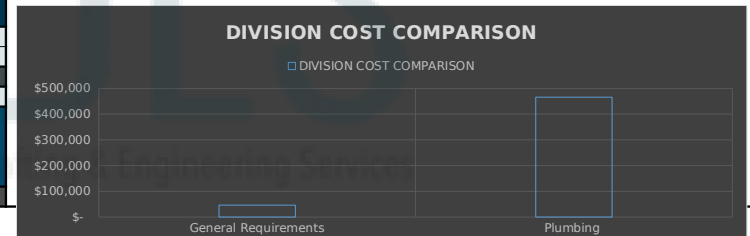


GENERAL SUMMARY

Prepared for: Honda Center West Restaurant #2 TI 2635 E. Katella AVE. Anaheim, CA 92806
Project ID: 15012026
Scope: Plumbing
No. Of Floors: 1
Date: 23-Sep-26



BUILDING GSF		3,796	
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	\$ 46,300	\$ 12
22000	Plumbing	\$ 465,638	\$ 123
TOTAL TRADE COST		\$ 511,938	\$ 135
OVERHEAD AND PROFIT			
	20%	\$ 102,388	\$ 26.97
INSURANCE	3%	\$ 15,358	\$ 4
CONTINGENCY	5%	\$ 25,597	\$ 7
TAX	8%	\$ 20,353	\$ 10
SUGGESTED BID		\$ 675,633	\$ 183



Prepared for: Honda Center West Restaurant #2 TI 2635 E. Katella AVE. Anaheim, CA 92806

Project ID: 15012026

DETAILED BREAKDOWN OF ITEMS



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
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DETAILED BREAKDOWN OF ITEMS

Prepared for: Honda Center West Restaurant #2 T1 2635 E. Katella AVE. Anaheim, CA 92806
 Project ID: 15012026
 Scope: Plumbing



Date: 23-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
97			1-1/2" / 1" Dia Hot Water Pipe Tee	EA	1	0%	1	0.750	\$ 80.00	\$ 60.00	\$ 63.00	\$ 123.00	\$ 123.00
98			2" / 1-1/2" Dia Hot Water Pipe Tee	EA	2	0%	2	0.857	\$ 80.00	\$ 68.58	\$ 100.00	\$ 168.58	\$ 337.16
99			2" / 1-1/4" Dia Hot Water Pipe Tee	EA	1	0%	1	0.857	\$ 80.00	\$ 68.58	\$ 100.00	\$ 168.58	\$ 168.58
100			2" / 1-1/2" Dia Hot Water Pipe Tee	EA	1	0%	1	0.857	\$ 80.00	\$ 68.58	\$ 100.00	\$ 168.58	\$ 168.58
			REDUCER										
101			3/4" / 1/2" Dia Hot Water Pipe Reducer	EA	8	0%	8	0.500	\$ 80.00	\$ 40.02	\$ 20.00	\$ 60.02	\$ 480.16
102			1" / 1/2" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.600	\$ 80.00	\$ 48.00	\$ 34.00	\$ 82.00	\$ 82.00
103			1" / 3/4" Dia Hot Water Pipe Reducer	EA	3	0%	3	0.600	\$ 80.00	\$ 48.00	\$ 34.00	\$ 82.00	\$ 246.00
104			1-1/4" / 1" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.667	\$ 80.00	\$ 53.34	\$ 57.00	\$ 110.34	\$ 110.34
105			1-1/2" / 1/2" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.750	\$ 80.00	\$ 60.00	\$ 86.00	\$ 146.00	\$ 146.00
106			1-1/2" / 3/4" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.750	\$ 80.00	\$ 60.00	\$ 86.00	\$ 146.00	\$ 146.00
107			1-1/2" / 1-1/4" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.750	\$ 80.00	\$ 60.00	\$ 86.00	\$ 146.00	\$ 146.00
108			2" / 1-1/4" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.857	\$ 80.00	\$ 68.58	\$ 149.80	\$ 218.38	\$ 218.38
109			2" / 1-1/2" Dia Hot Water Pipe Reducer	EA	1	0%	1	0.857	\$ 80.00	\$ 68.58	\$ 149.80	\$ 218.38	\$ 218.38
			HOT WATER RETURN PIPE (BELOW GRADE)										
			Type "K" Soft Annealed Copper Pipe										
110			1/2" Dia Hot Water Return Pipe	LF	27	10%	29	0.077	\$ 80.00	\$ 6.18	\$ 4.25	\$ 10.43	\$ 304.49
			HOT WATER RETURN PIPE FITTINGS										
			ELBOW										
111			1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	6	0%	6	0.300	\$ 80.00	\$ 24.00	\$ 4.11	\$ 28.11	\$ 168.65
112			1/2" Dia Hot Water Return Pipe 45 Deg Elbow	EA	1	0%	1	0.300	\$ 80.00	\$ 24.00	\$ 6.12	\$ 30.12	\$ 30.12
			HOT WATER RETURN PIPE (ABOVE GRADE)										
			Type "L" Hard Drawn Copper Pipe										
113			1/2" Dia Hot Water Return Pipe	LF	343	10%	378	0.07	\$ 80.00	\$ 5.92	\$ 2.55	\$ 8.47	\$ 3,198.62
114			3/4" Dia Hot Water Return Pipe	LF	52	10%	57	0.08	\$ 80.00	\$ 6.32	\$ 4.70	\$ 11.02	\$ 627.31
115			1" Dia Hot Water Return Pipe	LF	69	10%	76	0.09	\$ 80.00	\$ 7.12	\$ 6.10	\$ 13.22	\$ 1,007.40
116			1-1/4" Dia Hot Water Return Pipe	LF	61	10%	67	0.10	\$ 80.00	\$ 8.32	\$ 10.78	\$ 19.10	\$ 1,286.02
	Assumed		1" Thick Elastomeric Insulation										
117			1/2" Dia Hot Water Return Pipe	LF	343	10%	378	0.03	\$ 80.00	\$ 2.16	\$ 2.10	\$ 4.26	\$ 1,608.75
118			3/4" Dia Hot Water Return Pipe	LF	52	10%	57	0.03	\$ 80.00	\$ 2.16	\$ 2.10	\$ 4.26	\$ 242.50
119			1" Dia Hot Water Return Pipe	LF	69	10%	76	0.03	\$ 80.00	\$ 2.16	\$ 2.10	\$ 4.26	\$ 323.33
120			1-1/4" Dia Hot Water Return Pipe	LF	61	10%	67	0.03	\$ 80.00	\$ 2.16	\$ 2.10	\$ 4.26	\$ 286.83
			HOT WATER RETURN PIPE FITTINGS										
			ELBOW										
121			1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	44	0%	44	0.300	\$ 80.00	\$ 24.00	\$ 4.11	\$ 28.11	\$ 1,236.77
122			1" Dia Hot Water Return Pipe 90 Deg Elbow	EA	3	0%	3	0.375	\$ 80.00	\$ 30.00	\$ 13.45	\$ 43.45	\$ 130.35
123			1-1/4" Dia Hot Water Return Pipe 90 Deg Elbow	EA	2	0%	2	0.400	\$ 80.00	\$ 31.98	\$ 19.95	\$ 51.93	\$ 103.86
124			1-1/4" Dia Hot Water Return Pipe 90 Deg Elbow	EA	1	0%	1	0.400	\$ 80.00	\$ 31.98	\$ 19.95	\$ 51.93	\$ 51.93
125			1/2" Dia Hot Water Return Pipe 45 Deg Elbow	EA	3	0%	3	0.300	\$ 80.00	\$ 24.00	\$ 4.11	\$ 28.11	\$ 84.33
126			3/4" Dia Hot Water Return Pipe 45 Deg Elbow	EA	2	0%	2	0.316	\$ 80.00	\$ 25.26	\$ 8.91	\$ 34.17	\$ 68.34
			TEE										
127			1/2" Dia Hot Water Return Pipe Tee	EA	13	0%	13	0.461	\$ 80.00	\$ 36.90	\$ 6.80	\$ 43.70	\$ 568.07
128			1" Dia Hot Water Return Pipe Tee	EA	1	0%	1	0.600	\$ 80.00	\$ 48.00	\$ 26.00	\$ 74.00	\$ 74.00
129			3/4" / 1/2" Dia Hot Water Return Pipe Tee	EA	5	0%	5	0.500	\$ 80.00	\$ 40.02	\$ 14.25	\$ 54.27	\$ 271.35
130			1" / 1/2" Dia Hot Water Return Pipe Tee	EA	3	0%	3	0.600	\$ 80.00	\$ 48.00	\$ 26.00	\$ 74.00	\$ 222.00
131			1" / 3/4" Dia Hot Water Return Pipe Tee	EA	1	0%	1	0.600	\$ 80.00	\$ 48.00	\$ 26.00	\$ 74.00	\$ 74.00
132			1-1/4" / 1/2" Dia Hot Water Return Pipe Tee	EA	1	0%	1	0.667	\$ 80.00	\$ 53.34	\$ 57.00	\$ 94.84	\$ 94.84
			REDUCER										
133			3/4" / 1/2" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	0.500	\$ 80.00	\$ 40.02	\$ 20.00	\$ 60.02	\$ 60.02
134			1" / 1/2" Dia Hot Water Return Pipe Reducer	EA	2	0%	2	0.600	\$ 80.00	\$ 48.00	\$ 34.00	\$ 82.00	\$ 164.00
135			1-1/4" / 1" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	0.667	\$ 80.00	\$ 53.34	\$ 57.00	\$ 110.34	\$ 110.34
136			1-1/4" / 1" Dia Hot Water Return Pipe Reducer	EA	1	0%	1	0.667	\$ 80.00	\$ 53.34	\$ 57.00	\$ 110.34	\$ 110.34
			FILTERED WATER PIPE (ABOVE GRADE)										
			Type "L" Hard Drawn Copper Pipe										
137			1/2" Dia Filtered Water Pipe	LF	41	10%	45	0.07	\$ 80.00	\$ 5.92	\$ 2.55	\$ 8.47	\$ 385.16
138			3/4" Dia Filtered Water Pipe	LF	121	10%	133	0.08	\$ 80.00	\$ 6.32	\$ 4.70	\$ 11.02	\$ 1,462.40
	Assumed		1/2" Thick Elastomeric Insulation										
139			1/2" Dia Filtered Water Pipe	LF	41	10%	45	0.03	\$ 80.00	\$ 2.00	\$ 1.85	\$ 3.85	\$ 175.07
140			3/4" Dia Filtered Water Pipe	LF	121	10%	133	0.03	\$ 80.00	\$ 2.00	\$ 1.85	\$ 3.85	\$ 510.91
			FILTERED WATER PIPE FITTINGS										
			ELBOW										
141			1/2" Dia Filtered Water Pipe 90 Deg Elbow	EA	26	0%	26	0.300	\$ 80.00	\$ 24.00	\$ 4.11	\$ 28.11	\$ 730.82
142			3/4" Dia Filtered Water Pipe 90 Deg Elbow	EA	28	0%	28	0.316	\$ 80.00	\$ 25.26	\$ 8.91	\$ 34.17	\$ 956.76
			TEE										
143			3/4" / 1/2" Dia Filtered Water Pipe Tee	EA	4	0%	4	0.500	\$ 80.00	\$ 40.02	\$ 14.25	\$ 54.27	\$ 217.08
			REDUCER										
144			3/4" / 1/2" Dia Filtered Water Pipe Reducer	EA	2	0%	2	0.500	\$ 80.00	\$ 40.02	\$ 20.00	\$ 60.02	\$ 120.04
			NON-PORTABLE WATER PIPE (ABOVE GRADE)										
			Type "L" Hard Drawn Copper Pipe										
145			1/2" Dia Non-Portable Water Pipe	LF	9	10%	10	0.07	\$ 80.00	\$ 5.92	\$ 2.55	\$ 8.47	\$ 82.18
146			3/4" Dia Non-Portable Water Pipe	LF	15	10%	16	0.08	\$ 80.00	\$ 6.32	\$ 4.70	\$ 11.02	\$ 177.83
147			1-1/4" Dia Non-Portable Water Pipe	LF	10	10%	11	0.10	\$ 80.00	\$ 8.32	\$ 10.78	\$ 19.10	\$ 205.27
148			1-1/2" Dia Non-Portable Water Pipe	LF	23	10%	25	0.12	\$ 80.00	\$ 9.28	\$ 13.68	\$ 22.96	\$ 572.81
	Assumed		1/2" Thick Elastomeric Insulation										
149			1/2" Dia Non-Portable Water Pipe	LF	9	10%	10	0.03	\$ 80.00	\$ 2.00	\$ 1.85	\$ 3.85	\$ 37.35
150			3/4" Dia Non-Portable Water Pipe	LF	15	10%	16	0.03	\$ 80.00	\$ 2.00	\$ 1.85	\$ 3.85	\$ 62.13
151			1-1/4" Dia Non-Portable Water Pipe	LF	10	10%	11	0.03	\$ 80.00	\$ 2.00	\$ 1.85	\$ 3.85	\$ 41.38
152			1-1/2" Dia Non-Portable Water Pipe	LF	23	10%	25	0.03	\$ 80.00	\$ 2.00	\$ 1.85	\$ 3.85	\$ 96.05
			NON-PORTABLE WATER PIPE FITTINGS										
			ELBOW										
153			1/2" Dia Non-Portable Water Pipe 90 Deg Elbow	EA	2	0%	2	0.300	\$ 80.00	\$ 24.00	\$ 4.11	\$ 28.11	\$ 56.22
154			3/4" Dia Non-Portable Water Pipe 90 Deg Elbow	EA	3	0%	3	0.316	\$ 80.00	\$ 25.26	\$ 8.91	\$ 34.17	\$ 102.51
155			1-1/2" Dia Non-Portable Water Pipe 90 Deg Elbow	EA	3	0%	3	0.461	\$ 80.00	\$ 36.90	\$ 31.00	\$ 67.90	\$ 203.70
			TEE										
156			1-1/4" / 1/2" Dia Non-Portable Water Pipe Tee	EA	1	0%	1	0.667	\$ 80.00	\$ 53.34	\$ 41.50	\$ 94.84	\$ 94.84
157			1-1/2" / 3/4" Dia Non-Portable Water Pipe Tee	EA	1	0%	1	0.750	\$ 80.00	\$ 60.00	\$ 63.00	\$ 123.00	\$ 123.00
			REDUCER										
158			1-1/4" / 3/4" Dia Non-Portable Water Pipe Reducer	EA	1	0%	1	0.667	\$ 80.00	\$ 53.34	\$ 57.00	\$ 110.34	\$ 110.34
159			1-1/2" / 1-1/4" Dia Non-Portable Water Pipe Reducer	EA	1	0%	1	0.750	\$ 80.00	\$ 60.00	\$ 86.00	\$ 146.00	\$ 146.00
			WASTE PIPE (BELOW GRADE)										
			Type "K" Soft Annealed Copper Pipe										
160			1/2" Dia Trap Primer Pipe	LF	116	10%	128	0.077	\$ 80.00	\$ 6.18	\$ 4.25	\$ 10.43	\$ 1,330.06
			1/2" Thick Elastomeric Insulation										
161			1/2" Dia Trap Primer Pipe	LF	116	10%	128	0.03	\$ 80.00	\$ 2.00	\$ 1.85	\$ 3.85	\$ 490.96
			TRAP PRIMER PIPE FITTINGS										
			ELBOW										
162			1/2" Dia Trap Primer Pipe 90 Deg Elbow	EA	6	0%	6	0.300	\$ 80.00	\$ 24.00	\$ 4.11	\$ 28.11	\$ 168.65
163			1/2" Dia Trap Primer Pipe 45 Deg Elbow	EA	25	0%	25	0.300	\$ 80.00	\$ 24.00	\$ 6.12	\$ 30.12	\$ 753.04
			WASTE PIPE (BELOW GRADE)										
			Service Weight Cast Iron Pipe										
164			2" Dia Waste Pipe	LF	45	10%	49	0.179	\$ 80.00	\$ 14.34	\$ 11.25	\$ 25.59	\$ 1,254.60
165			3" Dia Waste Pipe	LF	38	10%	41	0.188	\$ 80.00	\$ 15.00	\$ 20.00	\$ 35.00	\$ 1,449.91
166			4" Dia Waste Pipe	LF	156	10%	172	0.207	\$ 80.00	\$ 16.56	\$ 26.00	\$ 42.56	\$ 7,299.08
167			6" Dia Waste Pipe	LF	26	10%	29	0.228	\$ 80.00	\$ 18.24	\$ 40.50	\$ 58.74	\$ 1,700.64
			WASTE PIPE FITTINGS										
			ELBOW										
168			2" Dia Waste Pipe 90 Deg Elbow	EA	8	0%	8	0.750	\$ 80.00	\$ 60.00	\$ 65.00	\$ 125.00	\$ 1,000.00
169			3" Dia Waste Pipe 90 Deg Elbow	EA	3	0%	3	0.857	\$ 80.00	\$ 68.58	\$ 92.00	\$ 160.58	\$ 481.74
170													

DETAILED BREAKDOWN OF ITEMS

Prepared for: **Honda Center West Restaurant #2 TI 2635 E. Katella AVE. Anaheim, CA 92806**
 Project ID: **15012026**
 Scope: **Plumbing**



Date: 23-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
188			2" Dia Grease Waste Pipe 45 Deg Elbow	EA	9	0%	9	0.750	\$ 80.00	\$ 60.00	\$ 72.00	\$ 132.00	\$ 1,188.00
189			3" Dia Grease Waste Pipe 45 Deg Elbow	EA	21	0%	21	0.857	\$ 80.00	\$ 68.58	\$ 98.00	\$ 166.58	\$ 3,498.18
190			4" Dia Grease Waste Pipe 45 Deg Elbow	EA	10	0%	10	0.923	\$ 80.00	\$ 73.86	\$ 154.00	\$ 227.86	\$ 2,278.60
			WYE										
191			2" Dia Grease Waste Pipe Wye	EA	7	0%	7	1.200	\$ 80.00	\$ 96.00	\$ 59.00	\$ 155.00	\$ 1,085.00
192			4" Dia Grease Waste Pipe Wye	EA	6	0%	6	1.500	\$ 80.00	\$ 120.00	\$ 118.00	\$ 238.00	\$ 1,428.00
193			3" / 2" Dia Grease Waste Pipe Wye	EA	13	0%	13	1.334	\$ 80.00	\$ 106.68	\$ 96.50	\$ 203.18	\$ 2,641.34
194			4" / 2" Dia Grease Waste Pipe Wye	EA	4	0%	4	1.500	\$ 80.00	\$ 120.00	\$ 118.00	\$ 238.00	\$ 952.00
195			4" / 3" Dia Grease Waste Pipe Wye	EA	22	0%	22	1.500	\$ 80.00	\$ 120.00	\$ 118.00	\$ 238.00	\$ 5,236.00
196			6" / 3" Dia Grease Waste Pipe Wye	EA	1	0%	1	1.500	\$ 80.00	\$ 120.00	\$ 266.00	\$ 386.00	\$ 386.00
197			6" / 4" Dia Grease Waste Pipe Wye	EA	1	0%	1	1.500	\$ 80.00	\$ 120.00	\$ 266.00	\$ 386.00	\$ 386.00
			REDUCER										
198			6" / 4" Dia Grease Waste Pipe Reducer	EA	1	0%	1	1.010	\$ 80.00	\$ 80.80	\$ 286.65	\$ 367.45	\$ 367.45
			GREASE/WASTE PIPE (ABOVE GRADE)										
			Hubless Cast Iron Pipe										
199			2" Dia Grease Waste Pipe	LF	3	10%	4	0.143	\$ 80.00	\$ 11.47	\$ 9.11	\$ 20.58	\$ 74.27
200			6" Dia Grease Waste Pipe	LF	15	10%	16	0.182	\$ 80.00	\$ 14.59	\$ 32.81	\$ 47.40	\$ 780.49
			VENT PIPE (BELOW GRADE)										
			Service Weight Cast Iron Pipe										
201			2" Dia Vent Pipe	LF	148	10%	162	0.179	\$ 80.00	\$ 14.34	\$ 11.25	\$ 25.59	\$ 4,152.82
202			3" Dia Vent Pipe	LF	7	10%	8	0.188	\$ 80.00	\$ 15.00	\$ 20.00	\$ 35.00	\$ 286.06
			VENT PIPE FITTINGS										
			ELBOW										
203			2" Dia Vent Pipe 90 Deg Elbow	EA	18	0%	18	0.750	\$ 80.00	\$ 60.00	\$ 65.00	\$ 125.00	\$ 2,250.00
			VENT PIPE (ABOVE GRADE)										
			Hubless Cast Iron Pipe										
204			2" Dia Vent Pipe	LF	713	10%	785	0.143	\$ 80.00	\$ 11.47	\$ 9.11	\$ 20.58	\$ 16,152.57
205			3" Dia Vent Pipe	LF	144	10%	158	0.150	\$ 80.00	\$ 12.00	\$ 16.20	\$ 28.20	\$ 4,460.37
206			4" Dia Vent Pipe	LF	91	10%	100	0.166	\$ 80.00	\$ 13.25	\$ 21.06	\$ 34.31	\$ 3,422.91
			VENT PIPE FITTINGS										
			ELBOW										
207			2" Dia Vent Pipe 90 Deg Elbow	EA	78	0%	78	0.750	\$ 80.00	\$ 60.00	\$ 65.00	\$ 125.00	\$ 9,750.00
208			3" Dia Vent Pipe 90 Deg Elbow	EA	3	0%	3	0.857	\$ 80.00	\$ 68.58	\$ 92.00	\$ 160.58	\$ 481.74
209			4" Dia Vent Pipe 90 Deg Elbow	EA	3	0%	3	0.923	\$ 80.00	\$ 73.86	\$ 136.00	\$ 209.86	\$ 629.58
210			2" Dia Vent Pipe 45 Deg Elbow	EA	8	0%	8	0.750	\$ 80.00	\$ 60.00	\$ 72.00	\$ 132.00	\$ 1,056.00
211			3" Dia Vent Pipe 45 Deg Elbow	EA	2	0%	2	0.857	\$ 80.00	\$ 68.58	\$ 98.00	\$ 166.58	\$ 333.16
			TEE										
212			2" Dia Vent Pipe Tee	EA	45	0%	45	1.200	\$ 80.00	\$ 96.00	\$ 59.00	\$ 155.00	\$ 6,975.00
213			3" Dia Vent Pipe Tee	EA	4	0%	4	1.334	\$ 80.00	\$ 106.68	\$ 96.50	\$ 203.18	\$ 812.72
214			4" Dia Vent Pipe Tee	EA	1	0%	1	1.500	\$ 80.00	\$ 120.00	\$ 118.00	\$ 238.00	\$ 238.00
215			3" / 2" Dia Vent Pipe Tee	EA	11	0%	11	1.334	\$ 80.00	\$ 106.68	\$ 96.50	\$ 203.18	\$ 2,234.98
216			4" / 2" Dia Vent Pipe Tee	EA	2	0%	2	1.500	\$ 80.00	\$ 120.00	\$ 118.00	\$ 238.00	\$ 476.00
			REDUCER										
217			3" / 2" Dia Vent Pipe Reducer	EA	3	0%	3	0.810	\$ 80.00	\$ 64.80	\$ 96.60	\$ 161.40	\$ 484.20
218			4" / 2" Dia Vent Pipe Reducer	EA	2	0%	2	0.880	\$ 80.00	\$ 70.40	\$ 142.80	\$ 213.20	\$ 426.40
219			4" / 3" Dia Vent Pipe Reducer	EA	1	0%	1	0.880	\$ 80.00	\$ 70.40	\$ 142.80	\$ 213.20	\$ 213.20
			COMBINATION WASTE VENT PIPE (BELOW GRADE)										
			Service Weight Cast Iron Pipe										
220			2" Dia Combination Waste Vent Pipe	LF	8	10%	9	0.179	\$ 80.00	\$ 14.34	\$ 11.25	\$ 25.59	\$ 220.97
221			3" Dia Combination Waste Vent Pipe	LF	52	10%	58	0.188	\$ 80.00	\$ 15.00	\$ 20.00	\$ 35.00	\$ 2,013.94
222			4" Dia Combination Waste Vent Pipe	LF	91	10%	100	0.207	\$ 80.00	\$ 16.56	\$ 26.00	\$ 42.56	\$ 4,273.83
			COMBINATION WASTE VENT FITTINGS										
			ELBOW										
223			2" Dia Combination Waste Vent Pipe 90 Deg Elbow	EA	2	0%	2	0.750	\$ 80.00	\$ 60.00	\$ 65.00	\$ 125.00	\$ 250.00
224			3" Dia Combination Waste Vent Pipe 90 Deg Elbow	EA	16	0%	16	0.857	\$ 80.00	\$ 68.58	\$ 92.00	\$ 160.58	\$ 2,569.28
225			4" Dia Combination Waste Vent Pipe 90 Deg Elbow	EA	5	0%	5	0.923	\$ 80.00	\$ 73.86	\$ 136.00	\$ 209.86	\$ 1,049.30
226			2" Dia Combination Waste Vent Pipe 45 Deg Elbow	EA	2	0%	2	0.750	\$ 80.00	\$ 60.00	\$ 72.00	\$ 132.00	\$ 264.00
227			3" Dia Combination Waste Vent Pipe 45 Deg Elbow	EA	6	0%	6	0.857	\$ 80.00	\$ 68.58	\$ 98.00	\$ 166.58	\$ 999.48
228			4" Dia Combination Waste Vent Pipe 45 Deg Elbow	EA	3	0%	3	0.923	\$ 80.00	\$ 73.86	\$ 154.00	\$ 227.86	\$ 683.58
			WYE										
229			2" Dia Combination Waste Vent Pipe Wye	EA	3	0%	3	1.200	\$ 80.00	\$ 96.00	\$ 59.00	\$ 155.00	\$ 465.00
230			4" Dia Combination Waste Vent Pipe Wye	EA	2	0%	2	1.500	\$ 80.00	\$ 120.00	\$ 118.00	\$ 238.00	\$ 476.00
231			2" / 2" Dia Combination Waste Vent Pipe Wye	EA	1	0%	1	1.500	\$ 80.00	\$ 120.00	\$ 118.00	\$ 238.00	\$ 238.00
232			4" / 3" Dia Combination Waste Vent Pipe Wye	EA	15	0%	15	1.500	\$ 80.00	\$ 120.00	\$ 118.00	\$ 238.00	\$ 3,570.00
			REDUCER										
233			3" / 2" Dia Combination Waste Vent Pipe Reducer	EA	1	0%	1	0.810	\$ 80.00	\$ 64.80	\$ 96.60	\$ 161.40	\$ 161.40
			INDIRECT DRAIN PIPE (ABOVE GRADE)										
			Type "M" Hard Drawn Copper Pipe										
234			3/4" Dia Indirect Drain Pipe	LF	71	10%	79	0.071	\$ 80.00	\$ 5.70	\$ 3.07	\$ 8.77	\$ 688.80
			Type "DWV" Hard Drawn Copper Pipe										
235			3" Dia Indirect Drain Pipe	LF	31	10%	34	0.215	\$ 80.00	\$ 17.16	\$ 36.71	\$ 53.87	\$ 1,807.34
			1/2" Thick Elastomeric Insulation										
236			3/4" Dia Indirect Drain Pipe	LF	71	10%	79	0.03	\$ 80.00	\$ 2.00	\$ 1.85	\$ 3.85	\$ 302.38
237			3" Dia Indirect Drain Pipe	LF	31	10%	34	0.03	\$ 80.00	\$ 2.00	\$ 1.85	\$ 3.85	\$ 129.17
			INDIRECT DRAIN PIPE FITTINGS										
			ELBOW										
238			3/4" Dia Indirect Drain Pipe 90 Deg Elbow	EA	6	0%	6	0.316	\$ 80.00	\$ 25.26	\$ 8.91	\$ 34.17	\$ 205.02
239			3" Dia Indirect Drain Pipe 90 Deg Elbow	EA	4	0%	4	0.091	\$ 80.00	\$ 87.30	\$ 147.00	\$ 234.30	\$ 937.20
240			3/4" Dia Indirect Drain Pipe 45 Deg Elbow	EA	4	0%	4	0.316	\$ 80.00	\$ 25.26	\$ 12.54	\$ 37.80	\$ 151.20
241			3" Dia Indirect Drain Pipe 45 Deg Elbow	EA	5	0%	5	0.923	\$ 80.00	\$ 73.86	\$ 143.00	\$ 216.86	\$ 1,084.30
			WYE										
242			3/4" Dia Indirect Drain Pipe Wye	EA	1	0%	1	0.500	\$ 80.00	\$ 40.02	\$ 14.25	\$ 54.27	\$ 54.27
243			3" Dia Indirect Drain Pipe Wye	EA	3	0%	3	1.715	\$ 80.00	\$ 137.16	\$ 265.00	\$ 402.16	\$ 1,206.48
			CONDENSATE DRAIN PIPE (ABOVE GRADE)										
			Type "M" Hard Drawn Copper Pipe										
244			3/4" Dia Condensate Drain Pipe	LF	112	10%	123	0.071	\$ 80.00	\$ 5.70	\$ 3.07	\$ 8.77	\$ 1,081.43
			1" Thick Elastomeric Insulation										
245			3/4" Dia Condensate Drain Pipe	LF	112	10%	123	0.03	\$ 80.00	\$ 2.16	\$ 2.10	\$ 4.26	\$ 525.30
			CONDENSATE DRAIN PIPE FITTINGS										
			ELBOW										
246			3/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	21	0%	21	0.316	\$ 80.00	\$ 25.26	\$ 8.91	\$ 34.17	\$ 717.57
247			3/4" Dia Condensate Drain Pipe 45 Deg Elbow	EA	17	0%	17	0.316	\$ 80.00	\$ 25.26	\$ 12.54	\$ 37.80	\$ 642.60
			TEE										
248			3/4" Dia Condensate Drain Pipe Tee	EA	13	0%	13	0.500	\$ 80.00	\$ 40.02	\$ 14.25	\$ 54.27	\$ 705.51
			DETERGENT PIPE (ABOVE GRADE)										
			PVC Pipe										
249			1/2" Dia Detergent Pipe	LF	66	10%	73	0.111	\$ 80.00	\$ 8.88	\$ 2.60	\$ 11.48	\$ 839.00
			DETERGENT PIPE FITTINGS										
			ELBOW										
250			1/2" Dia Detergent Pipe 90 Deg Elbow	EA	9	0%	9	0.023	\$ 80.00	\$ 1.80	\$ 1.01	\$ 2.81	\$ 25.27
			GAS PIPE (ABOVE GRADE)										
			Schedule 40 Steel Pipe										
251			3/4" Dia Gas Pipe	LF	69	10%	76	0.098	\$ 80.00	\$ 7.86	\$ 7.40	\$ 15.26	\$ 1,155.38
252			1" Dia Gas Pipe	LF	16	10%	17	0.113	\$ 80.00	\$ 9.06	\$ 10.10	\$ 19.16	\$ 334.40
253			1-1/4" Dia Gas Pipe	LF	52	10%	57	0.135	\$ 80.00	\$ 10.80	\$ 13.25	\$ 24.05	\$ 1,366.67
254			1-1/2" Dia Gas Pipe	LF	23	10%	25	0.150	\$ 80.00	\$ 12.00	\$ 15.70	\$ 27.70	\$ 692.58
255			2" Dia Gas Pipe	LF	11	10%	12	0.188	\$ 80.00	\$ 15.00	\$ 21.00	\$ 36.00	\$ 425.30
			GAS PIPE FITTINGS										
			ELBOW										
256			3/4" Dia Gas Pipe 90 Deg Elbow	EA	24	0%	24	0.428	\$ 80.00	\$ 34.26	\$ 4.97	\$ 39.23	\$ 941.52
257			1" Dia Gas Pipe 90 Deg Elbow	EA	5	0%	5	0.461	\$ 80.00	\$ 36.90	\$ 5.90	\$ 42.80	\$ 214.00
25													

DETAILED BREAKDOWN OF ITEMS

Prepared for: Honda Center West Restaurant #2 T1 2635 E. Katella AVE. Anaheim, CA 92806
Project ID: 15012026
Scope: Plumbing



Date: 23-Sep-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
276			1" / 1/2" Dia Medium Pressure Gas Pipe Tee	EA	1	0%	1	0.750	\$ 80.00	\$ 60.00	\$ 18.90	\$ 78.90	\$ 78.90
			REDUCER										
277			3/4" / 1/2" Dia Medium Pressure Gas Pipe Reducer	EA	1	0%	1	0.333	\$ 80.00	\$ 26.64	\$ 19.00	\$ 45.64	\$ 45.64
278			1" / 3/4" Dia Medium Pressure Gas Pipe Reducer	EA	2	0%	2	0.400	\$ 80.00	\$ 31.98	\$ 22.00	\$ 53.98	\$ 107.96
			PLUMBING FIXTURES										
279			WC-1: Wall-Mounted Water Closet- SLOAN ST-2469-STG White/ Sloan-Tec Glaz	EA	4	0%	4	4.85	\$ 80.00	\$ 388.00	\$ 1,808.68	\$ 2,196.68	\$ 8,786.72
280			WC-2: Wall-Mounted Water Closet (Ada Accessible) : SLOAN ST-2469-STG Wh	EA	2	0%	2	4.85	\$ 80.00	\$ 388.00	\$ 1,808.68	\$ 2,196.68	\$ 4,393.36
281			WC-3: Wall-Mounted Water Closet (ADA Accessible) : SLOAN ST-2459 White F	EA	1	0%	1	4.50	\$ 80.00	\$ 360.00	\$ 996.62	\$ 1,356.62	\$ 1,356.62
282			L.V1: Wall-Mounted Lavatory: SLOAN "Designers Series " #Gradient 3-Station W	EA	1	0%	1	10.00	\$ 80.00	\$ 800.00	\$ 7,741.20	\$ 8,541.20	\$ 8,541.20
283			L.V2: Wall-Mounted Lavatory (ADA Accessible): KOHLER #K-1722-0 "Chesape	EA	1	0%	1	4.00	\$ 80.00	\$ 320.00	\$ 504.73	\$ 824.73	\$ 824.73
284			2" Dia FS: Floor Sink: JAY R. SMITH # 3101L (12), 6" Deep Cast Iron Body With	EA	4	0%	4	4.10	\$ 80.00	\$ 328.00	\$ 857.81	\$ 1,185.81	\$ 4,743.24
285			3" Dia FS: Floor Sink: JAY R. SMITH # 3101L (12), 6" Deep Cast Iron Body With	EA	21	0%	21	4.10	\$ 80.00	\$ 328.00	\$ 857.81	\$ 1,185.81	\$ 24,902.01
286			4" Dia FS: Floor Sink: JAY R. SMITH # 3101L (12), 6" Deep Cast Iron Body With	EA	1	0%	1	4.10	\$ 80.00	\$ 328.00	\$ 857.81	\$ 1,185.81	\$ 1,185.81
			KITCHEN EQUIPMENTS										
287			P-01: Mop Sink With Cabinet, ADVANCE TABCO 9-OPC-84-300 Equipment Com	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
288			P-05: Ice Machine, Cuber 1"X1"X1", HOSHIZAKI IM-500SAB Equipment Com	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
289			P-05a: Ice Storage Bin, HOSHIZAKI B-1300S Rough-In Comments And Remarks	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
290			P-05b: Water Filter, HOSHIZAKI H9320-S1 Equipment Comments And Remarks	EA	2	0%	2	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
291			P-06: Ice machine Cubelet, HOSHIZAKI F-150IMWJ-C Equipment Comments A	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
292			P-06a: Ice Storage Bin, HOSHIZAKI B-1300S Rough-In Comments And Remarks	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
293			P-06b: Water Filter, HOSHIZAKI H9320-S2 Equipment Comments And Remarks	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
294			P-07: Floor Trough And Grate, IMC/TEDDY SFT-1296-SG Equipment Comment	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
295			P-21c: 20"X28"X14" deep double Food Preparation Sink, FABRICATED CUSTO	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
296			P-27: Evaporator Coil +35F Refrigerator, COLD ZONE CL6A90ADA Equipment	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
297			P-28: Evaporator Coil+10F, Freezer, COLD ZONE CL6E490ADA Equipment Com	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
298			P-35c: 42" wide Fish Preparation Sink, FABRICATED CUSTOM Equipment Com	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
299			P-38: Hand Sink/Towel dispenser, ADVANCE TABCO 7-PS-65 Equipment Com	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
300			P-42: Mobile Combi Oven, 6-Pan Full Size, Bottom, Electric, RATIONAL ICP 6	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
301			P-42a: Combi Oven, 6-Pan Full Size, Top, Electric, RATIONAL ICP 6 PAN FULL	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
302			P-42b: Water Filter, EVERPURE EV9797-22 Equipment Comments And Remarks	EA	2	0%	2	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
303			P-43: 26 Gallon Multi Cooker, Pressure Version, RATIONAL IVARIO PRO 1. (	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
304			P-44: French Top, HESTAN HFT362 Equipment Comments And Remarks:1: Cor	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
305			P-46: Mobile Fryer, PITCO SG18-S Equipment Comments And Remarks:1: Tank	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
306			P-50a: 20"X24"X14" deep Food Preparation Sink, FABRICATED CUSTOM Equi	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
307			P-58: Hand Sink/Towel Dispenser, ADVANCE TABCO 7-PS-65 Equipment Com	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
308			P-59d: 20"X24"X14" Deep Food Preparation Sink, FABRICATED CUSTOMEQU	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
309			P-70b: Three Compartment Sink 19"X28"X16" Deep, FABRICATED CUSTOME	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
310			P-73: Hand Sink/Towel Dispenser, ADVANCE TABCO 7-PS-65 Equipment Com	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
311			P-78: Rack Conveyor Dish Wash Machine, High Temp, HOBART CL44-DWR Ea	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
312			P-83: 30"X42" Soiled Dish Table-34" Work height, FABRICATED CUSTOM Equi	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
313			P-83a: 21"X21"X6" Deep Pre Rinse Sink, FABRICATED CUSTOM Equipment C	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
314			P-90a: 21"X21"X6" Deep Pre Rinse Sink, FABRICATED CUSTOM Equipment C	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
315			P-92: Glass Wash Machine, HOBART LXNR-ADVANSYS Equipment Comment	EA	2	0%	2	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
316			P-93: Hand Sink/Towel Dispenser, ADVANCE TABCO 7-PS-65 Equipment Com	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
317			P-102b: 12"X20"X10" Deep Dump Sink, FABRICATED CUSTOM Equipment C	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
318			P-102d: 24"X22"X18" Deep Insulated Ice Bin, FABRICATED CUSTOM Equipm	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
319			P-102j: 12"X20"X10" Deep Dump Sink, FABRICATED CUSTOM Equipment C	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
320			P-106: Waste Station With Dip Pan, T&S BRASS B-1225-9-1231	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
321			P-107: Iced Tea Brewer, CURTIS C4TB	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
322			P-108: Espresso Brewer, EVERSYS C2MS Equipment Comments And Remarks:1	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
323			P-109: Coffee Brewer, CURTIS G4TPIST10A3100 Equipment Comments And R	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
324			P-110: Hot Water Dispenser, CURTIS WB56163000 Equipment Comments And R	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
325			P-111: Water Filter, EVERPURE FV9750-5 Equipment Comments And Remarks	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
326			P-122: Mixology Station, GLASTENDER MFT-20 Equipment Comments And Re	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
327			P-123: Cocktail Station, GLASTENDER CBA-30L Equipment Comments And Re	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
328			P-124: Hand Sink, Soap And Towel Dispenser, GLASTENDER HSB-12 Equipm	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
329			P-159: Mobile Fryer, PITCO SG14-S Equipment Comments And Remarks:1: Tank	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
330			P-161: French Top Range With Oven, Gas, HESTAN HFT362 Equipment Comm	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
331			P-161a: Salamander Finishing Oven Gas HESTAN HSMW36 Equipment Comm	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
332			P-163: Mobile Combi Oven, 6-Pan Half Size Bottom Electric, RATIONAL ICP 6	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
333			P-163a: Combi Oven, 6-Pan Half Size, Top, Electric RATIONAL ICP 6 PAN HA	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
334			P-163b: Water Filter, EVERPURE EV9797-22 Equipment Comments And Remar	EA	2	0%	2	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
335			P-174: Rotisserie, ROTISOL GF975-SG-SS/BC	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
336			P-176: Mobile Pasta Cooker, ARCOBALENO APCI-35 Equipment Comments Ar	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
337			P-177: Open Burner, HESTAN HOP366 Equipment Comments And Remarks:1: G	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
338			P-179a: Salamander Finishing Oven, Gas, HESTAN HSMW36 Equipment Comm	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
339			P-184: Mobile Fryer, PITCO SG14-S Equipment Comments And Remarks:1: Tank	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
340			P-185: Mobile Pizza Oven, PIZZAMASTER PM724ED	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
341			P-186: Mobile Combi Oven, 6-Pan Half Size, Bottom, Electric, RATIONAL ICP 6	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
342			P-186a: Combi Oven, 6-Pan Half Size, Top, Electric, RATIONAL ICP 6 PAN HA	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
343			P-186b: Water Filter, EVERPURE EV9797-2 Equipment Comments And Remarks	EA	2	0%	2	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
344			P-193a: 12"X20"X5" Deep Hand Sink With Trash, FABRICATED CUSTOM Equi	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
345			P-193b: 12"X20"X5" Deep Dump Sink With Trash, FABRICATED CUSTOM Equi	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
346			P-203: Mobile Fryer, PITCO SG14-S Equipment Comments And Remarks:1: Tank	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
347			P-207a: 12"X20"X5" Deep Hand Sink With Trash, FABRICATED CUSTOM Equi	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
348			P-207b: 12"X20"X5" Deep Dump Sink With Trash, FABRICATED CUSTOM Equi	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
349			P-207c: 12"X20"X5" Deep Dump Sink With Trash, FABRICATED CUSTOM Equi	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
350			P-207c: 12"X20"X5" Deep Hand Sink With Trash, FABRICATED CUSTOM Equi	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
351			P-234: Cocktail Station, GLASTENDER CBA-30L Equipment Comments And Re	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
352			P-236: Mixology Station, GLASTENDER MFT-20 Equipment Comments And Re	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
353			P-244: Cocktail Station, GLASTENDER CBA-30L Equipment Comments And Re	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
354			P-246: Mixology Station, GLASTENDER MFT-20 Equipment Comments And Re	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
355			P-248: Drain Board, GLASTENDER DBCB24 Equipment Comments And Remar	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
356			P-252: Cocktail Station, GLASTENDER CBA-30L Equipment Comments And Re	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
357			P-254: Mixology Station, GLASTENDER MFT-20 Equipment Comments And Re	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
358			P-255: Drain Board, GLASTENDER DBCB24 Equipment Comments And Remar	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
359			P-256: Glass Wash Machine, HOBART LXNR-ADVANSYS Equipment Comm	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
360			P-257: Three Compartment Bar Sink, FABRICATED CUSTOM Equipment Com	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
361			P-257a: Chemical Storage Compartment, FABRICATED CUSTOM Equipment C	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
362			P-257b: Three Compartment Sink 12"X14"X14" Deep, FABRICATED CUSTOM	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
363			P-260: Hand Sink, Soap and Towel Dispenser, GLASTENDER HSB-12 Equipm	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
364			P-271: Hand Sink, Soap and Towel Dispenser, GLASTENDER HSB-12 Equipm	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
365			P-272a: 12"X16"X10" Deep Dump Sink, FABRICATED CUSTOM Equipment C	EA	1	0%	1	0.00	\$ 80.00	\$ -	\$ -	\$ -	\$ -
			WATER HEATER										
366			R-80 : Temperature Rise With 100% Modulating Temperature	EA	1	0%	1	12.00	\$ 80.00	\$ 960.00	\$ 10,804.00	\$ 11,764.00	\$ 11,764.00
367			C : Automatic E-Flus Damper, Interlocked With Water Heater, Flue Control	EA	1	0%	1	12.00	\$ 80.00	\$ 960.00	\$ 10,804.00	\$ 11,764.00	\$ 11,764.00
			WH-2: Gas Strorgen Water Heater, A.O SMITH #BTH-199, Tank Size (Gallons):	EA	1	0%	1						
			WATER HEATER DETAILS										
368			Air Charging Valve	EA	1	0%	1	0.85	\$ 80.00	\$ 68.00	\$ 188.09	\$ 256.09	\$ 256.09
369			AquaStat	EA	1	0%	1	1.25	\$ 80.00				

Date: 23-Sep-26

PROJECTED COST		\$511,938
OVERHEAD AND PROFIT	20%	\$102,388
INSURANCE	3%	\$15,358
CONTINGENCY	5%	\$25,597
TAX	8%	\$20,353
SUGGESTED BID		\$675,633

Notes:

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

DETAILED BREAKDOWN OF ITEMS

Prepared for: Honda Center West Restaurant #2 TI 2635 E. Katella AVE. Anaheim, CA 92806
 Project ID: 15012026
 Scope: Plumbing



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
GENERAL REQUIREMENTS					
1			Permits	LS	1
2			Supervision and Coordination	LS	1
3			Submittals and Shop drawings	LS	1
4			Final Cleaning	LS	1
5			Mobilization Costs	LS	1
6			Temporary Control & Facilities	LS	1
7			Scaffolding	LS	1

PLUMBING					
			COLD WATER PIPE (BELOW GRADE) (1 CUT LENGTH = 10 LF)		
			Type "K" Soft Annealed Copper Pipe		
8			1/2" Dia Cold Water Pipe	EA	1
9			1" Dia Cold Water Pipe	EA	2
			COLD WATER PIPE FITTINGS		
			ELBOW		
10			1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	2
11			1" Dia Cold Water Pipe 90 Deg Elbow	EA	4
12			1/2" Dia Cold Water Pipe 45 Deg Elbow	EA	1
			COLD WATER PIPE (ABOVE GRADE) (1 CUT LENGTH = 10 LF)		
			Type "L" Hard Drawn Copper Pipe		
13			1/2" Dia Cold Water Pipe	EA	38
14			3/4" Dia Cold Water Pipe	EA	19
15			1" Dia Cold Water Pipe	EA	11
16			1-1/4" Dia Cold Water Pipe	EA	3
17			1-1/2" Dia Cold Water Pipe	EA	1
18			2" Dia Cold Water Pipe	EA	19
19			2-1/2" Dia Cold Water Pipe	EA	5
		Assumed	1/2" Thick Elastomeric Insulation		
20			1/2" Dia Cold Water Pipe	EA	38
21			3/4" Dia Cold Water Pipe	EA	19
22			1" Dia Cold Water Pipe	EA	11
23			1-1/4" Dia Cold Water Pipe	EA	3
		Assumed	1" Thick Elastomeric Insulation		
24			1-1/2" Dia Cold Water Pipe	EA	1
25			2" Dia Cold Water Pipe	EA	19
26			2-1/2" Dia Cold Water Pipe	EA	5
			COLD WATER PIPE FITTINGS		
			ELBOW		
27			1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	132
28			3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	32
29			1" Dia Cold Water Pipe 90 Deg Elbow	EA	10
30			1-1/4" Dia Cold Water Pipe 90 Deg Elbow	EA	12
31			1-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	1
32			2" Dia Cold Water Pipe 90 Deg Elbow	EA	19
33			1/2" Dia Cold Water Pipe 45 Deg Elbow	EA	2
34			3/4" Dia Cold Water Pipe 45 Deg Elbow	EA	2
35			1" Dia Cold Water Pipe 45 Deg Elbow	EA	2
36			2" Dia Cold Water Pipe 45 Deg Elbow	EA	2
			TEE		
37			1" Dia Cold Water Pipe Tee	EA	1
38			2" Dia Cold Water Pipe Tee	EA	7
39			2-1/2" Dia Cold Water Pipe Tee	EA	2
40			3/4" / 1/2" Dia Cold Water Pipe Tee	EA	10
41			1" / 1/2" Dia Cold Water Pipe Tee	EA	10
42			1-1/2" / 1-1/4" Dia Cold Water Pipe Tee	EA	1
43			2" / 1/2" Dia Cold Water Pipe Tee	EA	8
44			2" / 3/4" Dia Cold Water Pipe Tee	EA	6
45			2" / 1" Dia Cold Water Pipe Tee	EA	3

DETAILED BREAKDOWN OF ITEMS

Prepared for: Honda Center West Restaurant #2 TI 2635 E. Katella AVE. Anaheim, CA 92806
 Project ID: 15012026
 Scope: Plumbing



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
46			2" / 1-1/4" Dia Cold Water Pipe Tee	EA	2
47			2-1/2" / 1/2" Dia Cold Water Pipe Tee	EA	6
48			2-1/2" / 3/4" Dia Cold Water Pipe Tee	EA	3
49			2-1/2" / 1-1/2" Dia Cold Water Pipe Tee	EA	1
50			2-1/2" / 2" Dia Cold Water Pipe Tee	EA	1
			REDUCER		
51			3/4" / 1/2" Dia Cold Water Pipe Reducer	EA	9
52			1" / 3/4" Dia Cold Water Pipe Reducer	EA	5
53			1-1/2" / 1" Dia Cold Water Pipe Reducer	EA	1
54			2" / 1/2" Dia Cold Water Pipe Reducer	EA	1
55			2" / 3/4" Dia Cold Water Pipe Reducer	EA	1
56			2" / 1" Dia Cold Water Pipe Reducer	EA	1
57			2" / 1-1/4" Dia Cold Water Pipe Reducer	EA	1
58			2-1/2" / 1/2" Dia Cold Water Pipe Reducer	EA	1
59			2-1/2" / 3/4" Dia Cold Water Pipe Reducer	EA	1
60			2-1/2" / 2" Dia Cold Water Pipe Reducer	EA	1
			HOT WATER PIPE (BELOW GRADE) (1 CUT LENGTH = 10 LF)		
			Type "K" Soft Annealed Copper Pipe		
61			1/2" Dia Hot Water Pipe	EA	1
62			1" Dia Hot Water Pipe	EA	1
			HOT WATER PIPE FITTINGS		
			ELBOW		
63			1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	2
64			1" Dia Hot Water Pipe 90 Deg Elbow	EA	4
65			1/2" Dia Hot Water Pipe 45 Deg Elbow	EA	1
			HOT WATER PIPE (ABOVE GRADE) (1 CUT LENGTH = 10 LF)		
			Type "L" Hard Drawn Copper Pipe		
66			1/2" Dia Hot Water Pipe	EA	32
67			3/4" Dia Hot Water Pipe	EA	13
68			1" Dia Hot Water Pipe	EA	11
69			1-1/4" Dia Hot Water Pipe	EA	5
70			1-1/2" Dia Hot Water Pipe	EA	8
71			2" Dia Hot Water Pipe	EA	9
		Assumed	1" Thick Elastomeric Insulation		
72			1/2" Dia Hot Water Pipe	EA	31
73			3/4" Dia Hot Water Pipe	EA	13
74			1" Dia Hot Water Pipe	EA	11
75			1-1/4" Dia Hot Water Pipe	EA	5
		Assumed	1-1/2" Thick Elastomeric Insulation		
76			1-1/2" Dia Hot Water Pipe	EA	8
77			2" Dia Hot Water Pipe	EA	9
			HOT WATER PIPE FITTINGS		
			ELBOW		
78			1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	95
79			3/4" Dia Hot Water Pipe 90 Deg Elbow	EA	14
80			1" Dia Hot Water Pipe 90 Deg Elbow	EA	14
81			1-1/4" Dia Hot Water Pipe 90 Deg Elbow	EA	5
82			1-1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	5
83			2" Dia Hot Water Pipe 90 Deg Elbow	EA	6
84			1/2" Dia Hot Water Pipe 45 Deg Elbow	EA	2
85			3/4" Dia Hot Water Pipe 45 Deg Elbow	EA	2
86			1" Dia Hot Water Pipe 45 Deg Elbow	EA	1
87			1-1/4" Dia Hot Water Pipe 45 Deg Elbow	EA	2
			TEE		
88			1" Dia Hot Water Pipe Tee	EA	2
89			1-1/2" Dia Hot Water Pipe Tee	EA	2
90			3/4" / 1/2" Dia Hot Water Pipe Tee	EA	10
91			1" / 1/2" Dia Hot Water Pipe Tee	EA	5
92			1-1/4" / 1/2" Dia Hot Water Pipe Tee	EA	2
93			1-1/4" / 3/4" Dia Hot Water Pipe Tee	EA	1
94			1-1/4" / 1" Dia Hot Water Pipe Tee	EA	2
95			1-1/2" / 1/2" Dia Hot Water Pipe Tee	EA	7
96			1-1/2" / 3/4" Dia Hot Water Pipe Tee	EA	3
97			1-1/2" / 1" Dia Hot Water Pipe Tee	EA	1
98			2" / 1/2" Dia Hot Water Pipe Tee	EA	2
99			2" / 1-1/4" Dia Hot Water Pipe Tee	EA	1
100			2" / 1-1/2" Dia Hot Water Pipe Tee	EA	1
			REDUCER		
101			3/4" / 1/2" Dia Hot Water Pipe Reducer	EA	8
102			1" / 1/2" Dia Hot Water Pipe Reducer	EA	1
103			1" / 3/4" Dia Hot Water Pipe Reducer	EA	3
104			1-1/4" / 1" Dia Hot Water Pipe Reducer	EA	1
105			1-1/2" / 1/2" Dia Hot Water Pipe Reducer	EA	1
106			1-1/2" / 3/4" Dia Hot Water Pipe Reducer	EA	1
107			1-1/2" / 1-1/4" Dia Hot Water Pipe Reducer	EA	1

DETAILED BREAKDOWN OF ITEMS

Prepared for: Honda Center West Restaurant #2 TI 2635 E. Katella AVE. Anaheim, CA 92806
 Project ID: 15012026
 Scope: Plumbing



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
108			2" / 1-1/4" Dia Hot Water Pipe Reducer	EA	1
109			2" / 1-1/2" Dia Hot Water Pipe Reducer	EA	1
			HOT WATER RETURN PIPE (BELOW GRADE) (1 CUT LENGTH = 10 LF)		
			Type "K" Soft Annealed Copper Pipe		
110			1/2" Dia Hot Water Return Pipe	EA	3
			HOT WATER RETURN PIPE FITTINGS		
			ELBOW		
111			1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	6
112			1/2" Dia Hot Water Return Pipe 45 Deg Elbow	EA	1
			HOT WATER RETURN PIPE (ABOVE GRADE) (1 CUT LENGTH = 10 LF)		
			Type "L" Hard Drawn Copper Pipe		
113			1/2" Dia Hot Water Return Pipe	EA	34
114			3/4" Dia Hot Water Return Pipe	EA	5
115			1" Dia Hot Water Return Pipe	EA	7
116			1-1/4" Dia Hot Water Return Pipe	EA	6
		Assumed	1" Thick Elastomeric Insulation		
117			1/2" Dia Hot Water Return Pipe	EA	34
118			3/4" Dia Hot Water Return Pipe	EA	5
119			1" Dia Hot Water Return Pipe	EA	7
120			1-1/4" Dia Hot Water Return Pipe	EA	6
			HOT WATER RETURN PIPE FITTINGS		
			ELBOW		
121			1/2" Dia Hot Water Return Pipe 90 Deg Elbow	EA	44
122			1" Dia Hot Water Return Pipe 90 Deg Elbow	EA	3
123			1-1/4" Dia Hot Water Return Pipe 90 Deg Elbow	EA	2
124			1-1/4" Dia Hot Water Return Pipe 90 Deg Elbow	EA	1
125			1/2" Dia Hot Water Return Pipe 45 Deg Elbow	EA	3
126			3/4" Dia Hot Water Return Pipe 45 Deg Elbow	EA	2
			TEE		
127			1/2" Dia Hot Water Return Pipe Tee	EA	13
128			1" Dia Hot Water Return Pipe Tee	EA	1
129			3/4" / 1/2" Dia Hot Water Return Pipe Tee	EA	5
130			1" / 1/2" Dia Hot Water Return Pipe Tee	EA	3
131			1" / 3/4" Dia Hot Water Return Pipe Tee	EA	1
132			1-1/4" / 1/2" Dia Hot Water Return Pipe Tee	EA	1
			REDUCER		
133			3/4" / 1/2" Dia Hot Water Return Pipe Reducer	EA	1
134			1" / 1/2" Dia Hot Water Return Pipe Reducer	EA	2
135			1-1/4" / 1" Dia Hot Water Return Pipe Reducer	EA	1
136			1-1/4" / 1" Dia Hot Water Return Pipe Reducer	EA	1
			FILTERED WATER PIPE (ABOVE GRADE) (1 CUT LENGTH = 10 LF)		
			Type "L" Hard Drawn Copper Pipe		
137			1/2" Dia Filtered Water Pipe	EA	4
138			3/4" Dia Filtered Water Pipe	EA	12
		Assumed	1/2" Thick Elastomeric Insulation		
139			1/2" Dia Filtered Water Pipe	EA	4
140			3/4" Dia Filtered Water Pipe	EA	12
			FILTERED WATER PIPE FITTINGS		
			ELBOW		
141			1/2" Dia Filtered Water Pipe 90 Deg Elbow	EA	26
142			3/4" Dia Filtered Water Pipe 90 Deg Elbow	EA	28
			TEE		
143			3/4" / 1/2" Dia Filtered Water Pipe Tee	EA	4
			REDUCER		
144			3/4" / 1/2" Dia Filtered Water Pipe Reducer	EA	2
			NON-PORTABLE WATER PIPE (ABOVE GRADE) (1 CUT LENGTH = 10 LF)		
			Type "L" Hard Drawn Copper Pipe		
145			1/2" Dia Non-Portable Water Pipe	EA	1
146			3/4" Dia Non-Portable Water Pipe	EA	1
147			1-1/4" Dia Non-Portable Water Pipe	EA	1
148			1-1/2" Dia Non-Portable Water Pipe	EA	2
		Assumed	1/2" Thick Elastomeric Insulation		
149			1/2" Dia Non-Portable Water Pipe	EA	1
150			3/4" Dia Non-Portable Water Pipe	EA	1
151			1-1/4" Dia Non-Portable Water Pipe	EA	1
152			1-1/2" Dia Non-Portable Water Pipe	EA	2
			NON-PORTABLE WATER PIPE FITTINGS		
			ELBOW		
153			1/2" Dia Non-Portable Water Pipe 90 Deg Elbow	EA	2
154			3/4" Dia Non-Portable Water Pipe 90 Deg Elbow	EA	3
155			1-1/2" Dia Non-Portable Water Pipe 90 Deg Elbow	EA	3
			TEE		
156			1-1/4" / 1/2" Dia Non-Portable Water Pipe Tee	EA	1
157			1-1/2" / 3/4" Dia Non-Portable Water Pipe Tee	EA	1

DETAILED BREAKDOWN OF ITEMS

Prepared for: Honda Center West Restaurant #2 TI 2635 E. Katella AVE. Anaheim, CA 92806
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 Scope: Plumbing



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
			REDUCER		
158			1-1/4" / 3/4" Dia Non-Portable Water Pipe Reducer	EA	1
159			1-1/2" / 1-1/4" Dia Non-Portable Water Pipe Reducer	EA	1
			TRAP PRIMER PIPE (BELOW GRADE) (1 CUT LENGTH = 10 LF)		
			Type "K" Soft Annealed Copper Pipe		
160			1/2" Dia Trap Primer Pipe	EA	11
			1/2" Thick Elastomeric Insulation		
161			1/2" Dia Trap Primer Pipe	EA	11
			TRAP PRIMER PIPE FITTINGS		
			ELBOW		
162			1/2" Dia Trap Primer Pipe 90 Deg Elbow	EA	6
163			1/2" Dia Trap Primer Pipe 45 Deg Elbow	EA	25
			WASTE PIPE (BELOW GRADE) (1 CUT LENGTH = 10 LF)		
			Service Weight Cast Iron Pipe		
164			2" Dia Waste Pipe	EA	4
165			3" Dia Waste Pipe	EA	4
166			4" Dia Waste Pipe	EA	15
167			6" Dia Waste Pipe	EA	2
			WASTE PIPE FITTINGS		
			ELBOW		
168			2" Dia Waste Pipe 90 Deg Elbow	EA	8
169			3" Dia Waste Pipe 90 Deg Elbow	EA	3
170			4" Dia Waste Pipe 90 Deg Elbow	EA	8
171			2" Dia Waste Pipe 45 Deg Elbow	EA	12
172			3" Dia Waste Pipe 45 Deg Elbow	EA	4
173			4" Dia Waste Pipe 45 Deg Elbow	EA	5
			WYE		
174			2" Dia Waste Pipe Wye	EA	10
175			4" Dia Waste Pipe Wye	EA	3
176			4" / 2" Dia Waste Pipe Wye	EA	9
177			4" / 3" Dia Waste Pipe Wye	EA	3
178			6" / 4" Dia Waste Pipe Wye	EA	3
			REDUCER		
179			4" / 2" Dia Waste Pipe Reducer	EA	2
			WASTE PIPE (ABOVE GRADE) (1 CUT LENGTH = 10 LF)		
			Hubless Cast Iron Pipe		
180			2" Dia Waste Pipe	EA	3
			WASTE PIPE FITTINGS		
			ELBOW		
181			2" Dia Waste Pipe 90 Deg Elbow	EA	5
			GREASE WASTE PIPE (BELOW GRADE) (1 CUT LENGTH = 10 LF)		
			Service Weight Cast Iron Pipe		
182			2" Dia Grease Waste Pipe	EA	6
183			3" Dia Grease Waste Pipe	EA	18
184			4" Dia Grease Waste Pipe	EA	19
			GREASE WASTE PIPE FITTINGS		
			ELBOW		
185			2" Dia Grease Waste Pipe 90 Deg Elbow	EA	11
186			3" Dia Grease Waste Pipe 90 Deg Elbow	EA	23
187			4" Dia Grease Waste Pipe 90 Deg Elbow	EA	6
188			2" Dia Grease Waste Pipe 45 Deg Elbow	EA	9
189			3" Dia Grease Waste Pipe 45 Deg Elbow	EA	21
190			4" Dia Grease Waste Pipe 45 Deg Elbow	EA	10
			WYE		
191			2" Dia Grease Waste Pipe Wye	EA	7
192			4" Dia Grease Waste Pipe Wye	EA	6
193			3" / 2" Dia Grease Waste Pipe Wye	EA	13
194			4" / 2" Dia Grease Waste Pipe Wye	EA	4
195			4" / 3" Dia Grease Waste Pipe Wye	EA	22
196			6" / 3" Dia Grease Waste Pipe Wye	EA	1
197			6" / 4" Dia Grease Waste Pipe Wye	EA	1
			REDUCER		
198			6" / 4" Dia Grease Waste Pipe Reducer	EA	1
			GREASE WASTE PIPE (ABOVE GRADE) (1 CUT LENGTH = 10 LF)		
			Hubless Cast Iron Pipe		
199			2" Dia Grease Waste Pipe	EA	1
200			6" Dia Grease Waste Pipe	EA	1
			VENT PIPE (BELOW GRADE) (1 CUT LENGTH = 10 LF)		
			Service Weight Cast Iron Pipe		
201			2" Dia Vent Pipe	EA	15
202			3" Dia Vent Pipe	EA	1
			VENT PIPE FITTINGS		
			ELBOW		
203			2" Dia Vent Pipe 90 Deg Elbow	EA	18

DETAILED BREAKDOWN OF ITEMS

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
			VENT PIPE (ABOVE GRADE) (1 CUT LENGTH = 10 LF)		
			Hubless Cast Iron Pipe		
204			2" Dia Vent Pipe	EA	71
205			3" Dia Vent Pipe	EA	14
206			4" Dia Vent Pipe	EA	9
			VENT PIPE FITTINGS		
			ELBOW		
207			2" Dia Vent Pipe 90 Deg Elbow	EA	78
208			3" Dia Vent Pipe 90 Deg Elbow	EA	3
209			4" Dia Vent Pipe 90 Deg Elbow	EA	3
210			2" Dia Vent Pipe 45 Deg Elbow	EA	8
211			3" Dia Vent Pipe 45 Deg Elbow	EA	2
			TEE		
212			2" Dia Vent Pipe Tee	EA	45
213			3" Dia Vent Pipe Tee	EA	4
214			4" Dia Vent Pipe Tee	EA	1
215			3" / 2" Dia Vent Pipe Tee	EA	11
216			4" / 2" Dia Vent Pipe Tee	EA	2
			REDUCER		
217			3" / 2" Dia Vent Pipe Reducer	EA	3
218			4" / 2" Dia Vent Pipe Reducer	EA	2
219			4" / 3" Dia Vent Pipe Reducer	EA	1
			COMBINATION WASTE VENT PIPE (BELOW GRADE) (1 CUT LENGTH = 10 LF)		
			Service Weight Cast Iron Pipe		
220			2" Dia Combination Waste Vent Pipe	EA	1
221			3" Dia Combination Waste Vent Pipe	EA	5
222			4" Dia Combination Waste Vent Pipe	EA	9
			COMBINATION WASTE VENT FITTINGS		
			ELBOW		
223			2" Dia Combination Waste Vent Pipe 90 Deg Elbow	EA	2
224			3" Dia Combination Waste Vent Pipe 90 Deg Elbow	EA	16
225			4" Dia Combination Waste Vent Pipe 90 Deg Elbow	EA	5
226			2" Dia Combination Waste Vent Pipe 45 Deg Elbow	EA	2
227			3" Dia Combination Waste Vent Pipe 45 Deg Elbow	EA	6
228			4" Dia Combination Waste Vent Pipe 45 Deg Elbow	EA	3
			WYE		
229			2" Dia Combination Waste Vent Pipe Wye	EA	3
230			4" Dia Combination Waste Vent Pipe Wye	EA	2
231			4" / 2" Dia Combination Waste Vent Pipe Wye	EA	1
232			4" / 3" Dia Combination Waste Vent Pipe Wye	EA	15
			REDUCER		
233			3" / 2" Dia Combination Waste Vent Pipe Reducer	EA	1
			INDIRECT DRAIN PIPE (ABOVE GRADE) (1 CUT LENGTH = 10 LF)		
			Type "M" Hard Drawn Copper Pipe		
234			3/4" Dia Indirect Drain Pipe	EA	7
			Type "DWV" Hard Drawn Copper Pipe		
235			3" Dia Indirect Drain Pipe	EA	3
		Assumed	1/2" Thick Elastomeric Insulation		
236			3/4" Dia Indirect Drain Pipe	EA	7
237			3" Dia Indirect Drain Pipe	EA	3
			INDIRECT DRAIN PIPE FITTINGS		
			ELBOW		
238			3/4" Dia Indirect Drain Pipe 90 Deg Elbow	EA	6
239			3" Dia Indirect Drain Pipe 90 Deg Elbow	EA	4
240			3/4" Dia Indirect Drain Pipe 45 Deg Elbow	EA	4
241			3" Dia Indirect Drain Pipe 45 Deg Elbow	EA	5
			WYE		
242			3/4" Dia Indirect Drain Pipe Wye	EA	1
243			3" Dia Indirect Drain Pipe Wye	EA	3
			CONDENSATE DRAIN PIPE (ABOVE GRADE) (1 CUT LENGTH = 10 LF)		
			Type "M" Hard Drawn Copper Pipe		
244			3/4" Dia Condensate Drain Pipe	EA	11
			1" Thick Elastomeric Insulation		
245			3/4" Dia Condensate Drain Pipe	EA	11
			CONDENSATE DRAIN PIPE FITTINGS		
			ELBOW		
246			3/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	21
247			3/4" Dia Condensate Drain Pipe 45 Deg Elbow	EA	17
			TEE		
248			3/4" Dia Condensate Drain Pipe Tee	EA	13
			DETERGENT PIPE (ABOVE GRADE) (1 CUT LENGTH = 10 LF)		
		Assumed	PVC Pipe		
249			1/2" Dia Detergent Pipe	EA	6
			DETERGENT PIPE FITTINGS		

DETAILED BREAKDOWN OF ITEMS

Prepared for: Honda Center West Restaurant #2 TI 2635 E. Katella AVE. Anaheim, CA 92806
 Project ID: 15012026
 Scope: Plumbing



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
			ELBOW		
250			1/2" Dia Detergent Pipe 90 Deg Elbow	EA	9
			GAS PIPE (ABOVE GRADE) (1 CUT LENGTH = 10 LF)		
			Schedule 40 Steel Pipe		
251			3/4" Dia Gas Pipe	EA	7
252			1" Dia Gas Pipe	EA	1
253			1-1/4" Dia Gas Pipe	EA	5
254			1-1/2" Dia Gas Pipe	EA	2
255			2" Dia Gas Pipe	EA	1
			GAS PIPE FITTINGS		
			ELBOW		
256			3/4" Dia Gas Pipe 90 Deg Elbow	EA	24
257			1" Dia Gas Pipe 90 Deg Elbow	EA	5
258			1-1/4" Dia Gas Pipe 90 Deg Elbow	EA	5
259			1-1/2" Dia Gas Pipe 90 Deg Elbow	EA	2
260			2" Dia Gas Pipe 90 Deg Elbow	EA	1
			TEE		
261			3/4" Dia Gas Pipe Tee	EA	1
262			1" / 3/4" Dia Gas Pipe Tee	EA	1
263			1-1/4" / 3/4" Dia Gas Pipe Tee	EA	4
264			1-1/2" / 3/4" Dia Gas Pipe Tee	EA	4
265			2" / 3/4" Dia Gas Pipe Tee	EA	1
266			2" / 1-1/2" Dia Gas Pipe Tee	EA	1
			REDUCER		
267			1" / 3/4" Dia Gas Pipe Reducer	EA	1
268			2" / 1-1/4" Dia Gas Pipe Reducer	EA	1
			MEDIUM PRESSURE GAS PIPE (ABOVE GRADE) (1 CUT LENGTH = 10 LF)		
			Schedule 40 Steel Pipe		
269			1/2" Dia Medium Pressure Gas Pipe	EA	1
270			3/4" Dia Medium Pressure Gas Pipe	EA	14
271			1" Dia Medium Pressure Gas Pipe	EA	1
			MEDIUM PRESSURE GAS PIPE FITTINGS		
			ELBOW		
272			3/4" Dia Medium Pressure Gas Pipe 90 Deg Elbow	EA	10
273			1" Dia Medium Pressure Gas Pipe 90 Deg Elbow	EA	2
			TEE		
274			3/4" Dia Medium Pressure Gas Pipe Tee	EA	1
275			1" Dia Medium Pressure Gas Pipe Tee	EA	1
276			1" / 1/2" Dia Medium Pressure Gas Pipe Tee	EA	1
			REDUCER		
277			3/4" / 1/2" Dia Medium Pressure Gas Pipe Reducer	EA	1
278			1" / 3/4" Dia Medium Pressure Gas Pipe Reducer	EA	2
			PLUMBING FIXTURES		
279			WC-1: Wall-Mounted Water Closet: SLOAN ST-2469-STG White/ Sloan-Tec Gla	EA	4
280			WC-2: Wall-Mounted Water Closet (Ada Accessible) : SLOAN ST-2469-STG Wh	EA	2
281			WC-3: Wall-Mounted Water Closet (ADA Accessible) : SLOAN ST-2459 White F	EA	1
282			LV1: Wall-Mounted Lavatory: SLOAN "Designers Series " #Gradient 3-Station	EA	1
283			LV2: Wall-Mounted Lavatory (ADA Accessible): KOHLER #K-1722-0 "Chesape	EA	1
284			2" Dia FS: Floor Sink: JAY R. SMITH # 3101L (12), 6" Deep Cast Iron Body Wit	EA	4
285			3" Dia FS: Floor Sink: JAY R. SMITH # 3101L (12), 6" Deep Cast Iron Body Wit	EA	21
286			4" Dia FS: Floor Sink: JAY R. SMITH # 3101L (12), 6" Deep Cast Iron Body Wit	EA	1
			KITCHEN EQUIPMENTS		
287			P-01: Mop Sink With Cabinet, ADVANCE TABCO 9-OPC-84-300 Equipment Co	EA	1
288			P-05: Ice Machine, Cuber 1"X1"X1", HOSHIZAKI IM-500SAB Equipment Com	EA	1
289			P-05a: Ice Storage Bin, HOSHIZAKI B-1300S Rough-In Comments And Remarks	EA	1
290			P-05b: Water Filter, HOSHIZAKI H9320-51 Equipment Comments And Remarks	EA	2
291			P-06: Ice machine Cubelet, HOSHIZAKI F-1501MWJ-C Equipment Comments A	EA	1
292			P-06a: Ice Storage Bin, HOSHIZAKI B-1300S Rough-In Comments And Remarks	EA	1
293			P-06b: Water Filter, HOSHIZAKI H9320-52 Equipment Comments And Remarks	EA	1
294			P-07: Floor Trough And Grate, IMC/TEDDY SFT-1296-SG Equipment Comment	EA	1
295			P-21c: 20"X28"X14" deep double Food Preparation Sink, FABRICATED CUSTO	EA	1
296			P-27: Evaporator Coil +35F Refrigerator, COLD ZONE CL6A094ADA Equipmen	EA	1
297			P-28: Evaporator Coil-10F, Freezer, COLD ZONE CL6E0490DAEquipment Com	EA	1
298			P-35c: 42" wide Fish Preparation Sink, FABRICATED CUSTOM Equipment Con	EA	1
299			P-38: Hand Sink/Towel dispenser, ADVANCE TABCO 7-P5-65 Equipment Com	EA	1
300			P-42: Mobile Combi Oven, 6-Pan Full Size, Bottom, Electric, RATIONAL ICP 6	EA	1
301			P-42a: Combi Oven, 6-Pan Full Size, Top, Electric, RATIONAL ICP 6 PAN FUL	EA	1
302			P-42b: Water Filter, EVERPURE EV9797-22Equipment Comments And Remarks	EA	2
303			P-43: 26 Gallon Multi Cooker, Pressure Version, RATIONAL IVARIO PRO L (	EA	1

DETAILED BREAKDOWN OF ITEMS

Prepared for: Honda Center West Restaurant #2 TI 2635 E. Katella AVE. Anaheim, CA 92806
 Project ID: 15012026
 Scope: Plumbing



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
304			P-44: French Top, HESTAN HFT362 Equipment Comments And Remarks:1: Con	EA	1
305			P-46: Mobile Fryer, PITCO SG18-S Equipment Comments And Remarks:1: Tank	EA	1
306			P-50a: 20"X24"X14" deep Food Preparation Sink, FABRICATED CUSTOM EQUIPMENT	EA	1
307			P-58: Hand Sink/Towel Dispenser, ADVANCE TABCO 7-PS-65 Equipment Comments	EA	1
308			P-59d: 20"X24"X14" Deep Food Preparation Sink, FABRICATED CUSTOM EQUIPMENT	EA	1
309			P-70b: Three Compartment Sink 19"X28"X16" Deep, FABRICATED CUSTOM EQUIPMENT	EA	1
310			P-73: Hand Sink/Towel Dispenser, ADVANCE TABCO 7-PS-65 Equipment Comments	EA	1
311			P-78: Rack Conveyor Dish Wash Machine, High Temp, HOBART CL44-DWR Equipment	EA	1
312			P-83: 30"/42" Soiled Dish Table-34" Work height, FABRICATED CUSTOM EQUIPMENT	EA	1
313			P-83a: 21"X21"X6" Deep Pre Rinse Sink, FABRICATED CUSTOM EQUIPMENT	EA	1
314			P-90a: 21"X21"X6" Deep Pre Rinse Sink, FABRICATED CUSTOM EQUIPMENT	EA	1
315			P-92: Glass Wash Machine, HOBART LXNR-ADVANSYS Equipment Comments	EA	2
316			P-93: Hand Sink/Towel Dispenser, ADVANCE TABCO 7-PS-65 Equipment Comments	EA	1
317			P-102b: 12"X20"X10" Deep Dump Sink, FABRICATED CUSTOM EQUIPMENT	EA	1
318			P-102d: 24"X22"X18" Deep Insulated Ice Bin, FABRICATED CUSTOM EQUIPMENT	EA	1
319			P-102j: 12"X20"X10" Deep Dump Sink, FABRICATED CUSTOM EQUIPMENT	EA	1
320			P-106: Water Station With Drip Pan, T&S BRASS B-1225/8-1231	EA	1
321			P-107: Iced Tea Brewer, CURTIS G4TB	EA	1
322			P-108: Espresso Brewer, EVERSYS C2MS Equipment Comments And Remarks:1	EA	1
323			P-109: Coffee Brewer, CURTIS G4TP15T10A3100 Equipment Comments And Remarks	EA	1
324			P-110: Hot Water Dispenser, CURTIS WB56163000 Equipment Comments And Remarks	EA	1
325			P-111: Water Filter, EVERPURE FV9275.0 Equipment Comments And Remarks:	EA	1
326			P-122: Mixology Station, GLASTENDER MFT-20 Equipment Comments And Remarks	EA	1
327			P-123: Cocktail Station, GLASTENDER CBA-30L Equipment Comments And Remarks	EA	1
328			P-124: Hand Sink, Soap And Towel Dispenser, GLASTENDER HSB-12 Equipment	EA	1
329			P-159: Mobile Fryer, PITCO SG14-5 Equipment Comments And Remarks:1: Tank	EA	1
330			P-161: French Top Range With Oven, Gas, HESTAN HFT362 Equipment Comments	EA	1
331			P-161a: Salamander Finishing Oven Gas HESTAN HSMW36 Equipment Comments	EA	1
332			P-163: Mobile Combi Oven, 6-Pan Half Size Bottom Electric, RATIONAL ICP 6	EA	1
333			P-163a: Combi Oven, 6-Pan Half Size, Top, Electric RATIONAL ICP 6 PAN HALF	EA	1
334			P-163b: Water Filter, EVERPURE EV9797-22 Equipment Comments And Remarks	EA	2
335			P-174: Rotisserie, ROTISOL GF975-5G-SS/BC	EA	1
336			P-176: Mobile Pasta Cooker, ARCOBALENO APCG35 Equipment Comments And Remarks	EA	1
337			P-177: Open Burner, HESTAN HOP366 Equipment Comments And Remarks:1: C	EA	1
338			P-179a: Salamander Finishing Oven, Gas, HESTAN HSMW36 Equipment Comments	EA	1
339			P-184: Mobile Fryer, PITCO SG14-S Equipment Comments And Remarks:1: Tank	EA	1
340			P-185: Mobile Pizza Oven, PIZZAMASTER PM724ED	EA	1
341			P-186: Mobile Combi Oven, 6-Pan Half Size, Bottom, Electric, RATIONAL ICP 6	EA	1
342			P-186a: Combi Oven, 6-Pan Half Size, Top Electric, RATIONAL ICP 6 PAN HALF	EA	1
343			P-186b: Water Filter, EVERPURE EV9797-2 Equipment Comments And Remarks	EA	2
344			P-193a: 12"X20"X5" Deep Hand Sink With Trash, FABRICATED CUSTOM EQUIPMENT	EA	1
345			P-193e: 12"X20"X5" Deep Dump Sink With Trash, FABRICATED CUSTOM EQUIPMENT	EA	1
346			P-203: Mobile Fryer, PITCO SG14-S Equipment Comments And Remarks:1: Tank	EA	1
347			P-207a: 12"X20"X5" Deep Hand Sink With Trash, FABRICATED CUSTOM EQUIPMENT	EA	1
348			P-207h: 12"X20"X5" Deep Dump Sink With Trash, FABRICATED CUSTOM EQUIPMENT	EA	1
349			P-207r: 12"X20"X5" Deep Dump Sink With Trash, FABRICATED CUSTOM EQUIPMENT	EA	1
350			P-207x: 12"X20"X5" Deep Hand Sink With Trash, FABRICATED CUSTOM EQUIPMENT	EA	1
351			P-234: Cocktail Station, GLASTENDER CBA-30L Equipment Comments And Remarks	EA	1
352			P-236: Mixology Station, GLASTENDER MFT-20 Equipment Comments And Remarks	EA	1
353			P-244: Cocktail Station, GLASTENDER CBA-30L Equipment Comments And Remarks	EA	1
354			P-246: Mixology Station, GLASTENDER MFT-20 Equipment Comments And Remarks	EA	1
355			P-248: Drain Board, GLASTENDER DBCB24 Equipment Comments And Remarks	EA	1
356			P-252: Cocktail Station, GLASTENDER CBA-30L Equipment Comments And Remarks	EA	1
357			P-254: Mixology Station, GLASTENDER MFT-20 Equipment Comments And Remarks	EA	1
358			P-255: Drain Board, GLASTENDER DBCB24 Equipment Comments And Remarks	EA	1
359			P-256: Glass Wash Machine, HOBART LXNR-ADVANSYS Equipment Comments	EA	1
360			P-257: Three Compartment Bar Sink, FABRICATED CUSTOM EQUIPMENT	EA	1
361			P-257a: Chemical Storage Compartment, FABRICATED CUSTOM EQUIPMENT	EA	1
362			P-257b: Three Compartment Sink 12"X14"X14" Deep, FABRICATED CUSTOM EQUIPMENT	EA	1
363			P-260: Hand Sink, Soap and Towel Dispenser, GLASTENDER HSB-12 Equipment	EA	1
364			P-271: Hand Sink, Soap and Towel Dispenser, GLASTENDER HSB-12 Equipment	EA	1
365			P-272a: 12"X16"X10" Deep Dump Sink, FABRICATED CUSTOM EQUIPMENT	EA	1
			WATER HEATER		

Purchase & Installed
By KEC

DETAILED BREAKDOWN OF ITEMS

Prepared for: Honda Center West Restaurant #2 TI 2635 E. Katella AVE. Anaheim, CA 92806
 Project ID: 15012026
 Scope: Plumbing



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
366			WH-1: Gas Strogen Water Heater, A.O SMITH #BTH-199, Tank Size (Gallons): 1	EA	1
367			WH-2: Gas Strogen Water Heater, A.O SMITH #BTH-199, Tank Size (Gallons): 1	EA	1
			WATER HEATER DETAILS		
368			Air Charging Valve	EA	1
369			Aquastat	EA	1
370			Thermometer	EA	2
371			RP: Recirculation Pump, BELL & GOSSETT ECOCIRC #20-35, Connection Size	EA	1
372			TS-1: Time Switch: INTERMATIC #ET2705CSPST, 7 Day, One Circuit-Single P	EA	1
373			ET-1: Expansion Tank, AMTROL ST-25V, Tank Size (Gallons): 10.3, Min Accep	EA	1
374		Furnished W/ Water Heater	3/4" Dia AMSE Temperature & Pressure Relief Valve	EA	2
375			3/4" Dia Drain Valve	EA	2
376			1-1/4" Dia Ball Drain Valve	EA	1
377			1" Dia Check Valve	EA	1
378			1-1/4" Dia Check Valve	EA	1
379			1" Dia Shut-Off Valve	EA	2
380			1-1/4" Dia Shut-Off Valve	EA	5
381			1" Dia Gas Cock	EA	2
382			1" Dia Strainer	EA	1
383			1" Dia Union W/ Ground Joint	EA	2
384			1" Dia Union	EA	2
385			1-1/4" Dia Union	EA	9
386			3" Long Dirt Leg	EA	2
			AUTOMATIC FLOW CONTROL VALVE DETAILS		
387			Temperature Gauge Plug	EA	13
388			1/2" Dia Ball Type Shut-Off Valve	EA	26
389			1/2" Dia Check Valve	EA	13
390			1/2" Dia Strainer	EA	13
			MISCELLANEOUS		
391			15 Gallons Detergent Tank (PCU-1)	EA	1
392			20 Gallons Detergent Tank (PCU-2,3)	EA	2
393			1/2" Dia BFP1: Dual Check Valve With Atmospheric Port: WATTS # SD-3, Meet	EA	5
394			3/4" Dia BFP2: Reduced Pressure Zone Backflow Preventer: WATTS # LF009QT	EA	1
395			1" Dia BFP2: Reduced Pressure Zone Backflow Preventer: WATTS # LF009QT, M	EA	1
396			1-1/2" Dia BFP2: Reduced Pressure Zone Backflow Preventer: WATTS # LF009C	EA	1
397			1/2" Dia BFP3: Double Check Valve: WATTS #LF007QT-S, Meeting Asse 1015,	EA	4
398			3/4" Dia BFP3: Double Check Valve: WATTS #LF007QT-S, Meeting Asse 1015,	EA	4
399			1/2" Dia GPR-1: Gas Pressure Regulator, PIETRO-FIORENTINI 31150OPD, Val	EA	1
400			3/4" Dia GPR-1: Gas Pressure Regulator, PIETRO-FIORENTINI 31150OPD, Val	EA	2
401			1" Dia GPR-1: Gas Pressure Regulator, PIETRO-FIORENTINI 31150OPD, Valve	EA	2
402			1/2" Dia Gas Cock	EA	1
403			3/4" Dia Gas Cock	EA	10
404			1" Dia Gas Cock	EA	3
405			1/2" Dia Flow Restrictor (0.5 GPM)	EA	1
406			1" Dia Gas Increaser	EA	1
407			1" Dia Union	EA	1
408			3" Dirt Leg	EA	3
409			1/2" Dia WHA: Water Hammer Arrester: Precision Plumbing Products, Hard Draw	EA	10
410			3/4" Dia WHA: Water Hammer Arrester: Precision Plumbing Products, Hard Draw	EA	5
411			1" Dia WHA: Water Hammer Arrester: Precision Plumbing Products, Hard Drawn	EA	1
412			1-1/4" Dia WHA: Water Hammer Arrester: Precision Plumbing Products, Hard Dr	EA	1
413			1-1/2" Dia WHA: Water Hammer Arrester: Precision Plumbing Products, Hard Dr	EA	1
414			2" Dia WHA "D": Water Hammer Arrester: Precision Plumbing Products, Hard Dr	EA	1
			CLEANOUTS & DRAINS		
415			3/4" Dia CO: Cleanout	EA	13
416			3" Dia CO: Cleanout	EA	5
417			2" Dia FCO: Floor Cleanout: JAY R. SMITH, Cast Iron Body, Flashing Flange W	EA	1
418			4" Dia FCO: Floor Cleanout: JAY R. SMITH, Cast Iron Body, Flashing Flange W	EA	6
419			6" Dia FCO: Floor Cleanout: JAY R. SMITH, Cast Iron Body, Flashing Flange W	EA	1
420			2" Dia FD1: Floor Drain: JAY R .SMITH # 2005L (A), Cast Iron Body And Clam	EA	21
421			3" Dia FD1: Floor Drain: JAY R .SMITH # 2005L (A), Cast Iron Body And Clam	EA	8
422			4" Dia FD1: Floor Drain: JAY R .SMITH # 2005L (A), Cast Iron Body And Clam	EA	1
423			3" Dia FD2: Funnel Floor Drain: JAY R. SMITH # 3510L (B), Cast Iron Body, Ac	EA	2
424			2" Dia WCO: Wall Cleanout: JAY R. SMITH # 4530S, Cast Iron Cleanout Tee, Co	EA	3

DETAILED BREAKDOWN OF ITEMS

Prepared for: Honda Center West Restaurant #2 TI 2635 E. Katella AVE. Anaheim, CA 92806
 Project ID: 15012026
 Scope: Plumbing



SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY
425			4" Dia WCO: Wall Cleanout: JAY R. SMITH # 4530S, Cast Iron Cleanout Tee, Co	EA	3
			VALVES		
426			1/2" Dia Ball Valve	EA	77
427			3/4" Dia Ball Valve	EA	13
428			1" Dia Ball Valve	EA	5
429			1-1/4" Dia Ball Valve	EA	1
430			1-1/2" Dia Ball Valve	EA	1
431			2" Dia Ball Valve	EA	1
432			1/2" Dia Check Valve	EA	10
433			3/4" Dia Check Valve	EA	4
434			2" Dia Check Valve	EA	1
435		Furnished W/ Hood Fire Suppression System	3/4" Dia Gas Solenoid Valve	EA	2
436			3/4" Dia Emergency Shut-Off Valve	EA	2
437			3/4" Dia Three Valve Bypass	EA	1
438			2" Dia Isolation Valve	EA	1
439			1/2" Dia PRV1: Pressure Reducing Valve: WATTS # LFU5B-LP-GG-Z3, Lead Fr	EA	4
440			1/2" Dia TMV1: Thermostatic Mixing Valve: POWERS # LFG480, Solid Lead Fr	EA	10
441			1/2" Dia TP: Trap Primer Valve W/ Access Panel: PRECISION PLUMBING PRO	EA	3
442			1/2" Dia FCV: Flow Control Valve: FLOWDESIGN # ICSS "Autoflow", Series 30	EA	13
			PVC COUPLING		
443			1/2" Dia	EA	6
			NO-HUB COUPLING		
444			2" Dia	EA	549
445			3" Dia	EA	262
446			4" Dia	EA	238
447			6" Dia	EA	11
			PIPE SUPPORT		
448			1/2" Dia Adjustable Clevis Hanger	EA	191
449			3/4" Dia Adjustable Clevis Hanger	EA	147
450			1" Dia Adjustable Clevis Hanger	EA	52
451			1-1/4" Dia Adjustable Clevis Hanger	EA	33
452			1-1/2" Dia Adjustable Clevis Hanger	EA	23
453			2" Dia Adjustable Clevis Hanger	EA	103
454			2-1/2" Dia Adjustable Clevis Hanger	EA	5
455			3" Dia Adjustable Clevis Hanger	EA	17
456			4" Dia Adjustable Clevis Hanger	EA	9
457			6" Dia Adjustable Clevis Hanger	EA	1
458			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	446
459			1/2" Dia Threaded Rod (1 Ea. = 1 FT)	EA	134
460			5/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	1
			TRENCHING & BACKFILLING		
461			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	3600