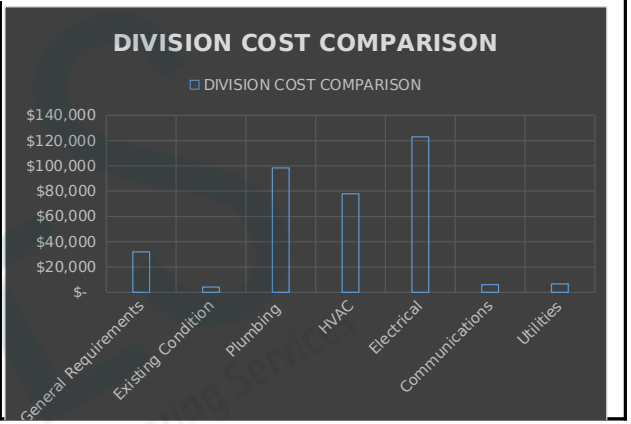
GENERAL SUMMARY

Prepared for: Windsor Colorado, Store No. 6179, 1590 Main St, Windsor, CO 80550
Project ID: 2212026
Scope: M.E.P
No. Of Floors: 1
Date: 10/07/26

NEDES
National Estimating, Drafting & Engineering Services
+1 (708) 381-0900

BUILDING GSF		3,600	
DIVISION NO	DESCRIPTION	TOTAL DIV. COST	TOTAL DIV. COST (PER SF)
1000	General Requirements	$ 32,000	$ 8.89
2000	Existing Condition	$ 4,144	$ 1.15
22000	Plumbing	$ 98,395	$ 27.33
23000	HVAC	$ 77,899	$ 21.64
26000	Electrical	$ 122,960	$ 34.16
27000	Communications	$ 6,106	$ 1.70
33000	Utilities	$ 6,652	$ 1.85
TOTAL TRADE COST		$ 348,157	$ 97
OVERHEAD AND PROFIT	15%	$ 52,224	$ 14.51
INSURANCE	3%	$ 10,445	$ 2.90
CONTINGENCY	2%	$ 6,963	$ 1.93
TAX	7%	$ 9,011	$ 2.50
SUGGESTED BID		$ 426,799	$ 119



DETAILED BREAKDOWN OF ITEMS

Prepared for: Windsor Colorado, Store No. 6179, 1590 Main St, Windsor, CO 80550
Project ID: 2212026
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Date: 7-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	$ -	$ -	$ -	$ 12,000.00	$ 12,000.00
3			Submittals and Shop drawings	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
4			Final Cleaning	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 2,000.00	$ 2,000.00
5			Mobilization Costs	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 10,000.00	$ 10,000.00
6			Temporary Control & Facilities	LS	1	0%	1	0.000	$ -	$ -	$ -	$ 8,000.00	$ 8,000.00
7			Scaffolding	LS	1	0%	1	0.000	$ -	$ -	$ -	$ -	$ -
												SUBTOTAL	**$ 32,000**
			EXISTING CONDITIONS										
			DEMOLITION										
8		**Note # 4**	Existing Complete HVAC System W/ All Associated Appurtenances To Be remov	SF	3600	0%	3600	0.008	$ 80.00	$ 0.64	$ -	$ 0.64	$ 2,304.00
9			Existing Electrical Panel To Be Removed	EA	2	0%	2	2.000	$ 80.00	$ 160.00	$ -	$ 160.00	$ 320.00
10	**D101 & E100**		Existing Exterior Wall Pack To Be Removed	EA	7	0%	7	1.000	$ 80.00	$ 80.00	$ -	$ 80.00	$ 560.00
11			Existing Lavatory To Be Removed	EA	2	0%	2	1.500	$ 80.00	$ 120.00	$ -	$ 120.00	$ 240.00
12			Existing Water Closet To Be Removed	EA	4	0%	4	2.250	$ 80.00	$ 180.00	$ -	$ 180.00	$ 720.00
												SUBTOTAL	**$ 4,144**
			PLUMBING										
			COLD WATER PIPE (ABOVE GRADE)										
			Type "L" Copper Pipe W/Wrought Copper, Solder Joints Pressure Fittings: ASME B16.22.										
13			1/2" Dia Cold Water Pipe	LF	146	5%	153	0.071	$ 80.00	$ 5.71	$ 3.25	$ 8.96	$ 1,370.96
14			3/4" Dia Cold Water Pipe	LF	86	5%	90	0.084	$ 80.00	$ 6.73	$ 4.20	$ 10.93	$ 982.68
15			1" Dia Cold Water Pipe	LF	65	5%	68	0.089	$ 80.00	$ 7.14	$ 5.76	$ 12.90	$ 876.63
16			1-1/2" Dia Cold Water Pipe	LF	76	5%	80	0.094	$ 80.00	$ 7.48	$ 7.56	$ 15.04	$ 1,198.30
		Assumed	**1/2" Thick Fiberglass Insulation**										
17			1/2" Dia Cold Water Pipe	LF	146	5%	153	0.053	$ 80.00	$ 4.22	$ 2.12	$ 6.34	$ 969.25
18			3/4" Dia Cold Water Pipe	LF	86	5%	90	0.054	$ 80.00	$ 4.35	$ 2.39	$ 6.74	$ 605.74
19			1" Dia Cold Water Pipe	LF	65	5%	68	0.056	$ 80.00	$ 4.49	$ 2.48	$ 6.97	$ 473.74
20			1-1/2" Dia Cold Water Pipe	LF	76	5%	80	0.058	$ 80.00	$ 4.62	$ 3.02	$ 7.65	$ 609.29
			COLD WATER PIPE FITTINGS										
			ELBOW										
21			1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	33	0%	33	0.350	$ 80.00	$ 28.00	$ 3.65	$ 31.65	$ 1,044.45
22			3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	5	0%	5	0.400	$ 80.00	$ 32.00	$ 4.78	$ 36.78	$ 183.90
23			1" Dia Cold Water Pipe 90 Deg Elbow	EA	6	0%	6	0.450	$ 80.00	$ 36.00	$ 7.76	$ 43.76	$ 262.56
24			1-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	6	0%	6	0.560	$ 80.00	$ 44.80	$ 10.14	$ 54.94	$ 329.64
			TEE										
25			1" Dia Cold Water Pipe Tee	EA	1	0%	1	0.600	$ 80.00	$ 48.00	$ 21.38	$ 69.38	$ 69.38
26			1-1/2" Dia Cold Water Pipe Tee	EA	3	0%	3	0.750	$ 80.00	$ 60.00	$ 67.43	$ 127.43	$ 382.29
27			3/4" / 1/2" Dia Cold Water Pipe Tee	EA	2	0%	2	0.350	$ 80.00	$ 28.00	$ 10.50	$ 38.50	$ 77.00
28			1" / 1/2" Dia Cold Water Pipe Tee	EA	7	0%	7	0.420	$ 80.00	$ 33.60	$ 24.92	$ 58.52	$ 409.64
29			1" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1	0.450	$ 80.00	$ 36.00	$ 26.50	$ 62.50	$ 62.50
30			1-1/2" / 1/2" Dia Cold Water Pipe Tee	EA	6	0%	6	0.700	$ 80.00	$ 56.00	$ 73.17	$ 129.17	$ 775.02
31			1-1/2" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2	0.720	$ 80.00	$ 57.60	$ 59.50	$ 117.10	$ 234.20
			REDUCER										
32			1" / 1/2" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.400	$ 80.00	$ 32.00	$ 13.24	$ 45.24	$ 45.24
33			1" / 3/4" Dia Cold Water Pipe Reducer	EA	1	0%	1	0.450	$ 80.00	$ 36.00	$ 10.37	$ 46.37	$ 46.37
34			1-1/2" / 1" Dia Cold Water Pipe Reducer	EA	5	0%	5	0.560	$ 80.00	$ 44.80	$ 24.15	$ 68.95	$ 344.75
			HOT WATER PIPE (ABOVE GRADE)										
			Type "L" Copper Pipe W/Wrought Copper, Solder Joints Pressure Fittings: ASME B16.22.										
35			1/2" Dia Hot Water Pipe	LF	130	5%	136	0.071	$ 80.00	$ 5.71	$ 3.25	$ 8.96	$ 1,221.15
36			3/4" Dia Hot Water Pipe	LF	11	5%	12	0.084	$ 80.00	$ 6.73	$ 4.20	$ 10.93	$ 126.04
37			1" Dia Hot Water Pipe	LF	71	5%	75	0.089	$ 80.00	$ 7.14	$ 5.76	$ 12.90	$ 968.33
		Assumed	**3/4" Thick Fiberglass Insulation**										
38			1/2" Dia Hot Water Pipe	LF	130	5%	136	0.053	$ 80.00	$ 4.22	$ 2.85	$ 7.07	$ 962.80
39			3/4" Dia Hot Water Pipe	LF	11	5%	12	0.054	$ 80.00	$ 4.35	$ 3.20	$ 7.55	$ 87.07
40			1" Dia Hot Water Pipe	LF	71	5%	75	0.056	$ 80.00	$ 4.49	$ 3.50	$ 7.99	$ 599.62
			HOT WATER PIPE FITTINGS										
			ELBOW										
41			1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	25	0%	25	0.350	$ 80.00	$ 28.00	$ 3.65	$ 31.65	$ 791.25
42			3/4" Dia Hot Water Pipe 90 Deg Elbow	EA	2	0%	2	0.400	$ 80.00	$ 32.00	$ 4.78	$ 36.78	$ 73.56
43			1" Dia Hot Water Pipe 90 Deg Elbow	EA	8	0%	8	0.450	$ 80.00	$ 36.00	$ 7.76	$ 43.76	$ 350.08
			TEE										
44			1" Dia Hot Water Pipe Tee	EA	2	0%	2	0.600	$ 80.00	$ 48.00	$ 21.38	$ 69.38	$ 138.76
45			1" / 1/2" Dia Hot Water Pipe Tee	EA	7	0%	7	0.420	$ 80.00	$ 33.60	$ 24.92	$ 58.52	$ 409.64
46			1" / 3/4" Dia Hot Water Pipe Tee	EA	2	0%	2	0.450	$ 80.00	$ 36.00	$ 26.50	$ 62.50	$ 125.00
			REDUCER										
47			1" / 1/2" Dia Hot Water Pipe Reducer	EA	2	0%	2	0.400	$ 80.00	$ 32.00	$ 13.24	$ 45.24	$ 90.48
			HOT WATER RETURN PIPE (ABOVE GRADE)										
			Type "L" Copper Pipe W/Wrought Copper, Solder Joints Pressure Fittings: ASME B16.22.										
48			3/4" Dia Hot Water Return Pipe	LF	105	5%	110	0.084	$ 80.00	$ 6.73	$ 4.20	$ 10.93	$ 1,199.74
		Assumed	**3/4" Thick Fiberglass Insulation**										
49			3/4" Dia Hot Water Return Pipe	LF	105	5%	110	0.054	$ 80.00	$ 4.35	$ 3.20	$ 7.55	$ 828.80
			HOT WATER RETURN PIPE FITTINGS										
			ELBOW										
50			3/4" Dia Hot Water Return Pipe 90 Deg Elbow	EA	9	0%	9	0.400	$ 80.00	$ 32.00	$ 4.78	$ 36.78	$ 331.02
			TEE										
51			3/4" Dia Hot Water Return Pipe Tee	EA	2	0%	2	0.560	$ 80.00	$ 44.80	$ 17.50	$ 62.30	$ 124.60
52			3/4" / 1/2" Dia Hot Water Return Pipe Tee	EA	3	0%	3	0.350	$ 80.00	$ 28.00	$ 9.50	$ 37.50	$ 112.50
			FILTER WATER PIPE (ABOVE GRADE)										
			Type "L" Copper Pipe W/Wrought Copper, Solder Joints Pressure Fittings: ASME B16.22.										
53			1/2" Dia Filter Water Pipe	LF	192	5%	202	0.071	$ 80.00	$ 5.71	$ 3.25	$ 8.96	$ 1,806.93
		Assumed	**1/2" Thick Fiberglass Insulation**										
54			1/2" Dia Filter Water Pipe	LF	192	5%	202	0.053	$ 80.00	$ 4.22	$ 2.12	$ 6.34	$ 1,277.47
			FILTER WATER PIPE FITTINGS										
			ELBOW										
55			1/2" Dia Filter Water Pipe 90 Deg Elbow	EA	26	0%	26	0.350	$ 80.00	$ 28.00	$ 3.65	$ 31.65	$ 822.90
			TEE										
56			1/2" Dia Filter Water Pipe Tee	EA	5	0%	5	0.400	$ 80.00	$ 32.00	$ 5.50	$ 37.50	$ 187.50
			REDUCER										
			TRAP PRIMER PIPE (BELOW GRADE)										
		Assumed	**Type "K" Copper Pipe**										
57			1/2" Dia Trap Primer Pipe	LF	103	5%	108	0.084	$ 80.00	$ 6.73	$ 6.50	$ 13.23	$ 1,431.46
			TRAP PRIMER PIPE FITTINGS										
			ELBOW										
58			1/2" Dia Trap Primer Pipe 45 Deg Elbow	EA	27	0%	27	0.350	$ 80.00	$ 28.00	$ 3.65	$ 31.65	$ 854.55
			TRAP PRIMER PIPE (ABOVE GRADE)										
			Type "L" Copper Pipe W/Wrought Copper, Solder Joints Pressure Fittings: ASME B16.22.										
59			1/2" Dia Trap Primer Pipe	LF	8	5%	9	0.071	$ 80.00	$ 5.71	$ 3.25	$ 8.96	$ 76.69
		Assumed	**1/2" Thick Fiberglass Insulation**										
60			1/2" Dia Filter Water Pipe	LF	8	5%	9	0.053	$ 80.00	$ 4.22	$ 2.12	$ 6.34	$ 54.22
			TRAP PRIMER PIPE FITTINGS										
			ELBOW										
61			1/2" Dia Trap Primer Pipe 90 Deg Elbow	EA	2	0%	2	0.350	$ 80.00	$ 28.00	$ 3.65	$ 31.65	$ 63.30
			WASTE PIPE (BELOW GRADE)										
			PVC Plastic DWV Pipe W/ ASTM D 2665										
62			2" Dia Waste Pipe	LF	1	5%	1	0.173	$ 80.00	$ 13.82	$ 9.15	$ 22.97	$ 27.26
63			3" Dia Waste Pipe	LF	57	5%	59	0.193	$ 80.00	$ 15.40	$ 16.25	$ 31.65	$ 1,882.41
64			4" Dia Waste Pipe	LF	23	5%	24	0.212	$ 80.00	$ 16.98	$ 21.50	$ 38.48	$ 939.47
			WASTE PIPE FITTINGS										
			ELBOW										
65			3" Dia Waste Pipe 90 Deg Elbow	EA	3	0%	3	0.330	$ 80.00	$ 26.40	$ 3.08	$ 29.48	$ 88.44
66			4" Dia Waste Pipe 90 Deg Elbow	EA	1	0%	1	0.524	$ 80.00	$ 41.94	$ 12.20	$ 54.14	$ 54.14
67			3" Dia Waste Pipe 45 Deg Elbow	EA	5	0%	5	0.659	$ 80.00	$ 52.74	$ 22.50	$ 75.24	$ 376.20
			WYE										
68			3" Dia Waste Pipe Wye	EA	3	0%	3	0.790	$ 80.00	$ 63.18	$ 12.00	$ 75.18	$ 225.54
69			3" / 2" Dia IW Pipe Wye	EA	1	0%	1	0.790	$ 80.00	$ 63.18	$ 12.00	$ 75.18	$ 75.18
70			3" / 2" Dia Waste Pipe Wye	EA	4	0%	4	0.790	$ 80.00	$ 63.18	$ 12.00	$ 75.18	$ 300.72
71			4" / 3" Dia Waste Pipe Wye	EA	1	0%	1	0.995	$ 80.00	$ 79.60	$ 27.45	$ 107.05	$ 107.05
			WASTE PIPE (ABOVE GRADE)										
			PVC Plastic DWV Pipe W/ ASTM D 2665										
72			2" Dia Waste Pipe	LF	9	5%	9	0.173	$ 80.00	$ 13.82	$ 9.15	$ 22.97	$ 216.59
			GREASE WASTE PIPE (BELOW GRADE)										

DETAILED BREAKDOWN OF ITEMS

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Project ID: 2212026
Scope: M.E.P

NEDES
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Date: 7-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
			PVC Plastic DWV Pipe W/ ASTM D 2665										
73			2" Dia Grease Waste Pipe	LF	28	5%	29	0.173	$ 80.00	$ 13.82	$ 9.15	$ 22.97	$ 664.98
74			3" Dia Grease Waste Pipe	LF	39	5%	41	0.193	$ 80.00	$ 15.40	$ 16.25	$ 31.65	$ 1,295.48
75			4" Dia Grease Waste Pipe	LF	86	5%	90	0.212	$ 80.00	$ 16.98	$ 21.50	$ 38.48	$ 3,469.36
			GREASE WASTE PIPE FITTINGS										
			ELBOW										
76			2" Dia Grease Waste Pipe 90 Deg Elbow	EA	6	0%	6	0.330	$ 80.00	$ 26.40	$ 3.08	$ 29.48	$ 176.88
77			3" Dia Grease Waste Pipe 90 Deg Elbow	EA	8	0%	8	0.524	$ 80.00	$ 41.94	$ 12.20	$ 54.14	$ 433.12
78			4" Dia Grease Waste Pipe 90 Deg Elbow	EA	3	0%	3	0.659	$ 80.00	$ 52.74	$ 22.50	$ 75.24	$ 225.72
79			2" Dia Grease Waste Pipe 45 Deg Elbow	EA	13	0%	13	0.330	$ 80.00	$ 26.40	$ 2.80	$ 29.20	$ 379.60
80			3" Dia Grease Waste Pipe 45 Deg Elbow	EA	10	0%	10	0.524	$ 80.00	$ 41.94	$ 9.55	$ 51.49	$ 514.90
81			4" Dia Grease Waste Pipe 45 Deg Elbow	EA	3	0%	3	0.659	$ 80.00	$ 52.74	$ 17.10	$ 69.84	$ 209.52
			WYE										
82			4" Dia Grease Waste Pipe Wye	EA	2	0%	2	0.992	$ 80.00	$ 79.32	$ 25.50	$ 104.82	$ 209.64
83			4" / 2" Dia Grease Waste Pipe Wye	EA	8	0%	8	0.992	$ 80.00	$ 79.32	$ 25.50	$ 104.82	$ 838.56
84			4" / 3" Dia Grease Waste Pipe Wye	EA	8	0%	8	0.995	$ 80.00	$ 79.60	$ 27.45	$ 107.05	$ 856.40
			GREASE WASTE PIPE (ABOVE GRADE)										
			PVC Plastic DWV Pipe W/ ASTM D 2665										
85			2" Dia Grease Waste Pipe	LF	12	5%	13	0.173	$ 80.00	$ 13.82	$ 9.15	$ 22.97	$ 289.43
			GREASE WASTETE PIPE FITTINGS										
			ELBOW										
86			2" Dia Grease Waste Pipe 90 Deg Elbow	EA	3	0%	3	0.330	$ 80.00	$ 26.40	$ 3.08	$ 29.48	$ 88.44
			INDIRECT WASTE PIPE (ABOVE GRADE)										
			PVC Plastic DWV Pipe W/ ASTM D 2665										
87			2" Dia Indirect Waste Pipe	LF	10	5%	10	0.173	$ 80.00	$ 13.82	$ 9.15	$ 22.97	$ 236.61
			INDIRECT WASTE PIPE FITTINGS										
			ELBOW										
88			2" Dia Indirect Waste Pipe 90 Deg Elbow	EA	4	0%	4	0.330	$ 80.00	$ 26.40	$ 3.08	$ 29.48	$ 117.92
			WYE										
89			2" Dia Indirect Waste Pipe Wye	EA	2	0%	2	0.496	$ 80.00	$ 39.66	$ 3.52	$ 43.18	$ 86.36
			VENT PIPE (ABOVE GRADE)										
			PVC Plastic DWV Pipe W/ ASTM D 2665										
90			1-1/4" Dia Vent Pipe	LF	28	5%	29	0.102	$ 80.00	$ 8.16	$ 5.50	$ 13.66	$ 399.60
91			1-1/2" Dia Vent Pipe	LF	26	5%	27	0.136	$ 80.00	$ 10.88	$ 7.50	$ 18.38	$ 501.97
92			2" Dia Vent Pipe	LF	117	5%	122	0.173	$ 80.00	$ 13.82	$ 9.15	$ 22.97	$ 2,812.82
93			2-1/2" Dia Vent Pipe	LF	11	5%	12	0.179	$ 80.00	$ 14.28	$ 11.50	$ 25.78	$ 310.21
94			3" Dia Vent Pipe	LF	7	5%	7	0.193	$ 80.00	$ 15.40	$ 16.25	$ 31.65	$ 233.64
			VENT PIPE FITTINGS										
			ELBOW										
95			1-1/4" Dia Vent Pipe 90 Deg Elbow	EA	4	0%	4	0.250	$ 80.00	$ 20.00	$ 2.15	$ 22.15	$ 88.60
96			1-1/2" Dia Vent Pipe 90 Deg Elbow	EA	3	0%	3	0.300	$ 80.00	$ 24.00	$ 2.80	$ 26.80	$ 80.40
97			2" Dia Vent Pipe 90 Deg Elbow	EA	7	0%	7	0.330	$ 80.00	$ 26.40	$ 3.08	$ 29.48	$ 206.36
98			3" Dia Vent Pipe 90 Deg Elbow	EA	1	0%	1	0.524	$ 80.00	$ 41.94	$ 12.20	$ 54.14	$ 54.14
99			1-1/2" Dia Vent Pipe 45 Deg Elbow	EA	1	0%	1	0.300	$ 80.00	$ 24.00	$ 2.80	$ 26.80	$ 26.80
			TEE										
100			2" Dia Vent Pipe Tee	EA	5	0%	5	0.496	$ 80.00	$ 39.66	$ 3.52	$ 43.18	$ 215.90
101			3" Dia Vent Pipe Tee	EA	1	0%	1	0.790	$ 80.00	$ 63.18	$ 12.00	$ 75.18	$ 75.18
102			2" / 1-1/4" Dia Vent Pipe Tee	EA	3	0%	3	0.400	$ 80.00	$ 32.00	$ 3.25	$ 35.25	$ 105.75
			REDUCER										
103	A130, P100, P105,		2" / 1-1/2" Dia Vent Pipe Reducer	EA	3	0%	3	0.300	$ 80.00	$ 24.00	$ 1.96	$ 25.96	$ 77.88
104	P110, P115 & P700		2-1/2" / 2" Dia Vent Pipe Reducer	EA	1	0%	1	0.500	$ 80.00	$ 40.00	$ 4.85	$ 44.85	$ 44.85
105			3" / 2" Dia Vent Pipe Reducer	EA	1	0%	1	0.600	$ 80.00	$ 48.00	$ 6.50	$ 54.50	$ 54.50
106			3" / 2-1/2" Dia Vent Pipe Reducer	EA	1	0%	1	0.600	$ 80.00	$ 48.00	$ 6.85	$ 54.85	$ 54.85
			CONDENSATE DRAIN PIPE (BELOW GRADE)										
			PVC Plastic DWV Pipe W/ ASTM D 2665										
107			3/4" Dia Condensate Drain Pipe	LF	2	5%	2	0.053	$ 80.00	$ 4.22	$ 2.50	$ 6.72	$ 14.60
			CONDENSATE DRAIN PIPE (ABOVE GRADE)										
			PVC Plastic DWV Pipe W/ ASTM D 2665										
108			3/4" Dia Condensate Drain Pipe	LF	19	5%	20	0.053	$ 80.00	$ 4.22	$ 2.50	$ 6.72	$ 137.02
			CONDENSATE DRAIN PIPE FITTINGS										
			ELBOW										
109			3/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	4	0%	4	0.300	$ 80.00	$ 24.00	$ 2.85	$ 26.85	$ 107.40
			GAS PIPE (ABOVE GRADE)										
			Schedule 40 Steel Pipe, Malleable Iron Threaded Fittings, Painted										
110			3/4" Dia Gas Pipe	LF	14	5%	15	0.065	$ 80.00	$ 5.17	$ 2.03	$ 7.20	$ 108.31
111			1" Dia Gas Pipe	LF	10	5%	11	0.071	$ 80.00	$ 5.71	$ 3.01	$ 8.72	$ 95.16
112			1-1/4" Dia Gas Pipe	LF	57	5%	60	0.085	$ 80.00	$ 6.80	$ 4.06	$ 10.86	$ 649.37
113			1-1/2" Dia Gas Pipe	LF	26	5%	28	0.102	$ 80.00	$ 8.16	$ 5.50	$ 13.66	$ 378.66
114			2" Dia Gas Pipe	LF	57	5%	60	0.119	$ 80.00	$ 9.52	$ 6.52	$ 16.04	$ 959.21
115			2-1/2" Dia Gas Pipe	LF	26	5%	27	0.128	$ 80.00	$ 10.20	$ 7.85	$ 18.05	$ 489.73
			GAS PIPE FITTINGS										
			ELBOW										
116			3/4" Dia Gas Pipe 90 Deg Elbow	EA	1	0%	1	0.400	$ 80.00	$ 32.00	$ 3.50	$ 35.50	$ 35.50
117			1" Dia Gas Pipe 90 Deg Elbow	EA	3	0%	3	0.500	$ 80.00	$ 40.00	$ 4.50	$ 44.50	$ 133.50
118			1-1/4" Dia Gas Pipe 90 Deg Elbow	EA	18	0%	18	0.650	$ 80.00	$ 52.00	$ 11.50	$ 63.50	$ 1,143.00
119			1-1/2" Dia Gas Pipe 90 Deg Elbow	EA	1	0%	1	0.700	$ 80.00	$ 56.00	$ 14.50	$ 70.50	$ 70.50
120			2" Dia Gas Pipe 90 Deg Elbow	EA	3	0%	3	0.800	$ 80.00	$ 64.00	$ 25.50	$ 89.50	$ 268.50
121			2-1/2" Dia Gas Pipe 90 Deg Elbow	EA	4	0%	4	0.850	$ 80.00	$ 68.00	$ 28.50	$ 96.50	$ 386.00
			TEE										
122			1-1/2" Dia Gas Pipe Tee	EA	1	0%	1	0.650	$ 80.00	$ 52.00	$ 20.50	$ 72.50	$ 72.50
123			1-1/4" / 3/4" Dia Gas Pipe Tee	EA	1	0%	1	0.600	$ 80.00	$ 48.00	$ 18.50	$ 66.50	$ 66.50
124			1-1/4" / 1" Dia Gas Pipe Tee	EA	1	0%	1	0.600	$ 80.00	$ 48.00	$ 18.50	$ 66.50	$ 66.50
125			2" / 1-1/4" Dia Gas Pipe Tee	EA	1	0%	1	1.000	$ 80.00	$ 80.00	$ 30.50	$ 110.50	$ 110.50
			REDUCER										
126			1-1/4" / 3/4" Dia Gas Pipe Reducer	EA	5	0%	5	0.400	$ 80.00	$ 32.00	$ 16.50	$ 48.50	$ 242.50
127			1-1/4" / 1" Dia Gas Pipe Reducer	EA	2	0%	2	0.400	$ 80.00	$ 32.00	$ 16.50	$ 48.50	$ 97.00
128			1-1/2" / 1-1/4" Dia Gas Pipe Reducer	EA	2	0%	2	0.500	$ 80.00	$ 40.00	$ 20.14	$ 60.14	$ 120.28
129			2" / 1-1/4" Dia Gas Pipe Reducer	EA	2	0%	2	0.800	$ 80.00	$ 64.00	$ 28.50	$ 92.50	$ 185.00
			COMBUSTION AIR PIPE (BELOW GRADE)										
			PVC Pipe										
130			2" Dia Combustion Air Pipe	LF	85	5%	89	0.173	$ 80.00	$ 13.82	$ 9.15	$ 22.97	$ 2,039.79
			COMBUSTION AIR PIPE FITTINGS										
			ELBOW										
131			2" Dia Combustion Air Pipe 90 Deg Elbow	EA	12	0%	12	0.330	$ 80.00	$ 26.40	$ 3.08	$ 29.48	$ 353.76
			FLUE VENT PIPE (ABOVE GRADE)										
			PVC Pipe										
132			2" Dia Flue Vent Pipe	LF	57	5%	60	0.173	$ 80.00	$ 13.82	$ 9.15	$ 22.97	$ 1,371.20
			FLUE VENT PIPE FITTINGS										
			ELBOW										
133			2" Dia Flue Vent Pipe 90 Deg Elbow	EA	6	0%	6	0.330	$ 80.00	$ 26.40	$ 3.08	$ 29.48	$ 176.88
			KITCHEN EQUIPMENT FIXTURES										
134			22.: Prep Sink – Corner – TRIMARK S1-1223X4-US-FL-L, Furnished by KES, In	EA	2	0%	2	3.800	$ 80.00	$ 304.00	$ -	$ 304.00	$ 608.00
135			22.1: Prep Sink Faucet – Big Flo Faucet – T&S B-0293-01, Furnished by KES, Inst	EA	1	0%	1	1.850	$ 80.00	$ 148.00	$ -	$ 148.00	$ 148.00
136			22.2: Prep Sink Vegetable Wash Faucet – T&S B-0730, Furnished by KES, Installe	EA	1	0%	1	1.850	$ 80.00	$ 148.00	$ -	$ 148.00	$ 148.00
137			24.3: Hand Sink Wall Mounted-Splash Both, UNIVERSAL STAILESS EHS-1RL-	EA	3	0%	3	3.500	$ 80.00	$ 280.00	$ -	$ 280.00	$ 840.00
138		**Furnished By KES Installed By GC**	29.2: Dish Sink Add-A-Faucet w/ Pre-Rinse, T&SB-1033-12CRBJSK SUBSTI	EA	1	0%	1	3.500	$ 80.00	$ 280.00	$ -	$ 280.00	$ 280.00
139			29.4: Dish Sink Chemical Faucet, T&S B-2345-01-XXNotes:GC To Provide Conn	EA	1	0%	1	1.850	$ 80.00	$ 148.00	$ -	$ 148.00	$ 148.00
140			29B: 3 Comp Sink - 18x24in Bowls - 111 3/4in, NATIONWIDE FABRICATION	EA	1	0%	1	4.450	$ 80.00	$ 356.00	$ -	$ 356.00	$ 356.00
141			37: Mop Sink Faucet, T&S B-0660-BSTR	EA	1	0%	1	1.850	$ 80.00	$ 148.00	$ -	$ 148.00	$ 148.00
142			37.1:Mop Sink Chemical Faucet, T&S B-2345-01-XXNotes:1. GC To Provide Cor	EA	1	0%	1	1.850	$ 80.00	$ 148.00	$ -	$ 148.00	$ 148.00
143	**Furnished By KES In**		32K: Ice Maker Mounted On Soda Machine - Air Cooled, SCOTSMAN CO530MA	EA	1	0%	1	0.000	$ 80.00	$ -	$ -	$ -	$ -
144			32L: Ice Maker Mounted On Soda Machine - Remote Air Cooled, SCOTSMAN	EA	1	0%	1	0.000	$ 80.00	$ -	$ -	$ -	$ -
145	**Furnished By KES In**		22.3: Prep Sink Drain Assembly – T&S B-3950, Furnished by KES, Installed by G	EA	1	0%	1	0.000	$ 80.00	$ -	$ -	$ -	$ -
			PLUMBING FIXTURES										
146			1/2" Dia HB-1: Chemical Dispenser Hose Bib – SEE ARCH, Furnished by KES, In	EA	2	0%	2	1.000	$ 80.00	$ 80.00	$ -	$ 80.00	$ 160.00
147			1/2" Dia HB-2: Vegetable Wash Hose Bib – SEE ARCH, Furnished by KES, Instal	EA	1	0%	1	1.000	$ 80.00	$ 80.00	$ -	$ 80.00	$ 80.00
148			HS-1B: Restroom Hand Sink Faucet – SEE ARCH, Furnished by KES, Installed by	EA	2	0%	2	3.500	$ 80.00	$ 280.00	$ -	$ 280.00	$ 560.00
149		**Furnished By KES Installed By GC**	DM-1: Dish Sanitizing Machine (Pumped Outlet) – SEE ARCH, Furnished by KES	EA	1	0%	1	2.500	$ 80.00	$ 200.00	$ -	$ 200.00	$ 200.00
150			SK-1: Three Compartment Sink – SEE ARCH, Furnished by KES, Installed by GC	EA	1	0%	1	4.500	$ 80.00	$ 360.00	$ -	$ 360.00	$ 360.00
151			SK-2: Prep Sink – SEE ARCH, Furnished by KES, Installed by GC, Stainless steel	EA	1	0%	1	3.850	$ 80.00	$ 308.00	$ -	$ 308.00	$ 308.00
152			WS-1: Water Softener – CUNO CFSM1254E, Furnished by KES, Installed by GC,	EA	1	0%	1	6.500	$ 80.00	$ 520.00	$ -	$ 520.00	$ 520.00
153			PF-1: Speed Fill Faucet – SEE ARCH, Furnished by KES, Installed by GC, Wall-m	EA	1	0%	1	1.800	$ 80.00	$ 144.00	$ -	$ 144.00	$ 144.00
154			WC-1: Water Closet – KOHLER K-3519 W/ SEAT K-4666-C, Furnished by GC, I	EA	2	0%	2	4.250	$ 80.00	$ 340.00	$ 585.50	$ 925.50	$ 1,851.00
155		**Furnished By GC Installed By GC**	HS-1A: Restroom Hand Sink – AMERICAN STANDARD 9024.001EC, Furnished	EA	2	0%	2	2.500	$ 80.00	$ 200.00	$ 389.00	$ 589.00	$ 1,178.00
156			WH-1: Freeze Proof Wall Hydrant – WOODFORD MODEL 65, Furnished by GC,	EA	2	0%	2	1.500	$ 80.00	$ 120.00	$ 250.50	$ 370.50	$ 741.00
157			HS-2: Kitchen Hand Sink – SEE ARCH, Furnished by KES, Installed by GC, Stain	EA	3	0%	3	3.500	$ 80.00	$ 280.00	$ 625.00	$ 905.00	$ 2,715.00
158			RH-1: Freeze Proof Roof Hydrant – HOEPTNER 2131R, Furnished by GC, Install	EA	1	0%	1	3.250	$ 80.00	$ 260.00	$ 1,150.00	$ 1,410.00	$ 1,410.00
159	**Furnished By SPS**		SC-1: Bag-in-Box Soda Rack with Carbonators – SEE ARCH, Furnished by SPS, I	EA	1	0%	1	0.000	$ 80.00	$ -	$ -	$ -	$ -
			WATER HEATER										
160		**Furnished By GC Installed By GC**	DWH-1: Water Heater (Gas Tankless) – NAVIEN NPE-240A2, 199,000 Btu/h, 3/4	EA	1	0%	1	3.500	$ 80.00	$ 280.00	$ 1,939.00	$ 2,219.00	$ 2,219.00
161			DWH-2: Water Heater (Gas Tankless) – NAVIEN NPE-240A2, 199,000 Btu/h, 3/4	EA	1	0%	1	3.500	$ 80.00	$ 280.00	$ 1,939.00	$ 2,219.00	$ 2,219.00
162			DWH-3: Water Heater (Gas Tankless) – NAVIEN NPE-240A2, 199,000 Btu/h, 3/4	EA	1	0%	1	3.500	$ 80.00	$ 280.00	$ 1,939.00	$ 2,219.00	$ 2,219.00
			WATER HEATER DETAIL										
163		**Furnished By GC Installed By GC**	ET-1: Expansion Tank – AMTROL ST-5, Furnished by GC, Installed by GC, 2 gal	EA	1	0%	1	1.000	$ 80.00	$ 80.00	$ 84.50	$ 164.50	$ 164.50
164			3/4" Dia Check Valve	EA	1	0%	1	0.300	$ 80.00	$ 24.00	$ 14.50	$ 38.50	$ 38.50
165			3/4" Dia Pressure Relief Valve	EA	2	0%	2	0.350	$ 80.00	$ 28.00	$ 31.50	$ 59.50	$ 119.00
166			3/4" Dia Union	EA	2	0%	2	0.280	$ 80.00	$ 22.40	$ 11.50	$ 33.90	$ 67.80
167			3/4" Dia Shutoff Valve	EA	8	0%	8	0.320	$ 80.00	$ 25.60	$ 18.50	$ 44.10	$ 352.80

DETAILED BREAKDOWN OF ITEMS

Prepared for: Windsor Colorado, Store No. 6179, 1590 Main St, Windsor, CO 80550
Project ID: 2212026
Scope: M.E.P

NEDES
+1 (708) 381-0900

Date: 7-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
168			3/4" Dia End Cap	EA	2	0%	2	0.250	$ 80.00	$ 20.00	$ 3.50	$ 23.50	$ 47.00
169			3/4" Dia Drip Leg	EA	1	0%	1	0.300	$ 80.00	$ 24.00	$ 11.50	$ 35.50	$ 35.50
			WATER SOFTNER DETAILS										
170			1" Dia Ball Valve	EA	3	0%	3	0.300	$ 80.00	$ 24.00	$ 31.14	$ 55.14	$ 165.42
171			Resin Tank	EA	1	0%	1	1.850	$ 80.00	$ 148.00	$ 471.50	$ 619.50	$ 619.50
172			Brine Tank	EA	1	0%	1	2.250	$ 80.00	$ 180.00	$ 358.50	$ 538.50	$ 538.50
			WATER FILTRATION DETAILS										
173			1/2" Dia Full Port Ball Valve	EA	4	0%	4	0.350	$ 80.00	$ 28.00	$ 18.50	$ 46.50	$ 186.00
174			1/2" Dia Bypass Valve With Red Handle	EA	2	0%	2	0.400	$ 80.00	$ 32.00	$ 22.50	$ 54.50	$ 109.00
175			1/2" Dia Union	EA	4	0%	4	0.250	$ 80.00	$ 20.00	$ 14.50	$ 34.50	$ 138.00
176			Inhibitor	EA	1	0%	1	0.300	$ 80.00	$ 24.00	$ 28.50	$ 52.50	$ 52.50
			MISCELLANEOUS										
177			1-1/4" Dia Union	EA	3	0%	3	0.280	$ 80.00	$ 22.40	$ 28.50	$ 50.90	$ 152.70
178			1-1/4" Dia Dirt Leg	EA	3	0%	3	0.320	$ 80.00	$ 25.60	$ 18.50	$ 44.10	$ 132.30
179			3" Dia VTR: Vent Through Roof	EA	1	0%	1	1.000	$ 80.00	$ 80.00	$ 63.82	$ 143.82	$ 143.82
180			1/2" Dia Water Hammer Arrestor	EA	1	0%	1	0.850	$ 80.00	$ 68.00	$ 85.50	$ 153.50	$ 153.50
181		**Furnished By GC Installed By GC**	1/2" Dia BFP-1: RPZ Backflow Preventer – CONBRACO 4ALF-203-T2F, Furnish	EA	1	0%	1	2.500	$ 80.00	$ 200.00	$ 685.50	$ 885.50	$ 885.50
182			1/2" TP-3: Trap Primer (Three-Four Floor Drains) – PRECISION PLUMBING PR	EA	2	0%	2	1.000	$ 80.00	$ 80.00	$ 110.50	$ 190.50	$ 381.00
			CLEANOUTS & DRAINS										
183			2" Dia FD-1: Floor Drain – SIOUX CHIEF 842-2-PNR, Furnished by GC, Installe	EA	5	0%	5	1.320	$ 80.00	$ 105.60	$ 115.50	$ 221.10	$ 1,105.50
184			2" Dia TD-1: Trench Drain – ZURN Z886 8601 8602, Furnished by GC, Installed	EA	1	0%	1	1.500	$ 80.00	$ 120.00	$ 454.50	$ 574.50	$ 574.50
185		**Furnished By GC Installed By GC**	3" Dia FS-1: Floor Sink – SIOUX CHIEF 861-3PU2, Furnished by GC, Installed b	EA	8	0%	8	1.850	$ 80.00	$ 148.00	$ 330.01	$ 478.01	$ 3,824.08
186			4" Dia FCO-1: Floor Cleanout (3") – SIOUX CHIEF 852-3PNR, Furnished by GC,	EA	2	0%	2	2.500	$ 80.00	$ 200.00	$ 128.50	$ 328.50	$ 657.00
187			4" Dia FCO-2: Floor Cleanout (4") – SIOUX CHIEF 852-4PNR, Furnished by GC,	EA	4	0%	4	3.000	$ 80.00	$ 240.00	$ 146.50	$ 386.50	$ 1,546.00
			VALVES										
188			1/2" Dia Shutoff Valve	EA	35	0%	35	0.250	$ 80.00	$ 20.00	$ 11.98	$ 31.98	$ 1,119.30
189			1-1/4" Dia Shutoff Valve	EA	1	0%	1	0.500	$ 80.00	$ 40.00	$ 38.50	$ 78.50	$ 78.50
190			3/4" Dia Drain Valve	EA	2	0%	2	0.300	$ 80.00	$ 24.00	$ 14.50	$ 38.50	$ 77.00
191			1-1/4" Dia Gas Valve	EA	4	0%	4	0.380	$ 80.00	$ 30.40	$ 48.50	$ 78.90	$ 315.60
192			3/4" Dia Shutoff Valve	EA	4	0%	4	0.320	$ 80.00	$ 25.60	$ 20.50	$ 46.10	$ 184.40
193			3/4" Dia Thermostatic Mixing Valve	EA	2	0%	2	0.650	$ 80.00	$ 52.00	$ 117.98	$ 169.98	$ 339.96
194			1/2" Dia Service Valve	EA	2	0%	2	0.350	$ 80.00	$ 28.00	$ 34.28	$ 62.28	$ 124.56
195			3/4" Dia Thermostatic Mixing Valve, WATTS LFUSG-B	EA	3	0%	3	1.000	$ 80.00	$ 80.00	$ 146.50	$ 226.50	$ 679.50
			PVC COUPLING										
196			3/4" Dia	EA	3	0%	3						
197			1-1/4" Dia	EA	3	0%	3						
198			1-1/2" Dia	EA	3	0%	3						
199			2" Dia	EA	32	0%	32						
200			2-1/2" Dia	EA	2	0%	2						
201			3" Dia	EA	11	0%	11						
202			4" Dia	EA	11	0%	11						
			PIPE SUPPORT										
203			1/2" Dia Adjustable Clevis Hanger	EA	79	0%	79						
204			3/4" Dia Adjustable Clevis Hanger	EA	39	0%	39						
205			1" Dia Adjustable Clevis Hanger	EA	25	0%	25						
206			1-1/4" Dia Adjustable Clevis Hanger	EA	14	0%	14						
207			1-1/2" Dia Adjustable Clevis Hanger	EA	21	0%	21						
208			2" Dia Adjustable Clevis Hanger	EA	27	0%	27						
209			2-1/2" Dia Adjustable Clevis Hanger	EA	4	0%	4						
210			3" Dia Adjustable Clevis Hanger	EA	1	0%	1						
211			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	179	0%	179	0.120	$ 80.00	$ 9.60	$ 1.50	$ 11.10	$ 1,986.90
212			1/2" Dia Threaded Rod (1 Ea. = 1 FT)	EA	32	0%	32	0.140	$ 80.00	$ 11.20	$ 2.50	$ 13.70	$ 438.40
			TRENCHING & BACKFILLING										
213			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and Mat	CFT	1269	0%	1269	0.050	$ 80.00	$ 4.00	$ -	$ 4.00	$ 5,076.00
												SUBTOTAL	**$ 98,395**
			HVAC										
			FLEXIBLE DUCT										
214			6" Dia Flexible Duct, Factory Fabricated, Insulated, Round Duct, With An Outer Ja	LF	6	5%	6	0.053	$ 80.00	$ 4.22	$ 2.50	$ 6.72	$ 42.31
215			8" Dia Flexible Duct, Factory Fabricated, Insulated, Round Duct, With An Outer Ja	LF	33	5%	35	0.056	$ 80.00	$ 4.49	$ 3.50	$ 7.99	$ 277.12
216			10" Dia Flexible Duct, Factory Fabricated, Insulated, Round Duct, With An Outer J	LF	11	5%	12	0.065	$ 80.00	$ 5.17	$ 4.50	$ 9.67	$ 112.17
217			12" Dia Flexible Duct, Factory Fabricated, Insulated, Round Duct, With An Outer J	LF	16	5%	16	0.085	$ 80.00	$ 6.80	$ 8.50	$ 15.30	$ 250.77
			REFRIGERANT LIQUID PIPE										
			Type "ACR" Copper Pipe										
218			3/8" Dia Refrigerant Liquid Pipe	LF	30	5%	32	0.077	$ 80.00	$ 6.12	$ 3.25	$ 9.37	$ 295.16
			1/2" Thick Fiberglass Pipe Insulation										
219			3/8" Dia Refrigerant Liquid Pipe	LF	30	5%	32	0.046	$ 80.00	$ 3.67	$ 1.65	$ 5.32	$ 167.64
			REFRIGERANT LIQUID PIPE FITTINGS										
			ELBOW										
220		**Keynote # 20 & 21 On M100**	3/8" Dia Refrigerant Liquid Pipe 90 Deg Elbow	EA	6	0%	6	0.350	$ 80.00	$ 28.00	$ 3.14	$ 31.14	$ 186.84
			REFRIGERANT SUCTION PIPE										
			Type "ACR" Copper Pipe										
221			5/8" Dia Refrigerant Suction Pipe	LF	30	5%	32	0.078	$ 80.00	$ 6.26	$ 3.85	$ 10.11	$ 318.34
			1/2" Thick Fiberglass Pipe Insulation										
222			5/8" Dia Refrigerant Suction Pipe	LF	30	5%	32	0.051	$ 80.00	$ 4.08	$ 2.25	$ 6.33	$ 199.40
			REFRIGERANT SUCTION PIPE FITTINGS										
			ELBOW										
223			5/8" Dia Refrigerant Suction Pipe 90 Deg Elbow	EA	6	0%	6	0.400	$ 80.00	$ 32.00	$ 4.50	$ 36.50	$ 219.00
			AIR DEVICES										
224			CD1: Perforated Ceiling Supply Diffuser, NAILOR 4320A TYPE L, Face Size: 24	EA	1	0%	1	0.650	$ 80.00	$ 52.00	$ 85.50	$ 137.50	$ 137.50
225			CD1: Perforated Ceiling Supply Diffuser, NAILOR 4320A TYPE L, Face Size: 24	EA	2	0%	2	0.680	$ 80.00	$ 54.40	$ 92.15	$ 146.55	$ 293.10
226			CD1: Perforated Ceiling Supply Diffuser, NAILOR 4320A TYPE L, Face Size: 24	EA	3	0%	3	0.700	$ 80.00	$ 56.00	$ 95.12	$ 151.12	$ 453.36
227			CD2: Perforated Ceiling Supply Diffuser, NAILOR 4320A TYPE L, Face Size: 24	EA	4	0%	4	0.450	$ 80.00	$ 36.00	$ 56.50	$ 92.50	$ 370.00
228			CD3: Perforated Ceiling Supply Diffuser, NAILOR 4320A TYPE S, Face Size: 12	EA	2	0%	2	0.400	$ 80.00	$ 32.00	$ 40.50	$ 72.50	$ 145.00
229			SR2: Double Deflection Supply Register, NAILOR 51DH, Neck Size: 18"x6", Mo	EA	9	0%	9	0.420	$ 80.00	$ 33.60	$ 45.50	$ 79.10	$ 711.90
230			RG1: Perforated Ceiling Return Grille, NAILOR 4330R TYPE L, Face Size: 48"x2	EA	1	0%	1	1.000	$ 80.00	$ 80.00	$ 260.50	$ 340.50	$ 340.50
231			ER1: Perforated Ceiling Exhaust Grille, NAILOR 4330R TYPE S, Face Size: 12"x	EA	2	0%	2	0.400	$ 80.00	$ 32.00	$ 59.41	$ 91.41	$ 182.82
			ROOFTOP UNIT										
232			208/3/60, Weight (LBS): 1500	EA	1	0%	1	18.500	$ 80.00	$ 1,480.00	$ 14,500.00	$ 15,980.00	$ 15,980.00
233			RTU-2: Dining Room Rooftop Unit, CARRIER 48FCFN12, Nominal Tons: 10, Al	EA	1	0%	1	18.500	$ 80.00	$ 1,480.00	$ 14,500.00	$ 15,980.00	$ 15,980.00
			MAKEUP AIR UNIT										
234		**Furnished By HS & Installed By GC**	MAU-1: Direct-fired Makeup Air Unit W/ Evap Cooler, CAPTIVE-AIRE A1-D.250-15D Remarks: 1. 12.5:1 Max Turndown. Furnished With Disconnect, 24" Roof Curb, Evap Cooler, Screen Intake, And Washable Aluminum Filters	EA	1	0%	1	20.500	$ 80.00	$ 1,640.00	$ -	$ 1,640.00	$ 1,640.00
			CONDENSING UNIT										
235		**Furnished By WCS & Installed By GC**	CU-1: Condensing Unit - Walk-in Cooler, HARFORD KPCL99MZOP-3E Remark	EA	1	0%	1	25.500	$ 80.00	$ 2,040.00	$ -	$ 2,040.00	$ 2,040.00
236		**Furnished By KES & Installed By GC**	CU-2: Remote Condenser - Low Capacity Ice Maker, HOSHIZAKI URC-9FZ Rer	EA	1	0%	1	4.500	$ 80.00	$ 360.00	$ -	$ 360.00	$ 360.00
237			CU-3: Remote Condenser - Soda Machine Ice Maker, HOSHIZAKI URC-5FZ Rer	EA	1	0%	1	4.500	$ 80.00	$ 360.00	$ -	$ 360.00	$ 360.00
			EXHAUST FAN										
238		**Furnished By HS & Installed By GC**	EF-1: Upblast UL762 Exhaust Fan, CAPTIVE-AIRE DU180HFA, 2550 CFM, E.S	EA	1	0%	1	2.500	$ 80.00	$ 200.00	$ -	$ 200.00	$ 200.00
239			EF-2: Downblast Restroom Exhaust Fan, CAPTIVE-AIRE DR12HFA, 150 CFM,	EA	1	0%	1	2.250	$ 80.00	$ 180.00	$ -	$ 180.00	$ 180.00
			VIROGUARD										
240	**M100 & M700**	**Furnished By TDC & Installed By GC**	VG-1: Viroguard Hood Exhaust Fan Rooftop Containment System, ENVIROM	EA	1	0%	1	2.850	$ 80.00	$ 228.00	$ -	$ 228.00	$ 228.00
			KITCHEN HOOD										
241		**Furnished By HS & Installed By GC**	HD-1: Type I Canopy Hood With Perforated MAU And AC Supply Plenums, CAI	EA	1	0%	1	7.500	$ 80.00	$ 600.00	$ -	$ 600.00	$ 600.00
			SANITIZING EQUIPMENT										
242		**Furnished By TUV & Installed By GC**	SB-1: Bathroom Air Purification Unit, RGF ENVIRONMENTAL GROUPBRU	EA	2	0%	2	2.500	$ 80.00	$ 200.00	$ -	$ 200.00	$ 400.00
243			SH-1: Hvac Air Purification Unit, RGF ENVIRONMENTAL GROUPREME-HAI	EA	2	0%	2	2.500	$ 80.00	$ 200.00	$ -	$ 200.00	$ 400.00
244			SI-1: Ice Machine Treatment System, RGF ENVIRONMENTAL GROUPIMS-B-	EA	3	0%	3	2.500	$ 80.00	$ 200.00	$ -	$ 200.00	$ 600.00
			DAMPERS										
245			8" Dia Volume Damper	EA	6	0%	6	1.500	$ 80.00	$ 120.00	$ 38.50	$ 158.50	$ 951.00
246			28"x6" Volume Damper	EA	3	0%	3	2.000	$ 80.00	$ 160.00	$ 56.50	$ 216.50	$ 649.50
			DUCT WEIGHT										
247			Galvanized Sheet Metal Duct	LB	2185	5%	2294	0.078	$ 80.00	$ 6.26	$ 0.85	$ 7.11	$ 16,299.60
248			Rectangular 16 GA. Black Iron Duct	LB	189	5%	199	0.068	$ 80.00	$ 5.44	$ 1.00	$ 6.44	$ 1,279.22
			DUCT INSULATION										
249		**Assumed**	1-1/2" Thick Fiberglass Duct Insulation	SF	1842	5%	1934	0.021	$ 80.00	$ 1.70	$ 2.25	$ 3.95	$ 7,640.45
250			Wrap Or UL 1978 Factory-Manufactured Duct W/ Wrap For Rectangular 16 GA. Black Iron Duct	SF	71	5%	75	0.034	$ 80.00	$ 2.72	$ 1.50	$ 4.22	$ 315.61
			MISCELLANEOUS										
251			1-1/2" Dia Hose Barb	EA	1	0%	1	0.300	$ 80.00	$ 24.00	$ 18.50	$ 42.50	$ 42.50
252			6" Dia Bird Screen	EA	1	0%	1	0.500	$ 80.00	$ 40.00	$ 62.50	$ 102.50	$ 102.50
253			16"x16" Type 1 Hood Exhaust Air Radiused Elbows With An Inside Radius Of 0.5	EA	2	0%	2	1.500	$ 80.00	$ 120.00	$ 110.50	$ 230.50	$ 461.00
254			Audio/Visual Remote Smoke Detector Annunciator W/ Remote Key Operated Rese	EA	2	0%	2	0.560	$ 80.00	$ 44.80	$ 62.50	$ 107.30	$ 214.60

DETAILED BREAKDOWN OF ITEMS

Prepared for: Windsor Colorado, Store No. 6179, 1590 Main St, Windsor, CO 80550
Project ID: 2212026
Scope: M.E.P

NEDES
+1 (708) 381-0900

Date: 7-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
255		Furnished By Tenant & Installed By Contractor	Grease Duct Cleanout For 16"x16" Type 1 Hood Exhaust Air Duct, DW128ULWS	EA	1	0%	1	1.000	$ 80.00	$ 80.00	$ -	$ 80.00	$ 80.00
256		Furnished By TEMS & Installed By Contractor	Gridpoint Supply Probe	EA	2	0%	2	0.650	$ 80.00	$ 52.00	$ -	$ 52.00	$ 104.00
257			Gridpoint Thermostat	EA	2	0%	2	0.500	$ 80.00	$ 40.00	$ -	$ 40.00	$ 80.00
258			Gridpoint Zone Sensor Module	EA	2	0%	2	1.000	$ 80.00	$ 80.00	$ -	$ 80.00	$ 160.00
259			Remote Temperature Sensor	EA	1	0%	1	0.500	$ 80.00	$ 40.00	$ -	$ 40.00	$ 40.00
260		Keynote # 20 & 21 On M100	Filter Drier For 3/8" Dia Refrigerant Liquid Pipe	EA	3	0%	3	0.320	$ 80.00	$ 25.60	$ 20.50	$ 46.10	$ 138.30
261			Low Ambient Controls For 3/8" Dia Refrigerant Liquid Pipe	EA	3	0%	3	0.400	$ 80.00	$ 32.00	$ 65.50	$ 97.50	$ 292.50
262			Pressure Control For 5/8" Dia Refrigerant Suction Pipe	EA	3	0%	3	1.000	$ 80.00	$ 80.00	$ 250.50	$ 330.50	$ 991.50
263			Sight Glass For 3/8" Dia Refrigerant Liquid Pipe	EA	3	0%	3	0.280	$ 80.00	$ 22.40	$ 18.50	$ 40.90	$ 122.70
264			Temperature Control For 5/8" Dia Refrigerant Suction Pipe	EA	3	0%	3	1.250	$ 80.00	$ 100.00	$ 120.14	$ 220.14	$ 660.42
265			Weatherproof Housing For Refrigerant Pipe	EA	3	0%	3	1.000	$ 80.00	$ 80.00	$ 125.50	$ 205.50	$ 616.50
			VALVES										
266		Keynote # 20 & 21 On M100	1-1/2" Dia PVC Grease Drain Valve	EA	1	0%	1	0.500	$ 80.00	$ 40.00	$ 6.50	$ 46.50	$ 46.50
267			Solenoid Valve For 3/8" Dia Refrigerant Liquid Pipe	EA	3	0%	3	1.000	$ 80.00	$ 80.00	$ 62.50	$ 142.50	$ 427.50
268			Thermostatic Expansion Valve For 3/8" Dia Refrigerant Liquid Pipe	EA	3	0%	3	1.000	$ 80.00	$ 80.00	$ 228.50	$ 308.50	$ 925.50
			PIPE SUPPORTS										
269			3/8" Dia Adjustable Clevis Hanger	EA	1	0%	1						
270			5/8" Dia Adjustable Clevis Hanger	EA	1	0%	1						
271			3/8" Dia Threaded Rod (1 EA = 1 FT)	EA	2	0%	2	0.120	$ 80.00	$ 9.60	$ 1.50	$ 11.10	$ 22.20
			DUCT SUPPORTS										
272			3/8" Threaded Rod	EA	84	0%	84	0.120	$ 80.00	$ 9.60	$ 1.50	$ 11.10	$ 932.40
273			1" x 22 Ga. Strap	EA	42	0%	42	0.160	$ 80.00	$ 12.80	$ 2.25	$ 15.05	$ 632.10
												SUBTOTAL	$ 77,899
			ELECTRICAL										
			DISTRIBUTION										
			CONDUIT										
274			2-1/2" EMT Conduit	LF	12	5%	12	0.094	$ 80.00	$ 7.48	$ 5.80	$ 13.28	$ 163.70
275			4" EMT Conduit	LF	46	5%	48	0.119	$ 80.00	$ 9.52	$ 12.90	$ 22.42	$ 1,082.42
			CONDUCTOR										
276			#4 CU THHN/THWN	LF	12	5%	12	0.010	$ 80.00	$ 0.82	$ 1.85	$ 2.67	$ 32.86
277			#2/0 CU THHN/THWN	LF	46	5%	48	0.015	$ 80.00	$ 1.22	$ 4.87	$ 6.09	$ 294.21
278			#4/0 CU THHN/THWN	LF	47	5%	49	0.017	$ 80.00	$ 1.36	$ 7.35	$ 8.71	$ 429.47
279			#350 KCMIL CU THHN/THWN	LF	184	5%	193	0.026	$ 80.00	$ 2.11	$ 12.50	$ 14.61	$ 2,821.04
			LUGS										
280			Compression Lug CU With 1-Hole , #4 CU Wire	EA	2	0%	2	0.120	$ 80.00	$ 9.60	$ 4.50	$ 14.10	$ 28.20
281			Heat Shrink Tubing for #4 CU Wire	EA	2	0%	2	0.101	$ 80.00	$ 8.08	$ 1.50	$ 9.58	$ 19.16
282			Compression Lug CU With 1-Hole , #2/0 CU Wire	EA	4	0%	4	0.168	$ 80.00	$ 13.44	$ 7.85	$ 21.29	$ 85.16
283			Heat Shrink Tubing for #2/0 CU Wire	EA	4	0%	4	0.091	$ 80.00	$ 7.28	$ 3.20	$ 10.48	$ 41.92
284			Compression Lug CU With 1-Hole , #4/0 CU Wire	EA	8	0%	8	0.197	$ 80.00	$ 15.76	$ 11.72	$ 27.48	$ 219.84
285			Heat Shrink Tubing for #4/0 CU Wire	EA	8	0%	8	0.100	$ 80.00	$ 8.00	$ 3.90	$ 11.90	$ 95.20
286			Compression Lug CU With 1-Hole , #350 KCMIL CU Wire	EA	16	0%	16	0.289	$ 80.00	$ 23.12	$ 16.80	$ 39.92	$ 638.72
287			Heat Shrink Tubing for #350 KCMIL CU Wire	EA	16	0%	16	0.182	$ 80.00	$ 14.56	$ 4.30	$ 18.86	$ 301.76
			CIRCUIT BREAKER				0						
288			1P/15A Breaker	EA	4	0%	4	0.300	$ 80.00	$ 24.00	$ 25.00	$ 49.00	$ 196.00
289			1P/20A Breaker	EA	37	0%	37	0.320	$ 80.00	$ 25.60	$ 33.00	$ 58.60	$ 2,168.20
290			1P/20A Breaker, GFCI	EA	23	0%	23	0.350	$ 80.00	$ 28.00	$ 36.00	$ 64.00	$ 1,472.00
291			2P/20A Breaker	EA	1	0%	1	0.380	$ 80.00	$ 30.40	$ 52.00	$ 82.40	$ 82.40
292			2P/20A Breaker, GFCI	EA	3	0%	3	0.390	$ 80.00	$ 31.20	$ 56.00	$ 87.20	$ 261.60
293			2P/25A Breaker	EA	1	0%	1	0.500	$ 80.00	$ 40.00	$ 61.00	$ 101.00	$ 101.00
294			2P/30A Breaker	EA	2	0%	2	0.520	$ 80.00	$ 41.60	$ 68.00	$ 109.60	$ 219.20
295			2P/30A Breaker, GFCI	EA	3	0%	3	0.530	$ 80.00	$ 42.40	$ 72.00	$ 114.40	$ 343.20
296			3P/100A Breaker	EA	1	0%	1	0.700	$ 80.00	$ 56.00	$ 452.00	$ 508.00	$ 508.00
297			3P/15A Breaker	EA	2	0%	2	0.470	$ 80.00	$ 37.60	$ 85.00	$ 122.60	$ 245.20
298			3P/20A Breaker	EA	3	0%	3	0.490	$ 80.00	$ 39.20	$ 92.00	$ 131.20	$ 393.60
299			3P/225A Breaker	EA	1	0%	1	0.900	$ 80.00	$ 72.00	$ 1,102.00	$ 1,174.00	$ 1,174.00
300			3P/225A MCB	EA	1	0%	1	0.920	$ 80.00	$ 73.60	$ 1,320.00	$ 1,393.60	$ 1,393.60
301			3P/50A Breaker, GFCI	EA	2	0%	2	0.980	$ 80.00	$ 78.40	$ 216.00	$ 294.40	$ 588.80
302			3P/600A MCB	EA	1	0%	1	1.900	$ 80.00	$ 152.00	$ 3,526.00	$ 3,678.00	$ 3,678.00
303			3P/60A Breaker, HACR	EA	2	0%	2	0.580	$ 80.00	$ 46.40	$ 164.00	$ 210.40	$ 420.80
			PANEL										
304			Panel A: 600A, 120/208V, 3Ph, 4W, Mains: MCB, 48 Poles, Recessed Mounted,	EA	1	0%	1	22.650	$ 80.00	$ 1,812.00	$ 9,855.00	$ 11,667.00	$ 11,667.00
305			Panel B: 225A, 120/208V, 3Ph, 4W, Mains: MCB, 84 Poles, Recessed Mounted,	EA	1	0%	1	16.950	$ 80.00	$ 1,356.00	$ 4,792.32	$ 6,148.32	$ 6,148.32
			DEVICES										
306		Furnished By CMG & Install By Contractor	TVSS Unit, CITEL M50F-120Y-A	EA	1	0%	1	2.000	$ 80.00	$ 160.00	$ -	$ 160.00	$ 160.00
			DISCONNECT SWITCH										
307			3P/30A Non-Fused Disconnect Switch	EA	1	0%	1	0.700	$ 80.00	$ 56.00	$ 148.00	$ 204.00	$ 204.00
			GROUNDING										
308			#2 CU Grounding Conductor	LF	15	0%	15	0.013	$ 80.00	$ 1.04	$ 2.63	$ 3.67	$ 55.05
309			1/4" X 2" X10" 16-Hole Grounding Busbar, BURNDY BBB14210A	EA	1	0%	1	1.000	$ 80.00	$ 80.00	$ 237.00	$ 317.00	$ 317.00
			POWER										
			CONDUIT										
310			1/2" EMT Conduit With Pull String	LF	27	5%	28	0.043	$ 80.00	$ 3.40	$ 1.27	$ 4.67	$ 132.39
311			3/4" EMT Conduit	LF	5246	5%	5509	0.051	$ 80.00	$ 4.08	$ 1.60	$ 5.68	$ 31,289.95
312			1" EMT Conduit	LF	157	5%	164	0.060	$ 80.00	$ 4.76	$ 2.30	$ 7.06	$ 1,160.95
313			1" EMT Conduit With Pull String	LF	57	5%	59	0.060	$ 80.00	$ 4.76	$ 2.30	$ 7.06	$ 419.28
314		For Future Cell Booster	3" Dia EMT Conduit	LF	15	5%	16	0.102	$ 80.00	$ 8.16	$ 7.35	$ 15.51	$ 244.28
315			3/4" RGS Conduit	LF	17	5%	18	0.051	$ 80.00	$ 4.08	$ 3.20	$ 7.28	$ 128.57
316			1" RGS Conduit	LF	11	5%	12	0.060	$ 80.00	$ 4.76	$ 5.09	$ 9.85	$ 113.77
317			3/4" LFMC Conduit	LF	5	5%	5	0.051	$ 80.00	$ 4.08	$ 1.58	$ 5.66	$ 29.72
			CONDUCTOR										
318			2#18 Low Votage Cable	LF	44	5%	46	0.012	$ 80.00	$ 0.95	$ 0.23	$ 1.18	$ 54.60
319			2#18 Shielded Twisted Pair Cable	LF	99	5%	104	0.013	$ 80.00	$ 1.02	$ 1.26	$ 2.28	$ 236.72
320			CAT5E Cable	LF	159	5%	167	0.020	$ 80.00	$ 1.63	$ 0.22	$ 1.85	$ 308.39
321			#12 CU THHN/THWN	LF	11152	5%	11710	0.006	$ 80.00	$ 0.48	$ 0.25	$ 0.73	$ 8,501.38
322			#10 CU THHN/THWN	LF	5220	5%	5481	0.007	$ 80.00	$ 0.54	$ 0.32	$ 0.86	$ 4,735.69
323			#8 CU THHN/THWN	LF	472	5%	496	0.008	$ 80.00	$ 0.61	$ 0.77	$ 1.38	$ 685.43
324			#6 CU THHN/THWN	LF	357	5%	375	0.009	$ 80.00	$ 0.68	$ 1.17	$ 1.85	$ 693.41
			DEVICE										
325			1-Plex Receptacle, NEMA 5-20R	EA	1	0%	1	0.300	$ 80.00	$ 24.00	$ 18.91	$ 42.91	$ 42.91
326			2" EMT Conduit With Pull String	LF	12	0%	12	0.100	$ 80.00	$ 8.00	$ 4.20	$ 12.20	$ 146.40
327			20A Equipment Connection	EA	3	0%	3	0.520	$ 80.00	$ 41.60	$ -	$ 41.60	$ 124.80
328	E100, E110, E111, E600 & E710		2P/20A Special Purpose Receptacle	EA	1	0%	1	0.400	$ 80.00	$ 32.00	$ 32.00	$ 64.00	$ 64.00
329			2P/20A Special Purpose Receptacle, NEMA 14-30R	EA	1	0%	1	0.420	$ 80.00	$ 33.60	$ 36.00	$ 69.60	$ 69.60
330			2P/20A Special Purpose Receptacle, NEMA 6-20R	EA	1	0%	1	0.440	$ 80.00	$ 35.20	$ 38.00	$ 73.20	$ 73.20
331			2P/20A Special Purpose Receptacle, NEMA 6-30R	EA	1	0%	1	0.460	$ 80.00	$ 36.80	$ 39.00	$ 75.80	$ 75.80
332			2P/30A Special Purpose Receptacle, NEMA 6-30R	EA	2	0%	2	0.480	$ 80.00	$ 38.40	$ 41.00	$ 79.40	$ 158.80
333			2P/30A Switch	EA	1	0%	1	0.380	$ 80.00	$ 30.40	$ 54.00	$ 84.40	$ 84.40
334			3P/50A Special Purpose Receptacle With WP Cover, HUBBELL TAYMAC MX2	EA	2	0%	2	0.490	$ 80.00	$ 39.20	$ 33.16	$ 72.36	$ 144.72
335			6P/60A Contactor	EA	2	0%	2	0.600	$ 80.00	$ 48.00	$ 289.98	$ 337.98	$ 675.96
336		Furnished By Tenant & Inatall By Contractor	Bypass Distribution Panel	EA	1	0%	1	3.500	$ 80.00	$ 280.00	$ -	$ 280.00	$ 280.00
337			Cord Plug, NEMA 5-20P	EA	1	0%	1	0.300	$ 80.00	$ 24.00	$ 28.21	$ 52.21	$ 52.21
338			Double Duplex Receptacle, GFCI, NEMA 5-20R	EA	3	0%	3	0.400	$ 80.00	$ 32.00	$ 26.00	$ 58.00	$ 174.00
339			Double Duplex Receptacle, NEMA 5-20R	EA	4	0%	4	0.410	$ 80.00	$ 32.80	$ 24.00	$ 56.80	$ 227.20
340			Duplex Combination Isolated Receptacle, PASS & SEYMOUR #2095IGTRGRY,	EA	2	0%	2	0.470	$ 80.00	$ 37.60	$ 30.70	$ 68.30	$ 136.60
341			Duplex Receptacle, GFCI, NEMA 5-20R	EA	9	0%	9	0.410	$ 80.00	$ 32.80	$ 22.00	$ 54.80	$ 493.20
342			Duplex Receptacle, NEMA 5-20R	EA	27	0%	27	0.400	$ 80.00	$ 32.00	$ 21.00	$ 53.00	$ 1,431.00
343			Isolated Ground Double Duplex Receptacle, NEMA 5-20R	EA	1	0%	1	0.490	$ 80.00	$ 39.20	$ 74.00	$ 113.20	$ 113.20
344			Isolated Ground Duplex Receptacle, NEMA 5-20R	EA	1	0%	1	0.480	$ 80.00	$ 38.40	$ 62.00	$ 100.40	$ 100.40
345		Furnished By TPS & Install By Contractor	Littlefuse Shock-Block Device, GFCI	EA	1	0%	1	0.500	$ 80.00	$ 40.00	$ -	$ 40.00	$ 40.00
346			Single Pole Switch, WP	EA	3	0%	3	0.320	$ 80.00	$ 25.60	$ 22.00	$ 47.60	$ 142.80
			LIGHTING										
			CONDUIT										
347			1/2" EMT Conduit	LF	11	5%	11	0.043	$ 80.00	$ 3.40	$ 1.27	$ 4.67	$ 52.47
348			3/4" EMT Conduit	LF	1331	5%	1398	0.051	$ 80.00	$ 4.08	$ 1.60	$ 5.68	$ 7,940.41
349			1"" EMT Conduit	LF	131	5%	137	0.060	$ 80.00	$ 4.76	$ 2.30	$ 7.06	$ 970.58
			CONDUCTOR										
350			2#16 Low Voltage Control Cable	LF	11	5%	11	0.010	$ 80.00	$ 0.82	$ 0.56	$ 1.38	$ 15.46
351			CAT5 Low Voltage Cable	LF	104	5%	109	0.020	$ 80.00	$ 1.63	$ 0.23	$ 1.86	$ 202.53
352			#12 CU THHN/THWN	LF	3417	5%	3588	0.006	$ 80.00	$ 0.48	$ 0.26	$ 0.74	$ 2,640.82
353			#10 CU THHN/THWN	LF	659	5%	692	0.007	$ 80.00	$ 0.54	$ 0.42	$ 0.96	$ 667.02
			LIGHTING FIXTURES										
354			A1: 2x2 LED Lensed Troffer, NORA LIGHTING NPDBL-E22/334WLamp: Integ	EA	11	0%	11	1.050	$ 80.00	$ 84.00	$ -	$ 84.00	$ 924.00
355			B1: Recessed 6in Can Light, NORA LIGHTING NHIC-6G24ATFL With NTM-57	EA	7	0%	7	0.700	$ 80.00	$ 56.00	$ -	$ 56.00	$ 392.00
356			B2: Recessed 6in Can Light With LED Trim, NORA LIGHTING NHIC-6G24ATF	EA	36	0%	36	0.750	$ 80.00	$ 60.00	$ -	$ 60.00	$ 2,160.00

DETAILED BREAKDOWN OF ITEMS

Prepared for: Windsor Colorado, Store No. 6179, 1590 Main St, Windsor, CO 80550
Project ID: 2212026
Scope: M.E.P

NEDES
+1 (708) 381-0900

Date: 7-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE	UNIT MANHOUR	HOURLY WAGE	LABOR COST	MAT. COST	UNIT COST	SUB COST
357			C0: Low Profile LED - 1 FT, HERA LIGHTING EL/LED/12/WWLamp: Integral	EA	2	0%	2	0.864	$ 80.00	$ 69.12	$ -	$ 69.12	$ 138.24
358			C2: Low Profile LED - 3 FT, HERA LIGHTING EL/LED/34/WWLamp: Integral	EA	2	0%	2	0.876	$ 80.00	$ 70.08	$ -	$ 70.08	$ 140.16
359			C3: Low Profile LED - 4 FT, HERA LIGHTING EL/LED/46/WWLamp: Integral	EA	3	0%	3	0.888	$ 80.00	$ 71.04	$ -	$ 71.04	$ 213.12
360			C4: Low Profile LED - 5 FT, HERA LIGHTING EL/LED/59/WWLamp: Integral	EA	2	0%	2	0.950	$ 80.00	$ 76.00	$ -	$ 76.00	$ 152.00
361			E1: Emergency Light - Dual Head, EXITRONIX LED-90Lamp: Integral LEDMou	EA	5	0%	5	1.200	$ 80.00	$ 96.00	$ -	$ 96.00	$ 480.00
362			E2: Exterior Remote Emergency Light, EXITRONIX MLED1-B-WPLamp: Integr	EA	2	0%	2	1.250	$ 80.00	$ 100.00	$ -	$ 100.00	$ 200.00
363			E4: White Exit Sign With Emergency Light - Standard Red Letters, EXITRONIX	EA	3	0%	3	1.190	$ 80.00	$ 95.20	$ -	$ 95.20	$ 285.60
364		**Furnished By Tenant's Light/Lamp Supplier & Install By GC**	E7: Emergency Light, DUAL LITE EV2Lamp: Integral LEDMounting: VariousW	EA	13	0%	13	1.220	$ 80.00	$ 97.60	$ -	$ 97.60	$ 1,268.80
365			J4: Decorative Pendant, BARNLIGHT BLE-C-BRN-100-ASH-SB K-100-NA-GU	EA	2	0%	2	1.650	$ 80.00	$ 132.00	$ -	$ 132.00	$ 264.00
366			L1 (EA 2): LED Accent Light, PARADIGM LED AMC-1707-SLamp: FLEXSR-2	LF	40	0%	40	1.200	$ 80.00	$ 96.00	$ -	$ 96.00	$ 3,842.88
367			L2-4: Linear Indirect, FINELITE E1-I-L-4'-S-830-TG-120V-SC-FA-FE-C4Lamp:	EA	18	0%	18	1.020	$ 80.00	$ 81.60	$ -	$ 81.60	$ 1,468.80
368			P1: Pendant Light – Concrete Pendant, VISUAL COMFORT & CO. 700-TD-KRN	EA	3	0%	3	1.068	$ 80.00	$ 85.44	$ -	$ 85.44	$ 256.32
369			S1: Drive-Up Pick-Up Window Chime/Strobe, FEDERAL SIGNAL SLM500B W	EA	1	0%	1	0.780	$ 80.00	$ 62.40	$ -	$ 62.40	$ 62.40
370			T1: Track Head, JUNO R605L 30K 90CRI PDIM WFL BLLamp: Integral LEDMo	EA	7	0%	7	1.100	$ 80.00	$ 88.00	$ -	$ 88.00	$ 616.00
371			T-6: Track (6 FT), JUNO T 6FT BLMounting: SurfaceWatt: 0Remarks: Single Cir	EA	1	0%	1	1.250	$ 80.00	$ 100.00	$ -	$ 100.00	$ 100.00
372			T-8: Track (8 FT), JUNO T 8FT BLMounting: SurfaceWatt: 0Remarks: Single Cir	EA	1	0%	1	1.450	$ 80.00	$ 116.00	$ -	$ 116.00	$ 116.00
373			X6: Exterior Wall Pack, RAB LIGHTING WPLEDMLamp: Integral LEDMountin	EA	7	0%	7	1.068	$ 80.00	$ 85.44	$ -	$ 85.44	$ 598.08
374			X6E: Exterior Wall Pack With 90 Minute Battery Backup, RAB LIGHTING WPL	EA	1	0%	1	1.200	$ 80.00	$ 96.00	$ -	$ 96.00	$ 96.00
375			X7: Exterior Wall Pack, RAB LIGHTING WPLEDMLamp: Integral LEDMountin	EA	1	0%	1	1.020	$ 80.00	$ 81.60	$ -	$ 81.60	$ 81.60
376			X9 (EA 2): Exterior LED Channel Light, PARADIGM LED AMC-2410-SLamp: I	LF	17	0%	17	1.200	$ 80.00	$ 96.00	$ -	$ 96.00	$ 1,636.80
377		**Furnished By Tenant's Light/Lamp Supplier & Install By Hood Supplier**	H1: Vapor Proof Hood Light, Furnished With HoodLamp: (1) SATCO S28652Mo	EA	9	0%	9	1.250	$ 80.00	$ 100.00	$ -	$ 100.00	$ 900.00
378		**Furnished By Tenant's Walk-In Cooler Supplier & Install By GC**	W1: WIC LED LightLamp: Integral LEDMounting: SurfaceWatt: 29Remarks: We	EA	4	0%	4	1.150	$ 80.00	$ 92.00	$ -	$ 92.00	$ 368.00
			LIGHTING CONTROL										
379		**Furnished By Tenant's Light/Lamp Supplier & Install By GC**	LCP: Lighting Control Panel, ACUITY ARP INTENC08 NLT 8FCR	EA	1	0%	1	0.890	$ 80.00	$ 71.20	$ -	$ 71.20	$ 71.20
380			Line Voltage Occupancy Sensor, HUBBELL LHMTS 1-N-WH	EA	3	0%	3	0.480	$ 80.00	$ 38.40	$ -	$ 38.40	$ 115.20
381			Override Switch, ACUITY nPODMA 4P, Wall Mounted	EA	1	0%	1	1.000	$ 80.00	$ 80.00	$ -	$ 80.00	$ 80.00
			MISCELLANEOUS										
382			10"X10"X4" Gridpoint Junction Box	EA	2	0%	2	0.420	$ 80.00	$ 33.60	$ 34.40	$ 68.00	$ 136.00
383			4"x2-1/8" Deep Octagon J-Box With 1-1/2" Extension Ring	EA	2	0%	2	0.430	$ 80.00	$ 34.40	$ 8.41	$ 42.81	$ 85.62
384			Double Gang Junction Box	EA	2	0%	2	0.450	$ 80.00	$ 36.00	$ 24.50	$ 60.50	$ 121.00
385			Junction Box	EA	29	0%	29	0.400	$ 80.00	$ 32.00	$ 15.00	$ 47.00	$ 1,363.00
386			Single-Gand Junction Box	EA	2	0%	2	0.410	$ 80.00	$ 32.80	$ 18.00	$ 50.80	$ 101.60
												SUBTOTAL	**$ 122,960**
			COMMUNICATION										
			TELECOMMUNICATION										
			CONDUIT										
387			1" EMT Conduit Upto Ceiling	LF	210	5%	221	0.060	$ 80.00	$ 4.76	$ 2.30	$ 7.06	$ 1,556.73
388			1" EMT Conduit With Pull String	LF	24	5%	25	0.060	$ 80.00	$ 4.76	$ 2.30	$ 7.06	$ 177.91
			CONDUCTOR										
389			CAT6 Cable	LF	378	5%	397	0.021	$ 80.00	$ 1.70	$ 0.28	$ 1.98	$ 786.01
			DEVICES										
390			Data Outelt	EA	6	0%	6	0.320	$ 80.00	$ 25.60	$ 15.58	$ 41.18	$ 247.08
391			RJ45 Connector	EA	6	0%	6	0.080	$ 80.00	$ 6.40	$ 1.52	$ 7.92	$ 47.52
392			Junction Box	EA	6	0%	6	0.400	$ 80.00	$ 32.00	$ 15.00	$ 47.00	$ 282.00
393			Faceplate	EA	6	0%	6	0.100	$ 80.00	$ 8.00	$ 2.11	$ 10.11	$ 60.66
394			Data Outelt	EA	8	0%	8	0.320	$ 80.00	$ 25.60	$ 15.58	$ 41.18	$ 329.44
395			RJ45 Connector	EA	16	0%	16	0.080	$ 80.00	$ 6.40	$ 1.52	$ 7.92	$ 126.72
396			Double Gang Junction Box	EA	4	0%	4	0.450	$ 80.00	$ 36.00	$ 24.50	$ 60.50	$ 242.00
397			Faceplate	EA	8	0%	8	0.100	$ 80.00	$ 8.00	$ 2.11	$ 10.11	$ 80.88
398			24"x18"x3/4" Plywood Backboard	EA	2	0%	2	0.450	$ 80.00	$ 36.00	$ 21.95	$ 57.95	$ 115.90
			SECURITY										
			CONDUIT										
399			1/2" EMT Conduiut	LF	9	5%	10	0.043	$ 80.00	$ 3.40	$ 1.27	$ 4.67	$ 46.39
400	**E110**		3/4" EMT Conduit With Pull String	LF	12	5%	13	0.051	$ 80.00	$ 4.08	$ 1.60	$ 5.68	$ 71.57
			CONDUCTOR										
401			Multi-Conductor Composite Cable	LF	100	5%	105	0.006	$ 80.00	$ 0.48	$ 1.89	$ 2.37	$ 248.95
402			#18 CU THHN/THWN	LF	19	5%	20	0.003	$ 80.00	$ 0.27	$ 0.89	$ 1.16	$ 23.08
			DEVICES										
403			Door Contact	EA	2	0%	2	0.890	$ 80.00	$ 71.20	$ 35.70	$ 106.90	$ 213.80
404			Security System Keypad	EA	1	0%	1	1.500	$ 80.00	$ 120.00	$ 143.00	$ 263.00	$ 263.00
			AUDIO/VISUAL SYSTEM										
			CONDUCTOR										
405		**Furnished By Owner & Install By Contractor**	2#16 Speaker Cable	LF	86	5%	90	0.009	$ 80.00	$ 0.68		$ 0.68	$ 61.38
			DEVICES										
406			Recessed Speaker	EA	4	0%	4	1.000	$ 80.00	$ 80.00	$ 108.99	$ 188.99	$ 755.96
			MISCELLANEOUS										
407			4" SQ Junction Box For Camera	EA	2	0%	2	0.500	$ 80.00	$ 40.00	$ 23.55	$ 63.55	$ 127.10
408			Recessed Junction Box	EA	1	0%	1	0.500	$ 80.00	$ 40.00	$ 23.55	$ 63.55	$ 63.55
409			Recessed Single Gang Junction Box	EA	2	0%	2	0.500	$ 80.00	$ 40.00	$ 20.50	$ 60.50	$ 121.00
410			Single-Gand Junction Box	EA	1	0%	1	0.500	$ 80.00	$ 40.00	$ 17.50	$ 57.50	$ 57.50
												SUBTOTAL	**$ 6,106**
			UTILITIES										
			POWER										
			CONDUIT										
411			3/4" EMT Conduit	LF	22	5%	23	0.051	$ 80.00	$ 4.08	$ 1.60	$ 5.68	$ 130.49
412			1" EMT Conduit With Pull String	LF	78	5%	82	0.060	$ 80.00	$ 4.76	$ 2.30	$ 7.06	$ 581.48
413			1" PVC Conduit With Pull String	LF	97	5%	102	0.060	$ 80.00	$ 4.76	$ 2.30	$ 7.06	$ 716.69
			CONDUCTOR										
414			#12 CU THHN/THWN	LF	66	5%	69	0.006	$ 80.00	$ 0.48	$ 0.25	$ 0.73	$ 50.04
			DEVICES										
415			Duplex Receptacle, GFCI, WP While In Use Cover, NEMA 5-20R	EA	1	0%	1	0.350	$ 80.00	$ 28.00	$ 28.00	$ 56.00	$ 56.00
			SITE LIGHTING										
			CONDUCTOR										
416			#10 CU THHN/THWN	LF	2428	5%	2549	0.007	$ 80.00	$ 0.54	$ 0.32	$ 0.86	$ 2,202.59
			LIGHTING FIXTURES										
417		**Furnished By Tenant's Light/Lamp Supplier & Install By GC**	Lamp: LED Type 04 Distribution Mounting: Pole Watt: 175	EA	4	0%	4	3.150	$ 80.00	$ 252.00	$ -	$ 252.00	$ 1,008.00
418	**E115**		Lamp: LED Type 05 Distribution Mounting: Pole Watt: 175	EA	2	0%	2	3.150	$ 80.00	$ 252.00	$ -	$ 252.00	$ 504.00
419			Announce Sign	EA	1	0%	1	0.300	$ 80.00	$ 24.00	$ 30.00	$ 54.00	$ 54.00
			SECURITY										
			CONDUCTOR										
420			#14 Loop Detector Wire	LF	40	5%	42	0.008	$ 80.00	$ 0.61	$ 0.33	$ 0.94	$ 39.56
			LOW VOLTAGE										
			CONDUIT										
421			1" PVC Spare Conduit With Pull String	LF	44	5%	46	0.060	$ 80.00	$ 4.76	$ 0.56	$ 5.32	$ 243.83
			MISCELLANEOUS										
422			6"x6"x4" Junction Box	EA	2	0%	2	0.450	$ 80.00	$ 36.00	$ 28.32	$ 64.32	$ 128.64
423			Junction Box	EA	1	0%	1	0.400	$ 80.00	$ 32.00	$ 15.00	$ 47.00	$ 47.00
			TRENCHING & BACKFILLING										
424			Excavation & Backfilling (2' Deep x 1' Wide Trench) Including All Labor and Material/Equipment	CFT	222	0%	222	0.050	$ 80.00	$ 4.00	$ -	$ 4.00	$ 889.92
												SUBTOTAL	**$ 6,652**

	PROJECTED COST	**$348,157**
OVERHEAD AND PROFIT	**15%**	**$52,224**
INSURANCE	**3%**	**$10,445**
CONTINGENCY	**2%**	**$6,963**
TAX	**7%**	**$9,011**
SUGGESTED BID		**$426,799**

BREAKDOWN OF DUCT ITEMS

Prepared for: Windsor Colorado, Store No. 6179, 1590 Main St, Windsor, CO 80550
Project ID: 2212026
Scope: M.E.P

NEDES
National Estimating, Drafting & Engineering Services
+1 (708) 381-0900
Date: 7-Oct-26

SR #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
	HVAC				
	GALVANIZED SHEET METAL DUCT				
1	6" Dia Supply Air Duct	LF	59	10%	65
2	8" Dia Supply Air Duct	LF	19	10%	20
3	10" Dia Supply Air Duct	LF	14	10%	15
4	12" Dia Supply Air Duct	LF	15	10%	16
5	14"x14" Supply Air Duct	LF	8	10%	9
6	18"x6" Supply Air Duct	LF	22	10%	24
7	18"x10" Supply Air Duct	LF	7	10%	8
8	18"x16" Supply Air Duct	LF	11	10%	13
9	20"x10" Supply Air Duct	LF	13	10%	14
10	20"x12" Supply Air Duct	LF	23	10%	25
11	24"x10" Supply Air Duct	LF	7	10%	7
12	24"x20" Supply Air Duct	LF	12	10%	13
13	26"x10" Supply Air Duct	LF	29	10%	32
14	26"x16" Supply Air Duct	LF	20	10%	22
15	26"x20" Supply Air Duct	LF	15	10%	17
16	30"x10" Supply Air Duct	LF	25	10%	27
17	34"x16" Supply Air Duct	LF	8	10%	9
18	6" Return Air Duct	LF	1	10%	2
19	24"x18" Return Air Duct	LF	26	10%	29
20	24"x20" Return Air Duct	LF	10	10%	10
21	30"x16" Return Air Duct	LF	6	10%	7
22	46"x22" Return Air Duct	LF	1	10%	1
23	6"x6" Exhaust Air Duct	LF	15	10%	17
24	8"x6" Exhaust Air Duct	LF	8	10%	9
25	14"x14" Make-Up Air Duct	LF	18	10%	19
26	28"x6" Make-Up Air Duct	LF	6	10%	7
27	16"x16" Type 1 Hood Exhaust Air Duct	LF	11	10%	12
28	24"x10" Type 1 Hood Exhaust Air Duct	LF	2	10%	2

MATERIAL LIST

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
			PLUMBING				
			COLD WATER PIPE (ABOVE GRADE) CUT LENGTH = 10 LF)				
			Type "L" Copper Pipe W/Wrought Copper, Solder Joints Pressure Fittings: ASME B16.22.				
1			1/2" Dia Cold Water Pipe	EA	15	10%	17
2			3/4" Dia Cold Water Pipe	EA	9	10%	10
3			1" Dia Cold Water Pipe	EA	6	10%	7
4			1-1/2" Dia Cold Water Pipe	EA	8	10%	9
		Assumed	**1/2" Thick Fiberglass Insulation**				
5			1/2" Dia Cold Water Pipe	EA	15	10%	17
6			3/4" Dia Cold Water Pipe	EA	9	10%	10
7			1" Dia Cold Water Pipe	EA	6	10%	7
8			1-1/2" Dia Cold Water Pipe	EA	7	10%	8
			COLD WATER PIPE FITTINGS				
			ELBOW				
9			1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	33	0%	33
10			3/4" Dia Cold Water Pipe 90 Deg Elbow	EA	5	0%	5
11			1" Dia Cold Water Pipe 90 Deg Elbow	EA	6	0%	6
12			1-1/2" Dia Cold Water Pipe 90 Deg Elbow	EA	6	0%	6
			TEE				
13			1" Dia Cold Water Pipe Tee	EA	1	0%	1
14			1-1/2" Dia Cold Water Pipe Tee	EA	3	0%	3
15			3/4" / 1/2" Dia Cold Water Pipe Tee	EA	2	0%	2
16			1" / 1/2" Dia Cold Water Pipe Tee	EA	7	0%	7
17			1" / 3/4" Dia Cold Water Pipe Tee	EA	1	0%	1
18			1-1/2" / 1/2" Dia Cold Water Pipe Tee	EA	6	0%	6
19			1-1/2" / 3/4" Dia Cold Water Pipe Tee	EA	2	0%	2
			REDUCER				
20			1" / 1/2" Dia Cold Water Pipe Reducer	EA	1	0%	1
21			1" / 3/4" Dia Cold Water Pipe Reducer	EA	1	0%	1
22			1-1/2" / 1" Dia Cold Water Pipe Reducer	EA	5	0%	5
			HOT WATER PIPE (ABOVE GRADE) CUT LENGTH = 10 LF)				
			Type "L" Copper Pipe W/Wrought Copper, Solder Joints Pressure Fittings: ASME B16.22.				
23			1/2" Dia Hot Water Pipe	EA	13	10%	14
24			3/4" Dia Hot Water Pipe	EA	1	10%	1
25			1" Dia Hot Water Pipe	EA	7	10%	8
		Assumed	**3/4" Thick Fiberglass Insulation**				
26			1/2" Dia Hot Water Pipe	EA	13	10%	14
27			3/4" Dia Hot Water Pipe	EA	1	10%	1
28			1" Dia Hot Water Pipe	EA	7	10%	8
			HOT WATER PIPE FITTINGS				
			ELBOW				
29			1/2" Dia Hot Water Pipe 90 Deg Elbow	EA	25	0%	25
30			3/4" Dia Hot Water Pipe 90 Deg Elbow	EA	2	0%	2
31			1" Dia Hot Water Pipe 90 Deg Elbow	EA	8	0%	8
			TEE				
32			1" Dia Hot Water Pipe Tee	EA	2	0%	2
33			1" / 1/2" Dia Hot Water Pipe Tee	EA	7	0%	7
34			1" / 3/4" Dia Hot Water Pipe Tee	EA	2	0%	2
			REDUCER				
35			1" / 1/2" Dia Hot Water Pipe Reducer	EA	2	0%	2
			HOT WATER RETURN PIPE (ABOVE GRADE) CUT LENGTH = 10 LF)				
			Type "L" Copper Pipe W/Wrought Copper, Solder Joints Pressure Fittings: ASME B16.22.				
36			3/4" Dia Hot Water Return Pipe	EA	10	10%	11
		Assumed	**3/4" Thick Fiberglass Insulation**				
37			3/4" Dia Hot Water Return Pipe	EA	10	10%	11
			HOT WATER RETURN PIPE FITTINGS				
			ELBOW				
38			3/4" Dia Hot Water Return Pipe 90 Deg Elbow	EA	9	0%	9
			TEE				
39			3/4" Dia Hot Water Return Pipe Tee	EA	2	0%	2
40			3/4" / 1/2" Dia Hot Water Return Pipe Tee	EA	3	0%	3
			FILTER WATER PIPE (ABOVE GRADE) CUT LENGTH = 10 LF)				
			Type "L" Copper Pipe W/Wrought Copper, Solder Joints Pressure Fittings: ASME B16.22.				
41			1/2" Dia Filter Water Pipe	EA	19	10%	21
		Assumed	**1/2" Thick Fiberglass Insulation**				
42			1/2" Dia Filter Water Pipe	EA	19	10%	21
			COLD WATER PIPE FITTINGS				
			ELBOW				
43			1/2" Dia Filter Water Pipe 90 Deg Elbow	EA	26	0%	26
			TEE				
44			1/2" Dia Filter Water Pipe Tee	EA	5	0%	5
			REDUCER				
			TRAP PRIMER PIPE (BELOW GRADE) CUT LENGTH = 10 LF)				
		Assumed	**Type "K" Copper Pipe**				
45			1/2" Dia Trap Primer Pipe	EA	10	10%	11
			TRAP PRIMER PIPE FITTINGS				

MATERIAL LIST

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
			ELBOW				
46			1/2" Dia Trap Primer Pipe 45 Deg Elbow	EA	27	0%	27
			TRAP PRIMER PIPE (ABOVE GRADE) CUT LENGTH = 10 LF)				
			Type "L" Copper Pipe W/Wrought Copper, Solder Joints Pressure Fittings: ASME B16.22.				
47			1/2" Dia Trap Primer Pipe Pipe	EA	1	10%	1
		Assumed	**1/2" Thick Fiberglass Insulation**				
48			1/2" Dia Filter Water Pipe	EA	1	10%	1
			TRAP PRIMER PIPE FITTINGS				
			ELBOW				
49			1/2" Dia Trap Primer Pipe Pipe 90 Deg Elbow	EA	2	0%	2
			WASTE PIPE (BELOW GRADE) CUT LENGTH = 10 LF)				
			PVC Plastic DWV Pipe W/ ASTM D 2665				
50			2" Dia Waste Pipe	EA	1	10%	1
51			3" Dia Waste Pipe	EA	6	10%	7
52			4" Dia Waste Pipe	EA	2	10%	2
			WASTE PIPE FITTINGS				
			ELBOW				
53			3" Dia Waste Pipe 90 Deg Elbow	EA	3	0%	3
54			4" Dia Waste Pipe 90 Deg Elbow	EA	1	0%	1
55			3" Dia Waste Pipe 45 Deg Elbow	EA	5	0%	5
			WYE				
56			3" Dia Waste Pipe Wye	EA	3	0%	3
57			3" / 2" Dia IW Pipe Wye	EA	1	0%	1
58			3" / 2" Dia Waste Pipe Wye	EA	4	0%	4
59			4" / 3" Dia Waste Pipe Wye	EA	1	0%	1
			WASTE PIPE (ABOVE GRADE) CUT LENGTH = 10 LF)				
			PVC Plastic DWV Pipe W/ ASTM D 2665				
60			2" Dia Waste Pipe	EA	1	10%	1
			GREASE WASTE PIPE (BELOW GRADE) CUT LENGTH = 10 LF)				
			PVC Plastic DWV Pipe W/ ASTM D 2665				
61			2" Dia Grease Waste Pipe	EA	3	10%	3
62			3" Dia Grease Waste Pipe	EA	4	10%	4
63			4" Dia Grease Waste Pipe	EA	8	10%	9
			GREASE WASTE PIPE FITTINGS				
			ELBOW				
64			2" Dia Grease Waste Pipe 90 Deg Elbow	EA	6	0%	6
65			3" Dia Grease Waste Pipe 90 Deg Elbow	EA	8	0%	8
66			4" Dia Grease Waste Pipe 90 Deg Elbow	EA	3	0%	3
67			2" Dia Grease Waste Pipe 45 Deg Elbow	EA	13	0%	13
68			3" Dia Grease Waste Pipe 45 Deg Elbow	EA	10	0%	10
69			4" Dia Grease Waste Pipe 45 Deg Elbow	EA	3	0%	3
			WYE				
70			4" Dia Grease Waste Pipe Wye	EA	2	0%	2
71			4" / 2" Dia Grease Waste Pipe Wye	EA	8	0%	8
72			4" / 3" Dia Grease Waste Pipe Wye	EA	8	0%	8
			GREASE WASTE PIPE (ABOVE GRADE) CUT LENGTH = 10 LF)				
			PVC Plastic DWV Pipe W/ ASTM D 2665				
73			2" Dia Grease Waste Pipe	EA	1	10%	1
			WAS GREASE WASTETE PIPE FITTINGS				
			ELBOW				
74			2" Dia Grease Waste Pipe 90 Deg Elbow	EA	3	0%	3
			INDIRECT WASTE PIPE (ABOVE GRADE) CUT LENGTH = 10 LF)				
			PVC Plastic DWV Pipe W/ ASTM D 2665				
75			2" Dia Indirect Waste Pipe	EA	1	10%	1
			INDIRECT WASTE PIPE FITTINGS				
			ELBOW				
76			2" Dia Indirect Waste Pipe 90 Deg Elbow	EA	4	0%	4
			WYE				
77			2" Dia Indirect Waste Pipe Wye	EA	2	0%	2
			VENT PIPE (ABOVE GRADE) CUT LENGTH = 10 LF)				
			PVC Plastic DWV Pipe W/ ASTM D 2665				
78			1-1/4" Dia Vent Pipe	EA	3	10%	3
79			1-1/2" Dia Vent Pipe	EA	2	10%	2
80			2" Dia Vent Pipe	EA	12	10%	13
81			2-1/2" Dia Vent Pipe	EA	1	10%	1
82			3" Dia Vent Pipe	EA	1	10%	1
			VENT PIPE FITTINGS				
			ELBOW				
83			1-1/4" Dia Vent Pipe 90 Deg Elbow	EA	4	0%	4
84			1-1/2" Dia Vent Pipe 90 Deg Elbow	EA	3	0%	3
85			2" Dia Vent Pipe 90 Deg Elbow	EA	7	0%	7
86			3" Dia Vent Pipe 90 Deg Elbow	EA	1	0%	1
87			1-1/2" Dia Vent Pipe 45 Deg Elbow	EA	1	0%	1
			TEE				
88			2" Dia Vent Pipe Tee	EA	5	0%	5
89			3" Dia Vent Pipe Tee	EA	1	0%	1
90			2" / 1-1/4" Dia Vent Pipe Tee	EA	3	0%	3
			REDUCER				
91	**A130, P100, P105, P110, P115 & P700**		2" / 1-1/2" Dia Vent Pipe Reducer	EA	3	0%	3
92			2-1/2" / 2" Dia Vent Pipe Reducer	EA	1	0%	1
93			3" / 2" Dia Vent Pipe Reducer	EA	1	0%	1
94			3" / 2-1/2" Dia Vent Pipe Reducer	EA	1	0%	1
			CONDENSATE DRAIN PIPE (BELOW GRADE) CUT LENGTH = 10 LF)				
			PVC Plastic DWV Pipe W/ ASTM D 2665				
95			3/4" Dia Condensate Drain Pipe	EA	1	10%	1
			CONDENSATE DRAIN PIPE (ABOVE GRADE) CUT LENGTH = 10 LF)				
			PVC Plastic DWV Pipe W/ ASTM D 2665				
96			3/4" Dia Condensate Drain Pipe	EA	2	10%	2
			CONDENSATE DRAIN PIPE FITTINGS				
			ELBOW				
97			3/4" Dia Condensate Drain Pipe 90 Deg Elbow	EA	4	0%	4
			GAS PIPE (ABOVE GRADE) CUT LENGTH = 10 LF)				

MATERIAL LIST

Prepared for: Windsor Colorado, Store No. 6179, 1590 Main St, Windsor, CO 80550
Project ID: 2212026
Scope: M.E.P

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Date: 7-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
			Schedule 40 Steel Pipe, Malleable Iron Threaded Fittings, Painted				
98			3/4" Dia Gas Pipe	EA	1	10%	1
99			1" Dia Gas Pipe	EA	1	10%	1
100			1-1/4" Dia Gas Pipe	EA	6	10%	7
101			1-1/2" Dia Gas Pipe	EA	2	10%	2
102			2" Dia Gas Pipe	EA	6	10%	7
103			2-1/2" Dia Gas Pipe	EA	2	10%	2
			GAS PIPE FITTINGS				
			ELBOW				
104			3/4" Dia Gas Pipe 90 Deg Elbow	EA	1	0%	1
105			1" Dia Gas Pipe 90 Deg Elbow	EA	3	0%	3
106			1-1/4" Dia Gas Pipe 90 Deg Elbow	EA	18	0%	18
107			1-1/2" Dia Gas Pipe 90 Deg Elbow	EA	1	0%	1
108			2" Dia Gas Pipe 90 Deg Elbow	EA	3	0%	3
109			2-1/2" Dia Gas Pipe 90 Deg Elbow	EA	4	0%	4
			TEE				
110			1-1/2" Dia Gas Pipe Tee	EA	1	0%	1
111			1-1/4" / 3/4" Dia Gas Pipe Tee	EA	1	0%	1
112			1-1/4" / 1" Dia Gas Pipe Tee	EA	1	0%	1
113			2" / 1-1/4" Dia Gas Pipe Tee	EA	1	0%	1
			REDUCER				
114			1-1/4" / 3/4" Dia Gas Pipe Reducer	EA	5	0%	5
115			1-1/4" / 1" Dia Gas Pipe Reducer	EA	2	0%	2
116			1-1/2" / 1-1/4" Dia Gas Pipe Reducer	EA	2	0%	2
117			2" / 1-1/4" Dia Gas Pipe Reducer	EA	2	0%	2
			COMBUSTION AIR PIPE (BELOW GRADE) CUT LENGTH = 10 LF)				
			PVC Pipe				
118			2" Dia Combustion Air Pipe	EA	8	10%	9
			COMBUSTION AIR PIPE FITTINGS				
			ELBOW				
119			2" Dia Combustion Air Pipe 90 Deg Elbow	EA	12	0%	12
			FLUE VENT PIPE (ABOVE GRADE) CUT LENGTH = 10 LF)				
			PVC Pipe				
120			2" Dia Flue Vent Pipe	EA	6	10%	7
			FLUE VENT PIPE FITTINGS				
			ELBOW				
121			2" Dia Flue Vent Pipe 90 Deg Elbow	EA	6	0%	6
			KITCHEN EQUIPMENT FIXTURES				
122		**Furnished By KES Installed By GC**	22.: Prep Sink – Corner – TRIMARK S1-1223X4-US-FL-L, Furnished by KES, In	EA	2	0%	2
123			22.1: Prep Sink Faucet – Big Flo Faucet – T&S B-0293-01, Furnished by KES, Ins	EA	1	0%	1
124			22.2: Prep Sink Vegetable Wash Faucet – T&S B-0730, Furnished by KES, Installe	EA	1	0%	1
125			24.3: Hand Sink Wall Mounted-Splash Both, UNIVERSAL STAILESS EHS-1RL-	EA	3	0%	3
126			29.2: Dish Sink Add-A-Faucet w/ Pre-Rinse, T&SB-1033-12CRBJSK SUBSTI	EA	1	0%	1
127			29.4: Dish Sink Chemical Faucet, T&S B-2345-01-XXNotes:GC To Provide Conn	EA	1	0%	1
128			29B: 3 Comp Sink - 18x24in Bowls - 111 3/4in, NATIONWIDE FABRICATIO	EA	1	0%	1
129			37: Mop Sink Faucet, T&S B-0660-BSTR	EA	1	0%	1
130			37.1:Mop Sink Chemical Faucet, T&S B-2345-01-XXNotes:1. GC To Provide Cor	EA	1	0%	1
131		**Furnished By KES In**	32K: Ice Maker Mounted On Soda Machine - Air Cooled, SCOTSMAN CO530M	EA	1	0%	1
132			32L: Ice Maker Mounted On Soda Machine - Remote Air Cooled, SCOTSMAN	EA	1	0%	1
133		**Furnished By KES In**	22.3: Prep Sink Drain Assembly – T&S B-3950, Furnished by KES, Installed by G	EA	1	0%	1
			PLUMBING FIXTURES				
134		**Furnished By KES Installed By GC**	1/2" Dia HB-1: Chemical Dispenser Hose Bib – SEE ARCH, Furnished by KES, In	EA	2	0%	2
135			1/2" Dia HB-2: Vegetable Wash Hose Bib – SEE ARCH, Furnished by KES, Insta	EA	1	0%	1
136			HS-1B: Restroom Hand Sink Faucet – SEE ARCH, Furnished by KES, Installed by	EA	2	0%	2
137			DM-1: Dish Sanitizing Machine (Pumped Outlet) – SEE ARCH, Furnished by KES	EA	1	0%	1
138			SK-1: Three Compartment Sink – SEE ARCH, Furnished by KES, Installed by GC	EA	1	0%	1
139			SK-2: Prep Sink – SEE ARCH, Furnished by KES, Installed by GC, Stainless steel	EA	1	0%	1
140			WS-1: Water Softener – CUNO CFSM1254E, Furnished by KES, Installed by GC,	EA	1	0%	1
141			PF-1: Speed Fill Faucet – SEE ARCH, Furnished by KES, Installed by GC, Wall-m	EA	1	0%	1
142		**Furnished By GC Installed By GC**	WC-1: Water Closet – KOHLER K-3519 W/ SEAT K-4666-C, Furnished by GC, I	EA	2	0%	2
143			HS-1A: Restroom Hand Sink – AMERICAN STANDARD 9024.001EC, Furnishe	EA	2	0%	2
144			WH-1: Freeze Proof Wall Hydrant – WOODFORD MODEL 65, Furnished by GC,	EA	2	0%	2
145			HS-2: Kitchen Hand Sink – SEE ARCH, Furnished by KES, Installed by GC, Stair	EA	3	0%	3
146			RH-1: Freeze Proof Roof Hydrant – HOEPTNER 2131R, Furnished by GC, Install	EA	1	0%	1
147		**Furnished By SPS**	SC-1: Bag-in-Box Soda Rack with Carbonators – SEE ARCH, Furnished by SPS, I	EA	1	0%	1
			WATER HEATER				
148		**Furnished By GC Installed By GC**	DWH-1: Water Heater (Gas Tankless) – NAVIEN NPE-240A2, 199,000 Btu/h, 3/4	EA	1	0%	1
149			DWH-2: Water Heater (Gas Tankless) – NAVIEN NPE-240A2, 199,000 Btu/h, 3/4	EA	1	0%	1
150			DWH-3: Water Heater (Gas Tankless) – NAVIEN NPE-240A2, 199,000 Btu/h, 3/4	EA	1	0%	1
			WATER HEATER DETAIL				
151		**Furnished By GC Installed By GC**	ET-1: Expansion Tank – AMTROL ST-5, Furnished by GC, Installed by GC, 2 gal	EA	1	0%	1
152			3/4" Dia Check Valve	EA	1	0%	1
153			3/4" Dia Pressure Relief Valve	EA	2	0%	2
154			3/4" Dia Union	EA	2	0%	2
155			3/4" Dia Shutoff Valve	EA	8	0%	8
156			3/4" Dia End Cap	EA	2	0%	2
157			3/4" Dia Drip Leg	EA	1	0%	1
			WATER SOFTNER DETAILS				
158			1" Dia Ball Valve	EA	3	0%	3
159			Resin Tank	EA	1	0%	1
160			Brine Tank	EA	1	0%	1
			WATER FILTRATION DETAILS				
161			1/2" Dia Full Port Ball Valve	EA	4	0%	4
162			1/2" Dia Bypass Valve With Red Handle	EA	2	0%	2

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163			1/2" Dia Union	EA	4	0%	4
164			Inhibitor	EA	1	0%	1
			MISCELLANEOUS				
165			1-1/4" Dia Union	EA	3	0%	3
166			1-1/4" Dia Dirt Leg	EA	3	0%	3
167			3" Dia VTR: Vent Through Roof	EA	1	0%	1
168			1/2" Dia Water Hammer Arrestor	EA	1	0%	1
169		**Furnished By GC Installed By GC**	1/2" Dia BFP-1: RPZ Backflow Preventer – CONBRACO 4ALF-203-T2F, Furnish	EA	1	0%	1
170			1/2" TP-3: Trap Primer (Three-Four Floor Drains) – PRECISION PLUMBING PR	EA	2	0%	2
			CLEANOUTS & DRAINS				
171		**Furnished By GC Installed By GC**	2" Dia FD-1: Floor Drain – SIOUX CHIEF 842-2-PNR, Furnished by GC, Installe	EA	5	0%	5
172			2" Dia TD-1: Trench Drain – ZURN Z886 8601 8602, Furnished by GC, Installed	EA	1	0%	1
173			3" Dia FS-1: Floor Sink – SIOUX CHIEF 861-3PU2, Furnished by GC, Installed b	EA	8	0%	8
174			4" Dia FCO-1: Floor Cleanout (3") – SIOUX CHIEF 852-3PNR, Furnished by GC,	EA	2	0%	2
175			4" Dia FCO-2: Floor Cleanout (4") – SIOUX CHIEF 852-4PNR, Furnished by GC,	EA	4	0%	4
			VALVES				
176			1/2" Dia Shutoff Valve	EA	35	0%	35
177			1-1/4" Dia Shutoff Valve	EA	1	0%	1
178			3/4" Dia Drain Valve	EA	2	0%	2
179			1-1/4" Dia Gas Valve	EA	4	0%	4
180			3/4" Dia Shutoff Valve	EA	4	0%	4
181			3/4" Dia Thermostating Mixing Valve	EA	2	0%	2
182			1/2" Dia Service Valve	EA	2	0%	2
183			3/4" Dia Thermostating Mixing Valve, WATTS LFUSG-B	EA	3	0%	3
			PVC COUPLING				
184			3/4" Dia	EA	3	0%	3
185			1-1/4" Dia	EA	3	0%	3
186			1-1/2" Dia	EA	3	0%	3
187			2" Dia	EA	32	0%	32
188			2-1/2" Dia	EA	2	0%	2
189			3" Dia	EA	11	0%	11
190			4" Dia	EA	11	0%	11
			PIPE SUPPORT				
191			1/2" Dia Adjustable Clevis Hanger	EA	79	0%	79
192			3/4" Dia Adjustable Clevis Hanger	EA	39	0%	39
193			1" Dia Adjustable Clevis Hanger	EA	25	0%	25
194			1-1/4" Dia Adjustable Clevis Hanger	EA	14	0%	14
195			1-1/2" Dia Adjustable Clevis Hanger	EA	21	0%	21
196			2" Dia Adjustable Clevis Hanger	EA	27	0%	27
197			2-1/2" Dia Adjustable Clevis Hanger	EA	4	0%	4
198			3" Dia Adjustable Clevis Hanger	EA	1	0%	1
199			3/8" Dia Threaded Rod (1 Ea. = 1 FT)	EA	179	0%	179
200			1/2" Dia Threaded Rod (1 Ea. = 1 FT)	EA	32	0%	32
			TRENCHING & BACKFILLING				
201			Excavation & Backfilling (3' Deep x 1' Wide Trench) Including All Labor and Mat	CFT	1269	0%	1269
			HVAC				
			FLEXIBLE DUCT (CUT LENGTH = 10 LF)				
202			6" Dia Flexible Duct, Factory Fabricated, Insulated, Round Duct, With An Outer Ja	EA	1	10%	1
203			8" Dia Flexible Duct, Factory Fabricated, Insulated, Round Duct, With An Outer Ja	EA	4	10%	4
204			10" Dia Flexible Duct, Factory Fabricated, Insulated, Round Duct, With An Outer	EA	5	10%	6
205			12" Dia Flexible Duct, Factory Fabricated, Insulated, Round Duct, With An Outer	EA	2	10%	2
			REFRIGERANT LIQUID PIPE (CUT LENGTH = 10 LF)				
			Type "ACR" Copper Pipe				
206			3/8" Dia Refrigerant Liquid Pipe	EA	3	10%	3
			1/2" Thick Fiberglass Pipe Insulation				
207			3/8" Dia Refrigerant Liquid Pipe	EA	3	10%	3
			REFRIGERANT LIQUID PIPE FITTINGS				
			ELBOW				
208		**Keynote # 20 & 21 On M100**	3/8" Dia Refrigerant Liquid Pipe 90 Deg Elbow	EA	6	0%	6
			REFRIGERANT SUCTION PIPE (CUT LENGTH = 10 LF)				
			Type "ACR" Copper Pipe				
209			5/8" Dia Refrigerant Suction Pipe	EA	3	10%	3
			1/2" Thick Fiberglass Pipe Insulation				
210			5/8" Dia Refrigerant Suction Pipe	EA	3	10%	3
			REFRIGERANT SUCTION PIPE FITTINGS				
			ELBOW				
211			5/8" Dia Refrigerant Suction Pipe 90 Deg Elbow	EA	6	0%	6
			AIR DEVICES				
212			CD1: Perforated Ceiling Supply Diffuser, NAILOR 4320A TYPE L, Face Size: 24	EA	1	0%	1
213			CD1: Perforated Ceiling Supply Diffuser, NAILOR 4320A TYPE L, Face Size: 24	EA	2	0%	2
214			CD1: Perforated Ceiling Supply Diffuser, NAILOR 4320A TYPE L, Face Size: 24	EA	3	0%	3
215			CD2: Perforated Ceiling Supply Diffuser, NAILOR 4320A TYPE L, Face Size: 24	EA	4	0%	4
216			CD3: Perforated Ceiling Supply Diffuser, NAILOR 4320A TYPE S, Face Size: 12	EA	2	0%	2
217			SR2: Double Deflection Supply Register, NAILOR 51DH, Neck Size: 18"x6", Mo	EA	9	0%	9
218			RG1: Perforated Ceiling Return Grille, NAILOR 4330R TYPE L, Face Size: 48"x2	EA	1	0%	1
219			ER1: Perforated Ceiling Exhaust Grille, NAILOR 4330R TYPE S, Face Size: 12"x	EA	2	0%	2
			ROOFTOP UNIT				
220			RTU-1: Kitchen Rooftop Unit, CARRIER 48FCFN12, Nominal Tons: 10, Air Flo	EA	1	0%	1
221			RTU-2: Dining Room Rooftop Unit, CARRIER 48FCFN12, Nominal Tons: 10, Ai	EA	1	0%	1
			MAKEUP AIR UNIT				

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SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
222	M100 & M700	Furnished By HS & Installed By GC	MAU-1: Direct-fired Makeup Air Unit W/ Evap Cooler, CAPTIVE-AIRE A1-D.2	EA	1	0%	1
			CONDENSING UNIT				
223		Furnished By WCS & Installed By GC	CU-1: Condensing Unit - Walk-in Cooler, HARFORD KPCL99MZOP-3E Remark	EA	1	0%	1
224		Furnished By KES & Installed By GC	CU-2: Remote Condenser - Low Capacity Ice Maker, HOSHIZAKI URC-9FZ Rer	EA	1	0%	1
225			CU-3: Remote Condenser - Soda Machine Ice Maker, HOSHIZAKI URC-5FZ Rer	EA	1	0%	1
			EXHAUST FAN				
226		Furnished By HS & Installed By GC	EF-1: Upblast UL762 Exhaust Fan, CAPTIVE-AIRE DU180HFA, 2550 CFM, E.S	EA	1	0%	1
227			EF-2: Downblast Restroom Exhaust Fan, CAPTIVE-AIRE DR12HFA, 150 CFM,	EA	1	0%	1
			VIROGUARD				
228		Furnished By TDC & Installed By GC	VG-1: Viroguard Hood Exhaust Fan Rooftop Containment System, ENVIRO	EA	1	0%	1
			KITCHEN HOOD				
229		Furnished By HS & Installed By GC	HD-1: Type I Canopy Hood With Perforated MAU And AC Supply Plenums, CAI	EA	1	0%	1
			SANITIZING EQUIPMENT				
230		Furnished By TUV & Installed By GC	SB-1: Bathroom Air Purification Unit, RGF ENVIRONMENTAL GROUPBRU	EA	2	0%	2
231			SH-1: Hvac Air Purification Unit, RGF ENVIRONMENTAL GROUPREME-HA	EA	2	0%	2
232			SI-1: Ice Machine Treatment System, RGF ENVIRONMENTAL GROUPIMS-B-	EA	3	0%	3
			DAMPERS				
233			8" Dia Volume Damper	EA	6	0%	6
234			28"x6" Volume Damper	EA	3	0%	3
			DUCT WEIGHT				
235			Galvanized Sheet Metal Duct	LB	2185	10%	2403
236			Rectangular 16 GA. Black Iron Duct	LB	189	10%	208
			DUCT INSULATION				
237		Assumed	1-1/2" Thick Fiberglass Duct Insulation	SF	1842	10%	2026
238			Wrap Or UL 1978 Factory-Manufactured Duct W/ Wrap For Rectangular 16 GA. Black Iron Duct	SF	71	10%	78
			MISCELLANEOUS				
239			1-1/2" Dia Hose Barb	EA	1	0%	1
240			6" Dia Bird Screen	EA	1	0%	1
241			16"x16" Type 1 Hood Exhaust Air Radiused Elbows With An Inside Radius Of 0.5	EA	2	0%	2
242			Audio/Visual Remote Smoke Detector Annunciator W/ Remote Key Operated Res	EA	2	0%	2
243		Furnished By Tenant & Installed By Contractor	Grease Duct Cleanout For 16"x16" Type 1 Hood Exhaust Air Duct, DW128ULWS	EA	1	0%	1
244		Furnished By TEMS & Installed By Contractor	Gridpoint Supply Probe	EA	2	0%	2
245			Gridpoint Thermostat	EA	2	0%	2
246			Gridpoint Zone Sensor Module	EA	2	0%	2
247			Remote Temperature Sensor	EA	1	0%	1
248		Keynote # 20 & 21 On M100	Filter Drier For 3/8" Dia Refrigerant Liquid Pipe	EA	3	0%	3
249			Low Ambient Controls For 3/8" Dia Refrigerant Liquid Pipe	EA	3	0%	3
250			Pressure Control For 5/8" Dia Refrigerant Suction Pipe	EA	3	0%	3
251			Sight Glass For 3/8" Dia Refrigerant Liquid Pipe	EA	3	0%	3
252			Temperature Control For 5/8" Dia Refrigerant Suction Pipe	EA	3	0%	3
253			Weatherproof Housing For Refrigerant Pipe	EA	3	0%	3
			VALVES				
254			1-1/2" Dia PVC Grease Drain Valve	EA	1	0%	1
255		Keynote # 20 & 21 On M100	Solenoid Valve For 3/8" Dia Refrigerant Liquid Pipe	EA	3	0%	3
256			Thermostatic Expansion Valve For 3/8" Dia Refrigerant Liquid Pipe	EA	3	0%	3
			PIPE SUPPORTS				
257			3/8" Dia Adjustable Clevis Hanger	EA	1	0%	1
258			5/8" Dia Adjustable Clevis Hanger	EA	1	0%	1
259			3/8" Dia Threaded Rod (1 EA = 1 FT)	EA	2	0%	2
			DUCT SUPPORTS				
260			3/8" Threaded Rod	EA	84	0%	84
261			1" x 22 Ga. Strap	EA	42	0%	42
			ELECTRICAL				
			DISTRIBUTION				
			CONDUIT (CUT LENGTH = 10 LF)				
262			2-1/2" EMT Conduit	EA	1	10%	1
263			4" EMT Conduit	EA	5	10%	6
			CONDUCTOR (1 ROLL = 200 LF)				
264			#4 CU THHN/THWN	ROLL	1	10%	1
265			#2/0 CU THHN/THWN	ROLL	1	10%	1
266			#4/0 CU THHN/THWN	ROLL	1	10%	1
267			#350 KCMIL CU THHN/THWN	ROLL	1	10%	1
			LUGS				
268			Compression Lug CU With 1-Hole , #4 CU Wire	EA	2	0%	2
269			Heat Shrink Tubing for #4 CU Wire	EA	2	0%	2
270			Compression Lug CU With 1-Hole , #2/0 CU Wire	EA	4	0%	4
271			Heat Shrink Tubing for #2/0 CU Wire	EA	4	0%	4
272			Compression Lug CU With 1-Hole , #4/0 CU Wire	EA	8	0%	8
273			Heat Shrink Tubing for #4/0 CU Wire	EA	8	0%	8
274			Compression Lug CU With 1-Hole , #350 KCMIL CU Wire	EA	16	0%	16
275			Heat Shrink Tubing for #350 KCMIL CU Wire	EA	16	0%	16
			CIRCUIT BREAKER				0
276			1P/15A Breaker	EA	4	0%	4
277			1P/20A Breaker	EA	37	0%	37

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278			1P/20A Breaker, GFCI	EA	23	0%	23
279			2P/20A Breaker	EA	1	0%	1
280			2P/20A Breaker, GFCI	EA	3	0%	3
281			2P/25A Breaker	EA	1	0%	1
282			2P/30A Breaker	EA	2	0%	2
283			2P/30A Breaker, GFCI	EA	3	0%	3
284			3P/100A Breaker	EA	1	0%	1
285			3P/15A Breaker	EA	2	0%	2
286			3P/20A Breaker	EA	3	0%	3
287			3P/225A Breaker	EA	1	0%	1
288			3P/225A MCB	EA	1	0%	1
289			3P/50A Breaker, GFCI	EA	2	0%	2
290			3P/600A MCB	EA	1	0%	1
291			3P/60A Breaker, HACR	EA	2	0%	2
			PANEL				
292			Panel A: 600A, 120/208V, 3Ph, 4W, Mains: MCB, 48 Poles, Recessed Mounted,	EA	1	0%	1
293			Panel B: 225A, 120/208V, 3Ph, 4W, Mains: MCB, 84 Poles, Recessed Mounted,	EA	1	0%	1
			DEVICES				
294		**Furnished By CMG & Install By Contractor**	TVSS Unit, CITEL M50F-120Y-A	EA	1	0%	1
			DISCONNECT SWITCH				
295			3P/30A Non-Fused Disconnect Switch	EA	1	0%	1
			GROUNDING				
296			#2 CU Grounding Conductor (1 Roll = 200 LF)	ROLL	1	0%	1
297			1/4" X 2" X10" 16-Hole Grounding Busbar, BURNDY BBB14210A	EA	1	0%	1
			POWER				
			CONDUIT (CUT LENGTH = 10 LF)				
298			1/2" EMT Conduit With Pull String	EA	3	10%	3
299			3/4" EMT Conduit	EA	525	10%	578
300			1" EMT Conduit	EA	16	10%	18
301			1" EMT Conduit With Pull String	EA	6	10%	7
302		**For Future Cell Booster**	3" Dia EMT Conduit	EA	2	10%	2
303			3/4" RGS Conduit	EA	2	10%	2
304			1" RGS Conduit	EA	1	10%	1
305			3/4" LFMC Conduit	EA	1	10%	1
			CONDUCTOR (1 ROLL = 200 LF)				
306			2#18 Low Votage Cable	ROLL	1	10%	1
307			2#18 Shielded Twisted Pair Cable	ROLL	1	10%	1
308			CAT5E Cable	ROLL	1	10%	1
309			#12 CU THHN/THWN	ROLL	56	10%	62
310			#10 CU THHN/THWN	ROLL	26	10%	29
311			#8 CU THHN/THWN	ROLL	2	10%	2
312			#6 CU THHN/THWN	ROLL	2	10%	2
			DEVICE				
313			1-Plex Receptacle, NEMA 5-20R	EA	1	0%	1
314			2" EMT Conduit With Pull String	EA	1	0%	1
315			20A Equipment Connection	EA	3	0%	3
316	**E100, E110, E111, E600 & E710**		2P/20A Special Purpose Receptacle	EA	1	0%	1
317			2P/20A Special Purpose Receptacle, NEMA 14-30R	EA	1	0%	1
318			2P/20A Special Purpose Receptacle, NEMA 6-20R	EA	1	0%	1
319			2P/20A Special Purpose Receptacle, NEMA 6-30R	EA	1	0%	1
320			2P/30A Special Purpose Receptacle, NEMA 6-30R	EA	2	0%	2
321			2P/30A Switch	EA	1	0%	1
322			3P/50A Special Purpose Receptacle With WP Cover, HUBBELL TAYMAC MX2	EA	2	0%	2
323			6P/60A Contactor	EA	2	0%	2
324		**Furnished By Tenant & Inatall By Contractor**	Bypass Distribution Panel	EA	1	0%	1
325			Cord Plug, NEMA 5-20P	EA	1	0%	1
326			Double Duplex Receptacle, GFCI, NEMA 5-20R	EA	3	0%	3
327			Double Duplex Receptacle, NEMA 5-20R	EA	4	0%	4
328			Duplex Combination Isolated Receptacle, PASS & SEYMOUR #2095IGTRGRY,	EA	2	0%	2
329			Duplex Receptacle, GFCI, NEMA 5-20R	EA	9	0%	9
330			Duplex Receptacle, NEMA 5-20R	EA	27	0%	27
331			Isolated Ground Double Duplex Receptacle, NEMA 5-20R	EA	1	0%	1
332			Isolated Ground Duplex Receptacle, NEMA 5-20R	EA	1	0%	1
333		**Furnished By TPS & Install By Contractor**	Littlefuse Shock-Block Device, GFCI	EA	1	0%	1
334			Single Pole Switch, WP	EA	3	0%	3
			LIGHTING				
			CONDUIT (CUT LENGTH = 10 LF)				
335			1/2" EMT Conduit	EA	1	10%	1
336			3/4" EMT Conduit	EA	133	10%	146
337			1"" EMT Conduit	EA	13	10%	14
			CONDUCTOR (1 ROLL = 200 LF)				
338			2#16 Low Voltage Control Cable	ROLL	1	10%	1
339			CAT5 Low Voltage Cable	ROLL	1	10%	1
340			#12 CU THHN/THWN	ROLL	18	10%	20
341			#10 CU THHN/THWN	ROLL	4	10%	4
			LIGHTING FIXTURES				
342			A1: 2x2 LED Lensed Troffer, NORA LIGHTING NPDBL-E22/334WLamp: Integ	EA	11	0%	11
343			B1: Recessed 6in Can Light, NORA LIGHTING NHIC-6G24ATFL With NTM-51	EA	7	0%	7
344			B2: Recessed 6in Can Light With LED Trim, NORA LIGHTING NHIC-6G24ATI	EA	36	0%	36
345			C0: Low Profile LED - 1 FT, HERA LIGHTING EL/LED/12/WWLamp: Integral	EA	2	0%	2

MATERIAL LIST

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Project ID: 2212026
Scope: M.E.P

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+1 (708) 381-0900
Date: 7-Oct-26

SR #	Drawing #	Detail #	DESCRIPTION	UNIT	QUANTITY	WASTAGE	QUANTITY W/ WASTAGE
346			C2: Low Profile LED - 3 FT, HERA LIGHTING EL/LED/34/WWLamp: Integral	EA	2	0%	2
347			C3: Low Profile LED - 4 FT, HERA LIGHTING EL/LED/46/WWLamp: Integral	EA	3	0%	3
348			C4: Low Profile LED - 5 FT, HERA LIGHTING EL/LED/59/WWLamp: Integral	EA	2	0%	2
349			E1: Emergency Light - Dual Head, EXITRONIX LED-90Lamp: Integral LEDMou	EA	5	0%	5
350			E2: Exterior Remote Emergency Light, EXITRONIX MLED1-B-WPLamp: Integr	EA	2	0%	2
351			E4: White Exit Sign With Emergency Light - Standard Red Letters, EXITRONIX (	EA	3	0%	3
352		**Furnished By Tenant's Light/Lamp Supplier & Install By GC**	E7: Emergency Light, DUAL LITE EV2Lamp: Integral LEDMounting: VariousW	EA	13	0%	13
353			J4: Decorative Pendant, BARNLIGHT BLE-C-BRN-100-ASH-SB K-100-NA-GU	EA	2	0%	2
354			L1 (EA 2): LED Accent Light, PARADIGM LED AMC-1707-SLamp: FLEXSR-2	EA	4	0%	4
355			L2-4: Linear Indirect, FINELITE E1-I-L-4'-S-830-TG-120V-SC-FA-FE-C4Lamp:	EA	18	0%	18
356			P1: Pendant Light – Concrete Pendant, VISUAL COMFORT & CO. 700-TD-KRN	EA	3	0%	3
357			S1: Drive-Up Pick-Up Window Chime/Strobe, FEDERAL SIGNAL SLM500B W	EA	1	0%	1
358			T1: Track Head, JUNO R605L 30K 90CRI PDIM WFL BLLamp: Integral LEDM	EA	7	0%	7
359			T-6: Track (6 FT), JUNO T 6FT BLMounting: SurfaceWatt: 0Remarks: Single Cir	EA	1	0%	1
360			T-8: Track (8 FT), JUNO T 8FT BLMounting: SurfaceWatt: 0Remarks: Single Cir	EA	1	0%	1
361			X6: Exterior Wall Pack, RAB LIGHTING WPLEDMLamp: Integral LEDMountin	EA	7	0%	7
362			X6E: Exterior Wall Pack With 90 Minute Battery Backup, RAB LIGHTING WPL	EA	1	0%	1
363			X7: Exterior Wall Pack, RAB LIGHTING WPLEDMLamp: Integral LEDMountin	EA	1	0%	1
364			X9 (EA 2): Exterior LED Channel Light, PARADIGM LED AMC-2410-SLamp: I	EA	1	0%	1
365		**Furnished By Tenant's Light/Lamp Supplier & Install By Hood Supplier**	H1: Vapor Proof Hood Light, Furnished With HoodLamp: (1) SATCO S28652Mo	EA	9	0%	9
366		**Furnished By Tenant's Walk-In Cooler Supplier & Install By GC**	W1: WIC LED LightLamp: Integral LEDMounting: SurfaceWatt: 29Remarks: We	EA	4	0%	4
			LIGHTING CONTROL				
367		**Furnished By Tenant's Light/Lamp Supplier & Install By GC**	LCP: Lighting Control Panel, ACUITY ARP INTENC08 NLT 8FCR	EA	1	0%	1
368			Line Voltage Occupancy Sensor, HUBBELL LHMTS 1-N-WH	EA	3	0%	3
369			Override Switch, ACUITY nPODMA 4P, Wall Mounted	EA	1	0%	1
			MISCELLANEOUS				
370			10"X10"X4" Gridpoint Junction Box	EA	2	0%	2
371			4"x2-1/8" Deep Octagon J-Box With 1-1/2" Extension Ring	EA	2	0%	2
372			Double Gang Junction Box	EA	2	0%	2
373			Junction Box	EA	29	0%	29
374			Single-Gand Junction Box	EA	2	0%	2
			COMMUNICATION				
			TELECOMMUNICATION				
			CONDUIT (CUT LENGTH = 10 LF)				
375			1" EMT Conduit Upto Ceiling	EA	21	10%	23
376			1" EMT Conduit With Pull String	EA	2	10%	2
			CONDUCTOR (1 ROLL = 200 LF)				
377			CAT6 Cable	ROLL	2	10%	2
			DEVICES				
378			Data Outelt	EA	6	0%	6
			RJ45 Connector	EA	6	0%	6
			Junction Box	EA	6	0%	6
			Faceplate	EA	6	0%	6
379			Data Outelt	EA	8	0%	8
			RJ45 Connector	EA	16	0%	16
			Double Gang Junction Box	EA	4	0%	4
			Faceplate	EA	8	0%	8
380			24"x18"x3/4" Plywood Backboard	EA	2	0%	2
			SECURITY				
			CONDUIT (CUT LENGTH = 10 LF)				
381			1/2" EMT Conduiut	EA	1	10%	1
382	**E110**		3/4" EMT Conduit With Pull String	EA	1	10%	1
			CONDUCTOR				
383			Multi-Conductor Composite Cable	ROLL	1	10%	1
384			#18 CU THHN/THWN	ROLL	1	10%	1
			DEVICES				
385			Door Contact	EA	2	0%	2
386			Security System Keypad	EA	1	0%	1
			AUDIO/VISUAL SYSTEM				
			CONDUCTOR (1 ROLL = 200 LF)				
387		**Furnished By Owner & Install By Contractor**	2#16 Speaker Cable	ROLL	1	10%	1
			DEVICES				
388			Recessed Speaker	EA	4	0%	4
			MISCELLANEOUS				
389			4" SQ Junction Box For Camera	EA	2	0%	2
390			Recessed Junction Box	EA	1	0%	1
391			Recessed Single Gang Junction Box	EA	2	0%	2
392			Single-Gand Junction Box	EA	1	0%	1
			UTILITIES				
			POWER				
			CONDUIT (CUT LENGTH = 10 LF)				
393			3/4" EMT Conduit	EA	2	10%	2
394			1" EMT Conduit With Pull String	EA	8	10%	9

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395			1" PVC Conduit With Pull String	EA	10	10%	11
			CONDUCTOR (1 ROLL = 200 LF)				
396			#12 CU THHN/THWN	ROLL	1	10%	1
			DEVICES				
397			Duplex Receptacle, GFCI, WP While In Use Cover, NEMA 5-20R	EA	1	0%	1
			SITE LIGHTING				
			CONDUCTOR (1 ROLL = 200 LF)				
398			#10 CU THHN/THWN	ROLL	12	10%	13
			LIGHTING FIXTURES				
399	**E115**	**Furnished By Tenant's Light/Lamp Supplier & Install By GC**	PL1: Parking Lot Pole Light, BEACON RAR2-480L-185-5K7-UNVLamp: LED T	EA	4	0%	4
400			PL2: Parking Lot Pole Light, BEACON RAR2-480L-185-5K7-UNVLamp: LED T	EA	2	0%	2
401			Announce Sign	EA	1	0%	1
			SECURITY				
			CONDUCTOR (1 ROLL = 200 LF)				
402			#14 Loop Detector Wire (1 Roll = 200 LF)	ROLL	1	10%	1
			LOW VOLTAGE				
			CONDUIT (CUT LENGTH = 10 LF)		4		
403			1" PVC Spare Conduit With Pull String	EA	44	10%	48
			MISCELLANEOUS				
404			6"x6"x4" Junction Box	EA	2	0%	2
405			Junction Box	EA	1	0%	1