Braconier Plumbing & Heating Co., Inc.

Recap with Total Cost

Project Name: Bennett Ranch ELM Phase 2 100

Bid ID: 5918?

Report Time: 12/16/2021 12:47 PM

Profile Name: Standard

Labor Book: Braconier MCA

Scoped By: Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV,

2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV,

2P5.1 REV; System: ALL;

AutoBid Version: 2019 v2

There were 61 calculation messages.

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Data Calculated: 12/16/2021 12:46:18 PM

Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.6 REV, 2P4.6 REV, 2P5.1 REV, 2P5

Carbon Steel - Plain	End Black Sch 40	- ButtWl	d				
Material Multiplier: P1	1000 - Steel Pipe - (0.35					
<u>Item</u> <u>Size</u> A53 ERW	Quantity	<u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cos
2-1/2	705	30.24	7,464.80	0.22	158	0	7,46
2-1/2	4	30.24	42.34	0.23	1	0	4
2-1/2	32	30.24	342.92	0.26	8	0	34
3	139	39.56	1,929.47	0.26	36	0	1,92
3	76	39.56	1,050.45	0.27	20	0	1,05
3	75	39.56	1,041.22	0.31	23	0	1,04
3	4	39.56	55.38	0.33	1	0	5
4	184	56.34	3,633.07	0.33	61	0	3,63
4	250	56.34	4,926.02	0.34	84	0	4,92
6	24	99.00	838.53	0.43	10	0	83
Carbon Steel - Plain Er	nd Black Sch 40 - B	uttWld Tot	tals:				
	1,494		21,324		403	0	21,32
Carbon Steel - Threa	nded Black Sch 40	Throad	<u> </u>				
A53 CW 3/4 1 1-1/4 Carbon Steel - Threade	884 126 16 ed Black Sch 40 - T	10.28 13.82 18.76 hread Tota	3,182.07 607.20 107.71	0.08 0.09 0.11	71 11 2	0 0 0	3,18 60 10
	1,026		3,897		84	0	3,89
Cast Iron - Soil, No-l	Hub, - NoHub						
,	DEOO Cost Issas N	. IIk D!	0 D4~~ TX/I	0.42			
Material Multiplier: C		-	_		Total Hrs	Labor Cost	Total Cos
Material Multiplier: Cl <u>Item</u> <u>Size</u>	DF00 - Cast Iron N <u>Quantity</u>	o Hub Pipe <u>Price</u>	& Ftgs - TYI Mat. Cost	unit Lab Hr	Total Hrs	<u>Labor Cost</u>	Total Cos
Material Multiplier: Cl Item Size Pipe 10 ft NH	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>			
Material Multiplier: Cl Item Size Pipe 10 ft NH	Quantity 2,164	Price 17.84	Mat. Cost 16,597.52	Unit Lab Hr 0.12	261	0	16,59
Material Multiplier: Classification Size Pipe 10 ft NH 2 3	Quantity 2,164 342	Price 17.84 24.67	Mat. Cost 16,597.52 3,631.82	Unit Lab Hr 0.12 0.16	261 55	0	16,59 3,63
Material Multiplier: Clarent Size Pipe 10 ft NH 2 3 4	Quantity 2,164 342 140	Price 17.84 24.67 32.02	Mat. Cost 16,597.52 3,631.82 1,925.76	Unit Lab Hr 0.12 0.16 0.20	261 55 28	0	16,59 3,63 1,92
Material Multiplier: Clarent Size Pipe 10 ft NH 2 3 4 4	Quantity 2,164 342 140 2	Price 17.84 24.67 32.02 32.02	Mat. Cost 16,597.52 3,631.82 1,925.76 27.54	Unit Lab Hr 0.12 0.16 0.20 0.21	261 55 28 0	0 0 0	16,59 3,63 1,92 2
Material Multiplier: Clarent Size Pipe 10 ft NH 2 3 4 4 6	Quantity 2,164 342 140 2 118	Price 17.84 24.67 32.02 32.02 55.05	Mat. Cost 16,597.52 3,631.82 1,925.76 27.54 2,785.55	0.12 0.16 0.20 0.21 0.27	261 55 28 0 32	0 0 0 0	16,59 3,63 1,92 2 2,78
Material Multiplier: Clarent Size Pipe 10 ft NH 2 3 4 4 6 6	Quantity 2,164 342 140 2 118 170	Price 17.84 24.67 32.02 32.02 55.05 55.05	Mat. Cost 16,597.52 3,631.82 1,925.76 27.54 2,785.55 4,014.19	0.12 0.16 0.20 0.21 0.27 0.28	261 55 28 0 32 47	0 0 0 0 0	16,59 3,63 1,92 2 2,78 4,01
Material Multiplier: Claren Size Pipe 10 ft NH 2 3 4 4 6 6 8	Quantity 2,164 342 140 2 118 170 116	Price 17.84 24.67 32.02 32.02 55.05 55.05 85.59	Mat. Cost 16,597.52 3,631.82 1,925.76 27.54 2,785.55 4,014.19 4,254.95	0.12 0.16 0.20 0.21 0.27 0.28 0.36	261 55 28 0 32 47 42	0 0 0 0 0 0	16,59 3,63 1,92 2,78 4,01 4,25
Material Multiplier: Clatem Size Pipe 10 ft NH 2 3 4 6 6	Quantity 2,164 342 140 2 118 170 116 125	Price 17.84 24.67 32.02 32.02 55.05 55.05	Mat. Cost 16,597.52 3,631.82 1,925.76 27.54 2,785.55 4,014.19	0.12 0.16 0.20 0.21 0.27 0.28	261 55 28 0 32 47	0 0 0 0 0	Total Cos 16,59 3,63 1,92 2,78 4,01 4,25 4,58

There were 61 calculation messages.

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.4 REV, 2P4.6 REV, 2P4.6 REV, 2P5.1 REV, 2P5

Copper - PressFit - 1	PrssFit						
Material Multiplier: P	2000 - Copper Tube	e - CER - 0	.47				
<u>Item</u> <u>Size</u> Tube	Quantity	<u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	<u>Labor Cost</u>	Total Co
1/2	417	5.68	1,113.04	0.06	25	0	1,1
3/4	4,685	9.26	20,391.84	0.06	282	0	20,3
1	891	13.22	5,535.44	0.06	54	0	5,5
1-1/4	1,171	17.90	9,851.60	0.06	70	0	9,8
1-1/2	448	23.04	4,851.97	0.07	32	0	4,8
2	961	37.09	16,754.07	0.08	78	0	16,7
2	126	37.09	2,204.60	0.09	12	0	2,2
2	2	37.09	34.86	0.10	0	0	
2-1/2	360	52.36	8,864.56	0.09	33	0	8,8
3	30	73.12	1,036.00	0.10	3	0	1,0
Copper - PressFit - Pr	ssFit Totals:						
	9,092		70,638		589	0	70,6
				THE LABORE	LOTAL HES	Labor Cost	Total Co
Hard Tube 3/4	Ouantity 177	<u>Price</u> 6.74	Mat. Cost 562.17	Unit Lab Hr 0.06	Total Hrs 11	Labor Cost 0	
Hard Tube	177 / 5 Totals:		562.17		11	0	5
Hard Tube 3/4 Copper - Type M - 95/ PVC - Plain End Pla	177 /5 Totals: 177 177 astic Sch 40 - Solv	6.74 	562.17 562				5
Hard Tube 3/4 Copper - Type M - 95 /	177 /5 Totals: 177 177 astic Sch 40 - Solv	6.74 Wld Pipe - CHA	562.17 562 4 - 0.55	0.06	11	0	5
Hard Tube 3/4 Copper - Type M - 95/ PVC - Plain End Pla Material Multiplier: P Item Size	177 /5 Totals: 177 astic Sch 40 - Solv	6.74 	562.17 562		11	0	5
Hard Tube 3/4 Copper - Type M - 95/ PVC - Plain End Pla Material Multiplier: P	177 /5 Totals: 177 astic Sch 40 - Solv	6.74 Wld Pipe - CHA	562.17 562 4 - 0.55	0.06	11	0	5 Total Co
Hard Tube 3/4 Copper - Type M - 95/ PVC - Plain End Pla Material Multiplier: P Item Size Pipe	177 /5 Totals: 177 astic Sch 40 - Solv P3900 - PVC Sch 40 I	6.74 Wld Pipe - CHA Price	562.17 562 - 0.55 Mat. Cost	Unit Lab Hr	11 11 Total Hrs	0 Labor Cost	5 Total Co
Hard Tube 3/4 Copper - Type M - 95/ PVC - Plain End Pla Material Multiplier: P Item Size Pipe 2	177 /5 Totals: 177 astic Sch 40 - Solv P3900 - PVC Sch 40 1 Quantity 881	6.74 Wld Pipe - CHA Price 4.73	562.17 562 - 0.55 Mat. Cost 2,290.68	0.06 Unit Lab Hr 0.06	11 11 Total Hrs 53	0 Labor Cost 0	5 Total Co
Hard Tube 3/4 Copper - Type M - 95/ PVC - Plain End Pla Material Multiplier: P Item Size Pipe 2 3	177 /5 Totals: 177 astic Sch 40 - Solv 23900 - PVC Sch 40 Quantity 881 79	6.74 Wld Pipe - CHA Price 4.73 9.53	562.17 562 - 0.55 Mat. Cost 2,290.68 412.36	0.06 Unit Lab Hr 0.06 0.08	11 11 Total Hrs 53 6	0 0 Labor Cost 0 0	5 Total Co 2,2 4 2,9
Hard Tube 3/4 Copper - Type M - 95/ PVC - Plain End Pla Material Multiplier: P Item Size Pipe 2 3 4	177 /5 Totals: 177 astic Sch 40 - Solv P3900 - PVC Sch 40 I Quantity 881 79 413	6.74 Wld Pipe - CHA Price 4.73 9.53 12.82	562.17 562 562 562 562 562 562 562 56	0.06 Unit Lab Hr 0.06 0.08 0.09	11	0 0 Labor Cost 0 0	55 Total Co 2,2 4 2,9 2,8
Hard Tube 3/4 Copper - Type M - 95/ PVC - Plain End Pla Material Multiplier: P Item Size Pipe 2 3 4 6	177 75 Totals: 177 astic Sch 40 - Solv V 23900 - PVC Sch 40 1 Quantity 881 79 413 210	6.74 Wld Pipe - CHA Price 4.73 9.53 12.82 24.24	562.17 562 1 - 0.55 Mat. Cost 2,290.68 412.36 2,913.59 2,806.03	0.06 Unit Lab Hr 0.06 0.08 0.09 0.11	11 Total Hrs 53 6 37 23	0 Labor Cost 0 0 0 0 0	55 Total Ccc 2,2 4 2,9 2,8 3,5
Hard Tube 3/4 Copper - Type M - 95/ PVC - Plain End Pla Material Multiplier: P Item Size Pipe 2 3 4 6 8	177 75 Totals: 177 astic Sch 40 - Solv V 23900 - PVC Sch 40 I Quantity 881 79 413 210 172 11	6.74 Wld Pipe - CHA Price 4.73 9.53 12.82 24.24 37.72 53.15	562.17 562 562 562 562 562 562 562 56	0.06 Unit Lab Hr 0.06 0.08 0.09 0.11 0.15	11 Total Hrs 53 6 37 23 26	0 Labor Cost 0 0 0 0 0 0 0	55 Total Co 2,2 4 2,9 2,8 3,5
Hard Tube 3/4 Copper - Type M - 95/ PVC - Plain End Pla Material Multiplier: P Item Size Pipe 2 3 4 6 8 10	177 75 Totals: 177 astic Sch 40 - Solv V 23900 - PVC Sch 40 I Quantity 881 79 413 210 172 11	6.74 Wld Pipe - CHA Price 4.73 9.53 12.82 24.24 37.72 53.15	562.17 562 562 562 562 562 562 562 56	0.06 Unit Lab Hr 0.06 0.08 0.09 0.11 0.15	11 Total Hrs 53 6 37 23 26	0 Labor Cost 0 0 0 0 0 0 0	Total Co 50 Total Co 2,2 4 2,9 2,8 3,5 3

There were 61 calculation messages.

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

pples							
_	Brass - 125 Lb - Th	read					
Material Multiplier:	N2800 - Brass Flang	es - FLG -	0.75				
Item Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Co
Nipple							
1/2	2	27.34	41.01	0.05	0	0	
3/4	129	36.28	3,510.09	0.05	6	0	3,5
1-1/4	2	86.49	129.74	0.06	0	0	1
1-1/2	8	105.96	635.76	0.06	0	0	6
2	6	161.92	728.64	0.06	0	0	7
Brass - Threaded Br	ass - 125 Lb - Thread	Totals:					
	147		5,045		8	0	5,0
Carbon Steel - Thr	readed, Black Std -	Thread					
Material Multiplier:	N1000 - BEC - Steel	Nipples - B	EC - 1.00				
<u>Item Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Co
Steel Nipple							
1-1/4	1	5.15	5.15	0.06	0	0	
Welded							
3/4	19	3.75	71.25	0.05	1	0	
1-1/4	1	6.50	6.50	0.06	0	0	
	aded, Black Std - Thr				·	·	
	21		83		1	0	
Copper - Short Pie	ece - 95/5						
Material Multiplier:	N2000 - Copper Nip	oles - 0.60					
Item Size	Quantity	<u>Price</u>	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Co
Copper Nipple							
2	1	37.09	22.25	0.06	0	0	
Copper - Short Piece	e - 95/5 Totals:						
T. F. T.	1		22		0	0	
DVC Distr End C					<u> </u>	<u> </u>	
PVC - Plain End S							
	N3000 - PVC Nipple						
Item Size	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
Nipple							
2	49	4.73	125.16	0.06	3	0	1
3	17	9.53	87.49	0.08	1	0	
4	28	12.82	193.84	0.09	3	0	1
6	4	24.24	52.36	0.11	0	0	
8	6	37.72	122.21	0.15	1	0	1
10	1	53.15	28.70	0.25	0	0	

There were 61 calculation messages.

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41.44

3x2-1/2

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV,

5,760 Total Cost 1:
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39

There were 61 calculation messages.

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.6 REV, 2P4

2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Fittings

Carbon Steel - Butt Weld, Std Wt - ButtWld	
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Material Multiplier	:: F1000 - Carbor	Steel Buttweld Fitting	s - WEL - 0.47
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<u>Item</u>	<u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Redu	cer-Concentric							
	4x2-1/2	4	64.98	122.16	3.97	16	0	122
	6x2	1	336.69	158.24	4.09	4	0	158
Tee								
	2-1/2	1	86.87	40.83	5.53	6	0	41
	2-1/2	1	86.87	40.83	6.53	7	0	41
	4	2	135.84	127.69	7.22	14	0	128
	4	2	135.84	127.69	7.36	15	0	128

Carbon Steel - Butt Weld, Std Wt - ButtWld Totals:

106	2,715	466	0 2,715

Cast Iron - Soil, No-Hub, - NoHub

Material Multiplier: CDF00 - Cast Iron No Hub Pipe & Ftgs - TYL - 0.43

<u>Item</u>	<u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
1/8 Be	end							
:	2	57	22.70	556.38	0.38	22	0	556
:	2	12	22.70	117.13	0.39	5	0	117
	3	12	30.50	157.38	0.56	7	0	157
	3	2	30.50	26.23	0.57	1	0	26
	4	10	39.90	171.57	0.73	7	0	172
	4	1	39.90	17.16	0.74	1	0	17
	6	2	88.30	75.94	1.09	2	0	76
	6	3	88.30	113.91	1.11	3	0	114
	8	11	254.30	1,202.84	1.25	14	0	1,203
	8	4	254.30	437.40	1.27	5	0	437
	8	3	254.30	328.05	1.28	4	0	328

Material Multiplier: CDF00 - CHR - Cast Iron No Hub Pipe & Ftgs - CHR - 1.00

<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
1/4 Bend Long Sweep							
2	166	57.50	9,545.00	0.43	71	0	9,545
2	36	57.50	2,070.00	0.44	16	0	2,070
3	19	69.50	1,320.50	0.61	12	0	1,321
3	4	69.50	278.00	0.62	2	0	278
4	6	110.60	663.60	0.84	5	0	664
4	3	110.60	331.80	0.86	3	0	332
6	6	244.50	1,467.00	1.26	8	0	1,467
6	5	244.50	1,222.50	1.29	6	0	1,223

There were 61 calculation messages.

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV,

2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Fittings

Cast Iron - Soil, No-Hub, - NoHub

<u>Item Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
1/16 Bend							
2	7	23.20	69.83	0.37	3	0	70
3	1	27.00	11.61	0.54	1	0	12
1/4 Bend							
2	1	26.30	11.31	0.39	0	0	11
3	1	36.80	15.82	0.58	1	0	16
4	1	54.30	23.35	0.78	1	0	23
8	1	369.10	158.71	1.43	1	0	159
Closet Flange							
4	5	78.30	168.35	0.11	1	0	168
Combination							
2	150	38.30	2,470.35	0.57	86	0	2,470
2	9	38.30	148.22	0.58	5	0	148
3	3	60.30	77.79	0.86	3	0	78
3	1	60.30	25.93	0.88	1	0	26
4	3	116.50	150.29	1.19	4	0	150
6	1	318.80	137.08	1.88	2	0	137
Combination - Red							
3x3x2	6	48.00	123.84	0.75	5	0	124
4x4x2	8	62.40	214.66	0.92	7	0	215
4x4x3	1	88.90	38.23	1.05	1	0	38
8x8x4	2	388.60	334.20	1.64	3	0	334
8x8x6	3	581.30	749.88	1.98	6	0	750
IBCO W/Plug							
2	1	35.00	15.05	0.45	0	0	15
6	1	175.00	75.25	1.19	1	0	75
6	2	175.00	150.50	1.21	2	0	151
P-Trap							
2	4	38.30	65.88	0.42	2	0	66
3	1	84.10	36.16	0.65	1	0	36
Reducer							
3x2	11	18.90	89.40	0.45	5	0	89
3x2	1	18.90	8.13	0.46	0	0	8
4x2	4	28.60	49.19	0.62	2	0	49
4x3	2	28.60	24.60	0.62	1	0	25
4x3	1	28.60	12.30	0.63	1	0	12
6x4	1	77.00	33.11	0.98	1	0	33
8x3	1	113.00	48.59	1.04	1	0	49
8x3	1	113.00	48.59	1.06	1	0	49
8x4	1	118.80	51.08	1.04	1	0	51
8x6	2	132.20	113.69	1.06	2	0	114

There were 61 calculation messages.

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Bid ID: 5918? Report Time: 12/16/21 12:47 PM

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

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tings							
Cast Iron - Soil, No-	Hub, - NoHub						
Material Multiplier: C	CDF00-FTGS - Cast	Iron No-H	ub Fittings - (0.43			
Item Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cos
San Tee - Red							
3x3x2	2	39.70	34.14	0.73	1	0	34
Wye							
2	12	33.60	173.38	0.56	7	0	173
2	3	33.60	43.34	0.57	2	0	43
3	1	49.00	21.07	0.83	1	0	2
3	1	49.00	21.07	0.85	1	0	2
4	4	78.30	134.68	1.12	4	0	135
6	2	208.20	179.05	1.74	3	0	179
6	3	208.20	268.58	1.77	5	0	269
8	2	490.20	421.57	2.12	4	0	422
8	2	490.20	421.57	2.16	4	0	422
Wye - Reducing							
3x3x2	20	36.30	312.18	0.72	14	0	312
3x3x2	1	36.30	15.61	0.73	1	0	16
4x4x2	12	52.00	268.32	0.90	11	0	268
4x4x2	1	52.00	22.36	0.92	1	0	22
8x8x3	1	260.70	112.10	1.48	1	0	112
8x8x4	1	285.60	122.81	1.60	2	0	123
Material Multiplier: C	TDE20 HCKV A.	ooo Uuslay	No Hub Clak	va 0.40			
-		•		-	Tatal II	Labor Cost	Total Cont
<u>Item</u> <u>Size</u> Husky 2000 Cplg	Quantity	<u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	<u>Labor Cost</u>	Total Cost
2	1,024	22.10	9,052.16	0.05	51	0	9,052
3	152	25.50	1,550.40	0.05	8	0	1,550
4	114	29.60	1,349.76	0.05	6	0	1,350
6	76	69.50	2,112.80	0.05	4	0	2,113
8	74	143.20	4,238.72	0.05	4	0	4,239
Cast Iron - Soil, No-H	ub, - NoHub Totals	:					
	2,108		46,729		480	0	46,729
Copper - Pressure -	95/5						
Material Multiplier: F	2700 - Copper Fitti	ings - NIB -	0.15				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
45 Deg Elbow	•						
3/4	1	18.57	2.79	0.53	1	0	3
3/4	5	18.57	13.93	0.54	3	0	14
90 Deg Elbow							
3/4	7	13.38	14.05	0.53	4	0	14
3/4	18	13.38	36.13	0.54	10	0	36

There were 61 calculation messages.

Project Name: Bennett Ranch ELM Phase 2 100 Page: 8 of 33

Bid ID: 5918? Report Time: 12/16/21 12:47 PM

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

tings							
Copper - Pressure - 9	95/5						
Material Multiplier: F2	2700 - Copper Fitti	ngs - NIB -	0.15				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
Coupling							
3/4	4	9.03	5.42	0.53	2	0	5
Union							
3/4	3	102.30	46.04	0.79	2	0	46
Material Multiplier: U	D000 - Dielectric U	nions - EPC	C - 0.75				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
FIPxCU Die Union							
3/4	16	24.75	297.00	0.77	12	0	297
3/4	2	24.75	37.13	0.78	2	0	37
2	1	176.50	132.38	1.31	1	0	132
Copper - Pressure - 95	/5 Totals:						
	57		585		36	0	585

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1			

Copper - Propress - PP

Mate	Material Multiplier: F2300 - Copper ProPress - 0.55										
<u>Item</u>	<u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost			
45 D	eg Elbow										
	1/2	9	5.45	26.98	0.12	1	0	27			
	3/4	2	5.78	6.36	0.16	0	0	6			
	1	7	18.81	72.42	0.17	1	0	72			
	2-1/2	1	159.44	87.69	0.33	0	0	88			
90 D	eg Elbow										
	1/2	77	4.52	191.42	0.12	9	0	191			
	3/4	618	6.10	2,073.39	0.16	99	0	2,073			
	1	46	13.16	332.95	0.17	8	0	333			
	1-1/4	76	28.40	1,187.12	0.21	16	0	1,187			
	1-1/2	30	50.16	827.64	0.24	7	0	828			
	2	27	67.35	1,000.15	0.28	8	0	1,000			
	2	27	67.35	1,000.15	0.29	8	0	1,000			
	2	8	67.35	296.34	0.33	3	0	296			
	2-1/2	11	241.45	1,460.77	0.34	4	0	1,461			
	2-1/2	7	241.45	929.58	0.35	2	0	930			
	3	2	270.06	297.07	0.41	1	0	297			
Cap											
	1/2	80	8.64	380.16	0.08	6	0	380			
	3/4	87	14.84	710.09	0.10	9	0	710			
	1	24	22.87	301.88	0.11	3	0	302			
	1-1/4	9	27.35	135.38	0.12	1	0	135			
	2	4	51.52	113.34	0.16	1	0	113			

There were 61 calculation messages.

Project Name: Bennett Ranch ELM Phase 2 100 Page: 9 of 33

Bid ID: 5918? Report Time: 12/16/21 12:47 PM

Data Calculated: 12/16/2021 12:46:18 PM

Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV,

2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Fittings

Copper - Propress - PP

Material Multiplier:	F2300 - Copper Pro	Press - 0.55					
Item Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
Coupling							
1/2	173	4.07	387.26	0.12	21	0	387
3/4	913	6.16	3,093.24	0.16	146	0	3,093
1	125	12.36	849.75	0.17	21	0	850
1-1/4	142	15.93	1,244.13	0.20	29	0	1,244
1-1/2	75	29.07	1,199.14	0.24	18	0	1,199
1-1/2	4	29.07	63.95	0.25	1	0	64
2	118	37.07	2,405.84	0.27	32	0	2,406
2	33	37.07	672.82	0.28	9	0	673
2	7	37.07	142.72	0.32	2	0	143
2	1	37.07	20.39	0.34	0	0	20
2-1/2	23	119.97	1,517.62	0.31	7	0	1,518
2-1/2	10	119.97	659.84	0.32	3	0	660
3	2	136.05	149.66	0.37	1	0	150
Female Adapter							
1/2	8	4.99	21.96	0.32	3	0	22
3/4	30	8.11	133.82	0.44	13	0	134
1	2	14.94	16.43	0.53	1	0	16
1-1/4	1	33.69	18.53	0.61	1	0	19
2	4	83.12	182.86	0.82	3	0	183
Male Adapter							
1/2	14	4.14	31.88	0.09	1	0	32
3/4	174	7.47	714.88	0.11	19	0	715
1	7	13.69	52.71	0.11	1	0	53
1-1/4	91	29.96	1,499.50	0.13	12	0	1,499
1-1/2	14	42.01	323.48	0.15	2	0	323
2	33	80.89	1,468.15	0.17	6	0	1,468
2	1	80.89	44.49	0.20	0	0	44
2-1/2	6	241.45	796.79	0.20	1	0	797
3	1	270.06	148.53	0.23	0	0	149
Reducer							
3/4x1/2	39	18.65	400.04	0.14	5	0	400
1x3/4	2	21.80	23.98	0.16	0	0	24
1-1/4x1/2	1	32.81	18.05	0.18	0	0	18
1-1/4x3/4	40	32.81	721.82	0.18	7	0	722
1-1/4x1	29	32.81	523.32	0.19	6	0	523
1-1/2x3/4	2	48.29	53.12	0.22	0	0	53
1-1/2x1-1/4	5	48.29	132.80	0.22	1	0	133
2x3/4	8	54.37	239.23	0.24	2	0	239
2x1	1	54.37	29.90	0.24	0	0	30
2x1-1/4	6	54.37	179.42	0.24	1	0	179
2x1-1/2	7	54.37	209.32	0.24	2	0	209

There were 61 calculation messages.

Copper - Propress - PP

Project Name: Bennett Ranch ELM Phase 2 100 Page: 10 of 33

Bid ID: 5918? Report Time: 12/16/21 12:47 PM

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV,

2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Fittings

Material Multiplier: F2	2300 - Copper Prol	Press - 0.55					
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Reducer							
2-1/2x3/4	1	138.31	76.07	0.31	0	0	76
2-1/2x1	1	150.00	82.50	0.31	0	0	83
2-1/2x2	2	180.00	198.00	0.31	1	0	198
2-1/2x2	2	180.00	198.00	0.32	1	0	198
3x2-1/2	1	161.08	88.59	0.37	0	0	89
Tee							
1/2	4	6.89	15.16	0.16	1	0	15
3/4	161	12.07	1,068.80	0.22	35	0	1,069
1	3	22.12	36.50	0.24	1	0	36
1-1/4	5	38.09	104.75	0.28	1	0	105
1-1/4	3	38.09	62.85	0.29	1	0	63
1-1/2	2	34.85	38.34	0.34	1	0	38
2	3	72.53	119.67	0.39	1	0	120
2	2	72.53	79.78	0.40	1	0	80
2-1/2	1	298.28	164.05	0.48	0	0	164
Tee Reducing							
1/2x1/2x3/4	1	24.66	13.56	0.20	0	0	14
3/4x1/2x1/2	5	19.31	53.10	0.18	1	0	53
3/4x1/2x3/4	3	20.82	34.35	0.20	1	0	34
3/4x3/4x1/2	32	10.54	185.50	0.20	6	0	186
1x3/4x1/2	1	40.41	22.23	0.19	0	0	22
1x3/4x3/4	9	35.54	175.92	0.21	2	0	176
1x3/4x1	3	40.14	66.23	0.22	1	0	66
1x1x1/2	12	25.15	165.99	0.20	2	0	166
1x1x3/4	22	25.15	304.32	0.22	5	0	304
1-1/4x1-1/4x3/4	47	34.85	900.87	0.25	12	0	901
1-1/4x1-1/4x3/4	16	34.85	306.68	0.26	4	0	307
1-1/4x1-1/4x1	2	37.59	41.35	0.27	1	0	41
1-1/2x1-1/2x3/4	36	64.43	1,275.71	0.29	10	0	1,276
1-1/2x1-1/2x1-1/4	3	71.80	118.47	0.32	1	0	118
1-1/2x1-1/2x1-1/4	1	71.80	39.49	0.33	0	0	39
2x2x1/2	24	25.15	331.98	0.32	8	0	332
2x2x1-1/4	55	110.43	3,340.51	0.35	19	0	3,341
2x2x1-1/4	5	110.43	303.68	0.36	2	0	304
2x2x1-1/2	3	83.02	136.98	0.37	1	0	137
2-1/2x2-1/2x2	12	350.40	2,312.64	0.44	5	0	2,313
2-1/2x2-1/2x2	5	350.40	963.60	0.45	2	0	964
3x3x2-1/2	1	397.57	218.66	0.55	1	0	219
Union							
3/4	72	34.54	1,367.78	0.41	30	0	1,368
1-1/4	4	78.77	173.29	0.56	2	0	173

There were 61 calculation messages.

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV,

tings							
Copper - Propress	- PP						
Material Multiplier:	F2300 - Copper Pro	Press - 0.55					
Item Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cos
Union							
1-1/2	16	106.97	941.34	0.64	10	0	94
2	12	174.64	1,152.62	0.76	9	0	1,13
2	2	174.64	192.10	0.77	2	0	1
Copper - Propress - 1	PP Totals:						
	3,899		49,294		748	0	49,29
Malleable Iron - T	hreaded, Black Cla	ss 150 - Tł	nread				
	<u> </u>						
Material Multiplier: <u>Item Size</u>	Ouantity	on Fittings Price	- WAK - 0.35 <u>Mat. Cost</u>	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
90 Deg Elbow	<u>Quantity</u>	<u>111cc</u>	Mat. Cost	CIIIC Eab III	<u>Total III s</u>	<u>Labor Cost</u>	10tar Co
3/4	134	9.25	433.83	0.69	92	0	4
3/4	26	9.25	84.18	0.70	18	0	
1	2	16.09	11.26	0.86	2	0	
1	2	16.09	11.26	0.87	2	0	
1-1/4	2	26.53	18.57	0.99	2	0	
Cap							
3/4	1	10.50	3.68	0.37	0	0	
1-1/4	1	16.75	5.86	0.51	1	0	
Coupling							
3/4	3	12.41	13.03	0.69	2	0	
3/4	3	12.41	13.03	0.70	2	0	
1	4	18.62	26.07	0.86	3	0	:
1	2	18.62	13.03	0.87	2	0	
1-1/4	2	24.09	16.86	0.98	2	0	
Tee							
3/4	32	14.73	164.98	1.02	33	0	10
3/4	6	14.73	30.93	1.04	6	0	3
1-1/4	1	40.82	14.29	1.44	1	0	
Tee-Reducing					_		
1x1x3/4	1	28.73	10.06	1.17	1	0	
Union		44.40		2.5		-	
3/4	1	41.18	14.41	0.94	1	0	
1-1/4 Malleable Iron - Thr	1 anded Rlack Class 1	76.99 50 - Thread	26.95	1.33	1	0	2
Mancadie 17011 - 1 ff	<u> </u>	50 - 1 IIFeau					
	224		912		172	0	91

There were 61 calculation messages.

Project Name: Bennett Ranch ELM Phase 2 100 Page: 12 of 33

Bid ID: 5918? Report Time: 12/16/21 12:47 PM

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.4 REV, 2P4.5 REV, 2P4

2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Fittings

PVC -	GPK	Hub	y Hub	DWV -	SolvWld
	(TI IX		X IIIII	17 77 7 -	· MOIV VVIII

Material Multiplier: F3B00 - PVC DWV Fittings - SPE - 0.75
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<u>Item</u> <u>Siz</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Bushing							
10x8	1	581.63	436.22	0.50	1	0	436
Wye - Red	icing						
10x10	x6 1	834.61	625.96	0.00	0	0	626

PVC - GPK Hub x Hub DWV - SolvWld Totals:

2	1,062	1	0	1,062

PVC - Hub x Hub Plastic DWV - SolvWld

Material Multiplier: F3B00 - CHA - PVC DWV Fittings - CHA - 0.15

<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
1/16 Bend							
2	9	32.09	43.32	0.23	2	0	43
4	2	124.99	37.50	0.44	1	0	37
6	2	721.95	216.59	0.66	1	0	217
1/4 Bend Long Sweep							
2	93	50.35	702.38	0.26	24	0	702
3	10	116.01	174.02	0.34	3	0	174
4	25	218.88	820.80	0.44	11	0	821
6	2	623.97	187.19	0.67	1	0	187
1/8 Bend							
2	61	28.45	260.32	0.23	14	0	260
3	6	80.79	72.71	0.33	2	0	73
4	32	147.98	710.30	0.44	14	0	710
6	7	546.84	574.18	0.66	5	0	574
8	12	715.95	1,288.71	1.12	13	0	1,289
Closet Flange							
4	20	81.39	244.17	0.44	9	0	244
Combination							
2	10	102.73	154.10	0.33	3	0	154
4	7	73.69	77.37	0.66	5	0	77
6	2	1,715.53	514.66	0.00	0	0	515
Combination - Red							
3x3x2	1	154.54	23.18	0.43	0	0	23
4x4x2	17	232.75	593.51	0.53	9	0	594
6x6x3	4	1,804.82	1,082.89	0.00	0	0	1,083
6x6x4	1	1,542.99	231.45	0.00	0	0	231
8x8x4	4	1,564.65	938.79	0.00	0	0	939
Coupling							
2	1	12.55	1.88	0.23	0	0	2
4	20	74.36	223.08	0.43	9	0	223

There were 61 calculation messages.

Project Name: Bennett Ranch ELM Phase 2 100 Page: 13 of 33

Bid ID: 5918? Report Time: 12/16/21 12:47 PM

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Fittings

PVC - Hub x Hub Plastic DWV - SolvWld

Material Multiplier: F3B00 -	CHA - PVC DWV	Fittings - CHA - 0.15
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<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
Coupling							
6	3	243.34	109.50	0.63	2	0	110
8	5	404.34	303.26	1.10	6	0	303
P-Trap							
2	13	87.93	171.46	0.34	4	0	171
3	3	296.82	133.57	0.50	2	0	134
Reducing Coupling							
3x2	10	63.45	95.18	0.40	4	0	95
4x2	1	124.33	18.65	0.50	1	0	19
4x3	2	132.85	39.86	0.50	1	0	40
6x4	1	20.00	3.00	0.65	1	0	3
8x6	1	46.64	7.00	1.00	1	0	7
Wye							
2	21	60.95	191.99	0.33	7	0	192
3	2	164.64	49.39	0.49	1	0	49
4	21	298.74	941.03	0.65	14	0	941
8	1	1,520.39	228.06	1.75	2	0	228
Wye - Reducing							
3x3x2	6	121.80	109.62	0.43	3	0	110
4x4x2	27	178.79	724.10	0.53	14	0	724
4x4x3	4	242.52	145.51	0.59	2	0	146
6x6x3	4	837.79	502.67	0.82	3	0	503
6x6x4	4	696.30	417.78	0.86	3	0	418
PVC - Hub x Hub Plast	ic DWV - SolvWl	d Totals:					

	477	13,365	197	0	13,365
Fittings Totals:	6,876	114,756	2,114	0	114,756

Flanges

Carbon Steel - Raised Face, 150 Weldbend - Flanged

Material Multiplier: L1000 - WLD -	- CS Flanges - WLD - 0.47
------------------------------------	---------------------------

<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Slip-on							
2-1/2	4	53.32	100.24	2.38	10	0	100
3	4	41.41	77.85	2.48	10	0	78
4	8	51.25	192.70	3.42	27	0	193
4	1	51.25	24.09	3.45	3	0	24
Weldneck Sch 40							
2-1/2	24	49.95	563.44	2.39	57	0	563

There were 61 calculation messages.

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Bid ID: 5918? Report Time: 12/16/21 12:47 PM

Data Calculated: 12/16/2021 12:46:18 PM

Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

anges							
Carbon Steel - Raised	d Face, 150 Weld	dbend - Fla	nged				
Material Multiplier: L1	000 - WLD - CS	Flanges - W	LD - 0.47				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cos
Weldneck Sch 40							
2-1/2	8	49.95	187.81	2.44	20	0	18
3	20	54.09	508.45	2.49	50	0	5(
4	26	65.22	796.99	3.59	93	0	7:
Carbon Steel - Raised F							
	95		2,452		270	0	2,4
Copper - Propress Ac	danter Flange -	PP					
	,		,				
Material Multiplier: F2 Item Size	300 - Copper Pro Quantity	Press - 0.55 Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
Adapter Flange	Quantity	Tree	Mat. Cost	CIIIC Eab III	<u>Total III s</u>	<u>Labor Cost</u>	10tal Co
2-1/2	2	369.42	406.36	0.97	2	0	4
			400.30	0.97	2	0	4
Copper - Propress Adap	pter Flange - PP	l'otals:					
	2		406		2	0	4
nges Totals:	97		2,858		272	0	2,8
lves Bronze - Flanged Cir	cuit Setter - Fla	nged					
Material Multiplier: V(U	eck Valves - () 35			
Item Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Co
300# Flgd B&Goss	<u>Quantity</u>	Trice	with Cost	CIII Lab III	10111113	<u>Labor Cost</u>	10tal CC
2-1/2	2	1,400.00	980.00	1.58	3	0	9
3	2	2,125.00	1,487.50	1.73	3	0	
4	1	3,275.00	1,467.30	3.23	3	0	1,4
Bronze - Flanged Circu	•	,	1,140.23	3.23	3	U	1,1
Dionze - Flangeu Circu		u 10tais.					
	5		3,614		10	0	3,6
Bronze - Flanged Y-S	Strainer - Flange	ed					
Matarial Multipliars VI	SA0 - MUL - Bro	onze Straine	rs - MUL - 0.:	50			
Material Multiplier. V		Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Co
Item Size	Quantity	11100			_		
<u>Item</u> <u>Size</u>	Quantity	THE					
Item Size 150# Muel 851	Quantity 1			1.82	2	0	1
<u>Item</u> <u>Size</u>	1	250.00	125.00	1.82	2	0	1
Item Size 150# Muel 851 2-1/2	1	250.00		1.82	2 2	0	1

There were 61 calculation messages.

Project Name: Bennett Ranch ELM Phase 2 100 Page: 15 of 33

Bid ID: 5918? Report Time: 12/16/21 12:47 PM

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Valves

Bronze - Soldered Ball WOG - 95/5	
-----------------------------------	--

<u>Item Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
150# Apol 77-200							
1/2	16	35.05	308.44	0.41	7	0	308
3/4	116	60.84	3,881.59	0.55	64	0	3,882
1	2	84.82	93.30	0.66	1	0	93
1-1/4	5	116.36	319.99	0.73	4	0	320
1-1/2	4	150.07	330.15	0.79	3	0	330
1-1/2	2	150.07	165.08	0.81	2	0	165
2	5	271.46	746.52	0.93	5	0	747
150# Apol 77CLF-200							
1/2	2	23.21	25.53	0.41	1	0	26
1/2	1	23.21	12.77	0.42	0	0	13
3/4	27	37.80	561.33	0.55	15	0	561
3/4	13	37.80	270.27	0.56	7	0	270
1	5	47.79	131.42	0.65	3	0	131
1	4	47.79	105.14	0.66	3	0	105
1-1/4	6	111.51	367.98	0.73	4	0	368
1-1/4	6	111.51	367.98	0.74	4	0	368
1-1/2	1	147.96	81.38	0.81	1	0	81
2	4	220.88	485.94	0.93	4	0	486
2	3	220.88	364.45	0.95	3	0	364
2-1/2	1	640.08	352.04	1.66	2	0	352
2-1/2	4	640.08	1,408.18	1.68	7	0	1,408
2-1/2	3	640.08	1,056.13	1.69	5	0	1,056
3	1	750.00	412.50	2.04	2	0	413

231	11,848	146	0	11,848

Bronze - Soldered Circuit Setter - 95/5

Material Multiplier: V0NK0 - Brass Gate, Globe, Check Valves - 0.35

<u>Item</u> <u>Size</u>	Quantity	<u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
200# Solder B&Goss							
3/4	10	143.00	500.50	0.55	6	0	501
3/4	5	143.00	250.25	0.56	3	0	250
1	1	215.00	75.25	0.65	1	0	75
1	1	215.00	75.25	0.66	1	0	75
1-1/4	1	295.00	103.25	0.73	1	0	103
1-1/2	4	355.00	497.00	0.79	3	0	497
2	3	406.00	426.30	0.93	3	0	426

Bronze - Soldered Circuit Setter - 95/5 Totals:

25	1,928	16	0	1,928

There were 61 calculation messages.

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV, System: ALL:

Bronze - Soldered Ho	orz Y-Swg. Chec	k - 95/5					
Material Multiplier: V(0NA0 - NIB - Bror	ze Gate, Gl	obe, Check Va	alves - NIB - 0.5	50		
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cos
125# Nib S-413B							
3/4	11	215.70	1,186.35	0.54	6	0	1,1
3/4	5	215.70	539.25	0.55	3	0	5.
1	1	310.30	155.15	0.65	1	0	1
1	1	310.30	155.15	0.66	1	0	1
Bronze - Soldered Horz	Y-Swg. Check - 9	5/5 Totals:					
	18		2,036		10	0	2,0
Bronze - Threaded 2-	-Way Control - T	hread					
Material Multiplier: XI	·) <u>0</u>				
Item Size	Ouantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Co
150# Supplied by TC	Quantity	IIIC	Mat. Cost	CHIT LAD III	<u>10tai 1115</u>	Labor Cost	10tal Co
3/4	102	0.00	0.00	1.46	149	0	
1-1/4	1	0.00	0.00	1.88	2	0	
1-1/2	4	0.00	0.00	2.00	8	0	
2	3	0.00	0.00	2.30	7	0	
Bronze - Threaded 2-W	-		0.00	2.30	,	O .	
Bronze - Threaded 2-vv		au Totais.					
	110		0		166	0	
Bronze - Threaded Y	-Strainer - Thre	a d					
	strainer Thre	au					
Material Multiplier: V(rs - MUL - 0.5	50			
Material Multiplier: V(<u>Item</u> <u>Size</u>			rs - MUL - 0.5 <u>Mat. Cost</u>	50 <u>Unit Lab Hr</u>	Total Hrs	<u>Labor Cost</u>	Total Co
-	OSA0 - MUL - Bro	nze Straine			Total Hrs	Labor Cost	Total Co
<u>Item</u> <u>Size</u>	OSA0 - MUL - Bro	nze Straine			Total Hrs	Labor Cost 0	
Item Size 150# Muel 351M	OSA0 - MUL - Bro Quantity	nze Straine <u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>			
Item Size 150# Muel 351M 1-1/4	OSA0 - MUL - Bro Quantity	nze Straine Price 135.00	Mat. Cost 67.50	Unit Lab Hr 1.47	1	0	31
Item Size 150# Muel 351M 1-1/4 1-1/2	OSA0 - MUL - Bro Quantity 1 4 3	nze Straine <u>Price</u> 135.00 182.00 242.00	Mat. Cost 67.50 364.00	Unit Lab Hr 1.47 1.62	1 6	0	3
Item Size 150# Muel 351M 1-1/4 1-1/2 2	OSA0 - MUL - Bro Quantity 1 4 3	nze Straine <u>Price</u> 135.00 182.00 242.00	67.50 364.00 363.00	Unit Lab Hr 1.47 1.62	1 6	0	30 30
Item Size 150# Muel 351M 1-1/4 1-1/2 2 Bronze - Threaded Y-S	OSA0 - MUL - Bro Quantity 1 4 3 trainer - Thread T	135.00 182.00 242.00 Totals:	Mat. Cost 67.50 364.00	Unit Lab Hr 1.47 1.62	1 6 6	0 0 0	3
Item Size 150# Muel 351M 1-1/4 1-1/2 2 Bronze - Threaded Y-S Cast Iron - Flanged Y	OSA0 - MUL - Bro Quantity 1 4 3 trainer - Thread T 8 Y-Strainer - Flan	nze Strainer Price 135.00 182.00 242.00 Totals:	67.50 364.00 363.00	1.47 1.62 2.16	1 6 6	0 0 0	3
Item Size 150# Muel 351M 1-1/4 1-1/2 2 Bronze - Threaded Y-S Cast Iron - Flanged Y Material Multiplier: V(OSA0 - MUL - Bro Quantity 1 4 3 trainer - Thread T 8 Y-Strainer - Flan	nze Straine Price 135.00 182.00 242.00 Totals: ged t Iron Strain	67.50 364.00 363.00 795	1.47 1.62 2.16	1 6 6	0 0 0	3 3 79
Item Size 150# Muel 351M 1-1/4 1-1/2 2 Bronze - Threaded Y-S Cast Iron - Flanged Y Material Multiplier: V(Item Size	OSA0 - MUL - Bro Quantity 1 4 3 trainer - Thread T 8 Y-Strainer - Flan	nze Strainer Price 135.00 182.00 242.00 Totals:	67.50 364.00 363.00	1.47 1.62 2.16	1 6 6	0 0 0	3 3 79
Item Size 150# Muel 351M 1-1/4 1-1/2 2 Bronze - Threaded Y-S Cast Iron - Flanged Y Material Multiplier: V(Item Size 125# Muel 758	OSA0 - MUL - Bro Quantity 1 4 3 trainer - Thread T 8 Y-Strainer - Flan OSB0 - MUL - Cas Quantity	nze Strainer Price 135.00 182.00 242.00 Totals: ged t Iron Strain	67.50 364.00 363.00 795 mers - MUL - Mat. Cost	1.47 1.62 2.16 0.50 Unit Lab Hr	1 6 6 7 14 Total Hrs	0 0 0 0 Labor Cost	Total Co
Item Size 150# Muel 351M 1-1/4 1-1/2 2 Bronze - Threaded Y-S Cast Iron - Flanged Y Material Multiplier: V(Item Size 125# Muel 758 2-1/2	OSA0 - MUL - Bro Quantity 1 4 3 trainer - Thread T 8 Y-Strainer - Flan OSB0 - MUL - Cas Quantity 2	nze Strainer Price 135.00 182.00 242.00 Totals: ged t Iron Strain Price 370.00	67.50 364.00 363.00 795 mers - MUL - Mat. Cost 370.00	1.47 1.62 2.16 0.50 Unit Lab Hr 1.80	1 6 6 7 14 Total Hrs 4	0 0 0 0 Labor Cost	30 30 79 Total Co
Item Size 150# Muel 351M 1-1/4 1-1/2 2 Bronze - Threaded Y-S Cast Iron - Flanged Y Material Multiplier: V(Item Size 125# Muel 758 2-1/2 3	OSA0 - MUL - Bro Quantity 1 4 3 trainer - Thread T 8 Y-Strainer - Flan OSB0 - MUL - Cas Quantity 2 2	135.00 182.00 242.00 Cotals: ged 170.00 426.50	67.50 364.00 363.00 795 mers - MUL - Mat. Cost 370.00 426.50	1.47 1.62 2.16 0.50 Unit Lab Hr 1.80 2.00	1 6 6 7 14 Total Hrs 4 4	0 0 0 0 Labor Cost 0 0	Total Cos 75 Total Cos 37 42
Item Size 150# Muel 351M 1-1/4 1-1/2 2 Bronze - Threaded Y-S Cast Iron - Flanged Y Material Multiplier: V(Item Size 125# Muel 758 2-1/2 3 4	OSA0 - MUL - Bro Quantity 1 4 3 trainer - Thread T 8 Y-Strainer - Flan OSB0 - MUL - Cas Quantity 2 2 1	nze Straine Price 135.00 182.00 242.00 Totals: ged t Iron Strain Price 370.00 426.50 706.50	67.50 364.00 363.00 795 mers - MUL - Mat. Cost 370.00	1.47 1.62 2.16 0.50 Unit Lab Hr 1.80	1 6 6 7 14 Total Hrs 4	0 0 0 0 Labor Cost	Total Co
Item Size 150# Muel 351M 1-1/4 1-1/2 2 Bronze - Threaded Y-S Cast Iron - Flanged Y Material Multiplier: V(Item Size 125# Muel 758 2-1/2 3	OSA0 - MUL - Bro Quantity 1 4 3 trainer - Thread T 8 Y-Strainer - Flan OSB0 - MUL - Cas Quantity 2 2 1	nze Straine Price 135.00 182.00 242.00 Totals: ged t Iron Strain Price 370.00 426.50 706.50	67.50 364.00 363.00 795 mers - MUL - Mat. Cost 370.00 426.50	1.47 1.62 2.16 0.50 Unit Lab Hr 1.80 2.00	1 6 6 7 14 Total Hrs 4 4	0 0 0 0 Labor Cost 0 0	7/ Total Co

1,150

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1,150

There were 61 calculation messages.

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

lves							
Iron Body - Flanged 2-V	Way Control -	Flanged					
Material Multiplier: XNE	T - Net Materia	ıl Price - 1.0	00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
2-Way Control Valve							
2-1/2	2	0.00	0.00	3.03	6	0	
3	2	0.00	0.00	3.03	6	0	
4	2	0.00	0.00	5.63	11	0	
Iron Body - Flanged 2-Wa	ıy Control - Fla	nged Totals	:				
	6		0		23	0	
Iron Body - Flanged Sil	ent Chk.WOO	G - Flanged					
Material Multiplier: V0N	B0 - NIB - Cast	Iron Gate.	Globe, Check	Vlvs - NIB - 0.:	50		
Item Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total C
125# Nib F-910B							
4	3	1,166.00	1,749.00	2.72	8	0	1,
Iron Body - Flanged Silen	t Chk.WOG - F	langed Tota	als:				ŕ
· ··· , · · · , , · · · · · · · · · · · · · · · · · · ·		9					= د
	3		1,749		8	0	1,7
Iron Body - Flanged Sw	ving Check - F	langed					
Material Multiplier: VDIV	VL - NIB - D I (Gates, Globe	es, Check Vlvs	- NIB - 0.50			
Item Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total C
200# Nib F-918-B							
2-1/2	1	895.00	447.50	2.72	3	0	4
Iron Body - Flanged Swin	g Check - Flang	ged Totals:					
	1		448		3	0	4
Iron Body - Lug Butter	fly, Lever Ope	erated - Fla	ınged				
Material Multiplier: XNE	T - Net Materia	ıl Price - 1 (00				
Item Size	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total C
200# Keystone 222							
2-1/2	6	97.20	583.20	1.12	7	0	4
2-1/2	4	97.20	388.80	1.14	5	0	3
3	4	67.00	268.00	1.13	5	0	2
4	6	137.90	827.40	2.03	12	0	8
Iron Body - Lug Butterfly	, Lever Operato	ed - Flanged	l Totals:				

There were 61 calculation messages.

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Bid ID: 5918? Report Time: 12/16/21 12:47 PM

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV,

2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Valves

Iron Body - Threaded Plug - T	hread	ı
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Material Multiplier: XNET - Net Material Price - 1.00

1.1moor 1m1 1.1minpinor	1 121 122 1 1 100 1 1200001 1001		• •				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
175# Keystone 500							
3/4	3	58.00	174.00	0.75	2	0	174
1	1	60.00	60.00	0.95	1	0	60
1-1/4	1	68.00	68.00	1.10	1	0	68
Iron Body - Thread	ed Plug - Thread Totals	s:					
	5		302		4	0	302
Valves Totals:	438		26,061		441	0	26,061

Hanger Components

- Clevis -

Material Multiplier:	: H0001D -	Clevis Hangers -	0.25
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tem Size	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
ig 260 Clevis							
3/4	163	7.08	288.51	0.00	0	0	289
1	22	7.22	39.71	0.00	0	0	40
1-1/4	2	7.84	3.92	0.00	0	0	4
2	326	9.75	794.63	0.00	0	0	795
2-1/2	45	15.03	169.09	0.00	0	0	169
3	67	17.99	301.33	0.00	0	0	301
4	28	22.70	158.90	0.00	0	0	159
5	133	30.02	998.17	0.00	0	0	998
6	64	40.14	642.24	0.00	0	0	642
8	47	62.20	730.85	0.00	0	0	731
10	28	117.17	820.19	0.00	0	0	820
ig 260 Clevis Gal							
1/2	76	7.70	146.30	0.00	0	0	146
3/4	228	7.70	438.90	0.00	0	0	439
1	40	8.14	81.40	0.00	0	0	81
1-1/4	61	9.18	140.00	0.00	0	0	140
1-1/2	3	10.13	7.60	0.00	0	0	8
2	62	11.98	185.69	0.00	0	0	186
2-1/2	91	19.63	446.58	0.00	0	0	447
3	854	22.98	4,906.23	0.00	0	0	4,906
3-1/2	105	25.03	657.04	0.00	0	0	657
4	116	27.98	811.42	0.00	0	0	811
Clevis - Totals:							
	2,561		12,769		0	0	12,769

There were 61 calculation messages.

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93.32

Data Calculated: 12/16/2021 12:46:18 PM

Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Hanger Components

10

|--|

Material Multiplier: H0	001 - Hanger Mat	erials - GR	N - 0.25				
<u>Item Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Fig 167 Insl Shield							
2-1/2	91	27.87	634.04	0.23	21	0	634
3	854	31.22	6,665.47	0.23	196	0	6,665
3-1/2	105	33.60	882.00	0.23	24	0	882
4	116	35.89	1,040.81	0.23	27	0	1,041
5	133	38.43	1,277.80	0.23	31	0	1,278
6	64	46.24	739.84	0.23	15	0	740
8	43	53.82	578.57	0.23	10	0	579

653.24

0.23

330

653

15,503

Material Multiplier: XNET - Net Material Price - 1.00

<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
CalSil 180 1" CT*							
1/2	12	3.87	46.46	0.00	0	0	46
3/4	125	3.87	484.00	0.00	0	0	484
1	7	4.02	28.12	0.00	0	0	28
1-1/4	2	4.05	8.11	0.00	0	0	8
1-1/2	23	4.32	99.35	0.00	0	0	99
2	54	5.02	271.16	0.00	0	0	271
CalSil 180 1" IP*							
2-1/2	73	5.50	401.21	0.00	0	0	401
3	32	5.88	188.16	0.00	0	0	188
4	49	7.08	346.92	0.00	0	0	347
CalSil 180 1.5" IP*							
2-1/2	10	6.85	68.52	0.00	0	0	69
3	2	7.00	13.99	0.00	0	0	14
4	10	8.06	80.64	0.00	0	0	81
CalSil 180 1/2" IP*							
3	7	5.88	41.16	0.00	0	0	41
4	3	7.08	21.24	0.00	0	0	21
6	29	13.62	394.98	0.00	0	0	395
8	25	21.50	537.50	0.00	0	0	538
- Saddles & Shields - Totals	: :						

- Struct Attach-Conc -

Material Multiplier: H0001 - Hanger Materials - GRN - 0.25

1,897

<u>Item</u> <u>Size</u>	Quantity	<u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Fig.281 Insert							
3/8	2,149	36.55	19,636.49	0.00	0	0	19,636
1/2	320	38.81	3,104.80	0.00	0	0	3,105

15,503

There were 61 calculation messages.

Project Name: Bennett Ranch ELM Phase 2 100 Page: 20 of 33

Bid ID: 5918? Report Time: 12/16/21 12:47 PM

Data Calculated: 12/16/2021 12:46:18 PM

Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P4

2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Hanger	Components
Hanger	Components

- Struct A	Attach-	Conc -
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Material Multiplier	: H0001 - Hanger	Materials - C	GRN - 0.25
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<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Fig.281 Insert							
5/8	63	46.42	731.12	0.00	0	0	731
7/8	4	55.45	55.45	0.00	0	0	55
1	25	30.00	187.50	0.00	0	0	188
- Struct Attach-Conc	- Totals:						
	2,561		23,715		0	0	23,715

Galvanized - Rods -

Material Multiplier: H0003 - Hanger Materials - C&P - 0.35

<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Allthread - Galv							
3/8	12,150	1.03	4,365.90	0.00	0	0	4,366
1/2	1,207	1.72	728.02	0.00	0	0	728
5/8	204	2.56	182.90	0.00	0	0	183
7/8	8	5.39	15.09	0.00	0	0	15
1	50	8.31	145.34	0.00	0	0	145

Galvanized - Rods - Totals:

Garvanizcu - Rous - Totais	••				
	13,619	5,437	0	0	5,437
Hanger Components Totals:	20,638	57,425	330	0	57,425

Labor

Hangers

<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
Clevis Hanger(HgrIte	em Precast HgRodSh)						
1/2	61	0.00	0.00	1.06	65	0	0
1/2	15	0.00	0.00	1.09	16	0	0
3/4	238	0.00	0.00	1.06	252	0	0
3/4	153	0.00	0.00	1.09	167	0	0
1	30	0.00	0.00	1.06	32	0	0
1	32	0.00	0.00	1.09	35	0	0
1-1/4	43	0.00	0.00	1.06	46	0	0
1-1/4	20	0.00	0.00	1.09	22	0	0
1-1/2	1	0.00	0.00	1.06	1	0	0
1-1/2	2	0.00	0.00	1.09	2	0	0
2	287	0.00	0.00	1.06	304	0	0
2	101	0.00	0.00	1.09	110	0	0
2-1/2	66	0.00	0.00	1.12	74	0	0

There were 61 calculation messages.

Project Name: Bennett Ranch ELM Phase 2 100 Page: 21 of 33

Bid ID: 5918? Report Time: 12/16/21 12:47 PM

Data Calculated: 12/16/2021 12:46:18 PM

Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.4 REV, 2P4.5 REV, 2P4

2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Labor

Hangers

<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Clevis Hanger(H	grItem Precast HgRodSh)						
2-1/2	70	0.00	0.00	1.15	81	0	0
3	359	0.00	0.00	1.12	402	0	0
3	562	0.00	0.00	1.15	649	0	0
3-1/2	41	0.00	0.00	1.12	46	0	0
3-1/2	64	0.00	0.00	1.15	74	0	0
4	59	0.00	0.00	1.41	83	0	0
4	70	0.00	0.00	1.46	102	0	0
4	15	0.00	0.00	1.76	26	0	0
5	32	0.00	0.00	1.41	45	0	0
5	90	0.00	0.00	1.46	131	0	0
5	11	0.00	0.00	1.76	19	0	0
6	8	0.00	0.00	1.47	12	0	0
6	56	0.00	0.00	1.52	85	0	0
8	24	0.00	0.00	1.69	40	0	0
8	23	0.00	0.00	1.74	40	0	0
10	11	0.00	0.00	1.69	19	0	0
10	17	0.00	0.00	1.74	30	0	0
Hangers Totals:							
	2,561		0		3,011	0	0

Joints

<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
95/5 Solder(Joints CU 95/5)							
1/2	42	0.00	0.00	0.00	0	0	0
3/4	703	0.00	0.00	0.00	0	0	0
1	32	0.00	0.00	0.00	0	0	0
1-1/4	40	0.00	0.00	0.00	0	0	0
1-1/2	34	0.00	0.00	0.00	0	0	0
2	44	0.00	0.00	0.00	0	0	0
2-1/2	20	0.00	0.00	0.00	0	0	0
3	2	0.00	0.00	0.00	0	0	0
Std Wt(Joints CS BW)							
3/4	473	0.00	0.00	0.00	0	0	0
1	24	0.00	0.00	0.00	0	0	0
1-1/4	18	0.00	0.00	0.00	0	0	0
2	2	0.00	0.00	0.00	0	0	0
2-1/2	135	0.00	0.00	0.00	0	0	0
3	65	0.00	0.00	0.00	0	0	0
4	134	0.00	0.00	0.00	0	0	0

There were 61 calculation messages.

Project Name: Bennett Ranch ELM Phase 2 100 Page: 22 of 33

Bid ID: 5918? Report Time: 12/16/21 12:47 PM

Data Calculated: 12/16/2021 12:46:18 PM

Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Labor

Joints

<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Std Wt(Joints CS BW)							
6	2	0.00	0.00	0.00	0	0	0
Threaded(Joints CU CuThr	rd)						
1/2	14	0.00	0.00	0.00	0	0	0
3/4	174	0.00	0.00	0.00	0	0	0
1	7	0.00	0.00	0.00	0	0	0
1-1/4	91	0.00	0.00	0.00	0	0	0
1-1/2	14	0.00	0.00	0.00	0	0	0
2	34	0.00	0.00	0.00	0	0	0
2-1/2	6	0.00	0.00	0.00	0	0	0
3	1	0.00	0.00	0.00	0	0	0
XH(Joints CS BW)							
2-1/2	4	0.00	0.00	0.00	0	0	0
3	4	0.00	0.00	0.00	0	0	0
4	2	0.00	0.00	0.00	0	0	0
Joints Totals:							
	2,121		0		0	0	0
Labor Totals:	4,682		0		3,011	0	0

Excav & Backfill - Trenching -

11011011119							
Material Multiplier:	1.00						
Item Size 2' x 2' Ditch	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	<u>Total Hrs</u>	Labor Cost	Total Cost
2 X 2 Dittil	001	0.00	0.00	0.00	0	0	0

2' x 2' Ditch							
2	881	0.00	0.00	0.00	0	0	0
3	79	0.00	0.00	0.00	0	0	0
2' x 3' Ditch							
4	413	0.00	0.00	0.00	0	0	0
3' x 3' Ditch							
6	210	0.00	0.00	0.00	0	0	0
4' x 3' Ditch							
8	172	0.00	0.00	0.00	0	0	0
4' x 4' Ditch							
10	11	0.00	0.00	0.00	0	0	0
- Trenching - Totals:							
	1,766		0		0	0	0
Excav & Backfill Totals:	1,766		0		0	0	0

There were 61 calculation messages.

Project Name: Bennett Ranch ELM Phase 2 100 Page: 23 of 33

Bid ID: 5918? Report Time: 12/16/21 12:47 PM

Data Calculated: 12/16/2021 12:46:18 PM

Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Excav & Backfill

Fixtures

Fixtures							·
Material Multiplier:	Net - Net - 1.00						
<u>Item</u> <u>Size</u> 2" FD-1*	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	<u>Labor Cost</u>	Total Cost
	15	0.00	0.00	0.00	0	0	0
2" WCO*	8	0.00	0.00	0.00	0	0	0
3" FD-1*							
3" RD-1*	2	0.00	0.00	0.00	0	0	0
	2	0.00	0.00	0.00	0	0	0
3" WCO*	1	0.00	0.00	0.00	0	0	0
4" RD-1*		0.00	0.00	0.00			
4" WCO*	2	0.00	0.00	0.00	0	0	0
	5	0.00	0.00	0.00	0	0	0
6" RD-1*	12	0.00	0.00	0.00	0	0	0
DT-1*	12	0.00	0.00	0.00	Ü	Ü	U
ES-1*	21	0.00	0.00	0.00	0	0	0
E3-1	3	0.00	0.00	0.00	0	0	0
EWC-1*	6	0.00	0.00	0.00	0	0	0
GCO*	o	0.00	0.00	0.00	U	U	U
CT 1*	3	0.00	0.00	0.00	0	0	0
GT-1*	36	0.00	0.00	0.00	0	0	0
L-1*	-	0.00	0.00	0.00	0	0	0
L-2*	5	0.00	0.00	0.00	0	0	0
1 (GD 14)	30	0.00	0.00	0.00	0	0	0
MSB-1*	3	0.00	0.00	0.00	0	0	0
PT-1*		2.22	2.22	0.55	2		_
RH-1*	4	0.00	0.00	0.00	0	0	0
-	1	0.00	0.00	0.00	0	0	0

There were 61 calculation messages.

Project Name: Bennett Ranch ELM Phase 2 100 Page: 24 of 33

Bid ID: 5918? Report Time: 12/16/21 12:47 PM

Data Calculated: 12/16/2021 12:46:18 PM

Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Fixtures

22 2	Price 0.00 0.00	Mat. Cost 0.00	Unit Lab Hr 0.00	Total Hrs	<u>Labor Cost</u>	Total Cost
22 2	0.00				Labor Cost	Total Cost
2		0.00	0.00	0		
2		0.00	0.00	0		
	0.00			3	0	0
	0.00					
2.		0.00	0.00	0	0	0
	0.00	0.00	0.00	0	0	0
-	0.00	0.00	0.00	O	O .	O
8	0.00	0.00	0.00	0	0	0
5	0.00	0.00	0.00	0	0	0
5	0.00	0.00	0.00	0	0	0
1	0.00	0.00	0.00	0	0	0
5	0.00	0.00	0.00	0	0	0
3	0.00	0.00	0.00	U	O	U
19	0.00	0.00	0.00	0	0	0
8	0.00	0.00	0.00	0	0	0
6	0.00	0.00	0.00	0	0	0
242		0		0	0	0
242						
-	5 1 5 19 8 6	5 0.00 1 0.00 5 0.00 19 0.00 8 0.00 6 0.00	5 0.00 0.00 1 0.00 0.00 5 0.00 0.00 19 0.00 0.00 8 0.00 0.00 6 0.00 0.00	5 0.00 0.00 0.00 1 0.00 0.00 0.00 5 0.00 0.00 0.00 19 0.00 0.00 0.00 8 0.00 0.00 0.00 6 0.00 0.00 0.00	5 0.00 0.00 0.00 0 1 0.00 0.00 0.00 0 5 0.00 0.00 0.00 0 19 0.00 0.00 0.00 0 8 0.00 0.00 0.00 0 6 0.00 0.00 0.00 0	5 0.00 0.00 0.00 0 0 1 0.00 0.00 0.00 0 0 5 0.00 0.00 0.00 0 0 19 0.00 0.00 0.00 0 0 8 0.00 0.00 0.00 0 0 6 0.00 0.00 0.00 0 0

HVAC Equipment

HVAC Equipment	HVA	C Ec	uipm	ent	
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Material Multiplier: No	et - Net - 1.00						
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
B-3*							
	1	0.00	0.00	0.00	0	0	0
CH-2*							
	1	0.00	0.00	0.00	0	0	0
CRAC-1*							
	1	0.00	0.00	0.00	0	0	0

There were 61 calculation messages.

Project Name: Bennett Ranch ELM Phase 2 100 Page: 25 of 33

Bid ID: 5918? Report Time: 12/16/21 12:47 PM

Data Calculated: 12/16/2021 12:46:18 PM

Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

	-	,	-	,	-	,	,
- 1							

HVAC	Equipment	

HVAC Equipment

<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
CRAC-2*							
	1	0.00	0.00	0.00	0	0	
CWHP-2*							
	1	0.00	0.00	0.00	0	0	(
UH-1*							
	1	0.00	0.00	0.00	0	0	(
UH-14*							
	1	0.00	0.00	0.00	0	0	(
UH-2*							
	1	0.00	0.00	0.00	0	0	(
VAV CP*							
	33	0.00	0.00	0.00	0	0	(
HVAC Equipment T	Cotals:						
	41		0		0	0	(
AC Equipment Totals:	41		0		0	0	

Misc. Consumables

- B&G Sets -

Material Multiplier: XNET - Net Material Price - 1.00

<u>Item Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
B & G Set 150#							
2-1/2	30	4.00	120.00	0.00	0	0	120
3	16	4.00	64.00	0.00	0	0	64
4	24	5.75	138.00	0.00	0	0	138
B & G Set 300#							
2-1/2	4	7.00	28.00	0.00	0	0	28
3	4	7.00	28.00	0.00	0	0	28
4	2	11.00	22.00	0.00	0	0	22
- B&G Sets - Totals:							
	80		400		0	0	400

- Copper Joints Emory Cloth -

Material Multiplier: XNET - Net Material Price - 1.00

<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Emory Cloth							
Emory Cloth	7	0.20	1.49	0.00	0	0	1

There were 61 calculation messages.

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Bid ID: 5918? Report Time: 12/16/21 12:47 PM

Data Calculated: 12/16/2021 12:46:18 PM

Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

sc. Consumables							
- Copper Joints Emor	ry Cloth -						
- Copper Joints Emory	Cloth - Totals:						
	7		1		0	0	
- Copper Joints Flux	-	·			·		
Material Multiplier: XN	ET - Net Material	Price - 1.0	00				
Item Size Flux	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
Sta-Brite Flux	11	5.00	55.68	0.00	0	0	
- Copper Joints Flux - T	Γotals:						
	11		56		0	0	
- Copper Joints Solde	er -						
Material Multiplier: XN	ET - Net Material	Price - 1.0	00				
<u>Item Size</u>	Quantity	<u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
Solder							
95/5	11	4.75	52.90	0.00	0	0	
- Copper Joints Solder -	· Totals:						
	11		53		0	0	
- CS Joints CS Threa	ded Joint -						
Material Multiplier: XN	ET - Net Material	Price - 1.0	00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
CS Threaded Joint							
Cutting Oil	1	7.50	3.86	0.00	0	0	
Joint Compound - CS Joints CS Threade	l d Ioint Totala	9.25	4.76	0.00	0	0	
- CS Joints CS Inreade							
	1		9			0	
- CS Joints Joint Tap	e -						
Material Multiplier: XN	ET - Net Material	Price - 1.	00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
Joint Tape							
Joint Tape - Teflon	96	2.35	224.56	0.00	0	0	2
- CS Joints Joint Tape -	Totals:						

There were 61 calculation messages.

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Bid ID: 5918? Report Time: 12/16/21 12:47 PM

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

- Gases - Material Multiplier: XNET Item Size Gases Propane	Γ - Net Material <u>Quantity</u>	l Price - 1.0					
Item Size Gases							
Gases	Quantity	Price					
		ITICC	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Propane							
	554	0.25	138.47	0.00	0	0	138
- Gases - Totals:							
	554		138		0	0	138
- Plastic Joints Glue & (Cleaner -						
Material Multiplier: XNET	Γ - Net Materia	l Price - 1.0	00				
<u>Item Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
Glue & Cleaner							
Cement - PVC	82	5.89	484.55	0.00	0	0	485
Cleaner-All Purpose	82	6.33	520.75	0.00	0	0	521
- Plastic Joints Glue & Cle	eaner - Totals:						
	165		1,005		0	0	1,005
- Weld Inches - CS -							
Material Multiplier: XNET	Γ - Net Materia	l Price - 1.0	00				
<u>Item Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
CS Diameter Inches							
1-1/4	1	0.00	0.00	0.00	0	0	(
2	2	0.00	0.00	0.00	0	0	(
2-1/2	348	0.00	0.00	0.00	0	0	(
3	207	0.00	0.00	0.00	0	0	(
4	544	0.00	0.00	0.00	0	0	(
6	12	0.00	0.00	0.00	0	0	(
- Weld Inches - CS - Total	ls:						
	1,114		0		0	0	(
- Weld Joints - CS -							
Material Multiplier: XNET	Γ - Net Materia	l Price - 1.0	00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
CS Weld Joints							
~~ · · · · · · · · · · · · · · · · · ·	1	0.00	0.00	0.00	0	0	(
1-1/4	1					_	
	1	0.00	0.00	0.00	0	0	
1-1/4	1 139	0.00	0.14	0.00	0	0	
1-1/4 2	1 139 69	0.00 0.00	0.14 0.07	0.00 0.00			(
1-1/4 2 2-1/2	1 139	0.00	0.14	0.00	0	0	(((

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There were 61 calculation messages.

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P4

2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Misc. Consumables

- Welding Weld Rod -

Material Multiplier: XNET - Net Material Price - 1.00

Material Munipher. ATTE	1 - Met Materia	111100 - 1.0	00				
<u>Item Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
Weld Rod							
CS Rod, 3/32	110	1.38	152.08	0.00	0	0	152
CS Rod, 5/32	4	1.35	4.76	0.00	0	0	5
- Welding Weld Rod - To	otals:						
	114		157		0	0	157
Misc. Consumables Totals:	2,500		2,044		0	0	2,044
Misc. Consumables Totals:	2,500		2,044		0	0	

Misc. Steel Items

- Bolts, Nuts & Washers -

Material Multiplier: H0003 - Hanger Materials - C&P - 0.35

<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
Nuts - Galvanized							
3/8	6,447	0.45	1,015.40	0.00	0	0	1,015
1/2	960	0.97	325.92	0.00	0	0	326
5/8	189	1.57	103.86	0.00	0	0	104
7/8	12	3.18	13.36	0.00	0	0	13
1	75	4.72	123.90	0.00	0	0	124
Washers- Galvanized							
3/8	6,447	0.84	1,895.42	0.00	0	0	1,895
1/2	960	1.49	500.64	0.00	0	0	501
5/8	189	2.83	187.20	0.00	0	0	187
7/8	12	1.50	6.30	0.00	0	0	6
1	75	4.88	128.10	0.00	0	0	128
- Bolts, Nuts & Washers	- Totals:						
	15,366		4,300		0	0	4,300
isc. Steel Items Totals:	15,366		4,300		0	0	4,300

Pipe Cut

Carbon Steel - Pipe Cut with Cutters - Cutters

Material Multiplier: XNET - Net Material Price - 1.00

<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
PIPE CUT							
3/4	232	0.10	23.20	0.00	0	0	23
1	7	0.10	0.70	0.00	0	0	1
1-1/4	6	0.10	0.60	0.00	0	0	1

There were 61 calculation messages.

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.4 REV, 2P4.6 REV, 2P5.1 REV, 2P5

e Cut							
Carbon Steel - Pip	e Cut with Cutters	- Cutters					
Material Multiplier:	XNET - Net Materia	Price - 1.0	00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cos
PIPE CUT							
2-1/2	61	0.15	9.15	0.00	0	0	
3	31	0.15	4.65	0.00	0	0	
4	61	0.15	9.15	0.00	0	0	
6	1	0.20	0.20	0.00	0	0	
Carbon Steel - Pipe	Cut with Cutters - Cu	tters Totals	s:				
	399		48		0	0	
Cast Iron - Pipe C	ut with Chain Cutte	er - Chain					
Material Multiplier:	XNET - Net Materia	Price - 1.0	00				
<u>Item Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
PIPE CUT							
2	517	0.50	258.50	0.00	0	0	2
3	79	0.50	39.50	0.00	0	0	
4	52	0.50	26.00	0.00	0	0	
6	36	1.25	45.00	0.00	0	0	
8	28	2.00	56.00	0.00	0	0	
Cast Iron - Pipe Cut	with Chain Cutter - 0	Chain Tota	ls:				
	712		425		0	0	4
Copper - Pipe Cut	with Cutters - Cutt	ers					
Material Multiplier:	XNET - Net Materia	l Price - 1.0	00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
Pipe Cut							
1/2	166	0.09	14.94	0.00	0	0	
3/4	882	0.21	185.22	0.00	0	0	1
1	148	0.26	38.48	0.00	0	0	
1-1/4	173	0.29	50.17	0.00	0	0	
1-1/2	76	0.32	24.32	0.00	0	0	
2	164	0.45	73.80	0.00	0	0	
2-1/2	50	0.45	22.50	0.00	0	0	
3	5	0.45	2.25	0.00	0	0	
Copper - Pipe Cut w	vith Cutters - Cutters	Totals:					
	1,664		412		0	0	4
	1,004		712		<u> </u>	U	

There were 61 calculation messages.

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Pipe (Cut
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D1 /*	D.	~ .	• 41	α	C	α
Plastic -	Pipe	Cut w	vith (Chop	Saw -	ChopSaw

Material Multiplier:	XNET -	Net Material Price -	1.00
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<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
PIPE CUT							
2	234	0.50	117.00	0.00	0	0	117
3	26	1.00	26.00	0.00	0	0	26
4	138	1.00	138.00	0.00	0	0	138
6	30	1.25	37.50	0.00	0	0	38
8	16	1.50	24.00	0.00	0	0	24
10	3	1.50	4.50	0.00	0	0	5
Dlastia Dina Cut wit	h Chan Carry ChanCa	w Totalar					

Plastic - Pipe Cut with Chop Saw - ChopSaw Totals:

	447	347	0	0	347
Pipe Cut Totals:	3,222	1,231	0	0	1,231

Plug Item

- Plug Item -

Material Multiplier:	Plug Itam Nat	1 00
viateriai viulubiler:	- Fiug Hem Net -	1.00

<u>item</u> <u>Size</u>	Quantity	<u>Price</u>	Mat. Cost	Unit Lad Hr	<u> 10tai Hrs</u>	Labor Cost	<u> 10tai Cost</u>
Pressure Gauge							
	2	40.00	80.00	0.50	1	0	80
Therm							
	26	50.00	1,300.00	0.50	13	0	1,300
- Plug Item - Totals:							
	28		1,380		14	0	1,380
Plug Item Totals:	28		1,380		14	0	1,380

Plumbing Equipment

Plumbing Equipment - -

Material	Multiplie	r: Net -	Net -	1.00
----------	-----------	----------	-------	------

<u>Item</u> <u>Size</u> HWH-3*	Quantity	<u>Price</u>	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Cost
11W11-3	2	0.00	0.00	0.00	0	0	0
RCP-3*	1	0.00	0.00	0.00	0	0	0
ST-2*	-	0.00	0.00	0.00	v	v	v
	1	0.00	0.00	0.00	0	0	0

There were 61 calculation messages.

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Plumbing Equipment					
Plumbing Equipment					
Plumbing Equipment To	tals:				
	4	0	0	0	0
Plumbing Equipment Totals:	4	0		0	0

Sleeves

Carbon Steel - Sleeve - Floor - InstPan

Material Multipl	ier: SLEEVE - Sleeve	- Net Materia	l Price - 1.00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Cost
Pipe Sleeve	•						
3/4	3	4.78	14.34	1.50	5	0	14
1-1/4	1	9.07	9.07	1.50	2	0	9
1-1/2	2	10.77	21.54	1.50	3	0	22
1-1/2	1	10.77	10.77	1.51	2	0	11
1-1/2	1	10.77	10.77	1.53	2	0	11
2	17	10.45	177.65	1.50	26	0	178
2	3	10.45	31.35	1.53	5	0	31
2	2	10.45	20.90	1.77	4	0	21
2-1/2	5	14.83	74.15	1.50	8	0	74
2-1/2	2	14.83	29.66	1.53	3	0	30
2-1/2	1	14.83	14.83	1.77	2	0	15
3	5	19.42	97.10	1.50	8	0	97
3	2	19.42	38.84	1.53	3	0	39
3	2	19.42	38.84	1.77	4	0	39
4	19	27.65	525.35	1.50	29	0	525
5	2	37.45	74.90	1.50	3	0	75
6	4	48.60	194.40	1.50	6	0	194
6	1	48.60	48.60	1.51	2	0	49
6	2	48.60	97.20	1.53	3	0	97
6	1	48.60	48.60	1.77	2	0	49
8	4	80.41	321.64	1.50	6	0	322
8	1	80.41	80.41	1.53	2	0	80
10	3	129.31	387.93	1.50	5	0	388
10	1	129.31	129.31	1.53	2	0	129
12	3	158.31	474.93	1.50	5	0	475
12	3	158.31	474.93	1.53	5	0	475
Carbon Steel - Sl	eeve - Floor - InstPan	Totals:					
	91		3,448		139	0	3,448

There were 61 calculation messages.

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

eeves							
Carbon Steel - Sleeve -	Wall Exterior	- InstBlk					
Material Multiplier: SLE	EEVE - Sleeve - N	et Materia	l Price - 1.00				
<u>Item</u> <u>Size</u>	Quantity	Price	Mat. Cost	Unit Lab Hr	Total Hrs	Labor Cost	Total Co
Pipe Sleeve	•						
3/4	3	4.78	14.34	1.92	6	0	
1	2	7.01	14.02	1.92	4	0	
Carbon Steel - Sleeve - W	all Exterior - Ins	stBlk Totals	s:				
	5		28		10	0	
Carbon Steel - Sleeve -	Wall Interior -	InstBlk					
Material Multiplier: SLE	EVE - Sleeve - N	et Materia	l Price - 1 00				
Item Size	Quantity	Price	Mat. Cost	<u>Unit Lab Hr</u>	Total Hrs	Labor Cost	Total Co
Pipe Sleeve	Q dddiioloy	11100	11444 0050	<u> </u>	100011115	24507 0050	1000
3/4	11	4.21	46.31	0.06	1	0	
1-1/4	7	7.66	53.62	0.75	5	0	
1-1/4	2	7.66	15.32	0.77	2	0	
1-1/2	1	9.10	9.10	0.06	0	0	
2	8	8.96	71.68	0.75	6	0	
2	4	8.96	35.84	0.77	3	0	
2-1/2	5	11.93	59.65	0.75	4	0	
2-1/2	2	11.93	23.86	0.77	2	0	
3	1	14.72	14.72	0.75	1	0	
3	2	14.72	29.44	0.77	2	0	
5	25	26.96	674.00	0.75	19	0	ϵ
5	9	26.96	242.64	0.77	7	0	2
6	7	31.77	222.39	0.75	5	0	2
6	5	31.77	158.85	0.77	4	0	1
8	1	48.42	48.42	0.75	1	0	
8	1	48.42	48.42	0.77	1	0	
10	2	70.02	140.04	1.13	2	0	1
10	2	70.02	140.04	1.15	2	0	1
12	2	85.32	170.64	1.13	2	0	1
12	3	85.32	255.96	1.15	3	0	2
Carbon Steel - Sleeve - W	all Interior - Ins	tBlk Totals	:				
	100		2,461		71	0	2,40
eves Totals:	196		5,937		219	0	5,93

There were 61 calculation messages.

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Base Bid; Drawing: 2M2.1 REV, 2M2.2 REV, 2M2.3 REV, 2M4.1 REV, 2M5.1 REV, 2M5.2 REV, 2M5.3 REV, 2P1.1 REV, 2P1.2 REV, 2P1.3 REV, 2P1.4 REV, 2P2.1 REV, 2P2.2 REV, 2P2.3 REV, 2P2.4 REV, 2P3.1 REV, 2P4.1 REV, 2P4.2 REV, 2P4.3 REV, 2P4.4 REV, 2P4.6 REV, 2P4.6 REV, 2P4.6 REV, 2P4.7 REV, 2P4.7 REV, 2P4.8 REV, 2P4

2P4.5 REV, 2P4.6 REV, 2P5.1 REV; System: ALL;

Grand Totals	\$368,308	8,163	\$0	\$368,308
	Material Cost	<u>Total Hrs</u>	<u>Labor Cost</u>	Total Cost

^{*} Items flagged with an asterisk may have their price and labor overwritten in Excel's Rapid Reports