

12" Exterior-Vert Rebar

Class	Mat. ID	Material Description	Amount	Units	Quantity	Waste	Lay-Rate	----- Labor -----		----- Material -----		Man Days
							Units/Day	Per Unit	Ext. Cost	Per Unit	Ext. Cost	
BOL	BOLTS8-IN	100 CNT BOXES OF 8" BOLTS	79	Ea	79 Each		1,200	\$0.46	\$36	\$0.40	\$32	0.1
BRI	M	Modular Brick	2,117	SF	14,292 Pieces		450	\$1.22	\$17,378	\$0.30	\$4,289	31.8
BRI	MS	Modular Brick Soldier	584	SF	3,943 Pieces		300	\$1.82	\$7,192	\$0.30	\$1,183	13.1
CMU	MW06	6" Mediumweight CMU	3,389	SF	3,812 Pieces		175	\$3.13	\$11,920	\$0.48	\$1,830	21.8
CMU	MW06B	6" Mediumweight CMU-Bull	102	SF	115 Pieces		165	\$3.32	\$381	\$0.58	\$67	0.7
CMU	MW06BB	6" Mediumweight CMU-B.B.	273	SF	307 Pieces		155	\$3.53	\$1,086	\$0.58	\$178	2.0
CMU	MW06BH	6"Lt Wt CMU-1/2 Bullnose	81	SF	183 Pieces		170	\$3.22	\$587	\$0.57	\$104	1.1
DRI	COPPERDRI	Copper Drip Edge	280	LF	280 LinFt		2,000	\$0.27	\$77	\$1.20	\$336	0.1
FLA	IPCO18"	IPCO 18" Flashing	280	LF	280 LinFt		3,000	\$0.18	\$51	\$1.12	\$313	0.1
GRO	2500PSI	2500 PSI Grout in Cu.Ft.	174	CF	174 CbcFt		175	\$3.13	\$545	\$2.75	\$479	1.0
INR	BLUE2"	Blue 2" Rigid Insulation	3,883	SF	3,883 SqFt		1,500	\$0.36	\$1,416	\$0.59	\$2,291	2.6
LIC	COPING CF	Limestone Coping in Cu Ft	195	CF	195 CbcFt		13	\$43.77	\$8,536	\$24.00	\$4,680	15.6
LIL	2X5SILL	2-1/4 x 5 Sills L.F.	45	LF	45 LinFt		280	\$1.95	\$88	\$2.75	\$124	0.2
LIS	8" BAND	Limestone Band	361	SF	135 Pieces		8	\$68.40	\$9,256	\$2.50	\$338	16.9
LIS	ASHLER SF	Limestone in Sq Ft	724	SF	136 Pieces		8	\$68.40	\$9,279	\$5.00	\$678	17.0
LIS	QUOIN1	Limestone Quoin 1st	78	SF	88 Pieces		8	\$68.40	\$6,019	\$0.83	\$73	11.0
LIS	QUOIN2	Limestone Quoin 2nd	53	SF	80 Pieces		8	\$68.40	\$5,472	\$0.63	\$50	10.0
MOR[A]	Type N Port/Lime	1:1:6 Mix	796	CF	796 CbcFt		0	\$0.00	\$0	\$2.02	\$1,606	0.0
REB	#4	#4 Rebar / Give Vert. Ht	993	LF	993 LinFt		1,800	\$0.30	\$302	\$0.24	\$238	0.6
REB	#4BB REBA	#4 Bond Beam Rebar - 240"	852	LF	852 LinFt		1,800	\$0.30	\$259	\$0.24	\$204	0.5
WEE	WEEPPLAS	Plastic Weep Holes	139	Ea	139 Each		3,000	\$0.18	\$25	\$0.11	\$15	0.0
WIR	HDT9GA12"	Hot-Dipp./Truss 9ga--12"	3,187	LF	3,187 LinFt		0	\$0.00	\$0	\$0.23	\$733	0.0
Totals:									\$79,905		\$19,842	146.0

Area	Description	Shape	Outside	Inside	Height	Length	Qty	Opn	Odd	Adj	Sheet	Crew
	12" Exterior-Vert Rebar	Rect	M	MW06	14' 0"	316' 0"	1	Opn	Odd			1
Area of Wall	4,424.00 Sqft	Area of Panels		Direct Cost	\$101,093.49	Direct Markup Cost / Sqft			\$25.73	% of Grand Total		
Area of Openings (not panels)	494.45 Sqft	0.00 Sqft		Markup Cost	\$12,941.20	Markup Cost / Sqft			\$3.29	Bid Price		
Area of Wall minus Openings	3,929.55 Sqft			Markedup Cost	\$114,034.69	Markedup Cost / Sqft			\$29.02	78.41 %		

Wall Notes: Modular Brick, 6" CMU, 2" Blue Insulation, 18" IPCO flashing, Copper Drip Edge, Plastic Weepholes, 14" Hot Dip Truss 9ga, Bolts 4'-0" on center, #4 Vertical Rebar with 2500 psi Grout @ 48" on center, (enter a quantity for Optional Control Joint that has rubber tee material and 6" Half and Whole Sash CMU),

4" Interior CMU

Class	Mat. ID	Material Description	Amount	Units	Quantity	Waste	Lay-Rate	----- Labor -----		----- Material -----		Man Days
							Units/Day	Per Unit	Ext. Cost	Per Unit	Ext. Cost	
CMU MW04		4" Mediumweight CMU	3,513	SF	3,953	Pieces	185	\$2.96	\$11,691	\$0.36	\$1,423	21.4
CMU MW042RIP		4" Med 2" Rip CMU	60	SF	268	Pieces	175	\$3.13	\$839	\$0.12	\$32	1.5
CMU MW04B		4" Mediumweight CMU-Bull	160	SF	180	Pieces	175	\$3.13	\$563	\$0.46	\$83	1.0
CMU MW04BB		4" Mediumweight CMU-B.B.	60	SF	67	Pieces	165	\$3.32	\$223	\$0.46	\$31	0.4
CMU MW04BH		4" Med CMU-Bull Half	76	SF	172	Pieces	175	\$3.13	\$538	\$0.46	\$79	1.0
GRO 2500PSI		2500 PSI Grout in Cu.Ft.	6	CF	6	CbcFt	175	\$3.13	\$19	\$2.75	\$17	0.0
MOR [A] Type N Port/Lime		1:1:6 Mix	176	CF	176	CbcFt	0	\$0.00	\$0	\$2.02	\$355	0.0
REB #4BB REBA		#4 Bond Beam Rebar - 240"	179	LF	179	LinFt	1,800	\$0.30	\$55	\$0.24	\$43	0.1
WIR MGT9GA04"		Mill-Gal./Truss 9ga-- 4"	3,278	LF	3,278	LinFt	0	\$0.00	\$0	\$0.10	\$328	0.0
Totals:									\$13,927		\$2,391	25.5

Area	Description	Shape	Outside	Inside	Height	Length	Qty	Opn	Odd	Adj	Sheet	Crew
	4" Interior CMU	Rect		MW04	12' 2"	360' 6"	1	Opn	Odd			1
Area of Wall	4,385.75 Sqft	Area of Panels		Direct Cost	\$16,317.34	Direct Markup Cost / Sqft			\$4.18	% of Grand Total		
Area of Openings (not panels)	- 484.00 Sqft	0.00 Sqft		Markup Cost	\$2,018.89	Markup Cost / Sqft			\$0.52	Bid Price		
Area of Wall minus Openings	3,901.75 Sqft			Markedup Cost	\$18,336.22	Markedup Cost / Sqft			\$4.70	12.61 %		

Wall Notes: 6 CMU, mil gal truss 9ga Wire,

6" Interior CMU

Class	Mat. ID	Material Description	Amount	Units	Quantity	Waste	Lay-Rate	----- Labor -----		----- Material -----		Man Days
							Units/Day	Per Unit	Ext. Cost	Per Unit	Ext. Cost	
CMU MW06		6" Mediumweight CMU	1,344	SF	1,512 Pieces		175	\$3.13	\$4,727	\$0.48	\$726	8.6
CMU MW062RIP		6" Med 2" Rip CMU	22	SF	101 Pieces		175	\$3.13	\$314	\$0.12	\$12	0.6
CMU MW06B		6" Mediumweight CMU-Bull	54	SF	61 Pieces		165	\$3.32	\$202	\$0.58	\$35	0.4
CMU MW06BB		6" Mediumweight CMU-B.B.	19	SF	21 Pieces		155	\$3.53	\$74	\$0.58	\$12	0.1
CMU MW06BH		6"Lt Wt CMU-1/2 Bullnose	27	SF	60 Pieces		170	\$3.22	\$193	\$0.57	\$34	0.4
GRO 2500PSI		2500 PSI Grout in Cu.Ft.	4	CF	4 CbcFt		175	\$3.13	\$13	\$2.75	\$12	0.0
MOR [A] Type N Port/Lime		1:1:6 Mix	77	CF	77 CbcFt		0	\$0.00	\$0	\$2.02	\$155	0.0
REB #4BB REBA		#4 Bond Beam Rebar - 240"	56	LF	56 LinFt		1,800	\$0.30	\$17	\$0.24	\$13	0.0
WIR MGT9GA06"		Mill-Gal./Truss 9ga-- 6"	1,224	LF	1,224 LinFt		0	\$0.00	\$0	\$0.10	\$122	0.0
Totals:									\$5,541		\$1,122	10.1

Area	Description	Shape	Outside	Inside	Height	Length	Qty	Opn	Odd	Adj	Sheet	Crew
	6" Interior CMU	Rect		MW06	12' 2"	134' 0"	1	Opn	Odd			1
Area of Wall		Direct Cost	1,630.33 Sqft	Area of Panels		\$6,662.57		Direct Markup Cost / Sqft	\$4.55	% of Grand Total		
Area of Openings (not panels)	-	Markup Cost	164.67 Sqft	0.00 Sqft		\$836.88		Markup Cost / Sqft	\$0.57	Bid Price		
Area of Wall minus Openings		Markedup Cost	1,465.67 Sqft			\$7,499.45		Markedup Cost / Sqft	\$5.12	5.16 %		

Wall Notes: 6 CMU, mil gal truss 9ga Wire,

Piers

Class	Mat. ID	Material Description	Amount	Units	Quantity	Waste	Lay-Rate	----- Labor -----		----- Material -----		Man Days
							Units/Day	Per Unit	Ext. Cost	Per Unit	Ext. Cost	
BOL	BOLTS8-IN	100 CNT BOXES OF 8" BOLTS	4	Ea	4 Each		1,200	\$0.46	\$2	\$0.40	\$2	0.0
BRI	M	Modular Brick	107	SF	720 Pieces		450	\$1.22	\$875	\$0.30	\$216	1.6
BRI	MS	Modular Brick Soldier	29	SF	198 Pieces		300	\$1.82	\$361	\$0.30	\$59	0.7
CMU	MW06	6" Mediumweight CMU	53	SF	60 Pieces		175	\$3.13	\$188	\$0.48	\$29	0.3
CMU	MW06BB	6" Mediumweight CMU-B.B.	3	SF	3 Pieces		155	\$3.53	\$11	\$0.58	\$2	0.0
DRI	COPPERDRI	Copper Drip Edge	16	LF	16 LinFt		2,000	\$0.27	\$4	\$1.20	\$19	0.0
FLA	IPCO18"	IPCO 18" Flashing	16	LF	16 LinFt		3,000	\$0.18	\$3	\$1.12	\$18	0.0
GRO	2500PSI	2500 PSI Grout in Cu.Ft.	4	CF	4 CbcFt		175	\$3.13	\$13	\$2.75	\$11	0.0
INR	BLUE2"	Blue 2" Rigid Insulation	131	SF	131 SqFt		1,500	\$0.36	\$48	\$0.59	\$77	0.1
LIC	PIER CAP	Limestone Cap	5	CF	2 Pieces		6	\$99.30	\$199	\$72.00	\$144	0.4
LIS	8" BAND	Limestone Band	20	SF	7 Pieces		8	\$68.40	\$502	\$2.50	\$18	0.9
LIS	ASHLER SF	Limestone in Sq Ft	39	SF	7 Pieces		8	\$68.40	\$502	\$5.00	\$37	0.9
MOR[A]	Type N Port/Lime	1:1:6 Mix	29	CF	29 CbcFt		0	\$0.00	\$0	\$2.02	\$58	0.0
REB	#4	#4 Rebar / Give Vert. Ht	28	LF	28 LinFt		1,800	\$0.30	\$9	\$0.24	\$7	0.0
REB	#4BB REBA	#4 Bond Beam Rebar - 240"	8	LF	8 LinFt		1,800	\$0.30	\$2	\$0.24	\$2	0.0
WEE	WEEPPLAS	Plastic Weep Holes	8	Ea	8 Each		3,000	\$0.18	\$1	\$0.11	\$1	0.0
WIR	HDT9GA12"	Hot-Dipp./Truss 9ga--12"	160	LF	160 LinFt		0	\$0.00	\$0	\$0.23	\$37	0.0
Totals:									\$2,719		\$736	5.0

Area	Description
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Shape	Outside	Inside	Height	Length	Qty	Opn	Odd	Adj	Sheet	Crew
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Piers			Pier	M	MW06	14' 0"	8' 0"	2	Odd	1
Area of Wall	224.00 Sqft	Area of Panels	Direct Cost		\$3,520.00	Direct Markup Cost / Sqft		\$15.71	% of Grand Total	
Area of Openings (not panels)	0.00 Sqft	0.00 Sqft	Markup Cost		\$454.51	Markup Cost / Sqft		\$2.03	Bid Price	
Area of Wall minus Openings	224.00 Sqft		Markedup Cost		\$3,974.51	Markedup Cost / Sqft		\$17.74	2.73 %	

Wall Between Piers

Class	Mat. ID	Material Description	Amount	Units	Quantity	Waste	Lay-Rate	----- Labor -----		----- Material -----		Man Days
							Units/Day	Per Unit	Ext. Cost	Per Unit	Ext. Cost	
BRI	M	Modular Brick	82	SF	555 Pieces		450	\$1.22	\$674	\$0.30	\$166	1.2
BRI	MS	Modular Brick Soldier	7	SF	45 Pieces		300	\$1.82	\$81	\$0.30	\$13	0.1
LIL	COP ENT	Limestone Coping - LF	17	LF	17 LinFt		50	\$10.94	\$182	\$12.35	\$206	0.3
MOR	[A] Type N Port/Lime	1:1:6 Mix	17	CF	17 CbcFt		0	\$0.00	\$0	\$2.02	\$34	0.0
WIR	HDT9GA12"	Hot-Dipp./Truss 9ga--12"	30	LF	30 LinFt		0	\$0.00	\$0	\$0.23	\$7	0.0
Totals:									\$938		\$427	1.7

Area	Description
	Wall Between Piers
Area of Wall	55.56 Sqft
Area of Openings (not panels)	11.18 Sqft
Area of Wall minus Openings	44.37 Sqft

Shape	Outside	Inside	Height	Length	Qty	Opn	Odd	Adj	Sheet	Crew
Rect	M	M	3' 4"	16' 8"	1	Opn				1
	Direct Cost	\$1,400.08	Direct Markup Cost / Sqft				\$31.55	% of Grand Total		
	Markup Cost	\$192.32	Markup Cost / Sqft				\$4.33	Bid Price		
	Markedup Cost	\$1,592.40	Markedup Cost / Sqft				\$35.89	1.09 %		

Show Demo Project
Quantity/Bid - By Wall

Crew Section

Ratio of Production Masons to

ID	Description	Production Masons	Prod-Mason Days	Crew Days	Cost Per Day Whole Crew	Cost Per Day Per Prod-Mason	Extended Labor Cost	Ratio of Production Masons to			
								Super	Layout	Saw	Tender/Other
1	1-BF,8-B,1-LF,2-L,1-E AND Lull	8.00	188.3	23.537	\$4,277.37	\$534.67	\$100,675.57	15.00	15.00	15.00	1.82

Totals by Labor ID

ID	Hours	Estimated				Total	Cost / Hour
		Base	Fringe	Burden			
Brick#21	1,506.35	\$36,378.44	\$10,062.44	\$16,534.00	\$62,974.89	\$41.81	
BrickForeman#21	188.29	\$4,923.89	\$1,257.81	\$2,237.91	\$8,419.61	\$44.72	
Engineer#150	188.29	\$4,688.53	\$1,242.74	\$2,130.94	\$8,062.20	\$42.82	
Laborer	388.36	\$8,219.92	\$1,825.28	\$3,712.65	\$13,757.85	\$35.43	
LaborerForeman	200.06	\$4,499.94	\$940.29	\$2,020.79	\$7,461.03	\$37.29	
	2,471.36	\$58,710.72	\$15,328.56	\$26,636.29	\$100,675.57	\$40.74	

Totals by Equipment ID

ID	Description	Cost	Days	Cost / Day
Lull 1044	Lull 1044	\$2,353.68	23.537	\$100.00

Show Demo Project
Quantity/Bid - By Wall

		Costs & Taxes	Overhead	Profit	OH + Profit	Totals	% of Bid
Material Costs		\$24,517.06					
Misc. Taxable Costs		\$0.00					
Taxable Sub-Total		\$24,517.06					
	Tax 7.750%	\$1,900.07	5.00%	5.00%			
Material + Misc. Taxable Costs + Tax		\$26,417.13	\$1,467.62	\$1,467.62	\$2,935.24	\$29,352.37	20.0%
Base	58.317%	\$58,710.72					
Fringe	15.226%	\$15,328.56					
Burden	26.458%	\$26,636.29	5.00%	5.00%			
Crew Labor Cost		\$100,675.57	\$5,593.09	\$5,593.09	\$11,186.17	\$111,861.74	76.2%
Subbed Out			5.00%	5.00%			
Cleaning Cost		\$1,447.17	\$80.40	\$80.40	\$160.80	\$1,607.97	1.1%
Equipment		\$2,353.68	\$130.76	\$130.76	\$261.52	\$2,615.20	1.8%
Mobilization		\$800.00					
Mockup		\$400.00					
Testing Service		\$0.00					
Clean-Up		\$0.00					
Bracing Walls		\$0.00					
Misc. Sub-Total		\$1,200.00	\$66.67	\$66.67	\$133.33	\$1,333.33	0.9%
			5.00%	5.00%	10.00%		
Grand Totals		\$132,093.55	\$7,338.53	\$7,338.53	\$14,677.06	\$146,770.61	
			Without Misc. or OH&P	With Misc. and OH&P	Total Square Feet		
Average Cost Per Square Foot			\$13.68	\$15.34	9,565.34		