

PROJECT ID: 581 West Putnan Avenue

CONTACT:

SCOPE: Concrete &amp; Excavation

E-MAIL ADDRESS:

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Date:



ITEM #	DWG. #	DESCRIPTION	QUANTITY	UNIT	MATERIAL	LABOR	UNIT COST (Labor + Material)	TOTAL COST	TRADE COST
<b>GENERAL REQUIREMENTS</b>									
1		Supervision	1	LS	\$0	\$0	\$0	\$0	
2		Permits	1	LS	\$0	\$0	\$0	\$0	
3		Final Clean-up	1	LS	\$0	\$0	\$0	\$0	
4		Mobilization Costs	1	LS	\$0	\$0	\$0	\$0	
5		Project Overheads	1	LS	\$0	\$0	\$0	\$0	
6		Bonds	1	LS	\$0	\$0	\$0	\$0	
7		Temporary Control & Facilities	1	LS	\$0	\$0	\$0	\$0	
8		Excavation	4053	CY	\$0	\$35	\$35	\$141,855	
<b>Subtotal (General Requirements)</b>									<b>\$141,855</b>
<b>DIVISION 03- CONCRETE</b>									
<b>Foundation</b>									
<b>Footing</b>									
<b>(48" X 48" X 18") Isolated Footing (1 EA)</b>									
9		Concrete	0.89	CY	\$500	\$250	\$750	\$667	
10		#6 Bar @ 12" O.C E.W	72	Lbs.	\$3	\$2	\$5	\$360	
11		Formwork	24	SF	\$1	\$1	\$2	\$48	
12		Excavation	4	CY	\$0	\$35	\$35	\$140	
13		Backfill	4	CY	\$0	\$30	\$30	\$120	
<b>(48' X 60" X 12") Isolated Footing (1 EA)</b>									
14		Concrete	0.74	CY	\$500	\$250	\$750	\$556	
15		#5 Bar @ 12" O.C E.W	50	Lbs.	\$3	\$2	\$5	\$250	
16		Formwork	18	SF	\$1	\$1	\$2	\$36	
17		Excavation	4	CY	\$0	\$35	\$35	\$140	
18		Backfill	4	CY	\$0	\$30	\$30	\$120	
<b>(7' X 7'-3" X 12") Isolated Footing (1 EA)</b>									
19		Concrete	1.88	CY	\$500	\$250	\$750	\$1,410	
20		#6 Bar @ 12" O.C E.W	183	Lbs.	\$3	\$2	\$5	\$915	
21		Formwork	29	SF	\$1	\$1	\$2	\$58	
22		Excavation	9	CY	\$0	\$35	\$35	\$315	
23		Backfill	8	CY	\$0	\$30	\$30	\$240	
<b>(3' X 4'-2" X 12") Isolated Footing (2 EA)</b>									
24		Concrete	0.92	CY	\$500	\$250	\$750	\$693	
25		#5 Bar @ 12" O.C E.W	63	Lbs.	\$3	\$2	\$5	\$315	
26		Formwork	29	SF	\$1	\$1	\$2	\$58	
27		Excavation	6	CY	\$0	\$35	\$35	\$210	
28		Backfill	6	CY	\$0	\$30	\$30	\$180	
<b>(13' X 5' X 18") Isolated Footing (1 EA)</b>									
29		Concrete	3.61	CY	\$500	\$250	\$750	\$2,708	
30		#8 Bar @ 12" O.C E.W-T.B	832	Lbs.	\$3	\$2	\$5	\$4,160	
31		Formwork	54	SF	\$1	\$1	\$2	\$108	
32		Excavation	11	CY	\$0	\$35	\$35	\$385	
33		Backfill	8	CY	\$0	\$30	\$30	\$240	
<b>(10'-8" X 6'-4") Isolated Footing (1 EA)</b>									
34		Concrete	3.75	CY	\$500	\$250	\$750	\$2,814	
35		#8 Bar @ 12" O.C E.W-T.B	865	Lbs.	\$3	\$2	\$5	\$4,325	
36		Formwork	51	SF	\$1	\$1	\$2	\$102	
37		Excavation	12	CY	\$0	\$35	\$35	\$420	
38		Backfill	9	CY	\$0	\$30	\$30	\$270	
<b>(96" X 96" X 24") Isolated Footing (3 EA)</b>									
39		Concrete	14.22	CY	\$500	\$250	\$750	\$10,667	
40		#6 Bar @ 12" O.C E.W	778	Lbs.	\$3	\$2	\$5	\$3,890	
41		Formwork	192	SF	\$1	\$1	\$2	\$384	
42		Excavation	32	CY	\$0	\$35	\$35	\$1,120	
43		Backfill	18	CY	\$0	\$30	\$30	\$540	
<b>(108" X 108" X 21") Isolated Footing (1 EA)</b>									
44		Concrete	5.25	CY	\$500	\$250	\$750	\$3,938	
45		#6 Bar @ 12" O.C E.W	324	Lbs.	\$3	\$2	\$5	\$1,620	
46		Formwork	61	SF	\$1	\$1	\$2	\$122	
47		Excavation	13	CY	\$0	\$35	\$35	\$455	
48		Backfill	8	CY	\$0	\$30	\$30	\$240	

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		<b>(120" X 120" X 24") Isolated Footing (2 EA)</b>							
49		Concrete	14.81	CY	\$500	\$250	\$750	\$11,111	
50		#8 Bar @ 12" O.C E.W	1408	Lbs.	\$3	\$2	\$5	\$7,040	
51		Formwork	160	SF	\$1	\$1	\$2	\$320	
52		Excavation	32	CY	\$0	\$35	\$35	\$1,120	
53		Backfill	18	CY	\$0	\$30	\$30	\$540	
		<b>(144" X 144" X 30") Isolated Footing (5 EA)</b>							
54		Concrete	66.67	CY	\$500	\$250	\$750	\$50,000	
55		#8 Bar @ 12" O.C E.W	4992	Lbs.	\$3	\$2	\$5	\$24,960	
56		Formwork	600	SF	\$1	\$1	\$2	\$1,200	
57		Excavation	110	CY	\$0	\$35	\$35	\$3,850	
58		Backfill	44	CY	\$0	\$30	\$30	\$1,320	
		<b>(156" X 156" X 36") Isolated Footing (5 EA)</b>							
59		Concrete	93.89	CY	\$500	\$250	\$750	\$70,417	
60		#8 Bar @ 12" O.C E.W	5824	Lbs.	\$3	\$2	\$5	\$29,120	
61		Formwork	650	SF	\$1	\$1	\$2	\$1,300	
62		Excavation	128	CY	\$0	\$35	\$35	\$4,480	
63		Backfill	35	CY	\$0	\$30	\$30	\$1,050	
		<b>(3' X 1') Strap Footing (606 LF)</b>							
64		Concrete	67.22	CY	\$500	\$250	\$750	\$50,417	
65		(4) #5 Cont. Bar	3025	Lbs.	\$3	\$2	\$5	\$15,125	
66		#5 @ 24" o.c	1139	Lbs.	\$3	\$2	\$5	\$5,695	
67		Formwork	1210	SF	\$1	\$1	\$2	\$2,420	
68		Excavation	314	CY	\$0	\$35	\$35	\$10,990	
69		Backfill	247	CY	\$0	\$30	\$30	\$7,410	
		<b>(5'-6" X 1'-3") Strap Footing (15 LF)</b>							
70		Concrete	3.65	CY	\$500	\$250	\$750	\$2,735	
71		#5 Cont. Bar @ 12" O.C T.B	117	Lbs.	\$3	\$2	\$5	\$585	
72		#6 Trans. Bar @ 12" O.C T.B	152	Lbs.	\$3	\$2	\$5	\$760	
73		Formwork	36	SF	\$1	\$1	\$2	\$72	
74		Excavation	11	CY	\$0	\$35	\$35	\$385	
75		Backfill	8	CY	\$0	\$30	\$30	\$240	
		<b>(2' X 1') Strap Footing (59 LF)</b>							
76		Concrete	4.33	CY	\$500	\$250	\$750	\$3,249	
77		(3) #5 Cont. Bar	220	Lbs.	\$3	\$2	\$5	\$1,100	
78		#5 @ 24" O.C	76	Lbs.	\$3	\$2	\$5	\$380	
79		Formwork	117	SF	\$1	\$1	\$2	\$234	
80		Excavation	23	CY	\$0	\$35	\$35	\$805	
81		Backfill	19	CY	\$0	\$30	\$30	\$570	
		<b>(5' X 1') Strap Footing (8 LF)</b>							
82		Concrete	1.48	CY	\$500	\$250	\$750	\$1,108	
83		(6) #5 Cont. Bar	60	Lbs.	\$3	\$2	\$5	\$300	
84		#5 @ 24" O.C	32	Lbs.	\$3	\$2	\$5	\$160	
85		Formwork	16	SF	\$1	\$1	\$2	\$32	
86		Excavation	7	CY	\$0	\$35	\$35	\$245	
87		Backfill	6	CY	\$0	\$30	\$30	\$180	
		<b>(4' X 1') Strap Footing (5 LF)</b>							
88		Concrete	0.74	CY	\$500	\$250	\$750	\$553	
89		(5) #5 Cont. Bar	32	Lbs.	\$3	\$2	\$5	\$160	
90		#5 @ 24" O.C	18	Lbs.	\$3	\$2	\$5	\$90	
91		Formwork	10	SF	\$1	\$1	\$2	\$20	
92	S-2.0	Excavation	4	CY	\$0	\$35	\$35	\$140	
93		Backfill	4	CY	\$0	\$30	\$30	\$120	
		<b>Mat</b>							
		<b>(1'-6" T) Elevator Mat (127 SF)</b>							
94		Concrete	7.01	CY	\$500	\$250	\$750	\$5,255	
95		#5 Bar @ 10" O.C E.W-T.B	760	Lbs.	\$3	\$2	\$5	\$3,800	
96		Formwork	6433	SF	\$1	\$1	\$2	\$12,866	
97		Excavation	17	CY	\$0	\$35	\$35	\$595	
98		Backfill	10	CY	\$0	\$30	\$30	\$300	

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		<b>Wall</b>							
		<b>(8" T) Stem Wall (1'-10" H, 29 LF)</b>							
99		Concrete	1.28	CY	\$500	\$250	\$750	\$960	
100		#4 Vert. Bar @ 12" O.C	43	Lbs.	\$3	\$2	\$5	\$215	
101		(2) #4 Cont. Bar	46	Lbs.	\$3	\$2	\$5	\$230	
102		Formwork	104	SF	\$1	\$1	\$2	\$208	
		<b>(8" T) Stem Wall (2'-6" H, 74 LF)</b>							
103		Concrete	4.58	CY	\$500	\$250	\$750	\$3,432	
104		#4 Vert. Bar @ 24" O.C	76	Lbs.	\$3	\$2	\$5	\$380	
105		(2) #4 Cont. Bar	119	Lbs.	\$3	\$2	\$5	\$595	
106		Formwork	369	SF	\$1	\$1	\$2	\$738	
		<b>(8" T) Stem Wall (12'-6" H, 150 LF)</b>							
107		Concrete	72.58	CY	\$500	\$250	\$750	\$54,438	
108		#4 Vert. Bar @ 8" O.C.E.F	7006	Lbs.	\$3	\$2	\$5	\$35,030	
109		#4 Horiz. Bar @ 8" O.C.E.F	7360	Lbs.	\$3	\$2	\$5	\$36,800	
110		Formwork	5850	SF	\$1	\$1	\$2	\$11,700	
		<b>(8" T) Stem Wall (4' H, 4 LF)</b>							
111		Concrete	0.37	CY	\$500	\$250	\$750	\$278	
112		#4 Vert. Bar @ 8" O.C.E.F	43	Lbs.	\$3	\$2	\$5	\$215	
113		#4 Horiz. Bar @ 8" O.C.E.F	42	Lbs.	\$3	\$2	\$5	\$210	
114		Formwork	30	SF	\$1	\$1	\$2	\$60	
		<b>(8" T) Stem Wall (14' H, 32 LF)</b>							
115		Concrete	10.80	CY	\$500	\$250	\$750	\$8,098	
116		#4 Vert. Bar @ 8" O.C.E.F	1062	Lbs.	\$3	\$2	\$5	\$5,310	
117		#4 Horiz. Bar @ 8" O.C.E.F	1089	Lbs.	\$3	\$2	\$5	\$5,445	
118		Formwork	871	SF	\$1	\$1	\$2	\$1,742	
		<b>(8" T) Stem Wall (2'-6" H, 7 LF)</b>							
119		Concrete	0.42	CY	\$500	\$250	\$750	\$317	
120		#4 Vert. Bar @ 8" O.C.E.F	45	Lbs.	\$3	\$2	\$5	\$225	
121		#4 Horiz. Bar @ 8" O.C.E.F	52	Lbs.	\$3	\$2	\$5	\$260	
122		Formwork	35	SF	\$1	\$1	\$2	\$70	
		<b>(12" T) Stem Wall (12'-9" H, 11 LF)</b>							
123		Concrete	5.13	CY	\$500	\$250	\$750	\$3,846	
124		#4 Vert. Bar @ 8" O.C.E.F	352	Lbs.	\$3	\$2	\$5	\$1,760	
125		#4 Horiz. Bar @ 8" O.C.E.F	349	Lbs.	\$3	\$2	\$5	\$1,745	
126		Formwork	277	SF	\$1	\$1	\$2	\$554	
		<b>(12" T) Stem Wall (12'-6" H, 131 LF)</b>							
127		Concrete	60.42	CY	\$500	\$250	\$750	\$45,313	
128		#5 Vert. Bar @ 12" O.C.E.F	4110	Lbs.	\$3	\$2	\$5	\$20,550	
129		#4 Horiz. Bar @ 12" O.C.E.F	2819	Lbs.	\$3	\$2	\$5	\$14,095	
130		Formwork	3263	SF	\$1	\$1	\$2	\$6,526	
		<b>(12" T) Stem Wall (12'-6" H, 220 LF)</b>							
131		Concrete	101.85	CY	\$500	\$250	\$750	\$76,389	
132		#5 Vert. Bar @ 12" O.C.E.F	6907	Lbs.	\$3	\$2	\$5	\$34,535	
133		#4 Horiz. Bar @ 8" O.C.E.F	6920	Lbs.	\$3	\$2	\$5	\$34,600	
134		Formwork	5500	SF	\$1	\$1	\$2	\$11,000	
		<b>Column</b>							
		<b>(1'-6" X 1'-6") Conc. Column "C1" (12'-6" H, 10 EA)</b>							
135		Concrete	10.42	CY	\$500	\$250	\$750	\$7,813	
136		(4) #9 Vert. Bar	2025	Lbs.	\$3	\$2	\$5	\$10,125	
137		#3 Ties @ 12" O.C (6' Long)	365	Lbs.	\$3	\$2	\$5	\$1,825	
138		Formwork	750	SF	\$1	\$1	\$2	\$1,500	
		<b>(1' X 1') Conc. Column "C2" (12'-6" H, 4 EA)</b>							
139		Concrete	1.85	CY	\$500	\$250	\$750	\$1,389	
140		(4) #9 Vert. Bar	810	Lbs.	\$3	\$2	\$5	\$4,050	
141		#3 Ties @ 12" O.C (4' Long)	98	Lbs.	\$3	\$2	\$5	\$490	
142		Formwork	200	SF	\$1	\$1	\$2	\$400	

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		<b>(21" Ø) Conc. Column "L-2D" (10'-4" H, 2 EA)</b>							
143		Concrete	1.84	CY	\$500	\$250	\$750	\$1,380	
144		(6) #8 Vert. Bar	397	Lbs.	\$3	\$2	\$5	\$1,985	
145		#3 Ties @ 12" O.C (21" Long)	18	Lbs.	\$3	\$2	\$5	\$90	
146		Formwork	114	SF	\$1	\$1	\$2	\$228	
		<b>(21" Ø) Conc. Column "L-4C" (10'-4" H, 5 EA)</b>							
147		Concrete	4.60	CY	\$500	\$250	\$750	\$3,449	
148		(8) #8 Vert. Bar	1323	Lbs.	\$3	\$2	\$5	\$6,615	
149		#3 Ties @ 12" O.C (21" Long)	45	Lbs.	\$3	\$2	\$5	\$225	
150		Formwork	284	SF	\$1	\$1	\$2	\$568	
		<b>(21" Ø) Conc. Column "L-5D" (10'-4" H, 1 EA)</b>							
151		Concrete	0.92	CY	\$500	\$250	\$750	\$690	
152		(6) #8 Vert. Bar	199	Lbs.	\$3	\$2	\$5	\$995	
153		#3 Ties @ 12" O.C (21" Long)	9	Lbs.	\$3	\$2	\$5	\$45	
154		Formwork	57	SF	\$1	\$1	\$2	\$114	
		<b>(21" Ø) Conc. Column "L-6D" (10'-4" H, 5 EA)</b>							
155		Concrete	4.60	CY	\$500	\$250	\$750	\$3,449	
156		(8) #11 Vert. Bar	2500	Lbs.	\$3	\$2	\$5	\$12,500	
157		#3 Ties @ 12" O.C (21" Long)	45	Lbs.	\$3	\$2	\$5	\$225	
158		Formwork	284	SF	\$1	\$1	\$2	\$568	
		<b>(21" Ø) Conc. Column "L-6F" (10'-4" H, 3 EA)</b>							
159		Concrete	2.76	CY	\$500	\$250	\$750	\$2,069	
160		(6) #8 Vert. Bar	596	Lbs.	\$3	\$2	\$5	\$2,980	
161		#3 Ties @ 12" O.C (21" Long)	27	Lbs.	\$3	\$2	\$5	\$135	
162		Formwork	171	SF	\$1	\$1	\$2	\$342	
		<b>Slab</b>							
163		(4" X 6") Slab Thicken-Edge (707 LF)	4.32	CY	\$500	\$250	\$750	\$3,237	
164		(4" X 1'-3") Slab Thicken-Edge (28 LF)	0.42	CY	\$500	\$250	\$750	\$313	
165		<b>(4" T) S.O.G "4000 PSI" (14650 SF)</b>	179.06	CY	\$500	\$250	\$750	\$134,292	
166		(W2.9 x W2.9-6 X 6) WWF	14650	SF	\$2	\$1	\$3	\$43,950	
167		Vapor Barrier	14650	SF	\$1	\$1	\$1	\$19,045	
168		(8" T) Well Compacted Stone	363.54	CY	\$150	\$50	\$200	\$72,707	
		<b>Slab</b>							
		<b>1st Floor</b>							
169	S-3.0	(2-1/2" T) LW Conc. On (1-1/2" GA) 22 GALV. Metal Deck (W1.4 x W1.4-6 X 6) W.W.F	17631	SF	\$8	\$5	\$13	\$229,203	
		<b>2nd Floor</b>							
170	S-4.0	(2-1/2" T) LW Conc. On (1-1/2" GA) 22 GALV. Metal Deck (W1.4 x W1.4-6 X 6) W.W.F	17909	SF	\$8	\$5	\$13	\$232,817	
		<b>3rd Floor</b>							
171	S-5.0	(2-1/2" T) LW Conc. On (1-1/2" GA) 22 GALV. Metal Deck (W1.4 x W1.4-6 X 6) W.W.F	17925	SF	\$8	\$5	\$13	\$233,025	
		<b>4th Floor</b>							
172	S-6.0	(2-1/2" T) LW Conc. On (1-1/2" GA) 22 GALV. Metal Deck (W1.4 x W1.4-6 X 6) W.W.F	14282	SF	\$8	\$5	\$13	\$185,666	
		<b>Roof</b>							
173	S-7.0	(2-1/2" T) LW Conc. On (1-1/2" GA) 22 GALV. Metal Deck (W1.4 x W1.4-6 X 6) W.W.F	12757	SF	\$8	\$5	\$13	\$165,841	
		<b>Bulkhead</b>							
174	S-8.0	(2-1/2" T) LW Conc. On (1-1/2" GA) 22 GALV. Metal Deck (W1.4 x W1.4-6 X 6) W.W.F	784	SF	\$8	\$5	\$13	\$10,192	
		<b>Subtotal (Concrete)</b>							<b>\$2,196,663</b>

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<b>SUBTOTAL</b>									<b>\$2,338,517.91</b>
<b>OVERHEAD</b>			15%						<b>\$350,777.69</b>
<b>INSURANCE</b>			3%						<b>\$70,155.54</b>
<b>CONTINGENCY</b>			5%						<b>\$116,925.90</b>
<b>TOTAL BASE BID</b>									<b>\$2,876,377.03</b>

Note: