



<b>PROJECT ADDRESS</b>	<b>CROSBY CAPITOL HILL</b>		
Date of submission	11/6/2018		
Comments	Please carefully review all comments and exclusions provided in this estimate		
<b>BASE BID</b>	<b>#REF</b>		

SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT COST	ADJUSTED UNIT COST	TOTAL COST
<b>03 00 00 CONCRETE</b>											
<b>SPREAD/COLUMN FOOTING (4000 PSI)</b>											
<b>F7.0 (8 EA.)</b>											
1	S201	Footing Schedule		7'-0"X7'-0"X1'-6" Column Footing	22	10%	24	CY		\$ -	\$ -
<b>REINFORCEMENT</b>											
2	S201	Footing Schedule		7-#6 Bottom bars each way.	1200	10%	1,319	LB		\$ -	\$ -
<b>FORMWORK</b>											
3	S201	Footing Schedule		Formwork for 7'-0"X7'-0"X1'-6" Column Footing	336	10%	370	SFCA		\$ -	\$ -
<b>EXCAVATION</b>											
4	S201	Footing Schedule		Excavation for 7'-0"X7'-0"X1'-6" Column Footing	46	10%	50	CY		\$ -	\$ -
<b>BACKFILL</b>											
5	S201	Footing Schedule		Backfill for 7'-0"X7'-0"X1'-6" Column Footing	24	10%	26	CY		\$ -	\$ -
<b>F5.0 (1 EA.)</b>											
6	S201	Footing Schedule		5'-0"X5'-0"X1'-6" Column Footing	1	10%	2	CY		\$ -	\$ -
<b>REINFORCEMENT</b>											
7	S201	Footing Schedule		5-#6 Bottom bars each way.	77	10%	84	LB		\$ -	\$ -
<b>FORMWORK</b>											
8	S201	Footing Schedule		Formwork for 5'-0"X5'-0"X1'-6" Column Footing	30	10%	33	SFCA		\$ -	\$ -
<b>EXCAVATION</b>											
9	S201	Footing Schedule		Excavation for 5'-0"X5'-0"X1'-6" Column Footing	3	10%	4	CY		\$ -	\$ -
<b>BACKFILL</b>											
10	S201	Footing Schedule		Backfill for 5'-0"X5'-0"X1'-6" Column Footing	2	10%	2	CY		\$ -	\$ -
<b>F10.0 (6 EA.)</b>											
11	S201	Footing Schedule		10'-0"X10'-0"X2'-0" Column Footing	44	10%	49	CY		\$ -	\$ -
<b>REINFORCEMENT</b>											
12	S201	Footing Schedule		8-#8 Bottom bars each way.	2614	10%	2,876	LB		\$ -	\$ -
<b>FORMWORK</b>											
13	S201	Footing Schedule		Formwork for 10'-0"X10'-0"X2'-0" Column Footing	480	10%	528	SFCA		\$ -	\$ -
<b>EXCAVATION</b>											
14	S201	Footing Schedule		Excavation for 10'-0"X10'-0"X2'-0" Column Footing	81	10%	89	CY		\$ -	\$ -
<b>BACKFILL</b>											
15	S201	Footing Schedule		Backfill for 10'-0"X10'-0"X2'-0" Column Footing	36	10%	40	CY		\$ -	\$ -
<b>FB (1 EA.)</b>											
16	S201	Footing Schedule		3'-0" deep spread footing	76	10%	84	CY		\$ -	\$ -
<b>REINFORCEMENT</b>											
17	S201	Footing Schedule		#9 bars @ 12" O.C Top and bottom Each way.	9794	10%	10,773	LB		\$ -	\$ -
<b>FORMWORK</b>											
18	S201	Footing Schedule		Formwork for Spread Footing	654	10%	719	SFCA		\$ -	\$ -
<b>EXCAVATION</b>											
19	S201	Footing Schedule		Excavation for 3'-0" deep spread footing	119	10%	131	CY		\$ -	\$ -
<b>BACKFILL</b>											
20	S201	Footing Schedule		Backfill for 3'-0" deep spread footing	43	10%	47	CY		\$ -	\$ -
<b>WALL FOOTING (4000 PSI)</b>											
<b>EXTERIOR WALL FOOTING (181 LF)</b>											
21	S201	9/S403		2'-0"X1'-6" Exterior wall footing	20	10%	22	CY		\$ -	\$ -
22	S201	9/S403		4" PVC Drain Line	181	10%	199	LF		\$ -	\$ -
<b>REINFORCEMENT</b>											
23	S201	9/S403		3-#5 Longitudinal bars	576	10%	634	LB		\$ -	\$ -
24	S201	9/S403		#5 Transverse bars @ 12" O.C	384	10%	422	LB		\$ -	\$ -
25	S201	9/S403		#4 dowels @ 18" O.C	449	10%	494	LB		\$ -	\$ -
<b>FORMWORK</b>											
26	S201	9/S403		Formwork for 2'-0"X1'-6" Exterior wall footing	549	10%	604	SFCA		\$ -	\$ -
<b>EXCAVATION</b>											
27	S201	9/S403		Excavation for 2'-0"X1'-6" Exterior wall footing	48	10%	53	CY		\$ -	\$ -
<b>BACKFILL</b>											
28	S201	9/S403		Backfill for 2'-0"X1'-6" Exterior wall footing	28	10%	31	CY		\$ -	\$ -
<b>GRADE BEAM (86 LF)</b>											
29	S201	4/S403		2'-6"X4'-6" Grade beam	36	10%	39	CY		\$ -	\$ -
<b>REINFORCEMENT</b>											
30	S201	4/S403		4-#8 Longitudinal bars top and bottom	1892	10%	2,081	LB		\$ -	\$ -
31	S201	4/S403		#6 Strirrups @ 18" O.C	1221	10%	1,343	LB		\$ -	\$ -
32	S201	4/S403		#6 Strirrups @ 6" O.C	214	10%	236	LB		\$ -	\$ -
33	S201	4/S403		#8 Hooked bars @ 12" O.C	1874	10%	2,061	LB		\$ -	\$ -
<b>FORMWORK</b>											
34	S201	4/S403		Formwork for 2'-6"X4'-6" Grade beam	797	10%	876	SFCA		\$ -	\$ -
<b>EXCAVATION</b>											
35	S201	4/S403		Excavation for 2'-6"X4'-6" Grade beam	67	10%	74	CY		\$ -	\$ -
<b>BACKFILL</b>											
36	S201	4/S403		Backfill for 2'-6"X4'-6" Grade beam	31	10%	34	CY		\$ -	\$ -


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SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	UNIT COST	ADJUSTED UNIT COST	TOTAL COST	
37	S201			1'-0"X4'-6" Grade beam (10 LF)	2	10%	2	CY		\$ -	\$ -	
				<b>REINFORCEMENT</b>								
38	S201			2-#8 Longitudinal bars top and bottom	109	10%	120	LB		\$ -	\$ -	
39	S201			#6 Strirrups @ 6" O.C	337	10%	370	LB		\$ -	\$ -	
40	S201			#8 Hooked bars @ 12" O.C	218	10%	240	LB		\$ -	\$ -	
				<b>FORMWORK</b>								
41	S201			Formwork for 1'-0"X4'-6" Grade beam	99	10%	109	SFCA		\$ -	\$ -	
				<b>EXCAVATION</b>								
42	S201			Excavation for 1'-0"X4'-6" Grade beam	4	10%	5	CY		\$ -	\$ -	
				<b>BACKFILL</b>								
43	S201			Backfill for 1'-0"X4'-6" Grade beam	3	10%	3	CY		\$ -	\$ -	
				<b>THICKENED SLAB EDGE FOOTING (30 LF)</b>								
44	S201	10/S401		3'-0"X1'-6" Thickened slab edge footing	5	10%	6	CY		\$ -	\$ -	
				<b>REINFORCEMENT</b>								
45	S201	10/S401		2-#4 Bars Continuous	41	10%	45	LB		\$ -	\$ -	
46	S201	10/S401		#5 bar Continuous	32	10%	35	LB		\$ -	\$ -	
47	S201	10/S401		#5 Dowels @ 24" O.C	48	10%	53	LB		\$ -	\$ -	
				<b>FORMWORK</b>								
48	S201	10/S401		Formwork for 3'-0"X1'-6" Thickened slab edge footing	99	10%	109	SFCA		\$ -	\$ -	
				<b>EXCAVATION</b>								
49	S201	10/S401		Excavation for 3'-0"X1'-6" Thickened slab edge footing	11	10%	12	CY		\$ -	\$ -	
				<b>BACKFILL</b>								
50	S201	10/S401		Backfill for 3'-0"X1'-6" Thickened slab edge footing	6	10%	6	CY		\$ -	\$ -	
				<b>INTERIOR WALL FOOTING (54 LF)</b>								
51	S201	8/S401		3'-0"X1'-0" Interior wall footing	6	10%	7	CY		\$ -	\$ -	
				<b>REINFORCEMENT</b>								
52	S201	8/S401		3-#4 Bars Continuous	111	10%	122	LB		\$ -	\$ -	
				<b>FORMWORK</b>								
53	S201	8/S401		Formwork for 3'-0"X1'-0" Interior wall footing	114	10%	125	SFCA		\$ -	\$ -	
				<b>EXCAVATION</b>								
54	S201	8/S401		Excavation for 3'-0"X1'-0" Interior wall footing	19	10%	21	CY		\$ -	\$ -	
				<b>BACKFILL</b>								
55	S201	8/S401		Backfill for 3'-0"X1'-0" Interior wall footing	13	10%	15	CY		\$ -	\$ -	
				<b>CONCRETE WALLS</b>								
				<b>BASEMENT RETAINING WALL (258 LF) (4000 PSI)</b>								
56	S201	9/S403		Basement Retaining Wall	100	10%	110	CY		\$ -	\$ -	
57	S201	12/S403		2 Layers of Building paper	6192	10%	6,811	SF		\$ -	\$ -	
58	A303			R-10 Rigid Insulation	2709	10%	2,980	SF		\$ -	\$ -	
				<b>REINFORCEMENT</b>								
59	S201	9/S403		#5 Vertical bars @ 12" O.C Each Face	6021	10%	6,623	LB		\$ -	\$ -	
60	S201	9/S403		#4 Horizontal bars @ 12" O.C Each Face	3879	10%	4,267	LB		\$ -	\$ -	
				<b>FORMWORK</b>								
61	S201	9/S403		Formwork for Retaining Wall	5418	10%	5,960	SFCA		\$ -	\$ -	
				<b>EXCAVATION</b>								
62	S201	9/S403		Bulk Excavation for Basement	2020	10%	2,222	CY		\$ -	\$ -	
				<b>BACKFILL</b>								
63	S201	9/S403		Backfill for Retaining Wall	315	10%	347	CY		\$ -	\$ -	
				<b>INTERIOR WALL (24 LF) (4000 PSI)</b>								
64	S201			10" Thick Interior Concrete Wall	8	10%	9	CY		\$ -	\$ -	
				<b>REINFORCEMENT</b>								
65	S201			#5 Vertical bars @ 12" O.C Each Face	560	10%	616	LB		\$ -	\$ -	
66	S201			#4 Horizontal bars @ 12" O.C Each Face	361	10%	397	LB		\$ -	\$ -	
				<b>FORMWORK</b>								
67	S201			Formwork for 10" Thick Interior Concrete Wall	504	10%	554	SFCA		\$ -	\$ -	
				<b>INTERIOR SHEAR WALL (48 LF) (6000 PSI)</b>								
68	S201	9/S310		10" Thick Interior Concrete Shear Wall	49	10%	54	CY		\$ -	\$ -	
				<b>REINFORCEMENT</b>								
69	S201	9/S310		#5 Vertical bars @ 12" O.C Each Face	3361	10%	3,697	LB		\$ -	\$ -	
70	S201	12/S311		8-#9 Vertical bars at corner	9156	10%	10,071	LB		\$ -	\$ -	
71	S201	12/S311		#5 Hoops @ 6" O.C	3501	10%	3,851	LB		\$ -	\$ -	
72	S201	12/S311		#5 Ties @ 6" O.C	2100	10%	2,310	LB		\$ -	\$ -	
73	S201	9/S310		#5 dowels @ 12" O.C Each Face.	229	10%	252	LB		\$ -	\$ -	
74	S201	9/S310		#5 dowels vertical dowels with standard hook	446	10%	490	LB		\$ -	\$ -	
				<b>FORMWORK</b>								

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75	S201	9/S310		Formwork for 10" Thick Interior Concrete Shear Wall	3223	10%	3,545	SFCA		\$ -	\$ -
<b>INTERIOR SHEAR WALL (17 LF) (6000 PSI)</b>											
76	S201	10/S310		10" Thick Interior Concrete Shear Wall	17	10%	19	CY		\$ -	\$ -
<b>REINFORCEMENT</b>											
77	S201	10/S310		#5 Vertical bars @ 12" O.C Each Face	1190	10%	1,309	LB		\$ -	\$ -
78	S201	7/S311		6-#9 Vertical bars at corner	2747	10%	3,021	LB		\$ -	\$ -
79	S201	7/S311		#5 Hoops @ 6" O.C	1120	10%	1,232	LB		\$ -	\$ -
80	S201	7/S311		#5 Ties @ 6" O.C	420	10%	462	LB		\$ -	\$ -
81	S201	10/S310		#5 dowels @ 12" O.C Each Face.	908	10%	999	LB		\$ -	\$ -
82	S201	10/S310		#5 vertical dowels with standard hook	178	10%	196	LB		\$ -	\$ -
<b>FORMWORK</b>											
83	S201	10/S310		Formwork for 10" Thick Interior Concrete Shear Wall	1177	10%	1,294	SFCA		\$ -	\$ -
<b>INTERIOR SHEAR WALL (12 LF) (6000 PSI)</b>											
84	S201	11/S310		10" Thick Interior Concrete Shear Wall	13	10%	14	CY		\$ -	\$ -
<b>REINFORCEMENT</b>											
85	S201	11/S310		#5 Vertical bars @ 12" O.C Each Face	888	10%	977	LB		\$ -	\$ -
86	S201	8/S311		10-#9 Vertical bars at corner	2982	10%	3,281	LB		\$ -	\$ -
87	S201	8/S311		#5 Hoops @ 6" O.C	1095	10%	1,204	LB		\$ -	\$ -
88	S201	8/S311		#5 Ties @ 6" O.C	730	10%	803	LB		\$ -	\$ -
89	S201	11/S310		#5 dowels @ 12" O.C Each Face.	579	10%	637	LB		\$ -	\$ -
90	S201	11/S310		#5 vertical dowels with standard hook	119	10%	131	LB		\$ -	\$ -
<b>FORMWORK</b>											
91	S201	11/S310		Formwork for 10" Thick Interior Concrete Shear Wall	918	10%	1,010	SFCA		\$ -	\$ -
<b>INTERIOR SHEAR WALL (15 LF) (6000 PSI)</b>											
92	S201	12/S310		10" Thick Interior Concrete Shear Wall	20	10%	22	CY		\$ -	\$ -
<b>REINFORCEMENT</b>											
93	S201	12/S310		#5 Vertical bars @ 12" O.C Each Face	1368	10%	1,505	LB		\$ -	\$ -
94	S201	12/S311		8-#9 Vertical bars at corner	2386	10%	2,625	LB		\$ -	\$ -
95	S201	12/S311		#5 Hoops @ 6" O.C	912	10%	1,004	LB		\$ -	\$ -
96	S201	12/S311		#5 Ties @ 6" O.C	547	10%	602	LB		\$ -	\$ -
97	S201	12/S310		#5 dowels @ 12" O.C Each Face.	344	10%	378	LB		\$ -	\$ -
98	S201	12/S310		#5 vertical dowels with standard hook	89	10%	98	LB		\$ -	\$ -
<b>FORMWORK</b>											
99	S201	12/S310		Formwork for 10" Thick Interior Concrete Shear Wall	1361	10%	1,498	SFCA		\$ -	\$ -
<b>CONCRETE COLUMN (5000 PSI)</b>											
<b>CC1 (7 EA.)</b>											
100	S201	S301		16"X20" Concrete Column	17	10%	19	CY		\$ -	\$ -
<b>REINFORCEMENT</b>											
101	S201	S301		8-#8 Vertical bars	4880	10%	5,368	LB		\$ -	\$ -
102	S201	S301		#4 Hoops @ 4" O.C	2153	10%	2,368	LB		\$ -	\$ -
103	S201	S301		#4 ties @ 4" O.C	1722	10%	1,894	LB		\$ -	\$ -
104	S201	S301		#5 vertical dowels with standard hook	258	10%	283	LB		\$ -	\$ -
<b>FORMWORK</b>											
105	S201	S301		Formwork for 16"X20" Concrete Column	1260	10%	1,386	SFCA		\$ -	\$ -
<b>CC2 (1 EA.)</b>											
106	S201	S301		12"X24" Concrete Column	2	10%	2	CY		\$ -	\$ -
<b>REINFORCEMENT</b>											
107	S201	S301		6-#8 Vertical bars	523	10%	575	LB		\$ -	\$ -
108	S201	S301		#4 Hoops @ 3" O.C	410	10%	451	LB		\$ -	\$ -
109	S201	S301		#4 ties @ 3" O.C	123	10%	135	LB		\$ -	\$ -
110	S201	S301		#5 vertical dowels with standard hook	37	10%	40	LB		\$ -	\$ -
<b>FORMWORK</b>											
111	S201	S301		Formwork for 12"X24" Concrete Column	180	10%	198	SFCA		\$ -	\$ -
<b>CC3 (2 EA.)</b>											
112	S201	S301		16"X20" Concrete Column	7	10%	7	CY		\$ -	\$ -
<b>REINFORCEMENT</b>											
113	S201	S301		8-#8 Vertical bars	1830	10%	2,013	LB		\$ -	\$ -
114	S201	S301		#4 Hoops @ 4" O.C	827	10%	910	LB		\$ -	\$ -
115	S201	S301		#4 ties @ 4" O.C	668	10%	735	LB		\$ -	\$ -
116	S201	S301		#5 vertical dowels with standard hook	74	10%	81	LB		\$ -	\$ -
<b>FORMWORK</b>											
117	S201	S301		Formwork for 16"X20" Concrete Column	480	10%	528	SFCA		\$ -	\$ -
<b>CC4 (3 EA.)</b>											
118	S201	S301		16"X20" Concrete Column	10	10%	11	CY		\$ -	\$ -

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				<b>REINFORCEMENT</b>							
119	S201	S301		8-#8 Vertical bars	2745	10%	3,020	LB		\$ -	\$ -
120	S201	S301		#4 Hoops @ 4" O.C	1240	10%	1,364	LB		\$ -	\$ -
121	S201	S301		#4 ties @ 4" O.C	1080	10%	1,188	LB		\$ -	\$ -
122	S201	S301		#5 vertical dowels with standard hook	110	10%	121	LB		\$ -	\$ -
				<b>FORMWORK</b>							
123	S201	S301		Formwork for 16"X20" Concrete Column	720	10%	792	SFCA		\$ -	\$ -
				<b>CC5 (2 EA.)</b>							
124	S201	S301		16"X20" Concrete Column	5	10%	5	CY		\$ -	\$ -
				<b>REINFORCEMENT</b>							
125	S201	S301		8-#8 Vertical bars	1394	10%	1,534	LB		\$ -	\$ -
126	S201	S301		#4 Hoops @ 4" O.C	615	10%	677	LB		\$ -	\$ -
127	S201	S301		#4 ties @ 4" O.C	492	10%	541	LB		\$ -	\$ -
128	S201	S301		#5 vertical dowels with standard hook	74	10%	81	LB		\$ -	\$ -
				<b>FORMWORK</b>							
129	S201	S301		Formwork for 16"X20" Concrete Column	360	10%	396	SFCA		\$ -	\$ -
				<b>CC6 (1 EA.)</b>							
130	S201	S301		16"X20" Concrete Column	2	10%	3	CY		\$ -	\$ -
				<b>REINFORCEMENT</b>							
131	S201	S301		8-#8 Vertical bars	697	10%	767	LB		\$ -	\$ -
132	S201	S301		#4 Hoops @ 4" O.C	308	10%	338	LB		\$ -	\$ -
133	S201	S301		#4 ties @ 4" O.C	246	10%	271	LB		\$ -	\$ -
134	S201	S301		#5 vertical dowels with standard hook	37	10%	40	LB		\$ -	\$ -
				<b>FORMWORK</b>							
135	S201	S301		Formwork for 16"X20" Concrete Column	180	10%	198	SFCA		\$ -	\$ -
				<b>CC7 (1 EA.)</b>							
136	S201	S301		12"X24" Concrete Column	1	10%	1	CY		\$ -	\$ -
				<b>REINFORCEMENT</b>							
137	S201	S301		6-#8 Vertical bars	163	10%	180	LB		\$ -	\$ -
138	S201	S301		#4 Hoops @ 3" O.C	137	10%	150	LB		\$ -	\$ -
139	S201	S301		#4 ties @ 3" O.C	41	10%	45	LB		\$ -	\$ -
140	S201	S301		#5 vertical dowels with standard hook	37	10%	40	LB		\$ -	\$ -
				<b>FORMWORK</b>							
141	S201	S301		Formwork for 12"X24" Concrete Column	60	10%	66	SFCA		\$ -	\$ -
				<b>STUD RAIL SYSTEM</b>							
142	S203 S204 S205	S502		SR1 -10 strips w/(20) 1/2" dia studs @ 3" O.C Manufacturerer : Decon	150	10%	165	LF		\$ -	\$ -
143	S203 S204 S205	S502		SR2 -8 strips w/(14) 1/2" dia studs @ 4 1/2" O.C Manufacturerer : Decon	60	10%	66	LF		\$ -	\$ -
144	S203 S204 S205	S502		SR3 -5 strips w/(8) 1/2" dia studs @ 5 1/2" O.C Manufacturerer : Decon	195	10%	215	LF		\$ -	\$ -
145	S203 S204 S205	S502		SR4 -8 strips w/(14) 1/2" dia studs @ 5 3/4" O.C Manufacturerer : Decon	40	10%	44	LF		\$ -	\$ -
146	S203 S204 S205	S502		SR5 -7 strips w/(14) 1/2" dia studs @ 4 1/2" O.C Manufacturerer : Decon	70	10%	77	LF		\$ -	\$ -
				<b>ELEVATOR (4000 PSI)</b>							
				<b>ELEVATOR PIT</b>							
147	S201	12/S402		1'-3" Thick Elevator Pit	4	10%	5	CY		\$ -	\$ -
				<b>REINFORCEMENT</b>							
148	S201	12/S402		#5 bars @ 12" O.C Each way top and bottom	424	10%	467	LB		\$ -	\$ -
				<b>FORMWORK</b>							
149	S201	12/S402		Formwork for 1'-3" Thick Elevator Pit	50	10%	55	SFCA		\$ -	\$ -
				<b>EXCAVATION</b>							
150	S201	12/S402		Excavation for 1'-3" Thick Elevator Pit	26	10%	29	CY		\$ -	\$ -
				<b>BACKFILL</b>							
151	S201	12/S402		Backfill for 1'-3" Thick Elevator Pit	3	10%	3	CY		\$ -	\$ -
				<b>ELEVATOR WALL</b>							
152	S201	12/S402		1'-0" Thick Elevator Wall	8	10%	9	CY		\$ -	\$ -
				<b>REINFORCEMENT</b>							
153	S201	12/S402		#6 Horizontal bars @ 12" O.C	358	10%	394	LB		\$ -	\$ -
154	S201	12/S402		#7 Vertical bars @ 12" O.C	649	10%	714	LB		\$ -	\$ -
				<b>FORMWORK</b>							
155	S201	12/S402		Formwork for 1'-0" Thick Elevator Wall	429	10%	472	SFCA		\$ -	\$ -

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<b>SUMP PIT</b>											
156	S201	12/S402		10" Thick Sump Pit	4	10%	4	SF		\$ -	\$ -
				<b>REINFORCEMENT</b>							
157	S201	12/S402		#5 @ 12" O.C each face, each way.	17	10%	19	LB		\$ -	\$ -
158	S201	12/S402		10" Thick Sump Wall	0.5	10%	1	CY		\$ -	\$ -
				<b>REINFORCEMENT</b>							
159	S201	12/S402		#5 @ 12" O.C each face, each way.	68	10%	75	LB		\$ -	\$ -
				<b>FORMWORK</b>							
160	S201	12/S402		Formwork for Sump Wall	32	10%	35	SFCA		\$ -	\$ -
<b>SLAB ON GRADE (3000 PSI)</b>											
161	S201			24" Thick Structural Slab on grade	964	10%	1,060	SF		\$ -	\$ -
162	S201			6 MIL Vapor Barrier	964	10%	1,060	SF		\$ -	\$ -
163	S201			12" Thick Granular Fill	36	10%	39	CY		\$ -	\$ -
164	S201	S401		1/2" Control joint	893	10%	982	LF		\$ -	\$ -
165	A303			R-10 Rigid Insulation	964	10%	1,060	SF		\$ -	\$ -
				<b>REINFORCEMENT</b>							
166	S201			#8 bars @ 12" O.C Each way Top and bottom	11133	10%	12,247	LB		\$ -	\$ -
167	S201			#8 top bars @ 6" O.C	763	10%	839	LB		\$ -	\$ -
168	S201			29" Thick Structural Slab on grade	147	10%	162	SF		\$ -	\$ -
169	S201			6 MIL Vapor Barrier	147	10%	162	SF		\$ -	\$ -
170	S201			12" Thick Granular Fill	5	10%	6	CY		\$ -	\$ -
171	A303			R-10 Rigid Insulation	147	10%	162	SF		\$ -	\$ -
				<b>REINFORCEMENT</b>							
172	S201			#8 bars @ 12" O.C Each way Top and bottom	1569	10%	1,726	LB		\$ -	\$ -
173	S201			4" Thick Slab on grade	2513	10%	2,764	SF		\$ -	\$ -
174	S201			6 MIL Vapor Barrier	2513	10%	2,764	SF		\$ -	\$ -
175	S201			6" Thick Granular Fill	47	10%	51	CY		\$ -	\$ -
176	A302			R-10 Rigid Insulation	2513	10%	2,764	SF		\$ -	\$ -
				<b>REINFORCEMENT</b>							
177	S201			#4 bars @ 18" O.C Each way	2288	10%	2,517	LB		\$ -	\$ -
<b>LEVEL 1 SLAB (5000 PSI)</b>											
178	S202			8" Thick Post Tensioned Concrete Slab	3635	10%	3,999	SF		\$ -	\$ -
179	S202	9/S502		1/2" Tooled Construction Joint	399	10%	439	LF		\$ -	\$ -
				<b>REINFORCEMENT</b>							
180	S202		9T	8-#5 Top Bars	509	10%	560	LB		\$ -	\$ -
181	S202		2T	6-#5 Top Bars	89	10%	98	LB		\$ -	\$ -
182	S202		3B	#4 bottom bars @ 12" O.C	24	10%	26	LB		\$ -	\$ -
183	S202		14B	3-#5 bottom bars	497	10%	546	LB		\$ -	\$ -
184	S202		12T	#5 top bar @ 12" O.C	290	10%	319	LB		\$ -	\$ -
185	S202		3T	4-#5 top bars	76	10%	84	LB		\$ -	\$ -
186	S202		7T	10-#5 top bars	297	10%	327	LB		\$ -	\$ -
187	S202		8B	#4 bottom bars @ 24" O.C	156	10%	171	LB		\$ -	\$ -
188	S202		6T	5-#5 top bars	64	10%	70	LB		\$ -	\$ -
189	S202		6B	#4 bottom bars @ 32" O.C	25	10%	27	LB		\$ -	\$ -
190	S202		7B	#4 bottom bars @ 16" O.C	111	10%	122	LB		\$ -	\$ -
191	S202		2TB	#5 top and bottom bars @ 12" O.C	870	10%	957	LB		\$ -	\$ -
192	S202		1T	7-#5 top bars	446	10%	490	LB		\$ -	\$ -
193	S202		4T	6-#5 Top Bars	191	10%	210	LB		\$ -	\$ -
194	S202		10B	#4 bottom bars @ 24" O.C	154	10%	169	LB		\$ -	\$ -
195	S202		14T	12-#5 top bars	917	10%	1,008	LB		\$ -	\$ -
196	S202		2B	#5 bottom bars @ 6" O.C	191	10%	210	LB		\$ -	\$ -
197	S202		1B	#4 bottom bars @ 24" O.C each way.	2566	10%	2,823	LB		\$ -	\$ -
198	S202		9B	#4 bottom bars @ 8" O.C	303	10%	333	LB		\$ -	\$ -
199	S202		11B	#4 bottom bars @ 24" O.C	116	10%	128	LB		\$ -	\$ -
200	S202		12B	#4 bottom bars @ 16" O.C	252	10%	277	LB		\$ -	\$ -
201	S202		5T	5-#5 top bars	127	10%	140	LB		\$ -	\$ -
202	S202		1TB	2-#5 top and bottom bars	628	10%	691	LB		\$ -	\$ -
203	S202			8" Thick Reinforced Concrete Slab	112	10%	123	SF		\$ -	\$ -
				<b>REINFORCEMENT</b>							
204	S202		4B	#4 bottom bars @ 12" O.C	172	10%	189	LB		\$ -	\$ -
205	S202		3T	4-#5 top bars	28	10%	31	LB		\$ -	\$ -
206	S202		12T	#5 top bar @ 12" O.C	71	10%	78	LB		\$ -	\$ -
<b>LEVEL 2 SLAB (5000 PSI)</b>											
207	S203			8" Thick Post Tensioned Concrete Slab	3224	10%	3,546	SF		\$ -	\$ -

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208	S203	9/S502		1/2" Tooled Construction Joint	374	10%	411	LF		\$ -	\$ -	
				<b>REINFORCEMENT</b>								
209	S203		9T	8-#5 Top Bars	306	10%	336	LB		\$ -	\$ -	
210	S203		2T	6-#5 Top Bars	59	10%	65	LB		\$ -	\$ -	
211	S203		3B	#4 bottom bars @ 12" O.C	126	10%	139	LB		\$ -	\$ -	
212	S203		14B	3-#5 bottom bars	635	10%	698	LB		\$ -	\$ -	
213	S203		12T	#5 top bar @ 12" O.C	297	10%	327	LB		\$ -	\$ -	
214	S203		3T	4-#5 top bars	102	10%	112	LB		\$ -	\$ -	
215	S203		7T	10-#5 top bars	297	10%	327	LB		\$ -	\$ -	
216	S203		8B	#4 bottom bars @ 24" O.C	242	10%	266	LB		\$ -	\$ -	
217	S203		6T	5-#5 top bars	64	10%	70	LB		\$ -	\$ -	
218	S203		6B	#4 bottom bars @ 32" O.C	25	10%	27	LB		\$ -	\$ -	
219	S203		7B	#4 bottom bars @ 16" O.C	41	10%	45	LB		\$ -	\$ -	
220	S203		2TB	#5 top and bottom bars @ 12" O.C	509	10%	560	LB		\$ -	\$ -	
221	S203		1T	7-#5 top bars	371	10%	408	LB		\$ -	\$ -	
222	S203		4T	6-#5 Top Bars	191	10%	210	LB		\$ -	\$ -	
223	S203		10B	#4 bottom bars @ 24" O.C	649	10%	714	LB		\$ -	\$ -	
224	S203		1B	#4 bottom bars @ 24" O.C each way.	2039	10%	2,242	LB		\$ -	\$ -	
225	S203		9B	#4 bottom bars @ 8" O.C	340	10%	374	LB		\$ -	\$ -	
226	S203		11B	#4 bottom bars @ 24" O.C	62	10%	68	LB		\$ -	\$ -	
227	S203		5T	5-#5 top bars	255	10%	280	LB		\$ -	\$ -	
228	S203		1TB	2-#5 top and bottom bars	590	10%	649	LB		\$ -	\$ -	
229	S203		15T	8-#5 Top Bars	136	10%	149	LB		\$ -	\$ -	
230	S203		11T	#5 @ 24" O.C Top Bars	89	10%	98	LB		\$ -	\$ -	
231	S203		10T	6-#5 Top Bars	127	10%	140	LB		\$ -	\$ -	
232	S203		4B	#4 bottom bars @ 12" O.C	71	10%	78	LB		\$ -	\$ -	
233	S203			8" Thick Reinforced Concrete Slab	34	10%	37	SF		\$ -	\$ -	
				<b>REINFORCEMENT</b>								
234	S203		14B	3-#5 bottom bars	28	10%	30	LB		\$ -	\$ -	
235	S203		4B	#4 bottom bars @ 12" O.C	64	10%	71	LB		\$ -	\$ -	
				<b>LEVEL 3 SLAB (5000 PSI)</b>								
236	S204			12" Thick Post Tensioned Concrete Slab	2484	10%	2,732	SF		\$ -	\$ -	
237	S204	9/S502		1/2" Tooled Construction Joint	260	10%	286	LF		\$ -	\$ -	
				<b>REINFORCEMENT</b>								
238	S204		9T	8-#5 Top Bars	204	10%	224	LB		\$ -	\$ -	
239	S204		14B	3-#5 bottom bars	552	10%	607	LB		\$ -	\$ -	
240	S204		12T	#5 top bar @ 12" O.C	219	10%	241	LB		\$ -	\$ -	
241	S204		7T	10-#5 top bars	150	10%	165	LB		\$ -	\$ -	
242	S204		6B	#4 bottom bars @ 32" O.C	18	10%	20	LB		\$ -	\$ -	
243	S204		2TB	#5 top and bottom bars @ 12" O.C	21	10%	23	LB		\$ -	\$ -	
244	S204		1B	#4 bottom bars @ 24" O.C each way.	1537	10%	1,691	LB		\$ -	\$ -	
245	S204		9B	#4 bottom bars @ 8" O.C	563	10%	619	LB		\$ -	\$ -	
246	S204		1TB	2-#5 top and bottom bars	508	10%	558	LB		\$ -	\$ -	
247	S204		15T	8-#5 Top Bars	732	10%	805	LB		\$ -	\$ -	
248	S204		11T	#5 @ 24" O.C Top Bars	157	10%	173	LB		\$ -	\$ -	
249	S204		13T	4-#5 top bars	57	10%	63	LB		\$ -	\$ -	
250	S204		14T	12-#5 top bars	1222	10%	1,344	LB		\$ -	\$ -	
251	S204		13B	#4 bottom bars @ 48" O.C	72	10%	79	LB		\$ -	\$ -	
252	S204		16T	#5 top bars @ 12" O.C	111	10%	123	LB		\$ -	\$ -	
				<b>LEVEL 4 SLAB (5000 PSI)</b>								
253	S205			10" Thick Post Tensioned Concrete Slab	1096	10%	1,206	SF		\$ -	\$ -	
254	S205	9/S502		1/2" Tooled Construction Joint	134	10%	147	LF		\$ -	\$ -	
				<b>REINFORCEMENT</b>								
255	S205		14B	3-#5 bottom bars	331	10%	364	LB		\$ -	\$ -	
256	S205		12T	#5 top bar @ 12" O.C	57	10%	62	LB		\$ -	\$ -	
257	S205		7T	10-#5 top bars	371	10%	408	LB		\$ -	\$ -	
258	S205		1B	#4 bottom bars @ 24" O.C each way.	732	10%	805	LB		\$ -	\$ -	
259	S205		1TB	2-#5 top and bottom bars	297	10%	327	LB		\$ -	\$ -	
260	S205		15T	8-#5 Top Bars	136	10%	149	LB		\$ -	\$ -	
261	S205		14T	12-#5 top bars	458	10%	504	LB		\$ -	\$ -	
262	S205		1T	7-#5 top bars	223	10%	245	LB		\$ -	\$ -	
263	S205		3B	#4 bottom bars @ 12" O.C	48	10%	53	LB		\$ -	\$ -	
264	S205		5T	5-#5 top bars	85	10%	93	LB		\$ -	\$ -	
265	S205		3T	4-#5 top bars	25	10%	28	LB		\$ -	\$ -	
				<b>POST TENSIONED TENDONS (provided for reference only, cost is included above)</b>								
				<b>LEVEL 1 SLAB</b>								

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266	S202A	S501		Banded Tendons	3682	10%	4,050	LF		\$ -	\$ -	
267	S202A	S501		Distributed Tendons	599	10%	659	LF		\$ -	\$ -	
<b>LEVEL 2 SLAB</b>												
268	S203A	S501		Banded Tendons	3665	10%	4,032	LF		\$ -	\$ -	
269	S203A	S501		Distributed Tendons	519	10%	571	LF		\$ -	\$ -	
<b>LEVEL 3 SLAB</b>												
270	S204A	S501		Banded Tendons	4318	10%	4,750	LF		\$ -	\$ -	
271	S204A	S501		Distributed Tendons	813	10%	894	LF		\$ -	\$ -	
<b>LEVEL 4 SLAB</b>												
272	S205A	S501		Banded Tendons	1809	10%	1,990	LF		\$ -	\$ -	
273	S205A	S501		Distributed Tendons	239	10%	263	LF		\$ -	\$ -	
<b>CONCRETE TOPPING</b>												
<b>LEVEL 4</b>												
274	S205			1" Thick Gyp Crete	2214	10%	2,435	SF		\$ -	\$ -	
275	S205			1/4" Accousti-Mat II	2214	10%	2,435	SF		\$ -	\$ -	
<b>LEVEL 5</b>												
276	S206			1" Thick Gyp Crete	3207	10%	3,528	SF		\$ -	\$ -	
277	S206			1/4" Accousti-Mat II	3207	10%	3,528	SF		\$ -	\$ -	
<b>LEVEL 6</b>												
278	S207			1" Thick Gyp Crete	3208	10%	3,529	SF		\$ -	\$ -	
279	S207			1/4" Accousti-Mat II	3208	10%	3,529	SF		\$ -	\$ -	
<b>LEVEL 7</b>												
280	S208			1" Thick Gyp Crete	3208	10%	3,529	SF		\$ -	\$ -	
281	S208			1/4" Accousti-Mat II	3208	10%	3,529	SF		\$ -	\$ -	
<b>ROOF</b>												
282	S209			1" Thick Gyp Crete	973	10%	1,070	SF		\$ -	\$ -	
283	S209			1/4" Accousti-Mat II	973	10%	1,070	SF		\$ -	\$ -	
<b>CONCRETE FLOOR FINISH</b>												
284	A103/A104			Concrete Floor Finish	3560	10%	3,916	SF		\$ -	\$ -	
<b>CONCRETE CURB</b>												
285	S202			6" WX4" High Concrete curb	20	10%	22	LF		\$ -	\$ -	
<b>REINFORCEMENT</b>												
286	S202			#4 Horizontal bars @ 12" O.C	14	10%	15	LB		\$ -	\$ -	
287	S202			#5 vertical bars @ 12" O.C	7	10%	8	LB		\$ -	\$ -	
<b>THICKENED EDGE (3000 PSI)</b>												
288	S201	9/S403		Thickened edge	5	10%	5	CY		\$ -	\$ -	
289	S201	8/S401		Thickened edge	1	10%	1	CY		\$ -	\$ -	
<b>REINFORCEMENT</b>												
290				#4 dowels @ 24" O.C	74	10%	81	LB		\$ -	\$ -	
<b>SHORING &amp; WATERPROOFING</b>												
291	SH201			3x Preservative Treated Timber wood lagging Specie : Douglas FIR Larch Grade : #2	7105	10%	7,816	SF		\$ -	\$ -	
292	SH201			Water Proofing or Drainage Mat	7105	10%	7,816	SF		\$ -	\$ -	
<b>SOLDIER PILES</b>												
293	SH201			30" dia Soldier Piles for Shoring w/ Steel Section :W21x93	25	0%	25	EA.		\$ -	\$ -	
294	SH201			Concrete fill for Soldier piles	223	10%	245	CY		\$ -	\$ -	
<b>Concrete Sub Total</b>											\$ -	
<b>PROJECT MANAGER &amp; SUPERVISION</b>												
										8%	\$ -	
<b>GC SPECIAL REQUIREMENTS</b>												
										1%	\$ -	
<b>GENERAL REQUIREMENTS</b>												
										2%	\$ -	
<b>PRICE OVERHEAD</b>												
										5%	\$ -	
<b>PRICE FEE</b>												
										3%	\$ -	
<b>PRICE CONTINGENCIES</b>												
										5%	\$ -	
<b>INSURANCE</b>												
										1%	\$ -	
<b>TOTAL BASE BID</b>											\$ -	