

50% CD COST ESTIMATE

Project name Phase I 50% CD 12-18-02
Labor rate table Sac CA Rate Table
Equipment rate table Standard
Notes

Report format *Sorted by 'Class Code/Group phase/Phase'*
'Detail' summary
Print sort level notes

Standard Estimate Report
Phase I 50% CD 12-18-02

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
A Administration/Public Information Bldg												
2100.00 SITEWORK												
2144.10	<i>Dewater - Gravel at Slabs</i>											
	Gravel At Slab	28.54 cuyd	14.262 /cuyd	407	15.593 /cuyd	445	-		107	-	33.604 /cuyd	959
	Gravel At Slab	7.13 cuyd	14.261 /cuyd	102	15.592 /cuyd	111	-		27	-	33.603 /cuyd	239
	<i>Dewater - Gravel at Slabs</i>			509		556			134			1,198
	11	Labor hours										
	2	Equipment hours										
2144.20	<i>Dewater - Slab Sand Fill</i>											
	Sand Fill @ Slab	14.27 cuyd	14.262 /cuyd	204	17.75 /cuyd	253	-		54	-	35.76 /cuyd	510
	Sand Fill @ Slab	3.562 cuyd	14.262 /cuyd	51	17.75 /cuyd	63	-		13	-	35.76 /cuyd	127
	<i>Dewater - Slab Sand Fill</i>			254		316			67			638
	5	Labor hours										
	1	Equipment hours										
2220.25	<i>Excav - Footings (Mach)</i>											
	Excavate Footing By Machine	23.172 cuyd	5.90 /cuyd	137	-	-	-		65	-	8.711 /cuyd	202
	Excavate Footing By Machine	10.041 cuyd	5.90 /cuyd	59	-	-	-		28	-	8.711 /cuyd	87
	Excavate Footing By Machine	10.74 cuyd	5.90 /cuyd	63	-	-	-		30	-	8.711 /cuyd	94
	Excavate Footing By Machine	8.591 cuyd	5.90 /cuyd	51	-	-	-		24	-	8.711 /cuyd	75
	<i>Excav - Footings (Mach)</i>			310					148			458
	6	Labor hours										
	3	Equipment hours										
2220.30	<i>Excav - Pits, Misc</i>											
	Excavate Misc with Machine	0.47 cuyd	9.66 /cuyd	5	-	-	-		4	-	17.661 /cuyd	8
	Excavate Misc with Machine	5.833 cuyd	9.65 /cuyd	56	-	-	-		47	-	17.65 /cuyd	103
	<i>Excav - Pits, Misc</i>			61					50			111
	1	Labor hours										
	1	Equipment hours										
2220.40	<i>Excav - Shape & Grade</i>											
	Shape & Grade Footing	2.503 sqs	19.19 /sqs	48	-	-	-		3	-	20.44 /sqs	51
	Shape & Grade Footing	1.16 sqs	19.19 /sqs	22	-	-	-		1	-	20.44 /sqs	24
	Shape & Grade Footing	1.16 sqs	19.19 /sqs	22	-	-	-		1	-	20.44 /sqs	24
	Shape & Grade Turndowns etc.	1.14 sqs	19.19 /sqs	22	-	-	-		1	-	20.441 /sqs	23
	Shape & Grade Turndowns etc.	1.05 sqs	19.19 /sqs	20	-	-	-		1	-	20.44 /sqs	21
	<i>Excav - Shape & Grade</i>			134					9			143
	3	Labor hours										
	1	Equipment hours										
2220.45	<i>Excav - Fine Grade</i>											
	Fine Grade	23.12 sqs	17.291 /sqs	400	-	-	-		149	-	23.72 /sqs	548
	Fine Grade	5.771 sqs	17.292 /sqs	100	-	-	-		37	-	23.72 /sqs	137
	Fine Grade	0.56 sqs	17.29 /sqs	10	-	-	-		4	-	23.714 /sqs	13
	<i>Excav - Fine Grade</i>			509					189			698
	12	Labor hours										
	4	Equipment hours										
SITEWORK				1,777	872	0			597	0		3,247
	41	Labor hours										
	14	Equipment hours										
3000.00 CONCRETE												
3110.01	<i>Forms - Pile Caps</i>											
	Pile Cap Forms	22.50 sqft	1.28 /sqft	29	1.60 /sqft	36	-		-	-	2.872 /sqft	65

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	Forms - Pile Caps			29		36						65
	0. Labor hours											
3114.00	Forms - Walls											
	Wall Forms -	758.52 sqft	1.28 /sqft	967	1.60 /sqft	1,211	-		-	-	2.872 /sqft	2,178
	Wall Forms -	316.32 sqft	1.28 /sqft	403	1.60 /sqft	505	-		-	-	2.872 /sqft	908
	Wall Forms -	35.38 sqft	1.28 /sqft	45	1.60 /sqft	56	-		-	-	2.872 /sqft	102
	Forms - Walls			1,416		1,772						3,188
	27 Labor hours											
3127.00	Forms - Edgeform Slabs											
	EdgeForm 2x4 Random Length	36.00 lnft	1.60 /lnft	57	0.824 /lnft	30	-		-	-	2.42 /lnft	87
	Forms - Edgeform Slabs			57		30						87
	1 Labor hours											
3159.00	Forms - Strip & Oil											
	Strip/Oil Forms-Walls	758.52 sqft	0.384 /sqft	291	0.031 /sqft	23	-		-	-	0.42 /sqft	315
	Strip/Oil Forms-Walls	316.32 sqft	0.322 /sqft	102	0.031 /sqft	10	-		-	-	0.353 /sqft	112
	Strip/Oil Forms-Walls	35.38 sqft	0.322 /sqft	11	0.031 /sqft	1	-		-	-	0.352 /sqft	12
	Strip/Oil Forms-All other	22.50 sqft	0.322 /sqft	7	0.031 /sqft	1	-		-	-	0.353 /sqft	8
	Strip/Oil Forms-All other	36.00 sqft	0.10 /sqft	3	0.031 /sqft	1	-		-	-	0.13 /sqft	5
	Forms - Strip & Oil			415		36						451
	11 Labor hours											
3160.01	Forms - Screeds											
	Screeds	23.12 sqs	7.75 /sqs	179	2.06 /sqs	48	-		-	-	9.81 /sqs	227
	Screeds	5.771 sqs	7.75 /sqs	45	2.06 /sqs	12	-		-	-	9.81 /sqs	57
	Forms - Screeds			224		60						283
	4 Labor hours											
3161.00	Forms - Chamfer Strip											
	Chamfer Strip (3/4")	36.00 lnft	0.80 /lnft	29	0.21 /lnft	7	-		-	-	1.01 /lnft	36
	Forms - Chamfer Strip			29		7						36
3209.00	Rebar -											
	Wall and Footing Rebar #5 Grade 40	811.53 lnft	0.24 /lnft	194	0.32 /lnft	256	-		-	-	0.56 /lnft	451
	Wall Rebar #5 Grade 40	396.32 lnft	0.24 /lnft	95	0.32 /lnft	125	-		-	-	0.56 /lnft	220
	Rebar -			289		382						671
	6 Labor hours											
3214.10	Rebar - Slab On Grade											
	S.O.G. Rebar #3 Grade 40	3,329.66 lnft	0.12 /lnft	391	0.12 /lnft	384	-		-	-	0.233 /lnft	776
	S.O.G. Rebar #3 Grade 40	838.66 lnft	0.12 /lnft	98	0.12 /lnft	97	-		-	-	0.233 /lnft	195
	Rebar - Slab On Grade			490		481						971
	1C Labor hours											
3219.00	Rebar - All Types											
	Rebar #4 Grade 60	90.00 lnft	0.21 /lnft	19	0.22 /lnft	20	-		-	-	0.43 /lnft	38
	Rebar #5 Grade 60	64.00 lnft	0.39 /lnft	25	0.32 /lnft	20	-		-	-	0.703 /lnft	45
	Rebar - All Types			44		40						83
	0 Labor hours											
3231.00	Rebar - Wiremesh Lump Sum											
v	Wiremesh 6x6 10/10	0.62 sqft	0.211 /sqft	0	0.07 /sqft	0	-		-	-	0.28 /sqft	0
	Rebar - Wiremesh Lump Sum			0		0						0
	0 Labor hours											
3305.00	Conc - Pile Caps											
c	Pile Cap Conc 3000 psi	0.694 cuyd	16.081 /cuyd	11	66.974 /cuyd	46	-		-	-	83.06 /cuyd	58
c	Pile Cap Conc 3000 psi	0.50 cuyd	16.08 /cuyd	8	66.96 /cuyd	33	-		-	-	83.04 /cuyd	42

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Phase I 50% CD 12-18-02

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
3305.00	<i>Conc - Pile Caps</i>											
c	Pile Cap Conc 3000 psi	1.25 cuyd	16.08 /cuyd	20	66.98 /cuyd	84	-	-	-	-	83.06 /cuyd	104
	<i>Conc - Pile Caps</i>			39		164						203
	c Labor hours											
3306.00	<i>Conc - Footings</i>											
c	Footing Lean-Mix Concrete	13.903 cuyd	16.08 /cuyd	224	66.95 /cuyd	931	-	-	-	-	83.03 /cuyd	1,154
c	Footing Conc 3000 psi	0.772 cuyd	16.08 /cuyd	12	66.943 /cuyd	52	-	-	-	-	83.02 /cuyd	64
c	Footing Lean Mix Concrete	6.444 cuyd	16.08 /cuyd	104	66.95 /cuyd	431	-	-	-	-	83.03 /cuyd	535
c	Footing Conc 3000 psi	4.30 cuyd	16.08 /cuyd	69	66.953 /cuyd	288	-	-	-	-	83.031 /cuyd	357
	<i>Conc - Footings</i>			409		1,702						2,110
	1C Labor hours											
3307.00	<i>Conc - Walls</i>											
c	Wall Conc 3000 psi	10.54 cuyd	40.01 /cuyd	421	66.95 /cuyd	705	-	125	-	-	118.83 /cuyd	1,252
c	Wall Conc 3000 psi	4.393 cuyd	40.01 /cuyd	176	66.954 /cuyd	294	-	52	-	-	118.84 /cuyd	522
c	Wall Conc 3000 psi	0.983 cuyd	40.00 /cuyd	39	66.92 /cuyd	66	-	12	-	-	118.79 /cuyd	117
	<i>Conc - Walls</i>			637		1,065		189				1,891
	15 Labor hours											
	1 Equipment hours											
3310.01	<i>Conc - Slabs On Grade</i>											
c	S.O.G. Conc 3000 psi	28.54 cuyd	32.004 /cuyd	913	66.95 /cuyd	1,911	-	271	-	-	108.453 /cuyd	3,095
c	S.O.G. Conc 3000 psi	0.47 cuyd	32.00 /cuyd	15	66.953 /cuyd	31	-	4	-	-	108.46 /cuyd	51
c	S.O.G. Conc 3000 psi	7.13 cuyd	32.004 /cuyd	228	66.953 /cuyd	477	-	68	-	-	108.46 /cuyd	773
c	S.O.G. Conc 3000 psi	5.833 cuyd	32.004 /cuyd	187	66.95 /cuyd	391	-	55	-	-	108.454 /cuyd	633
c	S.O.G. Conc 3000 psi	0.691 cuyd	32.00 /cuyd	22	66.98 /cuyd	46	-	7	-	-	108.47 /cuyd	75
	<i>Conc - Slabs On Grade</i>			1,365		2,856		405				4,626
	34 Labor hours											
	4 Equipment hours											
3375.00	<i>Finish - Protect & Cure</i>											
	CS 309 Curing Compound	23.12 sqft	0.04 /sqft	1	0.031 /sqft	1	-	-	-	-	0.07 /sqft	2
	CS 309 Curing Compound	5.771 sqft	0.04 /sqft	0	0.031 /sqft	0	-	-	-	-	0.07 /sqft	0
	<i>Finish - Protect & Cure</i>			1		1						2
	c Labor hours											
3380.01	<i>Finish - General</i>											
	Trowel Finish (Machine)	2,311.61 sqft	0.37 /sqft	847	0.021 /sqft	48	-	193	-	-	0.47 /sqft	1,087
	Trowel Finish (Machine)	577.09 sqft	0.37 /sqft	211	0.021 /sqft	12	-	48	-	-	0.47 /sqft	271
	Trowel Finish (Machine)	56.00 sqft	0.37 /sqft	21	0.021 /sqft	1	-	5	-	-	0.47 /sqft	26
	Rub, Cut, & Patch	758.52 sqft	0.66 /sqft	500	0.031 /sqft	23	-	-	-	-	0.69 /sqft	523
	Rub, Cut, & Patch	316.32 sqft	0.66 /sqft	209	0.031 /sqft	10	-	-	-	-	0.69 /sqft	218
	Rub, Cut, & Patch	35.38 sqft	0.66 /sqft	23	0.031 /sqft	1	-	-	-	-	0.69 /sqft	24
	Rub, Cut, & Patch	36.00 sqft	0.66 /sqft	24	0.031 /sqft	1	-	-	-	-	0.69 /sqft	25
	<i>Finish - General</i>			1,834		96		245				2,175
	4E Labor hours											
	27 Equipment hours											
3951.00	<i>Set Grade Pins</i>											
	Set Grade Pins at Footing	227.51 lnft	0.78 /lnft	176	0.20 /lnft	46	-	-	-	-	0.98 /lnft	222
	<i>Set Grade Pins</i>			176		46						222
	3 Labor hours											
CONCRETE				7,452		8,772	0		840	0		17,064
	175 Labor hours											
	3E Equipment hours											
5000.00	METALS											

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
5000.02	<i>Field Bolts</i>											
	3/4" x 14" A.B.	60.00 each	5.81 /each	349	0.85 /each	51	-	-	-	-	6.66 /each	400
	3/4" x 14" A.B.	30.00 each	5.81 /each	174	0.85 /each	26	-	-	-	-	6.66 /each	200
	Set Bolts for Structural Steel	40.00 each	11.793 /each	472	0.85 /each	34	-	-	-	-	12.643 /each	506
	<i>Field Bolts</i>			994		111						1,105
	21 Labor hours											
5007.23	<i>4x 4 TS (Struc. Tubing)</i>											
	TS 4x4x1/4" Set Insert in Concrete	10.00 each	70.76 /each	708	110.00 /each	1,100	-	-	-	-	180.76 /each	1,808
	<i>4x 4 TS (Struc. Tubing)</i>			708		1,100						1,808
	15 Labor hours											
5008.26	<i>Welded Saddle</i>											
	Weld Saddle to Columns	10.00 each	130.84 /each	1,308	24.00 /each	240	-	-	200	-	174.84 /each	1,748
	<i>Welded Saddle</i>			1,308		240			200			1,748
	3C Labor hours											
	1C Equipment hours											
5008.65	<i>Set Base Plates</i>											
	Post Base 6x6	3.00 each	46.47 /each	139	18.50 /each	56	-	-	-	-	64.97 /each	195
	Post Base 6x6	10.00 each	46.47 /each	465	18.50 /each	185	-	-	-	-	64.97 /each	650
	<i>Set Base Plates</i>			604		241						845
	13 Labor hours											
5055.00	<i>Fastner - Col Anchor Bolt</i>											
	Anchor Bolt 1/2" x 12"	132.00 each	5.72 /each	754	2.45 /each	323	-	-	-	-	8.17 /each	1,078
	Anchor Bolt 1/2" x 12"	140.00 each	5.72 /each	800	2.45 /each	343	-	-	-	-	8.17 /each	1,143
	Anchor Bolt 1/2" x 12"	15.00 each	5.72 /each	86	2.45 /each	37	-	-	-	-	8.17 /each	122
	<i>Fastner - Col Anchor Bolt</i>			1,640		703						2,344
	35 Labor hours											
5510.80	<i>Stair & Stair Parts</i>											
	Wall Railing	21.00 /lft	10.804 /lft	227	12.35 /lft	259	-	-	30	-	24.582 /lft	516
	Pipe Handrails	32.50 /lft	10.233 /lft	333	27.20 /lft	884	-	-	-	-	37.433 /lft	1,217
	Sleeve @ Railing	12.00 each	23.24 /each	279	2.00 /each	24	-	-	-	-	25.24 /each	303
	<i>Stair & Stair Parts</i>			838		1,167			30			2,036
	18 Labor hours											
	4 Equipment hours											
METALS				6,093		3,562	0		230	0		9,885
	132 Labor hours											
	14 Equipment hours											
6000.00	WOOD & PLASTICS											
6001.00	<i>Fasteners - Frame Anchors</i>											
	Shot Anchors	8.00 each	1.161 /each	9	0.26 /each	2	-	-	-	-	1.421 /each	11
	<i>Fasteners - Frame Anchors</i>			9		2						11
	C Labor hours											
6005.00	<i>Rough Carpentry - Roof</i>											
-	Roof Trusses	3,462.00 sf	0.641 /sf	2,218	1.54 /sf	5,331	-	-	923	-	2.45 /sf	8,473
-	Roof Trusses	1,400.00 sf	0.641 /sf	897	1.54 /sf	2,156	-	-	373	-	2.45 /sf	3,426
	<i>Rough Carpentry - Roof</i>			3,115		7,487			1,297			11,899
	64 Labor hours											
	12 Equipment hours											
6054.00	<i>Fasteners - Nails</i>											
c	Nails - 16d common	0.50 keg	-	-	52.00 /keg	26	-	-	-	-	52.00 /keg	26

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6054.00	<i>Fasteners - Nails</i>													
c	Nails - 16d common	1.00	keg	-	52.00	/keg	52	-	-	-	52.00	/keg	52	
c	Nails - 16d common	0.25	keg	-	52.00	/keg	13	-	-	-	52.00	/keg	13	
c	Nails - 16d common	0.25	keg	-	52.00	/keg	13	-	-	-	52.00	/keg	13	
c	Nails - 16d common	0.05	keg	-	52.00	/keg	3	-	-	-	52.00	/keg	3	
c	Nails - 16d common	0.25	keg	-	52.00	/keg	13	-	-	-	52.00	/keg	13	
c	Nails - 16d common	1.00	keg	-	52.00	/keg	52	-	-	-	52.00	/keg	52	
c	Nails - 16d common	1.00	keg	-	52.00	/keg	52	-	-	-	52.00	/keg	52	
c	Nails - 16d common	14.00	keg	-	52.00	/keg	728	-	-	-	52.00	/keg	728	
ε	Sheetrock Nails 1-3/4 x 10 ga.	4.752	lbs	-	5.20	/lbs	25	-	-	-	5.20	/lbs	25	
ε	Sheetrock Nails 1-3/4 x 10 ga.	101.07	lbs	-	5.20	/lbs	526	-	-	-	5.20	/lbs	526	
ε	Sheetrock Nails 1-3/4 x 10 ga.	44.483	lbs	-	5.20	/lbs	231	-	-	-	5.20	/lbs	231	
ε	Sheetrock Nails 1-3/4 x 10 ga.	2.48	lbs	-	5.202	/lbs	13	-	-	-	5.202	/lbs	13	
ε	Sheetrock Nails 1-3/4 x 10 ga.	3.38	lbs	-	5.20	/lbs	18	-	-	-	5.20	/lbs	18	
ε	Sheetrock Nails 1-3/4 x 10 ga.	34.54	lbs	-	5.20	/lbs	180	-	-	-	5.20	/lbs	180	
	<i>Fasteners - Nails</i>						1,943					1,943		
6101.00	<i>Framing - Plates</i>													
	Plates 2x4 RL	39.90	lnft	0.61	/lnft	24	0.42	/lnft	17	-	-	1.03	/lnft	41
	Plates 2x4 RL	42.00	lnft	0.61	/lnft	26	0.42	/lnft	18	-	-	1.03	/lnft	43
	<i>Framing - Plates</i>					50		34					84	
	1. Labor hours													
6101.10	<i>Framing - Plates PT</i>													
	Plates PT 2x4 RL	294.79	lnft	0.61	/lnft	180	0.55	/lnft	161	-	-	1.16	/lnft	341
	Plates PT 2x4 RL	31.50	lnft	0.61	/lnft	19	0.55	/lnft	17	-	-	1.16	/lnft	36
	Plates PT 2x4 RL	16.28	lnft	0.61	/lnft	10	0.55	/lnft	9	-	-	1.16	/lnft	19
	Plates PT 2x4 RL	79.54	lnft	0.61	/lnft	49	0.55	/lnft	44	-	-	1.16	/lnft	92
	Plates PT 2x4 RL	50.00	lnft	0.61	/lnft	31	0.55	/lnft	27	-	-	1.16	/lnft	58
	Plates PT 2x6 RL	277.19	lnft	0.92	/lnft	254	0.68	/lnft	187	-	-	1.591	/lnft	441
	Plates PT 2x6 RL	105.93	lnft	0.92	/lnft	97	0.931	/lnft	99	-	-	1.85	/lnft	196
	<i>Framing - Plates PT</i>					639		544					1,183	
	13 Labor hours													
6106.00	<i>Framing - Studs</i>													
	Studs 2x4 RL	144.00	lnft	0.453	/lnft	65	0.42	/lnft	60	-	-	0.871	/lnft	125
	Studs 2x4 RL	60.00	lnft	0.453	/lnft	27	0.42	/lnft	25	-	-	0.871	/lnft	52
	Studs 2x4x 8	42.00	each	3.58	/each	150	3.332	/each	140	-	-	6.91	/each	290
	Studs 2x4x10	316.00	each	4.43	/each	1,399	4.162	/each	1,315	-	-	8.59	/each	2,714
	Studs 2x4x10	85.00	each	4.43	/each	376	4.162	/each	354	-	-	8.59	/each	730
	Studs 2x4x10	102.00	each	4.14	/each	422	4.162	/each	425	-	-	8.303	/each	847
	Studs 2x4x10	160.00	each	4.141	/each	662	4.162	/each	666	-	-	8.303	/each	1,328
	Studs 2x6x10	246.00	each	7.44	/each	1,829	6.76	/each	1,663	-	-	14.20	/each	3,492
	Studs 2x6x10	123.00	each	6.76	/each	831	6.76	/each	831	-	-	13.52	/each	1,663
	<i>Framing - Studs</i>					5,762		5,479					11,242	
	125 Labor hours													
6108.00	<i>Framing - Ceiling Joists</i>													
	Ceiling Joist 2x6 RL	120.00	lnft	1.18	/lnft	141	0.68	/lnft	81	-	-	1.852	/lnft	222
	Ceiling Joist 2x8x16	58.00	each	21.00	/each	1,218	14.43	/each	837	-	-	35.423	/each	2,055
	Ceiling Joist 2x8x22	58.00	each	28.871	/each	1,675	19.834	/each	1,150	-	-	48.71	/each	2,825
	<i>Framing - Ceiling Joists</i>					3,033		2,068					5,102	
	65 Labor hours													
6109.00	<i>Framing - Roof Rafters</i>													
	Rafters 2x6x16	16.00	each	11.92	/each	191	10.82	/each	173	-	-	22.732	/each	364
	<i>Framing - Roof Rafters</i>					191		173					364	
	4 Labor hours													
6111.00	<i>Framing - Beams & Headers</i>													
4	Beams & Headers 4x12x6	2.00	each	16.22	/each	32	29.95	/each	60	-	-	46.17	/each	92
4	Beams & Headers 4x12x14	3.00	each	37.933	/each	114	69.89	/each	210	-	-	107.82	/each	323

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
6111.00	<i>Framing - Beams & Headers</i>											
4	Beams & Headers 4x12x14	9.00	each	37.934 /each	341	69.89 /each	629	-	-	-	107.822 /each	970
4	Beams & Headers 4x12x24	1.00	each	64.99 /each	65	119.81 /each	120	-	-	-	184.80 /each	185
€	Beams & Headers 6x12 RL	65.00	lnft	3.872 /lnft	252	5.304 /lnft	345	-	-	-	9.18 /lnft	596
	<i>Framing - Beams & Headers</i>				804		1,363					2,167
	17		Labor hours									
6116.00	<i>Plywd - Wall Sheathing</i>											
c	Wall Sheath 1/2" Cdx Plywood	2,375.91	sqft	0.73 /sqft	1,725	0.49 /sqft	1,161	-	-	-	1.22 /sqft	2,886
c	Wall Sheath 1/2" Cdx Plywood	270.00	sqft	0.73 /sqft	196	0.49 /sqft	132	-	-	-	1.22 /sqft	328
c	Wall Sheath 1/2" Cdx Plywood	152.00	sqft	0.73 /sqft	110	0.49 /sqft	74	-	-	-	1.22 /sqft	185
c	Wall Sheath 1/2" Cdx Plywood	320.00	sqft	0.73 /sqft	232	0.49 /sqft	156	-	-	-	1.22 /sqft	389
c	Wall Sheath 1/2" Cdx Plywood	1,050.00	sqft	0.73 /sqft	762	0.49 /sqft	513	-	-	-	1.22 /sqft	1,276
c	Wall Sheath 1/2" Cdx Plywood	500.00	sqft	0.73 /sqft	363	0.49 /sqft	244	-	-	-	1.22 /sqft	607
	<i>Plywd - Wall Sheathing</i>				3,389		2,282					5,671
	72		Labor hours									
6117.00	<i>Plywd - Roof Sheathing</i>											
c	Roof Sheathing 5/8" Cdx	3,600.00	sqft	0.72 /sqft	2,574	0.50 /sqft	1,797	-	-	-	1.214 /sqft	4,371
c	Roof Sheathing 5/8" Cdx	1,482.00	sqft	0.72 /sqft	1,060	0.50 /sqft	740	-	-	-	1.214 /sqft	1,799
	<i>Plywd - Roof Sheathing</i>				3,633		2,537					6,170
	7E		Labor hours									
6118.00	<i>Plywd - Other Sheathing</i>											
c	Sheathing 1/2" Cdx Plywood	761.84	sqft	0.63 /sqft	476	0.49 /sqft	372	-	-	-	1.114 /sqft	849
c	Sheathing 3/4" Cdx Plywood	315.00	sqft	1.162 /sqft	366	0.78 /sqft	246	-	-	-	1.942 /sqft	612
c	Sheathing 3/4" Cdx Plywood	498.86	sqft	1.162 /sqft	580	0.78 /sqft	389	-	-	-	1.942 /sqft	969
	<i>Plywd - Other Sheathing</i>				1,422		1,007					2,429
	2C		Labor hours									
6121.00	<i>Plywd - Misc Items</i>											
	Cementitious Siding Panels	479.30	sqft	5.97 /sqft	2,861	1.10 /sqft	527	-	-	-	7.07 /sqft	3,389
	Redwood Battens	626.190	lnft	1.55 /lnft	970	0.624 /lnft	391	-	-	-	2.173 /lnft	1,361
	Cementitious Siding Panels	277.58	sqft	5.97 /sqft	1,657	1.10 /sqft	305	-	-	-	7.07 /sqft	1,962
	Redwood Battens	286.00	lnft	1.55 /lnft	443	0.624 /lnft	178	-	-	-	2.173 /lnft	621
	<i>Plywd - Misc Items</i>				5,932		1,402					7,333
	127.		Labor hours									
6123.00	<i>Blocking</i>											
€	Blocking 2 x 4 R.L.	884.363	lnft	0.543 /lnft	481	0.42 /lnft	370	-	-	-	0.962 /lnft	850
€	Blocking 2 x 4 R.L.	94.50	lnft	0.543 /lnft	51	0.42 /lnft	40	-	-	-	0.961 /lnft	91
€	Blocking 2 x 4 R.L.	79.80	lnft	0.543 /lnft	43	0.42 /lnft	33	-	-	-	0.962 /lnft	77
€	Blocking 2 x 4 R.L.	32.55	lnft	0.543 /lnft	18	0.42 /lnft	14	-	-	-	0.962 /lnft	31
€	Blocking 2 x 4 R.L.	84.00	lnft	0.543 /lnft	46	0.28 /lnft	23	-	-	-	0.822 /lnft	69
€	Blocking 2 x 4 R.L.	144.97	lnft	0.543 /lnft	79	0.28 /lnft	40	-	-	-	0.822 /lnft	119
€	Blocking 2 x 4 R.L.	144.97	lnft	0.543 /lnft	79	0.28 /lnft	40	-	-	-	0.822 /lnft	119
€	Blocking 2 x 4 R.L.	80.00	lnft	3.13 /lnft	250	0.42 /lnft	33	-	-	-	3.55 /lnft	284
€	Blocking 2 x 4 R.L.	150.00	lnft	3.13 /lnft	469	0.42 /lnft	63	-	-	-	3.55 /lnft	532
€	Blocking 2 x 6 R.L.	831.57	lnft	0.543 /lnft	452	0.68 /lnft	562	-	-	-	1.22 /lnft	1,014
€	Blocking 2 x 6 R.L.	96.00	lnft	0.543 /lnft	52	0.68 /lnft	65	-	-	-	1.22 /lnft	117
€	Blocking 2 x 6 R.L.	75.00	lnft	0.543 /lnft	41	0.68 /lnft	51	-	-	-	1.22 /lnft	91
€	Blocking 2 x 6 R.L.	106.00	lnft	1.24 /lnft	131	0.68 /lnft	72	-	-	-	1.92 /lnft	203
€	Blocking 2 x 8 R.L.	450.00	lnft	0.543 /lnft	245	0.91 /lnft	408	-	-	-	1.45 /lnft	652
	<i>Blocking</i>				2,436		1,814					4,250
	5E		Labor hours									
6410.00	<i>Millwork & Cabinets</i>											
	Base Cabinet (Built Up)	0.00	lnft	0.00	0	0.00	0	-	-	-		
	Base Cabinet (Built Up)	6.50	lnft	23.94 /lnft	156	156.00 /lnft	1,014	-	-	-	179.94 /lnft	1,170
	Base Cabinet (Built Up)	5.00	lnft	23.94 /lnft	120	130.00 /lnft	650	-	-	-	153.94 /lnft	770
	Wall Cabinets (Built Up)	5.00	lnft	34.814 /lnft	174	130.00 /lnft	650	-	-	-	164.814 /lnft	824
	Wall Cabinets (Built Up)	9.00	lnft	34.814 /lnft	313	130.00 /lnft	1,170	-	-	-	164.814 /lnft	1,483

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total			
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount		
6410.00	<i>Millwork & Cabinets</i>													
	Counter Tops	0.00	Inft	0.00	0	0.00	0	-	-	-				
	Counter Tops	6.50	Inft	23.94	/Inft	156	26.00	/Inft	169	-	-	49.94	/Inft	325
	Counter Tops	5.00	Inft	23.94	/Inft	120	26.00	/Inft	130	-	-	49.94	/Inft	250
	Full Height Cabinet	0.00	Inft	0.00	0	0.00	0	-	-	-				
	<i>Millwork & Cabinets</i>				1,038		3,783					4,821		
	21. Labor hours													
	WOOD & PLASTICS				31,454		31,919	0		1,297	0	64,669		
	66E Labor hours													
	12 Equipment hours													
7000.00	THERMAL & MOISTURE PROT													
7192.00	<i>Vapor Barrier</i>													
	Poly Vapor Barrier 4 Mil	23.291	sqsq	3.762	/sqsq	88	2.832	/sqsq	66	-	-	6.594	/sqsq	154
	Poly Vapor Barrier 6 mil	6.552	sqsq	12.36	/sqsq	81	3.61	/sqsq	24	-	-	15.97	/sqsq	105
	Moistop Vapor Barrier 10 Mil	29.89	sqsq	18.80	/sqsq	562	5.613	/sqsq	168	-	-	24.413	/sqsq	730
	Moistop Vapor Barrier 10 Mil	6.06	sqsq	18.80	/sqsq	114	5.613	/sqsq	34	-	-	24.413	/sqsq	148
	Building Paper	2,375.91	sf	0.16	/sf	368	0.16	/sf	367	-	-	0.31	/sf	735
	Building Paper	270.00	sf	0.16	/sf	42	0.16	/sf	42	-	-	0.31	/sf	84
	Building Paper	152.00	sf	0.16	/sf	24	0.154	/sf	23	-	-	0.31	/sf	47
	Building Paper	320.00	sf	0.16	/sf	50	0.16	/sf	49	-	-	0.31	/sf	99
	Building Paper	315.00	sf	0.16	/sf	49	0.16	/sf	49	-	-	0.31	/sf	97
	Building Paper	1,050.00	sf	0.16	/sf	163	0.16	/sf	162	-	-	0.31	/sf	325
	Building Paper	500.00	sf	0.16	/sf	77	0.16	/sf	77	-	-	0.31	/sf	155
	Building Paper	761.84	sf	0.16	/sf	118	0.154	/sf	118	-	-	0.31	/sf	236
	<i>Vapor Barrier</i>				1,734		1,179					2,913		
	3E Labor hours													
7211.00	<i>Insulation - Batt</i>													
	t Batt Insulation 6.0" x 15½"	2,375.91	sqft	0.16	/sqft	373	0.43	/sqft	1,020	-	-	0.59	/sqft	1,393
	t Batt Insulation 6.0" x 15½"	1,050.00	sqft	0.104	/sqft	109	0.43	/sqft	451	-	-	0.533	/sqft	560
	<i>Insulation - Batt</i>				483		1,470					1,953		
	1C Labor hours													
7211.20	<i>Insulation - Sound Blanket</i>													
	1 Sound Blanket 16" x 4.00 "	2,318.21	sqft	0.16	/sqft	364	0.474	/sqft	1,098	-	-	0.631	/sqft	1,463
	1 Sound Blanket 16" x 4.00 "	632.59	sqft	0.184	/sqft	116	0.474	/sqft	300	-	-	0.66	/sqft	416
	<i>Insulation - Sound Blanket</i>				481		1,398					1,879		
	ε Labor hours													
7410.01	<i>Roofing - Metal</i>													
	Batten Seam Metal Roof	3,200.00	sqft	1.59	/sqft	5,086	3.37	/sqft	10,778	-	-	4.96	/sqft	15,864
	Pre-Fin. Metal Gutter	118.00	Inft	6.52	/Inft	769	4.893	/Inft	577	-	-	11.413	/Inft	1,347
	Pre-Fin. Metal Fascia	192.32	Inft	5.40	/Inft	1,038	2.23	/Inft	428	-	-	7.621	/Inft	1,466
	Pre-Fin. Metal Valley & Ridge	205.00	Inft	7.824	/Inft	1,604	6.08	/Inft	1,246	-	-	13.901	/Inft	2,850
	Flashing													
	Pre-Fin. Metal Downspouts	40.00	Inft	6.52	/Inft	261	4.893	/Inft	196	-	-	11.413	/Inft	457
	Pre-Fin. Alum. Louver	4.00	each	92.94	/each	372	190.55	/each	762	-	-	283.49	/each	1,134
	Batten Seam Metal Roof	1,482.00	sqft	1.59	/sqft	2,356	3.37	/sqft	4,992	-	-	4.96	/sqft	7,347
	Pre-Fin. Metal Gutter	78.00	Inft	6.52	/Inft	509	4.893	/Inft	382	-	-	11.413	/Inft	890
	Pre-Fin. Metal Fascia	154.00	Inft	5.40	/Inft	831	2.23	/Inft	343	-	-	7.621	/Inft	1,174
	Pre-Fin. Metal Valley & Ridge	39.00	Inft	7.824	/Inft	305	6.08	/Inft	237	-	-	13.901	/Inft	542
	Flashing													
	Pre-Fin. Metal Downspouts	40.00	Inft	6.52	/Inft	261	4.893	/Inft	196	-	-	11.413	/Inft	457
	Pre-Fin. Alum. Louver	2.00	each	92.94	/each	186	190.55	/each	381	-	-	283.49	/each	567
	<i>Roofing - Metal</i>				13,577		20,516					34,093		
	292 Labor hours													

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
THERMAL & MOISTURE PROT				16,274		24,564		0		0		40,838
	351 Labor hours											
8000.00	DOORS & WINDOWS											
8001.00	Aluminum Entrance Doors											
	6'0x7'0 Entrance	2.00 EA	2,194.29 /EA	4,389	1,700.00 /EA	3,400	-	-	-	-	3,894.29 /EA	7,789
	3'0x7'0 Entrance	1.00 EA	1,097.140 /EA	1,097	850.00 /EA	850	-	-	-	-	1,947.14 /EA	1,947
	Aluminum Entrance Doors			5,486		4,250						9,736
	114 Labor hours											
8017.00	Door Hardware											
-	Door Hardware	23.00 ea	23.24 /ea	534	300.00 /ea	6,900	-	-	-	-	323.24 /ea	7,434
-	Door Hardware	5.00 ea	23.24 /ea	116	300.00 /ea	1,500	-	-	-	-	323.24 /ea	1,616
	Door Hardware			651		8,400						9,051
	14 Labor hours											
8110.01	Doors - Steel with Frames											
	Steel Frame - Single	16.00 each	46.47 /each	744	85.00 /each	1,360	-	-	-	-	131.47 /each	2,104
	Steel Frame - Single	5.00 each	46.47 /each	232	85.00 /each	425	-	-	-	-	131.47 /each	657
	Steel Frame - Double	1.00 each	46.47 /each	46	98.00 /each	98	-	-	-	-	144.47 /each	144
	Doors - Steel with Frames			1,022		1,883						2,905
	22 Labor hours											
8210.01	Doors - Wood											
t	Door Fire Core 3-0 x 7-0	18.00 each	139.41 /each	2,509	125.00 /each	2,250	-	-	-	-	264.410 /each	4,759
t	Door Fire Core 3-0 x 7-0	5.00 each	69.71 /each	349	125.00 /each	625	-	-	-	-	194.71 /each	974
	Doors - Wood			2,858		2,875						5,733
	61 Labor hours											
8520.01	Windows - Aluminum											
	Wndow Alum Csmnt Fixed	298.50 sqft	-	-	-	-	8,955	-	-	-	30.00 /sqft	8,955
	Wndow Alum Csmnt Fixed	45.00 sqft	-	-	-	-	1,350	-	-	-	30.00 /sqft	1,350
	Windows - Aluminum						10,305					10,305
DOORS & WINDOWS				10,017		17,408	10,305		0	0		37,730
	211 Labor hours											
9000.00	FINISHES											
9206.00	Ceiling Metal Frame											
	Metl Lath Furr Wall 2.5lb Mesh (SF)	2,375.91 sf	0.28 /sf	655	0.32 /sf	760	-	-	-	-	0.60 /sf	1,416
	Metl Lath Furr Wall 2.5lb Mesh (SF)	270.00 sf	0.28 /sf	74	0.32 /sf	86	-	-	-	-	0.60 /sf	161
	Metl Lath Furr Wall 2.5lb Mesh (SF)	304.00 sf	0.28 /sf	84	0.32 /sf	97	-	-	-	-	0.60 /sf	181
	Metl Lath Furr Wall 2.5lb Mesh (SF)	640.00 sf	0.28 /sf	177	0.32 /sf	205	-	-	-	-	0.60 /sf	381
	Metl Lath Furr Wall 2.5lb Mesh (SF)	315.00 sf	0.28 /sf	87	0.32 /sf	101	-	-	-	-	0.60 /sf	188
	Metl Lath Furr Wall 2.5lb Mesh (SF)	500.00 sf	0.28 /sf	138	0.32 /sf	160	-	-	-	-	0.60 /sf	298
	Metl Lath Furr Wall 2.5lb Mesh (SF)	761.84 sf	0.28 /sf	210	0.32 /sf	244	-	-	-	-	0.60 /sf	454
	Ceiling Metal Frame			1,425		1,653						3,079
	30 Labor hours											
9220.01	Lath/Plstr - Cement Plstr											
1	Plaster Cement 3 Coats	2,375.91 sqft	0.813 /sqft	1,931	0.361 /sqft	858	-	-	317	-	1.31 /sqft	3,105

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
<i>Lath/Plstr - Cement Plstr</i>												
1	Plaster Cement 3 Coats	270.00	sqft	0.813 /sqft	219	0.361 /sqft	97	-	36	-	1.31 /sqft	353
1	Plaster Cement 3 Coats	304.00	sqft	0.813 /sqft	247	0.361 /sqft	110	-	41	-	1.31 /sqft	397
1	Plaster Cement 3 Coats	640.00	sqft	0.813 /sqft	520	0.361 /sqft	231	-	85	-	1.31 /sqft	836
1	Plaster Cement 3 Coats	315.00	sqft	0.813 /sqft	256	0.361 /sqft	114	-	42	-	1.31 /sqft	412
1	Plaster Cement 3 Coats	500.00	sqft	1.89 /sqft	942	0.56 /sqft	280	-	250	-	2.95 /sqft	1,472
1	Plaster Cement 3 Coats	761.84	sqft	1.89 /sqft	1,436	0.56 /sqft	427	-	381	-	2.95 /sqft	2,244
	<i>Lath/Plstr - Cement Plstr</i>				5,552		2,116		1,152			8,820
	151 Labor hours											
	17 Equipment hours											
<i>GWB - Wall Board/Sheath</i>												
	GWB 5/8" All Size Regular	2,375.91	sqft	-	-	0.35 /sqft	832	-	-	-	0.35 /sqft	832
	GWB 5/8" All Size Regular	5,053.50	sqft	-	-	0.35 /sqft	1,769	-	-	-	0.35 /sqft	1,769
	GWB 5/8" All Size Regular	1,646.00	sqft	-	-	0.35 /sqft	576	-	-	-	0.35 /sqft	576
	GWB 5/8" All Size Regular	121.00	sqft	-	-	0.35 /sqft	42	-	-	-	0.35 /sqft	42
	GWB 5/8" All Size Regular	1,050.00	sqft	-	-	0.35 /sqft	368	-	-	-	0.35 /sqft	368
	GWB 5/8" All Size Regular	1,028.00	sqft	-	-	0.35 /sqft	360	-	-	-	0.35 /sqft	360
C	Labor Hang GWB Interior	5,053.50	sqft	0.42 /sqft	2,107	-	-	-	-	-	0.42 /sqft	2,107
C	Labor Hang GWB Interior	2,375.91	sqft	0.42 /sqft	990	-	-	-	-	-	0.42 /sqft	990
C	Labor Hang GWB Interior	1,050.00	sqft	0.42 /sqft	438	-	-	-	-	-	0.42 /sqft	438
C	Labor Hang GWB Interior	1,028.00	sqft	0.42 /sqft	429	-	-	-	-	-	0.42 /sqft	429
C	Labor Hang GWB To Ceiling	1,646.00	sqft	0.422 /sqft	695	-	-	-	-	-	0.422 /sqft	695
C	Labor Hang GWB To Ceiling	570.29	sqft	0.422 /sqft	241	-	-	-	-	-	0.422 /sqft	241
f	Finish Sheetrock	2,375.91	sqft	0.38 /sqft	892	0.06 /sqft	143	-	-	-	0.44 /sqft	1,035
f	Finish Sheetrock	5,053.50	sqft	0.38 /sqft	1,898	0.06 /sqft	303	-	-	-	0.44 /sqft	2,201
f	Finish Sheetrock	1,646.00	sqft	0.38 /sqft	618	0.06 /sqft	99	-	-	-	0.44 /sqft	717
f	Finish Sheetrock	124.00	sqft	0.38 /sqft	47	0.06 /sqft	7	-	-	-	0.44 /sqft	54
f	Finish Sheetrock	1,050.00	sqft	0.38 /sqft	394	0.06 /sqft	63	-	-	-	0.44 /sqft	457
f	Finish Sheetrock	1,028.00	sqft	0.38 /sqft	386	0.06 /sqft	62	-	-	-	0.44 /sqft	448
f	Finish Sheetrock	570.29	sqft	0.38 /sqft	214	0.06 /sqft	34	-	-	-	0.44 /sqft	248
	<i>GWB - Wall Board/Sheath</i>				9,348		4,657					14,005
	209 Labor hours											
<i>Ceramic Tile</i>												
	Ceramic Tile Floor Grade 2	128.00	sqft	3.31 /sqft	423	4.20 /sqft	538	-	-	-	7.51 /sqft	961
	Ceramic Tile Floor Grade 2	105.00	sqft	3.31 /sqft	347	4.20 /sqft	441	-	-	-	7.51 /sqft	788
	Ceramic Tile Floor Grade 2	40.00	sqft	3.31 /sqft	132	4.20 /sqft	168	-	-	-	7.51 /sqft	300
	Ceramic Tile Floor Grade 2	263.14	sqft	3.31 /sqft	871	4.20 /sqft	1,105	-	-	-	7.51 /sqft	1,976
	Ceramic Tile Wall Grade 2	348.00	sqft	4.203 /sqft	1,463	4.20 /sqft	1,462	-	-	-	8.403 /sqft	2,924
	Ceramic Tile Wall Grade 2	210.00	sqft	4.203 /sqft	883	4.20 /sqft	882	-	-	-	8.403 /sqft	1,765
	Ceramic Tile Wall Grade 2	108.00	sqft	4.203 /sqft	454	4.20 /sqft	454	-	-	-	8.403 /sqft	908
	Ceramic Tile Wall Grade 2	572.74	sqft	4.203 /sqft	2,407	4.20 /sqft	2,406	-	-	-	8.403 /sqft	4,813
	Ceramic Trim: Bullnose Pieces	82.00	lnft	7.381 /lnft	605	4.12 /lnft	338	-	-	-	11.501 /lnft	943
	Ceramic Trim: Bullnose Pieces	71.00	lnft	7.381 /lnft	524	4.12 /lnft	293	-	-	-	11.501 /lnft	817
	Ceramic Trim: Bullnose Pieces	30.00	lnft	7.381 /lnft	221	4.12 /lnft	124	-	-	-	11.501 /lnft	345
	Ceramic Trim: Bullnose Pieces	81.00	lnft	7.381 /lnft	598	4.12 /lnft	334	-	-	-	11.501 /lnft	932
	Ceramic Trim: Inside Corner	48.00	lnft	1.043 /lnft	50	1.25 /lnft	60	-	-	-	2.293 /lnft	110
	Ceramic Trim: Inside Corner	24.00	lnft	1.043 /lnft	25	1.25 /lnft	30	-	-	-	2.293 /lnft	55
	Ceramic Trim: Inside Corner	24.00	lnft	1.043 /lnft	25	1.25 /lnft	30	-	-	-	2.293 /lnft	55
	Ceramic Trim: Inside Corner	63.00	lnft	1.891 /lnft	119	1.25 /lnft	79	-	-	-	3.141 /lnft	198
	Ceramic Trim: Cove Base	64.00	lnft	5.044 /lnft	323	3.95 /lnft	253	-	-	-	8.994 /lnft	576
	Ceramic Trim: Cove Base	44.00	lnft	5.044 /lnft	222	3.95 /lnft	174	-	-	-	8.994 /lnft	396
	Ceramic Trim: Cove Base	26.00	lnft	5.044 /lnft	131	3.95 /lnft	103	-	-	-	8.994 /lnft	234
	Ceramic Trim: Cove Base	81.00	lnft	5.044 /lnft	409	3.95 /lnft	320	-	-	-	8.994 /lnft	729
	Setting Method Mud Set 1.5"Bed	128.00	sqft	3.44 /sqft	440	0.65 /sqft	83	-	-	-	4.09 /sqft	523
	Setting Method Mud Set 1.5"Bed	105.00	sqft	3.44 /sqft	361	0.65 /sqft	68	-	-	-	4.09 /sqft	429
	Setting Method Mud Set 1.5"Bed	40.00	sqft	3.44 /sqft	138	0.65 /sqft	26	-	-	-	4.09 /sqft	164
	Setting Method Mud Set 1.5"Bed	263.00	sqft	3.44 /sqft	904	0.65 /sqft	171	-	-	-	4.09 /sqft	1,075
	Setting Method Thinsset	348.00	sqft	3.153 /sqft	1,097	0.08 /sqft	28	-	-	-	3.233 /sqft	1,125
	Setting Method Thinsset	210.00	sqft	3.153 /sqft	662	0.08 /sqft	17	-	-	-	3.233 /sqft	679
	Setting Method Thinsset	108.00	sqft	3.153 /sqft	340	0.08 /sqft	9	-	-	-	3.233 /sqft	349

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
9310.01	<i>Ceramic Tile</i>											
	Setting Method Thinset	572.00 sqft	3.153 /sqft	1,803	0.08 /sqft	46	-	-	-	-	3.233 /sqft	1,849
	Wonderboard	348.00 sqft	0.293 /sqft	102	0.35 /sqft	122	-	-	-	-	0.643 /sqft	224
	Wonderboard	210.00 sqft	0.293 /sqft	62	0.35 /sqft	74	-	-	-	-	0.643 /sqft	135
	Wonderboard	108.00 sqft	0.293 /sqft	32	0.35 /sqft	38	-	-	-	-	0.643 /sqft	69
	Wonderboard	572.00 sqft	0.293 /sqft	168	0.35 /sqft	200	-	-	-	-	0.643 /sqft	368
	Ceramic Tile Grout	1.07 cuft	75.661 /cuft	81	5.01 /cuft	5	-	-	-	-	80.67 /cuft	86
	Ceramic Tile Grout	0.88 cuft	75.66 /cuft	66	5.01 /cuft	4	-	-	-	-	80.663 /cuft	71
	Ceramic Tile Grout	0.333 cuft	75.65 /cuft	25	5.02 /cuft	2	-	-	-	-	80.661 /cuft	27
	Ceramic Tile Grout	2.90 cuft	75.66 /cuft	219	5.00 /cuft	15	-	-	-	-	80.66 /cuft	234
	Ceramic Tile Grout	1.75 cuft	75.663 /cuft	132	5.00 /cuft	9	-	-	-	-	80.663 /cuft	141
	Ceramic Tile Grout	0.90 cuft	75.66 /cuft	68	5.00 /cuft	5	-	-	-	-	80.66 /cuft	73
	Ceramic Tile Grout	2.78 cuft	75.661 /cuft	210	5.002 /cuft	14	-	-	-	-	80.663 /cuft	224
	Ceramic Tile Grout	5.20 cuft	75.66 /cuft	393	5.00 /cuft	26	-	-	-	-	80.66 /cuft	419
	<i>Ceramic Tile</i>			17,537		10,550						28,087
	461 Labor hours											
9510.05	<i>Ceiling - Glue On</i>											
	Glue On Ceiling Tile 12x12 Acoustic	831.16 sqft	0.662 /sqft	550	1.33 /sqft	1,105	-	-	-	-	1.992 /sqft	1,655
	<i>Ceiling - Glue On</i>			550		1,105						1,655
	13 Labor hours											
9510.10	<i>Ceiling - Grid Mains</i>											
	Pins & Loads	40.00 each	-	-	0.63 /each	25	-	-	-	-	0.63 /each	25
	Hanger Wire (#12 ga.)	527.63 lnft	-	-	0.04 /lnft	20	-	-	-	-	0.04 /lnft	20
	Main Tee Intermediate White	134.00 lnft	2.07 /lnft	277	0.20 /lnft	27	-	-	-	-	2.27 /lnft	304
	<i>Ceiling - Grid Mains</i>			277		72						349
	6 Labor hours											
9510.20	<i>Ceiling - 4' Tee</i>											
	Cross Tee 4' Intermediate	67.00 each	10.34 /each	693	3.20 /each	214	-	-	-	-	13.54 /each	907
	<i>Ceiling - 4' Tee</i>			693		214						907
	16 Labor hours											
9510.30	<i>Ceiling - 2' Tees</i>											
	Cross Tee 2' Intermediate	67.00 each	10.34 /each	693	1.60 /each	107	-	-	-	-	11.94 /each	800
	<i>Ceiling - 2' Tees</i>			693		107						800
	16 Labor hours											
9510.40	<i>Ceiling - Wall Mold</i>											
	Nails for Wall Mould	218.00 each	-	-	0.001 /each	0	-	-	-	-	0.001 /each	0
	Wall Mold 15/16 Angle White	218.00 lnft	1.38 /lnft	300	0.122 /lnft	27	-	-	-	-	1.50 /lnft	327
	<i>Ceiling - Wall Mold</i>			300		27						327
	7 Labor hours											
9510.60	<i>Ceiling - 2x2 Tile</i>											
	MinFbr SqEdge Std 2x2 5/8"	703.50 sqft	0.431 /sqft	303	0.50 /sqft	352	-	-	-	-	0.931 /sqft	655
	<i>Ceiling - 2x2 Tile</i>			303		352						655
	7 Labor hours											
9660.01	<i>Flooring Resilient Tile</i>											
	Floor Resil Vinyl Tile	100.81 sqft	1.23 /sqft	124	1.25 /sqft	126	-	-	-	-	2.48 /sqft	250
	Floor Resil Base 4"	386.07 lnft	0.87 /lnft	336	0.68 /lnft	263	-	-	-	-	1.55 /lnft	598
	Marmoleum Sheet Flooring	1,038.46 SF	1.39 /SF	1,444	2.40 /SF	2,492	-	-	-	-	3.79 /SF	3,936
	Marmoleum Sheet Flooring	181.67 SF	1.39 /SF	253	2.40 /SF	436	-	-	-	-	3.79 /SF	689
	<i>Flooring Resilient Tile</i>			2,156		3,317						5,473
	51 Labor hours											
9685.00	<i>Flooring Carpet</i>											
	Carpet Commercial 20oz	42.89 sqyd	5.071 /sqyd	218	19.22 /sqyd	824	-	-	-	-	24.291 /sqyd	1,042

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	Flooring Carpet			218		824						1,042
	4 Labor hours											
9910.01	Painting - Exterior											
	Paint Ext Stucco 2 Coats + Primer	2,375.91 sqft	0.61 /sqft	1,436	0.23 /sqft	546	-		-	-	0.84 /sqft	1,983
	Paint Ext Stucco 2 Coats + Primer	270.00 sqft	0.61 /sqft	163	0.23 /sqft	62	-		-	-	0.84 /sqft	225
	Paint Ext Stucco 2 Coats + Primer	304.00 sqft	0.61 /sqft	184	0.23 /sqft	70	-		-	-	0.84 /sqft	254
	Paint Ext Stucco 2 Coats + Primer	640.00 sqft	0.61 /sqft	387	0.23 /sqft	147	-		-	-	0.84 /sqft	534
	Paint Ext Stucco 2 Coats + Primer	315.00 sqft	0.61 /sqft	190	0.23 /sqft	72	-		-	-	0.84 /sqft	263
	Paint Ext Stucco 2 Coat + Primer	500.00 sqft	0.61 /sqft	302	0.23 /sqft	115	-		-	-	0.84 /sqft	417
	Paint Ext Stucco 2 Coat + Primer	761.84 sqft	0.61 /sqft	461	0.23 /sqft	175	-		-	-	0.84 /sqft	636
	Painting - Exterior			3,123		1,188						4,312
	7€ Labor hours											
9920.01	Painting - Interior											
	Paint Int. Gyp. Walls (2) coats	4,387.50 sqft	0.39 /sqft	1,698	0.15 /sqft	644	-		-	-	0.534 /sqft	2,342
	Paint Int. Gyp. Walls (2) coats	2,375.91 sqft	0.39 /sqft	920	0.15 /sqft	348	-		-	-	0.534 /sqft	1,268
	Paint Int. Gyp. Walls (2) coats	124.00 sqft	0.39 /sqft	48	0.15 /sqft	18	-		-	-	0.534 /sqft	66
	Paint Int. Gyp. Walls (2) coats	2,375.91 sqft	0.39 /sqft	920	0.15 /sqft	348	-		-	-	0.534 /sqft	1,268
	Paint Int. Gyp. Walls (2) coats	1,050.00 sqft	0.39 /sqft	408	0.15 /sqft	154	-		-	-	0.54 /sqft	562
	Paint Int. Gyp. Walls (2) coats	1,028.00 sqft	0.39 /sqft	400	0.15 /sqft	151	-		-	-	0.54 /sqft	550
	Paint Int. Gyp. Ceilings (2) coats	833.36 sqft	0.41 /sqft	339	0.15 /sqft	122	-		-	-	0.553 /sqft	461
	Paint Int. Gyp. Ceilings (2) coats	371.46 sqft	0.41 /sqft	152	0.15 /sqft	54	-		-	-	0.56 /sqft	206
	Paint Wd Door & Metal Frame	18.00 each	81.612 /each	1,469	6.75 /each	122	-		-	-	88.362 /each	1,591
	Paint Wd Door & Metal Frame	5.00 each	81.612 /each	408	6.75 /each	34	-		-	-	88.362 /each	442
	Painting - Interior			6,761		1,995						8,756
	166 Labor hours											
	FINISHES			48,935		28,179	0		1,152	0		78,266
	1,220 Labor hours											
	17 Equipment hours											
10000.00	SPECIALTIES											
10000.01	Specialties											
	Louvers	48.00 sqft	15.714 /sqft	754	13.00 /sqft	624	-		-	-	28.714 /sqft	1,378
-	Motorized Projection Screen	1.00 ea	148.70 /ea	149	650.00 /ea	650	-		-	-	798.70 /ea	799
-	Ext. Sun Control	0.00 lf	0.00	0	0.00	0	-		-	-		
-	Lockable Storage Closet	1.00 each	173.90 /each	174	400.00 /each	400	-		-	-	573.90 /each	574
-	Under-counter Ice Machine	1.00 each	86.95 /each	87	600.00 /each	600	-		-	-	686.95 /each	687
	Specialties			1,164		2,274						3,438
	22 Labor hours											
10007.00	Site Furnishings											
	Cast Bench without Back Rest	2.00 each	162.65 /each	325	0.68 /each	1	-		-	-	163.33 /each	327
	Cast Bench with Back Rest	4.00 each	162.65 /each	651	0.68 /each	3	-		-	-	163.33 /each	653
	Site Furnishings			976		4						980
	21 Labor hours											
10165.00	Toilet Part. HDPE											
	Toilet Partitn HDPE Handicap	2.00 each	232.35 /each	465	975.00 /each	1,950	-		-	-	1,207.35 /each	2,415
	Toilet Partitn HDPE Urinal Screen	1.00 each	92.94 /each	93	225.00 /each	225	-		-	-	317.94 /each	318
	Toilet Part. HDPE			558		2,175						2,733
	12 Labor hours											

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
10410.01	<i>Directory/Bulletin Boards</i>											
	Tack Board	1.00 each	95.74 /each	96	85.00 /each	85	-	-	-	-	180.74 /each	181
	Tack Board	1.00 each	95.74 /each	96	85.00 /each	85	-	-	-	-	180.74 /each	181
	Marker Board 4'x12'	1.00 each	191.48 /each	191	736.00 /each	736	-	-	-	-	927.48 /each	927
	Marker Board 4'x12'	1.00 each	191.48 /each	191	736.00 /each	736	-	-	-	-	927.48 /each	927
	<i>Directory/Bulletin Boards</i>			574		1,642						2,216
	12	Labor hours										
10505.90	<i>Lockers</i>											
	Lockers	1.00 each	371.76 /each	372	800.00 /each	800	-	-	-	-	1,171.76 /each	1,172
	Lockers	1.00 each	371.76 /each	372	800.00 /each	800	-	-	-	-	1,171.76 /each	1,172
	Lockers	1.00 each	371.76 /each	372	800.00 /each	800	-	-	-	-	1,171.76 /each	1,172
	<i>Lockers</i>			1,115		2,400						3,515
	24	Labor hours										
10523.00	<i>Fire Extinguishers</i>											
	Fire Ext Dry Chem 5 lb	1.00 each	7.70 /each	8	45.00 /each	45	-	-	-	-	52.70 /each	53
	Fire Ext Dry Chem 5 lb	1.00 each	7.70 /each	8	45.00 /each	45	-	-	-	-	52.70 /each	53
	Fire Ext Cab Steel	1.00 each	46.47 /each	46	90.00 /each	90	-	-	-	-	136.47 /each	136
	Fire Ext Cab Steel	1.00 each	21.70 /each	22	90.00 /each	90	-	-	-	-	111.70 /each	112
	<i>Fire Extinguishers</i>			84		270						354
	2	Labor hours										
10800.01	<i>Misc Toilet/Bath Equip</i>											
	Toilet Tissue Dispensor	2.00 each	23.24 /each	46	28.05 /each	56	-	-	-	-	51.29 /each	103
	Toilet Tissue Dispensor	3.00 each	23.24 /each	70	28.05 /each	84	-	-	-	-	51.29 /each	154
	Toilet Seat Dispensor	2.00 each	15.49 /each	31	28.05 /each	56	-	-	-	-	43.54 /each	87
	Toilet Seat Dispensor	3.00 each	15.49 /each	46	28.05 /each	84	-	-	-	-	43.54 /each	131
	Paper Towel Dispensers	2.00 each	15.49 /each	31	28.05 /each	56	-	-	-	-	43.54 /each	87
	Paper Towel Dispensers	2.00 each	15.49 /each	31	28.05 /each	56	-	-	-	-	43.54 /each	87
	Wall Mounted Bench	1.00 each	69.71 /each	70	121.10 /each	121	-	-	-	-	190.81 /each	191
	Wall Mounted Bench	1.00 each	69.71 /each	70	121.10 /each	121	-	-	-	-	190.81 /each	191
	Soap Dispenser	2.00 each	23.24 /each	46	5.90 /each	12	-	-	-	-	29.14 /each	58
	Soap Dispenser	2.00 each	23.24 /each	46	5.90 /each	12	-	-	-	-	29.14 /each	58
	Mirror	2.00 each	23.24 /each	46	43.00 /each	86	-	-	-	-	66.24 /each	132
	Mirror	2.00 each	23.24 /each	46	43.00 /each	86	-	-	-	-	66.24 /each	132
	Grab Bar	4.00 each	30.98 /each	124	25.00 /each	100	-	-	-	-	55.98 /each	224
	Grab Bar	3.00 each	30.98 /each	93	25.00 /each	75	-	-	-	-	55.98 /each	168
	Changing Tables	0.00 ea	0.00	0	0.00	0	-	-	-	-		
	<i>Misc Toilet/Bath Equip</i>			798		1,006						1,803
	17	Labor hours										
	SPECIALTIES			5,268		9,771	0		0	0		15,039
	111.	Labor hours										
12000.00	FURNISHINGS											
12000.01	<i>Furnishings</i>											
-	Vertical Blinds	216.00 sqft	-	-	-	-	1,836	-	-	-	8.50 /sqft	1,836
	<i>Furnishings</i>						1,836					1,836
12300.00	<i>Manufactured Casework</i>											
	Display Case	0.00 lsum	-	-	-	-	0	-	-	-		
	FURNISHINGS			0		0	1,836		0	0		1,836
15000.00	MECHANICAL											
15300.00	<i>Sprinkler</i>											
	Fire Protection	2,738.00 sqft	-	-	-	-	7,803	-	-	-	2.85 /sqft	7,803

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
15300.00	Sprinkler Fire Protection Sprinkler	1,000.00 sqft	-	-	-	-	2,850	-	-	-	2.85 /sqft	2,850
							10,653					10,653
15400.00	Plumbing											
-	Water Closet	2.00 ea	222.80 /ea	446	750.00 /ea	1,500	-	-	-	-	972.80 /ea	1,946
-	Urinal	1.00 ea	334.20 /ea	334	550.00 /ea	550	-	-	-	-	884.20 /ea	884
-	Lavi	2.00 ea	167.10 /ea	334	250.00 /ea	500	-	-	-	-	417.10 /ea	834
-	H.W. Heater	1.00 ea	668.40 /ea	668	1,600.00 /ea	1,600	-	-	-	-	2,268.40 /ea	2,268
-	Shower 1 HDPCP	1.00 ea	769.44 /ea	769	1,200.00 /ea	1,200	-	-	-	-	1,969.44 /ea	1,969
-	4" CI No Hub Pipe	160.00 lf	16.10 /lf	2,576	12.50 /lf	2,000	-	-	-	-	28.60 /lf	4,576
-	2" CI No Hub Pipe	60.00 lf	24.05 /lf	1,443	8.25 /lf	495	-	-	-	-	32.30 /lf	1,938
-	2" Copper Pipe	150.00 lf	24.05 /lf	3,607	9.75 /lf	1,463	-	-	-	-	33.80 /lf	5,069
-	3/4" Copper Pipe	40.00 lf	6.963 /lf	279	4.50 /lf	180	-	-	-	-	11.463 /lf	459
-	1-1/2" Copper Pipe	35.00 lf	19.24 /lf	673	10.25 /lf	359	-	-	-	-	29.49 /lf	1,032
-	1" Copper Pipe - Insulated	80.00 lf	15.39 /lf	1,231	12.90 /lf	1,032	-	-	-	-	28.29 /lf	2,263
-	Floor Drain	3.00 ea	111.40 /ea	334	125.00 /ea	375	-	-	-	-	236.40 /ea	709
-	Testing	1.00 ls	278.50 /ls	279	0.00	0	-	-	-	-	278.50 /ls	279
-	Clean-up	1.00 ls	3,077.76 /ls	3,078			-	-	-	-	3,077.76 /ls	3,078
-	Water Closet Rough-in	2.00 ea	577.080 /ea	1,154	135.00 /ea	270	-	-	-	-	712.08 /ea	1,424
-	Lavi Rough-in	2.00 ea	673.26 /ea	1,347	110.00 /ea	220	-	-	-	-	783.26 /ea	1,567
-	Urinal Rough-in	1.00 ea	769.44 /ea	769	150.00 /ea	150	-	-	-	-	919.44 /ea	919
-	Lavi SS	2.00 ea	139.25 /ea	279	775.00 /ea	1,550	-	-	-	-	914.25 /ea	1,829
-	Lavi SS Rough-in	2.00 ea	1,538.88 /ea	3,078	220.00 /ea	440	-	-	-	-	1,758.88 /ea	3,518
-	Water Closet S/S	1.00 ea	167.10 /ea	167	1,575.00 /ea	1,575	-	-	-	-	1,742.10 /ea	1,742
-	Water Closet S/S Rough-in	1.00 ea	1,346.52 /ea	1,347	170.00 /ea	170	-	-	-	-	1,516.52 /ea	1,517
-	Sk-1 Sink Rough-in	1.00 ea	769.44 /ea	769	125.00 /ea	125	-	-	-	-	894.44 /ea	894
-	Sk-2 Sink Rough-in	1.00 ea	769.44 /ea	769	125.00 /ea	125	-	-	-	-	894.44 /ea	894
-	Hose Bibbs	3.00 each	96.18 /each	289	175.00 /each	525	-	-	-	-	271.18 /each	814
-	Clean-outs	3.00 each	192.36 /each	577	110.00 /each	330	-	-	-	-	302.36 /each	907
-	Shower 2	1.00 ea	445.60 /ea	446	1,050.00 /ea	1,050	-	-	-	-	1,495.60 /ea	1,496
-	Showers Rough-in	2.00 ea	769.44 /ea	1,539	125.00 /ea	250	-	-	-	-	894.44 /ea	1,789
-	Water Closet	2.00 ea	167.10 /ea	334	1,575.00 /ea	3,150	-	-	-	-	1,742.10 /ea	3,484
-	Urinal	1.00 ea	222.80 /ea	223	1,650.00 /ea	1,650	-	-	-	-	1,872.80 /ea	1,873
-	Lavi	1.00 ea	139.25 /ea	139	775.00 /ea	775	-	-	-	-	914.25 /ea	914
-	Instant Water Heater	1.00 ea	445.60 /ea	446	1,100.00 /ea	1,100	-	-	-	-	1,545.60 /ea	1,546
-	4" CI No Hub Pipe	55.00 lf	16.10 /lf	885	12.50 /lf	688	-	-	-	-	28.60 /lf	1,573
-	2" CW Copper Pipe	45.00 lf	15.04 /lf	677	9.75 /lf	439	-	-	-	-	24.79 /lf	1,116
-	Rough-in for Water Closet	2.00 each	1,346.52 /each	2,693	170.00 /each	340	-	-	-	-	1,516.52 /each	3,033
-	Rough-in for Lavi	1.00 each	1,538.88 /each	1,539	220.00 /each	220	-	-	-	-	1,758.88 /each	1,759
-	Rough-in for Urinal	1.00 each	1,057.98 /each	1,058	140.00 /each	140	-	-	-	-	1,197.98 /each	1,198
-	SK-1 Sink Rough-in	1.00 each	769.44 /each	769	125.00 /each	125	-	-	-	-	894.44 /each	894
-	Drink'g Fountain	1.00 each	167.10 /each	167	825.00 /each	825	-	-	-	-	992.10 /each	992
-	Rough-in D.F.	1.00 each	384.72 /each	385	75.00 /each	75	-	-	-	-	459.72 /each	460
-	Hose Bibb	1.00 each	55.70 /each	56	175.00 /each	175	-	-	-	-	230.70 /each	231
-	Clean-out	3.00 each	111.40 /each	334	110.00 /each	330	-	-	-	-	221.40 /each	664
-	Floor Drain	2.00 each	192.36 /each	385	125.00 /each	250	-	-	-	-	317.36 /each	635
-	Testing	1.00 ls	186.00 /ls	186			-	-	-	-	186.00 /ls	186
-	Clean-up	1.00 ls	1,538.88 /ls	1,539			-	-	-	-	1,538.88 /ls	1,539
	Plumbing			40,394		28,315						68,708
	80¢ Labor hours											
15500.00	HVAC Systems											
-	Heat Pump 1590 CFM	1.00 ea	2,614.64 /ea	2,615	4,250.00 /ea	4,250	-	-	-	-	6,864.64 /ea	6,865
-	SAD Diffusers	14.00 ea	70.04 /ea	980	110.00 /ea	1,540	-	-	-	-	180.04 /ea	2,520
-	RAG Grilles	10.00 ea	46.69 /ea	467	90.00 /ea	900	-	-	-	-	136.69 /ea	1,367
-	Exh Fan Inline 520 CFM	1.00 ea	747.04 /ea	747	850.00 /ea	850	-	-	-	-	1,597.04 /ea	1,597
-	Ductwork	3,320.00 lbs	8.124 /lbs	26,972	0.90 /lbs	2,988	-	-	-	-	9.024 /lbs	29,960
-	Duct Insulation	1,428.00 sf	5.14 /sf	7,334	0.75 /sf	1,071	-	-	-	-	5.89 /sf	8,405
-	Refrig. Lines Copper	210.00 lf	7.47 /lf	1,569	6.50 /lf	1,365	-	-	-	-	13.97 /lf	2,934
-	Temp. Controls	1.00 ls	-	-	-	-	3,500	-	-	-	3,500.00 /ls	3,500
-	Air Balance	1.00 ls	933.80 /ls	934			-	-	-	-	933.80 /ls	934

* Information Only

Standard Estimate Report
Phase I 50% CD 12-18-02

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
15500.00	<i>HVAC Systems</i>											
-	Clean-up	1.00 ls	2,241.12 /ls	2,241				-	-	-	2,241.12 /ls	2,241
-	Heat Pump 1290 CFM	1.00 ea	2,054.36 /ea	2,054	3,550.00 /ea	3,550		-	-	-	5,604.36 /ea	5,604
-	Heat Pump 650 CFM	1.00 ea	1,494.08 /ea	1,494	2,400.00 /ea	2,400		-	-	-	3,894.08 /ea	3,894
-	Air Balance	1.00 ls	140.07 /ls	140				-	-	-	140.07 /ls	140
-	Clean-up	1.00 ls	373.52 /ls	374				-	-	-	373.52 /ls	374
-	Exh Fan Inline 520 CFM	1.00 ea	747.04 /ea	747	850.00 /ea	850		-	-	-	1,597.04 /ea	1,597
-	SAD Diffusers	4.00 ea	70.04 /ea	280	440.00 /ea	1,760		-	-	-	510.04 /ea	2,040
-	RAG Grilles	3.00 ea	46.69 /ea	140	270.00 /ea	810		-	-	-	316.69 /ea	950
-	Elec. Wall Heater	2.00 ea	280.14 /ea	560	500.00 /ea	1,000		-	-	-	780.14 /ea	1,560
-	Ductwork	465.00 lbs	8.124 /lbs	3,778	0.90 /lbs	419		-	-	-	9.024 /lbs	4,196
-	Duct Insulation	190.00 sqft	5.14 /sqft	976	0.75 /sqft	143		-	-	-	5.89 /sqft	1,118
-	Refrig. Lines Copper	55.00 lnft	6.54 /lnft	360	4.50 /lnft	248		-	-	-	11.04 /lnft	607
-	Temp. Controls	1.00 ls						-	-	-		
	<i>HVAC Systems</i>			54,761		24,143	3,500			1,500	1,500.00 /ls	1,500
	1,172 Labor hours											83,904
	MECHANICAL			95,155		52,457	14,153		0	1,500		163,265
	1,982 Labor hours											
16000.00	ELECTRICAL											
16013.00	<i>Elec.- Power Distrib</i>											
-	225amps 42 ckt Panel MLO 120/208V 3 Ph 4-wire	1.00 ea	3,414.96 /ea	3,415	510.66 /ea	511		-	-	-	3,925.62 /ea	3,926
-	3" Power Feeder Emt Conduit Figs & supports	40.00 lf	10.044 /lf	402	15.00 /lf	600		-	-	-	25.044 /lf	1,002
-	3/4" Panel ground Emt Conduit Figs & Supports	40.00 lf	2.411 /lf	96	0.71 /lf	28		-	-	-	3.121 /lf	125
-	#250 600V Copper Type Thhn, Stranded	2.00 Clf	321.410 /Clf	643	343.00 /Clf	686		-	-	-	664.41 /Clf	1,329
-	#2 600V Copper type Thhn, stranded	0.50 Clf	150.66 /Clf	75	96.00 /Clf	48		-	-	-	246.66 /Clf	123
-	#4 600V Copper type Thhn, stranded	0.40 Clf	105.45 /Clf	42	75.00 /Clf	30		-	-	-	180.45 /Clf	72
-	600amps 24 ckt Panel MLO 120/208V 3 Ph 4-wire 10K	1.00 ea	4,620.24 /ea	4,620	1,104.00 /ea	1,104		-	-	-	5,724.24 /ea	5,724
-	225 KVA Xmfr N1 480-208/12v 3ph 4w 150 deg	1.00 each	2,008.80 /each	2,009	3,828.56 /each	3,829		-	-	-	5,837.36 /each	5,837
-	2" Power Feeder Emt conduit Figs & Supports	20.00 lf	7.533 /lf	151	3.20 /lf	64		-	-	-	10.733 /lf	215
-	3" Power Feeder Emt Conduit Figs & Supports	100.00 lnft	9.642 /lnft	964	8.10 /lnft	810		-	-	-	17.742 /lnft	1,774
-	#8 600V Copper Type Thhn, stranded	0.25 Clf	80.36 /Clf	20	30.00 /Clf	8		-	-	-	110.36 /Clf	28
-	#4 600V Copper Type Thhn, stranded	2.00 Clf	105.46 /Clf	211	75.00 /Clf	150		-	-	-	180.46 /Clf	361
-	#1 600V Copper Type Thhn, stranded	1.00 Clf	168.74 /Clf	169	120.00 /Clf	120		-	-	-	288.74 /Clf	289
-	#250 600V Copper Type Thhn, stranded	4.00 Clf	321.41 /Clf	1,286	343.00 /Clf	1,372		-	-	-	664.41 /Clf	2,658
-	#350 600V Copper Type Thhn, stranded	2.00 Clf	381.67 /Clf	763	380.00 /Clf	760		-	-	-	761.67 /Clf	1,523
	<i>Elec.- Power Distrib</i>			14,866		10,119						24,985
	29€ Labor hours											
16250.00	<i>Power System</i>											
-	20A Duplex Receptacle Assembly at wall	30.00 ea	34.15 /ea	1,024	12.83 /ea	385		-	-	-	46.98 /ea	1,409
-	20A Duplex Receptacle GFI	3.00 ea	42.69 /ea	128	18.65 /ea	56		-	-	-	61.34 /ea	184
-	Power Junction Box	10.00 ea	32.643 /ea	326	4.90 /ea	49		-	-	-	37.543 /ea	375

* Information Only

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
16250.00	<i>Power System</i>											
-	1/2" Equipment/Receptacle Branch Emt Conduit Ftgs	1,300.00 lf	2.26 /lf	2,938	0.55 /lf	715	-	-	-	-	2.81 /lf	3,653
-	#12 600V Copper type Thhn, stranded	52.00 Clf	30.132 /Clf	1,567	11.66 /Clf	606	-	-	-	-	41.792 /Clf	2,173
-	connect Water Heater 240v	1.00 ea	50.22 /ea	50	20.00 /ea	20	-	-	-	-	70.22 /ea	70
-	Connect Mechanical unit 120v	3.00 ea	42.69 /ea	128	15.00 /ea	45	-	-	-	-	57.69 /ea	173
-	Connect Mechanical unit 208v	2.00 ea	125.55 /ea	251	25.00 /ea	50	-	-	-	-	150.550 /ea	301
-	connect T-Stat	2.00 ea	25.11 /ea	50	6.20 /ea	12	-	-	-	-	31.31 /ea	63
-	Manual Starter Nema 1 Enclosure	3.00 ea	80.353 /ea	241	27.96 /ea	84	-	-	-	-	108.313 /ea	325
-	20 Amps Nema-3R Disc. Switch 2-Pole 3-W with Fuse	2.00 ea	150.66 /ea	301	165.00 /ea	330	-	-	-	-	315.660 /ea	631
-	30 Amps Nema-1 disc. Switch 2-Pole 3-W With fuse	1.00 ea	65.29 /ea	65	82.50 /ea	83	-	-	-	-	147.79 /ea	148
-	1/2" Equipment/Recetacle Branch Emt Conduit Ftgs & conduit	150.00 lf	2.26 /lf	339	0.55 /lf	83	-	-	-	-	2.81 /lf	421
-	3/4" Equipment/Receptacle Branch Emt Conduit Ftgs & Conduit	200.00 lf	4.821 /lf	964	0.70 /lf	140	-	-	-	-	5.521 /lf	1,104
-	#12 600V Copper Type Thhn, stranded	6.50 Clf	60.27 /Clf	392	11.66 /Clf	76	-	-	-	-	71.93 /Clf	468
-	#10 600V Copper Type Thhn, stranded	3.00 Clf	70.31 /Clf	211	15.00 /Clf	45	-	-	-	-	85.31 /Clf	256
-	#8 600V Copper Type Thhn, stranded	6.00 Clf	80.352 /Clf	482	34.00 /Clf	204	-	-	-	-	114.352 /Clf	686
	<i>Power System</i>			<u>9,459</u>		<u>2,982</u>						<u>12,441</u>
	18€ Labor hours											
16400.00	<i>Power Distribution</i>											
-	20A Duplex Receptacle Assembly at wall	8.00 ea	34.15 /ea	273	12.83 /ea	103	-	-	-	-	46.98 /ea	376
-	20A Duplex receptacle GFI	2.00 ea	42.69 /ea	85	18.65 /ea	37	-	-	-	-	61.34 /ea	123
-	Power Junction Box	6.00 ea	32.643 /ea	196	4.90 /ea	29	-	-	-	-	37.543 /ea	225
-	3/4" Equipment/Receptacle Branch Emt Conduit Ftgs	300.00 lf	4.821 /lf	1,446	0.70 /lf	210	-	-	-	-	5.521 /lf	1,656
-	#12 600V Copper type Thhn, stranded	9.00 Clf	60.264 /Clf	542	11.66 /Clf	105	-	-	-	-	71.924 /Clf	647
-	Connect Mechanical unit 120v	2.00 ea	42.69 /ea	85	15.00 /ea	30	-	-	-	-	57.69 /ea	115
-	Manual Starter Nema 1 Enclosure	2.00 ea	40.18 /ea	80	27.96 /ea	56	-	-	-	-	68.14 /ea	136
-	3/4" Equipment/Receptacle Branch Emt Conduit Ftgs	300.00 lf	4.821 /lf	1,446	0.70 /lf	210	-	-	-	-	5.521 /lf	1,656
-	#10 600V Copper type Thh, stranded	4.50 Clf	70.31 /Clf	316	15.00 /Clf	68	-	-	-	-	85.31 /Clf	384
-	20A Duplex Receptacle GFI WP	1.00 each	50.22 /each	50	29.00 /each	29	-	-	-	-	79.22 /each	79
-	Connect Mechanical unit 208v	1.00 each	62.78 /each	63	25.00 /each	25	-	-	-	-	87.78 /each	88
-	30 Amps Nema-3R Disc. Switch 2-Pole 3-W With Fuse	1.00 each	75.33 /each	75	165.00 /each	165	-	-	-	-	240.33 /each	240
-	Connect T-Stat	1.00 each	25.11 /each	25	6.20 /each	6	-	-	-	-	31.31 /each	31
-	3/4" Equipment/Receptacle Branch Emt Conduit Ftgs	250.00 lnft	4.821 /lnft	1,205	0.70 /lnft	175	-	-	-	-	5.521 /lnft	1,380
-	#12 600V Copper type Thh, stranded	4.00 Clf	60.27 /Clf	241	11.66 /Clf	47	-	-	-	-	71.93 /Clf	288
	<i>Power Distribution</i>			<u>6,131</u>		<u>1,295</u>						<u>7,426</u>
	122 Labor hours											
16500.00	<i>Lighting</i>											
-	Fluorescent roffer 2'x4' 3 lamp Office/Conf.	20.00 ea	100.44 /ea	2,009	100.00 /ea	2,000	-	-	-	-	200.44 /ea	4,009
-	Fluorescent troffer 2'x4' 2 lamp Corridor	3.00 ea	118.163 /ea	354	80.00 /ea	240	-	-	-	-	198.163 /ea	594
-	Fluorescent wraparound RR/Shower/Locker/Storage	10.00 ea	85.374 /ea	854	90.00 /ea	900	-	-	-	-	175.374 /ea	1,754

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
16500.00	<i>Lighting</i>											
-	Exterior wallpack w/PE cell	6.00 ea	120.53 /ea	723	113.12 /ea	679	-	-	-	-	233.65 /ea	1,402
-	EM Emergencylight set	2.00 ea	100.44 /ea	201	82.80 /ea	166	-	-	-	-	183.24 /ea	366
-	X Exit Sigh	4.00 ea	85.38 /ea	342	141.90 /ea	568	-	-	-	-	227.28 /ea	909
-	Single Gang Wall Light Switch Assembly	10.00 ea	27.621 /ea	276	10.64 /ea	106	-	-	-	-	38.261 /ea	383
-	Double Gang Wall Light Switch Assembly	7.00 ea	40.18 /ea	281	16.85 /ea	118	-	-	-	-	57.03 /ea	399
-	Lighting Circuits Outlet Box	45.00 ea	10.044 /ea	452	2.00 /ea	90	-	-	-	-	12.044 /ea	542
-	1/2" EMT Conduit Fittings & Supports	900.00 lf	4.52 /lf	4,068	0.55 /lf	495	-	-	-	-	5.07 /lf	4,563
-	3/4" EMT Conduit Fittings & Supports	100.00 lf	4.821 /lf	482	0.70 /lf	70	-	-	-	-	5.521 /lf	552
-	#12 600V Copper Type Thhn, stranded	40.00 Clf	60.264 /Clf	2,411	10.20 /Clf	408	-	-	-	-	70.464 /Clf	2,819
-	Wraparound Fluorescent	10.00 ea	85.374 /ea	854	90.00 /ea	900	-	-	-	-	175.374 /ea	1,754
-	Exterior wallpack w/PE cell	3.00 ea	120.53 /ea	362	113.12 /ea	339	-	-	-	-	233.65 /ea	701
-	Single Gang Wall Light Switch Assembly	5.00 ea	27.622 /ea	138	10.64 /ea	53	-	-	-	-	38.262 /ea	191
-	Doulbe Gang Wall Light Switch Assembly	1.00 ea	40.18 /ea	40	16.85 /ea	17	-	-	-	-	57.03 /ea	57
-	Lighting Circuits Outlet Box	40.00 ea	10.044 /ea	402	2.00 /ea	80	-	-	-	-	12.044 /ea	482
-	3/4" EMT conduit Fittings & Supports	800.00 lf	4.821 /lf	3,857	0.70 /lf	560	-	-	-	-	5.521 /lf	4,417
-	#12 600V Copper Type Thhn, stranded	32.00 Clf	60.264 /Clf	1,928	10.20 /Clf	326	-	-	-	-	70.464 /Clf	2,255
-	Compact Fluorescent	2.00 each	50.22 /each	100	98.00 /each	196	-	-	-	-	148.22 /each	296
	<i>Lighting</i>			20,134		8,311						28,445
	40C Labor hours											
16720.00	<i>Fire Alarm System</i>											
-	Fire Alarm Control Panel	1.00 ea	602.64 /ea	603	800.00 /ea	800	-	-	-	-	1,402.64 /ea	1,403
-	2-Wire Photoelec Smoke Det.Addressable W/Base	13.00 ea	129.57 /ea	1,684	90.00 /ea	1,170	-	-	-	-	219.57 /ea	2,854
-	Pullstation w/mtg. Plate	2.00 ea	100.44 /ea	201	68.00 /ea	136	-	-	-	-	168.44 /ea	337
-	Sounder/Strobe Combo w/Mtg. Plate	3.00 ea	150.66 /ea	452	96.00 /ea	288	-	-	-	-	246.66 /ea	740
-	Strobe Light W/Mtg Plate	4.00 ea	100.44 /ea	402	53.00 /ea	212	-	-	-	-	153.44 /ea	614
-	3/4" Data Emt Conduit Ftgs & supports	700.00 lf	2.411 /lf	1,687	0.71 /lf	497	-	-	-	-	3.121 /lf	2,184
-	2-#12 Solid Thhn Copper	14.00 Clf	60.264 /Clf	844	19.94 /Clf	279	-	-	-	-	80.204 /Clf	1,123
-	Dual Sync. Module	1.00 ea	62.78 /ea	63	360.00 /ea	360	-	-	-	-	422.78 /ea	423
-	Addressible relay module	1.00 ea	56.25 /ea	56	259.00 /ea	259	-	-	-	-	315.25 /ea	315
-	2-Wire Hat Detector	2.00 ea	64.79 /ea	130	90.00 /ea	180	-	-	-	-	154.79 /ea	310
-	Pullstation w/mtg. Plate	1.00 ea	50.22 /ea	50	68.00 /ea	68	-	-	-	-	118.22 /ea	118
-	Sounder/Strobe Combo W.Mtg. Plate	1.00 ea	75.33 /ea	75	96.00 /ea	96	-	-	-	-	171.33 /ea	171
-	2-Wire Photoelec Smoke Det. Addressable W/Base	2.00 ea	64.79 /ea	130	90.00 /ea	180	-	-	-	-	154.79 /ea	310
-	3/4" Data Emt Conduit Ftgs & Supports	240.00 lf	2.411 /lf	579	0.71 /lf	170	-	-	-	-	3.121 /lf	749
-	2-#12 Solid Thhn Copper	6.00 Clf	30.132 /Clf	181	19.94 /Clf	120	-	-	-	-	50.072 /Clf	300
-	Strobe Light W/Mtg Plate	2.00 ea	50.22 /ea	100	53.00 /ea	106	-	-	-	-	103.22 /ea	206
	<i>Fire Alarm System</i>			7,236		4,921						12,157
	144 Labor hours											
16750.00	<i>Telephone/Data System</i>											
-	Telephone cabinet 24"x24"x8" w/backboard	1.00 ea	251.10 /ea	251	218.67 /ea	219	-	-	-	-	469.77 /ea	470
-	telephone outlet wall mtd.	8.00 ea	60.264 /ea	482	6.50 /ea	52	-	-	-	-	66.764 /ea	534
-	3/4" Data Emt conduit Ftgs & Supports	100.00 lf	4.821 /lf	482	0.71 /lf	71	-	-	-	-	5.531 /lf	553

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
16750.00	<i>Telephone/Data System</i>											
-	1" Emt conduit Ftgs & Supports	10.00 lf	5.323 /lf	53	5.00 /lf	50	-	-	-	-	10.323 /lf	103
-	Pull Line	1.50 Clf	70.31 /Clf	105	8.00 /Clf	12	-	-	-	-	78.31 /Clf	117
-	Telephone cabinet 12"x12"x8" w/backboard	1.00 ea	75.33 /ea	75	112.00 /ea	112	-	-	-	-	187.33 /ea	187
-	Telephoen outlet wall mtd.	2.00 ea	30.13 /ea	60	6.50 /ea	13	-	-	-	-	36.63 /ea	73
-	3/4" Data Emt Conduit Ftgs & Supports	40.00 lf	4.821 /lf	193	0.71 /lf	28	-	-	-	-	5.531 /lf	221
-	1" Emt Conduit Ftgs & Supports	10.00 lf	5.323 /lf	53	0.90 /lf	9	-	-	3	-	6.49 /lf	65
-	Pull line	0.50 Clf	87.38 /Clf	44	8.00 /Clf	4	-	-	-	-	95.38 /Clf	48
	<i>Telephone/Data System</i>			1,799		570			3			2,372
	3E Labor hours											
	C Equipment hours											
ELECTRICAL				59,626		28,198	0		3	0		87,827
	1,187 Labor hours											
	C Equipment hours											
A Administration/Public Information Bldg				282,052		205,702	26,294		4,117	1,500		519,665
	6,082 Labor hours											
	93. Equipment hours											
B Committal Service Shelter												
2100.00 SITEWORK												
2144.10	<i>Dewater - Gravel at Slabs</i>											
	Gravel At Slab	7.51 cuyd	14.261 /cuyd	107	15.592 /cuyd	117	-	-	28	-	33.603 /cuyd	252
	<i>Dewater - Gravel at Slabs</i>			107		117			28			252
	2. Labor hours											
	C Equipment hours											
2144.20	<i>Dewater - Slab Sand Fill</i>											
	Sand Fill @ Slab	3.753 cuyd	14.261 /cuyd	54	17.75 /cuyd	67	-	-	14	-	35.76 /cuyd	134
	<i>Dewater - Slab Sand Fill</i>			54		67			14			134
	1. Labor hours											
	0. Equipment hours											
2220.45	<i>Excav - Fine Grade</i>											
	Fine Grade	6.081 sqs	17.292 /sqs	105	-	-	-	-	39	-	23.72 /sqs	144
	Fine Grade	1.131 sqs	17.294 /sqs	20	-	-	-	-	7	-	23.722 /sqs	27
	<i>Excav - Fine Grade</i>			125					46			171
	3. Labor hours											
	1. Equipment hours											
SITEWORK				285		184	0		89	0		558
	6. Labor hours											
	1. Equipment hours											
3000.00 CONCRETE												
3110.01	<i>Forms - Pile Caps</i>											
	Pile Cap Forms - Patent System	56.50 sqft	1.28 /sqft	72	1.60 /sqft	90	-	-	-	-	2.872 /sqft	162
	<i>Forms - Pile Caps</i>			72		90						162
	1. Labor hours											
3127.00	<i>Forms - Edgeform Slabs</i>											
	EdgeForm 2x6 Random Length	32.51 lnft	1.60 /lnft	52	0.762 /lnft	25	-	-	-	-	2.36 /lnft	77
	EdgeForm 2x8 Random Length	73.41 lnft	1.60 /lnft	117	0.824 /lnft	60	-	-	-	-	2.42 /lnft	178

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	Forms - Edgeform Slabs			169		85						254
	3. Labor hours											
3159.00	Forms - Strip & Oil											
	Strip/Oil Forms-EdgeForms	54.52 sqft	0.10 /sqft	5	0.031 /sqft	2	-		-	-	0.13 /sqft	7
	Strip/Oil Forms-All other	56.50 sqft	0.10 /sqft	5	0.031 /sqft	2	-		-	-	0.13 /sqft	7
	Forms - Strip & Oil			11		3						14
	C Labor hours											
3160.01	Forms - Screeds											
	Screeds	6.081 sqs	7.75 /sqs	47	2.061 /sqs	13	-		-	-	9.81 /sqs	60
	Screeds	1.131 sqs	7.75 /sqs	9	2.06 /sqs	2	-		-	-	9.81 /sqs	11
	Forms - Screeds			56		15						71
	1. Labor hours											
3206.00	Rebar - Footings											
	Footing Rebar #4 Grade 40	192.00 lnft	0.19 /lnft	36	0.21 /lnft	40	-		-	-	0.394 /lnft	76
	Rebar - Footings			36		40						76
	C Labor hours											
3207.00	Rebar - Dowel At Footing											
	No. 5x5' Long at Footing	64.00 each	3.10 /each	198	0.36 /each	23	-		-	-	3.46 /each	221
	Rebar - Dowel At Footing			198		23						221
	4 Labor hours											
3209.00	Rebar -											
	Wall Rebar #5 Grade 40	360.00 lnft	0.24 /lnft	86	0.32 /lnft	114	-		-	-	0.56 /lnft	200
	Rebar -			86		114						200
	1 Labor hours											
3214.10	Rebar - Slab On Grade											
	S.O.G. Rebar #3 Grade 40	655.54 lnft	0.12 /lnft	77	0.12 /lnft	76	-		-	-	0.233 /lnft	153
	Rebar - Slab On Grade			77		76						153
	1. Labor hours											
3219.00	Rebar - All Types											
	Rebar #4 Grade 60	88.00 lnft	0.21 /lnft	18	0.22 /lnft	19	-		-	-	0.43 /lnft	37
	Rebar - All Types			18		19						37
	C Labor hours											
3219.10	Rebar - Dowels											
	No. 6x5' Long Dowel	24.00 each	3.10 /each	74	0.36 /each	9	-		-	-	3.46 /each	83
	Rebar - Dowels			74		9						83
	1 Labor hours											
3305.00	Conc - Pile Caps											
	c Footing Lean-Mix Concrete	2.25 cuyd	16.08 /cuyd	36	66.964 /cuyd	151	-		-	-	83.04 /cuyd	187
	c Pile Cap Conc 3000 psi	2.79 cuyd	16.08 /cuyd	45	66.96 /cuyd	187	-		-	-	83.04 /cuyd	232
	c Footing Lean-Mix Conc.	0.89 cuyd	16.074 /cuyd	14	66.974 /cuyd	60	-		-	-	83.05 /cuyd	74
	Conc - Pile Caps			95		397						492
	2. Labor hours											
3310.01	Conc - Slabs On Grade											
	c S.O.G. Conc 3000 psi	7.51 cuyd	32.003 /cuyd	240	66.95 /cuyd	503	-		71	-	108.452 /cuyd	814
	c S.O.G. Conc 3000 psi	6.981 cuyd	32.004 /cuyd	223	66.95 /cuyd	467	-		66	-	108.45 /cuyd	757
	Conc - Slabs On Grade			464		970			138			1,571
	11. Labor hours											
	1 Equipment hours											
3375.00	Finish - Protect & Cure											
	CS 309 Curing Compound	6.081 sqft	0.04 /sqft	0	0.031 /sqft	0	-		-	-	0.07 /sqft	0

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
3375.00	<i>Finish - Protect & Cure</i>											
	CS 309 Curing Compound	1.131 sqft	0.04 /sqft	0	0.03 /sqft	0	-	-	-	-	0.062 /sqft	0
	<i>Finish - Protect & Cure</i>			0		0						0
	C Labor hours											
3380.01	<i>Finish - General</i>											
	Trowel Finish (Machine)	608.06 sqft	0.37 /sqft	223	0.021 /sqft	13	-	51	-	-	0.47 /sqft	286
	Trowel Finish (Machine)	113.09 sqft	0.37 /sqft	41	0.021 /sqft	2	-	9	-	-	0.47 /sqft	53
	<i>Finish - General</i>			264		15		60				339
	€ Labor hours											
	€ Equipment hours											
3610.01	<i>Grout</i>											
	Grout CC06 Base PI Nonmetal 1" (sf)	1.50 sqft	70.77 /sqft	106	1.753 /sqft	3	-	25	-	-	89.19 /sqft	134
	<i>Grout</i>			106		3		25				134
	3 Labor hours											
	1 Equipment hours											
	CONCRETE			1,727		1,858	0	223	0			3,808
	40 Labor hours											
	€ Equipment hours											
4000.00	MASONRY											
4105.00	<i>Mortar - All Types</i>											
	Mortar Type "N"	1.60 cuyd	53.014 /cuyd	85	93.56 /cuyd	150	-	-	-	-	146.573 /cuyd	234
	Mortar Type "N"	0.64 cuyd	53.02 /cuyd	34	93.563 /cuyd	60	-	-	-	-	146.58 /cuyd	94
	Sand At Mortar	1.60 cuyd	40.15 /cuyd	64	14.11 /cuyd	23	-	6	-	-	58.261 /cuyd	93
	Sand At Mortar	0.64 cuyd	40.16 /cuyd	26	14.11 /cuyd	9	-	3	-	-	58.27 /cuyd	37
	<i>Mortar - All Types</i>			209		241		9				459
	5 Labor hours											
	C Equipment hours											
4160.00	<i>Masonry Reinforcing Walls</i>											
	Wall Rebar #3 Grade 40	501.00 lnft	0.09 /lnft	45	0.12 /lnft	58	-	-	-	-	0.21 /lnft	103
	Wall Rebar #5 Grade 40	1,166.50 lnft	0.25 /lnft	291	0.32 /lnft	369	-	-	-	-	0.57 /lnft	660
	<i>Masonry Reinforcing Walls</i>			336		426						763
	7 Labor hours											
4221.15	<i>Conc. Block - 8"</i>											
	h Blk 8" Standard Face Lt Wt	777.00 each	4.461 /each	3,466	2.572 /each	1,999	-	-	-	-	7.033 /each	5,465
	h Blk 8" Standard Face Lt Wt	300.00 each	4.461 /each	1,338	2.573 /each	772	-	-	-	-	7.033 /each	2,110
	<i>Conc. Block - 8"</i>			4,804		2,771						7,575
	11€ Labor hours											
4221.45	<i>Conc. Block - 8" Lintel</i>											
	h Lintel 8" Stand Face Lt Wt	34.00 each	5.02 /each	171	2.73 /each	93	-	-	-	-	7.75 /each	263
	h Lintel 8" Stand Face Lt Wt	30.00 each	5.02 /each	151	2.73 /each	82	-	-	-	-	7.75 /each	232
	<i>Conc. Block - 8" Lintel</i>			321		175						496
	€ Labor hours											
4419.00	<i>Stone Veneer</i>											
	Cement Plaster	828.63 sqft	1.99 /sqft	1,647	0.59 /sqft	487	-	5	-	-	2.581 /sqft	2,139
	<i>Stone Veneer</i>			1,647		487		5				2,139
	45 Labor hours											
	€ Equipment hours											
4731.50	<i>Grout Fill Concrete</i>											
	c Grout Fill 3000 psi,1/2" Gravl	8.06 cuyd	197.562 /cuyd	1,592	94.50 /cuyd	762	-	190	-	-	315.592 /cuyd	2,544
	c Grout Fill 3000 psi,1/2" Gravl	3.27 cuyd	197.561 /cuyd	646	94.49 /cuyd	309	-	77	-	-	315.58 /cuyd	1,031

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			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	<i>Grout Fill Concrete</i>			2,238		1,070			267			3,575
	53 Labor hours											
	13 Equipment hours											
MASONRY				9,556		5,171	0		280	0		15,006
	23E Labor hours											
	23 Equipment hours											
5000.00 METALS												
5055.00	<i>Fastner - Col Anchor Bolt</i>											
	Anchor Bolt 1/2" x 12"	28.00 each	2.324 /each	65	2.45 /each	69	-		-	-	4.774 /each	134
	Anchor Bolt 1/2" x 12"	24.00 each	2.323 /each	56	2.45 /each	59	-		-	-	4.773 /each	115
	<i>Fastner - Col Anchor Bolt</i>			121		127						248
	2 Labor hours											
METALS				121		127	0		0	0		248
	2 Labor hours											
6000.00 WOOD & PLASTICS												
6005.00	<i>Rough Carpentry - Roof</i>											
-	Roof Trusses	484.80 sf	0.72 /sf	349	1.54 /sf	747	-		19	-	2.30 /sf	1,115
	<i>Rough Carpentry - Roof</i>			349		747			19			1,115
	7 Labor hours											
	2 Equipment hours											
6054.00	<i>Fasteners - Nails</i>											
c	Nails - 16d common	1.00 keg	-	-	52.00 /keg	52	-		-	-	52.00 /keg	52
c	Nails - 16d common	0.25 keg	-	-	52.00 /keg	13	-		-	-	52.00 /keg	13
s	Sheetrock Nails 1-3/4 x 10 ga.	1.01 lbs	-	-	5.20 /lbs	5	-		-	-	5.20 /lbs	5
	<i>Fasteners - Nails</i>					70						70
6101.10	<i>Framing - Plates PT</i>											
	Plates PT 2x6 RL	58.874 lnft	0.92 /lnft	54	0.68 /lnft	40	-		-	-	1.592 /lnft	94
	<i>Framing - Plates PT</i>			54		40						94
	1 Labor hours											
6110.01	<i>Framing - Blocking</i>											
	Blocking 2x6 RL	200.00 lnft	2.073 /lnft	415	1.25 /lnft	250	-		-	-	3.321 /lnft	664
	<i>Framing - Blocking</i>			415		250						664
	8 Labor hours											
6111.00	<i>Framing - Beams & Headers</i>											
€	Beams & Headers 6x12 RL	94.00 lnft	7.75 /lnft	728	5.304 /lnft	499	-		-	-	13.05 /lnft	1,227
	<i>Framing - Beams & Headers</i>			728		499						1,227
	15 Labor hours											
6118.00	<i>Plywd - Other Sheathing</i>											
c	Sheathing 5/8" Cdx Plywood	675.00 sqft	0.78 /sqft	523	0.78 /sqft	527	-		-	-	1.56 /sqft	1,049
	<i>Plywd - Other Sheathing</i>			523		527						1,049
	11 Labor hours											
6121.00	<i>Plywd - Misc Items</i>											
	Cementitious Siding Panels	124.54 sqft	5.97 /sqft	744	1.10 /sqft	137	-		-	-	7.07 /sqft	880
	Redwood Battens	181.24 lnft	1.55 /lnft	281	0.624 /lnft	113	-		-	-	2.173 /lnft	394
	<i>Plywd - Misc Items</i>			1,024		250						1,274
	22 Labor hours											
6500.00	<i>Simpson Connectors</i>											
CC06		6.00 each	46.47 /each	279	9.80 /each	59	-		-	-	56.27 /each	338

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	Simpson Connectors			279								338
	€ Labor hours											
WOOD & PLASTICS				3,371	2,440	0		19	0		5,831	
	72 Labor hours											
	2 Equipment hours											
7000.00	THERMAL & MOISTURE PROT											
7192.00	Vapor Barrier											
	Poly Vapor Barrier 4 Mil	8.01 sqs	10.86 /sqs	87	2.833 /sqs	23	-		-	-	13.69 /sqs	110
	Building Paper	675.00 sf	0.16 /sf	105	0.16 /sf	104	-		-	-	0.31 /sf	209
	Vapor Barrier			191		127						318
	4 Labor hours											
7410.01	Roofing - Metal											
	Batten Seam Metal Roof	969.60 sqft	1.59 /sqft	1,541	3.37 /sqft	3,266	-		-	-	4.96 /sqft	4,807
	Pre-Fin. Metal Gutter	32.00 lnft	6.52 /lnft	209	4.893 /lnft	157	-		-	-	11.413 /lnft	365
	Pre-Fin. Metal Fascia	124.80 lnft	5.40 /lnft	673	2.23 /lnft	278	-		-	-	7.621 /lnft	951
	Pre-Fin. Metal Downspouts	40.00 lnft	6.52 /lnft	261	4.893 /lnft	196	-		-	-	11.413 /lnft	457
	Pre-Fin. Alum. Louver	2.00 each	92.94 /each	186	190.55 /each	381	-		-	-	283.49 /each	567
	Roofing - Metal			2,870		4,277						7,147
	61 Labor hours											
THERMAL & MOISTURE PROT				3,061	4,404	0		0	0		7,465	
	6€ Labor hours											
8000.00	DOORS & WINDOWS											
8017.00	Door Hardware											
	Door Hardware	4.00 ea	23.24 /ea	93	300.00 /ea	1,200	-		-	-	323.24 /ea	1,293
	Door Hardware			93		1,200						1,293
	2 Labor hours											
8110.01	Doors - Steel with Frames											
	Steel Frame - Double	2.00 each	46.47 /each	93	98.00 /each	196	-		-	-	144.47 /each	289
	Doors - Steel with Frames			93		196						289
	2 Labor hours											
8210.01	Doors - Wood											
	Door Fire Core 3-0 x 7-0	4.00 each	139.41 /each	558	125.00 /each	500	-		-	-	264.410 /each	1,058
	Doors - Wood			558		500						1,058
	12 Labor hours											
DOORS & WINDOWS				744	1,896	0		0	0		2,640	
	1€ Labor hours											
9000.00	FINISHES											
9206.00	Ceiling Metal Frame											
	Metl Lath Furr Wall 2.5lb Mesh (SF)	675.00 sf	0.28 /sf	186	0.32 /sf	216	-		-	-	0.60 /sf	402
	Metl Lath Furr Wall 2.5lb Mesh (SF)	800.00 sf	0.28 /sf	221	0.32 /sf	256	-		-	-	0.60 /sf	477
	Ceiling Metal Frame			407		472						879
	€ Labor hours											
9220.01	Lath/Plstr - Cement Plstr											
	Plaster Cement 3 Coats	1 sqft	1.89 /sqft	1,272	0.56 /sqft	378	-		338	-	2.95 /sqft	1,988
	Plaster Cement 3 Coats	1 sqft	1.89 /sqft	1,508	0.56 /sqft	448	-		400	-	2.95 /sqft	2,356

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	Lath/Plstr - Cement Plstr			2,780		826			738			4,344
	76. Labor hours											
9910.01	Painting - Exterior											
	Paint Ext Stucco 2 Coats + Primer	800.00 sqft	0.61 /sqft	484	0.23 /sqft	184	-		-	-	0.84 /sqft	668
	Painting - Exterior			484		184						668
	11. Labor hours											
	FINISHES			3,671		1,482	0		738	0		5,890
	9€ Labor hours											
15000.00	MECHANICAL											
15400.00	Plumbing											
	Hose Bibb	1.00 each	96.18 /each	96	175.00 /each	175			-	-	271.18 /each	271
	Plumbing			96		175						271
	2 Labor hours											
	MECHANICAL			96		175	0		0	0		271
	2 Labor hours											
16000.00	ELECTRICAL											
16013.00	Elec.- Power Distrib											
-	50amps 12 ckt Panel MLO	1.00 ea	1,406.16 /ea	1,406	165.00 /ea	165	-		-	-	1,571.16 /ea	1,571
-	120/208V 3 Ph 4-wire 10K Circuit											
-	10 KVA Xmrfr N1 480-208/120V 3 ph 4w	1.00 ea	401.76 /ea	402	420.00 /ea	420	-		-	-	821.76 /ea	822
-	1" Power Feeder Emt Conduit Ftgs & Supports	20.00 lf	6.83 /lf	137	1.40 /lf	28	-		-	-	8.23 /lf	165
-	#8 600V Copper Type Thhn, stranded	0.50 Clf	80.36 /Clf	40	34.00 /Clf	17	125		-	-	364.36 /Clf	182
-	#10 600V Copper Type Thhn, stranded	0.30 Clf	70.30 /Clf	21	15.00 /Clf	5	-		-	-	85.30 /Clf	26
	Elec.- Power Distrib			2,006		635	125					2,765
	3€ Labor hours											
16400.00	Power Distribution											
-	20A Duplex Receptacle GFI	2.00 ea	42.69 /ea	85	18.65 /ea	37	-		-	-	61.34 /ea	123
-	Power Junction Box	4.00 ea	32.643 /ea	131	4.90 /ea	20	-		-	-	37.543 /ea	150
-	1/2" Equipment/Receptacle Branch Emt Conduit Ftgs & Conduit	60.00 lf	4.52 /lf	271	0.55 /lf	33	-		-	-	5.07 /lf	304
-	#12 600V Copper type Thhn, stranded	2.00 Clf	60.27 /Clf	121	11.66 /Clf	23	-		-	-	71.93 /Clf	144
	Power Distribution			608		113						721
	12 Labor hours											
16500.00	Lighting											
-	Fluorescent Fixture	6.00 ea	100.44 /ea	603	100.00 /ea	600	-		-	-	200.44 /ea	1,203
-	Exterior wallpack w/PE cell	1.00 ea	120.53 /ea	121	113.12 /ea	113	-		-	-	233.65 /ea	234
-	Single Gang Wall Light Switch Assembly	3.00 ea	27.62 /ea	83	10.64 /ea	32	-		-	-	38.26 /ea	115
-	Lighting Circuits Outlet Box	7.00 ea	10.044 /ea	70	2.00 /ea	14	-		-	-	12.044 /ea	84
-	3/4" EMT Conduit Fittings & Supports	150.00 lf	4.821 /lf	723	0.70 /lf	105	-		-	-	5.521 /lf	828
-	#12 600V Copper Type Thhn, stranded	6.00 Clf	60.263 /Clf	362	10.20 /Clf	61	-		-	-	70.463 /Clf	423

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	<i>Lighting</i>			1,961			925					2,886
	3E Labor hours											
	ELECTRICAL			4,575			1,673	125	0	0		6,373
	91. Labor hours											
	B Committal Service Shelter			27,207			19,410	125	1,348	0		48,090
	633. Labor hours											
	36. Equipment hours											
C	Maintenance Building											
2100.00	SITWORK											
2144.10	<i>Dewater - Gravel at Slabs</i>											
	Gravel At Slab	15.011 cuyd	14.262 /cuyd	214	15.593 /cuyd	234	-	56	-	33.61 /cuyd	504	
	Gravel At Slab	31.283 cuyd	14.262 /cuyd	446	15.592 /cuyd	488	-	117	-	33.604 /cuyd	1,051	
	<i>Dewater - Gravel at Slabs</i>			660		722		174			1,556	
	15. Labor hours											
	3 Equipment hours											
2220.25	<i>Excav - Footings (Mach)</i>											
	Excavate Footing By Machine	7.82 cuyd	5.90 /cuyd	46	-	-	-	22	-	8.712 /cuyd	68	
	Excavate Footing By Machine	5.212 cuyd	5.90 /cuyd	31	-	-	-	15	-	8.711 /cuyd	45	
	Excavate Footing By Machine	16.54 cuyd	5.90 /cuyd	98	-	-	-	47	-	8.711 /cuyd	144	
	<i>Excav - Footings (Mach)</i>			174				83			258	
	3 Labor hours											
	1 Equipment hours											
2220.30	<i>Excav - Pits, Misc</i>											
	Excavate Misc with Machine	1.704 cuyd	9.65 /cuyd	16	-	-	-	14	-	17.65 /cuyd	30	
	<i>Excav - Pits, Misc</i>			16				14			30	
	0. Labor hours											
	0. Equipment hours											
2220.40	<i>Excav - Shape & Grade</i>											
	Shape & Grade Footing	0.844 sqs	19.194 /sqs	16	-	-	-	1	-	20.45 /sqs	17	
	Shape & Grade Footing	2.68 sqs	19.19 /sqs	51	-	-	-	3	-	20.441 /sqs	55	
	<i>Excav - Shape & Grade</i>			68				4			72	
	1. Labor hours											
	0. Equipment hours											
2220.45	<i>Excav - Fine Grade</i>											
	Fine Grade	12.16 sqs	17.292 /sqs	210	-	-	-	78	-	23.721 /sqs	288	
	Fine Grade	25.34 sqs	17.291 /sqs	438	-	-	-	163	-	23.72 /sqs	601	
	<i>Excav - Fine Grade</i>			648				241			889	
	16. Labor hours											
	8 Equipment hours											
2220.50	<i>Backfill - Footing</i>											
	Backfill Footings by Machine	1.454 cuyd	16.60 /cuyd	24	0.523 /cuyd	1	-	9	-	23.37 /cuyd	34	
	Backfill Footings by Machine	4.413 cuyd	16.594 /cuyd	73	0.53 /cuyd	2	-	28	-	23.37 /cuyd	103	
	<i>Backfill - Footing</i>			97		3		37			137	
	2 Labor hours											
	1 Equipment hours											
2842.00	<i>Barrier - Pipe Bollards</i>											
	Pipe Bollard Steel Pipe 6"	6.00 each	53.103 /each	319	190.00 /each	1,140	-	108	-	261.103 /each	1,567	

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	<i>Barrier - Pipe Bollards</i>			319		1,140			108			1,567
	7 Labor hours											
	2 Equipment hours											
	SITework			1,983		1,865		0		661	0	4,509
	46. Labor hours											
	16. Equipment hours											
3000.00	CONCRETE											
3110.01	<i>Forms - Pile Caps</i>											
	Pile Cap Forms - Patent System	18.75 sqft	1.28 /sqft	24	1.60 /sqft	30					2.872 /sqft	54
	<i>Forms - Pile Caps</i>			24		30						54
	c Labor hours											
3114.00	<i>Forms - Walls</i>											
	Wall Forms -	290.06 sqft	1.28 /sqft	370	1.60 /sqft	463					2.872 /sqft	833
	Wall Forms -	892.912 sqft	1.28 /sqft	1,139	1.60 /sqft	1,426					2.872 /sqft	2,564
	Wall Forms -	120.00 sqft	7.651 /sqft	918	1.60 /sqft	192					9.25 /sqft	1,110
	<i>Forms - Walls</i>			2,426		2,080						4,507
	47. Labor hours											
3127.00	<i>Forms - Edgeform Slabs</i>											
	EdgeForm 2x8 Random Length	54.00 lnft	1.60 /lnft	86	0.824 /lnft	45					2.42 /lnft	131
	EdgeForm 2x8 Random Length	69.09 lnft	1.60 /lnft	110	0.824 /lnft	57					2.42 /lnft	167
	<i>Forms - Edgeform Slabs</i>			196		101						298
	4. Labor hours											
3159.00	<i>Forms - Strip & Oil</i>											
	Strip/Oil Forms-Walls	290.06 sqft	0.384 /sqft	111	0.031 /sqft	9					0.42 /sqft	120
	Strip/Oil Forms-Walls	892.912 sqft	0.384 /sqft	343	0.031 /sqft	28					0.42 /sqft	370
	Strip/Oil Forms-EdgeForms	69.09 sqft	0.10 /sqft	7	0.031 /sqft	2					0.13 /sqft	9
	Strip/Oil Forms-All other	18.75 sqft	0.10 /sqft	2	0.031 /sqft	1					0.13 /sqft	2
	Strip/Oil Forms-All other	120.00 sqft	0.32 /sqft	38	0.031 /sqft	4					0.351 /sqft	42
	<i>Forms - Strip & Oil</i>			501		43						544
	13 Labor hours											
3160.01	<i>Forms - Screeds</i>											
	Screeds	12.16 sqs	7.75 /sqs	94	2.06 /sqs	25					9.81 /sqs	119
	Screeds	25.34 sqs	7.75 /sqs	196	2.06 /sqs	52					9.81 /sqs	248
	<i>Forms - Screeds</i>			290		77						368
	e Labor hours											
3206.00	<i>Rebar - Footings</i>											
	Footing Rebar #5 Grade 40	247.65 lnft	0.36 /lnft	89	0.32 /lnft	78					0.68 /lnft	167
	<i>Rebar - Footings</i>			89		78						167
	1. Labor hours											
3209.00	<i>Rebar -</i>											
	Wall Rebar #5 Grade 40	310.50 lnft	0.24 /lnft	74	0.32 /lnft	98					0.56 /lnft	173
	Wall Rebar #5 Grade 40	954.96 lnft	0.24 /lnft	229	0.32 /lnft	302					0.56 /lnft	531
	<i>Rebar -</i>			303		400						703
	e Labor hours											
3214.10	<i>Rebar - Slab On Grade</i>											
	S.O.G. Rebar #3 Grade 40	1,873.00 lnft	0.12 /lnft	220	0.12 /lnft	216					0.233 /lnft	436
	S.O.G. Rebar #3 Grade 40	3,583.50 lnft	0.12 /lnft	421	0.12 /lnft	414					0.233 /lnft	835
	<i>Rebar - Slab On Grade</i>			641		630						1,271
	14 Labor hours											

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
3219.00	<i>Rebar - All Types</i>											
	Rebar #4 Grade 60	48.00 Inft	0.21 /Inft	10	0.22 /Inft	10	-	-	-	-	0.43 /Inft	20
	Rebar #5 Grade 60	84.00 Inft	0.21 /Inft	18	0.32 /Inft	27	-	-	-	-	0.524 /Inft	44
	<i>Rebar - All Types</i>			28		37						64
	0. Labor hours											
3305.00	<i>Conc - Pile Caps</i>											
c	Pile Cap Conc Lean Mix	2.431 cuyd	30.144 /cuyd	73	49.852 /cuyd	121	-	-	-	-	80.00 /cuyd	194
c	Pile Cap Conc 3000 psi	1.042 cuyd	16.08 /cuyd	17	66.94 /cuyd	70	-	-	-	-	83.01 /cuyd	87
c	Pile Cap Conc 3000 psi	2.431 cuyd	16.08 /cuyd	39	66.952 /cuyd	163	-	-	-	-	83.03 /cuyd	202
c	Footing Lean Mix Conc.	1.042 cuyd	26.67 /cuyd	28	77.24 /cuyd	80	-	-	8	-	111.823 /cuyd	117
	<i>Conc - Pile Caps</i>			157		434			8			599
	3 Labor hours											
	C Equipment hours											
3306.00	<i>Conc - Footings</i>											
c	Footing Conc Lean Mix	4.69 cuyd	16.08 /cuyd	75	66.96 /cuyd	314	-	-	-	-	83.032 /cuyd	389
c	Footing Conc 3000 psi	3.13 cuyd	16.08 /cuyd	50	66.96 /cuyd	209	-	-	-	-	83.032 /cuyd	260
c	Footing Conc 3000 psi	9.92 cuyd	16.08 /cuyd	159	66.953 /cuyd	664	-	-	-	-	83.031 /cuyd	824
c	Footing Conc 3000 psi	0.593 cuyd	813.34 /cuyd	482	66.981 /cuyd	40	-	-	-	-	880.32 /cuyd	522
	<i>Conc - Footings</i>			767		1,227						1,995
	15 Labor hours											
3307.00	<i>Conc - Walls</i>											
c	Wall Conc 3000 psi	5.371 cuyd	40.004 /cuyd	215	87.55 /cuyd	470	-	64	-	-	139.43 /cuyd	749
c	Wall Conc 3000 psi	12.402 cuyd	40.01 /cuyd	496	87.55 /cuyd	1,086	-	147	-	-	139.43 /cuyd	1,729
c	Wall Conc 3000 psi	1.481 cuyd	651.330 /cuyd	965	87.53 /cuyd	130	-	-	-	-	738.86 /cuyd	1,094
	<i>Conc - Walls</i>			1,676		1,686		211				3,572
	41. Labor hours											
	6. Equipment hours											
3310.01	<i>Conc - Slabs On Grade</i>											
c	S.O.G. Conc 3000 psi	15.011 cuyd	32.004 /cuyd	480	66.95 /cuyd	1,005	-	143	-	-	108.452 /cuyd	1,628
c	S.O.G. Conc 3000 psi	46.93 cuyd	32.004 /cuyd	1,502	66.95 /cuyd	3,142	-	446	-	-	108.454 /cuyd	5,089
	<i>Conc - Slabs On Grade</i>			1,982		4,147		588				6,717
	45 Labor hours											
	6. Equipment hours											
3375.00	<i>Finish - Protect & Cure</i>											
	CS 309 Curing Compound	12.16 sqft	0.04 /sqft	0	0.031 /sqft	0	-	-	-	-	0.07 /sqft	1
	CS 309 Curing Compound	25.34 sqft	0.04 /sqft	1	0.031 /sqft	1	-	-	-	-	0.07 /sqft	2
	<i>Finish - Protect & Cure</i>			1		1						3
	C Labor hours											
3380.01	<i>Finish - General</i>											
	Trowel Finish (Machine)	1,215.910 sqft	0.37 /sqft	445	0.021 /sqft	25	-	101	-	-	0.47 /sqft	572
	Trowel Finish (Machine)	2,533.95 sqft	0.37 /sqft	928	0.021 /sqft	52	-	211	-	-	0.47 /sqft	1,191
	Broom/Float Finish	48.00 sqft	3.30 /sqft	158	0.051 /sqft	2	-	-	-	-	3.35 /sqft	161
	Rub, Cut, & Patch	290.06 sqft	0.66 /sqft	191	0.031 /sqft	9	-	-	-	-	0.69 /sqft	200
	Rub, Cut, & Patch	892.912 sqft	0.66 /sqft	589	0.031 /sqft	28	-	-	-	-	0.69 /sqft	616
	<i>Finish - General</i>			2,311		116		312				2,740
	58 Labor hours											
	34 Equipment hours											
3951.00	<i>Set Grade Pins</i>											
	Set Grade Pins at Footing	76.75 Inft	2.07 /Inft	159	0.20 /Inft	15	-	-	-	-	2.27 /Inft	174
	<i>Set Grade Pins</i>			159		15						174
	3. Labor hours											

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
CONCRETE				11,552		11,103	0		1,120	0		23,775
	271.	Labor hours										
	47	Equipment hours										
5000.00	METALS											
5000.02	<i>Field Bolts</i>											
	3/4" x 14" A.B.	90.00 each	5.81 /each	523	0.85 /each	77	-				6.66 /each	599
	Set Bolts for Structural Steel	12.00 each	5.81 /each	70	0.85 /each	10	-				6.66 /each	80
	Set Bolts for Structural Steel	28.00 each	5.81 /each	163	0.85 /each	24	-				6.66 /each	186
	<i>Field Bolts</i>			755		111						866
	1€	Labor hours										
5055.00	<i>Fastner - Col Anchor Bolt</i>											
	Anchor Bolt 1/2" x 12"	126.00 each	1.55 /each	195	2.45 /each	309	-				4.00 /each	504
	<i>Fastner - Col Anchor Bolt</i>			195		309						504
	4	Labor hours										
5510.15	<i>Misc - Embedded Material</i>											
	Embedded Angle in Concrete	56.00 lnft	7.75 /lnft	434	4.00 /lnft	224	-				11.75 /lnft	658
	<i>Misc - Embedded Material</i>			434		224						658
	9.	Labor hours										
5510.55	<i>Misc - Trench Grading</i>											
	Trench Grating	48.00 sqft	1.94 /sqft	93	5.00 /sqft	240	-				6.94 /sqft	333
	<i>Misc - Trench Grading</i>			93		240						333
	2	Labor hours										
5510.61	<i>Misc - Ladders</i>											
	Ladders	1.00 each	347.80 /each	348	650.00 /each	650	-				997.80 /each	998
	<i>Misc - Ladders</i>			348		650						998
	€	Labor hours										
METALS				1,825		1,533	0		0	0		3,358
	39.	Labor hours										
6000.00	WOOD & PLASTICS											
6005.00	<i>Rough Carpentry - Roof</i>											
-	Roof Trusses	4,277.00 sf	0.641 /sf	2,740	1.54 /sf	6,587	-		1,141		2.45 /sf	10,467
	<i>Rough Carpentry - Roof</i>			2,740		6,587		1,141				10,467
	57	Labor hours										
	11	Equipment hours										
6054.00	<i>Fasteners - Nails</i>											
c	Nails - 16d common	1.00 keg	-	-	52.00 /keg	52	-				52.00 /keg	52
c	Nails - 16d common	1.00 keg	-	-	52.00 /keg	52	-				52.00 /keg	52
c	Nails - 16d common	1.00 keg	-	-	52.00 /keg	52	-				52.00 /keg	52
c	Nails - 16d common	1.00 keg	-	-	52.00 /keg	52	-				52.00 /keg	52
	<i>Fasteners - Nails</i>					208						208
6101.00	<i>Framing - Plates</i>											
	Plates 2x6 RL	854.34 lnft	0.92 /lnft	782	0.68 /lnft	578	-				1.591 /lnft	1,360
	Plates 2x6 RL	316.42 lnft	0.92 /lnft	290	0.68 /lnft	214	-				1.591 /lnft	504
	<i>Framing - Plates</i>			1,072		791						1,863
	23.	Labor hours										
6101.10	<i>Framing - Plates PT</i>											
	Plates PT 2x6 RL	427.17 lnft	0.92 /lnft	391	0.83 /lnft	353	-				1.742 /lnft	744
	Plates PT 2x6 RL	158.21 lnft	0.92 /lnft	145	0.83 /lnft	131	-				1.742 /lnft	276

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	<i>Framing - Plates PT</i>			536			484					1,020
	11. Labor hours											
6106.00	<i>Framing - Studs</i>											
	Studs 2x6x10	80.00	each	6.861 /each	549	6.76 /each	541	-	-	-	13.621 /each	1,090
	Studs 2x6x10	178.00	each	6.76 /each	1,203	6.76 /each	1,203	-	-	-	13.52 /each	2,406
	Studs 2x6x14	134.00	each	7.15 /each	958	23.30 /each	3,122	-	-	-	30.45 /each	4,080
	Studs 2x6x14	98.00	each	7.15 /each	701	23.30 /each	2,283	-	-	-	30.45 /each	2,984
	<i>Framing - Studs</i>				3,411		7,149					10,559
	7? Labor hours											
6109.00	<i>Framing - Roof Rafters</i>											
	Rafters 2x6x16	16.00	each	11.92 /each	191	10.82 /each	173	-	-	-	22.732 /each	364
	Rafters 2x6x24	22.00	each	16.22 /each	357	16.224 /each	357	-	-	-	32.444 /each	714
	<i>Framing - Roof Rafters</i>				547		530					1,077
	11. Labor hours											
6111.00	<i>Framing - Beams & Headers</i>											
4	Beams & Headers 4x12x12	1.00	each	37.93 /each	38	49.92 /each	50	-	-	-	87.85 /each	88
4	Beams & Headers 4x12x14	2.00	each	37.94 /each	76	69.89 /each	140	-	-	-	107.83 /each	216
	<i>Framing - Beams & Headers</i>				114		190					304
	2 Labor hours											
6116.00	<i>Plywd - Wall Sheathing</i>											
c	Wall Sheath 1/2" Cdx Plywood	2,210.43	sqft	0.73 /sqft	1,605	0.49 /sqft	1,080	-	-	-	1.22 /sqft	2,685
c	Wall Sheath 1/2" Cdx Plywood	1,272.42	sqft	0.73 /sqft	924	0.49 /sqft	622	-	-	-	1.22 /sqft	1,546
c	Wall Sheath 3/4"	2,210.43	sqft	0.73 /sqft	1,605	0.572 /sqft	1,264	-	-	-	1.30 /sqft	2,869
c	Wall Sheath 3/4" OSB	1,272.00	sqft	0.73 /sqft	924	0.572 /sqft	728	-	-	-	1.30 /sqft	1,651
c	Wall Sheath 3/4" MDO	3,304.00	sqft	0.73 /sqft	2,399	0.78 /sqft	2,577	-	-	-	1.51 /sqft	4,976
	<i>Plywd - Wall Sheathing</i>				7,456		6,271					13,728
	16C Labor hours											
6117.00	<i>Plywd - Roof Sheathing</i>											
c	Roof Sheathing 5/8" Cdx	4,441.00	sqft	0.72 /sqft	3,175	0.50 /sqft	2,217	-	-	-	1.214 /sqft	5,392
	<i>Plywd - Roof Sheathing</i>				3,175		2,217					5,392
	68. Labor hours											
6123.00	<i>Blocking</i>											
s	Blocking 2 x 6 R.L.	792.12	lnft	0.581 /lnft	460	0.68 /lnft	535	-	-	-	1.26 /lnft	996
	<i>Blocking</i>				460		535					996
	9. Labor hours											
WOOD & PLASTICS				19,511		24,962	0		1,141	0		45,614
	417 Labor hours											
	11 Equipment hours											
7000.00	THERMAL & MOISTURE PROT											
7192.00	<i>Vapor Barrier</i>											
	Moistop Vapor Barrier 10 Mil	38.82	sq	18.80 /sq	730	5.614 /sq	218	-	-	-	24.414 /sq	948
	Building Paper	2,210.00	sf	0.16 /sf	342	0.16 /sf	341	-	-	-	0.31 /sf	684
	<i>Vapor Barrier</i>				1,072		559					1,632
	24. Labor hours											
7211.00	<i>Insulation - Batt</i>											
t	Batt Insulation 6.0" x 15 1/2"	3,482.00	sqft	0.16 /sqft	547	0.43 /sqft	1,494	-	-	-	0.59 /sqft	2,042
	<i>Insulation - Batt</i>				547		1,494					2,042
	11. Labor hours											
7211.20	<i>Insulation - Sound Blanket</i>											
1	Sound Blanket 16" x 4.00 "	4,277.00	sqft	0.16 /sqft	672	0.474 /sqft	2,026	-	-	-	0.631 /sqft	2,699

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	<i>Insulation - Sound Blankt</i>			672			2,026					2,699
	14. Labor hours											
7410.01	Roofing - Metal											
	Batten Seam Metal Roof	4,277.00 sqft	1.59 /sqft	6,798	3.37 /sqft	14,405	-	-	-	-	4.96 /sqft	21,203
	Pre-Fin. Metal Gutter	202.95 lnft	6.52 /lnft	1,323	4.893 /lnft	993	-	-	-	-	11.413 /lnft	2,316
	Pre-Fin. Metal Fascia	166.41 lnft	5.40 /lnft	898	2.23 /lnft	370	-	-	-	-	7.621 /lnft	1,268
	Pre-Fin. Metal Valley & Ridge	212.70 lnft	7.824 /lnft	1,664	6.08 /lnft	1,293	-	-	-	-	13.901 /lnft	2,957
	Flashing											
	Pre-Fin. Metal Downspouts	40.00 lnft	6.52 /lnft	261	4.893 /lnft	196	-	-	-	-	11.413 /lnft	457
	Pre-Fin. Alum. Louver	0.00 each	0.00	0	0.00	0	-	-	-	-	-	0
	<i>Roofing - Metal</i>			10,944		17,257						28,201
	23€ Labor hours											
	THERMAL & MOISTURE PROT			13,236		21,337	0		0	0		34,573
	287 Labor hours											
8000.00	DOORS & WINDOWS											
8017.00	Door Hardware											
-	Door Hardware	5.00 ea	23.24 /ea	116	300.00 /ea	1,500	-	-	-	-	323.24 /ea	1,616
	Door Hardware			116		1,500						1,616
	2 Labor hours											
8110.01	Doors - Steel with Frames											
	Steel Frame - Single	5.00 each	46.47 /each	232	85.00 /each	425	-	-	-	-	131.47 /each	657
	<i>Doors - Steel with Frames</i>			232		425						657
	€ Labor hours											
8210.01	Doors - Wood											
t	Door Fire Core 3-0 x 7-0	5.00 each	139.41 /each	697	125.00 /each	625	-	-	-	-	264.410 /each	1,322
	<i>Doors - Wood</i>			697		625						1,322
	1€ Labor hours											
8330.01	Doors - Coiling											
	Door Coiling Steel - 12x14	1.00 each	786.00 /each	786	1,575.00 /each	1,575	-	-	-	-	2,361.00 /each	2,361
	Door Coiling Steel - 12x11	1.00 each	528.00 /each	528	920.00 /each	920	-	-	-	-	1,448.00 /each	1,448
	Door Coiling Steel - 8x11	1.00 each	396.00 /each	396	807.00 /each	807	-	-	-	-	1,203.00 /each	1,203
	<i>Doors - Coiling</i>			1,710		3,302						5,012
8520.01	Windows - Aluminum											
	Wndow Alum Csmnt Fixed	217.42 sqft	-	-	-	-	-	-	-	-	30.00 /sqft	6,523
	<i>Windows - Aluminum</i>						6,523					6,523
	DOORS & WINDOWS			2,756		5,852	6,523		0	0		15,130
	22 Labor hours											
9000.00	FINISHES											
9206.00	Ceiling Metal Frame											
	Metl Lath Furr Wall 2.5lb Mesh (SF)	3,881.28 sf	0.28 /sf	1,071	0.32 /sf	1,242	-	-	-	-	0.60 /sf	2,313
	Metl Lath Furr Wall 2.5lb Mesh (SF)	2,274.93 sf	0.28 /sf	628	0.32 /sf	728	-	-	-	-	0.60 /sf	1,356
	Metl Lath Furr Wall 2.5lb Mesh (SF)	192.00 sf	0.28 /sf	53	0.32 /sf	61	-	-	-	-	0.60 /sf	114
	Metl Lath Furr Wall 2.5lb Mesh (SF)	120.00 sf	0.28 /sf	33	0.32 /sf	38	-	-	-	-	0.60 /sf	72

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	<i>Ceiling Metal Frame</i>			1,784		2,070						3,854
	3E Labor hours											
9220.01	<i>Lath/Plstr - Cement Plstr</i>											
1	Plaster Cement 3 Coats	3,881.28	sqft	1.89 /sqft	7,316	0.56 /sqft	2,174	-	1,941	-	2.95 /sqft	11,430
1	Plaster Cement 3 Coats	2,274.93	sqft	1.89 /sqft	4,288	0.56 /sqft	1,274	-	1,137	-	2.95 /sqft	6,700
1	Plaster Cement 3 Coats	192.00	sqft	1.89 /sqft	362	0.56 /sqft	108	-	96	-	2.95 /sqft	565
1	Plaster Cement 3 Coats	120.00	sqft	1.89 /sqft	226	0.56 /sqft	67	-	60	-	2.95 /sqft	353
	<i>Lath/Plstr - Cement Plstr</i>				12,193		3,622		3,234			19,049
	333 Labor hours											
9910.01	<i>Painting - Exterior</i>											
	Paint Ext Stucco 2 Coats + Primer	120.00	sqft	0.61 /sqft	73	0.23 /sqft	28	-	-	-	0.84 /sqft	100
	Paint Ext Stucco 2 Coats + Primer	3,881.28	sqft	0.61 /sqft	2,346	0.23 /sqft	893	-	-	-	0.84 /sqft	3,239
	Paint Ext Stucco 2 Coats + Primer	2,274.93	sqft	0.61 /sqft	1,375	0.23 /sqft	523	-	-	-	0.84 /sqft	1,899
	Paint Ext Stucco 2 Coats + Primer	192.00	sqft	0.61 /sqft	116	0.23 /sqft	44	-	-	-	0.84 /sqft	160
	<i>Painting - Exterior</i>				3,910		1,488					5,398
	9E Labor hours											
9920.01	<i>Painting - Interior</i>											
	Paint Wd Door & Metal Frame	5.00	each	81.612 /each	408	6.75 /each	34	-	-	-	88.362 /each	442
	<i>Painting - Interior</i>				408		34					442
	1C Labor hours											
	FINISHES				18,295		7,213	0	3,234	0		28,743
	477 Labor hours											
10000.00	SPECIALTIES											
10000.01	<i>Specialties</i>											
	Louvers	30.31	sqft	15.714 /sqft	476	13.00 /sqft	394	-	-	-	28.714 /sqft	870
	<i>Specialties</i>				476		394					870
	E Labor hours											
10523.00	<i>Fire Extinguishers</i>											
	Fire Ext Dry Chem 5 lb	2.00	each	7.70 /each	15	45.00 /each	90	-	-	-	52.70 /each	105
	Fire Ext Cab Steel	2.00	each	21.70 /each	43	90.00 /each	180	-	-	-	111.70 /each	223
	<i>Fire Extinguishers</i>				59		270					329
	SPECIALTIES				535		664	0	0	0		1,199
	E Labor hours											
11000.00	EQUIPMENT											
11570.01	<i>Equip - Shop</i>											
-	Vehicle Lift	1.00	ea	0.00	0	12,600.00 /ea	12,600	-	-	-	12,600.00 /ea	12,600
-	Pressure Washer	1.00	ea	50.00 /ea	50	4,400.00 /ea	4,400	-	-	-	4,450.00 /ea	4,450
-	Air/Elect. Trapeze Drop	1.00	ea	150.00 /ea	150	12,300.00 /ea	12,300	-	-	-	12,450.00 /ea	12,450
-	Wall Mounted Ladder	1.00	ea	150.00 /ea	150	700.00 /ea	700	-	-	-	850.00 /ea	850
-	Motor Operated Vehicle Exhaust Reel	1.00	ea	150.00 /ea	150	500.00 /ea	500	-	-	-	650.00 /ea	650
-	Reel Bank	1.00	ea	0.00	0	12,300.00 /ea	12,300	-	-	-	12,300.00 /ea	12,300
-	Flammable Storage Cabinet	1.00	ea	150.00 /ea	150	1,200.00 /ea	1,200	-	-	-	1,350.00 /ea	1,350
	<i>Equip - Shop</i>				650		44,000					44,650
	EQUIPMENT				650		44,000	0	0	0		44,650

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
15000.00	MECHANICAL											
15300.00	Sprinkler Fire Protection Sprinkler	4,678.00 sqft	-	-	-	-	13,332	-	-	-	2.85 /sqft	13,332
							13,332					13,332
15400.00	Plumbing											
-	Oil Interceptor	1.00 ea	445.60 /ea	446	1,250.00 /ea	1,250	-	-	-	-	1,695.60 /ea	1,696
-	CWT Tank	1.00 ea	668.40 /ea	668	1,500.00 /ea	1,500	-	-	-	-	2,168.40 /ea	2,168
-	Floor Drains	4.00 ea	111.40 /ea	446	125.00 /ea	500	-	-	-	-	236.40 /ea	946
-	1-1/2" Copper Pipe	155.00 lf	11.14 /lf	1,727	10.25 /lf	1,589	-	-	-	-	21.39 /lf	3,315
-	3/4" Copper Pipe	30.00 lf	8.912 /lf	267	5.50 /lf	165	-	-	-	-	14.412 /lf	432
-	Gas Pipe	45.00 lf	20.89 /lf	940	9.50 /lf	428	-	-	-	-	30.39 /lf	1,367
-	Testing	1.00 ls	445.60 /ls	446	-	-	-	-	-	-	445.60 /ls	446
-	Clean-up	1.00 ls	2,228.00 /ls	2,228	-	-	-	-	-	-	2,228.00 /ls	2,228
-	Emergency Eye Wash / Shower	1.00 ea	668.40 /ea	668	1,900.00 /ea	1,900	-	-	-	-	2,568.40 /ea	2,568
-	Sk-3 Rough-in	1.00 ea	769.44 /ea	769	125.00 /ea	125	-	-	-	-	894.44 /ea	894
-	Sk-4 Rough-in	1.00 ea	769.44 /ea	769	125.00 /ea	125	-	-	-	-	894.44 /ea	894
-	Clean-outs	8.00 ea	192.36 /ea	1,539	110.00 /ea	880	-	-	-	-	302.36 /ea	2,419
-	Hose Bibbs	3.00 ea	96.18 /ea	289	175.00 /ea	525	-	-	-	-	271.18 /ea	814
-	4" No-Hub C.I. Pipe	45.00 lf	27.80 /lf	1,251	12.50 /lf	563	-	-	-	-	40.30 /lf	1,813
-	3" No-Hub C.I. Pipe	95.00 lf	26.45 /lf	2,513	10.50 /lf	998	-	-	-	-	36.95 /lf	3,510
	Plumbing			14,965		10,546						25,512
	28E Labor hours											
15500.00	HVAC Systems											
-	Propane Heaters	2.00 ea	1,120.56 /ea	2,241	2,250.00 /ea	4,500	-	-	-	-	3,370.56 /ea	6,741
-	Elec. Wall Heater	1.00 ea	560.28 /ea	560	1,100.00 /ea	1,100	-	-	-	-	1,660.28 /ea	1,660
-	Exh Fans Roof	4.00 ea	93.38 /ea	374	375.00 /ea	1,500	-	-	-	-	468.38 /ea	1,874
-	Flues	2.00 ea	373.52 /ea	747	196.00 /ea	392	-	-	-	-	569.52 /ea	1,139
-	O.A. Louvers	2.00 ea	74.71 /ea	149	40.00 /ea	80	-	-	-	-	114.71 /ea	229
-	SAD Diffusers	4.00 ea	70.04 /ea	280	110.00 /ea	440	-	-	-	-	180.04 /ea	720
-	Ductwork	540.00 lbs	8.124 /lbs	4,387	0.90 /lbs	486	-	-	-	-	9.024 /lbs	4,873
-	Gas Piping	60.00 lnft	29.882 /lnft	1,793	6.50 /lnft	390	-	-	-	-	36.382 /lnft	2,183
-	Temp Controls	1.00 ls	-	-	-	-	-	-	1,500	-	1,500.00 /ls	1,500
-	Air Balance	1.00 ls	186.76 /ls	187	-	-	-	-	-	-	186.76 /ls	187
-	Testing	1.00 ls	186.76 /ls	187	-	-	-	-	-	-	186.76 /ls	187
-	Cleanup	1.00 ls	560.28 /ls	560	-	-	-	-	-	-	560.28 /ls	560
	HVAC Systems			11,465		8,888				1,500		21,853
	24E Labor hours											
	MECHANICAL			26,431		19,434	13,332		0	1,500		60,697
	534 Labor hours											
16000.00	ELECTRICAL											
16013.00	Elec.- Power Distrib											
-	100amps 24 ckt Panel MLO 120/208V 3 Ph 4-wire 10K	1.00 ea	1,205.28 /ea	1,205	420.00 /ea	420	-	-	-	-	1,625.28 /ea	1,625
-	2" Power Feeder Emt Conduit Ftgs & Supports	20.00 lf	7.533 /lf	151	3.20 /lf	64	-	-	-	-	10.733 /lf	215
-	#8 600V Copper Type Thhn, stranded	0.25 Clf	80.36 /Clf	20	30.00 /Clf	8	-	-	-	-	110.36 /Clf	28
-	#1 600V Copper Type Thhn, stranded	1.00 Clf	168.74 /Clf	169	120.00 /Clf	120	-	-	-	-	288.74 /Clf	289
	Elec.- Power Distrib			1,545		612						2,157
	3C Labor hours											
16400.00	Power Distribution											

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
16400.00	<i>Power Distribution</i>											
-	20A Duplex Receptacle Assembly at wall	16.00 ea	34.15 /ea	546	12.83 /ea	205	-	-	-	-	46.98 /ea	752
-	Specialty outlet 30a	12.00 ea	50.22 /ea	603	54.00 /ea	648	-	-	-	-	104.22 /ea	1,251
-	20A Duplex receptacle GFI	4.00 ea	42.69 /ea	171	18.65 /ea	75	-	-	-	-	61.34 /ea	245
-	Power Junction Box	10.00 ea	32.643 /ea	326	4.90 /ea	49	-	-	-	-	37.543 /ea	375
-	3/4" Equipment/Receptacle Branch Emt Conduit Ftgs	1,080.00 lf	4.821 /lf	5,207	0.70 /lf	756	-	-	-	-	5.521 /lf	5,963
-	#12 600V Copper type Thhn, stranded	14.00 Clf	60.264 /Clf	844	11.66 /Clf	163	-	-	-	-	71.924 /Clf	1,007
-	Connect Mechanical unit 120v	3.00 ea	42.69 /ea	128	15.00 /ea	45	-	-	-	-	57.69 /ea	173
-	Manual Starter Nema 1 Enclosure	3.00 ea	40.18 /ea	121	27.96 /ea	84	-	-	-	-	68.14 /ea	204
-	3/4" Equipment/Receptacle Branch Emt Conduit Ftgs	300.00 lf	4.821 /lf	1,446	0.70 /lf	210	-	-	-	-	5.521 /lf	1,656
-	#12 600V Copper type Thh, stranded	6.00 Clf	60.263 /Clf	362	11.60 /Clf	70	-	-	-	-	71.863 /Clf	431
-	20A Duplex Receptacle GFI WP	4.00 each	50.22 /each	201	29.00 /each	116	-	-	-	-	79.22 /each	317
-	#10 600V Copper Type Thhn, stranded	7.20 Clf	35.154 /Clf	253	15.00 /Clf	108	-	-	-	-	50.154 /Clf	361
-	30Amps Nema-3R Disc. Switch 2-Pole 3-W With Fuse	1.00 each	75.33 /each	75	165.00 /each	165	-	-	-	-	240.33 /each	240
-	Connect T-Stat	1.00 each	25.11 /each	25	6.20 /each	6	-	-	-	-	31.31 /each	31
-	#10 600V Copper Type Thhn, stranded	3.00 Clf	35.153 /Clf	105	15.00 /Clf	45	-	-	-	-	50.153 /Clf	150
-	#12 600V Copper type Thhn, stranded	6.00 Clf	30.132 /Clf	181	11.66 /Clf	70	-	-	-	-	41.792 /Clf	251
-	Connect Mechanical unit 208v	1.00 ea	62.78 /ea	63	25.00 /ea	25	-	-	-	-	87.78 /ea	88
	<i>Power Distribution</i>			10,657		2,840						13,496
	212 Labor hours											
16500.00	<i>Lighting</i>											
-	Wraparound Fluorescent	8.00 ea	115.51 /ea	924	120.00 /ea	960	-	-	-	-	235.51 /ea	1,884
-	Exterior wallpack w/PE cell	3.00 ea	120.53 /ea	362	113.12 /ea	339	-	-	-	-	233.65 /ea	701
-	Single Gang Wall Light Switch Assembly	6.00 ea	27.622 /ea	166	10.64 /ea	64	-	-	-	-	38.262 /ea	230
-	Doulbe Gang Wall Light Switch Assembly	1.00 ea	40.18 /ea	40	16.85 /ea	17	-	-	-	-	57.03 /ea	57
-	Lighting Circuits Outlet Box	51.00 ea	10.044 /ea	512	2.00 /ea	102	-	-	-	-	12.044 /ea	614
-	3/4" EMT conduit Fittings & Supports	700.00 lf	4.821 /lf	3,375	0.70 /lf	490	-	-	-	-	5.521 /lf	3,865
-	#12 600V Copper Type Thhn, stranded	28.00 Clf	60.264 /Clf	1,687	10.20 /Clf	286	-	-	-	-	70.464 /Clf	1,973
-	Industrial Fluorescent	40.00 each	57.753 /each	2,310	120.00 /each	4,800	-	-	-	-	177.753 /each	7,110
	<i>Lighting</i>			9,376		7,058						16,434
	18€ Labor hours											
16720.00	<i>Fire Alarm System</i>											
-	Dual Sync. Module	1.00 ea	62.78 /ea	63	360.00 /ea	360	-	-	-	-	422.78 /ea	423
-	Addressible relay module	1.00 ea	56.25 /ea	56	259.00 /ea	259	-	-	-	-	315.25 /ea	315
-	2-Wire Hat Detector	10.00 ea	64.784 /ea	648	90.00 /ea	900	-	-	-	-	154.784 /ea	1,548
-	Pullstation w/mtg. Plate	2.00 ea	50.22 /ea	100	68.00 /ea	136	-	-	-	-	118.22 /ea	236
-	Sounder/Strobe Combo W.Mtg. Plate	4.00 ea	75.33 /ea	301	96.00 /ea	384	-	-	-	-	171.33 /ea	685
-	Allow - Hazardous seal/FA device	1.00 ea	100.44 /ea	100	300.00 /ea	300	-	-	-	-	400.44 /ea	400
-	3/4" Data Emt Conduit Ftgs & Supports	600.00 lf	4.821 /lf	2,893	0.71 /lf	426	-	-	-	-	5.531 /lf	3,319
-	2-#12 Solid Thhn Copper	15.00 Clf	60.264 /Clf	904	19.94 /Clf	299	-	-	-	-	80.204 /Clf	1,203
-	Strobe Light W/Mtg Plate	1.00 ea	50.22 /ea	50	53.00 /ea	53	-	-	-	-	103.22 /ea	103
	<i>Fire Alarm System</i>			5,116		3,117						8,233
	101 Labor hours											

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
16750.00	Telephone/Data System											
-	Telephone cabinet 12"x12"x8" w/backboard	1.00 ea	75.33 /ea	75	112.00 /ea	112	-	-	-	-	187.33 /ea	187
-	Telephone outlet wall mtd.	2.00 ea	30.13 /ea	60	6.50 /ea	13	-	-	-	-	36.63 /ea	73
-	3/4" Data Emt Conduit Ftgs & Supports	40.00 lf	4.821 /lf	193	0.71 /lf	28	-	-	-	-	5.531 /lf	221
-	1" Emt Conduit Ftgs & Supports	10.00 lf	5.323 /lf	53	0.90 /lf	9	-	-	3	-	6.49 /lf	65
-	Pull line	0.50 Clf	87.38 /Clf	44	8.00 /Clf	4	-	-	-	-	95.38 /Clf	48
	Telephone/Data System			425		166			3			594
	E Labor hours											
	C Equipment hours											
ELECTRICAL				27,119		13,792	0		3	0		40,914
	54C Labor hours											
	C Equipment hours											
C Maintenance Building				123,892		151,757	19,855		6,158	1,500		303,162
	2,645 Labor hours											
	7E Equipment hours											
E	Columbarium											
2100.00	SITEWORK											
2220.25	Excav - Footings (Mach)											
	Excavate Footing By Machine	65.19 cuyd	5.90 /cuyd	385	-	-	-	-	183	-	8.711 /cuyd	568
	Excav - Footings (Mach)			385					183			568
	E Labor hours											
	4 Equipment hours											
2220.40	Excav - Shape & Grade											
	Shape & Grade Footing	8.80 sqs	19.19 /sqs	169	-	-	-	-	11	-	20.44 /sqs	180
	Excav - Shape & Grade			169					11			180
	4 Labor hours											
	2 Equipment hours											
SITEWORK				553		0	0		194	0		748
	12 Labor hours											
	6 Equipment hours											
3000.00	CONCRETE											
3111.00	Forms - Footings											
	Keyway In Footing	176.00 lnft	0.581 /lnft	102	0.88 /lnft	154	-	-	-	-	1.46 /lnft	256
	Forms - Footings			102		154						256
	2 Labor hours											
3206.00	Rebar - Footings											
	Footing Rebar #4 Grade 40	5,720.00 lnft	0.19 /lnft	1,071	0.21 /lnft	1,182	-	-	-	-	0.394 /lnft	2,252
	Rebar - Footings			1,071		1,182						2,252
	23 Labor hours											
3306.00	Conc - Footings											
c	Footing Conc 3000 psi	65.19 cuyd	16.08 /cuyd	1,048	66.951 /cuyd	4,364	-	-	-	-	83.03 /cuyd	5,412
	Conc - Footings			1,048		4,364						5,412
	26 Labor hours											
3951.00	Set Grade Pins											
	Set Grade Pins at Footing	176.00 lnft	0.38 /lnft	66	0.20 /lnft	35	-	-	-	-	0.58 /lnft	102

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	Set Grade Pins			66			35					102
	1 Labor hours											
	CONCRETE			2,287			5,735	0	0	0		8,023
	53 Labor hours											
13000.00	SPECIAL CONSTRUCTION											
13000.01	Special Construction											
-	Columbarium Units	0.00	nich	0.00	0	0.00	0	-	-	-		
	SPECIAL CONSTRUCTION				0		0	0	0	0		0
	E Columbarium				2,841		5,735	0	194	0		8,770
	6E Labor hours											
	6. Equipment hours											
F	Outdoor Storage Bin, Trash & Flammable Storage											
2100.00	SITWORK											
2220.25	Excav - Footings (Mach)											
	Excavate Footing By Machine	5.92	cuyd	5.90 /cuyd	35	-	-	-	17	-	8.712 /cuyd	52
	Excavate Footing By Machine	12.17	cuyd	5.90 /cuyd	72	-	-	-	34	-	8.711 /cuyd	106
	Excavate Footing By Machine	12.17	cuyd	5.90 /cuyd	72	-	-	-	34	-	8.711 /cuyd	106
	Excavate Footing By Machine	1.333	cuyd	5.90 /cuyd	8	-	-	-	4	-	8.71 /cuyd	12
	Excav - Footings (Mach)				186				89			275
	3 Labor hours											
	1. Equipment hours											
2220.30	Excav - Pits, Misc											
	Excavate Misc with Machine	19.35	cuyd	9.65 /cuyd	187	-	-	-	155	-	17.65 /cuyd	341
	Excav - Pits, Misc				187				155			341
	3 Labor hours											
	3 Equipment hours											
2220.40	Excav - Shape & Grade											
	Shape & Grade Footing	0.96	sq	10.12 /sq	10	-	-	-	-	-	10.12 /sq	10
	Shape & Grade Footing	1.52	sq	10.12 /sq	15	-	-	-	-	-	10.12 /sq	15
	Shape & Grade Footing	1.52	sq	10.12 /sq	15	-	-	-	-	-	10.12 /sq	15
	Shape & Grade Footing	0.09	sq	10.111 /sq	1	-	-	-	-	-	10.111 /sq	1
	Shape & Grade Turndowns etc.	0.871	sq	10.12 /sq	9	-	-	-	-	-	10.12 /sq	9
	Excav - Shape & Grade				50							50
	1 Labor hours											
	1 Equipment hours											
2220.45	Excav - Fine Grade											
	Fine Grade Walks & Drives	4.15	sq	17.29 /sq	72	-	-	-	27	-	23.72 /sq	98
	Excav - Fine Grade				72				27			98
	1 Labor hours											
	0. Equipment hours											
2220.50	Backfill - Footing											
	Backfill Footings by Machine	1.973	cuyd	16.594 /cuyd	33	0.53 /cuyd	1	-	12	-	23.371 /cuyd	46
	Backfill Footings by Machine	3.122	cuyd	16.60 /cuyd	52	0.53 /cuyd	2	-	20	-	23.37 /cuyd	73
	Backfill - Footing				85		3		32			119
	1. Labor hours											
	1. Equipment hours											
2220.60	Backfill - Pit etc											
	Backfill Misc	16.77	cuyd	16.60 /cuyd	278	0.53 /cuyd	9	-	105	-	23.37 /cuyd	392

* Information Only

Standard Estimate Report
Phase I 50% CD 12-18-02

Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	Backfill - Pit etc			278		9			105			392
	€ Labor hours											
	4. Equipment hours											
SITWORK				858		11	0		407	0		1,276
	19. Labor hours											
	12. Equipment hours											
3000.00	CONCRETE											
3111.00	Forms - Footings											
	Keyway In Footing	47.91 Inft	0.581 /Inft	28	0.88 /Inft	42	-	-	-	-	1.46 /Inft	70
	Keyway In Footing	75.80 Inft	0.581 /Inft	44	0.88 /Inft	66	-	-	-	-	1.46 /Inft	110
	Forms - Footings			72		108						180
	1 Labor hours											
3114.00	Forms - Walls											
	Wall Forms -	1,200.00 sqft	1.28 /sqft	1,530	1.60 /sqft	1,916	-	-	-	-	2.872 /sqft	3,446
	Forms - Walls			1,530		1,916						3,446
	3C Labor hours											
3159.00	Forms - Strip & Oil											
	Strip/Oil Forms-Walls	1,200.00 sqft	0.41 /sqft	486	0.031 /sqft	37	-	-	-	-	0.44 /sqft	523
	Forms - Strip & Oil			486		37						523
	12 Labor hours											
3160.01	Forms - Screeds											
	Screeds	4.15 sqs	7.75 /sqs	32	2.06 /sqs	9	-	-	-	-	9.81 /sqs	41
	Forms - Screeds			32		9						41
	0. Labor hours											
3166.00	Forms - Snapties											
	Snaptie 8 in.	234.00 each	-	-	0.52 /each	121	-	-	-	-	0.52 /each	121
	Forms - Snapties					121						121
3177.00	Forms - Pour Strip											
	Pour Strip (1x1)	75.00 Inft	0.85 /Inft	64	0.21 /Inft	15	-	-	-	-	1.06 /Inft	79
	Forms - Pour Strip			64		15						79
3206.00	Rebar - Footings											
	Footing Rebar #4 Grade 40	131.82 Inft	0.19 /Inft	25	0.21 /Inft	27	-	-	-	-	0.394 /Inft	52
	Footing Rebar #5 Grade 40	208.60 Inft	0.36 /Inft	75	0.32 /Inft	66	-	-	-	-	0.68 /Inft	141
	Rebar - Footings			100		93						193
	2 Labor hours											
3209.00	Rebar -											
	Wall Rebar #5 Grade 40	1,162.50 Inft	0.24 /Inft	279	0.32 /Inft	367	-	-	-	-	0.56 /Inft	646
	Rebar -			279		367						646
	€ Labor hours											
3219.10	Rebar - Dowels											
	No. 4x5' Long Dowel	24.00 each	2.66 /each	64	0.36 /each	9	-	-	-	-	3.02 /each	72
	No. 5x5' Long Dowel	51.00 each	2.66 /each	135	0.361 /each	18	-	-	-	-	3.02 /each	154
	Rebar - Dowels			199		27						226
	4 Labor hours											
3306.00	Conc - Footings											
	c Footing Conc 2000 psi Lean Mix	8.422 cuyd	24.12 /cuyd	203	49.854 /cuyd	420	-	-	-	-	73.97 /cuyd	623
	c Footing Conc 3000 psi	3.55 cuyd	16.08 /cuyd	57	66.943 /cuyd	238	-	-	-	-	83.021 /cuyd	295
	c Footing Conc 3000 psi	8.422 cuyd	16.08 /cuyd	135	66.953 /cuyd	564	-	-	-	-	83.03 /cuyd	699
	c Footing Conc 3000 psi	1.00 cuyd	16.08 /cuyd	16	66.95 /cuyd	67	-	-	-	-	83.03 /cuyd	83

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	Conc - Footings			412		1,288						1,700
	10. Labor hours											
3307.00	Conc - Walls											
c	Wall Conc 3000 psi	14.82 cuyd	40.01 /cuyd	593	66.95 /cuyd	992	-		176	-	118.83 /cuyd	1,760
	Conc - Walls			593		992			176			1,760
	14 Labor hours											
	1. Equipment hours											
3310.01	Conc - Slabs On Grade											
c	S.O.G. Conc 3000 psi	6.45 cuyd	32.003 /cuyd	206	66.96 /cuyd	432	-		61	-	108.46 /cuyd	700
	Conc - Slabs On Grade			206		432			61			700
	E Labor hours											
	C Equipment hours											
3311.00	Conc - Walks											
c	Walk Conc 3000 psi	7.682 cuyd	30.144 /cuyd	232	66.95 /cuyd	514	-				97.091 /cuyd	746
	Conc - Walks			232		514						746
	5. Labor hours											
3375.00	Finish - Protect & Cure											
	CS 309 Curing Compound	4.15 sqft	0.04 /sqft	0	0.031 /sqft	0	-				0.07 /sqft	0
	Finish - Protect & Cure			0		0						0
	0. Labor hours											
3380.01	Finish - General											
	Broom/Float Finish	414.83 sqft	0.494 /sqft	205	0.051 /sqft	21	-				0.55 /sqft	226
	Rub, Cut, & Patch	1,200.00 sqft	0.66 /sqft	791	0.031 /sqft	37	-				0.69 /sqft	828
	Rub Finish	1,200.00 sqft	0.59 /sqft	703	0.052 /sqft	62	-				0.64 /sqft	765
	Finish - General			1,699		120						1,819
	42. Labor hours											
	C Equipment hours											
3951.00	Set Grade Pins											
	Set Grade Pins at Footing	75.80 lnft	2.323 /lnft	176	0.20 /lnft	15	-				2.523 /lnft	191
	Set Grade Pins			176		15						191
	E Labor hours											
	C Equipment hours											
	CONCRETE			6,079		6,055	0		237	0		12,371
	13E Labor hours											
	E Equipment hours											
4000.00	MASONRY											
4105.00	Mortar - All Types											
	Mortar Type "N"	0.64 cuyd	53.01 /cuyd	34	93.59 /cuyd	60	-				146.60 /cuyd	94
	Sand At Mortar	0.64 cuyd	40.141 /cuyd	26	14.10 /cuyd	9	-		3		58.25 /cuyd	37
	Mortar - All Types			59		69			3			131
	1. Labor hours											
	C Equipment hours											
4158.00	Reinforce: Horizontal Wall											
t	Horiz Wall Reinf 8" Truss	0.24 mlf	559.542 /mlf	134	299.25 /mlf	72	-				858.792 /mlf	206
	Reinforce: Horizontal Wall			134		72						206
	3. Labor hours											
4221.15	Conc. Block - 8"											
h	Blk 8" Standard Face Lt Wt	324.00 each	4.461 /each	1,445	2.573 /each	833	-				7.033 /each	2,279

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	Conc. Block - 8"			1,445		833						2,279
	3€ Labor hours											
4221.45	Conc. Block - 8" Lintel											
l	Lintel 8" Stand Face Lt Wt	36.00 each	5.02 /each	181	2.73 /each	98	-		-	-	7.75 /each	279
	Conc. Block - 8" Lintel			181		98						279
	4 Labor hours											
4710.11	Cleaning - Rub Block											
	Rub Block	5.75 sqs	15.72 /sqs	90	1.051 /sqs	6	-		-	-	16.77 /sqs	96
	Cleaning - Rub Block			90		6						96
	2 Labor hours											
4731.50	Grout Fill Concrete											
c	Grout Fill 3000 psi,1/2" Gravl	10.83 cuyd	197.563 /cuyd	2,139	94.50 /cuyd	1,023	-		255	-	315.59 /cuyd	3,417
	Grout Fill Concrete			2,139		1,023			255			3,417
	5C Labor hours											
	12 Equipment hours											
	MASONRY			4,049		2,102	0		257	0		6,408
	98. Labor hours											
	12. Equipment hours											
5000.00	METALS											
5007.23	4x 4 TS (Struc. Tubing)											
	1/4"x4" Square Tube for Gate Post	4.00 each	139.41 /each	558	65.00 /each	260	-		-	-	204.41 /each	818
	4x 4 TS (Struc. Tubing)			558		260						818
	12 Labor hours											
5710.00	Galv. Steel Painted Fence											
	Galv. Steel Painted Fence	55.89 lnft	8.40 /lnft	469	35.00 /lnft	1,956	-		-	-	43.40 /lnft	2,426
	Sliding gate (Painted) Galv. Steel	26.82 lnft	15.00 /lnft	402	25.00 /lnft	671	-		-	-	40.00 /lnft	1,073
	Galv. Steel Painted Fence			872		2,627						3,498
	METALS			1,429		2,887	0		0	0		4,316
	12 Labor hours											
11000.00	EQUIPMENT											
11000.01	Equipment											
	1000 Gal Split Fuel Tank	1.00 each	-	-	-	-	10,000		-	-	10,000.00 /each	10,000
	Equipment						10,000					10,000
	EQUIPMENT			0		0	10,000		0	0		10,000
	F Outdoor Storage Bin, Trash & Flammable			12,415		11,055	10,000		901	0		34,371
	269. Labor hours											
	29. Equipment hours											
G	Hydrants											
2100.00	SITWORK											
2611.40	Fire Water											
-	Hydrants	3.00 ea	750.56 /ea	2,252	1,750.00 /ea	5,250	-		720	302	2,841.153 /ea	8,523
	Fire Water			2,252		5,250			720	302		8,523

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
SITEWORK				2,252		5,250		0		720	302	8,523
G Hydrants				2,252		5,250		0		720	302	8,523
H Maintenance Area												
2100.00 SITEWORK												
2143.00	Dewater - Drainage Pipe											
	French Drain 6"	329.00	lnft	6.72 /lnft	2,210	4.48 /lnft	1,474	-	748	-	13.472 /lnft	4,432
	Dewater - Drainage Pipe				2,210		1,474		748			4,432
	4€ Labor hours											
	3€ Equipment hours											
2144.00	Dewater - Gravel At Drain											
	Gravel @ Drains for Mound	100.00	cuyd	8.96 /cuyd	896	15.593 /cuyd	1,559	-	350	-	28.053 /cuyd	2,805
	Sewer System											
	Dewater - Gravel At Drain				896		1,559		350			2,805
	1€ Labor hours											
2144.10	Dewater - Gravel at Slabs											
	Crusher Run At Slab	481.91	cuyd	17.114 /cuyd	8,247	17.01 /cuyd	8,197	-	2,169	-	38.624 /cuyd	18,613
	Dewater - Gravel at Slabs				8,247		8,197		2,169			18,613
	192. Labor hours											
	48. Equipment hours											
2220.25	Excav - Footings (Mach)											
	Machine Excavate for Mound	97.72	cy	16.60 /cy	1,622	-	-	-	611	-	22.85 /cy	2,232
	Sewer System											
	Excav - Footings (Mach)				1,622				611			2,232
	3€ Labor hours											
	24 Equipment hours											
2220.30	Excav - Pits, Misc											
	Excavate Misc with Machine	0.671	cuyd	9.642 /cuyd	6	-	-	-	5	-	17.65 /cuyd	12
	Excavate Misc with Machine	3.201	cuyd	9.65 /cuyd	31	-	-	-	26	-	17.65 /cuyd	56
	Excavate Misc with Machine	5.481	cuyd	9.65 /cuyd	53	-	-	-	44	-	17.65 /cuyd	97
	Excav - Pits, Misc				90				75			165
	1 Labor hours											
	1 Equipment hours											
2220.40	Excav - Shape & Grade											
	Shape & Grade Footing	0.33	sqsq	10.123 /sqsq	3	-	-	-	-	-	10.123 /sqsq	3
	Shape & Grade Turndowns etc.	0.091	sqsq	10.11 /sqsq	1	-	-	-	-	-	10.11 /sqsq	1
	Shape & Grade Turndowns etc.	0.74	sqsq	10.122 /sqsq	7	-	-	-	-	-	10.122 /sqsq	7
	Excav - Shape & Grade				12							12
	c Labor hours											
	0. Equipment hours											
2220.45	Excav - Fine Grade											
	Fine Grade	1.081	sqsq	17.29 /sqsq	19	-	-	-	7	-	23.72 /sqsq	26
	Fine Grade	0.36	sqsq	17.28 /sqsq	6	-	-	-	2	-	23.694 /sqsq	9
	Fine Grade Walks & Drives	260.231	sqsq	17.291 /sqsq	4,500	-	-	-	1,673	-	23.72 /sqsq	6,173
	Fine Grade Walks & Drives	344.24	sqsq	17.291 /sqsq	5,952	-	-	-	2,213	-	23.72 /sqsq	8,165
	Fine Grade Walks & Drives	3.00	sqsq	17.29 /sqsq	52	-	-	-	19	-	23.72 /sqsq	71
	Excav - Fine Grade				10,529				3,914			14,443
	260. Labor hours											
	8€ Equipment hours											

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
2511.00	<i>Paving Asphalt</i>											
-	Aggregate Base 4"	785.69 Ton	2.413 /Ton	1,896	15.00 /Ton	11,785	-		1,263	548	19.72 /Ton	15,492
-	Asphalt 2" over Concrete Pavement	392.81 Ton	3.33 /Ton	1,306	40.00 /Ton	15,712	-		1,904	693	49.94 /Ton	19,616
-	Seal Coat	31,424.76 sf					4,714			189	0.16 /sf	4,902
	<i>Paving Asphalt</i>			3,202		27,498	4,714		3,167	1,429		40,010
2831.00	<i>Fence - Chain Link</i>											
	Fence ChainLink Vinyl Complete 8' tall	489.80 lnft	5.241 /lnft	2,567	4.02 /lnft	1,969	-		1,073	-	11.451 /lnft	5,609
	<i>Fence - Chain Link</i>			2,567		1,969			1,073			5,609
	5E Labor hours											
2842.00	<i>Barrier - Pipe Bollards</i>											
	Pipe Bollard Steel Pipe 6"	59.00 each	53.104 /each	3,133	190.00 /each	11,210	-		1,062	-	261.104 /each	15,405
	<i>Barrier - Pipe Bollards</i>			3,133		11,210			1,062			15,405
	7C Labor hours											
	2E Equipment hours											
2860.01	<i>Site Equip-Playing Fields</i>											
-	Gate Operators	1.00 ea	477.50 /ea	478	2,050.00 /ea	2,050	-		-	-	2,527.50 /ea	2,528
	<i>Site Equip-Playing Fields</i>			478		2,050						2,528
	SITWORK			32,986		53,957	4,714		13,168	1,429		106,255
	687 Labor hours											
	22E Equipment hours											
3000.00	CONCRETE											
3114.00	<i>Forms - Walls</i>											
	Wall Forms -	106.00 sqft	1.28 /sqft	135	1.60 /sqft	169	-		-	-	2.872 /sqft	304
	<i>Forms - Walls</i>			135		169						304
	2 Labor hours											
3127.00	<i>Forms - Edgeform Slabs</i>											
	EdgeForm 2x4 Random Length	49.90 lnft	1.60 /lnft	80	0.824 /lnft	41	-		-	-	2.42 /lnft	121
	EdgeForm 2x6 Random Length	24.00 lnft	1.60 /lnft	38	0.762 /lnft	18	-		-	-	2.36 /lnft	57
	<i>Forms - Edgeform Slabs</i>			118		59						177
	2 Labor hours											
3130.01	<i>Forms - Edgeform at Walks</i>											
	EdgeForm 2x6 Random Length	1,309.67 lnft	1.60 /lnft	2,089	0.762 /lnft	998	-		-	-	2.36 /lnft	3,087
	EdgeForm 2x6 Random Length	74.00 lnft	1.60 /lnft	118	0.762 /lnft	56	-		-	-	2.36 /lnft	174
	<i>Forms - Edgeform at Walks</i>			2,207		1,055						3,261
	46 Labor hours											
3159.00	<i>Forms - Strip & Oil</i>											
	Strip/Oil Forms-EdgeForms	1,309.67 sqft	0.101 /sqft	133	0.031 /sqft	40	-		-	-	0.132 /sqft	173
	Strip/Oil Forms-EdgeForms	74.00 sqft	0.101 /sqft	7	0.031 /sqft	2	-		-	-	0.132 /sqft	10
	Strip/Oil Forms-All other	49.90 sqft	0.101 /sqft	5	0.031 /sqft	2	-		-	-	0.132 /sqft	7
	Strip/Oil Forms-All other	106.00 sqft	0.101 /sqft	11	0.031 /sqft	3	-		-	-	0.132 /sqft	14
	Strip/Oil Forms-All other	24.00 sqft	0.101 /sqft	2	0.031 /sqft	1	-		-	-	0.132 /sqft	3
	<i>Forms - Strip & Oil</i>			158		48						207
	3 Labor hours											
3160.01	<i>Forms - Screeds</i>											
	Screeds	260.231 sqs	7.75 /sqs	2,015	2.06 /sqs	536	-		-	-	9.81 /sqs	2,552
	Screeds	344.24 sqs	7.75 /sqs	2,666	2.06 /sqs	709	-		-	-	9.81 /sqs	3,375
	Screeds	3.00 sqs	7.75 /sqs	23	2.06 /sqs	6	-		-	-	9.81 /sqs	29

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	Forms - Screeds			4,705			1,251					5,956
	101 Labor hours											
3161.00	Forms - Chamfer Strip											
	Chamfer Strip (3/4")	49.90	/lft	0.80 /lft	40	0.21 /lft	10	-	-	-	1.01 /lft	50
	Chamfer Strip (3/4")	24.00	/lft	0.80 /lft	19	0.21 /lft	5	-	-	-	1.01 /lft	24
	Forms - Chamfer Strip			59			15					74
3231.00	Rebar - Wiremesh Lump Sum											
v	Wiremesh 6x6 10/10	286.254	sqft	0.21 /sqft	59	0.072 /sqft	21	-	-	-	0.28 /sqft	79
v	Wiremesh 6x6 10/10	378.664	sqft	0.21 /sqft	78	0.072 /sqft	27	-	-	-	0.28 /sqft	105
v	Wiremesh 6x6 10/10	1.19	sqft	0.202 /sqft	0	0.08 /sqft	0	-	-	-	0.28 /sqft	0
v	Wiremesh 6x6 10/10	3.30	sqft	0.21 /sqft	1	0.073 /sqft	0	-	-	-	0.28 /sqft	1
v	Wiremesh 6x6 10/10	0.40	sqft	0.202 /sqft	0	0.08 /sqft	0	-	-	-	0.28 /sqft	0
	Rebar - Wiremesh Lump Sum			138			48					186
	3 Labor hours											
3306.00	Conc - Footings											
c	Footing Conc 3000 psi	0.802	cuyd	16.072 /cuyd	13	66.95 /cuyd	54	-	-	-	83.02 /cuyd	67
	Conc - Footings			13			54					67
	0 Labor hours											
3307.00	Conc - Walls											
c	Wall Conc 3000 psi	1.31	cuyd	40.01 /cuyd	52	66.94 /cuyd	88	-	16	-	118.82 /cuyd	156
	Conc - Walls			52			88		16			156
	1 Labor hours											
	0 Equipment hours											
3310.01	Conc - Slabs On Grade											
c	S.O.G. Conc 3000 psi	1.334	cuyd	32.001 /cuyd	43	66.95 /cuyd	89	-	13	-	108.45 /cuyd	145
c	S.O.G. Conc 3000 psi	0.671	cuyd	32.00 /cuyd	21	66.95 /cuyd	45	-	6	-	108.44 /cuyd	73
c	S.O.G. Conc 3000 psi	5.481	cuyd	32.003 /cuyd	175	66.95 /cuyd	367	-	52	-	108.45 /cuyd	594
c	S.O.G. Conc 3000 psi	0.67	cuyd	32.01 /cuyd	21	66.96 /cuyd	45	-	6	-	108.471 /cuyd	72
	Conc - Slabs On Grade			261			546		77			884
	6 Labor hours											
	c Equipment hours											
3311.00	Conc - Walks											
c	Walk Conc 3000 psi	481.91	cuyd	30.15 /cuyd	14,527	66.95 /cuyd	32,264	-	-	-	97.094 /cuyd	46,791
c	Walk Conc 3000 psi	637.481	cuyd	30.15 /cuyd	19,217	66.95 /cuyd	42,679	-	-	-	97.094 /cuyd	61,896
c	Walk Conc 3000 psi	5.56	cuyd	30.144 /cuyd	167	66.96 /cuyd	372	-	-	-	97.10 /cuyd	539
	Conc - Walks			33,911			75,315					109,226
	843 Labor hours											
3375.00	Finish - Protect & Cure											
	CS 309 Curing Compound	260.231	sqft	0.04 /sqft	10	0.031 /sqft	8	-	-	-	0.07 /sqft	18
	CS 309 Curing Compound	344.24	sqft	0.04 /sqft	13	0.031 /sqft	11	-	-	-	0.07 /sqft	24
	CS 309 Curing Compound	3.00	sqft	0.04 /sqft	0	0.03 /sqft	0	-	-	-	0.07 /sqft	0
	Finish - Protect & Cure			23			19					42
	c Labor hours											
3380.01	Finish - General											
	Trowel Finish (Machine)	108.09	sqft	0.37 /sqft	40	0.021 /sqft	2	-	9	-	0.47 /sqft	51
	Trowel Finish (Machine)	36.00	sqft	0.37 /sqft	13	0.021 /sqft	1	-	3	-	0.47 /sqft	17
	Broom/Float Finish	26,023.051	sqft	0.494 /sqft	12,865	0.052 /sqft	1,340	-	-	-	0.55 /sqft	14,205
	Broom/Float Finish	34,424.00	sqft	0.494 /sqft	17,018	0.052 /sqft	1,773	-	-	-	0.55 /sqft	18,791
	Broom/Float Finish	38.00	sqft	0.494 /sqft	19	0.052 /sqft	2	-	-	-	0.55 /sqft	21
	Broom/Float Finish	300.00	sqft	0.494 /sqft	148	0.052 /sqft	15	-	-	-	0.55 /sqft	164
	Rub, Cut, & Patch	49.90	sqft	0.66 /sqft	33	0.031 /sqft	2	-	-	-	0.69 /sqft	34
	Rub, Cut, & Patch	24.00	sqft	0.66 /sqft	16	0.031 /sqft	1	-	-	-	0.69 /sqft	17

* Information Only

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	<i>Finish - General</i>			30,152		3,136			12			33,300
	762 Labor hours											
	97 Equipment hours											
3951.00	<i>Set Grade Pins</i>											
	Set Grade Pins at Footing	15.00 Inft	2.323 /Inft	35	0.20 /Inft	3	-		-	-	2.523 /Inft	38
	Set Grade Pins			35		3						38
	C Labor hours											
	CONCRETE			71,967		81,806	0		105	0		153,878
	1,775 Labor hours											
	96 Equipment hours											
5000.00	METALS											
5510.15	<i>Misc - Embedded Material</i>											
	Embedded Angle in Concrete	42.00 Inft	6.20 /Inft	260	4.00 /Inft	168	-		-	-	10.20 /Inft	428
	<i>Misc - Embedded Material</i>			260		168						428
	E Labor hours											
5510.55	<i>Misc - Trench Grading</i>											
	Trench Grating	38.00 sqft	2.45 /sqft	93	5.00 /sqft	190	-		-	-	7.45 /sqft	283
	<i>Misc - Trench Grading</i>			93		190						283
	2 Labor hours											
5711.00	<i>Steel Traffic Guardrail</i>											
	Steel Traffic Guardrail W-Beam and Steel Posts	107.37 Inft	8.40 /Inft	902	35.00 /Inft	3,758	-		-	-	43.40 /Inft	4,660
	<i>Steel Traffic Guardrail</i>			902		3,758						4,660
	METALS			1,255		4,116	0		0	0		5,371
	7 Labor hours											
11000.00	EQUIPMENT											
11000.01	<i>Equipment</i>											
-	Fuel Pumps	2.00 ea	350.00 /ea	700	6,500.00 /ea	13,000	-		-	-	6,850.00 /ea	13,700
-	Pressure Wash Equipment	1.00 ea	1,200.00 /ea	1,200	5,600.00 /ea	5,600	-		-	-	6,800.00 /ea	6,800
	<i>Equipment</i>			1,900		18,600						20,500
	EQUIPMENT			1,900		18,600	0		0	0		20,500
13000.00	SPECIAL CONSTRUCTION											
13000.01	<i>Special Construction</i>											
-	Underground Storage Tank	1.00 ea	268.00 /ea	268	4,250.00 /ea	4,250	-		-	-	4,518.00 /ea	4,518
	<i>Special Construction</i>			268		4,250						4,518
	SPECIAL CONSTRUCTION			268		4,250	0		0	0		4,518
15000.00	MECHANICAL											
15500.00	<i>HVAC Systems</i>											
-	LPG Tank	1.00 ea	445.60 /ea	446	3,500.00 /ea	3,500	-		-	-	3,945.60 /ea	3,946
	<i>HVAC Systems</i>			446		3,500						3,946
	E Labor hours											
	MECHANICAL			446		3,500	0		0	0		3,946
	E Labor hours											

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
16000.00	ELECTRICAL											
16013.00	<i>Elec.- Power Distrib</i>											
-	60amps 12 ckt Panel MLO 120/208V 3 Ph 4-wire 10K C	1.00 ea	1,205.28 /ea	1,205	110.00 /ea	110	-	-	-	-	1,315.28 /ea	1,315
-	1-1/2" Power Feeder Emt Conduit Ftgs & Supports	10.00 lf	6.83 /lf	68	1.40 /lf	14	-	-	-	-	8.23 /lf	82
-	3/4" Panel ground Emt Conduit Ftgs & Supports	10.00 lf	4.821 /lf	48	0.71 /lf	7	-	-	-	-	5.531 /lf	55
-	#8 600V Copper Type Thhn, stranded	0.20 Clf	80.35 /Clf	16	34.00 /Clf	7	-	-	-	-	114.35 /Clf	23
-	#4 600V Copper Type Thhn, stranded	0.50 Clf	105.46 /Clf	53	75.00 /Clf	38	-	-	-	-	180.46 /Clf	90
	<i>Elec.- Power Distrib</i>			<u>1,391</u>		<u>175</u>						<u>1,566</u>
	27 Labor hours											
16400.00	<i>Power Distribution</i>											
-	Provide Vehicle Wash Equipment Connections	1.00 ls	803.52 /ls	804	500.00 /ls	500	-	-	-	-	1,303.52 /ls	1,304
-	20A Duplex Receptacle GFI/WP	1.00 ea	50.22 /ea	50	29.00 /ea	29	-	-	-	-	79.22 /ea	79
-	3/4" Equipment/Receptacle Branch Emt Conduit Ftgs	60.00 lf	4.821 /lf	289	0.70 /lf	42	-	-	-	-	5.521 /lf	331
-	#12 600V Copper type Thhn, stranded	1.80 Clf	60.27 /Clf	108	11.661 /Clf	21	-	-	-	-	71.93 /Clf	129
	<i>Power Distribution</i>			<u>1,251</u>		<u>592</u>						<u>1,843</u>
	24 Labor hours											
16500.00	<i>Lighting</i>											
-	Exterior wallpack w/PE cell	2.00 ea	120.53 /ea	241	113.12 /ea	226	-	-	-	-	233.65 /ea	467
-	Lighting Circuits Outlet Box	2.00 ea	10.05 /ea	20	2.00 /ea	4	-	-	-	-	12.05 /ea	24
-	3/4" EMT Conduit Fittings & Supports	40.00 lf	4.821 /lf	193	0.70 /lf	28	-	-	-	-	5.521 /lf	221
-	#12 600V Copper Type Thhn, stranded	1.00 Clf	60.26 /Clf	60	10.20 /Clf	10	-	-	-	-	70.46 /Clf	70
	<i>Lighting</i>			<u>514</u>		<u>268</u>						<u>783</u>
	1C Labor hours											
ELECTRICAL				3,156		1,036	0	0	0	0		4,192
	62 Labor hours											
H Maintenance Area				111,978		167,265	4,714		13,273	1,429		298,660
	2,541 Labor hours											
	323 Equipment hours											
I Burial Area												
2100.00	SITWORK											
2100.05	<i>Earthwork</i>											
	Compacted fill over Crypt	2,640.96 cy	11.43 /cy	30,172	-	-	-	-	21,008	-	19.38 /cy	51,179
	Compacted fill next to Crypt	1,918.27 cy	11.43 /cy	21,915	-	-	-	-	15,259	-	19.38 /cy	37,174
	<i>Earthwork</i>			<u>52,087</u>					<u>36,267</u>			<u>88,354</u>
	1,036 Labor hours											
	828 Equipment hours											
2143.00	<i>Dewater - Drainage Pipe</i>											
	4" Perf Drain Pipe under Crypts	17,568.48 lnft	0.58 /lnft	10,160	0.40 /lnft	7,027	-	-	-	-	0.98 /lnft	17,187

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total		
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount	
	Dewater - Drainage Pipe			10,160			7,027					17,187	
	25C Labor hours												
2144.00	Dewater - Gravel At Drain												
	3/4" Crushed Gravel under Crypts	2,361.22	cuyd	13.333 /cuyd	31,482	15.593 /cuyd	36,817	-		8,264	-	32.43 /cuyd	76,564
	Dewater - Gravel At Drain				31,482		36,817		8,264			76,564	
2144.20	Dewater - Slab Sand Fill												
	Sand Fill @ Crypt	660.24	cuyd	14.262 /cuyd	9,416	17.75 /cuyd	11,716	-		2,476	-	35.76 /cuyd	23,608
	Dewater - Slab Sand Fill				9,416		11,716		2,476			23,608	
	22C Labor hours												
	5E Equipment hours												
2145.00	Dewater - Filter Fabric												
	Filter Fabric	86,221.68	sqft	0.04 /sqft	3,490	0.16 /sqft	13,580	-		-	-	0.20 /sqft	17,070
	Dewater - Filter Fabric				3,490		13,580					17,070	
	86 Labor hours												
2210.01	Excav - Site Grading												
n -	Tree Removal	1.00	ls	3,646.88 /ls	3,647	500.00 /ls	500	-		2,720	252	7,118.94 /ls	7,119
-	Mass Grading	20,000.00	cy	0.854 /cy	17,080			-		20,320	1,380	1.94 /cy	38,780
-	Finish Grading	688,486.00	sf	0.03 /sf	19,966			-		13,081	1,377	0.05 /sf	34,424
-	Clear & Grub	19.00	Acre	289.71 /Acre	5,504			-		4,168	355	527.73 /Acre	10,027
	Excav - Site Grading				46,197		500		40,289	3,364		90,350	
	1 Labor hours												
	1 Equipment hours												
2511.00	Paving Asphalt												
-	Seal Coat	70,731.00	sf					10,610			424	0.16 /sf	11,034
-	Striping & Signage	1.00	ls					1,500			55	1,555.06 /ls	1,555
-	Aggregate Base Zone 1	2,836.00	Ton	2.413 /Ton	6,843	15.00 /Ton	42,540	-		4,560	1,977	19.72 /Ton	55,920
-	Aggregate Base Zone 2	2,395.00	Ton	2.413 /Ton	5,779	15.00 /Ton	35,925	-		3,851	1,669	19.72 /Ton	47,225
-	Asphalt Zone 1	515.690	Ton	3.33 /Ton	1,715	40.00 /Ton	20,628	-		2,500	910	49.94 /Ton	25,752
-	Asphalt Zone 2	552.68	Ton	3.33 /Ton	1,838	40.00 /Ton	22,107	-		2,679	975	49.94 /Ton	27,599
	Paving Asphalt				16,175		121,200	12,110	13,590	6,011		169,085	
2525.00	Paving Curbs & Gutters												
-	Roll Curb and Gutter	3,748.47	lf					71,221			1,409	19.38 /lf	72,630
-	6" Vertical Curb	2,441.300	lf					17,089			918	7.38 /lf	18,007
	Paving Curbs & Gutters							88,310		2,327		90,637	
2586.00	Excavate & Backfill Vault												
-	Mass Excavate for PC Vaults	23,000.00	cy	0.953 /cy	21,920	0.00	0	-		23,261	11,500	2.464 /cy	56,681
	Excavate & Backfill Vault				21,920				23,261	11,500		56,681	
	418 Labor hours												
	31E Equipment hours												
2611.02	12" Drain Pipe												
-	12" RCP Pipe	60.00	lf	18.764 /lf	1,126	13.00 /lf	780	-		450	86	40.71 /lf	2,442
-	24" RCP Pipe	265.00	lf	14.162 /lf	3,753	24.811 /lf	6,575	-		1,500	434	46.271 /lf	12,262
-	Drain Inlets	3.00	ea	562.92 /ea	1,689	800.00 /ea	2,400	-		540	170	1,599.56 /ea	4,799
-	Storm Drain Outfall w/SP	8.00	ea	562.92 /ea	4,503	250.00 /ea	2,000	-		1,440	292	1,029.38 /ea	8,235
	12" Drain Pipe				11,071		11,755		3,930	982		27,738	
2611.20	Sewer												
-	6" Sewer Pipe	363.21	lf	15.011 /lf	5,452	9.50 /lf	3,451	-		2,179	593	32.144 /lf	11,675
-	1500 Gal Septic Tank	1.00	ea	1,501.12 /ea	1,501	1,500.00 /ea	1,500	-		480	128	3,608.90 /ea	3,609
-	4" Leach Line	450.00	lf	8.34 /lf	3,753	8.333 /lf	3,750	-		1,500	330	20.74 /lf	9,333
	Sewer				10,706		8,700		4,159	1,051		24,617	

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
2611.30	<i>Domestic Water</i>											
-	8" Water Main	1,319.37 lf	6.41 /lf	8,453	13.33 /lf	17,586	-	3,379	1,079	23.12 /lf	30,497	
-	2" Water Service	1.00 ea	750.56 /ea	751	500.00 /ea	500	-	240	55	1,545.27 /ea	1,545	
-	2" Irrigation Service	4.00 ea	750.59 /ea	3,002	700.00 /ea	2,800	-	960	248	1,752.64 /ea	7,011	
	<i>Domestic Water</i>			12,206		20,886		4,579	1,382		39,053	
2611.40	<i>Fire Water</i>											
-	10" Water Main	1,319.37 lf	5.132 /lf	6,771	18.21 /lf	24,019	-	2,706	1,230	26.32 /lf	34,726	
-	6" DDCV W. FDC	1.00 ea	1,125.84 /ea	1,126	3,000.00 /ea	3,000	-	360	165	4,650.50 /ea	4,651	
-	20,000 Gal Water Tank for Fire Supression	1.00 ea					66,400			66,400.00 /ea	66,400	
	<i>Fire Water</i>			7,897		27,019	66,400	3,066	1,394		105,776	
2831.00	<i>Fence - Chain Link</i>											
	Fence ChainLink Vinyl Complete	2,417.93 lnft	5.241 /lnft	12,673	4.02 /lnft	9,720	-	5,295	-	11.451 /lnft	27,688	
	<i>Fence - Chain Link</i>			12,673		9,720		5,295			27,688	
	290. Labor hours											
2847.00	<i>Signs</i>											
-	Section Markers	17.00 ea	235.95 /ea	4,011	250.00 /ea	4,250	-	1,913	-	598.450 /ea	10,174	
	<i>Signs</i>			4,011		4,250		1,913			10,174	
	8E Labor hours											
	42 Equipment hours											
2900.01	<i>Landscape-General</i>											
-	Hydroseeded turf	580,000.00 sf				32,480	-	-	-	0.06 /sf	32,480	
-	Irrigation	580,000.00 sf			0.39 /sf	226,200	-	-	-	0.39 /sf	226,200	
-	15 Gallon Trees	354.00 ea				34,692	-	-	-	98.00 /ea	34,692	
-	Soil prep/fine grade	580,000.00 sqft				143,260	-	-	-	0.25 /sqft	143,260	
-	90 days Maintenance	1.00 ls				21,750	-	-	-	21,750.00 /ls	21,750	
	<i>Landscape-General</i>					226,200	232,182				458,382	
2921.00	<i>Landscape-Topsoil</i>											
	4" Topsoil over Crypt	879.44 cuyd	8.872 /cuyd	7,802	18.25 /cuyd	16,050	-	1,979	-	29.372 /cuyd	25,831	
	<i>Landscape-Topsoil</i>			7,802		16,050		1,979			25,831	
	17E Labor hours											
	43 Equipment hours											
SITWORK				257,294		515,421	399,002	149,067	28,012		1,348,795	
	2,56E Labor hours											
	1,28E Equipment hours											
10000.00	SPECIALTIES											
10430.01	<i>Signs</i>											
	Section Markers - Precast	17.00 each	152.162 /each	2,587	125.00 /each	2,125	-	1,339	-	355.912 /each	6,051	
	<i>Signs</i>			2,587		2,125		1,339			6,051	
	5E Labor hours											
	2E Equipment hours											
SPECIALTIES				2,587		2,125	0	1,339	0		6,051	
	5E Labor hours											
	2E Equipment hours											
13000.00	SPECIAL CONSTRUCTION											
13000.01	<i>Special Construction</i>											
-	Double Crypt Pre-Cast Vaults	2,560.00 each	39.78 /each	101,824	350.00 /each	896,000		73,600	53,760	439.53 /each	1,125,184	

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
<i>Special Construction</i>				<u>101,824</u>		<u>896,000</u>			<u>73,600</u>	<u>53,760</u>		<u>1,125,184</u>
	2,24C Labor hours											
	1,60C Equipment hours											
SPECIAL CONSTRUCTION				101,824		896,000	0		73,600	53,760		1,125,184
	2,24C Labor hours											
	1,60C Equipment hours											
I Burial Area				361,705		1,413,546	399,002		224,006	81,772		2,480,030
	4,863 Labor hours											
	2,914 Equipment hours											
J Cemetery Ceremonial & Parking Area												
2100.00 SITEWORK												
<i>2144.10 Dewater - Gravel at Slabs</i>												
	Crusher Run At Slab	172.724 cuyd	17.114 /cuyd	2,956	17.01 /cuyd	2,938	-		777	-	38.624 /cuyd	6,671
	<i>Dewater - Gravel at Slabs</i>			2,956		2,938			777			6,671
	6E Labor hours											
	17. Equipment hours											
<i>2220.25 Excav - Footings (Mach)</i>												
	Excavate Footing By Machine	13.34 cuyd	5.90 /cuyd	79	-	-	-		38	-	8.712 /cuyd	116
	Excavate Footing By Machine	10.24 cuyd	5.90 /cuyd	60	-	-	-		29	-	8.712 /cuyd	89
	Excavate Footing By Machine	11.052 cuyd	5.90 /cuyd	65	-	-	-		31	-	8.711 /cuyd	96
	<i>Excav - Footings (Mach)</i>			204					97			302
	4 Labor hours											
	2. Equipment hours											
<i>2220.40 Excav - Shape & Grade</i>												
	Shape & Grade Footing	2.16 sqs	19.19 /sqs	41	-	-	-		3	-	20.44 /sqs	44
	Shape & Grade Footing	1.66 sqs	19.192 /sqs	32	-	-	-		2	-	20.44 /sqs	34
	Shape & Grade Footing	1.79 sqs	19.19 /sqs	34	-	-	-		2	-	20.441 /sqs	37
	<i>Excav - Shape & Grade</i>			108					7			115
	2. Labor hours											
	1. Equipment hours											
<i>2220.45 Excav - Fine Grade</i>												
	Fine Grade Walks & Drives	139.91 sqs	17.291 /sqs	2,419	-	-	-		899	-	23.72 /sqs	3,319
	<i>Excav - Fine Grade</i>			2,419					899			3,319
	5E Labor hours											
	1E Equipment hours											
<i>2220.50 Backfill - Footing</i>												
	Backfill Footings by Machine	4.744 cuyd	16.60 /cuyd	79	0.53 /cuyd	2	-		30	-	23.371 /cuyd	111
	Backfill Footings by Machine	3.642 cuyd	16.60 /cuyd	60	0.524 /cuyd	2	-		23	-	23.37 /cuyd	85
	Backfill Footings by Machine	3.931 cuyd	16.594 /cuyd	65	0.524 /cuyd	2	-		25	-	23.37 /cuyd	92
	<i>Backfill - Footing</i>			204		6			77			288
	4 Labor hours											
	3 Equipment hours											
<i>2513.00 Paving Concrete</i>												
	Interlocking Concrete Pavers	16,608.95 sqft	4.37 /sqft	72,505	5.124 /sqft	85,104	-		4,614	-	9.77 /sqft	162,223
	<i>Paving Concrete</i>			72,505		85,104			4,614			162,223
	1,84E Labor hours											
	922 Equipment hours											
<i>2611.10 Area Drains</i>												
	Decomposed Granite Paving	9.21 cy	86.49 /cy	797	14.00 /cy	129	-		300	-	133.062 /cy	1,226

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	Area Drains			797		129			300			1,226
	1E Labor hours											
	12 Equipment hours											
2847.00	Signs											
n -	Cemetery Signs	2.00 ea	1,487.04 /ea	2,974	2,000.00 /ea	4,000	-		-	-	3,487.04 /ea	6,974
	Signs			2,974		4,000						6,974
	64 Labor hours											
2860.01	Site Equip-Playing Fields											
-	Bench Steel Frame Hardwood	8.00 each	25.00 /each	200	110.16 /each	881	-		-	-	135.16 /each	1,081
	Gate Operators	2.00 ea	955.00 /ea	1,910	4,100.00 /ea	8,200	-		-	-	5,055.00 /ea	10,110
	Site Equip-Playing Fields			2,110		9,081						11,191
	SITEWORK			84,278		101,259	0		6,772	0		192,308
	2,068 Labor hours											
	978 Equipment hours											
3000.00	CONCRETE											
3111.00	Forms - Footings											
	Keyway In Footing	72.00 Inft	0.581 /Inft	42	0.88 /Inft	63	-		-	-	1.46 /Inft	105
	Keyway In Footing	55.28 Inft	0.581 /Inft	32	0.88 /Inft	48	-		-	-	1.46 /Inft	81
	Keyway In Footing	59.67 Inft	0.581 /Inft	35	0.88 /Inft	52	-		-	-	1.46 /Inft	87
	Forms - Footings			109		164						272
	2 Labor hours											
3160.01	Forms - Screeds											
	Screeds	139.91 sqs	7.75 /sqs	1,084	2.06 /sqs	288	-		-	-	9.81 /sqs	1,372
	Forms - Screeds			1,084		288						1,372
	23 Labor hours											
3206.00	Rebar - Footings											
	Footing Rebar #4 Grade 40	234.00 Inft	0.19 /Inft	44	0.21 /Inft	48	-		-	-	0.394 /Inft	92
	Footing Rebar #4 Grade 40	180.56 Inft	0.19 /Inft	34	0.21 /Inft	37	-		-	-	0.394 /Inft	71
	Footing Rebar #4 Grade 40	194.34 Inft	0.19 /Inft	36	0.21 /Inft	40	-		-	-	0.394 /Inft	77
	Rebar - Footings			114		126						240
	2 Labor hours											
3219.10	Rebar - Dowels											
	No. 4x5' Long Dowel	36.00 each	0.50 /each	18	0.361 /each	13	-		-	-	0.861 /each	31
	No. 4x5' Long Dowel	28.00 each	0.50 /each	14	0.36 /each	10	-		-	-	0.86 /each	24
	No. 4x5' Long Dowel	30.00 each	0.50 /each	15	0.361 /each	11	-		-	-	0.861 /each	26
	Rebar - Dowels			47		34						81
3231.00	Rebar - Wiremesh Lump Sum											
v	Wiremesh 6x6 6/6	153.90 sqs	24.62 /sqs	3,788	14.94 /sqs	2,298	-		-	-	39.55 /sqs	6,087
	Rebar - Wiremesh Lump Sum			3,788		2,298						6,087
	84 Labor hours											
3306.00	Conc - Footings											
c	Footing Conc 3000 psi	8.00 cuyd	16.08 /cuyd	129	66.95 /cuyd	536	-		-	-	83.03 /cuyd	664
c	Footing Conc 3000 psi	6.142 cuyd	16.08 /cuyd	99	66.95 /cuyd	411	-		-	-	83.03 /cuyd	510
c	Footing Conc 3000 psi	6.63 cuyd	16.08 /cuyd	107	66.952 /cuyd	444	-		-	-	83.03 /cuyd	550
	Conc - Footings			334		1,391						1,725
	8 Labor hours											
3311.00	Conc - Walks											
c	Walk Conc 3000 psi	172.724 cuyd	30.15 /cuyd	5,207	66.95 /cuyd	11,564	-		-	-	97.10 /cuyd	16,771

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	Conc - Walks			5,207			11,564					16,771
	129. Labor hours											
3375.00	Finish - Protect & Cure											
	CS 309 Curing Compound	139.91 sqft	0.04 /sqft	5	0.031 /sqft	4	-		-	-	0.07 /sqft	9
	Finish - Protect & Cure			5		4						9
	0. Labor hours											
3380.01	Finish - General											
	Broom/Float Finish	13,990.67 sqft	0.494 /sqft	6,917	0.052 /sqft	721	-			-	0.55 /sqft	7,637
	Finish - General			6,917		721						7,637
	174. Labor hours											
	22 Equipment hours											
	CONCRETE			17,604		16,589	0		0	0		34,193
	425 Labor hours											
	22 Equipment hours											
4000.00	MASONRY											
4105.00	Mortar - All Types											
	Mortar Type "N"	1.09 cuyd	53.02 /cuyd	58	93.57 /cuyd	102	-		-	-	146.581 /cuyd	159
	Mortar Type "N"	0.12 cuyd	53.00 /cuyd	6	93.583 /cuyd	11	-		-	-	146.583 /cuyd	18
	Sand At Mortar	1.09 cuyd	40.15 /cuyd	44	14.11 /cuyd	15	-		4	-	58.254 /cuyd	63
	Sand At Mortar	0.12 cuyd	40.17 /cuyd	5	14.083 /cuyd	2	-		0	-	58.25 /cuyd	7
	Mortar - All Types			113		130			5			247
	3 Labor hours											
	0 Equipment hours											
4158.00	Reinforce: Horizontal Wall											
	t Horiz Wall Reinf 8" Truss	0.42 mlf	559.55 /mlf	235	299.262 /mlf	126	-		-	-	858.81 /mlf	361
	t Horiz Wall Reinf 8" Truss	0.054 mlf	559.63 /mlf	30	301.00 /mlf	16	-		-	-	860.56 /mlf	46
	Reinforce: Horizontal Wall			265		142						407
	6 Labor hours											
4221.15	Conc. Block - 8"											
	h Blk 8" Standard Face Lt Wt	499.00 each	4.461 /each	2,226	2.573 /each	1,284	-		-	-	7.033 /each	3,510
	h Blk 8" Standard Face Lt Wt	48.00 each	4.461 /each	214	2.573 /each	123	-		-	-	7.034 /each	338
	Conc. Block - 8"			2,440		1,407						3,847
	6C Labor hours											
4221.45	Conc. Block - 8" Lintel											
	h Lintel 8" Stand Face Lt Wt	53.00 each	5.02 /each	266	2.73 /each	145	-		-	-	7.75 /each	411
	h Lintel 8" Stand Face Lt Wt	14.00 each	5.02 /each	70	2.73 /each	38	-		-	-	7.75 /each	108
	Conc. Block - 8" Lintel			336		183						519
	ε Labor hours											
4424.00	Stone Slate											
	Stone Entry Walls	1,144.00 sqft	5.25 /sqft	6,006	8.93 /sqft	10,210	-		-	-	14.18 /sqft	16,216
	Stone Slate			6,006		10,210						16,216
4710.11	Cleaning - Rub Block											
	Rub Block	4.90 sqs	5.00 /sqs	25	1.051 /sqs	5	-		-	-	6.051 /sqs	30
	Rub Block	0.54 sqs	5.00 /sqs	3	1.06 /sqs	1	-		-	-	6.06 /sqs	3
	Cleaning - Rub Block			27		6						33
4731.50	Grout Fill Concrete											
	c Grout Fill 3000 psi, 1/2" Gravl	5.52 cuyd	197.562 /cuyd	1,091	94.50 /cuyd	522	-		130	-	315.591 /cuyd	1,742
	c Grout Fill 3000 psi, 1/2" Gravl	0.63 cuyd	197.57 /cuyd	123	94.464 /cuyd	59	-		15	-	315.57 /cuyd	197

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	<i>Grout Fill Concrete</i>			1,214		581			145			1,939
	2E Labor hours											
	7 Equipment hours											
MASONRY				10,401		12,659	0		149	0		23,210
	107. Labor hours											
	7. Equipment hours											
5000.00 METALS												
5510.50	<i>Misc - Roof Opening Frame</i>											
	Trellis - Prefinished Structural Aluminum	1,020.00 each	20.00 /each	20,400	25.00 /each	25,500	-		-	-	45.00 /each	45,900
	<i>Misc - Roof Opening Frame</i>			20,400		25,500						45,900
5705.00	<i>Decorative Metal Gate</i>											
	Decorative Black Metal Fence	8.00 Inft	43.68 /Inft	349	75.00 /Inft	600	-		-	-	118.68 /Inft	949
	- Gate Hardware	3.00 ea	100.00 /ea	300	250.00 /ea	750	-		-	-	350.00 /ea	1,050
	- Decorative Black Metal Gates	6.00 ea	100.00 /ea	600	850.00 /ea	5,100	-		-	-	950.00 /ea	5,700
	<i>Decorative Metal Gate</i>			1,249		6,450						7,699
	8 Labor hours											
5706.00	<i>Black Chain Link Fence</i>											
	Black Chain Link Fence	1,077.96 Inft	4.16 /Inft	4,484	25.00 /Inft	26,949	-		-	-	29.16 /Inft	31,433
	<i>Black Chain Link Fence</i>			4,484		26,949						31,433
	102. Labor hours											
METALS				26,133		58,899	0		0	0		85,032
	110. Labor hours											
10000.00 SPECIALTIES												
10000.01	<i>Specialties</i>											
	Install CA State Seal	1.00 each	371.76 /each	372	50.00 /each	50	-		-	-	421.76 /each	422
	Install Service Branch Seals	5.00 each	371.76 /each	1,859	50.00 /each	250	-		-	-	421.76 /each	2,109
	<i>Specialties</i>			2,231		300						2,531
	4E Labor hours											
10350.01	<i>Flagpoles</i>											
	Flagpole	3.00 each	582.00 /each	1,746	1,832.00 /each	5,496	-		-	-	2,414.00 /each	7,242
	- Flag Pole Sleeves for Future	52.00 each	47.19 /each	2,454	65.00 /each	3,380	-		130	-	114.69 /each	5,964
	<i>Flagpoles</i>			4,200		8,876			130			13,206
	52 Labor hours											
	2E Equipment hours											
10430.01	<i>Signs</i>											
	Concrete Post for Recess	1.00 each	152.16 /each	152	125.00 /each	125	-		79	-	355.91 /each	356
	Aluminum Sign - Precast											
	Traffic Directional Signs - Recess Precast	1.00 each	152.16 /each	152	200.00 /each	200	-		79	-	430.91 /each	431
	Stop Signs - Recess Precast	1.00 each	152.16 /each	152	200.00 /each	200	-		79	-	430.91 /each	431
	<i>Signs</i>			456		525			236			1,218
	1C Labor hours											
	5 Equipment hours											
SPECIALTIES				6,887		9,701	0		366	0		16,954
	11C Labor hours											
	31 Equipment hours											
16000.00 ELECTRICAL												

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
16001.00	<i>Service Entrance Power</i>											
-	Trench and Backfill for Power/Signal Distribution	130.00 lf	-	-	-	-	1,105	-	-	-	8.50 /lf	1,105
-	Coordinate Utilities	1.00 ls	803.52 /ls	804	-	-	-	-	-	-	803.52 /ls	804
-	UG warning tape	3.00 Clf	35.153 /Clf	105	7.00 /Clf	21	-	-	-	-	42.153 /Clf	126
-	HV hot line connection	1.00 ea	125.55 /ea	126	75.00 /ea	75	-	250	-	-	450.55 /ea	451
-	Pole mtd. Primary XMFR	1.00 ea	1,506.60 /ea	1,507	1,544.00 /ea	1,544	-	200	-	-	3,250.60 /ea	3,251
-	Pole cross arm and brace	1.00 each	75.33 /each	75	55.00 /each	55	-	100	-	-	230.33 /each	230
-	Pole insulated ground and driven ground rod	1.00 ea	125.55 /ea	126	57.00 /ea	57	-	20	-	-	202.55 /ea	203
-	4" Protected PVC pole riser w/ sealed service head lift	1.00 ls	803.52 /ls	804	350.00 /ls	350	-	100	-	-	1,253.52 /ls	1,254
-	LV cable splice at service riser 250 MCM	1.00 ls	200.88 /ls	201	100.00 /ls	100	-	20	-	-	320.88 /ls	321
-	Pole mtd. Fused cut-outs	2.00 ea	100.44 /ea	201	216.00 /ea	432	-	50	-	-	341.44 /ea	683
-	Power distribution 2-3" Schedule 40 PVC Conduit in Oper	130.00 lf	8.04 /lf	1,045	4.96 /lf	645	-	-	-	-	13.00 /lf	1,689
	<i>Service Entrance Power</i>			<u>4,992</u>		<u>3,279</u>	<u>1,105</u>		<u>740</u>			<u>10,116</u>
	9E Labor hours											
	2 Equipment hours											
16013.00	<i>Elec.- Power Distrib</i>											
	MSB 400amps 480/277V 3 Ph 4-wire Bus w/Pad & ground	1.00 each	2,008.80 /each	2,009	4,200.00 /each	4,200	250	100	-	-	6,558.80 /each	6,559
	Power distribution 2-3" Schedule 40 PVC Conduit	200.00 lnft	4.02 /lnft	804	4.96 /lnft	992	-	-	-	-	8.98 /lnft	1,796
	Pull-line in MT conduit	4.00 clf	20.09 /clf	80	10.00 /clf	40	-	-	-	-	30.09 /clf	120
	Underground pullbox - power	2.00 each	143.13 /each	286	180.00 /each	360	-	50	-	-	348.13 /each	696
	Trench and Backfill for Power Distribution	720.00 lnft					2,736	-	-	-	3.80 /lnft	2,736
	Power distribution 3" Schedule 40 PVC Conduit	80.00 lnft	2.01 /lnft	161	2.48 /lnft	198	-	-	-	-	4.49 /lnft	359
	#4 600V Copper Type Thhn, stranded	1.00 clf	52.73 /clf	53	75.00 /clf	75	-	-	-	-	127.73 /clf	128
	#350 600V Copper Type Thhn, stranded	3.00 clf	190.84 /clf	573	380.00 /clf	1,140	-	-	-	-	570.84 /clf	1,713
	Power distribution 1" Schedule 40 PVC Conduit	2,080.00 lnft	1.21 /lnft	2,507	0.60 /lnft	1,248	-	-	-	-	1.81 /lnft	3,755
	#8 600V Copper Type Thhn, stranded	10.00 clf	40.18 /clf	402	28.00 /clf	280	-	-	-	-	68.18 /clf	682
	#10 600V Copper Type Thhn, stranded	5.00 clf	35.154 /clf	176	15.00 /clf	75	-	-	-	-	50.154 /clf	251
	Pull-line in MT Conduit	16.00 clf	20.09 /clf	<u>321</u>	10.00 /clf	<u>160</u>	-	-	-	-	30.09 /clf	<u>481</u>
	<i>Elec.- Power Distrib</i>			<u>7,371</u>		<u>8,768</u>	<u>2,986</u>		<u>150</u>			<u>19,275</u>
	146 Labor hours											
16015.00	<i>Site Elec.- Site Signal</i>											
	Signal distribution 2" Schedule 40 PVC Conduit	850.00 lnft	1.51 /lnft	1,281	1.00 /lnft	850	-	-	-	-	2.51 /lnft	2,131
	Underground signal pullbox 24"x36"	2.00 each	200.88 /each	402	385.00 /each	770	-	100	-	-	635.88 /each	1,272
	Pullstring	9.00 clf	30.132 /clf	<u>271</u>	10.20 /clf	<u>92</u>	-	-	-	-	40.332 /clf	<u>363</u>
	<i>Site Elec.- Site Signal</i>			<u>1,954</u>		<u>1,712</u>			<u>100</u>			<u>3,765</u>
	3E Labor hours											
16017.00	<i>Site Elec.- Site Lighting</i>											
	Ground Mounted Flag Lights	12.00 each	125.55 /each	1,507	250.00 /each	3,000	600	-	-	-	425.55 /each	5,107
	Lighting pullbox	1.00 each	100.44 /each	100	125.00 /each	125	20	-	-	-	245.44 /each	245
	UG Lighting Branch circuitry w/trench & backfill	360.00 lnft	3.013 /lnft	1,085	1.20 /lnft	432	2,160	-	-	-	10.213 /lnft	3,677

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
	Site Elec.- Site Lighting			2,692			3,557	2,780				9,029
	53 Labor hours											
	ELECTRICAL			17,008			17,316	6,871	990	0		42,185
	33E Labor hours											
	2 Equipment hours											
	J Cemetery Ceremonial & Parking Area			162,311			216,423	6,871	8,277	0		393,882
	3,160 Labor hours											
	1,042 Equipment hours											
M	General Conditions											
1100.00	GENERAL REQUIREMENTS											
1101.00	Supervision											
	Superintendent	78.00	week	1,934.00 /week	150,852	-	-	-	9,516	-	2,056.00 /week	160,368
	Supervision				150,852				9,516			160,368
1131.00	Project Management											
	Project Manager	78.00	week	2,264.40 /week	176,623	-	-	-	2,340	-	2,294.40 /week	178,963
	Project Management				176,623				2,340			178,963
1341.00	Safety											
	Safety Meetings	78.00	week	-	-	-	-	-	-	3,120	40.00 /week	3,120
	Safety									3,120		3,120
1511.00	Temp - Utilities											
	Temp Electricity	18.00	mnth	-	-	-	-	-	-	3,600	200.00 /mnth	3,600
	Hook-up Phone	2.00	each	-	-	-	-	-	-	280	140.00 /each	280
	Temp Phone (Rent)	18.00	mnth	-	-	-	-	-	-	5,400	300.00 /mnth	5,400
	Temp Water	18.00	mnth	-	-	-	-	-	-	1,800	100.00 /mnth	1,800
n	Temp Toilet (Rent)	18.00	mnth	-	-	300.00 /mnth	5,400	-	-	-	300.00 /mnth	5,400
	Temp - Utilities				5,400					11,080		16,480
1521.00	Temp - Facilities											
	Tool Trailers	18.00	mnth	-	-	-	-	-	4,050	-	225.00 /mnth	4,050
n	Temp Fence (Own)	600.00	lnft	8.00 /lnft	4,800	12.00 /lnft	7,200	-	-	-	20.00 /lnft	12,000
	Temp - Facilities				4,800		7,200		4,050			16,050
1590.02	Supplies											
	Office Supplies	18.00	mnth	-	-	100.00 /mnth	1,800	-	-	-	100.00 /mnth	1,800
	Supplies						1,800					1,800
1591.00	Office Equipment											
	Office Trailer	18.00	mnth	-	-	-	-	-	6,300	-	350.00 /mnth	6,300
	Xerox machine	18.00	mnth	-	-	-	-	-	144	-	8.00 /mnth	144
	FAX machine	18.00	mnth	-	-	-	-	-	1,800	-	100.00 /mnth	1,800
	Personal Computer w/ modem	18.00	mnth	-	-	-	-	-	2,700	-	150.00 /mnth	2,700
	Job Sign (Buy New)	1.00	each	30.00 /each	30	200.00 /each	200	-	-	-	230.00 /each	230
	Office Equipment				30		200		10,944			11,174
1601.00	Tools & Equipment											
	Tools & Equipment	18.00	mnth	200.00 /mnth	3,600	1,050.00 /mnth	18,900	-	-	-	1,250.00 /mnth	22,500
	Tools & Equipment				3,600		18,900					22,500
1701.00	Layout											
	Layout (Own Forces)	4.00	each	2,000.00 /each	8,000	500.00 /each	2,000	-	-	-	2,500.00 /each	10,000
	Layout				8,000		2,000					10,000

* Information Only

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Item	Description	Takeoff Qty	Labor		Material		Subcontract		Equipment	Other	Total	
			Unit Cost	Amount	Unit Cost	Amount	Amount	Name	Amount	Amount	Unit Cost	Amount
1701.10	Surveying											
-	Survey and Stake	22.28	acre	714.00 /acre	15,908	45.00 /acre	1,003	-	-	-	759.00 /acre	16,911
	Surveying				15,908		1,003					16,911
1705.00	Clean Up											
	Current Cleanup	78.00	week	250.00 /week	19,500	50.00 /week	3,900	-	-	-	300.00 /week	23,400
	Rent Dumpster	14.00	mnth	-	-	-	-	-	7,840	-	560.00 /mnth	7,840
	Final Cleanup	4.00	each	2,500.00 /each	10,000	200.00 /each	800	-	-	-	2,700.00 /each	10,800
	Clean Up				29,500		4,700		7,840			42,040
1801.00	Insurance											
	Builders Risk Insurance	1.00	lsum	-	-	-	-	-	-	12,000	12,000.00 /lsum	12,000
	Insurance									12,000		12,000
1835.00	Business License											
	Business License County	1.00	lsum	-	-	-	-	-	-	200	200.00 /lsum	200
	Business License									200		200
GENERAL REQUIREMENTS					389,313		41,203	0		34,690	26,400	491,606
M General Conditions					389,313		41,203	0		34,690	26,400	491,606

Estimate Totals

Labor	1,475,964	20,262.975	hrs	24.04%
Material	2,237,345			36.44%
Subcontract	466,861			7.60%
Equipment	293,686	4,521.932	hrs	4.78%
Other	112,903			1.84%
	4,586,759	4,586,759		74.71%
Sales Tax - Allocatable	158,929	7.750	%	2.59%
	158,929	4,745,688		2.59%
Design Contingency	458,676	10.000	%	7.47%
Escalation Factor	71,185	1.500	%	1.16%
	529,861	5,275,549		8.63%
Mark-up on Subs Div 2	249,933	15.000	%	4.07%
Subs Profit Markup Div 7-12	55,125	15.000	%	0.90%
Sub Profit Markups Div 15-16	61,450	15.000	%	1.00%
	366,508	5,642,057		5.97%
Overhead	169,262	3.000	%	2.76%
Profit	282,103	5.000	%	4.60%
	451,365	6,093,422		7.35%
Surety Bond	45,701	0.750	%	0.74%
	45,701	6,139,123		0.74%
Total		6,139,123		100.00%