PROJECT	MACDILL AIR FORCE BASE
ADDRESS	TAMPA, FLORIDA

DESCRIPTION		TOTAL HOURS	LABOR INCL. O&P	MATERIAL INCL O&P	SUBTOTAL INCL O&P
BASE BID					
BUILDING CONCRETE HANGER 1		12600 HRS	$ 1,507,220	$ 1,619,888	$ 3,127,108
BUILDING CONCRETE HANGER 4		12551 HRS	$ 1,481,838	$ 1,622,109	$ 3,103,947
BUILDING CONCRETE HANGER 5		11691 HRS	$ 1,378,462	$ 1,471,423	$ 2,849,885
Subtotal		36842 HRS	$ 4,367,520	$ 4,713,420	$ 9,080,940
Sales Tax	6.63%			$ 260,220	$ 260,220
TOTAL BASE BID (INCL. OVERHEAD AND PROFIT)			$ 4,367,520	$ 4,973,640	$ 9,341,160

TOTAL HRS (ASSUMED 3 LABORS CREW)	36842 HRS
TOTAL LABOR COST INCL O&P	$ 4,367,520
TOTAL MATERIAL COST INCL O,P&TAX	$ 4,973,640

See next tab for detailed take-offs.

PROJECT	MACDILL AIR FORCE BASE	Email	support@aconengineering.com		Pricing cells
ADDRESS	TAMPA, FLORIDA	PH #			Confirm pricing
DUE DATE	10/28/2025	Website	http://aconengineering.com/		Please Add/Confirm Price
DATE ON PLANS	8/18/2025	Concrete (5000 PSI)	1737	CY	
ADDENDUM UPDATE	Not Issued	Rebars	170	TONS	
		6x6xW2.0xW2.0 WWF		SF	
Total Base bid	$3,216,539	CONCRETE HANGER 1			

O&P
20.00%

ACON ENGINEERING

SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	LABOR/ EQUIP. COST	MATERIAL COST	SUBCONT. COST	UNIT MANHOURS	HOURLY WAGE	TOTAL HOURS	TOTAL LABOR	TOTAL MATERIAL COST	TOTAL SUB CONTRACTOR	TOTAL UNIT COST	TOTAL COST	SUBTOTALS
				BUILDING CONCRETE																
				LAYOUT																
1				Layout & Job planning	1	0%	1	LS	$ 185,000.00	$ -	$ -	0.00 HRS	$ -	0.00 HRS	$ 222,000.00	$ -	$ -	$ 222,000.00	$ 222,000	
				Sub Total											$ 222,000	$ -	$ -			$ 222,000
				FOUNDATION PLAN																
				PAD FOOTINGS																
2	S101	J12/S533		Concrete (5000 Psi)	1	10%	1	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	2.25 HRS	$ 229.24	$ 388.24	$ -	$ 505.21	$ 617	
3	S101	J12/S533		Reinforcement	215	10%	237	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	4.04 HRS	$ 412.20	$ 702.16	$ -	$ 4.70	$ 1,114	
4	S101	J12/S533		Formwork, Pad footings	27	10%	30	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	2.89 HRS	$ 294.39	$ -	$ -	$ 9.91	$ 294	
5	S101	J12/S533		Excavation	3	10%	4	CY	$ 51.20	$ -	$ -	0.60 HRS	$ 85	2.21 HRS	$ 225.28	$ -	$ -	$ 61.44	$ 225	
6	S101	J12/S533		Backfill	2	10%	2	CY	$ 43.59	$ -	$ -	0.51 HRS	$ 85	1.25 HRS	$ 127.86	$ -	$ -	$ 52.31	$ 128	
				Please see next tab for detailed calculations																
				Sub Total											$ 1,289	$ 1,090	$ -			$ 2,379
				PILE CAPS																
7	S105	K4/S531		Concrete (5000 Psi)	885	10%	973	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	1790.06 HRS	$ 182,586.60	$ 309,229.05	$ -	$ 505.21	$ 491,816	
8	S105	K4/S531		Reinforcement	180069	10%	198,076	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	3378.94 HRS	$ 344,652.35	$ 587,097.46	$ -	$ 4.70	$ 931,750	
9	S105	K4/S531		Formwork, Pile Caps	3575	10%	3,933	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	382.17 HRS	$ 38,981.01	$ -	$ -	$ 9.91	$ 38,981	
10	S105	K4/S531		Excavation	1378	10%	1,516	CY	$ 51.20	$ -	$ -	0.60 HRS	$ 85	913.18 HRS	$ 93,143.89	$ -	$ -	$ 61.44	$ 93,144	
11	S105	K4/S531		Backfill	507	10%	558	CY	$ 43.59	$ -	$ -	0.51 HRS	$ 85	286.17 HRS	$ 29,189.01	$ -	$ -	$ 52.31	$ 29,189	
				THICKENED EDGE **L=25'-4"** **W=3'-6"** **D=2'**																
12	S105	K4/S531		Concrete (5000 Psi)	7	10%	7	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	13.30 HRS	$ 1,356.49	$ 2,297.35	$ -	$ 505.21	$ 3,654	
13	S105	K4/S531		(9) #5 Cont. Bar	276	10%	304	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	5.18 HRS	$ 528.54	$ 900.34	$ -	$ 4.70	$ 1,429	
14	S105	K4/S531		#5 @ 12" O.C Dowel	295	10%	325	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	5.54 HRS	$ 564.64	$ 961.83	$ -	$ 4.70	$ 1,526	
				Please see next tab for detailed calculations																
				Sub Total											$ 691,003	$ 900,486	$ -			$ 1,591,489
				TIE BEAMS																
15	S101	A1/S523		Concrete (5000 Psi)	116	10%	127	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	233.91 HRS	$ 23,859.26	$ 40,408.10	$ -	$ 505.21	$ 64,267	
16	S101	A1/S523		Reinforcement (Tension Ties)	27817	10%	30,599	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	521.98 HRS	$ 53,241.49	$ 90,694.12	$ -	$ 4.70	$ 143,936	
17	S101	A1/S523		Reinforcement	5595	10%	6,155	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	105.00 HRS	$ 10,709.70	$ 18,243.42	$ -	$ 4.70	$ 28,953	
18	S101	A1/S523		Formwork Beams	1702	10%	1,872	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	181.89 HRS	$ 18,552.64	$ -	$ -	$ 9.91	$ 18,553	
19	S101	A1/S523		Excavation	167	10%	183	CY	$ 51.20	$ -	$ -	0.60 HRS	$ 85	110.36 HRS	$ 11,257.02	$ -	$ -	$ 61.44	$ 11,257	
20	S101	A1/S523		Backfill	133	10%	146	CY	$ 43.59	$ -	$ -	0.51 HRS	$ 85	74.76 HRS	$ 7,625.63	$ -	$ -	$ 52.31	$ 7,626	
				Please see next tab for detailed calculations																
				Sub Total											$ 125,246	$ 149,346	$ -			$ 274,591
				CONCRETE WALLS																
21	S101	A12/S533		Concrete (5000 Psi)	19	10%	20	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	37.64 HRS	$ 3,839.77	$ 6,503.04	$ -	$ 505.21	$ 10,343	
22	S101	A12/S533		Reinforcement	5055	10%	5,560	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	94.85 HRS	$ 9,674.69	$ 16,480.34	$ -	$ 4.70	$ 26,155	
23	S101	A12/S533		Formwork Walls	1005	10%	1,106	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	107.43 HRS	$ 10,957.72	$ -	$ -	$ 9.91	$ 10,958	
				Please see next tab for detailed calculations																
				Sub Total											$ 24,472	$ 22,983	$ -			$ 47,456
				CONCRETE PEDESTALS																
24	S101	J12/S533		Concrete (5000 Psi)	1	10%	0.9	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	1.63 HRS	$ 165.82	$ 280.83	$ -	$ 505.21	$ 447	
25	S101	J12/S533		Reinforcement	275	10%	303	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	5.16 HRS	$ 526.77	$ 897.32	$ -	$ 4.70	$ 1,424	
26	S101	J12/S533		Formwork Padestal	30	10%	33	SFCA	$ 8	$ -	$ -	0.10 HRS	$ 85	3.25 HRS	$ 331.24	$ -	$ -	$ 9.91	$ 331	
				Please see next tab for detailed calculations																
				Sub-Total											$ 1,024	$ 1,178	$ -			$ 2,202
				FOUNDATION PLAN																
				SLABS ON GRADE																
				8" SLAB ON GRADE																
27	S115	Plan	28 CY	8" Slab W/ #6 @ 12" O.C EW Bars	1035	10%	1,138	SF	$ 4.16	$ 7.29	$ -	0.05 HRS	$ 85	55.71 HRS	$ 5,682.62	$ 9,958.25	$ -	$ 13.74	$ 15,641	
28	S115	Plan		#6 @ 12" O.C EW Bars	3702	10%	4,072	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	69.46 HRS	$ 7,085.32	$ 12,069.48	$ -	$ 4.70	$ 19,155	
29	S115	Plan		Vapor Barrier	1035	10%	1,138	SF	$ 0.67	$ 0.77	$ -	0.01 HRS	$ 85	8.97 HRS	$ 915.23	$ 1,051.83	$ -	$ 1.73	$ 1,967	
30	S115	Plan		Compacted Fill	1035	10%	1,138	SF	$ 0.75	$ -	$ -	0.01 HRS	$ 85	10.04 HRS	$ 1,024.51	$ -	$ -	$ 0.90	$ 1,025	

SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	LABOR/ EQUIP. COST	MATERIAL COST	SUBCONT. COST	UNIT MANHOURS	HOURLY WAGE	TOTAL HOURS	TOTAL LABOR	TOTAL MATERIAL COST	TOTAL SUB CONTRACTOR	TOTAL UNIT COST	TOTAL COST	SUBTOTALS
31	S115	Plan		Sawcut Control Joint	166	10%	182	LF	$ 1.40	$ -	$ -	0.02 HRS	$ 85	3.00 HRS	$ 305.99	$ -	$ -	$ 1.68	$ 306	
32	S115	Plan		Expansion Joint	83	10%	91	LF	$ 1.16	$ 1.42	$ -	0.01 HRS	$ 85	1.24 HRS	$ 126.77	$ 155.18	$ -	$ 3.10	$ 282	
33	S115	Plan		8" Edge Form	306	10%	337	LF	$ 6.85	$ 2.73	$ -	0.08 HRS	$ 85	27.13 HRS	$ 2,766.85	$ 1,102.70	$ -	$ 11.50	$ 3,870	
				8" SLAB ON GRADE																
34	S115	Plan	**179 CY**	8" Slab W/ #6 @ 12" O.C EW Bars	6599	10%	7,259	SF	$ 4.16	$ 7.29	$ -	0.05 HRS	$ 85	355.28 HRS	$ 36,238.35	$ 63,504.23	$ -	$ 13.74	$ 99,743	
35	S115	Plan		#6 @ 12" O.C EW Bars	23607	10%	25,967	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	442.97 HRS	$ 45,183.41	$ 76,967.61	$ -	$ 4.70	$ 122,151	
36	S115	Plan		Vapor Barrier	6599	10%	7,259	SF	$ 0.67	$ 0.77	$ -	0.01 HRS	$ 85	57.22 HRS	$ 5,836.47	$ 6,707.58	$ -	$ 1.73	$ 12,544	
37	S115	Plan		Compacted Fill	6599	10%	7,259	SF	$ 0.75	$ -	$ -	0.01 HRS	$ 85	64.05 HRS	$ 6,533.36	$ -	$ -	$ 0.90	$ 6,533	
38	S115	Plan		Sawcut Control Joint	1056	10%	1,161	LF	$ 1.40	$ -	$ -	0.02 HRS	$ 85	19.13 HRS	$ 1,951.30	$ -	$ -	$ 1.68	$ 1,951	
39	S115	Plan		Expansion Joint	528	10%	581	LF	$ 1.16	$ 1.42	$ -	0.01 HRS	$ 85	7.93 HRS	$ 808.39	$ 989.59	$ -	$ 3.10	$ 1,798	
40	S115	Plan		8" Edge Form	490	10%	539	LF	$ 6.85	$ 2.73	$ -	0.08 HRS	$ 85	43.44 HRS	$ 4,430.58	$ 1,765.76	$ -	$ 11.50	$ 6,196	
				12.5" SLAB ON GRADE																
41	S115	Plan	**255 CY**	12.5" Concrete Slab at Keel section W/ #6 @ 12" O.C EW T&B Bars	6020	10%	6,622	SF	$ 5.94	$ 10.26	$ -	0.07 HRS	$ 85	462.74 HRS	$ 47,199.34	$ 81,526.14	$ -	$ 19.44	$ 128,725	
42	S115	Plan		#6 @ 12" O.C EW T&B Bars	43067	10%	47,373	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	808.13 HRS	$ 82,429.65	$ 140,414.64	$ -	$ 4.70	$ 222,844	
43	S115	Plan		Vapor Barrier	6020	10%	6,622	SF	$ 0.67	$ 0.77	$ -	0.01 HRS	$ 85	52.19 HRS	$ 5,323.83	$ 6,118.43	$ -	$ 1.73	$ 11,442	
44	S115	Plan		Compacted Fill	6020	10%	6,622	SF	$ 0.75	$ -	$ -	0.01 HRS	$ 85	58.43 HRS	$ 5,959.51	$ -	$ -	$ 0.90	$ 5,960	
45	S115	Plan		Sawcut Control Joint	963	10%	1,059	LF	$ 1.40	$ -	$ -	0.02 HRS	$ 85	17.45 HRS	$ 1,779.91	$ -	$ -	$ 1.68	$ 1,780	
46	S115	Plan		Expansion Joint	482	10%	530	LF	$ 1.16	$ 1.42	$ -	0.01 HRS	$ 85	7.23 HRS	$ 737.39	$ 902.67	$ -	$ 3.10	$ 1,640	
47	S115	Plan		8" Edge Form	490	10%	539	LF	$ 6.85	$ 2.73	$ -	0.08 HRS	$ 85	43.44 HRS	$ 4,430.58	$ 1,765.76	$ -	$ 11.50	$ 6,196	
48	S115	Plan		Formwork	719	10%	791	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	76.83 HRS	$ 7,836.68	$ -	$ -	$ 9.91	$ 7,837	
				Sub Total											**$ 274,586**	**$ 405,000**	**$ -**			**$ 679,586**
				EQUIPMENT PADS																
				24" THICK EQUIPMENT PAD																
49	S103	Plan	**14 CY**	24" Thick Equipment Pad W/ #7 @ 10" O.C EW T&B Bars	167	10%	184	SF	$ 9.20	$ 22.94	$ -	0.11 HRS	$ 85	19.86 HRS	$ 2,026.10	$ 5,052.05	$ -	$ 38.57	$ 7,078	
50	S103	Plan		#7 @ 10" O.C EW T&B Bars	1664	10%	1,831	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	31.23 HRS	$ 3,185.24	$ 5,425.90	$ -	$ 4.70	$ 8,611	
51	S103	Plan		Formwork	110	10%	121	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	11.76 HRS	$ 1,199.35	$ -	$ -	$ 9.91	$ 1,199	
				6" THICK EQUIPMENT PAD																
52	S103	Plan	**8 CY**	6" Concrete Pad @ Mechanical Area	416	10%	457	SF	$ 3.20	$ 5.63	$ -	0.04 HRS	$ 85	17.21 HRS	$ 1,755.87	$ 3,089.24	$ -	$ 10.60	$ 4,845	
53	S103	Plan		#6 @ 12" O.C EW Bars	1487	10%	1,636	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	27.90 HRS	$ 2,846.08	$ 4,848.15	$ -	$ 4.70	$ 7,694	
54	S103	Plan		6" Edge Form	117	10%	129	LF	$ 5.24	$ 1.64	$ -	0.06 HRS	$ 85	7.93 HRS	$ 809.27	$ 253.28	$ -	$ 8.26	$ 1,063	
				Sub Total											**$ 11,822**	**$ 18,669**	**$ -**			**$ 30,491**
				CONCRETE CURBS																
				CONCRETE CURB **L=501'** **W=0'-8"** **D=0'-5"**																
55	S112	F1/S555		Concrete (5000 Psi)	5	10%	6	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	10.56 HRS	$ 1,077.41	$ 1,824.71	$ -	$ 505.21	$ 2,902	
56	S112	F1/S555		(2) #5 Cont. Bar	1212	10%	1,334	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	22.75 HRS	$ 2,320.62	$ 3,953.06	$ -	$ 4.70	$ 6,274	
57	S112	F1/S555		#5 @ 12" O.C Dowel	1215	10%	1,336	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	22.80 HRS	$ 2,325.25	$ 3,960.94	$ -	$ 4.70	$ 6,286	
				CONCRETE CURB **L=240'** **W=0'-10"** **D=1'-0"**																
58	S112	G8/S522		Concrete (5000 Psi)	7	10%	8	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	14.92 HRS	$ 1,522.15	$ 2,577.92	$ -	$ 505.21	$ 4,100	
59	S112	G8/S522		(2) #6 Cont. Bar	859	10%	945	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	16.12 HRS	$ 1,643.81	$ 2,800.15	$ -	$ 4.70	$ 4,444	
60	S112	G8/S522		#4 @ 12" O.C Dowel	1578	10%	1,736	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	29.61 HRS	$ 3,019.92	$ 5,144.27	$ -	$ 4.70	$ 8,164	
				Sub Total											**$ 11,909**	**$ 20,261**	**$ -**			**$ 32,170**
			LEVEL 2																	
				COMPOSITE DECK																
				3.75" CONCRETE SLAB OVER 1.5" METAL DECK																
61	S121	Plan	**108 CY**	3.75" Concrete over 1.5" Metal Deck W/ #4 @ 12" O.C EW Bars	7043	10%	7,747	SF	$ 1.98	$ 3.34	$ -	0.02 HRS	$ 85	180.46 HRS	$ 18,406.83	$ 31,049.90	$ -	$ 6.38	$ 49,457	
62	S121	Plan		#4 @ 12" O.C EW Bars	10632	10%	11,695	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	199.51 HRS	$ 20,350.10	$ 34,665.35	$ -	$ 4.70	$ 55,015	
63	S121	Plan		5" Pour Stop	690	10%	759	LF	$ 2.10	$ 3.82	$ -	0.02 HRS	$ 85	18.75 HRS	$ 1,912.68	$ 3,479.26	$ -	$ 7.10	$ 5,392	
				Sub Total											**$ 40,670**	**$ 69,195**	**$ -**			**$ 109,864**
				MISC. INSTALLATION																
64				Misc. Coordinated Installations	1	0%	1	LS	$ 11,000.00	$ 26,400.00	$ -	129.41 HRS	$ 85	129.41 HRS	$ 13,200.00	$ 31,680.00	$ -	$ 44,880.00	$ 44,880	
				Sub Total											**$ 13,200**	**$ 31,680**	**$ -**			**$ 44,880**
				SPOIL HAULAGE																

SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	LABOR/ EQUIP. COST	MATERIAL COST	SUBCONT. COST	UNIT MANHOURS	HOURLY WAGE	TOTAL HOURS	TOTAL LABOR	TOTAL MATERIAL COST	TOTAL SUB CONTRACTOR	TOTAL UNIT COST	TOTAL COST	SUBTOTALS
65			**996 CY**	Loads to be Hauled away (20 CY/Load)	50	0%	50	LOADS	$ 1,500.00	$ -	$ -	17.65 HRS	$ 85	882.35 HRS	$ 90,000.00	$ -	$ -	$ 1,800.00	$ 90,000	
				Sub Total											**$ 90,000**	**$ -**	**$ -**			**$ 90,000**
														TOTAL HOURS	**TOTAL LABOR/EQUIP. COST**	**TOTAL MATERIAL COST**	**TOTAL SUBCONTRACTOR COST**			
TOTAL														**12600.20 HRS**	**$ 1,507,220**	**$ 1,619,888**	**$ -**		**$ 3,127,108**	**$ 3,127,108**
SALES & USE TAX (MATERIAL)																		**6.63%**	**$ 89,431**	**$ 89,431**
BUILDING CONCRETE HANGER 1																			**$ 3,216,539**	**$ 3,216,539**

EXCLUSIONS
Waterproofing
Rigid Insulation
Grounding Wire

PROJECT	MACDILL AIR FORCE BASE	Email	support@aconengineering.com
ADDRESS	TAMPA, FLORIDA	PH #	
DUE DATE	10/28/2025	Website	http://aconengineering.com/
DATE ON PLANS	8/18/2025		
ADDENDUM UPDATE	Not Issued		
Total Base bid	$3,193,501		

Concrete (5000 PSI)	1783	CY
Rebars	170	TONS
6x6xW2.0xW2.0 WWF		SF

	Pricing cells
	Confirm pricing
	Please Add/Confirm Price

O&P
20.00%

ACON ENGINEERING

CONCRETE HNAGER 4

SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	LABOR/ EQUIP. COST	MATERIAL COST	SUBCONT. COST	UNIT MANHOURS	HOURLY WAGE	TOTAL HOURS	TOTAL LABOR	TOTAL MATERIAL COST	TOTAL SUB CONTRACTOR	TOTAL UNIT COST	TOTAL COST	SUBTOTALS
				BUILDING CONCRETE																
				LAYOUT																
1				Layout & Job planning	1	0%	1	LS	$ 168,000.00	$ -	$ -	0.00 HRS	$ -	0.00 HRS	$ 201,600.00	$ -	$ -	$ 201,600.00	$ 201,600	
				Sub Total											$ 201,600	$ -	$ -			$ 201,600
				FOUNDATION PLAN																
				PAD FOOTINGS																
2	S101	J12/S533		Concrete (5000 Psi)	1	10%	1	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	2.25 HRS	$ 229.24	$ 388.24	$ -	$ 505.21	$ 617	
3	S101	J12/S533		Reinforcement	215	10%	237	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	4.04 HRS	$ 412.20	$ 702.16	$ -	$ 4.70	$ 1,114	
4	S101	J12/S533		Formwork, Pad footings	27	10%	30	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	2.89 HRS	$ 294.39	$ -	$ -	$ 9.91	$ 294	
5	S101	J12/S533		Excavation	3	10%	4	CY	$ 51.20	$ -	$ -	0.60 HRS	$ 85	2.21 HRS	$ 225.28	$ -	$ -	$ 61.44	$ 225	
6	S101	J12/S533		Backfill	2	10%	2	CY	$ 43.59	$ -	$ -	0.51 HRS	$ 85	1.25 HRS	$ 127.86	$ -	$ -	$ 52.31	$ 128	
				Please see next tab for detailed calculations																
				Sub Total											$ 1,289	$ 1,090	$ -			$ 2,379
				PILE CAPS																
7	S105	K4/S531		Concrete (5000 Psi)	890	10%	979	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	1799.80 HRS	$ 183,579.67	$ 310,910.91	$ -	$ 505.21	$ 494,491	
8	S105	K4/S531		Reinforcement	180069	10%	198,076	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	3378.94 HRS	$ 344,652.35	$ 587,097.46	$ -	$ 4.70	$ 931,750	
9	S105	K4/S531		Formwork, Pile Caps	3575	10%	3,933	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	382.17 HRS	$ 38,981.01	$ -	$ -	$ 9.91	$ 38,981	
10	S105	K4/S531		Excavation	1387	10%	1,525	CY	$ 51.20	$ -	$ -	0.60 HRS	$ 85	918.75 HRS	$ 93,712.35	$ -	$ -	$ 61.44	$ 93,712	
11	S105	K4/S531		Backfill	510	10%	561	CY	$ 43.59	$ -	$ -	0.51 HRS	$ 85	287.76 HRS	$ 29,351.14	$ -	$ -	$ 52.31	$ 29,351	
				THICKENED EDGE **L=25'-4"** **W=3'-6"** **D=2'**																
12	S105	K4/S531		Concrete (5000 Psi)	7	10%	7	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	13.30 HRS	$ 1,356.49	$ 2,297.35	$ -	$ 505.21	$ 3,654	
13	S105	K4/S531		(9) #5 Cont. Bar	276	10%	304	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	5.18 HRS	$ 528.54	$ 900.34	$ -	$ 4.70	$ 1,429	
14	S105	K4/S531		#5 @ 12" O.C Dowel	295	10%	325	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	5.54 HRS	$ 564.64	$ 961.83	$ -	$ 4.70	$ 1,526	
				Please see next tab for detailed calculations																
				Sub Total											$ 692,726	$ 902,168	$ -			$ 1,594,894
				TIE BEAMS																
15	S101	A1/S523		Concrete (5000 Psi)	116	10%	127	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	233.83 HRS	$ 23,851.06	$ 40,394.20	$ -	$ 505.21	$ 64,245	
16	S101	A1/S523		Reinforcement (Tension Ties)	27817	10%	30,599	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	521.98 HRS	$ 53,241.49	$ 90,694.12	$ -	$ 4.70	$ 143,936	
17	S101	A1/S523		Reinforcement	5595	10%	6,155	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	105.00 HRS	$ 10,709.70	$ 18,243.42	$ -	$ 4.70	$ 28,953	
18	S101	A1/S523		Formwork Beams	1701	10%	1,871	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	181.83 HRS	$ 18,546.26	$ -	$ -	$ 9.91	$ 18,546	
19	S101	A1/S523		Excavation	167	10%	183	CY	$ 51.20	$ -	$ -	0.60 HRS	$ 85	110.36 HRS	$ 11,257.02	$ -	$ -	$ 61.44	$ 11,257	
20	S101	A1/S523		Backfill	133	10%	146	CY	$ 43.59	$ -	$ -	0.51 HRS	$ 85	74.76 HRS	$ 7,625.63	$ -	$ -	$ 52.31	$ 7,626	
				Please see next tab for detailed calculations																
				Sub Total											$ 125,231	$ 149,332	$ -			$ 274,563
				CONCRETE WALLS																
21	S101	A12/S533		Concrete (5000 Psi)	19	10%	21	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	37.78 HRS	$ 3,853.52	$ 6,526.34	$ -	$ 505.21	$ 10,380	
22	S101	A12/S533		Reinforcement	5073	10%	5,580	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	95.19 HRS	$ 9,709.20	$ 16,539.12	$ -	$ 4.70	$ 26,248	
23	S101	A12/S533		Formwork Walls	1009	10%	1,109	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	107.81 HRS	$ 10,996.97	$ -	$ -	$ 9.91	$ 10,997	
				Please see next tab for detailed calculations																
				Sub Total											$ 24,560	$ 23,065	$ -			$ 47,625
				CONCRETE PEDESTALS																
24	S101	J12/S533		Concrete (5000 Psi)	1	10%	0.9	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	1.63 HRS	$ 165.82	$ 280.83	$ -	$ 505.21	$ 447	
25	S101	J12/S533		Reinforcement	275	10%	303	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	5.16 HRS	$ 526.77	$ 897.32	$ -	$ 4.70	$ 1,424	
26	S101	J12/S533		Formwork Padestal	30	10%	33	SFCA	$ 8	$ -	$ -	0.10 HRS	$ 85	3.25 HRS	$ 331.24	$ -	$ -	$ 9.91	$ 331	
				Please see next tab for detailed calculations																
				Sub-Total											$ 1,024	$ 1,178	$ -			$ 2,202
				FOUNDATION PLAN																
				SLABS ON GRADE																
				8" SLAB ON GRADE																
27	S115	Plan	5 CY	8" Slab W/ #6 @ 12" O.C EW Bars	188	10%	207	SF	$ 4.16	$ 7.29	$ -	0.05 HRS	$ 85	10.13 HRS	$ 1,032.78	$ 1,809.86	$ -	$ 13.74	$ 2,843	
28	S115	Plan		#6 @ 12" O.C EW Bars	673	10%	740	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	12.62 HRS	$ 1,287.72	$ 2,193.56	$ -	$ 4.70	$ 3,481	
29	S115	Plan		Vapor Barrier	188	10%	207	SF	$ 0.67	$ 0.77	$ -	0.01 HRS	$ 85	1.63 HRS	$ 166.34	$ 191.16	$ -	$ 1.73	$ 358	
30	S115	Plan		Compacted Fill	188	10%	207	SF	$ 0.75	$ -	$ -	0.01 HRS	$ 85	1.83 HRS	$ 186.20	$ -	$ -	$ 0.90	$ 186	

SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	LABOR/ EQUIP. COST	MATERIAL COST	SUBCONT. COST	UNIT MANHOURS	HOURLY WAGE	TOTAL HOURS	TOTAL LABOR	TOTAL MATERIAL COST	TOTAL SUB CONTRACTOR	TOTAL UNIT COST	TOTAL COST	SUBTOTALS
31	S115	Plan		Sawcut Control Joint	30	10%	33	LF	$ 1.40	$ -	$ -	0.02 HRS	$ 85	0.55 HRS	$ 55.61	$ -	$ -	$ 1.68	$ 56	
32	S115	Plan		Expansion Joint	15	10%	17	LF	$ 1.16	$ 1.42	$ -	0.01 HRS	$ 85	0.23 HRS	$ 23.04	$ 28.20	$ -	$ 3.10	$ 51	
33	S115	Plan		8" Edge Form	76	10%	84	LF	$ 6.85	$ 2.73	$ -	0.08 HRS	$ 85	6.74 HRS	$ 687.19	$ 273.87	$ -	$ 11.50	$ 961	
				8" SLAB ON GRADE																
34	S115	Plan	134 CY	8" Slab W/ #6 @ 12" O.C EW Bars	4925	10%	5,417	SF	$ 4.16	$ 7.29	$ -	0.05 HRS	$ 85	265.12 HRS	$ 27,042.29	$ 47,389.02	$ -	$ 13.74	$ 74,431	
35	S115	Plan		#6 @ 12" O.C EW Bars	17616	10%	19,378	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	330.56 HRS	$ 33,717.40	$ 57,435.85	$ -	$ 4.70	$ 91,153	
36	S115	Plan		Vapor Barrier	4925	10%	5,417	SF	$ 0.67	$ 0.77	$ -	0.01 HRS	$ 85	42.70 HRS	$ 4,355.37	$ 5,005.42	$ -	$ 1.73	$ 9,361	
37	S115	Plan		Compacted Fill	4925	10%	5,417	SF	$ 0.75	$ -	$ -	0.01 HRS	$ 85	47.80 HRS	$ 4,875.41	$ -	$ -	$ 0.90	$ 4,875	
38	S115	Plan		Sawcut Control Joint	788	10%	867	LF	$ 1.40	$ -	$ -	0.02 HRS	$ 85	14.28 HRS	$ 1,456.12	$ -	$ -	$ 1.68	$ 1,456	
39	S115	Plan		Expansion Joint	394	10%	433	LF	$ 1.16	$ 1.42	$ -	0.01 HRS	$ 85	5.91 HRS	$ 603.25	$ 738.46	$ -	$ 3.10	$ 1,342	
40	S115	Plan		8" Edge Form	447	10%	492	LF	$ 6.85	$ 2.73	$ -	0.08 HRS	$ 85	39.63 HRS	$ 4,041.77	$ 1,610.81	$ -	$ 11.50	$ 5,653	
				12.5" SLAB ON GRADE																
41	S115	Plan	255 CY	12.5" Concrete Slab at Keel section W/ #6 @ 12" O.C EW T&B Bars	6019	10%	6,621	SF	$ 5.94	$ 10.26	$ -	0.07 HRS	$ 85	462.67 HRS	$ 47,192.60	$ 81,514.49	$ -	$ 19.44	$ 128,707	
42	S115	Plan		#6 @ 12" O.C EW T&B Bars	43061	10%	47,367	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	808.02 HRS	$ 82,417.87	$ 140,394.58	$ -	$ 4.70	$ 222,812	
43	S115	Plan		Vapor Barrier	6019	10%	6,621	SF	$ 0.67	$ 0.77	$ -	0.01 HRS	$ 85	52.19 HRS	$ 5,323.07	$ 6,117.56	$ -	$ 1.73	$ 11,441	
44	S115	Plan		Compacted Fill	6019	10%	6,621	SF	$ 0.75	$ -	$ -	0.01 HRS	$ 85	58.42 HRS	$ 5,958.66	$ -	$ -	$ 0.90	$ 5,959	
45	S115	Plan		Sawcut Control Joint	963	10%	1,059	LF	$ 1.40	$ -	$ -	0.02 HRS	$ 85	17.45 HRS	$ 1,779.65	$ -	$ -	$ 1.68	$ 1,780	
46	S115	Plan		Expansion Joint	482	10%	530	LF	$ 1.16	$ 1.42	$ -	0.01 HRS	$ 85	7.23 HRS	$ 737.29	$ 902.54	$ -	$ 3.10	$ 1,640	
47	S115	Plan		Formwork	719	10%	791	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	76.83 HRS	$ 7,836.68	$ -	$ -	$ 9.91	$ 7,837	
				Sub Total											$ 230,776	$ 345,605	$ -			$ 576,382
				CONCRETE CURBS																
				CONCRETE CURB **L=553'** **W=0'-8"** **D=0'-5"**																
48	S112	F1/S555		Concrete (5000 Psi)	6	10%	6	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	11.66 HRS	$ 1,189.70	$ 2,014.88	$ -	$ 505.21	$ 3,205	
49	S112	F1/S555		(2) #5 Cont. Bar	1339	10%	1,473	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	25.12 HRS	$ 2,562.47	$ 4,365.04	$ -	$ 4.70	$ 6,928	
50	S112	F1/S555		#5 @ 12" O.C Dowel	1341	10%	1,475	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	25.17 HRS	$ 2,567.10	$ 4,372.93	$ -	$ 4.70	$ 6,940	
				CONCRETE CURB **L=240'** **W=0'-10"** **D=1'-0"**																
51	S112	G8/S522		Concrete (5000 Psi)	7	10%	8	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	14.92 HRS	$ 1,522.15	$ 2,577.92	$ -	$ 505.21	$ 4,100	
52	S112	G8/S522		(2) #6 Cont. Bar	859	10%	945	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	16.12 HRS	$ 1,643.81	$ 2,800.15	$ -	$ 4.70	$ 4,444	
53	S112	G8/S522		#4 @ 12" O.C Dowel	1578	10%	1,736	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	29.61 HRS	$ 3,019.92	$ 5,144.27	$ -	$ 4.70	$ 8,164	
				Sub Total											$ 12,505	$ 21,275	$ -			$ 33,780
				LEVEL 2																
				COMPOSITE DECK																
				3.75" CONCRETE SLAB OVER 1.5" METAL DECK																
54	S121	Plan	238 CY	3.75" Concrete over 1.5" Metal Deck W/ #4 @ 12" O.C EW Bars	15610	10%	17,171	SF	$ 1.98	$ 3.34	$ -	0.02 HRS	$ 85	399.99 HRS	$ 40,798.95	$ 68,822.47	$ -	$ 6.38	$ 109,621	
55	S121	Plan		#4 @ 12" O.C EW Bars	23566	10%	25,923	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	442.22 HRS	$ 45,106.25	$ 76,836.16	$ -	$ 4.70	$ 121,942	
56	S121	Plan		5" Pour Stop	1090	10%	1,199	LF	$ 2.10	$ 3.82	$ -	0.02 HRS	$ 85	29.62 HRS	$ 3,021.48	$ 5,496.22	$ -	$ 7.10	$ 8,518	
				Sub Total											$ 88,927	$ 151,155	$ -			$ 240,082
				MISC. INSTALLATION																
57				Misc. Coordinated Installations	1	0%	1	LS	$ 9,500.00	$ 22,700.00	0	111.76 HRS	85	111.76 HRS	$ 11,400.00	$ 27,240.00	$ -	$ 38,640.00	$ 38,640	
				Sub Total											$ 11,400	$ 27,240	$ -			$ 38,640
				SPOIL HAULAGE																
58			1003 CY	Loads to be Hauled away (20 CY/Load)	51	0%	51	LOADS	$ 1,500.00	$ -	$ -	17.65 HRS	$ 85	900.00 HRS	$ 91,800.00	$ -	$ -	$ 1,800.00	$ 91,800	
				Sub Total											$ 91,800	$ -	$ -			$ 91,800
														TOTAL HOURS	**TOTAL LABOR/EQUIP. COST**	**TOTAL MATERIAL COST**	**TOTAL SUBCONTRACTOR COST**			
TOTAL														**12551.35 HRS**	**$ 1,481,838**	**$ 1,622,109**	**$ -**		**$ 3,103,947**	**$ 3,103,947**
SALES & USE TAX (MATERIAL)																		**6.63%**	**$ 89,554**	**$ 89,554**
BUILDING CONCRETE HANGER 4																			**$3,193,501**	**$ 3,193,501**

SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	LABOR/ EQUIP. COST	MATERIAL COST	SUBCONT. COST	UNIT MANHOURS	HOURLY WAGE	TOTAL HOURS	TOTAL LABOR	TOTAL MATERIAL COST	TOTAL SUB CONTRACTOR	TOTAL UNIT COST	TOTAL COST	SUBTOTALS
EXCLUSIONS																				
Waterproofing																				
Rigid Insulation																				
Grounding Wire																				

PROJECT	MACDILL AIR FORCE BASE	Email	support@aconengineering.com		Pricing cells
ADDRESS	TAMPA, FLORIDA	PH #			Confirm pricing
DUE DATE	10/28/2025	Website	http://aconengineering.com/		Please Add/Confirm Price
DATE ON PLANS	8/18/2025	Concrete (5000 PSI)	1557	CY	
ADDENDUM UPDATE	Not Issued	Rebars	157	TONS	
		6x6xW2.0xW2.0 WWF		SF	
Total Base bid	$2,931,120	CONCRETE HANGER 5			

O&P
20.00%

SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	LABOR/ EQUIP. COST	MATERIAL COST	SUBCONT. COST	UNIT MANHOURS	HOURLY WAGE	TOTAL HOURS	TOTAL LABOR	TOTAL MATERIAL COST	TOTAL SUB CONTRACTOR	TOTAL UNIT COST	TOTAL COST	SUBTOTALS
				BUILDING CONCRETE																
				LAYOUT																
1				Layout & Job planning	1	0%	1	LS	$ 155,000.00	$ -	$ -	0.00 HRS	$ -	0.00 HRS	$ 186,000.00	$ -	$ -	$ 186,000.00	$ 186,000	
				Sub Total											$ 186,000	$ -	$ -			$ 186,000
				FOUNDATION PLAN																
				PILE CAPS																
2	S101	J12/S533		Concrete (5000 Psi)	888	10%	976	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	1795.52 HRS	$ 183,143.08	$ 310,171.50	$ -	$ 505.21	$ 493,315	
3	S101	J12/S533		Reinforcement	180069	10%	198,076	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	3378.94 HRS	$ 344,652.35	$ 587,097.46	$ -	$ 4.70	$ 931,750	
4	S101	J12/S533		Formwork, Pad footings	3575	10%	3,933	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	382.17 HRS	$ 38,981.01	$ -	$ -	$ 9.91	$ 38,981	
5	S101	J12/S533		Excavation	1384	10%	1,522	CY	$ 51.20	$ -	$ -	0.60 HRS	$ 85	916.80 HRS	$ 93,513.54	$ -	$ -	$ 61.44	$ 93,514	
6	S101	J12/S533		Backfill	509	10%	560	CY	$ 43.59	$ -	$ -	0.51 HRS	$ 85	287.22 HRS	$ 29,296.16	$ -	$ -	$ 52.31	$ 29,296	
				THICKENED EDGE L=25'-4" W=3'-6" D=2'																
7	S105	K4/S531		Concrete (5000 Psi)	7	10%	7	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	13.30 HRS	$ 1,356.49	$ 2,297.35	$ -	$ 505.21	$ 3,654	
8	S105	K4/S531		(9) #5 Cont. Bar	276	10%	304	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	5.18 HRS	$ 528.54	$ 900.34	$ -	$ 4.70	$ 1,429	
9	S105	K4/S531		#5 @ 12" O.C Dowel	295	10%	325	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	5.54 HRS	$ 564.64	$ 961.83	$ -	$ 4.70	$ 1,526	
				Please see next tab for detailed calculations																
				Sub Total											$ 692,036	$ 901,428	$ -			$ 1,593,464
				TIE BEAMS																
10	S101	A1/S523		Concrete (5000 Psi)	116	10%	127	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	233.87 HRS	$ 23,854.34	$ 40,399.76	$ -	$ 505.21	$ 64,254	
11	S101	A1/S523		Reinforcement (Tension Ties)	27817	10%	30,599	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	521.98 HRS	$ 53,241.49	$ 90,694.12	$ -	$ 4.70	$ 143,936	
12	S101	A1/S523		Reinforcement	5595	10%	6,155	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	105.00 HRS	$ 10,709.70	$ 18,243.42	$ -	$ 4.70	$ 28,953	
13	S101	A1/S523		Formwork Beams	1701	10%	1,871	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	181.85 HRS	$ 18,548.82	$ -	$ -	$ 9.91	$ 18,549	
14	S101	A1/S523		Excavation	167	10%	183	CY	$ 51.20	$ -	$ -	0.60 HRS	$ 85	110.36 HRS	$ 11,257.02	$ -	$ -	$ 61.44	$ 11,257	
15	S101	A1/S523		Backfill	133	10%	146	CY	$ 43.59	$ -	$ -	0.51 HRS	$ 85	74.76 HRS	$ 7,625.63	$ -	$ -	$ 52.31	$ 7,626	
				Please see next tab for detailed calculations																
				Sub Total											$ 125,237	$ 149,337	$ -			$ 274,574
				CONCRETE WALLS																
16	S101	A12/S533		Concrete (5000 Psi)	19	10%	21	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	37.80 HRS	$ 3,856.05	$ 6,530.61	$ -	$ 505.21	$ 10,387	
17	S101	A12/S533		Reinforcement	5076	10%	5,584	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	95.25 HRS	$ 9,715.52	$ 16,549.89	$ -	$ 4.70	$ 26,265	
18	S101	A12/S533		Formwork Walls	1009	10%	1,110	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	107.88 HRS	$ 11,004.16	$ -	$ -	$ 9.91	$ 11,004	
				Please see next tab for detailed calculations																
				Sub Total											$ 24,576	$ 23,080	$ -			$ 47,656
				FOUNDATION PLAN																
				SLABS ON GRADE																
				8" SLAB ON GRADE																
19	S115	Plan	134 CY	8" Thick New Slab W/ #6 @ 12" O.C EW Bars	4930	10%	5,423	SF	$ 4.16	$ 7.29	$ -	0.05 HRS	$ 85	265.39 HRS	$ 27,069.58	$ 47,436.84	$ -	$ 13.74	$ 74,506	
20	S115	Plan		#6 @ 12" O.C EW Bars	17634	10%	19,397	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	330.90 HRS	$ 33,751.43	$ 57,493.82	$ -	$ 4.70	$ 91,245	
21	S115	Plan		Vapor Barrier	4930	10%	5,423	SF	$ 0.67	$ 0.77	$ -	0.01 HRS	$ 85	42.74 HRS	$ 4,359.76	$ 5,010.48	$ -	$ 1.73	$ 9,370	
22	S115	Plan		Compacted Fill	4930	10%	5,423	SF	$ 0.75	$ -	$ -	0.01 HRS	$ 85	47.85 HRS	$ 4,880.33	$ -	$ -	$ 0.90	$ 4,880	
23	S115	Plan		Sawcut Control Joint	789	10%	868	LF	$ 1.40	$ -	$ -	0.02 HRS	$ 85	14.29 HRS	$ 1,457.59	$ -	$ -	$ 1.68	$ 1,458	
24	S115	Plan		Expansion Joint	394	10%	434	LF	$ 1.16	$ 1.42	$ -	0.01 HRS	$ 85	5.92 HRS	$ 603.86	$ 739.21	$ -	$ 3.10	$ 1,343	
25	S115	Plan		8" Edge Form	448	10%	493	LF	$ 6.85	$ 2.73	$ -	0.08 HRS	$ 85	39.71 HRS	$ 4,050.82	$ 1,614.41	$ -	$ 11.50	$ 5,665	
				12.5" SLAB ON GRADE																
26	S115	Plan	255 CY	12.5" Concrete Slab at Keel section W/ #6 @ 12" O.C EW T&B Bars	6019	10%	6,621	SF	$ 5.94	$ 10.26	$ -	0.07 HRS	$ 85	462.66 HRS	$ 47,191.74	$ 81,513.00	$ -	$ 19.44	$ 128,705	
27	S115	Plan		#6 @ 12" O.C EW T&B Bars	43060	10%	47,366	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	808.00 HRS	$ 82,416.36	$ 140,392.01	$ -	$ 4.70	$ 222,808	
28	S115	Plan		Vapor Barrier	6019	10%	6,621	SF	$ 0.67	$ 0.77	$ -	0.01 HRS	$ 85	52.19 HRS	$ 5,322.97	$ 6,117.45	$ -	$ 1.73	$ 11,440	
29	S115	Plan		Compacted Fill	6019	10%	6,621	SF	$ 0.75	$ -	$ -	0.01 HRS	$ 85	58.42 HRS	$ 5,958.55	$ -	$ -	$ 0.90	$ 5,959	
30	S115	Plan		Sawcut Control Joint	963	10%	1,059	LF	$ 1.40	$ -	$ -	0.02 HRS	$ 85	17.45 HRS	$ 1,779.62	$ -	$ -	$ 1.68	$ 1,780	
31	S115	Plan		Expansion Joint	481	10%	530	LF	$ 1.16	$ 1.42	$ -	0.01 HRS	$ 85	7.23 HRS	$ 737.27	$ 902.52	$ -	$ 3.10	$ 1,640	

SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	QTY.	WASTE	QTY. W/ WASTE	UNIT	LABOR/ EQUIP. COST	MATERIAL COST	SUBCONT. COST	UNIT MANHOURS	HOURLY WAGE	TOTAL HOURS	TOTAL LABOR	TOTAL MATERIAL COST	TOTAL SUB CONTRACTOR	TOTAL UNIT COST	TOTAL COST	SUBTOTALS
32	S115	Plan		8" Edge Form	490	10%	539	LF	$ 6.85	$ 2.73	$ -	0.08 HRS	$ 85	43.44 HRS	$ 4,430.58	$ 1,765.76	$ -	$ 11.50	$ 6,196	
33	S115	Plan		Formwork	719	10%	791	SFCA	$ 8.26	$ -	$ -	0.10 HRS	$ 85	76.83 HRS	$ 7,836.68	$ -	$ -	$ 9.91	$ 7,837	
				Sub Total											**$ 231,847**	**$ 342,986**	**$ -**			**$ 574,833**
				CONCRETE CURBS																
				CONCRETE CURB **L=124'** **W=0'-8"** **D=0'-5"**																
34	S112	F1/S555		Concrete (5000 Psi)	1	10%	1	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	2.61 HRS	$ 266.63	$ 451.57	$ -	$ 505.21	$ 718	
35	S112	F1/S555		(2) #5 Cont. Bar	300	10%	330	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	5.63 HRS	$ 574.30	$ 978.28	$ -	$ 4.70	$ 1,553	
36	S112	F1/S555		#5 @ 12" O.C Dowel	302	10%	333	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	5.68 HRS	$ 578.93	$ 986.17	$ -	$ 4.70	$ 1,565	
				CONCRETE CURB **L=240'** **W=0'-10"** **D=1'-0"**																
37	S112	G8/S522		Concrete (5000 Psi)	7	10%	8	CY	$ 156.30	$ 264.71	$ -	1.84 HRS	$ 85	14.92 HRS	$ 1,522.15	$ 2,577.92	$ -	$ 505.21	$ 4,100	
38	S112	G8/S522		(2) #6 Cont. Bar	859	10%	945	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	16.12 HRS	$ 1,643.81	$ 2,800.15	$ -	$ 4.70	$ 4,444	
39	S112	G8/S522		#4 @ 12" O.C Dowel	1578	10%	1,736	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	29.61 HRS	$ 3,019.92	$ 5,144.27	$ -	$ 4.70	$ 8,164	
				Sub Total											**$ 7,606**	**$ 12,938**	**$ -**			**$ 20,544**
				LEVEL 2																
				COMPOSITE DECK																
				3.75" CONCRETE SLAB OVER 1.5" METAL DECK																
40	S121	Plan	**27 CY**	3.75" Concrete over 1.5" Metal Deck W/ #4 @ 12" O.C EW Bars	1755	10%	1,931	SF	$ 1.98	$ 3.34	$ -	0.02 HRS	$ 85	44.97 HRS	$ 4,587.34	$ 7,738.24	$ -	$ 6.38	$ 12,326	
41	S121	Plan		#4 @ 12" O.C EW Bars	2650	10%	2,915	LB	$ 1.45	$ 2.47	$ -	0.02 HRS	$ 85	49.72 HRS	$ 5,071.64	$ 8,639.28	$ -	$ 4.70	$ 13,711	
42	S121	Plan		5" Pour Stop	253	10%	278	LF	$ 2.10	$ 3.82	$ -	0.02 HRS	$ 85	6.88 HRS	$ 701.32	$ 1,275.73	$ -	$ 7.10	$ 1,977	
				Sub Total											**$ 10,360**	**$ 17,653**	**$ -**			**$ 28,014**
				MISC. INSTALLATION																
43				Misc. Coordinated Installations	1	0%	1	LS	$ 9,000.00	$ 20,000.00	$ -	105.88 HRS	$ 85	105.88 HRS	$ 10,800.00	$ 24,000.00	$ -	$ 34,800.00	$ 34,800	
				Sub Total											**$ 10,800**	**$ 24,000**	**$ -**			**$ 34,800**
				SPOIL HAULAGE																
44			**999 CY**	Loads to be Hauled away (20 CY/Load)	50	0%	50	LOADS	$ 1,500.00	$ -	$ -	17.65 HRS	$ 85	882.35 HRS	$ 90,000.00	$ -	$ -	$ 1,800.00	$ 90,000	
				Sub Total											**$ 90,000**	**$ -**	**$ -**			**$ 90,000**
														TOTAL HOURS	**TOTAL LABOR/EQUIP. COST**	**TOTAL MATERIAL COST**	**TOTAL SUBCONTRACTOR COST**			
TOTAL														**11690.80 HRS**	**$ 1,378,462**	**$ 1,471,423**	**$ -**		**$ 2,849,885**	**$ 2,849,885**
SALES & USE TAX (MATERIAL)																		**6.63%**	**$ 81,235**	**$ 81,235**
BUILDING CONCRETE HANGER 5																			**$ 2,931,120**	**$ 2,931,120**

EXCLUSIONS
Waterproofing
Rigid Insulation
Grounding Wire

HANGER 1

Dwg No	Detail No	Description	Length	Width	Depth	Counts	Concrete	Formwork	Excavation	Backfill	Description	Cont.
			FT	FT	FT	EA	CY	SFCA	CY	CY		LB
		PAD FOOTINGS										
S101	J12/S533	48" x 60" x 18" Pad - J12/S533	4.00	5.00	1.50	1	1.1	27	3	2	#5 @ 6" O.C EW T&B Bars	215
TOTAL			**4**			**1**	**1**	**27**	**3**	**2**	**Reinforcement**	**215**

RECAP QUANTITIES FOR PAD FOOTINGS

Concrete	**1**	**CY**
Reinforcement	**215**	**LB**
Formwork	**27**	**SFCA**
Excavation	**3**	**CY**
Backfill	**2**	**CY**

HANGER 4

Dwg No	Detail No	Description	Length	Width	Depth	Counts	Concrete	Formwork	Excavation	Backfill	Description	Cont.
			FT	FT	FT	EA	CY	SFCA	CY	CY		LB
		PAD FOOTINGS										
S101	J13/S533	48" x 60" x 18" Pad - J12/S533	4.00	5.00	1.50	1	1.1	27	3	2	#5 @ 6" O.C EW T&B Bars	215
TOTAL			**4**			**1**	**1**	**27**	**3**	**2**	**Reinforcement**	**215**

RECAP QUANTITIES FOR PAD FOOTINGS

Concrete	**1**	**CY**
Reinforcement	**215**	**LB**
Formwork	**27**	**SFCA**
Excavation	**3**	**CY**
Backfill	**2**	**CY**

HANGER 1

Dwg No	Detail No	Description	Area	Width	Depth	Counts	Concrete	Formwork	Excavation	Backfill	Description	Rebars	Rebars	Rebars
			SF	FT	FT	EA	CY	SFCA	CY	CY		LB	LB	LB
		PAD FOOTINGS												
S101	K4/S531	66" Thick Pile Cap - K4/S531	2561.70		5.50	1	521.8	1782	779	257	#8 @ 6" O.C EW T&B Bars #4 @ 7" O.C Side Bars (2) #8 @ 6" O.C Side Dowels	68397	2564	21660
S101	A8/S522	48" Thick Pile Cap - A8/S522	2356.25		4.00	1	349.1	1668	599	250	#8 @ 8" O.C EW T&B Bars #6 @ 8" O.C EW T&B Bars (4) #4 @ 12" O.C U Bars	46949	25160	6920
S101	A8/S522	14" Thick Concrete Mat - A7/S535	325.00		1.17	1	14.1	125			#8 @ 8" O.C EW T&B Bars #6 @ 8" O.C EW T&B Bars (4) #4 @ 12" O.C U Bars	835	663	6920
TOTAL			5243			3	885	3575	1378	507	Reinforcement	116181	28387	35501

RECAP QUANTITIES FOR PAD FOOTINGS

Concrete	885	CY
Reinforcement	180069	LB
Formwork	3575	SFCA
Excavation	1378	CY
Backfill	507	CY

HANGER 4

Dwg No	Detail No	Description	Area	Width	Depth	Counts	Concrete	Formwork	Excavation	Backfill	Description	Rebars	Rebars	Rebars
			SF	FT	FT	EA	CY	SFCA	CY	CY		LB	LB	LB
		PAD FOOTINGS												
S101	K4/S531	66" Thick Pile Cap - K4/S531	2560.94		5.50	1	521.7	1782	779	257	#8 @ 6" O.C EW T&B Bars #4 @ 7" O.C Side Bars (2) #8 @ 6" O.C Side Dowels	68377	2564	21660
S101	A8/S522	48" Thick Pile Cap - A8/S522	2395.05		4.00	1	354.8	1668	608	253	#8 @ 8" O.C EW T&B Bars #6 @ 8" O.C EW T&B Bars (4) #4 @ 12" O.C U Bars	47722	25574	6920
S101	A8/S522	14" Thick Concrete Mat - A7/S535	307.00		1.17	1	13.3	125			#8 @ 8" O.C EW T&B Bars #6 @ 8" O.C EW T&B Bars (4) #4 @ 12" O.C U Bars	835	663	6920
TOTAL			5263			3	890	3575	1387	510	Reinforcement	116934	28801	35501

RECAP QUANTITIES FOR PAD FOOTINGS

Concrete	890	CY
Reinforcement	180069	LB
Formwork	3575	SFCA
Excavation	1387	CY
Backfill	510	CY

HANGER 5

Dwg No	Detail No	Description	Area	Width	Depth	Counts	Concrete	Formwork	Excavation	Backfill	Description	Rebars	Rebars	Rebars
			SF	FT	FT	EA	CY	SFCA	CY	CY		LB	LB	LB
		PAD FOOTINGS												
S101	K4/S531	66" Thick Pile Cap - K4/S531	2559.59		5.50	1	521.4	1782	778	257	#8 @ 6" O.C EW T&B Bars #4 @ 7" O.C Side Bars (2) #8 @ 6" O.C Side Dowels	68341	2564	21660
S101	A8/S522	48" Thick Pile Cap - A8/S522	2383.50		4.00	1	353.1	1668	605	252	#8 @ 8" O.C EW T&B Bars #6 @ 8" O.C EW T&B Bars (4) #4 @ 12" O.C U Bars	47492	25451	6920
S101	A8/S522	14" Thick Concrete Mat - A7/S535	304.00		1.17	1	13.2	125			#6 @ 8" O.C Long Bars #4 @ 12" O.C Trans. Bars	835	663	6920
TOTAL			5247			3	888	3575	1384	509	Reinforcement	116668	28678	35501

RECAP QUANTITIES FOR PAD FOOTINGS

Concrete	888	CY
Reinforcement	180069	LB
Formwork	3575	SFCA
Excavation	1384	CY
Backfill	509	CY

Dwg No	Detail No	Description	Length	Width	Depth	Concrete	Formwork	Excavation	Backfill	Description	Cont. Tension Ties
			FT	FT	FT	CY	SFCA	CY	CY		LB
		WALL FOOTINGS									
S105	A1/S523	44" x 14" Grade Beam - A1/S523	727.17	3.67	1.17	116	1702	167	133	6 #11 Cont. Bars (Tension Ties) #4 @ 12" O.C Ties	27817
TOTAL			727			116	1702	167	133	Reinforcement	27817

RECAP QUANTITIES FOR WALL FOOTINGS

Concrete	116	CY
Reinforcement (Tention Ties)	27817	LB
Reinforcement	5595	LB
Formwork	1702	SFCA
Excavation	167	CY
Backfill	133	CY

HANGER 4

Dwg No	Detail No	Description	Length	Width	Depth	Concrete	Formwork	Excavation	Backfill	Description	Cont. Tension Ties
			FT	FT	FT	CY	SFCA	CY	CY		LB
		WALL FOOTINGS									
S105	A1/S523	44" x 14" Grade Beam - A1/S523	726.92	3.67	1.17	116	1701	167	133	6 #11 Cont. Bars (Tension Ties) #4 @ 12" O.C Ties	27807
TOTAL			727			116	1701	167	133	Reinforcement	27807

RECAP QUANTITIES FOR WALL FOOTINGS

Concrete	116	CY
Reinforcement (Tention Ties)	27817	LB
Reinforcement	5595	LB
Formwork	1701	SFCA
Excavation	167	CY
Backfill	133	CY

HANGER 5

Dwg No	Detail No	Description	Length	Width	Depth	Concrete	Formwork	Excavation	Backfill	Description	Cont. Tension Ties
			FT	FT	FT	CY	SFCA	CY	CY		LB
		WALL FOOTINGS									
S105	A1/S523	44" x 14" Grade Beam - A1/S523	727.02	3.67	1.17	116	1701	167	133	6 #11 Cont. Bars (Tension Ties) #4 @ 12" O.C Ties	27811
TOTAL			727			116	1701	167	133	Reinforcement	27811

RECAP QUANTITIES FOR WALL FOOTINGS

Concrete	116	CY
Reinforcement (Tention Ties)	27817	LB
Reinforcement	5595	LB
Formwork	1701	SFCA
Excavation	167	CY
Backfill	133	CY

HANGER 1												
	CONCRETE PADESTAL											
DWG No.	Section	Mark	L(ft)	W (ft)	H (ft)	Count	Concrete (CY)	Formwork (SFCA)	Rebar (lbs.)			
			FT	FT	FT	EA	CY	SFCA	Discription	Vert. Bars (LB)	Ties (LB)
S101	J12/S533	24" x 60" x 26" Padestal - J12/S533	2.00	5.00	2.17	1	0.8	30	#5 @ 6" O.C EF #4 @ 6" O.C Ties	203	72
TOTAL						1	1	30		203	72

RECAP QUANTITIES

Concrete (4000Psi)	1	CY
Reinforcement	275	LB
Formwork Pier	30	SFCA

HANGER 4												
	CONCRETE PADESTAL											
DWG No.	Section	Mark	L(ft)	W (ft)	H (ft)	Count	Concrete (CY)	Formwork (SFCA)	Rebar (lbs.)			
			FT	FT	FT	EA	CY	SFCA	Discription	Vert. Bars (LB)	Ties (LB)
S101	J13/S533	24" x 60" x 26" Padestal - J13/S533	2.00	5.00	2.17	1	0.8	30	#5 @ 6" O.C EF #4 @ 6" O.C Ties	203	72
TOTAL						1	1	30		203	72

RECAP QUANTITIES

Concrete (4000Psi)	1	CY
Reinforcement	275	LB
Formwork Pier	30	SFCA

Dwg No	Detail No	Description	AREA	Width	Height	Concrete	Formwork	Description	Vert.	Horiz.
			SF	FT	FT	CY	SFCA		LB	LB
		WALL FOOTINGS								
S105	A12/S533	12" Thick Concrete Wall (H=3') - A12/S533	167.50	1.00	3.00	19	1005	#4 @ 8" O.C Horiz. Bars EF #5 @ 12" O.C Vert. Bars EF	3670	1385
TOTAL			**168**			**19**	**1005**	**Reinforcement**	**3670**	**1385**

RECAP QUANTITIES FOR WALL FOOTINGS

Concrete	**19**	**CY**
Reinforcement	**5055**	**LB**
Formwork	**1005**	**SFCA**

HANGER 4

Dwg No	Detail No	Description	AREA	Width	Height	Concrete	Formwork	Description	Vert.	Horiz.
			SF	FT	FT	CY	SFCA		LB	LB
		WALL FOOTINGS								
S105	A12/S533	12" Thick Concrete Wall (H=3') - A12/S533	168.10	1.00	3.00	19	1009	#4 @ 8" O.C Horiz. Bars EF #5 @ 12" O.C Vert. Bars EF	3683	1390
TOTAL			**168**			**19**	**1009**	**Reinforcement**	**3683**	**1390**

RECAP QUANTITIES FOR WALL FOOTINGS

Concrete	**19**	**CY**
Reinforcement	**5073**	**LB**
Formwork	**1009**	**SFCA**

HANGER 5

Dwg No	Detail No	Description	AREA	Width	Height	Concrete	Formwork	Description	Vert.	Horiz.
			SF	FT	FT	CY	SFCA		LB	LB
		WALL FOOTINGS								
S105	A12/S533	12" Thick Concrete Wall (H=3') - A12/S533	168.21	1.00	3.00	19	1009	#4 @ 8" O.C Horiz. Bars EF #5 @ 12" O.C Vert. Bars EF	3685	1391
TOTAL			**168**			**19**	**1009**	**Reinforcement**	**3685**	**1391**

RECAP QUANTITIES FOR WALL FOOTINGS

Concrete	**19**	**CY**
Reinforcement	**5076**	**LB**
Formwork	**1009**	**SFCA**