

PROJECT	Youth Program Building										Pricing cells		Email		support@aconengineering.com				O&P			
ADDRESS	1501 N. Australian Ave. West Palm Beach, FL										Confirm pricing		PH #						0.00%			
Date of submission	12/20/20222										Confirm inclusion in scope		Website		http://aconengineering.com/							
Date of plans	12/20/20222																					
BASE BID	\$ - YOUTH PROGRAM BUILDING																					
SR #	DWG. NO.	DETAIL NO.	CSI NO.	DESCRIPTION	Lengths	No. of Pieces	QTY.	WASTE	QTY. W/ WASTE	UNIT	Material UNIT	Material Total	Labor UNIT	Labor Total	Equipment t UNIT	Equipment Total	UNIT COST	TOTAL COST	SUB TOTALS			
				CLUBHOUSE																		
				STRUCTURAL STEEL																		
				COLUMNS (HSS-SECTIONS)																		
1	S-101	2/S-604		HSS Steel Column 8x8x1/4 H=27.584'	27.58	1	712	10%	783	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
2	S-101	3/A-601		HSS Steel Column 6x6x1/4 H=29.584'	29.58	2	1125	10%	1,238	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
3	S-101	3/A-601		HSS Steel Column 6x6x3/16 H=16.83'	16.83	1	245	10%	269	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
4	S-101	4/A-601		HSS Steel Column 6x6x1/4 H=15.334'	15.33	5	1458	10%	1,604	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
				BEAMS (HSS-SECTIONS)																		
5	S-301	2/S-604		HSS Steel Column 6x6x3/16 H=16.83' 3/A-601	32.28	1	469	10%	516	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
				BASE PLATES																		
6	S-101			Base PL: 10x10x1/2" (2 EA)	10.00	2	28	10%	31	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
7	S-101			Base PL-2: 10x10x1/4" (7 EA)	10.00	7	50	10%	55	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
				CAP PLATES																		
8	S-101			8"x8"x1/4" (9 EA)	8.00	9	41	10%	45	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
				ANCHOR BOLTS																		
9	S-101			Anchor bolts (1" dia)		36	36	0%	36	EA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
				BEAMS (W-SECTIONS)																		
10	S-201	Roof Framing Plan		W12x14 (L=305.64')	305.64	1	4279	10%	4,707	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
11	S-201	Roof Framing Plan		W12x16 (L=112.03)	112.03	1	1792	10%	1,972	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
12	S-201	Roof Framing Plan		W8x10 (L=44.12')	44.12	1	441	10%	485	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
13	S-201	Roof Framing Plan		W10x12 (L=113.91')	113.91	1	1367	10%	1,504	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
14	S-201	Roof Framing Plan		W12x19 (L=133.87')	133.87	1	2544	10%	2,798	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
15	S-201	Roof Framing Plan		W12x26 (L=30.36')	30.36	1	789	10%	868	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
16	S-201	Roof Framing Plan		W16x31 (L=20.27')	20.27	1	628	10%	691	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
17	S-201	Roof Framing Plan		W10x12 (L=135.32')	135.32	1	1624	10%	1,786	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
18	S-201	Roof Framing Plan		W14x26 (L=18.22')	18.22	1	474	10%	521	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
19	S-201	Roof Framing Plan		W8x15 (L=1.167', 2EA) Steel haunch	1.17	2	35	10%	39	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
				BEAMS (C-SECTIONS)																		
20	S-201	Roof Framing Plan		C8x11.5 (L=249.6')	249.60	1	2870	10%	3,157	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
				STEEL GIRDER																		
21	S-201	Second Floor Framing Plan		24G-5N-12.0K (L=20', 1EA)	20.00	1	520	10%	572	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
22	S-201	Second Floor Framing Plan		24G-5N-12.0K (L=22', 1EA)	22.00	1	616	10%	678	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
21	S-201	Second Floor Framing Plan		32G-6N-12.0K (L=30', 1EA)	30.00	1	1020	10%	1,122	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
23	S-201	Second Floor Framing Plan		32G-6N-12.0K (L=32', 1EA)	32.00	1	1152	10%	1,267	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
24	S-201	Second Floor Framing Plan		32G-6N-16.0K (L=32', 1EA)	32.00	1	1600	10%	1,760	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
25	S-201	Second Floor Framing Plan		32G-6N-16.0K (L=30', 1EA)	30.00	1	1350	10%	1,485	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
26	S-201	Second Floor Framing Plan		28G-5N-12.0K (L=25', 1EA)	24.00	1	672	10%	739	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
				ANGLE/CONT. BENT PL																		
27	S-201			L4x4x1/4 (L=647.58', 1 EA)	647.58	1	4274	10%	4,701	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
28	S-201			Bent PL 6 1/2x4x1/4 (L=526.74, EA=1)	526.74	1	4706	10%	5,176	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
29	S-201			Bent PL 6 1/2x6 1/2x1/4 (L=58.99', EA=1)	58.99	1	636	10%	700	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
30	S-201			L6x6x1/2 (L=8", 146 EA)	0.67	146	1917	10%	2,109	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
31	S-201			Bent PL 6 1/2x12x1/4 (L=11.78', EA=1)	11.78	1	185	10%	204	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
32	S-201			L3x3x1/4 (L=1', EA=256)	1.00	256	1254	10%	1,380	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			
33	S-201			L2 1/2x 2 1/2 x 1/4 (L=2.5', EA=84)	2.50	84	869	10%	956	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-			

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34	S-201			L2 1/2x 2 1/2 x 1/4 (L=133.01', EA=1)	133.01	1	551	10%	606	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
35	S-201			L4x4x3/8 (L=3", EA= 20)	0.25	20	49	10%	54	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
36	S-201			L4x4x1/4 (L=133.9', 2 EA)	133.90	2	1767	10%	1,944	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
37	S-201			L8x8x1/4 (L=6", EA= 2)	0.50	2	12	10%	13	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
38	S-201			L2x2x1/4 (L=2.167', EA= 16)	2.17	16	111	10%	122	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
39	S-201			L4x4x3/8 (L=4", EA= 2)	0.33	2	7	10%	7	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
				DECK																
40	S-201	Golf Cart Framing Plan		SD 1.5 C 22, 1 1/2" Vented Deck with 4 1/2" Light weight Concrete (Non-Composite Deck)			726	10%	799	SF	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
41	S-201	Second Floor Framing Plan		CPS 2.0 VU 18, 2" Deck Composite with 4 1/2" Light weight Concrete (Composite Deck)			13894	10%	15,283	SF	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
42	S-301	Roof Framing Plan		SD 1.5 C 18, 1 1/2" Vented Deck with 4 1/2" Light weight Concrete (Non-Composite Deck) (4000Psi)			4131	10%	4,544	SF	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
				MISC. STEEL																
				MISC. PLATES																
43	S.103			Embed PL 18 x 10 x 1/2"	18.00	183	4671	10%	5,138	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
44	S.103			Embed PL 10x 10x 1/2	10.00	72	1021	10%	1,123	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
45	S.103			Embed PL 1'-4"x 1'-4"x 3/8"	16.00	4	109	10%	120	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
46	S.103			Bent PL 8"x 10"x 3/8"(L=8", 4EA)	8.00	4	61	10%	67	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
47	S.103			PL 9x4x1/4"	9.00	6	15	10%	17	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
48	S.103			PL 8x8x3/4"	8.00	14	191	10%	210	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
49	S.103			PL 10x3x1/4"	10.00	50	106	10%	117	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
				ANCHOR BOLTS																
50	S.103			3/4" Dia x 5 1/2" HCA		1242	1242	0%	1,242	EA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
51	S.103			3/4" Dia Exp Anchors		265	265	0%	265	EA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
52	S.103			1" Bolts		150	150	0%	150	EA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
				TILT UP CONCRETE PANELS CONNECTION TO FOUNDATION																
53	S-201			L4x4x1/2 (L=10", 127 EA)	0.83	127	1370	10%	1,507	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
54	S-201			L4x3x1/4 (L=8", EA= 127)	0.67	127	494	10%	543	LB	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
55	S.103			2 3/4" Dia Exp Anchors		254	254	0%	254	EA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
				BRIDGING																
56	Plan			Horizontal Bridging	11.00	1	11	0%	11	EA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
				MISC. STEEL FOR ALL FLOORS																
57				Misc. structural steel			1	10%	1.53	TON	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	