

WHITEWATER SPRINGS POA BOARD MEETING
JULY 26, 2016

ITEM NO. XV - ENFORCEMENT OF CCRs

Don Rauschuber

From: Ken Dreger <ken@kendreger.com>
Sent: Tuesday, July 12, 2016 6:36 PM
To: dgrwater@dgrainc.com
Subject: Re: Update on fishing pier-float

ok, sounds good to me...

From: [Don Rauschuber](#)
Sent: Tuesday, July 12, 2016 4:26 PM
To: '[Ken Dreger](#)'
Cc: [Erin Welch](#)
Subject: RE: Update on fishing pier-float

Ken:

1. Thank you for your email.
2. As per your suggestion below, I will place this item on the July 26, 2016 agenda.

Tks
don

From: Ken Dreger [mailto:ken@kendreger.com]
Sent: Friday, July 8, 2016 8:14 PM
To: team@wwspsa.com
Subject: Update on fishing pier-float
Importance: High

Well, I have been pulling out every hair in my head now for the last 2 + weeks trying to get this figured out and I will try and explain what is going on with the fishing pier.

When I proposed the pier initially months ago I got costs from Home Depot on a number of items. Since then to my surprise Home Depot has discontinued the lumber I priced back then and increased the costs of the floats and other items. The lumber is now 1/3 more than what I had in my plan originally and has to be special ordered which is a charge item also and each float went up 10% ! Building the pier out of wood takes a enormous amount of metal hardware, bolts, screws, plates & braces that all cost more because they need to be galvanized for outside/water usage and very strong.

That brought me to the idea of doing a all metal frame composed of 2" X 4" 14 gauge tubing like metal buildings are made from. This created issues of its own but actually created a pier that weighed less and required less hardware to build. The design changed when David and I talked about the original plan that was 8' x 16' for 3 sections. We looked at floats and the stability of a 8' float vs; a 10' wide one and based on the float support capacity we determined that we should build 2 – 20' x 10' floats with a 10' walkway to them giving a 50' length in total vs; the original 48' long with no walkway.

The issue with the metal pier has come down to welding it together, I don't know how to weld and those in the community here are only "Artistic" welders for hobbies not something that would support 4,000 pounds and be in water!

So, the dilemma is, we can build a wooden floating pier but it is going to cost close to \$5,372 if not a little more, the metal one will run about \$5,335 if we can find a local in-house welder who will do it for free.....

So, I am going to ask the board what they would like to do! I am trying my best to keep this under budget and really hate going over in anything...

I am inclosing the Excel spreadsheets (book1 & book2) for your review if you want... please let me know what you feel would be the best approach....

Ken Dreger



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	A	B	C	D	E	F	G	H
1	ITEM		QTY	COST EACH	FROM		Local	
2	PHASE #1 2 Floating docks/piers 10' Wide by 20' Long totaling 40' With 10' ramp = 50'							
3	WeatherShield Model # 253919 Internet # 206968438 Store SKU # 1001754825 5/4 in. x 6 in. x 10 ft. Pressure-Treated Pine Decking Boards	73	\$ 7.27	HomeDepot	\$ 530.71	\$ 575.82		
4	PermaFloat Model # 2420 Internet # 203584024 24 in. x 48 in. x 20 in. Dock System Float Drum	16	\$ 131.49	HomeDepot	\$ 2,103.84	\$ 2,282.67		
5	WeatherShield Model # 253919 Internet # 206968441 Store SKU # 1001754821 5/4 in. x 6 in. x 8 ft. Decking Board for ramp	8	\$ 5.67	HomeDepot	\$ 45.36	\$ 49.22		
6	Model # 107523 Internet # 206937440 Store SKU # 1001753992 2 in. x 8 in. x 10 ft. #2 Prime Ground Contact Pressure-Treated Lumber	40	\$ 10.67	HomeDepot	\$ 426.80	\$ 463.08		
7	2 in. x 8 in. x 10 ft. #2 Prime Ground Contact Pressure-Treated Lumber Main Structure braces	12	\$ 10.67	HomeDepot	\$ 128.04	\$ 138.92		
8	2 in. x 8 in. x 10 ft. #2 Prime Ground Contact Pressure-Treated Lumber walkway/ramp	4	\$ 10.67	HomeDepot	\$ 42.68	\$ 46.31		
9	used tires	2	\$ 10.00		\$ 20.00	\$ 21.70		
10	Cement 60 lb bag, Ken will donate 4 bags also.	2	\$ 2.90	HomeDepot	\$ 5.80	\$ 6.29		
11	Washer plate backing Perma Model # HLW Internet # 100431484 Dock System Hardware Washer Plate. 1.49/ea	106	\$ 1.49	HomeDepot	\$ 157.94	\$ 171.36		
12	Conspins set	4	\$ 4.99	HomeDepot	\$ 19.96	\$ 21.66		
13	Metal Inside Corner Model # HLIC Internet # 202026727 5 in. x 8.75 in. x 5 in	12	\$ 13.63	HomeDepot	\$ 163.56	\$ 177.46		
14	Blue Wave Model # NE1225S Internet # 203414405 Stainless Steel In-Pool Ladder	1	\$ 133.89	HomeDepot	\$ 133.89	\$ 145.27		
15	Blue Wave Model # NE1228PR Internet # 205090682 Aluminum Deck Flanges for Pool Ladder	1	\$ 9.97	HomeDepot	\$ 9.97	\$ 10.82		
16	PermaFloat Model # HLA Internet # 100431481 2-3/4 in. Dock System Angles	70	\$ 3.99	HomeDepot	\$ 279.30	\$ 303.04		
17	Male Outside Corner 5 in. x 10 in. x 5 in. Metal Model # HLDCM Internet # 202026726	4	\$ 16.89	HomeDepot	\$ 67.56	\$ 73.30		
18	PermaFloat Model # HLSM Internet # 100431483 Dock System Male T-Connectors	2	\$ 10.61	HomeDepot	\$ 21.22	\$ 23.02		
19	PermaFloat Model # HLOCF Internet # 100431476 Dock System Female Outside Corner	4	\$ 23.09	HomeDepot	\$ 92.36	\$ 100.21		
20	PermaFloat Model # HCR Internet # 100431485 Dock System Hardware Chain Retainer	2	\$ 18.86	HomeDepot	\$ 37.72	\$ 40.93		
21	Everbilt Model # 13950 Internet # 100338514 Store SKU # 273079 3/16 in. x 125 ft. Stainless Steel Wire Rope.	1	\$ 59.77	HomeDepot	\$ 59.77	\$ 64.85		
22	Lehigh Model # 74615-12 Internet # 100299148 Store SKU # 566737 3-Piece 3/16 in. Stainless Steel Wire Rope Clamp and Thimble Set. 6.37 ea	2	\$ 6.37	HomeDepot	\$ 12.74	\$ 13.82		
23	Everbilt Model # 803530 Internet # 204273470 Store SKU # 190828 3/8 in. -16 tpi x 3 in. Galvanized Coarse Thread Carriage Bolt (25-Piece per Box)	4	\$ 23.03	HomeDepot	\$ 92.12	\$ 99.95	amazon price	Carriage Bolt Hot Dipped Galvanized - 3/8"-16 x 2-1/2" FT - Qty-100 23.03
24	Everbilt Model # 802284 Internet # 204276381 Store SKU # 156727 3/8 in. Galvanized Flat Washer (25-Piece per Bag)	6	\$ 10.09	HomeDepot	\$ 60.54	\$ 65.69	amazon price	Steel Flat Washer, Hot-Dipped Galvanized Finish, ASME B18.22.1, 3/8" Screw Size, 7/16" ID, 1" OD, 0.083" Thick (Pack of 100) 10.09
25	Everbilt Model # 802244 Internet # 204274099 Store SKU # 154307 3/8 in. -16 tpi Galvanized Hex Nut (25-Piece per Bag) 4.95/bag	4	\$ 17.54	HomeDepot	\$ 70.16	\$ 76.12	amazon price	Crown Bolt 07560 3/8 Inch-16 Coarse Thread Hot Dipped Galvanized Steel Hex Nuts, 100-Count
26	Lag SCREW to attach floats Everbilt Model # 803876 Internet # 204645647 Store SKU # 264517 3/8 in. x 2 in. Galvanized Hex Lag Screw	128	\$ 1.02	HomeDepot	\$ 130.56	\$ 141.66		
27	Deck Screws Everbilt Model # 115814 Internet # 204811966 Store SKU # 135238 #10 3-1/2 in. Phillips Flat-(5 lb.-Pack)	3	\$ 27.48	HomeDepot	\$ 82.44	\$ 89.45		
28	Everbuilt #2 x 30" Stainless steel link chain #806450	2	\$ 40.80	HomeDepot	\$ 81.60	\$ 88.54		
29	SHIPPING	1	\$ 75.00	HomeDepot	\$ 75.00	\$ 81.38		
30	Local TAX							
31	TOTALS				\$ 4,951.64	\$ 5,372.53		