



City of Sidney, MT
Park and Recreation Committee Meeting 2-12-2024
February 12, 2024 5:30 PM
115 2nd Street SE |Sidney, MT 59270

The City Council meetings are open to the public attending in person, with masks encouraged when social distancing cannot be accomplished. If the public does not wish to participate in person, they are also invited to participate via a Zoom meeting. You can participate via phone:

Meeting ID: 713 080 5898 Passcode: 4332809 Call: 1-346-248-7799

1. New Business

[a.](#) Svarre Pool (continued)

[b.](#) Tennis court

February 12, 2024

Park and Recreation Committee
Sidney City Council

RE: Svarre Municipal Pool
Proposed Permanent Bulkhead Installation

In review and response to the information provided by Interstate Engineering, Inc. on behalf of the Sidney Tiger Sharks swim team regarding the proposed permanent bulkhead installation for the Svarre pool. The following is my attempt to summarize and give my opinion of the information provided by Interstate Engineering, Inc. in the January 9th, 2024, informational packet and letter.

- **Availability of Lap Swimming.**

Currently all lap swimming takes place during adult open swim Monday through Friday on the deep end (north) half of the pool. All lap swimmers do the cross-pool laps of 25 meters as a small group of water aerobics takes place at the same time within the mid-shallow (south) end of the pool. Some lap swimmers utilize the dive pool portion to get the extra 10 meters however, this only accommodates two or three lap swimmers at most. The remaining swimmers utilize the 25-meter cross lap.

Most of the consistent swimmers would prefer to swim the full length 50 meters. We do have a letter from one adult swimmer asking to swim the full 50-meter laps. Also keep in mind that the swim team uses the 50-meter length during practice for conditioning of the older swimmers. The younger team members typically swim the 25-meter length.

- **Concerns with weight of permanent bulkhead.**

The structural analysis calculations provided are well above any area of expertise I have. Although provided, they mostly analyze shear, bending and overturning of the bulkhead with very little information is provided regarding the loading or the amount of weight and the effects the bulkhead would have on the existing pool floor or the bearing capacity of what lies beneath the pool floor. I feel further information would likely require destructive testing of the current pool floor to properly analyze the effects.

Page 2 of Attachment 3 does state "Assumed Soil Properties" even though a geotechnical report from the original construction of the pool is provided. This plainly appears to be an unknown factor and finding actual answers would require destructive testing.

- **Risks with permanent bulkhead design.**

The opening sentence of the paragraph says exactly what we fear most; "**There are always risks when working with unknowns.**" Not that this 33 year old geotechnical report doesn't hold water however, the report states in paragraph E.2, Review of Plans and Specifications, that the report is based on a conceptual set of plans and not the full construction plan set and specifications. Given this information, the installation of a permanent bulkhead may leave the city in a moderate to high-risk category.

- ***Gravel Under the Existing Pool Slab.***

As the paragraphs state, destructive testing would be required to answer this question. In my opinion, if an aggregate base course was installed with the original pool construction and if a soil geotextile product was not used at the time of construction, there would likely be a low expectation that much original aggregate would still remain.

- ***Mud Jacking and Signs of Distress.***

Mud Jacking is not typically used for structural support. Mud Jacking is grout used to lift sunken sidewalk slabs and stoops. It is commonly used to fill voids under concrete construction. Much of the current deck around the pool has been mud jacked within the first couple of years of original construction and has mostly all failed. The city crews have repaired some of the original deck and did some other minor repairs spring 2023 with most of the deck drains.

- ***How Will Floor Cracks be Addressed.***

The city crews have performed some crack repairs to the pool walls in recent years. Cracks repairs typically consists of grinding out the crack and using a hydraulic epoxy concrete product to fill and seal the void. This exposed area is then painted. Sikaflex products are typically used for horizontal deck/sidewalk crack repairs and concrete cold joints.

- ***Catastrophic Failure and Shutdown.***

In contrary to the letter, the bulkhead is the least likely to see catastrophic failure. The likely failure would be the existing pool floor and floor/wall structure from the installation of the bulkhead.

If the pool floor was to fail, one of two options would likely be the answer. Either construct a new floor to the effected area or the installation of a pool liner. Both of these scenarios would require the pool to be shut down for extended periods of time to complete the repairs.

- ***Is the Pool Leaking.***

To the best of our knowledge the pool does not appear to be leaking. The water used for the pool operation is not currently metered to gauge from season to season the exact water usage. No leak testing or study has ever been completed to the best of our knowledge.

- ***Would a Permanent Bulkhead Increase this Possibility.***

The installation of the permanent bulkhead could likely leave the city in a moderate to high risk of catastrophic failure or failure to some degree thus causing unnecessary water usage.

Final Comment and Concerns

As an inherited caretaker of this facility, I see this project as more of a detriment rather than benefit to the facility. Although the swim team is an important extra circular activity for the youth of our community, the installation of the permanent bulkhead could possibly lead to serious consequences in future years ahead. A temporary bulkhead installed annually for the one to possibly two events/year would keep this facilities options open for future use.

This facility celebrated its 30th anniversary of service to our community just last year and has held up remarkably compared to other facilities around the state. This is likely due to the careful care that has been given over the years of service.

One of the major concerns I have is the annual spring cleaning of the pool tank. This operation consists of using a fire hose and nozzle to pressure wash/flush the algae, sludge, debris, and animal carcasses from the pool tank. The tank is then washed with a diluted acid base water mixture to remove the algae base to bare concrete, then rinsed again with the fire hose and nozzle. The permanent bulkhead would be considered a confined space and therefor much consideration and precaution would be required for the safety of personnel completing the annual cleaning task.

Feel free to ask any further questions concerning this issue at your convenience.

Thank you;

CITY OF SIDNEY

Jeffrey J. Hintz, PWD

Department of Public Works

Cc: File
Rick Norby, Mayor

U:\jhintz\Documents\Park Rec Committee Svarre Municipal Pool 02082024.doc

From: Jason Lindseth <jason@rmhardscapes.com>
Sent: Monday, February 12, 2024 4:47 PM
To: Jeff Hintz
Subject: Sport Court Proposal for Sidney Outdoor Courts
Attachments: SportGamePB.pdf; Sidney Sport Court Proposal.pdf; Lion's Park Tennis & Pickleball Courts 2.jpg

Caution! This message was sent from outside your organization. [Allow sender](#) | [Block sender](#)

Jeff,
Attached is the quote for the PB & tennis courts project in Sidney.

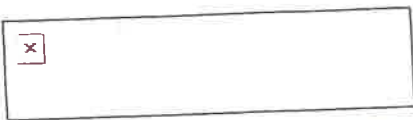
I pushed Sport Court corporate to engage in some meaningful discounting of the tile. They did and I also brought discounting from my end to get this quote as aggressive as possible. This is the lowest per square foot price that I have ever quoted on the Sport Game PB tile by quite a bit. I figured that might be good info to have when you bring this to the committee.

I've also attached info on the Sport Game PB tile. It is undoubtedly the right tile for the project. Our PB tile is the Official Modular Tile Surface Partner of USA Pickleball and is featured at Professional Pickleball Association tournaments as the Official Portable Court of the PPA Tour. SportGame PB products are used at the grand slam tour events

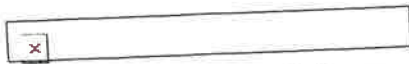
Another point to make about the Sport Court tile as compared to acrylic surfaces is that Sport Court can install over a traditional concrete slab. It does not need to be a post tension slab like acrylic would require, which saves a considerable amount of money on the concrete. Acrylic surfaces also require recoating as often as every 4 to 5 years. This might already be info that you know but thought I'd throw it out anyway. Let me know if you have other questions or need anything else for your committee meeting.

Thanks!

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Jason Lindseth
Owner
Ph. (406) 781-4151
915 Crescent Drive
Great Falls, MT 59404



www.rmhardscapes.com



www.sportcourtofmt.com



SPORT COURT OF MONTANA

915 Crescent Drive
Great Falls, MT 59404

Item b.

Date 2/3/2024

QUOTE

Salesperson

Job

Payment Terms

Jason Lindseth 406 781-4151

6 Pickleball Courts and 2 Tennis Courts (27,921 SF)

50% down, Balance due on completion

Qty	Description	Unit Price	Line Total
324	Boxes of Sport Game PB outdoor tile, pickleball court color 1 (Main Color)	\$212/box	\$68,688
109	Boxes of Sport Game PB outdoor tile, pickleball court color 2 (Kitchen)	\$212/box	\$23,108
258	Boxes of Sport Game PB outdoor tile, tennis court color 1 (Border)	\$212/box	\$54,696
175	Boxes of Sport Game PB outdoor tile, tennis court color 2 (Court color)	\$212/box	\$37,100
	Volume Discount from Dealer		(\$29,920)
	Freight for Sport Game PB athletic tile (estimated)		\$2,000
	Court tile installation & custom line painting		\$15,980
	<ul style="list-style-type: none"> Includes lines for 6 Pickleball courts and 2 Tennis courts Lines painted with 2 part urethane based paint for max durability Bid based on white colored lines 		
6	First Team Sentry PKPS Pickleball net system	\$1,157	\$6,942
	<ul style="list-style-type: none"> https://www.firstteaming.com/tennis-pickleball-equipment/tennis-pickleball-sets/sentry-pickleball Assumes net system sleeves are installed by concrete contractor when the slab is poured 		
	Freight for Sentry PKPS net systems (estimated)		\$400
			\$178,994
	Bid includes delivery of all materials to site at the time of install		
	Bid does not include installation of concrete slab		
	Quote is valid for 60 days		\$178,994
	Thank You!		



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Engineered to optimize authentic pickleball play from a company with over 45 years of experience building game courts.



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Specifically engineered to maximize performance while optimizing safety for pickleball players of all ages. The UV stabilizers and patented formula keeps your outdoor court looking and playing at peak performance for the life of the court.



Ball Response

Developed to optimize ball bounce and response for pickleball. With the added benefits of injury protection, maximizing play.



Safe

Lateral Forgiveness, technology absorbs shock, lessening impact and risk of injuries. And SportGame PB's textured surface and slip form, also provide the balance between wet and dry traction and low skin abrasion, keeping athletes safe.



Trusted

Sport Court is the Official Modular Tile Surface Partner of USA Pickleball and is featured at Professional Pickleball Association tournaments as the Official Portable Court of the PPA Tour. Players of all skill levels can experience the playability and benefits of the SportGame PB products at the grand slam tour events.



Sport Court is proud to be the official court of the world's leading athletes in the FIVB.

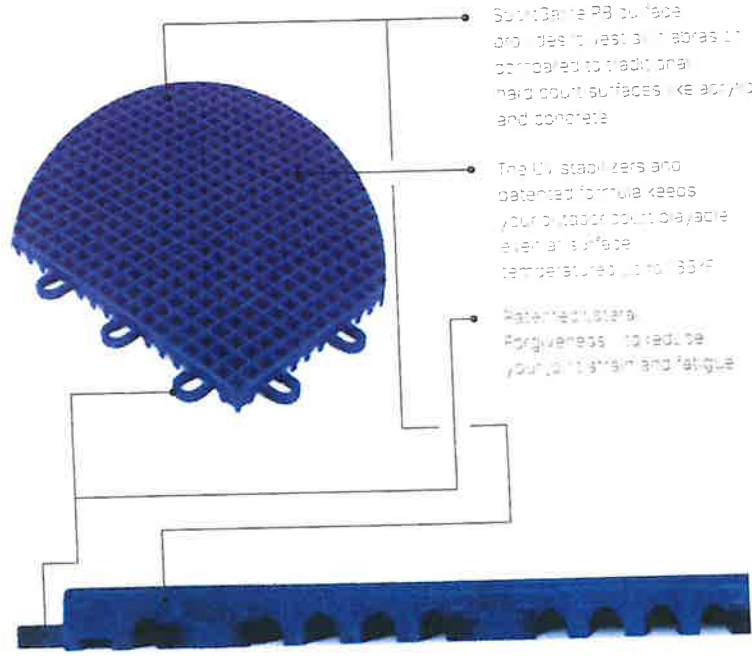


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- Reliance on over 45 years of experience in construction, service and maintenance of sports surfaces
- Ongoing service and support is only when Courtbuilders who live and work in your community



Sport Game PB surface provides the best ball abrasion compared to traditional hard court surfaces like acrylic and concrete

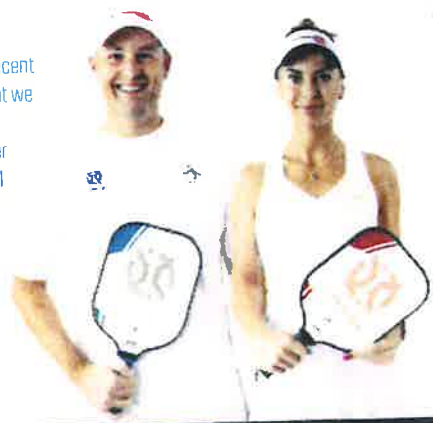
The UV stabilizers and patented formula keeps your outdoor court playable even in surface temperatures up to 135°F

Water-repellent forgiveness to reduce your court stain and fatigue

Size	9'8 1/2" x 9'8 1/2" x 1 1/2"	<input checked="" type="checkbox"/>
Weight	45 lbs	<input checked="" type="checkbox"/>
Shock Absorption EN 14808	75%	<input checked="" type="checkbox"/>
Skin Abrasion ASTM F1015	37%	<input checked="" type="checkbox"/>
Lateral Forgiveness™	-0.075" - 10"	<input checked="" type="checkbox"/>
Friction EN 14877	102 BPN Dry 87 BPN Wet	<input checked="" type="checkbox"/>
Ball Rebound EN 12235	100% ball bounce	<input checked="" type="checkbox"/>
Quality	ISO 9001 ISO 14001	<input checked="" type="checkbox"/>
Recycling	100% recyclable	<input checked="" type="checkbox"/>
Country	USA made	<input checked="" type="checkbox"/>
Warranty	15 year limited	<input checked="" type="checkbox"/>

"It is exciting how much pickleball has grown in recent years and we want everyone to play the game that we love so much. Sport Court's new and innovative pickleball-specific surface is better than any other modular surface we've tried. The traction and ball bounce result in a very fun game. We are excited to see Sport Court pickleball courts popping up around the country, providing families and individuals more opportunities to play."

- Pickleball Pros Matt Wright & Lucy Kovalova



Available Colors



Item B3100 March 2023

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