



GREATER VALLEJO RECREATION DISTRICT

Mission Statement: *Building community and enhancing quality of life through people, parks, and programs.*

Website: www.gvrd.org

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Board of Directors

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In compliance with the Americans with Disabilities Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, please contact the District Office at 707-648-4604 or fax 707-648-4616. Requests must be made as soon as possible and at least three (3) full business days before the start of the meeting.

Facility and Development Committee Agenda

Directors: Aliga and McDonald

Monday, August 15, 2022

5:30 p.m.

Administrative Office – Board Room

395 Amador Street

This committee shall study and recommend acquisitions of real property and type of facilities that should be planned for new acquisitions, all joint planning and development programs for district facilities, including any additional facility needs and development of present parks. This committee shall review and, make recommendations for facilities and/or developments. This committee shall review matters related to engineering and operation of facilities an short and long-range capital improvement plans.

1. Assign Committee Chairperson
2. **Public Comment**
Members of the public may speak on any item within the jurisdiction of the Committee. Each speaker is limited to 3 minutes and a spokesperson for an organization is limited to 5 minutes.
3. Cunningham Aquatic Center Shade Proposal
4. Dan Foley Artificial Soccer Field Assessment
5. Vallejo Community Center Project - Update
6. 395/401 Amador Street Building Upgrades - Update
7. Blue Rock Springs Park Master Plan
8. Pickleball Outreach
9. McIntyre Ranch Property Condition
10. Art in Parks
11. City Park Update

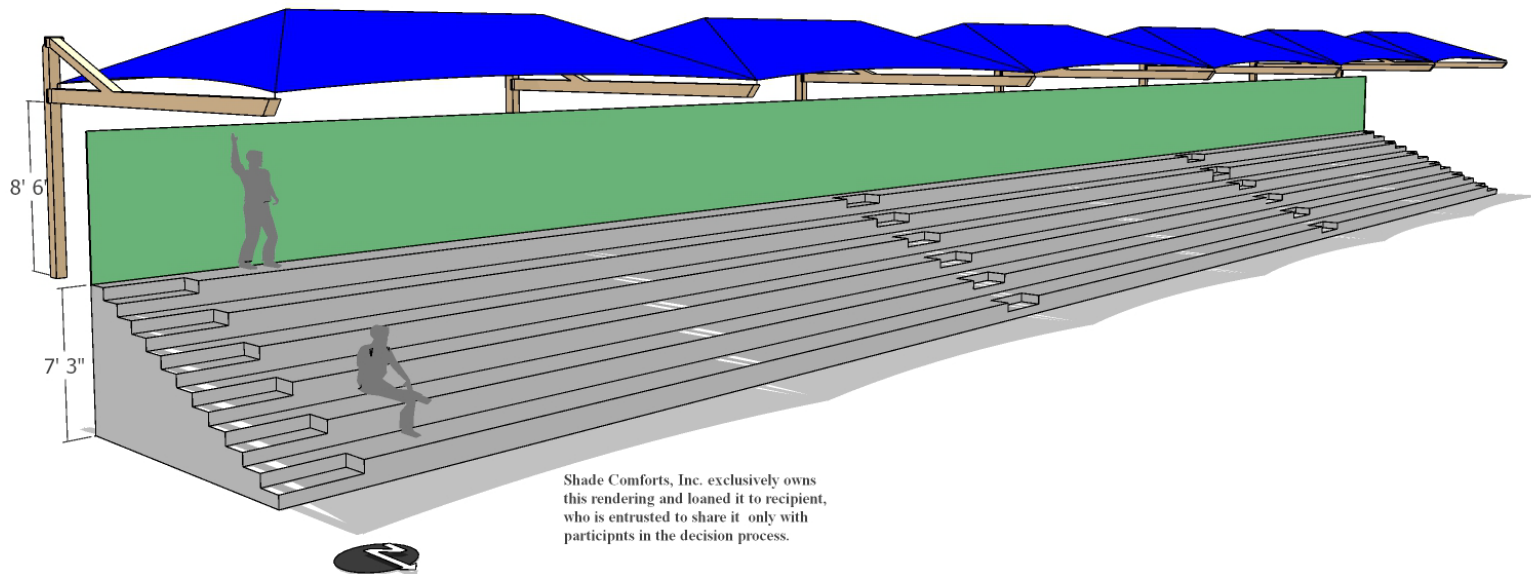
Next Meeting: TBD

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V1 Full Cantilever Shade Structure
John F Cunningham Aquatic Complex
ShadeComforts.com



Shade Comforts, Inc. exclusively owns this rendering and loaned it to recipient, who is entrusted to share it only with participants in the decision process.



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PROJECT: Dan Foley Park, Vallejo; Synthetic Field Resurfacing

Lloyd Project No.
21-180

Site Visit Date & Time: Wednesday August 3, 2022, 8am

Report by: Bob Milano Jr., Lloyd Consulting Group

PRESENT AT SITE:

Consultant: Bob Milano Jr.

Contractor: n/a

Owner: District Staff and Supervisor Chris Andrade <candrade@gvrd.org>

A site review observation, evaluation, and testing was conducted in and around the existing synthetic soccer and softball/youth baseball field at Dan Foley Park for the purposes of planning and replacing the synthetic turf surfacing and any associated deferred maintenance work.

1. The site was dry with no standing water on the field or adjacent landscapes.
2. The synthetic turf is at or very near the end its useful life with several obvious patches in high wear areas and a few minor spots where the turf has worn through to the backing and beyond.
3. The overall grade of the field was very uniform maintaining what appeared to be the original slope and features as designed.
4. The inlaid lines were straight, uniform, and very little waviness indicating settlement, shifting, and dislodging of materials under the turf surfacing had occurred since the original installation. A few localized minor depressions were visible on the surface, but no major settlement of any utility tranches or drain lines were evident.
5. Overall, from a surface observation the underlying structural base and associated underground infrastructure appears in good condition with no visible surface indications of major problems.
6. The venue is night lit and the field layout is a combined soccer and softball/youth baseball configuration.



Photo 1 – Overview

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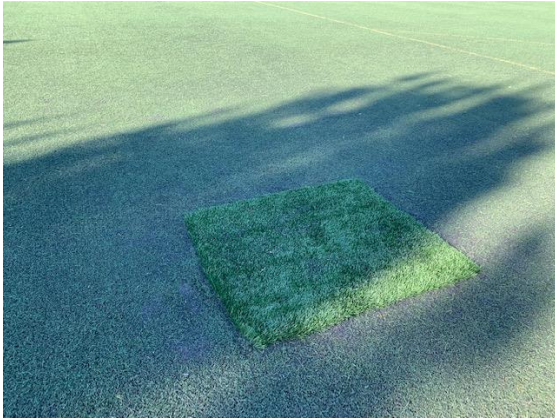


Photo 2 & 3 – Localized patches

7. All of the surface utility features and boxes were reviewed, and some adjustments and local repairs will be needed, particularly around the in-ground water cannon irrigation systems should they be retained as part of the project.



Photo #4 & #5 – In-ground Utilities

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- Lloyd gathered some samples of the existing in-fill and fiber. The infill appears to be a blend of clean sand and rubber particles. Based upon the shiny nature of the rubber surfaces and the clean angles it is likely that the materials are a "cryogenic" rubber. The fiber appears to be a 2" pile height all monofilament fiber.

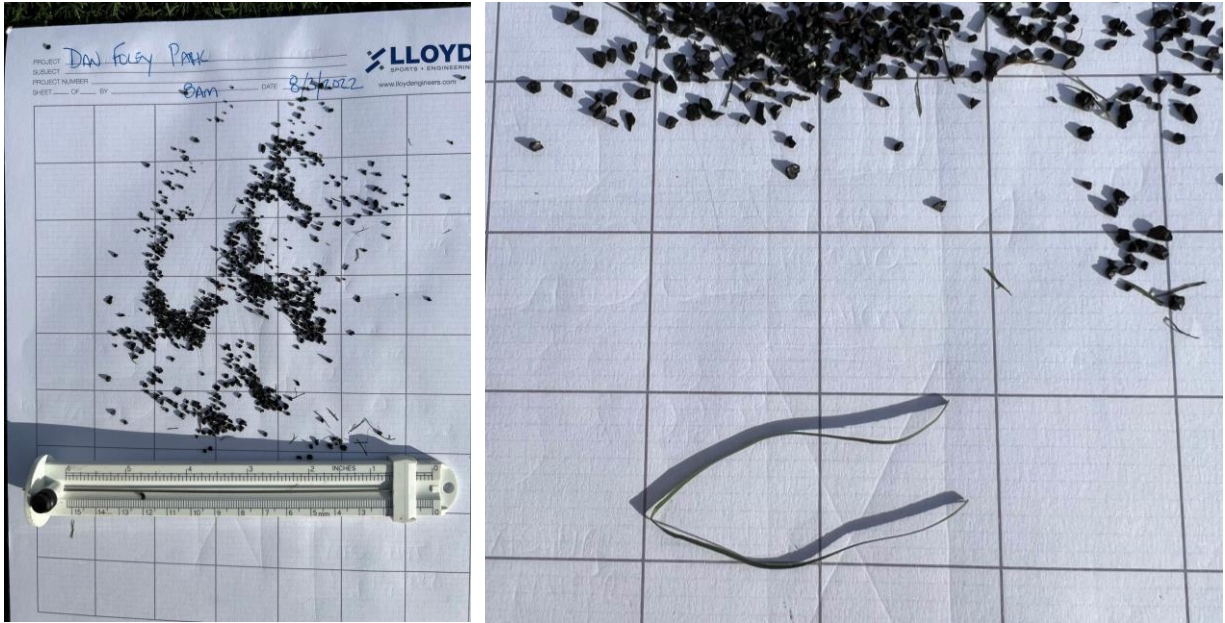


Photo #9 & #10 – Crumb rubber sample and Fiber turfing length

- Lloyd and the District team then carefully conducted a subsurface investigation of the existing system and to conduct an ASTM F2898-11 Infiltration Test. The results and findings of that exploration are as follows:



Photo # 11 – Northeast Corner Selected for Investigation

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- The carpet was carefully peeled back exposing the first layer of materials a white foam underlayment (Brock Power Base?). This material provides both shock attenuation for user safety and horizontal drainage just under the playing surface. The back of the turf was in good condition and indicated a FieldTurf product based on the manufacturing technique and wider tuft gauge.



Photo #12 – Underlayment



Photo # 11- Turf backing

- The underlayment was removed and revealed a base covered in a geofabric and an open stone infiltration drain trench filled with clean angular $\frac{3}{4}$ " stone. The assembly was very clean and no obvious signs of settlement, or lateral movement of silt, sands, or soils. The 30" to 36" wide infiltration trench was in good condition. Upon rolling back the geofabric it revealed a second fabric that lined/wrapped the infiltration trench.



Photo #12 Geofabric and Drain Trench



Photo # 13 – Geofabric Close-up

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Photo #14 – Overview



Photo #15 – Infiltration Trench

12. The perimeter nailer made of plastic/synthetic lumber was in serviceable condition and well anchored to the concrete perimeter band.



Photo #14 – Nailer



Photo #15 – Close-up

13. The underlayment is in fair condition and should withstand a resurfacing with only minor patch and repair after demolition of the turf. The product typical has a 20 - 25 year warranty.

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Photo #14 – Bottom side of Underlayment



Photo #15 – Close-up

14. An unconfined infiltration test was conducted on the base at the rolled back flap located in the Northeast corner of the field. (ASTM F2898-11 test method was used). The **test was formally inconclusive** as water was moving vertically into the infiltration drain and data could not be collected from this location. A test atop the fabric layer would have likely shed water even quicker to the underground drain system.



Photo 13 – Start of Test on



Photo 14 – Water Immediately draining

End of Report