

Attn: Andrew Davidson
City of Sausalito
Engineering Department
420 Litho Street
Sausalito, CA 94965

September 18, 2017

Re: Dunphy Park – Engineering Comments
(sent via email August 25, 2017)

Dear Andy,

Below are our responses (shown in bold) to your review comments, sent via email August 25, 2017:

General comments

1. How are add alternates to be accommodated in these sheets? **Landscape has incorporated an alternatives plan.**
2. Where is the construction fence shown? **Added to the Demolition Plan on Landscape.**

C0.0

1. Don't anticipate paleontological discoveries. **Noted.**

C1.0

1. Where is transition between the B & J/C4.0 curbs? **Transition callouts have been added.**
2. Where are pavement markings/arrows? **See Landscape Plans.**
3. Sheet L0.1, Layout Notes does not include 16' long parking stalls. **See Landscape Plans.**

C2.0

1. Trash enclosure should have a roof and sanitary sewer connection. Pad should not drain to pavement. Spot elevations are not correct. **Trash enclosure has been updated to include a roof, area drain, connection to sanitary sewer. Grading has been revised.**
2. Additional grades required for all curb ramps to ensure compliance. Ramp west of proposed restroom appears to have a 10% slope, by scale. **Additional spot elevations have been added, locations of ramps have been revised.**
3. Additional grades needed in island in parking lot. **Note 3 has been added to address this.**
4. Grading at the N/W corner of the parking lot, vicinity of (E) Galilee Bldg. is not correct. Slope, contour and spot elevations don't agree. **Grading has been revised adjacent to (E) Galilee building.**
5. Grading at S/E corner of the parking north/south parking lot does not seem to work. Are these grades TC or TP, is the curb flush here? 9.92, 10.03, 9.93, 10.12 & 10 contour. **Grading has been revised in this area.**
6. The contours adjacent to the volleyball court, westerly side, do not show a swale per the flow direction arrow. **Landscape to adjust contours.**

C3.0

1. See C2.0, 1. Sanitary sewer connection. **See response to C2.0, 1.**
2. The Cruising Club needs to be provided with a sanitary sewer connection from the end of its existing flexible pump out. Drawings need to show something to allow contractors to bid. **Per direction from Jonathon Goldman, Public Works Director, this has been left off the plans.**
3. Need to determine to provide info on maintaining access to cruising club, marina and (E) Galilee Bldg. **Note added to the Demolition Plan on Landscape.**

4. Provide plan dimensions on storm drain outfall H/C4.0. **Dimensions have been added to detail and size has been updated on the plan view.**
5. How are the locations of traffic rated, accessible grates inlet shown determined? **Information has been added to the plan where Catch Basins are labeled.**
6. Recommend that the new intercept vault dimensions, (e) pipe sizes and their invert elevations be the contractor's responsibility. Have this verified in the field before order place for this element. **Note has been added to the plan.**
7. Underground pipe below volleyball court needs to connect to a SD pipe. Screened UD line type should be added to Legend. **Storm drain pipe has been added for this connection.**
8. How does the (e) Galilee Bldg. sewer? Will it be intercepted by the proposed new onsite 6"SS? **It is anticipated that all future connections will tie into the (P) Sanitary Sewer Man Hole either via gravity or with an ejector system similar to the Cruising Club. Per direction from Jonathon Goldman, Public Works Director, this has been left off the plans.**

C4.0

1. Detail A.
 - a. What is the dimension of the geogrid turn up? **Geogrid turn-up has been removed.**
 - b. "Subgrade preparation" per geotechnical report – is it referenced in the specifications? **An additional section has been added to the specifications to cover subgrade under porous asphalt.**
2. Detail E
 - a. Either on a single Civil or Landscape sheet, all signage related to accessibility should be shown. **Details have been added to the Civil Plan for signage.**
3. Detail F
 - a. Don't think this is correct for this location, it's not accessible. Suggest UCS 115, Apron Offset Sidewalk. **Driveway has been revised and UCS 125 has been used for the detail.**
4. Detail H
 - a. What are plan dimensions? County of Sonoma Drawing No. 402 might be applicable. **Dimensions and additional information has been added.**
5. Detail J
 - a. Suggest not showing sidewalk. Detail 2/L4.0 is against back of rolled curb. **Sidewalk detail has been removed.**

C4.1

1. Detail C
 - a. Note 1 – where is this done? **This has been added to sheet C3.0 where the Catch Basins are specified.**

C4.2

1. Detail A
 - a. Plan – should there be two MH cover access points. **An additional MH cover has been added.**
 - b. Will this float? There is a high water table. **A thickened bottom slab has been added for anti-buoyancy purposes.**
2. Detail B
 - a. Should be a Sanitary District 1 Manhole Bae in Bay Mud, SD 2.3 with geofabric wrapping rock and wood planks. **Detail has been updated.**
 - b. Pipeline should be Sanitary District 1 Bay Mud Trench Detail, SD 4.1 with geofabric wrapping 1-1/2" crushed rock and wood planks. **Detail has been updated.**
 - c. Geofabric may be Mirafi, 140N; US Fabrics, US 135-45NW; Carthdage Mills, FX 45-45HS. **Detail has been updated.**
3. Detail E

- a. Not clear on how this is to operate. **Contech has been consulted and will be providing detailed construction drawings for this and the interceptor vault.**
4. Detail F
 - a. Notes – Suggest contractor to field verify field dimensions prior to ordering fabrication of vault. **Note has been added.**
 - b. Section – Invert elevation of box? **Invert has been updated.**
 - c. Plan – (E) 24" SD, not (P). **Detail has been updated.**

C5.0

1. The specified wattle appears to be fixture aperture and needs to be monitored to ensure no wildlife gets trapped and needs to be completely removed at end of project. **Note has been added.**
2. S-Fence appears to go out into the bay. It should not extend past the limit of work line, nor should it be placed where it can be knocked over by tide unless there is a need. **S-Fence has been added.**
3. Wattle shown along eastern edge is shown perpendicular to contours, don't believe this will be effective. **The intent was to prevent sediment from leaving the site along the property line. Additional S-wattles have been added parallel to the contours.**

C5.2

1. Detail D
 - a. Rock shall be 3" to 4". **Detail has been updated.**
 - b. Thickness not less than 12 inches. **Detail has been updated.**

Please feel free to contact us with any questions or comments. Thank you for your help with this project.

Sincerely,



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