

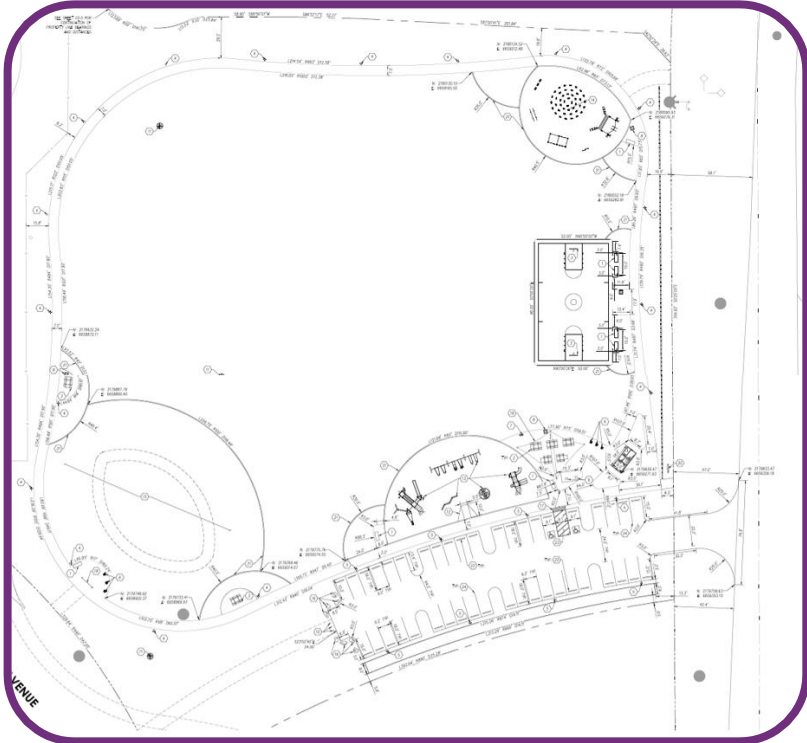


Purchase of Prefabricated Restroom Building for Harter Parkway Park



**Presentation By:
Diana Langley, Public Works Director**

Restroom Purchase – Harter Parkway Park Exhibits



Restroom Purchase – Harter Parkway Park Analysis



- Through the design process, multiple cost options have been presented for certain components, including the proposed restroom
- Nearest sewer line is 300 feet south of park parcel, and 370 feet south of proposed restroom location
- Staff analyzed four different options to determine most cost effective option moving forward

Restroom Purchase – Harter Parkway Park Option 1



- Extend existing 18” sewer main northerly 370 feet to restroom location and install sewer lateral to restroom
 - Approximately \$250,000 initial cost
 - This estimate does not include additional traffic control costs, which may be expensive along Harter Parkway (Roughly \$25,000 additional cost)

Restroom Purchase – Harter Parkway Park Option 2



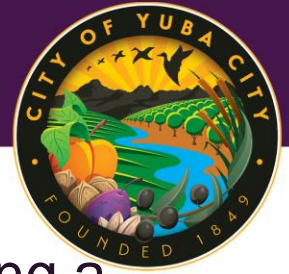
- Extend 12” sewer main intended for future Jefferson Avenue, westerly, and install nearly 370-foot lateral near City’s right-of-way from 12” main to proposed restroom
 - Approximately \$190,000 initial cost, not including traffic control costs for manhole in intersection
 - May be difficult to meet necessary slopes for lateral due to existing above and underground utilities near right-of-way (AT&T, PG&E, Comcast)

Restroom Purchase – Harter Parkway Park Option 3



- Install 370-foot lateral that runs directly from the proposed restroom to the existing manhole near future Jefferson Avenue
 - Approximately \$166,000 initial cost, not including traffic control costs near manhole
 - May be difficult to meet necessary slopes for lateral due to conflicts with existing above and underground utilities near right-of-way (AT&T, PG&E, Comcast)

Restroom Purchase – Harter Parkway Park Option 4



- Install a prefabricated restroom building from Green Flush Technologies, LLC (Green Flush), containing a 3,350-gallon septic tank, and accommodations available for future connection to City sewer
 - Approximately \$145,313.57 initial cost +\$1,500 pumping cost every three months (\$6,000 annual cost)
 - No utility conflicts or traffic control costs
 - Will have sewer stub installed for easy future connection when sewer main is built out

Restroom Purchase – Harter Parkway Park

Why Green Flush?



- Through the selection process for the restroom, staff viewed septic and non-septic models from multiple restroom companies including the following:
 - Exeloo LTD
 - CXT Concrete Buildings
 - Green Flush Technologies, LLC
 - Portland Loo
 - The Public Restroom Company
- After researching the various types and models from the various companies, Green Flush was deemed the superior option based on multiple criterion

Restroom Purchase – Harter Parkway Park

Why Green Flush?

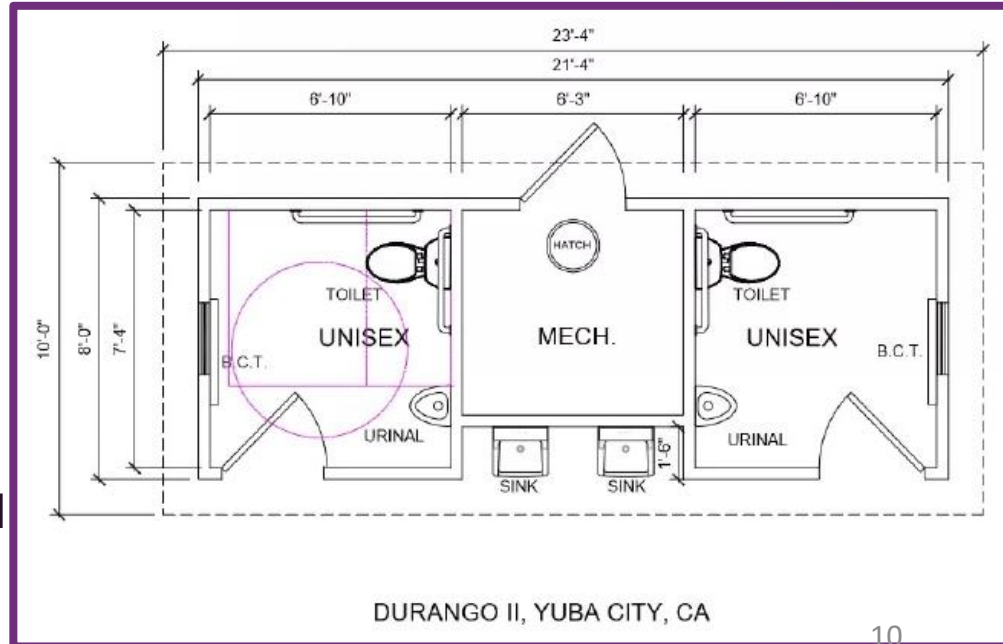


- Green Flush exceeded other companies based on the following criterion:
 - Cost
 - Interior/Exterior Aesthetics Options
 - Ventilation/Odor Elimination
 - Solar Powered Lighting and Tank Fill Level Alarm
 - Level of Customization to City's needs/desires
 - Ability to provide model with ability to provide a septic tank, easily convertible to utilize City sewer
- Green flush has provided custom models for many Local, State, and Federal Parks, as well as tribal communities and the US Air Force

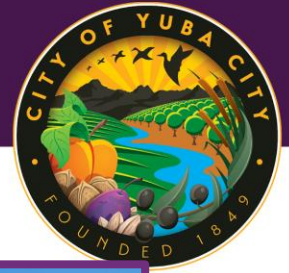
Restroom Purchase – Harter Parkway Park Green Flush Features



- The City's proposed model will include the following:
 - 2 ADA-compliant unisex restrooms
 - Baby Changing Tables
 - Exterior sinks per the Park's departments request
 - 3,550 gallon septic tank, with cap for future sewer connection, and easy-access vault lid
 - Ventilation
 - Text message alert for high tank levels
 - Water connection by City
 - Solar powered lighting (interior and exterior)
 - Skylights
 - Ventilation system



Restroom Purchase – Harter Parkway Park Green Flush Features

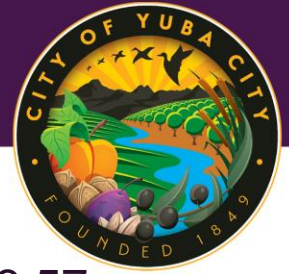


Model shown with lap siding.



Front view of Durango II model. City's model will have lap siding and exterior sinks.

Restroom Purchase – Harter Parkway Park Fiscal Impact



- Based on Green Flush's quote, design, construction, shipping, crane rental, and construction support will cost \$145,313.57
- Purchasing directly from Green Flush will allow City to avoid a 20% contractor mark-up
- Purchase will be funded through Account No. 901207 (Harter Parkway Park and Bike Path)
- Currently there is an approximate balance of \$1,565,000 in Account No. 1207
- The analysis showed that it would take three years of use before the septic pumping costs would bring the total cost of the Green Flush system to the second-lowest price option

Restroom Purchase – Harter Parkway Park Alternatives



- Direct staff to fund only design costs for this restroom and include the restroom installation within the bid schedule of the park project. This will increase the cost due to contractor markup, and may delay completion of the project
- Direct staff to utilize another option from the cost analysis. This will cause the project design to be delayed, and increase the project costs significantly

Restroom Purchase – Harter Parkway Park Recommendation



- Adopt a Resolution authorizing the purchase of a custom Durango II Vault Restroom from Green Flush Technologies, LLC, on behalf of the City subject to approval as to form by the City Attorney, subject to material terms, with the finding that it is in the best interest of the City