

RECEIVED JAN 15 2021

CAPE GEORGE COLONY CLUB
61 CAPE GEORGE DRIVE
PORT TOWNSEND, WA 98368

PHONE: (360) 385-1177
FAX: (360) 385-3038

FILLS, EARTHWORK, PERC TEST HOLES, CULVERTS & DRAINAGE
PERMIT APPLICATION

Name: <u>Nathan D. Brown</u>		Date: <u>1-14-21</u>
Mailing Street Address: <u>P.O. Box 975</u>	City: <u>PRESTON</u>	State & Zip: <u>WA. 98050</u>
Telephone No. (day): <u>425-495-5778</u>	Telephone No. (evening): <u>SAME</u>	
Contractor: <u>NOT DECIDED YET</u>		
Legal Location: <input type="checkbox"/> Colony <input checked="" type="checkbox"/> Village <input type="checkbox"/> Highlands	Lot No. <u>20</u>	Div No. <u>6</u> Blk No.: <u> </u>
Street Name and No.: <u>53 BAY RIDGE CT</u>		

Nature of work requested: (Please attach a rough sketch of project, showing approximate distance to nearest property corner.)
SEPTIC INSTALLATION - ATTACHED

Please answer the following questions	Yes	No
Will this project lie within 25 feet of the Club right-of-way?		X
Will this project lie within 5 feet of adjacent property line?		X
Will this project require cutting into roadway or shoulder?		X
Will this project involve tightlines entering or crossing over Club property? (if yes, please answer questions on reverse.)		X
Contact Building or Road Committee Chair upon completion of your project		

Owner's Signature: Nathan D. Brown Date: 1/14/21

----- CLUB USE ONLY -----

We have reviewed this application and recommend		Approval <input checked="" type="checkbox"/>	Disapproval <input type="checkbox"/>
• Reason for disapproval:			
Building Committee (signature): <u>W.F. [Signature]</u>	Date: <u>1/15/21</u>	Or	Road Committee (signature): Date:

We have inspected this project and certify it in compliance with Club Regulations.			
Building Committee (signature):	Date:	Or	Road Committee (signature): Date:

Design Parameters:

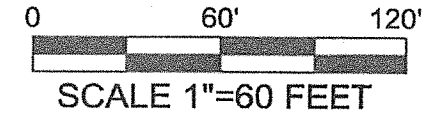
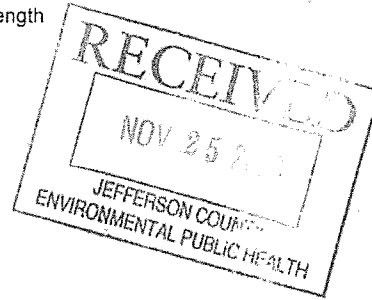
This system is designed to process 360 gallons of typical residential strength sewage per day with infrequent peak flows of 480 gallons/day. Extended flows above 360 gallons/day or at waste strength above parameters, may cause system failure.

Septic Tank effluent design strength parameters (maximum levels):

- CBOD5: ≤ 125 mg/l-Carbonaceous Biochemical Oxygen Demand
- TSS: ≤ 80 mg/l-Total Suspended Solids
- FOG: ≤ 20 mg/l-Fats Oils and Greases

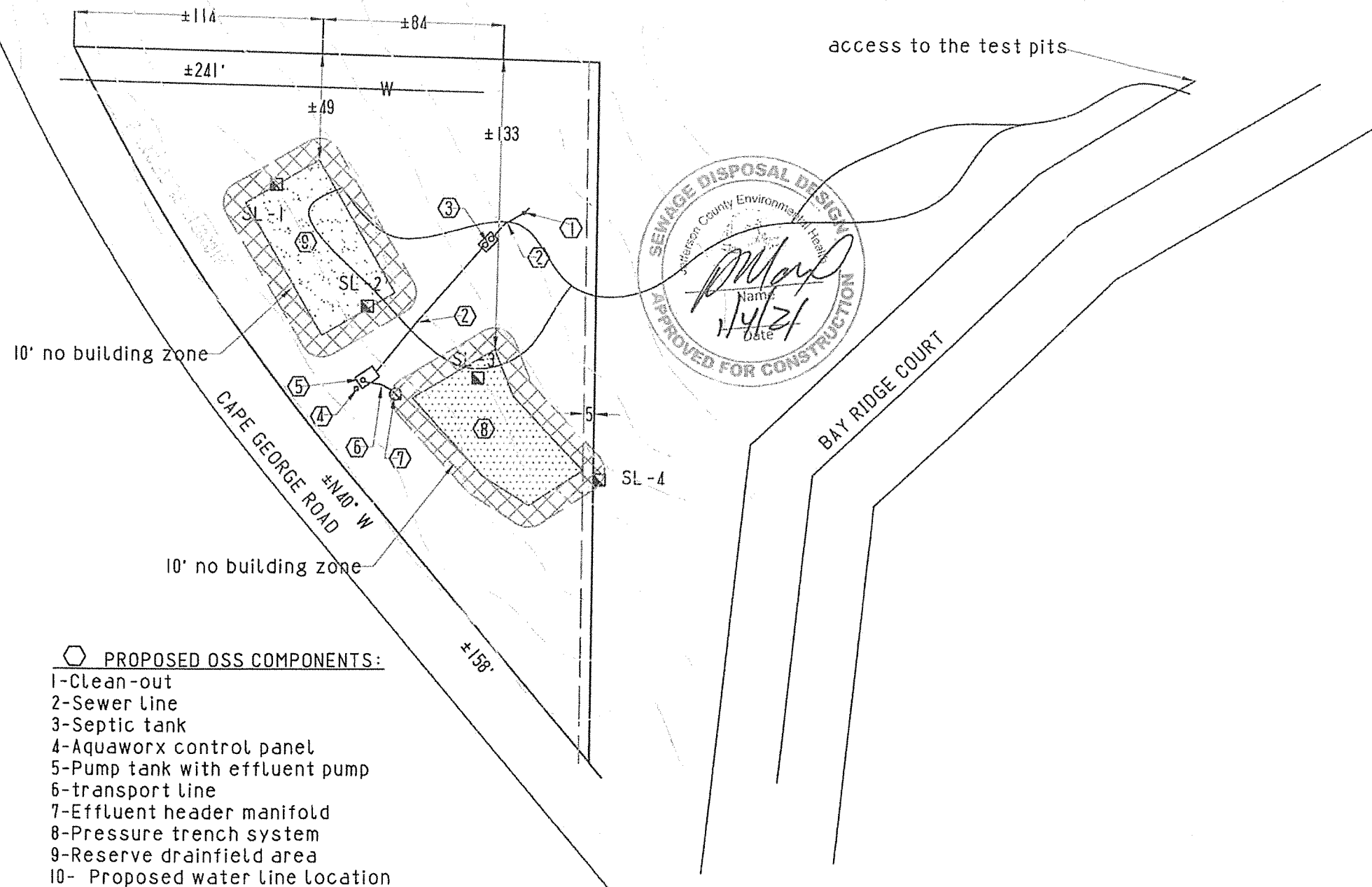
The intention of this permit application is to provide a permitted OSS for a single family residence. This can be either two 2 bedroom sfr or a single 4 bedroom sfr. Site conditions are moderately sloped wooded parcel, that has been selectively cleared with primitive roads. Cape George colony water system is available.

Lot Area: ± 0.95
 Area Soils: Hoypus loamy sand; 15-30% slope
 Clallam gravelly sandy loam; 0-15% slope
 Topography lines & elevations from JCDCD website



Legend

- Soil Log
- WSDOH Wa. State Department of health
- JCPH Jefferson County Public Health
- OSS On-Site Sewage Disposal System



General Site Notes:

- Only household wastewater in the drainfield.
- Reserve area may require additional treatment.
- Any and all dwellings require evaluation and permit from Jefferson County
- Operation and maintenance required annually on this septic system.
- Direct all drainage away from drainfield & oss components.
- Establish vegetative cover as soon after installation, to minimize erosion
- Barriers will be required to protect all septic components (that are subject to vehicular traffic) including but not limited to: tanks, transport lines, disposal components. Transport lines may be sleeved instead of barriers placed.
- All water lines must maintain minimum of 10' horizontal separation from all septic containment, septic lines and disposal components.

PROPOSED OSS COMPONENTS:

- 1-Clean-out
- 2-Sewer line
- 3-Septic tank
- 4-Aquaworx control panel
- 5-Pump tank with effluent pump
- 6-transport line
- 7-Effluent header manifold
- 8-Pressure trench system
- 9-Reserve drainfield area
- 10- Proposed water line location

OCTOBER 2020



Prepared for:
 Nathan & Lisa Brown
 OSS Detail Design Site Plan
 Cape George Road-PT
 Parcel #941 400 018:
 Lot 20 Div 6 Cape Geo Village;
 S 13; T30N; R2W
 OCTOBER 2020, Sheet 1 of 2; 135-54