

PROPOSAL FOR THE DNR STRUCTURE REMOVAL -OPTION 2 STRAWBERRY BAY...CYPRESS ISLAND

This document is being offered by Alan Clarey a 50 year resident of Madrona Estates Inc. as a working example of how the DNR can accomplish their desire to remove all existing structures on the Cook acquisition and **not convert an existing fresh water wetlands** that has been documented to have existed for centuries into a saltwater wetland...it is being offered as one of at least 3 options open for discussion and negotiation...These and the options are just examples how DNR can accomplish their objective as one of the 3 options as stated in the Paul McFarlane correspondence of October 23, 2023. Modifications for the positive are possible as the final plan evolves.

Equipment Required

Equipment required for this option shall transported to the removal site by DNR or commercial landing barges, off loaded at the seaward of the Red Cabin.

- John Deere excavator or equivalent...excavator to be either a Model 120 or 150...either unit must be equipped a thumb, digging bucket and scrapping bucket...this unit should be in available from DNR inventory.
- 2 – Track Dumps
- Sufficient beach matting to off load the excavator and, dumps and other materials needed for the project.
- 2 Steel plates 8'-0" x 20'-0".
- Sufficient matting to access the main house at the rear of the property.
- United Rentals should have all the necessary equipment and materials for rent should the DNR not have some of it in their inventory.



Scope of Project

The removal of all DNR designated structures on the DNR property formerly owned by Phillip Cook and the restoration of the property to its original condition **except the current flow and direction of Stream 2 which will be maintained and not changed from its current status.** The reconstruction of the beach front and anything moved to expedite the removal of designated material, followed by raking and back seeding with native vegetation of any disturbed vegetation open ground caused by equipment upon completion.

Beach Entrance

- Off load all equipment and materials onto the beach at high tide.
- Anchor extraction barge seaward from the Red beach cabin.
- Remove and stage beach logs and gravel at the swimming pool for re-installation at the end stage of the project.
- Create an opening for the track hoe and the track dump beside the swimming pool area.
 - Move all equipment and other material through the opening adjacent to the swimming pool and stage for future use.

Deconstruction of Swimming Pool



- Remove all woody debris from inside the swimming pool and distribute around the site all non-native materials stage for removal.
- Crush and pulverize sides of swimming pool and leave in the pool for ramp material.
- Excavate Sea Gate pond area and place all the excavated tailings into the pool area as necessary to create a ramp over the pool...remove any additional beach logs necessary to complete the loading ramp and store for replacement later.
- Lower the berm if necessary to facilitate debris removal and stage rock removal for reconstruction.
- Place drive-able mats as necessary on the constructed ramp.
- Place beach mats in preparation for debris removal.

Deconstruction of Beach Front Structures

- Crush and pulverize Red beach cabin and all other structures and stage for removal.
 - Seal existing out house ground opening to protect the environment from residual fecal material.
- Remove and pulverize wooden bridge, footings and non-native materials and stage for removal.

Roadway Construction



- Replace wooden bridge with steel plates.
- Place appropriate drive-able mats from the bridge on the decades old **existing hardened** road bed that parallels Stream 2 all the way to the front yard of the main cabin.
- Remove any obstructing branches and fallen trees as necessary to access the main house.

Deconstruction of Main Cabin



- Relocate excavator and track dumps to main cabin area.
- Document all necessary items before removal.
- Pulverize the existing home and supporting structures so as to fit onto the Track Dumps and transport all debris to the extraction area.
- Rake and clean building site and back seed with native grasses and small as deemed necessary.
- Reconstruct the stream bed to mitigate any undue flooding guiding the water flow into Stream 2.
- Remove all equipment via the constructed roadway to beach loading the matting onto the Track dumps as they proceed to the beach.

Deconstruction of Existing Corrugated Pipe

- Remove the 20'-0" section of damaged 24" corrugated pipe lying on DNR land and place on the extraction barge.
- Place appropriate rip-rap rockery at the outfall of the remaining corrugated pipe to mitigate active silting.



Debris Removal

- Remove all staged debris over constructed ramp to the extraction barge using the Track dumps.

Reconstruction and Equipment Removal

- Rake and clean site and back seed with native grasses.
- Rebuild beach berm with native rock and logs staged at the beginning of the project to as close as possible to its original disposition.

Equipment Removal



- Move all equipment from the island using DNR landing barges, or commercial transportation, i.e. Island Ferry and Barge or the Island Transporter.

Sea Gate Repair Option

The option here is to whether or not the DNR will allow the repair of the existing 70+ year old Sea Gate that is currently working without the Sea Gate which has finally rusted off and is lying in the bottom of the concrete vault. Restore the vault to its originally designed function to **not allow salt water intrusion** into the freshwater wetlands...or chose not to allow the installation of a new Sea Gate and allow a limited amount of salt water intrusion into the freshwater wetlands.

Respectfully,

Alan D. Clarey