



ST. TAMMANY PARISH

MICHAEL B. COOPER
PARISH PRESIDENT

Coastal Authorization Letter

12/14/2020

Applicant: _____

Coastal Use Permit Application Number: P20200974

Local Coastal Use Permit Application Number: ST20189

Local Development Permit Number: C-MPN-2020-55334

Project/Location: Shoreline Armoring/ _____

Dear Applicant,

A review of the above referenced permit application has been completed by this office in accordance with the Louisiana Administrative Code, Title 43, Part I, Chapter 7, §723.B.8.b. and c., the State and Local Coastal Resources Management Act of 1978 (LA RS 49:214.34.2), and the St. Tammany Parish Coastal Management Zone (STPCMZ) Ordinance, Section 110. It has been determined that the proposed activity should result in **No Direct and Significant Impact** to coastal waters and therefore, the proposed project, will not require a Local Coastal Use Permit. (STPCMZ Ordinance Section 110).

The drawings and information submitted with the above referenced permit application are contained within the permit file numbered above and are thereby made part of the official record regarding this exemption. Submittal of any design changes is required for review and approval by this office, prior to implementation. Failure to follow the approved plans for this project may result in nullification of the exemption.

This determination is valid for two (2) years from the date referenced above. If the proposed activity is not completed within that time frame, the applicant will be required to submit a new application. This authorization does not eliminate the need to secure other required approvals from the U.S. Army Corps of Engineers, Louisiana Department of Natural Resources, Louisiana Department of Environmental Quality or any other Federal, State, or Local agency. Before any activity can begin on the proposed project, a copy of all approvals, denials, or letters of no objection from all regulatory agencies involved must be provided to this office.

Sincerely,

A handwritten signature in blue ink that reads "Sabrina Schenk".

Sabrina Schenk

Local Coastal Program Manager



DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, NEW ORLEANS DISTRICT
7400 LEAKE AVENUE
NEW ORLEANS, LOUISIANA 70118

REPLY TO
ATTENTION OF:

February 22, 2021

Operations Division
Eastern Evaluation Section

SUBJECT: MVN 2021-00150 EMM

Gentlemen:

The proposed work, to dredge and install and maintain shoreline protection at _____, in Slidell, Louisiana, Saint Tammany Parish, as shown on the enclosed drawings, is authorized under **Category I** of the **Programmatic General Permit**, provided that all conditions of the permit are met.

In addition, you must comply with the enclosed: "STANDARD MANATEE CONDITIONS FOR IN-WATER ACTIVITIES".

This authorization has a blanket water quality certification from the Louisiana Department of Environmental Quality; therefore, no additional authorization from DEQ is required.

However, prior to commencing work on your project, you must obtain approvals from state and local agencies as required by law and by terms of this permit. These approvals include, but are not limited to, a permit, consistency determination or determination of "no direct or significant impact (NDSI) on coastal waters" from the Louisiana Department of Natural Resources, Office of Coastal Management.

This approval to perform work is valid for 5 years from the date of this letter. Permittee is aware that this office may re-evaluate its decision on this permit at any time the circumstances warrant.

Should you have any further questions concerning this matter, please contact Scott Kennedy of this office at (504) 862-2259.

Sincerely,

Michael V. Farabee
Digitally signed by
Michael V. Farabee
Date: 2021.02.23
13:20:03 -06'00'
Martin S. Mayer
Chief, Regulatory Branch

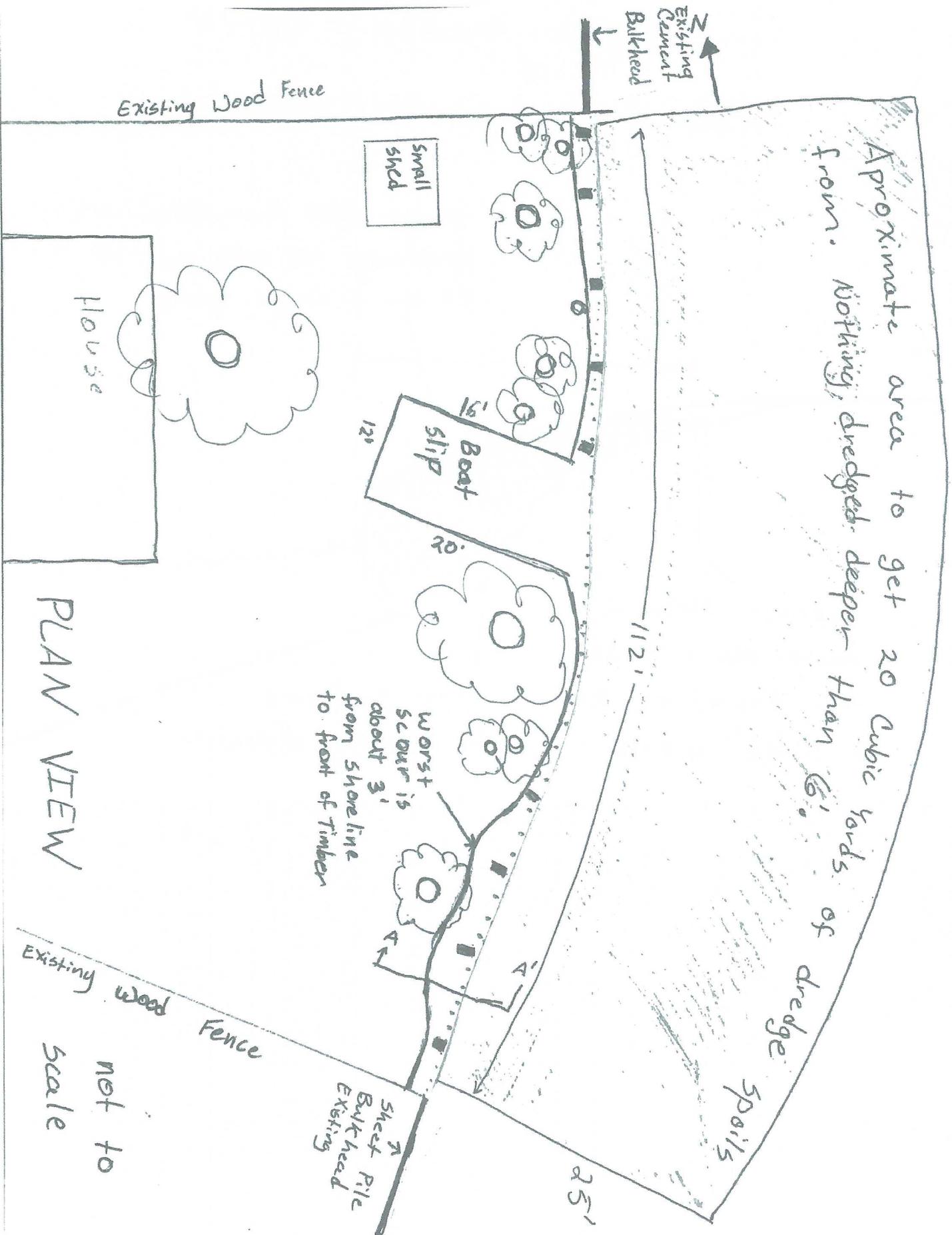
Enclosure

STANDARD MANATEE CONDITIONS FOR IN-WATER ACTIVITIES

During in-water work in areas that potentially support manatees, all personnel associated with the project shall be instructed and aware of the potential presence of manatees, manatee speed zones, and the need to avoid collisions with, and injury to, manatee. All personnel shall be advised that there are civil and criminal penalties for harming, harassing, or killing manatees which are protected under the Marine Mammal Protection Act of 1972 and the Endangered Species Act of 1973. Additionally, personnel shall be instructed not to attempt to feed or otherwise interact with the animal.

All on-site personnel are responsible for observing water-related activities for the presence of manatee(s). To minimize potential impacts to manatees in areas of their potential presence, the permittee shall insure the following are adhered to:

- All work, equipment, and vessel operation shall cease if a manatee is spotted within a 50-foot radius (buffer zone) of the active work area. Once the manatee has left the buffer zone on its own accord (manatees must not be herded or harassed into leaving), or after 30 minutes have passed without additional sightings of manatee(s) in the buffer zone, in-water work can resume under careful observation for manatee(s).
- If a manatee(s) is sighted in or near the project area, all vessels associated with the project shall operate at "no wake/idle" speeds within the construction area and at all times while in waters where the draft of the vessel provides less than a four-foot clearance from the bottom. Vessels shall follow routes of deep water whenever possible.
- If used, siltation or turbidity barriers shall be properly secured, made of material in which manatees cannot become entangled, and be monitored to avoid manatee entrapment or impeding their movement.
- Temporary signs concerning manatees shall be posted prior to and during all in-water project activities and removed upon completion. Each vessel involved in construction activities shall display at the vessel control station or in a prominent location, visible to all employees operating the vessel, a temporary sign at least 8½" X 11" reading language similar to the following: "CAUTION BOATERS: MANATEE AREA/ IDLE SPEED IS REQUIRED IN CONSRUCTION AREA AND WHERE THERE IS LESS THAN FOUR FOOT BOTTOM CLEARANCE WHEN MANATEE IS PRESENT". A second temporary sign measuring 8½" X 11" shall be posted at a location prominently visible to all personnel engaged in water-related activities and shall read language similar to the following: "CAUTION: MANATEE AREA/ EQUIPMENT MUST BE SHUTDOWN IMMEDIATELY IF A MANATEE COMES WITHIN 50 FEET OF OPERATION".
- Collisions with, injury to, or sightings of manatees shall be immediately reported to the U.S. Fish and Wildlife Service's, Louisiana Ecological Services Office (337/291-3100) and the Louisiana Department of Wildlife and Fisheries, Natural Heritage Program (225/765-2821). Please provide the nature of the call (i.e., report of an incident, manatee sighting, etc.); time of incident/sighting; and the approximate location, including the latitude and longitude coordinates, if possible.

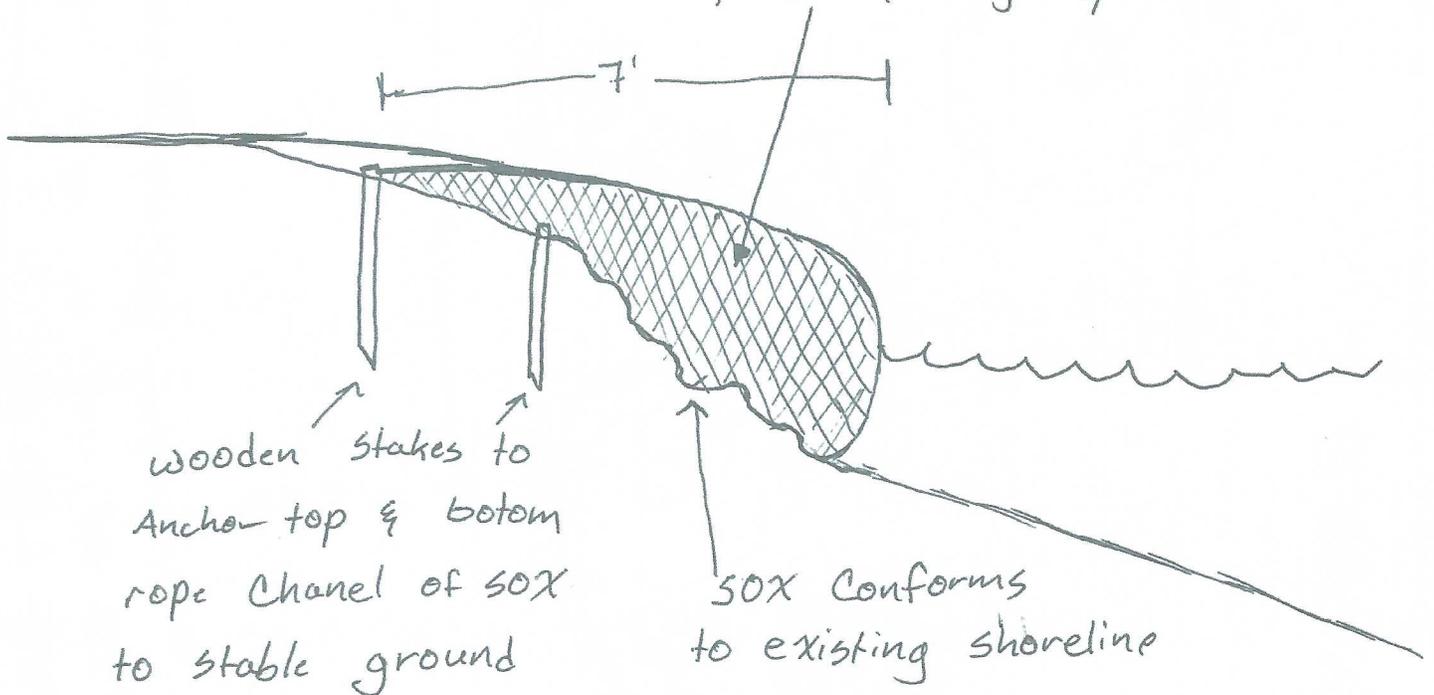


PLAN VIEW

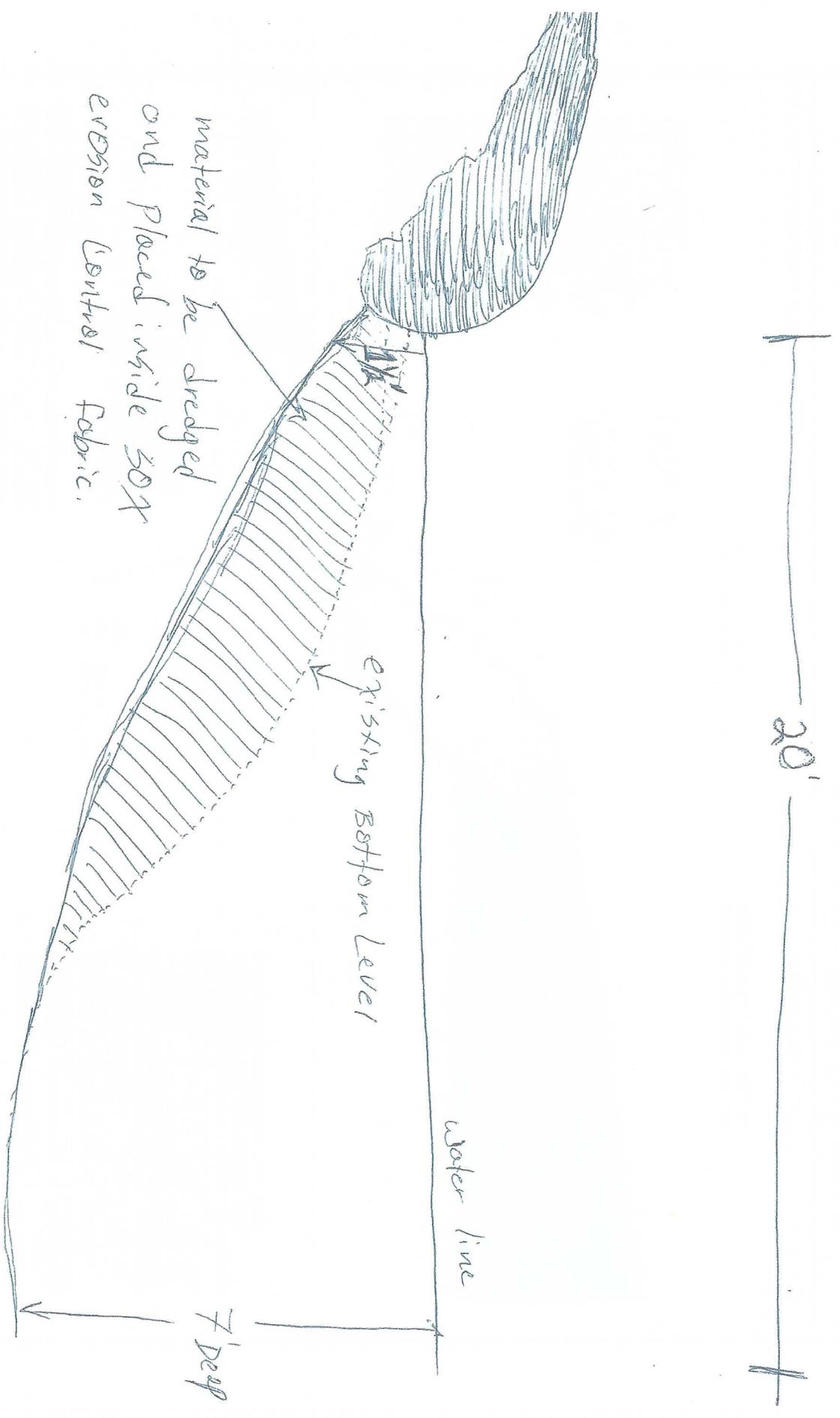
not to scale

Cross Section A-A'
of
Palm Circle Residential Shoreline

Dredge SOX back filled with
aproximately 40 cubic yards of
fill dirt & dredge spoils.



Man Made Canal, depths vary. main channel about 7' deep.
Cross section of depths.



Palm Circle Residential Shoreline P20200974

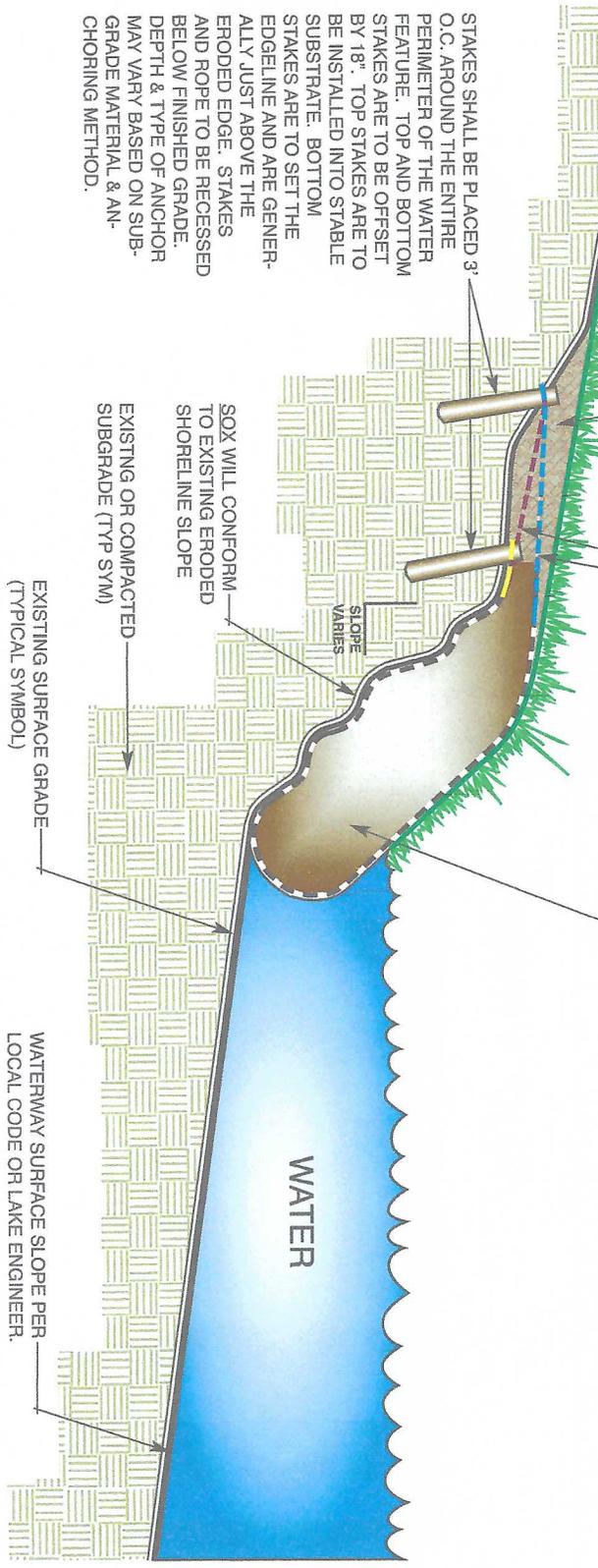
FINISHED SURFACE TO BE GRADED PER THE ARCHITECT OR ENGINEERS SPECIFICATIONS AND READY FOR SEEDING, SODDING OR PLANTING. PLANT MATERIAL "TBD" AND CAN GROW THROUGH THE SOX WITHOUT COMPROMIZING THE SOX'S STABLE.

DEPTH OF BACKFILL COVER MATERIAL WILL VARY DEPENDING ON FINISHED SLOPE. MATERIAL CAN BE THE SAME AS SOX BACKFILL MATERIAL.

1/4" DIAMOND BRAIDED POLY CORE ANCHORING ROPES.

NOTE: LOWER SOX ROPE CHANNEL MUST BE CONNECTED TO BOTH THE UPPER AND LOWER STAKE AS SHOWN BELOW.

SHORESOFX OR DREDGESOX BACKFILLED WITH SITE OR PROJECT SPECIFIC BACKFILL. WIDTH OF SOX TO BE DETERMINED BY SITE CONDITIONS (I.E. SHORE SLOPE AND AMOUNT OF SHOERLINE TO BE RECAPTURED/PROTECTED). BACKFILL MATERIAL SHOULD BE COARSE AND NO LESS THAN 120 MICRONS AND IS TYPICALLY ONE OF THE FOLLOWING MATERIALS (sand, topsoil, aeration plugs/cores, dredging spoils or and organic compost type mixture). IT IS RECOMMENDED THAT ALL FILL MATERIALS BE TESTED FOR PARTICLE SIZE AND FILTRATION PROPERTIES PRIOR TO INSTALL. NON-DREDGED BACKFILL CAN ALSO BE WASHED OR WATER SETTLED INTO THE SOX FOR STABILITY AND COMPACTION PURPOSES.



STAKES SHALL BE PLACED 3' O.C. AROUND THE ENTIRE PERIMETER OF THE WATER FEATURE. TOP AND BOTTOM STAKES ARE TO BE OFFSET BY 18". TOP STAKES ARE TO BE INSTALLED INTO STABLE SUBSTRATE. BOTTOM STAKES ARE TO SET THE EDGELINE AND ARE GENERALLY JUST ABOVE THE ERODED EDGE. STAKES AND ROPE TO BE RECESSED BELOW FINISHED GRADE. DEPTH & TYPE OF ANCHOR MAY VARY BASED ON SUB-GRADE MATERIAL & ANCHORING METHOD.

SOX WILL CONFORM TO EXISTING ERODED SHORELINE SLOPE

EXISTING OR COMPACTED SUBGRADE (TYP SYM)

EXISTING SURFACE GRADE (TYPICAL SYMBOL)

WATERWAY SURFACE SLOPE PER LOCAL CODE OR LAKE ENGINEER.

NOTE: THIS DRAWING IS A "DIAGRAMMATIC ILLUSTRATION" OF A SOX INSTALL METHOD.

DETAIL QUESTIONS - Call: (409)461-0924 or Email: djginkel@soxerosion.com

TYPICAL SHORESOFX/DREDGESOX DETAIL

ERODED SHORELINE REPAIR TREATMENT (NO LINER)



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APPROVED BY: RL & BF	DETAIL:
SCALE: M.T.S.	DATE: 3/2/2020
	REVISIONS: 5/15/20