

Valley Municipal Utility District #2

100 Hidalgo Avenue
Rancho Viejo, Texas 78575
Phone (956) 350-4136 Fax (956) 350-4575

RESACA CONSTRUCTION PERMIT

Date of Application: _____

Contractor: _____

Owner: _____

Business Address: _____

Address: _____

City, State, Zip: _____

City, State, Zip: _____

Phone# _____

Phone#: _____

Address of Work: _____

Lot _____ Section/Block _____ Subdivision _____

Permit for: Seawall: _____ Dock: _____

The above owner or contractor has been granted permission to construct a seawall or dock in the resaca on, or adjacent to the property stated above. The seawall is to be constructed as close to the natural edge of the resaca as possible. Backfilling of the resaca shall be kept to a minimum and shall not exceed the amount stated in the applicable U.S. Army Corps of Engineers Nationwide Permit. A survey shall be provided to determine if there are any drainage features on the subject property. The proposed improvement shall not block any drainage structure or interfere with any natural drainage pattern. The District reserves the right to inspect and reject any improvements constructed within the resaca or on adjacent District property. The District may also require modifications to the design or construction to accommodate unforeseen obstacles or to ensure that the project is performed in a long lasting manner.

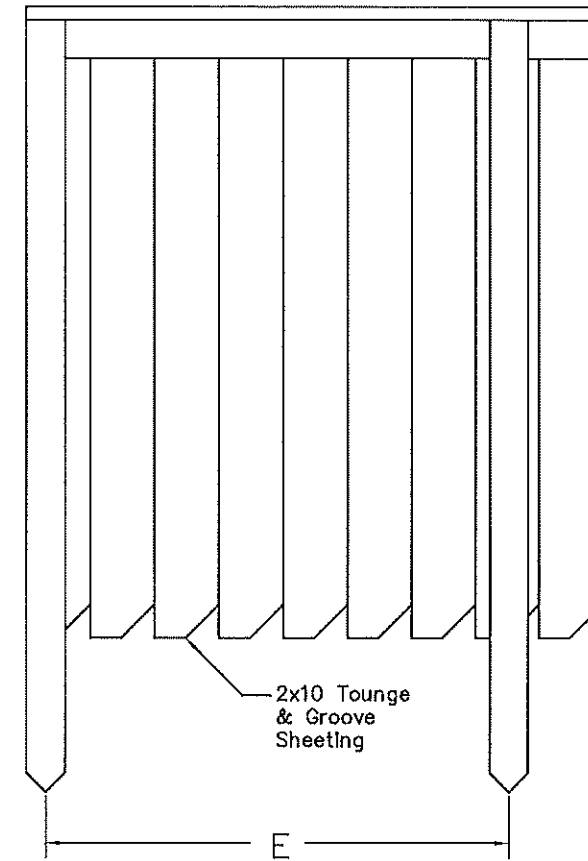
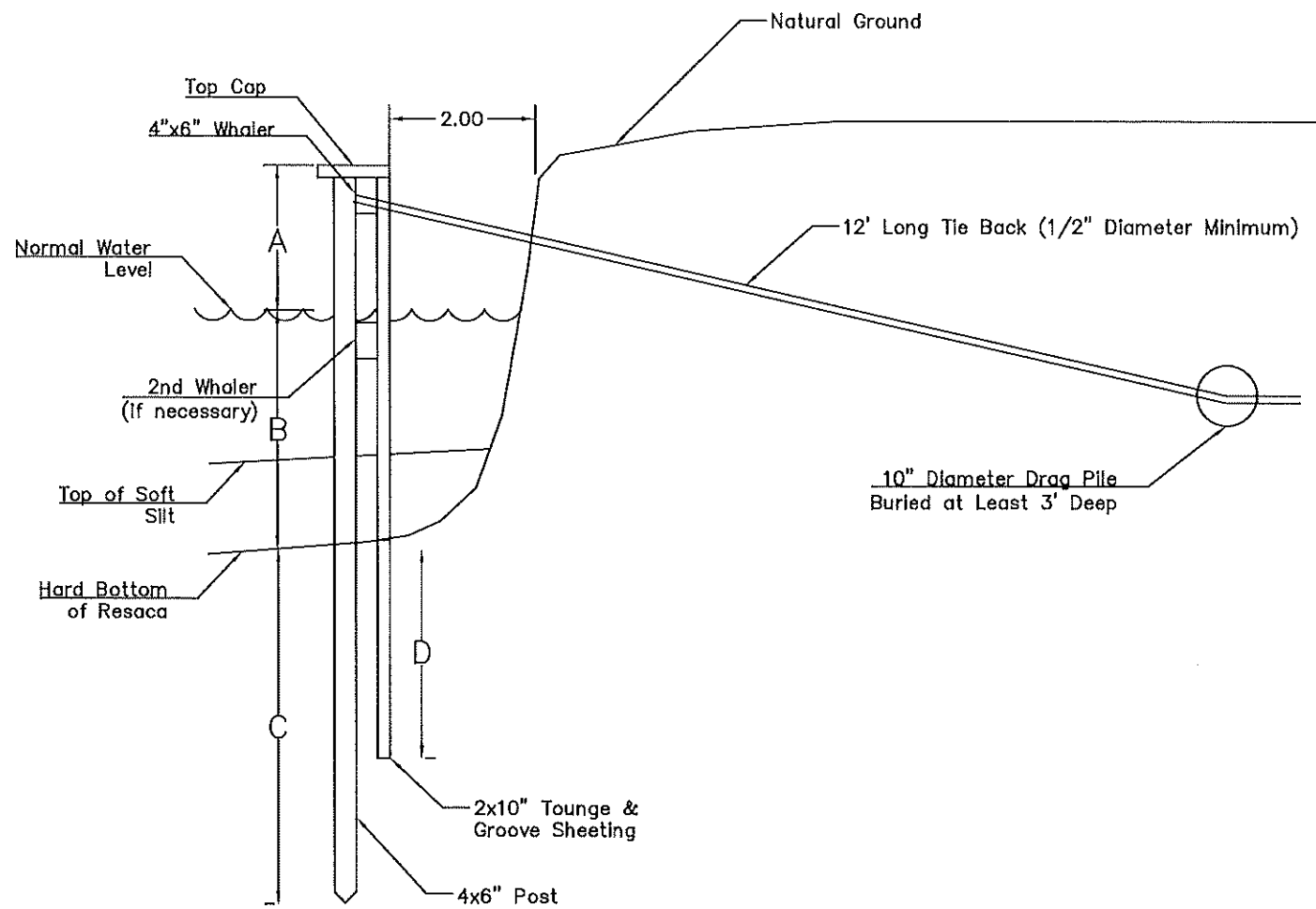
Minimum requirements shall include structural lumber that meets the UC4B use category (for any wood that is regularly in contact with water or mud) according to the American Wood Protection Association. Any cuts to structural treated wood should be treated field treated with a preservative. All fasteners (including cable or threaded rods) shall be corrosion resistant to a level that is sufficient to resist the wood treatment. Rods and cables used for deadmen supports shall be a minimum of 1/2 of an inch in diameter. Materials other than wood will be considered on a case by case basis.

The minimum standards stated in this permit do not constitute an engineering design. It is highly recommended that the applicant utilize a structural engineer to design the proposed improvements.

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Acknowledged (Owner or Contractor)

A separate Permit must also be obtained from the Town of Rancho Viejo before work begins.



- A. Distance from Top of Wall to Normal Water Level = _____
- B. Depth of Water to Hard Bottom of Resaca = _____
- C. Depth of Post into Hard Bottom of Resaca (3' Min.) = _____
- D. Depth of 2x10" Sheeting into Hard Bottom (3' min.) = _____
- E. Distance Between 4x6" Posts = _____

General Notes:

1. Structural Wood that will be continually exposed to water shall have a minimum rating of UC4B.
2. Wood that will not be exposed to water may have a minimum rating of UC4A.
3. Fasteners shall be stainless steel or hot dip galvanized. Consult literature from wood manufacturer.
4. Tie Back Rods shall be stainless steel, hot dipped galvanized, or have an approved protective coating.
5. Bulkheads must be built as close as practical to the shoreline and comply with USACE Nationwide Permit 13.
6. Cloth material may be used behind the retaining wall to seal any openings in the wall.
7. The retaining wall must not interfere with any drainage structures or patterns.
8. In the event of a drainage structure being on the property, a separate detail shall be drawn to show how it will be accommodated.
9. Ends of Bulkhead Shall Have a Return Portion of at Least 5' in Length and Have Tie Backs at Each End of the Return Section.
10. This Detail Represents a Minimum Standard and Should Not Be Used in Lieu of an Engineering Design.

Address of Construction _____
 Lot _____ Section/Block _____ Subdivision _____
 Date Submitted _____

Bulkhead Detail

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Drawn By: S. Fry

Date: 08/09/2021