

JOINT  
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS  
1835 Assembly Street, Room 865B-1  
Columbia, South Carolina 29201  
and  
THE S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
Water Quality Certification and Wetlands Section  
2600 Bull Street  
Columbia, South Carolina 29201

REGULATORY DIVISION  
Refer to: P/N SAC-2017-01845

DATE April 13, 2018

Pursuant to Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

**Mr. John Wrenn**  
**114 Bri Lor Court**  
**Chapin, South Carolina 29036**

for a permit to discharge fill material in waters of the United States to construct a dam to create a Green Tree Reservoir which will seasonally impound water in

**a freshwater wetland abutting the Little River**

Located east of the intersection of State Highway 213 and Saint Barnabas Road, on the west side of the Little River, Fairfield County, South Carolina (Latitude: 34.301605 °N, Longitude: 81.250003 °W), **USGS-Rion Quad.**

In order to give all interested parties an opportunity to express their views

**NOTICE**

is hereby given that written statements regarding the proposed work will be received by the **Corps** until

**15 Days from the Date of this Notice,**

and **SCDHEC** will receive written statements regarding the proposed work until

**30 Days from the Date of this Notice**

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of the construction a dam to create a Green Tree Reservoir (GTR) which will seasonally impound water on an abutting 1.09 acre wetland of the Little River. In detail, a dam of approximately 6'-9" height, 50' in length, and 2' minimum in width, will be built with salt treated utility poles, treated 2"X10" boards, with a layer of plastic sandwiched between the

2"X10" boards, a water facing layer of plywood, and a flashboard riser structure will be built in the center of the dam with a 3'X6' by 4" thick concrete pad for out-fall armoring protection. The flashboards will be removed from riser structure from March 1st until November 1st each year and the temporary impoundment pool allowed to drain and remain in a drained state as per the approved GTR guidelines. The GTR will be filled with a portable pump. The portable pump will be located in uplands on the riverbank near the proposed dam, and will pump water from the Little River into the GTR. The pump will be removed from the site after the GTR is filled. The GTR will be drained into a natural depression south of the dam via a 4" PVC drain at the bottom of the dam. The water will then be drained from the natural depression through a 4" Schedule 40 HDPE pipe that will be installed using a Horizontal Directional Drill going through a natural earthen berm into the Little River. The applicant has not proposed any compensatory mitigation for this project. The project purpose as described by the applicant is to provide habitat for wintering waterfowl and other wildlife species.

**NOTE: This public notice and associated plans are available on the Corps' website at:**  
<http://www.sac.usace.army.mil/Missions/Regulatory/PublicNotices> .

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 1.09 acres of freshwater habitat well inland of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the shrimp, and snapper-grouper management complexes. The District Engineer's initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). The District Engineer's final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Pursuant to the Section 7 of the Endangered Species Act of 1973 (as amended), the Corps has reviewed the project area, examined all information provided by the applicant, and the District Engineer has determined, based on the most recently available information that the project will have no effect on any Federally endangered, threatened, or proposed species and will not result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request to the U.S. Fish and Wildlife Service and the National Marine Fisheries Service for any additional information they may have on whether any listed or proposed endangered or threatened species or designated or proposed critical habitat may be present in the area which would be affected by the activity.

In accordance with Section 106 of the NHPA, the District Engineer has consulted South Carolina ArchSite (GIS), for the presence or absence of historic properties (as defined in 36

C.F.R. 800.16)(1)), and has initially determined that no historic properties are present; therefore, there will be no effect on historic properties. To ensure that other historic properties that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office and any other interested parties to provide any information they may have with regard to historic properties. This public notice serves as a request for concurrence within 30 days from the SHPO (and/or Tribal Historic Preservation Officer).

The District Engineer's final eligibility and effect determination will be based upon coordination with the SHPO and/or THPO, as appropriate and required and with full consideration given to the proposed undertaking's potential direct and indirect effects on historic properties within the Corps-identified permit area.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps cannot undertake to adjudicate rival claims.

The Corps is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity. **Please submit comments in writing, identifying the project of interest by public notice number, to the following address:**

**U.S. Army Corps of Engineers  
ATTN: REGULATORY DIVISION  
1835 Assembly Street, Room 865B-1  
Columbia, South Carolina 29201**

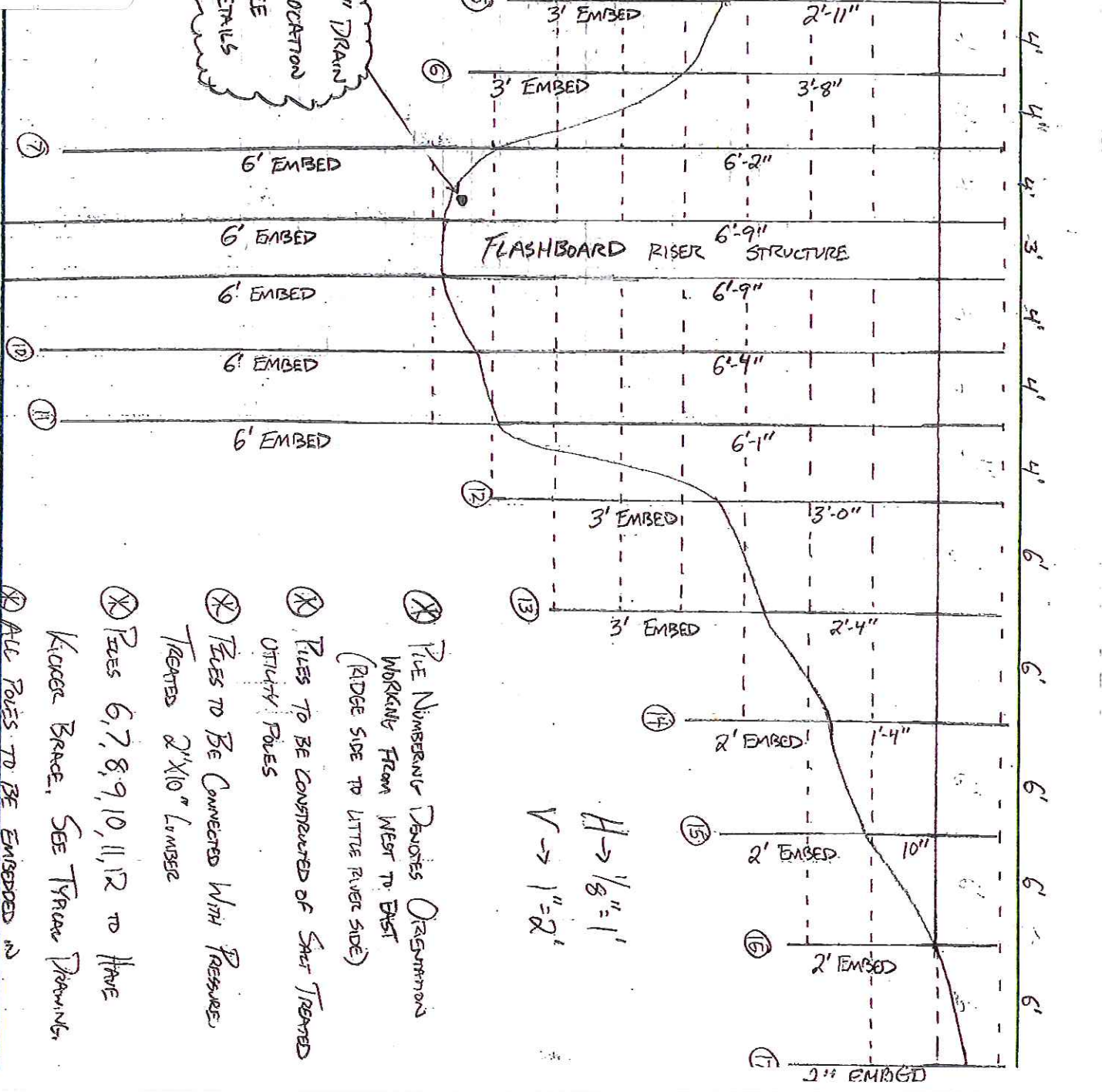
If there are any questions concerning this public notice, please contact Jonathan Swartz, Project Manager, at 803-253-3906.

**SAC-2017-01845**  
**Little River GreenTree Reservoir**  
**Drawing 1 of 5**

SECTION PILE LAYOUT  
 VIEW

4" DRAIN  
 LOCATION  
 SEE  
 DETAILS

2-4x3' OF 2X10"  
 (37) 2X10" = 444'



$H \rightarrow \frac{1}{8}'' = 1'$   
 $V \rightarrow 1'' = 2'$

⊗ PILE NUMBERS IN DENOTES ORIGINARY WORKING FROM WEST TO EAST (RIDGE SIDE TO LITTLE RIVER SIDE)

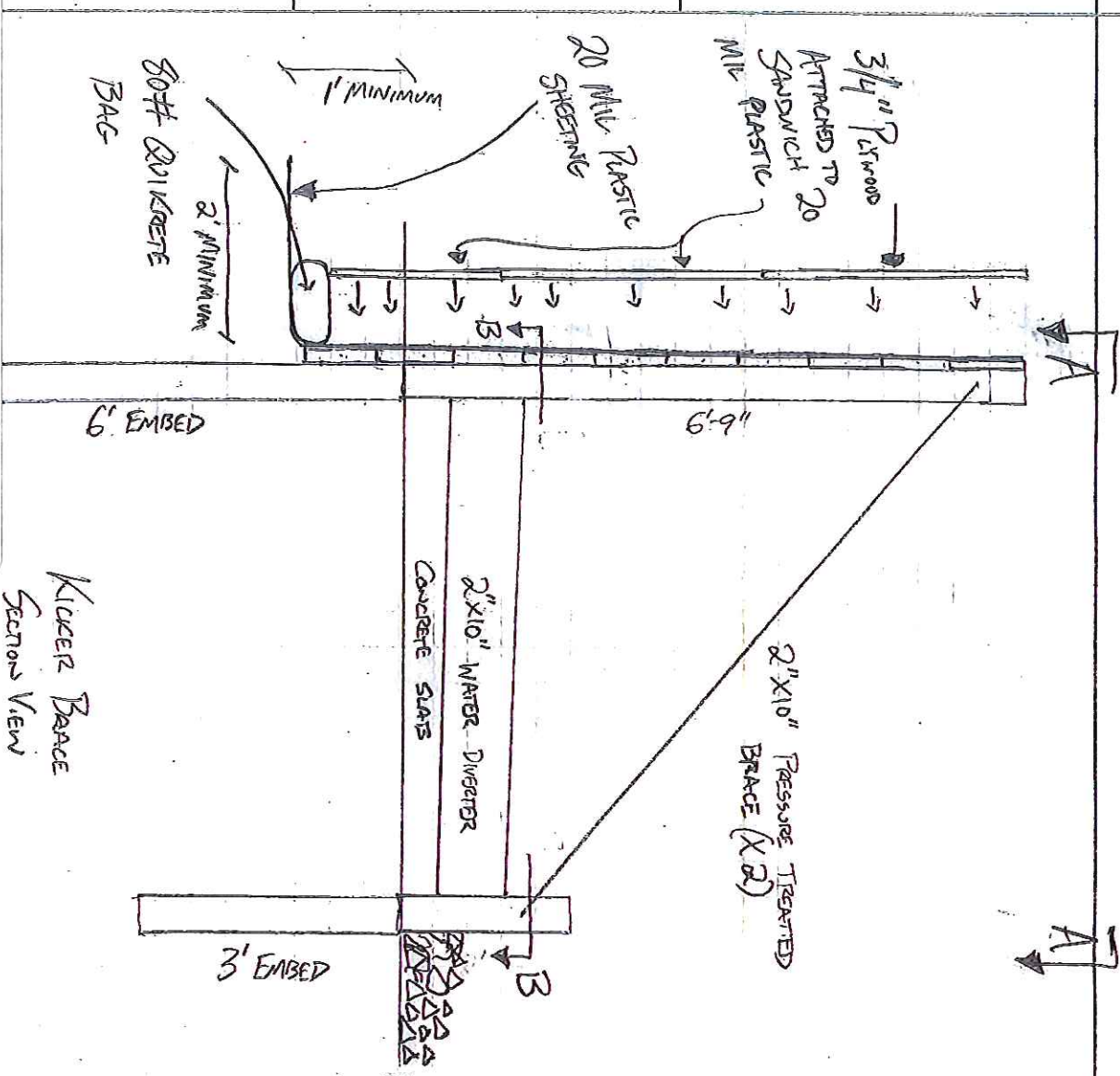
⊗ PILES TO BE CONSTRUCTED OF SPLIT TREATED UTILITY PILES

⊗ PILES TO BE CONNECTED WITH PRESSURE TREATED 2"X10" LUMBER

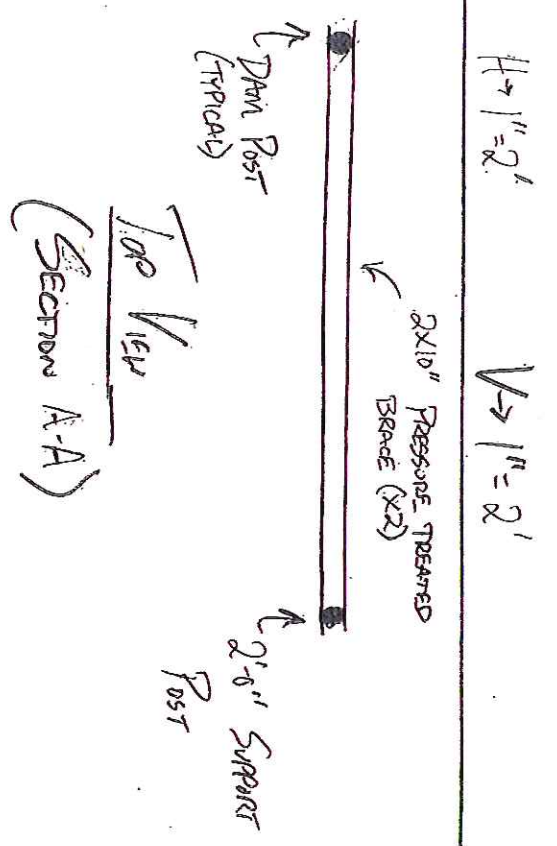
⊗ PILES 6,7,8,9,10,11,12 TO HAVE KICKER BRACE. SEE TRUSS DRAWING.

⊗ ALL PILES TO BE EMBEDDED IN CONCRETE

**SAC-2017-01845**  
**Little River Green Tree Reservoir**  
**Drawing 2 of 5**

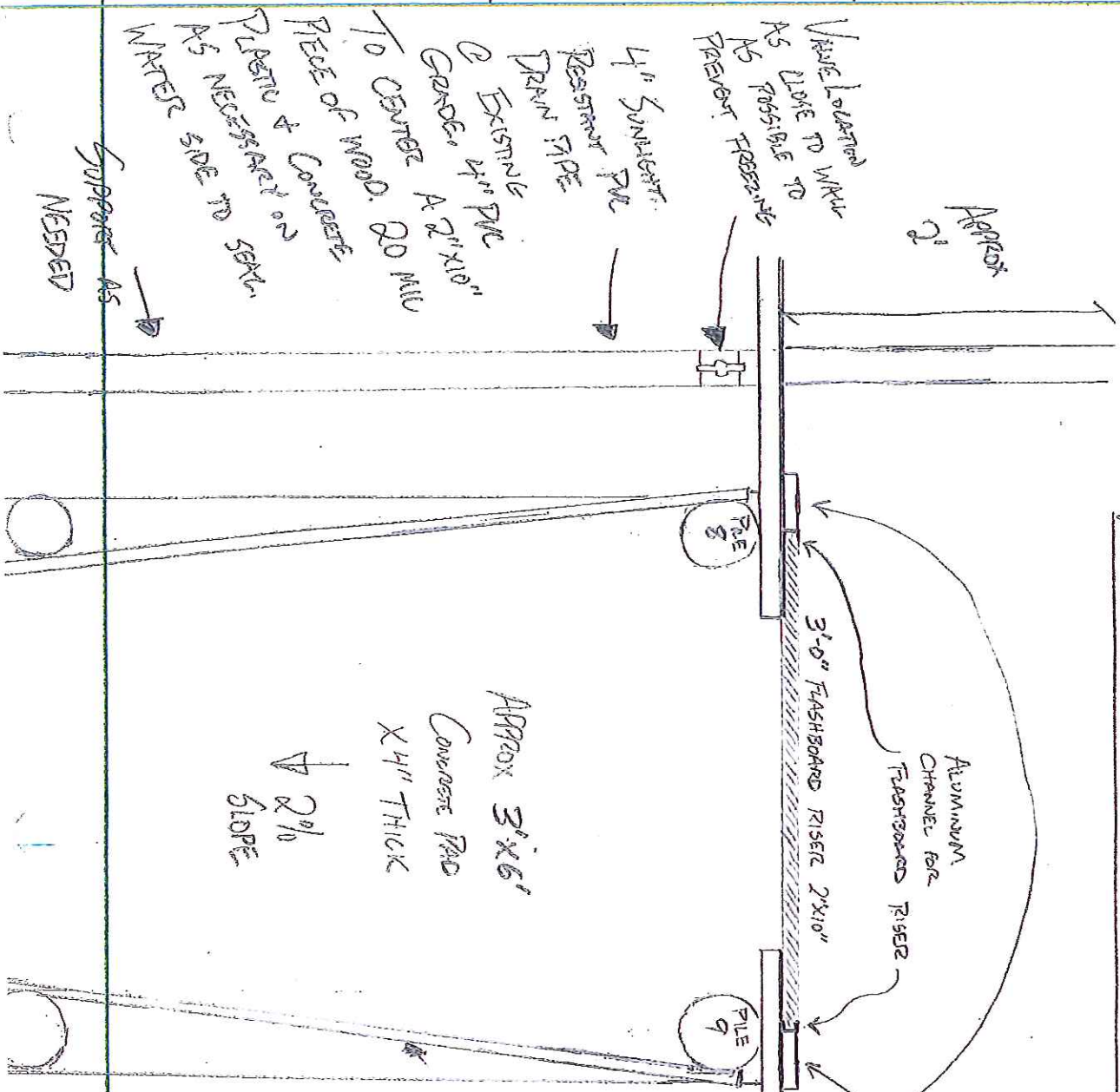


KICKER BRACE  
 Section View



TYPICAL DRAWING OF  
 KICKER BRACE  
 BARS 6, 7, 8, 9, 10, 11, 12

View of FLASHBOARDS Risers @ Pile 8+9 (SECTION B-B)



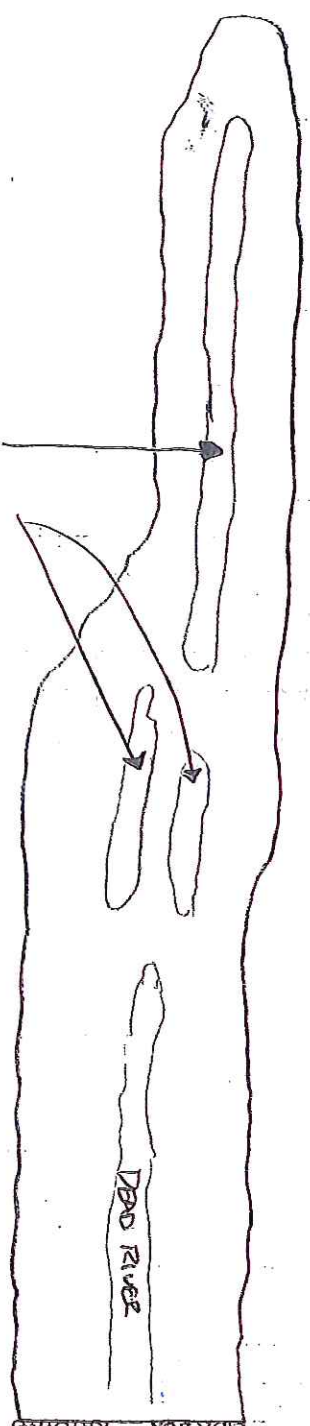
ALUMINUM CHANNEL FOR FLASHBOARDS RISER  
 3'-0" FLASHBOARD RISER 2"x10"  
 PRESSURE TREATED 2"x6"  
 PILE 8  
 PILE 9  
 APPROX 3'x6' CONCRETE PAD X 4" THICK  
 APPROX 2% SLOPE  
 KICKER SPACE LOCATION, NOT SHOWN FOR CLARITY  
 2"x10" PRESSURE TREATED WOOD AT 2 LOCKMANS TO CENTER OF DEAD RIVER  
 SUPPORT AS NEEDED  
 PILE 8 & 9 NECESSARY TO SEPARATE WATER SIDES TO SEPARATE

SAC-2017-01845  
 Little River GreenTree Reservoir  
 Drawing 3 of 5

ADD R/P-RAP AS NECESSARY @ END OF

LITTLE RIVER

DEAD RIVER



4" HDPE TO BE SCHEDULE 40

4" HDPE

4" HDPE HDD  
2145 feet

DRAINAGE

NATURAL DEPRESSION

DAM LOCATION

Proposed location of HDD to Little River to facilitate draining of GrassTree Reservoir

SAC-2017-01845  
Little River GreenTree Reservoir  
Drawing 4 of 5

# Plan View of Proposed GrassTree Reservoir

OF GRASSTREE RESERVOIR  
INSTALL WITH 1'  
OF FILL FROM

NATURAL DEPRESSION