DESIGN CRITERIA

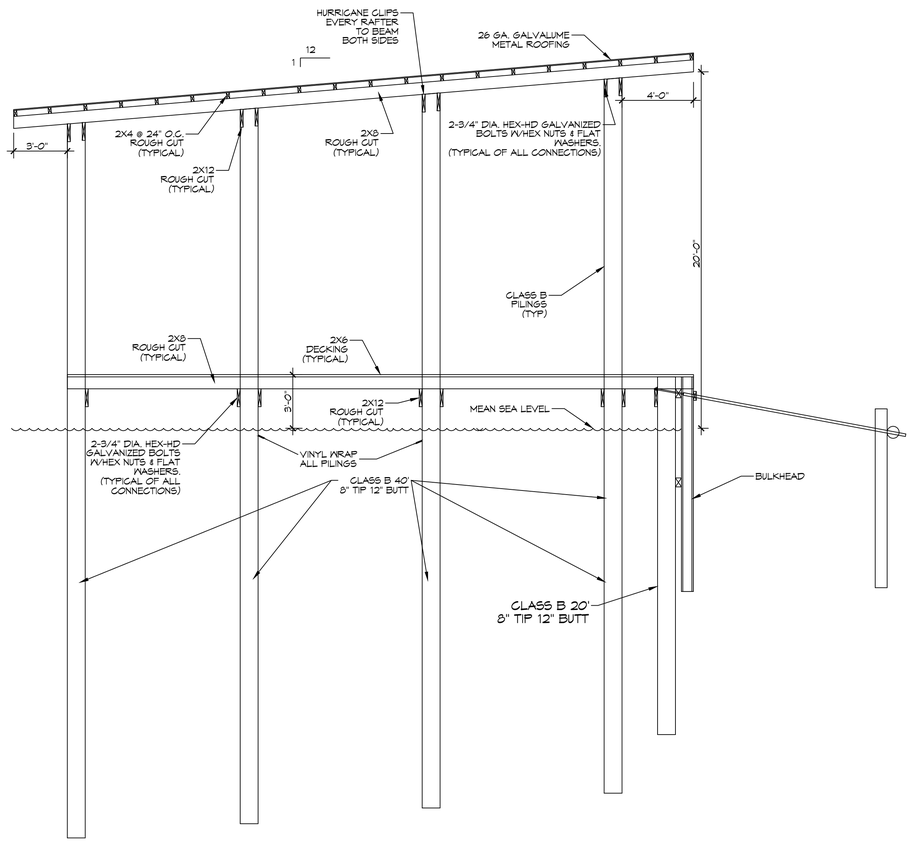
THE CONSTRUCTION FOR SAID RESIDENCE, WHERE Vult WIND SPEED IS 140 MILES PER HOUR AND Vasd WIND SPEED IS 130 MPH, WIND EXPOSURE ZONE C, IS DESIGNED IN ACCORDANCE WITH: AMERICAN FOREST AND PAPER ASSOCIATION (AF&PA) WOOD FRAME CONSTRUCTION MANUAL FOR ONE AND TWO FAMILY DWELLINGS (NFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2021 EDITION. STRUCTURE SHALL BE BUILT TO THE 2021 INTERNATIONAL ENERGY CONSERVATION CODE (2021 IECC) AND STATE AMENDMENTS ADOPTED JULY 1, 2023.

PILING NOTES

1. PILES ARE TO BE CLASS B PRESSURE TREATED 40 FT. IN LENGTH WITH A 8 INCH TIP AND 12" BUTT AND CLASS 5 PRESSURE TREATED TIMBERS SHALL BE 6 INCH TIP AND 8 INCH BUTT.
2. ALL PILES SHALL BE DRIVEN TO REFUSAL.
3. CONTRACTOR SHALL DRIVE TEST PILE.
4. NO FIELD SUPERVISION OR INSPECTION PROVIDED UNDER THIS SEAL UNLESS OTHERWISE NOTED.
5. FILE LAYOUT MAY BE MODIFIED DUE TO ACTUAL DRIVING CONDITIONS. ENGINEER TO BE NOTIFIED ON ANY MODIFICATION.
7. A FILE BLOW COUNT LOG OF ALL PILES IS TO BE SUBMITTED TO THE ENGINEER OF RECORD. FAILURE TO SUBMIT SAID LOG WILL RELEASE THE ENGINEER OF ALL RESPONSIBILITY AFTER 5 DAYS OF INSTALLING.

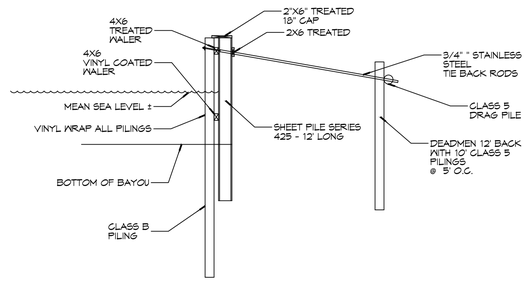
GENERAL NOTES

1. ALL LUMBER SHALL BE PRESSURE TREATED WITH A RETENTION OF .4 PER C.F.
2. ALL FASTENERS SHALL BE HOT DIPPED GALVANIZED (HDG) PER ASTM A153.
3. ALL CONNECTORS SHALL BE HDG PER ASTM A653, CLASS G185 SHEET WITH 1.85 OZ/SF ZINC COATING.
4. DISTANCE FROM MEAN SEA LEVEL TO RIDGE OF BOATHOUSE ROOF NOT TO EXCEED 22'-0".



12 TYPICAL BOAT HOUSE SECTION
SCALE: 1/4" = 1'-0"

FRAMING



13 TYPICAL BULKHEAD SECTION
SCALE: 3/16" = 1'-0"

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#	DESCRIPTION	DATE

REVISIONS

SEAL:

STATE OF LOUISIANA
BRIAN A. MISTICH
License No. 30187
PROFESSIONAL ENGINEER

NEW BULKHEAD AND BOAT HOUSES

TCHEFUNCTA CLUB ESTATES

2 PINECREST DRIVE
COVINGTON, LA. 70433

JOB No: 2025 | DATE: 02-18-2025
DRAWN BY: GKD | CHECKED BY: BAM

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SHEET TITLE:
BOAT HOUSE SECTION AND BULKHEAD SECTION

DRAWING NUMBER:

S102

SHEET No: 4 of 4