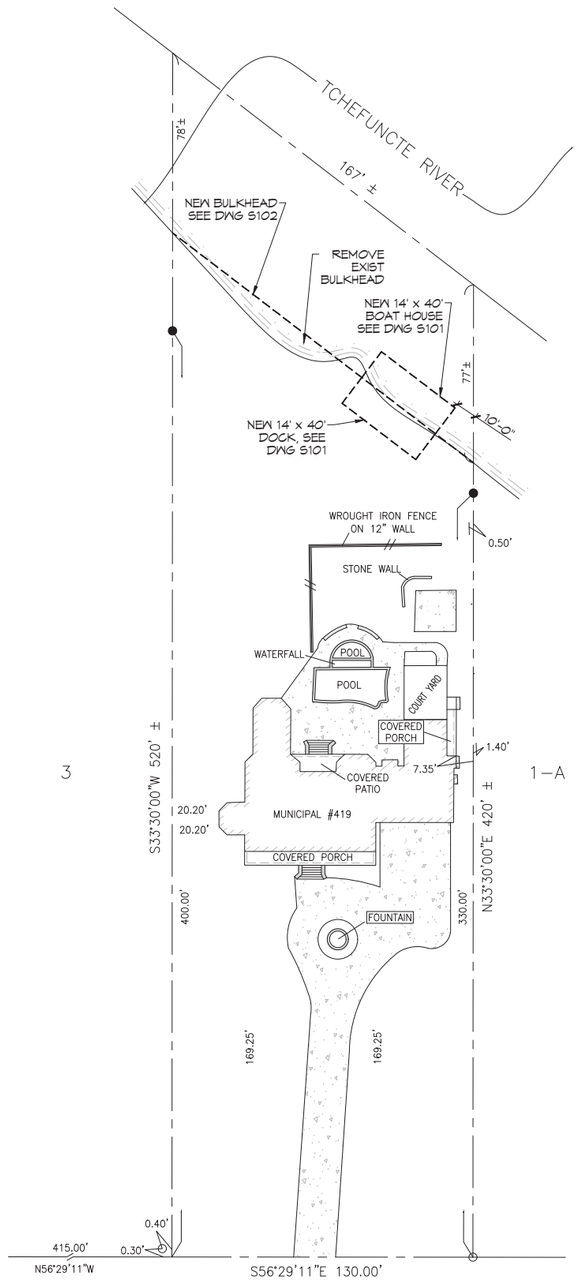
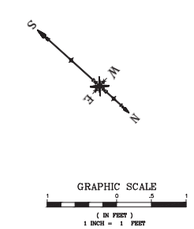


1 PROPOSED BOAT HOUSE SITE PLAN
SCALE: 1" = 30'-0"



ZONING

RESIDENTIAL DISTRICT

FLOOD ZONE

ZONE: AE

BOAT HOUSE SQ. F.T.

AREA UNDER BEAM = 560

BULKHEAD

167 LINEAR FEET OF NEW BULKHEAD

DESIGN CRITERIA

THE CONSTRUCTION FOR SAID RESIDENCE, WHERE Vult WIND SPEED IS 150 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 (WFCM) 2001 EDITION AS WELL AS THE INTERNATIONAL RESIDENTIAL CODE (IRC) 2021 EDITION

SHEET INDEX

SHEET #	SHEET TITLE
C101	BOAT HOUSE SITE PLAN
S101	BOAT HOUSE FRAMING PLAN
S102	BULKHEAD PILING PLAN

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Slidell, LA 70458
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REVISIONS

#	DESCRIPTION	DATE

SEAL:

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

NEW BOAT HOUSE FOR AND BULKHEAD;

JODY GRASS

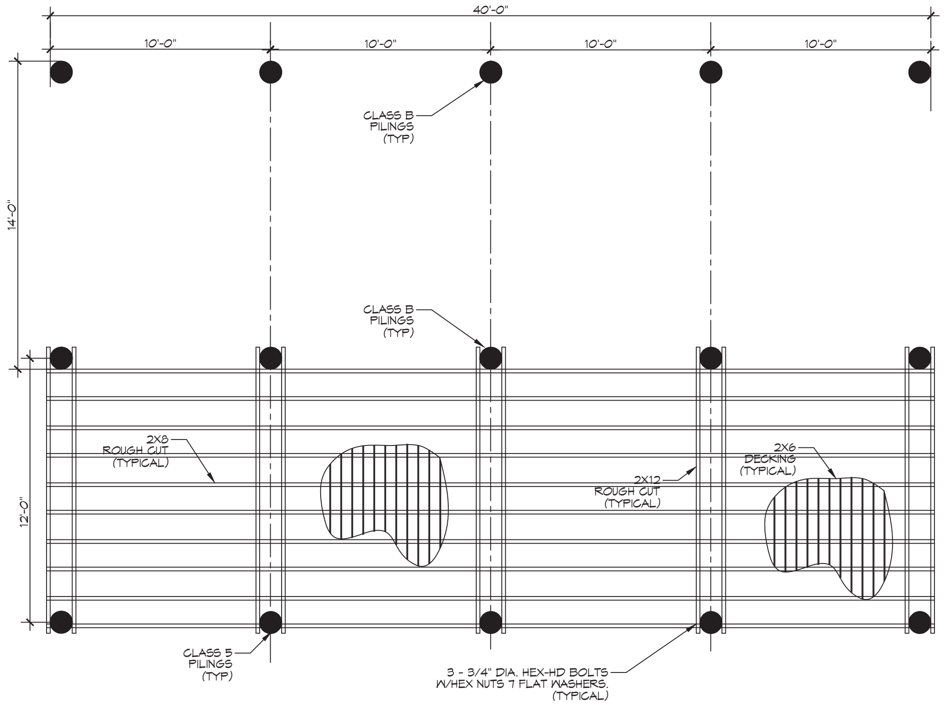
419 WEST 5TH AVENUE
COVINGTON, LA 70433

JOB No:	2024	DATE:	09-24-2024
DRAWN BY:	CKD	CHECKED BY:	BAM

SHEET TITLE:
BOAT HOUSE SITE PLAN

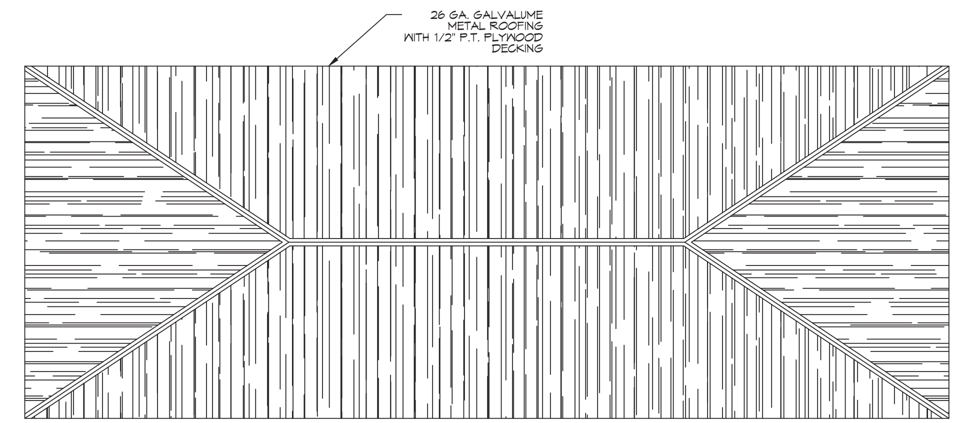
DRAWING NUMBER:
C101

SHEET No: 1 of 3



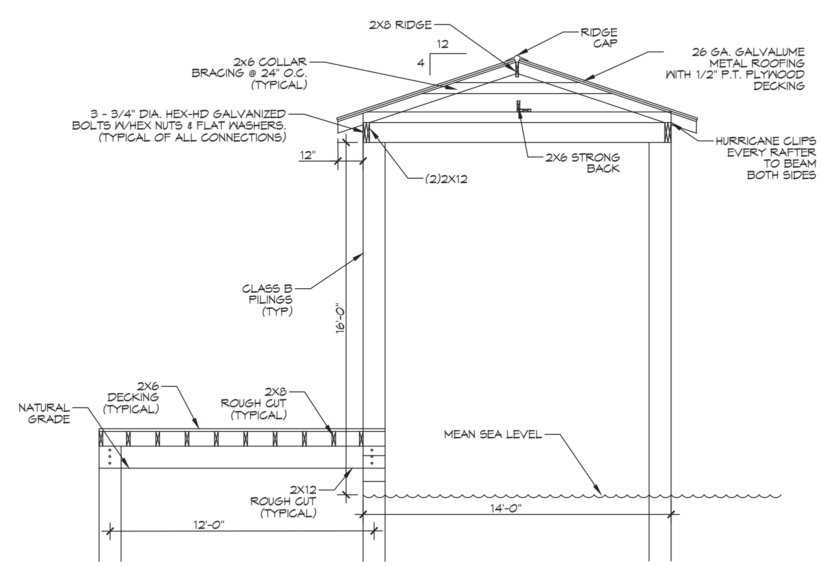
2 BOAT HOUSE PLAN

SCALE: 1/4" = 1'-0" FRAMING



3 ROOF PLAN

SCALE: 1/4" = 1'-0" OVERALL ROOF



4 BOAT HOUSE SECTION

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

PILING NOTES

1. PILES ARE TO BE CLASS B PRESSURE TREATED 50 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. PILE LAYOUT MAY BE MODIFIED DUE TO ACTUAL DRIVING CONDITIONS. ENGINEER TO BE NOTIFIED ON ANY MODIFICATION.
7. A PILE 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".

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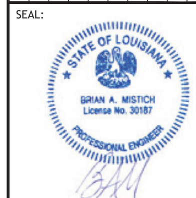

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DRAWN BY:	CKD	CHECKED BY:	BAM

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SHEET TITLE:
BOAT HOUSE FRAMING PLAN

DRAWING NUMBER:
S101

PILING NOTES

1. PILES ARE TO BE CLASS 5 PRESSURE TREATED WITH A 6 INCH TIP AND 8" 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. PILE LAYOUT MAY BE MODIFIED DUE TO ACTUAL DRIVING CONDITIONS. ENGINEER TO BE NOTIFIED ON ANY MODIFICATION.
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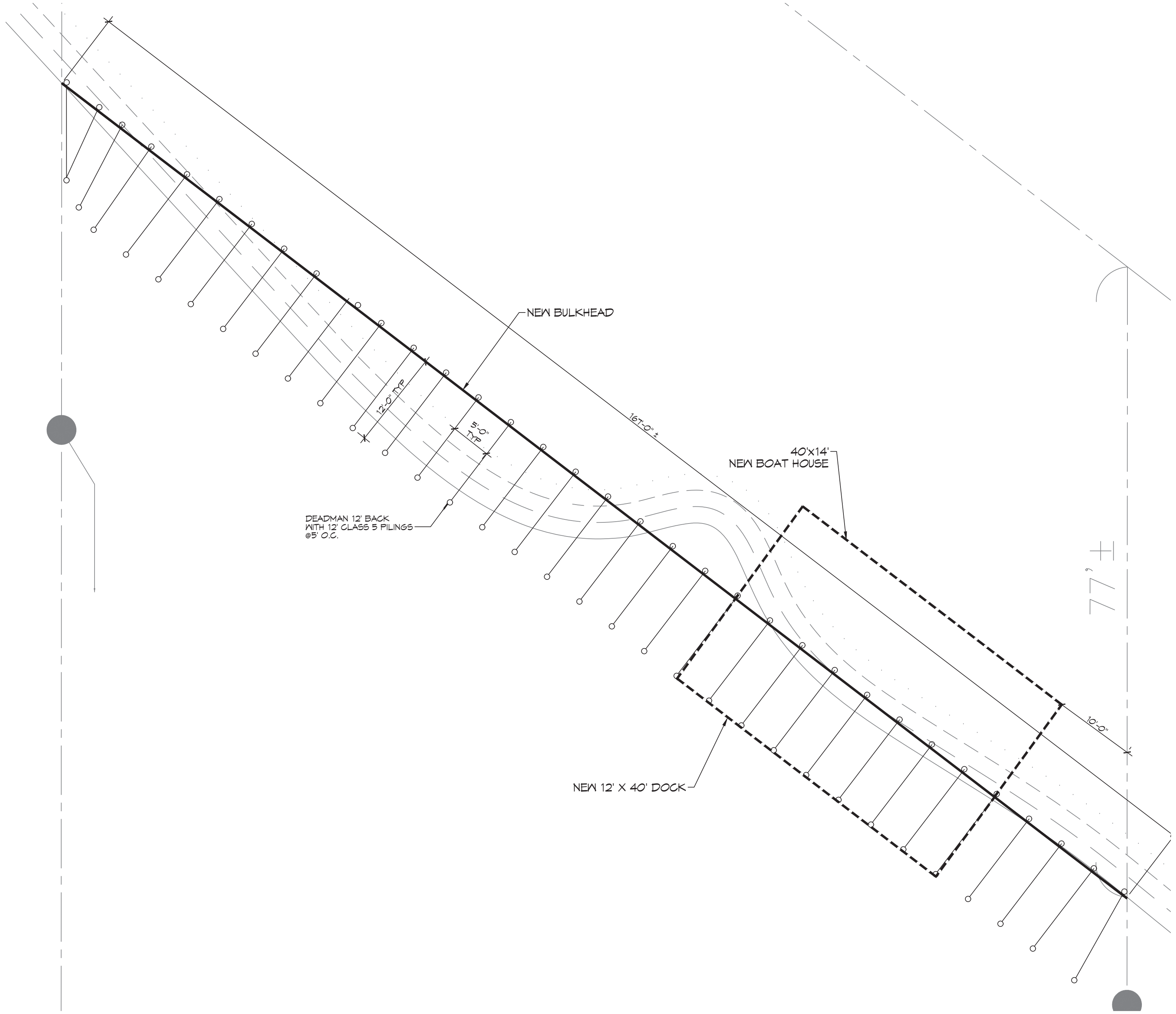
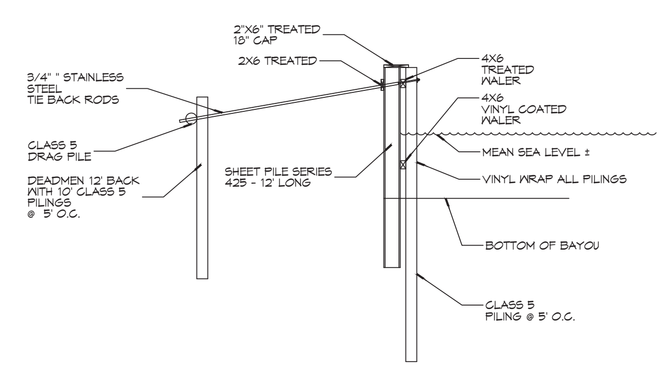


5 BULKHEAD PILING PLAN
SCALE: 1/8" = 1'-0"



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

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SHEET TITLE:
BULKHEAD PLAN

DRAWING NUMBER:
S102