

E.C. MARSH, P.E., FOUNDATION & STRUCTURE CONSULTANTS, INC., 1015 PINEBLISS BLVD., SUITE 100, MONROE, LA 70132, 504.333.8200

DESIGN CRITERIA

THE CONSTRUCTION FOR SAID RESIDENCE, WHERE BASIC WIND SPEED IS 140 MILES PER HOUR, WIND EXPOSURE ZONE B, 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

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 (HDS) PER ASTM A193.
3. ALL CONNECTORS SHALL BE HDG PER ASTM A653, CLASS 6105 SHEET WITH 1.05 OZ/SF ZINC COATING.

PILING COUNT

40 PILING COUNT

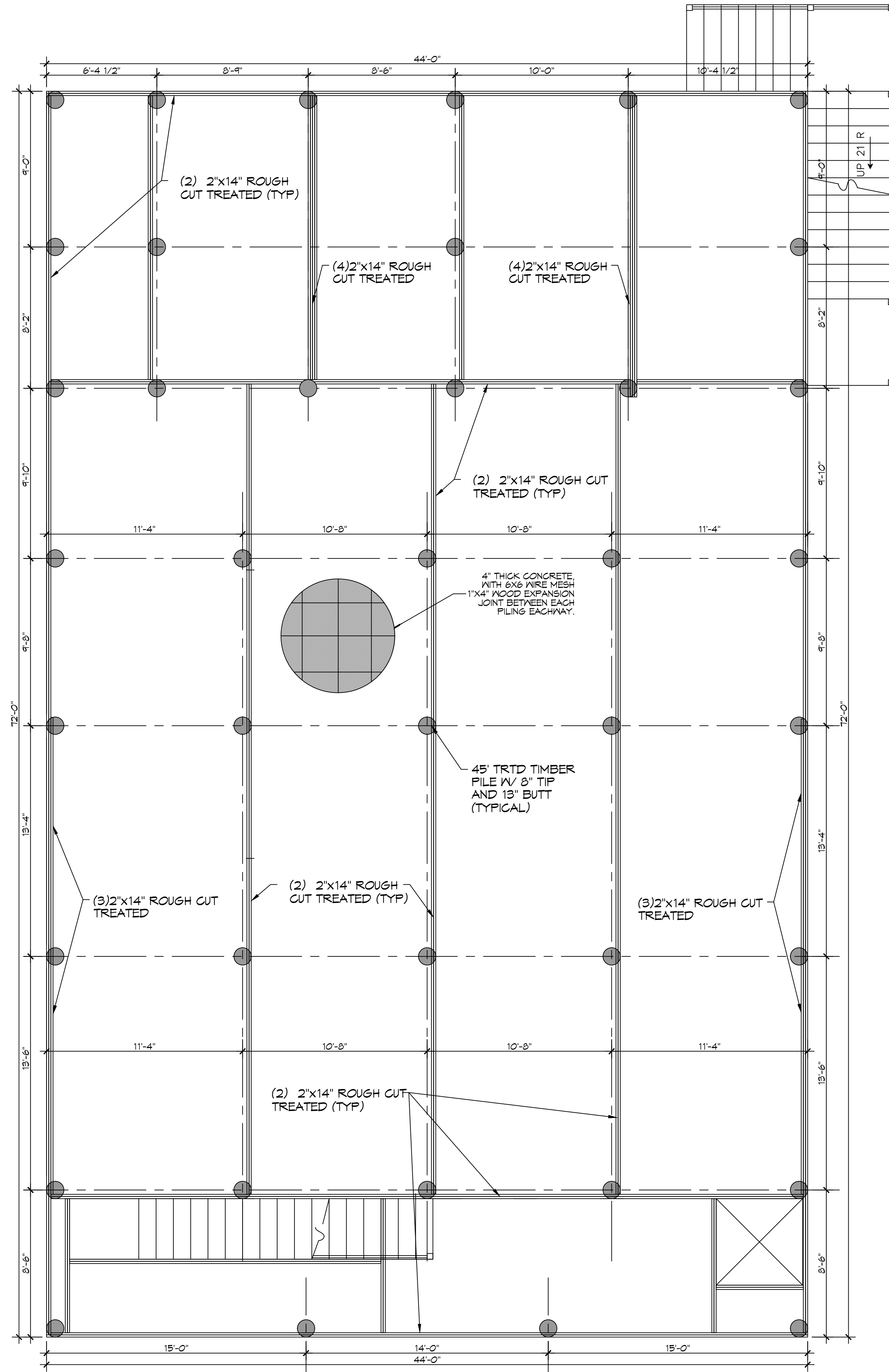
PILING NOTES

1. CLASS B PILES ARE TO BE 45 FT. IN LENGTH WITH A 8 INCH TIP AND 13" BUTT, DRIVEN TO REFUSAL.
2. ALL PILES SHALL BE PRESSURE-TREATED ROUND TIMBER PILES CONFORMING TO ASTM D25.
3. DESIGN LOAD = 5 TONS PER 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.
6. 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.
7. CONTRACTOR IS RESPONSIBLE FOR THE COMPARISON & VERIFICATION OF PILE LAYOUT DIMENSIONS WITH MOST RECENT ARCHITECTURAL DRAWINGS, ASSURING THAT PILES DO FALL WITHIN LIMITS OF THE DESIGN.
8. USE DROP HAMMER OR SINGLE ACTING AIR HAMMER DELIVERING 7500 FT-LEBS OF ENERGY PER BLOW. RAIN HEIGHT OF DROP HAMMER SHALL NOT EXCEED 2,500 TO 3,000 LBS AND THE DROP SHOULD NOT EXCEED 3 FT., AT MINIMUM OF 25 BLOWS PER FOOT. IF THE DROP EXCEEDS 3 FT., CONTACT ENGINEER FOR INSTRUCTIONS.
9. BRACE ALL PILING AS NEEDED FOR SHAYING.
10. FIELD VERIFY DIMENSIONS AGAINST THE ARCHITECTURAL DRAWINGS.
11. WRAP ALL PILING AT BASE LINE.

SHEET INDEX

| SHEET # | SHEET TITLE |
|---------|--|
| S101 | HOUSE PILING PLAN & DETAILS |
| S102 | FLOOR JOIST PLAN |
| S103 | CEILING JOIST AND ROOF FRAMING PLAN |
| S104 | CONNECTION DETAILS, SCHEDULES, & NOTES |

DAMMON ENGINEERING, INC.
 LOUISIANA & MISSISSIPPI
 Chief Engineer: Brian Mestich, PE
 554 Old Spanish Trail
 Slidell, LA 70458
 www.dammonengineering.com
 info@dammonengineering.com
 PH: 985-649-5832



1 PILING PLAN
SCALE: 1/4" = 1'-0"



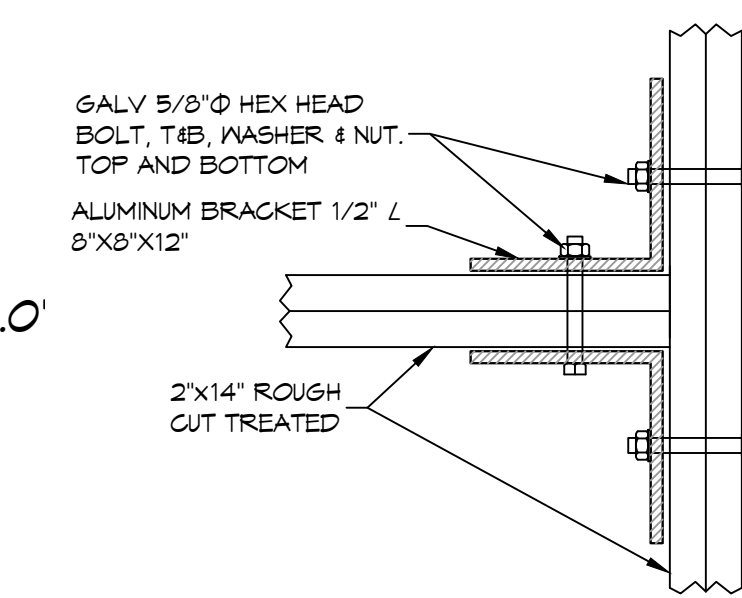
BLDG HEIGHT
SCALE: 3/16" = 1'-0"

FINISH FLOOR ELEVATION 16.5'

MINIMUM FLOOD ELEVATION 13.0'

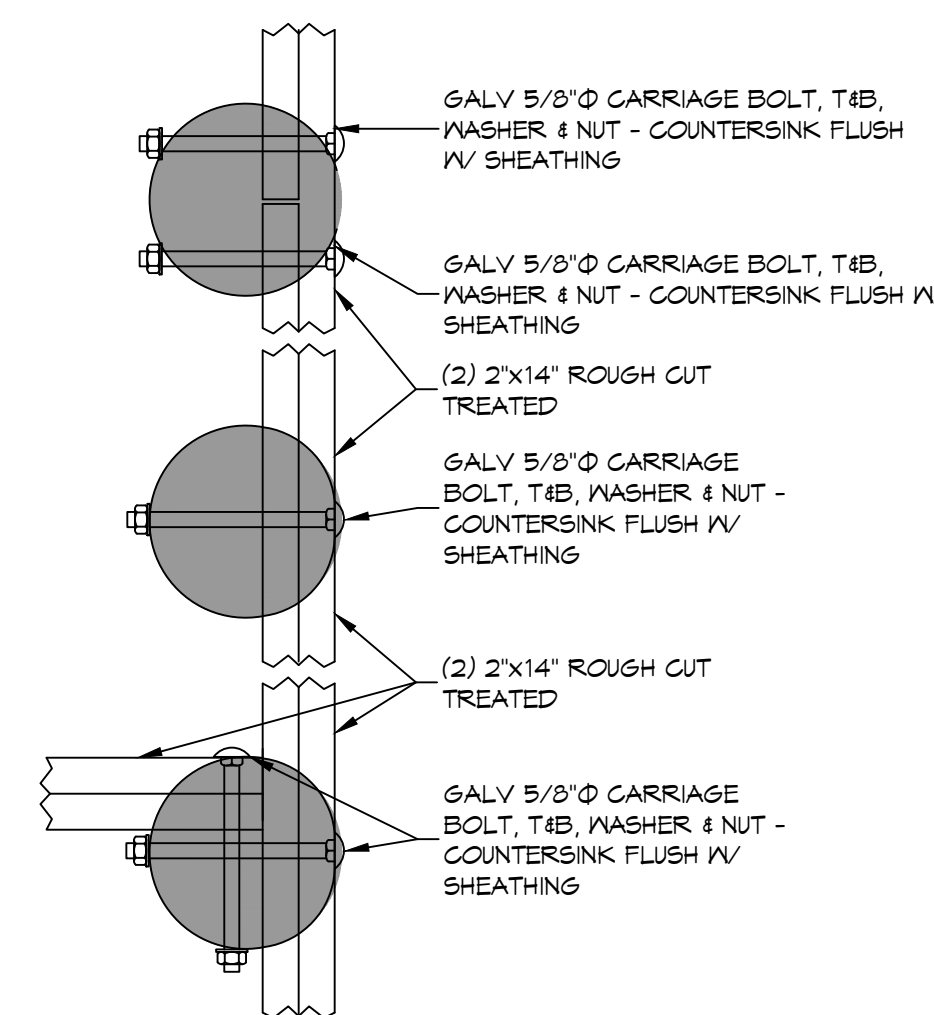
BASE FLOOD ELEVATION 11.0'

GROUND FLOOR 4.5'



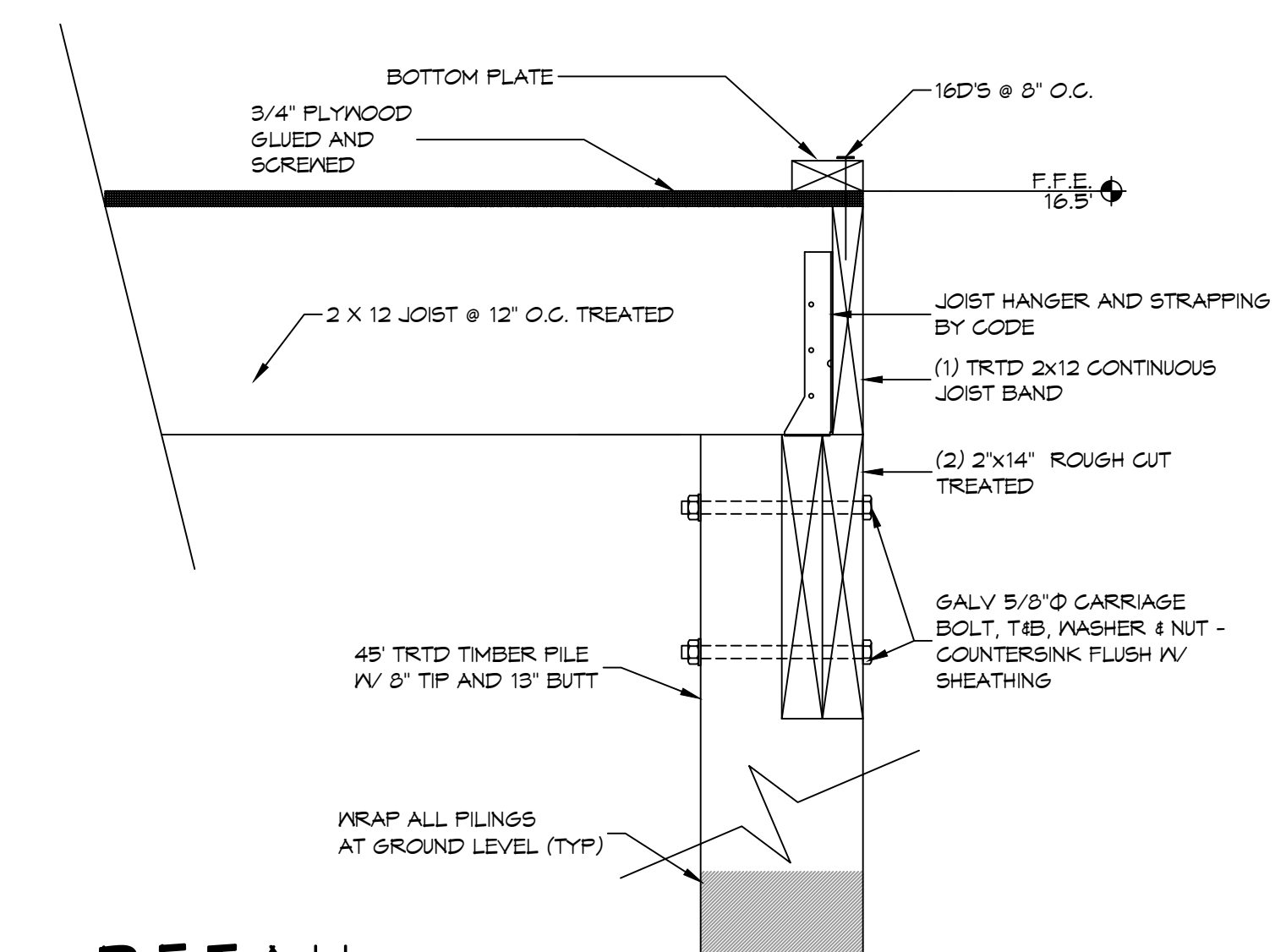
DETAIL

SCALE: 1-1/2" = 1'-0" CONNECTION BRACKET ON 2X14



DETAIL
SCALE: 1-1/2" = 1'-0"

PERIMETER BAND



DETAIL
SCALE: 1-1/2" = 1'-0"

PERIMETER JOIST BAND

| REVISIONS | DATE | DESCRIPTION |
|-----------|------|-------------|
| 1 | | |



ANTHONY & AMELIE PIZZA
 STRUCTURAL PLANS
 34895 BAYOU LIBERTY ROAD
 SLIDELL, LA 70460
 JOB No: 2023 DATE: 07-21-2023
 DRAWN BY: CKD CHECKED BY: BAW

SHEET TITLE:
HOUSE PILING PLAN & DETAILS

DRAWING NUMBER:

S101