1. ALL CONSTRUCTION SHALL COMPLY WITH THE LATEST NORTH CAROLINA RESIDENTAL BUILDING CODE, 2018 EDITION, IN ADDITION TO ALL LOCAL CODES AND REGULATIONS.

2. THE STRUCTURE SHOWN ON THE DRAWING IS ONLY STRUCTURALLY SOUND ONLY IN IT'S COMPLETED FORM.

4. DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHOULD BE READ OR CALCULATED. WRITTEN DIMENSIONS WILL HAVE PRECEDENCE OVER SCALED DIMENSION.

THE CONTRACTOR WILL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS IN THE FIELD.

5. THE PROPOSED REMODELING SHALL MEET LIGHT/VENTILATION AND EGRESS AS REQUIRED IN NORTH CAROLINA RESIDENTAL BUILDING CODE, 2018 EDITION

6. THE MEANS, METHODS, TECHNIQUES, PROCEDURE, AND SEQUENCES OF CONSTRUCTION, OR FOR SAFETY PRECAUTIONS OR PROGRAMS IN CONNECTION WITH THE CONSTRUCTION WORK ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL TAKE ALL THE NECESSARY PRECAUTIONS TO ENSURE THE INTEGRITY OF THE STRUCTURE THROUGHOUT ALL STAGE OF

### FOUNDATION / FOOTINGS NOTES

1. SOIL BEARING CAPACITY: 2000 PSF (PRESUMPTIVE). CONTRACTOR MUST VERIFY SITE CONDITIONS AND CONTACT GEOTECHNICAL ENGINEER IF MARGINAL OR UNSTABLE SOILS ARE ENCOUNTERED.

2. ALL EXCAVATIONS SHALL BE MADE TO FIRM SUITABLE BEARING SOILS AND CLEAR OF ORGANIC OR OTHER DELETEROIUS MATERIALS, A MINIMUM OF 12 INCHES BELOW PROJECTED FINAL GRADE

## BOLTS AND LAG SCREWS AND DRIVEN FASTERNERS

1. BOLTS SHALL CONFORM TO ASTM A307 MINIMUM GRADE TYP... UNO. INSTALL STANDARD STEEL WASHERS (ASTM F844-070) FOR THE NUT / BOLT HEAD WHEN BOLTING WOOD MEMBERS, HOLES FOR BOLTS SHALL BE AISC STANDARD HOLES UNO.

2. LAG SCREWS SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1-1981. PILOT HOLES SHALL BE USED FOR LAG SCREW INSTALLATION AND SHALL BE BORED ACCORDING TO NDS SPECIFICATIONS. INSTALL STANDARD STEEL WASHERS (ASTM F844-070) FOR SCREW HEAD.

3. ANCHOR RODS AND BOLTS SHALL CONFORM TO ASTM F1554-15 GRADE 36 UNO. BENT ANCHOR BOLTS SHALL HAVE A 2" MIN HOOK

### DIMENSIONAL LUMBER

1. SOLID SAWN WOOD FRAMING DESIGN IS BASED ON SYP #2 FOR

GIRDERS, BEAMS, AND SPRUCE PINE FIR STRUCT GRADE #2 FOR WALL STUDS, MINIMUM ALLOWABLE DESIGN PROPERTIES ARE AS FOLLOWS:

E= 1,400,000 PSI, Fc (perp) = 425 PSI, Fv = 285 PSI, SPECIFIC GRAVITY = 0.42 MIN

F = 875 PSI FOR 2X4, 2X6, 2X8. F=800 PSI FOR 2X10'S, 750 PSI FOR 2X12'S DEPTH SPECIFIED IN THE

1. LUMBER IN CONTACT WITH THE GROUND, CONCRETE OR

ALL OTHER EXPOSED LUMBER SHALL BE TREATED IN ACCORDANCE WITH AWPA STANDARD C-2 OR BY ANY METHOD GIVING EQUAL PROTECTION. THE BUILDING CODE OFFICE MAY

## **Existing Single Family Dwelling**

Exiting 3/0 x 6/8 Entry Door to be removed & enlarge opening to 6/0 x 7/6 (2) 2x12 Header, 2 king & 3 jack

studs with Simpson straps

**Existing Covered Screen Porch Proposed Sunroom Enclosure** 

**Existing Continuous** 

**Masonry Foundation** 



**New New Vinyl Sliding Window** with TEMPERED GLASS **Butyl Flashing Tape Foam Insulation** 

**New Exterior Entry Door** 

## New 2x6 Walls

Pressure treated bottom plates, attached with 1/2" wedge anchors & epoxy into existing concrete

- 12" of solid 2x6 wall at corners for lateral resistance

2x6 studs, 16" o.c.

- 7/16 OSB Sheathing with 10d nails 3"o.c.

Weather-resistant barrier & Vinyl Siding to match existing

Existing Vinyl soffit ceiling to be removed to confirm if H2.5a hurricane ties on existing rafters & ceiling joists.

R38 Ceiling Insulation to be confirmed & installed if not present

R19 Insulation in walls

· Electrical Outlets per code

New Vinyl Sliding Window

**Nail-Fin Installation** 

**Butyl Flashing Tape** 

## MAY BE RIPPED FROM DEEPER MEMBERS TO MATCH THE MEMBER PLANS.

MASONRY SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA STANDARD C-15.

ALSO APPROVE A NATURAL DECAY RESISTANT WOOD PER SECTION

## SUNROOM CONVERSION

51 OXFORD WOODS DR, ANGIER, NC, 27501 OXFORD WOODS | LOT 3

## **CLIENT**

SANDRA BERRY 51 OXFORD WOODS DR, ANGIER, NC 27501 DATE: 07/03/2025

WDR PO: S BERRY

SOLD BY: SA

DRAWN BY: CJH

**REVIEWED BY: JJ** 

## WINDOW DEPOTS of RALEIGH, NC

NC GC LICENSE # 104600

PHONE: (919)801-2506

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# NOTES & **DRAWINGS**

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