



April 24, 2024

Joe Ski
c/o Clean Slate Contracting
229 Cherry Bark Loop
Clayton, NC 27527
Email: info@cleanslaterdu.com

Reference: Engineering Services
865 Coachman Way
Sanford, NC 27332
TE&D Project No.: 2401-020288

To Whom It May Concern;

As requested by the client, a representative of Tyndall Engineering & Design, PA (TE&D) is providing analysis for the following framing issue(s):

- 1) We understand the existing rear deck is to be removed and replaced with a new 3-Season Room. We are providing an analysis of the framing for the proposed space.

The following conclusions and recommendations were noted:

- 1) We understand the existing deck framing and foundation is to be removed and replaced per the plan provided by the client and included with this report. Based on our understanding and analysis, the proposed deck framing and foundation is adequate to support the anticipated loading conditions.

We understand the walls and roof of the sunroom are to be framed per the plans provided by the client and included with this report. Based on our observations and analysis, we recommend the following:

- A) The proposed wall headers are to consist of minimum (2) 2 x 12 headers.
- B) The aluminum posts are to be connected to each of the top brackets with a total of (4) 1/2" TEC screws (1 screw from each side of the post). The brackets are to be attached to the top beams with (4) 6" long Fastenmaster Timberlok screws.
- C) The aluminum posts are to be connected to each of the bottom brackets with a total of (4) 1/2" TEC screws (1 screw from each side of the post). The brackets at the bottom of the posts are to be fastened to the beam below with (2) 6" long Fastenmaster Timberlok screws per side.
- D) The aluminum tracks securing the posts to the beams above and below are to be installed with 6" long Fastenmaster Timberlok screws installed at 24" o.c. and within 12" of corners.



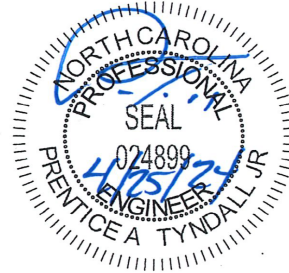
- E) New rafters and ceiling joists are to consist of minimum 2 x 8 at 16" o.c. rafters/joists. Rafters/joists are to bear on the existing home with new 2 x 8 bands attached to the existing wall framing with (3) 2" SDS screws at 16" o.c. (i.e. every stud).

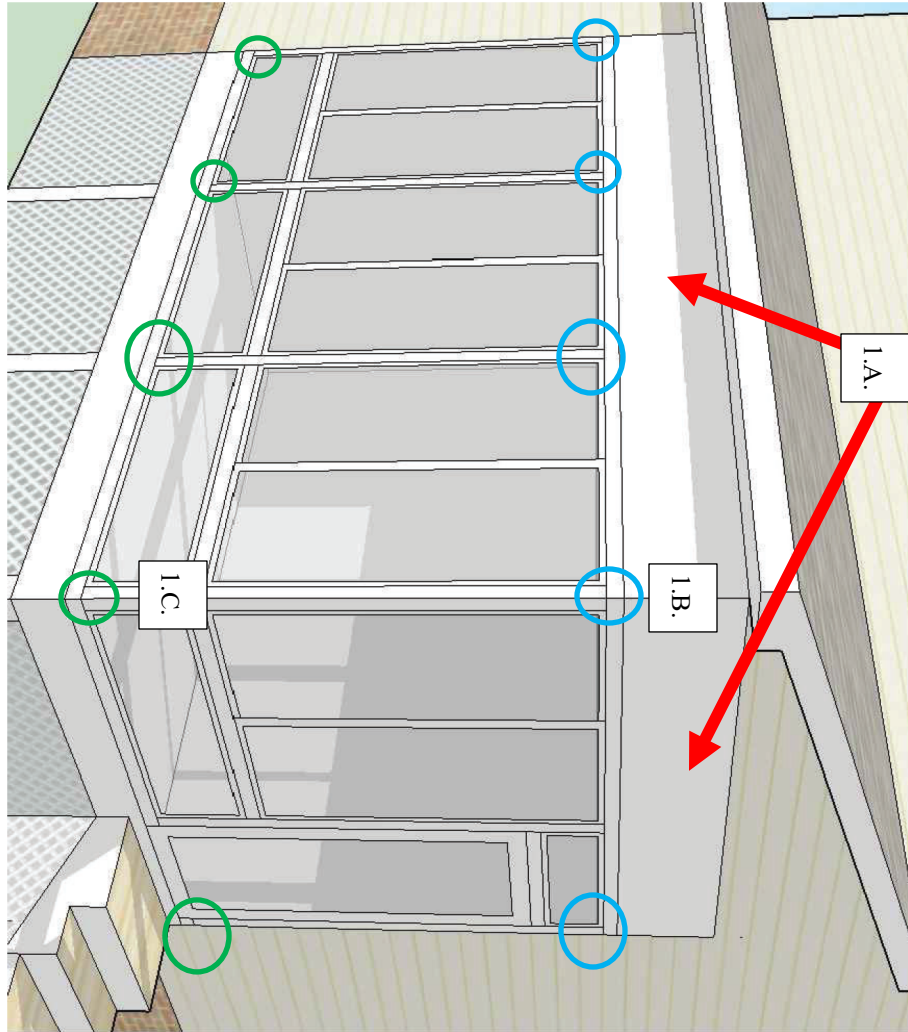
Upon completion, the new deck framing and new 3-Season Room framing will provide the required support for the anticipated loading conditions. We appreciate being able to assist you during this phase of the project. If you need further assistance or require additional information, please do not hesitate to contact us.

Sincerely,
Tyndall Engineering & Design

Tripp Amos
PT III | 2401-020288

Prentice Tyndall Jr., P.E.





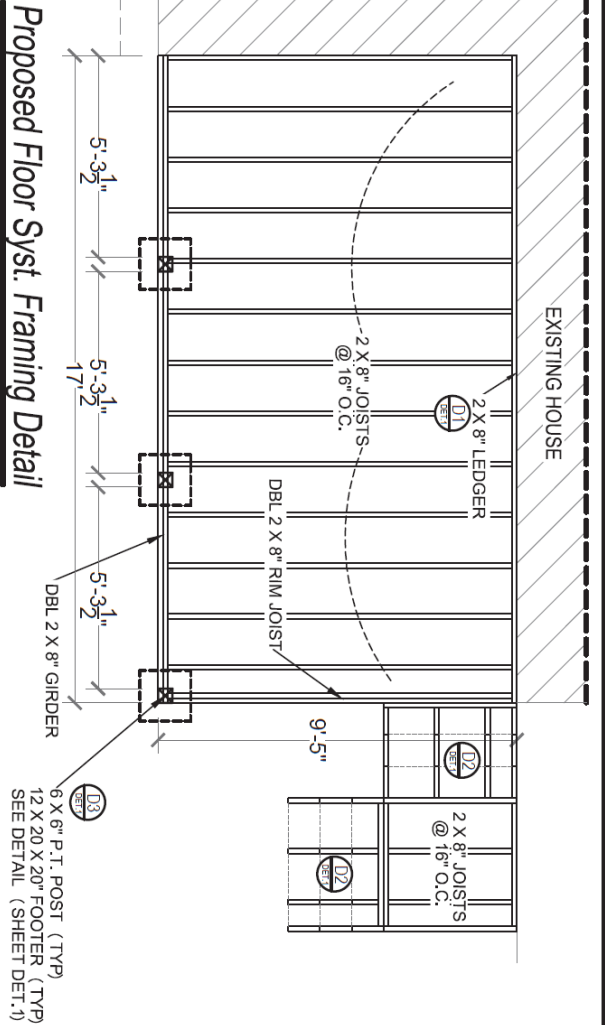
ELEVATIONS

NOT TO SCALE

*** DISCLAIMER - ALL RENDERINGS ARE TO BE CONSIDERED CONCEPTUAL.

<p>REVISIONS</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<p>ELEVATIONS</p> <p>for</p> <p>865 COACHMAN WAY</p>	<p>CLEAN SLATE CONTRACTING, LLC</p> <p>229 CHERRY BARK LOOP</p> <p>CLAYTON, NC 27927</p> <p>DRAWN BY: J. MARTIN</p> <p>DATE: 3/04/24</p> <p>SCALE: NTS</p>	<p>CLIENT: MURRAY & HEATHER SIMPKINS</p> <p>865 COACHMAN WAY</p> <p>SANFORD, NC 27332</p>	<p>job no. 001795</p> <p>SHEET NO. EL.1</p>
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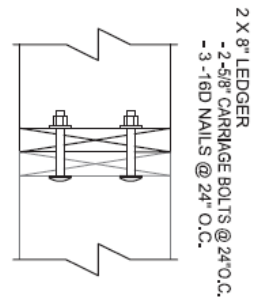


JOIST HANGERS REQ'D @ ALL CONNECTIONS
SINGLES 2 X 8 - SIMPSON STRONG-TIE LUS82
FRAMING NOTE:
- ALL FRAMING TO BE NO.2 SOUTHERN YELLOW PINE.

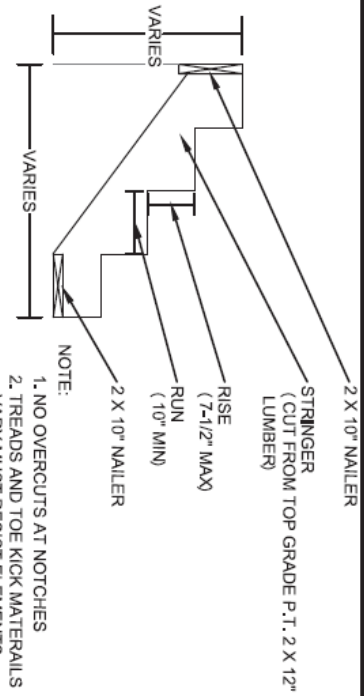
NOTES:
- FOR REVIEW ONLY, CONSTRUCTION TO COMMENCE AFTER PLAN APPROVAL, AND ALL PERMITS ARE OBTAINED
- CONTRACTOR TO VERIFY ALL STRUCTURAL INFORMATION AND LOADING WITH LICENSED PROFESSIONALS
- CONSTRUCTION TO MEET ALL STATE AND LOCAL BUILDING CODES
- EXISTING DECKS, PATIOS AND MISC. FOUNDATIONS TO MEET CURRENT STATE AND LOCAL CODES AT THE TIME OF CONSTRUCTION.

NC STATE BUILDING CODE REFERENCE:
- CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE (2018 IRC WITH NORTH CAROLINA AMENDMENTS), 2018 EDITION, PLUS LOCAL CODES AND REGULATIONS (NCRS). WORK NOT DETAILED SHALL COMPLY WITH THE REQUIREMENTS OF THE NCRS.

<p>REVISIONS</p>	<p>FRAMING PLAN</p> <p>for</p> <p>865 COACHMAN WAY</p>	<p>CLEAN SLATE CONTRACTING, LLC</p> <p>229 CHERRY BARK LOOP</p> <p>CLAYTON, NC 27327</p> <p>DRAWN BY: J. MARTIN</p> <p>DATE: 3/04/24</p> <p>SCALE: 1/4" = 1'-0"</p>	<p>CLEAN SLATE CONTRACTING</p> <p>info@cleanslateind.com (919) 429-8875</p>	<p>CLIENT: MURRAY & HEATHER SIMPKINS</p> <p>865 COACHMAN WAY</p> <p>SANFORD, NC 27332</p>	<p>JOB NO. 001795</p> <p>SHEET NO. FR.1</p>
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2 X 8" LEDGER
- 2-5/8" CARRIAGE BOLTS @ 24" O.C.
- 3-1/2" DIA NAILS @ 24" O.C.



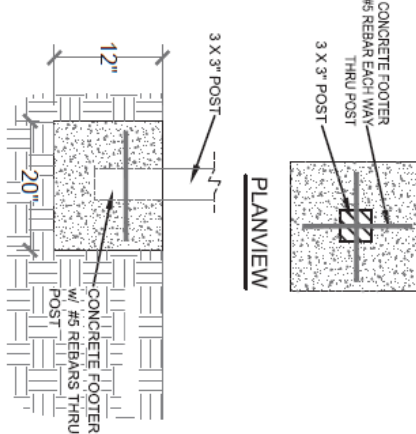
NOTE:
1. NO OVERCUTS AT NOTCHES
2. TREADS AND TOE KICK MATERIALS VARY MUST RESIST ELEMENTS AND NOT CREATE SLIP HAZARD.
3. STAIRS ABOVE 24" IN HEIGHT REQUIRE HANDRAILS.

D1 LEDGER DETAIL

NTS

D2 TYPICAL STAIR DETAIL

NTS



D3 TYPICAL FOOTER DETAIL

NTS

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REVISIONS

NO.	DATE	DESCRIPTION

DETAILS

for
865 COACHMAN WAY

CLEAN SLATE CONTRACTING, LLC
229 CHERRY BARK LOOP
CLAYTON, NC 27527

DRAWN BY: J. MARTIN
DATE: 3/04/24
SCALE: 1/4" = 1'-0"



CLIENT: MURRAY & HEATHER SIMPKINS

865 COACHMAN WAY
SANFORD, NC 27332

JOB NO. 001795
SHEET NO. DET. 1