ADDENDUM NUMBER THREE

for

USC Taylor House Phase II Renovations
Project No.: U-858-17-2
State Project Number: H27-Z366

COLUMBIA, SOUTH CAROLINA

PREPARED BY:

The Boudreaux Group 1519 Sumter Street, Columbia, South Carolina 29201

DATE OF ISSUE: July 26, 2018

TO: ALL BIDDERS OF RECORD, CONSULTANTS, OWNER:

The following items shall take precedence over the drawings and specifications for the above named project and shall become a part of the contract documents. Where any item called for in the specifications, or indicated on the drawings, is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided or superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

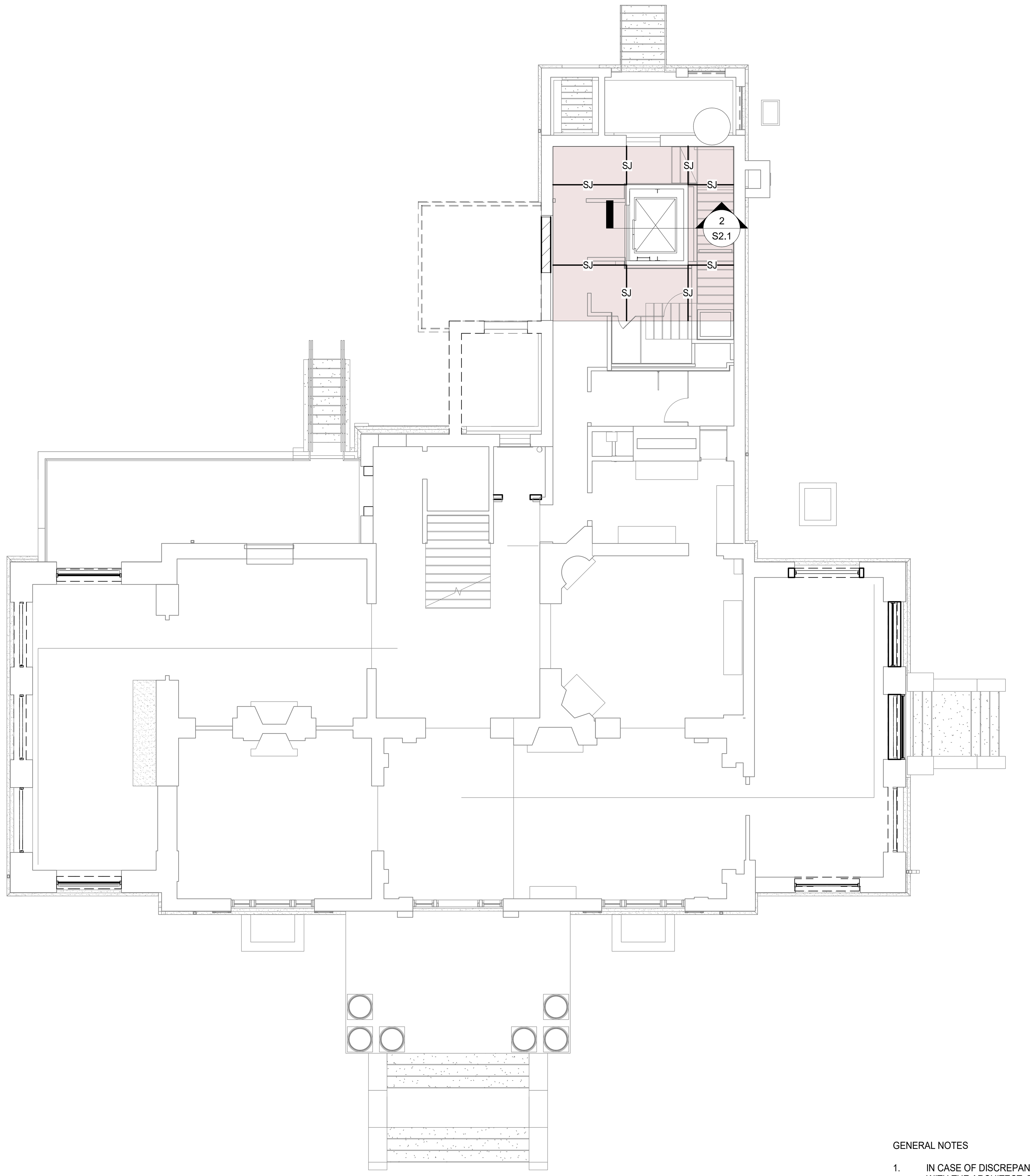
CONTRACTOR SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM.

This addendum consists of 1 page and the following attachments: S1.1, S2.3

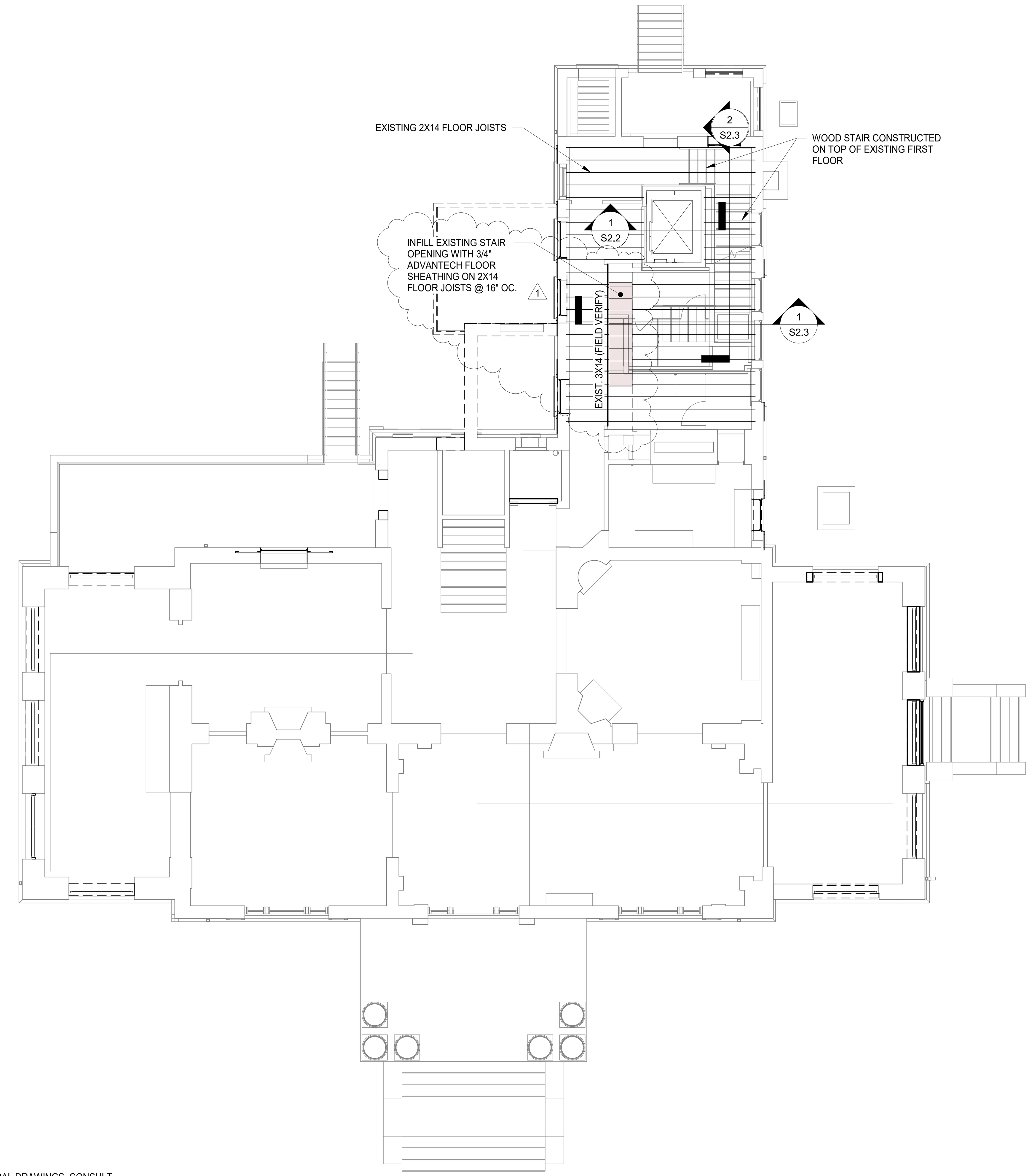
I. Structural Drawings:

1. See S1.1 and S2.3 for revisions to fill in framing at existing stair that is demolished.

END OF ADDENDUM



1 S1.1 **BASEMENT PLAN**
1/8" = 1'-0"



2 S1.1 **FIRST FLOOR FRAMING PLAN**
1/8" = 1'-0"

PLAN NOTES:

1. REMOVE AND REPLACE EXISTING FLOOR SLAB AT SHADED AREA AS REQUIRED TO INSTALL NEW ELEVATOR PIT. NEW FLOOR CONSTRUCTION IS 4" SLAB ON GRADE REINFORCED WITH WWF 6X6 - W1.4 X W1.4 OVER VAPOR BARRIER AND 4" GRANULAR BASE.
2. SEE DWG. S2.1 FOR SAW JOINT (SJ) DETAIL.

GENERAL NOTES

1. IN CASE OF DISCREPANCY BETWEEN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS, CONSULT WITH THE ARCHITECT. FOR DIMENSIONS AND DETAILS NOT SHOWN, SEE THE ARCHITECTURAL DRAWINGS. VERIFY ALL MECHANICAL OPENINGS AND SUPPORTS WITH THE MECHANICAL EQUIPMENT. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS RELATED TO EXISTING CONSTRUCTION.
2. DESIGN CRITERIA
   - A. BUILDING CODE: 2015 INTERNATIONAL BUILDING CODE
   - B. RISK CATEGORY: II
   - C. SEISMIC DESIGN DATA:
     - a. IMPORTANCE FACTOR: 1.00
     - b. S_S = 0.418 S_1 = 0.143
     - c. SD_S = 0.335 SD_1 = 0.158
     - d. SITE CLASS C, SEISMIC DESIGN CATEGORY C
   - D. WIND VELOCITY 115 MPH, EXPOSURE B, INTERNAL PRESSURE COEFFICIENT +/- 0.18.
   - E. ROOF LIVE LOAD: 20 PSF
   - F. GROUND SNOW LOAD: 10 PSF
   - G. FLOOR LIVE LOADS:
     - a. STAIR: 100 PSF
     - b. ATTIC: 40 PSF
3. FOUNDATION DESIGN BASED ON A SUBSURFACE INVESTIGATION FOR THE ADJACENT LAW SCHOOL BY S&ME, INC., (S&ME PROJECT NO. 1461-14-031 DATED MAY 30, 2014.
   - A. ALLOWABLE BEARING PRESSURE = 3000 PSF
4. CONCRETE: 28-DAY COMPRESSIVE STRENGTHS SHALL BE AS FOLLOWS:
   - A. ALL CONCRETE: 3000 PSI, NORMAL WEIGHT
5. CONCRETE REINFORCING STEEL
   - A. ASTM A615, GRADE 60, EXCEPT WHERE REINFORCING IS SHOWN TO BE WELDED, USE ASTM A706 WELDABLE REINFORCING. DO NOT WELD OR TACK WELD ANY REINFORCING NOT SHOWN ON THE DRAWINGS TO BE WELDED.
   - B. DETAIL IN ACCORDANCE WITH ACI DETAILING MANUAL, LATEST EDITION.
   - C. LAP ALL BARS WITH CLASS B SPLICES UNLESS NOTED OTHERWISE.
   - D. PROVIDE CORNER BARS OF SAME SIZE AND SPACING AS HORIZONTAL REINFORCING AT ALL WALLS AND FOOTING INTERSECTIONS. LAP WITH CLASS B SPLICES.
6. STRUCTURAL STEEL
   - A. MATERIALS:
     - a. PIPE: ASTM A53, GRADE B
     - b. TUBE: ASTM A500, GRADE C
     - c. WIDE FLANGES: ASTM A992, GRADE 50
     - d. OTHER: ASTM A36
   - B. FABRICATION SHALL BE IN ACCORDANCE WITH AISC SPECIFICATIONS.
   - C. BOLTED CONNECTIONS: ASTM A325. 3/4" DIAMETER, SNUG-TIGHTENED, BEARING TYPE CONNECTIONS WITH THREADS IN THE SHEAR PLANE UNLESS NOTED OTHERWISE.
   - D. WELDED CONNECTIONS: E70XX ELECTRODES. ELECTRODES USED FOR WELDING A992 STEEL SHALL BE LOW HYDROGEN ELECTRODES.
7. WOOD FRAMING
   - A. FRAMING LUMBER: SOUTHERN PINE NO. 2, 19% MAXIMUM MOISTURE CONTENT, EXCEPT WHERE NO. 1 IS NOTED ON THE DETAILS. ALL FRAMING AND FASTENING SHALL BE DONE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE.
8. REINFORCED MASONRY:
   - A. CONCRETE MASONRY UNITS: ASTM C90, GRADE N, LIGHTWEIGHT.
   - B. GROUT: 2500 PSI COARSE GROUT IN ACCORDANCE WITH ASTM C476, WITH 8" TO 11" SLUMP. GROUT ALL CELLS WHICH CONTAIN REINFORCEMENT OR WHICH ARE BELOW FINISH FLOOR OR FINISH GRADE.
   - C. MORTAR: TYPE S IN ACCORDANCE WITH ASTM C270.
   - D. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, EXCEPT WHERE REINFORCING IS SHOWN TO BE WELDED, USE ASTM A706 WELDABLE REINFORCING. DO NOT WELD OR TACK WELD ANY REINFORCING NOT SHOWN ON THE DRAWINGS TO BE WELDED.
   - E. LAP ALL #4 BARS 2'-0", LAP ALL #5 BARS 2'-7".
9. POST INSTALLED ANCHORS INSTALLED IN MASONRY OR HARDENED CONCRETE SHALL BE SHOWN IN THE TABLES ON S2.2.

JOHNSON&KING ENGINEERS
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A/E Seal: SOUTH CAROLINA — Johnson & King Engineers No. 0165 — CERTIFICATE OF AUTHORIZATION

A/E Seal: SOUTH CAROLINA — No. 8736 — RICHARD ALLAN BURCH — 4.19.18

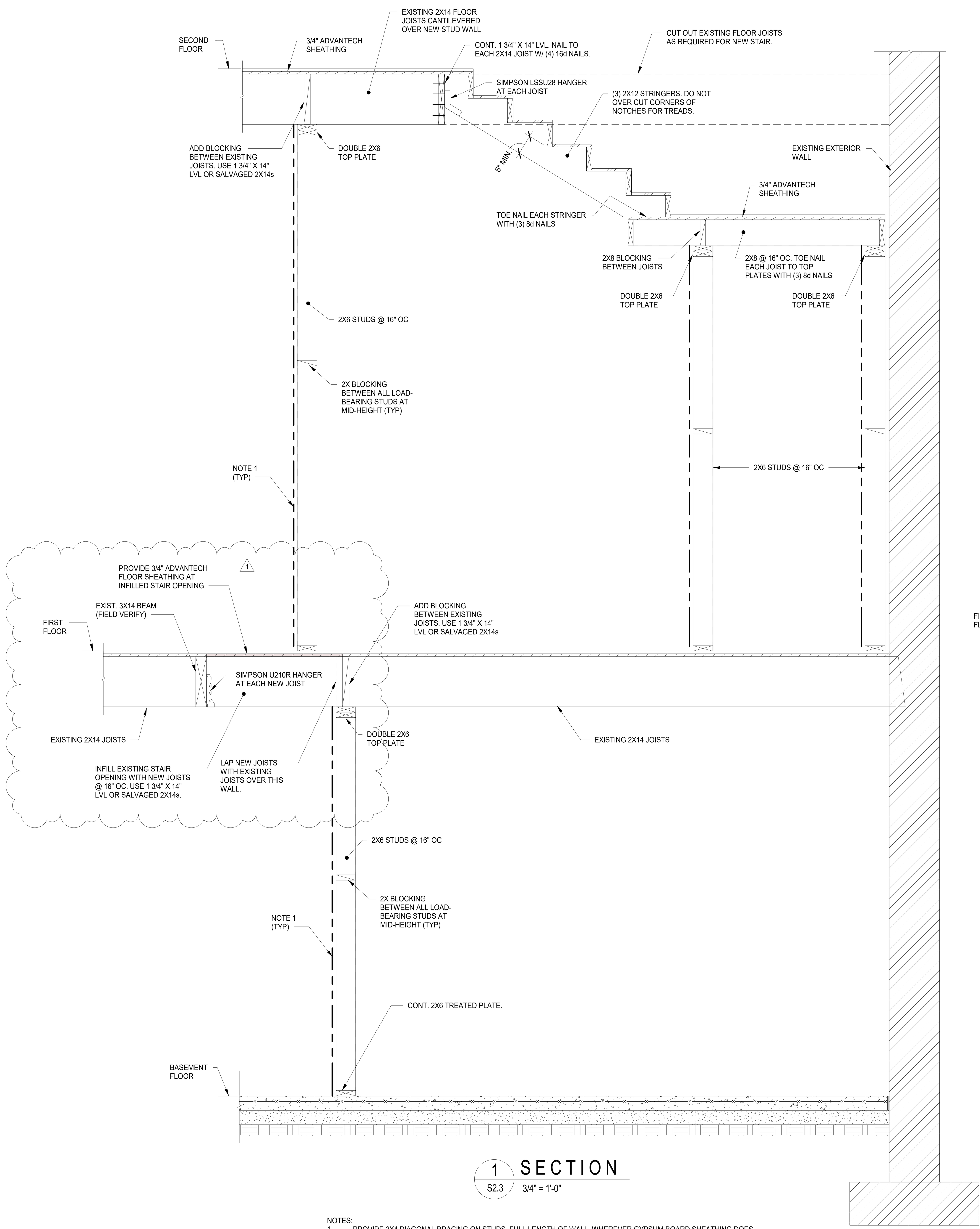
UNIVERSITY OF SOUTH CAROLINA
TAYLOR HOUSE PHASE II RENOVATIONS
COLUMBIA, SOUTH CAROLINA
STATE PROJECT NUMBER: H27-Z366

Project Number: U-858-17-2
Drawn By: TCD
Checked By: RAB
Date: 06/18/18

No.	Description	Date
1	Addendum 3	07.26.18

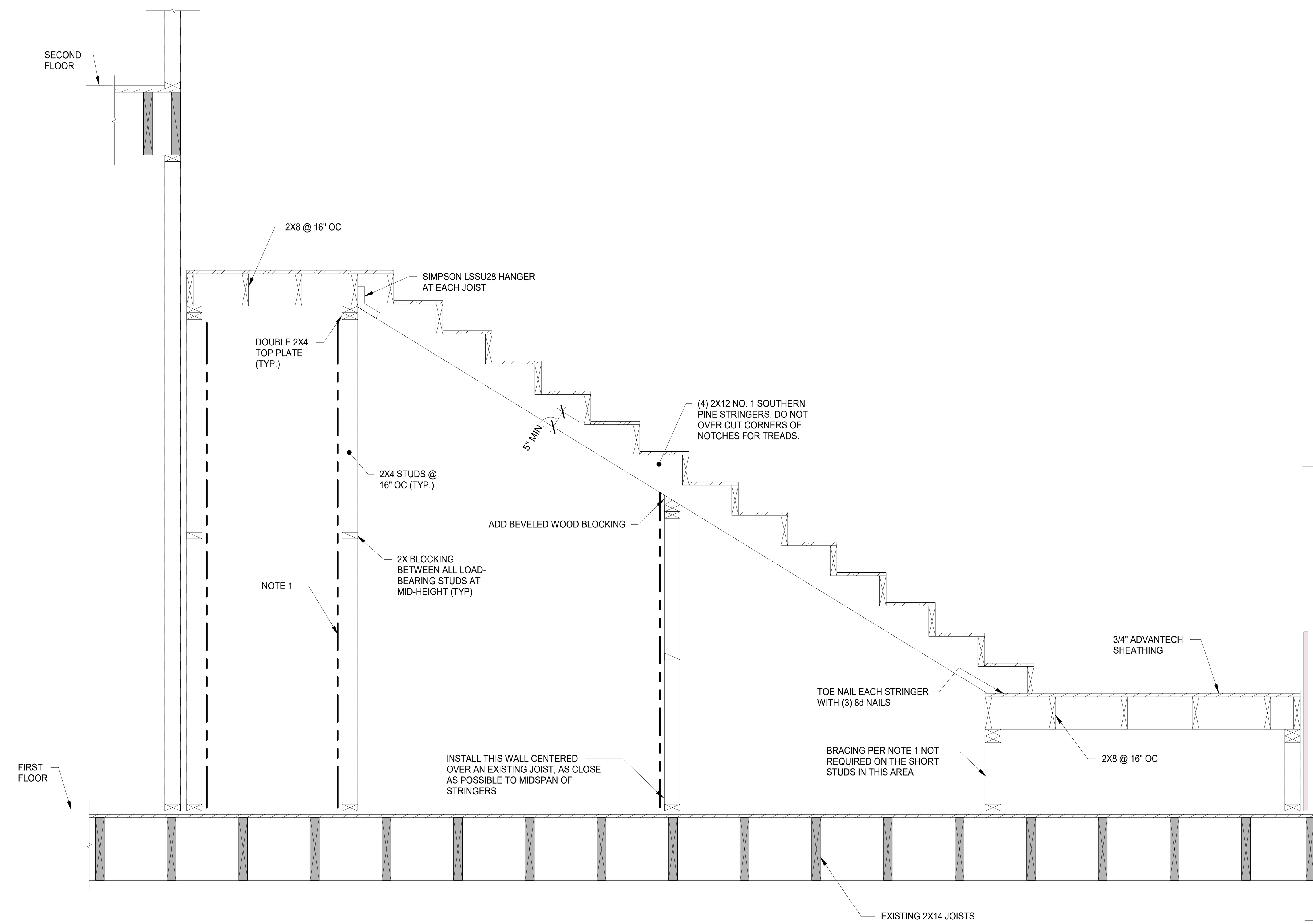
Drawing Title.
PARTIAL BASEMENT AND FIRST FLOOR FRAMING PLANS

Drawing No.
S1.1



1 SECTION
S2.3 3/4" = 1'-0"

NOTES:
1. PROVIDE 2X4 DIAGONAL BRACING ON STUDS, FULL LENGTH OF WALL, WHEREVER GYPSUM BOARD SHEATHING DOES NOT OCCUR ON AT LEAST ONE SIDE OF WALL. SEE THE ARCHITECTURAL DRAWINGS FOR LOCATIONS WHERE WALL STUDS HAVE SHEATHING. NAIL BRACES TO EACH STUD WITH (2) 16d NAILS.



2 SECTION
S2.3 3/4" = 1'-0"

NOTES:
1. PROVIDE 2X4 DIAGONAL BRACING ON STUDS, FULL LENGTH OF WALL, WHEREVER GYPSUM BOARD SHEATHING DOES NOT OCCUR ON AT LEAST ONE SIDE OF WALL. SEE THE ARCHITECTURAL DRAWINGS FOR LOCATIONS WHERE WALL STUDS HAVE SHEATHING. NAIL BRACES TO EACH STUD WITH (2) 16d NAILS.

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A/E Seal
SOUTH CAROLINA Johnson & King Engineers No. 0165 CERTIFICATE OF AUTHORIZATION

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SOUTH CAROLINA No. 8736 RICHARD ALLAN BURK

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Drawing Title:
STRUCTURAL DETAILS

JOHNSON & KING ENGINEERS structural consultants
1223 Elmwood Avenue Columbia, SC 29201

Drawing No.
S2.3