



South Salem Street, Suite 101, Apex, NC 275

THE ALPHA HOUSE 902 GOLD STREET

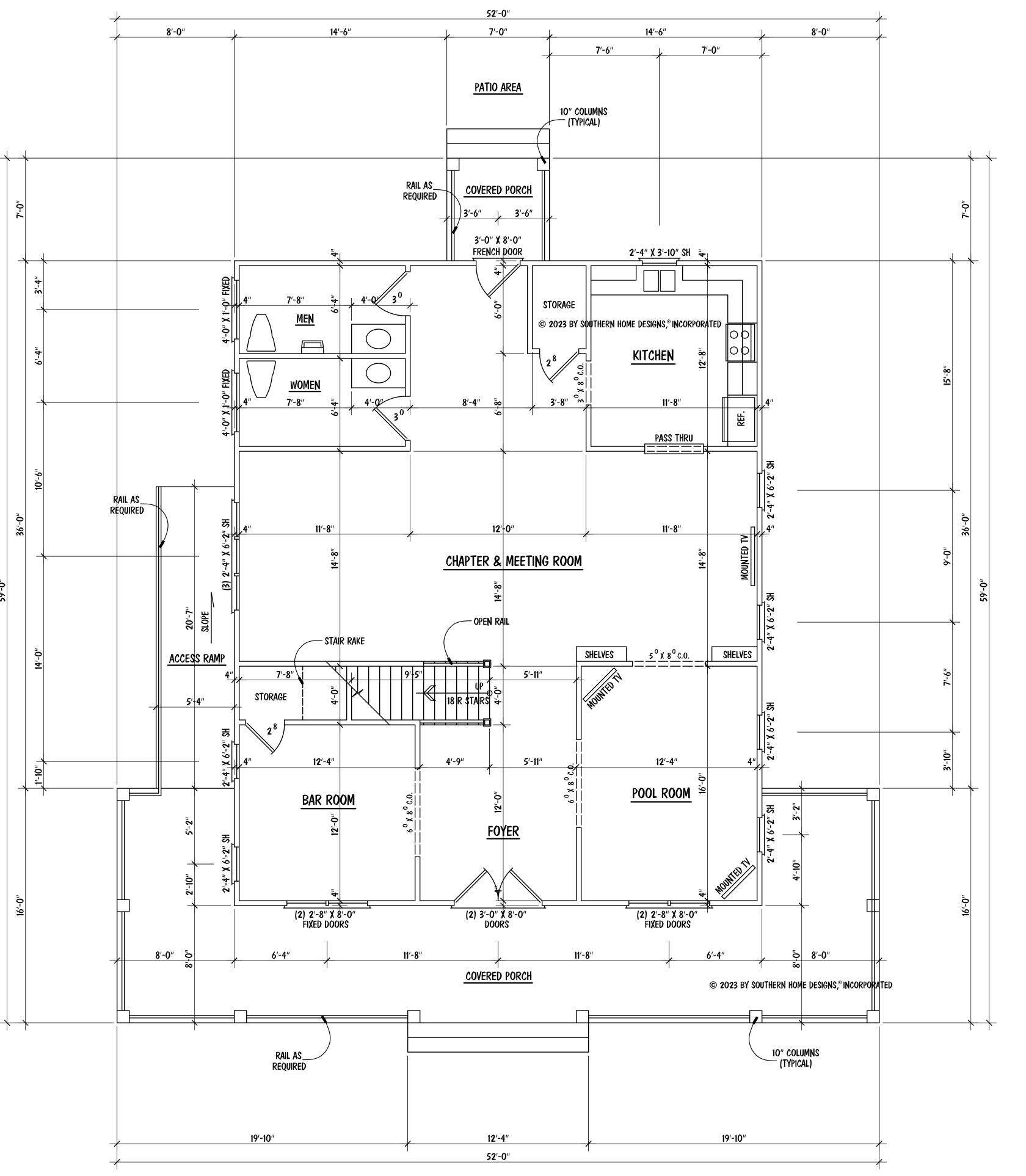
of Raleigh, Inc.

ENGR. #:

DATE: 12-05-23

SHEET: A-1

PLAN #: 23-120523



## NOTES:

- 10'-0" CEILING HGT. (TYP.) U.N.O.
- SET WINDOWS @ 8'-0" A.F.F. (TYP.) U.N.O
- SET WINDOW IN KITCHEN @ 7'-4" A.F.F.
- STAIRS: UP 18 R (TYP.), 1ST FLOOR TO 2ND FLOOR

SQUARE FOOTAGE FIRST FLOOR 1584 SECOND FLOOR 1208 TOTAL 2792 MISCELLANEOUS FRONT PORCH 544 REAR PORCH ACCESS RAMP 110 MECH. / STOR. 338

## FIRST FLOOR PLAN

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

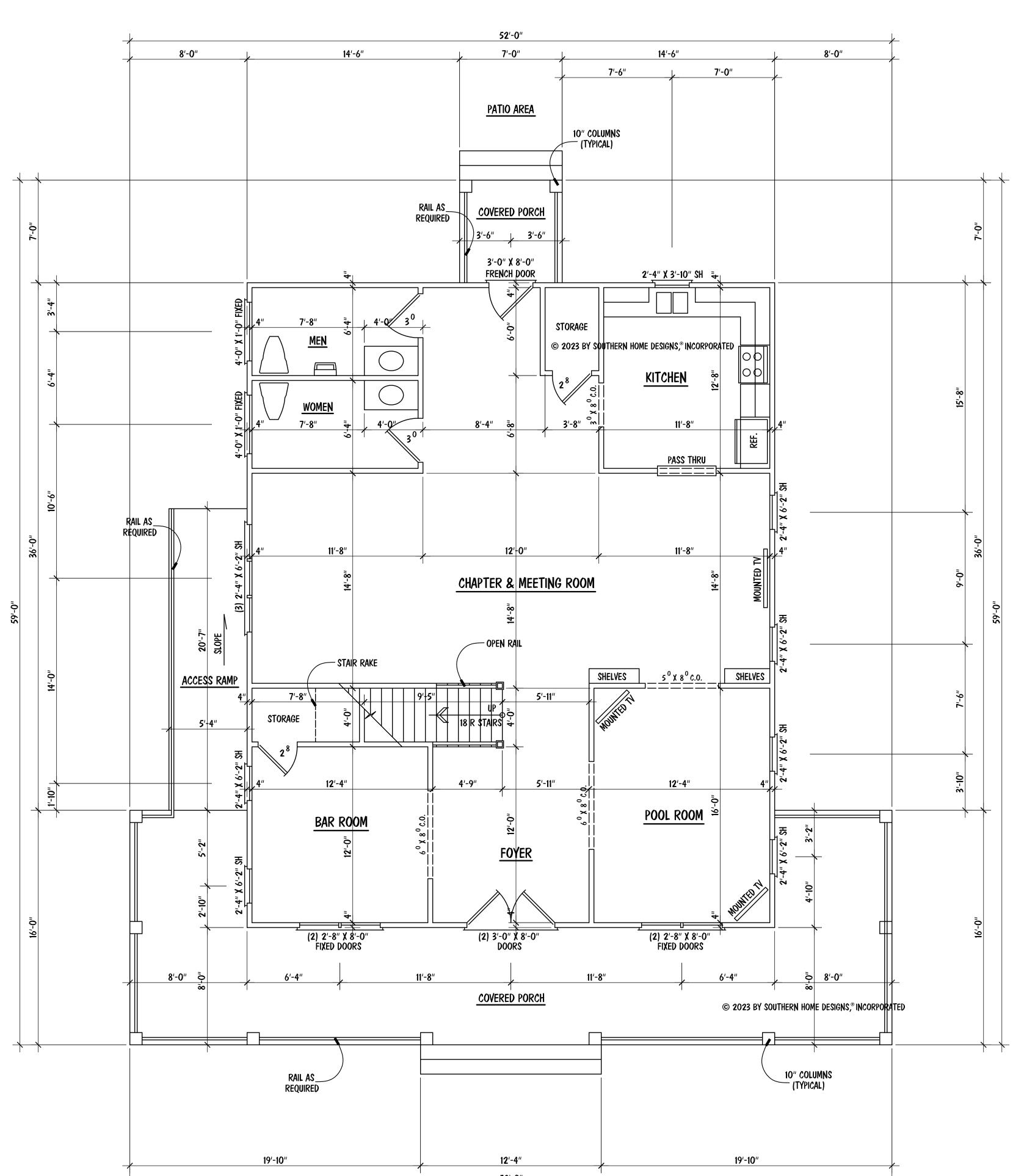
DATE: 12-05-23 SHEET: A-2 PLAN #: 23-120523

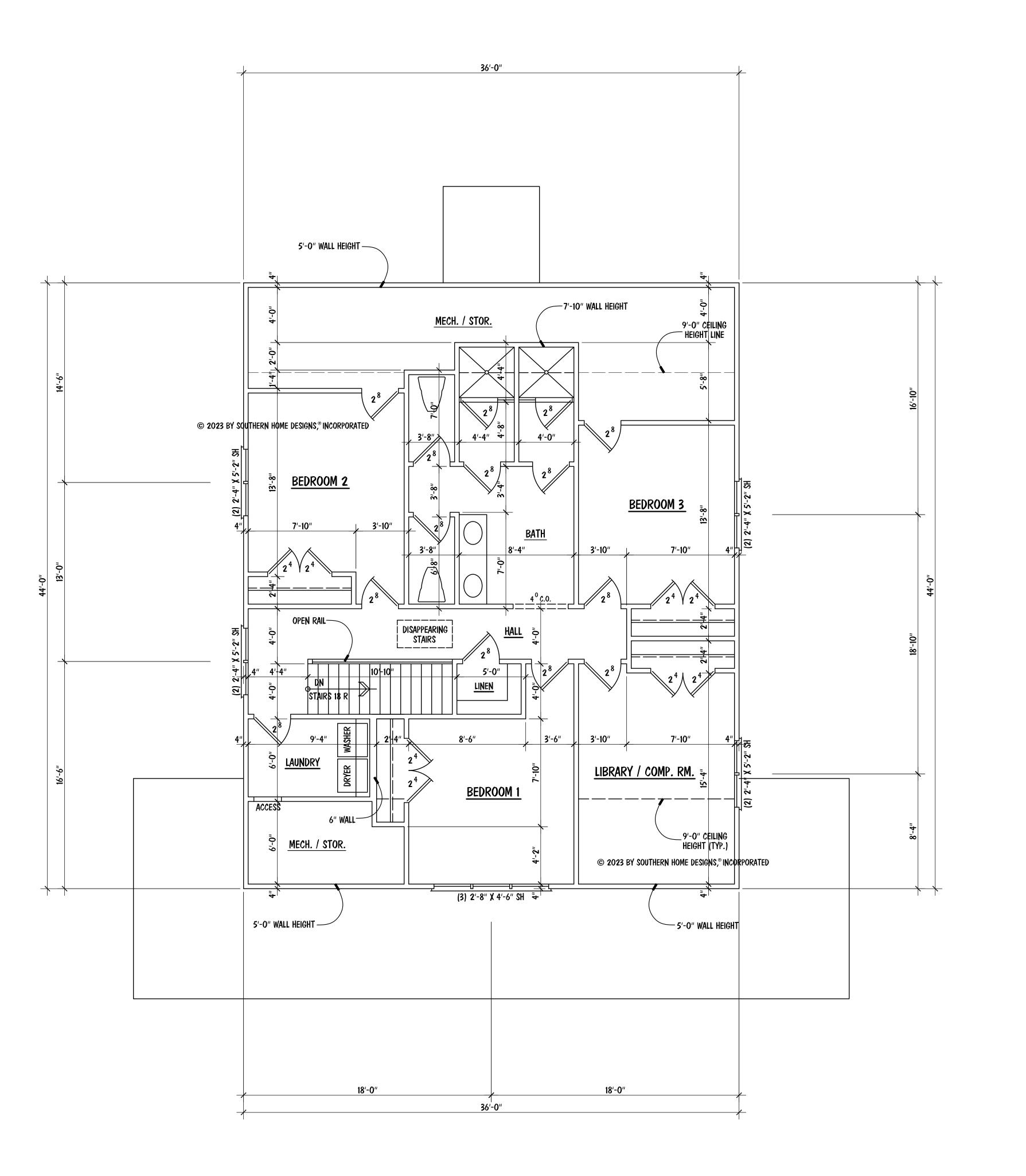
ENGR. #:

Southern

THE ALPHA HOUSE 902 GOLD STREET

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- 9'-0" CEILING HGT. (TYP.) U.N.O.
- SET WINDOWS @ 7'-4" A.F.F. (TYP.) U.N.O
- STAIRS: DN 18 R (TYP.), 2ND FLOOR TO 1ST FLOOR

NOTES:

Southern

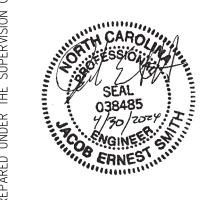


ENGR. #:

DATE: 12-05-23

SCALE: 1/4" = 1'-0" SHEET: A-3 PLAN #: 23-120523

SECOND FLOOR PLAN



ALPHA HOUSE GOLD STREET OF RALEIGH, II THE 902 AND L

DRAWN BY: SOUTHERN HOME DESIGNS

ENGINEERED BY: J. SMITH

SCALE: 1/4" = 1'-0" (UNO)

DATE: **4-30-2024** 

SHEET: 1 OF: 5

STEM WALL SLAB FOUNDATION PLAN

NOTE: SEE SHEET S-D1 FOR DESIGN CRITERIA, STRUCTURAL NOTES AND SPECIFICATIONS, AND FOUNDATION AND FRAMING DETAILS.

<u>LEGEND</u>

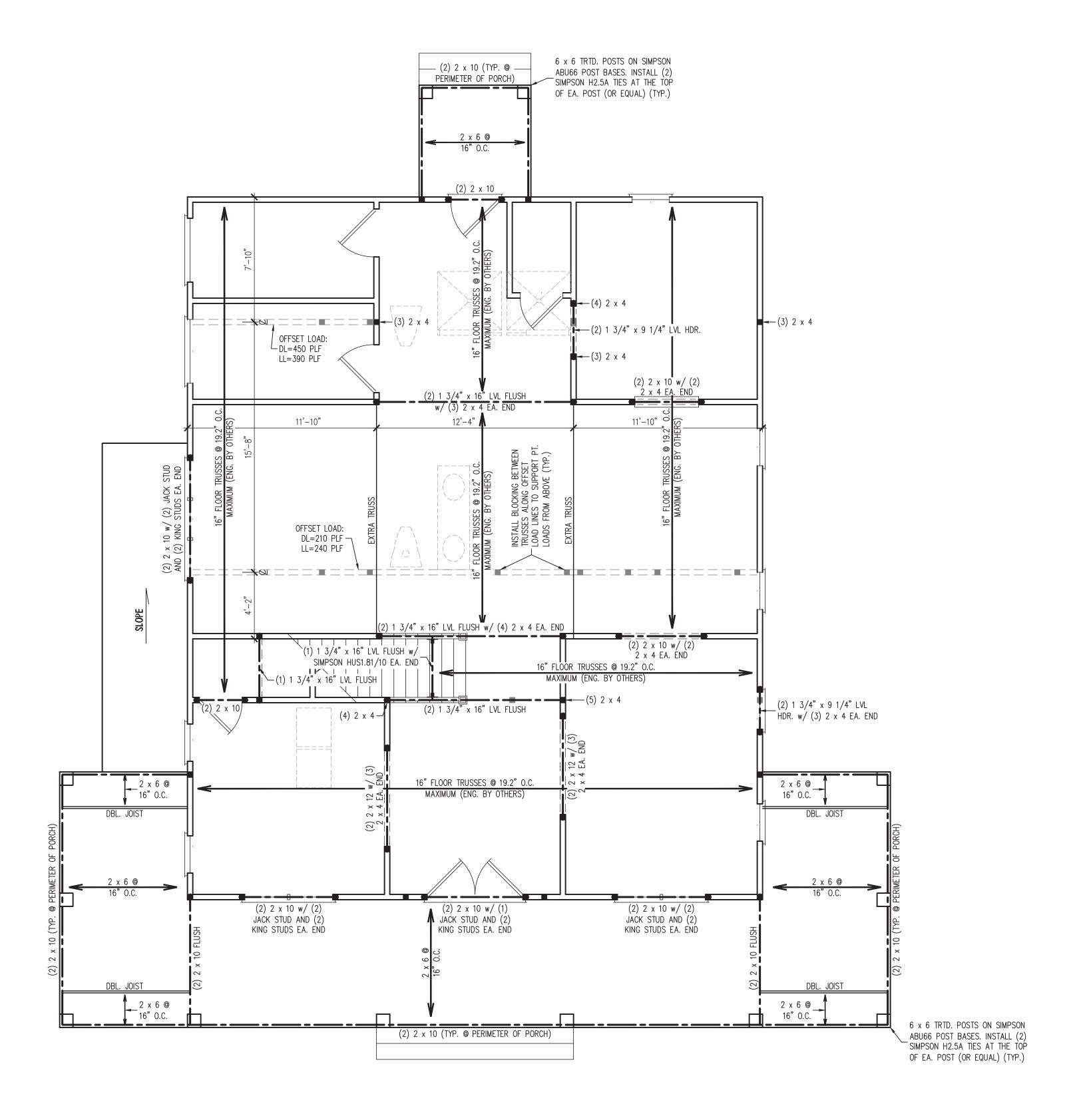
SOLID BLOCKING TO SLAB FOUNDATION.

THIS LINE TYPE INDICATES PLUMBING OR APPLIANCES THE SLAB LEVEL. (FOR REFERENCE

ONLY, SEE ARCHITECTURAL DRAWINGS)

(UNO) UNLESS NOTED OTHERWISE

STUD COLUMN ON FLOOR ABOVE THAT REQUIRE



FIRST FLOOR CEILING FRAMING STRUCTURAL NOTES:

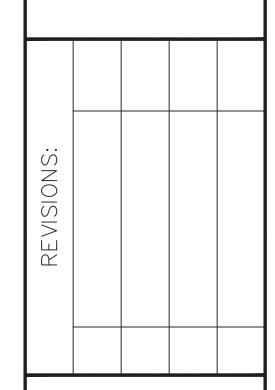
- WOOD FRAMING SHALL CONFORM TO CHAPTER 23 OF THE NCBC, 2018 EDITION. ALL APPLICABLE CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH TABLE 2304.10.1 OF THE 2018 NCBC (UNO)
- 2. ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED
- LUMBER TO BE SYP #2 (UNO.) 3. ALL LOAD BEARING INTERIOR AND EXTERIOR WALLS TO BE
- FRAMED WITH 2 x 4 @ 16" O.C. STUDS (MINIMUM). 4. ALL LOAD BEARING HEADERS TO BE (2) 2 x 10 (UNO). 5. WINDOW AND DOOR HEADERS TO BE SUPPORTED w/(1)
- JACK STUD AND (1) KING STUD EA. END (UNO.) 6. INSTALL AN EXTRA TRUSS UNDER WALLS PARALLEL TO
- FLOOR TRUSSES WHERE NOTED ON THE PLANS. '. INSTALL APA RATED 7/16" OSB SHEATHING ON ALL SHEATHABLE SURFACES OF ALL EXTERIOR WALLS IN ACCORDANCE w/ SECTION 2308.6 OF THE 2018 NCBC. BLOCK ALL SHEATHING JOINTS AND SECURE SHEATHING w/ 8d NAILS SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD. (UNO).
- 8. REFER TO NOTES AND DÉTAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

106





A HOUSE STREET ALEIGH, I ALPHA GOLD OF R/ THE 902 ND L



DRAWN BY: SOUTHERN HOME DESIGNS

ENGINEERED BY: J. SMITH STUD COLUMN AT POINT LOADS THAT REQUIRE

KING STUD (UNO).

NOTED ON THE PLANS. BEAM OR HEADER AS NOTED

AT FLUSH BEAMS AND (UNO): (2) STUDS (UNO)

SUPPORTED BY BEAM, JOIST, OR BLOCKING AS

THIS LINE TYPE INDICATES PLUMBING OR APPLIANCES ON THE FLOOR ABOVE TO HELP ELIMINATE FRAMING CONFLICTS WITH UTILITIES. (FOR

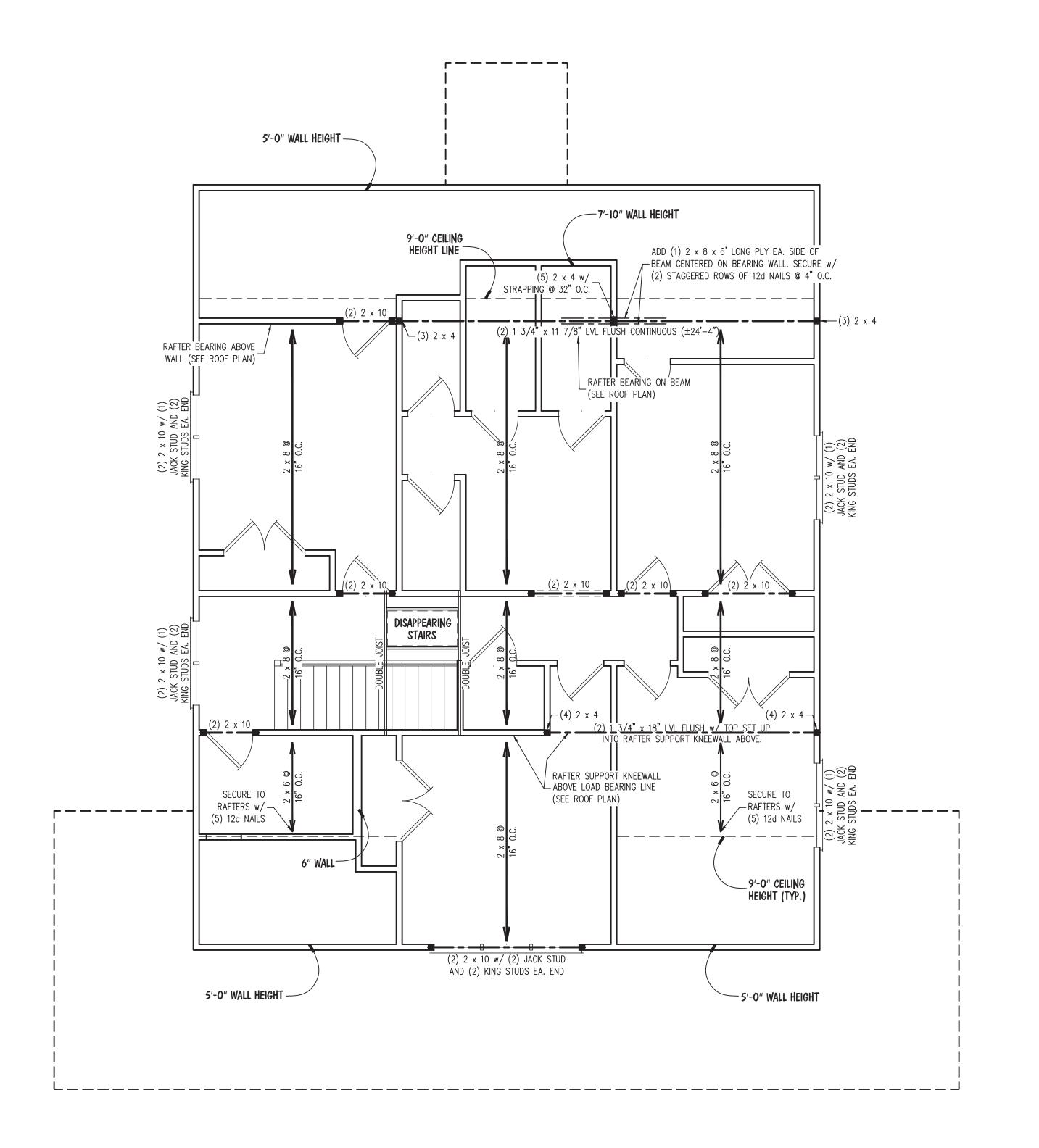
SCALE: 1/4" = 1'-0" (UNO) SOLID BLOCKING TO GIRDER OR FOUNDATION. ■ AT DROPPED HEADERS: (1) JACK STUD AND (1)

DATE: **4-30-2024** OFFSET POINT LOAD FROM FLOOR ABOVE. MUST BE

> **S-2** FIRST FLOOR

SHEET: **2** OF: **5** 

REFERENCE ONLY, SEE ARCHITECTURAL DRAWINGS) CEILING FRAMING (UNO) UNLESS NOTED OTHERWISE **PLAN** 



SECOND FLOOR CEILING FRAMING STRUCTURAL NOTES:

- . WOOD FRAMING SHALL CONFORM TO CHAPTER 23 OF THE NCBC, 2018 EDITION. ALL APPLICABLE CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH TABLE 2304.10.1 OF THE 2018 NCBC (UNO)
- 2018 NCBC (UNO)

  2. ALL FRAMING LUMBER TO BE SPF #2 (UNO). ALL TREATED
- LUMBER TO BE SYP #2 (UNO.)

  3. ALL LOAD BEARING HEADERS TO BE (2) 2 x 10 (UNO).

  4. WINDOW AND DOOR HEADERS TO BE SUPPORTED w/ (1)
- JACK STUD AND (1) KING STUD EA. END (UNO.)

  5. INSTALL 2 x 4 COLLAR TIES @ 48" O.C. MAX. IN ALL ATTIC SPACES.
- 3. INSTALL APA RATED 7/16" OSB SHEATHING ON ALL SHEATHABLE SURFACES OF ALL EXTERIOR WALLS IN ACCORDANCE w/ SECTION 2308.6 OF THE 2018 NCBC. BLOCK ALL SHEATHING JOINTS AND SECURE SHEATHING w/8d NAILS SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD. (UNO).
- 7. REFER TO NOTES AND DÉTAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

PREPARED UNDER

IG, PLLC

IT, UNIT 106 B

2 7 5 0 2

tructural@gmail.com

MBER: P-2212

EM STREET, UN N C 2 0 • jsmithstructure ICATE NUMBER

20 N. SALEM P E X , 19) 864-1430 • C. CERTIFICA



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THE ALPHA HOUSE 902 GOLD STREET L AND L OF RALEIGH, INC.

REVISIONS:

DRAWN BY: SOUTHERN HOME DESIGNS

ENGINEERED BY: J. SMITH

SCALE: 1/4" = 1'-0" (UNO)

DATE: **4-30-2024** 

SHEET: 3 OF: 5

S-3
SECOND FLOOR
CEILING FRAMING

**PLAN** 

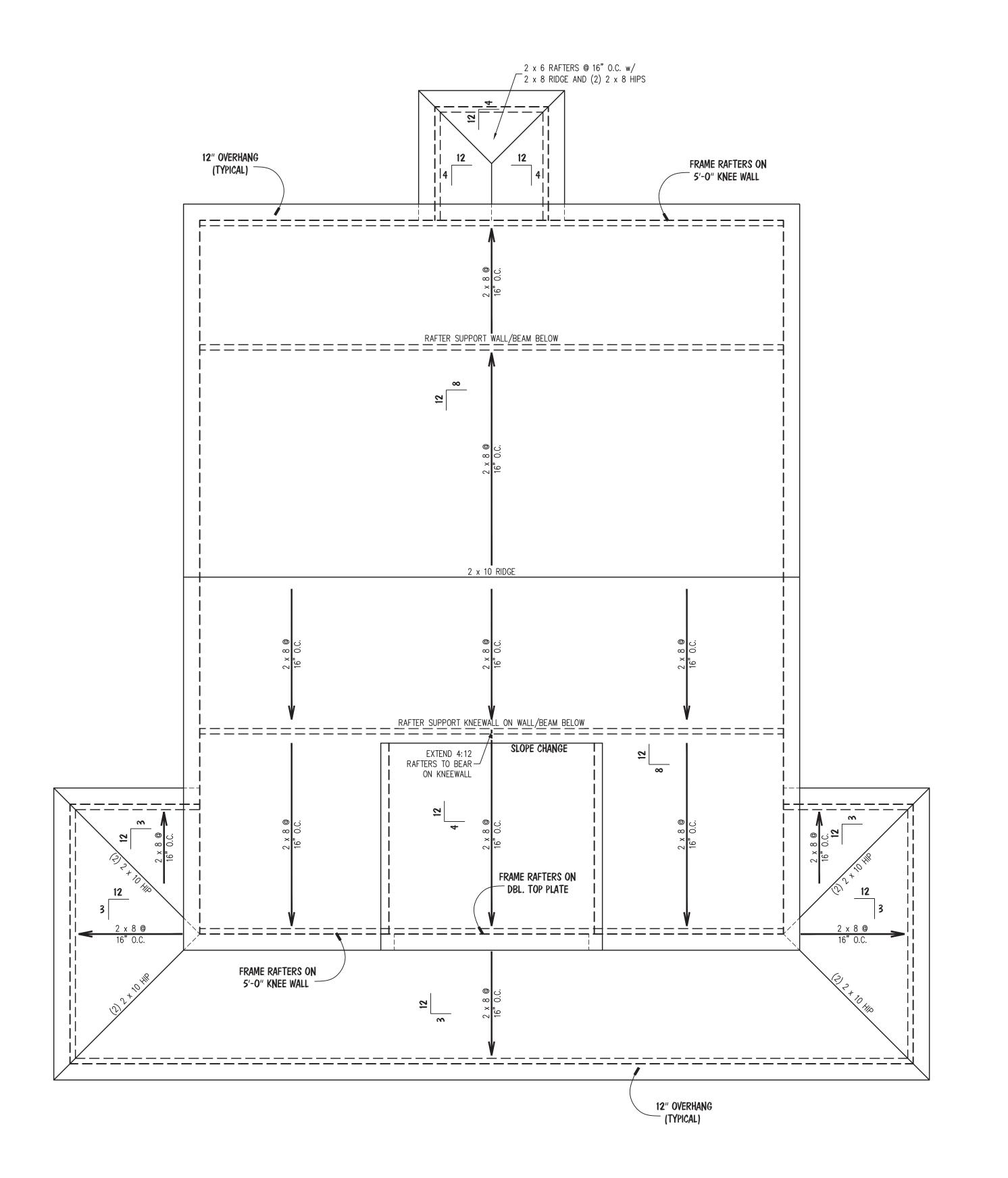
STUD COLUMN AT POINT LOADS THAT REQUIRE SOLID BLOCKING TO GIRDER OR FOUNDATION.

AT DROPPED HEADERS: (1) JACK STUD AND (1) KING STUD (UNO).

AT FLUSH BEAMS AND (UNO): (2) STUDS (UNO)

BEAM OR HEADER AS NOTED

(UNO) UNLESS NOTED OTHERWISE



## NOTES:

# • MEAN ROOF HEIGHT FOR THIS STRUCTURE IS 23'-4" ATTIC VENTILATION:

 $\frac{2177}{300} \quad \text{SQUARE FEET} = \frac{7.26}{} \quad \text{REQUIRED}$ 

THE NET FREE AREA OF VENTILATION REQUIRED IS TO BE

7.26 SQUARE FEET.

### ROOF FRAMING STRUCTURAL NOTES:

VALLEYS.

- . WOOD FRAMING SHALL CONFORM TO CHAPTER 23 OF THE NCBC, 2018 EDITION. ALL APPLICABLE CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH TABLE 2304.10.1 OF THE 2018 NCBC (UNO)
- 2. ALL FRAMING LUMBER TO BE #2 SPF (UNO).
- 3. SHEATH ROOF w/ 7/16" OSB SHEATHING SECURED w/ 8d NAILS @ 6" O.C. ALONG EDGES AND 12" O.C. IN THE FIELD.
  4. STICK FRAME OVER-FRAMED ROOF SECTIONS W/ 2 x 8 RIDGES, 2 x 6 RAFTERS @ 16" O.C. AND FLAT 2 x 10
- 5. HIP SPLICES ARE TO BE SPACED 8'-0" O.C. MINIMUM. FASTEN MEMBERS WITH (3) ROWS OF 12d NAILS @ 16" O.C.
- 6. FASTEN FLAT VALLEYS TO RAFTERS WITH SIMPSON H2.5A HURRICANE TIES @ 32" O.C. MAX. PASS HURRICANE TIES THROUGH NOTCH IN ROOF SHEATHING IF REQUIRED. SECURE RAFTERS TO FLAT VALLEYS WITH A MIN. OF (6) 12d TOE NAILS
- 7. INSTALL (1) SIMPSON H2.5A HURRICANE TIE (OR EQUAL) @ EA. RAFTER BEARING.
- 8. REFER TO NOTES AND DETAIL SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.



VIT 106 B 7 5 0 2 11@gmail.com : P-2212

EERING, PLL
EM STREET, UNIT 106
N C 2 7 5 0
0 • jsmithstructural@gmail.c

O N. SALEM S
P E X , N
9) 864-1430 • js





THE ALPHA HOUSE 902 GOLD STREET AND L OF RALEIGH, INC.



DRAWN BY: SOUTHERN HOME DESIGNS

ENGINEERED BY: J. SMITH

SCALE: 1/4" = 1'-0" (UNO)

DATE: **4-30-2024** 

SHEET: **4** OF: **5** 

S-4
ROOF FRAMING
PLAN

## GENERAL NOTES

- ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OR ARCHITECTURAL LAYOUT INCLUDING ROOF SYSTEM. ENGINEER'S SEAL DOES NOT APPLY TO I-JOIST OR FLOOR/ROOF TRUSS LAYOUT DESIGN AND ACCURACY.
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE NORTH CAROLINA BUILDING CODE (NCBC), 2018 EDITION AND ALL LOCAL CODES AND REGULATIONS. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR, AND WILL NOT HAVE CONTROL OF, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR
- 3. STRUCTURAL DESIGN BASED ON THE PROVISIONS OF THE NCBC, 2018 EDITION, AND CURRENT EDITION OF 'ASCE—7'.

SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONSTRUCTION WORK.

DESIGN CRITERIA:	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION (I
PRIVATE RESIDENTIAL ROOMS	40	10	L/360
PUBLIC ROOMS AND CORRIDORS	100	10	L/360
ATTIC w/ LIMITED STORAGE	20	10	L/360
EXTERIOR BALCONIES AND DECKS	40	10	L/360
STAIRS AND EXITS	100	10	L/360
HANDRAILS/GUARDRAILS	50 (PLF)	10	L/360
ROOF	20 `	20 (BOTTOM CHORD)	L/240
GROUND SNOW LOAD: Pg	20 (PSF)		
ULTIMATE WIND SPEED	120 MPH	WIND EXPOSURE:	В
SEISMIC DESIGN CATEGORY	В	SEISMIC DESIGN CLASS:	D

4. FRAMING AND FOUNDATION ANCHORAGE IS TO COMPLY WITH SECTION 2308 OF THE NCBC, 2018 EDITION.

## FOUNDATION NOTES

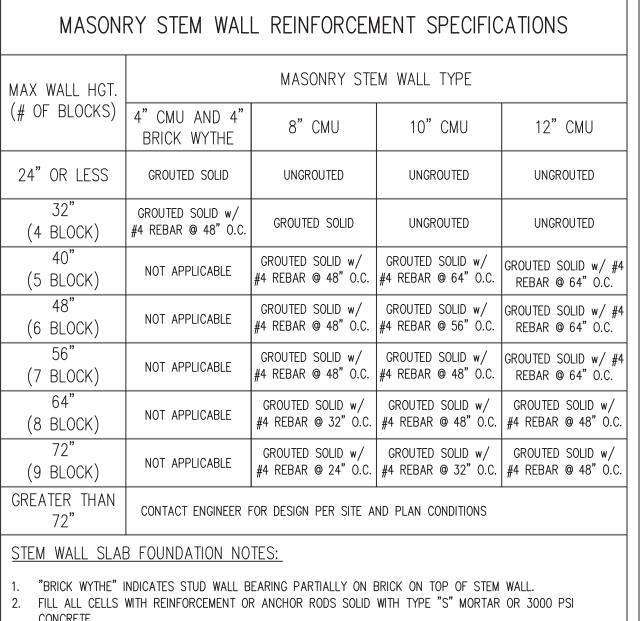
- FOUNDATION DESIGN BASED ON A MINIMUM ALLOWABLE BEARING CAPACITY OF 2000 PSF. CONTACT ENGINEER OF RECORD IF BEARING CAPACITY IS NOT ACHIEVED.
- . FOR ALL CONCRETE SLABS AND FOOTINGS, THE AREA WITHIN THE PERIMETER OF THE BUILDING ENVELOPE SHALL HAVE ALL VEGETATION, TOP SOIL AND FOREIGN MATERIAL REMOVED. FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL. THE FILL SHALL BE COMPACTED TO ASSURE UNIFORM SUPPORT OF THE SLAB, AND EXCEPT WHERE APPROVED, THE FILL DEPTHS SHALL NOT EXCEED 24" FOR CLEAN SAND OR GRAVEL. A 4" THICK BASED COURSE CONSISTING OF CLEAN GRADED SAND OR GRAVEL SHALL BE PLACED. A BASE COURSE IS NOT REQUIRED WHERE A CONCRETE SLAB IS INSTALLED ON WELL-DRAINED OR SAND-GRAVEL MIXTURE SOILS CLASSIFIED AS GW, GP, SW, SP, GM OR SM ACCORDING THE UNITED SOIL CLASSIFICATION SYSTEM.
- PROPERLY DEWATER EXCAVATION PRIOR TO POURING CONCRETE WHEN BOTTOM OF CONCRETE SLAB IS AT OR BELOW WATER TABLE. IF APPLICABLE, 3/4" - 1" DEEP CONTROL JOINTS ARE TO BE SAWED WITHIN 4 TO 12 HOURS OF CONCRETE FINISHING AND WALL LOCATIONS HAVE BEEN MARKED. ADJUST WHERE NECESSARY.
- I. FOUNDATION WALLS AND RETAINING WALLS CONSTRUCTED PER PRESCRIPTIVE METHODS SHALL BE CONSTRUCTED PER SECTION 1807 OF THE NCBC, 2018 EDITION.
- SEE ARCHITECTURAL DRAWINGS FOR APPROXIMATE LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL PROTECT ALL EXISTING FOUNDATIONS AND UTILITIES AS REQUIRED RESULTING FROM EXCAVATION OR BACKFILLING DURING THE CONSTRUCTION PERIOD.

## CONCRETE AND MASONRY NOTES

- THE LATEST EDITION OF THE FOLLOWING CODES GOVERN THE DESIGN, DETAILING, FABRICATION AND CONSTRUCTION OF ALL REINFORCED CONCRETE.
- BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE. A. ACI-318
- DETAILING REQUIREMENTS FOR CONCRETE REINFORCEMENT. ACI-315 "MANUAL OF STANDARD PRACTICE" C. CRSI
- 2. IN ADDITION TO ABOVE, ALL CONCRETE SHALL CONFORM TO CHAPTER 19 OF THE NCBC, 2018 EDITION.
- 3. PROPORTION NORMAL-WEIGHT CONCRETE MIXTURE AS FOLLOWS:
- MINIMUM 28-DAY COMPRESSIVE STRENGTH AS FOLLOWS:
- FOOTINGS AND FOUNDATIONS: INTERIOR SLABS ON GRADE: 3000 PSI
- EXTERIOR SLABS ON GRADE: 4000 PSI
- MAXIMUM WATER-CEMENT RATIO:
- MAXIMUM SLUMP: 4", PLUS OR MINUS 1"
- D. AIR ENTRAINMENT: ALL CONCRETE EXPOSED TO WEATHER SHALL HAVE AIR ENTRAINED AIR CONTENT OF 5% PLUS OR MINUS 1%.
- . REINFORCEMENT SHALL BE DEFORMED STEEL BARS CONFORMING TO ASTM A615 GRADE 60. WELDED WIRE FABRIC SHALL BE ASTM A185. ALL REINFORCEMENT SPLICES TO BE CLASS B WITH REQUIRED INCREASES FOR BAR SPACING, COVER AND TOP BAR EFFECT PER LATEST EDITION OF ACI-318. MAINTAIN A MINIMUM CONCRETE COVER AROUND REINFORCING STEEL OF 3" IN FOOTINGS AND 1 1/2" IN SLABS. FOR POURED CONCRETE WALLS, CONCRETE COVER FOR REINFORCING STEEL MEASURED FROM THE INSIDE FACE OF THE WALL SHALL NOT BE LESS THAN 3/4". CONCRETE COVER FOR REINFORCING STEEL MEASURED FROM THE OUTSIDE FACE OF THE WALL SHALL NOT BE LESS THAN 1 1/2" FOR #5 BARS OR SMALLER, AND NOT LESS THAN 2" FOR #6 BARS OR LARGER.
- . ALL MASONRY CONSTRUCTION SHALL CONFORM TO CHAPTER 21 OF THE NCBC, 2018 EDITION, AND THE CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI-A530/ASCE-5/TMS-402). MASONRY BLOCKS SHALL HAVE A MINIMUM NET AREA COMPRESSION STRENGTH OF 1500 PSI.
- 6. MORTAR SHALL BE PORTLAND CEMENT LIME TYPE S .
- . ALL GROUT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI, AND SHALL BE PROPORTIONED BY VOLUME ACCORDING TO ASTM C-476.
- 8. GROUTING OF MASONRY WALLS SHALL CONFORM TO RECOMMENDED PROCEDURE FOR "LOW LIFT GROUTING" OR "HIGH LIFT GROUTING" AS OUTLINED IN THE NCMA 'TEK NOTE #23A GROUTING FOR CONCRETE MASONRY WALLS.

## FRAMING NOTES

- . ALL WOOD FRAMING TO CONFORM TO CHAPTER 23 OF THE NCBC, 2018 EDITION. ALL APPLICABLE CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH TABLE 2304.10.1 OF THE 2018 NCBC (UNO)
- 2. ALL FRAMING LUMBER SHALL BE #2 SPF MINIMUM (UNO). ALL TREATED LUMBER SHALL BE #2 SYP MINIMUM (UNO).
- 3. LAMINATED VENEER LUMBER (LVL) MINIMUM PROPERTIES: Fb = 2600 PSI, Fv = 285 PSI, E = 1,900,000 PSI. LAMINATED STRAND LUMBER (LSL) MINIMUM PROPERTIES: Fb = 2325 PSI, Fv = 310 PSI, E = 1,550,000 PSI. INSTALL ALL CONNECTIONS PER MANUFACTURER'S SPECIFICATIONS.
- 4. ALL LOAD BEARING HEADERS TO CONFORM TO TABLE 2308.4.1.1(1) AND 2308.4.1.1(2) OF THE NCBC, 2018 EDITION. ALL HEADERS SHALL BE SUPPORTED WITH (1) JACK STUD AND (1) KING STUD EACH END (UNO). SECURE THE FIRST KING STUD EACH SIDE OF THE HEADER TO THE HEADER WITH (4) 16d END-NAILS.
- 5. ALL BEAMS OR GIRDER TRUSSES THAT FRAME PARALLEL (IN LINE WITH) WITH A SUPPORT WALL SHALL BEAR ON A MINIMUM OF (2) STUDS (UNO). ALL BEAMS OR GIRDER TRUSSES THAT FRAME INTO OR ONTO A PERPENDICULAR WALL SHALL BE SUPPORTED BY A MINIMUM OF (2) STUDS AND HAVE 2" MINIMUM BEARING. IF A BEAM OR GIRDER TRUSS IS NOTED TO BE SUPPORTED BY (3) OR MORE STUDS, THE BEAM MUST BEAR FULLY ON THE SUPPORT COLUMN FOR THE FULL WALL DEPTH (UNO). BEAM ENDS THAT BUTT INTO ONE ANOTHER SHALL EACH BEAR EQUAL LENGTHS (UNO).
- S. ALL I—JOIST OR TRUSS LAYOUTS ARE TO BE IN COMPLIANCE WITH THE OVERALL DESIGN SPECIFIED ON THE PLANS. ALL DEVIATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER OF RECORD PRIOR TO INSTALLATION.
- BRACED WALL PANELS SHALL BE CONSTRUCTED ACCORDING TO SECTION 2308.6 OF THE NCBC, 2018 EDITION BY CONTINUOUSLY SHEATHING WALLS WITH STRUCTURAL SHEATHING. THE AMOUNT, LENGTH, AND LOCATION OF BRACING SHALL COMPLY WITH ALL APPLICABLE TABLES IN THAT SECTION. NOTE THAT ANY SPECIFIC BRACED WALL DETAIL SHALL BE INSTALLED AS SPECIFIED.



WHERE VERTICAL WALL REINFORCEMENT IS REQUIRED IN THE TABLE ABOVE, THE TOP OF THE MASONRY

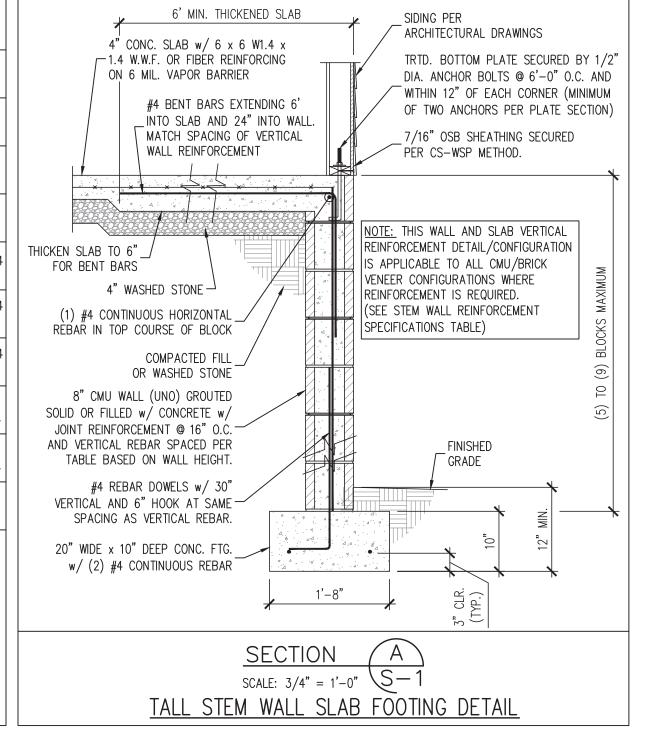
HORIZONTAL JOINT REINFORCEMENT SHALL BE IN INSTALLED @ 16" O.C. VERTICALLY (EVERY OTHER

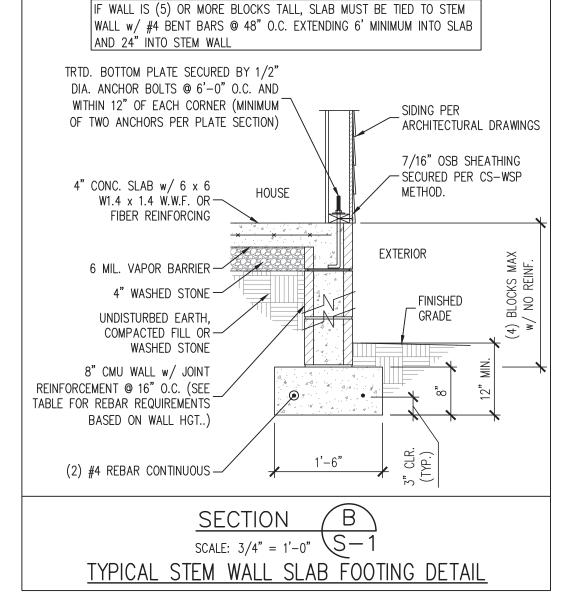
BLOCK COURSE). WHERE MULTIPLE WYTHE WALLS ARE CONSTRUCTED, JOINT REINFORCEMENT MUST TIE

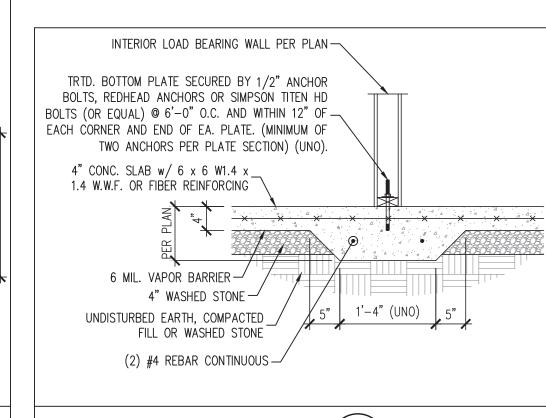
STEM WALL MUST BE TIED TO THE SLAB WITH BENT "L" BARS PER DETAIL A.

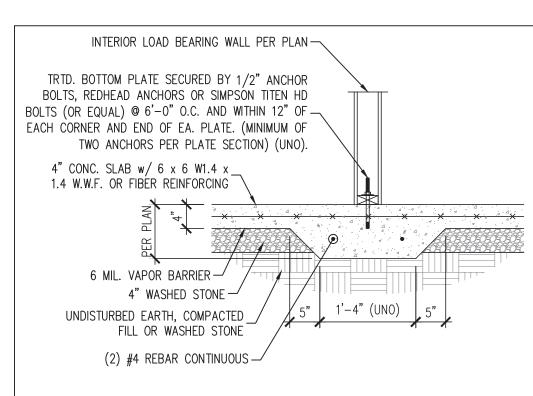
REBAR LAP SPLICES SHALL BE 24" FOR #4 REBAR AND 32" FOR #5 REBAR.

WYTHES TOGETHER.



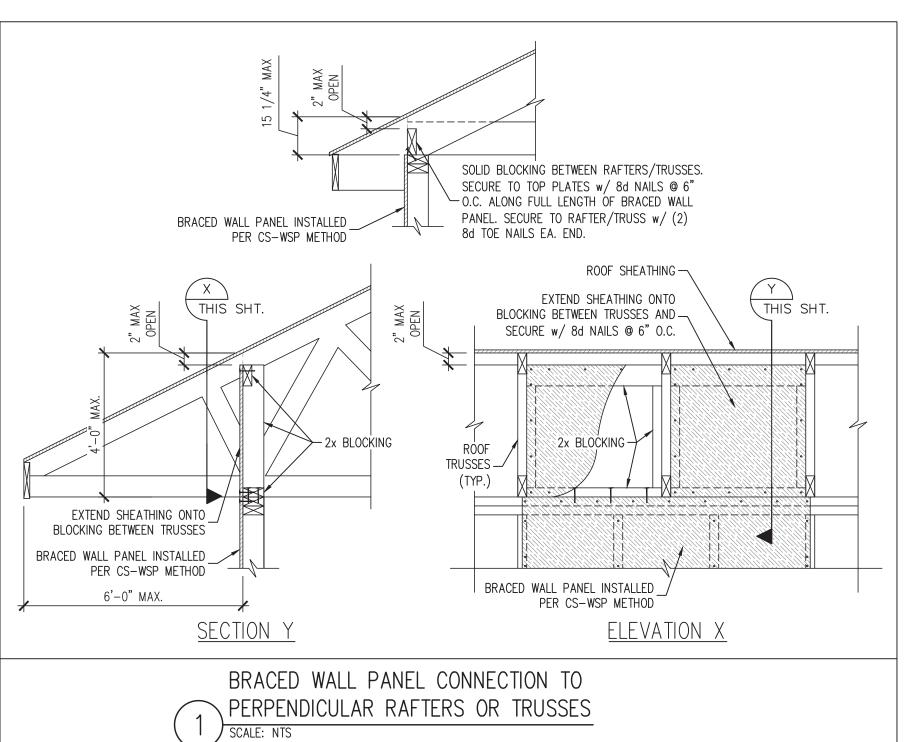


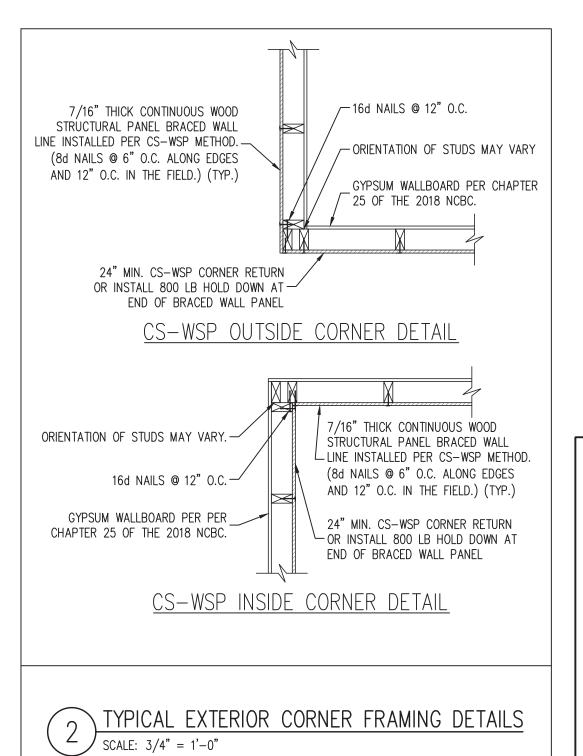




SCALE:  $3/4" = 1'-0" \sqrt{S-1}$ 

TYPICAL THICKENED SLAB





GENERAL WALL BRACING NOTES:

- WALL BRACING DESIGNED IN ACCORDANCE WITH SECTION 2308.6 OF THE 2018 NORTH CAROLINA BUILDING CODE (NCBC). REFER TO THE 2018 NCBC FOR ADDITIONAL
- INFORMATION AS NEEDED. SEE STRUCTURAL SHEETS FOR ANY SPECIAL BRACED WALL REQUIREMENTS INCLUDING THE LOCATION OF ANY STRAPS, HOLD DOWN(S), BLOCKING, AND SPECIAL FASTENER
- REQUIREMENTS DETERMINED BY ENGINEERED DESIGN (WHERE REQUIRED). ALL EXTERIOR WALLS SHALL BE SHEATHED PER THE CS-WSP METHOD: APA RATED 7/16" OSB SHEATHING SHALL BE INSTALLED ON ALL SHEATHABLE SURFACES OF ALL EXTERIOR WALLS ATTACHED w/ 6d COMMON NAILS OR 8d (2 1/2" LONG x 0.113" DIAMETER) NAILS SPACED 6" O.C. ALONG PANEL EDGES AND 12" O.C. IN THE FIELD (UNO).
- THE INTERIOR SIDE OF ALL EXTERIOR WALLS AND BOTH SIDES OF INTERIOR WALLS SHALL BE SHEATHED WITH 1/2" (MIN.) GYPSUM WALL BOARD. INSTALL 5/8" GYPSUM WALL BOARD WHERE REQUIRED FOR FIRE RATED WALLS (PER ARCH. DWGS.) SECURE 1/2" GB WITH 5d COOLER NAILS OR 1 1/4" #6 SCREWS @ 7" O.C. ALONG EDGES AND INTERMEDIATE SUPPORTS. SECURE 5/8" GB WITH 5d COOLER NAILS OR 1 5/8" #6 SCREWS @ 7" O.C. ALONG EDGES AND INTERMEDIATE SUPPORTS.



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HOUSE TREET LEIGH, ALP GOL PF THE 902 ND 1

DRAWN BY: SOUTHERN HOME DESIGNS

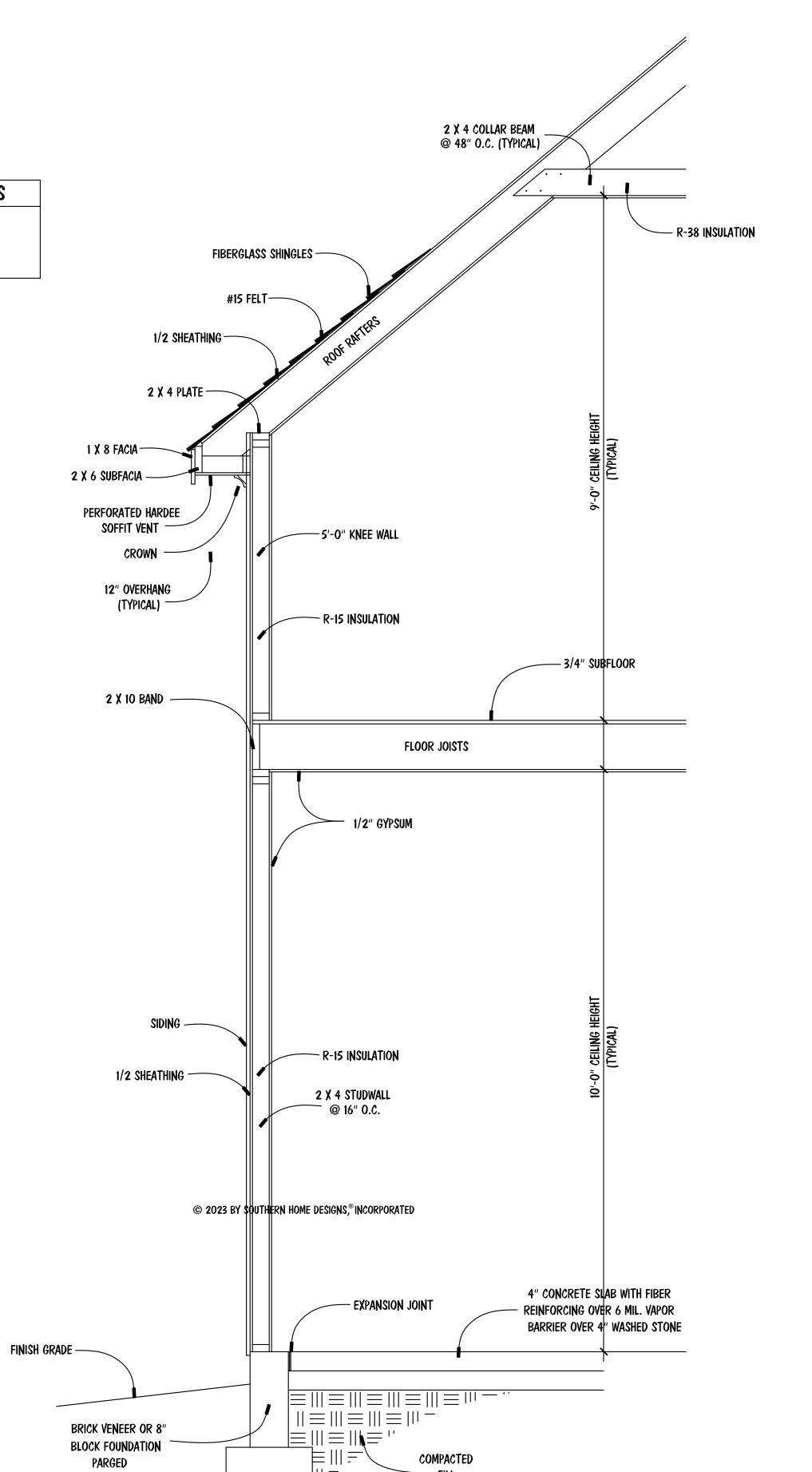
Engineered by: **J. Smith** 

DATE: **4-30-2024** 

SHEET: 5 OF: 5

SCALE: 1/4" = 1'-0" (UNO)

S-D1 STRUCTURAL NOTES AND DETAILS



3/4" = 1'-0"

INSULATION VALUES **FLOORS** R-19 CEILINGS R-38

NOTES: - MINIMUM CLEAR WIDTH FOR STAIRWELL 3'-0" - MINIMUM GUARDRAIL HEIGHT AT BALCONIES 3'-0" 1" MAX. NOSING PROJECTION

N.T.S.

STAIR DETAIL

TYPICAL SECTION

CONTINUOUS CONCRETE FOOTING

STR. DETAIL PLAN

ENGR. #: DATE: 12-05-23

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SHEET: A-4

PLAN #: 23-120523