

ONSLOW COUNTY
BUILDING INSPECTOR'S OFFICE

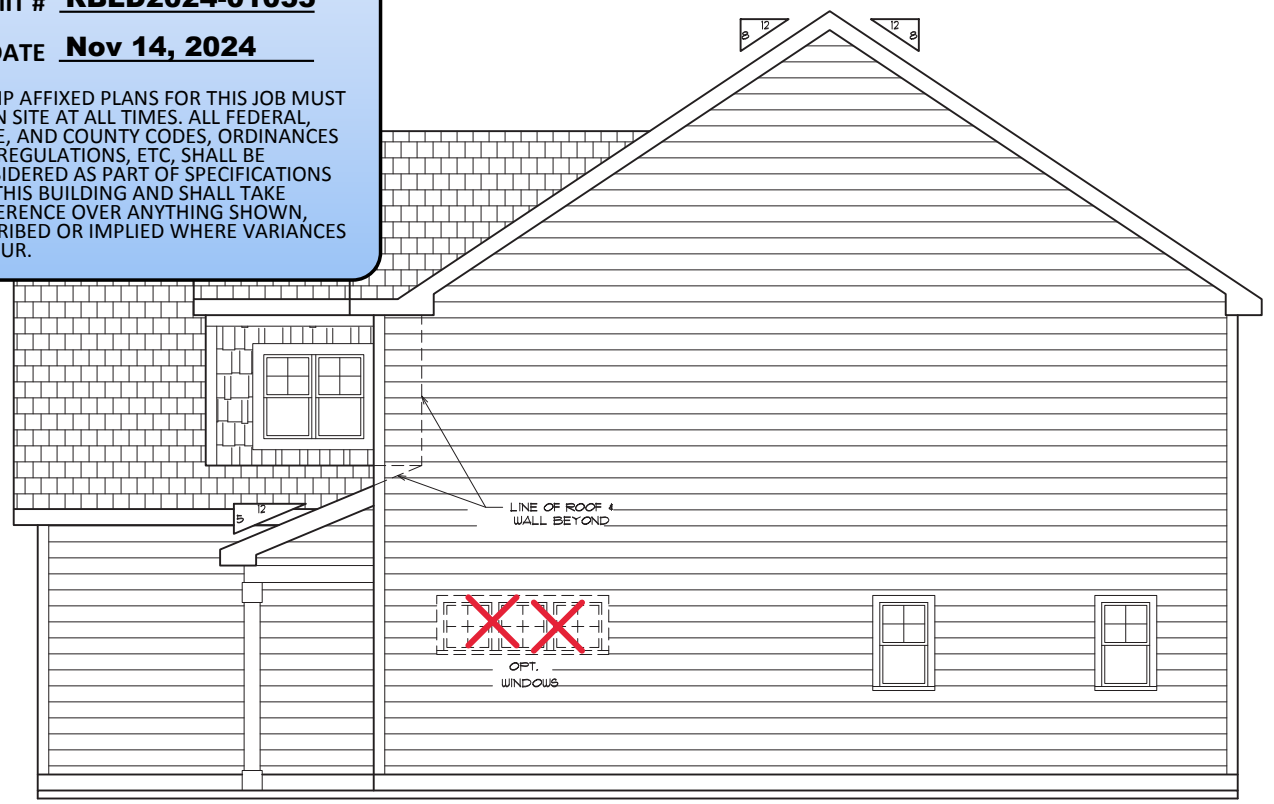
PERMIT # **RBLD2024-01033**

DATE **Nov 14, 2024**

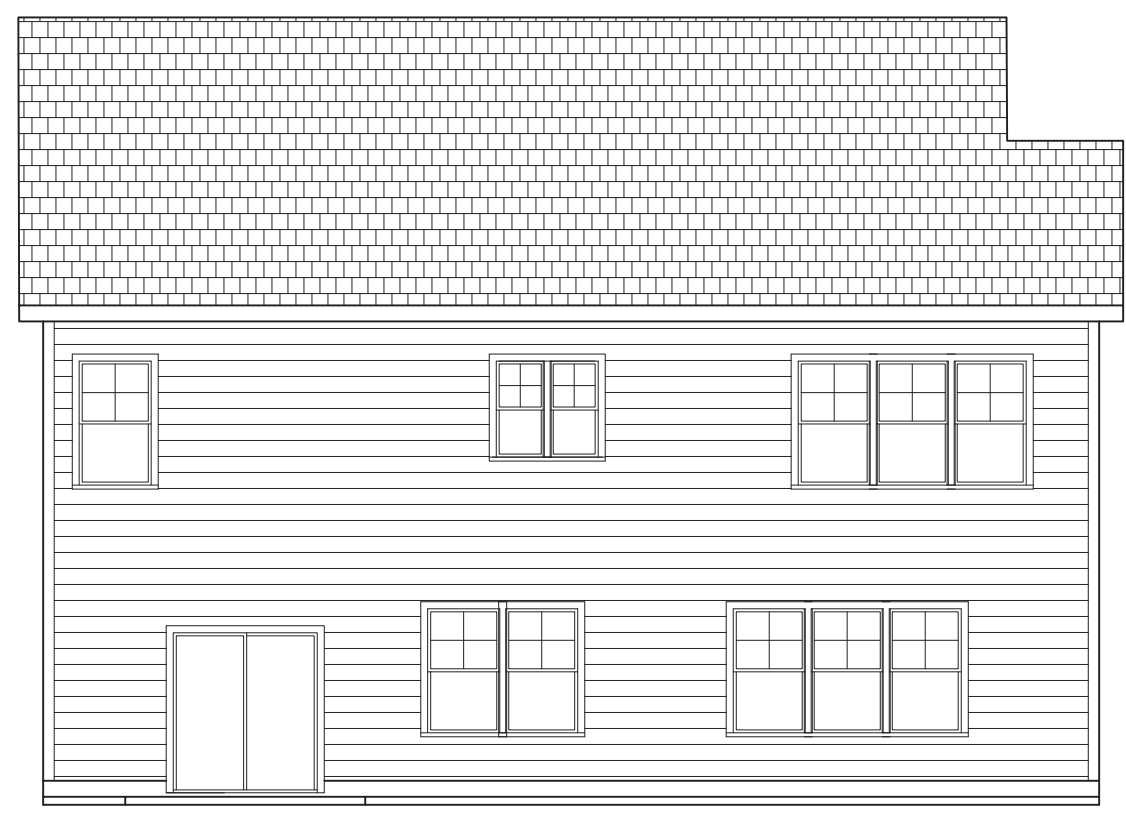
STAMP AFFIXED PLANS FOR THIS JOB MUST BE ON SITE AT ALL TIMES. ALL FEDERAL, STATE, AND COUNTY CODES, ORDINANCES AND REGULATIONS, ETC, SHALL BE CONSIDERED AS PART OF SPECIFICATIONS FOR THIS BUILDING AND SHALL TAKE PREFERENCE OVER ANYTHING SHOWN, DESCRIBED OR IMPLIED WHERE VARIANCES OCCUR.



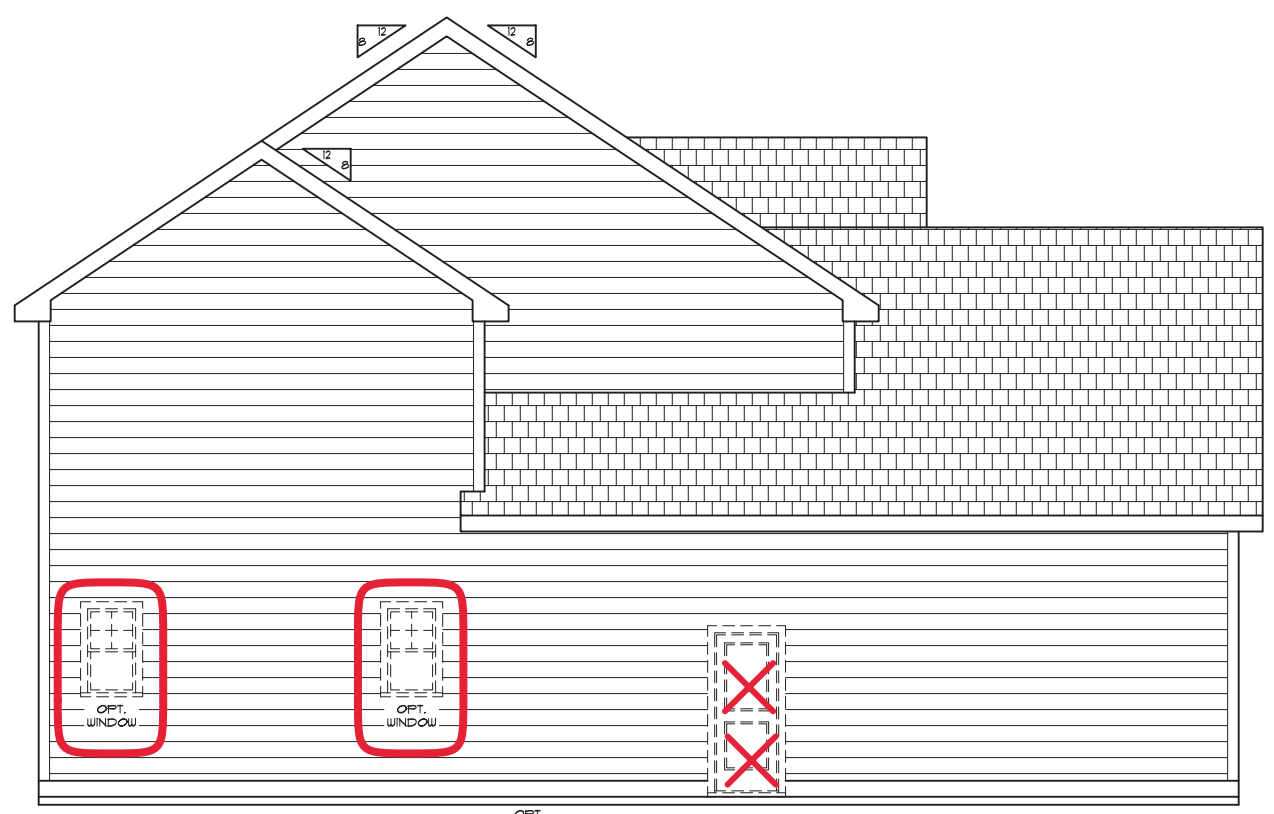
FRONT ELEVATION - "B"
1/8" = 1'-0"



RIGHT ELEVATION - "B"
1/8" = 1'-0"



REAR ELEVATION - "B"
1/8" = 1'-0"



LEFT ELEVATION - "B"
1/8" = 1'-0"

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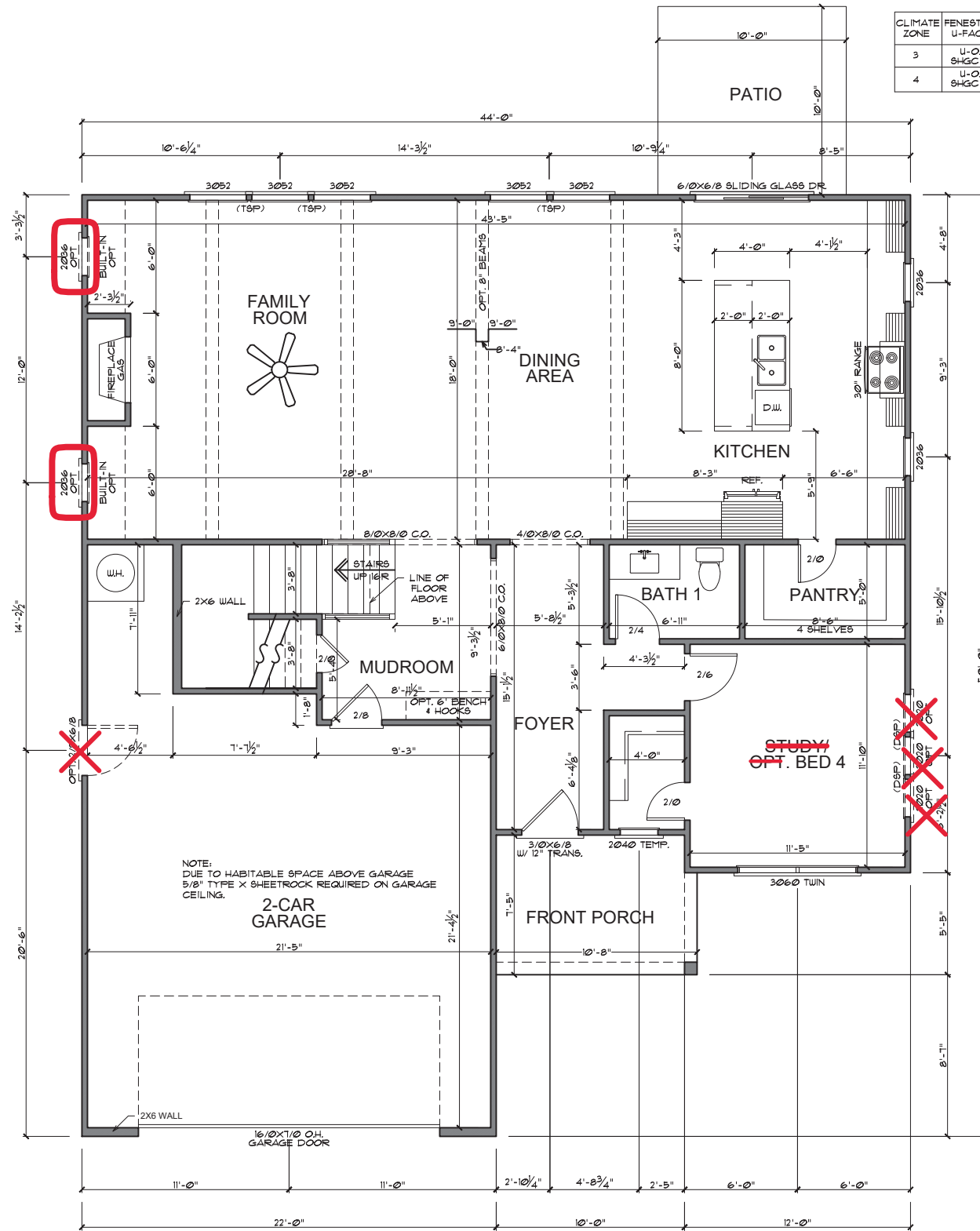
Drawn by: KM
Date: 10/04/2024
Revision:

70 WEST
 MCKENZIE PLAN
 GARAGE LEFT



ELEVATIONS

Sheet: **A2**
11X17



CLIMATE ZONE	FENESTRATION U-FACTOR	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE	FLOOR R-VALUE	BASEMENT WALL R-VALUE	SLAB R-VALUE & DEPTH	CRAWL SPACE WALL R-VALUE
3	U-0.35/ SHGC-0.30	38 or 30ci	15 or 15" 2.5h	5/13 or 5/10ci	19	5/13f	0	5/13
4	U-0.35/ SHGC-0.30	38 or 30ci	15 or 15" 2.5h	5/13 or 5/10ci	19	10/12	10	10/12

PLANS ARE DESIGNED TO MEET THE REQUIREMENTS OF THE NORTH CAROLINA RESIDENTIAL CODE, 2018 EDITION

GENERAL NOTES

WALLS:
ALL WALLS ARE DRAWN 4" THICK UNO. ANGLED WALL ARE DRAWN 4.5" UNO.

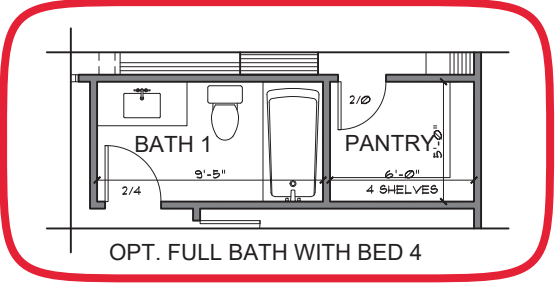
SMOKE DETECTORS:
LOCATION AND NUMBER OF DETECTORS SHALL CONFORM TO NEC.

EGRESS:
ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH CONFORMS TO R-310 OF THE N.C. BLDG. CODE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY CHOSEN WINDOWS MEET EGRESS REQUIREMENTS AS MANUFACTURERS VARY.

ATTIC ACCESS:
MIN. ATTIC ACCESS SHALL BE PROVIDED BY BUILDER AND LOCATED ON SITE.

WALL/CEILING HGT.
WALL AND CEILING HEIGHT NOTES ARE BASED ON NOMINAL WALL SIZE. KNEE WALL HEIGHT LABELS FOR WALLS UNDER RAFTERS ASSUME AN EXTRA 2" FOR FURRING (IN HEATED SPACES) FOR INSULATION. THE WALL HEIGHT REFERS TO THE HGT. FROM THE FLOOR DECKING TO THE BOTTOM OF THE FURRING.

SQUARE FOOTAGE	
FIRST FLOOR	1335 SQ. FT.
SECOND FLOOR	1600 SQ. FT.
TOTAL	2943 SQ. FT.
GARAGE	538 SQ. FT.
FRONT PORCH	78 SQ. FT.
OPT. REAR PORCH	150 SQ. FT.



FIRST FLOOR PLAN
1/8" = 1'-0"

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P.O. Box 447 Holly Springs, NC 27540 • 919-283-4047 • plans@thedesigndesigner.com

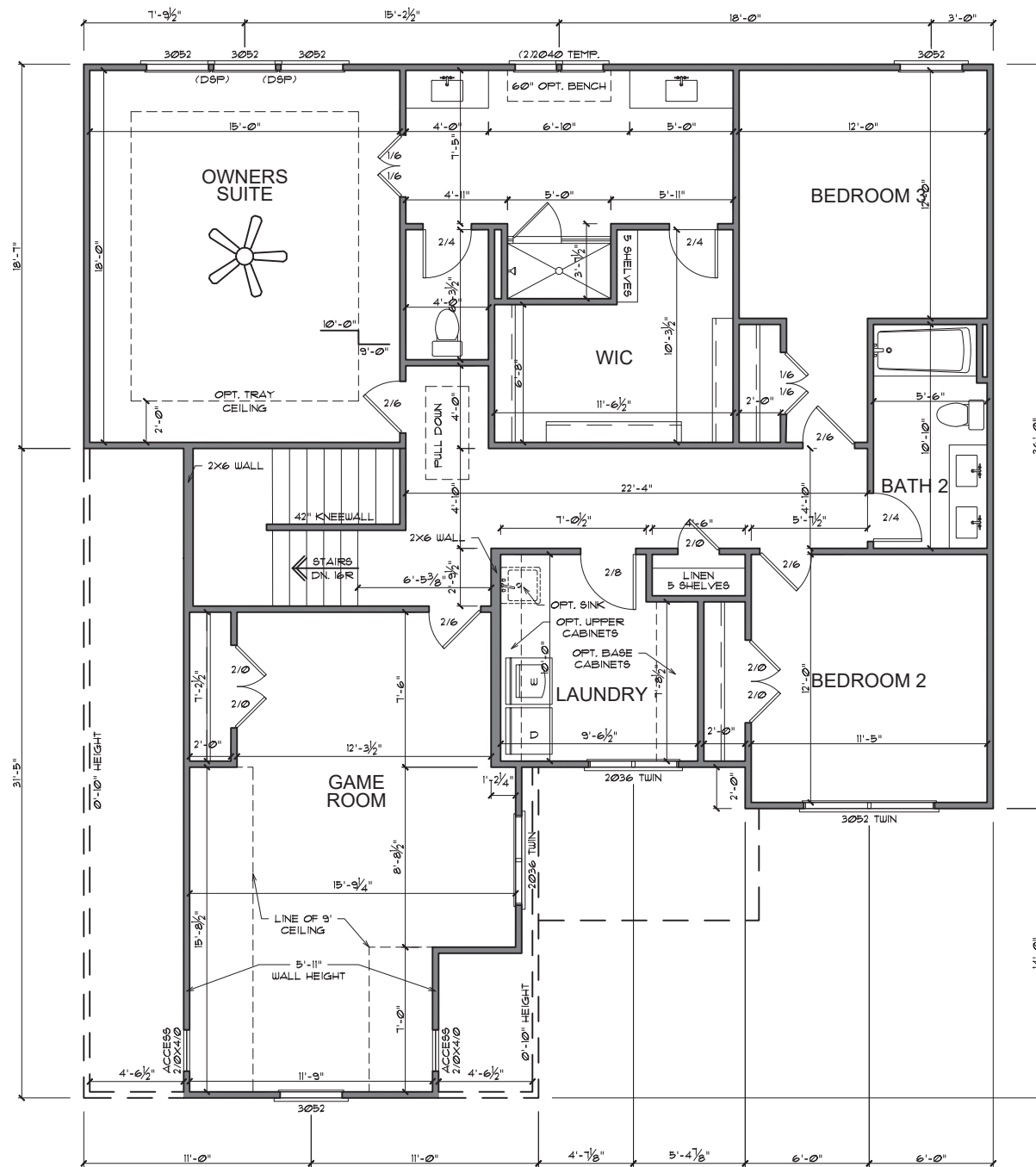
Drawn by: KM
Date: 10/04/2024
Revision:

70 WEST
MCKENZIE PLAN
GARAGE LEFT



ELEVATIONS

Sheet: **A3**
11X17



SECOND FLOOR PLAN
1/8" = 1'-0"

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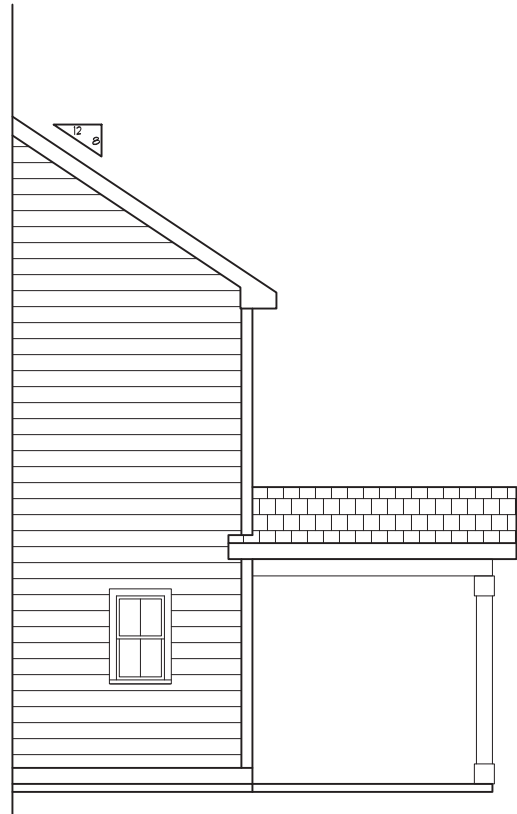
Drawn by: KM
Date: 10/04/2024
Revision:

70 WEST
MCKENZIE PLAN
GARAGE LEFT



ELEVATIONS

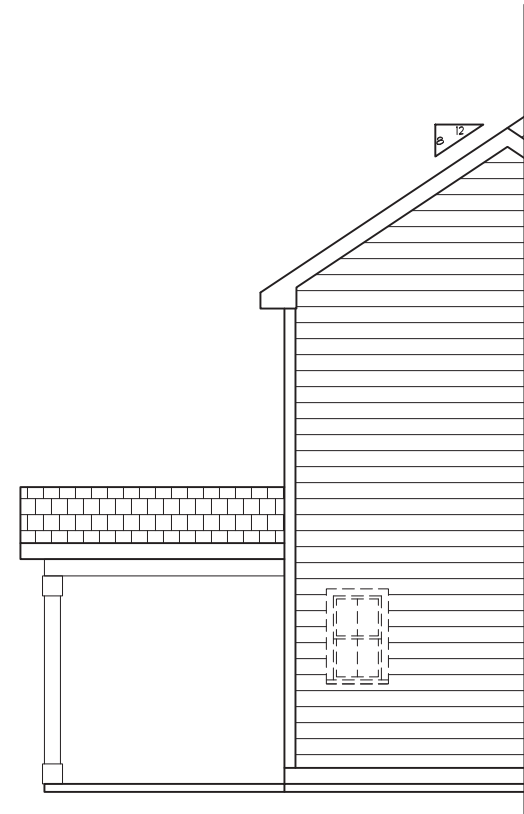
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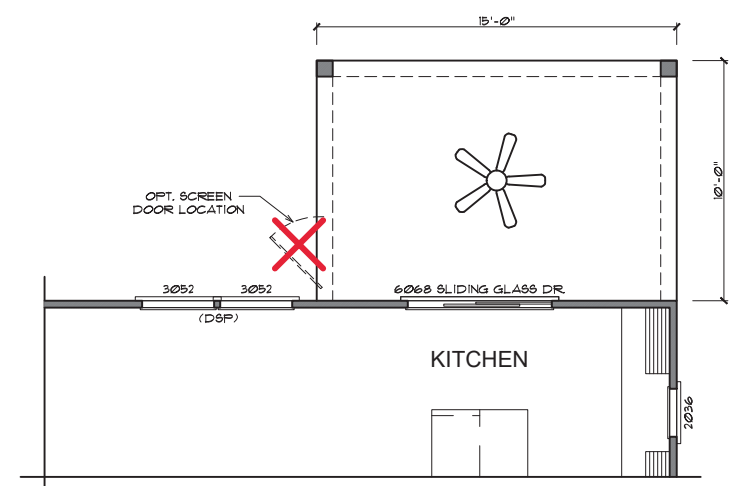
RIGHT ELEVATION
1/8" = 1'-0"



REAR ELEVATION
1/8" = 1'-0"
8" X 8" COLUMN (TYP.)



LEFT ELEVATION
1/8" = 1'-0"



OPT. REAR PORCH

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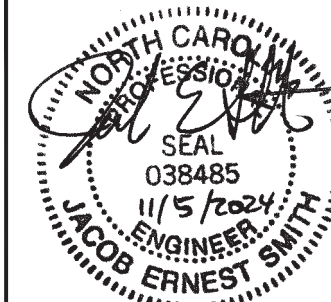
Drawn by: KM
Date: 10/04/2024
Revision:

70 WEST
MCKENZIE PLAN
GARAGE LEFT

70west
BUILDERS

ELEVATIONS

Sheet: **A7**
11X17



J. SMITH STRUCTURAL ENGINEERING, PLLC
 320 N. SALEM STREET, UNIT 106 B
 A P E X , N C 27502
 (919) 864-1430 • jsmithstructural@gmail.com
 N.C. CERTIFICATE NUMBER: P-2212



**THE MCKENZIE - GARAGE LEFT
 70 WEST BUILDERS**

DRAWN BY: KEITH MEISTER

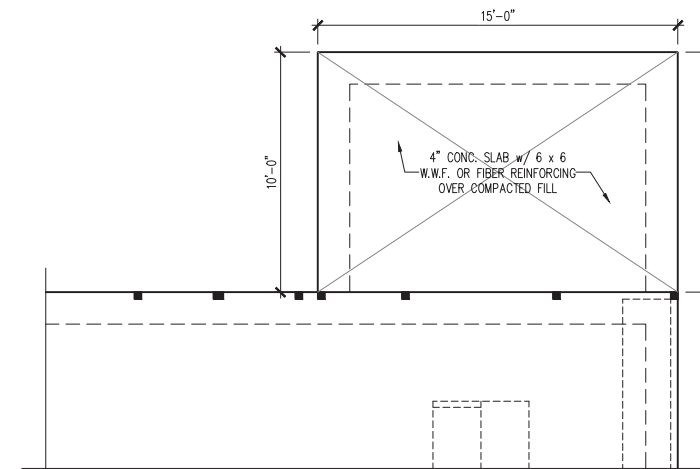
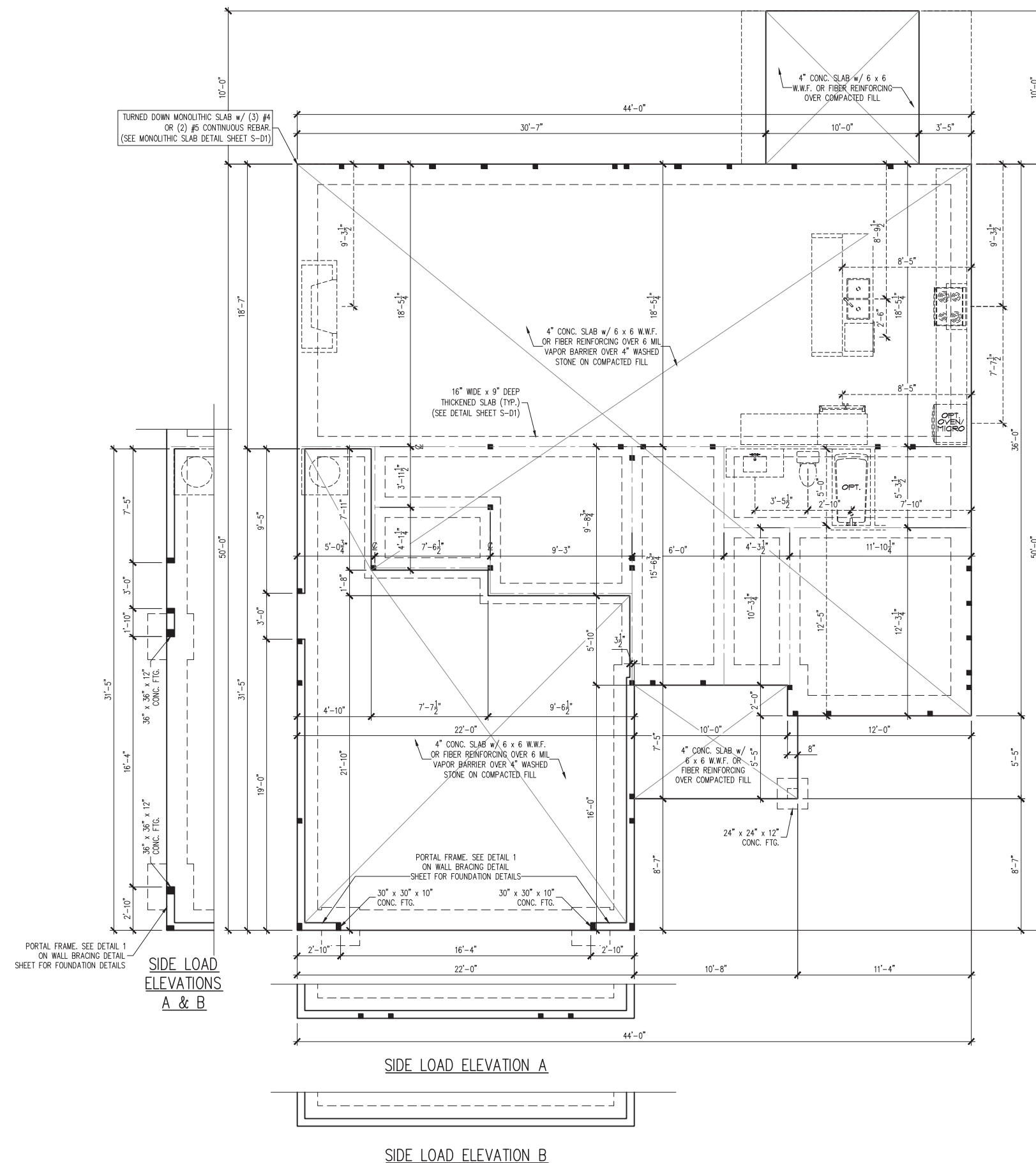
ENGINEERED BY: J. SMITH

SCALE: 1/8" = 1'-0" (UNO)

DATE: 11-5-2024

SHEET: 1 OF 8

S-1A
MONOLITHIC SLAB FOUNDATION PLAN



GENERAL STRUCTURAL 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 RESIDENTIAL CODE (NRC), 2018 EDITION AND THE PROVISIONS OF CHAPTER 45 FOR HIGH WIND ZONES, PLUS 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 SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE CONSTRUCTION WORK.
- DESIGN LOADS (R301)

	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLECTION (LL)
ROOMS OTHER THAN SLEEPING ROOMS	40	10	L/360
SLEEPING ROOMS	30	10	L/360
ATTIC WITH LIMITED STORAGE	20	10	L/240
ATTIC WITHOUT STORAGE	10	10	L/360
STAIRS	40	10	L/360
DECKS	40	10	L/360
HANDRAILS	200 LB OR 50 PLF	10	L/360
PASSENGER VEHICLE GARAGES	50	10	L/360
GROUND SNOW LOAD	20		

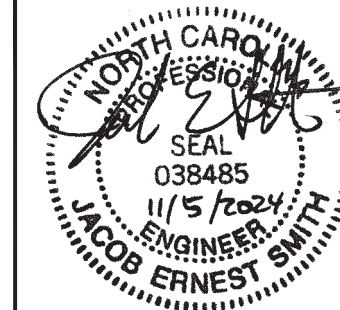
WIND LOAD (BASED ON 150 ULTIMATE DESIGN WIND SPEED, MEAN ROOF HEIGHT LESS THAN 35 FEET, AND EXPOSURE B)

- FLOOR TRUSS SYSTEMS ARE DESIGNED WITH 15 PSF DEAD LOAD.
- WALL CLADDING DESIGNED FOR +24.3 PSF AND -32 PSF (+/- INDICATE POSITIVE / NEGATIVE PRESSURE (TYP)).
- ROOF CLADDING DESIGNED FOR:
 7/12 TO 12/12 PITCH: +22.2 PSF AND -28 PSF
 2.25/12 TO 7/12 PITCH: +14 PSF AND -57 PSF
- THE POSITIVE AND NEGATIVE DESIGN PRESSURE FOR DOORS AND WINDOWS FOR A MEAN ROOF HEIGHT OF 35 FEET OR LESS IS 47 PSF.
- FOUNDATION DESIGN BASED ON A MINIMUM ALLOWABLE BEARING CAPACITY OF 2000 PSF. CONTACT ENGINEER IF ALLOWABLE BEARING CAPACITY CAN NOT BE 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 95% 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 BASE 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 GROUP 1, ACCORDING TO THE UNITED SOIL CLASSIFICATION SYSTEM IN ACCORDANCE WITH TABLE R405.1 OF THE NRC, 2018 EDITION.
- CONCRETE SHALL CONFORM TO SECTION R402.2 OF THE NRC, 2018 EDITION. CONCRETE SHALL HAVE A MINIMUM 28 DAY STRENGTH OF 3000 PSI. CONCRETE REINFORCING STEEL TO BE ASTM A615 GRADE 60. WELDED WIRE FABRIC TO BE ASTM A185. MAINTAIN A MINIMUM CONCRETE COVER AROUND REINFORCING STEEL OF 3" IN FOOTINGS AND 1 1/2" IN SLABS.
- MASONRY UNITS TO CONFORM TO ACE 530/ASCE 5/TMS 402. MORTAR SHALL CONFORM TO ASTM C270.
- LAMINATED VENEER LUMBER (LVL) SHALL HAVE THE FOLLOWING MIN. PROPERTIES: Fb = 2600 PSI, Fv = 285 PSI, E = 1900000 PSI. INSTALL ALL CONNECTIONS PER MANUFACTURER'S SPECIFICATIONS.
- BUILDER IS TO PROVIDE FRAMING CONNECTIONS AS NOTED ON THE PLANS AND AS REQUIRED BY CHAPTER 45 OF THE NRC, 2018 EDITION.

SEE SHEET S-D1 FOR MONOLITHIC SLAB FOUNDATION DETAILS.

LEGEND

■	STUD COLUMNS ON FLOOR ABOVE THAT REQUIRE SOLID BLOCKING TO FOUNDATION.
○	THIS LINE TYPE INDICATES PLUMBING OR APPLIANCES ON THE SLAB LEVEL. (ROUNDED TO NEAREST 1/2") (FOR REFERENCE ONLY, SEE ARCH. DRAWINGS)
(UNO)	UNLESS NOTED OTHERWISE



J. SMITH STRUCTURAL ENGINEERING, PLLC

320 N. SALEM STREET, UNIT 106 B
 A P E X , N C 27502
 (919) 864-1430 • jsmithstructural@gmail.com
 N.C. CERTIFICATE NUMBER: P-2212



**THE MCKENZIE - GARAGE LEFT
 70 WEST BUILDERS**

DRAWN BY: KEITH MEISTER

ENGINEERED BY: J. SMITH

SCALE: 1/8" = 1'-0" (UNO)

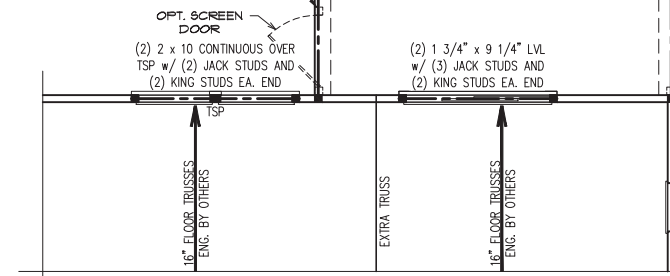
DATE: 11-5-2024

SHEET: 3 OF: 8

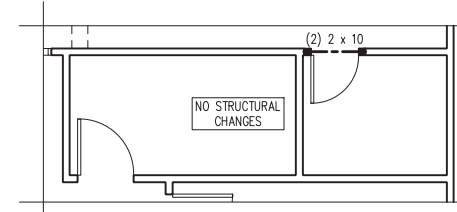
**S-2
 FIRST FLOOR
 CEILING
 FRAMING PLAN**

WITH OPTIONAL COVERED PORCH:
 6 x 6 TRTD. POSTS ON SIMPSON ABU66 POST BASES. INSTALL (2) SIMPSON LTS12 TIES (OR EQUAL) AT THE TOP OF EA. POST (TYPICAL)

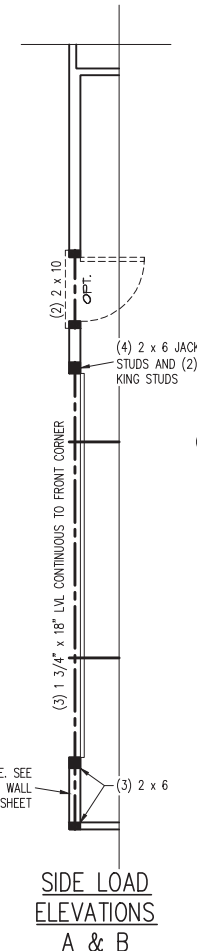
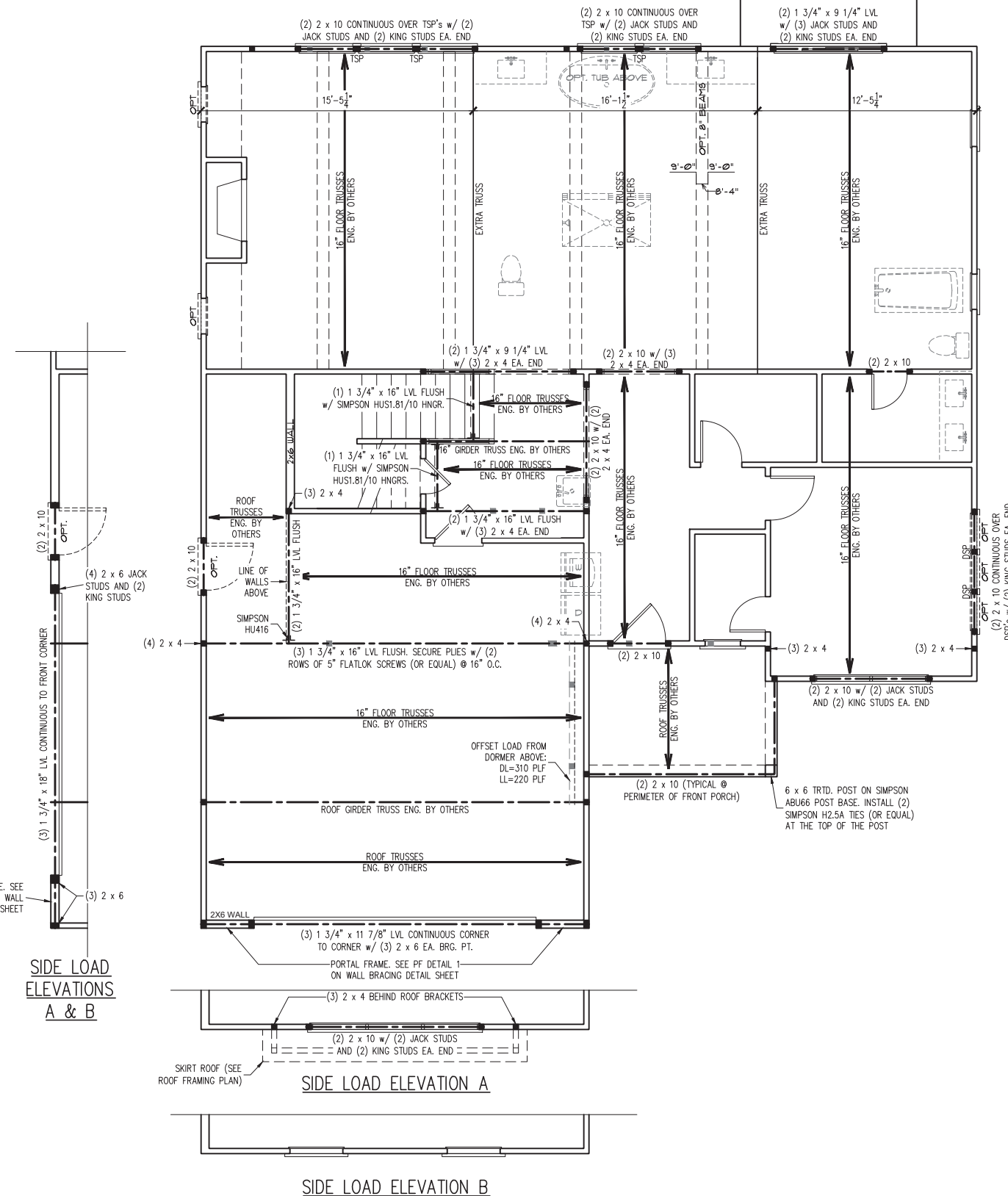
WITH OPTIONAL SCREENED PORCH:
 4 x 4 TRTD. POSTS (MINIMUM) ON SIMPSON ABU44 POST BASES. INSTALL (2) SIMPSON H2.5A TIES (OR EQUAL) AT THE TOP OF EA. POST (TYPICAL)



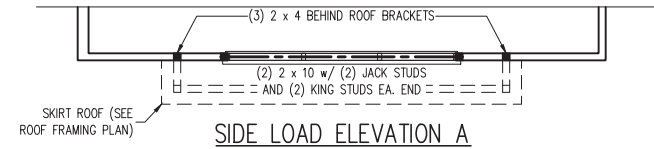
OPTIONAL REAR PORCH



OPT. FULL BATH WITH BED 4



SIDE LOAD ELEVATIONS A & B



SIDE LOAD ELEVATION A



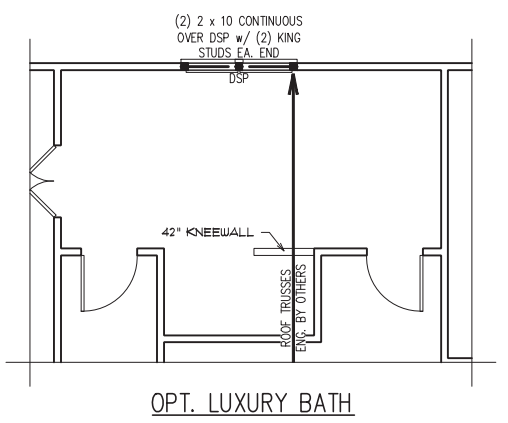
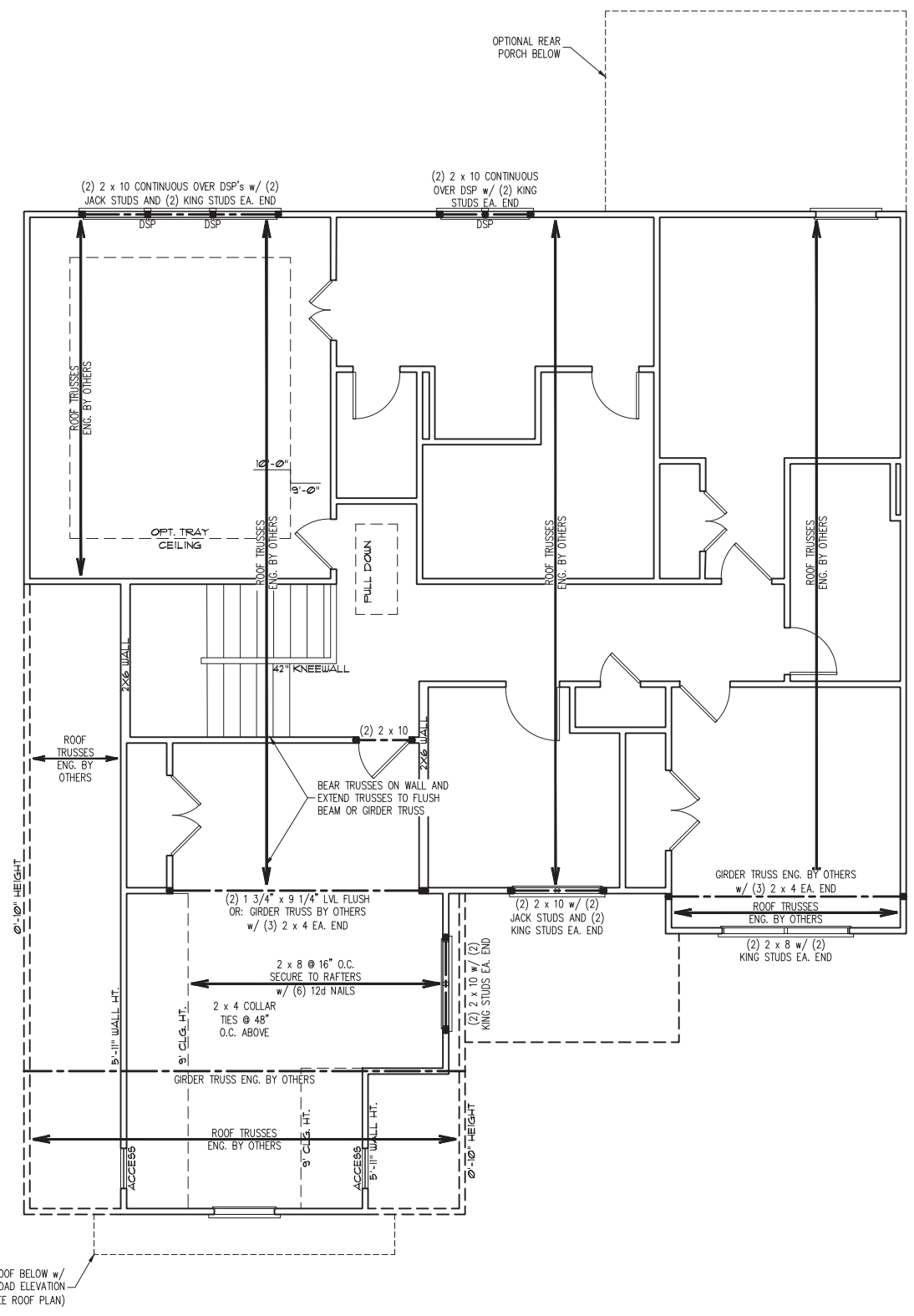
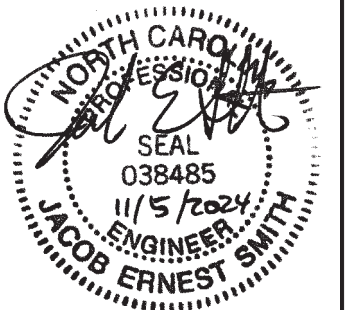
SIDE LOAD ELEVATION B

FIRST FLR. CEILING FRAMING STRUCTURAL NOTES:

- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH CHAPTER 45 OF THE 2018 NCR.
- ALL FRAMING LUMBER TO BE #2 SPF (U.N.O.). ALL TREATED LUMBER TO BE #2 SYP (U.N.O.).
- ALL LOAD BEARING HEADERS TO BE (2) 2 x 10 (U.N.O.).
- PROVIDE (2) KING STUDS EA. SIDE OF EXTERIOR TWIN WINDOWS/DOORS AND (3) KING STUDS EA. SIDE OF EXTERIOR TRIPLE WINDOWS/DOORS (U.N.O.).
- INTERIOR HEADERS ARE TO BE SUPPORTED WITH (1) JACK AND (1) KING STUD PER END (U.N.O.).
- INSTALL AN EXTRA TRUSS UNDER WALLS PARALLEL TO FLOOR TRUSSES WHERE NOTED ON THE PLANS.
- ALL EXTERIOR WALLS TO BE SHEATHED WITH 7/16" OSB SHEATHING. SHEATHING IS USED TO RESIST BOTH LATERAL AND UPLIFT LOADS PER R4508.4 OF THE NCR. (SEE DETAIL 3 ON WALL BRACING DETAIL SHEET.)
- INSTALL 2x4 FLAT BLOCKING AT ALL SHEATHING PANEL JOINTS AND SECURE WITH 8d NAILS AT 6" O.C. ALONG VERTICAL EDGES, 3" O.C. ALONG HORIZONTAL EDGES, AND 12" O.C. IN THE FIELD. LAP SHEATHING 12" BEYOND CONSTRUCTION JOINTS AT FLOOR SYSTEM (SEE DETAIL 3 ON WALL BRACING DETAIL SHEET).
- SECURE ALL EXTERIOR WALL SHEATHING PANELS TO DOUBLE WALL TOP PLATES AND DOUBLE SOLE PLATES w/ (2) ROWS OF 8d NAILS STAGGERED AT 3" O.C. SECURE SHEATHING TO SINGLE WALL BOTTOM PLATES AT UPPER FLOORS w/ (1) ROW OF 8d NAILS @ 3" O.C. (SEE DETAIL 3 ON WALL BRACING DETAIL SHEET).
- SUPPORT GABLE WALLS (WHERE APPLICABLE) WITH 2 x 4 LATERAL BRACING INSTALLED ON TOP OF CEILING JOISTS OR TRUSS BOTTOM CHORDS AT 8'-0" O.C. AND EXTEND INWARD FROM GABLE WALLS 8'-0" MIN.
- REFER TO DETAIL AND NOTES PAGES FOR ADDITIONAL STRUCTURAL INFORMATION.

LEGEND

■	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)
■	OFFSET POINT LOAD FROM FLOOR ABOVE. MUST BE SUPPORTED BY BEAM, JOIST, OR BLOCKING AS NOTED ON THE PLANS.
---	BEAM OR HEADER AS NOTED
U	PLUMBING OR APPLIANCES ON THE FLOOR ABOVE TO HELP ELIMINATE FRAMING CONFLICTS WITH UTILITIES. (FOR REFERENCE ONLY, SEE ARCHITECTURAL DRAWINGS)
TSP	TRIPLE STUD POCKET BETWEEN WINDOW UNITS
DSP	DOUBLE STUD POCKET BETWEEN WINDOW UNITS
(UNO)	UNLESS NOTED OTHERWISE



SECOND FLR. CEILING FRAMING STRUCTURAL NOTES:

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH CHAPTER 45 OF THE 2018 NCR.
2. ALL FRAMING LUMBER TO BE #2 SPF (U.N.O.). ALL TREATED LUMBER TO BE #2 SYP (U.N.O.).
3. ALL LOAD BEARING HEADERS TO BE (2) 2 x 8 (U.N.O.).
4. PROVIDE (2) KING STUDS EA. SIDE OF EXTERIOR TWIN WINDOWS/DOORS AND (3) KING STUDS EA. SIDE OF EXTERIOR TRIPLE WINDOWS/DOORS (U.N.O.).
5. INTERIOR HEADERS ARE TO BE SUPPORTED WITH (1) JACK AND (1) KING STUD PER END (U.N.O.).
6. ALL EXTERIOR WALLS TO BE SHEATHED WITH 7/16" OSB SHEATHING. SHEATHING IS USED TO RESIST BOTH LATERAL AND UPLIFT LOADS PER R4508.4 OF THE NCR. (SEE DETAIL 3 ON WALL BRACING DETAIL SHEET.)
7. INSTALL 2x4 FLAT BLOCKING AT ALL SHEATHING PANEL JOINTS AND SECURE WITH 8d NAILS AT 6" O.C. ALONG VERTICAL EDGES, 3" O.C. ALONG HORIZONTAL EDGES, AND 12" O.C. IN THE FIELD. LAP SHEATHING 12" BEYOND CONSTRUCTION JOINTS AT FLOOR SYSTEM (SEE DETAIL 3 ON WALL BRACING DETAIL SHEET.)
8. SECURE ALL EXTERIOR WALL SHEATHING PANELS TO DOUBLE WALL TOP PLATES AND DOUBLE SOLE PLATES w/ (2) ROWS OF 8d NAILS STAGGERED AT 3" O.C.. SECURE SHEATHING TO SINGLE WALL BOTTOM PLATES AT UPPER FLOORS w/ (1) ROW OF 8d NAILS @ 3" O.C. (SEE DETAIL 3 ON WALL BRACING DETAIL SHEET.)
9. SUPPORT GABLE WALLS (WHERE APPLICABLE) WITH 2 x 4 LATERAL BRACING INSTALLED ON TOP OF CEILING JOISTS OR TRUSS BOTTOM CHORDS AT 8'-0" O.C. AND EXTEND INWARD FROM GABLE WALLS 8'-0" MIN.
10. REFER TO DETAIL AND NOTES PAGES FOR ADDITIONAL STRUCTURAL INFORMATION.

LEGEND

■	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
DSP	DOUBLE STUD POCKET BETWEEN WINDOW UNITS
(UNO)	UNLESS NOTED OTHERWISE

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**THE MCKENZIE - GARAGE LEFT
 70 WEST BUILDERS**

DRAWN BY: KEITH MEISTER

ENGINEERED BY: J. SMITH

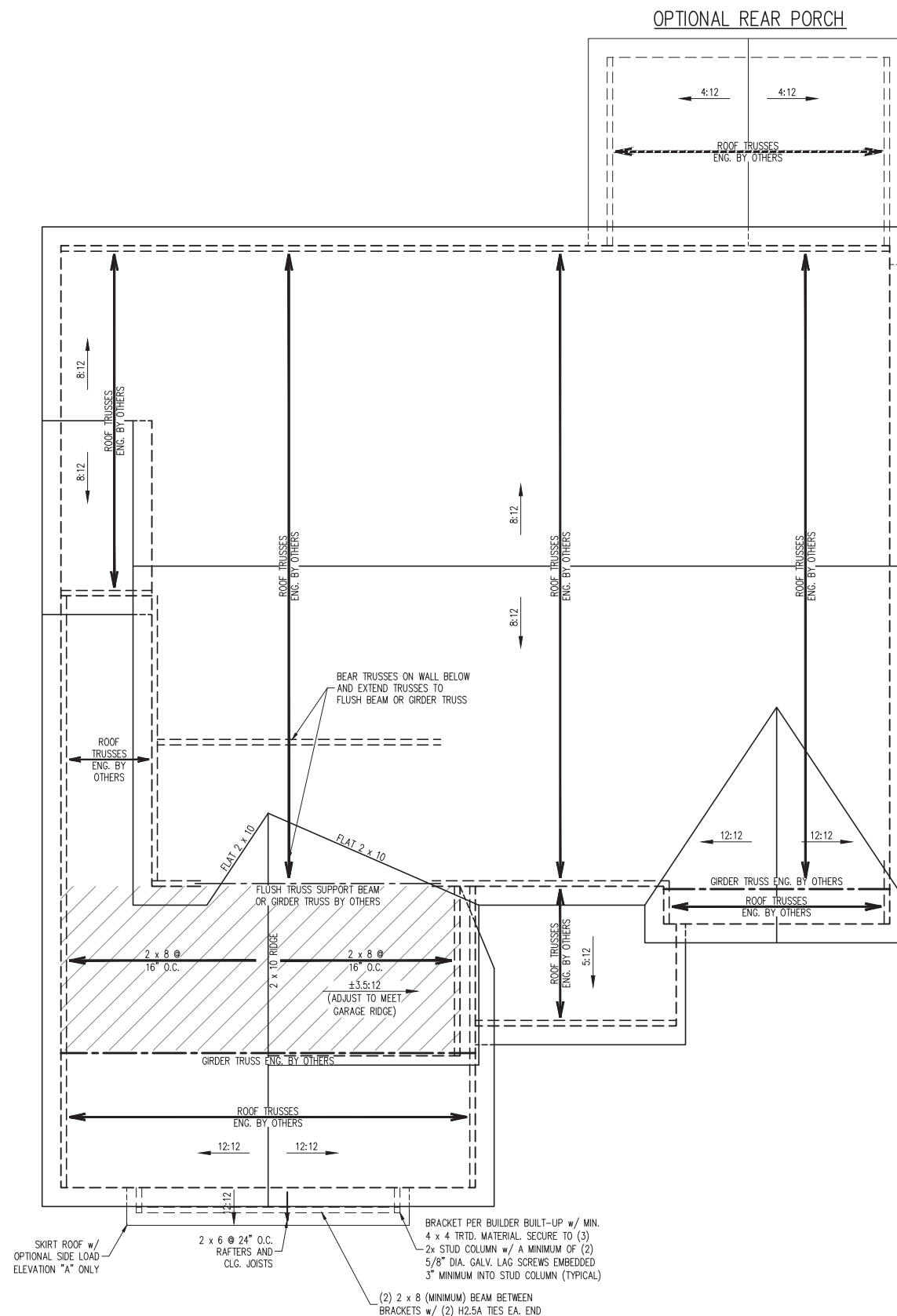
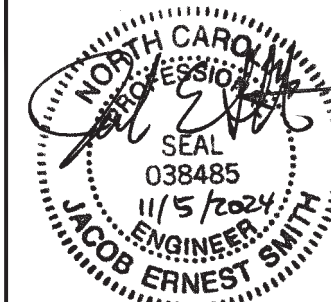
SCALE: 1/8" = 1'-0" (UNO)

DATE: 11-5-2024

SHEET: 4 OF: 8

**S-3
 SECOND FLOOR
 CEILING
 FRAMING PLAN**

REQUIRED ATTIC VENTILATION:
1950 SQ. FT. OF ATTIC DIVIDED BY 150
REQUIRES 13 SQ. FT. OF NET FREE
VENTILATING AREA (MIN.).



ROOF FRAMING STRUCTURAL NOTES:

- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH CHAPTER 45 OF THE 2018 N.C.R.C.
- ALL FRAMING LUMBER TO BE #2 SPF (UNO).
- ROOF SHEATHING PANELS TO BE 7/16" MINIMUM THICKNESS.
- SECURE SHEATHING TO TRUSSES/RAFTERS w/ 10d NAILS AT 6" O.C. ALONG EDGES AND 12" O.C. IN THE FIELD. SECURE SHEATHING TO GABLE END TRUSS/WALL w/ 10d NAILS @ 4" O.C.
- INSTALL 2x4 BLOCKING EACH SIDE OF RIDGE/HIPS ALONG THEIR FULL LENGTH AND INSTALL BLOCKING AT ALL SHEATHING JOINTS WITHIN 48" OF GABLE ENDS.
- SECURE EACH TRUSS TO WALL FRAMING BELOW w/ (1) SIMPSON H10A HURRICANE TIE AND SECURE EA. RAFTER w/ (1) H2.5A TIE (OR EQUAL). (U.N.O. BY TRUSS MANUFACTURER). HURRICANE TIES ARE TO BE INSTALLED ON THE SHEATHING SIDE OF THE WALL.
- SECURE GIRDER TRUSSES TO FRAMING BELOW w/ SIMPSON LGT TIE-DOWNS (U.N.O. BY TRUSS MANUFACTURER).
- SECURE ENDS OF VALLEY TRUSSES TO TRUSS BELOW w/ SIMPSON MTS12 STRAPS (OR EQUAL). (U.N.O. BY TRUSS MANUFACTURER)
- STICK FRAME OVER-FRAMED ROOF SECTIONS w/ 2 x 8 RIDGES, 2 x 6 RAFTERS @ 16" O.C. AND FLAT 2 x 10 VALLEYS OR USE VALLEY TRUSSES (UNO).
- FASTEN FLAT VALLEYS TO EACH RAFTER OR TRUSS THEY PASS OVER w/ (2) 1/4" x 3 1/2" LAG SCREWS. (OR EQUAL) SECURE RAFTERS TO FLAT VALLEY w/ (6) 12d TOE NAILS.
- TRUSS TO TRUSS CONNECTIONS TO BE PER TRUSS MANUFACTURER.
- REFER TO DETAILS AND NOTES SHEETS FOR ADDITIONAL STRUCTURAL INFORMATION.

J. SMITH STRUCTURAL ENGINEERING, PLLC
320 N. SALEM STREET, UNIT 106 B
A P E X , N C 27502
(919) 864-1430 • jsmithstructural@gmail.com
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**THE MCKENZIE - GARAGE LEFT
70 WEST BUILDERS**

DRAWN BY: KEITH MEISTER

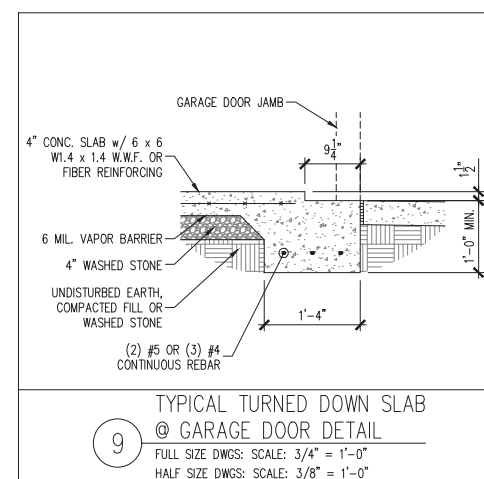
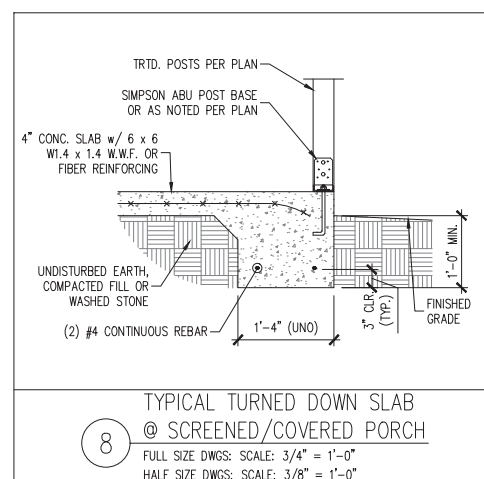
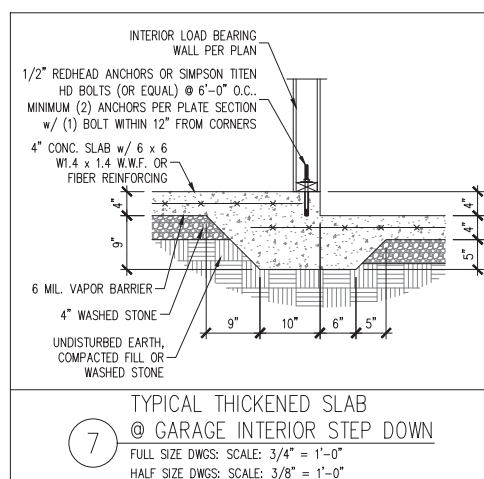
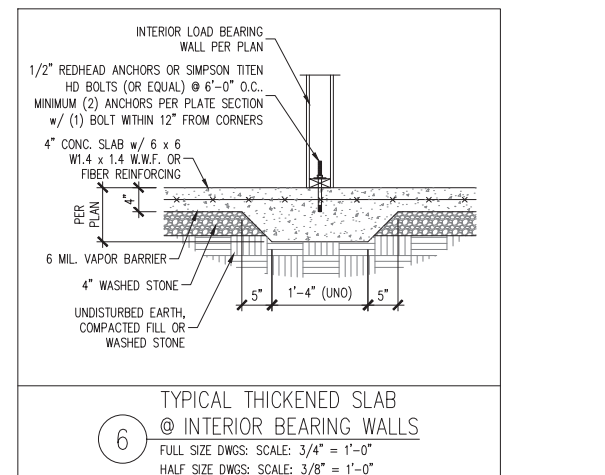
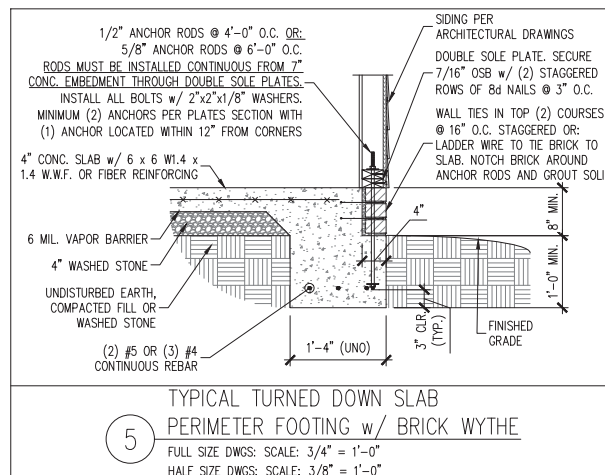
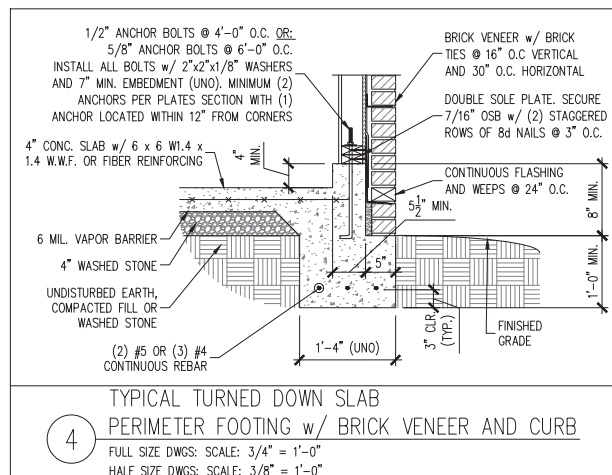
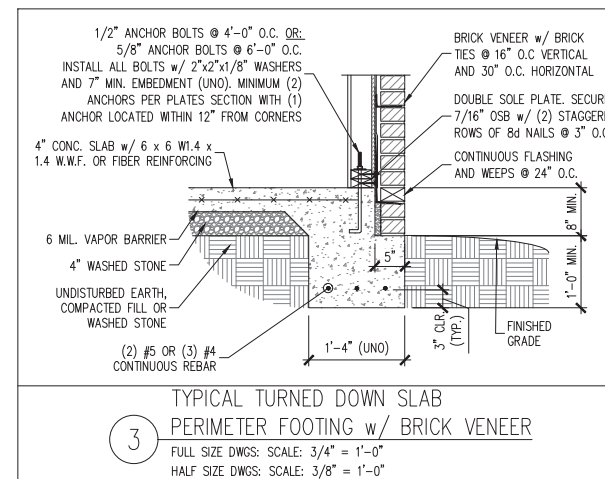
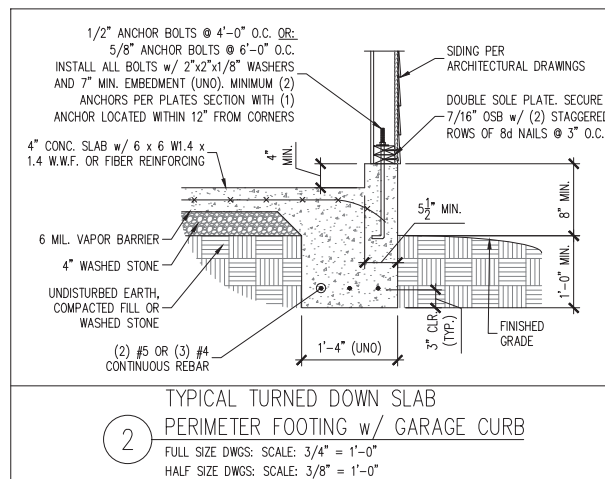
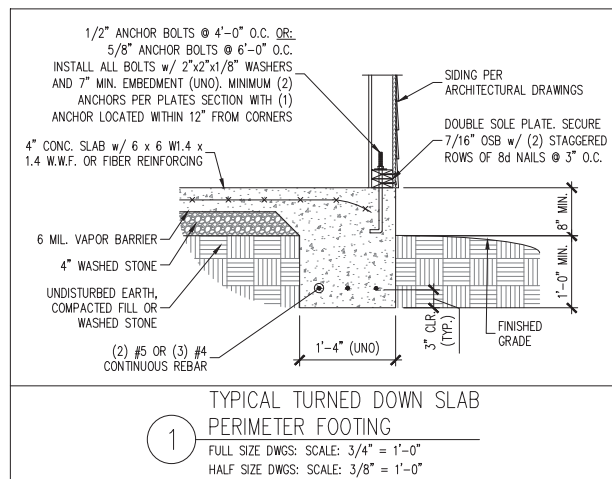
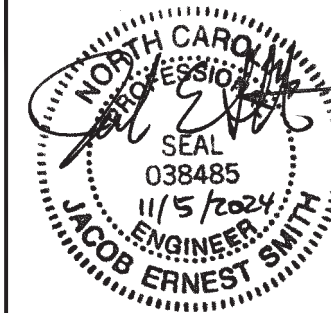
ENGINEERED BY: J. SMITH

SCALE: 1/8" = 1'-0" (UNO)

DATE: 11-5-2024

SHEET: 5 OF: 8

**S-4
ROOF FRAMING
PLAN**



**J. SMITH STRUCTURAL
ENGINEERING, PLLC**
320 N. SALEM STREET, UNIT 106 B
A P E X , N C 27502
(919) 864-1430 • jsmithstructural@gmail.com
N.C. CERTIFICATE NUMBER: P-2212



**THE MCKENZIE - GARAGE LEFT
70 WEST BUILDERS**

DRAWN BY: KEITH MEISTER

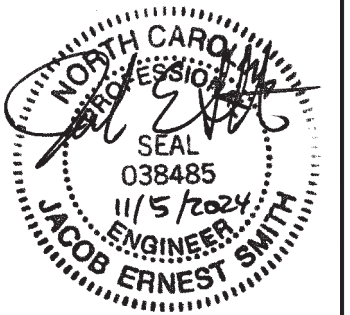
ENGINEERED BY: J. SMITH

SCALE: 1/8" = 1'-0" (UNO)

DATE: 11-5-2024

SHEET: 6 OF: 8

**S-D1
MONOLITHIC SLAB
DETAILS AND NOTES**



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 320 N. SALEM STREET, UNIT 106 B
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 70 WEST BUILDERS**

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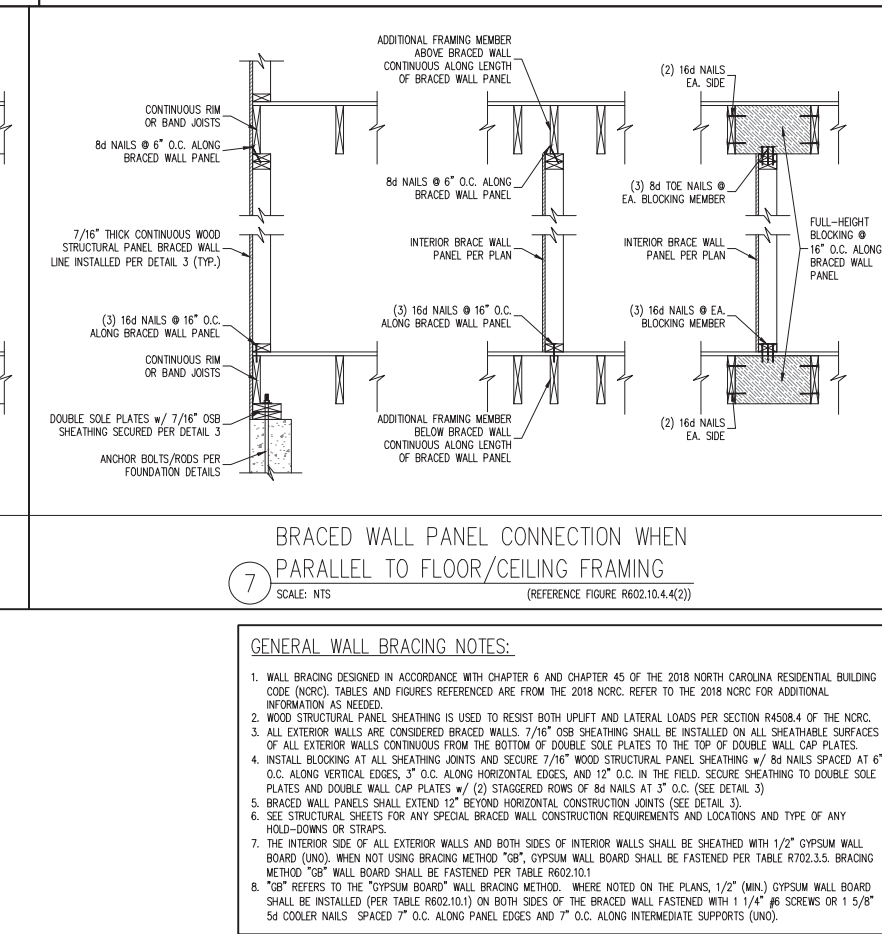
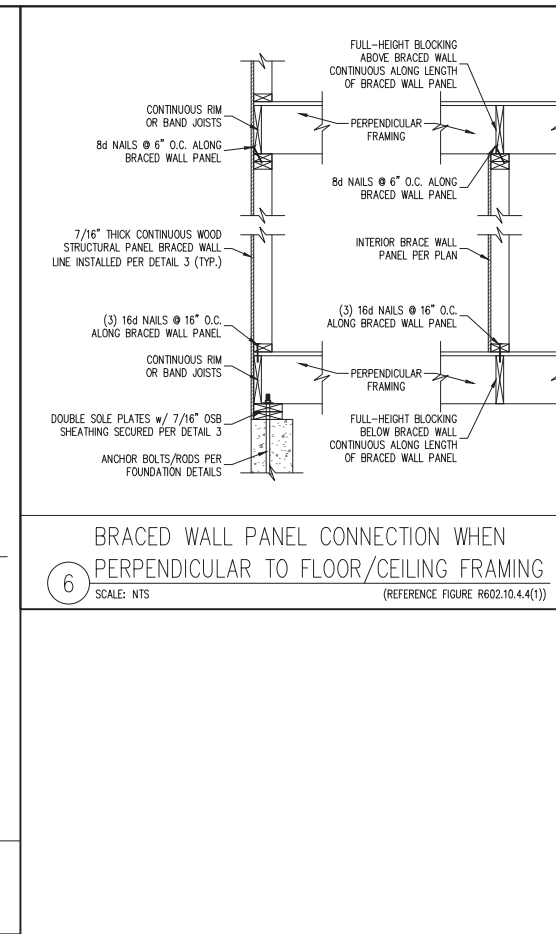
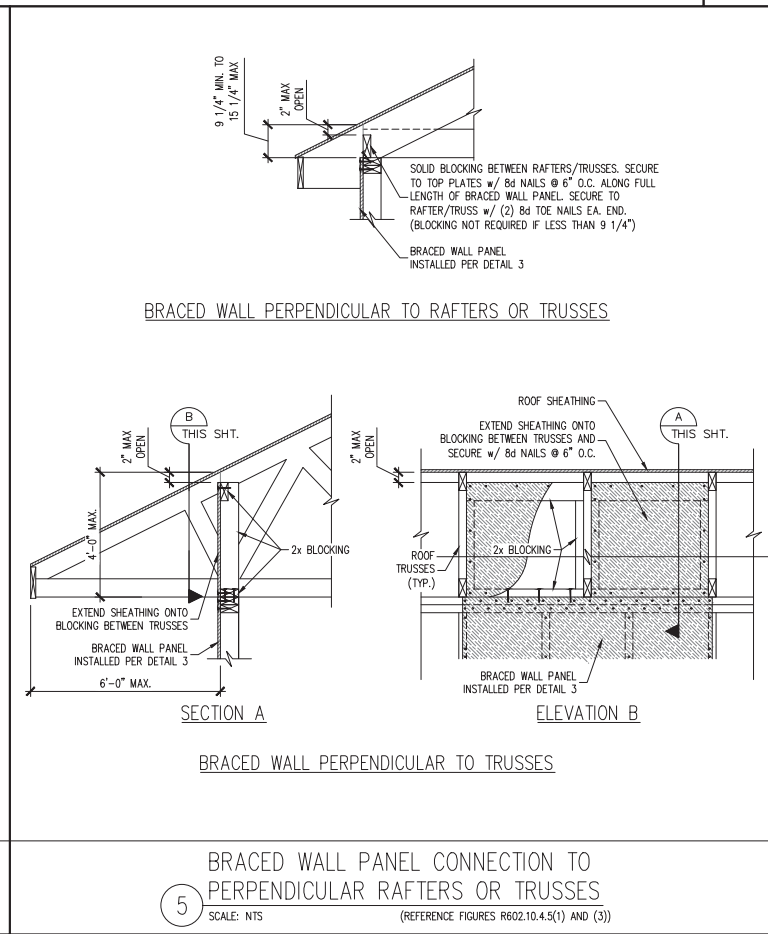
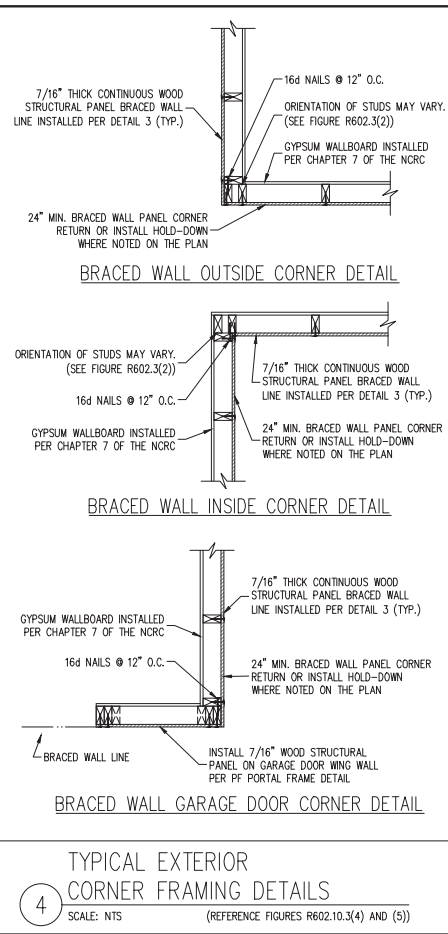
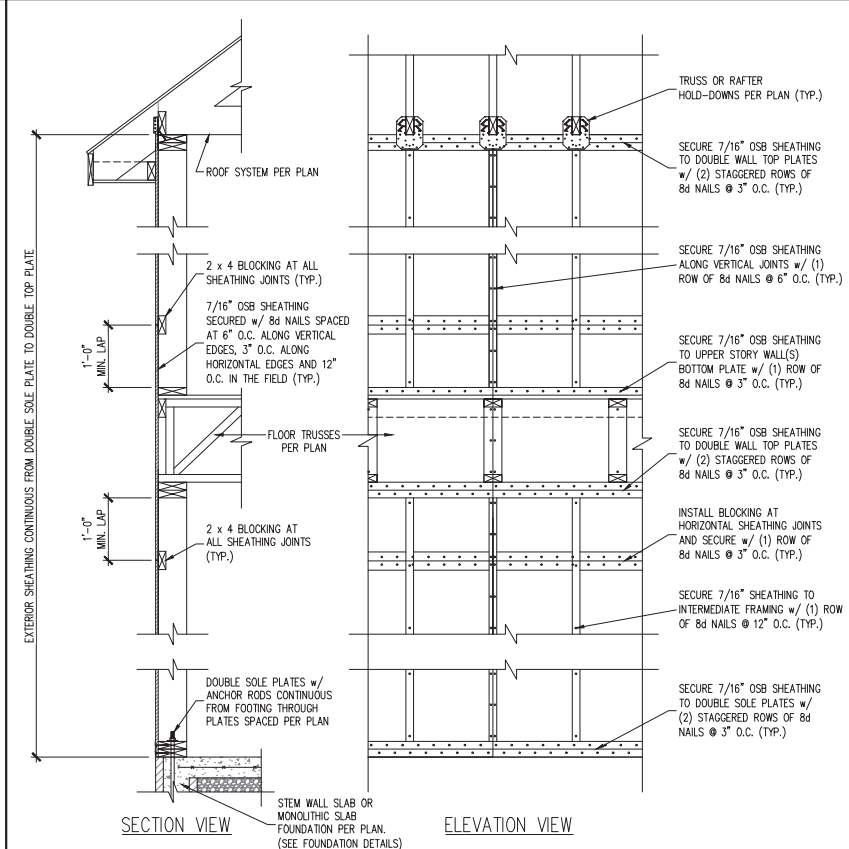
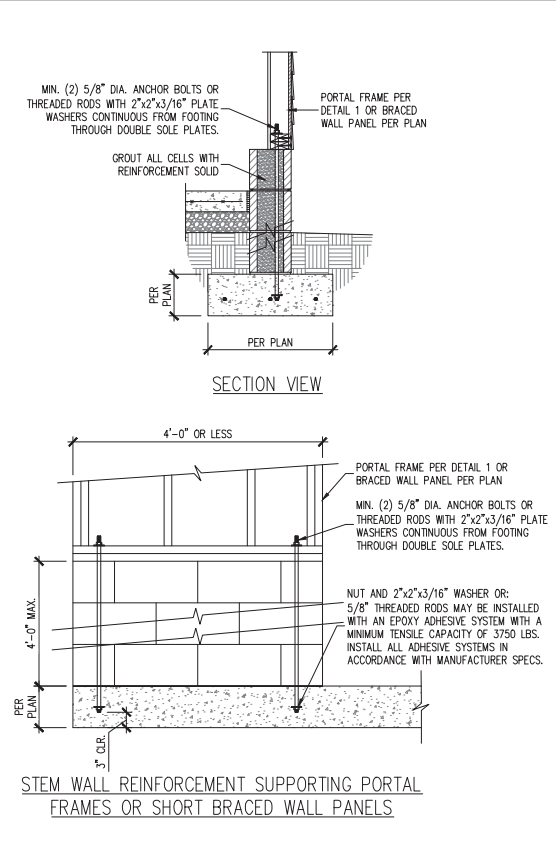
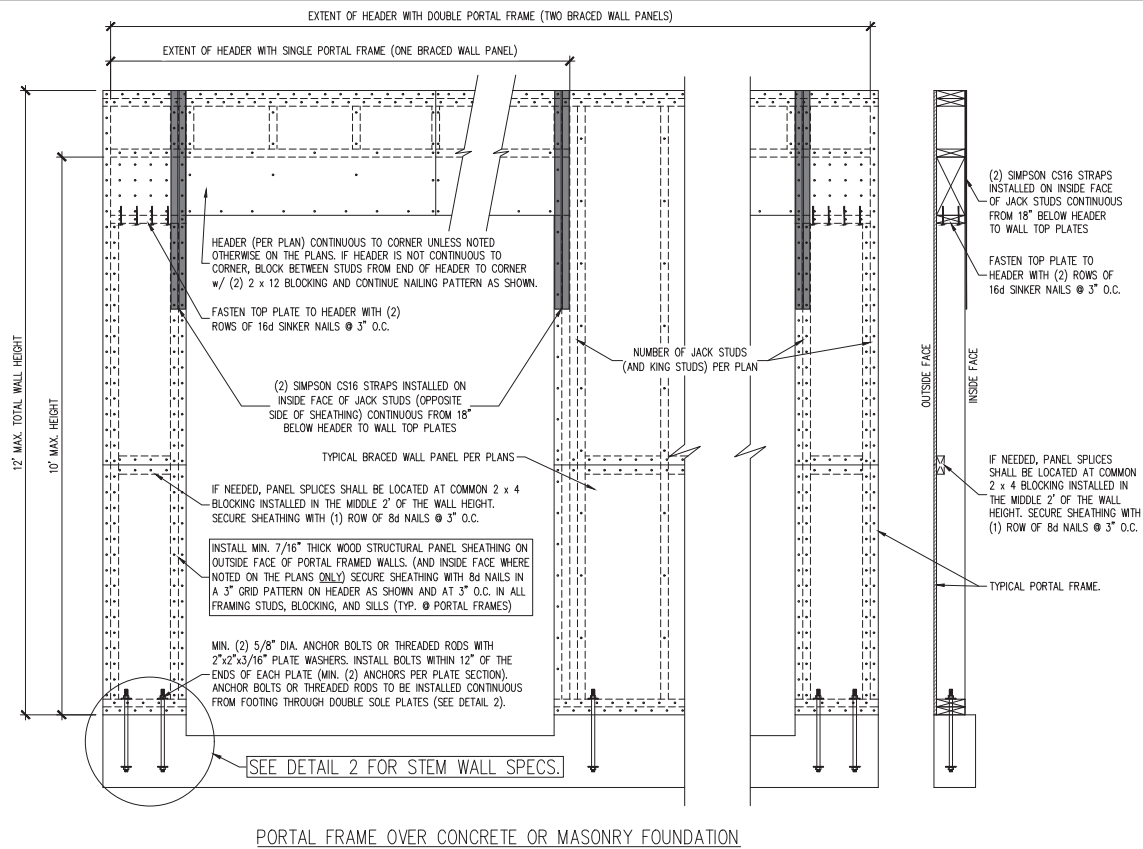
ENGINEERED BY: J. SMITH

SCALE: 1/8" = 1'-0" (UNO)

DATE: 11-5-2024

SHEET: 8 OF 8

**S-WB
 WALL BRACING
 DETAILS AND NOTES**



- GENERAL WALL BRACING NOTES:**
- WALL BRACING DESIGNED IN ACCORDANCE WITH CHAPTER 6 AND CHAPTER 45 OF THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE (NRC). TABLES AND FIGURES REFERENCED ARE FROM THE 2018 NRC. REFER TO THE 2018 NRC FOR ADDITIONAL INFORMATION AS NEEDED.
 - WOOD STRUCTURAL PANEL SHEATHING IS USED TO RESIST BOTH UPLIFT AND LATERAL LOADS PER SECTION R4508.4 OF THE NRC.
 - ALL EXTERIOR WALLS ARE CONSIDERED BRACED WALLS. 7/16" OSB SHEATHING SHALL BE INSTALLED ON ALL SHEATHABLE SURFACES OF ALL EXTERIOR WALLS CONTINUOUS FROM THE BOTTOM OF DOUBLE SOLE PLATES TO THE TOP OF DOUBLE WALL CAP PLATES.
 - INSTALL BLOCKING AT ALL SHEATHING JOINTS AND SECURE 7/16" WOOD STRUCTURAL PANEL SHEATHING w/ 8d NAILS SPACED AT 6" O.C. ALONG VERTICAL EDGES, 3" O.C. ALONG HORIZONTAL EDGES, AND 12" O.C. IN THE FIELD. SECURE SHEATHING TO DOUBLE SOLE PLATES AND DOUBLE WALL CAP PLATES w/ (2) STAGGERED ROWS OF 8d NAILS AT 3" O.C. (SEE DETAIL 3)
 - BRACED WALL PANELS SHALL EXTEND 12" BEYOND HORIZONTAL CONSTRUCTION JOINTS (SEE DETAIL 3).
 - SEE STRUCTURAL SHEETS FOR ANY SPECIAL BRACED WALL CONSTRUCTION REQUIREMENTS AND LOCATIONS AND TYPE OF ANY HOLD-DOWNS OR STRAPS.
 - THE INTERIOR SIDE OF ALL EXTERIOR WALLS AND BOTH SIDES OF INTERIOR WALLS SHALL BE SHEATHED WITH 1/2" GYPSUM WALL BOARD (UNO). WHEN NOT USING BRACING METHOD "GB", GYPSUM WALL BOARD SHALL BE FASTENED PER TABLE R702.3.5. BRACING METHOD "GB" WALL BOARD SHALL BE FASTENED PER TABLE R602.10.1
 - "GB" REFERS TO THE "GYPSUM BOARD" WALL BRACING METHOD. WHERE NOTED ON THE PLANS, 1/2" (MIN.) GYPSUM WALL BOARD SHALL BE INSTALLED (PER TABLE R602.10.1) ON BOTH SIDES OF THE BRACED WALL FASTENED WITH 1 1/4" #6 SCREWS OR 1 5/8" 5d COOLER NAILS SPACED 7" O.C. ALONG PANEL EDGES AND 7" O.C. ALONG INTERMEDIATE SUPPORTS (UNO).