

**SOUTH
DESIGNS**

P.O. Box 688
Wake Forest, NC 27588
(O) 919-556-2226
(F) 919-556-2228
www.southdesigns.com

Prince Place Lot 13

SQUARE FOOTAGE		
	HEATED S.F.	UNHEATED S.F.
FIRST FLOOR	1534	0
SECOND FLOOR	1256	0
3 CAR GARAGE	0	827
FRONT PORCH	0	171
SCREEN PORCH	0	181
TOTAL	2790	1179
OPTIONS		
	HEATED S.F.	UNHEATED S.F.

ATTIC VENT SCHEDULE									
ELEVATION									
MAIN HOUSE			AT / NEAR RIDGE			AT / NEAR EAVE			
VENT TYPE	SQ. FT. REQUIRED RANGE	SQ. FT. SUPPLIED	PERCENT OF TOTAL SUPPLIED	POT LARGE (SQ. FT. EACH)	POT SMALL (SQ. FT. EACH)	RIDGE VENT (SQ. FT. PER LF)	EAVE VENT (SQ. FT. EACH)	CONT. VENT (SQ. FT. PER LF)	
RIDGE VENT	3.27	4.09	8.75	46.67	0	0	70.00		
SOFFIT VENTS	4.91	4.09	10.00	53.33			0	160.00	
TOTAL (MIN)	8.18	8.18	18.75	100.00					

* SCHEDULE HAS BEEN CALCULATED ASSUMING EAVE VENTILATION AT 50-60% OF TOTAL AND RIDGE AT 40-50% OF TOTAL REQUIRED VENTILATION

REVISION LOG	
REVISION: 001	DATE: 01/28/2022
1. ADD 3-CAR GARAGE TO PLAN.	
REVISION: 002	DATE: 02/08/2022
1. CHANGED THE 2 CAR GARAGE DOOR 16080 GARAGE DOOR TO 18080	
2. EXTENDED 2 CAR GARAGE FRONT WALL 24" TO ACCOMMODATE NEW GARAGE DOOR SIZE	
3. CHANGED THE 8080 GARAGE DOOR TO 9080	
4. EXTENDED 1 CAR GARAGE SIDE WALL 12" TO ACCOMMODATE NEW GARAGE DOOR SIZE	

MEAN ROOF HEIGHT
1 STORY = 11'-0"
 CLADDING POSITIVE & NEGATIVE PRESSURE = 21 PSF

1 1/2 STORY = 19'-0"
 CLADDING POSITIVE & NEGATIVE PRESSURE = 34.8 PSF

2 STORY = 19'-0"
 CLADDING POSITIVE & NEGATIVE PRESSURE = 34.8 PSF

ANCHOR BOLTS
 INSTALL ANCHOR BOLTS, NUTS, AND WASHERS PER CODE AT ALL EXTERIOR WALL TREATED PLATES AND AT INTERIOR BEARING WALL TREATED PLATES ON SLAB FOUNDATIONS. TO BE A MINIMUM OF 6" O.C. AND WITHIN 12" FROM THE ENDS OF EACH PLATE.

DESIGN PRESSURES
 MINIMUM RATING: 25 PSF

MI WINDOWS 3500 SERIES
 LOW E-GLASS WINDOWS

DESIGN LOADS	LIVE LOAD (PSF)	DEAD LOAD (PSF)
TABLE R301.4 DWELLING UNITS	40	10
SLEEPING ROOMS	30	10
ATTICS WITH STORAGE	20	10
ATTICS WITHOUT STORAGE	10	10
ROOF SNOW	20	10
STAIRS	40	10
DECKS	40	10
EXTERIOR BALCONIES	60	10
PASSENGER VEHICLE GARAGES	50	-
FIRE ESCAPES	40	10
GUARDRAILS AND HANDRAILS	200	-

- MATERIALS**
- FRAMING LUMBER SHALL BE #2 SPRUCE PINE FIR (SPF) WITH THE FOLLOWING DESIGN PROPERTIES: F_b = 875 PSI F_v = 70 PSI E = 1,468 PSI
 - FRAMING LUMBER EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND, CONCRETE OR MASONRY SHALL BE #2 SOUTHERN YELLOW PINE (SPY) TREATED IN ACCORDANCE WITH AWPA C22 WITH THE FOLLOWING DESIGN PROPERTIES: F_b = 1050 PSI F_v = 95 PSI E = 1,658 PSI
 - ENGINEERED WOOD BEAMS SHALL BE LAMINATED VENEER LUMBER (LVL) OR PARALLEL STRAND LUMBER (PSL) WITH THE FOLLOWING MINIMUM DESIGN PROPERTIES: F_b = 2800 PSI F_v = 285 PSI E = 1,954 PSI
 - STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36 MINIMUM GRADE.
 - BOLTS SHALL CONFORM TO A307 MINIMUM GRADE.
 - REBAR SHALL BE DEFORMED STEEL CONFORMING TO ASTM A615 GRADE 60.
 - POURED CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. MATERIALS USED TO PRODUCE CONCRETE SHALL COMPLY WITH THE APPLICABLE STANDARDS LISTED IN ACI 318 OR ASTM C 1157.
 - CONCRETE LOCATED PER TABLE R402.2 SHALL BE AIR ENTRAINED WITH THE TOTAL AIR CONTENT NOT LESS THAN 5 PERCENT OR MORE THAN 7 PERCENT.
 - MASONRY UNITS SHALL CONFORM TO ACI 530/ASCE 5/TMS 402 AND MORTAR SHALL COMPLY WITH ASTM C 270.
 - ALLOWABLE SOIL BEARING PRESSURE 2000 PSF.

GENERAL

ENGINEER'S SEAL APPLIES TO STRUCTURAL COMPONENTS ONLY AND DOES NOT CERTIFY ARCHITECTURAL LAYOUT OR DIMENSIONAL ACCURACY. ENGINEER IS NOT RESPONSIBLE FOR CONSTRUCTION METHODS OR ANY DEVIATION FROM THE PLANS.

ALL CONSTRUCTION, WORKMANSHIP, MATERIAL QUALITY AND SELECTION SHALL BE IN ACCORDANCE WITH THE NORTH CAROLINA STATE BUILDING CODE - RESIDENTIAL CODE 2018 EDITION FROM THE INTERNATIONAL RESIDENTIAL CODE 2018 (IRC), AND LOCAL CODES AND REGULATIONS. DIMENSIONS SHALL GOVERN OVER SCALE AND CODE SHALL GOVERN OVER DIMENSIONS.

- ADDITIONAL LOADS**
- FIGURE R301.2(4) - BASIC DESIGN WIND SPEED 100 MPH
- FIGURE R301.2(2) - SEISMIC DESIGN CATEGORY B
- TABLE R301.2(4) - DESIGN POSITIVE AND NEGATIVE PRESSURE FOR DOORS AND WINDOW FOR A MEAN ROOF HEIGHT OF 35 FEET OR LESS SHALL BE 25 PSF
- TABLE R301.2(2) - COMPONENT AND CLADDING LOADS FOR A MEAN ROOF HEIGHT OF 30 FEET OR LESS LOCATED IN EXPOSURE B
- ROOF VALUES BOTH POSITIVE AND NEGATIVE SHALL BE DESIGNED BASED ON ROOF PITCHES AS FOLLOWS:
 45.4 PSF FOR 0:12 TO 2:25:12, 34.8 PSF FOR 2:25:12 TO 7:12 AND 21 PSF FOR 7:12 TO 12:12
 WALL CLADDING IS DESIGNED FOR A 24.1 PSF POSITIVE AND NEGATIVE PRESSURE

- ENERGY COMPLIANCE:**
- TABLE N1102.1 - REFER TO TABLE N1101.1 TO DETERMINE THE CLIMATE ZONE BY COUNTY AND REFER TO TABLE N1102.1 FOR R VALUE INSULATION REQUIREMENTS LISTED BY ZONE.
- TABLE N1102.1 - ZONE 7 - MAX. GLAZING U FACTOR: 0.40. MIN. INSULATION R VALUES: CEILING R-30, WALLS R-13, FLOORS R-19, BASEMENT WALLS R-7, SLAB PERIMETER R-0, CRAWL SPACE WALLS R-7.
- TABLE N1102.1 - ZONE 8 - MAX. GLAZING U FACTOR: 0.40. MIN. INSULATION R VALUES: CEILING R-30, WALLS R-13, FLOORS R-19, BASEMENT WALLS R-8, SLAB PERIMETER R-5 (2 FT DEEP), CRAWL SPACE WALLS R-10.

- CONSTRUCTION**
- STEEL FLITCH BEAMS SHALL BE FASTENED TOGETHER WITH 1/2" DIAMETER BOLTS WITH WASHERS PLACED UNDER THE THREADED END OF THE BOLT. BOLTS SHALL BE SPACED AT MAXIMUM 24" o.c. STAGGERED TOP AND BOTTOM OF BEAM WITH A MINIMUM 2" EDGE DISTANCE. TWO BOLTS SHALL BE LOCATED AT 6" FROM EACH END OF FLITCH BEAM.
 - STEEL BEAMS SHALL BE SUPPORTED AT EACH END WITH A MINIMUM BEARING LENGTH OF 3 1/2" AND FULL FLANGE WIDTH. BEAMS MUST BE ANCHORED AT EACH END WITH A MINIMUM OF FOUR 1/4" NAILS OR TWO 1/2" x 4" LAG SCREWS.
 - ENGINEERED WOOD BEAMS SHALL BE INSTALLED WITH ALL CONNECTIONS PER MANUFACTURER'S INSTRUCTIONS.
 - ALL BEAMS SHALL BE CONTINUOUSLY SUPPORTED Laterally AND SHALL BEAR FULL WIDTH ON THE SUPPORTING WALLS OR COLUMNS INDICATED WITH A MINIMUM OF THREE STUDS.
 - SOLID BLOCKING SHALL BE PROVIDED AT ALL POINT LOADS TO TRANSFER LOADS THROUGH FLOOR LEVELS. COLUMNS SHALL BE CONTINUOUS TO THE FOUNDATION OR TO OTHER STRUCTURAL ELEMENTS.
 - ENGINEERED WOOD FLOOR SYSTEMS AND ROOF TRUSS SYSTEMS SHALL BE PROVIDED FOR REVIEW AND COORDINATED WITH THE ENGINEER OF RECORD. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 - WALL BRACING REQUIREMENTS SHALL BE IN ACCORDANCE WITH SECTION R602.10 OF THE NORTH CAROLINA RESIDENTIAL CODE.
 - BRICK LINTELS SHALL BE 3 1/2 x 3 1/2 x 1/4 STEEL ANGLE FOR UP TO 60" MAXIMUM SPAN AND 6 x 4 x 5/16 FOR SPANS GREATER THAN 60".
 - BRICK LINTELS AT SLOPED AREAS SHALL BE 4 x 3 1/2 x 1/4 STEEL ANGLE WITH 16d NAILS IN 3/16" HOLES IN 4" ANGLE LEG AT 12" o.c. TO DOUBLE RAFTER. WHEN THE SLOPE EXCEEDS 4:12 A MINIMUM OF 3 x 3 x 1/4 PLATES SHALL BE WELDED AT 24" o.c. ALONG THE STEEL ANGLE.

ABBREVIATIONS	
CONC	CONCRETE
CONT	CONTINUOUS
DBL	DOUBLE
DJ	DOUBLE JOIST
DSP	DOUBLE STUD POCKET
EA	EACH
FL PT	FLAT PLATE
FTG	FOOTING
HGR	HANGER
LVL	LAMINATED VENEER LUMBER
NTS	NOT TO SCALE
OC	ON CENTER
PSL	PARALLEL STRAND LUMBER
PT	PRESSURE TREATED
SC	STUD COLUMN
SP	STUD POCKET
TJ	TRIPLE JOIST
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE

TABLE N1102.1 CLIMATE ZONES 3-5

CLIMATE ZONES	FENESTRATION U-FACTOR ^b	SKYLIGHT U-FACTOR ^b	GLAZED FENESTRATION SHGC ^{b,4}	CEILING R ¹ R-VALUE	WOOD FRAMED WALL R-VALUE	MASS WALL R-VALUE ¹	FLOOR R-VALUE	BASEMENT ^c WALL R-VALUE	SLAB ^d R-VALUE AND DEPTH	CRAWL SPACE ^e WALL R-VALUE
3	0.35	0.65	0.30	30	13	5/10	19	10/19 ^f	0	5/13
4	0.35	0.80	0.30	38 OR 30 CONT ¹	15 OR 19+2.5 ^g	5/10	19	10/13	10 ^d	10/13
5	0.35	0.80	NR	38 OR 30 CONT ¹	19 OR 19+5 OR 15+9 ^h	13/17	30/9	10/13	10 ^d	10/13

a. R-VALUES ARE MINIMUMS. U-FACTORS AND SHGC ARE MAXIMUMS.
 b. THE FENESTRATION U-FACTOR COLUMN EXCLUDES SKYLIGHTS. THE SHGC COLUMN APPLIES TO ALL GLAZED FENESTRATION.
 c. "10/13" MEANS R-10 CONT. INSULATED SHEATHING ON THE INTERIOR OR EXTERIOR OF THE HOME OR R-13 CAVITY INSULATION AT THE INTERIOR OF THE BASEMENT WALL OR CRAWL SPACE WALL.
 d. FOR MONOLITHIC SLABS, INSULATION SHALL BE APPLIED FROM THE INSPECTION GAP DOWNWARD TO THE BOTTOM OF THE FOOTING OR A MAXIMUM OF 18 INCHES BELOW GRADE, WHICHEVER IS LESS. FOR FLOATING SLABS, INSULATION SHALL EXTEND TO THE BOTTOM OF THE FOUNDATION WALL OR 24 INCHES, WHICHEVER IS LESS. R-6 SHALL BE ADDED TO THE REQUIRED SLAB EDGE R-VALUE FOR HEATED SLABS.
 e. R-19 FIBERGLASS BATTS COMPRESSED AND INSTALLED IN A NOMINAL 2x8 CAVITY IS DEEMED TO COMPLY. FIBERGLASS BATTS RATED R-19 OR HIGHER COMPRESSED AND INSTALLED IN A 2x4 WALL IS NOT DEEMED TO COMPLY.
 f. BASEMENT WALL INSULATION IS NOT REQUIRED IN WARM-HUMID LOCATIONS AS DEFINED BY FIGURE N1101.2 (1 AND 2) AND TABLE N1101.2.
 g. OR INSULATION SUFFICIENT TO FILL THE FRAMING CAVITY, R-19 MINIMUM.
 h. "19+5" MEANS R-13 CAVITY INSULATION PLUS R-5 INSULATED SHEATHING. "15+9" MEANS R-15 CAVITY INSULATION PLUS R-3 INSULATED SHEATHING. IF STRUCTURAL SHEATHING COVERS 25 PERCENT OR LESS OF THE EXTERIOR, INSULATING SHEATHING IS NOT REQUIRED WHERE STRUCTURAL SHEATHING IS USED. IF THE STRUCTURAL SHEATHING COVERS MORE THAN 25 PERCENT OF THE EXTERIOR, STRUCTURAL SHEATHING SHALL BE SUPPLEMENTED WITH INSULATED SHEATHING OF AT LEAST R-2. "19+2.5" MEANS R-13 CAVITY INSULATION PLUS R-2.5 SHEATHING.
 i. FOR MASS WALLS, THE SECOND R-VALUE APPLIES WHEN MORE THAN HALF THE INSULATION IS ON THE INTERIOR OF THE MASS WALL.
 j. R-30 SHALL BE DEEMED TO SATISFY THE CEILING INSULATION REQUIREMENT WHEREVER THE FULL HEIGHT OF THE UNCOMPRESSED R-30 INSULATION EXTENDS OVER THE WALL TOP PLATE AT THE EAVES. OTHERWISE R-30 INSULATION IS REQUIRED WHERE ADEQUATE CLEARANCE EXISTS OR INSULATION MUST EXTEND TO EITHER THE INSULATION Baffle OR WITHIN 1" OF THE ATTIC ROOF DECK.
 k. TABLE VALUE REQUIRED EXCEPT FOR ROOF EDGE WHERE THE SPACE IS LIMITED BY THE PITCH OR THE ROOF, THERE THE INSULATION MUST FILL THE SPACE UP TO THE AIR Baffle.

Drawn By:	RWB
Checked By:	RWB
Date:	01-18-2021
Revision No.	Revision Date

Designer Signature

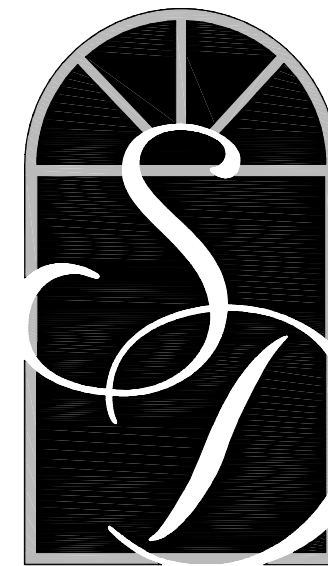
This plan is the property of South Designs, Inc. and may not be used or reproduced without the expressed written consent of South Designs, Inc. These drawings are offered to the named client for a conditional one time use. The conditional use is limited to the lot or property as specified herein, and only for said location.

South Designs, Inc. assumes no liability for any home constructed from these plans. Contractor or builder shall verify all dimensions and conditions prior to construction. Caution must be exercised when making changes to these drawings. If changes are made to these drawings, contact South Designs.

Client:

Title:
COVER SHEET

Plan No.
CS-1
Sheet No. Of



**SOUTH
DESIGNS**

P.O. Box 688
Wake Forest, NC 27588
(O) 919-556-2226
(F) 919-556-2228
www.southdesigns.com

Drawn By: **RWB**

Checked By: **RWB**

Date: **01-18-2021**

Revision No. Revision Date

Revision No.	Revision Date

Designer Signature

This plan is the property of South Designs, Inc. and may not be used or reproduced without the expressed written consent of South Designs, Inc. These drawings are offered to the named client for a conditional one time use. The conditional use is limited to the lot or property as specified herein, and only for said location.

South Designs, Inc. assumes no liability for any home constructed from these plans. Contractor or builder shall verify all dimensions and conditions prior to construction. Caution must be exercised when making changes to these drawings. If changes are made to these drawings, contact South Designs.

Client:

Empty box for Client name.

Title:

ELEVATIONS

Plan No.

EL-1

Sheet No. Of

NOTE:
ICE GUARD & WATER SHIELD
REQUIRED ON ALL ROOF SLOPES
W/ 4:12 PITCH & LESS PER NCRBC

RIDGE VENT

SHINGLES AS
SPECIFIED
12 :12

NOTE:
CORROSION RESISTANT
FLASHING REQUIRED AT ALL
WALL/ROOF INTERSECTIONS

12 12
14 14

4 :12

RIDGE VENT

SHINGLES AS
SPECIFIED
6 :12

STANDING SEAM
METAL ROOF

6'-10" HEADER HT.

8'-0" CEILING HT.

31'-8 1/2" AVERAGE ROOF RIDGE HT.

3RD CAR GARAGE PLATE
16" BELOW 1ST FLOOR
PLATE HEIGHT

SIDING AS
SPECIFIED

4" TRIM

10" COLUMN AS
SPECIFIED

7'-8" HEADER HT.

9'-0" CEILING HT.

STONE AS
SPECIFIED

1

FRONT ELEVATION

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



**SOUTH
DESIGNS**

P.O. Box 688
Wake Forest, NC 27588
(O) 919-556-2226
(F) 919-556-2228
www.southdesigns.com

Drawn By: **RWB**

Checked By: **RWB**

Date: **01-18-2021**

Revision No.	Revision Date

Designer Signature

This plan is the property of South Designs, Inc. and may not be used or reproduced without the expressed written consent of South Designs, Inc. These drawings are offered to the named client for a conditional one time use. The conditional use is limited to the lot or property as specified herein, and only for said location.

South Designs, Inc. assumes no liability for any home constructed from these plans. Contractor or builder shall verify all dimensions and conditions prior to construction. Caution must be exercised when making changes to these drawings. If changes are made to these drawings, contact South Designs.

Client:

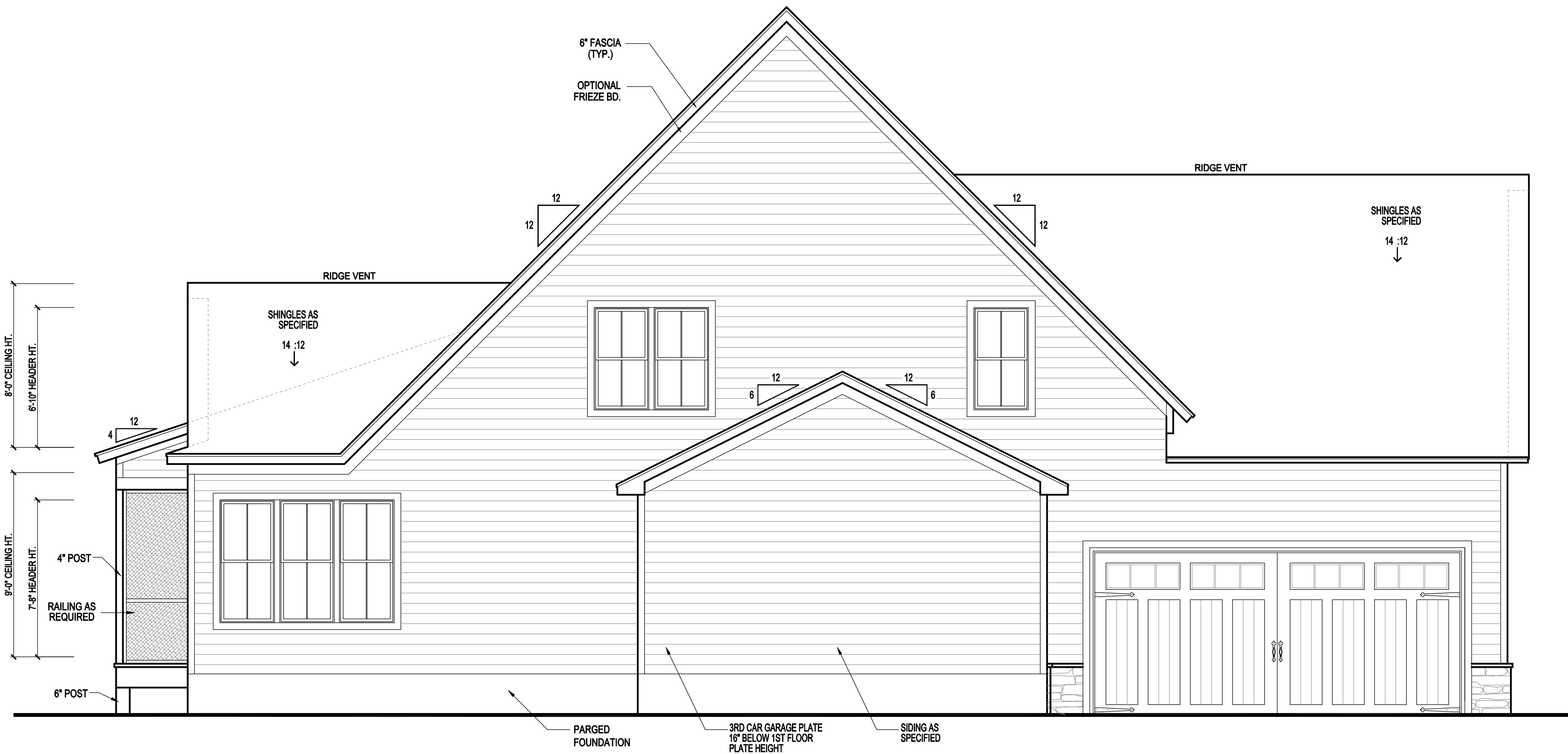
Title:

ELEVATIONS

Plan No.

EL-2

Sheet No. Of



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



**SOUTH
DESIGNS**

P.O. Box 688
Wake Forest, NC 27588
(O) 919-556-2226
(F) 919-556-2228
www.southdesigns.com

Drawn By: **RWB**

Checked By: **RWB**

Date: **01-18-2021**

Revision No.	Revision Date

Designer Signature

This plan is the property of South Designs, Inc. and may not be used or reproduced without the expressed written consent of South Designs, Inc. These drawings are offered to the named client for a conditional one time use. The conditional use is limited to the lot or property as specified herein, and only for said location.

South Designs, Inc. assumes no liability for any home constructed from these plans. Contractor or builder shall verify all dimensions and conditions prior to construction. Caution must be exercised when making changes to these drawings. If changes are made to these drawings, contact South Designs.

Client:

Title:

ELEVATIONS

Plan No.

EL-3

Sheet No. Of



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



**SOUTH
DESIGNS**

P.O. Box 688
Wake Forest, NC 27588
(O) 919-556-2226
(F) 919-556-2228
www.southdesigns.com

Drawn By: RWB

Checked By: RWB

Date: 01-18-2021

Revision No.	Revision Date

Designer Signature

This plan is the property of South Designs, Inc. and may not be used or reproduced without the expressed written consent of South Designs, Inc. These drawings are offered to the named client for a conditional one time use. The conditional use is limited to the lot or property as specified herein, and only for said location.

South Designs, Inc. assumes no liability for any home constructed from these plans. Contractor or builder shall verify all dimensions and conditions prior to construction. Caution must be exercised when making changes to these drawings. If changes are made to these drawings, contact South Designs.

Client:

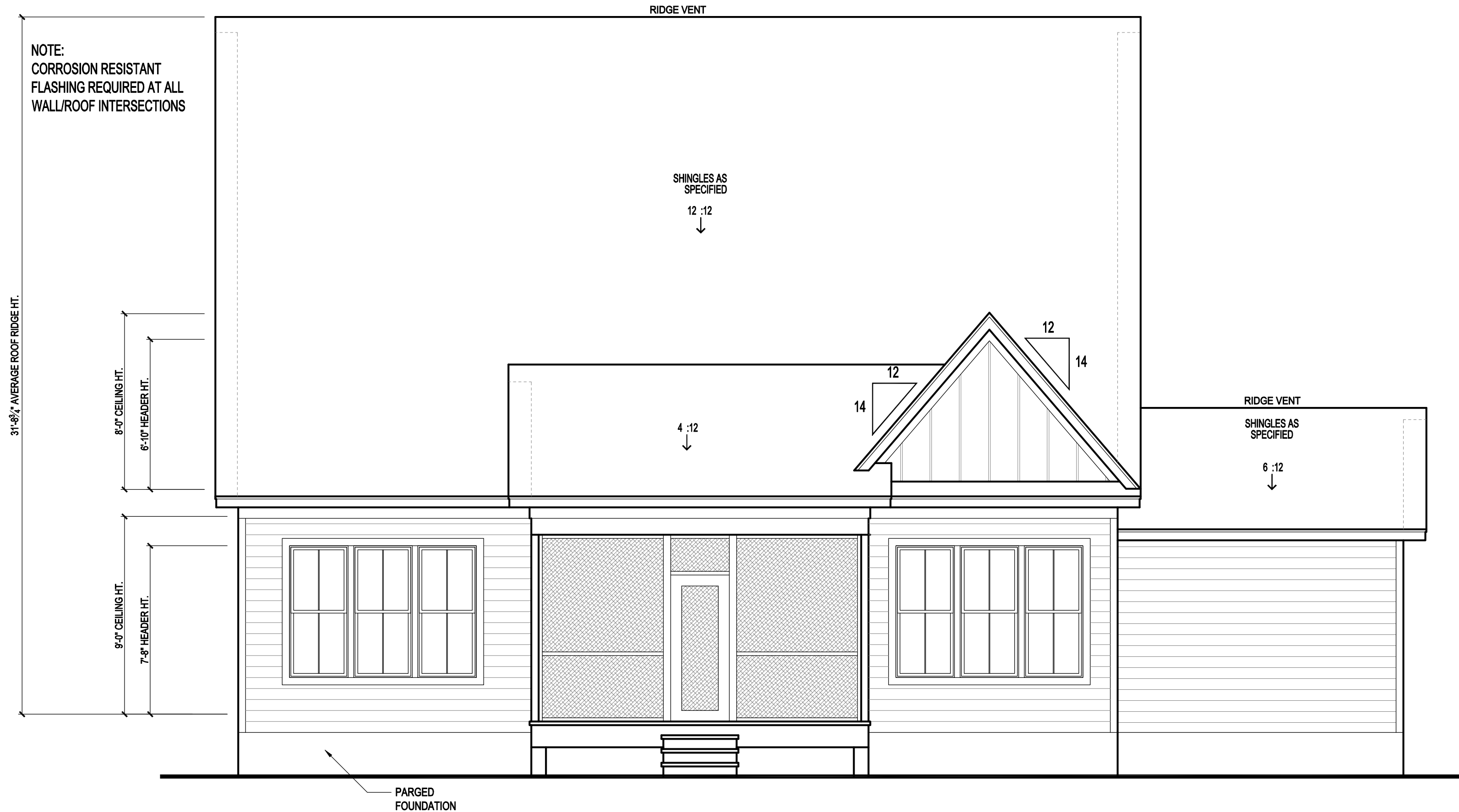
Title:

ELEVATIONS

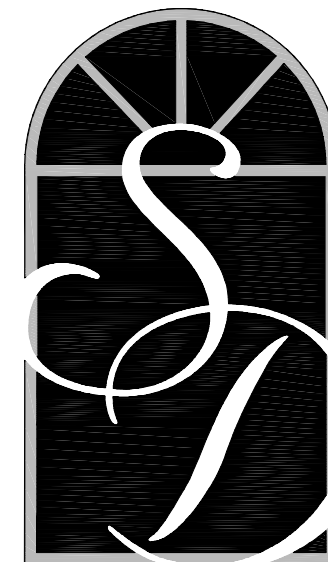
Plan No.

EL-4

Sheet No. Of



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



**SOUTH
DESIGNS**

P.O. Box 688
Wake Forest, NC 27588
(O) 919-556-2226
(F) 919-556-2228
www.southdesigns.com

Drawn By: RWB
Checked By: RWB
Date: 01-18-2021

Revision No.	Revision Date

Designer Signature

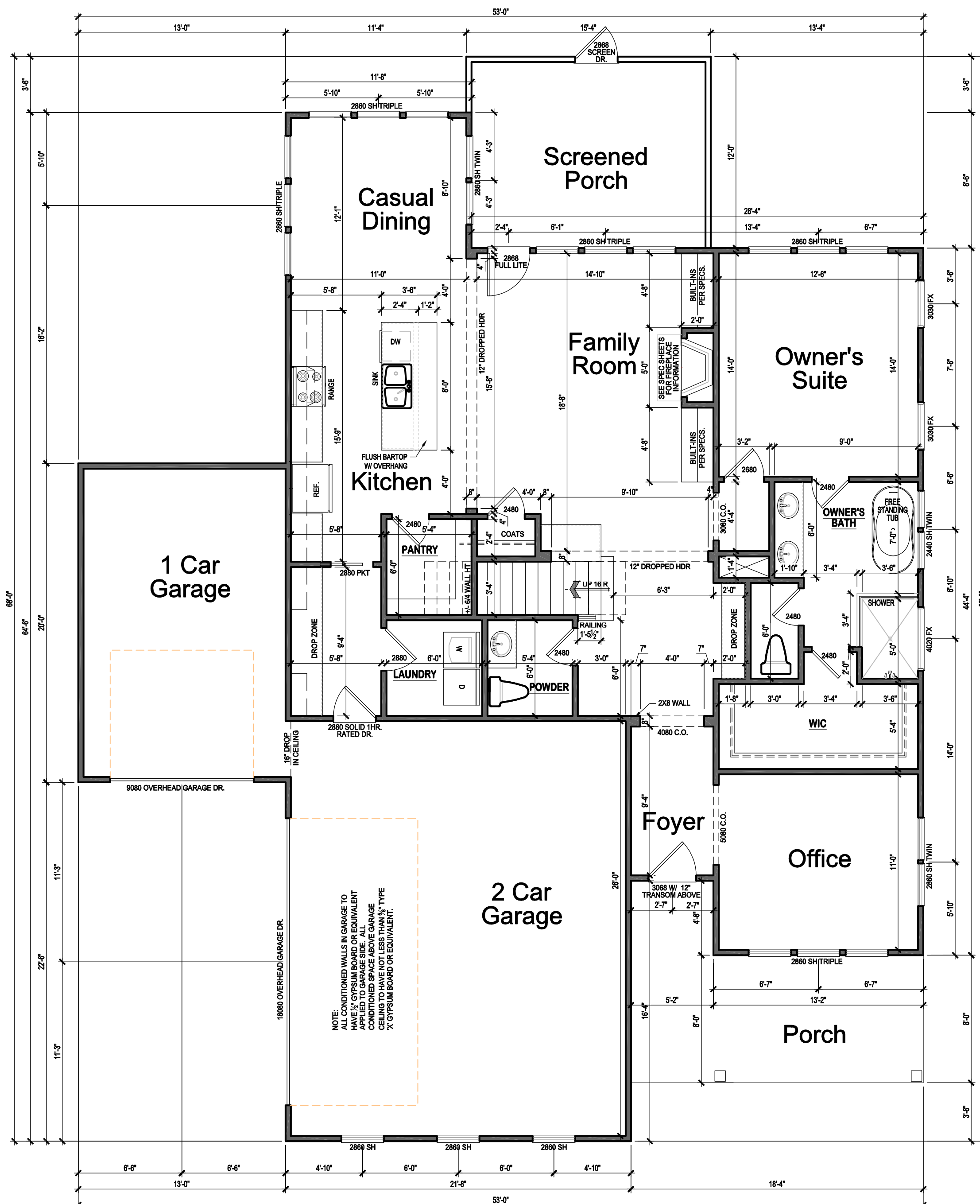
This plan is the property of South Designs, Inc. and may not be used or reproduced without the expressed written consent of South Designs, Inc. These drawings are offered to the named client for a conditional one time use. The conditional use is limited to the lot or property as specified herein, and only for said location.

South Designs, Inc. assumes no liability for any home constructed from these plans. Contractor or builder shall verify all dimensions and conditions prior to construction. Caution must be exercised when making changes to these drawings. If changes are made to these drawings, contact South Designs.

Client:

Title:
**FIRST FLOOR
PLAN**

Plan No.
A-1
Sheet No. Of



GENERAL NOTES

WALLS:
ALL WALLS ARE DRAWN 4" THICK U.N.O.
ANGLED WALL ARE DRAWN @45° U.N.O.

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

EGRESS:
ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH CONFORMS TO CURRENT LOCAL RESIDENTIAL BLDG CODE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY CHOSEN WINDOWS MEET EGRESS REQUIREMENTS AS MANUFACTURERS VARY.

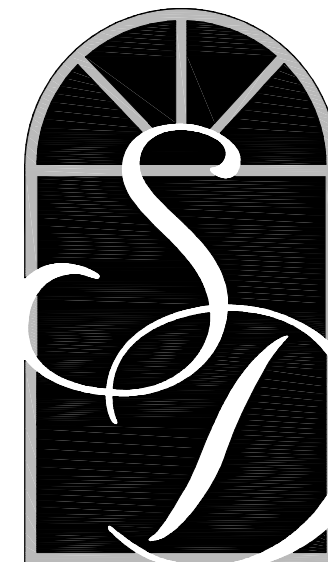
ATTIC ACCESS:
MIN. ATTIC ACCESS SHALL BE PROVIDED BY BUILDER AND LOCATED ON SITE.

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.

NOTE:
HANDRAILS SHALL BE PROVIDED ON AT LEAST ONE SIDE OF STAIR TREADS WITH 4, OR MORE RISERS. VERTICAL HT. OF HANDRAILS SHALL BE NOT LESS THAN 34" AND NO MORE THAN 38" PER NC 2018 RESIDENTIAL CODE SEC. R311.7.8

GUARDS ON ALL HANDRAILS SHALL BE PLACED SO THAT A SPHERE OF 4" CANNOT PASS THROUGH PER NC 2018 RESIDENTIAL CODE SEC. R312.1

1 FIRST FLOOR PLAN
SCALE: 3/16" = 1'-0"



**SOUTH
DESIGNS**

P.O. Box 688
Wake Forest, NC 27588
(O) 919-556-2226
(F) 919-556-2228
www.southdesigns.com

Drawn By: **RWB**

Checked By: **RWB**

Date: **01-18-2021**

Revision No.	Revision Date

Designer Signature

This plan is the property of South Designs, Inc. and may not be used or reproduced without the expressed written consent of South Designs, Inc. These drawings are offered to the named client for a conditional one time use. The conditional use is limited to the lot or property as specified herein, and only for said location.

South Designs, Inc. assumes no liability for any home constructed from these plans. Contractor or builder shall verify all dimensions and conditions prior to construction. Caution must be exercised when making changes to these drawings. If changes are made to these drawings, contact South Designs.

Client:

Title:

**SECOND FLOOR
PLAN**

Plan No.

A-2

Sheet No. Of

GENERAL NOTES

WALLS:
ALL WALLS ARE DRAWN 4" THICK U.N.O.
ANGLED WALL ARE DRAWN @45° U.N.O.

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

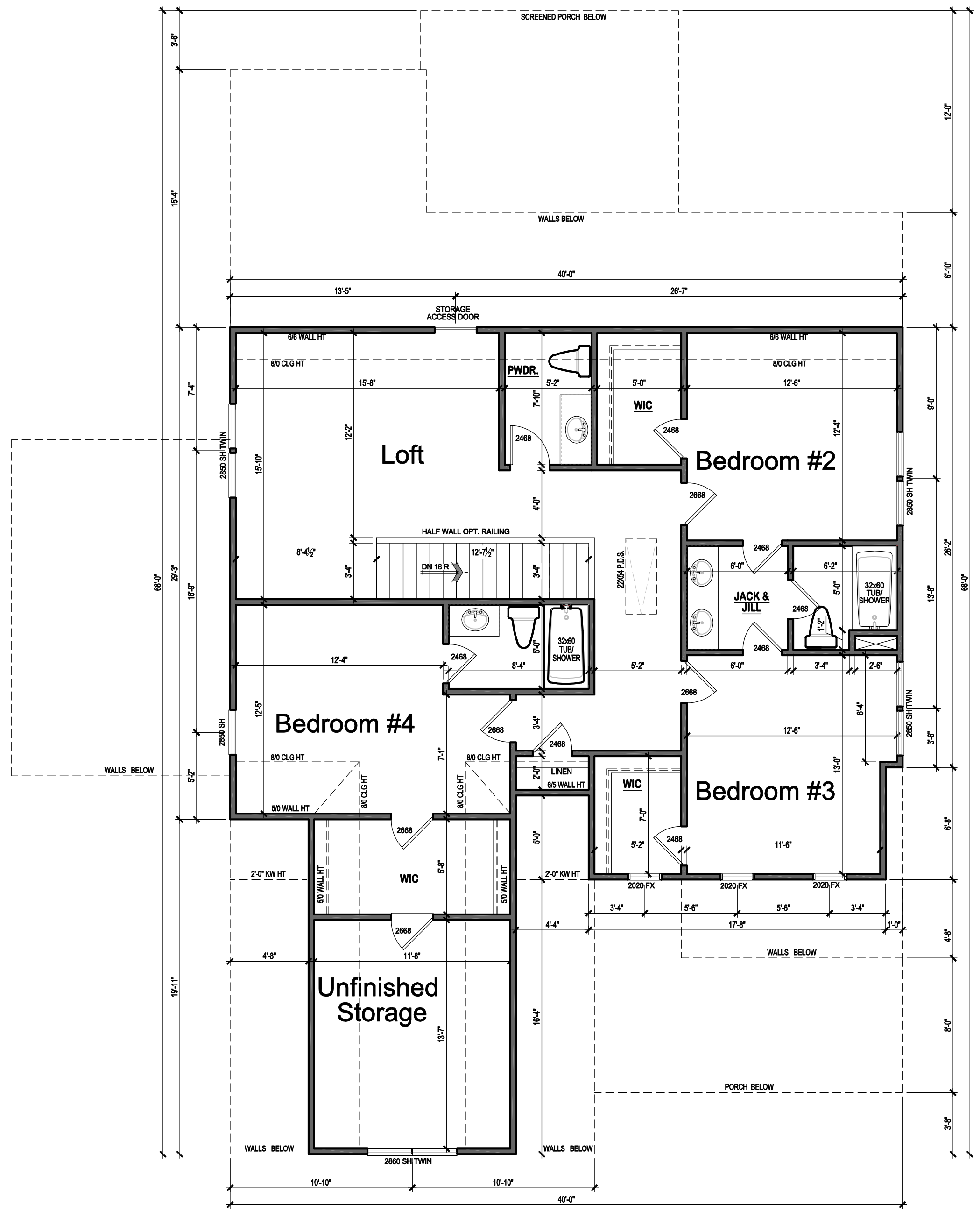
EGRESS:
ALL BEDROOMS MUST HAVE AT LEAST ONE WINDOW WHICH CONFORMS TO CURRENT LOCAL RESIDENTIAL BLDG CODE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY CHOSEN WINDOWS MEET EGRESS REQUIREMENTS AS MANUFACTURERS VARY.

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.

NOTE:
IF CLEAR OPENING OF THE OPERABLE PORTION OF A WINDOW IS MORE THAN 72" ABOVE GRADE, LOWEST PART OF OPENING MUST BE 24" ABOVE FLOOR UNLESS:

A. WINDOW IS FIXED UNIT
B. OPENING DOES NOT ALLOW PASSAGE 4" 4 SPHERE
C. WINDOW IS EQUIPPED WITH FALL PREVENTION DEVICE PER NCR 12.2 THROUGH R812.4
D. WINDOW IS EQUIPPED WITH AN APPROVED LIMITING DEVICE



2 SECOND FLOOR PLAN
SCALE: 3/16" = 1'-0"