

# PLAN 2 The Holly - LH 'ENGLISH COUNTRY' ELEVATION

Lot 119 Duncan's Creek  
54 Beacon Hill Road  
Lillington, NC 27546



ARCHITECTURAL DRAWINGS	
Sheet No.	Sheet Description
0.0	Cover Sheet
1.1	Foundation (Slab)
1.1.1	Foundation Options (Slab)
1.1.2	Foundation Options (Slab)
1.2	Foundation (Crawl)
1.2.1	Foundation Options (Crawl)
1.2.2	Foundation Options (Crawl)
1.3	Foundation (Stem Wall Slab)
1.3.1	Foundation Options (Stem Wall Slab)
1.3.2	Foundation Options (Stem Wall Slab)
2.1	First Floor Plan
2.1.1	First Floor Plan Options
2.2	Second Floor Plan
2.2.1	Second Floor Plan Options
2.4	Covered Porch Plans & Elevations (Slab)
2.4.1	Covered Porch Plans & Elevations (Crawl/Stem Wall)
2.5	Covered Porch w/ Extended Cafe Plans & Elevations (Slab)
2.5.1	Covered Porch w/ Extended Cafe Plans & Elevations (Crawl/ Stem Wall)
2.6	Extended Cafe Plans & Elevations (Slab)
2.6.1	Extended Cafe Plans & Elevations (Crawl/ Stem Wall)
2.7	2-Car Sideload Garage Plans
2.7.1	2-Car Sideload Garage Elevations
3.1	Front & Rear Elevations (Slab)
3.1.1	Front & Rear Elevations (Crawl/ Stem Wall)
3.2	Side Elevations (Slab)
3.2.1	Side Elevations (Crawl/ Stem Wall)
3.3	Roof Plan
5.1	First Floor Electrical
5.1.1	First Floor Options Electrical
5.2	Second Floor Electrical
5.2.1	Second Floor Options Electrical

**DESIGN CRITERIA:**

THIS PLAN IS TO BE BUILT IN CONFORMANCE WITH THE 2018 NORTH CAROLINA STATE BUILDING CODE: RESIDENTIAL CODE

DIMENSIONS SHALL GOVERN OVER SCALE, AND CODE SHALL GOVERN OVER DIMENSIONS.



**REVISION LOG**

REVISION:001 DATE: 11/22/2021

- ADJUST OPTION SQUARE FOOTAGES TO ACCURATELY SHOW THE DIFFERENCES FROM THE BASE PLAN SQUARE FOOTAGE TOTALS.

REVISION:002 DATE: 2/4/2022

- ADJUST OPTION SQUARE FOOTAGES TO ACCURATELY SHOW THE DIFFERENCES FROM THE BASE PLAN SQUARE FOOTAGE TOTALS.
- EXTENDED TRIM AT GARAGE DOOR DOWN TO BASE AND CUT STONE BACK
- ADJUSTED KITCHEN ISLAND
- RESIZED THE FIREPLACE OPTION
- RELOCATED THE WINDOW IN THE MESSY KITCHEN TO BEHIND THE OPT. SINK
- CHANGED MESSY KITCHEN WINDOW TO OPTIONAL
- ADDED CHASE TO OWNER'S WIC
- ADDED DIMS TO O. BATH VANITY FOR CLARIFICATION
- REMOVED OPT. DOOR TO LOFT
- ADDED CHASE TO LOFT WIC
- RELOCATED LINEN IN THE O. BATH OPTIONS
- REMOVED THE OPT. SUPER SHOWER (ZERO ENTRY)
- FLIPPED SMART DOOR DELIVERY DOOR HANDING
- CHANGED ALL LINEN CLOSETS TO HAVE ONLY 4 SHELVES
- CHANGED SIZE OF BASE SHOWER TO 60X36
- UPDATED OPTIONAL SQ. FTG. CHART
- REMOVED HALF WALLS AT KITCHEN ISLAND AND UPDATED PER CABINET PROVIDER
- EXTEND PORCH SLAB 4" AT FRONT AND EXTEND AROUND CORNER 20" TO SUPPORT STONE VENEER
- EXTEND PORCH SLAB 4" AROUND THE PERIMETER AT THE 'CRAFTSMAN' ELEVATION

REVISION:003 DATE: 3/30/2022

- EXTEND PORCH SLAB 4" AROUND THE PERIMETER AT THE 'CRAFTSMAN' ELEVATION
- ADDED A COLUMN DETAIL FOR CLARITY ON THE 'CRAFTSMAN' ELEVATION
- ADDED A SEPARATE OPTION FOR THE POCKET OFFICE WITH THE SMART DELIVERY DOOR
- ADDED ELECTRICAL PLAN SHEETS

REVISION:004 DATE: 6/20/2022

- ADD SIDE LOAD GARAGE.

REVISION:005 DATE: 7/22/2022

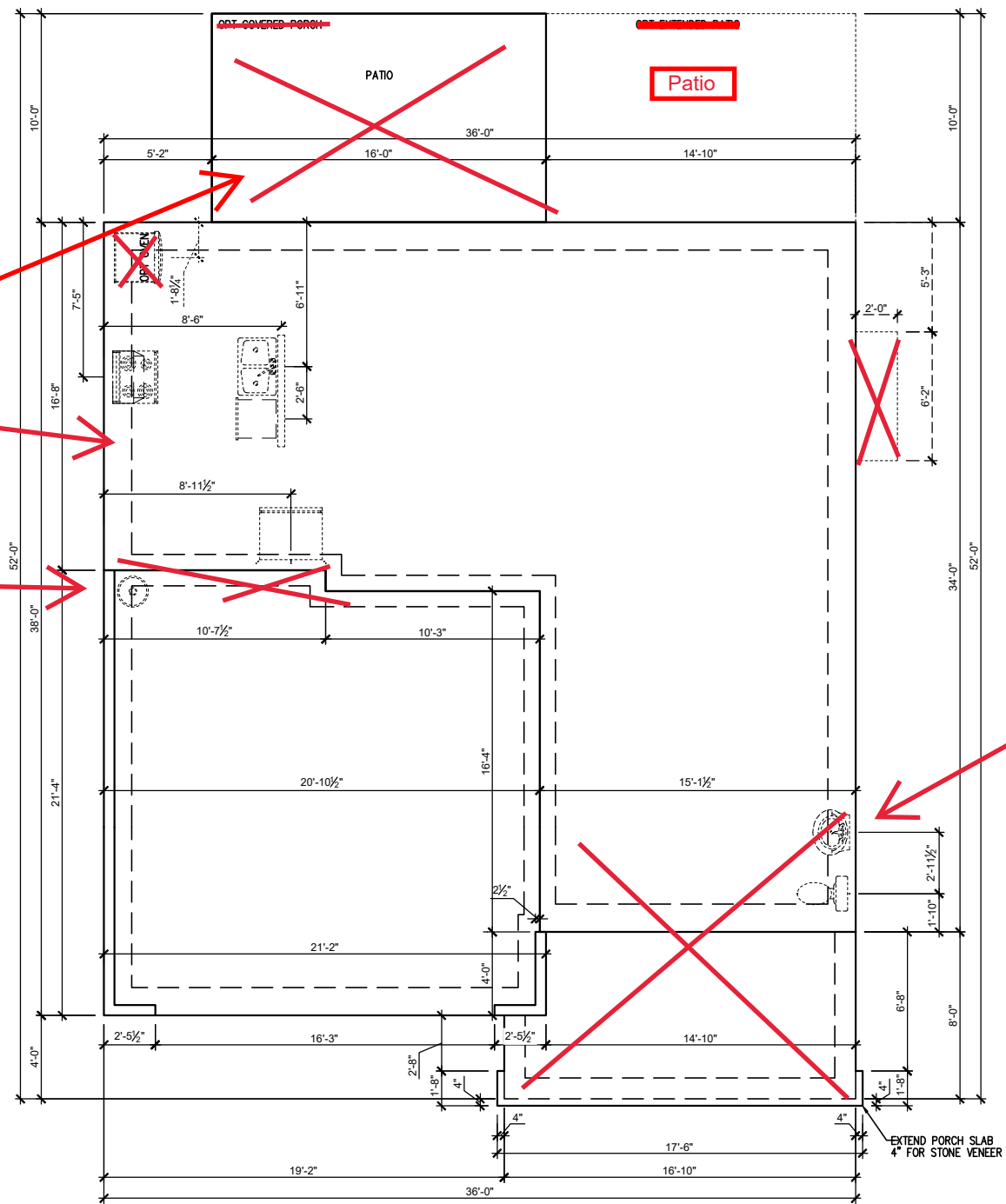
- ADD STEM WALL SLAB FOUNDATION SHEETS
- CORRECT OPTIONAL SMART DELIVERY DOOR LOCATION ON FOUNDATION PLANS TO MATCH FLOOR PLAN.

SQUARE FOOTAGE		
	ENGLISH COUNTRY	
	UNHEATED	HEATED
FIRST FLOOR	0	872
SECOND FLOOR	0	1337
FRONT PORCH	-127	0
2 CAR GARAGE	437	0
PATIO	-160	0
SUBTOTALS	724	2209
TOTAL UNDER ROOF	2933	
OPTIONS		
	UNHEATED S.F.	HEATED S.F.
EXTENDED PATIO	+148	0
COVERED PATIO	-160	0
EXTENDED CAFE	0	+152
REAR POCKET OFFICE	0	+60
FRONT POCKET OFFICE	0	+39
FRONT PORCH W/ FRONT POCKET OFFICE	142	0
FRONT POCKET OFFICE W/ SMART DOOR	0	+61

DATE	DESCRIPTION	REV. #
11/22/2021	REFER TO COVER SHEET	1
2/4/2022	REFER TO COVER SHEET	2
3/30/2022	REFER TO COVER SHEET	3
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PLAN 2 - THE HOLLY - LH  
Cover Sheet 'English Country'

DRAWN BY:  
South Designs  
ISSUE DATE:  
7/1/2021  
CURRENT REVISION DATE:  
—  
SCALE:  
1/8" = 1'-0"  
SHEET  
0.0c



Opt. Extended Cafe'  
see Page 1.1.1c

No jog in rear wall  
Opt. Extended Cafe'  
see Page 1.1.1c

Opt Smart Door Delivery  
see Page 1.1.1c

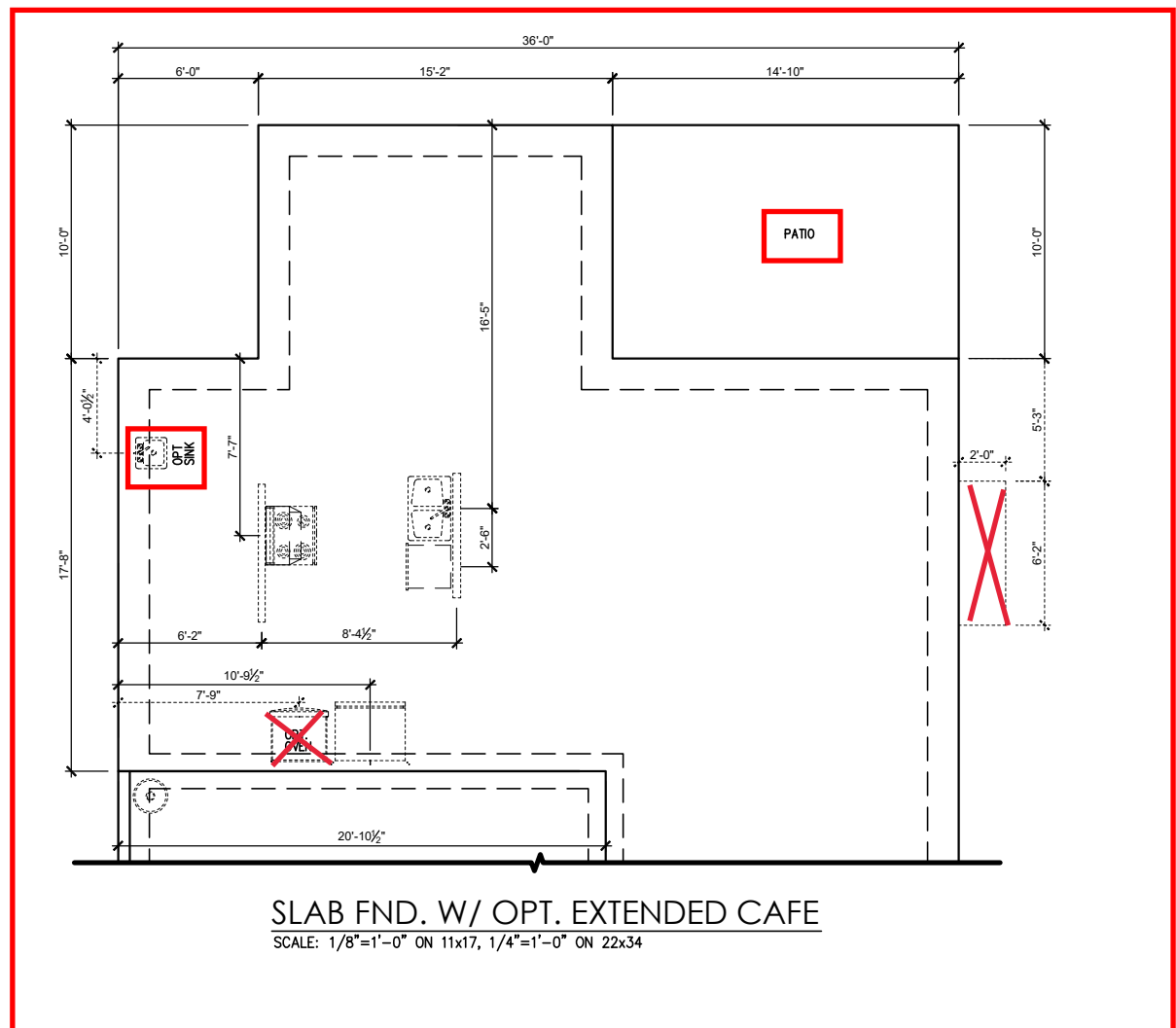
**SLAB FOUNDATION PLAN 'ENGLISH COUNTRY'**  
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

REV. #	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/22/2021
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3	REFER TO COVER SHEET	3/30/2022
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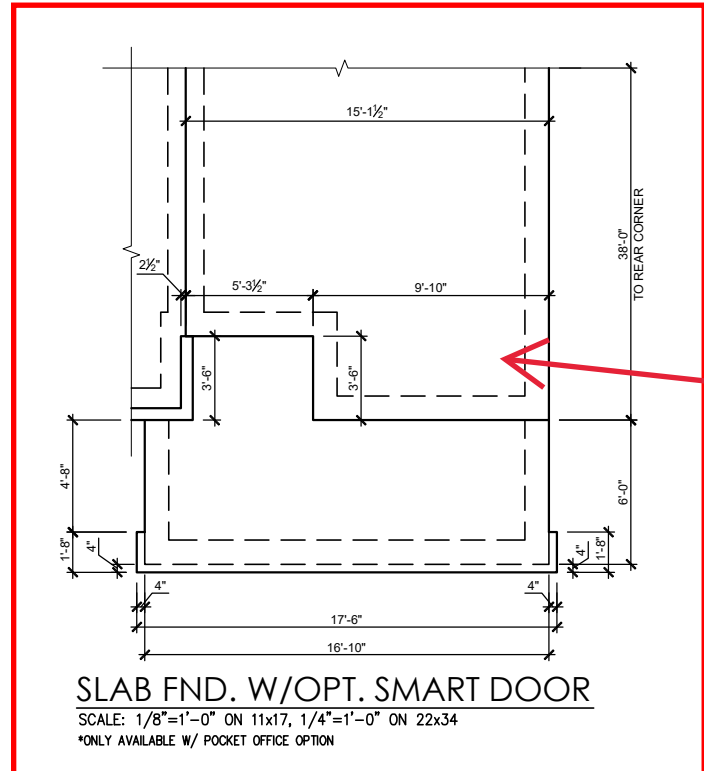
**PLAN 2 - THE HOLLY - LH**  
Foundation Slab 'English Country'

DRAWN BY:  
South Designs  
ISSUE DATE:  
7/1/2021  
CURRENT REVISION DATE:  
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SCALE:  
1/8" = 1'-0"  
SHEET  
**1.1c**



**SLAB FND. W/ OPT. EXTENDED CAFE**  
 SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



**SLAB FND. W/OPT. SMART DOOR**  
 SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34  
 \*ONLY AVAILABLE W/ POCKET OFFICE OPTION

with Opt Pocket Office too

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**PLAN 2 - THE HOLLY - LH**  
 Foundation Slab Options 'English Country'

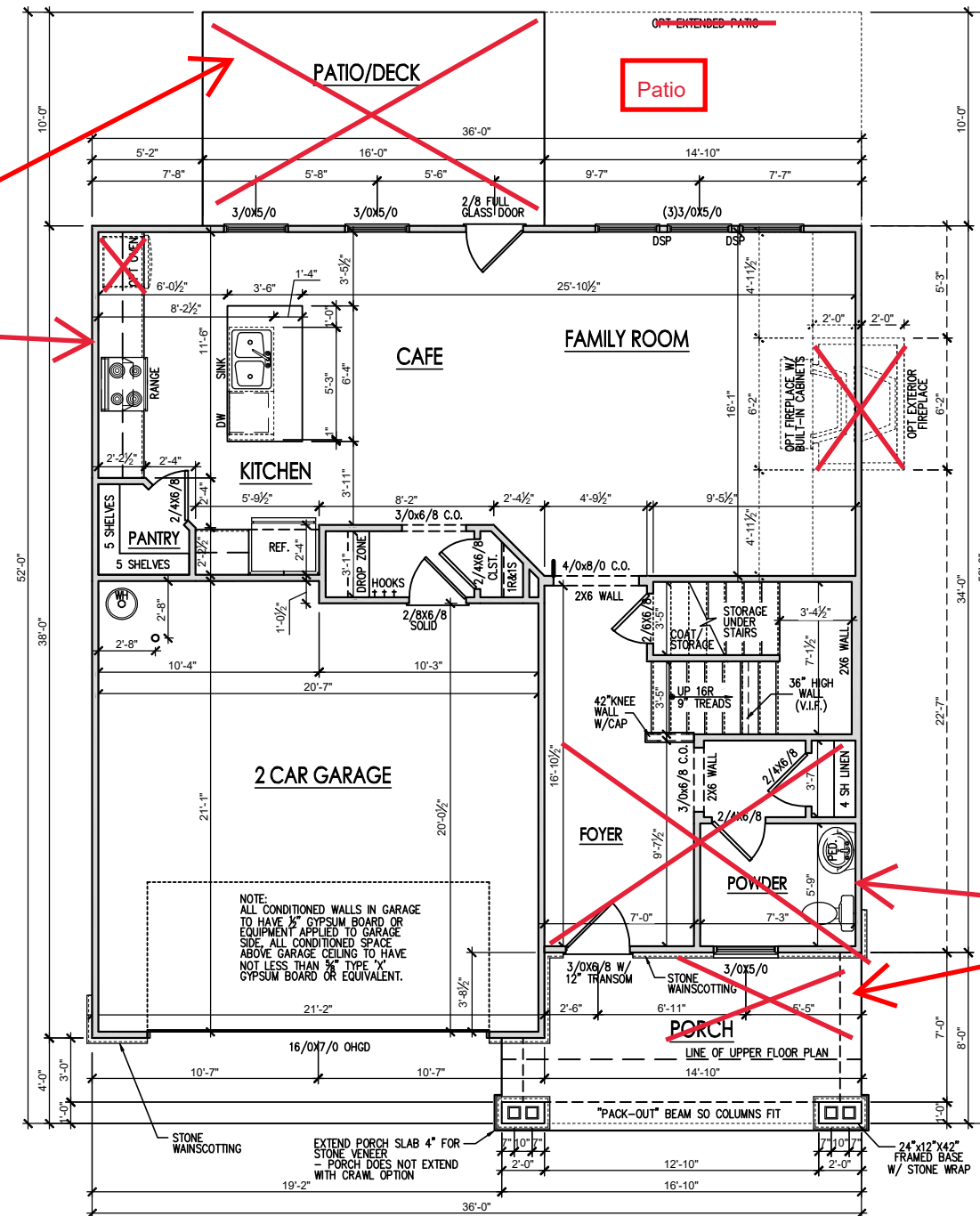
DRAWN BY:  
South Designs  
 ISSUE DATE:  
7/1/2021  
 CURRENT REVISION DATE:  
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 SCALE:  
1/8" = 1'-0"

**General Floor Plan Notes**

General Floor Plan Notes shall apply unless noted otherwise on plan.

1. Wall Heights: Typically 9'-1 1/2" at first floor and 8'-1 1/2" at second floor and attics U.N.O. All walls are constructed using a double top plate. Splices at Double Top Plate do not need to occur at Vertical Studs but must be at least 24" apart from Joint in other Top Plate layer. Special wall heights are noted on plans where they occur.
2. Wall Thickness is typically 3 1/2". 2x6 frame shall be used at walls that back up to plumbing fixtures. Walls greater than 10' high shall be framed with 2x6 framing or greater and will be noted as a special condition where it occurs on plan.
3. Typical header height shall be 6'-11" AFF at First Floor, and 6'-11" AFF at Second Floor U.N.O. on elevation drawings. Windows at front elevation may be higher at the first floor.
4. Jacks: Openings up to 3'-4" wide shall have (1) 2x4 jack stud SPF on each side. Openings greater than 3'-4" wide shall have (2) 2x4 jack studs SPF on each side.
5. Soffits, Coffered Ceilings, Tray Ceilings and other significant ceiling plan elements are shown on the floor plans and are denoted as single dashed lines. Unless specifically call out as Included, Kitchens **do not** include soffits over wall cabinetry.
6. Door & Window Frames, where occurring near corners, shall be a minimum of 4 1/2" from corner. Except for walk-in closets with doors near a corner, doors at closets shall be centered on closet.
7. Windows: Shall have at least (1) window in each sleeping room, that meets egress. Shall be provided with tempered glass at hazardous glazing areas. False windows shall be installed with obscure glazing.
8. Closets for clothing or coat storage shall be equipped with 1 rod/shelf. Closets for linen shall have 4 open equal shelves. Closets for pantries shall have 4 equal wood shelves, painted.
9. Stair treads shall be a min of 9" deep, risers shall be a maximum of 8 1/4", unless noted otherwise, per the current North Carolina Residential Code
10. Handrails and Guards at stairs shall be 34" above the finished surface of the ramp surface of the stair. Handrails at landings and overlooks of multilevel spaces shall be 36" above finished floor. Guards (pickets or balusters) shall be spaced with no more than 4" between guards.
11. Attic Access shall be provided at all attic area with a height greater than 30". Minimum clear attic access shall be 20" x 30". Pull down stairs and access doors in knee walls meeting minimum criteria are also acceptable.
12. Garage Door to Living Space shall be 2'-8" x 6'-8" minimum size and shall be 20 minute fire rated and weather sealed.
13. Garage Walls, as a minimum, shall be separated from living space by installing 1/2" gypsum board on the garage side of the wall. With habitable space above, the inside of all garage walls require 1/2" GWB supporting 5/8" type X GWB on ceiling.

Opt Extended Cafe' see Page 2.1.1c



Opt Smart Door Delivery w/ Pocket Office see Page 2.1.1c

**FIRST FLOOR PLAN 'ENGLISH COUNTRY'**  
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

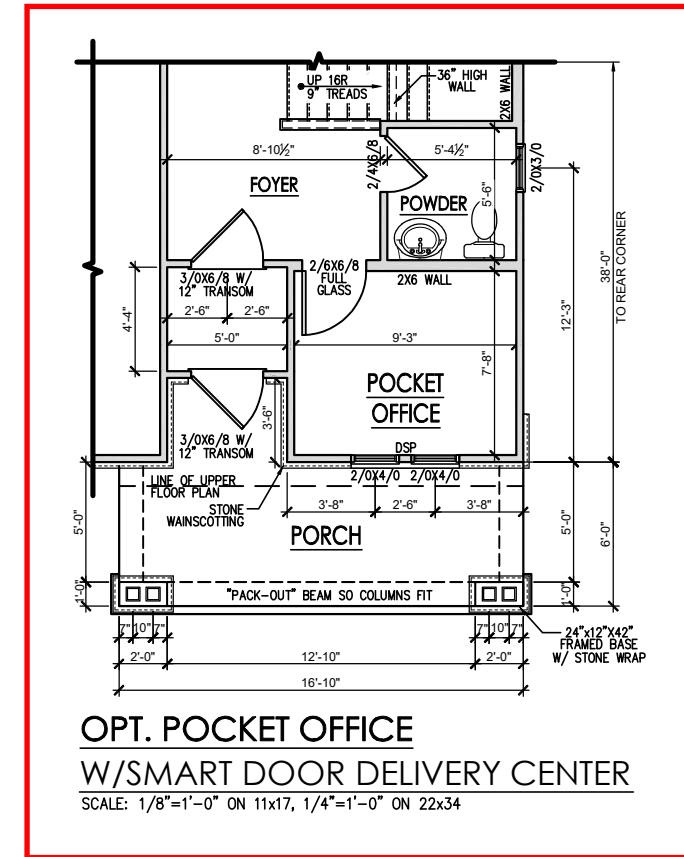
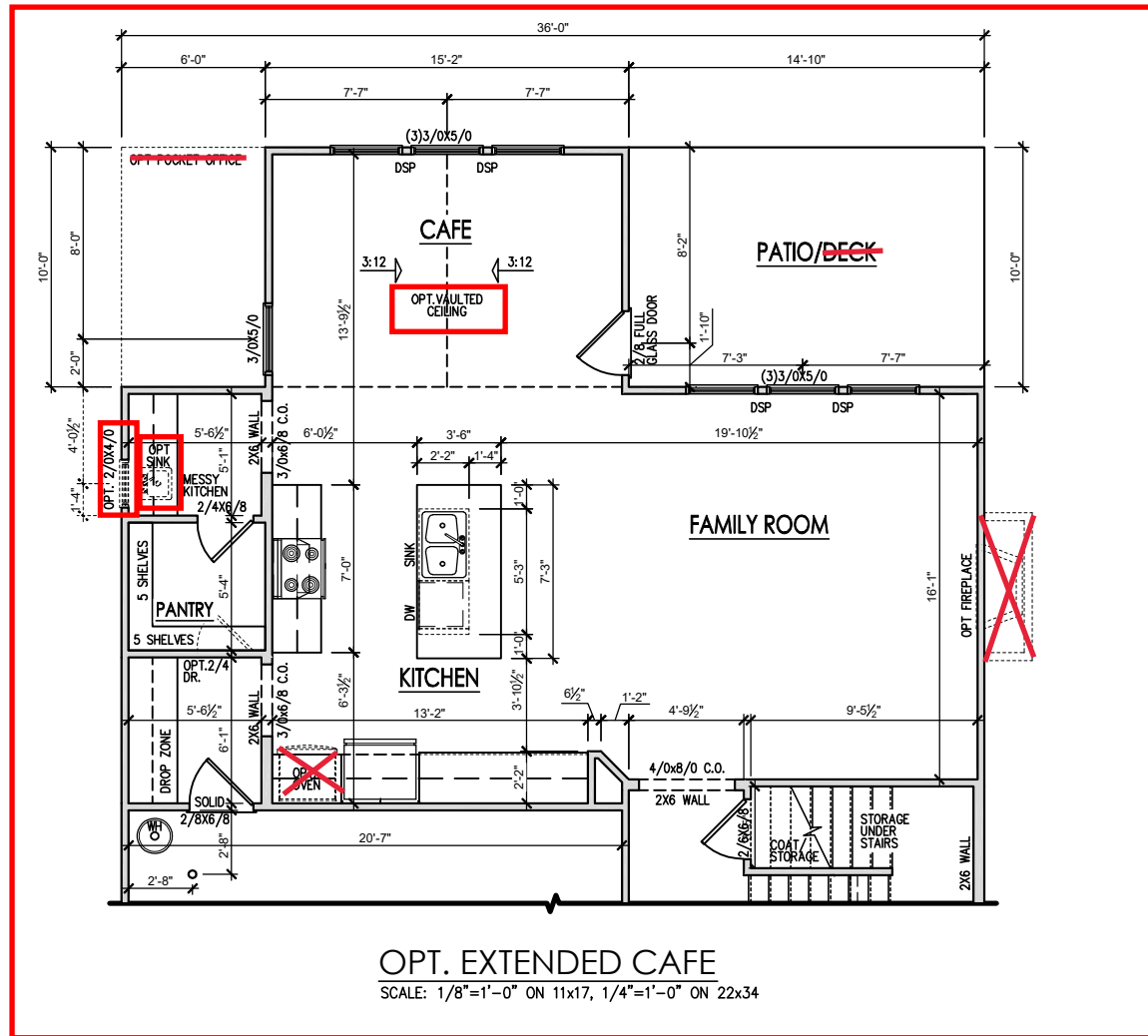
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DRAWN BY: South Designs  
ISSUE DATE: 7/1/2021  
CURRENT REVISION DATE: ---  
SCALE: 1/8" = 1'-0"  
SHEET **2.1c**

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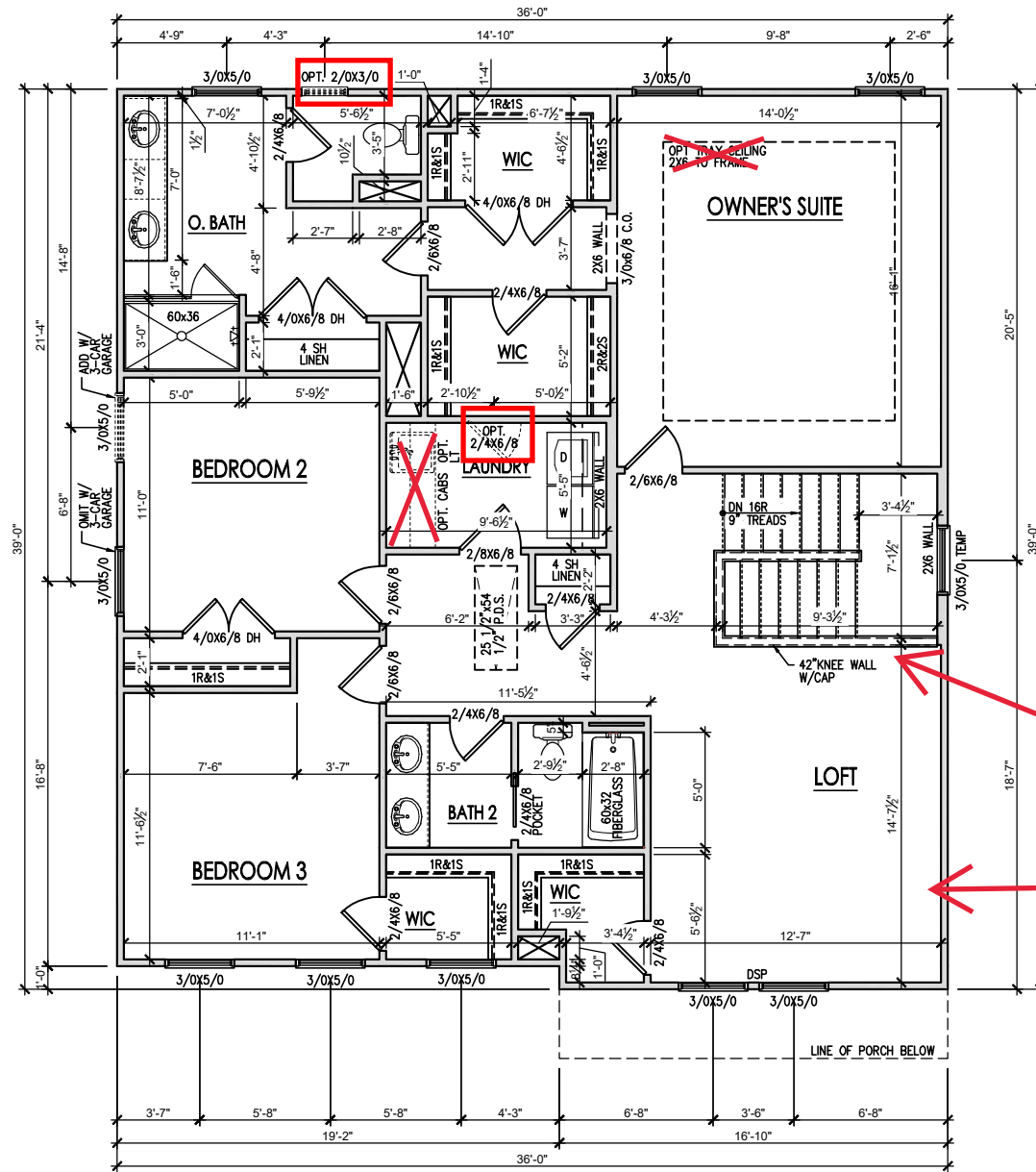
**PLAN 2 - THE HOLLY - LH**  
First Floor Plan Options 'English Country'

DRAWN BY:  
South Designs  
ISSUE DATE:  
7/1/2021  
CURRENT REVISION DATE:  
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SCALE:  
1/8" = 1'-0"

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**SECOND FLOOR PLAN 'ENGLISH COUNTRY'**  
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

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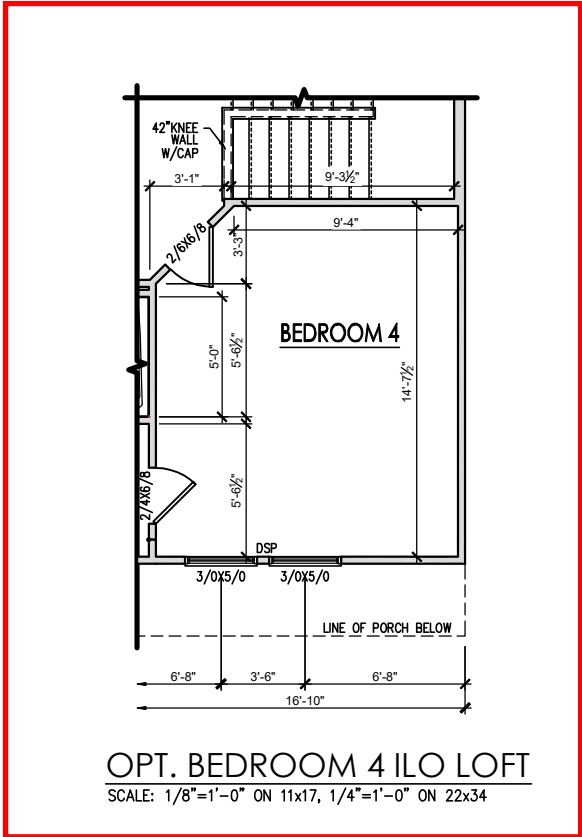
**PLAN 2 - THE HOLLY - LH**  
Second Floor Plan 'English Country'

DRAWN BY:  
South Designs  
ISSUE DATE:  
7/1/2021  
CURRENT REVISION DATE:  
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SCALE:  
1/8" = 1'-0"

**General Floor Plan Notes**

General Floor Plan Notes shall apply unless noted otherwise on plan.

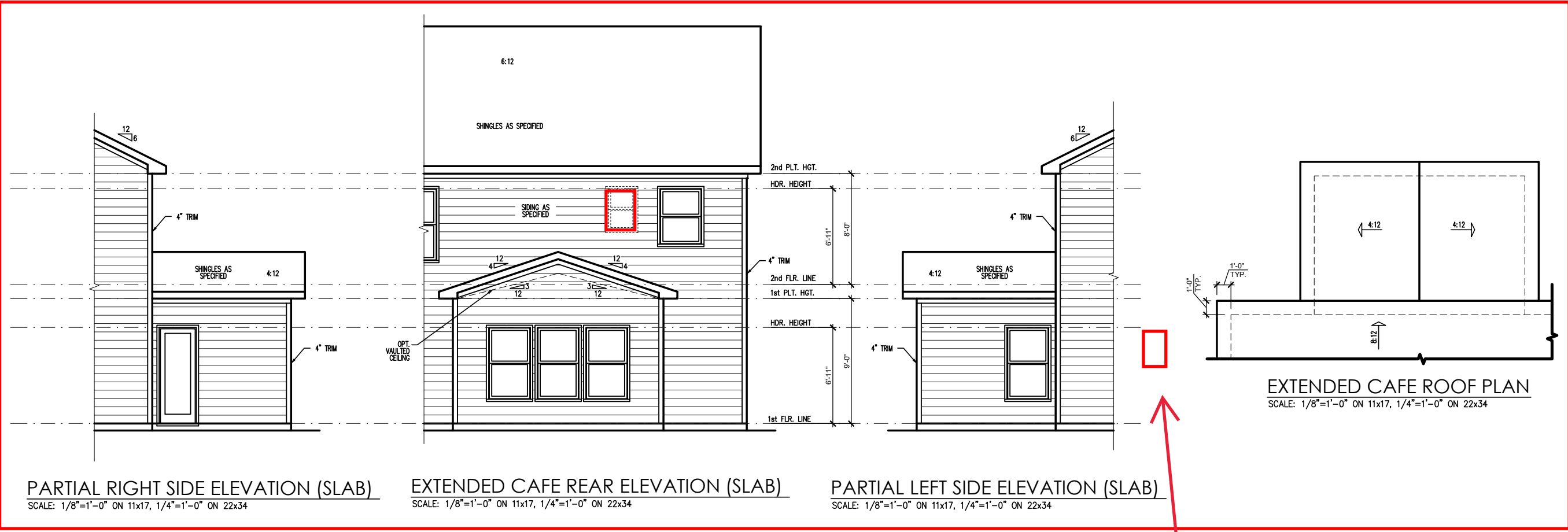
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**PLAN 2 - THE HOLLY - LH**  
 Second Floor Plan Options 'English Country'

DRAWN BY:  
South Designs  
 ISSUE DATE:  
7/1/2021  
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 SCALE:  
1/8" = 1'-0"



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**PLAN 2 - THE HOLLY - LH**  
Extended Cafe Plans & Elevations 'English Country' Slab

DRAWN BY:  
South Designs

ISSUE DATE:  
7/1/2021

CURRENT REVISION DATE:  
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SCALE:  
1/8" = 1'-0"

SHEET  
**2.6c**



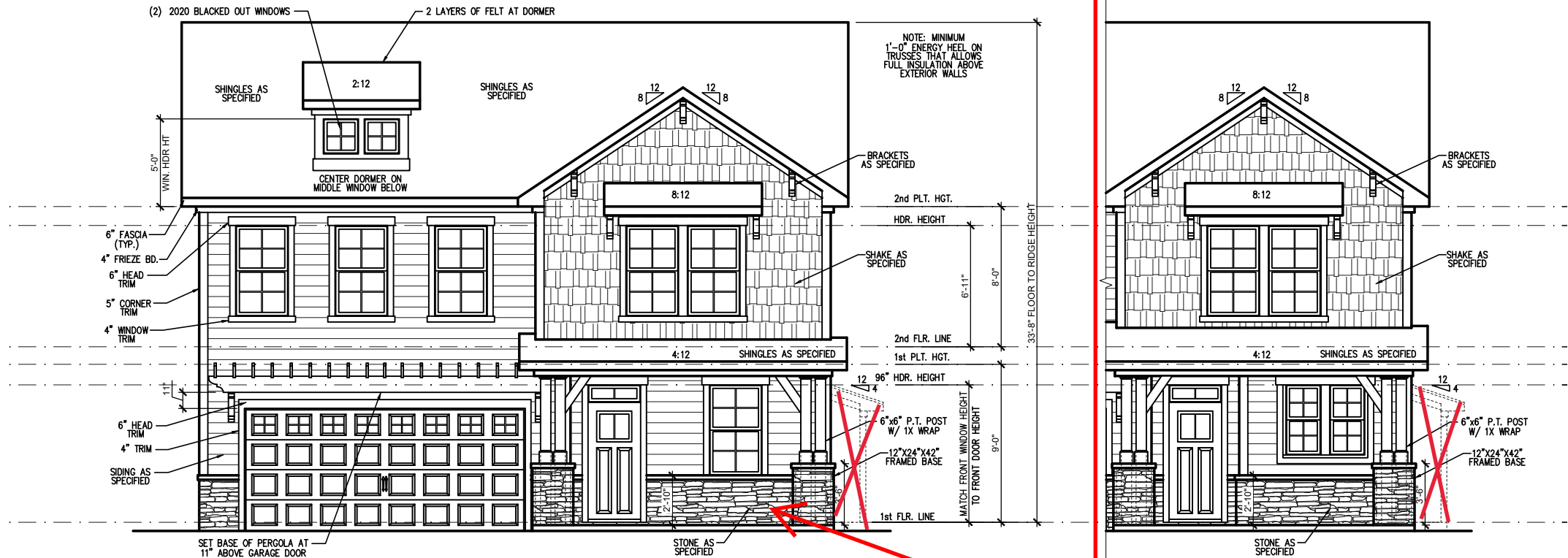
**General Elevation Notes**

General Elevation Notes shall apply unless noted otherwise on plan.

1. Roof shall be finished with architectural composition shingles with slopes as noted on plan.
2. Ridge Vent shall be provided and installed on all ridges greater than 6' in length per manufacturer's specifications.
3. Soffit Vent shall be continuous soffit vent
4. House Wrap, "tyvek" or approved equal shall be installed over entire exterior wall per manufacturer's specifications and recommendations.
5. Flashing shall be provided above all door and window openings, above finish wall material changes and at wall surfaces where lower roof areas abut vertical wall surfaces.
6. Porch Railings shall be provided at all porch walking surfaces greater than 30" above adjacent finished grade. It shall be 36" high with guards spaced no more than 4" apart. Consult community specifications for material.
7. Finish Wall Material shall be as noted on elevation drawings.
8. Brick Veneer, if included on elevation shall be tied to wall surface with galvanized corrugated metal ties at a rate of 24" oc horizontally and 16" oc vertically so that no more than 2.67sf of brick is supported by (1) tie. Space between face of wall and back face of brick shall be limited to a maximum of 1". Flashing shall be provided behind brick above all wall openings and at base of brick wall. Flashing shall be a minimum of 4-mil poly or other corrosion resistant material and shall be installed so that it laps under the house wrap material a minimum of 2". Weepholes shall be provided at a rate of 48" oc and shall not be less than 3/16" in diameter and shall be located immediately above flashing.
9. Brick Veneer Support Lintels shall be provided if brick veneer is included on elevation. Lintels shall be provided as listed in the following schedule and shall have a minimum bearing length of 6". Masonry Lintels shall be provided so that deflection is limited to L/600.

**Masonry Opening Lintel Schedule**

Opening Size	Angle
up to 4'-0"	3-1/2" x 3-1/2" x 5/16"
4'-1" to 5'-6"	4" x 3-1/2" x 5/16" LLV
5'-7" to 6'-6"	5" x 3-1/2" x 5/16" LLV
6'-7" to 8'-4"	6" x 3-1/2" x 5/16" LLV
8'-5" to 16'-4"	7" x 4" x 3/8" LLV



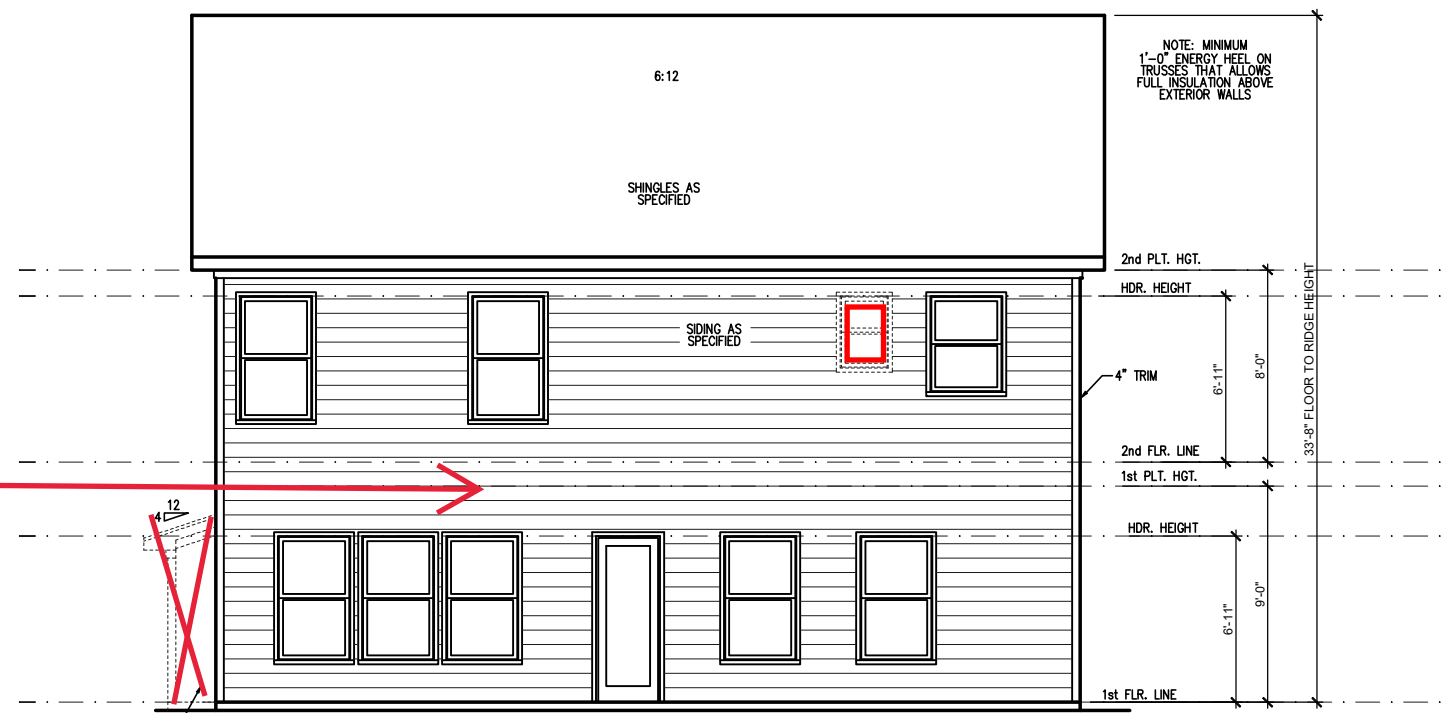
**FRONT ELEVATION 'ENGLISH COUNTRY' (SLAB)**

SCALE: 1/4" = 1'-0" ON 22x34, 1/8" = 1'-0" ON 11x17

**OPT. POCKET OFFICE**

SCALE: 1/4" = 1'-0" ON 22x34, 1/8" = 1'-0" ON 11x17

see Extended Cafe' Rear Elevation Page 2.6c



**REAR ELEVATION 'ENGLISH COUNTRY' (SLAB)**

SCALE: 1/4" = 1'-0" ON 22x34, 1/8" = 1'-0" ON 11x17

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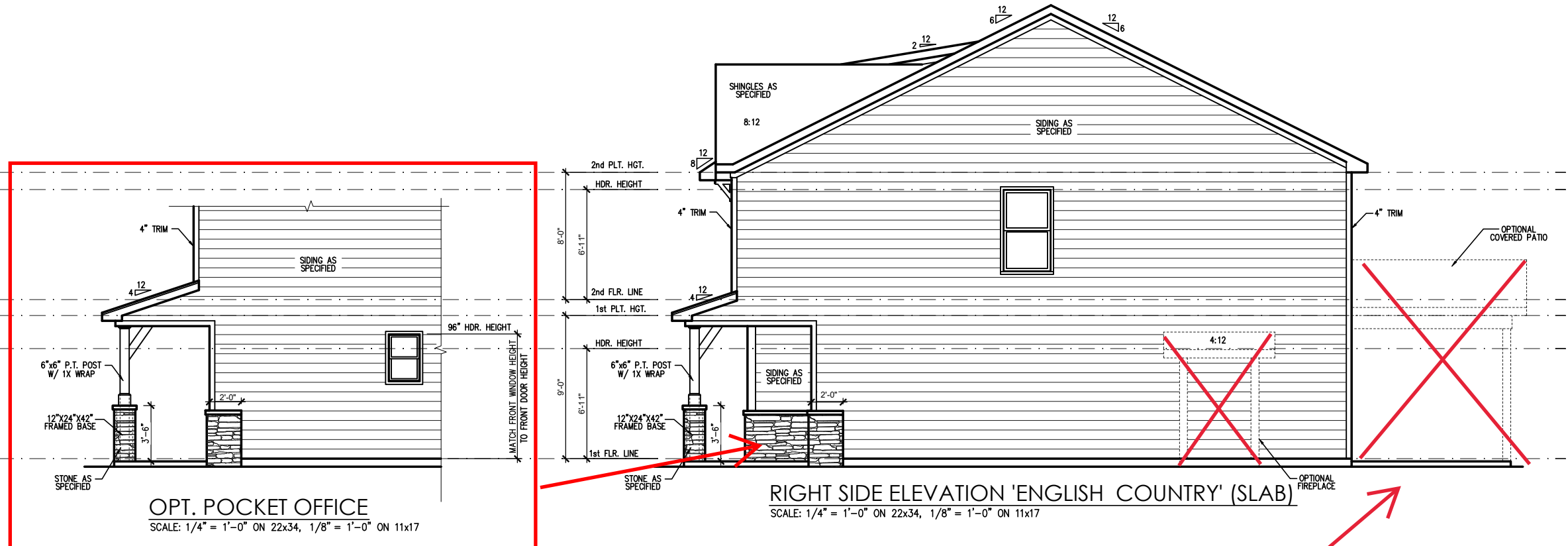
**General Elevation Notes**

General Elevation Notes shall apply unless noted otherwise on plan.

1. Roof shall be finished with architectural composition shingles with slopes as noted on plan.
2. Ridge Vent shall be provided and installed on all ridges greater than 6' in length per manufacturer's specifications.
3. Soffit Vent shall be continuous soffit vent
4. House Wrap, "Tyvek" or approved equal shall be installed over entire exterior wall per manufacturer's specifications and recommendations.
5. Flashing shall be provided above all door and window openings, above finish wall material changes and at wall surfaces where lower roof areas abut vertical wall surfaces.
6. Porch Railings shall be provided at all porch walking surfaces greater than 30" above adjacent finished grade. If shall be 36" high with guards spaced no more than 4" apart. Consult community specifications for material.
7. Finish Wall Material shall be as noted on elevation drawings.
8. Brick Veneer, if included on elevation shall be tied to wall surface with galvanized corrugated metal ties at a rate of 24" oc horizontally and 16" oc vertically so that no more than 2.67sf of brick is supported by (1) tie. Space between face of wall and back face of brick shall be limited to a maximum of 1". Flashing shall be provided behind brick above all wall openings and at base of brick wall. Flashing shall be a minimum of 6-mil poly or other corrosion resistant material and shall be installed so that it laps under the house wrap material a minimum of 2". Weepholes shall be provided at a rate of 48" oc and shall not be less than 3/16" in diameter and shall be located immediately above flashing.
9. Brick Veneer Support Lintels shall be provided if brick veneer is included on elevation. Lintels shall be provided as listed in the following schedule and shall have a minimum bearing length of 6". Masonry Lintels shall be provided so that deflection is limited to 1/600.

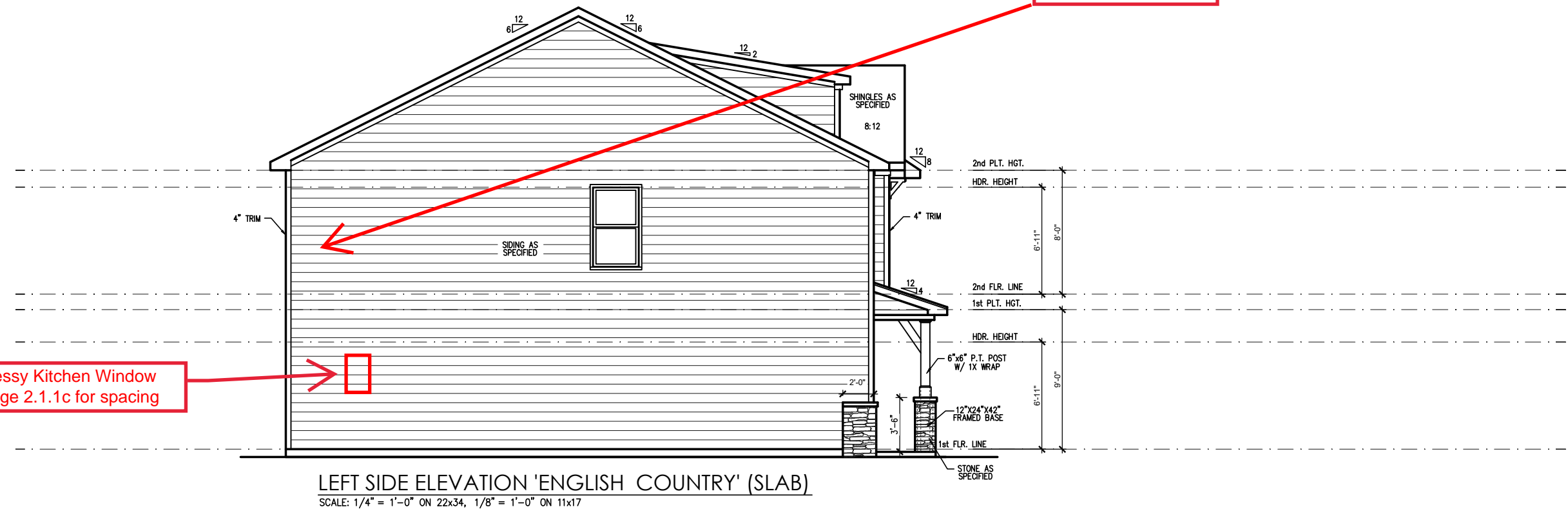
**Masonry Opening Lintel Schedule**

Opening Size	Angle
up to 4'-0"	3-1/2" x 3-1/2" x 5/16"
4'-1" to 5'-6"	4" x 3-1/2" x 5/16" LLV
5'-7" to 6'-6"	5" x 3-1/2" x 5/16" LLV
6'-7" to 8'-4"	6" x 3-1/2" x 5/16" LLV
8'-5" to 16'-4"	7" x 4" x 3/8" LLV



Opt Messy Kitchen Window see Page 2.1.1c for spacing

For Side Elevations see Page 2.6c



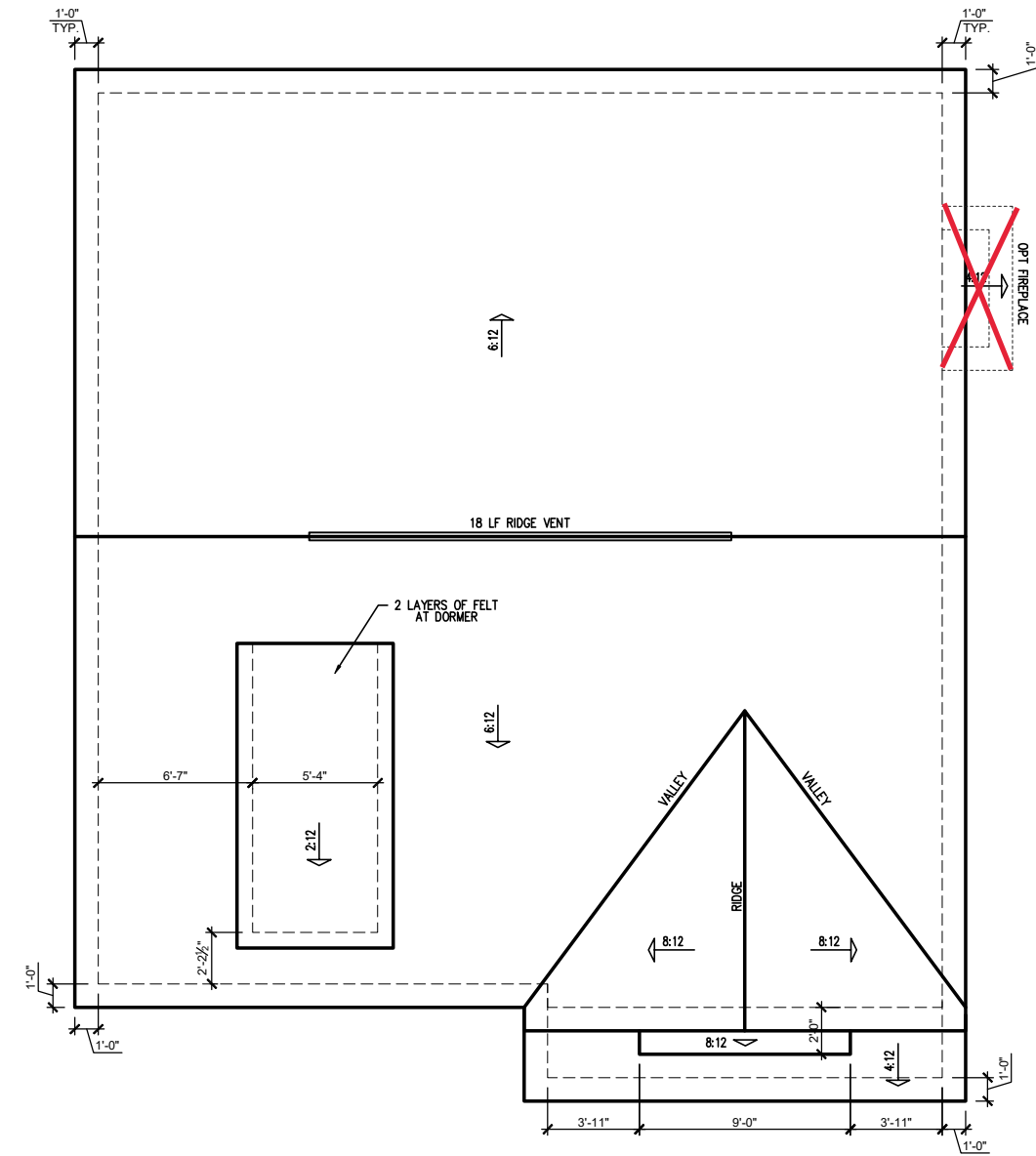
REV. #	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/22/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	3/30/2022
4		
5		
6		
7		
8		

**PLAN 2 - THE HOLLY - LH**  
Side Elevations 'English Country' Slab

DRAWN BY:  
South Designs  
ISSUE DATE:  
7/1/2021  
CURRENT REVISION DATE:  
—  
SCALE:  
1/8" = 1'-0"  
SHEET  
**3.2c**

ATTIC VENT SCHEDULE								
ENGLISH COUNTRY								
MAIN HOUSE		SQ. FTG	1393	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. IN. EACH)	CONT. VENT (SQ. IN. PER LF)
RIDGE VENT	1.86	2.32	3.00	44.44	0	0	24.00	
SOFTI VENTS	2.79	2.32	3.75	55.56			0	60.00
TOTAL (MIN)	4.64	4.64	6.75	100.00	POT VENTS MAY BE REQUIRED IF THERE IS INSUFFICIENT RIDGE AVAILABLE			

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

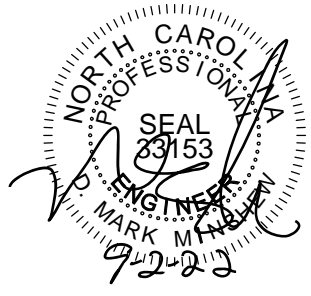


**ENGLISH COUNTRY ROOF PLAN**  
SCALE: 1/4" = 1'-0" ON 22x34, 1/8" = 1'-0" ON 11x17

REV. #	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/22/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	3/30/2022
4	---	---
5	---	---
6	---	---
7	---	---
8	---	---

**PLAN 2 - THE HOLLY - LH**  
Roof Plan 'English Country'

DRAWN BY:  
South Designs  
ISSUE DATE:  
7/1/2021  
CURRENT REVISION DATE:  
---  
SCALE:  
1/8" = 1'-0"  
SHEET  
**3.3c**



**PROJECT #**  
21-2816-LH

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License: C-4772  
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**SOUTH DESIGNS**

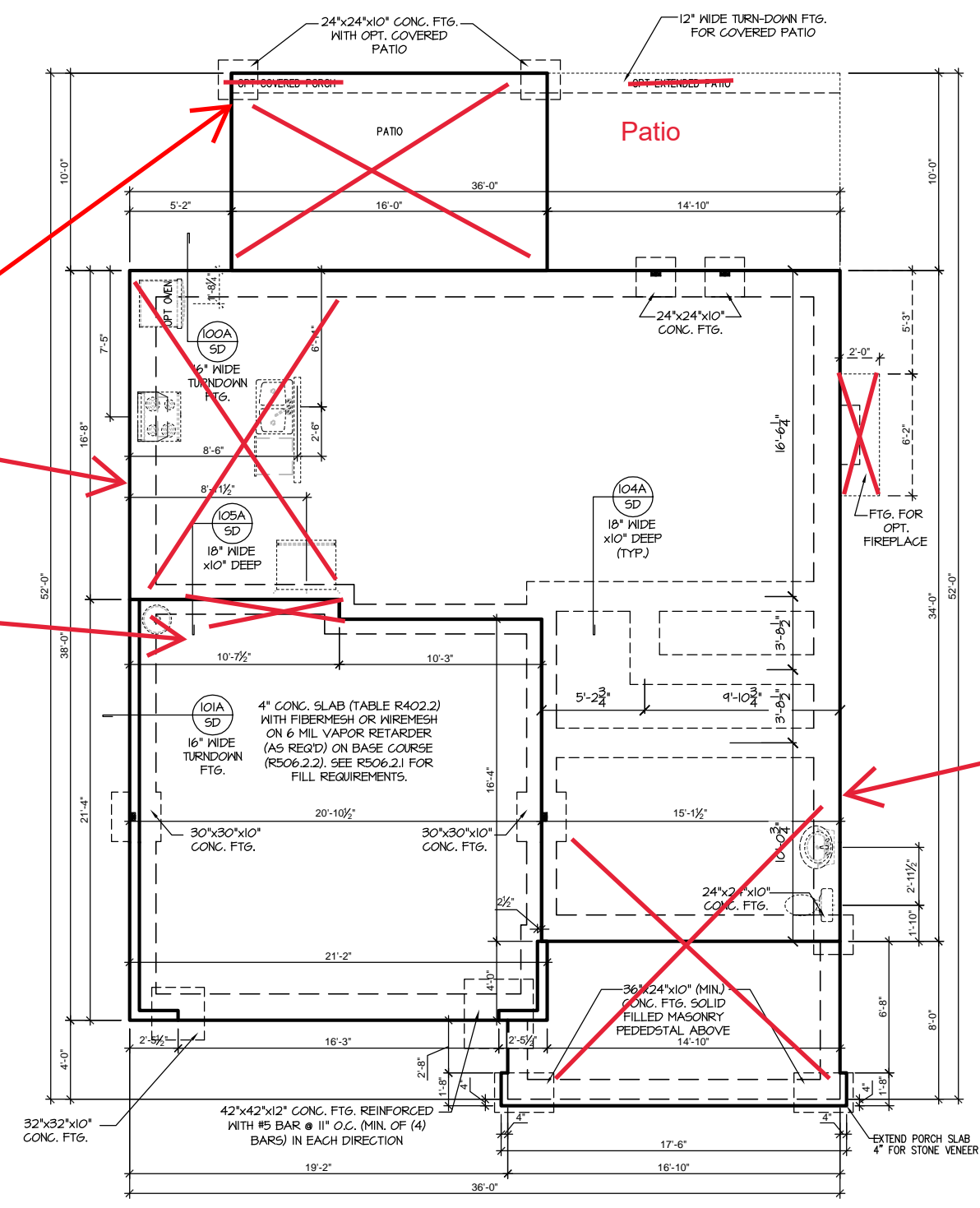
**Plan 2 - The Holly - LH**  
NEW HOME, INC.

**S-1.1**

Opt Extended Cafe' see Page S-1.1.1

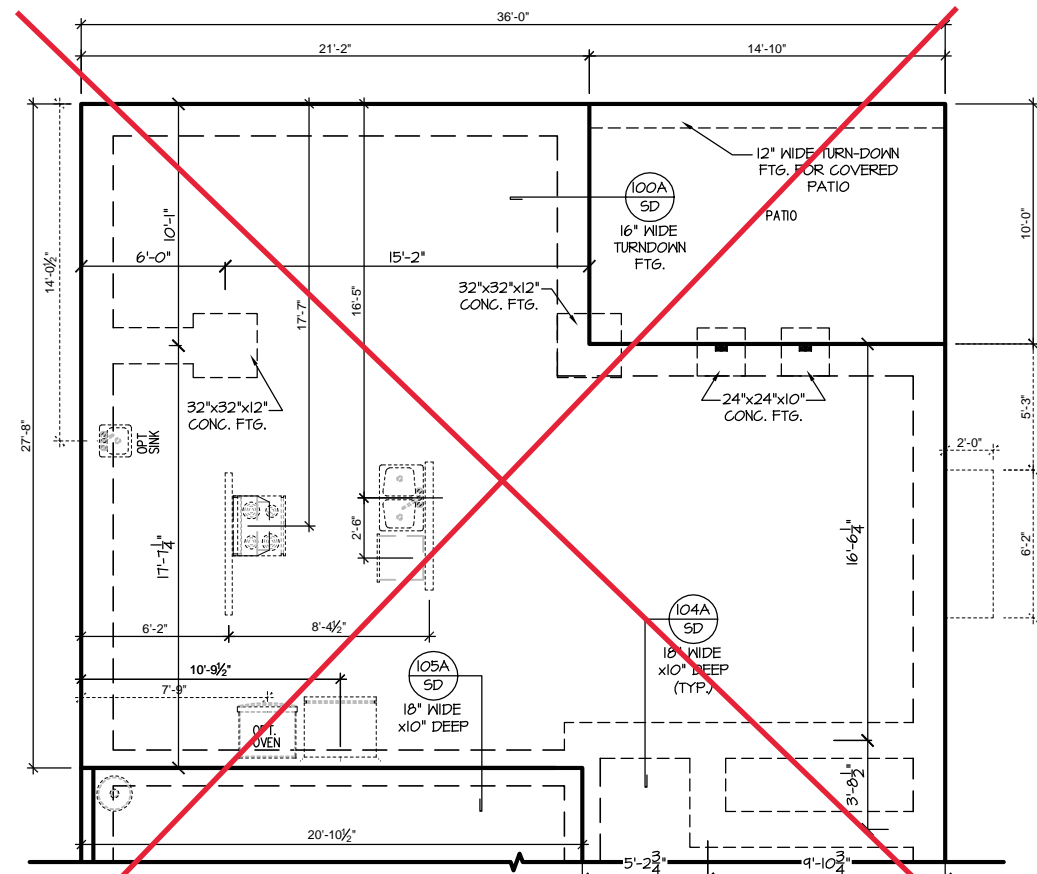
no Jog in rear Garage wall with Extended Cafe' see Page S-1.1.1

Opt Smart Door Delivery w/ Pocket Office see Page S-1.1.1



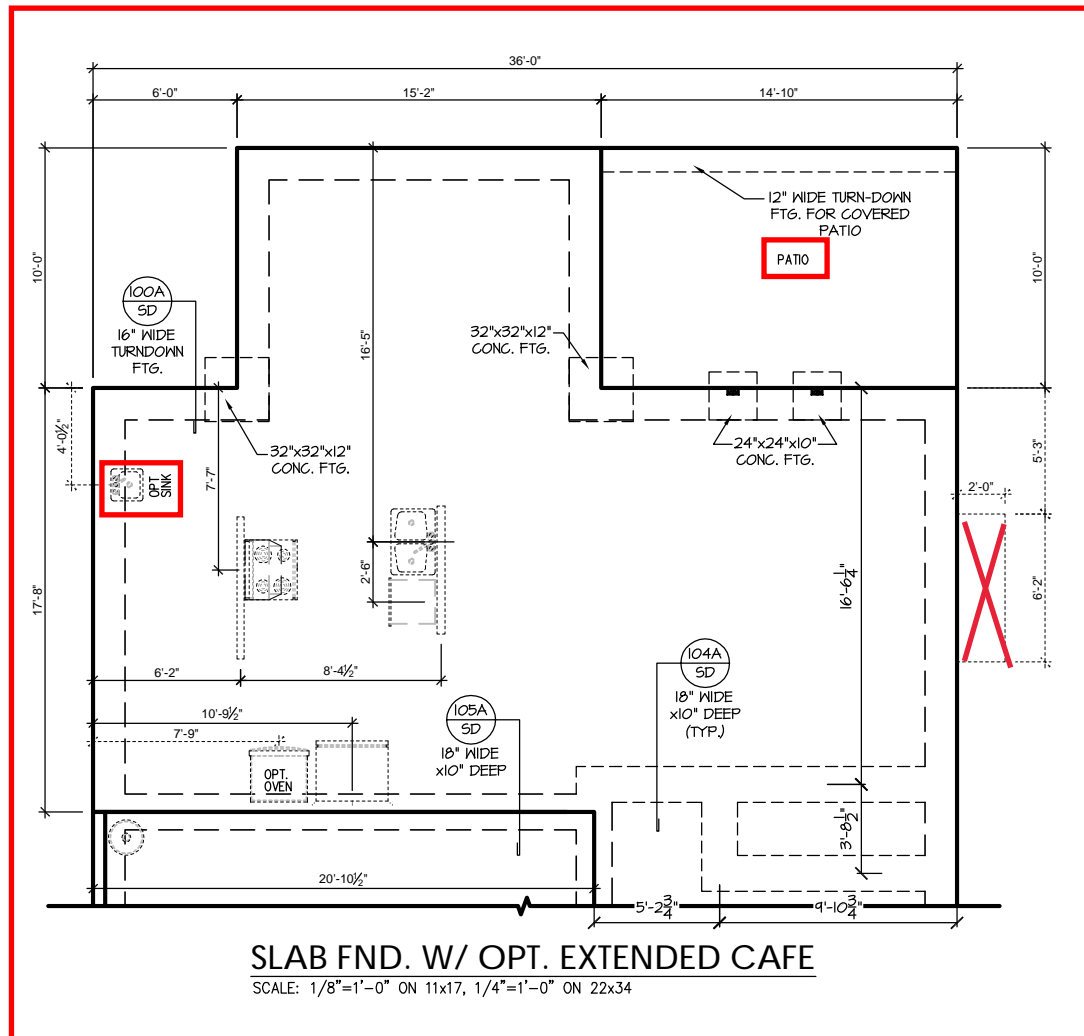
**SLAB FOUNDATION PLAN 'ENGLISH COUNTRY'**  
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

REFER TO "SD" SHEET(S) FOR STANDARD DETAILS, BRACING DETAILS AND STRUCTURAL NOTES.



**SLAB FND. W/ EXT. CAFE & OPT. POCKET OFFICE**

SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34  
 \*ONLY AVAILABLE W/ EXTENDED CAFE OPTION



**SLAB FND. W/ OPT. EXTENDED CAFE**

SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



**PROJECT #**  
21-2816-LH

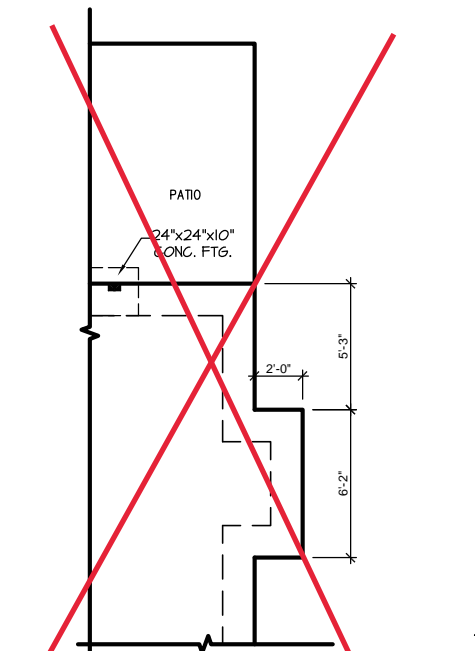
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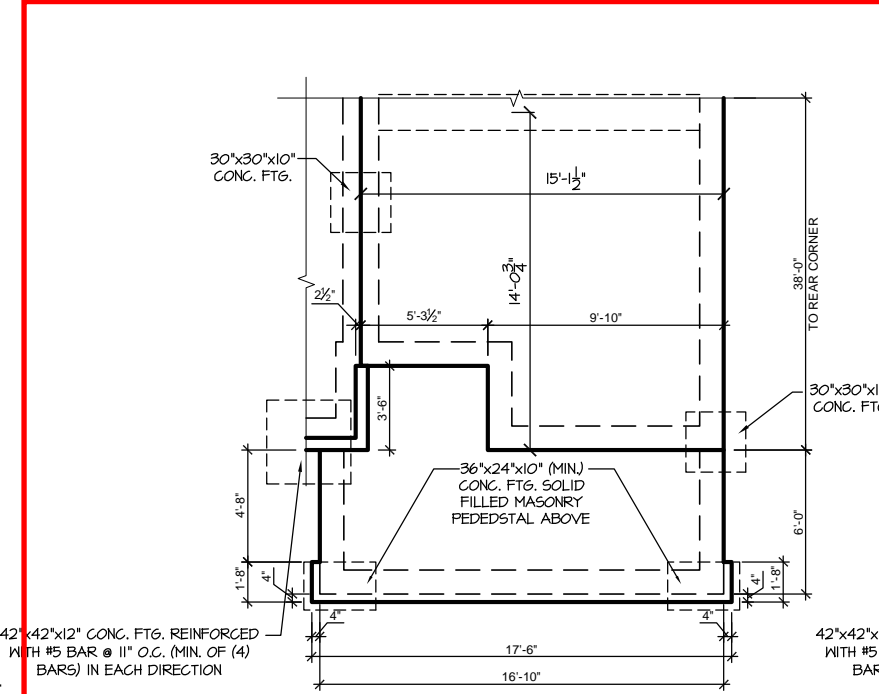
**Plan 2 - The Holly - LH**  
 NEW HOME, INC.

**S-1.1.1**



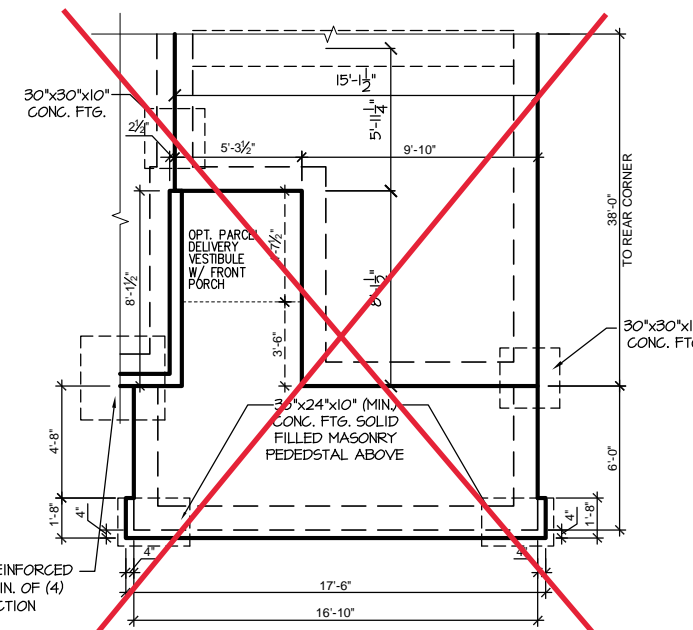
**SLAB FND. W/OPT. FIREPLACE**

SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



**SLAB FND. W/OPT. SMART DOOR**

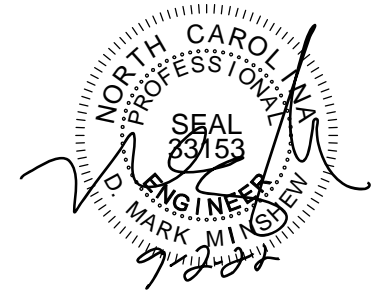
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34  
 \*ONLY AVAILABLE W/ POCKET OFFICE OPTION



**SLAB FND. W/OPT. POCKET OFFICE**

SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

REFER TO "SD" SHEET(S) FOR STANDARD DETAILS, BRACING DETAILS AND STRUCTURAL NOTES.



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21-2816-LH

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**SOUTH DESIGNS**

Plan 2 - The Holly - LH  
NEW HOME, INC.

S-2.1

**TRUSS SYSTEM REQUIREMENTS**

- NC (2018 NCRG): Wind: 115-120 mph
- TRUSS SYSTEM LAYOUTS (PLACEMENT PLANS) SHALL BE DESIGNED IN ACCORDANCE WITH SEALED STRUCTURAL PLANS. ANY NEED TO CHANGE TRUSSES SHALL BE COORDINATED WITH SOUTHERN ENGINEERS.
  - TRUSS SCHEMATICS (PROFILES) SHALL BE PREPARED AND SEALED BY TRUSS MANUFACTURER.
  - ALL TRUSSES SHALL BE DESIGNED FOR BEARING ON SFF #2 OR #3 PLATES OR LEDGERS (UNO).
  - ALL REQUIRED ANCHORS FOR TRUSSES DUE TO UPLIFT OR BEARING SHALL MEET THE REQUIREMENTS AS SPECIFIED ON THE TRUSS SCHEMATICS.

**WOOD "I" JOISTS**

- (SHALL BE ONE OF THE FOLLOWING):
- TJI 210 BY TRUS JOIST
  - LPI 20 PLUS BY LP
  - BC1 5000s 1.8 BY BC
- ALL WOOD "I" JOISTS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
  - INSTALL SQUASH BLOCKS, WEB STIFFENERS, ETC. AS REQUIRED BY AND ACCORDING TO THE I-JOIST MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS.
  - HANGERS FOR I-JOISTS ARE THE RESPONSIBILITY OF THE I-JOIST SUPPLIER.
  - FLOOR TRUSSES BY MANUFACTURER MAY BE SUBSTITUTED FOR I-JOISTS.

**HEADER/BEAM & COLUMN NOTES**

- ALL EXTERIOR AND LOAD BEARING HEADERS SHALL BE MIN. (2)2x6 (4" WALL) OR (3)2x6 (6" WALL) WITH (1) SUPPORT STUD, UNLESS NOTED OTHERWISE.
- THE NUMBER SHOWN AT BEAM AND HEADER SUPPORTS INDICATES THE NUMBER OF SUPPORT STUDS REQUIRED IN STUD POCKET OR COLUMN. THE NUMBER OF KING STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS SHALL BE ACCORDING TO ITEM "d" IN TABLE R602.3(5) OR AS BELOW PER NCD01 COMMENTARY "KING STUDS AT WALL OPENINGS" REVISED 1-9-2020:
  - UP TO 3' SPAN: (1) KING STUD
  - OVER 3' UP TO 6' SPAN: (2) KING STUDS
  - OVER 6' UP TO 9' SPAN: (3) KING STUDS
  - OVER 9' UP TO 12' SPAN: (4) KING STUDS
  - OVER 12' UP TO 15' SPAN: (5) KING STUDS

**PORCH POST NOTES:**

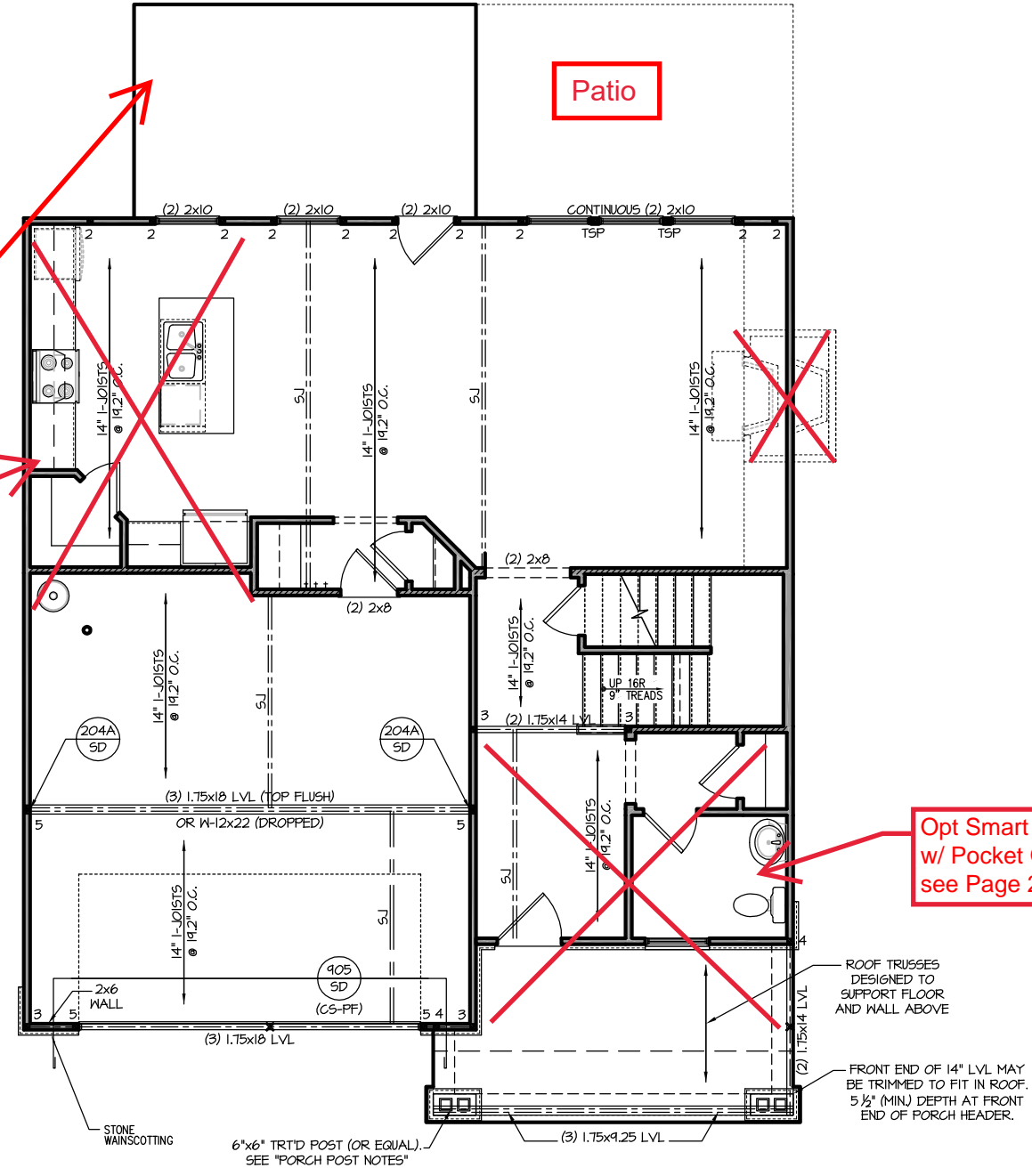
- 4x4 (6x6) TRTD POST (OR EQUAL).
  - ATTACH TRUSSES (RAFTERS) AT PORCH WITH HURRICANE CONNECTORS.
  - POST CAP: SIMPSON AC4-MAX (AC6-MAX)
  - POST CAP AT CORNER: (2) SIMPSON LCE4 (MITER HEADER AT CORNER). HIGH WIND; ADD (1) SIMPSON H6.
  - POST BASE: SIMPSON ABU44 (ABU66).
    - MONO: 3/8" ANCHOR (EMBED 1')
    - CMU: 3/8" ANCHOR (EXTEND TO FOOTING - HIGH WIND ONLY)
  - POST BASE: WOOD FOUNDATION: (2) SIMPSON CS16 STRAPS AT POSTS. EXTEND 12" ONTO EACH POST (UPPER AND LOWER) OR TO GIRDER.
- NOTE: EQUIVALENT POST CAP AND BASE ACCEPTABLE.

**FRAMING NOTES**

- NC (2018 NCRG): Wind: 115-120 mph
- BRACING METHOD AND TYPE: CONTINUOUSLY SHEATHED WSP. CS-WSP. NOTE THAT THE WALL BRACING AMOUNT PROVIDED ON THE PLANS (DETAILS AND SPECIFICATIONS) IS GREATER THAN THE AMOUNT OF WALL BRACING REQUIRED BY SECTION R602.10 OF THE CODE. SEE NOTES BELOW FOR DETAILS AND SPECIFICATIONS FOR WALL BRACING AND WALL FRAMING.
  - EXTERIOR WALL SHEATHING: WALLS SHALL BE BRACED BY SHEATHING WALLS ON ALL STORIES WITH WOOD STRUCTURAL PANEL SHEATHING (WSP) (EXPOSURE B: 7/16", EXPOSURE C: 15/32"). SHEATHING SHALL BE ATTACHED WITH 8d NAILS AT A 6" X 12" NAILING PATTERN (6" OC AT PANEL EDGES AND 12" OC AT INTERMEDIATE SUPPORTS). INSTALL BLOCKING AT ALL PANEL EDGES.
  - WSP SHEATHING SHALL EXTEND TO THE UPPERMOST DOUBLE BEARING PLATE. BLOCK AT ROOF PER SECTION R602.10.4.5 AND ATTACH BRACED WALLS PER CODE. WSP SHEATHING BETWEEN FLOORS SHALL BE SPLICED ALONG CONTINUOUS BAND OR THE WSP SHEATHING MAY BE SPLICED ACROSS STUDS (CONTINUOUS ACROSS FLOOR SYSTEM) WITH BLOCKING AT PANEL EDGES. (MINIMUM 12" BEYOND FLOOR BREAK) OR OTHER APPROVED METHOD.
  - "HD" = HOLD-DOWN: HOLD-DOWN DEVICE (NOTED AS "HD" ON PLANS) SHALL BE AN 800 POUND CAPACITY ASSEMBLY AS NOTED ON PLANS. SEE DETAILS FOR HD ASSEMBLY.
    - \*\*GROUND/FIRST FLOOR: USE "HD HOLD-DOWN DETAIL" ON SD SHEET (OR EQUIV.)
    - \*\*UPPER FLOORS: ATTACH BASE OF KING STUD WITH A SIMPSON CS22 STRAP DOWN ACROSS THE BAND AND DOWN TO A STUD BELOW OR HEADER BELOW. EXTEND STRAP 7" MIN ALONG EACH STUD (OR HEADER) AND ATTACH EACH END W/ (1) 8d NAILS.
  - INTERIOR BRACED WALL: (NOTED AS "IBW" ON PLANS) ATTACH 1/2" GYPSUM BOARD (GB) ON EACH SIDE OF WALL WITH A MIN. OF 5d COOLER NAILS OR #6 SCREWS @ 7" O.C. ALONG THE EDGES AND AT INTERMEDIATE SUPPORTS.
  - INTERIOR BRACED WALL-WOOD STRUCTURAL PANEL: (NOTED AS "IBW-WSP" ON PLANS). ATTACH ONE SIDE WITH 3/8" WSP SHEATHING WITH 8d NAILS AT A 6" X 12" NAILING PATTERN (6" OC AT PANEL EDGES AND 12" OC AT INTERMEDIATE SUPPORTS). INSTALL BLOCKING AT ALL PANEL EDGES. ATTACH GB OVER WSP AS REQUIRED. ATTACH OPPOSITE SIDE WITH 1/2" GB WITH A MIN. OF 5d COOLER NAILS OR #6 SCREWS @ 7" O.C. ALONG THE EDGES AND AT INTERMEDIATE SUPPORTS.

Opt Extended Cafe' see Page S-2.1.1

Opt Smart Door Delivery w/ Pocket Office see Page 2.1.1

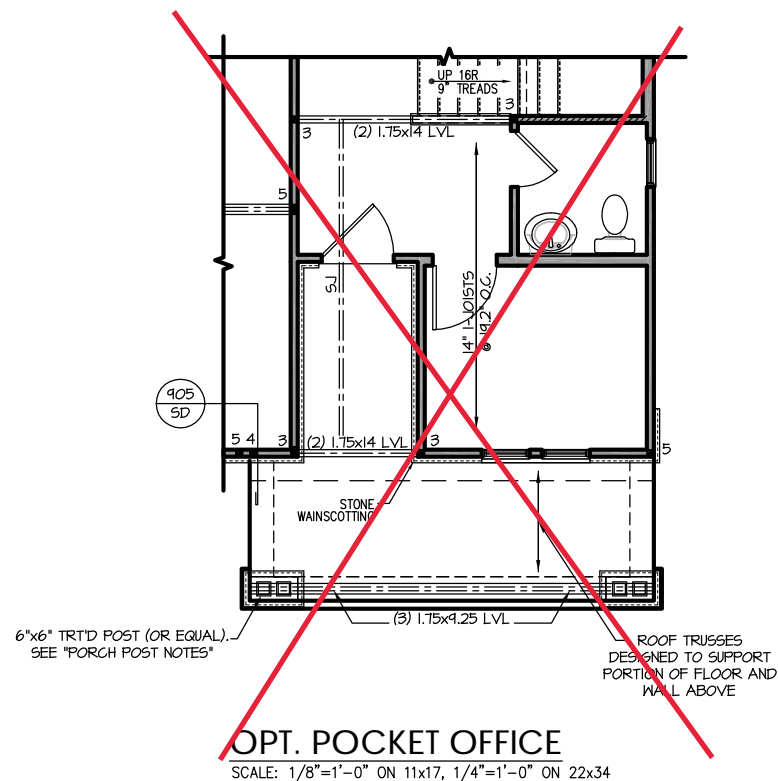
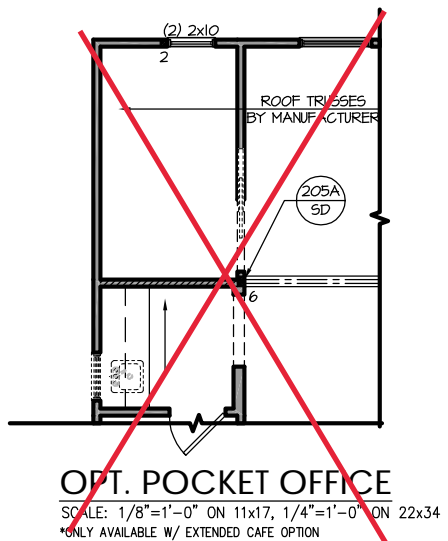
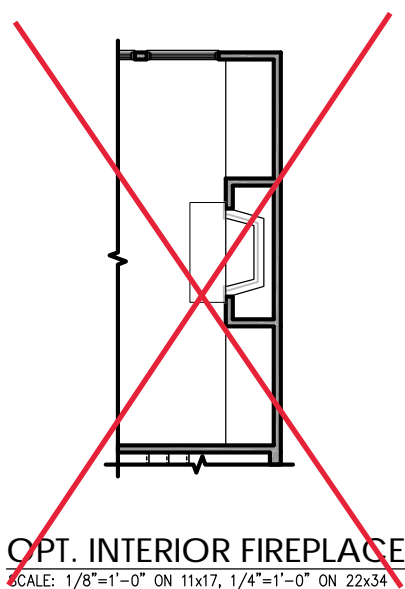
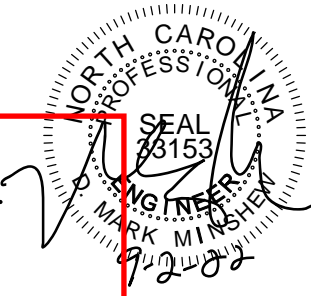
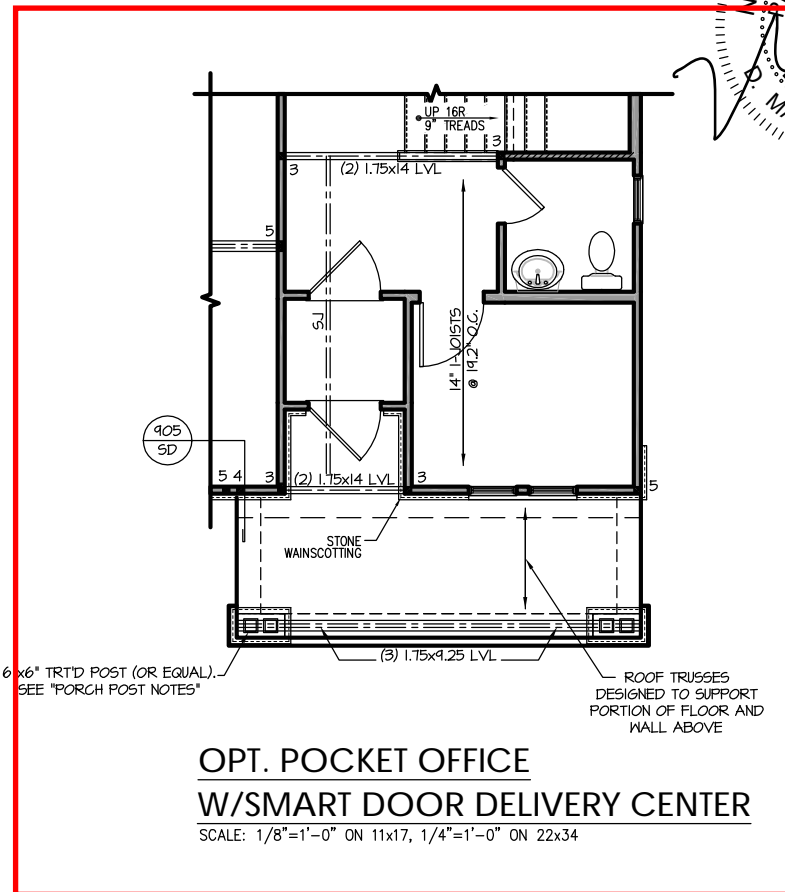
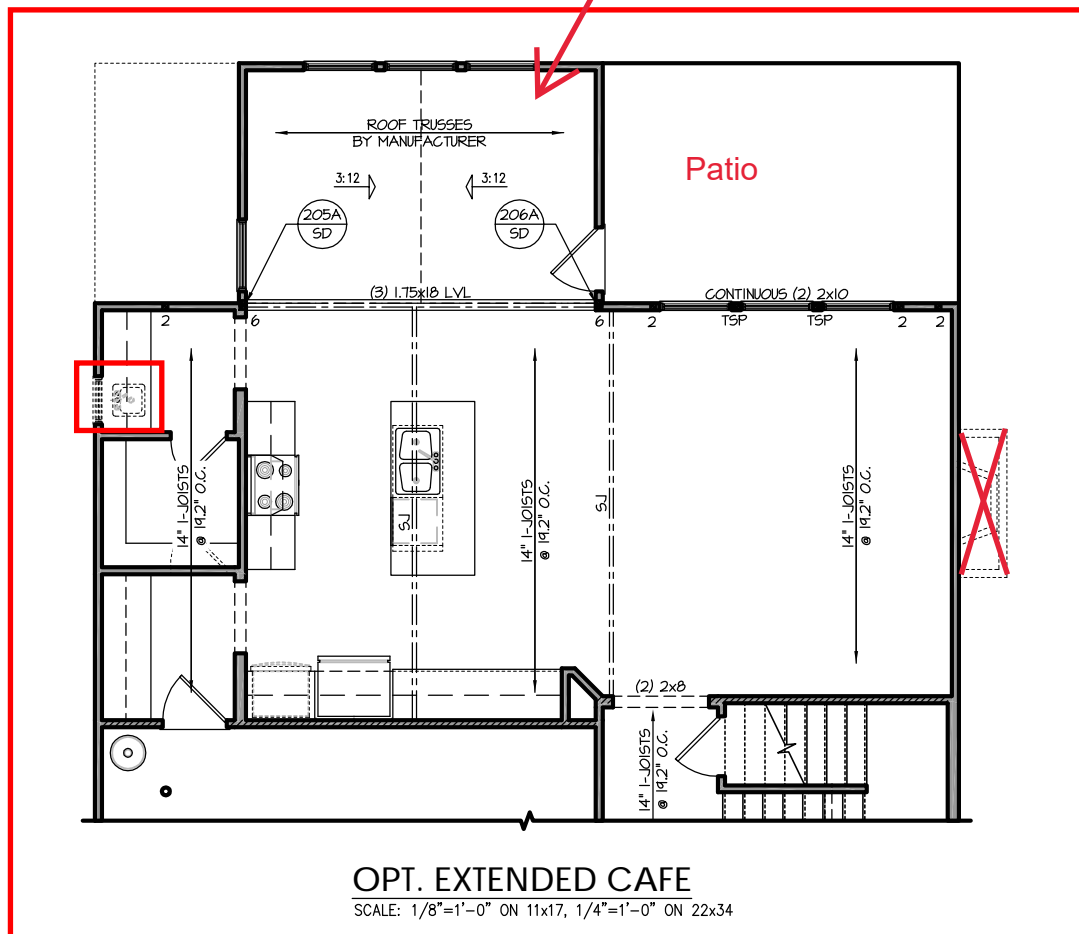


**FIRST FLOOR PLAN 'ENGLISH COUNTRY'**

SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

REFER TO "SD" SHEET(S) FOR STANDARD DETAILS, BRACING DETAILS AND STRUCTURAL NOTES.

Opt Vault Ceiling



PROJECT #  
21-2816-LH

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**SOUTH DESIGNS**

Plan 2 - The Holly - LH  
 NEW HOME, INC.

S-2.1.1

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**SOUTH DESIGNS**

**Plan 2 - The Holly - LH**  
NEW HOME, INC.

**S-2.2**

**TRUSS SYSTEM REQUIREMENTS**

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  - TRUSS SCHEMATICS (PROFILES) SHALL BE PREPARED AND SEALED BY TRUSS MANUFACTURER.
  - ALL TRUSSES SHALL BE DESIGNED FOR BEARING ON SFF #2 OR #3 PLATES OR LEDGERS (UNO).
  - ALL REQUIRED ANCHORS FOR TRUSSES DUE TO UPLIFT OR BEARING SHALL MEET THE REQUIREMENTS AS SPECIFIED ON THE TRUSS SCHEMATICS.

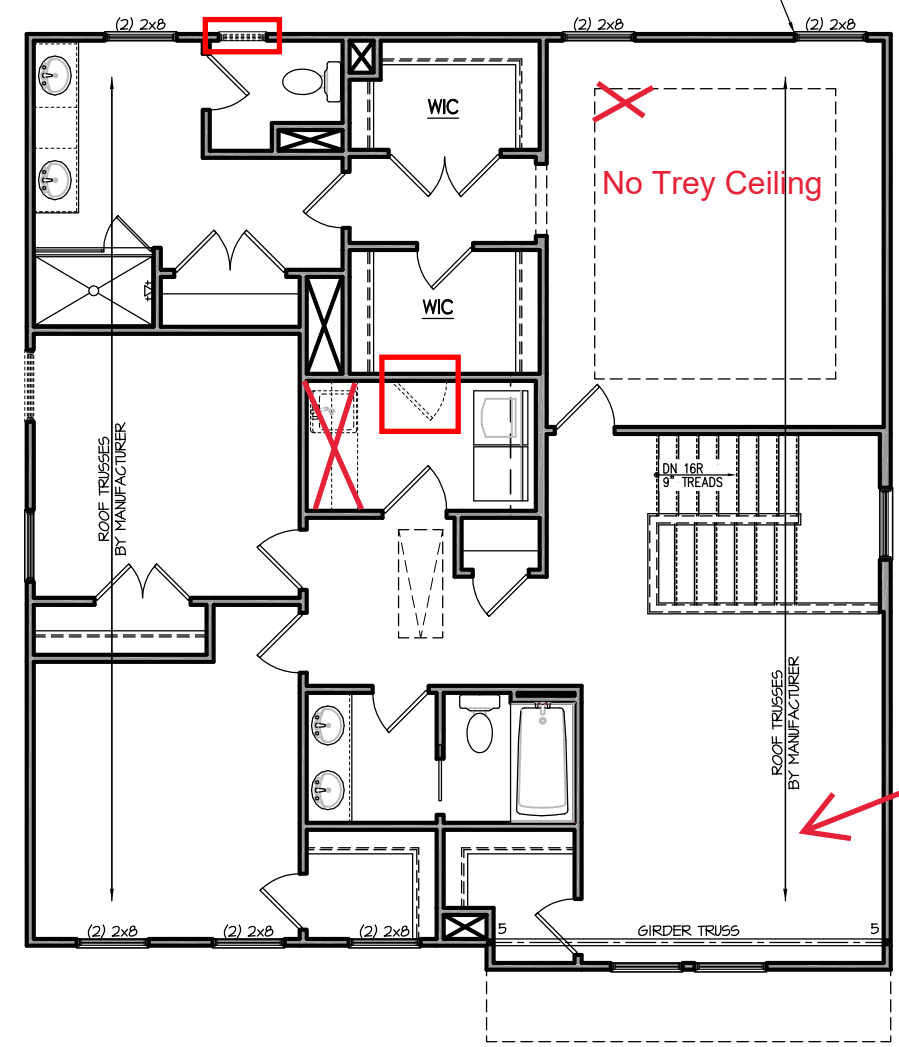
**HEADER/BEAM & COLUMN NOTES**

- ALL EXTERIOR AND LOAD BEARING HEADERS SHALL BE MIN. (2)2x6 (4" WALL) OR (3)2x6 (6" WALL) WITH (1) SUPPORT STUD, UNLESS NOTED OTHERWISE.
- THE NUMBER SHOWN AT BEAM AND HEADER SUPPORTS INDICATES THE NUMBER OF SUPPORT STUDS REQUIRED IN STUD POCKET OR COLUMN. THE NUMBER OF KING STUDS AT EACH END OF HEADERS IN EXTERIOR WALLS SHALL BE ACCORDING TO ITEM "d" IN TABLE R602.3(5) OR AS BELOW PER NCD01 COMMENTARY "KING STUDS AT WALL OPENINGS" REVISED 1-9-2020:
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  - OVER 3' UP TO 6' SPAN: (2) KING STUDS
  - OVER 6' UP TO 9' SPAN: (3) KING STUDS
  - OVER 9' UP TO 12' SPAN: (4) KING STUDS
  - OVER 12' UP TO 15' SPAN: (5) KING STUDS

**FRAMING NOTES**

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- BRACING METHOD AND TYPE: CONTINUOUSLY SHEATHED WSP. CS-WSP. NOTE THAT THE WALL BRACING AMOUNT PROVIDED ON THE PLANS (DETAILS AND SPECIFICATIONS) IS GREATER THAN THE AMOUNT OF WALL BRACING REQUIRED BY SECTION R602.10 OF THE CODE. SEE NOTES BELOW FOR DETAILS AND SPECIFICATIONS FOR WALL BRACING AND WALL FRAMING.
  - EXTERIOR WALL SHEATHING: WALLS SHALL BE BRACED BY SHEATHING WALLS ON ALL STORIES WITH WOOD STRUCTURAL PANEL SHEATHING (WSP) (EXPOSURE B: 7/16", EXPOSURE C: 15/32"). SHEATHING SHALL BE ATTACHED WITH 8d NAILS AT A 6"X12" NAILING PATTERN (6" OC AT PANEL EDGES AND 12" OC AT INTERMEDIATE SUPPORTS). INSTALL BLOCKING AT ALL PANEL EDGES.
  - WSP SHEATHING SHALL EXTEND TO THE UPPERMOST DOUBLE BEARING PLATE. BLOCK AT ROOF PER SECTION R602.10.4.5 AND ATTACH BRACED WALLS PER CODE. WSP SHEATHING BETWEEN FLOORS SHALL BE SPLICED ALONG CONTINUOUS BAND OR THE WSP SHEATHING MAY BE SPLICED ACROSS STUDS (CONTINUOUS ACROSS FLOOR SYSTEM) WITH BLOCKING AT PANEL EDGES. (MINIMUM 12" BEYOND FLOOR BREAK) OR OTHER APPROVED METHOD.
  - "HD" = HOLD-DOWN: HOLD-DOWN DEVICE (NOTED AS "HD" ON PLANS) SHALL BE AN 800 POUND CAPACITY ASSEMBLY AS NOTED ON PLANS. SEE DETAILS FOR HD ASSEMBLY.
    - \*\*GROUND/FIRST FLOOR: USE "HD HOLD-DOWN DETAIL" ON SD SHEET (OR EQUIV.)
    - \*\*UPPER FLOORS: ATTACH BASE OF KING STUD WITH A SIMPSON C522 STRAP DOWN ACROSS THE BAND AND DOWN TO A STUD BELOW OR HEADER BELOW. EXTEND STRAP 7" MIN ALONG EACH STUD (OR HEADER) AND ATTACH EACH END W/ (1) 8d NAILS.
  - INTERIOR BRACED WALL: (NOTED AS "IBW" ON PLANS) ATTACH 1/2" GYPSUM BOARD (GB) ON EACH SIDE OF WALL WITH A MIN. OF 5d COOLER NAILS OR #6 SCREWS @ 7" O.C. ALONG THE EDGES AND AT INTERMEDIATE SUPPORTS.
  - INTERIOR BRACED WALL-WOOD STRUCTURAL PANEL: (NOTED AS "IBW-WSP" ON PLANS). ATTACH ONE SIDE WITH 7/8" WSP SHEATHING WITH 8d NAILS AT A 6"X12" NAILING PATTERN (6" OC AT PANEL EDGES AND 12" OC AT INTERMEDIATE SUPPORTS). INSTALL BLOCKING AT ALL PANEL EDGES. ATTACH GB OVER WSP AS REQUIRED. ATTACH OPPOSITE SIDE WITH 1/2" GB WITH A MIN. OF 5d COOLER NAILS OR #6 SCREWS @ 7" O.C. ALONG THE EDGES AND AT INTERMEDIATE SUPPORTS.

ATTACH BASE OF STUD WITH A SIMPSON C520 OR C5HP20 STRAP DOWN ACROSS THE BAND AND DOWN TO A STUD BELOW OR HEADER BELOW. EXTEND STRAP 9" MIN ALONG EACH STUD (OR HEADER) AND ATTACH EACH END W/ (8) 8d COMMON NAILS (OR EQ).

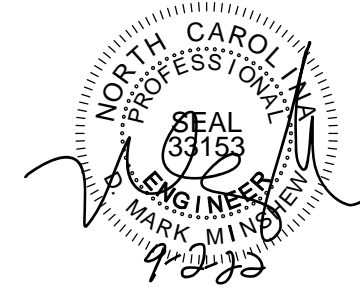
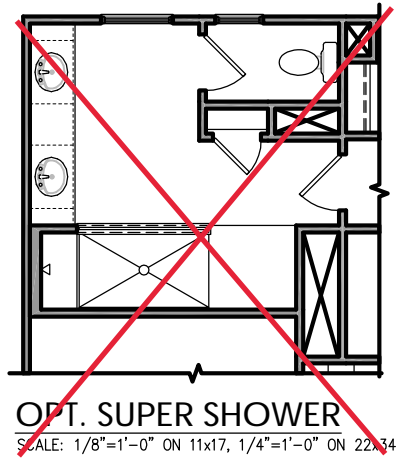
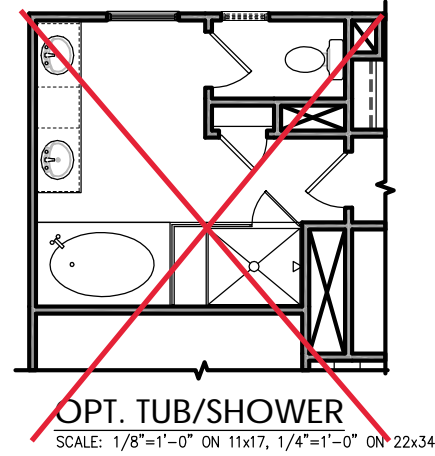
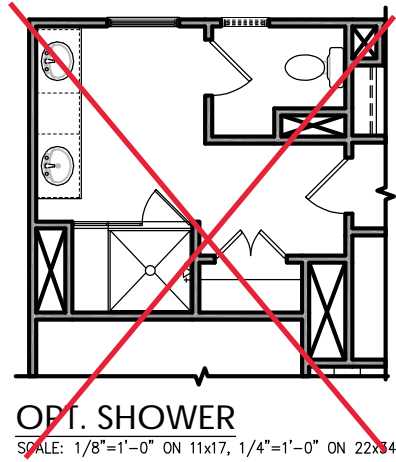
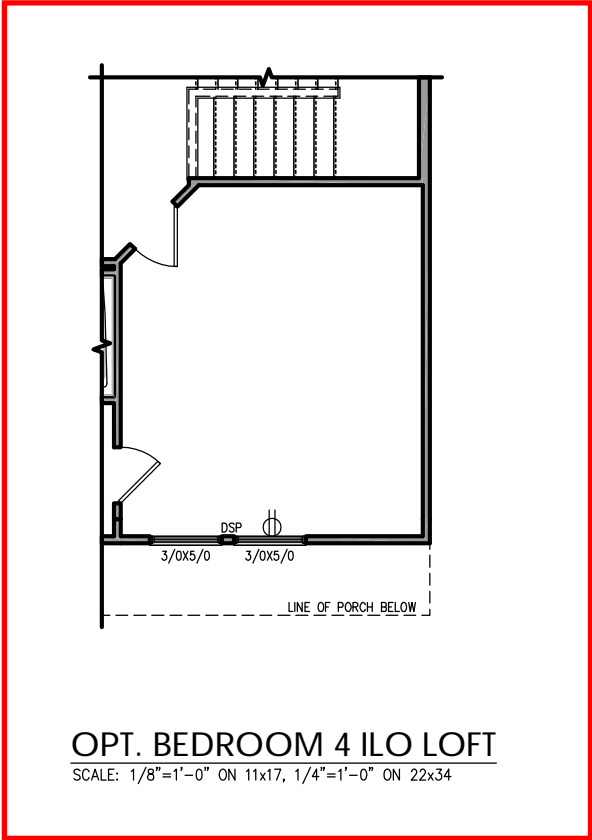


**SECOND FLOOR PLAN 'ENGLISH COUNTRY'**  
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

REFER TO "SD" SHEET(S) FOR STANDARD DETAILS, BRACING DETAILS AND STRUCTURAL NOTES.



NO STRUCTURAL CHANGES  
FROM BASE PLAN



**PROJECT #**  
**21-2816-LH**

Engineers seal applies only to structural components on this document.  
Seal does not include construction means, methods, techniques, sequences, procedures or safety precautions.  
Any deviations or discrepancies on plans are to be brought to the immediate attention of Southern Engineers. Failure to do so will void Southern Engineer's liability.  
Seal is valid for projects permitted one year from date of seal.  
Use of these plans constitutes approval of terms & conditions as defined in the customer agreement.

**Southern Engineers, P.A.**  
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License: C-4772  
www.southernengineers.com

**SOUTH DESIGNS**

**Plan 2 - The Holly - LH**  
NEW HOME, INC.

**S-2.2.1**

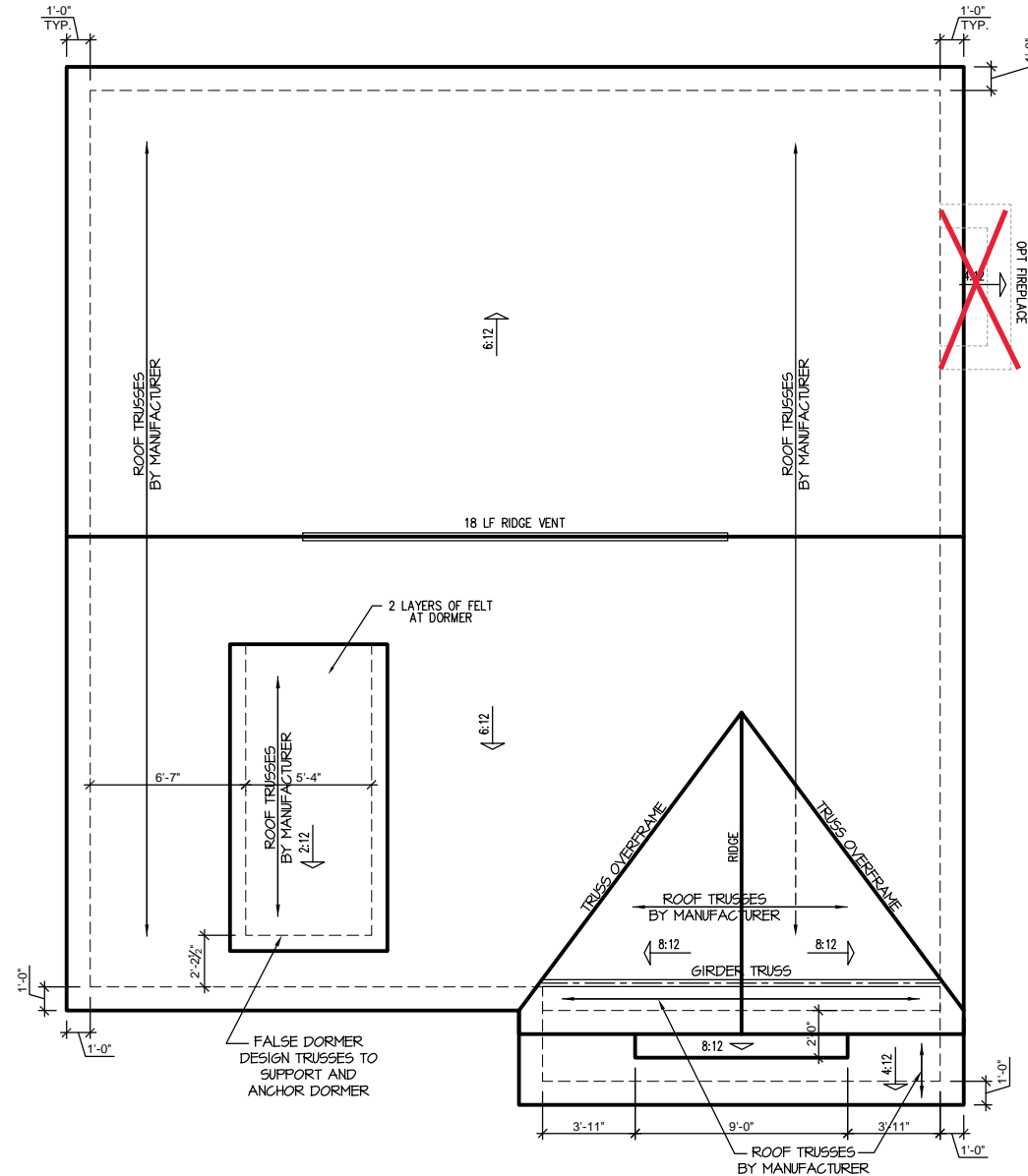
REFER TO "SD" SHEET(S) FOR  
STANDARD DETAILS, BRACING  
DETAILS AND STRUCTURAL NOTES.

**TRUSS SYSTEM REQUIREMENTS**  
 NC (2018 NCRS): Wind: 115-120 mph

1. TRUSS SYSTEM LAYOUTS (PLACEMENT PLANS) SHALL BE DESIGNED IN ACCORDANCE WITH SEALED STRUCTURAL PLANS. ANY NEED TO CHANGE TRUSSES SHALL BE COORDINATED WITH SOUTHERN ENGINEERS.
2. TRUSS SCHEMATICS (PROFILES) SHALL BE PREPARED AND SEALED BY TRUSS MANUFACTURER.
3. ALL TRUSSES SHALL BE DESIGNED FOR BEARING ON SFF #2 OR #3 PLATES OR LEDGERS (UNO).
4. ALL REQUIRED ANCHORS FOR TRUSSES DUE TO UPLIFT OR BEARING SHALL MEET THE REQUIREMENTS AS SPECIFIED ON THE TRUSS SCHEMATICS.

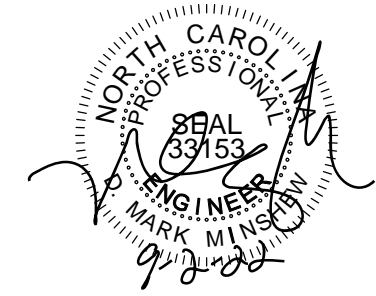
ATTIC VENT SCHEDULE								
ENGLISH COUNTRY								
MAIN HOUSE		SQ FTG	1393	AT / NEAR RIDGE			AT / NEAR EAVE	
VENT TYPE	SQ. FT. REQUIRED RANGE	SQ. FT. SUPPLIED	PERCENT OF TOTAL SUPPLIED	POT LARGE (SQ. FT. EACH)	POT SMALL (SQ. FT. EACH)	RIDGE VENT (SQ. FT. PER LF)	EAVE VENT (SQ. IN. EACH)	CONT. VENT (SQ. IN. PER LF)
RIDGE VENT	1.86 2.32	3.00	44.44	0	0	24.00		
SOFFIT VENTS	2.79 2.32	3.75	55.56				0	60.00
TOTAL (MIN)	4.64 4.64	6.75	100.00	POT VENTS MAY BE REQUIRED IF THERE IS INSUFFICIENT RIDGE AVAILABLE				

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



**ENGLISH COUNTRY ROOF PLAN**  
 SCALE: 1/4" = 1'-0" ON 22x34, 1/8" = 1'-0" ON 11x17

Opt. Extended Cafe' see Page S-6.2 for Additional Roof Plan



**PROJECT #**  
 21-2816-LH

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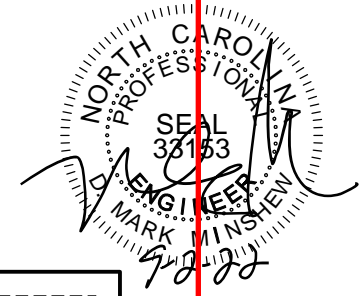
**Southern Engineers, P.A.**  
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**SOUTH DESIGNS**

Plan 2 - The Holly - LH  
 NEW HOME, INC.

**S-3.1**

REFER TO "SD" SHEET(S) FOR STANDARD DETAILS, BRACING DETAILS AND STRUCTURAL NOTES.



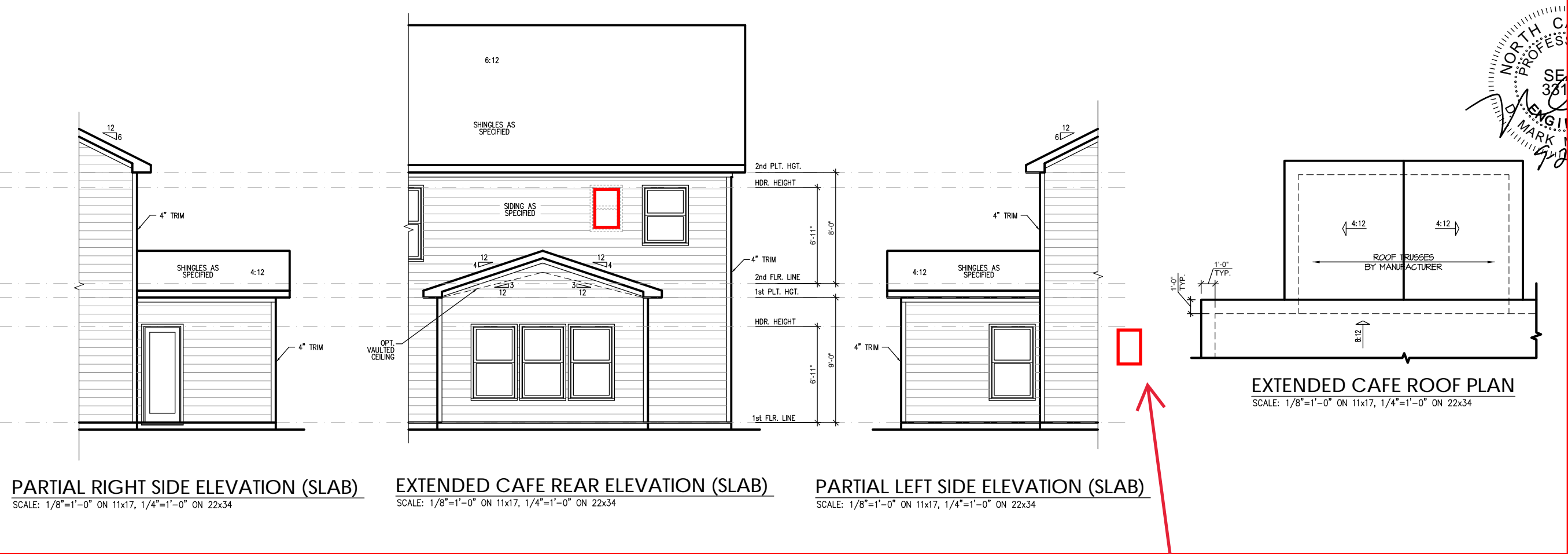
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SOUTH DESIGNS

Plan 2 - The Holly - LH  
NEW HOME, INC.

S-6.1



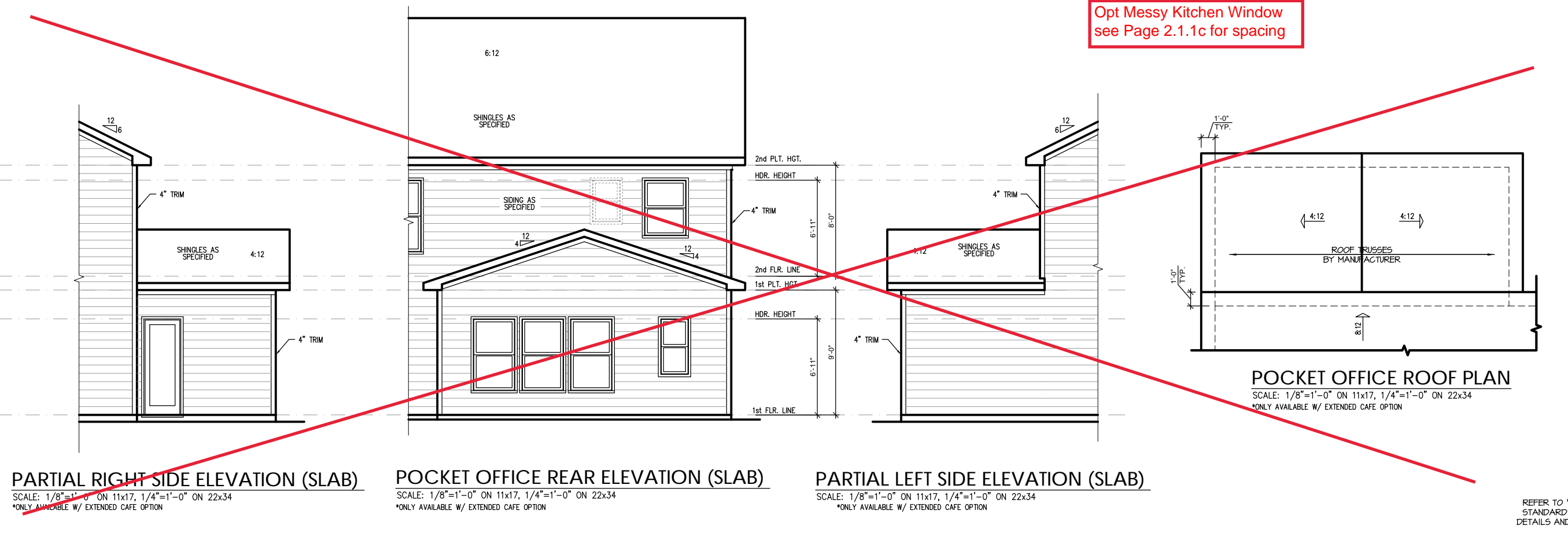
**PARTIAL RIGHT SIDE ELEVATION (SLAB)**  
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

**EXTENDED CAFE REAR ELEVATION (SLAB)**  
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

**PARTIAL LEFT SIDE ELEVATION (SLAB)**  
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

**EXTENDED CAFE ROOF PLAN**  
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

Opt Messy Kitchen Window  
see Page 2.1.1c for spacing



~~**PARTIAL RIGHT SIDE ELEVATION (SLAB)**  
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34  
\*ONLY AVAILABLE W/ EXTENDED CAFE OPTION~~

~~**POCKET OFFICE REAR ELEVATION (SLAB)**  
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34  
\*ONLY AVAILABLE W/ EXTENDED CAFE OPTION~~

~~**PARTIAL LEFT SIDE ELEVATION (SLAB)**  
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34  
\*ONLY AVAILABLE W/ EXTENDED CAFE OPTION~~

~~**POCKET OFFICE ROOF PLAN**  
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34  
\*ONLY AVAILABLE W/ EXTENDED CAFE OPTION~~

REFER TO "SD" SHEET(S) FOR  
STANDARD DETAILS, BRACING  
DETAILS AND STRUCTURAL NOTES.