REVISION:001 DATE: 11/22/21

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

BEVISION:002

RELOCATE FRONT DOOR TO ALIGN W/ GARAGE WALL. ADJUST FOUNDATION AND OPTIONS

DATE: 12/08/21

ACCORDINGLY.

2. ADD WALL & DOOR AT FOYER FOR OPTIONAL SMART DOOR DELIVERY CENTER.

3. NOTE DOOR INTO MAIN HOUSE W/ OPTIONAL SMART DOOR DELIVERY CENTER TO BE 3068 3/4 LITE W/ 12" TRANSOM.

4. DIMENSION & LOCATE BED #4 CLOSET DOOR 5'-0" FROM EXTERIOR WALL.

CHANGE DOOR WIDTH FROM 2/6 TO 2/4 @ BATH #3, BED #3 CLOSET, BATH #2, BED #2 CLOSET AND OPT. BED #5.

FLIP PANTRY SHELVES, DELETE DOOR ACCESSED FROM DROP ZONE & ADD 2/4 DOOR

ACCESSED FROM MESSY KITCHEN.
DIMENSION TO CENTER OF TRIPLE WINDOWS ONLY.
MAKE ALL STUD POCKETS 4 1/2".
ADD NOTE AT FIREPLACE FOR A "42"X39" R.O." FOR FIREBOX.

9. AUD NOTE AT INEPTAGE FOR A 42 X39 K.O. FOR FIREBUX.

10. RELOCATE WALL LUNGER STAR & NOTE © 35 WALL HT (VLF.).

11. ADD COURMET KITCHEN, ALTERNATE KITCHEN AND ALTERNATE GOURMET KITCHEN OPTIONS.

12. DELETE 2ND WINDOW NEAREST TO CORNER © POCKET OFFICE OPTION.

13. DELETE OPTIONAL PARITY DOOR LOCATION.

14. CHANGE SIDELOAD GARAGE FRONT WINDOWS FROM 5/0 HT TO 6/0 HT.

15. ADD 8° DEEP CHASE BEHIND 2ND FL LINEN CLOSET 9 HALL

16. RELOCATE WATER HEATER AT SIDELOAD GARAGE UNDER NEW LINEN CLOSET CHASE.

17. DECREASE DEPTH OF CHASE BEHIND OWNERS BATH WATER CLOSET TO 10° TO INCREASE WATER

CLOSET DEPTH TO 6'-1". MOVE OWNERS VANITY WALL UP TO ALLOW ROOM IN LAUNDRY FOR CHASE ■ LINEN, OPT 30"
 CAB W/ OPT L.T. AND WASHER/DRYER.

19. ADD PULL DOWN STAIR IN LAUNDRY. NOTE "25 1/2" X 54 1/2" R.O."
20. ADD 18"X24" CHASE IN OWNERS WIC CLOSET @ SHOWER WALL.

21. MAKE BATH#2 VANITY 60".

21. MAKE WIC @ BED/#2 5"-4" DEEP, ADDING 3" TO BATH #2.
23. MOVE BATH/#2 TOILET, TUB AND WINDOW 3" TOWARD FRONT OF HOUSE.
24. MAKE WINDOW IN BED #2 CLOSET TEMPERED.

REVISION:003 DATE: 2/4/2022

DIMENSION TRIPLE STUD POCKETS
RELOCATE ISLAND PER REDLINES.
REMOVE WINDOW IN MESSY KITCHEN
FULL HEIGHT WALL AT END OF CABINETS ON GARAGE ADJACENT WALL.
REMOVE UNDER-COUNTER SIDE WALLS IN ISLAND.

SHOW AND CALL OUT DROP ZONE BENCH AS 18" DEEP.
VERIFY CASED OPENINGS ARE 3/0x6/8 ON 1ST FLOOR.
ELIMINATE ALT KITCHEN
MATCH BASE PLAN LOCATION FOR WATER HEATER IN SIDE LOAD GARAGE.

9. MAICH BASE PLAN LOCATION FOR WATER HEATER IN SIDE LOAD GARAGE.
10. 3/4 LITE ENTRY DOOR.
11. CREATE SHOWER OPTION WITH 18" SEAT.
12. RESIZE STANDARD SHOWER TO 60X36. EXTEND FULL HEIGHT WALL AT STANDARD SHOWER.
13. ADD 2X6 WALL JUST INSIDE EXTERIOR WALL FOR OPT. SUPER SHOWER W/ OPT. 2ND FLOOR.
14. ALL LINEN CALLED OUT AS (4) SHELVES.
15. POCKET DOORS CHANGE TO STANDARD 2/4 IN OWNER'S WIC TO LAUNDRY.

16. EXTEND REAR PORCH 6" SO BEAM BEARS ON CAFE WALL.
17. CHANGE COLUMNS TO 6X6 P.T. WITH 1X WRAP FOR TRADITIONAL ELEVATION.
18. CHANGE REAR PORCH COLLIMNS TO 6X6 P.T. POST, NO WRAP.
19. CHANGE ENTRY DOOR TO 3/4 LITE

19. CHANGE ENTRY DOOR TO 3/4 LITE
20. EXTEND PORCH SLAB 4" AT FRONT AND EXTEND AROUND CORNER 20" TO SUPPORT STONE VENEER.
21. REMOVED "HALF WALLS AT KITCHEN ISLAND AND UPDATED PER CABINET PROVIDER
22. CHANGED THE BASE OWNER'S BATH WINDOW TO 4010
24. CHANGED THE OWNER'S BATH OPTION SHOWER W/18" SEAT WINDOW TO 4010
25. CHANGED THE OWNER'S BATH OPTION SUPER SHOWER WINDOWS TO (2)3010
25. CHANGED THE OPTION 2ND FLOOR OWNER'S BATH WINDOW TO 4010
26. CHANGED THE OPTION 2ND FLOOR OWNER'S BATH WINDOW TO 4010
27. CHANGED THE OPTION 2ND FLOOR OWNER'S BATH WINDOW TO 4010

25. CHANGED THE OPTION AND FLOUR OWNER'S BATH WINDOW TO 4010
26. CHANGED THE OPTION ZUD FLOOR OWNER'S BATH OPTION SUPER SHOWER WINDOWS TO (2)3010
27. CHANGED 2ND FLOOR WINDOW OVER PORCH TO BE 2040 ALL ELEVATIONS
28. UPDATED THE WINDOW HEADER AT THE STAIR LANDING TO BE 8'-10" ABOVE LANDING
29. RE-CENTERED ECORGIAN PORCH TO BE CENTERED ON THE WINDOW ABOVE
30. ADDED AN EXTENDED PORCH OPTION TO THE TRADITIONAL ELEVATION ONLY

REVISION:004

DATE: 3/30/2022

CHANGED 2ND FLOOR WINDOW OVER PORCH TO BE 2040 ALL ELEVATIONS UPDATED THE WINDOW HEADER AT THE STAIR LANDING TO BE 8'-10" ABOVE LANDING CHANGED SIZE OF GEORGIAN PORCH TO BE CENTERED ON THE WINDOW ABOVE CHANGED STYLE OF GEORGIAN COLUMNS FROM ROUND TO SQUARE ADDED AN EXTENDED PORCH OPTION TO THE TRADITIONAL ELEVATION ONLY ADDED ELECTRICAL PLAN SHEETS

REVISION:005

REVISION:006

DATE: 7/22/2022

add stem wall slab foundation sheets. Add "stem wall" to crawl elevation titles and add note "see foundation

PAGES FOR FOUNDATION TYPE". UPDATE SHEET TITLES

ADD THIRD CAR GARAGE OPTION MODIFYING THE 2 CAR GARAGE AND BEDROOM #2, ELEVATIONS.

Selma MODEL - 3 Car LH Garage Lot 174 Duncan's Creek - 30 Duncan Creek Road Lillington, NC 27546

NC.



PLAN 4 The Selma - LH

'ENGLISH COUNTRY'

Sheet No.	Sheet Description
0.0	Cover Sheet
1.1	Foundation (Slab)
1.1.1	Foundation Options (Slab)
1.2	Foundation (Crawl)
1.2.1	Foundation Options (Crawl)
1.2.2	Foundation Third Car Garage Option
1.3	Foundation (Stem Wall Slab)
1.3.1	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
2.2.2	Third Car Garage Floor Plan Option
2.4	Covered Porch Plans & Elevations (Slab)
2.4.1	Covered Porch Plans & Elevations (Crawl/Stem Wall)
2.5	Side Load Garage Elevations (Slab)
2.5.1	Side Load Garage Elevations (Crawl/ Stem Wall)
2.6	Third Car Garage Right & Front Elevations (Crawl/ Slab)
2.6.1	Third Car Garage Left & Rear Elevations (Crawl/ Slab)
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
5.2.2	Third Car Garage Option Electrical

	'ENC	'ENGLISH COUNTRY' ELEVATION						
	Ų	JNHEATED		HEATED				
FIRST FLOOR		0			1194			
SECOND FLOOR		0			1452			
RONT PORCH (CRAWL)		149			0			
FRONT PORCH (SLAB)		158			0			
REAR PATIO/DECK		208			0			
2 CAR GARAGE		415		0				
SUBTOTALS		930	2646					
TOTAL UNDER ROOF			35	76				
OF	PTIC	SNC						
	UNH	HEATED	S.F.	HEATED S.F.				
OPT. POCKET OFFICE	0			+64				
FIREPLACE BUMPOUT		0		+34				
COVERED PATIO/DECK	210			0				
THIRD CAR GARAGE		+323			+40			

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.



DATE								
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REV.#	1	7	3	7	2	9	7	8

Cover Sheet 'English Country'

SELMA

THE

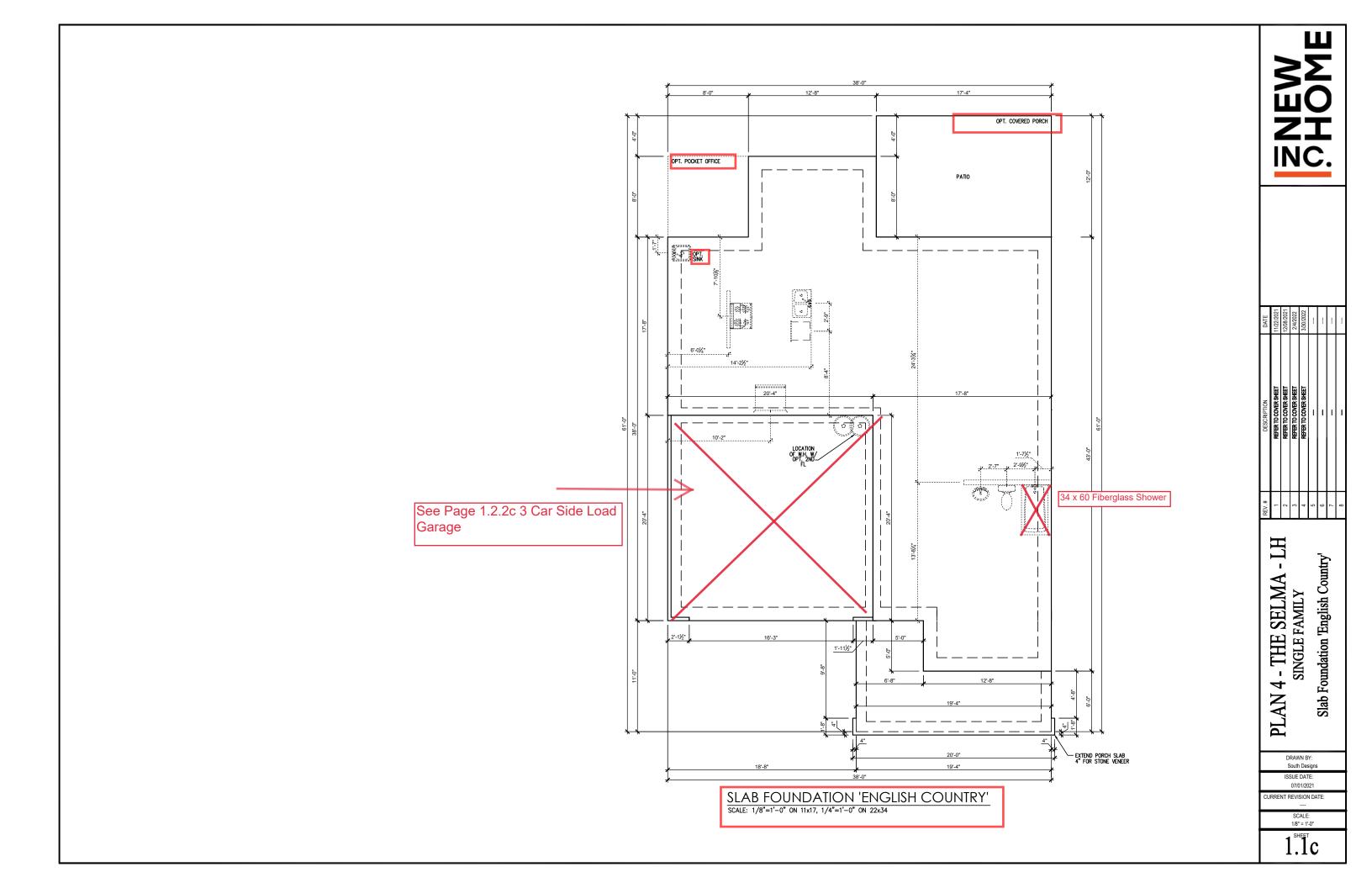
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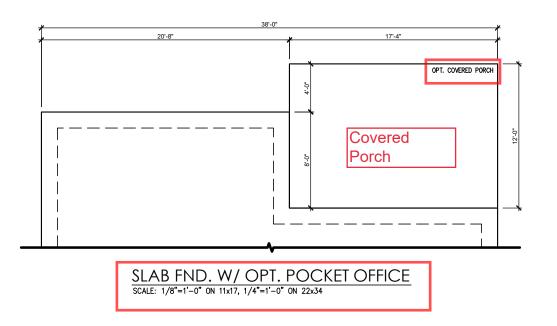
PLAN

South Designs ISSUE DATE 7/1/2021 CURRENT REVISION DATE:

> SCALE: 1/8" = 1'-0" SHEET

0.0c





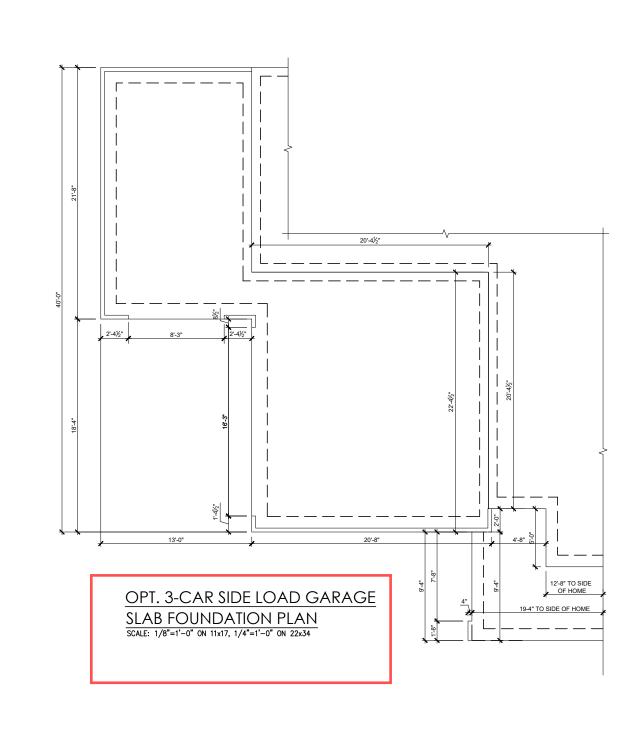
	REV.#	DESCRIPTION	DATE
	1	REFER TO COVER SHEET	11/22/2021
- IIII DEPLATA	2	REFER TO COVER SHEET	12/08/2021
CINCI E FANTI V	3	REFER TO COVER SHEET	2/4/2022
	4	REFER TO COVER SHEET	3/30/2022
	9		
	9	-	
Slab Foundation Ontions 'Fnolish Country'	2		
frame confirmation of the	8	_	-

DRAWN BY: South Designs

ISSUE DATE: 07/01/2021

CURRENT REVISION DATE:

SCALE: 1/8" = 1'-0"





DATE								
DESCRIPTION								
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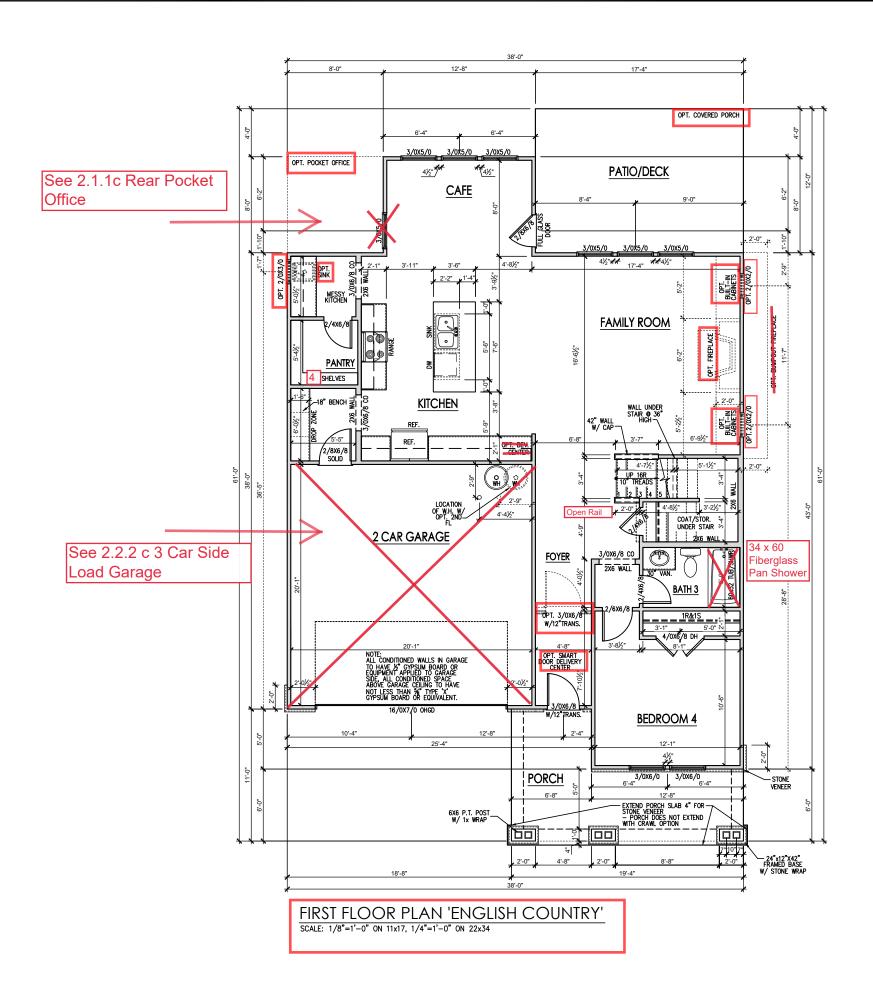
PLAN 4 - THE SELMA - LH

ISSUE DATE: 7/1/2021

CURRENT REVISION DATE:

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

- Wall Heights: Typically 9°-1 1/2" at first floor and 8'-1 1/2" at second floor and affics U.N.O. All walls are constructed using a double top plate. Splices at Double Top Plate do not need to occur at Verifical 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.
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- 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.
- Soffits, Coffered Ceilings, Trey 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.
- 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.
- 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.
- 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.
- 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 quards.
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- 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.





REV.#	DESCRIPTION	DATE	
1	REFER TO COVER SHEET	11/22/2021	
2	REFER TO COVER SHEET	12/08/2021	
3	REFER TO COVER SHEET	2/4/2022	
4	REFER TO COVER SHEET	3/30/2022	
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PLAN 4 - THE SELMA - I SINGLE FAMILY First Floor Plan 'English Country'

> DRAWN BY: South Designs

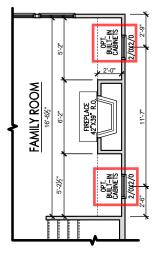
07/01/2021 CURRENT REVISION DATE

> SCALE: 1/8" = 1'-0"

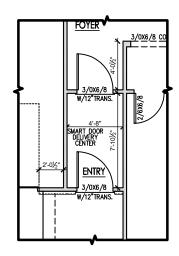
2.1c

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

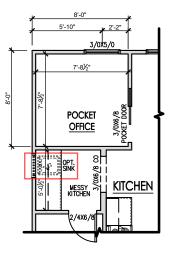
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OPT. INTERIOR FIREPLACE
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



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



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

NEW C.

PLAN 4 - THE SELMA - SINGLE FAMILY
First Floor Plan Options

DRAWN BY: South Designs

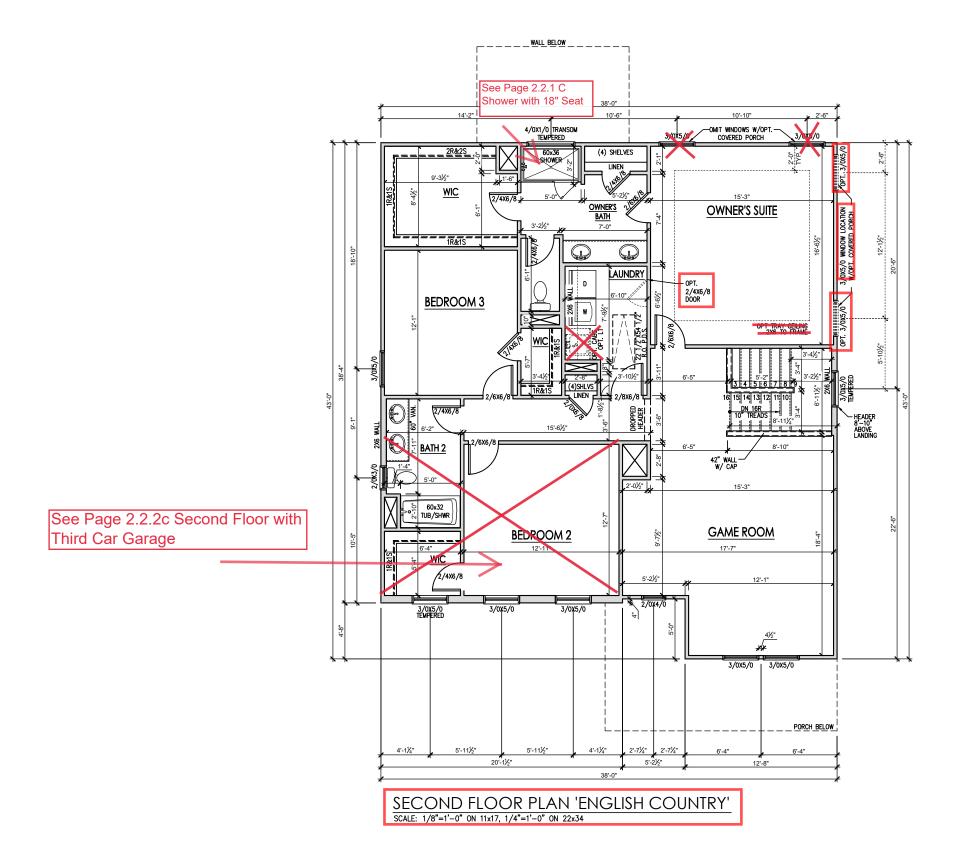
ISSUE DATE: 07/01/2021 CURRENT REVISION DATE:

> SCALE: 1/8" = 1'-0"

2.1.10

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DATE	11/22/2021	12/08/2021	2/4/2022	3/30/2022				
DESCRIPTION	REFER TO COVER SHEET	-	-	1	-			
REV.#	1	2	3	4	2	9	7	8

PLAN 4 - THE SELMA - L SINGLE FAMILY Second Floor Plan 'English Country'

> DRAWN BY: South Designs

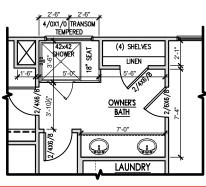
ISSUE DATE: 07/01/2021 CURRENT REVISION DATE:

> SCALE: 1/8" = 1'-0"

2.2c

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OPT. SHOWER W/ 18" SEAT SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

Fiberglass Pan with Tile Walls



DESCRIPTION

DRAWN BY: South Designs

Second Floor Plan Options

ISSUE DATE:

- THE SELMA

4

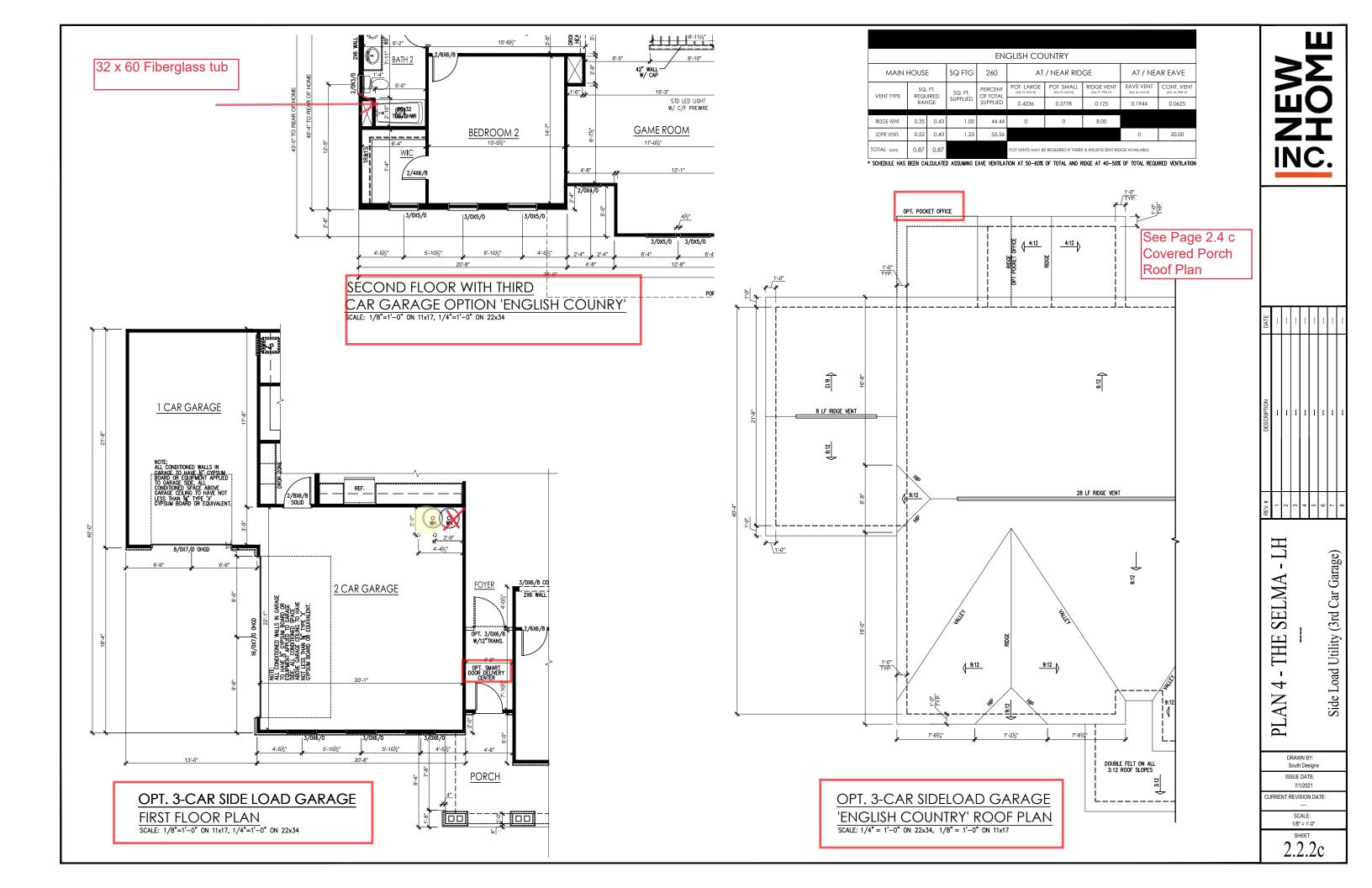
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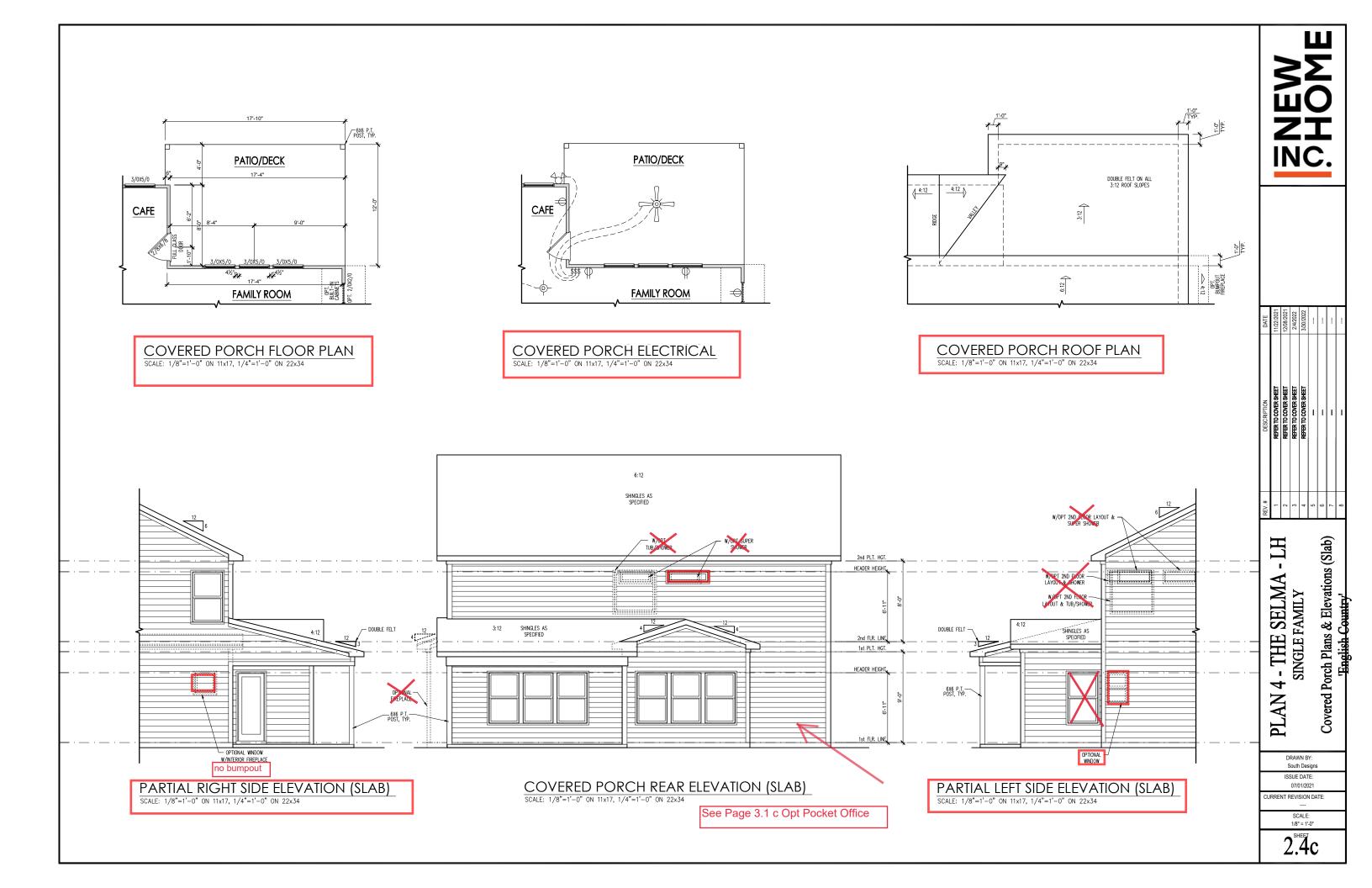
SINGLE FAMILY

07/01/2021 CURRENT REVISION DATE:

> SCALE: 1/8" = 1'-0" SHEET

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General Elevation Notes

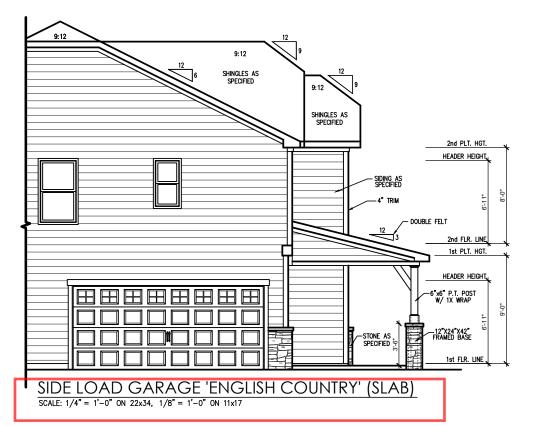
General Elevation Notes shall apply unless noted otherwise on plan.

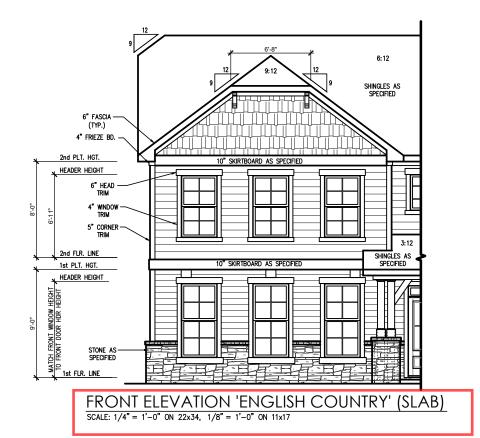
- Roof shall be finished with architectural composition shingles with slopes as noted on plan.
- Ridge Vent shall be provided and installed on all ridges greater than 6' in length per manufacturer's specifications.
- 3. Soffit Vent shall be continuous soffit vent
- House Wrap, "tyvek" or approved equal shall be installed over entire exterior wall per manufacturer's specifications and recommendations.
- 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.
- 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.
- Finish Wall Material shall be as noted on elevation drawings.
- 8. Brick Veneer, if included on elevation shall be fled to wall surface with galvanized corrugated metal fles of a rate of 24" oc horizontally and 16" oc vertically so that no more than 2.67sf of brick is supported by (1) fle. 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 corosion resistant material and shall be installed so that if laps under the house wrap material and sind in a rate of 48" oc and shall not be less than 3/16" in diameter and shall be located immediately above flashing.
- 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	4'-0"		3-1/2" x 3-1/2" x 5/16"
4'-1" 1	ło	5'-6"	4" x 3-1/2" x 5/16" LLV
5'-7" 1	ło	6'-6"	5" x 3-1/2" x 5/16" LLV
6'-7" i	ło	8'-4"	6" x 3-1/2" x 5/16" LLV
8'-5" 1	ło	16'-4"	7" x 4" x 3/8" LLV





See Page 2.6 c 3 Car Side Load Front Elevation

DATE	11/22/2021	12/08/2021	2/4/2022	3/30/2022				-
DESCRIPTION	REFER TO COVER SHEET	-	-	-	-			
REV.#	1	2	3	4	2	9	7	8

PLAN 4 - THE SELMA SINGLE FAMILY

Side Load Garage Elevations (Slab) English Country'

DRAWN BY: South Designs

ISSUE DATE: 07/01/2021

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

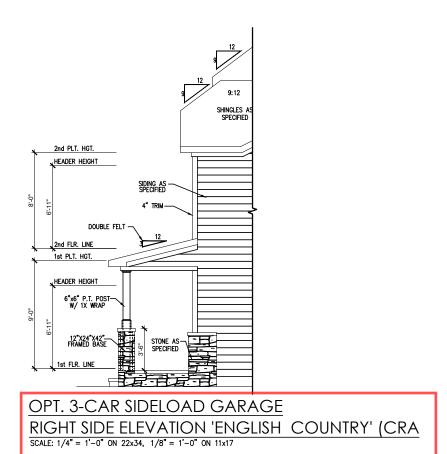
2.5c

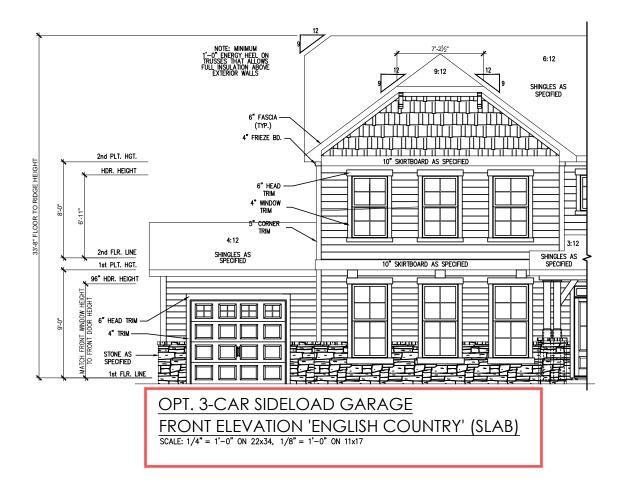
General Elevation Notes

General Elevation Notes shall apply unless noted otherwise on plan.

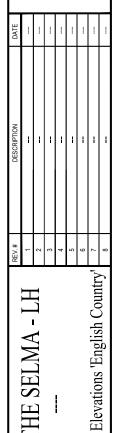
- Roof shall be finished with architectural co shingles with slopes as noted on plan.
- Ridge Vent shall be provided and installed on all ridges greater than 6' in length per manufacturer's specifications.
- 3. Soffit Vent shall be continuous soffit vent
- House Wrap, "tyvek" or approved equal shall be installed over entire exterior wall per manufacturer's specifications and recommendations.
- 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.
- Porch Railings shall be provided at all porch walking surfaces greater than 30" above adjacent finished grade. It shall be 35" high with guards spaced no more than 4" apart. Consult community specifications for material.
- Finish Wall Material shall be as noted on elevation drawings
- Brick Veneer, if included on elevation shall be fied to wall surface with galvanized corrugated metal fies at a rate of 24° oc horizontally and 16° oc vertically so that no more than 2.674 of brick is supported by (1) fie. Space between face of wall and back face of brick shall be limited to a maximum of 1°. Ratshing 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 flaps under the house wap 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.
- 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 1/800.

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









SELMA THE 4 PLAN.

South Designs

Side Load Garage

ISSUE DATE 7/1/2021

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

> SHEET 2.6c

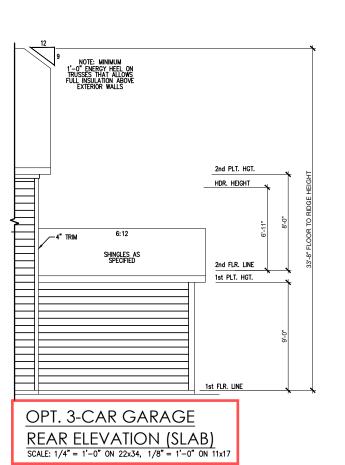
noted otherwise on plo

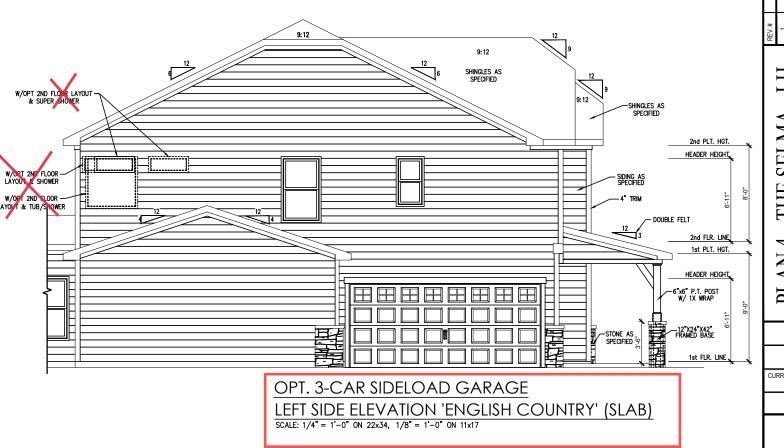
- Roof shall be finished with architectural composition shingles with slopes as noted on plan
- Ridge Vent shall be provided and installed on all ridges greater than 6' in length per manufacturer's specifications.
- 3. Soffit Vent shall be continuous soffit vent
- House Wrap, "tyvek" or approved equal shall be installed over entire exterior wall per manufacturer's specifications and recommendations.
- 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.
- 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.
- Finish Wall Material shall be as noted on elevation drawings.
- Brick Veneer, if included on elevation shall be tied to wall surface with galvanized corrugated metal ties at a rate of 24" oc harizontally and 16" oc vertically so that no more than 2.67st 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.
- 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". Massonry Lintels shall be provided so that deflection is limited to L/600.

Masonry Openina Lintel Schedule

nina	Size			

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









PLAN 4 - THE SELMA - LH
---Side Load Garage Elevations 'English Country

DRAWN BY: South Designs ISSUE DATE: 7/1/2021

7/1/2021

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

2.6.1c

General Elevation Notes

General Elevation Notes shall apply unless noted otherwise on plan.

- Roof shall be finished with architectural composition shingles with slopes as noted on plan.
- 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
- House Wrap, "tyvek" or approved equal shall be installed over entire exterior wall per manufacturer's specifications and recommendations.
- 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.
- 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.
- 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 lies 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 warp 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.
- 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.

asonry Opening Lintel Schedule

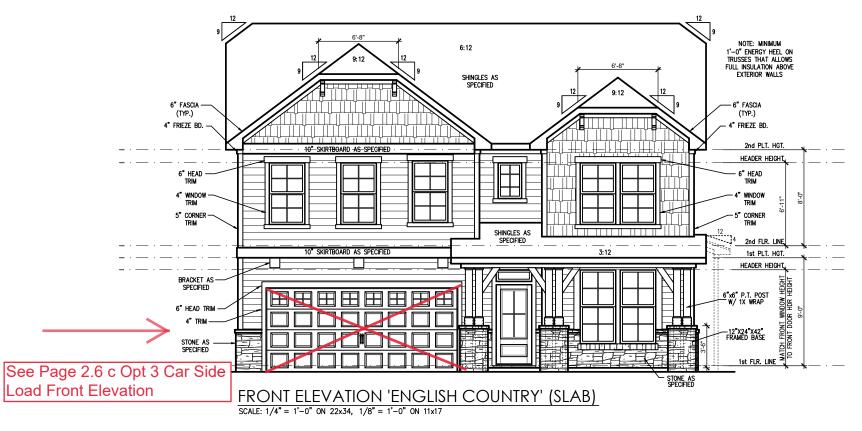
Opening Size Angle

 up to 4'-0"
 3-1/2" x 3-1/2" x 5/16"

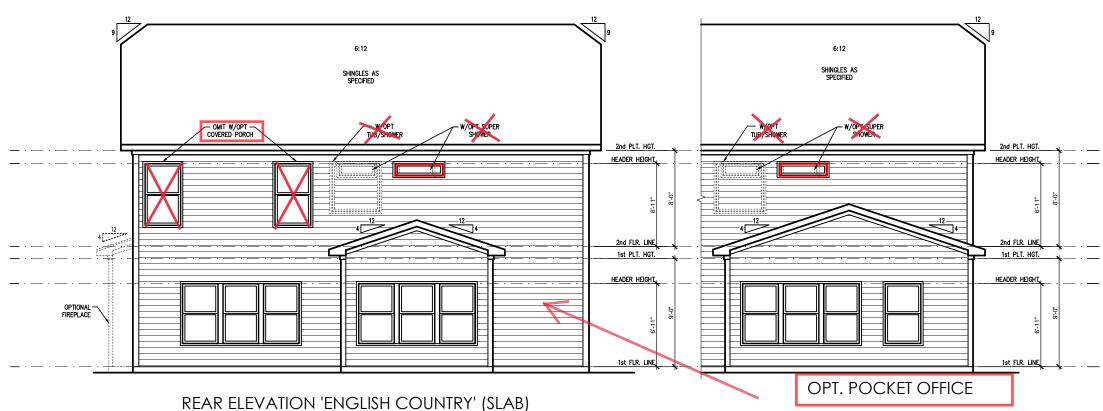
 4'-1" to 5'-6"
 4" x 3-1/2" x 5/16" LLV

 5'-7" to 6'-6"
 5" x 3-1/2" x 5/16" LLV

 8'-5" to 16'-4"
 7" x 4" x 3/8" LLV



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



AND MC.

DATE	11/22/2021	12/08/2021	2/4/2022	3/30/2022				1
DESCRIPTION	REFER TO COVER SHEET	· · · · · · · · · · · · · · · · · · ·			-			
REV.#	-	2	3	4	2	9	7	8

PLAN 4 - THE SELMA - LH
SINGLE FAMILY
Front & Rear Elevations (Slab) 'English
Country'

DRAWN BY:
South Designs
ISSUE DATE:
07/01/2021
JRRENT REVISION DATE:

SCALE: 1/8" = 1'-0"

3.1c

General Elevation Notes

General Elevation Notes shall apply unless noted otherwise on plan.

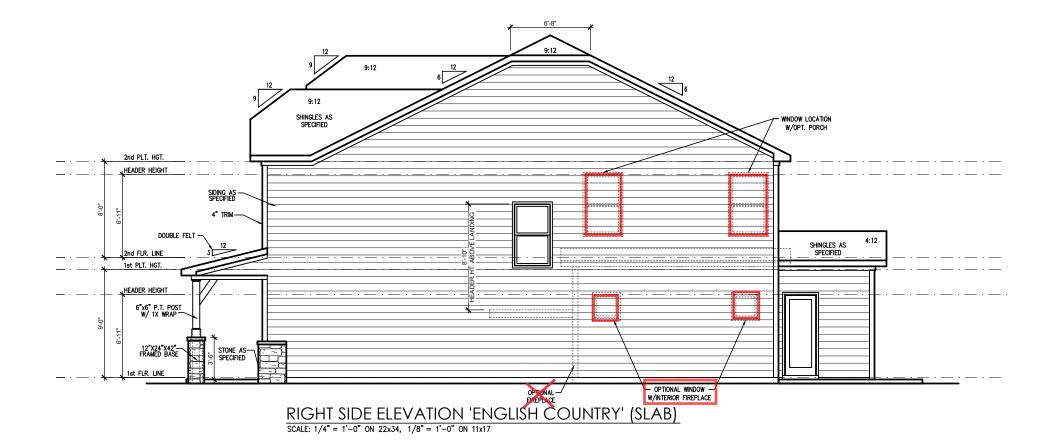
- Roof shall be finished with architectural c shingles with slopes as noted on plan.
- Ridge Vent shall be provided and installed on all ridges greater than 6' in length per manufacturer's specifications.
- Soffit Vent shall be continuous soffit vent
- House Wrap, "tyvek" or approved equal shall be installed over entire exterior wall per manufacturer's
- 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.
- 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
- Finish Wall Material shall be as noted on elevation
- 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 2.674 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 lays under the house wrap material a minimum of 2".

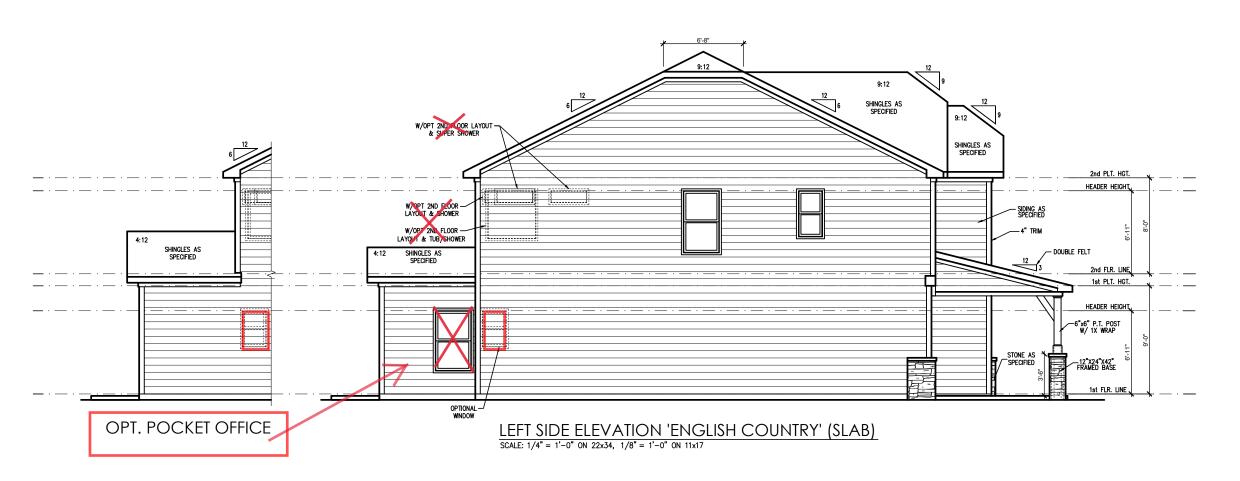
 Weepholes shall be provided at a rate of 48" oc and shall not be less than 3/16" in diameter and shall be located immediately above flashing.
- Brick Veneer Support Lintels shall be provided if brick veneer is included on elevation. Lintels shall be provided as listed in the following schedule and shall 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 S	ize	Angle
up to 4'-0"		3-1/2" x 3-1/2" x 5/1
4'-1" to	5'-6"	4" x 3-1/2" x 5/16" LL

5" x 3-1/2" x 5/16" LLV 6" x 3-1/2" x 5/16" LLV 7" x 4" x 3/8" LLV







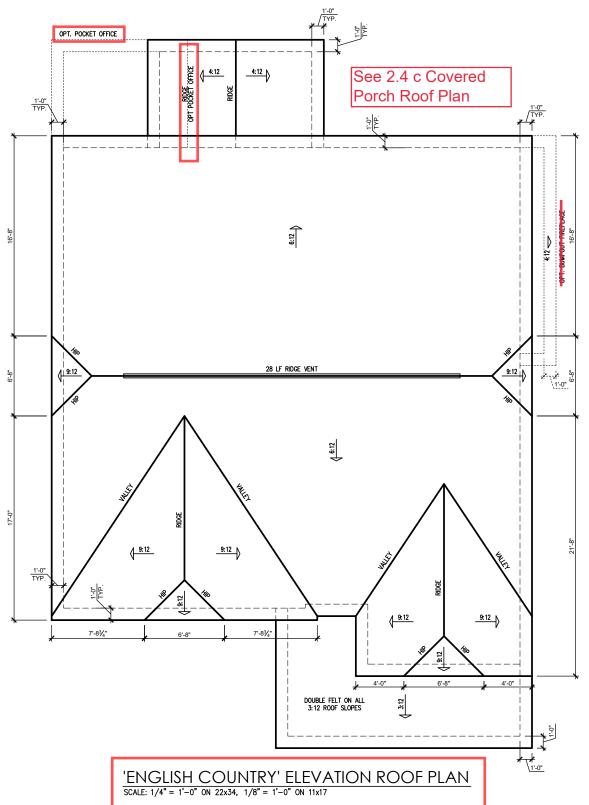
V.# DESCRIPTION DATE	1 REFER TO COVER SHEET 11/22/2021	2 REFER TO COVER SHEET 12/08/2021	3 REFER TO COVER SHEET 2/4/2022	4 REFER TO COVER SHEET 3/30/2022		9		
REV.#	1	2	3	4	2	9	7	8

4 - THE SELMA - LH Side Elevations (Slab) 'English Country' PLAN,

> South Designs ISSUE DATE: 07/01/2021

> > SCALE: 1/8" = 1'-0"

URRENT REVISION DATE:



See Page 2.2.2c 3 Car Side Load Garage Roof

Plan

	ATTIC VENT SCHEDULE												
	'ENGLISH COUNTRY' ELEVATION												
MAIN	HOUSE		SQ FTG	1514	AT / NEAR RIDGE AT / NEAR EA			AR EAVE					
VENT TYPE	VENT TYPE SQ. FT. REQUIRED RANGE		SQ. FI. OF TOTAL	PERCENT OF TOTAL	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)				
			SUPPLIED	SUPPLIED	0.4236	0.2778	0.125	0.1944	0.0625				
RIDGE VENT	2.02	2.52	3.50	48.28	0 0 28.00								
SOFFIT VENTS	3.03	2.52	3.75	51.72	0 60.00								
TOTAL (MIN)	5.05	5.05	7.25	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

PLAN 4 - THE SELMA - LH SINGLE FAMILY Roof Plan 'English Country'

> DRAWN BY: South Designs

ISSUE DATE: 07/01/2021

SCALE: 1/8" = 1'-0"

 3.3^{SHEET}

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



PROJECT # 21-2817-LH

ROJECT 1-2817-L1 so swill so will received.

cument.

does not include construction means, methods, techniqu
quences, procedures or safety precautions.

ry deviations or discrepancies on plans are to be brought to
such construction of Southern Engineers. Failure to do so

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SOUTH DESIGNS

04 -The Selma - LH
NEW HOME, INC.

Plan 04 -Tl

17'-4" — 24"x24"xIO" — CONC. FTG. WITH OPT. COV'D PATIO PATI0 -30"x30"x10" CONC. FTG. 12'-6<mark>|</mark>" 30"x30"x10" -CONC. FTG. 30"x30"x10" CONC. FTG. IO4A SD I8" WIDE × IO" DEEP CONC. FTG. (TYP.) SLAB FND. W/ OPT. POCKET OFFICE
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

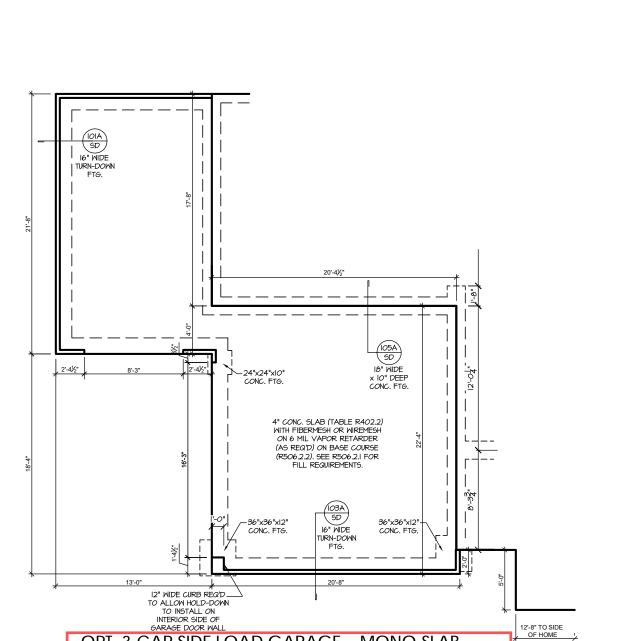
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PROJECT # 21-2817-LH

SOUTH DESIGNS

Plan 04 -The Selma - LH NEW HOME, INC.

S-1.1



OPT. 3-CAR SIDE LOAD GARAGE - MONO-SLAB

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PROJECT # 21-2817-LH

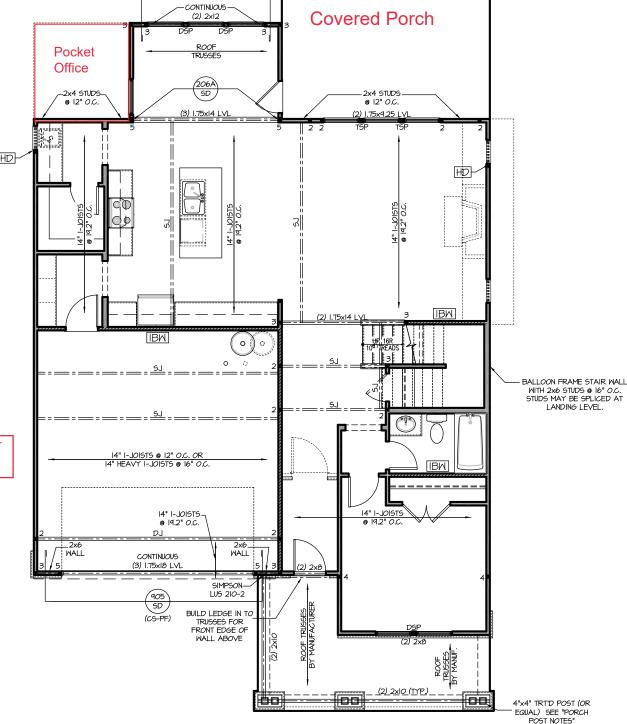
SOUTH DESIGNS

Selma NEW HOME, INC. Plan 04 .

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

See Page S - 1.1.2 3 Car Side Load Garage

See Page S -2.1.1



FIRST FLOOR PLAN 'ENGLISH COUNTRY'

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

PORCH POST NOTES:

- 4"x4" (6"x6") TRT'D 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: %" ANCHOR (EMBED 7")

 CMU: %" ANCHOR (EXTEND TO FOOTING HIGH WIND ONLY)
- POST BASE: WOOD FOUNDATION: (2) SIMPSON CSI6 STRAPS AT POSTS. EXTEND 12" ONTO EACH POST (UPPER AND LOWER) OR TO GIRDER.
- NOTE: EQUIVALENT POST CAP AND BASE ACCEPTABLE.

HEADER/BEAM & COLUMN NOTES

- I. ALL EXTERIOR AND LOAD BEARING HEADERS SHALL SUPPORT STUD, UNLESS NOTED OTHERWISE.
- 2. 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 NCDOI COMMENTARY "KING STUDS AT WALL OPENINGS" REVISED 1-9-2020:
- UP TO 3' SPAN: (I) 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

FRAMING NOTES

NC (2018 NCRC): 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.
- 2. EXTERIOR WALL SHEATHING: WALLS SHALL BE BRACED BY SHEATHING WALLS ON ALL STORIES WITH WOOD STRUCTURAL PANEL SHEATHING (MSP) (EXPOSURE B: 17/16", EXPOSURE C: 15/32").
 SHEATHING SHALL BE ATTACHED WITH 8d NAILS AT A 6"/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" = HOLDOWN: 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.
- 5. INTERIOR BRACED WALL: (NOTED AS "IBM" ON PLANS) ATTACH I/2" GYPSIM 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.
- 6. INTERIOR BRACED WALL-WOOD STRUCTURAL PANEL: (NOTED AS "IBM-MSP" ON PLANS). ATTACH ONE SIDE WITH 1/6" WSP SHEATHING WITH 8d NAILS AT A 6"/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 I/2" GB WITH A MIN. OF 5d COOLER NAILS OR #6 SCREWS @ 7" OC ALONG THE EDGES AND AT



(SHALL BE ONE OF THE FOLLOWING):

- TJI 210 BY TRUS JOIST LPI 20 PLUS BY LP

HEAVY I- JOISTS

(SHALL BE ONE OF THE FOLLOWING OR EQUAL):

TJI 360 BY TRUS JOIST

LPI 42 PLUS BY LP

- ALL MOOD 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
- HANGERS FOR I-JOISTS ARE THE RESPONSIBILITY OF THE I-JOIST SUPPLIER.

- DESIGNED IN ACCORDANCE WITH SEALED STRUCTURAL PLANS. ANY NEED TO CHANGE TRUSSES SHALL BE COORDINATED WITH SOUTHERN ENGINEERS.
- ALL TRUSSES SHALL BE DESIGNED FOR BEARING ON
- ALL REQUIRED ANCHORS FOR TRUSSES DUE TO UPLIFT

WOOD I-JOISTS

- BCI 5000s I.8 BY BC

- FLOOR TRUSSES BY THE MANUFACTURER MAY BE SUBSTITUTED FOR I-JOISTS.

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

- TRUSS SYSTEM LAYOUTS (PLACEMENT PLANS) SHALL BE
- TRUSS SCHEMATICS (PROFILES) SHALL BE PREPARED AND SEALED BY TRUSS MANUFACTURER.
- SPF #2 OR #3 PLATES OR LEDGERS (UNO).

OR BEARING SHALL MEET THE REQUIREMENTS AS SPECIFIED ON THE TRUSS SCHEMATICS.

to be brought to t Failure to do so wi

PROJECT #

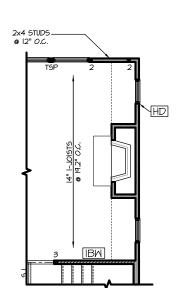
21-2817-LH

one year from date of seal. oval of terms & conditions

P.A. 27609 Engineers, Drive, Raleigh, NC ?

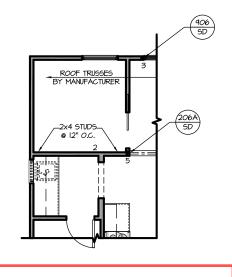
Southern Engi 3716 Benson Drive, Ra Phone: (919) 8

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

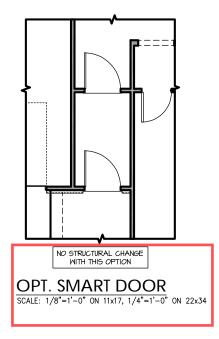




OPT. INTERIOR FIREPLACE
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



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.

PROJECT # 21-2817-LH

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SOUTH DESIGNS

Plan 04 -The Selma - LH NEW HOME, INC.

TRUSS SYSTEM REQUIREMENTS

NC (2018 NCRC): 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
- TRUSS SCHEMATICS (PROFILES) SHALL BE PREPARED AND SEALED BY TRUSS MANUFACTURER.
- ALL TRUSSES SHALL BE DESIGNED FOR BEARING ON SPF #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 NCDOI COMMENTARY "KING STUDS AT WALL OPENINGS" REVISED 1-9-2020:
- UP TO 3' SPAN: (I) 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

FRAMING NOTES

NC (2018 NCRC): 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.
- 2. 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"/12" NAILING PATTERN (6" OC AT PANEL EDGES AND 12" OC AT INTERMEDIATE SUPPORTS). INSTALL BLOCKING AT ALL
- 3. 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
- 4. "HD" = HOLDOWN: 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.)
- SHIEL (OK EQUIV)

 **UPPER FLOORS: ATTACH BASE OF KING STUD MITH 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/ (7)
- 5. 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
- 6. INTERIOR BRACED WALL-WOOD STRUCTURAL PANEL: (NOTED AS "IBW-WSP" ON PLANS). ATTACH ONE SIDE WITH 1/6" WSP SHEATHING WITH 8d NAILS AT A 6"/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 I/2" GB WITH A MIN. OF 5d COOLER NAILS OR #6 SCREWS @ 7" OC ALONG

PORCH POST NOTES:

- 4"x4" (6"x6") TRT'D 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.
- 3. POST BASE: SIMPSON ABU44 (ABU66).
- MONO: 5" ANCHOR (EMBED 7")

 CMU: 5" ANCHOR (EXTEND TO FOOTING HIGH WIND
- 4. POST BASE: WOOD FOUNDATION: (2) SIMPSON CSI6 STRAPS AT POSTS. EXTEND 12" ONTO EACH POST (UPPER AND LOWER) OR TO GIRDER.
- NOTE: EQUIVALENT POST CAP AND BASE ACCEPTABLE.

MOOD I-JOISTS

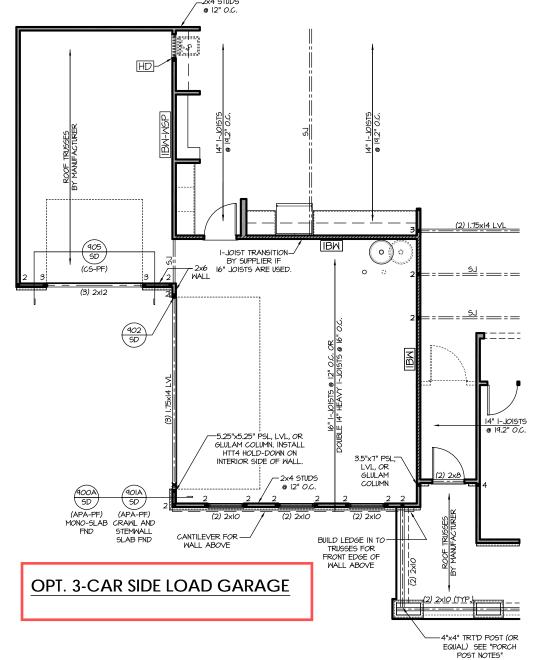
- (SHALL BE ONE OF THE FOLLOWING):

 TJI 210 BY TRUS JOIST
- IPI 20 PIUS BY IP BCI 5000s I.8 BY BC

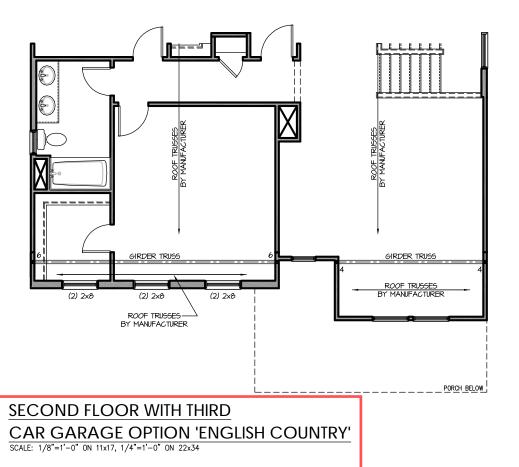
HEAVY I- JOISTS

(SHALL BE ONE OF THE FOLLOWING OR EQUAL):

- TJI 360 BY TRUS JOIST LPI 42 PLUS BY LP
- BCI 60s 2.0 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
- FLOOR TRUSSES BY THE MANUFACTURER MAY BE SUBSTITUTED FOR I-JOISTS.







REFER TO "SD" SHEET(S) FOR STANDARD DETAILS BRACING DETAILS AND STRUCTURAL NOTES. PROJECT # 21-2817-LH

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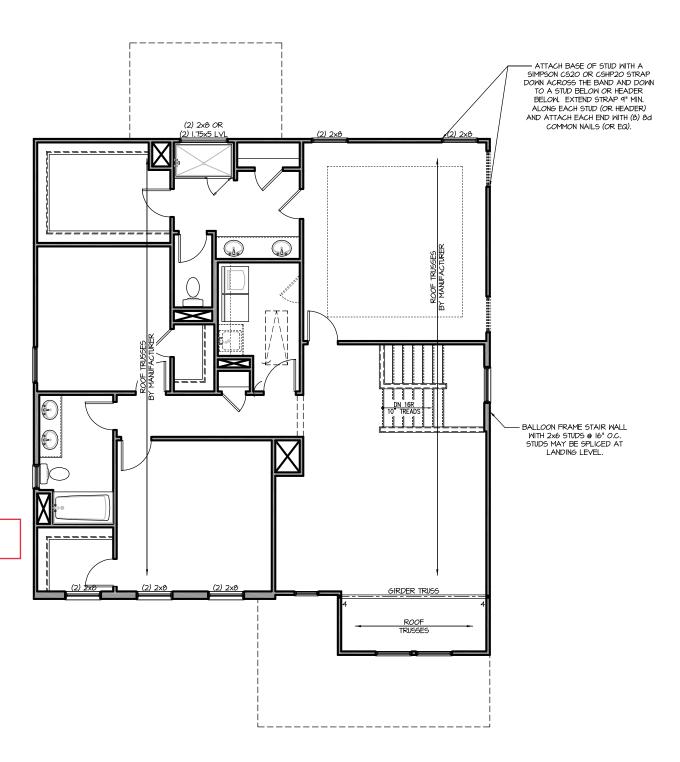
P.A. 27609 Engineers, Drive, Raleigh, NC e: (919) 878-1617 Drive, R. ne: (919) Southern 3716 Benson D

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DESIGNS SOUTH]

Selma HOME,

Plan



See Page S- 2.1.2 Second Floor with Third Car Garage

SECOND FLOOR PLAN 'ENGLISH COUNTRY'

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

TRUSS SYSTEM REQUIREMENTS NC (2018 NCRC): 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
- 2. TRUSS SCHEMATICS (PROFILES) SHALL BE PREPARED
- ALL TRUSSES SHALL BE DESIGNED FOR BEARING ON SPF #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

- I. ALL EXTERIOR AND LOAD BEARING HEADERS SHALL BE MIN. (2)2x6 (4" WALL) OR (3)2x6 (6" WALL) WITH (I) SUPPORT STUD, UNLESS NOTED OTHERWISE.
- 2. 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 NCDOI 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

FRAMING NOTES NC (2018 NCRC): Wind: 115-120 mph

- BRACING METHOD AND TYPE: CONTINUOUSLY SHEATHED WSP: CS-MSP. NOTE THAT THE MALL 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.
- 2. EXTERIOR WALL SHEATHING: WALLS SHALL BE BRACED BY SHEATHING WALLS ON ALL STORIES WITH WOOD STRUCTURAL PANEL SHEATHING (WGP) (EXPOSURE B: 17/16", EXPOSURE C: 15/32").
 SHEATHING SHALL BE ATTACHED WITH 8d NAILS AT A 6"/12" NAILING PATTERN (6" OC AT PANEL EDGES AND 12" OC AT INTERMEDIATE SUPPORTS). INSTALL BLOCKING AT ALL PANEL EDGES.
- 3. WSP SHEATHING SHALL EXTEND TO THE UPPERMOST DOUBLE BEARING PLATE. BLOCK AT ROOF PER SECTION R602.IO.4.5 AND ATTACH BRACED WALLS PER CODE. WSP SHEATHING BETWEEN FLOORS SHALL BE SPLICED ALONG CONTINUOUS BAND OR THE WSF SHEATHING MAY BE SPLICED ACROSS STUDS (CONTINUOUS ACROSS FLOOR SYSTEM) WITH BLOCKING AT PANEL EDGES. (MINIMUM 12" BEYOND FLOOR BREAK) OR OTHER APPROVED METHOD.
- 4. "HD" = HOLDOWN: 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.)
- STEEL (OR EQUIV)

 "IMPER FLOORS: ATTACH BASE OF KING STUD WITH A SIMPSON

 G522 STRAP DOWN ACROSS THE BAND AND DOWN TO A STUD

 BELOW OR HEADER BELOW, EXTEND STRAP T' MIN ALONG EACH

 STUD (OR HEADER) AND ATTACH EACH END W (1) 8d NALS.
- 5. INTERIOR BRACED WALL: (NOTED AS "IBM" ON PLANS) ATTACH I/2" GYPSIM BOARD (GB) ON EACH SIDE OF WALL WITH A MIN. OF 5d COOLER NAILS OR #6 SCREWS ® 1" O.C. ALONG THE EDGES AND AT INTERMEDIATE SUPPORTS.
- 6. INTERIOR BRACED WALL-WOOD STRUCTURAL PANEL: (NOTED AS "IBM-WSP" ON PLANS). ATTACH ONE SIDE WITH 1/6" WSP SHEATHING MITH 8d NAILS AT A 6"/12" NAILING PATTERN (6" OC AT PANEL EDGES AND 12" OC AT INTERMEDIATE SUPPORTS). INSTALL BLOCKING AT ALL PANEL EDGES, ATTACH 6B OVER WSP AS REQUIRED. ATTACH OPPOSITE SIDE WITH I/2" 6B WITH A MIN. OF 5d COOLER NAILS OR #6 SCREWS @ 7" OC ALONG THE EDGES AND AT



PROJECT #

21-2817-LH

P.A. 27609

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SOUTH DESIGNS

Selma Plan

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



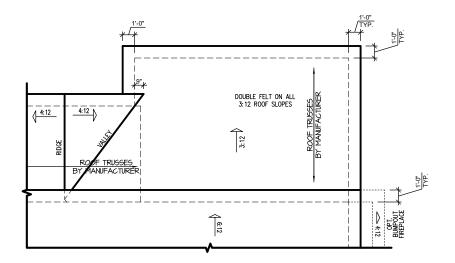
(2) 2xIO OR— (2) 1.75x5 LVL OPT. SHOWER W/ 18" SEAT SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34 Southern Engineers, P.A. 3716 Benson Drive, Raleigh, NC 27609 Phone: (919) 878-1617 License: C-4772 www.southernengineers.com

PROJECT # 21-2817-LH

SOUTH DESIGNS

Plan 04 -The Selma - LH NEW HOME, INC.

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



_6"x6" TRT'D POST (OR EQUAL) _ SEE "PORCH POST NOTES" 905 SD (CS-PF) CONTINUOUS (2) 2xl2 206A SD 2x4 STUDS (2) <u>1.75x9.25</u> LV

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

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

6:12 SHINGLES AS SPECIFIED 2nd PLT. HGT. HEADER HEIGHT -DOUBLE FELT 2nd FLR. LINE 1st PLT. HGT. HEADER HEIGHT 1st FLR. LIN

W/OPT 2ND FLOOR LAYOUT -& SUPER SHOWER W/OPT 2ND FLOOR— LAYOUT & SHOWER W/OPT 2ND FLOOR_ LAYOUT & TUB/SHOWER SHINGLES AS SPECIFIED 6X6 P.T.— POST, TYP.

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

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

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

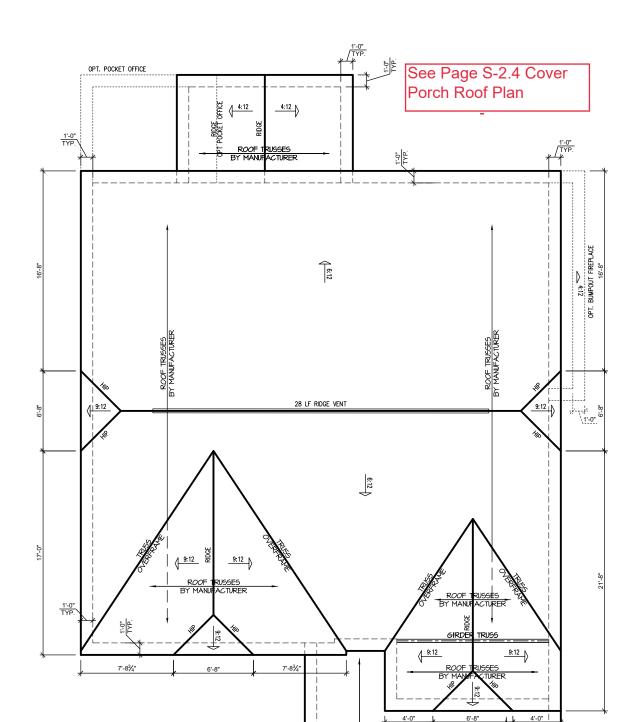
REFER TO "SD" SHEET(S) FOR STANDARD DETAILS, BRACING DETAILS AND STRUCTURAL NOTES.

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SOUTH DESIGNS

Selma NEW HOME, INC. -The Plan 04 .



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

DOUBLE FELT ON ALL S. S. 12 ROOF SLOPES

ROOF TRUSSES — BY MANUFACTURER



TRUSS SYSTEM REQUIREMENTS NC (2018 NCRC): 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
- TRUSS SCHEMATICS (PROFILES) SHALL BE
 PREPARED AND SEALED BY TRUSS MANUFACTURER.
- ALL TRUSSES SHALL BE DESIGNED FOR BEARING ON SPF #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.

ATTIC VENT SCHEDULE																			
'ENGLISH COUNTRY' ELEVATION																			
MAIN HOUSE SQ FTG 1514 AT / NE							GE	AT / NEAR EAVE											
VENT TYPE	SQ. REQL		SQ. FT.											PERCENT OF TOTAL	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)
	RAN	IGE	SUPPLIED	SUPPLIED	0.4236	0.2778	0.125	0.1944	0.0625										
RIDGE VENT	2.02	2.52	3.50	48.28	0	0	28.00												
SOFFIT VENTS	3.03	2.52	3.75	51.72				0	60.00										
TOTAL (MIN)	5.05	5.05	7.25	100.00	POT VENTS MAY BE REQUIRED IF THERE IS INSUFFICIENT RIDGE AVAILABLE														

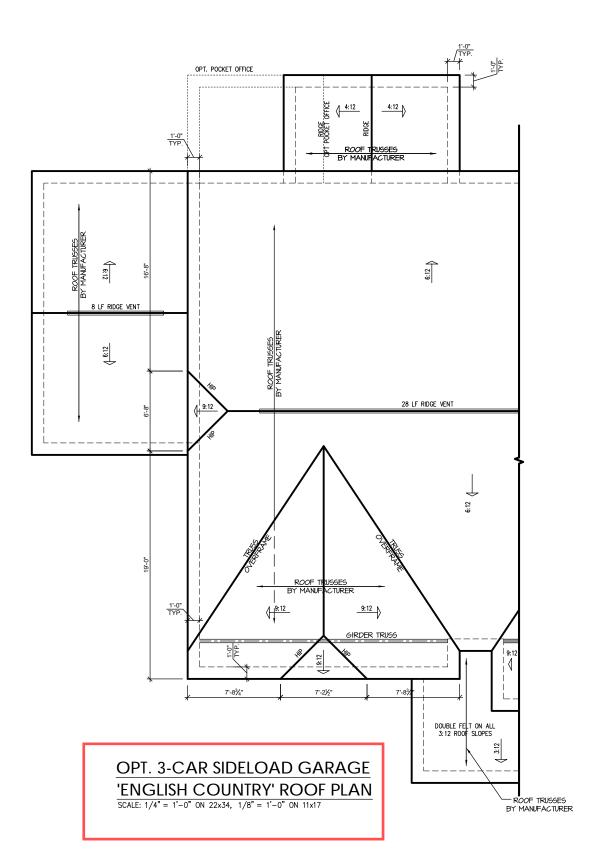
* SCHEDULE HAS BEEN CALCULATED ASSUMING EAVE VENTILATION AT 50-60% OF TOTAL AND RIDGE AT 40-50% OF TOTAL REQUIRED VENTILATION

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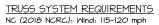
SOUTH DESIGNS

Selma NEW HOME, Plan 04



	ATTIC VENT SCHEDULE											
	ENGLISH COUNTRY											
MAIN HOUSE SQ FTG 260					AT / NEAR RIDGE			AT / NEAR EAVE				
VENT TYPE	VENT TYPE SQ. FT. REQUIRED RANGE		SQ. FT.	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)			
			SUPPLIED		0.4236	0.2778	0.125	0.1944	0.0625			
RIDGE VENT	0.35	0.43	1.00	44.44	0 0 8.00							
SOFFIT VENTS	0.52	0.43	1.25	55.56	0 20.00							
TOTAL (MIN)	0.87	0.87	2.25	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



- 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 SPF #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



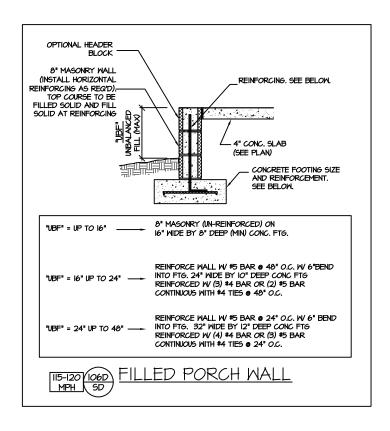
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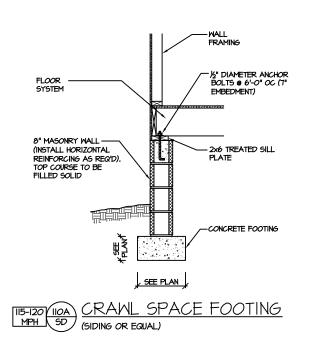
Southern Engineers, P.A.
3716 Benson Drive, Raleigh, NC 27609
Phone: (919) 878-1617
License: C-4772

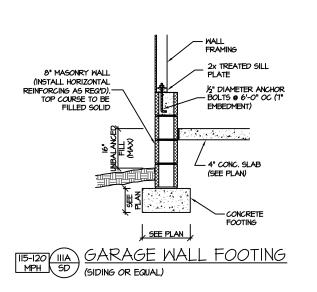
SOUTH DESIGNS

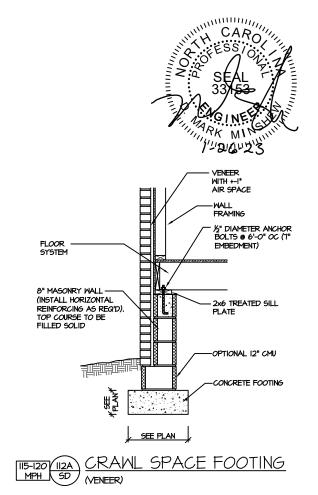
Selma NEW HOME, 4 Plan

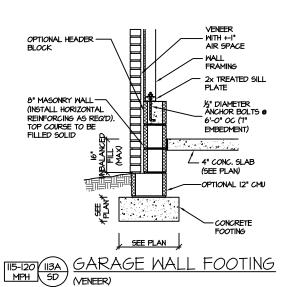
REFER TO "SD" SHEET(S) FOR STANDARD DETAILS, BRACING DETAILS AND STRUCTURAL NOTES.





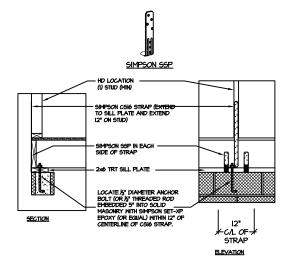






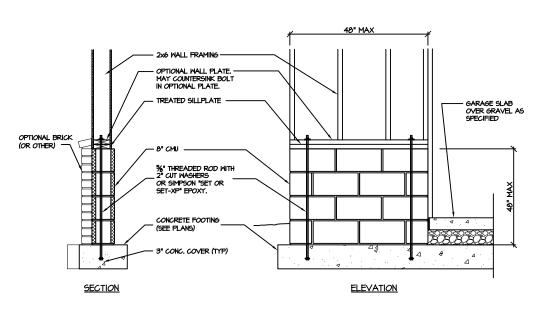
(FOR UNBALANCED FILL EXCEEDING 16" O.C.

SEE DETAIL "IO6D/SD")



BRACED WALL END CONDITION " HD" HOLD-DOWN DETAIL

NOTE: SIMPSON DTT-IZ IS ACCEPTABLE ALTERNATE
NOTE: ALTERNATE HD HOLD-DOWN DEVICES OR SYSTEMS MAY
BE USED TO MEET THE CODE REQUIRED 800 LB CAPACITY IN
LIEU OF THE ABOVE DETAIL.



GARAGE 'WING WALL' REINFORCING
PER IRC FIGURE R602.10.4.3

CRAWL SPACE FOUNDATION

PROJECT # 21-2817

re to be brought to the s. Failure to do so will from date of seal.

toes not include construction means, methods, technique does not enderes, procedures or safety precautions. everything ordinarions on plans are to be brought to eldine attention of Southern Engineers. Failure to do so vo Southern Engineer's liability.

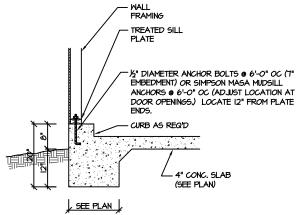
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NEW HOME, INC

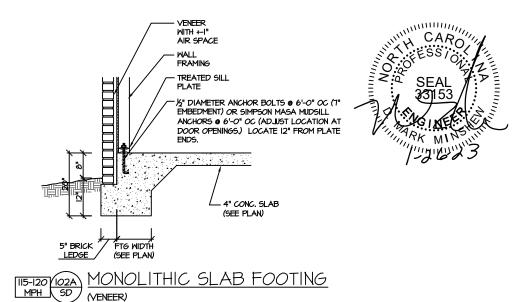
PLAN 4 - THE SELMA

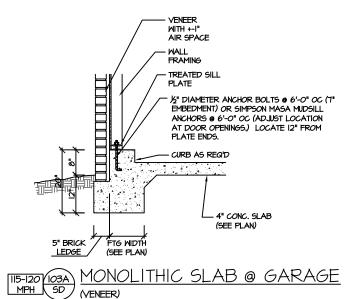
SD



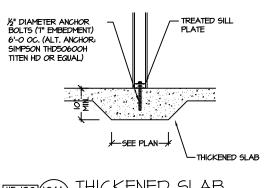


(SIDING OR EQUAL)

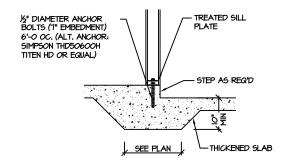




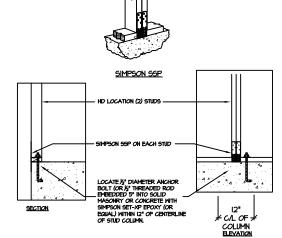
MPH SD (SIDING OR FOLK)











BRACED WALL END CONDITION "HD"

HOLD-DOWN DETAIL

NOTE: SIMPSON DTT-IZ IS ACCEPTABLE ALTERNATE NOTE: ALTERNATE HD HOLD-DOWN DEVICES OR SYSTEMS MAY BE USED TO MEET THE CODE REQUIRED 800 LB CAPACITY IN LIEU OF THE ABOVE DETAIL.

SLAB FOUNDATION

PROJECT # 21-2817

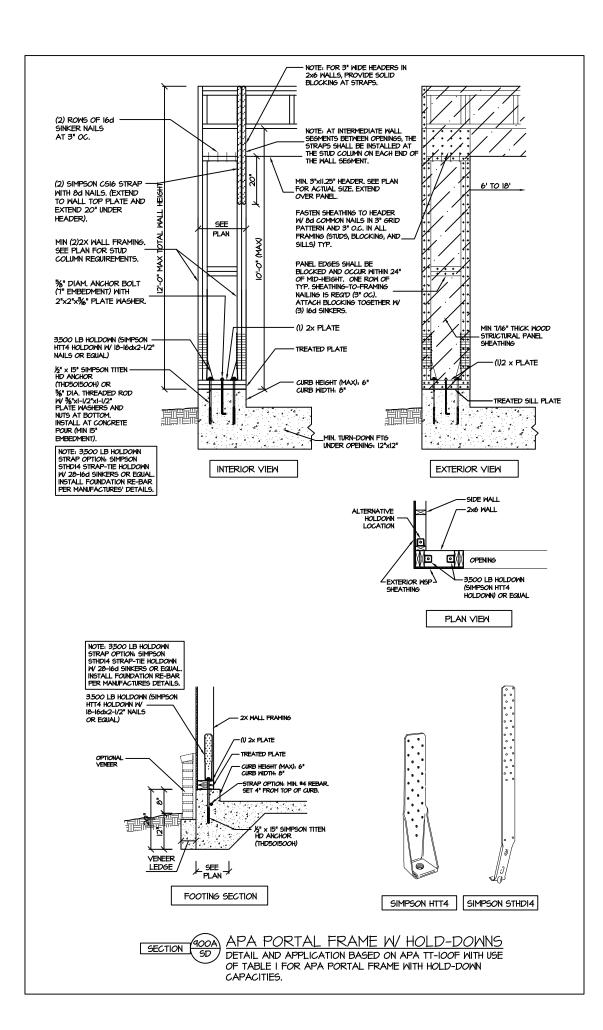
P.A. 27609 Southern Engineers, P 3716 Benson Drive, Raleigh, NC 27 Phone: (919) 878-1617 License: C-4772

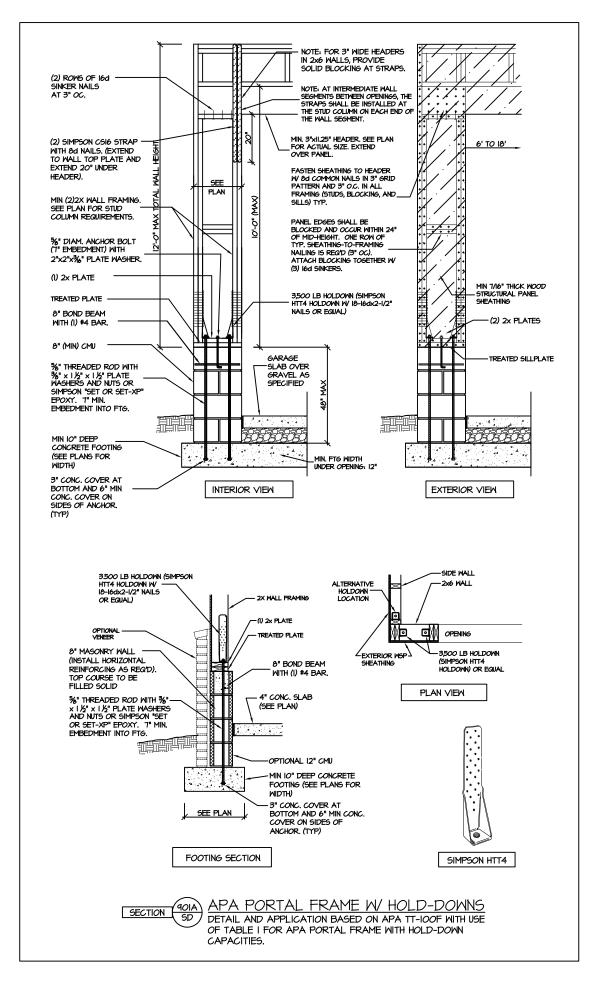
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INC NEW HOME,

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SD







PROJECT # 21-2817

P.A. 27609

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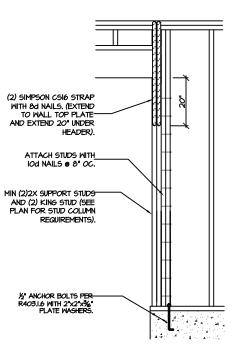
SD

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CS-PF: CONTINUOUS PORTAL FRAME CONSTRUCTION

CS-PF - OVER WOOD FLOOR

DETAIL AND APPLICATION BASED ON NORC FIGURE R602.IO.I - PORTAL FRAME CONSTRUCTION



<u> CS-PF: END CONDITION DETAIL</u> (FOR USE WITH SINGLE CS-PF CONDITION) DETAIL AND APPLICATION BASED ON NORC FIGURE R602.IO.I - PORTAL FRAME CONSTRUCTION



STRUCTURAL NOTES

NC (2018 NCRC): Wind: 115-120 mph

- I. ENGINEER'S SEAL APPLIES ONLY TO STRUCTURAL COMPONENTS INCLUDING ROOF RAFTERS, HIPS, VALLEYS, RIDGES, FLOORS, WALLS, BEAMS AND HEADERS, COLUMNS, CANTILEVERS, OFFSET LOAD BEARING WALLS, PIER & GIRDER SYSTEM, FOOTING, AND PILING SYSTEM. ENGINEER'S SEAL DOES NOT CERTIFY DIMENSIONAL ACCURACY OR ARCHITECTURAL LAYOUT INCLIDING ROOF SYSTEM. ALL REQUIREMENTS FOR PROFESSIONAL CERTIFICATION SHALL BE PROVIDED BY THE APPROPRIATE PROFESSIONAL. SOUTHERN ENGINEERS, P.A. CERTIFIES ONLY THE STRUCTURAL COMPONENTS AS SPECIFICALLY STATED
- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF THE 2018 NC RESIDENTIAL CODE, 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, NOR WILL THE ENGINEER BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, "CONSTRUCTION REVIEW" SERVICES ARE NOT PART OF OUR CONTRACT ALL MEMBERS SHALL BE FRAMED ANCHORED, TIED AND BRACED IN ACCORDANCE WITH 600D CONSTRUCTION PRACTICE AND THE BUILDING CODE.
- 3. DESIGN LOADS (LISTED AS: LIVE LOAD, DEAD LOAD, DEFLECTION)
- ROOMS OTHER THAN SLEEPING ROOMS: (40 PSF, IO PSF, L/360)
- SLEEPING ROOMS: (30 PSF, IO PSF, L/360)
- ATTIC WITH PERMANENT STAIR: (40 PSF, IO PSF, L/360)
- ATTIC WITHOUT PERMANENT STAIR: (20 PSF, I/0 PSF, L/360) ATTIC WITHOUT STORAGE: (10 PSF, I/0 PSF, L/240)
- STAIRS: (40 PSF, IO PSF, L/360)
 DECKS AND EXTERIOR BALCONIES: (40 PSF, IO PSF, L/360)
- PASSENGER VEHICLE GARAGES: (50 PSF, 10 PSF, L/360)
- SNOW: (20 PSF)
- MALLS SHALL BE BRACED BY SHEATHING WALLS ON ALL STORIES WITH MOOD STRUCTURAL PANELS. SEE FRAMING NOTES FOR THICKNESS AND NAILING REQUIREMENTS.
- 5. SEE APPENDIX M (DCA6) FOR EXTERIOR DECK REQUIREMENTS INCLUDING ATTACHMENTS FOR
- 6. CONCRETE SHALL HAVE A MINIMUM 26 DAY STRENGTH OF 3000 PSI AND A MAXIMUM SLUMP OF 5 INCHES UNLESS NOTED OTHERWISE (UNO). AIR ENTRAINED PER TABLE 402.2. ALL CONCRETE SHALL BE PROPORTIONED, MIXED, HANDLED, SAMPLED, TESTED, AND PLACED IN ACCORDANCE WITH ACI STANDARDS, ALL SAMPLES FOR PUMPING SHALL BE TAKEN FROM THE EXIT END OF THE PUMP. CONTROL JOINTS IN SLABS SHALL BE SPACED ON A GRID OF +30 TIMES THE DEPTH (D). CONTROL JOINTS SHALL BE SANCUT TO A DEPTH OF I/D. (I.E. 4" CONCRETE SLABS SHALL HAVE 1/4" DEEP CONTROL JOINTS SAWCUT IN SLAB ON A +-10'-0" x +-10'-0" GRID)
- ALLOWABLE SOIL BEARING PRESSURE ASSUMED TO BE 2000 PSF. THE CONTRACTOR MUST CONTACT A GEOTECHNICAL ENGINEER AND THE STRUCTURAL ENGINEER IF UNSATISFACTORY SUBSURFACE CONDITIONS ARE ENCOUNTERED. THE SURFACE AREA ADJACENT TO THE FOUNDATION WALL SHALL BE PROVIDED WITH ADEQUATE DRAINAGE, AND SHALL BE GRADED SO AS TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS.
- 8. ALL FRAMING LUMBER SHALL BE SPF #2 (Fb = 875 PSI) UNLESS NOTED OTHERWISE (UNO). ALL TREATED LUMBER SHALL BE SYP # 2. PLATE MATERIAL MAY BE SPF # 3 OR SYP #3 (Fc(perp) =
- q. L.V.L. SHALL BE LAMINATED VENEER LIMBER: Fb=2600 PSI, Fv=285 PSI, E=1.9xIO PSI.
 q.I. P.S.L. SHALL BE PARALLEL STRAND LIMBER: Fb=2400 PSI, Fv=240 PSI, E=2.0xIO PSI.
 q.2. L.S.L. SHALL BE LAMINATED STRAND LIMBER: Fb=2250 PSI, Fv=400 PSI, E=1.55xIO PSI. INSTALL ALL CONNECTIONS PER MANUFACTURERS INSTRUCTIONS.
- IO. ALL ROOF TRUSS AND I-JOIST LAYOUTS SHALL BE PREPARED IN ACCORDANCE WITH THE SEALED STRUCTURAL DRAWINGS. TRUSSES AND I-JOISTS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURE'S SPECIFICATIONS. ANY CHANGE IN TRUSS OR I-JOIST LAYOUT SHALL BE COORDINATED WITH SOUTHERN ENGINEERS
- II. ALL STRUCTURAL STEEL SHALL BE ASTM A-36. STEEL BEAMS SHALL BE SUPPORTED AT EACH END WITH A MINIMUM BEARING LENGTH OF 3 1/2" INCHES AND FULL FLANGE MIDTH, PROVIDE SOLID BEARING FROM BEAM SUPPORT TO FOUNDATION. BEAMS SHALL BE ATTACHED TO EACH SUPPORT MITH TIMO LAG SCRENG (1/2" DIAMETER x 4" LONG). LATERAL SUPPORT 15 CONSIDERED ADEQUATE PROVIDING THE JOIST ARE TOE NAILED TO THE SOLE PLATE, AND SOLE PLATE IS NAILED OR BOLTED TO THE BEAM FLANGE @ 48" O.C. ALL STEEL TUBING SHALL BE ASTM A500.
- 12. REBAR SHALL BE DEFORMED STEEL, ASTM615, GRADE 60. LAP ALL REBAR SPLICES 30 BAR
- 13. FLITCH BEAMS SHALL BE BOLTED TOGETHER USING (2) ROWS OF 1/2" DIAMETER BOLTS (ASTM A325) MITH WASHERS PLACED INDER THE THREADED END OF BOLT. BOLTS SHALL BE SPACED AT 24" O.C. (MAX), AND STAGGERED AT THE TOP AND BOTTOM OF BEAM (2" EDGE DISTANCE),
- I4. BRICK LINTELS (WHEN REQUIRED) SHALL BE 3 I/2'x3 I/2'x1/4" STEEL ANGLE FOR UP TO 6'-0" SPAN AND 6'x4'x5/16" STEEL ANGLE WITH 6" LEG VERTICAL FOR SPANS UP TO 9'-0". SEE PLANS FOR SPANS OVER 9'-0". SEE ALSO SECTION RT03.8.3 LINTELS.

PROJECT # 21-2817

P.A. 27609

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