REVISION LOG

REVISION:001

DATE: 11/22/21

Adjust option square footages to accurately show the differences from the base plan square footage totals.

REVISION:002

- 1. RELOCATE FRONT DOOR TO ALIGN W/ GARAGE WALL. ADJUST FOUNDATION AND OPTIONS
- 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
- 4. DIMENSION & LOCATE BED #4 CLOSET DOOR 5'-0" FROM EXTERIOR WALL.
- 5. CHANGE DOOR WIDTH FROM 2/6 TO 2/4 @ BATH #3, BED #3 CLOSET, BATH #2, BED #2
- CLOSET AND OPT. BED #5.

 6. 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 PIREPLACE FOR A 42 X39 NO. FOR PIREDUX.

 10. RELOCATE WALL UNDER STATE & NOTE © 35° WALL HT (VLJF.).

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

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

 13. DELETE OPTIONAL PAINTY DOOR LOCATION.

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

- ADD 8" DEEP CHASE BEHIND 2ND FL LINEN CLOSET O HALL
 RELOCATE WATER HEATER AT SIDELOAD GARAGE UNDER NEW LINEN CLOSET CHASE.
 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.

- 22. MAKE WC @ 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 FIND 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.
- 3/4 LITE ENTRY DOOR.
- 3/4 LIIE ENIRY DOOR.
 CREATE SHOWER OPTION WITH 18" SEAT.
 RESIZE STANDARD SHOWER TO 60X36. EXTEND FULL HEIGHT WALL AT STANDARD SHOWER.
 ADD 2x6 WALL JUST INSIDE EXTENDER WALL FOR OPT. SUPER SHOWER W/ OPT. 2ND FLOOR.
 ALL LINER CALLED OUT S. 6(4) SHELVES.
 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 COLUMNS TO 6X6 P.T. POST, NO WRAP.
 19. CHANGE ENTRY DOOR TO 3/4 LITE
- 19. CHANGE ENTRY DOUR TO 3/4 LIE.

 20. EXTEND PROCH 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
- 24. CHANGED THE OWNER'S BATH OPTION SUPER SHOWER MINDOWS TO (2)3010
 25. CHANGED THE OPTION 2ND FLOOR OWNER'S BATH WINDOWS TO (3)3010
 26. CHANGED THE OPTION 2ND FLOOR OWNER'S BATH OPTION SUPER SHOWER WINDOWS TO (2)3010
- 20. 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 GEORGIAN 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 LIPDATED THE WINDOW HEADER AT THE STAIR LANDING TO BE 8'-10" ABOVE LANDING
- OPDATED HE MINUM HEADER AT THE START ADMINING 10 BE 0 = 10 ABOVE D. 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 DELECTRICAL PLAN SHEETS

REVISION:005

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

REVISION:006

DATE: 5-11-2023

1. REVISE PATIO/DECK/COVERED PORCH FLOOR/FOUNDATION TO ADD 6".

REVISION:007

DATE: 7-28-24

1. ADD 3 NEW ELEVATIONS- CRAFTSMAN, FARMHOUSE & FRENCH COUNTRY.

10-3-24 - Redlines- JJ

129 DC - 367 Duncan Creek Rd., Lillington, NC 27546

NC.



2705 heated 677 unheated

PLAN 4 The Selma - LH **'CRAFTSMAN COUNTRY'**

eet 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
2.3	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
5.3	Third Car Garage Option Electrical

SQUARE	FOOT/	<u> 4GE</u>				
	'CRAFTSMAN' ELEVATION					
	UNHEATED	HEATED				
FIRST FLOOR	0	1194				
SECOND FLOOR	0	1447				
RONT PORCH (CRAWL)	51	0				
FRONT PORCH (SLAB)	52	0				
REAR PATIO/DECK	208	0				
2 CAR GARAGE	415	0				
SUBTOTALS	726	2641				
TOTAL UNDER ROOF	3367					
0	PTIONS					
	UNHEATED S.F.	HEATED S.F.				
OPT. POCKET OFFICE	0	+64				
FIREPLACE BUMPOUT	0	+34				
COVERED PATIO/DECK	210	0				
THIRD CAR GARAGE	+320	+51				

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		-						1
DESCRIPTION		-	1	1	1	1	1	
REV.#	1	2	3	4	2	9	7	8

Cover Sheet 'Craftsman'

THE SELMA

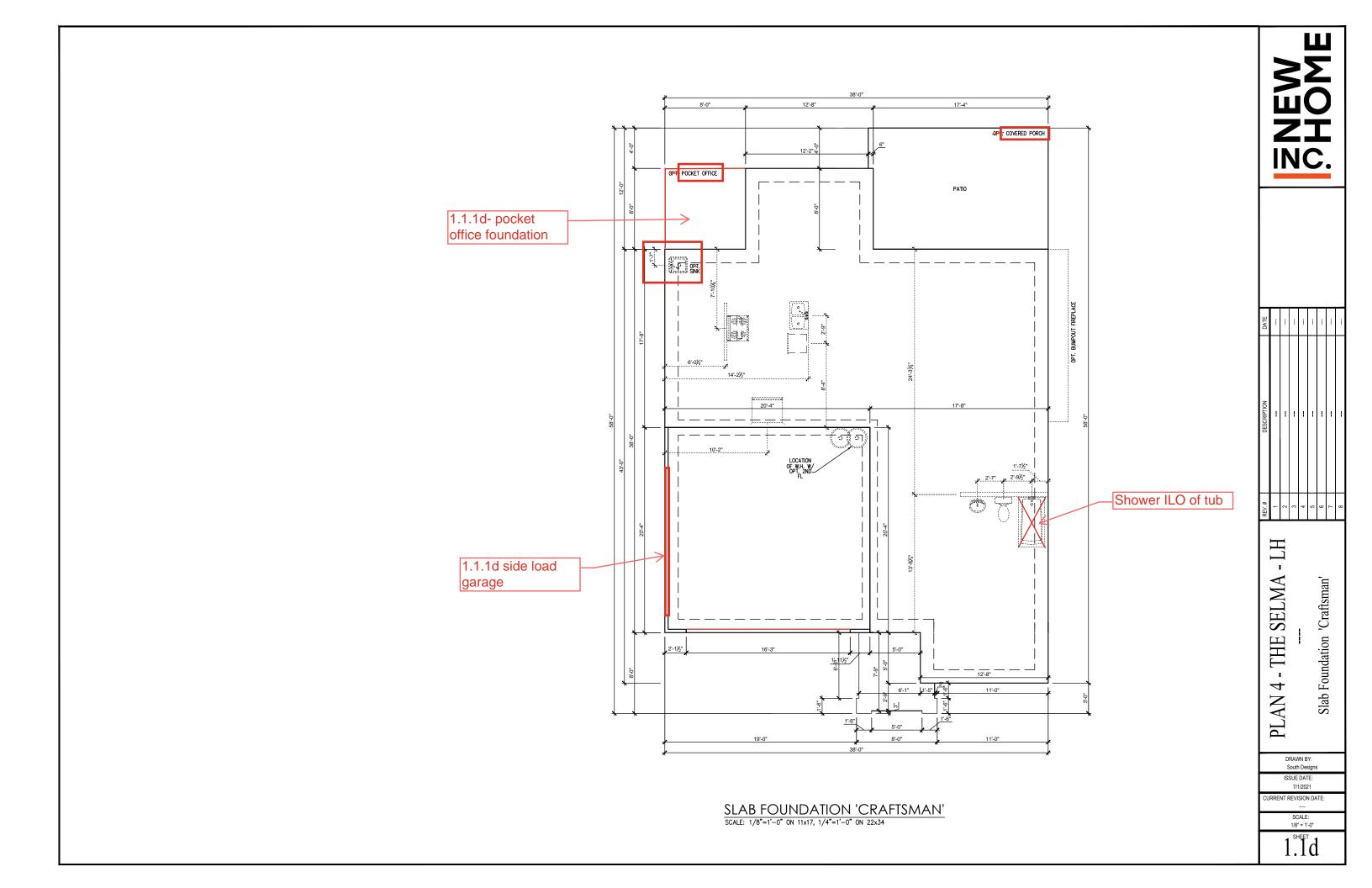
4

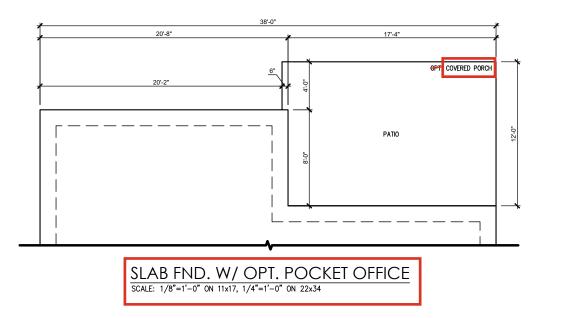
PLAN

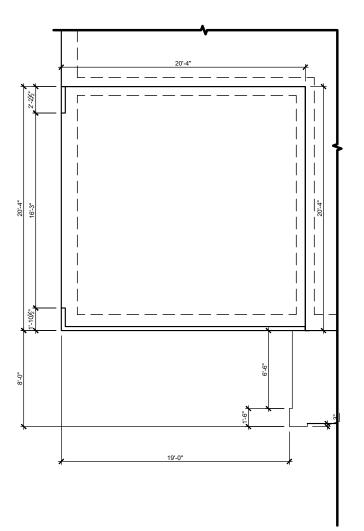
DRAWN BY: South Designs ISSUE DATE: 7/1/2021

RRENT REVISION DATE

1/8" = 1'-0"







SLAB FND. W/ OPT. SIDE LOAD GARAGE SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

REV.#	DESCRIPTION	DATE
1		
2		
3	1	
4	ł	
2	ł	
9	ł	
7	-	
8	-	1

PLAN 4 - THE SELMA - LH

Slab Foundation Options 'Craftsman'

DRAWN BY: South Designs

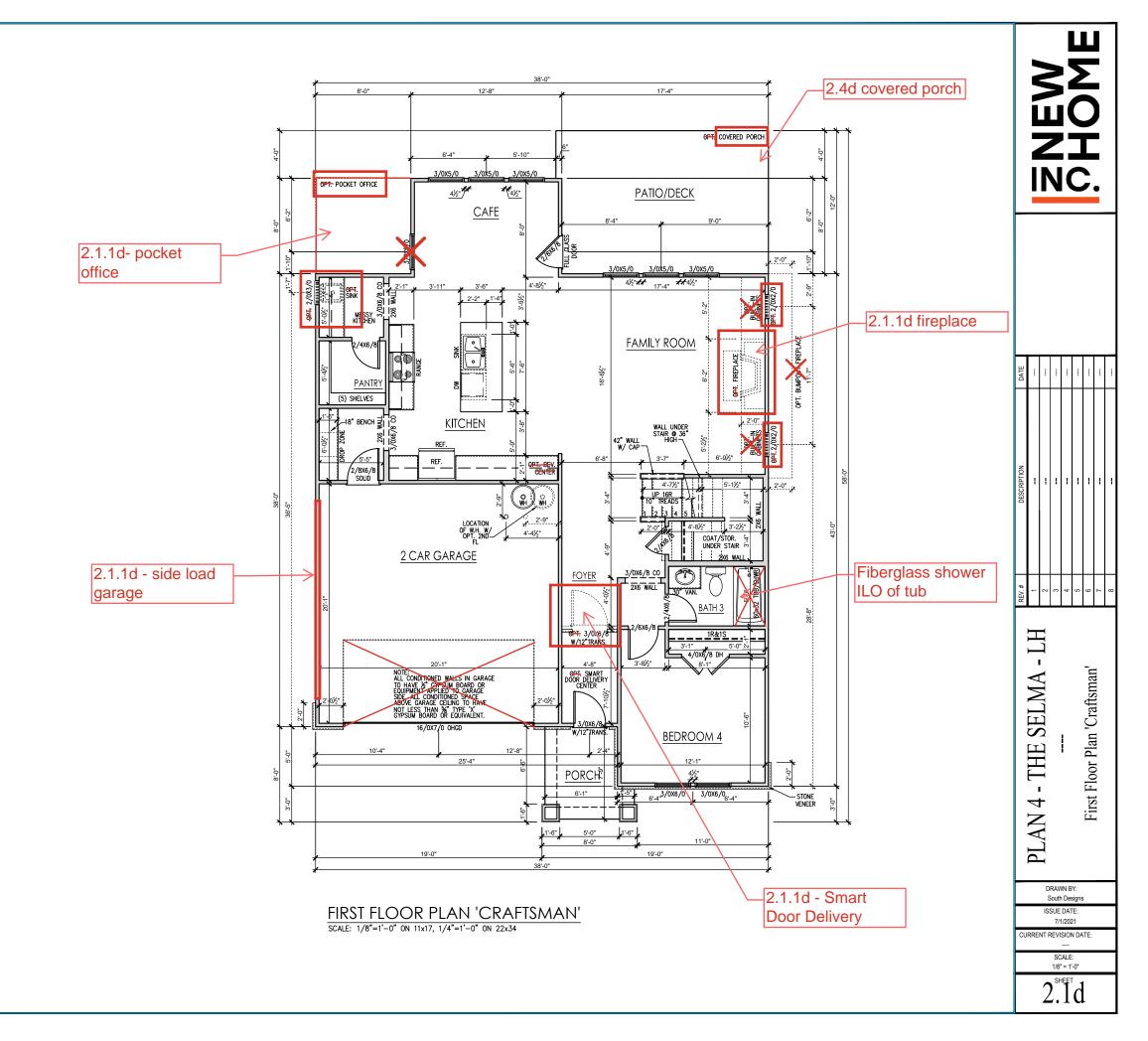
ISSUE DATE: 7/1/2021 CURRENT REVISION DATE:

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

1.1.1d

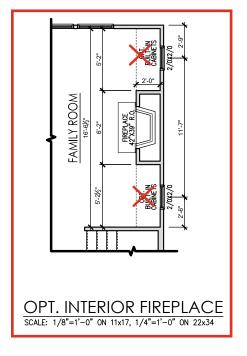
General Floor Plan Notes shall apply unless noted otherwise on plan.

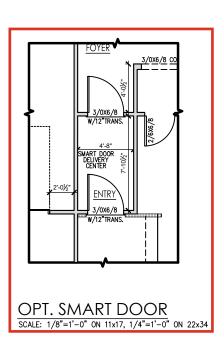
- Wall Heights: Typically 9"-1 1/2" at first floor and 8'-1 1/2" at second floor and affice U.N.O. All walls are constructed using a double top plate. Splices at Double Top Plate do not need to occur at Vertical Studs but must be at least 24" apart from Joint in other Top Plate layer. Special wall heights are noted on plans where they occur.
- 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.
- 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.
- 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
- 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 cabinety.
- 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.Handralls and Guards at stairs shall be 34" above the finished surface of the ramp surface of the stair. Handralls at landings and overlooks of multilevel spaces shall be 36" above finished floor. Guards (pickels 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.

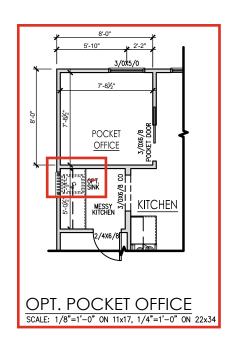


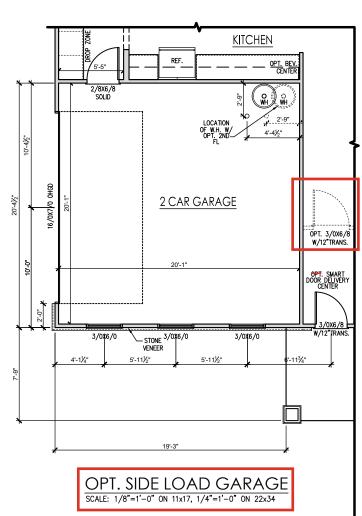
General Floor Plan Notes shall apply unless noted otherwise on plan.

- Wall Heights: Typically 9'-1 1/2" at first floor and 8'-1 You'reignis. Typiculy 7-11/2 an iss noot and 6-1 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 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.
- 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.
- 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
- 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.
- 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
- 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
- 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
- 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.













4

PLAN

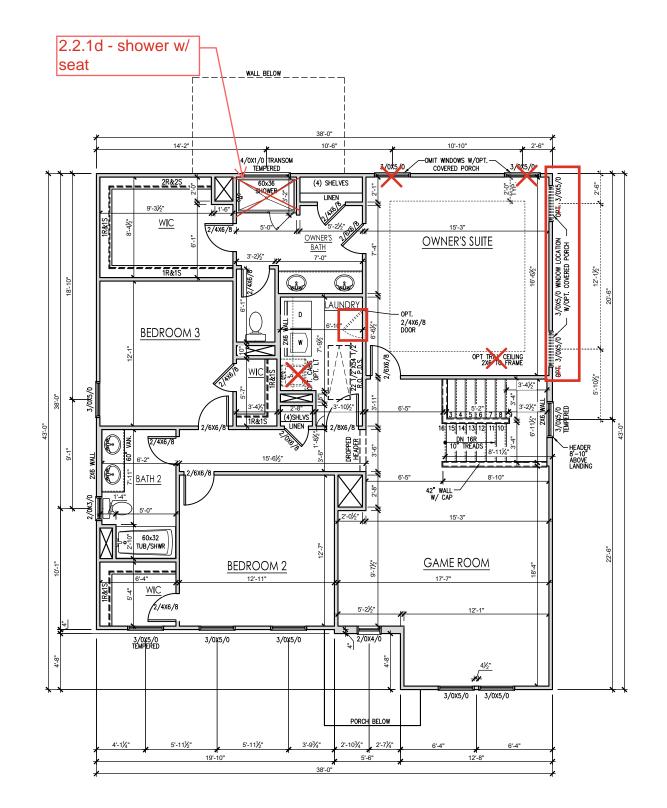
DRAWN BY: South Designs ISSUE DATE: 7/1/2021

IRRENT REVISION DATE:

1/8" = 1'-0"

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 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.
- 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.
- 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.
- 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 cabinety.
- 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 pontries 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.Handralls and Guards at stairs shall be 34" above the finished surface of the ramp surface of the stair. Handralls at landings and overlooks of multilevel spaces shall be 36" above finished floor. Guards (pickets o 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.



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

NEW SHOME

DATE			i	-				
DESCRIPTION								
REV.#	1	2	3	4	2	9	7	8

PLAN 4 - THE SELMA - L
--2.2d Second Floor Plan 'Craftsman'

DRAWN BY: South Designs

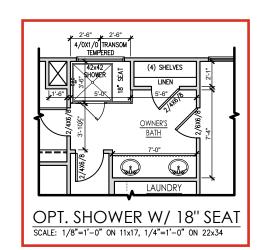
7/1/2021 URRENT REVISION DATE:

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

2.2d

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 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.
- 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.
- 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.
- 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 cabinety.
- 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 34" 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.



NEW C.

DATE									
DESCRIPTION			1	1	1	1	1		
REV.#	1	2	3	4	9	9	7	8	

PLAN 4 - THE SELMA

Second Floor Plan Options - Craftsman

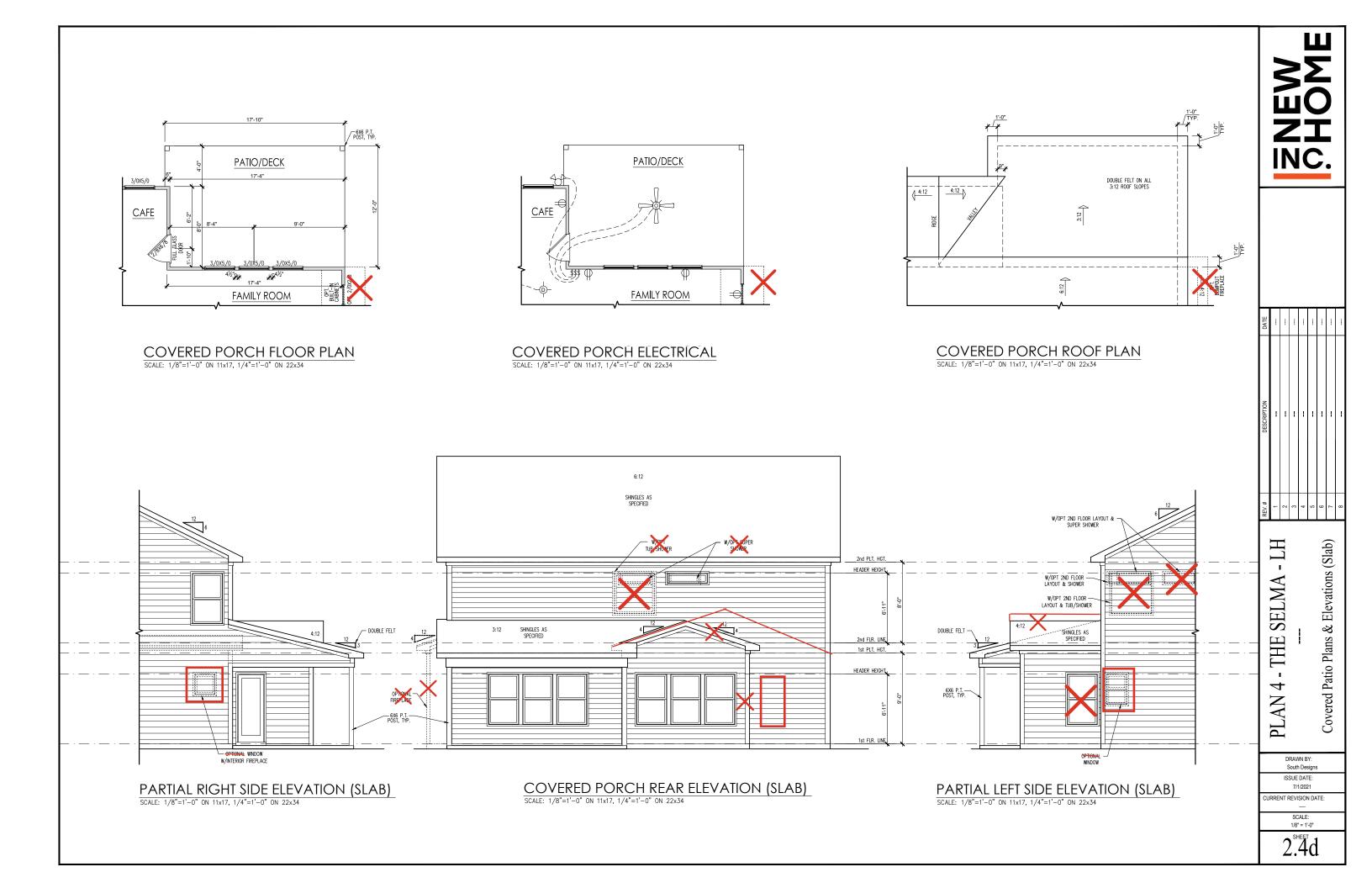
-LH

DRAWN BY: South Designs ISSUE DATE:

7/1/2021 URRENT REVISION DATE:

1/8" = 1'-0"

2.2°1d



General Elevation Notes

General Elevation Notes shall apply unless noted otherwise on plan.

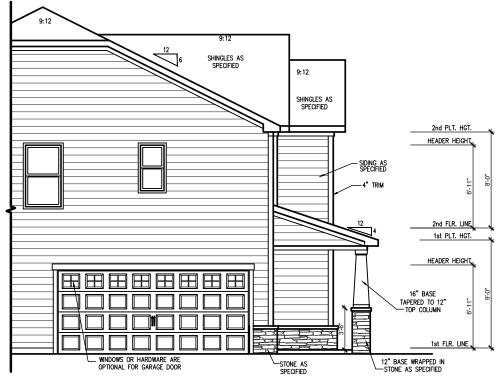
- Roof shall be finished with architectural composition shingles with slopes as noted on plan.
- Ridge Vent shall be provided and installed on all ridges greater than 6' in length per manufacturer's specifications.
- 3. Soffit Vent shall be continuous soffit vent
- House Wrap, "tyvek" or approved equal 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 ties at a rate of 24" oc horizontally 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". Masonry Lintels shall be provided so that deflection is limited to L/800.

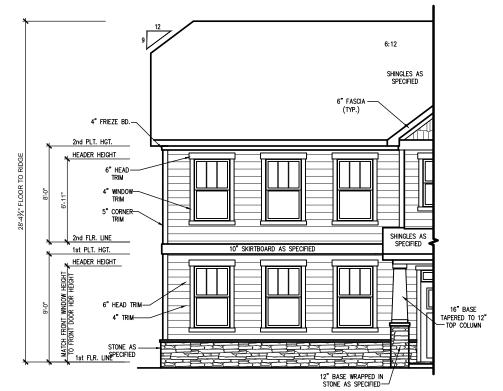
Masonry Opening Lintel Schedule

Opening Size Angle

3-1/2" x 3-1/2" x 5/16
4" x 3-1/2" x 5/16" LLV
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



SIDE LOAD GARAGE 'CRAFTSMAN (SLAB)
SCALE: 1/4" = 1'-0" ON 22x34, 1/8" = 1'-0" ON 11x17



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

ZNEW SHOME

DAIE									
DESCRIPTION		-	ł	1	1	1	-		
MEV.#	1	2	3	4	2	9	7	8	
		TITE DEFINIT					Side I and Gamae Eleverions (Slab) (Craftemant	LVa	

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

1/8" = 1'-0"
2.5d

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 ties at a rate of 24" oc horizontally 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 and 10 poly or other corrosion resistant material and shall be installed so that it laps under the house wrap material a minimum of 2".

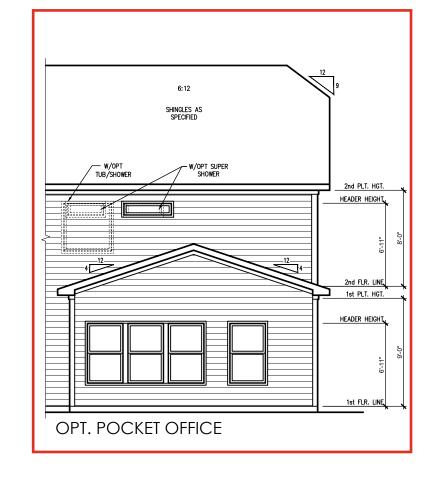
 Weepholes shall be provided at a rate of 48" oc and shall not be less than 3/16" in diameter and shall be located immediately above flashing.
- Brick Veneer Support Lintels shall be provided if brick veneer is included on elevation. Lintels shall be provided as listed in the following schedule and shall have a minimum bearing length of 6". Masonry Lintels shall be provided so that deflection is limited to L/800.

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" 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







DATE								
DESCRIPTION			ł	1	1	1	1	
REV.#	1	7	3	4	9	9	2	8

PLAN 4 - THE SELMA - LH
--Front & Rear Elevations (Slab)
'Craftsman'

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

3.1d

General Elevation Notes

General Elevation Notes shall apply unless noted otherwise on plan.

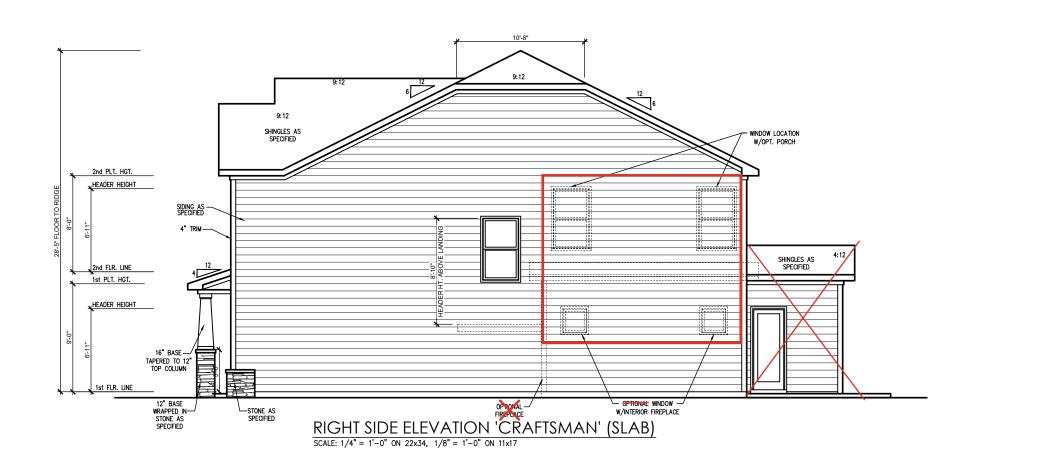
- Roof shall be finished with architectural composition shingles with slopes as noted on plan.
- Ridge Vent shall be provided and installed on all ridges greater than 6' in length per manufacturer's specifications.
- 3. Soffit Vent shall be continuous soffit vent
- House Wrap, "tyvek" or approved equal 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 Raillings 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 fied to wall surface with galvanized corrugated metal ties at a rate of 24" oc horizontally and 16" oc vertically so that no more than 2.67s 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". 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". Masonry Lintels shall be provided so that deflection is limited to 1/600.

Masonry Opening Lintel Schedule

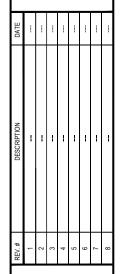
Openin	g Size	Angle
up to 4	-0"	3-1/2" x 3-1/2" x 5/16"
4'-1" to	5'-6"	4" x 3-1/2" x 5/16" LLV
E' 7" 4.	4' 4"	E" v 2 1/2" v E/1/" IIV

PT. POCKET OFFICE

WORD AND LAND AND LA







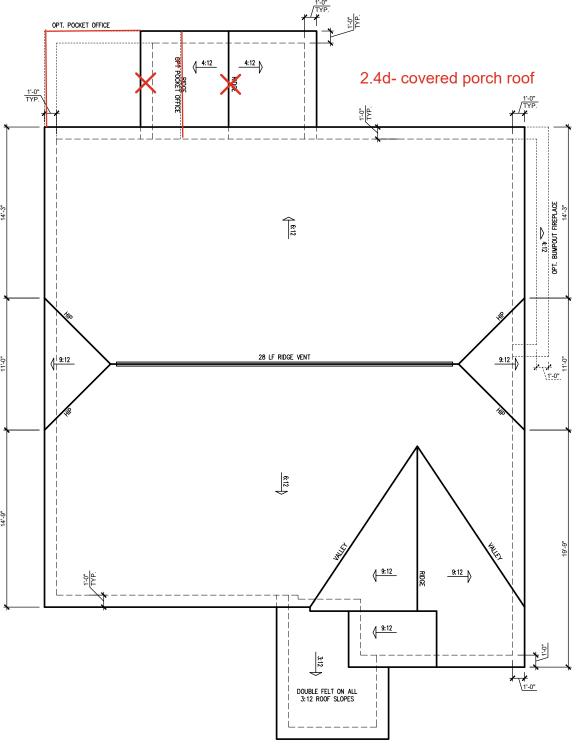
PLAN 4 - THE SELMA - LH
--Side Elevations (Slab) 'Craftsman'

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

1/8" = 1'-0"

JRRENT REVISION DATE:

3.2



 $\frac{\text{'CRAFTSMAN' ELEVATION ROOF PLAN'}}{\text{SCALE: } 1/4" = 1'-0" \text{ on } 22x34, \ 1/8" = 1'-0" \text{ on } 11x17}$

	ATTIC VENT SCHEDULE										
	'ENGLISH COUNTRY' ELEVATION										
	MAIN HOUSE			SQ FTG	1514	AT	/ NEAR RID	GE	AT / NEAR EAVE		
	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	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 B	GE 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
--Roof Plan 'Craftsman'

DRAWN BY: South Designs ISSUE DATE:

7/1/2021 CURRENT REVISION DATE:

> SCALE: 1/8" = 1'-0" 3.3d

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

REVISED 9-II-24: CORRECTED REAR PATIO/DECK DIMENSION

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

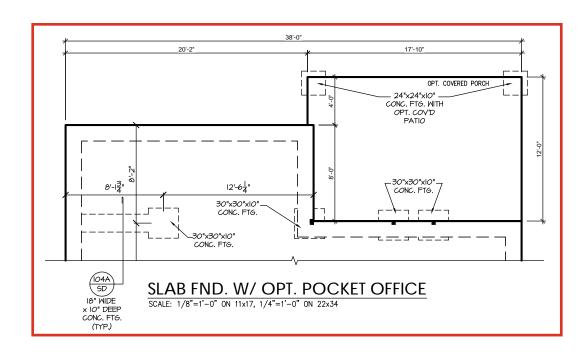
The Selma

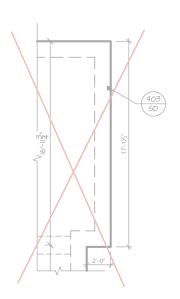
NEW HOME, INC.

S-1.1

SLAB FND. W/ OPT. SIDE LOAD GARAGE

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





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



REVISED 9-II-24: CORRECTED REAR PATIO/DECK DIMENSION

P.A. 27609 Southern Engineers, P. 3716 Benson Drive, Raleigh, NC 276 Phone: (919) 878-1617 License: C-4772 www.southernengineers.com

PROJECT # 21-2817-LH

SOUTH DESIGNS

NEW HOME, INC. The Selma

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



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 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 UPLIET 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.
- 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: 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 PANEL EDGES.
- 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
- **UPPER FLOORS: ATTACH BASE OF KING STUD WITH A SIMPSON
 C520 OR C5HP20 STRAP DOWN ACROSS THE BAND AND DOWN TO A STUD BELOW OR HEADER BELOW. EXTEND STRAP 1" MIN ALONG EACH STUD (OR HEADER) AND ATTACH EACH END W (7) 8d NAILS.
- 5. INTERIOR BRACED WALL: (NOTED AS "IBW" 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. SEE SECTION R602.10.4.4 OF THE CODE.
- 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 1/2" GB WITH A MIN. OF 5d COOLER NAILS OR #6 SCREWS @ 7" OC ALONG THE EDGES AND AT INTERMEDIATE SUPPORTS. SEE SECTION R602.10.4.4 OF THE CODE.

- (SHALL BE ONE OF THE FOLLOWING):

 TJI 210 BY TRUS JOIST
- LPI 20 PLUS BY LP
- BCI 50005 18 BY BC

HEAVY I- JOISTS

- BCI 60s 2.0 BY BC
- 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

- POST CAP: SIMPSON AC4-MAX (AC6-MAX)

- ONLY)
- POST BASE: WOOD FOUNDATION: (2) SIMPSON CSI6 STRAPS AT POSTS. EXTEND 12" ONTO EACH POST (UPPER AND LOWER) OR TO GIRDER.
- LOCAL CODES, AND/OR ARE APPROVED BY THE BUILDING INSPECTOR MAY BE SUBSTITUTED.

MOOD I-JOISTS

(SHALL BE ONE OF THE FOLLOWING OR EQUAL): TJI 360 BY TRUS JOIST LPI 42 PLUS BY LP

- HANGERS FOR I-JOISTS ARE THE RESPONSIBILITY OF THE I-JOIST SUPPLIER.
- FLOOR TRUSSES BY THE MANUFACTURER MAY BE SUBSTITUTED FOR I-JOISTS.

PORCH POST NOTES:

- 4"x4" (6"x6") TRT'D POST (OR FQUAL)
- ATTACH TRUSSES (RAFTERS) AT PORCH WITH HURRIGANE CONNECTORS.
- 2. POST CAP AT CORNER: (2) SIMPSON LCE4 (MITER HEADER AT CORNER). HIGH WIND; ADD (1) SIMPSON H6.
 3. POST BASE: SIMPSON ABU44 (ABU66).
- MONO: %" ANCHOR (EMBED 7")

 CMU: %" ANCHOR (EXTEND TO FOOTING HIGH WIND
- NOTE: THE ABOVE CONNECTORS ARE SUGGESTIONS. EQUIVALENT CONNECTORS THAT MEET THE REQUIREMENTS OF THE NC RESIDENTIAL BUILDING CODE,

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

905 SD

(CS-PF)

CONTINUOUS

206A SD

ΙΒW

| 14" |-JOISTS @ |2" O.C. OR |4" | HEAVY |-JOISTS @ |6" O.C

CONTINUOUS

905 SD

6"x6" TRT'D POST (OR EQUIV.) (TYP.) ATTACH RAFTERS AT PORCH WITH

HURRICANE CONNECTORS (SIMPSON

H2.5A OR EQUIV.) ATTACH HEADER

TO POST AND POST TO BASE WITH A

POST CAP OR METAL STRAP(S) OR

(3) 1.75x14 LVL

0 (

MALL ! II

DESIGN PORCH-TRUSSES TO SUPPORT WALL OVERHANG

OF WALL ABOVE

_ = <u>___ = 5J</u> = <u>___</u> = :

0 0

@ 12" O.C.

MALL

STONE WAINSCOTING

S-2.4 cov porch

@ 12" O.C.

2) 1.75×9.25 LV

HD

IBM

S-2.1.1 fireplace

BALLOON FRAME STAIR WALL WITH 2x6 STUDS @ 16" O.C.
STUDS MAY BE SPLICED AT

Shower ILO of tub

S-2.1.1 pocket

S-2.1.1 side load

S-2.1.1 Smart Door

garage

Delivery

office

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

P.A. 27609 Engineers, Drive, Raleigh, NC : e: (919) 878-1617 Southern Engi 3716 Benson Drive, Ra Phone: (919) 8 SOUTH DESIGNS

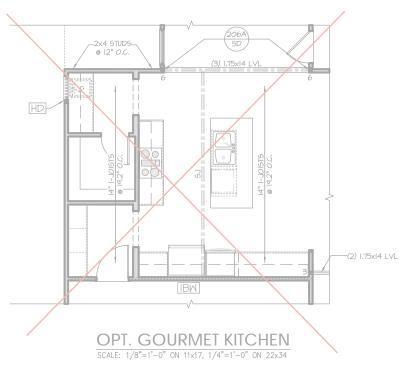
PROJECT #

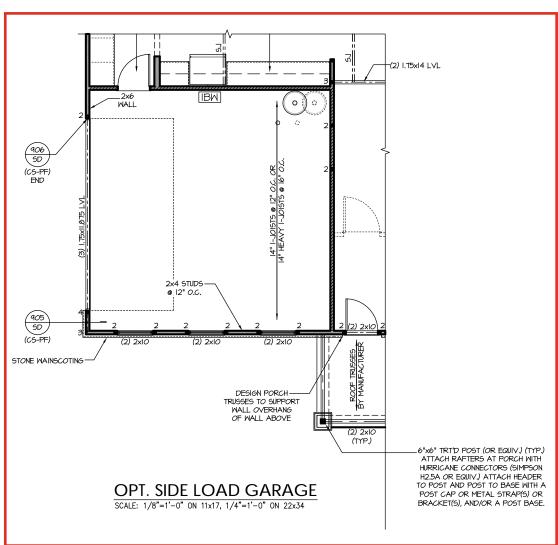
21-2817-LH

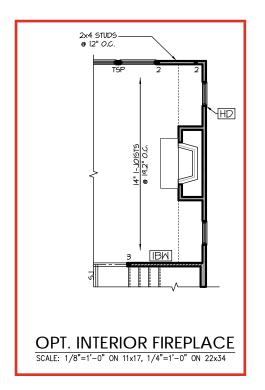
to be brought to t Failure to do so w

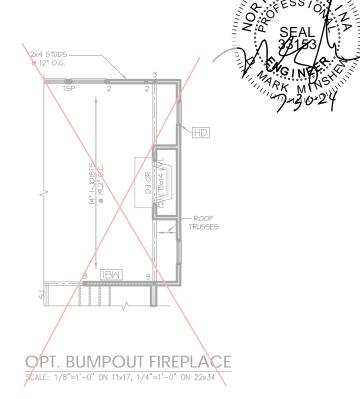
Selma HOME,

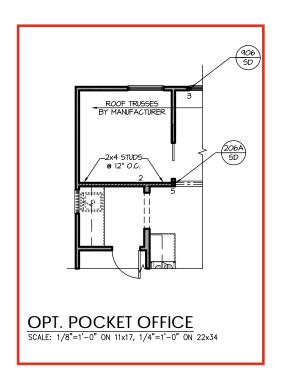
The

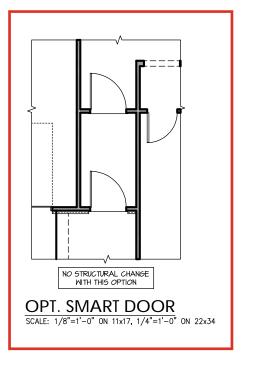












REFER TO "SD" SHEET(S) FOR STANDARD DETAILS, BRACING DETAILS AND STRUCTURAL NOTES. PROJECT # 21-2817-LH

int.

Int.

s not include construction means, methods, techniques, es, procedures or safety presaditions.

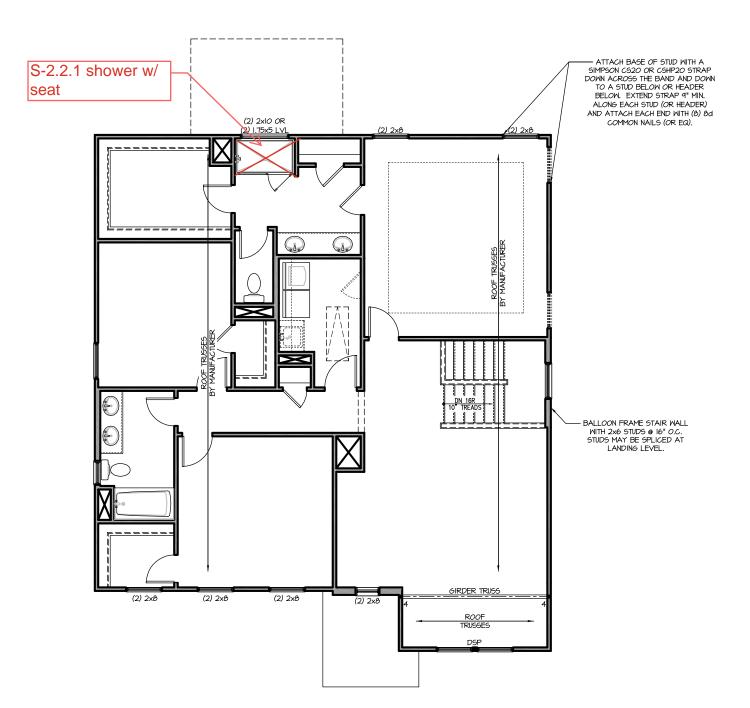
radions or discrepancies on plans are to be brought to the attention of Southern Engineers. Failure to do so will attention of southern Engineers.

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

SOUTH DESIGNS

The Selma - LH
NEW HOME, INC.

S-2.1.1



SECOND FLOOR FLOORING PLAN 'CRAFTSMAN"

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 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 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.
- 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 AMOINT PROVIDED ON THE PLANS (DETAILS AND SPECIFICATIONS) IS GREATER THAN THE AMOINT 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: 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 PANEL EDGES.
- 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" = HOLDOMN: 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
- **UPPER FLOORS: ATTACH BASE OF KING STUD WITH A SIMPSON
 C520 OR C5HP20 STRAP DOWN ACROSS THE BAND AND DOWN TO A STUD BELOM OR HEADER BELOM. EXTEND STRAP 7" MIN ALONG EACH STUD (OR HEADER) AND ATTACH EACH END W/ (7) 8d NAILS.
- 5. INTERIOR BRACED WALL: (NOTED AS "IBW" ON PLANS) ATTACH I/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. SEE SECTION R602.10.4.4 OF THE CODE.
- 6. INTERIOR BRACED WALL-WOOD STRUCTURAL PANEL: (NOTED AS AND 12" OC AT INTERMEDIATE SUPPORTS). INSTALL BLOCKING AT ALL PANEL EDGES. ATTACH GB OVER WSP AS REQUIRED. ATTACH OPPOSITE SIDE WITH 1/2" 6B WITH A MIN. OF 5d COOLER NAILS OR #6 SCREWS @ 7" OC ALONG THE EDGES AND AT INTERMEDIATE SUPPORTS. SEE SECTION R602.10.4.4 OF THE CODE.



PROJECT #

21-2817-LH

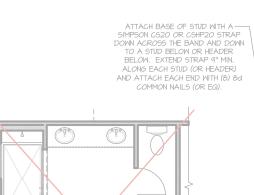
P.A. 27609

Southern Engineers, F 3716 Benson Drive, Raleigh, NC 2' Phone: (919) 878-1617

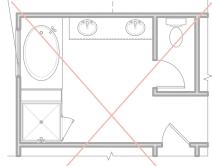
SOUTH DESIGNS

Selma HOME, The

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

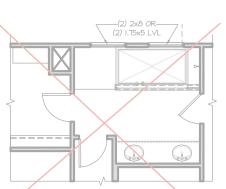


OPT. SUPER SHOWER W/ OPT. 2ND FLOOR SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34 ATTACH BASE OF STUD WITH A —
SIMPSON C520 OR C5HP20 STRAP
DONN ACROSS THE BAND AND DOWN
TO A STUD BELOW OR HEADER
BELOW. EXTEND STRAP 9" MIN.
ALONG EACH STUD (OR HEADER) AND ATTACH EACH END WITH (8) 8d COMMON NAILS (OR EQ).



OPT. TUB/SHOWER W/ OPT. 2ND FLOOR SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34 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 4" MIN.

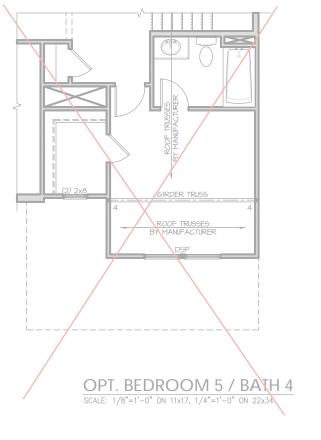
OPT. 2ND FLOOR SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



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



(2) 1.75x5 LVL OPT. SHOWER W/ 18" SEAT SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



PROJECT # 21-2817-LH

Engineers seal applies only to structural components on uns document.
Seal does not include construction means, methods, techniques, seaquences, 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 Engineers, lability.
Use of these plans constitutes approval of terms & conditions as defined in the customer agreement.

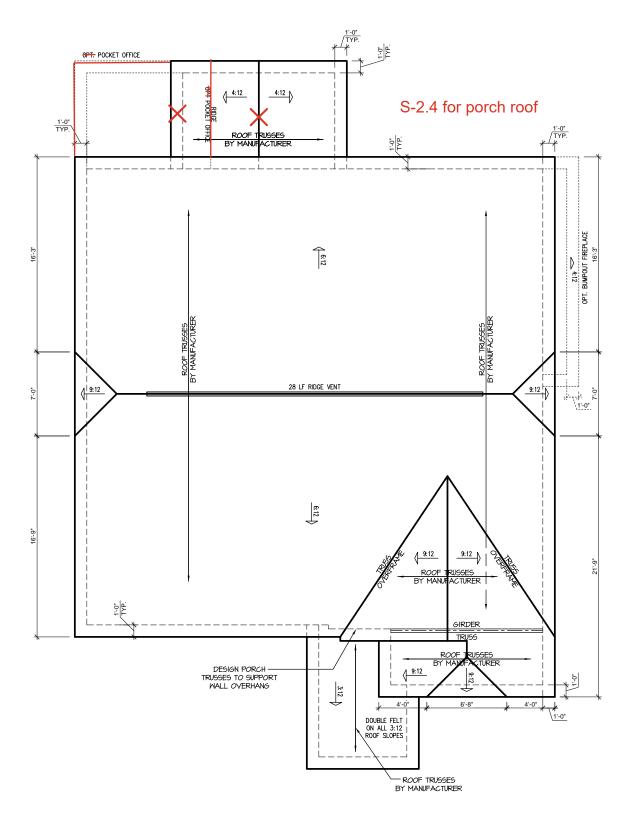
ALONG EACH STUD (OR HEADER)
AND ATTACH EACH END WITH (8) 8d COMMON NAILS (OR EQ).

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

SOUTH DESIGNS

NEW HOME, The Selma

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



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

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 ENGINEERS.

- TRUSS SCHEMATICS (PROFILES) SHALL BE PREPARED AND SEALED BY TRUSS MANUFACTURER.
- 3. 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.



PROJECT # 21-2817-LH

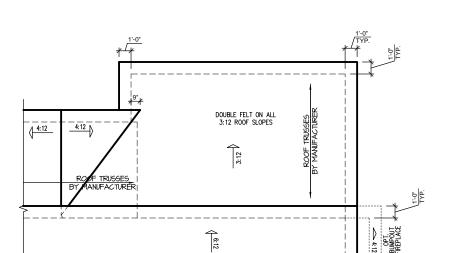
P.A. 27609

Southern Engineers, P. 3716 Benson Drive, Raleigh, NC 276 Phone: (919) 878-1617 License: C-4772 www.southernengineers.com

SOUTH DESIGNS

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"

(2) LT5xIL875 LVL

(3) LT5xIL875 LVL

(2) 2x12

DSP 3

ROOF
TRUSSES

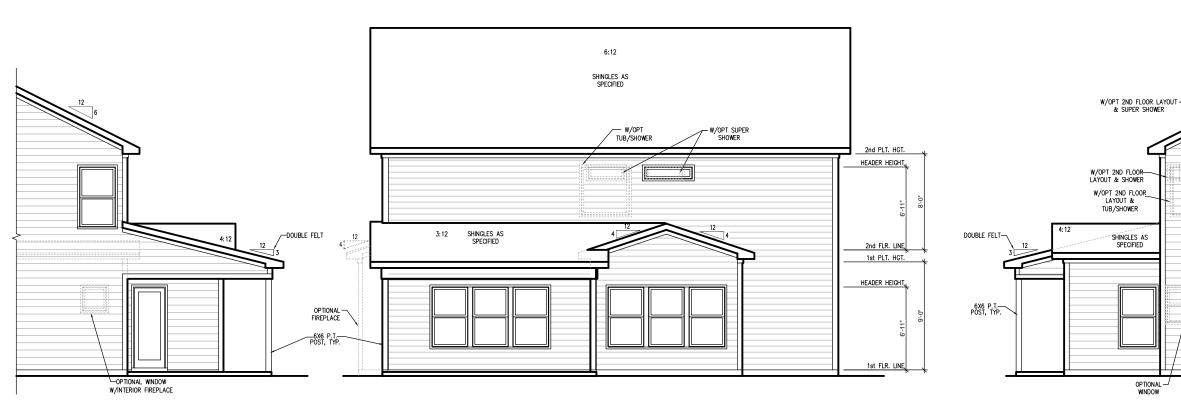
2x4 STUDS
12" O.C.
(2) 1.75x4.25 LVL

(3) 1.75x14 LVL
2 2 TSP TSP 2 2

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



COVERED PORCH REAR ELEVATION
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

ument.
does not include construction means, methods, technique
ences, procedures or safety precautions.
deviations or discrepancies on plans are to be brought to
ediate attention of Southern Engineers. Failure to do so w.
Southern Engineers liability.

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

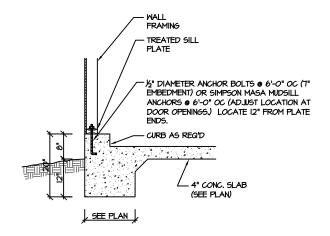
SOUTH DESIGNS

The Selma - L.H.
NEW HOME, INC.

S-2.4

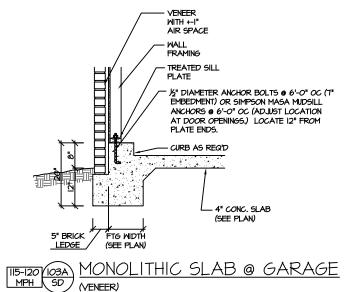
PARTIAL LEFT SIDE ELEVATION
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

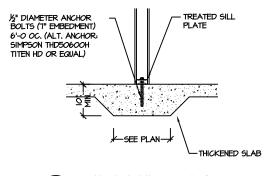
SOUTH DE



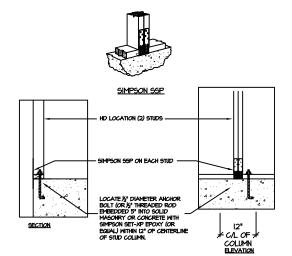
MONOLITHIC SLAB FOOTING (SIDING OR EQUAL)

MONOLITHIC SLAB @ GARAGE (SIDING OR EQUAL)





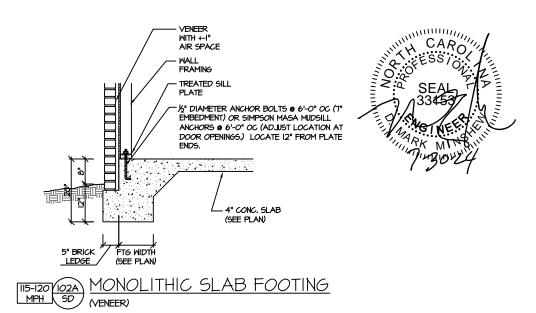


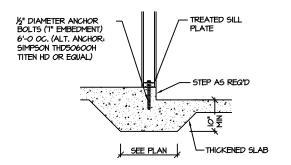


BRACED WALL END CONDITION "HD"

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.





THICKENED SLAB @ GARAGE MPH SD (INTERIOR GARAGE WALL)

PROJECT #

clude construction means, methods, techniques, cdures or safety precautions.

Scal does not include construction mea sequences, procedures or safety precauli Any deviations or discrepancies on plan immediate attention of Southern Engin void Southern Engineer's liability.

Scal is valid for projects permitted one y

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

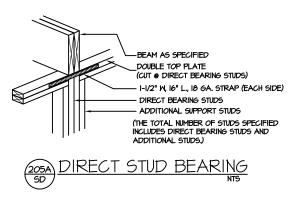
www.southernengineers.com

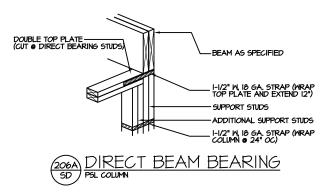
NEW HOME, INC

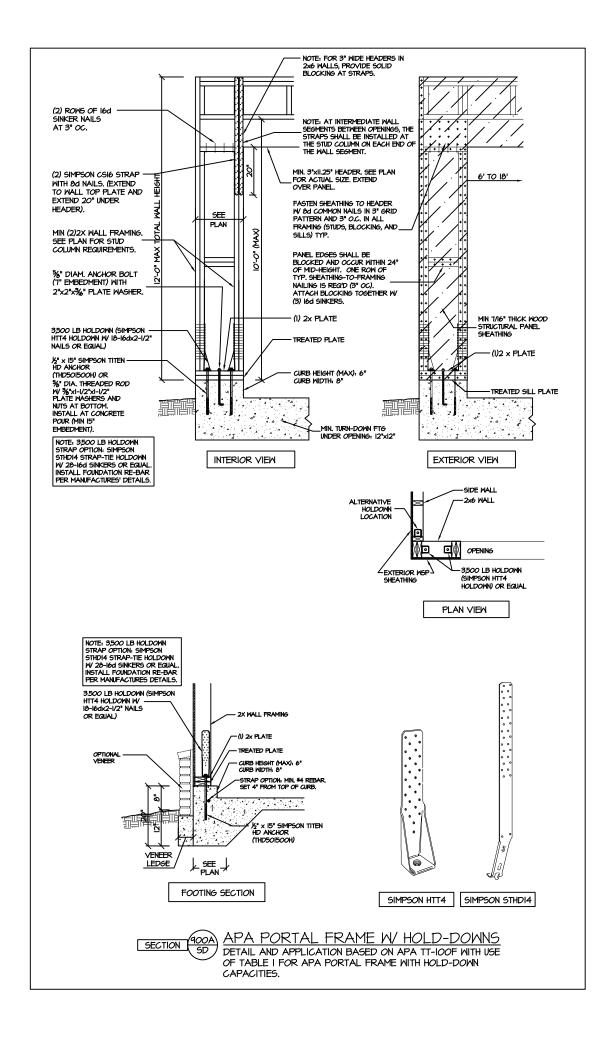
PLAN 4 - THE SELMA

SD

SLAB FOUNDATION









PROJECT # 21-2817

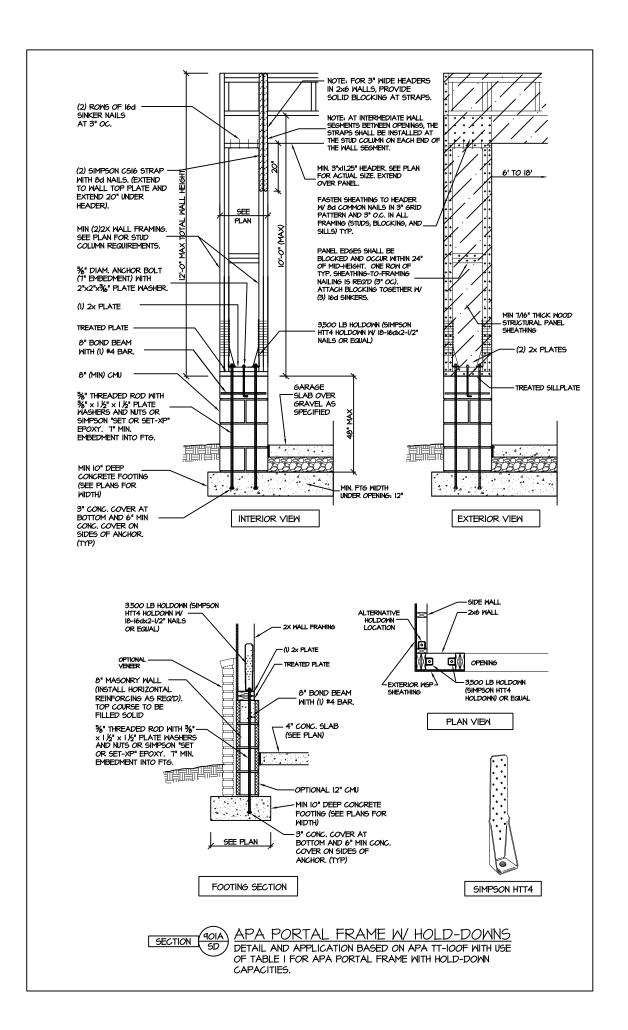
P.A. 27609 Southern Engineers, P
3716 Benson Drive, Raleigh, NC 2;
Phone: (919) 878-1617
License: C-4772

www.southernengineers.com

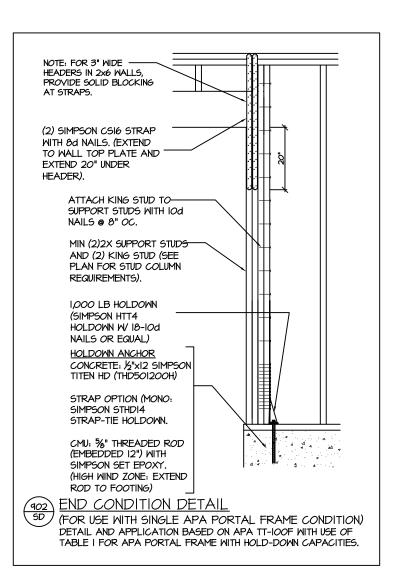
NEW HOME,

SELMA THE 4 **PLAN**

SD







| Southern Engineers, F 3716 Benson Drive, Raleigh, NC 2' Phone: (919) 878-1617 License: C-4772

P.A. 27609

PROJECT # 21-2817

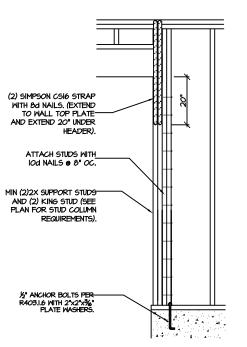
NEW HOME, INC

PLAN 4 - THE SELMA

SD



CS-PF - OVER WOOD FLOOR



CS-PF: END CONDITION DETAIL (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

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 INCLUDING 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 MORK, 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 GOOD 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/O PSF, L/360) ATTIC WITHOUT STORAGE: (10 PSF, I/O PSF, L/240)
- STAIRS: (40 PSF, IO PSF, L/360)
- EXTERIOR BALCONIES: (60 PSF, IO PSF, L/360) DECKS: (40 PSF, 10 PSF, L/360)
- GUARDRAILS AND HANDRAILS: (200 LBS)
- PASSSENGER VEHICLE GARAGES: (50 PSF, IO PSF, L/360) FIRE ESCAPES: (40 PSF, IO PSF, L/360)

- 4. WALLS SHALL BE BRACED BY SHEATHING WALLS ON ALL STORIES WITH WOOD STRUCTURAL PANELS. SEE FRAMING NOTES FOR THICKNESS AND NAILING REQUIREMENTS
- 5. SEE APPENDIX M (DCA6) FOR EXTERIOR DECK REQUIREMENTS INCLUDING ATTACHMENTS FOR LATERAL LOADS.
- 6. CONCRETE SHALL HAVE A MINIMUM 28 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 MITH 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 以" DEEP CONTROL JOINTS SANCUT IN SLAB ON A +-IO'-O" x +-IO'-O" GRID).
- ALLOMABLE SOIL BEARING PRESSURE ASSUMED TO BE 2000 PSF. THE CONTRACTOR MUST CONTACT A GEOTECHNICAL ENGINEER AND THE STRUCTURAL ENGINEER IF UNGATISFACTORY 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) =
- 9. L.V.L. SHALL BE LAMINATED VENEER LUMBER: Fb=2600 PSI, Fv=285 PSI, E=I.9xI0 PSI. P.S.L. SHALL BE PARALLEL STRAND LUMBER: Fb=2400 PSI, Fv=240 PSI, E=2.0xl0 PSI. L.S.L. SHALL BE LAMINATED STRAND LUMBER: Fb=2250 PSI, Fv=400 PSI, E=1.55xl0 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
- 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 WIDTH, PROVIDE SOLID BEARING FROM BEAM SUPPORT TO FOUNDATION. BEAMS SHALL BE ATTACHED TO EACH SUPPORT WITH TWO LAG SCREWS (I/2" DIAMETER x 4" LONG). LATERAL SUPPORT IS 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) WITH WASHERS PLACED UNDER 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), WITH 2 BOLTS LOCATED AT 6" FROM EACH END.
- 14. BRICK LINTELS (WHEN REQUIRED) SHALL BE 3 1/2"x3 1/2"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 4'-0". SEE ALSO SECTION R703.8.3 LINTELS.

PROJECT # 21-2817

P.A. 27609

Engineers, Drive, Raleigh, NC : e: (919) 878-1617 nson Drive, R. Phone: (919) Southern 3716 Benson Dr

> HOME, NEW

SELMA THE 4 A

SD

 \mathbf{L}