

REVISION LOG

- REVISION:001 DATE: 11/24/21
- 6x6 @ COVERED PORCH, PACK OUT BEAM.
 - CHANGE WALL BETWEEN PANTRY/ COAT CLOSET TO A 2X6 WALL.
 - NOTE 3/0 C.O. "3/0X6/8 C.O."
 - CHANGE WALL BETWEEN KITCHEN COUNTER & MESSY KITCHEN TO 28" LENGTH. LOCATE 2/8X6/8 C.O. @ END OF THE WALL.
 - ADD (3) OPT 2/0X2/0 @ CAFE, CENTERED @ 21'-4" FRONT REAR WALL.
 - CHANGE 1ST FLOOR STAIR RAIL AND WALL FROM A 2X4 WALL TO A 2X6 WALL. SLIDE BATH #2 WALL 2" TO MAINTAIN 3'-4" STAIR WIDTH. ADJUSTED WALL AND STAIR ON THE 2ND FLOOR.
 - END STAIR RAIL 10'-0" FROM WIC WALL.
 - REMOVE WIDE WALL BEHIND BATH #2 TUB.
 - CHANGE BATH #2 WIDTH TO 5'-0" & ADD ROOM TO BED #2.
 - CHANGE WALL BEHIND THE OWNER'S TOILET WALL FROM A 2X6 WALL TO A 2X4 WALL & MOVE WALL INTO WIC TO INCREASE DEPTH THE TOILET TO 6'-1". REVISE ALL OWNER'S BATH OPTIONS TO MATCH.
 - ADD GOURMET KITCHEN W/ WALL OVEN AND 36" COOKTOP.
 - ADD 24"x36" ATTIC ACCESS TO BED #4 WIC.
 - CHANGE 2ND FLOOR 3/0 C.O. TO A 5/0X6/8 C.O.
 - CHANGE DOOR SIZES FROM 2/6X6/8 TO 2/4X6/8 @ FOYER CLOSET, BATH #2, WIC @ BED #2, BATH #3, LINEN, WIC @ BED #3 & WIC @ BED #4.
 - FLIP DOOR SWING INTO OPT. OFFICE/HOME GYM.
 - ADD 8'-0" DEEP MECHANICAL RM TO REAR OF OPT. SUPER GAMEROOM/ HOME GYM/ OFFICE.
 - 2X10 BEAM UNDER TOP PLATES @ FRONT PORCHES.
 - ALIGN (3) 2/0X2/0 WINDOW HEADER HT @ FLEX ROOM W/ FRONT DOOR HEADER HT.
 - ADD PARTIAL FOR OPT FIREPLACE.
 - ADD PARTIAL ELEVATIONS FOR OWNER'S BATH OPTIONS.
 - ADD PARTIAL FOR OPT SMART DELIVERY DOOR.
 - 4" DSP BETWEEN WINDOWS & DIMENSION TO THE CENTER.
 - DIMENSION WIDTH OF HIPPS

REVISION:002 DATE: 2/4/2022

- DIMENSION TRIPLE STUD POCKETS (4.5")
- RELOCATED & RESIZE KITCHEN ISLAND PER REDLINES, & REMOVE UNDER-COUNTER WALL TO THE RIGHT OF KITCHEN SINK.
- SHOW FULL HEIGHT WALL AT STANDARD MASTER BATH SHOWER.
- CHANGE MASTER BATH LINEN CLOSET DOOR TO 4/0X6/8 DOUBLE DOOR.
- CALL OUT ALL LINEN CLOSETS AS (4) SHELVES.
- REMOVE SHELF/ROD BEHIND WATER CLOSET & ADJACENT TO DOOR IN MASTER WIC
- CALL OUT FRONT PORCH COLUMNS AS 6X6 P.T. POST W/ 1X WRAP.
- LABEL 12" DROPPED HEADER.
- REMOVE THE OWNER'S ENTRY OPTION.
- RESIZE/RELOCATE/REMOVE UNDER-COUNTER WALL IN KITCHEN ISLAND PER BASE PLAN.
- SHOW 42X42 SHOWER W/ 18" SEAT FOR TUB SHOWER COMBO PER REVISION REDLINES.
- SHOW OPT. STANDALONE 42X42 W/ 18" SEAT.
- LOCATE SHOWER VALVE ON HALF WALL FOR SUPER SHOWER OPT.
- LABEL OPT DOOR TO FLEX ROOM AS 15-LITE FRENCH DOORS
- SWING DOOR AT GAMEROOM INTO UNFIN. ATTIC STORAGE.
- REMOVE FAUX SHUTTER FROM FARMHOUSE PLAN SINCE IT IS NOT SHOWING ON ELEVATION.
- UPDATE ROOF HEIGHT FOR REAR OPTIONS TO REFLECT STANDARD HEEL HEIGHT.
- REMOVED HALF WALLS AT KITCHEN ISLAND AND UPDATED PER CABINET PROVIDER
- EXTEND PORCH SLAB 4" AT FRONT AND EXTEND AROUND CORNER 20" TO SUPPORT STONE VENEER.
- REMOVED HALF WALLS AT KITCHEN ISLAND AND UPDATED PER CABINET PROVIDER
- CHANGED THE BASE OWNER'S BATH WINDOW TO 4010
- CHANGED THE OWNER'S BATH OPTION SHOWER WINDOW TO 4010
- CHANGED THE OWNER'S BATH OPTION SUPER SHOWER WINDOWS TO (2)3010

REVISION: 003 DATE: 3/21/2022

- ADD ELECTRICAL PLANS

REVISION: 004 DATE: 7/22/2022

- ADD STEM WALL SLAB FOUNDATION SHEETS
- ADD "STEM WALL" TO CRAWL ELEVATION TITLES AND NOTE "SEE FOUNDATION PAGES FOR FOUNDATION TYPE". UPDATE SHEET TITLES.

1e0-25-23 - Initial Redlines

11-6-23 Updated Redlines to add Tankless Water Heater, Interior Doors

Lot 32 WS - 72 Willow Creek Place, Fuquay Varina, NC 27526

NEW HOME INC.

Trademark Plus



PLAN 6
The Raleigh - RH
'FARMHOUSE' ELEVATION

ARCHITECTURAL DRAWINGS	
Sheet No.	Sheet Description
0.0	Cover Sheet
1.1	Foundation (Slab)
1.1.1	Foundation Options (Slab)
1.1.2	Foundation Options (Slab)
1.2	Foundation (Crawl)
1.2.1	Foundation Options (Crawl)
1.2.2	Foundation Options (Crawl)
1.3	Foundation (Stem Wall Slab)
1.3.1	Foundation Options (Stem Wall Slab)
1.3.2	Foundation Options (Stem Wall Slab)
2.1	First Floor Plan
2.1.1	First Floor Plan Options
2.2	Second Floor Plan
2.2.1	Second Floor Plan Options
2.4	Covered Porch Plans & Elevations (Slab)
2.4.1	Covered Porch Plans & Elevations (Crawl/Stem Wall)
2.5	Extended Owner's Suite Plans & Elevations (Slab)
2.5.1	Extended Owner's Suite Plans & Elevations (Crawl/ Stem Wall)
2.6	Ext. Owner's Suite W/Cov. Porch Plans & Elevations (Slab)
2.6.1	Ext. Owner's Suite W/Cov. Porch Plans & Elevations (Crawl/Stem Wall)
2.7	2-Car Sideload Garage Plans
2.7.1	2-Car Sideload Garage Elevations
2.8	3-Car Garage Plans
2.8.1	3-Car Garage Elevations (Crawl/ Stem Wall)
2.8.2	3-Car Garage Elevations (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 Plan
5.1.1	First Floor Options Electrical Plan
5.2	Second Floor Electrical Plan
5.2.1	Second Floor Options Electrical Plan

SQUARE FOOTAGE		
	FARMHOUSE	
	UNHEATED	HEATED
FIRST FLOOR	0	1955
SECOND FLOOR	0	945
FRONT PORCH	147	0
2 CAR GARAGE	437	0
Deck	220	0
SUBTOTALS	804	2900
TOTAL UNDER ROOF	3704	
OPTIONS		
	UNHEATED S.F.	HEATED S.F.
COVERED PATIO	220	0
EXTENDED OWNER'S SUITE	0	+32
SUPER GAME ROOM	0	+183
OFFICE	0	+183
HOME GYM	0	+183
SMART DOOR	-28	+28
MECHANICAL RM	+158	0
3RD CAR GARAGE	+260	0

DESIGN CRITERIA:

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

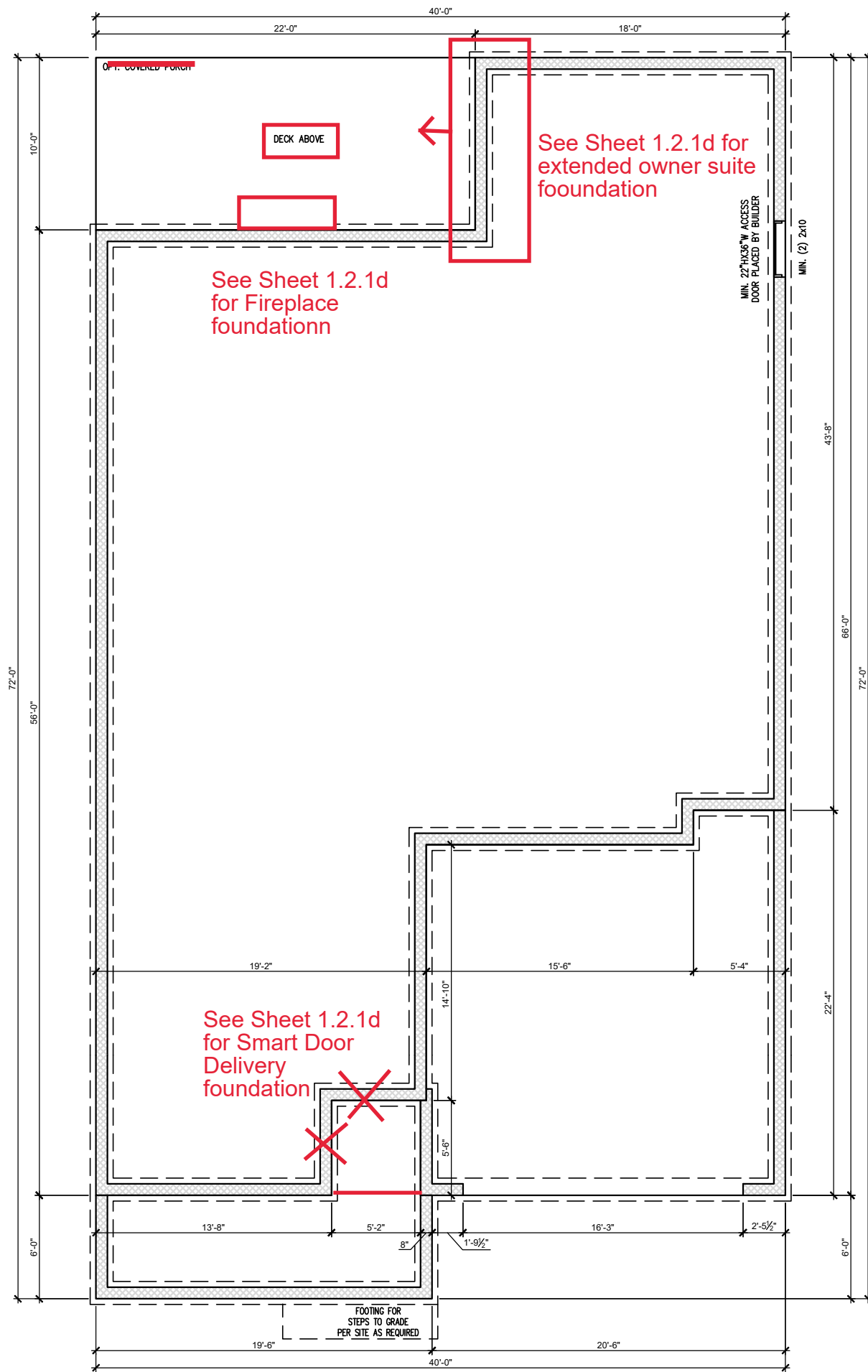
DIMENSIONS SHALL GOVERN OVER SCALE, AND CODE SHALL GOVERN OVER DIMENSIONS.

NEW HOME INC.

PLAN 6 - THE RALEIGH - RH
SINGLE FAMILY

Cover Sheet 'Farmhouse'

DRAWN BY:	South Designs
ISSUE DATE:	7/1/2021
CURRENT REVISION DATE:	07/22/2022
SCALE:	1/8" = 1'-0"
SHEET	0.0d



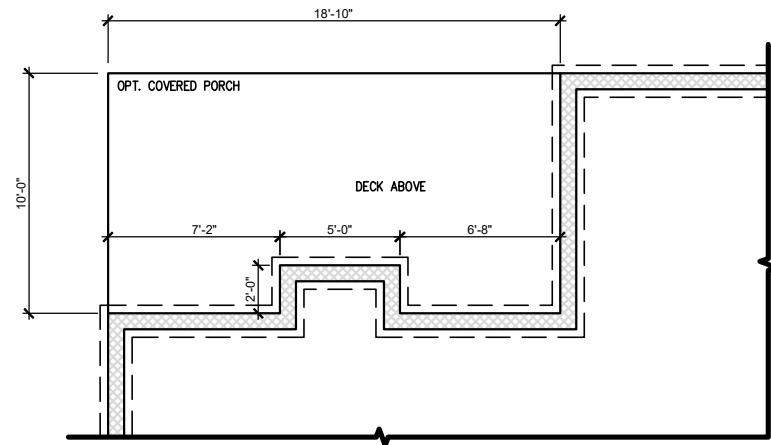
CRAWL FOUNDATION PLAN 'FARMHOUSE'

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

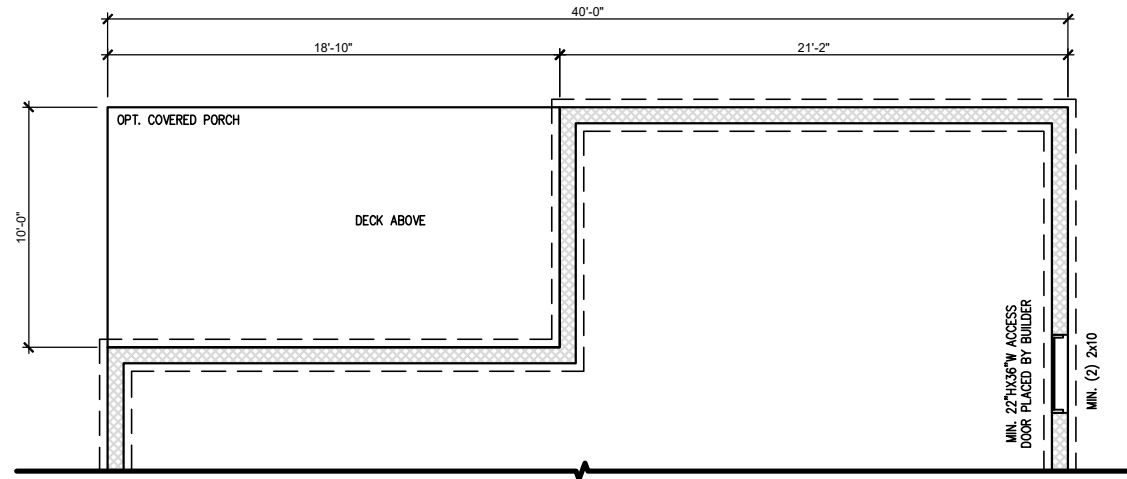
REV.#	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/24/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	03/21/2022
4	REFER TO COVER SHEET	07/22/2022
5	—	—
6	—	—
7	—	—
8	—	—

PLAN 6 - THE RALEIGH - RH
SINGLE FAMILY
 Crawl Foundation 'Farmhouse'

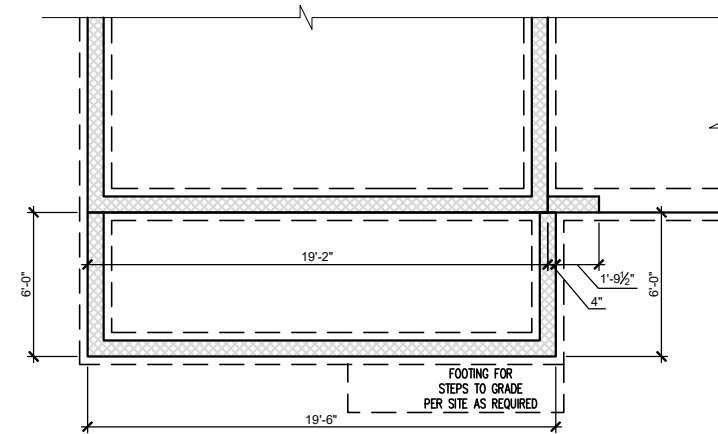
DRAWN BY:
South Designs
 ISSUE DATE:
7/1/2021
 CURRENT REVISION DATE:
07/22/2022
 SCALE:
1/8" = 1'-0"



CRAWL FND. W/ OPT. FIREPLACE & EXTENDED OWNER'S SUITE
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



CRAWL FND. W/ OPT. EXTENDED OWNER'S SUITE
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



CRAWL FOUNDATION PLAN W/SMART DOOR DELIVERY
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

REV.#	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/24/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	03/21/2022
4	REFER TO COVER SHEET	07/22/2022
5	---	---
6	---	---
7	---	---
8	---	---

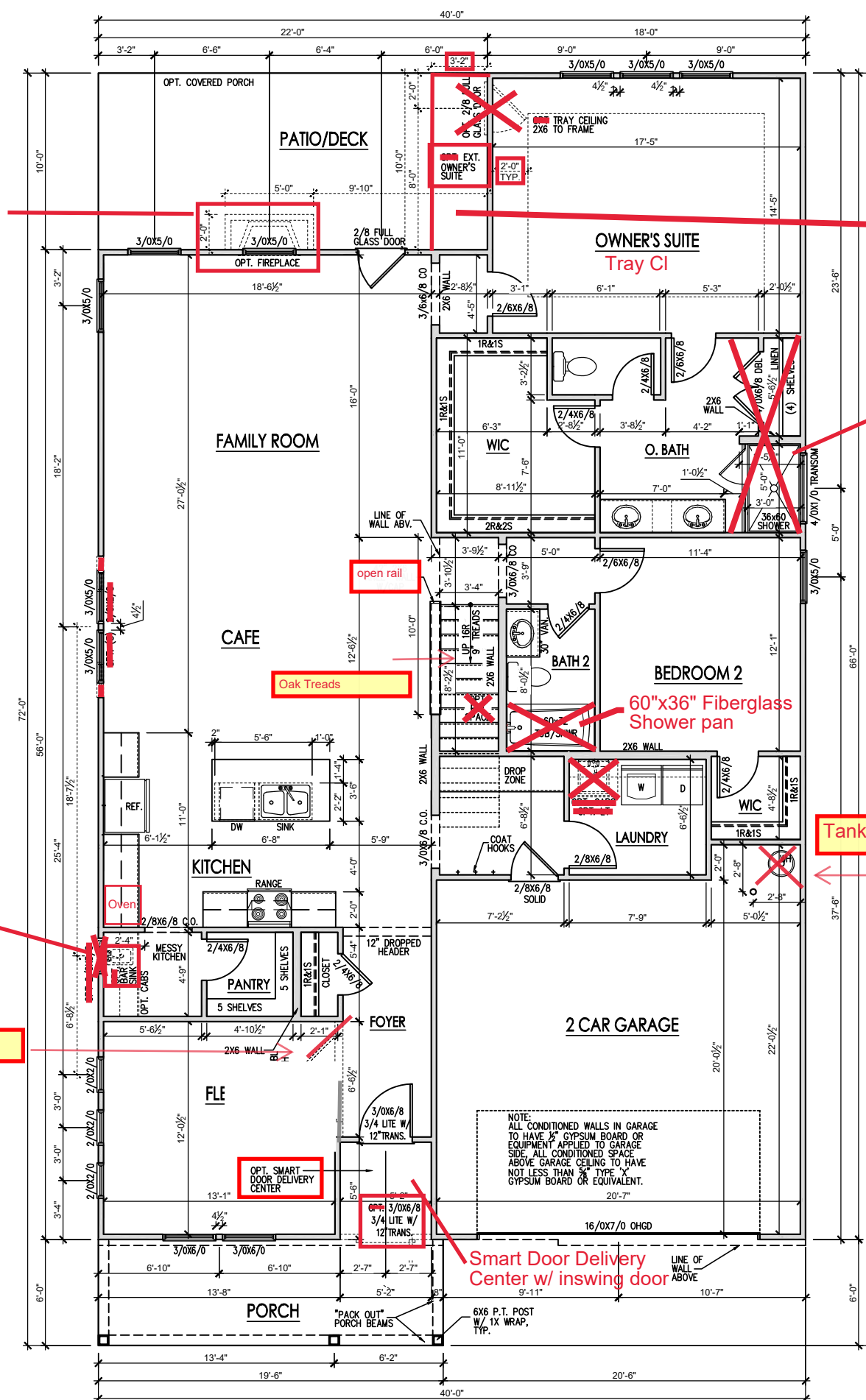
PLAN 6 - THE RALEIGH - RH
SINGLE FAMILY
Crawl Foundation Options 'Farmhouse'

DRAWN BY:
South Designs
ISSUE DATE:
7/1/2021
CURRENT REVISION DATE:
07/22/2022
SCALE:
1/8" = 1'-0"

General Floor Plan Notes

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

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



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



PLAN 6 - THE RALEIGH - RH
SINGLE FAMILY
First Floor Plan 'Farmhouse'

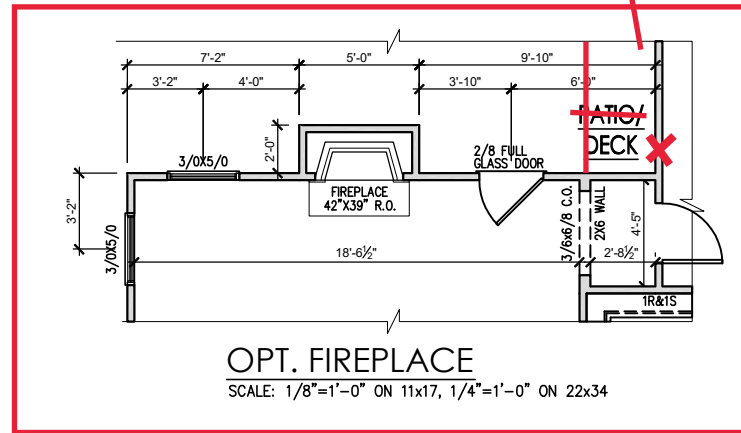
REV.#	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/24/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	3/21/2022
4	REFER TO COVER SHEET	07/22/2022
5		
6		
7		
8		

DRAWN BY:
South Designs
ISSUE DATE:
7/1/2021
CURRENT REVISION DATE:
07/22/2022
SCALE:
1/8" = 1'-0"
SHEET
2.1d

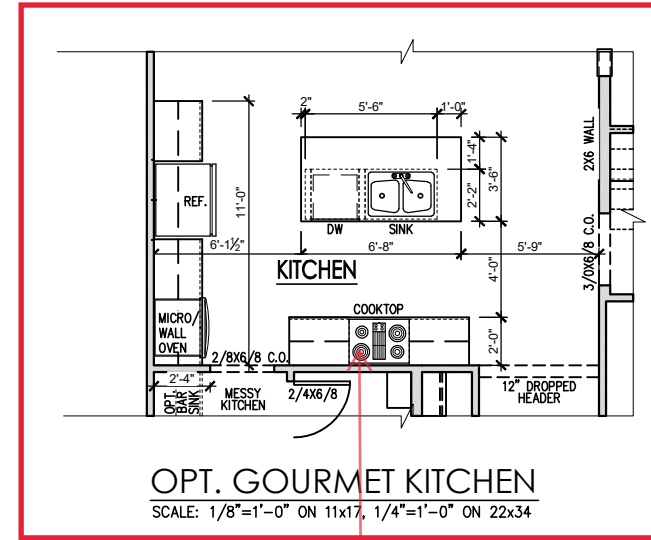
General Floor Plan Notes

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

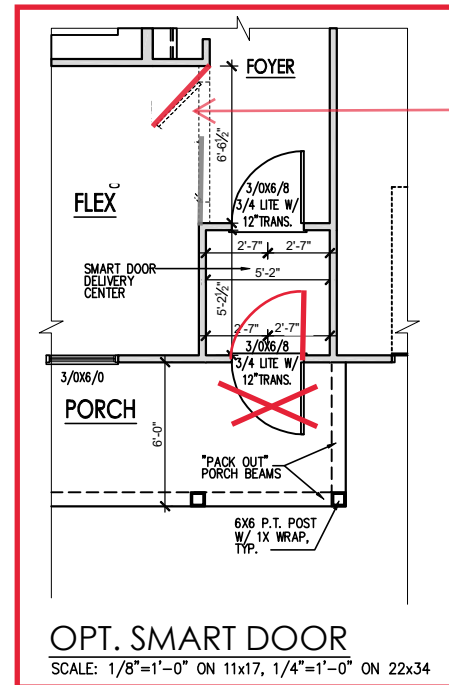
1. Wall Heights: Typically 9'-1 1/2" at first floor and second floor, and 9'-1 1/2" at attics U.N.O. All walls are constructed using a double top plate. Splices of Double Top Plate do not need to occur at Vertical Studs but must be at least 24" apart from Joint in other Top Plate layer. Special wall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



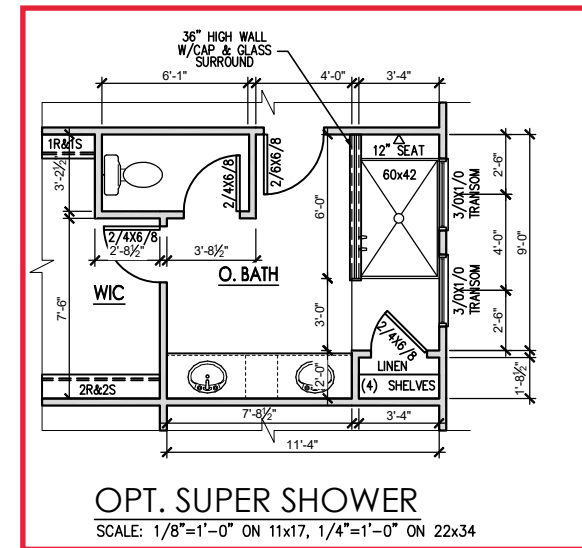
Extended Owner's Bedroom See Sheet 2.5.1d



Gas Stub Out for Gas Cooktop



2/6 x 6/8 Interior Door - No Glass



REV.#	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/24/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	03/21/2022
4	REFER TO COVER SHEET	07/22/2022
5		
6		
7		
8		

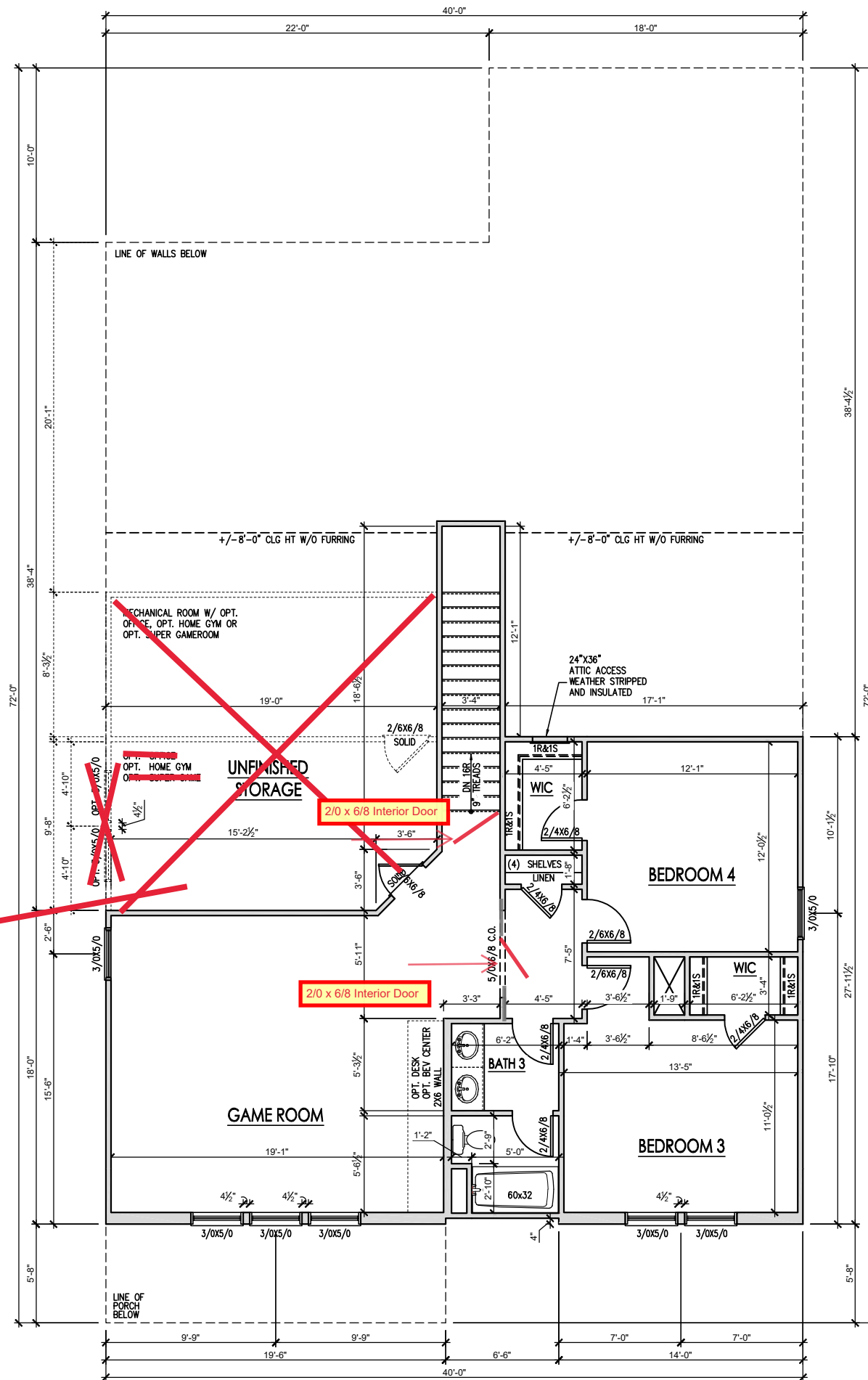
PLAN 6 - THE RALEIGH - RH
SINGLE FAMILY
First Floor Options 'Farmhouse'

DRAWN BY:
South Designs
ISSUE DATE:
7/1/2021
CURRENT REVISION DATE:
07/22/2022
SCALE:
1/8" = 1'-0"

General Floor Plan Notes

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

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



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

REV.#	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/24/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	03/21/2022
4	REFER TO COVER SHEET	07/22/2022
5		
6		
7		
8		

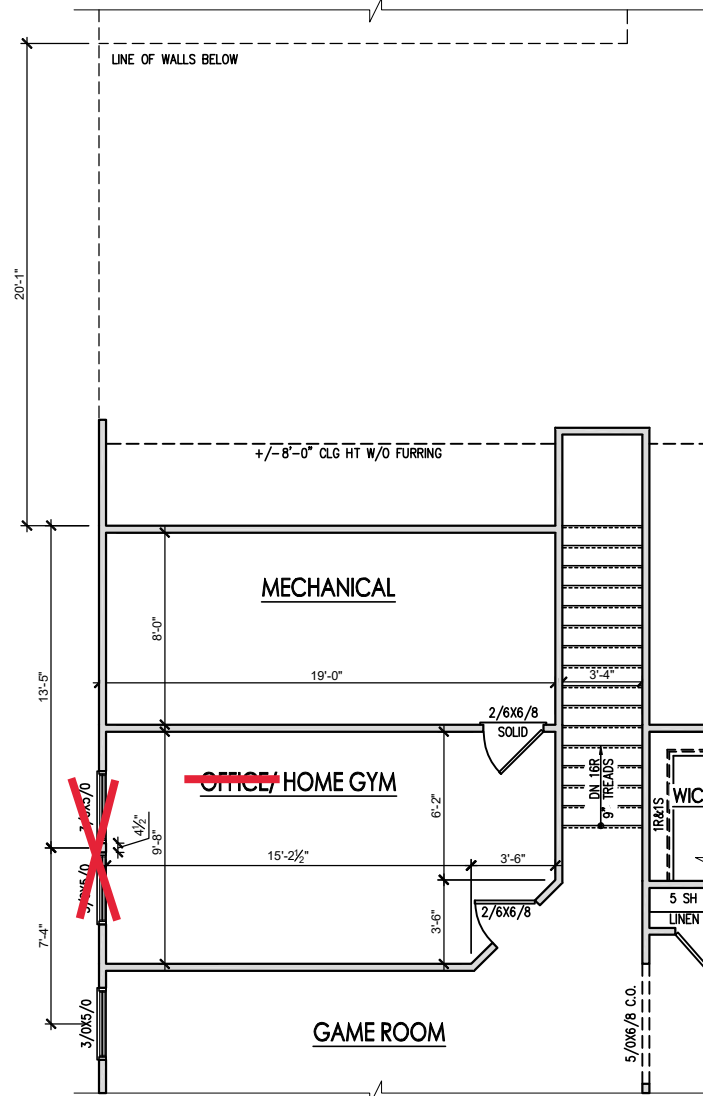
PLAN 6 - THE RALEIGH - RH
SINGLE FAMILY
Second Floor Plan 'Farmhouse'

DRAWN BY: South Designs
ISSUE DATE: 7/1/2021
CURRENT REVISION DATE: 07/22/2022
SCALE: 1/8" = 1'-0"

General Floor Plan Notes

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

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



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

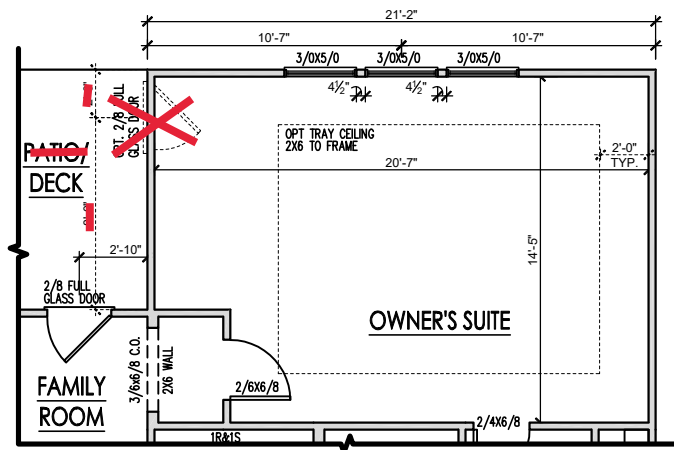


REV.#	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/24/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	03/21/2022
4	REFER TO COVER SHEET	07/22/2022
5		
6		
7		
8		

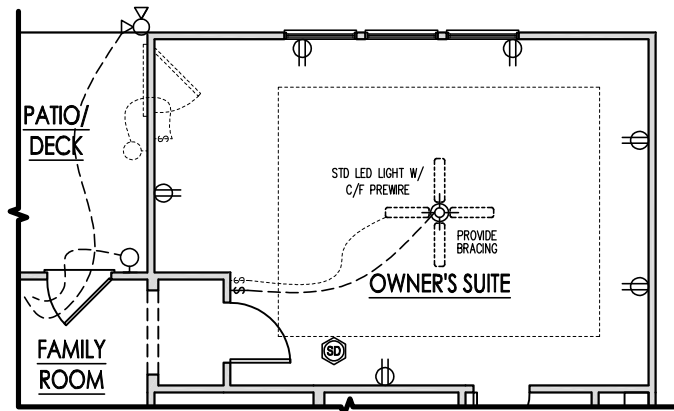
PLAN 6 - THE RALEIGH - RH
 SINGLE FAMILY
 Second Floor Plan Options 'Farmhouse'

DRAWN BY:
 South Designs
 ISSUE DATE:
 7/1/2021
 CURRENT REVISION DATE:
 07/22/2022
 SCALE:
 1/8" = 1'-0"

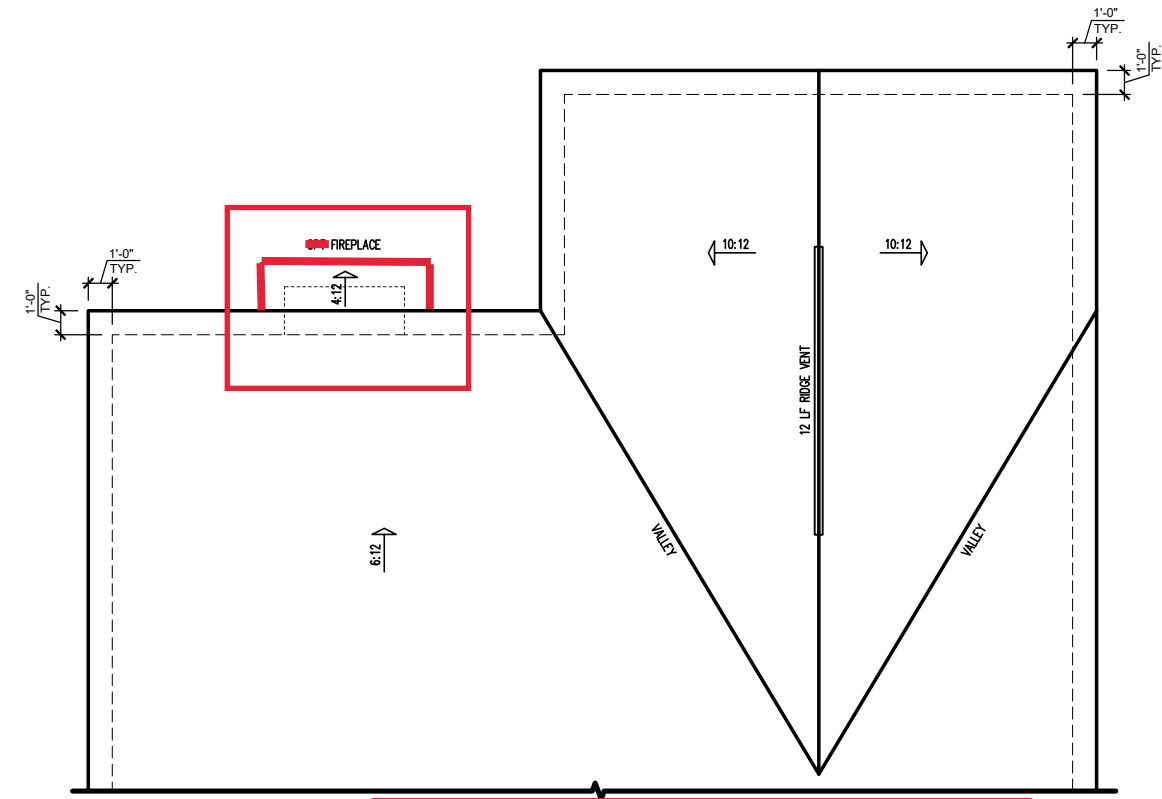
SHEET
2.2.1d



EXTENDED OWNER'S SUITE FLOOR PLAN
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

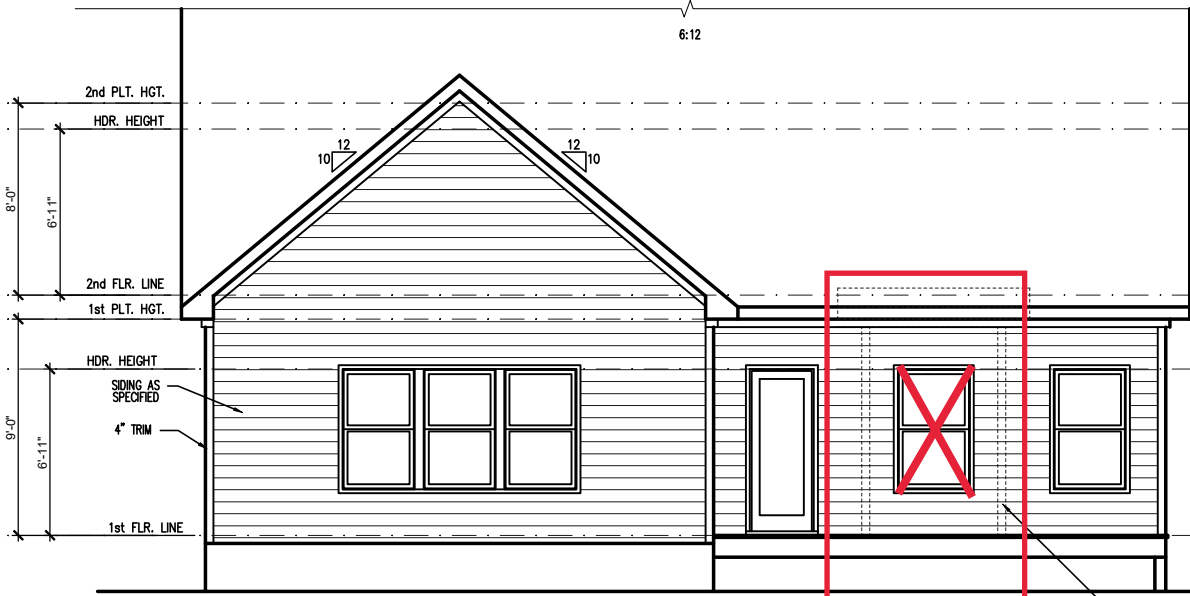


EXTENDED OWNER'S SUITE ELECTRICAL
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

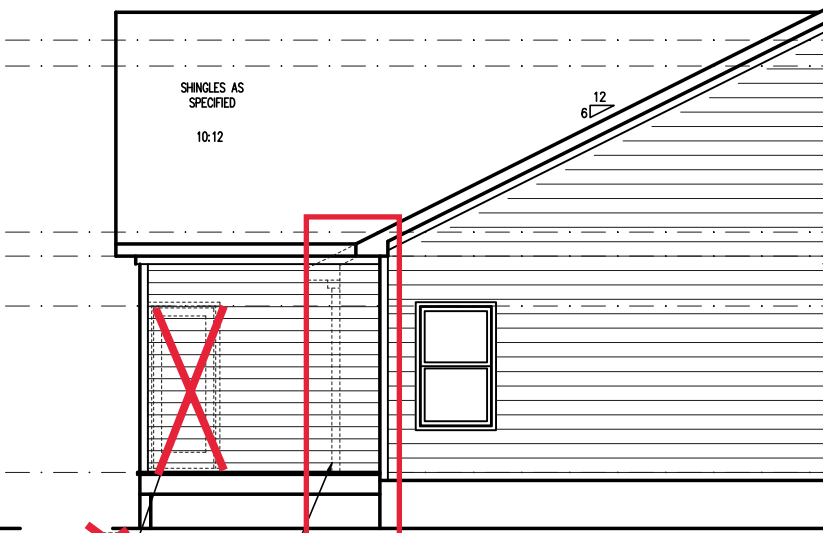


EXTENDED OWNER'S SUITE ROOF PLAN
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

NOTE: MINIMUM 1'-0" ENERGY HEEL ON TRUSSES THAT ALLOWS FULL INSULATION ABOVE EXTERIOR WALLS



EXTENDED OWNER'S SUITE REAR ELEVATION (CRAWL/STEM WALL)
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34
SEE FOUNDATION PAGES FOR FOUNDATION TYPE



PARTIAL LEFT SIDE ELEVATION (CRAWL/STEM WALL)
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34
SEE FOUNDATION PAGES FOR FOUNDATION TYPE

REV.#	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/24/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	3/21/2022
4	REFER TO COVER SHEET	07/22/2022
5		
6		
7		
8		

PLAN 6 - THE RALEIGH - RH
SINGLE FAMILY
Ext O. Suite Plans & Elev (Crawl/Stem Wall) Farmhouse'

DRAWN BY:
South Designs
ISSUE DATE:
7/1/2021
CURRENT REVISION DATE:
07/22/2022
SCALE:
1/8" = 1'-0"

General Elevation Notes

General Elevation Notes shall apply unless noted otherwise on plan.

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

Masonry Opening Lintel Schedule

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



FRONT ELEVATION 'FARMHOUSE' (CRAWL/STEM WALL)
 SCALE: 1/4" = 1'-0" ON 22x34, 1/8" = 1'-0" ON 11x17
 SEE FOUNDATION PAGE FOR FOUNDATION TYPE

REV.#	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/24/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	03/21/2022
4	REFER TO COVER SHEET	07/22/2022
5		
6		
7		
8		

PLAN 6 - THE RALEIGH - RH
SINGLE FAMILY
Front & Rear Elevations (Crawl or Stem Wall) 'Farmhouse'

DRAWN BY:
South Designs
 ISSUE DATE:
7/1/2021
 CURRENT REVISION DATE:
07/22/2022
 SCALE:
1/8" = 1'-0"

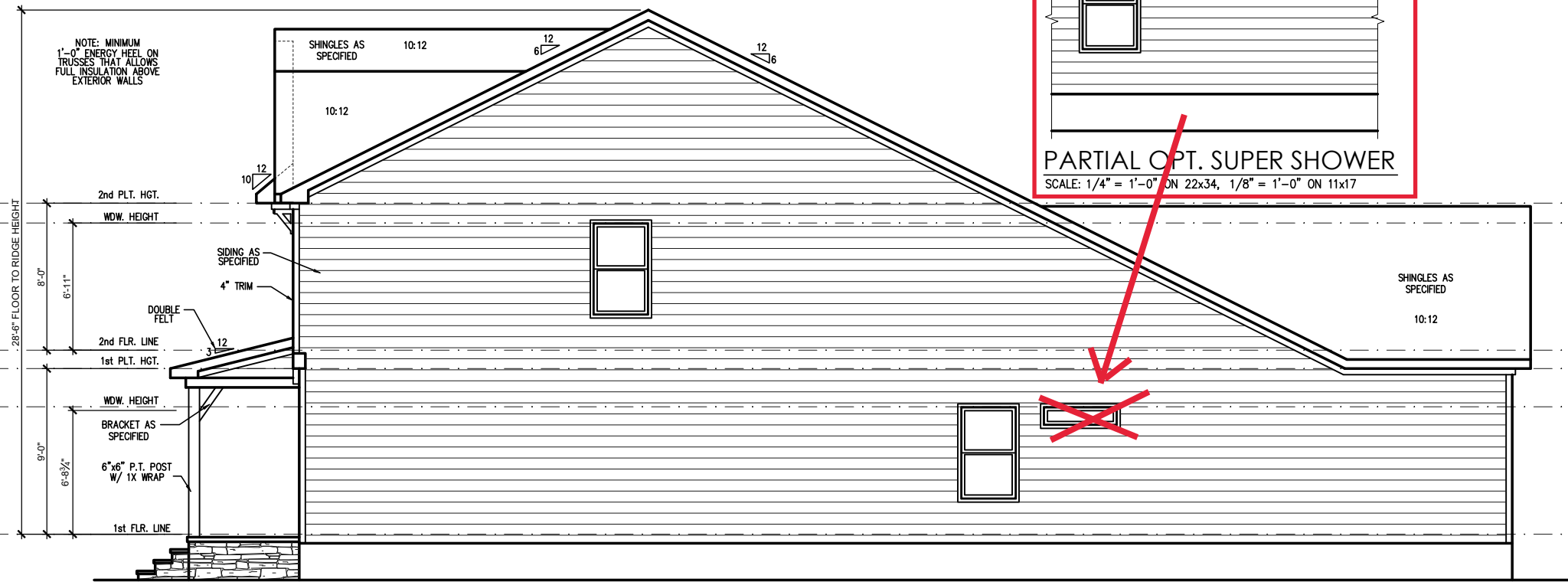
General Elevation Notes

General Elevation Notes shall apply unless noted otherwise on plan.

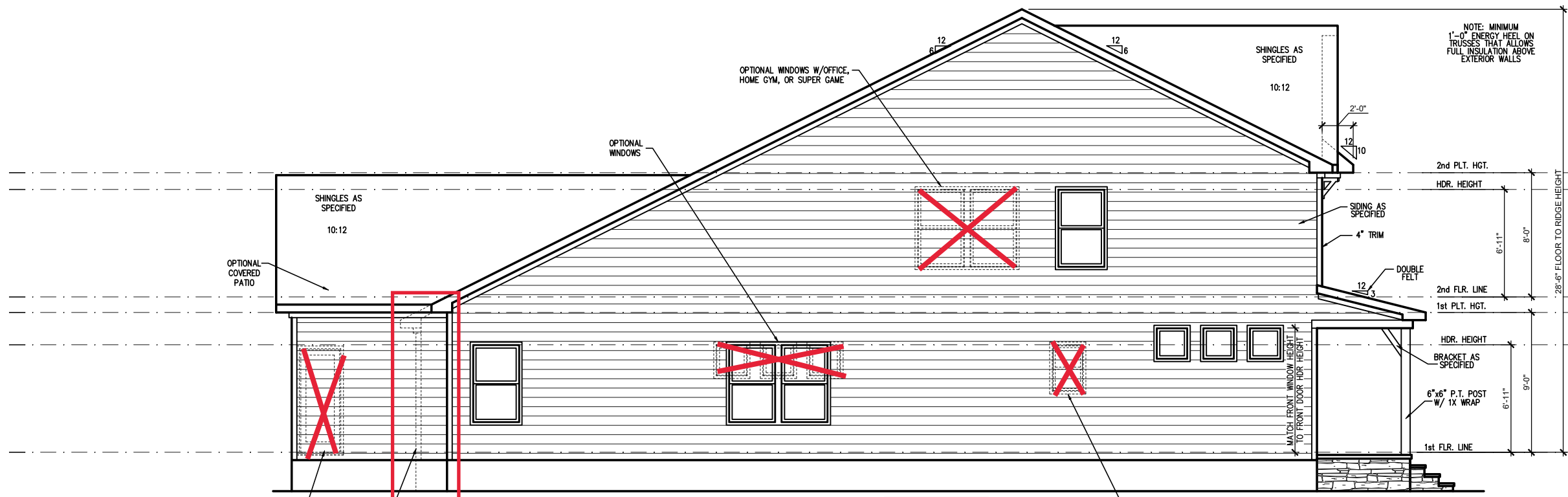
- Roof shall be finished with architectural composition shingles with slopes as noted on plan.
- Ridge Vent shall be provided and installed on all ridges greater than 6' in length per manufacturer's specifications.
- Soffit Vent shall be continuous soffit vent
- House Wrap, "Tyvek" or approved equal 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 horizontally and 16" oc vertically so that no more than 2.67sf of brick is supported by (1) tie. Space between face of wall and back face of brick shall be limited to a maximum of 1". Flashing shall be provided behind brick above all wall openings and at base of brick wall. Flashing shall be a minimum of 6-mil poly or other corrosion resistant material and shall be installed so that it laps under the house wrap material a minimum of 2". Weepholes shall be provided at a rate of 48" oc and shall not be less than 3/16" in diameter and shall be located immediately above flashing.
- 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 4". Masonry Lintels shall be provided so that deflection is limited to L/600.

Masonry Opening Lintel Schedule

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



RIGHT SIDE ELEVATION 'FARMHOUSE' (CRAWL/STEM WALL)
SCALE: 1/4" = 1'-0" ON 22x34, 1/8" = 1'-0" ON 11x17
SEE FOUNDATION PAGES FOR FOUNDATION TYPE



LEFT SIDE ELEVATION 'FARMHOUSE' (CRAWL/STEM WALL)
SCALE: 1/4" = 1'-0" ON 22x34, 1/8" = 1'-0" ON 11x17
SEE FOUNDATION PAGES FOR FOUNDATION TYPE

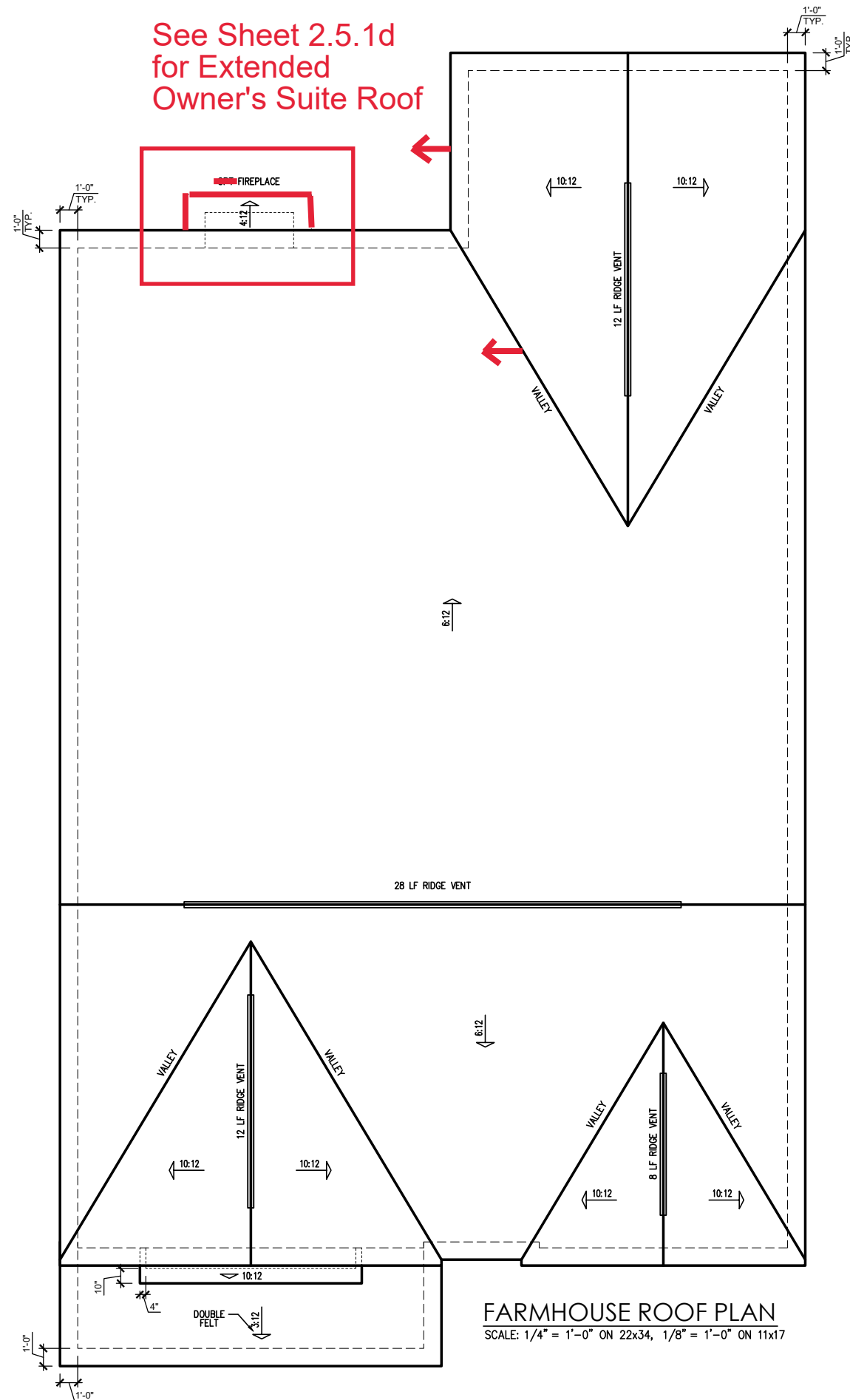


REV.#	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/24/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	3/21/2022
4	REFER TO COVER SHEET	07/22/2022
5		
6		
7		
8		

PLAN 6 - THE RALEIGH - RH
SINGLE FAMILY
Side Elevations (Crawl or Stem Wall)
'Farmhouse'

DRAWN BY:
South Designs
ISSUE DATE:
7/1/2021
CURRENT REVISION DATE:
07/22/2022
SCALE:
1/8" = 1'-0"

SHEET
3.2.1d



See Sheet 2.5.1d
for Extended
Owner's Suite Roof

ATTIC VENT SCHEDULE								
FARMHOUSE								
MAIN HOUSE		SQ FTG	2431	AT / NEAR RIDGE			AT / NEAR EAVE	
VENT TYPE	SQ. FT. REQUIRED RANGE	SQ. FT. SUPPLIED	PERCENT OF TOTAL SUPPLIED	POT LARGE (SQ. FT. EACH)	POT SMALL (SQ. FT. EACH)	RIDGE VENT (SQ. FT. PER LF)	EAVE VENT (SQ. IN. EACH)	CONT. VENT (SQ. IN. PER LF)
				0.4236	0.2778	0.125	0.1944	0.0625
RIDGE VENT	3.24	4.05	7.50	72.29	0	0	60.00	
SOFFIT VENTS	4.86	4.05	2.88	27.71			0	46.00
TOTAL (MIN)	8.10	8.10	10.38	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



REV.#	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/24/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	03/21/2022
4	REFER TO COVER SHEET	07/22/2022
5		
6		
7		
8		

PLAN 6 - THE RALEIGH - RH
SINGLE FAMILY
Roof Plan 'Farmhouse'

DRAWN BY:
South Designs
ISSUE DATE:
7/1/2021
CURRENT REVISION DATE:
07/22/2022
SCALE:
1/8" = 1'-0"
SHEET
3.3d

ELECTRICAL KEY

- DUPLEX OUTLET
- SPLIT SWITCHED OUTLET
- FLOOR OUTLET
- QUADPLEX OUTLET
- GFI GROUND FAULT OUTLET
- GFWP WEATHER PROOF OUTLET
- 220V 220v OUTLET
- EXHAUST FAN
- EXHAUST FAN / LIGHT
- EXHAUST FAN / HEAT LIGHT
- RECESSED CAN LIGHT
- EYEBALL LIGHT
- VAPOR PROTECTED LIGHT
- CEILING LIGHT
- LED DISC
- HANGING CEILING LIGHT
- HANGING PENDANT LIGHT
- WALL LIGHT
- VANITY LIGHT
- WALL SCONCE LIGHT
- SINGLE SWITCH
- 3-WAY SWITCH
- 4-WAY SWITCH
- DIMMER SWITCH
- CABLE T.V. JACK
- BUTTON
- PHONE JACK
- DIRECT WIRE
- DATA OUTLET
- SMART PANEL
- NETWORK PANEL W/ OUTLET
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR
- ELECTRICAL PANEL
- DISCONNECT SWITCH
- ELECTRIC METER
- 2 LED LIGHT
- 2 BULB FLUORESCENT
- VANITY LIGHTS
- FLOOD LIGHT
- CHIMES
- CEILING FAN
- CEILING FAN W/ LIGHT

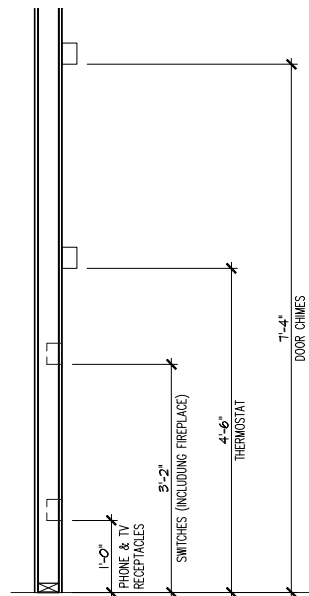
General Power and Lighting:

General Power and Lighting Notes shall apply unless noted otherwise on plans.

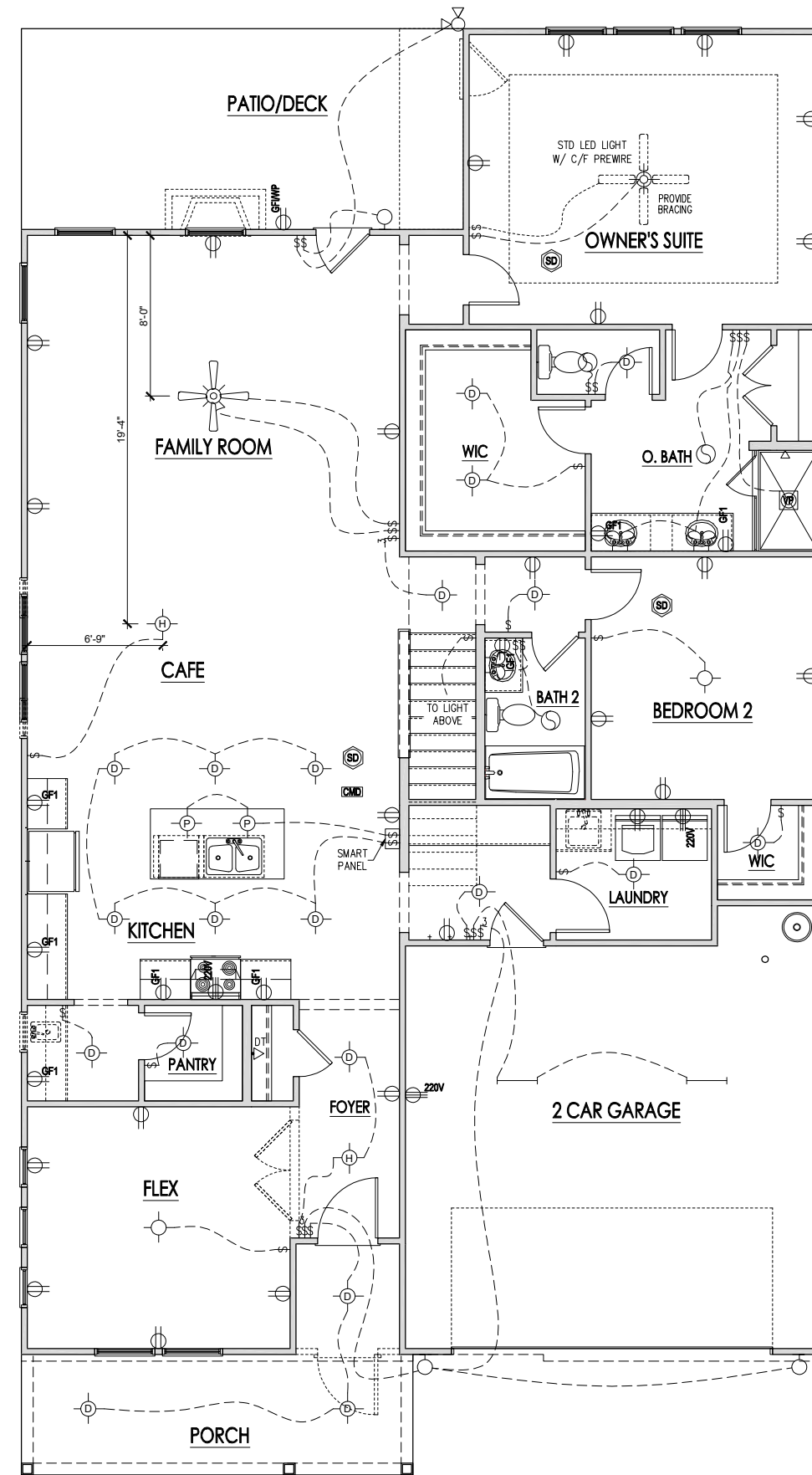
All work shall be installed per the current NC Residential Building Code, and the National Electric Code. Alarm devices shall meet NFPA 72.

1. Smoke Alarms - Shall be provided as a minimum of (1) per floor, including basements (if applicable), (1) in each sleep room, and (1) outside each sleeping area, within the immediate vicinity of sleeping rooms. When more than one alarm is required, the alarm devices shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms. Smoke alarms shall be hard wired to permanent power and shall have batter back-ups.
2. Switches - For lighting, fans, etc. shall be installed at heights illustrated on this page and shall be located a minimum of 4 1/2" from door openings to allow for the proper installation of door casings. Switches, thermostats, security pads, and other similar devices shall be grouped together and installed thoughtfully for convenience of use and to avoid placement within centers of wall areas.

Note:
This plan is a diagram showing approximate locations of convenience outlets based on requirements found in the NC Residential Code and N.E.C. Actual positions may vary from what is shown on plan.



ELECTRICAL BOX HEIGHTS



FIRST FLOOR ELECTRICAL PLAN 'FARMHOUSE'

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

REV.#	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/24/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	03/21/2022
4	REFER TO COVER SHEET	07/22/2022
5		
6		
7		
8		

PLAN 6 - THE RALEIGH - RH
SINGLE FAMILY
First Floor Electrical 'Farmhouse'

DRAWN BY: South Designs
ISSUE DATE: 7/1/2021
CURRENT REVISION DATE: 07/22/2022
SCALE: 1/8" = 1'-0"

ELECTRICAL KEY

- DUPLEX OUTLET
- SPLIT SWITCHED OUTLET
- FLOOR OUTLET
- QUADPLEX OUTLET
- GROUND FAULT OUTLET
- WEATHER PROOF OUTLET
- 220v OUTLET
- EXHAUST FAN
- EXHAUST FAN / LIGHT
- EXHAUST FAN / HEAT LIGHT
- RECESSED CAN LIGHT
- EYEBALL LIGHT
- VAPOR PROTECTED LIGHT
- CEILING LIGHT
- LED DISC
- HANGING CEILING LIGHT
- HANGING PENDANT LIGHT
- WALL LIGHT
- VANITY LIGHT
- WALL SCONCE LIGHT
- SINGLE SWITCH
- 3-WAY SWITCH
- 4-WAY SWITCH
- DIMMER SWITCH
- CABLE T.V. JACK
- BUTTON
- PHONE JACK
- DIRECT WIRE
- DATA OUTLET
- SMART PANEL
- NETWORK PANEL W/ OUTLET
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR
- ELECTRICAL PANEL
- DISCONNECT SWITCH
- ELECTRIC METER
- 2 LED LIGHT
- 2 BULB FLUORESCENT
- VANITY LIGHTS
- FLOOD LIGHT
- CHIMES
- CEILING FAN
- CEILING FAN W/ LIGHT

General Power and Lighting:

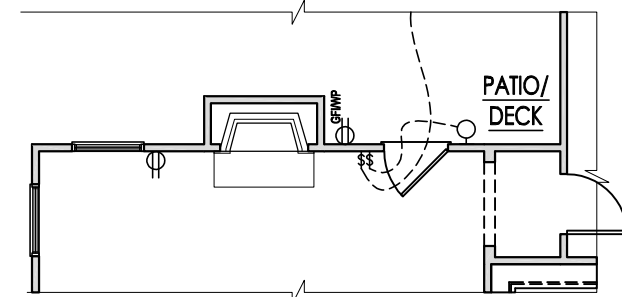
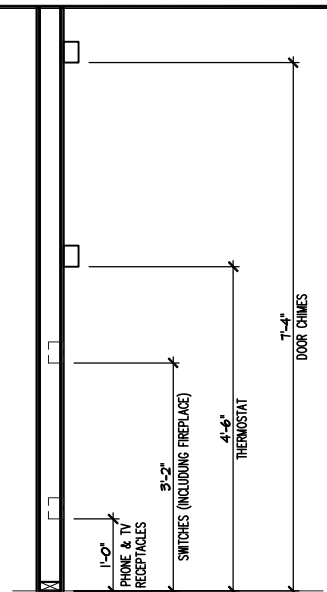
General Power and Lighting Notes shall apply unless noted otherwise on plans.

All work shall be installed per the current NC Residential Building Code, and the National Electric Code. Alarm devices shall meet NFPA 72.

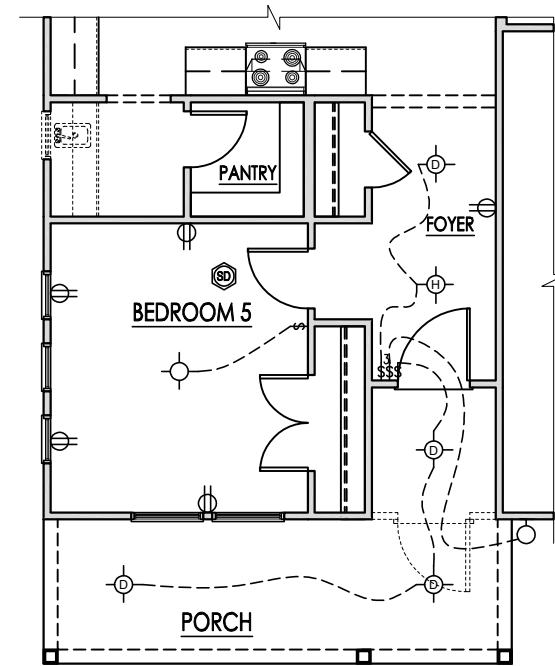
1. Smoke Alarms - Shall be provided as a minimum of (1) per floor, including basements (if applicable), (1) in each sleep room, and (1) outside each sleeping area, within the immediate vicinity of sleeping rooms. When more than one alarm is required, the alarm devices shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms. Smoke alarms shall be hard wired to permanent power and shall have batter back-ups.
2. Switches - For lighting, fans, etc. shall be installed at heights illustrated on this page and shall be located a minimum of 4 1/2" from door openings to allow for the proper installation of door casings. Switches, thermostats, security pads, and other similar devices shall be grouped together and installed thoughtfully for convenience of use and to avoid placement within centers of wall areas.

Note:
This plan is a diagram showing approximate locations of convenience outlets based on requirements found in the NC Residential Code and N.E.C. Actual positions may vary from what is shown on plan.

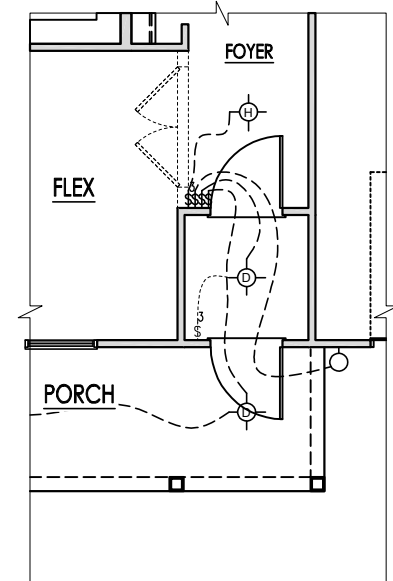
ELECTRICAL BOX HEIGHTS



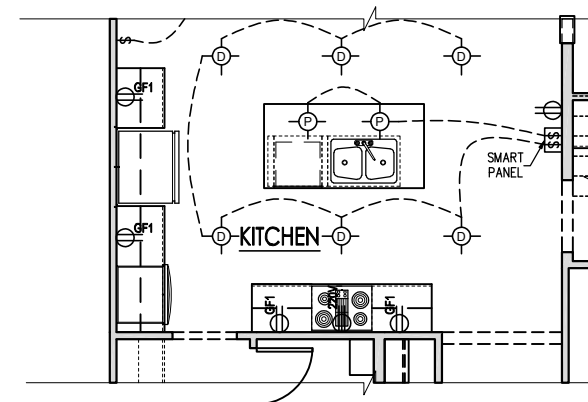
OPT. FIREPLACE
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



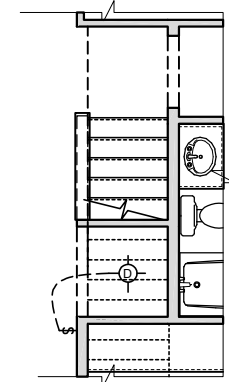
OPT. BEDROOM 5 ILO FLEX
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



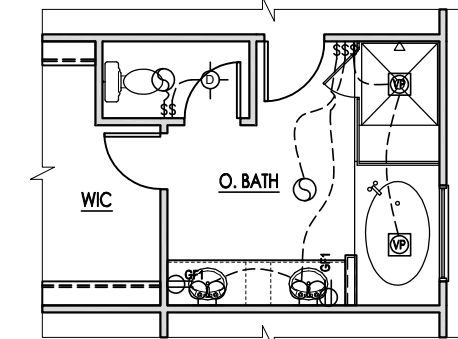
OPT. SMART DOOR
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



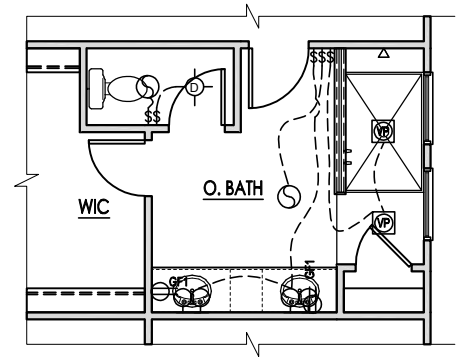
OPT. GOURMET KITCHEN
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



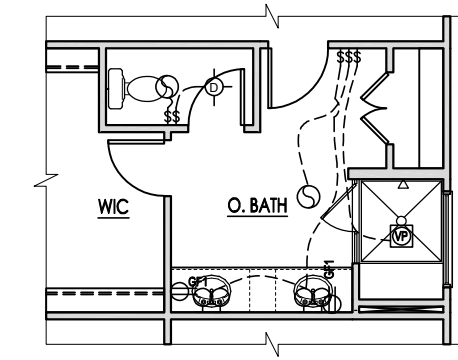
OPT. PET SPACE
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



OPT. TUB SHOWER
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



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



REV.#	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/24/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	03/21/2022
4	REFER TO COVER SHEET	07/22/2022
5		
6		
7		
8		

PLAN 6 - THE RALEIGH - RH
SINGLE FAMILY
First Floor Options Electrical 'Farmhouse'

DRAWN BY: South Designs
ISSUE DATE: 7/1/2021
CURRENT REVISION DATE: 07/22/2022
SCALE: 1/8" = 1'-0"

SHEET
5.1.1d

ELECTRICAL KEY

- DUPLEX OUTLET
- SPLIT SWITCHED OUTLET
- FLOOR OUTLET
- QUADPLEX OUTLET
- GROUND FAULT OUTLET
- WEATHER PROOF OUTLET
- 220v OUTLET
- EXHAUST FAN
- EXHAUST FAN / LIGHT
- EXHAUST FAN / HEAT LIGHT
- RECESSED CAN LIGHT
- EYEBALL LIGHT
- VAPOR PROTECTED LIGHT
- CEILING LIGHT
- LED DISC
- HANGING CEILING LIGHT
- HANGING PENDANT LIGHT
- WALL LIGHT
- VANITY LIGHT
- WALL SCONCE LIGHT
- SINGLE SWITCH
- 3-WAY SWITCH
- 4-WAY SWITCH
- DIMMER SWITCH
- CABLE T.V. JACK
- BUTTON
- PHONE JACK
- DIRECT WIRE
- DATA OUTLET
- SMART PANEL
- NETWORK PANEL W/ OUTLET
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR
- ELECTRICAL PANEL
- DISCONNECT SWITCH
- ELECTRIC METER
- 2 LED LIGHT
- 2 BULB FLUORESCENT
- VANITY LIGHTS
- FLOOD LIGHT
- CHIMES
- CEILING FAN
- CEILING FAN W/ LIGHT

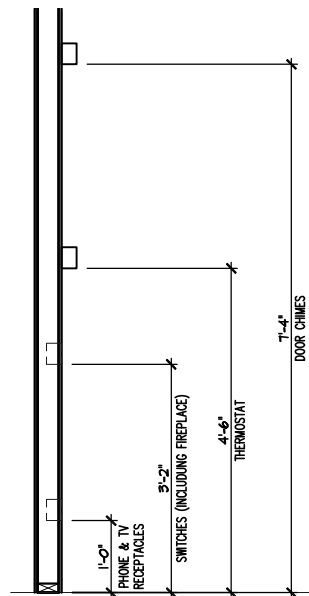
General Power and Lighting:

General Power and Lighting Notes shall apply unless noted otherwise on plans.

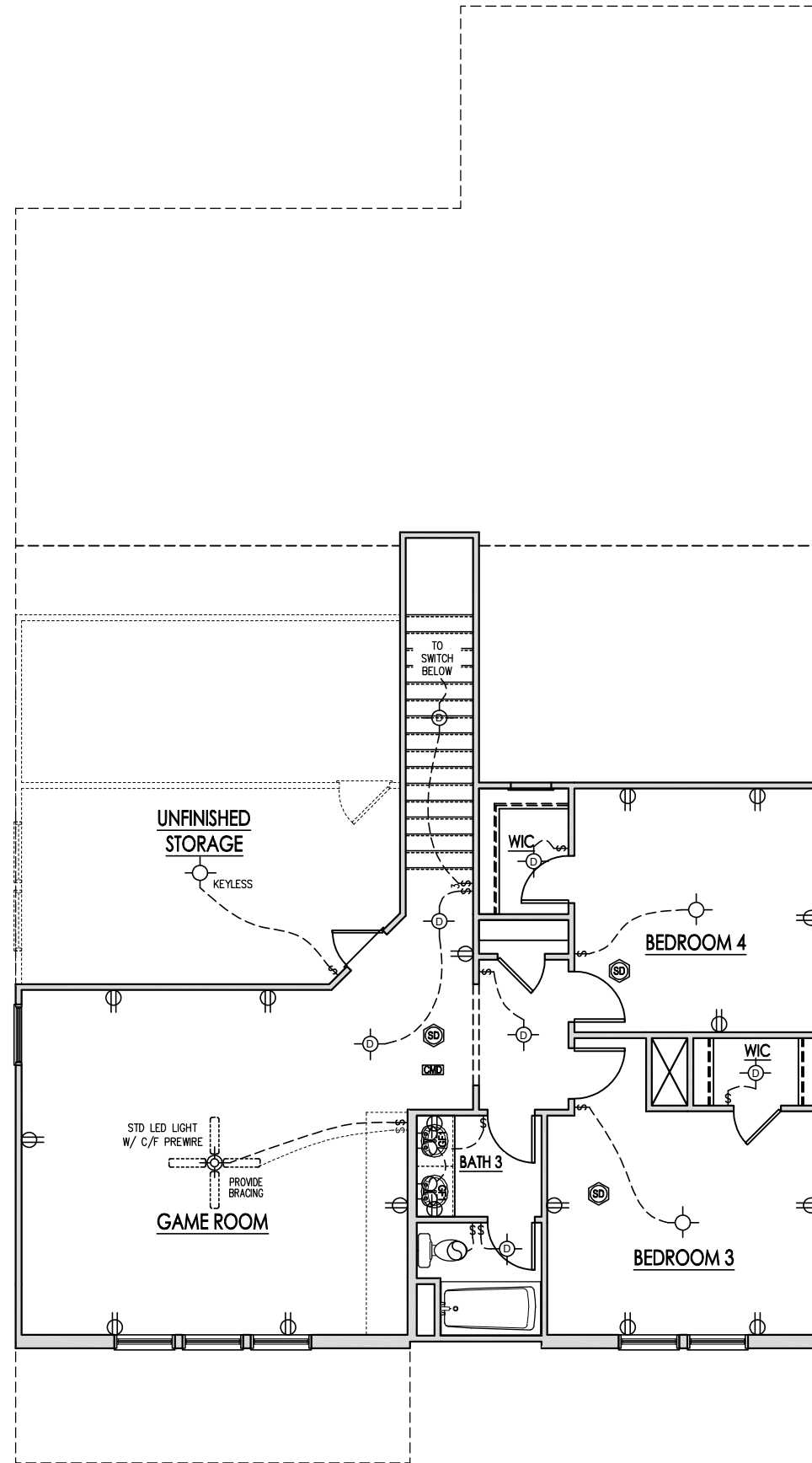
All work shall be installed per the current NC Residential Building Code, and the National Electric Code. Alarm devices shall meet NFPA 72.

1. Smoke Alarms - Shall be provided as a minimum of (1) per floor, including basements (if applicable), (1) in each sleep room, and (1) outside each sleeping area, within the immediate vicinity of sleeping rooms. When more than one alarm is required, the alarm devices shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms. Smoke alarms shall be hard wired to permanent power and shall have batter back-ups.
2. Switches - For lighting, fans, etc. shall be installed at heights illustrated on this page and shall be located a minimum of 4 1/2" from door openings to allow for the proper installation of door casings. Switches, thermostats, security pads, and other similar devices shall be grouped together and installed thoughtfully for convenience of use and to avoid placement within centers of wall areas.

Note:
This plan is a diagram showing approximate locations of convenience outlets based on requirements found in the NC Residential Code and N.E.C. Actual positions may vary from what is shown on plan.



ELECTRICAL BOX HEIGHTS



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



REV.#	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/24/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	03/21/2022
4	REFER TO COVER SHEET	07/22/2022
5		
6		
7		
8		

PLAN 6 - THE RALEIGH - RH
SINGLE FAMILY
Second Floor Electrical 'Farmhouse'

DRAWN BY: South Designs
ISSUE DATE: 7/1/2021
CURRENT REVISION DATE: 07/22/2022
SCALE: 1/8" = 1'-0"

SHEET
5.2d

ELECTRICAL KEY

- DUPLEX OUTLET
- SPLIT SWITCHED OUTLET
- FLOOR OUTLET
- QUADPLEX OUTLET
- GROUND FAULT OUTLET
- WEATHER PROOF OUTLET
- 220v OUTLET
- EXHAUST FAN
- EXHAUST FAN / LIGHT
- EXHAUST FAN / HEAT LIGHT
- RECESSED CAN LIGHT
- EYEBALL LIGHT
- VAPOR PROTECTED LIGHT
- CEILING LIGHT
- LED DISC
- HANGING CEILING LIGHT
- HANGING PENDANT LIGHT
- WALL LIGHT
- VANITY LIGHT
- WALL SCONCE LIGHT
- SINGLE SWITCH
- 3-WAY SWITCH
- 4-WAY SWITCH
- DIMMER SWITCH
- CABLE T.V. JACK
- BUTTON
- PHONE JACK
- DIRECT WIRE
- DATA OUTLET
- SMART PANEL
- NETWORK PANEL W/ OUTLET
- SMOKE DETECTOR
- CARBON MONOXIDE DETECTOR
- ELECTRICAL PANEL
- DISCONNECT SWITCH
- ELECTRIC METER
- 2 LED LIGHT
- 2 BULB FLUORESCENT
- VANITY LIGHTS
- FLOOD LIGHT
- CHIMES
- CEILING FAN
- CEILING FAN W/ LIGHT

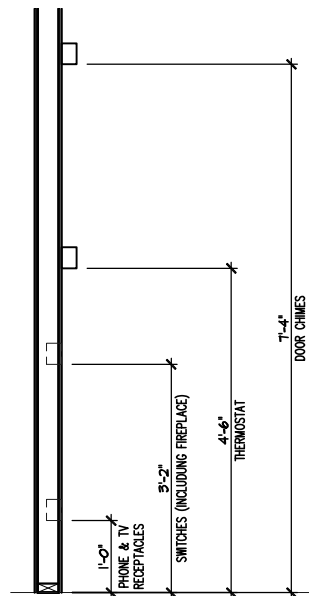
General Power and Lighting:

General Power and Lighting Notes shall apply unless noted otherwise on plans.

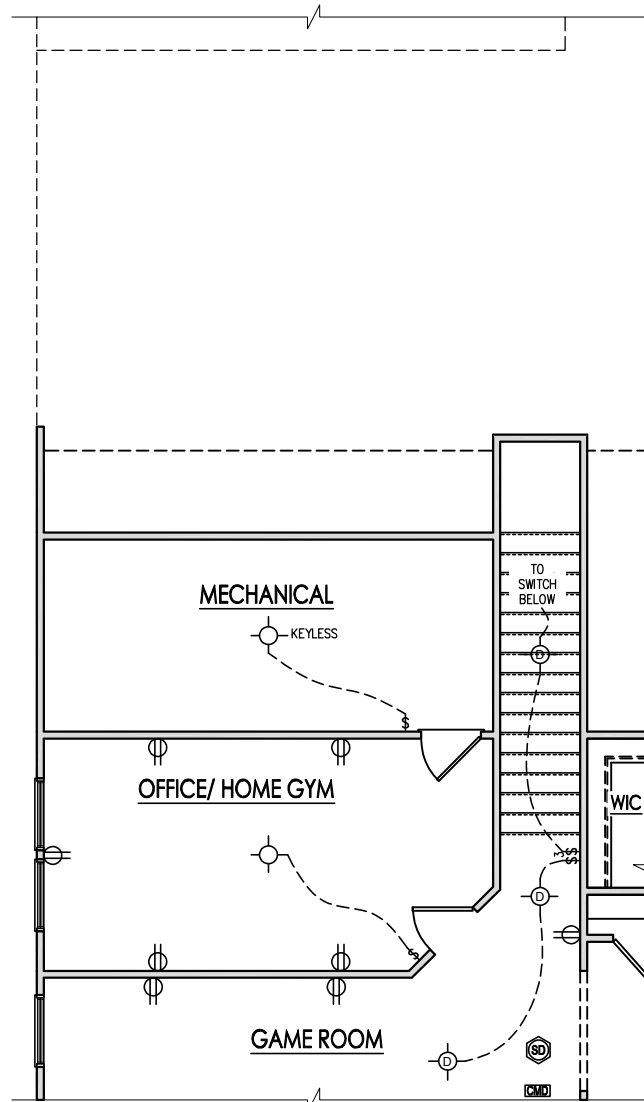
All work shall be installed per the current NC Residential Building Code, and the National Electric Code. Alarm devices shall meet NFPA 72.

1. Smoke Alarms - Shall be provided as a minimum of (1) per floor, including basements (if applicable), (1) in each sleep room, and (1) outside each sleeping area, within the immediate vicinity of sleeping rooms. When more than one alarm is required, the alarm devices shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms. Smoke alarms shall be hard wired to permanent power and shall have battery back-ups.
2. Switches - For lighting, fans, etc. shall be installed at heights illustrated on this page and shall be located a minimum of 4 1/2" from door openings to allow for the proper installation of door casings. Switches, thermostats, security pads, and other similar devices shall be grouped together and installed thoughtfully for convenience of use and to avoid placement within centers of wall areas.

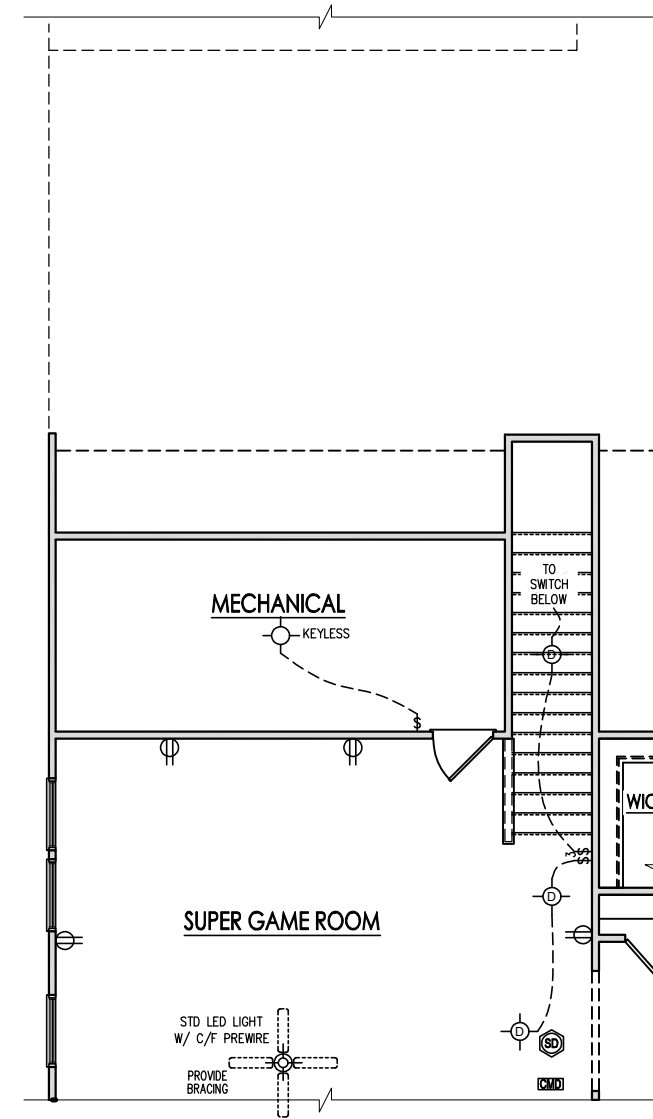
Note:
This plan is a diagram showing approximate locations of convenience outlets based on requirements found in the NC Residential Code and N.E.C. Actual positions may vary from what is shown on plan.



ELECTRICAL BOX HEIGHTS



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



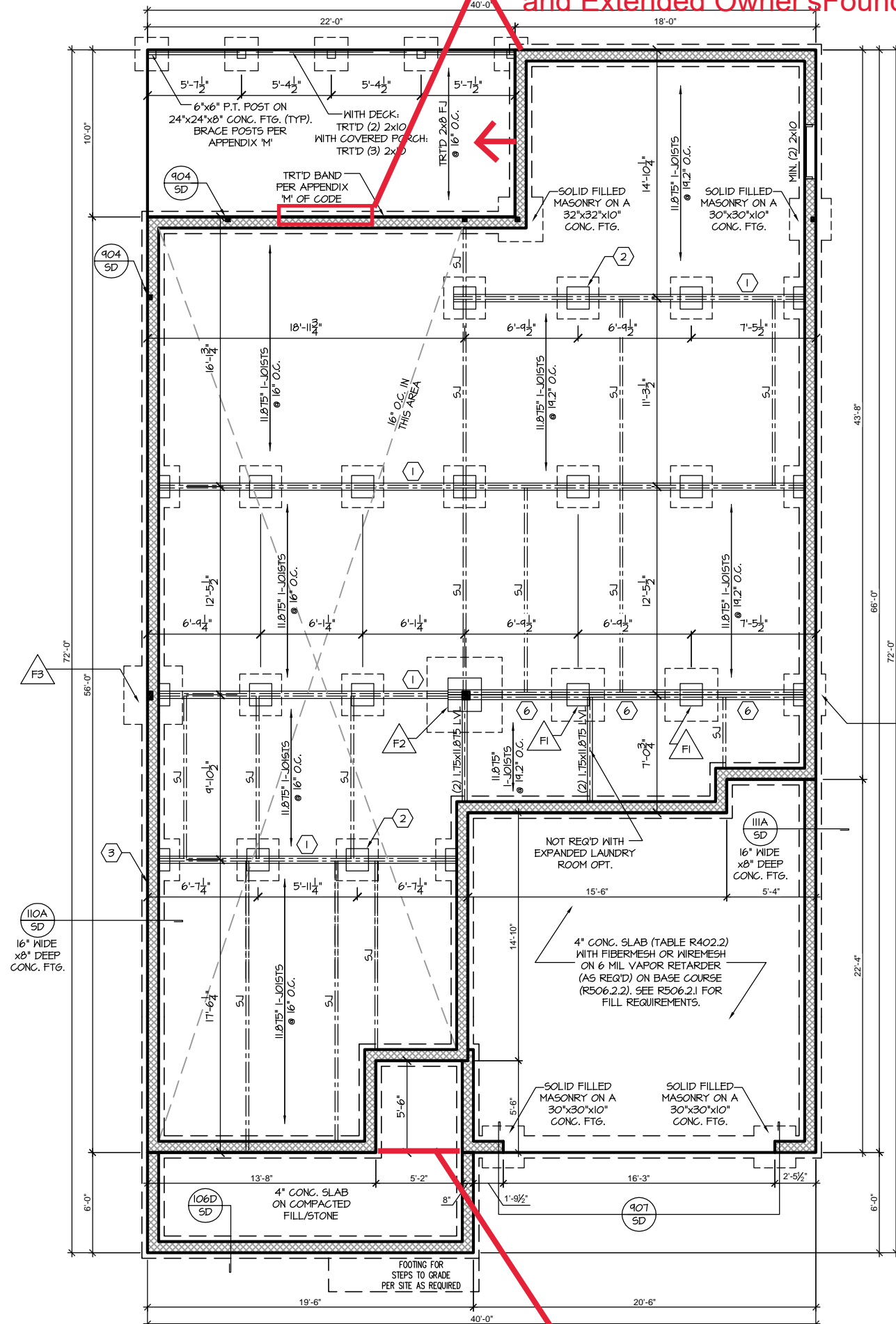
OPT. SUPER GAMEROOM
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

REV.#	DESCRIPTION	DATE
1	REFER TO COVER SHEET	11/24/2021
2	REFER TO COVER SHEET	2/4/2022
3	REFER TO COVER SHEET	03/21/2022
4	REFER TO COVER SHEET	07/22/2022
5		
6		
7		
8		

PLAN 6 - THE RALEIGH - RH SINGLE FAMILY Second Floor Options Electrical 'Farmhouse'

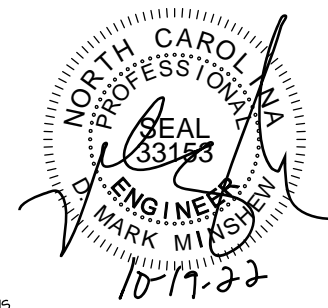
DRAWN BY: South Designs
ISSUE DATE: 7/1/2021
CURRENT REVISION DATE: 07/22/2022
SCALE: 1/8" = 1'-0"

See Sheet S-2.1.1 for Fireplace and Extended Owner's Foundations



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

See Sheet S-1.2.1 for Smart Door Delivery Foundation



PROJECT #
21-2818-RH

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

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

SOUTH DESIGNS

Plan 06 - The Raleigh - RH
NEW HOME, INC.

S-1.2

WOOD I-JOISTS
(SHALL BE ONE OF THE FOLLOWING):
• TJI 210 BY TRUS JOIST
• LPI 20 PLUS BY LP
• BCI 5000s 1.8 BY BC

- ALL WOOD I-JOISTS SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- INSTALL SQUASH BLOCKS, WEB STIFFENERS, ETC. AS REQUIRED BY AND ACCORDING TO THE I-JOIST MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS.
- HANGERS FOR I-JOISTS ARE THE RESPONSIBILITY OF THE I-JOIST SUPPLIER.
- FLOOR TRUSSES BY MANUFACTURER MAY BE SUBSTITUTED FOR I-JOISTS.

TRUSS SYSTEM REQUIREMENTS

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

FOUNDATION STRUCTURAL NOTES

- NC (2018 NCRG); Wind: 115-120 mph - CRAWL
- ① (3)2x10 SYP#2 OR SPF#2 GIRDER, TYPICAL UNO.
 - ② CONCRETE BLOCK PIER SIZE SHALL BE:

SIZE	HOLLOW	SOLID
8x16	UP TO 32"	UP TO 5'-0"
12x16	UP TO 48"	UP TO 9'-0"
16x16	UP TO 64"	UP TO 12'-0"
24x24	UP TO 96"	

 - WITH 30" x 30" x 10" CONCRETE FOOTING, UNO.
 - ③ WALL FOOTING AS FOLLOWS

DEPTH:	8" - UP TO 2 STORY
	10" - 3 STORY

 - WIDTH:
 - SIDING: 16" - UP TO 2 STORY
 - 20" - 3 STORY
 - BRICK: 16" - 1 STORY
 - 20" - 2 STORY
 - 24" - 3 STORY
 - FOR FOUNDATION WALL HEIGHT AND BACKFILL REQUIREMENTS, REFER TO CODE TABLE R404.1.1 (1 THRU 4) NOTE: ASSUMED SOIL BEARING CAPACITY = 2000 PSF. CONTRACTOR MUST VERIFY SITE CONDITIONS AND CONTACT SOILS ENGINEER IF MARGINAL OR UNSTABLE SOILS ARE ENCOUNTERED.
 - ④ (4) 2x10 SPF #2 OR SYP #2 GIRDER
 - ⑤ (2) 1.75x4.25 LVL OR LSL GIRDER
 - ⑥ (3) 1.75x4.25 LVL OR LSL GIRDER
 7. "■" DESIGNATES A SIGNIFICANT POINT LOAD TO HAVE SOLID BLOCKING TO PIER. SOLID BLOCK ALL BEAM BEARING POINTS NOTED TO HAVE THREE OR MORE STUDS TO FND, TYPICAL.
 8. ABBREVIATIONS:
 - "S.J." = SINGLE JOIST
 - "D.J." = DOUBLE JOIST
 - "T.J." = TRIPLE JOIST
 9. ADJUST SUBFLOOR THICKNESS OR JOIST SPACING AS REQ'D FOR FLOOR FINISH MATERIALS.

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



PROJECT #
21-2818-RH

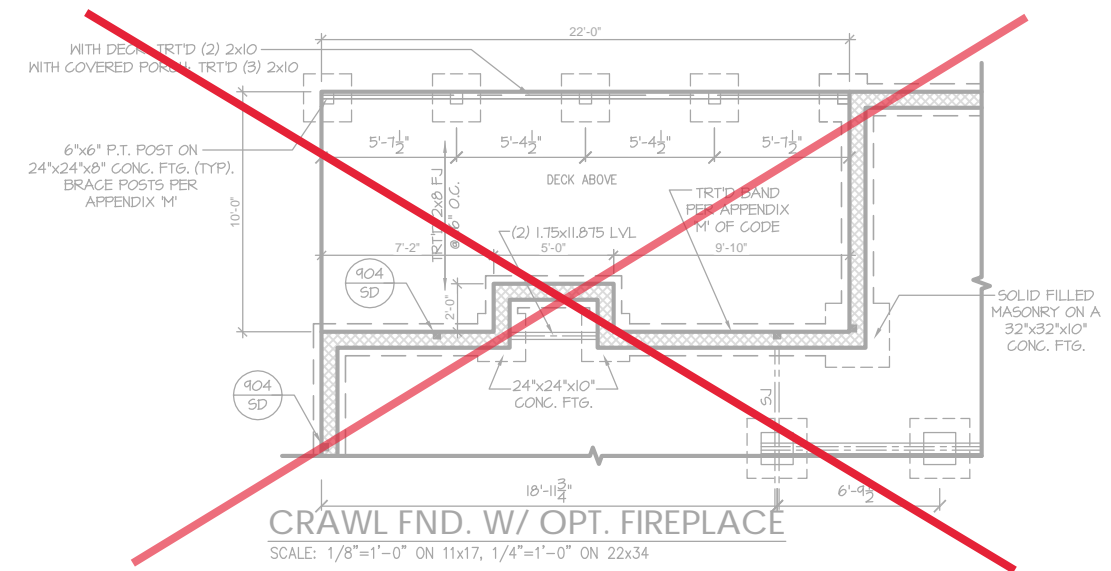
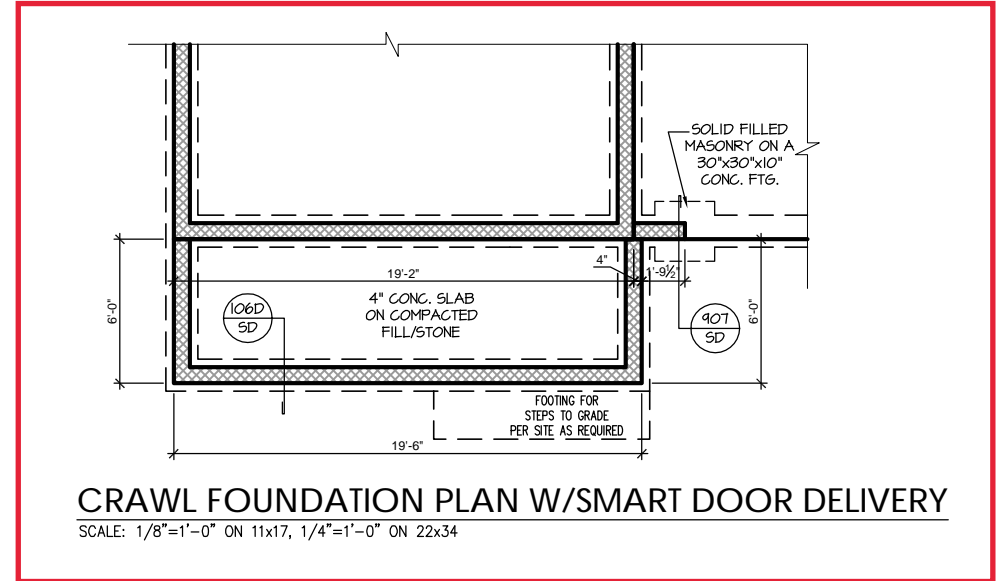
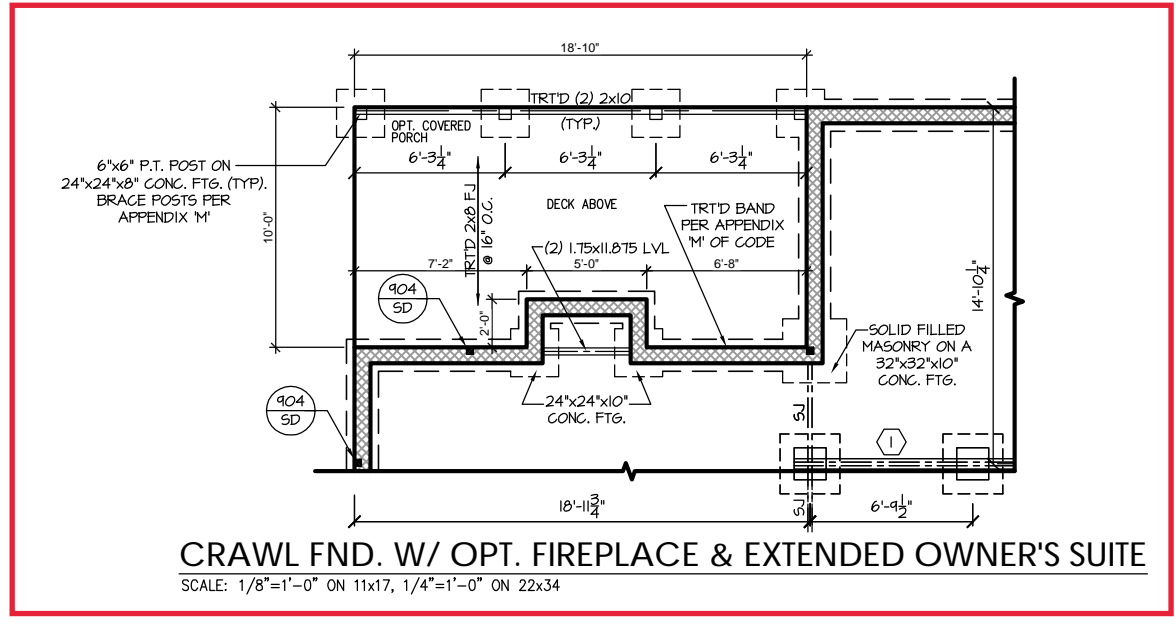
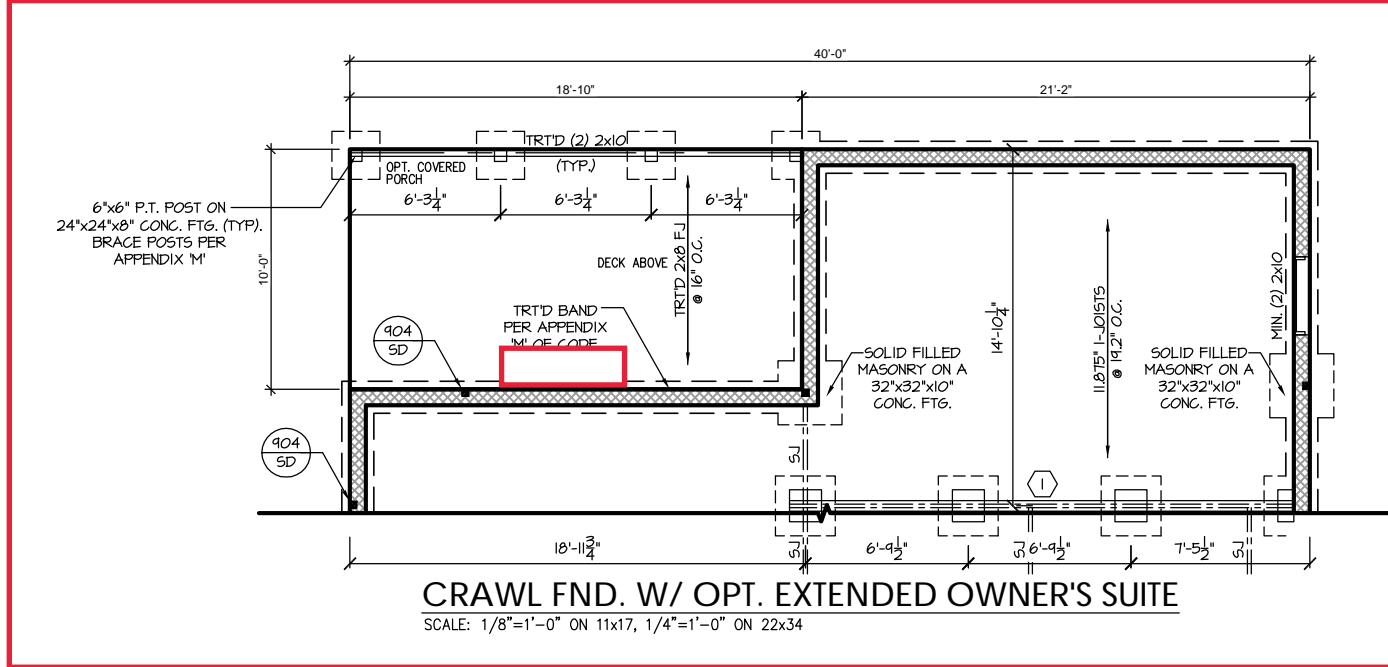
Engineers seal applies only to structural components on this document.
Seal does not include construction means, methods, techniques, sequences, procedures or safety precautions.
Any deviations or discrepancies on plans are to be brought to the immediate attention of Southern Engineers. Failure to do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

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

SOUTH DESIGNS

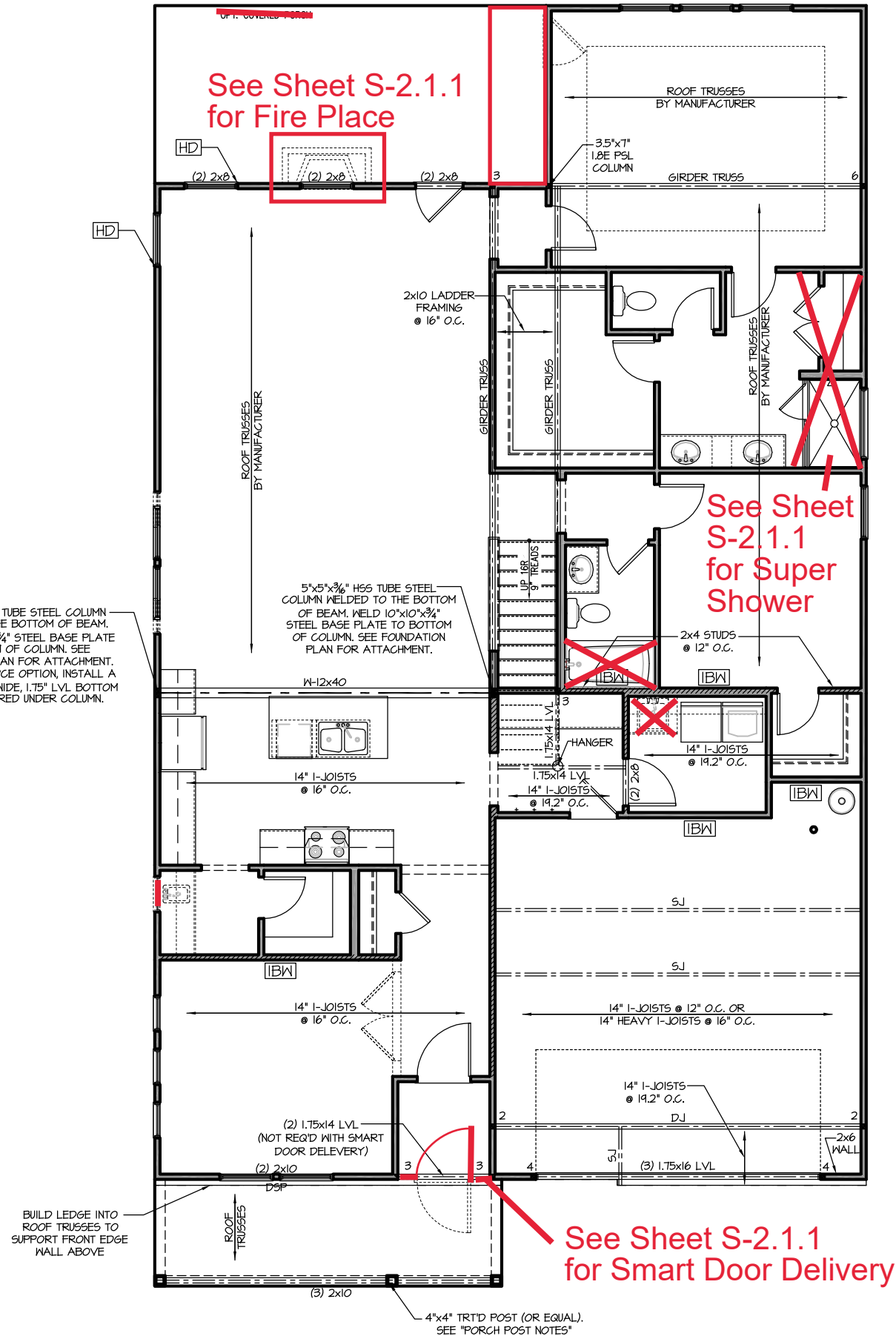
Plan 06 - The Raleigh - RH
NEW HOME, INC.

S-1.2.1



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

See Sheet S-2.5
for Extended Owner's Suite



WOOD I-JOISTS

(SHALL BE ONE OF THE FOLLOWING):

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

TRUSS SYSTEM REQUIREMENTS

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

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

FRAMING NOTES

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

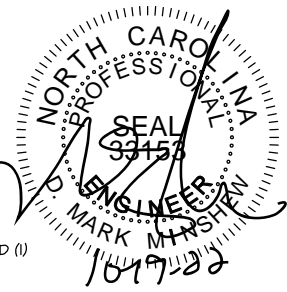
1. BRACING METHOD AND TYPE: CONTINUOUSLY SHEATHED WSP. CS-WSP. NOTE THAT THE WALL BRACING AMOUNT PROVIDED ON THE PLANS (DETAILS AND SPECIFICATIONS) IS GREATER THAN THE AMOUNT OF WALL BRACING REQUIRED BY SECTION R602.10 OF THE CODE. SEE NOTES BELOW FOR DETAILS AND SPECIFICATIONS FOR WALL BRACING AND WALL 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 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" = HOLD-DOWN: HOLD-DOWN DEVICE (NOTED AS "HD" ON PLANS) SHALL BE AN 800 POUND CAPACITY ASSEMBLY AS NOTED ON PLANS. SEE DETAILS FOR HD ASSEMBLY.
 - **GROUND/FIRST FLOOR: USE "HD HOLD-DOWN DETAIL" ON SD SHEET (OR EQUIV.)
 - **UPPER FLOORS: ATTACH BASE OF KING STUD WITH A SIMPSON CS22 STRAP DOWN ACROSS THE BAND AND DOWN TO A STUD BELOW OR HEADER BELOW. EXTEND STRAP 7" MIN ALONG EACH STUD (OR HEADER) AND ATTACH EACH END W/ (1) 8d NAILS.
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 3/8" 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" O.C. ALONG THE EDGES AND AT INTERMEDIATE SUPPORTS.

PORCH POST NOTES:

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

HEADER/BEAM & COLUMN NOTES

1. 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 NCD01 COMMENTARY "KING STUDS AT WALL OPENINGS" REVISED 1-4-2020:
 - 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



PROJECT #
21-2818-RH

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

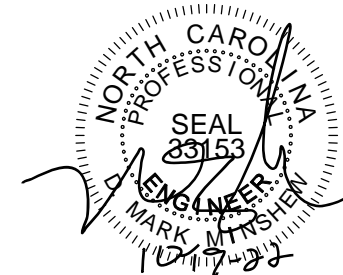
Southern Engineers, P.A.
3716 Benson Drive, Raleigh, NC 27609
Phone: (919) 878-1617
License: C-4772
www.southernengineers.com

SOUTH DESIGNS

Plan 06 - The Raleigh - RH
NEW HOME, INC.

S-2.1

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



PROJECT #
21-2818-RH

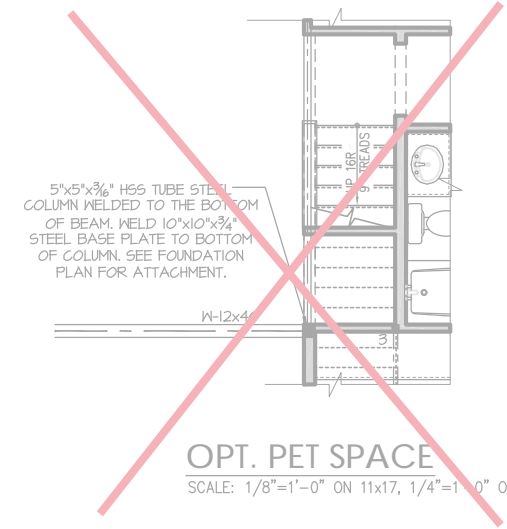
Engineers seal applies only to structural components on this document.
Seal does not include construction means, methods, techniques, sequences, procedures or safety precautions.
Any deviations or discrepancies on plans are to be brought to the immediate attention of Southern Engineers. Failure to do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

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

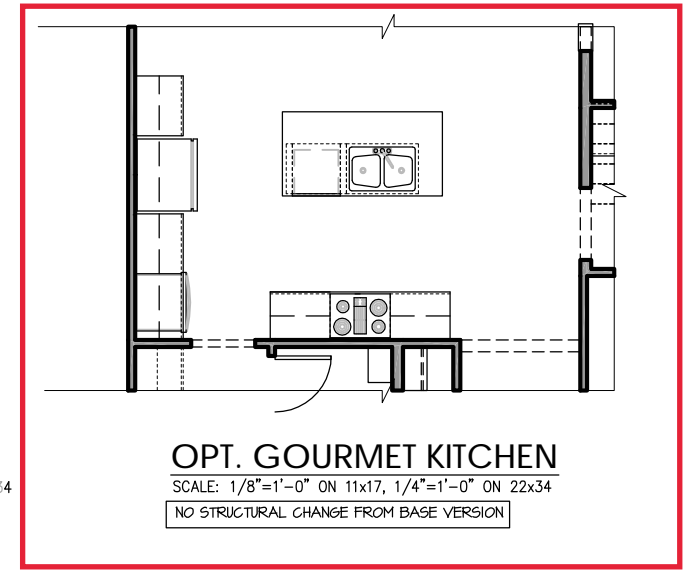
SOUTH DESIGNS

Plan 06 - The Raleigh - RH
NEW HOME, INC.

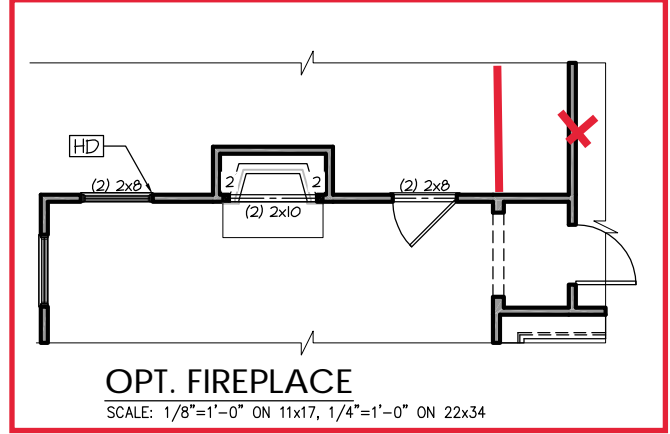
S-2.1.1



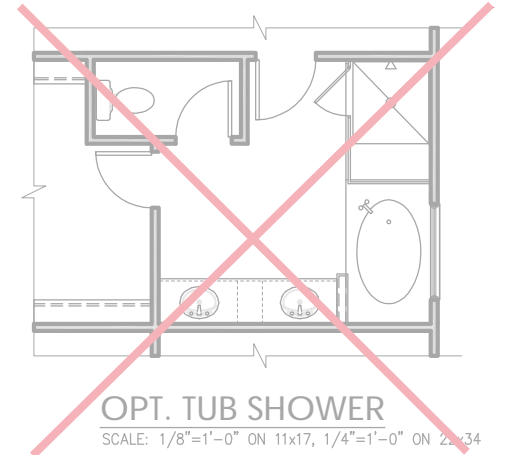
OPT. PET SPACE
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



OPT. GOURMET KITCHEN
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34
NO STRUCTURAL CHANGE FROM BASE VERSION

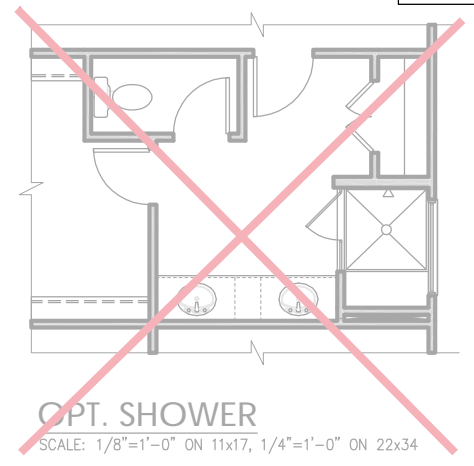


OPT. FIREPLACE
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



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

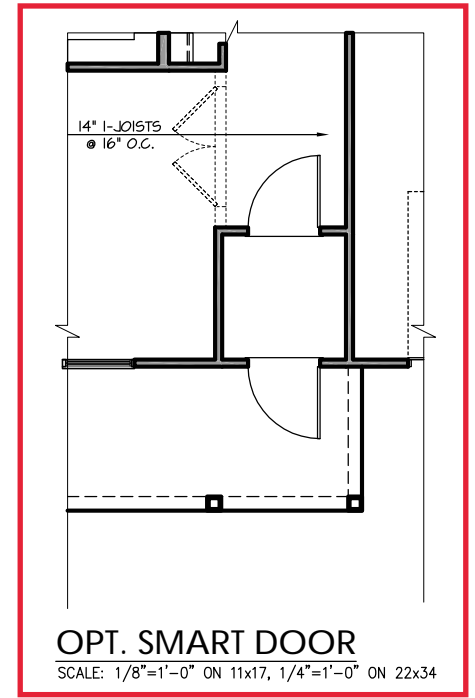
NO STRUCTURAL CHANGES OTHER THAN WINDOW LAYOUT WITH SHOWER OPTIONS



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

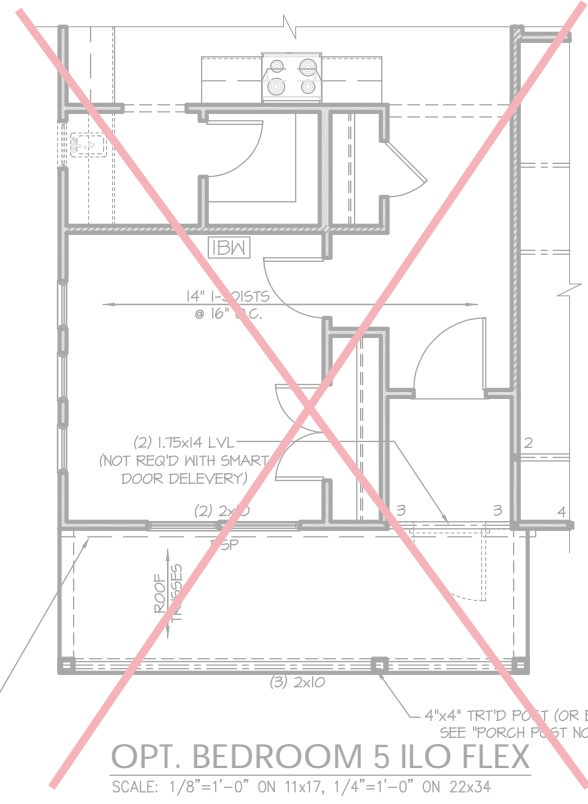


OPT. SUPER SHOWER
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



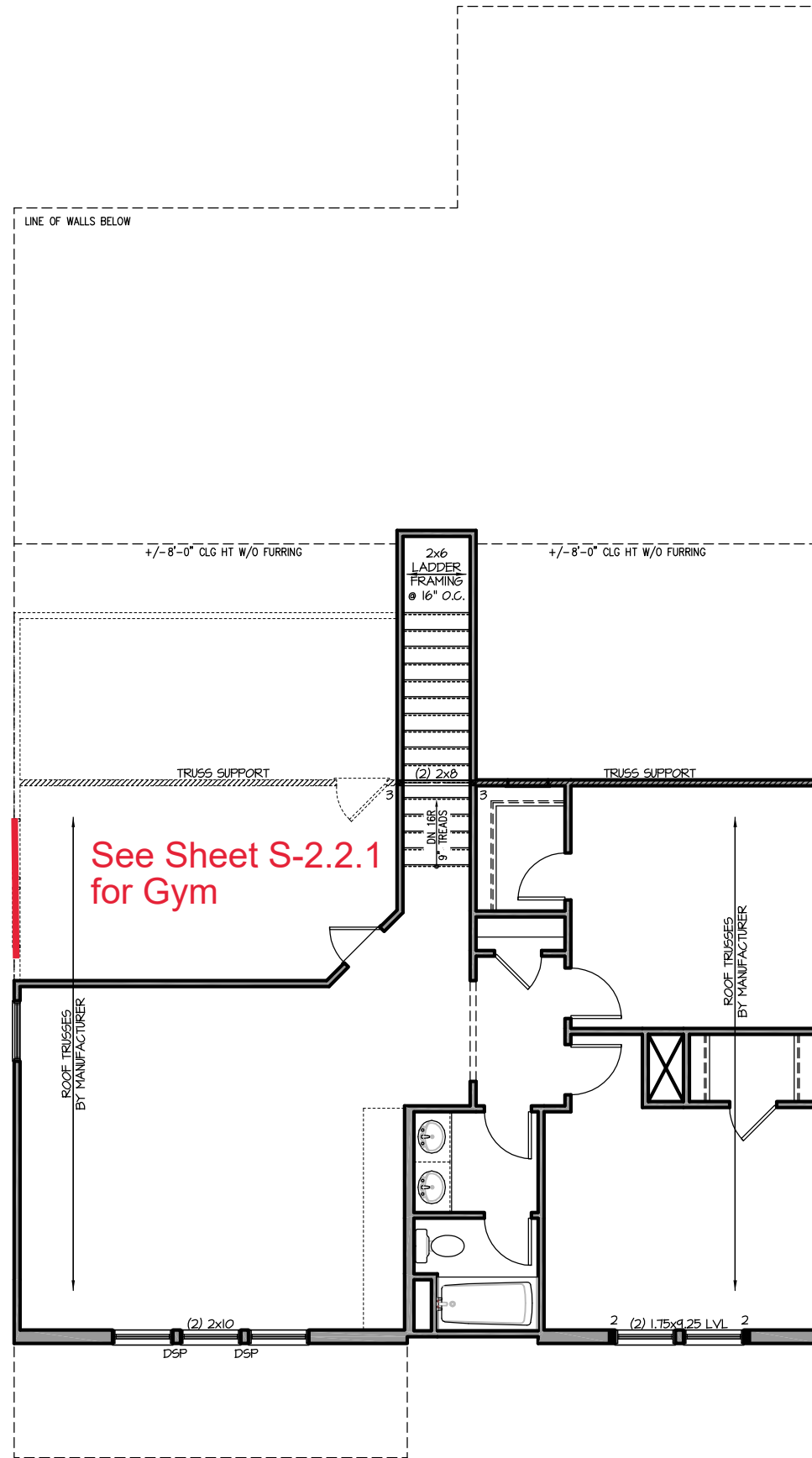
OPT. SMART DOOR
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

BUILD LEDGE INTO ROOF TRUSSES TO SUPPORT FRONT EDGE WALL ABOVE



OPT. BEDROOM 5 ILO FLEX
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.



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

TRUSS SYSTEM REQUIREMENTS

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

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

HEADER/BEAM & COLUMN NOTES

1. 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 NCD01 COMMENTARY "KING STUDS AT WALL OPENINGS" REVISED 1-4-2020:
 - 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 NCRG): Wind: 115-120 mph

1. 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 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" = HOLD-DOWN: HOLD-DOWN DEVICE (NOTED AS "HD" ON PLANS) SHALL BE AN 800 POUND CAPACITY ASSEMBLY AS NOTED ON PLANS. SEE DETAILS FOR HD ASSEMBLY.
 - **GROUND/FIRST FLOOR: USE "HD HOLD-DOWN DETAIL" ON 5D SHEET (OR EQUIV.)
 - **UPPER FLOORS: ATTACH BASE OF KING STUD WITH A SIMPSON CS22 STRAP DOWN ACROSS THE BAND AND DOWN TO A STUD BELOW OR HEADER BELOW. EXTEND STRAP 7" MIN ALONG EACH STUD (OR HEADER) AND ATTACH EACH END W/ (1) 8d NAILS.
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 1/8" 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" O.C. ALONG THE EDGES AND AT INTERMEDIATE SUPPORTS.

REFER TO "5D" SHEET(S) FOR STANDARD DETAILS, BRACING DETAILS AND STRUCTURAL NOTES.



PROJECT #
21-2818-RH

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

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

SOUTH DESIGNS

Plan 06 - The Raleigh - RH
 NEW HOME, INC.

S-2.2



PROJECT #
21-2818-RH

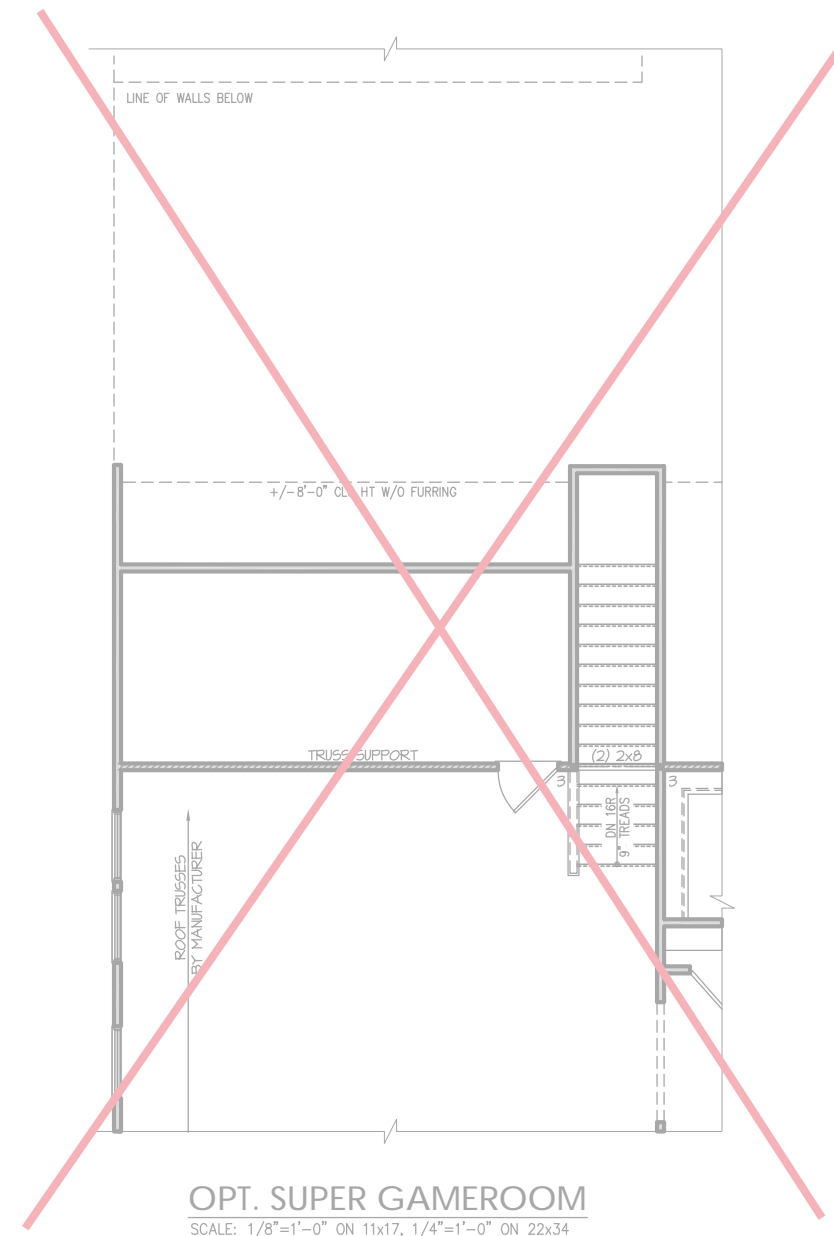
Engineers seal applies only to structural components on this document.
Seal does not include construction means, methods, techniques, sequences, procedures or safety precautions.
Any deviations or discrepancies on plans are to be brought to the immediate attention of Southern Engineers. Failure to do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

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

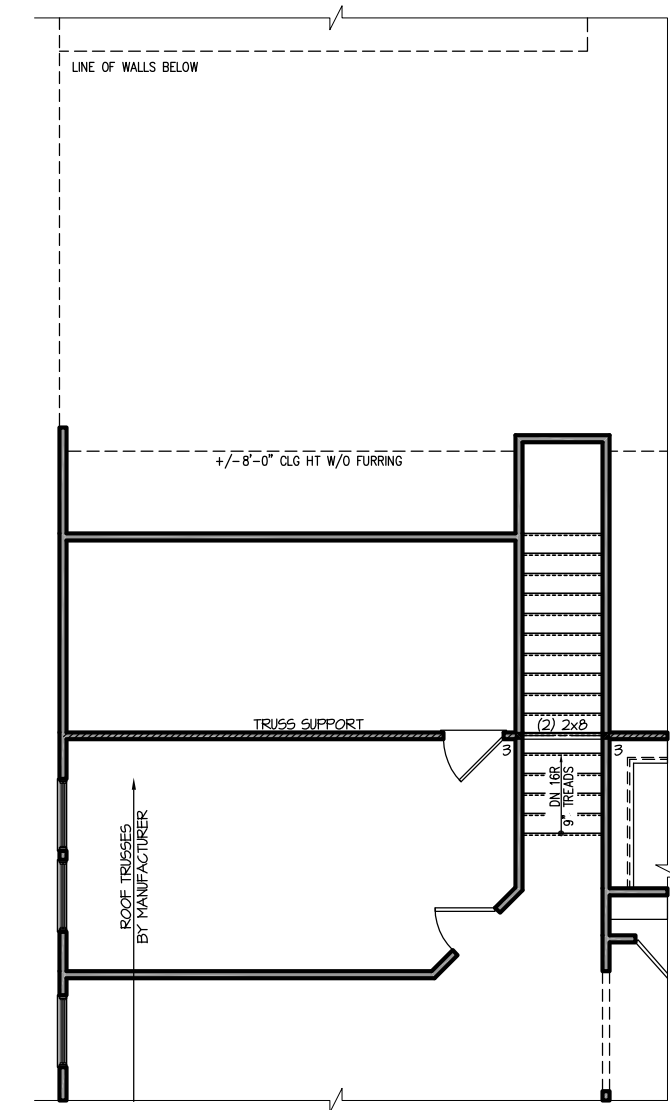
SOUTH DESIGNS

Plan 06 - The Raleigh - RH
NEW HOME, INC.

S-2.2.1



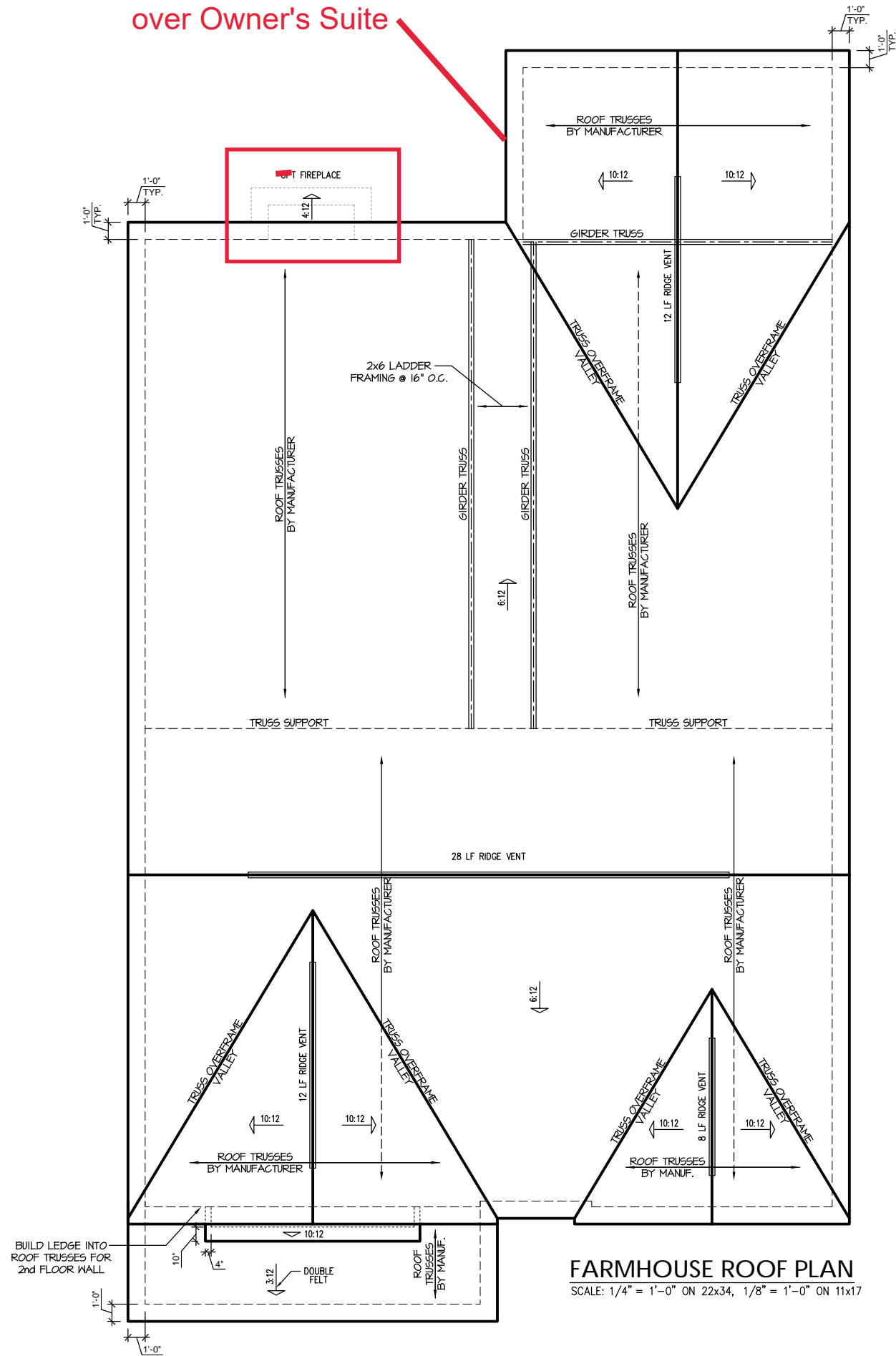
OPT. SUPER GAMEROOM
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34



~~OPT. OFFICE~~
OPT. HOME GYM
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.

See Sheet 2.5 for extended roof over Owner's Suite



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

TRUSS SYSTEM REQUIREMENTS

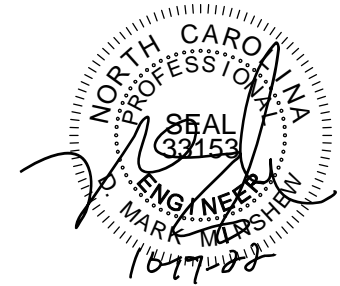
NC (2018 NCRG): Wind: 115-120 mph

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

ATTIC VENT SCHEDULE

FARMHOUSE								
MAIN HOUSE		SQ FTG	2431	AT / NEAR RIDGE			AT / NEAR EAVE	
VENT TYPE	SQ. FT. REQUIRED RANGE	SQ. FT. SUPPLIED	PERCENT OF TOTAL SUPPLIED	POT LARGE (SQ. FT. EACH)	POT SMALL (SQ. FT. EACH)	RIDGE VENT (SQ. FT. PER LF)	EAVE VENT (SQ. IN. EACH)	CONT. VENT (SQ. IN. PER LF)
RIDGE VENT	3.24 4.05	7.50	72.29	0	0	60.00		
SORT VENTS	4.86 4.05	2.88	27.71				0	46.00
TOTAL (MIN)	8.10 8.10	10.38	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



PROJECT #
21-2818-RH

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

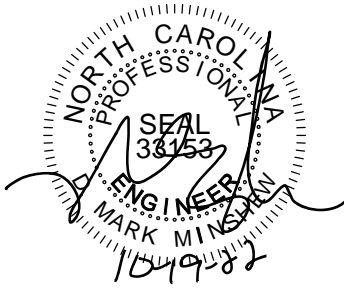
Southern Engineers, P.A.
3716 Benson Drive, Raleigh, NC 27609
Phone: (919) 878-1617
License: C-4772
www.southernengineers.com

SOUTH DESIGNS

Plan 06 - The Raleigh - RH
NEW HOME, INC.

S-3.1

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



PROJECT #
21-2818-RH

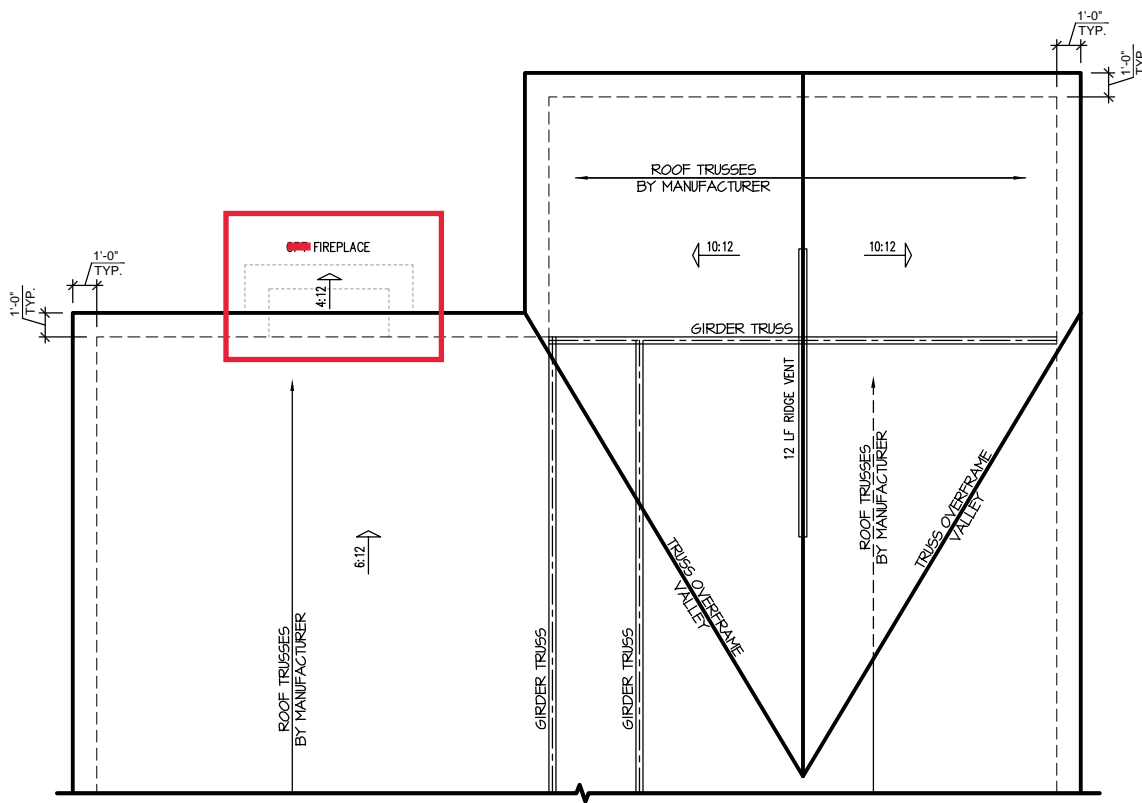
Engineers seal applies only to structural components on this document.
Seal does not include construction means, methods, techniques, sequences, procedures or safety precautions.
Any deviations or discrepancies on plans are to be brought to the immediate attention of Southern Engineers. Failure to do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

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

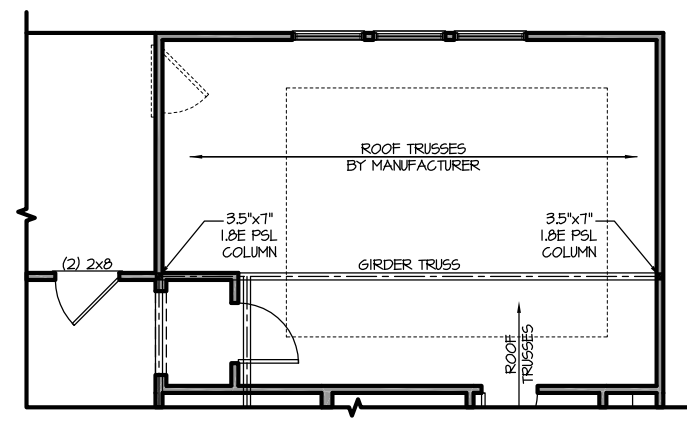
SOUTH DESIGNS

Plan 06 - The Raleigh - RH
NEW HOME, INC.

S-2.5



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

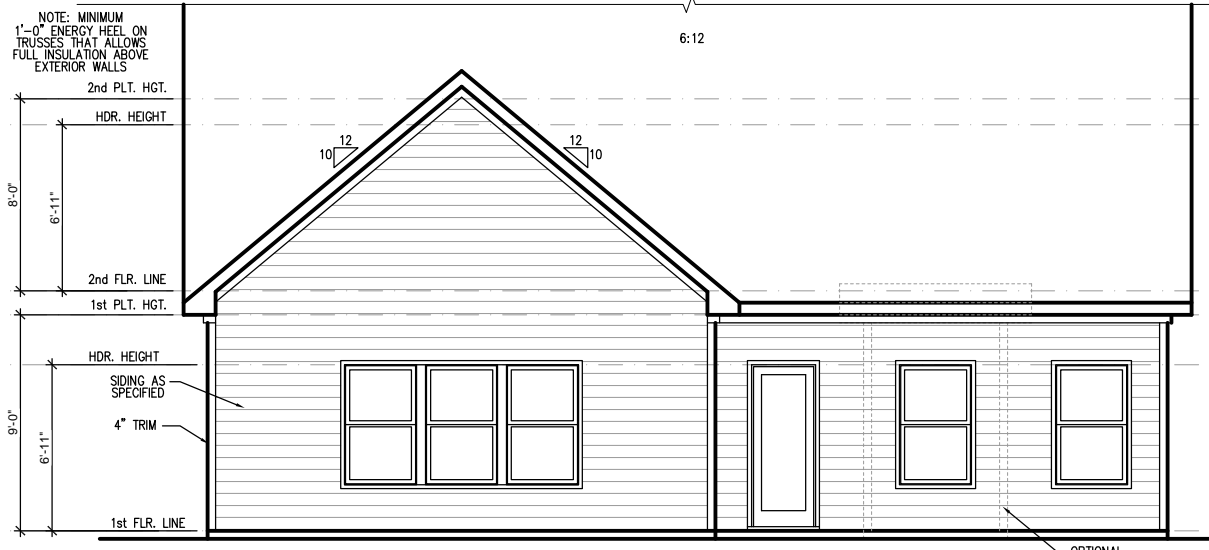


EXTENDED OWNER'S SUITE FLOOR PLAN
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

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

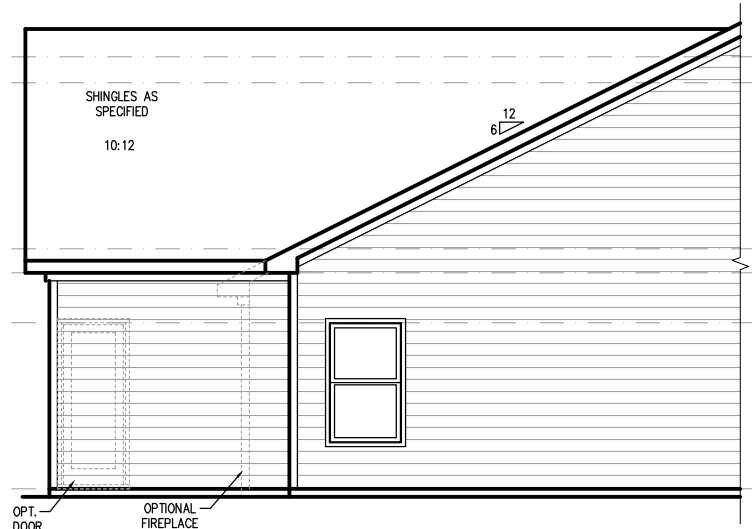
1. TRUSS SYSTEM LAYOUTS (PLACEMENT PLANS) SHALL BE DESIGNED IN ACCORDANCE WITH SEALED STRUCTURAL PLANS. ANY NEED TO CHANGE TRUSSES SHALL BE COORDINATED WITH SOUTHERN ENGINEERS.
2. TRUSS SCHEMATICS (PROFILES) SHALL BE PREPARED AND SEALED BY TRUSS MANUFACTURER.
3. ALL TRUSSES SHALL BE DESIGNED FOR BEARING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

NOTE: MINIMUM 1'-0" ENERGY HEEL ON TRUSSES THAT ALLOWS FULL INSULATION ABOVE EXTERIOR WALLS



EXTENDED OWNER'S SUITE REAR ELEVATION
SCALE: 1/8"=1'-0" ON 11x17, 1/4"=1'-0" ON 22x34

Crawl



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

Crawl

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