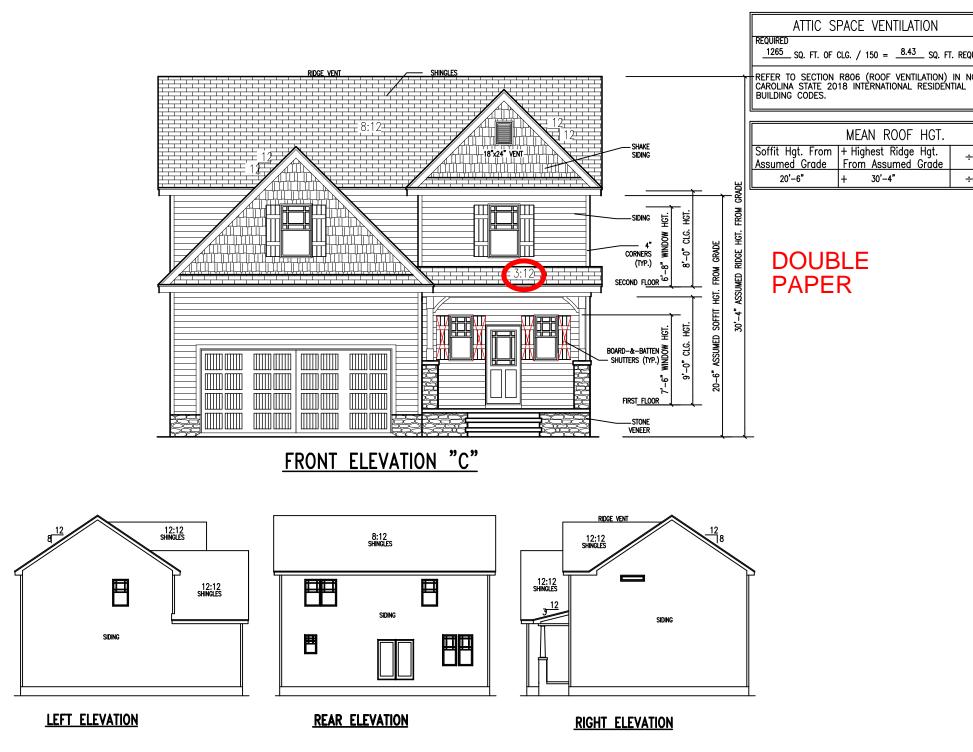
Alton Fields Lot 15 - 70 Sundrops Trail





UIRED	
ORTH	

÷2		= Mean Hgt.	Roof	
÷2	= 25'-5"	Mean	Roof	Hgt.



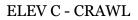


PROJECT #: DRB2201-0265 PRINCETON

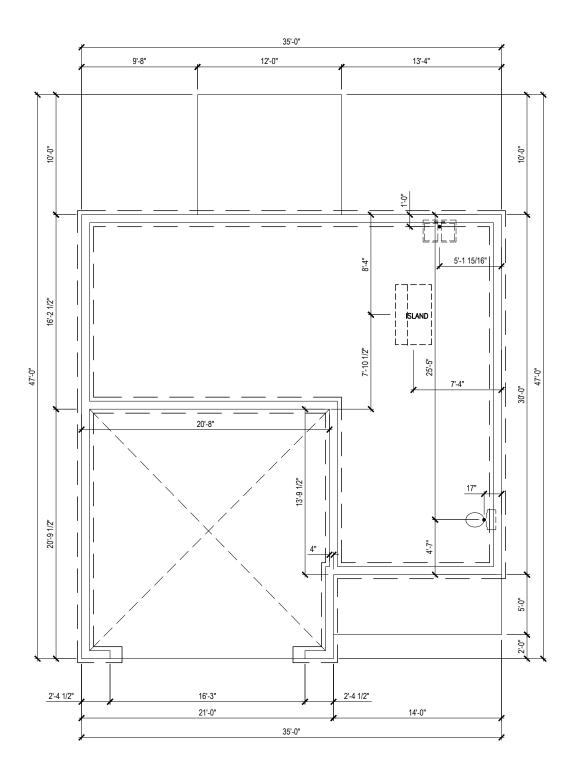
DATE: 09/16/2022

DRAWN BY: MMB

CHECKED BY: RB







PLUMBING LAYOUT

114 W. Main Street, Clayton, North Carolina 27520 One27Homes.com | One27Design.com | 919-588-2127

0 N E 27

PROJECT #: DRB2201-0265 PRINCETON

DATE: 09/16/2022

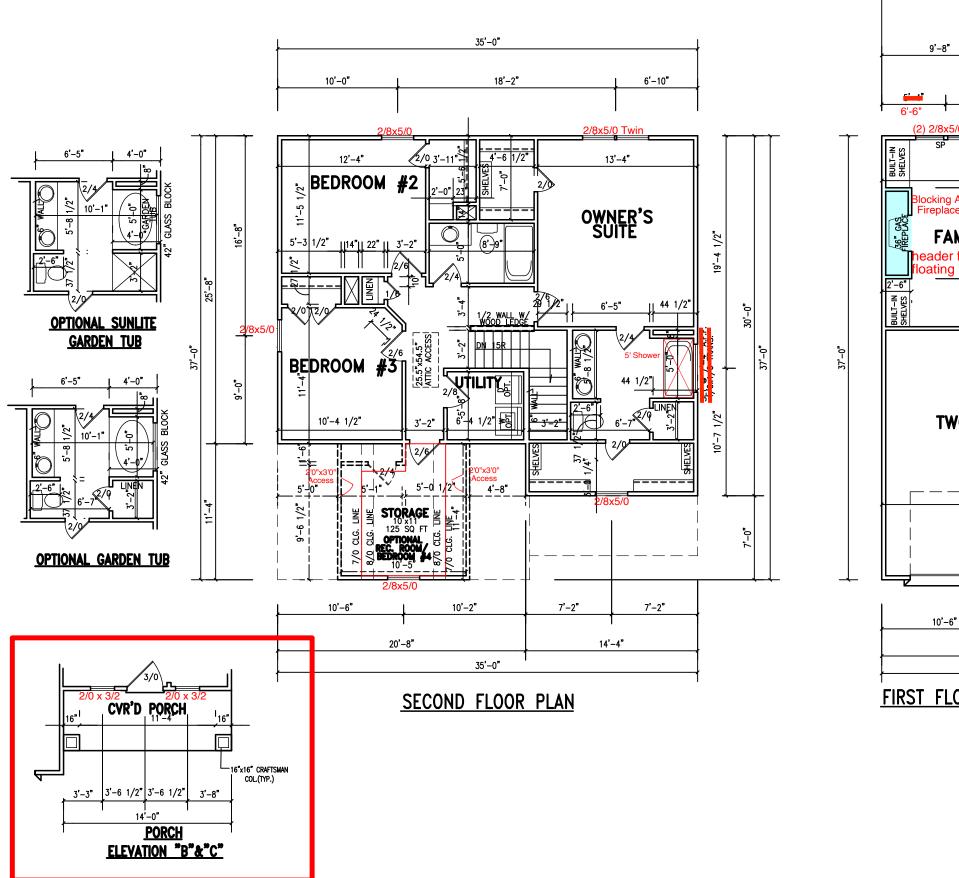
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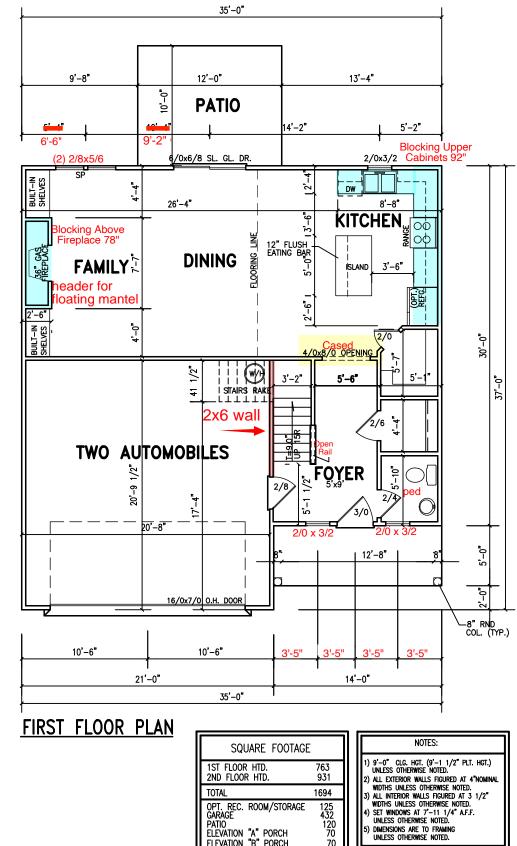
CHECKED BY: RB

PLUMBING

2

OF 4





TOTAL OPT. REC. ROOM/STORAGE GARAGE PATIO ELEVATION "A" PORCH ELEVATION "B" PORCH ELEVATION "C" PORCH



Ш Z Ο

PROJECT #: DRB2201-0265 PRINCETON

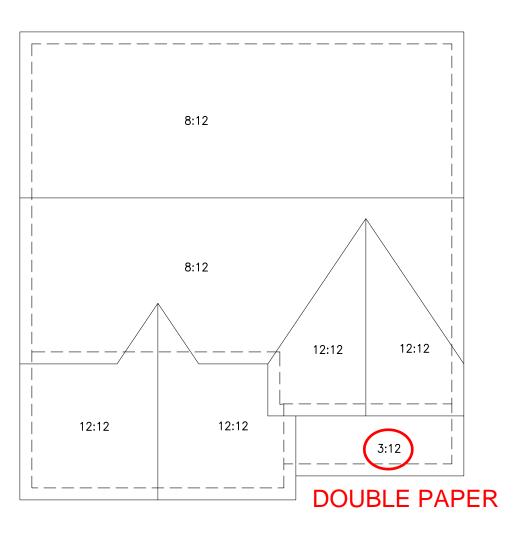
DATE: 09/16/2022

DRAWN BY: MMB

CHECKED BY: RB



3 OF 4



ROOF FRAMING PLAN

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PROJECT #: DRB2201-0265 PRINCETON

DATE: 09/16/2022

DRAWN BY: MMB

CHECKED BY: RB

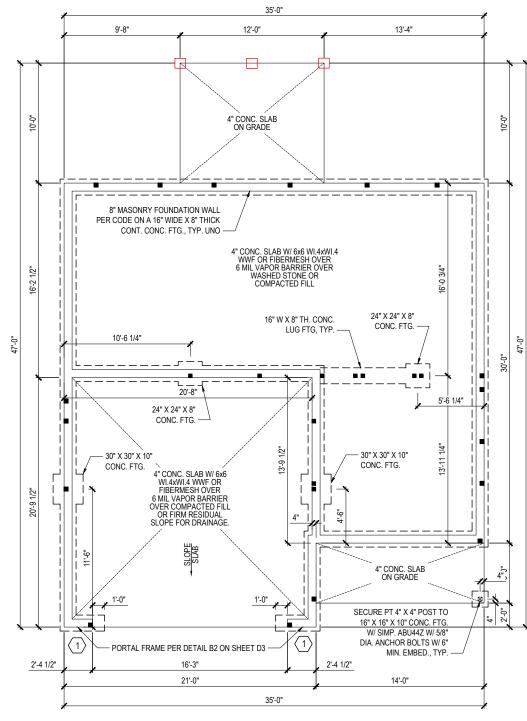
OF 4

ROOF

Ο

DESIGN LOADS

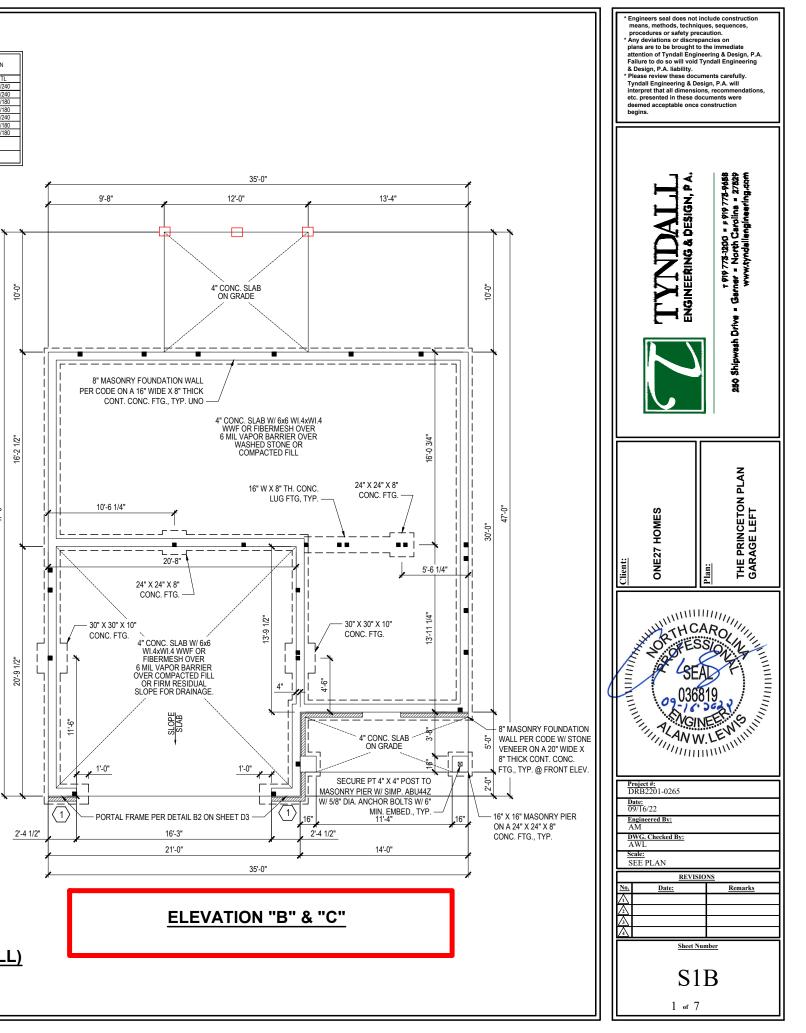
	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLE	CTION	
	(-)	(.)	LL	TL	
FLOOR (primary)	40	10	L/360	L/240	
FLOOR (secondary)	40	10	L/360	L/240	
ATTIC (w/ storage)	20	10	L/240	L/180	
ATTIC (no access)	10	5	L/240	L/180	
EXTERNAL BALCONY	40	10	L/360	L/240	
ROOF	20	10	L/240	L/180	
ROOF TRUSS	20	20	L/240	L/180	
WIND LOAD	BASED ON 120 MPH (EXPOSURE B)				
SEISMIC	BASED ON SEISMIC ZONES A, B & C				





- STRUCTURAL NOTES: 1) ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF 'NORTH CAROLINA STATE 2018 RESIDENTIAL BUILDING CODE', IN ADDITION TO ALL LOCAL TO STORY IN THE OTHER STATES AND A CODES AND REGULATIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL
- In Is The Contractions Responsibility TO Verify ALL DIMENSIONS AND SQUARE FOOTAGE PRIOR TO CONSTRUCTION. TYNDALL ENGINEERING & DESIGN, PA IS NOT RESPONSIBLE FOR DIMENSIONS AND SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS. 3) ALL LUMBER SHALL BE SYP #2 (UNO)
- ALL LVL LUMBER TO BE 1.75" WIDE NOMINAL EACH SINGLE
- ALL LVL LUMEEN 103 E1.1/5 WIDE NOMINAL EACH SINGLE MEMBER AND Fb = 2600 PSI, E = 1.9M PSI (I.E. iLEVEL MICROLAM) ALL LSL LUMEEN IS TO BE 1.55E (Fb = 2325 PSI) ALL LGAD BEARING EXTERIOR WINDOW HEADERS ARE TO BE (2) 2x10 w(11) 2x4 JACK STUD (U.N.C.) AND KING STUDS PER 4)
- (2) 2x10 wt (1) 2x4 JACK STUD (U.N.C), AND KING STUDS PER TABLE R602, 75, AND TOGETHERW (2) 100 AULS @ 8° C.C., PROVIDED THAT THE TOP OF THE WINDOW HEIGHT IS 1-8°. MINIMUM BOTTOM OF THE WINDOW HEIGHT IS 1-8°. OTHERWISE REFER TO TABLES R602,7(1) AND R602,7(2), ALL INTERIOR LOAD BEARING HEADERS TO DE (2) 2x10 (U.N.C), REFER TO TABLES R602,7(1) AND R602,7(2) FOR JACK STUD DECLUIPELIENTE ECH MEANER BRANS COP WITERIOR AND
- REQUIREMENTS FOR HEADER SPANS FOR INTERIOR AND EXTERIOR LOAD CONDITIONS (UNO)
- EATERNOLLOAD CONDITIONS (UNO) REFER TO 2018 NC BUILDING CODE SECTION R602 FOR CONSTRUCTION OF ALL WALLS OVER 10°0° IN HEIGHT. ALL STRUCTURAL STEEL SHALL BE ASTM A992 GRADE 50 Fy = 50 KSI MIN. (UNO)

- Fy = 50 KSI MIN. (UNO) T BE #2 SYP PT ALL CONCRETE, (6 = 3000 PSI MIN PRESUMPTIVE BEARING CAPACITY = 2000 PSF 12'20 ANCHOR BOLTS SPACED AT MAXIMUM OF 6'0" O.C. AND NOT MORE THAN 12' FROM THE CORNER, THERE SHALL BE A MINIMUM OF (2) BOLTS PER PLATE SECTION. ANCHOR BOLTS SHALL BE SPACED AT 30' O.C. FOR BASEMENTS, ANCHOR POLT SUAL ACTEMPT RET INTO CONCENTE OF MICRONIP/ BOLT SHALL EXTEND 7" INTO CONCRETE OR MASONRY 12) PSL COLUMNS DESIGNED WITH MAX. HEIGHT OF 9'-0" (UNO)
- PROVIDE A MINIMUM OF PORCH COLUMNS. (U.N.O.) PROVIDE A MINIMUM OF PORCH COLUMNS. (U.N.O.) PROVIDE CONTINUOUS SHEATHING PER SECTION 602.10.4 OF
- THE 2018 IRC. MAXIMUM MASONRY PIER HEIGHT SHALL NOT EXCEED FOUR 15)
- TIMES ITS LEAST HORIZONTAL DIMENSION.
- INTERS ITS LEAST HORIZONTAL DIMENSION. UPLIFT LOADS GREATER THAN 500# SHALL BE CONTINUOUSLY ANCHORED TO THE FOUNDATION. METAL HANGERS SHALL BE SIMPSON OR APPROVED EQUAL. 16)
- 17)



ELEVATION "A"

(1) REFERENCE FIGURE R602.10.4.3 OF THE 2018 NCRC.

FOUNDATION PLAN (STEM WALL)

PORCH ELEV. A 1/8" = 1'-0" (11"x17") 1/4" = 1'-0" (24"x36")

DESIGN LOADS

	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLE	CTION	
	(/	()	LL	TL	
FLOOR (primary)	40	10	L/360	L/240	
FLOOR (secondary)	40	10	L/360	L/240	
ATTIC (w/ storage)	20	10	L/240	L/180	
ATTIC (no access)	10	5	L/240	L/180	
EXTERNAL BALCONY	40	10	L/360	L/240	
ROOF	20	10	L/240	L/180	
ROOF TRUSS	20	20	L/240	L/180	
WIND LOAD	BASED ON 120 MPH (EXPOSURE B)				
SEISMIC	BASED ON SEISMIC ZONES A, B & C				

ALL LUMBER SHALL BE SYP #2 (UNO)

EXTERIOR LOAD CONDITIONS (UNO)

REQUIREMENTS FOR HEADER SPANS FOR INTERIOR AND

BOLT SHALL EXTEND 7" INTO CONCRETE OR MASONRY

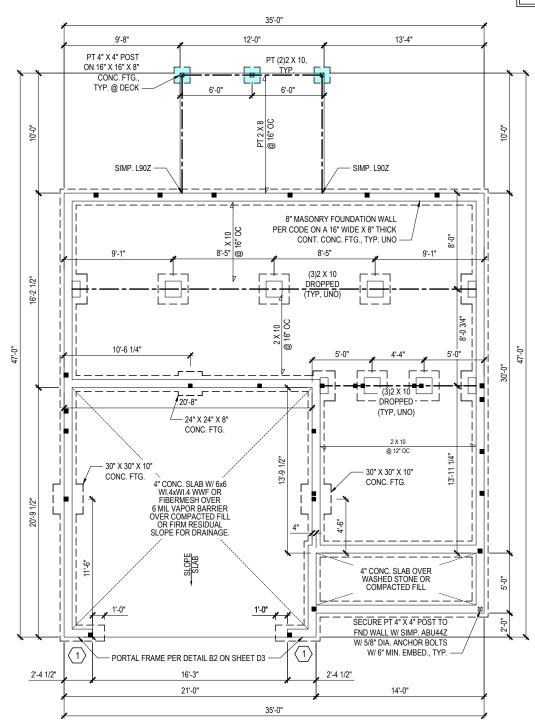
4)

12)

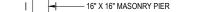
15)

16)

17)





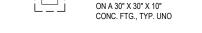


8" X 16" MASONRY

22" X 30" X 10" CONC.

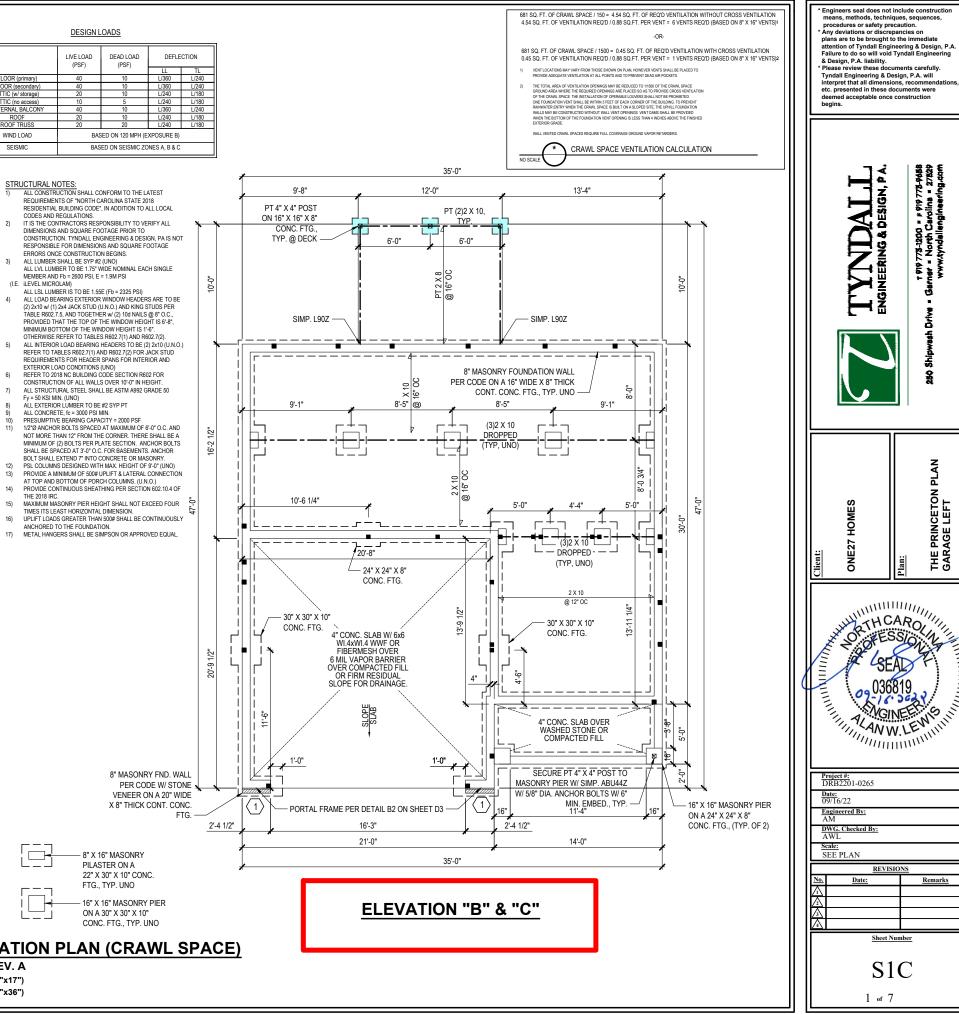
PILASTER ON A

FTG., TYP. UNO



FOUNDATION PLAN (CRAWL SPACE)

PORCH ELEV. A (1) REFERENCE FIGURE R602.10.4.3 OF THE 2018 NCRC. 1/8" = 1'-0" (11"x17") 1/4" = 1'-0" (24"x36")



DESIGN LOADS

	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLE	CTION	
	(, ,, ,	(101)	LL	TL	
FLOOR (primary)	40	10	L/360	L/240	
FLOOR (secondary)	40	10	L/360	L/240	
ATTIC (w/ storage)	20	10	L/240	L/180	
ATTIC (no access)	10	5	L/240	L/180	
EXTERNAL BALCONY	40	10	L/360	L/240	
ROOF	20	10	L/240	L/180	
ROOF TRUSS	20	20	L/240	L/180	
WIND LOAD	BASED ON 120 MPH (EXPOSURE B)				
SEISMIC	BASED ON SEISMIC ZONES A, B & C				

- STRUCTURAL NOTES:

 1)
 ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF "NORTH CAROLINA STATE 2018 RESIDENTIAL BUILDING CODE", IN
 ADDITION TO ALL LOCAL CODES AND REGULATIONS.
- IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND SQUARE FOOTAGE PRIOR TO CONSTRUCTION. TYNDAU AND SQUARE FOOL AND FIND TO CONSTRUCTION. THURLE ENGINEERING & DESIGN, PAIS NOT RESPONSIBLE FOR DIMENSIONS AND SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS. ALL LUMER SHALL BE SYP & (UNO) ALL LVL LUMBER TO BE 1.75' WIDE NOMINAL EACH SINGLE MEMBER AND
- 3) Fb = 2600 PSI, E = 1.9M PSI
- (I.E. iLEVEL MICROLAM)
- LEVEL MICROLAM) ALL LSL LUMBER IS TO BE 1.55E (Fb = 2325 PSI) ALL LOAD BEARING EXTERIOR WINDOW HEADERS ARE TO BE (2) 2x10 w/ (1) 2x4 JACK STUD (J.N.O.) AND KING STUDS PER TABLE R602.7.5, AND TOGETHER w/ (2) 100 HALS @ 8" O.C., PROVIDED THAT THE TOP OF THE DESCRIPTION OF A DESCRIPTION TOGETHER w/ (2) 100 HALS @ 8" O.C., PROVIDED THAT THE TOP OF THE DESCRIPTION OF A DESCRIPTIO 4) WINDOW HEIGHT IS 6'-8", MINIMUM BOTTOM OF THE WINDOW HEIGHT IS 1'-6". OTHERWISE REFER TO TABLES R602.7(1) AND R602.7(2).
- T-0: OTHERWISE REFER TO TABLES NOUZ.(1) AND NOUZ.(2). ALL INTERIOR LOAD BEARING HEADERS TO BE (2) 2x10 (U.N.O.) REFER TO TABLES R602.7(1) AND R602.7(2) FOR JACK STUD REQUIREMENTS FOR HEADER SPANS FOR INTERIOR AND EXTERIOR LOAD CONDITIONS (UNO)
- REFER TO 2018 NC BUILDING CODE SECTION R602 FOR CONSTRUCTION
- OF ALL WALLS OVER 10'-0" IN HEIGHT. ALL STRUCTURAL STEEL SHALL BE ASTM A992 GRADE 50
- 7)
- ALL STRUCT UNAL STEEL STALL BE ASTM A922 FY = 50 KSI MIN. (UNO) ALL EXTERIOR LUMBER TO BE #2 SYP PT ALL CONCRETE, fc = 3000 PSI MIN. PRESUMPTIVE BEARING CAPACITY = 2000 PSF

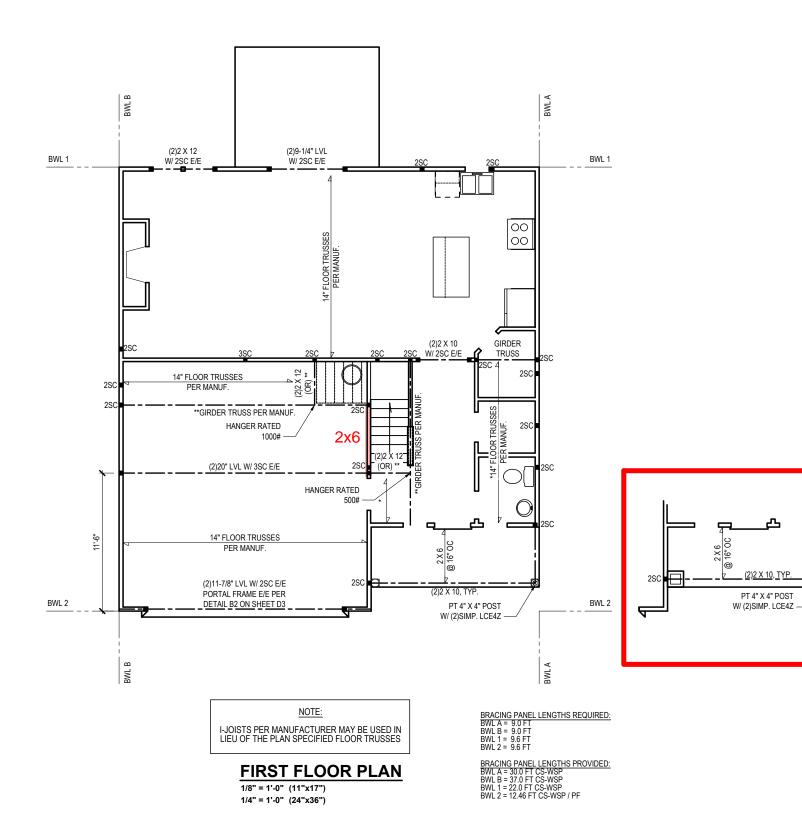
- 1/2"Ø ANCHOR BOLTS SPACED AT MAXIMUM OF 6'-0" O.C. AND NOT MORE THAN 12" FROM THE CORNER. THERE SHALL BE A MINIMUM OF (2) BOLTS 11) PER PLATE SECTION. ANCHOR BOLTS SHALL BE SPACED AT 3'-0" O.C. FOR BASEMENTS. ANCHOR BOLT SHALL EXTEND 7" INTO CONCRETE OR
- MASONRY. PSL COLUMNS DESIGNED WITH MAX. HEIGHT OF 9'-0" (UNO) PROVIDE A MINIMUM OF 500# UPLIFT & LATERAL CONNECTION AT TOP 12) 13)
- AND BOTTOM OF PORCH COLUMNS. (U.N.O.) PROVIDE CONTINUOUS SHEATHING PER SECTION 602.10.4 OF THE 2018 14)
- In R.C. IN MASONRY PIER HEIGHT SHALL NOT EXCEED FOUR TIMES ITS
 LEAST HORIZONTAL DIMENSION.
 UPLIFTLOADS GREATER THAN 500# SHALL BE CONTINUOUSLY
 ANCHORED TO THE FOUNDATION.
- 17) METAL HANGERS SHALL BE SIMPSON OR APPROVED EQUAL.

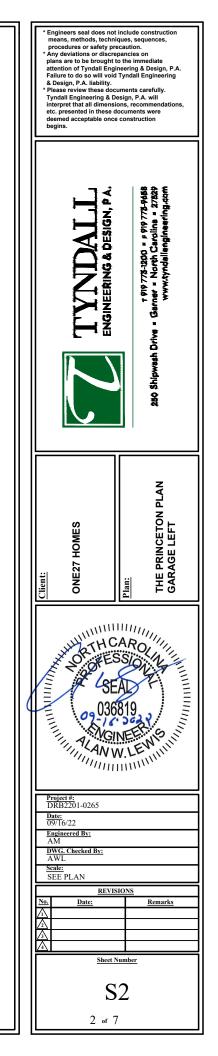
STRUCTURAL SHEATHING NOTES

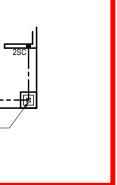
- 1) DESIGNED FOR SEISMIC ZONE A-C AND WIND SPEEDS OF 120 MPH OR
- Designed for Selamin 20me Field and wind sheeps of 122 minit of LESS.
 WALLS SHALL BE BRACED IN ACCORDANCE WITH SECTION R602.10 OF
- THE 2018 NCRC.
 BRACING REQUIREMENTS SHALL BE PER TABLE R602.10.3. REFER TO SECTION R602.10.4 FOR LOAD PATH DETAILS INCLUDING CONNECTIONS & SUPPORT OF BRACED WALL PANELS.
- T REFERENCE FIGURE R602.10.4.3 OF THE 2018 NCRC.
- 4) INTERIOR BRACED WALL PANELS (BWP) INDICATED SHALL BE SHEATHED IN ACCORDANCE WITH THE GB METHOD OR WSP METHOD AS PRESCRIBED IN SECTION R602.10.1 (UNO)

- 1/2° GYPSUM BOARD (GB) MINIMUM LENGTH OF 8°-0° (ISOLATED PANELS) OR 4°-0° (CONTINUOUS SHEATHING). SECURE w 56 COOLER NAILS (OR EQUAL PER TABLE R702.3.5) SPACED ذ 70 °C. AT PANEL EDGES, INCLUDING TOP AND BOTTOM PLATES & 7° 0.C. AT INTERMEDIATE SUPPORTS
- 3/8" WOOD STRUCTURAL PANEL (WSP) SECURE w/ 6d COMMON NAILS SPACED AT 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS
- 5) EXTERIOR BRACED WALL PANELS (BWP) SHALL BE CONSTRUCTED IN ACCORDANCE WITH CS-WSP METHOD AS PRESCRIBED IN SECTION R602.10.3 (UNO)
- ALL SHEATHABLE SURFACES OF EXTERIOR WALLS (INCLUDING AREAS ALL SHEAT HABLE SURFACES OF EXTENDIX WALLS (INCLUDING AREAS ABOYE AND BELOW OPENINGS AND GABLE END WALLS SHALL BE CONTINUOUSLY SHEATHED WITH WOOD STRUCTURAL PAKEL (WSP) SHEATHING WITH A MINIMUM MICKNESS OF 38°, SHEATHING SHALL BE SECURED WITH MINIMUM MICKNESS OF 38°, SHEATHING SHALL BE SECURED WITH MINIMUM MICKNESS OF 38°, SHEATHING SHALL BE SECURED WITH MINIMUM AD COMMON NAILS SPACED AT 6° 0.C. AT PANEL EDGES AND SPACED AT 12° 0.C. AT INTERMEDIATE SUPPORTS. MINIMUM BRACED WALL PANEL LENGTHS WITH CS-WSP METHOD SHALL BE AS EDUL OVEC.
- BE AS FOLLOWS: S FOLLOWS: - 24* ADJACENT TO OPENINGS NOT MORE THAN 67% OF WALL HEIGHT - 30* ADJACENT TO OPENINGS GREATER THAN 67% AND LESS THAN 85% OF WALL HEIGHT. - 48* FOR OPENINGS GREATER THAN 85% OF
- WALL HEIGHT A SHEATH INTERIOR & EXTERIOR
- 8) FOR CS-WSP METHOD, A MINIMUM 24" BRACED WALL PANEL CORNER RETURN SHALL BE PROVIDED AT BOTH ENDS OF A BRACED WALL LINE IN ACCORDANCE WITH FIGURE R602.10.3(4). IN LIEU OF A CORNER RETURN, EITHER A MIN. 48" BRACED WALL PANEL SHALL BE PROVIDED AT THE CORNER OR A HOLD-DOWN DEVICE WITH A MINIMUM UPLIFT DESIGN VALUE OF 800# SHALL BE FASTENED TO THE EDGE OF THE BRACED WALL PANEL CLOSEST TO THE CORNER AND TO THE FOUNDATION OR FRAMING BELOW.

(5) MINIMUM 800# HOLD-DOWN DEVICE







DESIGN LOADS

	LIVE LOAD (PSF)	DEAD LOAD (PSF)	DEFLE	CTION	
	(101)	(101)	LL	TL	
FLOOR (primary)	40	10	L/360	L/240	
FLOOR (secondary)	40	10	L/360	L/240	
ATTIC (w/ storage)	20	10	L/240	L/180	
ATTIC (no access)	10	5	L/240	L/180	
EXTERNAL BALCONY	40	10	L/360	L/240	
ROOF	20	10	L/240	L/180	
ROOF TRUSS	20	20	L/240	L/180	
WIND LOAD	BASED ON 120 MPH (EXPOSURE B)				
SEISMIC	BASED ON SEISMIC ZONES A, B & C				

- STRUCTURAL NOTES: 1) ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF "NORTH CAROLINA STATE 2018 RESIDENTIAL BUILDING CODE", IN ADDITION TO ALL LOCAL CODES AND REGULATIONS.
- IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND SQUARE FOOTAGE PRIOR TO CONSTRUCTION. TYNDALL AND SQUARE FOOTAGE PROFILE OF OLDING INCUTION. ITWOALL ENGINEERING & DESIGN, PAI SIN OT RESPONSIBLE FOR DIMENSIONS AND SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS. ALL LUMBER SHALL BE SYP #2 (UNO) ALL LULUMBER TO BE 1.75° WIDE NOMINAL EACH SINGLE MEMBER AND
- 3) Fb = 2600 PSI, E = 1.9M PSI
- (I.E. iLEVEL MICROLAM)
- (I.E. ILEVEL MICROLAM) ALL LSL LUMBER IS TO BE 1.55E (Fb = 2325 PSI)
 (ALL LOAD BEARING EXTERIOR WINDOW HEADERS ARE TO BE (2) 2x10 w/ (1) 2x4 LACK STUD (UNO) AND KING STUDDS PER TABLE RR02.7.5, AND TOGETHER w/ (2) Idd NAIS (2) 87 O.C, PROVIDED THAT THE TOP OF THE WINDOW HEADERS OF CO.C. PROVIDED THAT THE TOP OF THE WINDOW HEADERS WINDOW HEADERS OF CO.C. WINDOW HEADERS OF CO.C. WINDOW HEADERS OF CO.C. WINDOW HEADERS OF CO.C. WINDOW HEADERS WINDOW HEADERS OF CO.C. WINDOW HEADERS OF CO.C. WINDOW HEADERS OF CO.C. WINDOW HEADERS OF CO.C. WINDOW HEADERS WINDOW HEADERS OF CO.C. WINDOW HEADERS OF CO.C. WINDOW HEADERS OF CO.C. WINDOW HEADERS OF CO.C. WINDOW HEADER WINDOW HEIGHT IS 6'-8", MINIMUM BOTTOM OF THE WINDOW HEIGHT IS 1'-6". OTHERWISE REFER TO TABLES R602.7(1) AND R602.7(2).
- 1-0. JTHERWISE REFER 10 TABLES NOU2. (1) AND NOU2. (2). ALL INTERIOR LOAD BEARING HEADERS TO BE (2) 2x10 (U.N.O.) REFER TO TABLES R602.7(1) AND R602.7(2) FOR JACK STUD REQUIREMENTS FOR HEADER SPANS FOR INTERIOR AND EXTERIOR LOAD CONDITIONS
- (UNO) 6) REFER TO 2018 NC BUILDING CODE SECTION R602 FOR CONSTRUCTION
- OF ALL WALLS OVER 10"-0" IN HEIGHT. ALL STRUCTURAL STEEL SHALL BE ASTM A992 GRADE 50 7)
- ALL STRUCT UNAL STEEL STALL BE ASTM A922 FY = 50 KSI MIN. (UNO) ALL EXTERIOR LUMBER TO BE #2 SYP PT ALL CONCRETE, fc = 3000 PSI MIN. PRESUMPTIVE BEARING CAPACITY = 2000 PSF

- 1/2"Ø ANCHOR BOLTS SPACED AT MAXIMUM OF 6'-0" O.C. AND NOT MORE THAN 12" FROM THE CORNER. THERE SHALL BE A MINIMUM OF (2) BOLTS 11) PER PLATE SECTION. ANCHOR BOLTS SHALL BE SPACED AT 3'-0" O.C. FOR BASEMENTS. ANCHOR BOLT SHALL EXTEND 7" INTO CONCRETE OR
- MASONRY. PSL COLUMNS DESIGNED WITH MAX. HEIGHT OF 9'-0" (UNO) PROVIDE A MINIMUM OF 500# UPLIFT & LATERAL CONNECTION AT TOP 12) 13)
- AND BOTTOM OF PORCH COLUMNS. (U.N.O.) 14) PROVIDE CONTINUOUS SHEATHING PER SECTION 602.10.4 OF THE 2018
- Invc.
 MAXIMUM MASONRY PIER HEIGHT SHALL NOT EXCEED FOUR TIMES ITS LEAST HORIZONTAL DIMENSION.
 UPLIFT LOADS GREATER THAN 500# SHALL BE CONTINUOUSLY ANCHORED TO THE FOUNDATION.
- 17) METAL HANGERS SHALL BE SIMPSON OR APPROVED FOUAL

STRUCTURAL SHEATHING NOTES

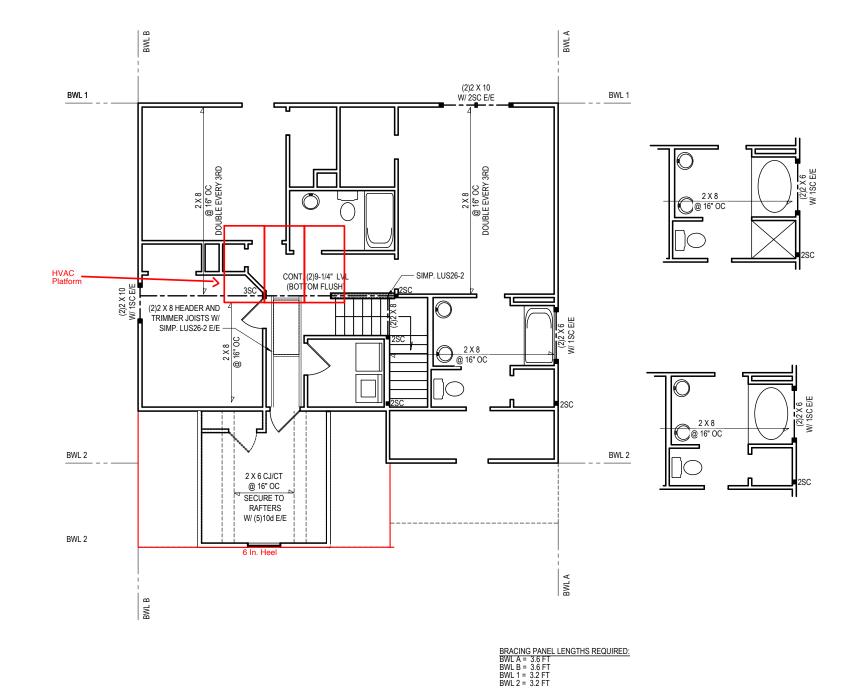
- 1) DESIGNED FOR SEISMIC ZONE A-C AND WIND SPEEDS OF 120 MPH OR
- LESS. 2) WALLS SHALL BE BRACED IN ACCORDANCE WITH SECTION R602.10 OF
- THE 2018 NCRC.
 BRACING REQUIREMENTS SHALL BE PER TABLE R602.10.3. REFER TO SECTION R602.10.4 FOR LOAD PATH DETAILS INCLUDING CONNECTIONS & SUPPORT OF BRACED WALL PANELS.

T REFERENCE FIGURE R602.10.4.3 OF THE 2018 NCRC.

4) INTERIOR BRACED WALL PANELS (BWP) INDICATED SHALL BE SHEATHED IN ACCORDANCE WITH THE GB METHOD OR WSP METHOD AS PRESCRIBED IN SECTION R602.10.1 (UNO)

- √2) 1/2" GYPSUM BOARD (GB) MINIMUM LENGTH OF 8-0" (ISOLATED PANELS) OR 4-0" (CONTINUOUS SHEATHING). SECURE w 550 COLER NAILS (OR EQUAL PER TABLE R702.3.5) SPACED @7 "0.C. AT PANEL EDGES. INCLUDING TOP AND BOTTOM PLATES & 7" 0.C. AT INTERMEDIATE SUPPORTS
- 3/8" WOOD STRUCTURAL PANEL (WSP) SECURE w/ 6d COMMON NAILS SPACED AT 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS
- 5) EXTERIOR BRACED WALL PANELS (BWP) SHALL BE CONSTRUCTED IN ACCORDANCE WITH CS-WSP METHOD AS PRESCRIBED IN SECTION R602.10.3 (UNO)
- ALL SHEATHABLE SURFACES OF EXTERIOR WALLS (INCLUDING AREAS ALL SHEAT HABLE SURFACES OF EXTENDIX WALLS (INCLUDING AREAS ABOYE AND BELOW OPENINGS AND GABLE END WALLS SHALL BE CONTINUOUSLY SHEATHED WITH WOOD STRUCTURAL PAKEL (WSP) SHEATHING WITH A MINIMUM THICKNESS OF 38°: SHEATHING SHALL BE SECURED WITH MINIMUM THICKNESS OF 38°: SHEATHING SHALL BE SECURED WITH MINIMUM AC OMMON NALS SPACED AT 6° 0.C AT PARNEL EDGES AND SPACED AT 12° 0.C AT INTERMEDIATE SUPPORTS. MINIMUM BRACED WALL PAREL LENGTHS WITH CS-WSP METHOD SHALL DE TA OF OWNED AND AND ADD AT A SHEAT AND A 7)
- BE AS FOLLOWS: S FOLLOWS: - 24* ADJACENT TO OPENINGS NOT MORE THAN 67% OF WALL HEIGHT - 30* ADJACENT TO OPENINGS GREATER THAN 67% AND LESS THAN 85% OF WALL HEIGHT. - 48* FOR OPENINGS GREATER THAN 85% OF
- WALL HEIGHT
- 4 SHEATH INTERIOR & EXTERIOR
- 8) FOR CS-WSP METHOD, A MINIMUM 24" BRACED WALL PANEL CORNER RETURN SHALL BE PROVIDED AT BOTH ENDS OF A BRACED WALL LINE IN ACCORDANCE WITH FIGURE R602.10.3(4). IN LIEU OF A CORNER RETURN, EITHER A MIN. 48" BRACED WALL PANEL SHALL BE PROVIDED AT THE CORNER OR A HOLD-DOWN DEVICE WITH A MINIMUM UPLIET DESIGN. VALUE OF 800# SHALL BE FASTENED TO THE EDGE OF THE BRACED WALL PARE CLOSEST TO THE CORNER AND TO THE FOUNDATION OR FRAMING BELOW.

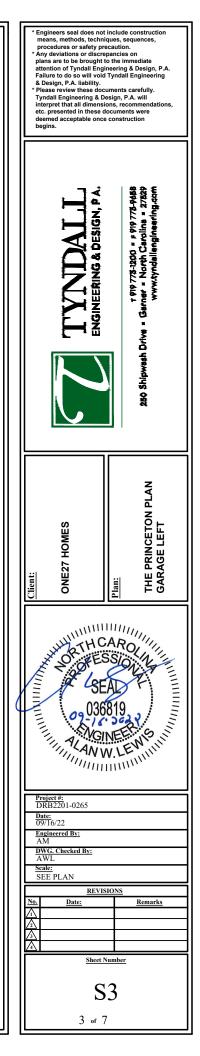
(5) MINIMUM 800# HOLD-DOWN DEVICE

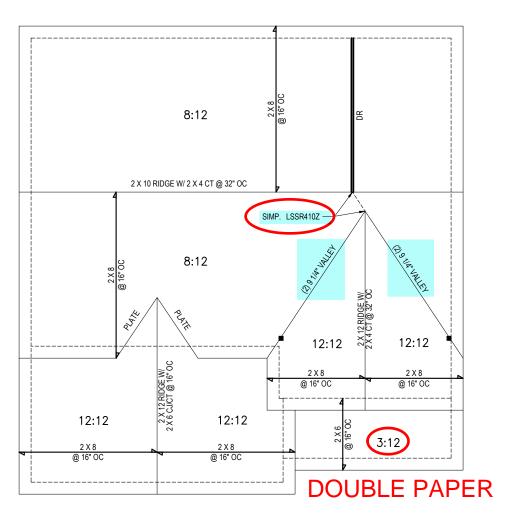


SECOND FLOOR PLAN 1/8" = 1'-0" (11"x17")

1/4" = 1'-0" (24"x36")

BRACING PANEL LENGTHS PROVIDED: BWL A = 26.0 FT CS-WSP BWL B = 23.0 FT CS-WSP BWL 1 = 36.8 FT CS-WSP BWL 2 = 20.13 FT CS-WSP / GB



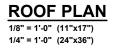


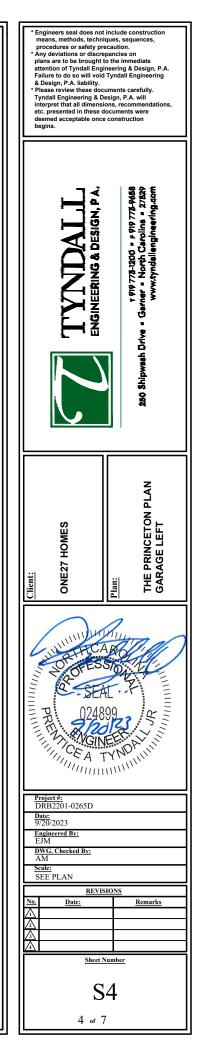
1265 SQ. FT. OF ATTIC / 300 = 5 SQ. FT. INLETS/OUTLETS REQUIRED

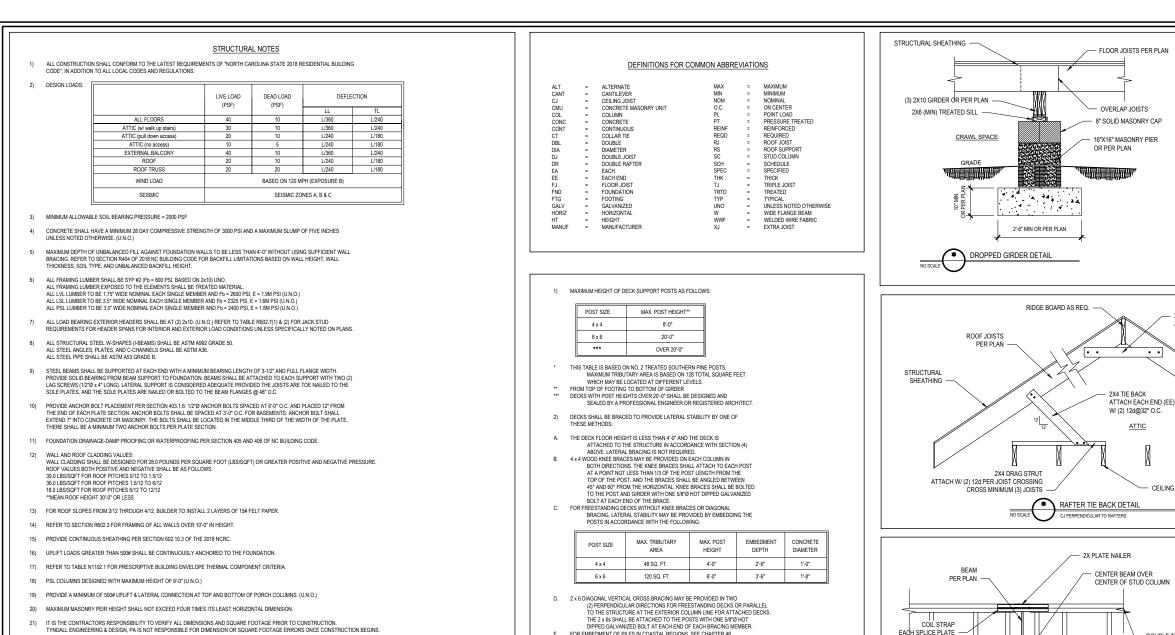
- CALCULATION BASED ON VENTILATORS USED AT LEAST 3'-0" ABOVE THE COMICE VENTS WITH THE BALANCE OF VENTILATION PROVIDED BY EAVE VENTS.
- CATHEDRAL CEILINGS SHALL HAVE A 1* MINIMUM CLEARANCE BETWEEN THE BOTTOM OF THE ROOF DECK AND THE INSULATION.

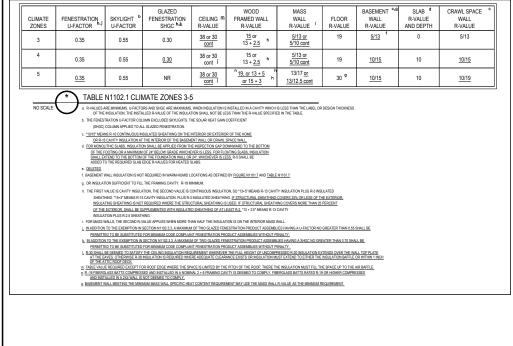
NO SCALE

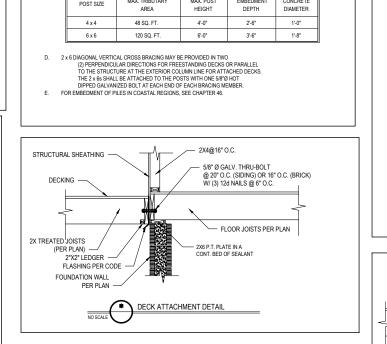
(*) ATTIC VENTILATION CALCULATION











2X PLATE OR STEEL PLATE

NOCCAL

FLOOR JOISTS

8"X16" BLOCK W/ CEL

OPENINGS FACING OU

PER PLAN

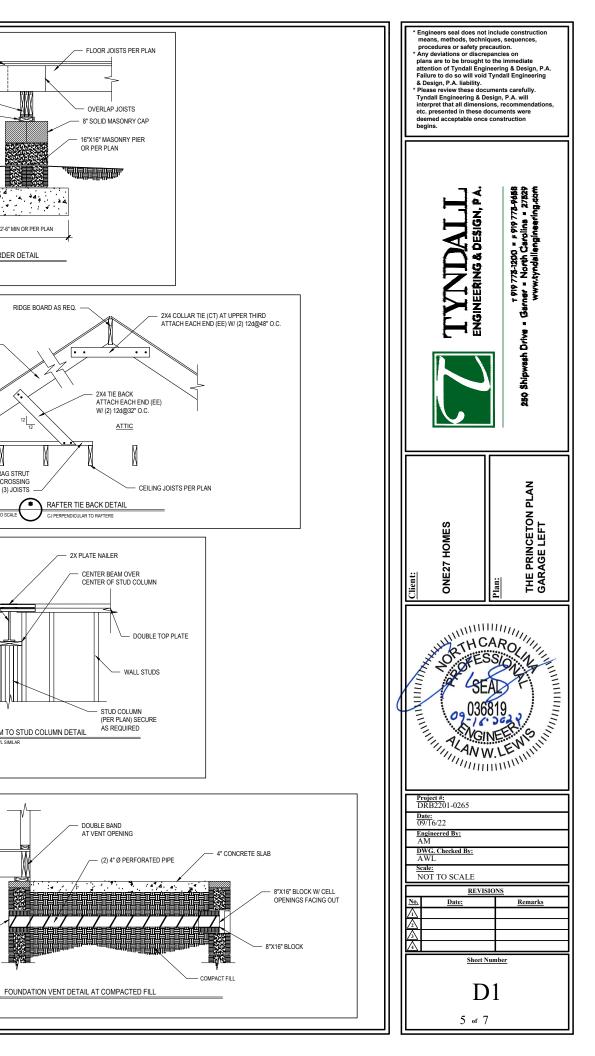
AS REQD.

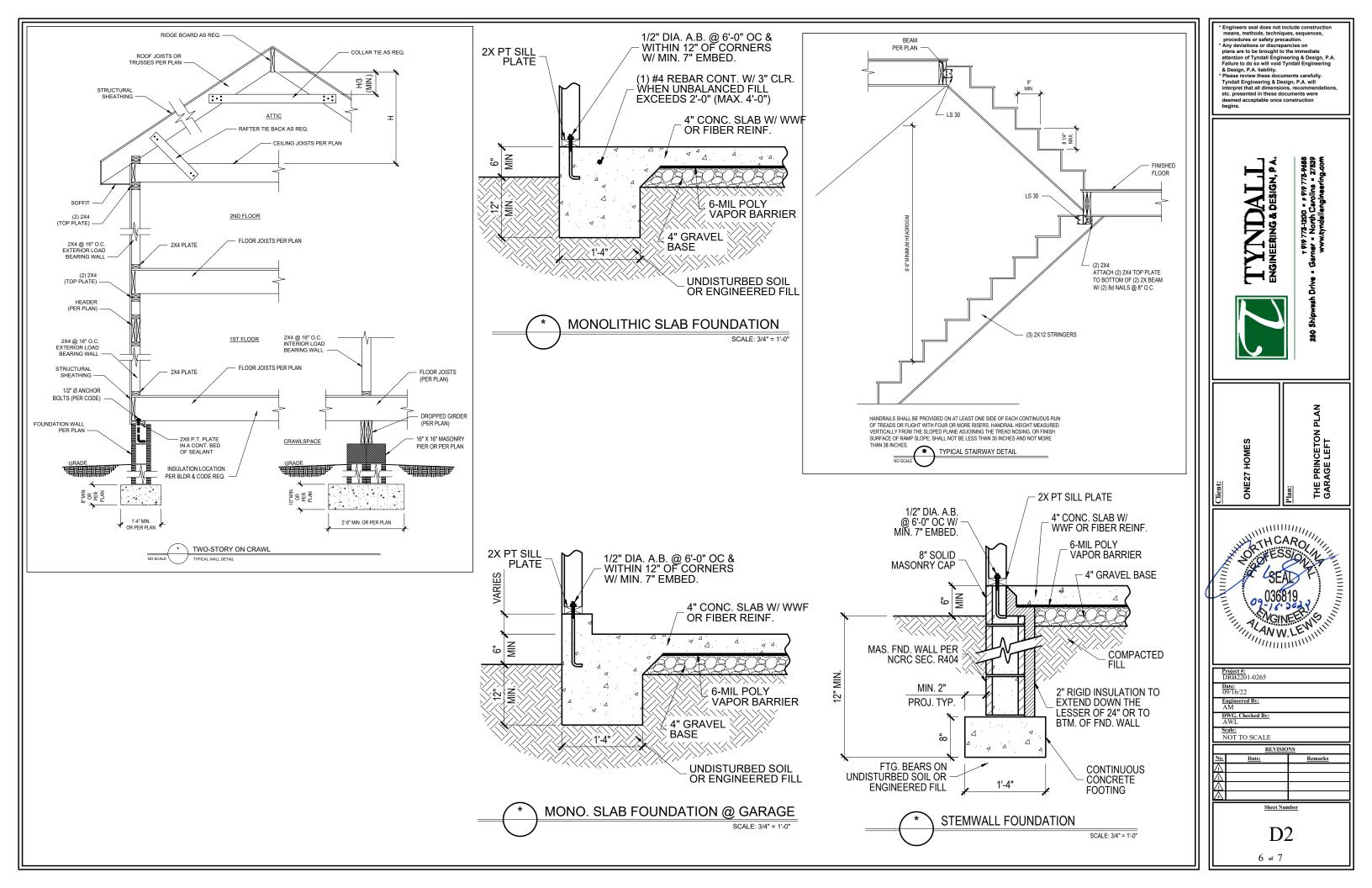
DROPPED BEAM TO STUD COLUMN DETAIL

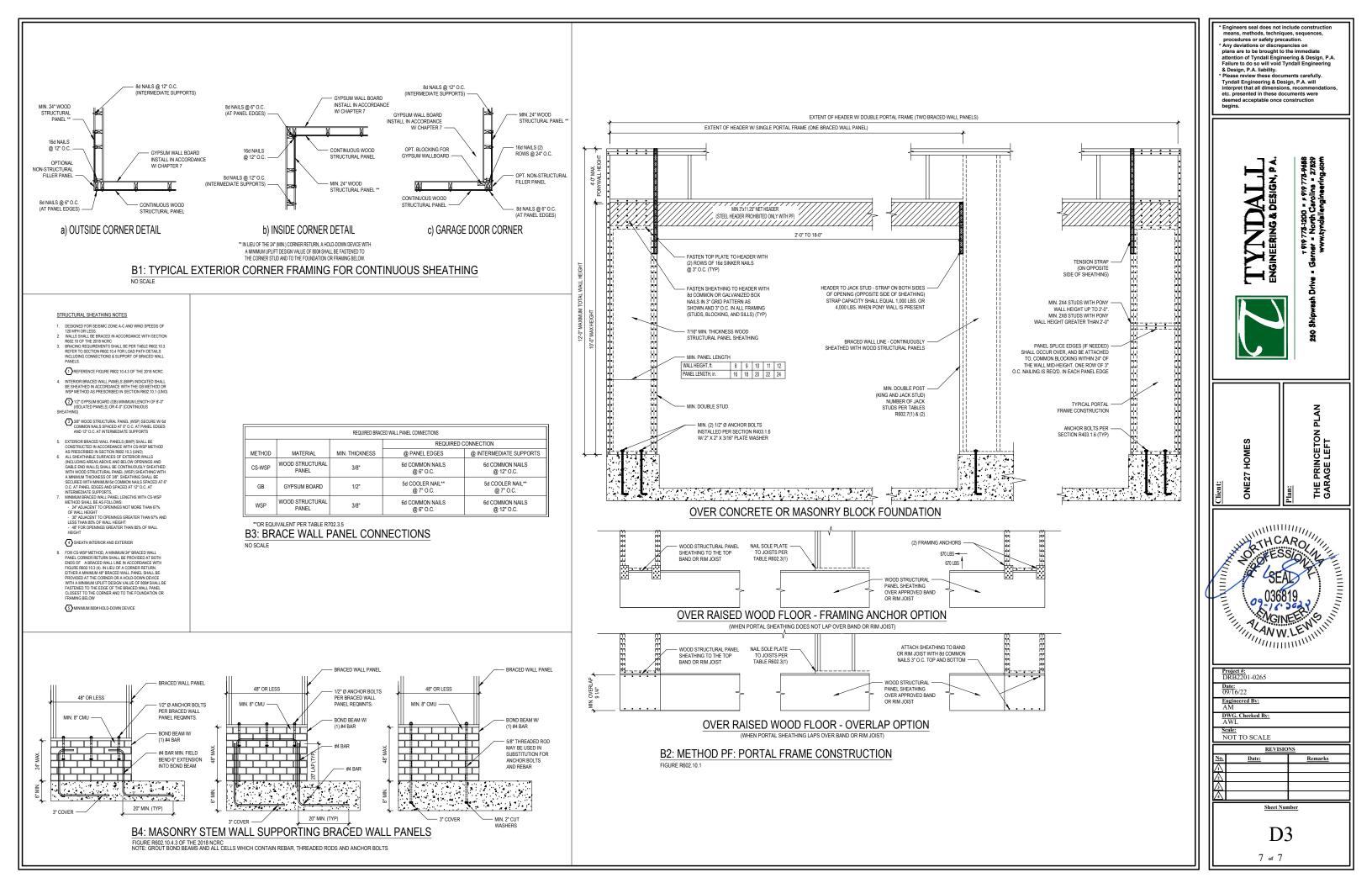
NO SCALE

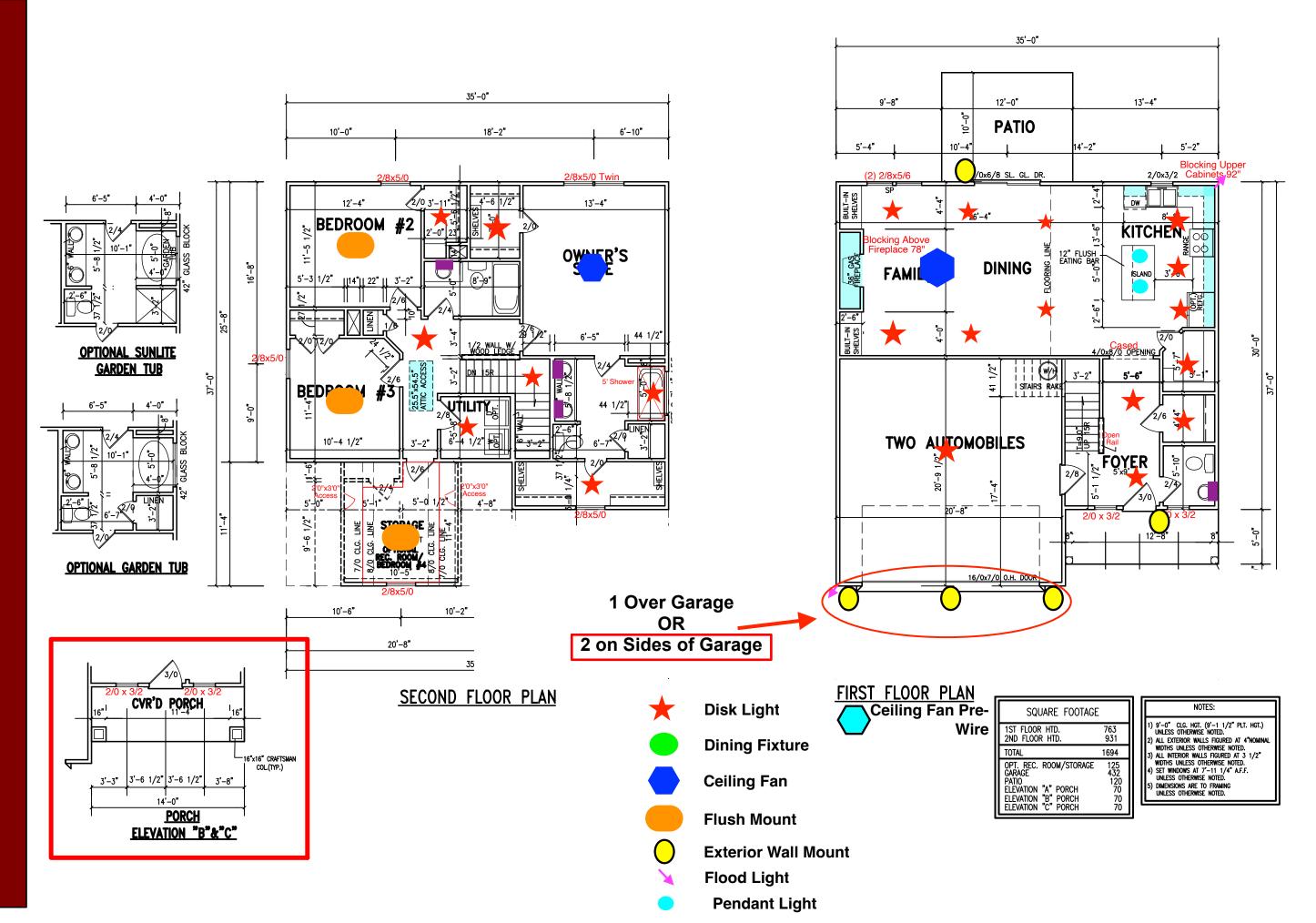
DOUBLE BAND

AT VENT OPENING









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PROJECT #: DRB2201-0265 PRINCETON

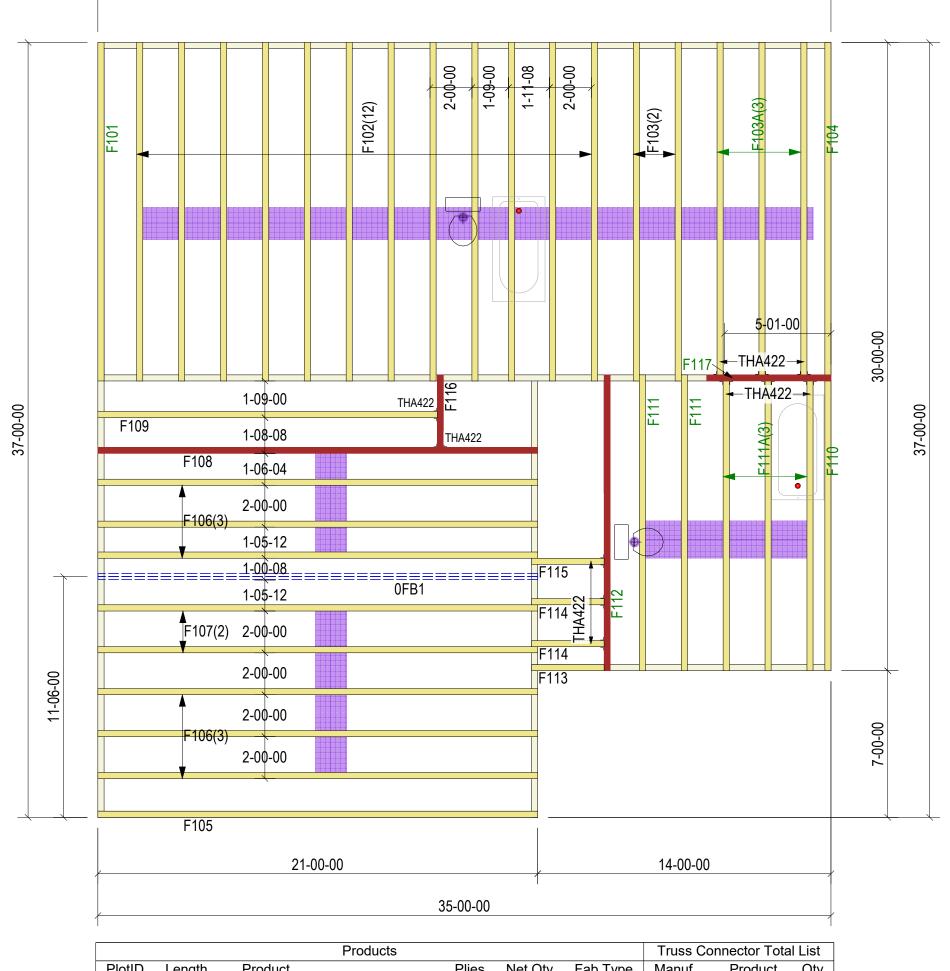
DATE: 09/16/2022

DRAWN BY: MMB

CHECKED BY: RB

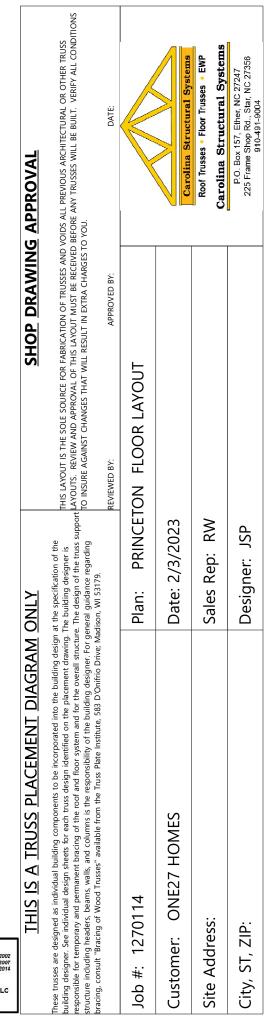
FLOOR PLANS

3_{0F4}



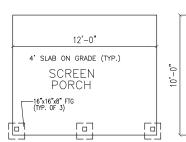
35-00-00

PlotID	Length	Product	Plies	Net Qty	Fab Type	Manuf	Product	Qty
0FB1	22-00-00	1-3/4X20 LP-LVL 2900Fb-2.0E	2	2	MFD	Simpson	THA422	11





FLOOR PLAN DETAIL



EXISTING HOUSE

