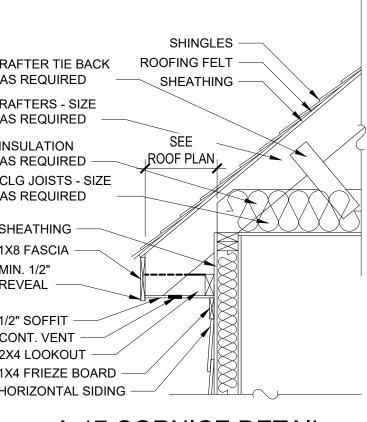
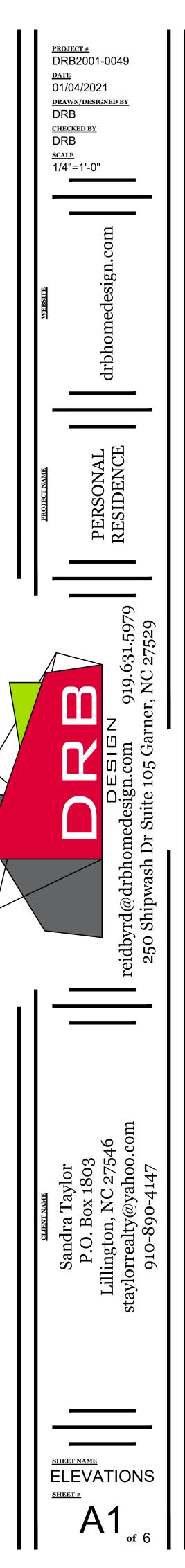


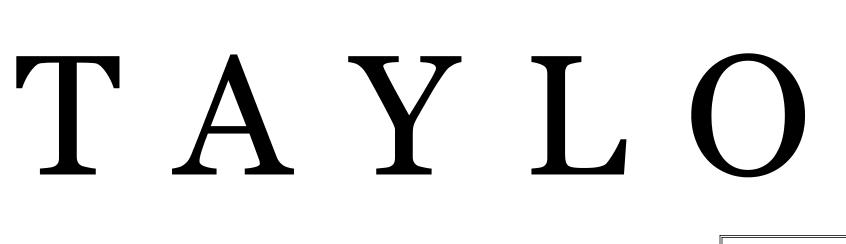
**RIGHT ELEVATION** 

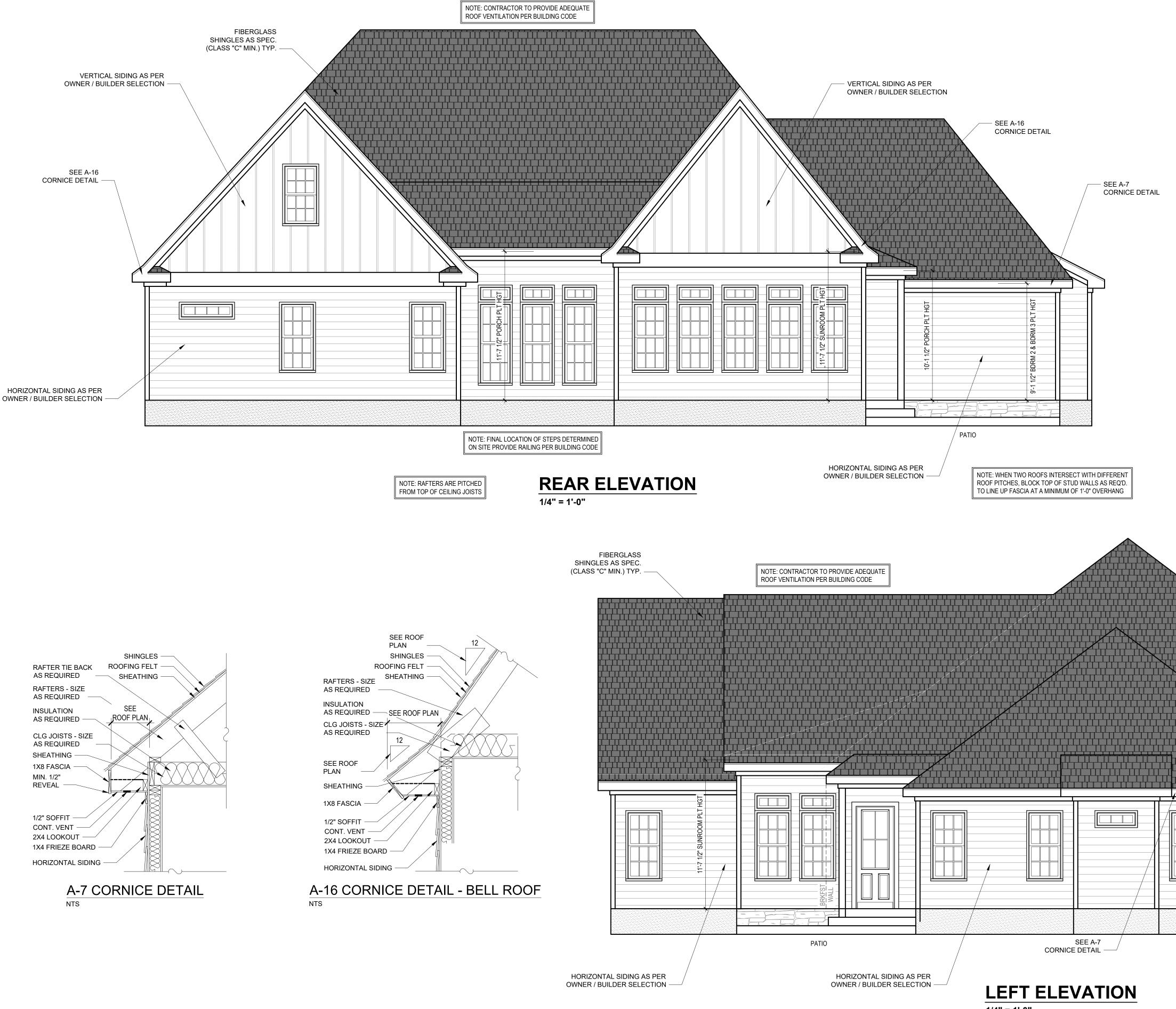
1/4" = 1'-0"



- HORIZONTAL SIDING AS PER **OWNER / BUILDER SELECTION** 

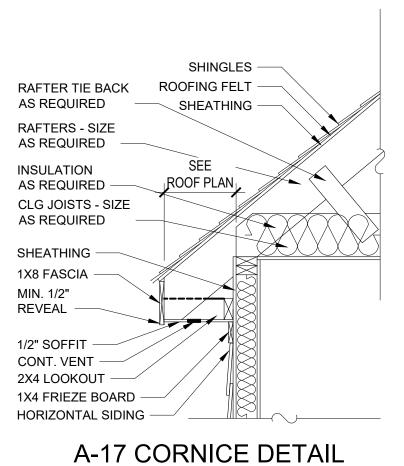






# TAYLOR RESIDENCE

1/4" = 1'-0"

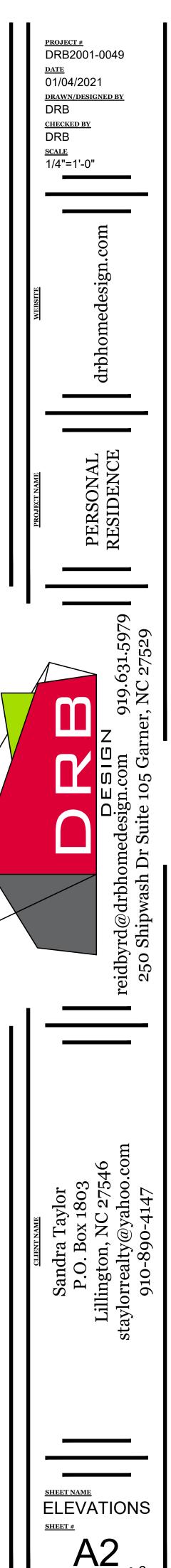


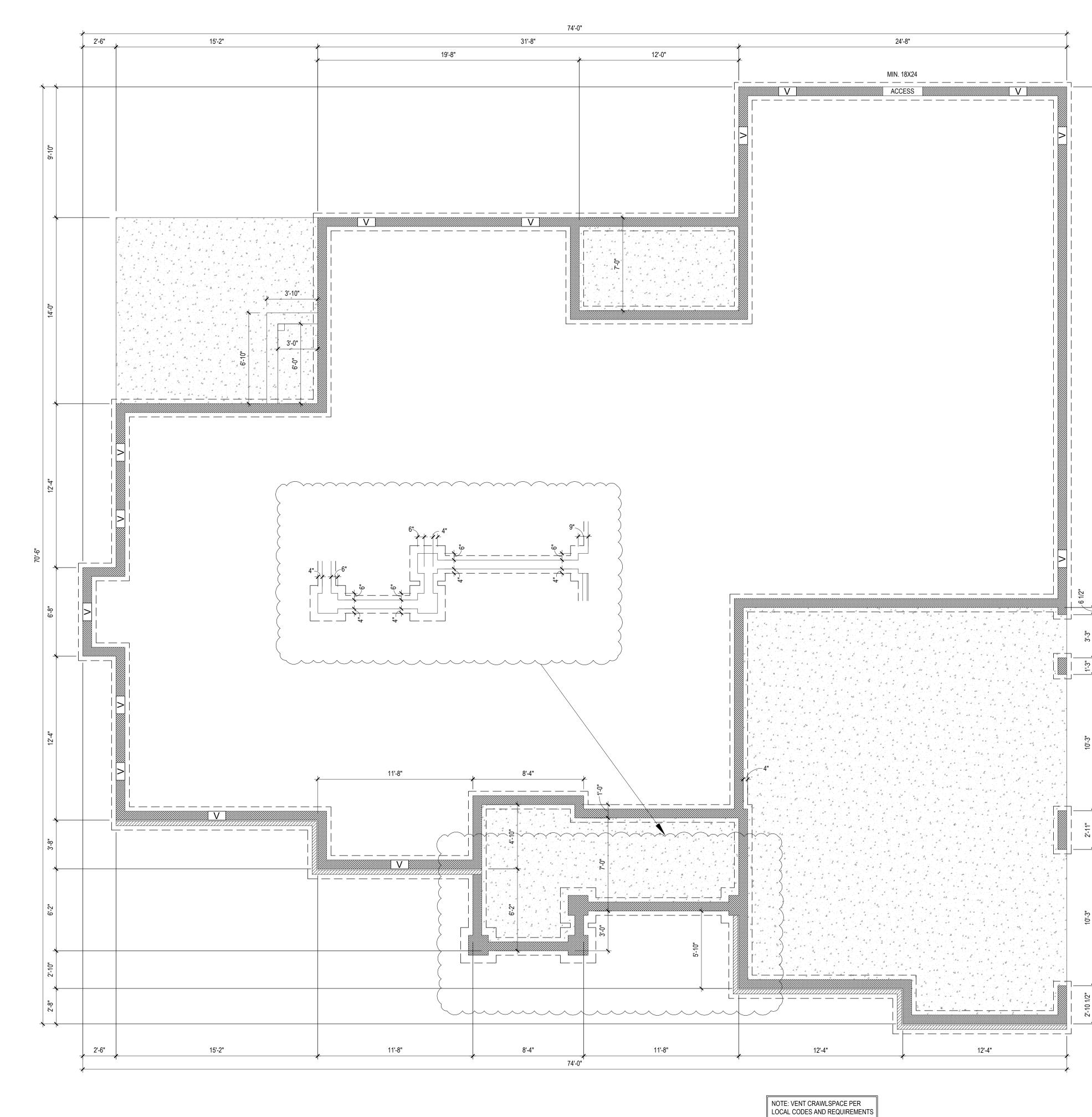
1. DRB DESIGN assumes no liability for any home constructed from this plan.

NTS

- 2. All construction shall conform to the latest requirements of "North Carolina State 2018 residential building code", in addition to all local codes and regulations.
- 3. Should these plans require structural calculations for permitting the contractor shall be required to obtain the
- services of a structural engineer after notifying DRB DESIGN that such services are required. 4. Release of these plans requires further cooperation among the owner, his/her contractor, and DRB DESIGN. 5. Design and construction are complex and, although the designer performed his services with due care and diligence, perfection is not a guarantee.
- 6. Communication is imperfect and every contingency cannot be anticipated.
- 7. Any ambiguity or discrepancy discovered by the use of these plans shall be reported immediately to DRB DESIGN. Failure to notify the DRB DESIGN compounds misunderstandings and increases construction costs. 8. A failure to cooperate by a simple notice to DRB DESIGN shall relieve the designer from any and all responsibilities for all consequences.
- 9. Changes made to these plans without the consent of the designer are unauthorized and shall relieve DRB DESIGN of responsibility for any and all consequences arriving out of such changes.
- 10. Written dimensions on these plans always have precedence over scaled dimensions.
- 11. It is the contractors responsibility to verify and be responsible for all dimensions and square footage prior to construction, as well as conditions on the job site. DRB DESIGN is not responsible for dimension and square footage errors once construction has begun.
- 12. DRB DESIGN must be notified of any variations from the dimensions and conditions shown on these drawings.

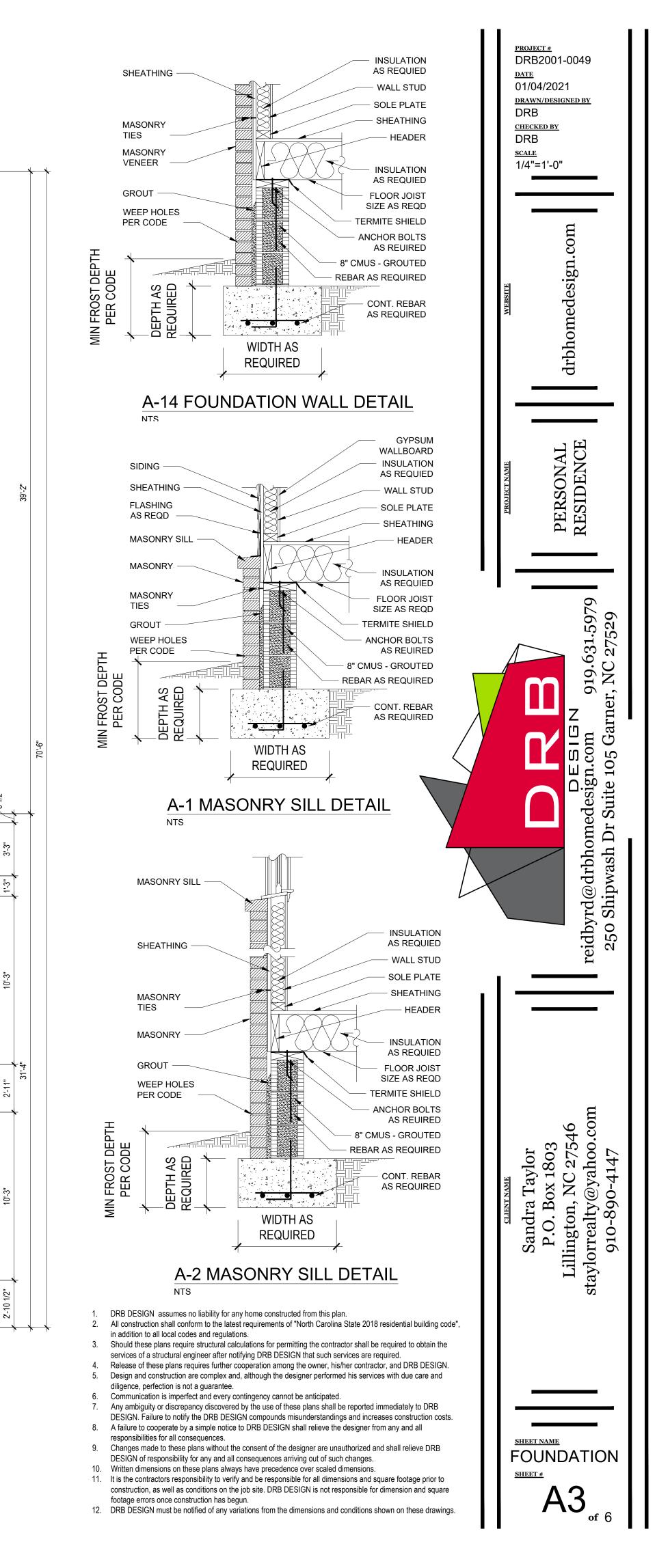
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| SEE A-1 MASONRY<br>SILL DETAIL SHEET A3 |  |
|   | Image: second                                |

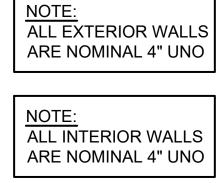




# FOUNDATION PLAN

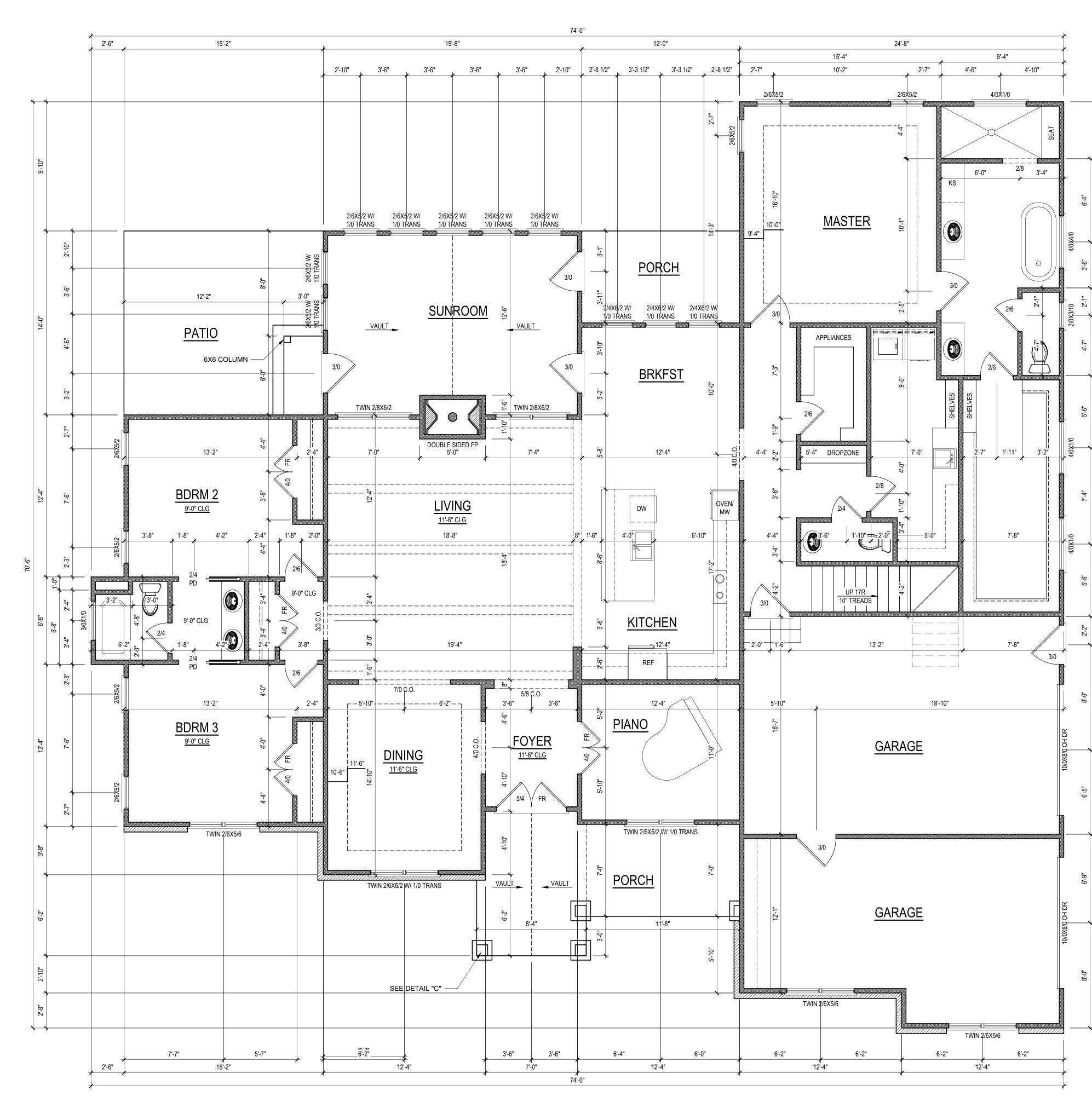
1/4" = 1'-0"



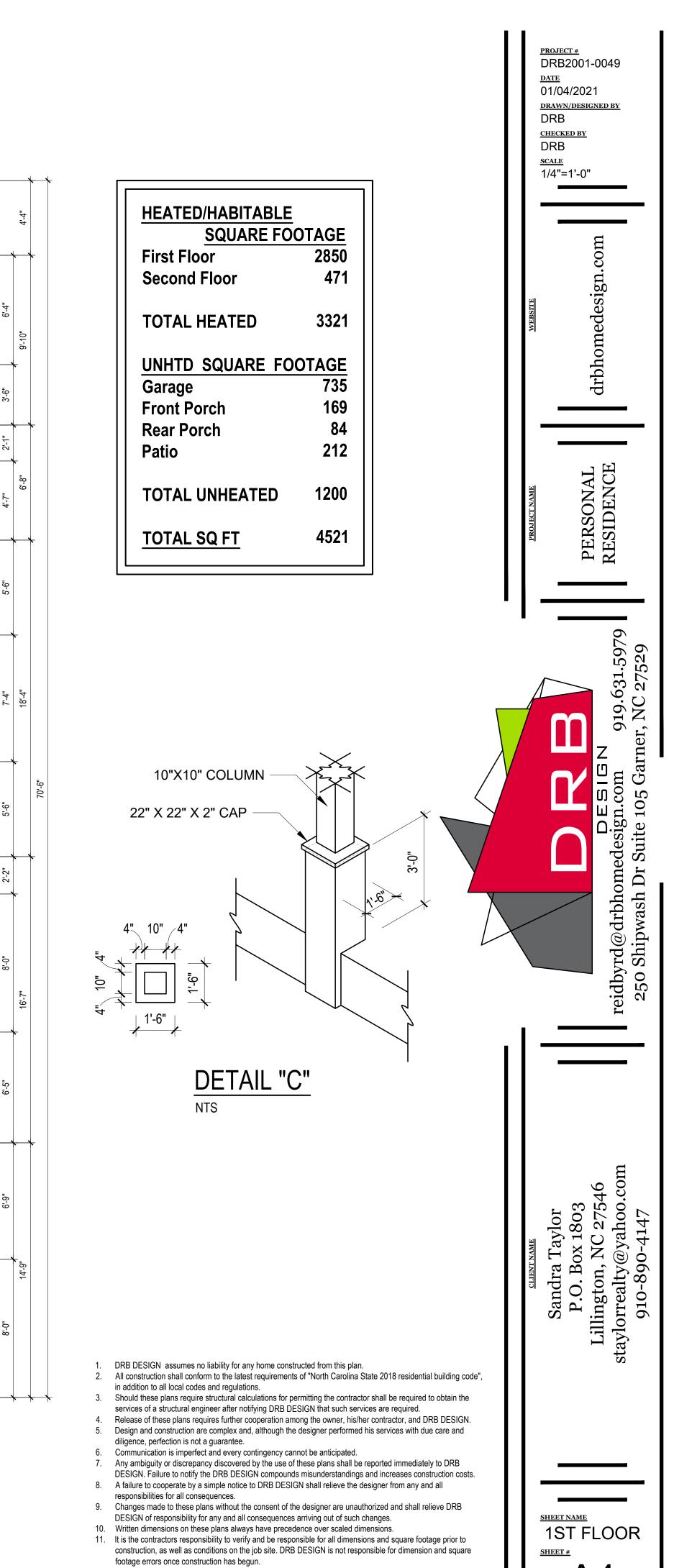


<u>NOTE:</u> ALL ANGLED WALLS ARE 45° UNO

<u>NOTE:</u> ALL DIMENSIONS ARE FRAME TO FRAME

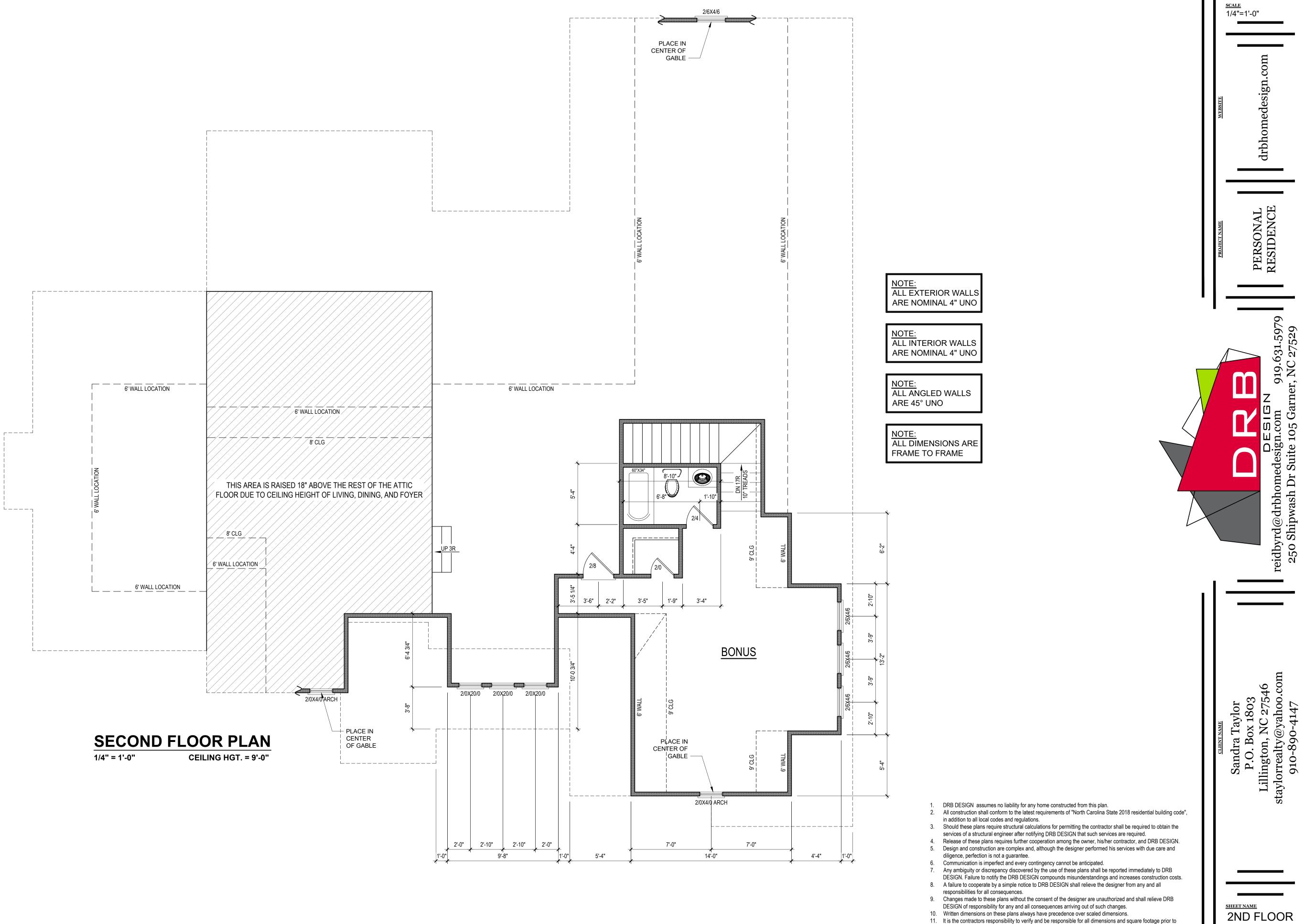






12. DRB DESIGN must be notified of any variations from the dimensions and conditions shown on these drawings.





- 11. It is the contractors responsibility to verify and be responsible for all dimensions and square footage prior to
- construction, as well as conditions on the job site. DRB DESIGN is not responsible for dimension and square footage errors once construction has begun. 12. DRB DESIGN must be notified of any variations from the dimensions and conditions shown on these drawings.

SHEET #

A5

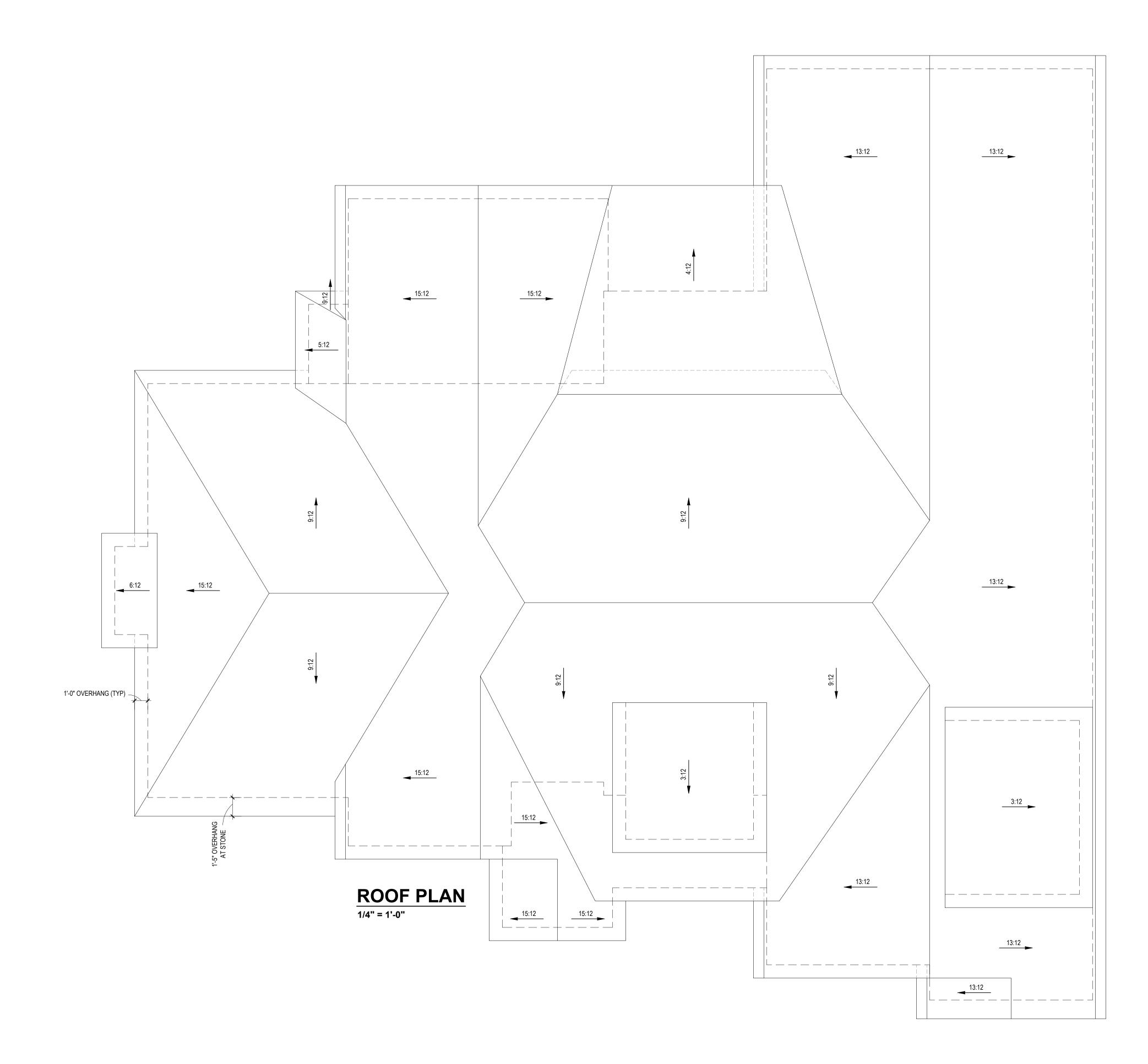
PROJECT #

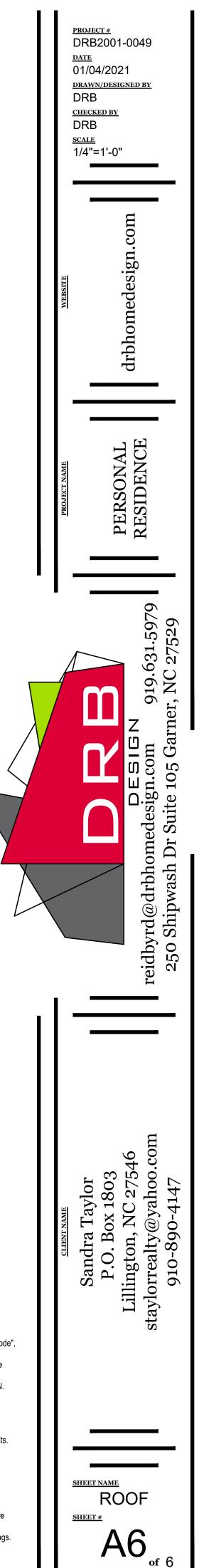
01/04/2021 DRAWN/DESIGNED BY

DATE

DRB CHECKED BY DRB

DRB2001-0049



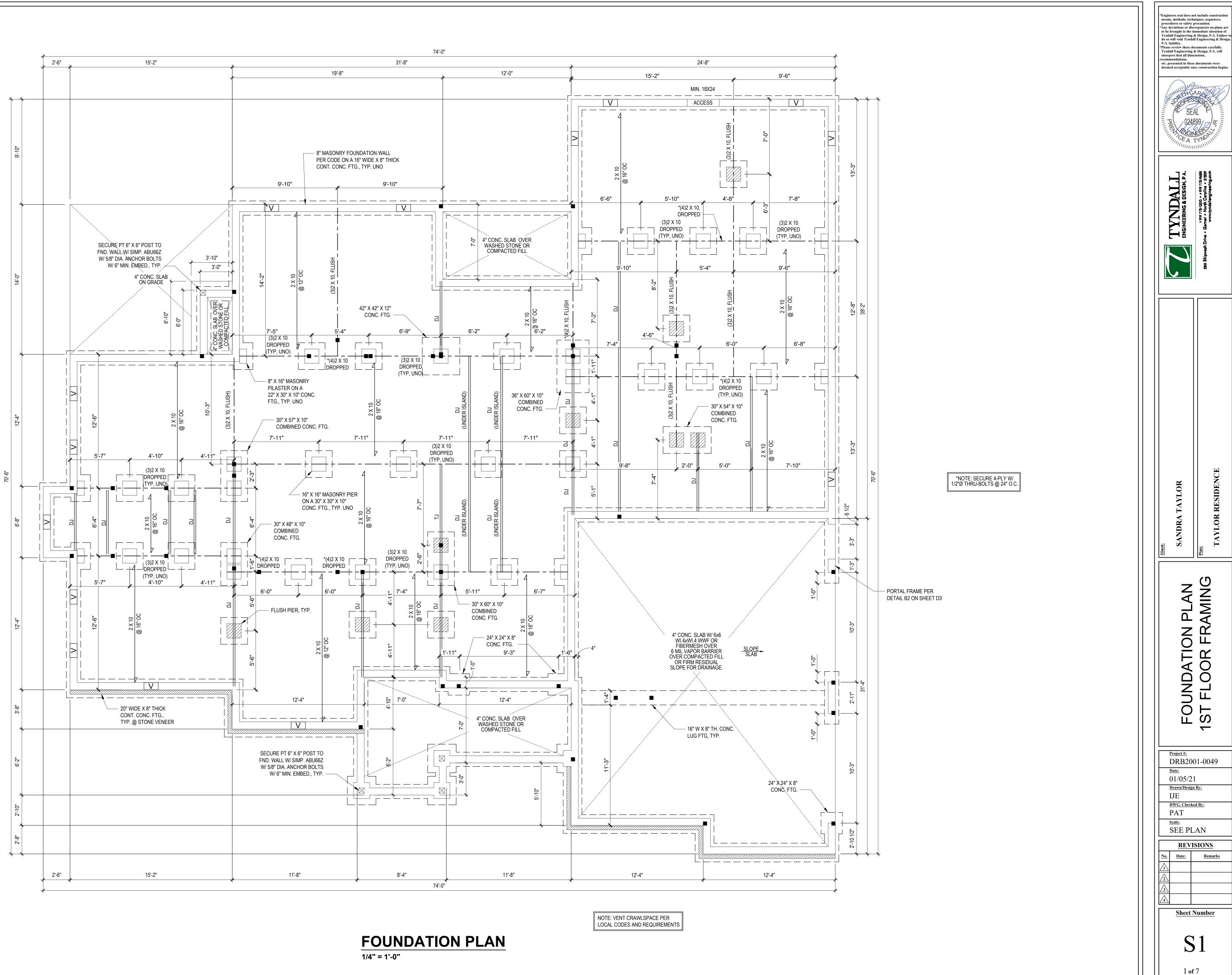


- 1. DRB DESIGN assumes no liability for any home constructed from this plan. 2. All construction shall conform to the latest requirements of "North Carolina State 2018 residential building code",
- in addition to all local codes and regulations.3. Should these plans require structural calculations for permitting the contractor shall be required to obtain the services of a structural engineer after notifying DRB DESIGN that such services are required.
- 4. Release of these plans requires further cooperation among the owner, his/her contractor, and DRB DESIGN.
- 5. Design and construction are complex and, although the designer performed his services with due care and
- diligence, perfection is not a guarantee. 6. Communication is imperfect and every contingency cannot be anticipated.
- 7. Any ambiguity or discrepancy discovered by the use of these plans shall be reported immediately to DRB DESIGN. Failure to notify the DRB DESIGN compounds misunderstandings and increases construction costs. 8. A failure to cooperate by a simple notice to DRB DESIGN shall relieve the designer from any and all
- responsibilities for all consequences. 9. Changes made to these plans without the consent of the designer are unauthorized and shall relieve DRB
- DESIGN of responsibility for any and all consequences arriving out of such changes. 10. Written dimensions on these plans always have precedence over scaled dimensions.
- 11. It is the contractors responsibility to verify and be responsible for all dimensions and square footage prior to construction, as well as conditions on the job site. DRB DESIGN is not responsible for dimension and square
- footage errors once construction has begun. 12. DRB DESIGN must be notified of any variations from the dimensions and conditions shown on these drawings.

DESIGN LOADS

|                    | LIVE LOAD<br>(PSF)              | DEAD LOAD<br>(PSF) | DEFLECTION |       |  |
|--------------------|---------------------------------|--------------------|------------|-------|--|
|                    | , , ,                           | · · ·              | LL         | TL    |  |
| FLOOR (primary)    | 40                              | 10                 | L/360      | L/240 |  |
| FLOOR (secondary)  | 40                              | 10                 | L/360      | L/240 |  |
| ATTIC (w/ storage) | 20                              | 20 10              |            | 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: ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF "NORTH CAROLINA STATE 2018 RESIDENTIAL BUILDING CODE", IN ADDITION TO ALL LOCAL CODES AND REGULATIONS. 2) IT IS THE CONTRACTORS 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 MEMBER AND Fb = 2600 PSI, E = 1.9M PSI (I.E. iLEVEL MICROLAM)
- ALL LSL LUMBER IS TO BE 1.55E (Fb = 2325 PSI) 4) ALL LOAD BEARING EXTERIOR WINDOW HEADERS WITH MAXIMUM SPAN OF 5'-6" SHOULD BE A (2) 2x10 w/ (1) 2x4 KING STUD AND (1) 2x4 JACK STUD NAILED TOGETHER w/ (2) 10d @ 8" O.C. PROVIDED THAT THE TOP OF THE WINDOW HEIGHT IS 6'-8", MINIMUM BOTTOM OF THE WINDOW HEIGHT IS 1'-6", OTHERWISE REFER TO
- TABLE R502.5(1). 5) ALL INTERIOR LOAD BEARING HEADERS TO BE (2) 2x10 (U.N.O.) REFER TO TABLE
- R502.5(1) 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. 7) ALL STRUCTURAL STEEL SHALL BE ASTM A992 GRADE 50
- Fy = 50 KSI MIN. (UNO) 8) ALL EXTERIOR LUMBER TO BE #2 SYP PT
- ALL CONCRETE, fc = 3000 PSI MIN. PRESUMPTIVE BEARING CAPACITY = 2000 PSF
- 11/2"Ø ANCHOR BOLTS SPACED AT MAXIMUM OF 6'-0" O.C. AND NOT MORE THAN 12"
   11/2"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 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 AND BOTTOM OF PORCH COLUMNS. (U.N.O.)
- 14) PROVIDE CONTINUOUS SHEATHING PER SECTION 602.10.4 OF THE 2018 IRC. 15) MAXIMUM MASONRY PIER HEIGHT SHALL NOT EXCEED FOUR TIMES ITS LEAST
- HORIZONTAL DIMENSION. 16) UPLIFT LOADS GREATER THAN 500# SHALL BE CONTINUOUSLY ANCHORED TO THE
- FOUNDATION. 17) METAL HANGERS SHALL BE SIMPSON OR APPROVED EQUAL.



DESIGN LOADS

|                    | LIVE LOAD<br>(PSF)              | DEAD LOAD<br>(PSF) | DEFLECTION |       |  |
|--------------------|---------------------------------|--------------------|------------|-------|--|
|                    | ( - )                           |                    | 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 |                    |            |       |  |

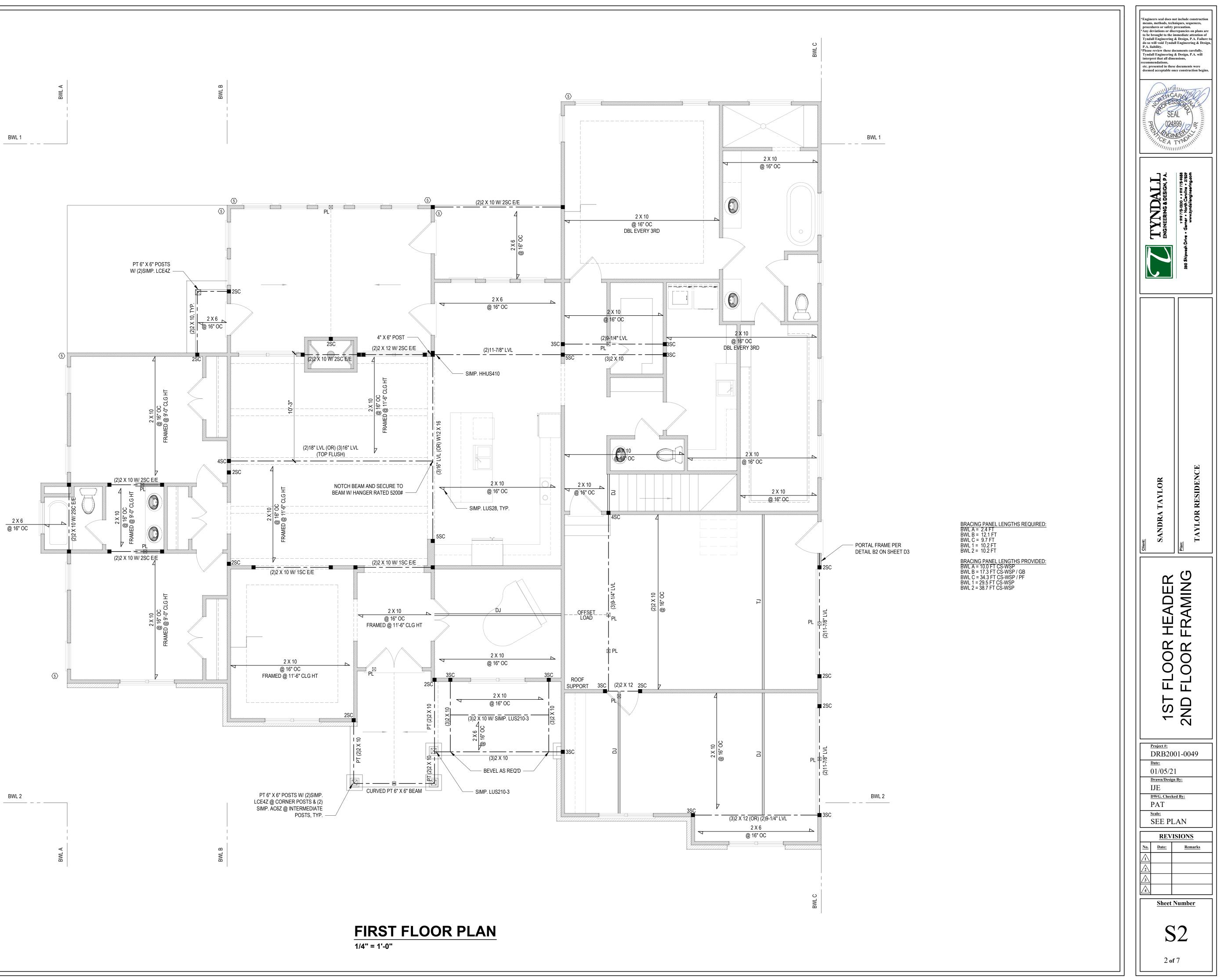
| STR | RUCTURAL NOTES:  |
|-----|--|
| 1)  | ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF "NORTH      |
|     | CAROLINA STATE 2018 RESIDENTIAL BUILDING CODE", IN ADDITION TO ALL LOCAL |
|     | CODES AND REGULATIONS.   |
| 2)  | IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY ALL DIMENSIONS 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 MEMBER AND Fb = 2600 PSI, E = 1.9M PSI
- (I.E. iLEVEL MICROLAM) ALL LSL LUMBER IS TO BE 1.55E (Fb = 2325 PSI) 4) ALL LOAD BEARING EXTERIOR WINDOW HEADERS WITH MAXIMUM SPAN OF 5'-6" SHOULD BE A (2) 2x10 w/ (1) 2x4 KING STUD AND (1) 2x4 JACK STUD NAILED TOGETHER w/ (2) 10d @ 8" O.C. PROVIDED THAT THE TOP OF THE WINDOW HEIGHT IS
- 6'-8", MINIMUM BOTTOM OF THE WINDOW HEIGHT IS 1'-6", OTHERWISE REFER TO TABLE R502.5(1). 5) ALL INTERIOR LOAD BEARING HEADERS TO BE (2) 2x10 (U.N.O.) REFER TO TABLE R502.5(1) 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. 7) ALL STRUCTURAL STEEL SHALL BE ASTM A992 GRADE 50
- Fy = 50 KSI MIN. (UNO) 8) ALL EXTERIOR LUMBER TO BE #2 SYP PT
- ALL CONCRETE, fc = 3000 PSI MIN.
- PRESUMPTIVE BEARING CAPACITY = 2000 PSF INCOMPTOY DELIVING 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 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 AND BOTTOM OF PORCH COLUMNS. (U.N.O.)
- 14) PROVIDE CONTINUOUS SHEATHING PER SECTION 602.10.4 OF THE 2018 IRC. 15) MAXIMUM MASONRY PIER HEIGHT SHALL NOT EXCEED FOUR TIMES ITS LEAST
- HORIZONTAL DIMENSION. 16) UPLIFT LOADS GREATER THAN 500# SHALL BE CONTINUOUSLY ANCHORED TO THE
- FOUNDATION. 17) METAL HANGERS SHALL BE SIMPSON OR APPROVED EQUAL.







STRUCTURAL SHEATHING NOTES

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DATE

PLOT

LAST

PRENTICE

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SAVED

- 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.
- 3) 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. (1) 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/ 5d COOLER NAILS (OR EQUAL PER TABLE R702.3.5) SPACED @ 7" O.C. AT PANEL EDGES, INCLUDING TOP AND BOTTOM PLATES & 7" O.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 ABOVE AND BELOW OPENINGS AND GABLE END WALLS) SHALL BE CONTINUOUSLY SHEATHED WITH WOOD STRUCTURAL PANEL (WSP)
- SHEATHING WITH A MINIMUM THICKNESS OF 3/8". SHEATHING SHALL BE SECURED WITH MINIMUM 6d COMMON NAILS SPACED AT 6" O.C. AT PANEL EDGES AND SPACED AT 12" O.C. AT INTERMEDIATE SUPPORTS. MINIMUM BRACED WALL PANEL LENGTHS WITH CS-WSP METHOD SHALL BE AS 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 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

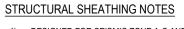


DESIGN LOADS

|                    | LIVE LOAD<br>(PSF)              | DEAD LOAD<br>(PSF) | DEFLECTION |       |  |
|--------------------|---------------------------------|--------------------|------------|-------|--|
|                    | . ,                             | · · ·              | 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/240      | L/180 |  |
| ATTIC (no access)  | 10 5 L/240                      |                    | 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: ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REQUIREMENTS OF "NORTH CAROLINA STATE 2018 RESIDENTIAL BUILDING CODE", IN ADDITION TO ALL LOCAL

- CODES AND REGULATIONS. 2) IT IS THE CONTRACTORS 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 MEMBER AND Fb = 2600
- PSI, E = 1.9M PSI (I.E. iLEVEL MICROLAM) ALL LSL LUMBER IS TO BE 1.55E (Fb = 2325 PSI) ALL LOAD BEARING EXTERIOR WINDOW HEADERS WITH MAXIMUM SPAN OF 5'-6"
- SHOULD BE A (2) 2x10 w/ (1) 2x4 KING STUD AND (1) 2x4 JACK STUD NAILED TOGETHER w/ (2) 10d @ 8" O.C. PROVIDED THAT THE TOP OF THE WINDOW HEIGHT IS 6'-8", MINIMUM BOTTOM OF THE WINDOW HEIGHT IS 1'-6", OTHERWISE REFER TO
- TABLE R502.5(1). 5) ALL INTERIOR LOAD BEARING HEADERS TO BE (2) 2x10 (U.N.O.) REFER TO TABLE R502.5(1) 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. 7) ALL STRUCTURAL STEEL SHALL BE ASTM A992 GRADE 50
- Fy = 50 KSI MIN. (UNO)
- 8) ALL EXTERIOR LUMBER TO BE #2 SYP PT
- ALL CONCRETE, fc = 3000 PSI MIN. PRESUMPTIVE BEARING CAPACITY = 2000 PSF
- 10) PRESUMPTIVE BEARING CAPACITY = 2000 PSF
   11) 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 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 AND BOTTOM
- OF PORCH COLUMNS. (U.N.O.)
   PROVIDE CONTINUOUS SHEATHING PER SECTION 602.10.4 OF THE 2018 IRC.
- 15) MAXIMUM MASONRY PIER HEIGHT SHALL NOT EXCEED FOUR TIMES ITS LEAST HORIZONTAL DIMENSION.
- 16) UPLIFT LOADS GREATER THAN 500# SHALL BE CONTINUOUSLY ANCHORED TO THE
- FOUNDATION. 17) METAL HANGERS SHALL BE SIMPSON OR APPROVED EQUAL.



- 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.
- 3) 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.
- (1) 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/ 5d COOLER NAILS (OR EQUAL PER TABLE R702.3.5) SPACED @ 7" O.C. AT PANEL EDGES, INCLUDING TOP AND BOTTOM PLATES & 7" O.C. AT INTERMEDIATE SUPPORTS
- 3/3/8" 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 ABOVE AND BELOW OPENINGS AND GABLE END WALLS) SHALL BE CONTINUOUSLY SHEATHED WITH WOOD STRUCTURAL PANEL (WSP)
- SHEATHING WITH A MINIMUM THICKNESS OF 3/8". SHEATHING SHALL BE SECURED WITH MINIMUM 6d COMMON NAILS SPACED AT 6" O.C. AT PANEL EDGES AND SPACED AT 12" O.C. AT INTERMEDIATE SUPPORTS.
- MINIMUM BRACED WALL PANEL LENGTHS WITH CS-WSP METHOD SHALL BE AS 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  $\langle 4 \rangle$  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

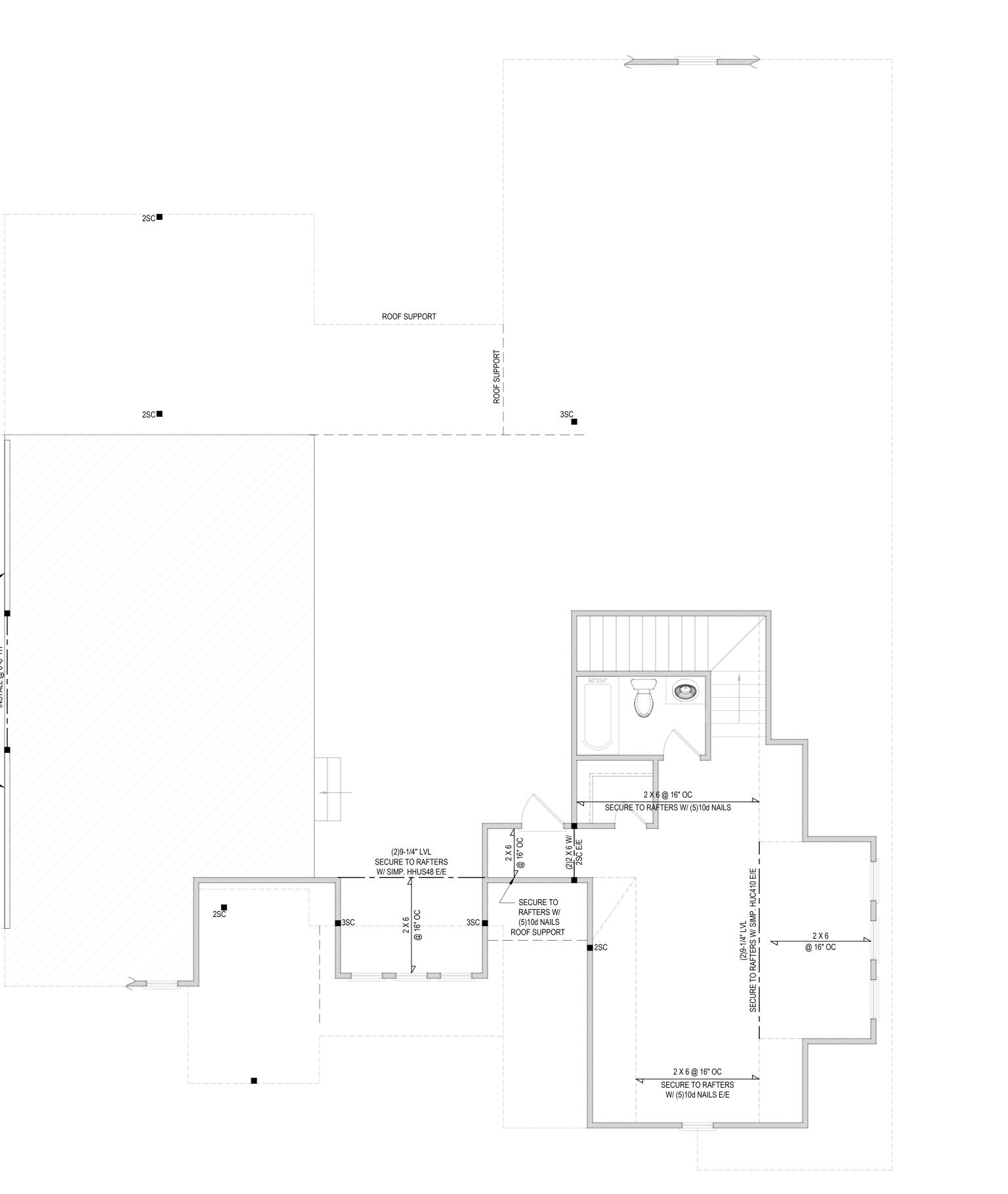


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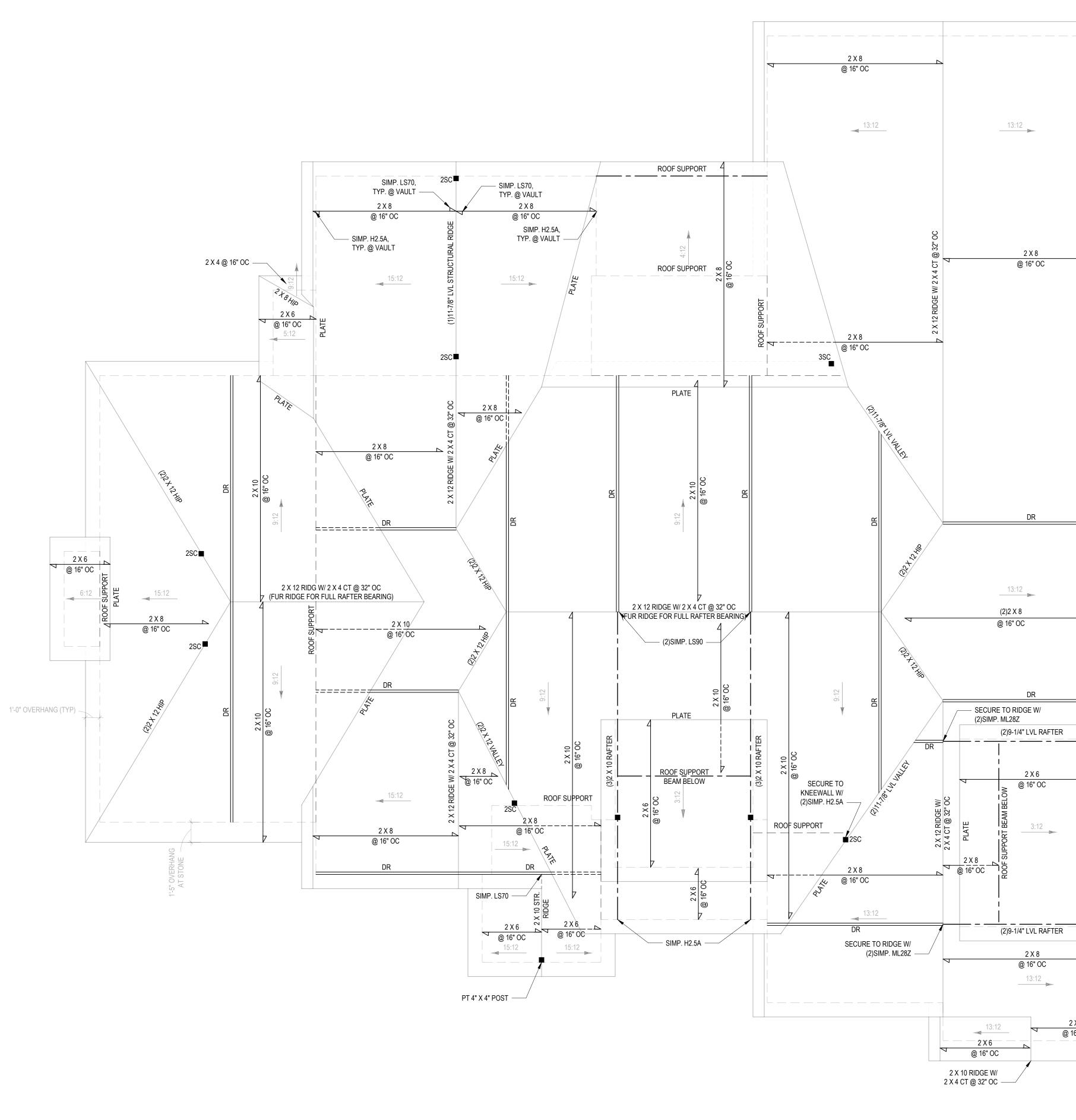
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## SECOND FLOOR PLAN

1/4" = 1'-0"

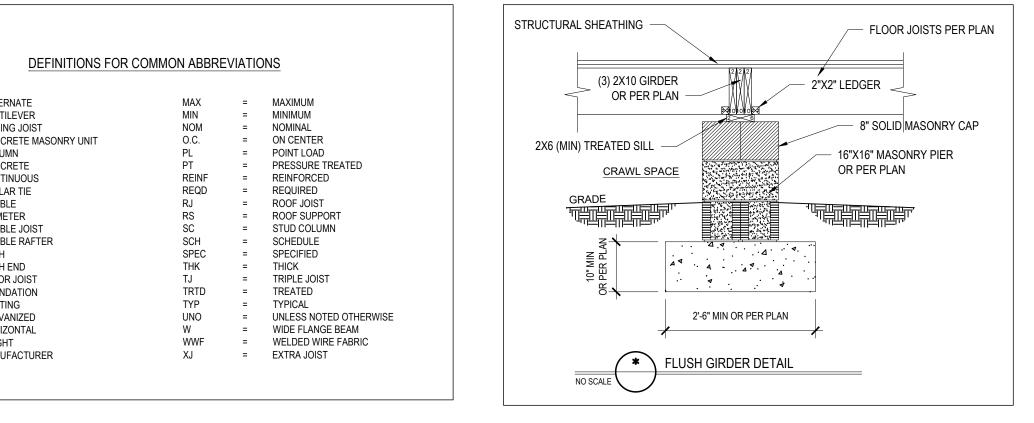
| means, methods, techn<br>procedures or safety p<br>*Any deviations or disc<br>to be brought to the ir<br>Tyndall Engineering 4<br>do so will void Tyndal<br>P.A. liability.<br>*Please review these do<br>Tyndall Engineering 4<br>interpret that all dime<br>recommendations,<br>etc. presented in these<br>deemed acceptable on<br>SE | *Please review these documents carefully.<br>Tyndall Engineering & Design, P.A. will<br>interpret that all dimensions,                |  |  |  |  |
|---|---|--|--|--|--|
| TYNDALL<br>ENGINEERING & DESIGN, P.A.   | ≠ 919.778-1200 = ⊭ 919.778-1200 = 1 919.778-9488<br>250 Shipwash Drive = Garnar = North Gardina = 27529<br>www.tyndallanginaering.com |  |  |  |  |
| <u>client:</u><br>SANDRA TAYLOR   | Pian:<br>TAYLOR RESIDENCE   |  |  |  |  |
| Project #:<br>DRB200<br>Date:<br>01/05/21<br>Drawn/Design<br>IJE<br>DWG. Checke<br>PAT<br>SEE PL<br>SEE PL  | By:<br>ad By:   |  |  |  |  |
|   | Remarks   |  |  |  |  |

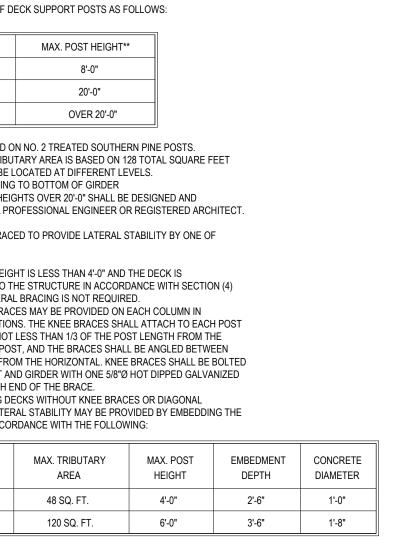




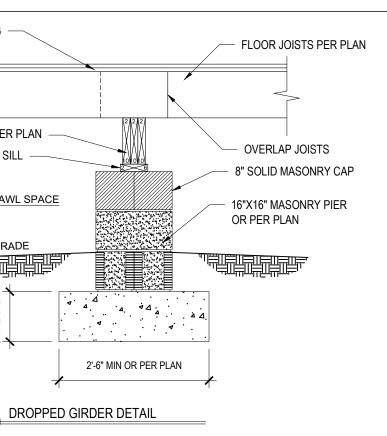
|                   | *Engineers seal does not include construction<br>means, methods, techniques, sequences,<br>procedures or safety precaution.<br>*Any deviations or discrepancies on plans are<br>to be brought to the immediate attention of<br>Tyndall Engineering & Design, P.A. Failure to<br>do so will void Tyndall Engineering & Design, P.A.<br>Plaese review these documents carefully.<br>Tyndall Engineering & Design, P.A. will<br>interpret that all dimensions,<br>recommendations,<br>etc. presented in these documents were<br>deemed acceptable once construction begins. |
|-------------------|--|
|                   | TTANDALL<br>ENGINEERING & DESIGN, P.A.<br>199774-260 = # 919774-9468<br>250 Shipwash Drive = Garmar = North Carolina = 27259<br>www.cyndailanginaering.com   |
|                   | client:<br>SANDRA TAYLOR<br>SANDRA TAYLOR<br>TayLOR RESIDENCE  |
| 2 X 6<br>@ 16" OC | ROOF PLAN  |
|                   | Project #:<br>DRB2001-0049<br>Date:<br>01/05/21<br>Drawn/Design By:<br>JJE<br>DWG. Checked By:<br>PAT<br>SEE PLAN<br>SEE PLAN<br><u>REVISIONS</u><br><u>No. Date: Remarks</u><br><u>1</u><br><u>1</u><br><u>2</u><br><u>3</u><br><u>3</u><br><u>3</u><br><u>3</u><br><u>3</u><br><u>3</u><br><u>3</u><br><u>3</u><br><u>3</u><br><u>3</u>  |

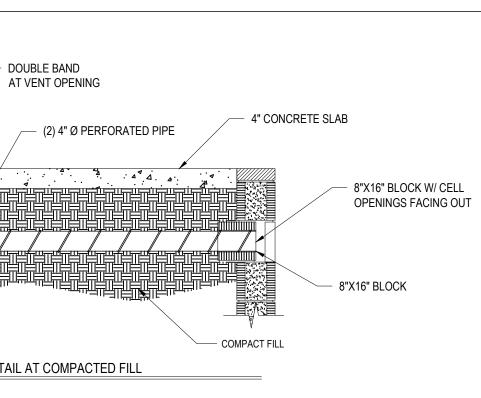
|  |   |  | LIVE LO   |   | DLOAD   | DEFLEC   | TION   |                |                          |   | ALT =<br>CANT =<br>C.I =           |
|--|---|--|---|---|---|--|--|----------------|--------------------------|---|------------------------------------|
|  |   | FLOORS   | (PSF)   |   | PSF)  | LL<br>L/360  | TL<br>L/240  |                |                          |   | CJ =<br>CMU =<br>COL =<br>CONC =   |
|  | ATTIC (pu   | / walk up stairs)<br>Ill down access)<br>(no access)   | 30<br>20<br>10  |   | 10<br>10<br>5   | L/360<br>L/240<br>L/240  | L/240<br>L/180<br>L/180                                    | _              |                          |   | CONT =<br>CT =<br>DBL =            |
|  | EXTERN  | IAL BALCONY<br>ROOF  | 40<br>20  |   | 10<br>10  | L/240<br>L/360<br>L/240  | L/240<br>L/180   |                |                          |   | DIA =<br>DJ =<br>DR =              |
|  |   | DF TRUSS   | 20  |   | 20<br>D ON 120 MPH (EX  | L/240<br>(POSURE B)  | L/180  | _              |                          |   | EA =<br>EE =<br>FJ =               |
|  | SI  | EISMIC   |   |   | SEISMIC ZONES A   | ,  |  |                |                          |   | FJ =<br>FND =<br>FTG =<br>GALV =   |
| ) MINIMUM ALLOV  | ABLE SOIL BEARING PRE   | SSURE = 2000 PSF   |   |   |   |  |  |                |                          |   | HORIZ =<br>HT =<br>MANUF =         |
| ,  | L HAVE A MINIMUM 28 DA<br>DTHERWISE. (U.N.O.)   | AY COMPRESSIVE S   | TRENGTH OF 3000   | PSI AND A MAXIMI  | UM SLUMP OF FIV   | E INCHES   |  |                |                          |   | MANUF =                            |
| BRACING. REFE  | OF UNBALANCED FILL A<br>TO SECTION R404 OF 20<br>TYPE, AND UNBALANCE  | 18 NC BUILDING CO  | DE FOR BACKFILL I   |   |   |  |  |                |                          |   |                                    |
| ) ALL FRAMING LU<br>ALL FRAMING LU<br>ALL LVL LUMBEF   | MBER SHALL BE SYP #2 (<br>MBER EXPOSED TO THE<br>TO BE 1.75" WIDE NOMIN<br>TO BE 3.5" WIDE NOMINA   | (Fb = 800 PSI, BASED<br>ELEMENTS SHALL B<br>NAL EACH SINGLE MI   | ON 2x10) UNO.<br>E TREATED MATER<br>EMBER AND Fb = 26   | 500 PSI, E = 1.9M F   |   |  |  |                |                          |   | 1) MAXIMUM HE                      |
| ) ALL LOAD BEAR  | TO BE 3.5" WIDE NOMIN<br>NG EXTERIOR HEADERS<br>FOR HEADER SPANS FOF  | SHALL BE AT (2) 2x1  | 0. (U.N.O.) REFER T   | O TABLE R602.7(1  | I) & (2) FOR JACK S   |  |  |                |                          |   | POST<br>4 x                        |
| ) ALL STRUCTUR/  | L STEEL W-SHAPES (I-BE<br>ES, PLATES, AND C-CHAN  | AMS) SHALL BE AST  | M A992 GRADE 50.  |   |   |  |  |                |                          |   | 6 x                                |
| ALL STEEL PIPE   | ALL BE SUPPORTED AT   | DE B.  |   | -ENGTH OF 3-1/2"  | AND FULL FLANGE   | e width.   |  |                |                          |   | * THIS TABLE                       |
| PROVIDE SOLID<br>LAG SCREWS (1   | BEARING FROM BEAM SU<br>2"Ø x 4" LONG). LATERAL<br>ND THE SOLE PLATES AR  | IPPORT TO FOUNDA<br>SUPPORT IS CONSI   | TION. BEAMS SHAL<br>DERED ADEQUATE  | L BE ATTACHED T<br>PROVIDED THE JO  | TO EACH SUPPOR<br>OISTS ARE TOE NA  | T WITH TWO (2)   |  |                |                          |   | MAXII<br>WHIC<br>** FROM TOP C     |
| ) PROVIDE ANCHO  | R BOLT PLACEMENT PER<br>H PLATE SECTION. ANCH   | R SECTION 403.1.6: 1   | /2"Ø ANCHOR BOLT  | S SPACED AT 6'-0  | )" O.C. AND PLACE   |  |  |                |                          |   | *** DECKS WITH<br>SEAL             |
| EXTEND 7" INTO   | CONCRETE OR MASONR  | Y. THE BOLTS SHALL   | BE LOCATED IN TH  |   |   |  |  |                |                          |   | 2) DECKS SHAL<br>THESE METH        |
| ,  |   | G OR WATERPROOF  | ING PER SECTION   | 405 AND 406 OF N  | C BUILDING CODE   |  |  |                |                          |   | A. THE DECK FI<br>ATTA<br>ABOV     |
| WALL CLADDING  | CLADDING VALUES:<br>SHALL BE DESIGNED FO<br>DTH POSITIVE AND NEGA   | TIVE SHALL BE AS F   |   | 3S/SQFT) OR GRE/  | ATER POSITIVE AN  | ND NEGATIVE PR   | ESSURE.  |                |                          |   | B. 4 x 4 WOOD<br>BOTH<br>AT A      |
| 36.0 LBS/SQFT F<br>18.0 LBS/SQFT F   | DR ROOF PITCHES 0/12 T<br>DR ROOF PITCHES 1.5/12<br>DR ROOF PITCHES 6/12 T<br>DR ROOF PITCHES 6/12 T  | TO 6/12  |   |   |   |  |  |                |                          |   | TOP (<br>45° A<br>TO TH            |
|  | EIGHT 30'-0" OR LESS<br>ES FROM 2/12 THROUGH  | 4/12, BUILDER TO IN  | ISTALL 2 LAYERS O   | F 15# FELT PAPE   | R.  |  |  |                |                          |   | BOLT<br>C. FOR FREEST<br>BRAC      |
| /  | ON R602.3 FOR FRAMING   |  |   |   |   |  |  |                |                          |   | POST                               |
| ,  | IUOUS SHEATHING PER S   |  |   | HE FOUNDATION.  |   |  |  |                |                          |   | POS                                |
| ,  | N1102.1 FOR PRESCRIP  |  |   |   |   |  |  |                |                          |   | 4                                  |
| ,  | ESIGNED WITH MAXIMUM  | , , , , , , , , , , , , , , , , , , ,  | ,   | TOM OF PORCH O  | COLUMNS (UNO)   |  |  |                |                          |   |                                    |
| ,  | NRY PEIR HEIGHT SHALL   |  |   |   | , , , , , , , , , , , , , , , , , , ,   |  |  |                |                          |   | D. 2 x 6 DIAGON<br>(2) PE<br>TO TH |
| ,  | ACTORS RESPONSIBILITY<br>EERING & DESIGN, PA IS I   |  |   |   |   |  | N BEGINS.  |                |                          |   | THE 2<br>Dippe<br>E. For Embedi    |
|  |   |  |   |   |   |  |  |                |                          |   |                                    |
| IMATE FENESTR  |   | GLAZED<br>FENESTRATION   |   | WOOD<br>FRAMED WALL   | MASS<br>WALL  | FLOOR  | BASEMENT <sup>C,C</sup><br>WALL                            | R-VALUE        | CRAWL SPACE<br>WALL      |   |                                    |
| ONES         U-FAC1           3         0.35   | DR <sup>0,1</sup> U-FACTOR<br>0.55  | <u>SHGC <sup>ь,<u>к</u><br/>0.30</sup></u>   | R-VALUE<br><u>38 or 30</u><br>cont  | R-VALUE<br><u>15</u> or<br>13 + 2.5 <sup>h</sup>  | R-VALUE '<br><u>5/13 or</u><br>5/10 cont  | R-VALUE<br>19  | R-VALUE<br><u>5/13</u> <sup>f</sup>                        | AND DEPTH<br>0 | R-VALUE<br>5/13          | - | STRUCTURAL SHE                     |
| 4 0.35   | 0.55  | <u>0.30</u>  | 38 or 30<br>cont j  | 15 or<br>13 + <u>2.5</u> <sup>h</sup>   | <u>5/13 or</u><br>5/10 cont   | 19   | <u>10/15</u>   | 10             | 10/15                    |   |                                    |
| 5 <u>0.35</u>  | 0.55  | NR   | <u>38 or 30</u><br><u>cont</u>  | $^{n} \frac{19, \text{ or } 13 + 5}{\text{or } 15 + 3}$   | h 13/17 <u>or</u><br><u>13/12.5 cont</u>  | 30 <sup>g</sup>  | 10/15  | 10             | <u> </u>                 |   |                                    |
| *  | ABLE N1102.1 CLIN   | /ATE ZONES 3-  | 5   |   |   |  |  |                |                          |   | (3) 2X10 GIRDEI<br>2X6 (MIN) TR    |
| $\bigcirc$   | R-VALUES ARE MINIMUMS. U-FACTOR<br>OF THE INSULATION, THE INSTAL<br>THE FENESTRATION U-FACTOR COLU  | LLED R-VALUE OF THE INSULA<br>UMN EXCLUDED SKYLIGHTS. T  | TION SHALL NOT BE LESS TH   | HAN THE R-VALUE SPECIFI   |   | OR DESIGN THICKNESS  |  |                |                          |   |                                    |
|  | (SHGC) COLUMN APPLIES TO ALI<br>"10/15" MEANS R-10 CONTINUOUS INS<br>OR R-15 CAVITY INSULATION AT<br>EOD MONOLITHIC SLABS, INSULATIO  | SULATED SHEATHING ON THE<br>THE INTERIOR OF THE BASEM  | IENT WALL OR CRAWL SPAC   | E WALL.   |   |  |  |                |                          |   |                                    |
|  | FOR MONOLITHIC SLABS, INSULATIO<br>OF THE FOOTING OR A MAXIMUM<br>SHALL EXTEND TO THE BOTTOM C<br>ADDED TO THE REQUIRED SLAB E  | OF 24" BELOW GRADE WHICH<br>OF THE FOUNDATION WALL OF  | EVER IS LESS. FOR FLOATIN<br>24", WHICHEVER IS LESS. R  | G SLABS, INSULATION   |   |  |  |                |                          |   | Ę                                  |
| d  | DELETED<br>BASEMENT WALL INSULATION IS NOT<br>OR INSULATION SUFFICIENT TO FILL  |  | -   | FIGURE N1101.7 AND TABLE  | <u>E N1101.7</u> .  |  |  |                |                          |   |                                    |
| d<br>e<br>f.   |   | CAVITY INSULATION. PLUS R-<br>REQUIRED WHERE THE STRU  | 3 INSULATED SHEATHING. <u>IF</u><br>CTURAL SHEATHING IS USEI  | STRUCTURAL SHEATHING  | G COVERS 25% OR LESS OF<br>HING COVERS MORE THAN  | THE EXTERIOR,  |  |                |                          |   |                                    |
| d<br>e<br>f.<br>9  | THE FIRST VALUE IS CAVITY INSULA<br>SHEATHING. "15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT   |  |   | R-2. "13 + 2.5" MEANS R-13  | 3 CAVITY  |  |  |                |                          |   |                                    |
| d<br>f.<br>g<br>h  | SHEATHING, "15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/  | IING.<br>ALUE APPLIES WHEN MORE TH   | HAN HALF THE INSULATION IS  |   |   |  |  |                |                          |   |                                    |
| d<br>f.<br>g<br>h  | SHEATHING. "15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH   | IING.<br>ALUE APPLIES WHEN MORE TH<br>SECTION N1102.3.3, A MAXIMUI<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU  | HAN HALF THE INSULATION IS<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>M OF TWO GLAZED FENESTF  | ATION PRODUCT ASSEMB<br>TASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME  | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BLIES HAVING A SHGC NO (   |  |  |                |                          |   | /                                  |
| d<br>f.<br>g<br>h<br>i.<br><u>i.</u><br><u>k</u>   | SHEATHING. "15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>R-30 SHALL BE DEEMED TO SATISFY<br>AT THE EAVES. OTHERWISE R-381<br>OF THE ATTIC ROOF DECK.   | IING.<br>ALUE APPLIES WHEN MORE TH<br>SECTION N1102.3.3, A MAXIMUF<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>THE CEILING INSULATION REC<br>INSULATION IS REQUIRED WHI  | HAN HALF THE INSULATION IS<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>JUIREMENT WHEREVER THE<br>ERE ADEQUATE CLEARANCE  | AATION PRODUCT ASSEMB<br>TASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>TASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>EXISTS OR INSULATION M   | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BLIES HAVING A SHGC NO (<br>PENALTY.<br>PRESSED R-30 INSULATION<br>JUST EXTEND TO EITHER T   | GREATER THAN 0.70 SHA<br>LEXTENDS OVER THE W.<br>HE INSULATION BAFFLE  | LL BE<br>ALL TOP PLATE<br>OR WITHIN 1 INCH                 |                |                          |   | NO SCALE                           |
| d<br>e<br>t.<br>9<br>h<br>:  | SHEATHING. '15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>R-30 SHALL BE DEEMED TO SATISFY<br>AT THE EAVES. OTHERWISE R-38 I   | IING.<br>ALUE APPLIES WHEN MORE TI<br>SECTION N1102.3.3, A MAXIMUI<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>FOR MINIMUM CODE COMPLIA<br>THE CELLING INSULATION REGUIRED WHI<br>INSULATION IS REQUIRED WHI<br>IN ROOF EDGE WHERE THE SF<br>ED AND INSTALLED IN A NOMI<br>NOT DEEMED TO COMPLY.   | AN HALF THE INSULATION I:<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>JUIREMENT WHEREVER THE<br>ERE ADEQUATE CLEARANCE<br>PACE IS LIMITED BY THE PITC<br>NAL 2 × 6 FRAMING CAVITY I:   | AATION PRODUCT ASSEMB<br>T ASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>T ASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>EXISTS OR INSULATION M<br>CH OF THE ROOF; THERE T<br>S DEEMED TO COMPLY. FII   | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BLIES HAVING A SHGC NO G<br>PENALTY.<br>PRESSED R-30 INSULATION<br>JUST EXTEND TO EITHER T<br>ITHE INSULATION MUST FILL<br>BERGLASS BATTS RATED F                            | GREATER THAN 0.70 SHA<br>I EXTENDS OVER THE W.<br>HE INSULATION BAFFLE<br>THE SPACE UP TO THE<br>8-19 OR HIGHER COMPRI | LL BE_<br>ALL TOP PLATE<br>OR WITHIN 1 INCH<br>AIR BAFFLE. |                |                          |   | NO SCALE                           |
| d<br>e<br>t.<br>9<br>h<br>:  | SHEATHING. '15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>R-30 SHALL BE DEEMED TO SATISFY<br>AT THE EAVES. OTHERWISE R-38 I<br>OF THE ATTIC ROOF DECK.<br>TABLE VALUE REQUIRED EXCEPT FO<br>C. 19 FIBERCIASS BATTS COMPRESS<br>AND INSTALLED IN A 2X4 WALL IS 1   | IING.<br>ALUE APPLIES WHEN MORE TI<br>SECTION N1102.3.3, A MAXIMUI<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>FOR MINIMUM CODE COMPLIA<br>THE CELLING INSULATION REGUIRED WHI<br>INSULATION IS REQUIRED WHI<br>IN ROOF EDGE WHERE THE SF<br>ED AND INSTALLED IN A NOMI<br>NOT DEEMED TO COMPLY.   | AN HALF THE INSULATION I:<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>JUIREMENT WHEREVER THE<br>ERE ADEQUATE CLEARANCE<br>PACE IS LIMITED BY THE PITC<br>NAL 2 × 6 FRAMING CAVITY I:   | AATION PRODUCT ASSEMB<br>T ASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>T ASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>EXISTS OR INSULATION M<br>CH OF THE ROOF; THERE T<br>S DEEMED TO COMPLY. FII   | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BLIES HAVING A SHGC NO G<br>PENALTY.<br>PRESSED R-30 INSULATION<br>JUST EXTEND TO EITHER T<br>ITHE INSULATION MUST FILL<br>BERGLASS BATTS RATED F                            | GREATER THAN 0.70 SHA<br>I EXTENDS OVER THE W.<br>HE INSULATION BAFFLE<br>THE SPACE UP TO THE<br>8-19 OR HIGHER COMPRI | LL BE_<br>ALL TOP PLATE<br>OR WITHIN 1 INCH<br>AIR BAFFLE. |                |                          |   | NO SCALE                           |
| d<br>e<br>f,<br>9<br>h<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.             | SHEATHING. '15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>R-30 SHALL BE DEEMED TO SATISFY<br>AT THE EAVES. OTHERWISE R-38 I<br>OF THE ATTIC ROOF DECK.<br>TABLE VALUE REQUIRED EXCEPT FO<br>C. 19 FIBERCIASS BATTS COMPRESS<br>AND INSTALLED IN A 2X4 WALL IS 1   | IING.<br>ALUE APPLIES WHEN MORE TH<br>SECTION N1102.3.3, A MAXIMUL<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>THE CEILING INSULATION REC<br>INSULATION IS REQUIRED WHI<br>R ROOF EDGE WHERE THE SF<br>IED AND INSTALLED IN A NOMI<br>NOT DEEMED TO COMPLY.<br>MUM MASS WALL SPECIFIC HE   | IAN HALF THE INSULATION I:<br>M OF TWO GLAZED FENESTR<br>INT FENESTRATION PRODUC<br>M OF TWO GLAZED FENESTF<br>INT FENESTRATION PRODUC<br>DUREMENT WHEREVER THE<br>IRE ADEQUATE CLEARANCE<br>VACE IS LIMITED BY THE PITC<br>NAL 2 × 6 FRAMING CAVITY I:<br>AT CONTENT REQUIREMENT   | ATION PRODUCT ASSEMB<br>T ASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>T ASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>E XISTS OR INSULATION M<br>CH OF THE ROOF; THERE T<br>S DEEMED TO COMPLY. FII<br>MAY USE THE MASS WALL  | BLES HAVING A U-FACTOR I<br>PENALTY.<br>BLES HAVING A SHGC NO O<br>PENALTY.<br>PRESSED R-30 INSULATION<br>AUST EXTEND TO EITHER T<br>THE INSULATION MUST FILL<br>BERGLASS BATTS RATED F<br>L R-VALUE AS THE MINIMUN   | GREATER THAN 0.70 SHA<br>I EXTENDS OVER THE W.<br>HE INSULATION BAFFLE<br>THE SPACE UP TO THE<br>8-19 OR HIGHER COMPRI | LL BE_<br>ALL TOP PLATE<br>OR WITHIN 1 INCH<br>AIR BAFFLE. |                |                          |   | NO SCALE                           |
| d<br>e<br>f,<br>g<br>h<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i | SHEATHING. '15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>R-30 SHALL BE DEEMED TO SATISFY<br>AT THE EAVES. OTHERWISE R-38 I<br>OF THE ATTIC ROOF DECK.<br>TABLE VALUE REQUIRED EXCEPT FO<br>C-19 FIBERCIASS BATTS COMPRESS<br>AND INSTALLED IN A 2X4 WALL IS I<br>ASSEMENT WALL MEETING THE MININ<br>COMPACT AND A SUBSTICTION OF SQ.   | IING.<br>ALUE APPLIES WHEN MORE TH<br>SECTION N1102.3.3.4 MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3.4 MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3.4 MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>INSULATION IS REQUIRED WHI<br>IN ROOF EDGE WHERE THE SF<br>INSULATION IS REQUIRED WHI<br>IN ROOF EDGE WHERE THE SF<br>INSULATION IS REQUIRED WHI<br>IN ROOF EDGE WHERE THE SF<br>INTO TEEMED TO COMPLY.<br>MUM MASS WALL SPECIFIC HE<br>UM MASS WALL SPECIFIC HE<br>UM MASS WALL SPECIFIC HE<br>INSULATION IS REQUINE AND<br>TO THE VENT = 40<br>-OR-  | AAN HALF THE INSULATION IS<br>MOF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>MOF TWO GLAZED FENESTR<br>TT FENESTRATION PRODUC<br>JUIREMENT WHEREVER THE<br>ERE ADEQUATE CLEARANCE<br>VACE IS LIMITED BY THE PITC<br>NAL 2 × 6 FRAMING CAVITY IS<br>AT CONTENT REQUIREMENT  | ATION PRODUCT ASSEMB<br>T ASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>IT ASSEMBLIES WITHOUT F<br>T ASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>EXISTS OR INSULATION M<br>CH OF THE ROOF; THERE T<br>S DEEMED TO COMPLY. FII<br>MAY USE THE MASS WALL<br>T CROSS VENTILA | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BULES HAVING A SHGC NO (<br>PENALTY.<br>PRESSED R:30 INSULATION<br>MUST EXTEND TO EITHER T<br>THE INSULATION MUST FILL<br>BERGLASS BATTS RATED F<br>L R-VALUE AS THE MINIMUM | GREATER THAN 0.70 SHA<br>I EXTENDS OVER THE W.<br>HE INSULATION BAFFLE<br>THE SPACE UP TO THE<br>8-19 OR HIGHER COMPRI | LL BE_<br>ALL TOP PLATE<br>OR WITHIN 1 INCH<br>AIR BAFFLE. |                |                          |   | NO SCALE                           |
| d<br>e<br>f,<br>g<br>h<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i | SHEATHING. '15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>PERMITTED TO BE SUBSTITUTED I<br>PERMITTED TO BE SUBSTITUTED<br>AT THE EAVES. OTHERWISE R-381<br>OF THE ATTIC ROOF DECK.<br>TABLE VALUE REQUIRED EXCEPT FO<br>R-19 FIBERGLASS BATTS COMPRESS<br>AND INSTALLED IN A 2X4 WALL IS I<br>ASSEMENT WALL MEETING THE MININ<br>ASSEMENT WALL MEETING THE MININ<br>ASSEMENT WALL MEETING THE MININ<br>ASSEMENT WALL MEETING THE MININ<br>ASSEMENT VALL MEETING THE MI    | IING.<br>ALUE APPLIES WHEN MORE TH<br>SECTION N1102.3.3, A MAXIMUL<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMUL<br>FOR MINIMUM CODE COMPLIA<br>THE CEILING INSULATION REC<br>INSULATION IS REQUIRED WHI<br>R ROOF EDGE WHERE THE SF<br>IED AND INSTALLED IN A NOMI<br>NOT DEEMED TO COMPLY.<br>MUM MASS WALL SPECIFIC HE<br>AND TO SEMEND TO COMPLY.<br>MUM MASS WALL SPECIFIC HE<br>COR-<br>COR-<br>Q. FT. OF REQ'D VEN<br>-OR-<br>Q. FT. OF REQ'D VEN<br>FT. PER VENT = 4 VE  | IAN HALF THE INSULATION IS<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>DUREMENT WHEREVER THE<br>RE ADEQUATE OLEARANCE<br>VACE IS LIMITED BY THE PITC<br>NAL 2 × 6 FRAMING CAVITY IS<br>AT CONTENT REQUIREMENT<br>ITILATION WITHOUT<br>VENTS REQ'D1<br>ITILATION WITH CR<br>INTS REQ'D2   | ATION PRODUCT ASSEMB<br>T ASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>IT ASSEMBLIES WITHOUT F<br>T ASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>EXISTS OR INSULATION M<br>CH OF THE ROOF; THERE T<br>S DEEMED TO COMPLY. FII<br>MAY USE THE MASS WALL<br>T CROSS VENTILA | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BULES HAVING A SHGC NO (<br>PENALTY.<br>PRESSED R:30 INSULATION<br>MUST EXTEND TO EITHER T<br>THE INSULATION MUST FILL<br>BERGLASS BATTS RATED F<br>L R-VALUE AS THE MINIMUM | GREATER THAN 0.70 SHA<br>I EXTENDS OVER THE W.<br>HE INSULATION BAFFLE<br>THE SPACE UP TO THE<br>8-19 OR HIGHER COMPRI | LL BE_<br>ALL TOP PLATE<br>OR WITHIN 1 INCH<br>AIR BAFFLE. |                |                          |   |                                    |
| d<br>e<br>f,<br>g<br>h<br>L<br>L<br>L<br>L<br>L<br>L<br>L<br>L<br>L<br>L<br>L<br>L<br>L<br>L<br>L<br>L<br>L<br>L | SHEATHING. 115+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>NATHE EAVES. OTHERWISE R-38 I<br>OF THE ATTIC ROOP DECK.<br>TALLED VALUE REQUIRED EXCEPT FO<br>R-19 FIBERGLASS BATTS COMPRESS<br>AND INSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE REQUIRED EXCEPT FO<br>R-19 FIBERGLASS DATTS COMPRESS<br>AND INSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE AND A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE AND A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ<br>CALLED VALUE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MININ A 1       | IING.<br>ALUE APPLIES WHEN MORE TI<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>INSULATION IS REQUIRED WHI<br>R ROOF EDGE WHERE THE SF<br>ED AND INSTALLED IN A NOMI<br>NOT DEEMED TO COMPLY.<br>MUM MASS WALL SPECIFIC HE<br>COR-<br>Q. FT. OF REQ'D VEN<br>.FT. PER VENT = 40<br>-OR-<br>T. PER VENT = 4 VE<br>HOWEVER VENTS SHALL BE P<br>EVENT DEAD AIR POCKETS.<br>ED TO 1/1500 OF THE CRAWLS  | AN HALF THE INSULATION I:<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>JUREMENT WHEREVER THE<br>ERE ADEQUATE CLEARANCE<br>VACE IS LIMITED BY THE PITC<br>NAL 2 × 6 FRAMING CAVITY I:<br>AT CONTENT REQUIREMENT<br>AT CONTENT REQUIREMENT<br>VENTS REQ'D1<br>ITILATION WITH CR<br>INTS REQ'D2<br>LACED TO<br>SPACE   | ATION PRODUCT ASSEMB<br>T ASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>IT ASSEMBLIES WITHOUT F<br>T ASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>EXISTS OR INSULATION M<br>CH OF THE ROOF; THERE T<br>S DEEMED TO COMPLY. FII<br>MAY USE THE MASS WALL<br>T CROSS VENTILA | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BULES HAVING A SHGC NO (<br>PENALTY.<br>PRESSED R:30 INSULATION<br>MUST EXTEND TO EITHER T<br>THE INSULATION MUST FILL<br>BERGLASS BATTS RATED F<br>L R-VALUE AS THE MINIMUM | GREATER THAN 0.70 SHA<br>I EXTENDS OVER THE W.<br>HE INSULATION BAFFLE<br>THE SPACE UP TO THE<br>8-19 OR HIGHER COMPRI | LL BE_<br>ALL TOP PLATE<br>OR WITHIN 1 INCH<br>AIR BAFFLE. |                | FLOOR JOISTS<br>PER PLAN |   |                                    |
| d<br>e<br>f,<br>9<br>h<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i | SHEATHING. 15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>R-30 SHALL BE DEEMED TO SATISFY<br>AT THE EAVES. OTHERWISE R-381<br>OF THE ATTIC ROOF DECK.<br>TABLE VALUE REQUIRED EXCEPT FO<br>C-19 FIBERGLASS BATTS COMPRESS<br>AND INSTALLED IN A 2X4 WALL IS T<br>ASSEMENT WALL MEETING THE MININ<br>SEMENT WALL MEETING THE MININ<br>ALL SPACE / 1500 = 17.76 S(<br>LATION REQ'D / 0.45 SQ.F<br>ILATION REQ'D / 0.45 SQ.F<br>ATTIATION AT ALL POINTS AND TO PRI-<br>TILATION OPENINGS MAY BE REDUCC<br>E REQUIRED OPENINGS ARE PLACE<br>HE INSTALLATION OF OPERABLE LOU<br>SHALL BE WITHIN 3 FEET OF EACH CC<br>THE CRAWL SPACE IS BUILT ON A S  | IING.<br>ALUE APPLIES WHEN MORE TH<br>SECTION N1102.3.3. A MAXIMUT<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3. A MAXIMUT<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3. A MAXIMUT<br>FOR MINIMUM CODE COMPLIA<br>THE CELLING INSULATION REC<br>INSULATION IS REQUIRED WHI<br>IR ROOF EDGE WHERE THE SH<br>INOT DEEMED TO COMPLY.<br>MUM MASS WALL SPECIFIC HE<br>CONTO COMPLY.<br>MUM MASS WALL SPECIFIC HE<br>COR-<br>Q. FT. OF REQ'D VEN<br>FT. PER VENT = 40<br>-OR-<br>Q. FT. OF REQ'D VEN<br>FT. PER VENT = 4 VE<br>HOWEVER VENTS SHALL BE P<br>EVENT DEAD AIR POCKETS.<br>ED TO 1/1500 OF THE CRAWL S<br>ED SO AS TO PROVIDE CROSS<br>JVERS SHALL NOT BE PROHIBI<br>SORRER OF THE BUILDING. TO I<br>SLOPED SITE, THE UPHILL FOU   | AAN HALF THE INSULATION IS<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>M OF TWO GLAZED FENESTR<br>TT FENESTRATION PRODUC<br>JUIREMENT WHEREVER THE<br>RE ADEQUATE CLEARANCE<br>VACE IS LIMITED BY THE PITC<br>NAL 2 × 6 FRAMING CAVITY IS<br>AT CONTENT REQUIREMENT<br>VENTS REQ'D1<br>ITILATION WITH CR<br>INTS REQ'D1<br>ITILATION WITH CR<br>INTS REQ'D2<br>LACED TO<br>SPACE<br>VENTILATION<br>TED.<br>PREVENT<br>NDATION   | ATION PRODUCT ASSEMB<br>T ASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>IT ASSEMBLIES WITHOUT F<br>T ASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>EXISTS OR INSULATION M<br>CH OF THE ROOF; THERE T<br>S DEEMED TO COMPLY. FII<br>MAY USE THE MASS WALL<br>T CROSS VENTILA | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BULES HAVING A SHGC NO (<br>PENALTY.<br>PRESSED R:30 INSULATION<br>MUST EXTEND TO EITHER T<br>THE INSULATION MUST FILL<br>BERGLASS BATTS RATED F<br>L R-VALUE AS THE MINIMUM | GREATER THAN 0.70 SHA<br>I EXTENDS OVER THE W.<br>HE INSULATION BAFFLE<br>THE SPACE UP TO THE<br>8-19 OR HIGHER COMPRI | LL BE_<br>ALL TOP PLATE<br>OR WITHIN 1 INCH<br>AIR BAFFLE. |                |                          |   | NO SCALE                           |
| d<br>e<br>f,<br>g<br>h<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i | SHEATHING. 115+3* MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>PERMITTED TO BE SUBSTITUTED I<br>PERMITTED TO BE SUBSTITUTED I<br>PERMITTED TO BE SUBSTITUTED I<br>AT THE EAVES. OTHERWISE R-38 I<br>OF THE ATTIC ROOP DECK.<br>TALLE VALUE REQUIRED EXCEPT FO<br>R-19 FIBERGLASS BATTS COMPRESS<br>AND INSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARISON OF DECK.<br>ADDINSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>ASSEMENT WALL MEETING THE MINIM<br>COMPARISON OF DECK.<br>ADDINSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARISON OF DECK.<br>ADDINSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARISON OF DECK.<br>ADDINSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARISON OF DECK.<br>ADDINSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARISON OF DECK.<br>ADDINSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARISON OF DECK.<br>ADDINSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARISON OF DECK.<br>ADDINSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARISON OF DECK.<br>ADDINSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARISON OF DECK.<br>ADDINSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARISON OF DECK.<br>ADDINSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARISON OF DECK.<br>ADDINSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARISON OF DECK.<br>ADDINSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARISON OF DECK.<br>ADDINSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIMAL AND IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIMAL AND IN A 1400000000000000000000000000000000000   | IING.<br>ALUE APPLIES WHEN MORE TH<br>SECTION N1102.3.3, A MAXIMUT<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMUT<br>FOR MINIMUM CODE COMPLIA<br>THE CEILING INSULATION REC<br>INSULATION IS REQUIRED WHI<br>R ROOF EDGE WHERE THE SF<br>ED AND INSTALLED IN A NOMI<br>R ROOF EDGE WHERE THE SF<br>ED AND INSTALLED IN A NOMI<br>NOT DEEMED TO COMPLY.<br>MUM MASS WALL SPECIFIC HE<br>AND TO TECHED TO COMPLY.<br>MUM MASS WALL SPECIFIC HE<br>COR-<br>Q. FT. OF REQ'D VEN<br>FT. PER VENT = 4 VEN<br>TO PER VENT = 4 VEN<br>HOWEVER VENTS SHALL BE P<br>EVENT DEAD AIR POCKETS.<br>ED TO 1/1500 OF THE CRAVLES<br>DS OA ST O PROVIDE CROSS<br>JVERS SHALL NOT BE PROHIBI<br>ORNER OF THE BUILDING. TO I<br>SO. VENT DAMS SHALL BE PROVIDE<br>SO. VENT DAMS SHALL BE PROVIDE CROSS<br>JVERS SHALL NOT BE PROHIBI<br>ORNER OF THE UPINIL FOU  | IAN HALF THE INSULATION IS<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>M OF TWO GLAZED FENESTR<br>TT FENESTRATION PRODUC<br>JUREMENT WHEREVER THE<br>RE ADEQUATE OLEARANCE<br>VACE IS LIMITED BY THE PITC<br>NAL 2 × 6 FRAMING CAVITY IS<br>AT CONTENT REQUIREMENT<br>ITILATION WITHOUT<br>VENTS REQ'D1<br>ITILATION WITH CR<br>INTS REQ'D2<br>LACED TO<br>SPACE<br>VENTILATION<br>TED.<br>"REVENT<br>INDATION<br>DVIDED  | ATION PRODUCT ASSEMB<br>T ASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>IT ASSEMBLIES WITHOUT F<br>T ASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>EXISTS OR INSULATION M<br>CH OF THE ROOF; THERE T<br>S DEEMED TO COMPLY. FII<br>MAY USE THE MASS WALL<br>T CROSS VENTILA | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BULES HAVING A SHGC NO (<br>PENALTY.<br>PRESSED R:30 INSULATION<br>MUST EXTEND TO EITHER T<br>THE INSULATION MUST FILL<br>BERGLASS BATTS RATED F<br>L R-VALUE AS THE MINIMUM | GREATER THAN 0.70 SHA<br>I EXTENDS OVER THE W.<br>HE INSULATION BAFFLE<br>THE SPACE UP TO THE<br>8-19 OR HIGHER COMPRI | LL BE_<br>ALL TOP PLATE<br>OR WITHIN 1 INCH<br>AIR BAFFLE. |                |                          |   |                                    |
| d<br>e<br>f,<br>g<br>h<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i                          | SHEATHING. '15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>PERMITTED TO BE SUBSTITUTED I<br>PERMITTED TO BE SUBSTITUTED I<br>AT THE EAVES. OTHERWISE R-38 I<br>OF THE ATTIC ROOD DECK.<br>TALLED VALUE REQUIRED EXCEPT FO<br>R-19 FIBERGLASS BATTS COMPRESS<br>AND INSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARIANCE IN A 2X4 WALL IS I<br>MADEL VALUE REQUIRED EXCEPT FO<br>R-19 FIBERGLASS BATTS COMPRESS<br>AND INSTALLED IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARIANCE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARIANCE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARIANCE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARIANCE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARIANCE IN A 2X4 WALL IS I<br>MASEMENT WALL MEETING THE MINIM<br>COMPARIANCE IN A 2X4 WALL IS I<br>MADE VALUE STATUS ON A 2X4 WALL IS I<br>MADE VALUE STATUS ON A 2X4 WALL IS I<br>MADE VALUE IN A 2X4 WALL IS I<br>MADE VALUE STATUS ON A 2X4 WALL IS I<br>MADE VALUE STATUS ON A 2X4 WALL IS I<br>MADE VALUE ON A 2X4 WALL IS I<br>MADE VALUE IN A 2X4 WALL IS I<br>MADE VALUE STATUS ON A 2X4 WALL IS I<br>MADE VALUE IN A 1 A 1 POINTS AND TO PREINE<br>MADE VALUE IN A 1 A 1 POINTS AND TO PREINE<br>MADE VA | IING.<br>ALUE APPLIES WHEN MORE TI<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>INSULATION IS REQUIRED WHI<br>R ROOF EDGE WHERE THE SF<br>AND INSTALLED IN A NOMI<br>NOT DEEMED TO COMPLY.<br>MUM MASS WALL SPECIFIC HE<br>COR-<br>Q. FT. OF REQ'D VEN<br>.FT. PER VENT = 40<br>-OR-<br>Q. FT. OF REQ'D VEN<br>T. PER VENT = 4 VE<br>HOWEVER VENTS SHALL BE PE<br>VENT DEAD AIR POCKETS.<br>ED TO 1/1500 OF THE CRAWLS<br>ED SO AS TO PROVIDE CROSS<br>ED SO AS TO PROVIDE CROSS<br>ED SO AS TO PROVIDE CROSS<br>STHAN 4 INCHES ABOVE TI<br>COUND VAPOR RETARDERS.   | AN HALF THE INSULATION I:<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>M OF TWO GLAZED FENESTR<br>THE FENESTRATION PRODUC<br>JUREMENT WHEREVER THE<br>FRE ADEQUATE CLEARANCE<br>VACE IS LIMITED BY THE PITC<br>NAL 2 × 6 FRAMING CAVITY IS<br>AT CONTENT REQUIREMENT<br>AT CONTENT REQUIREMENT<br>ITILATION WITHOUT<br>VENTS REQ'D1<br>ITILATION WITH CR<br>INTS REQ'D2<br>LACED TO<br>SPACE<br>VENTILATION<br>REVENT<br>NDATION<br>DVIDED<br>HE FINISHED  | ATION PRODUCT ASSEMB<br>T ASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>IT ASSEMBLIES WITHOUT F<br>T ASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>EXISTS OR INSULATION M<br>CH OF THE ROOF; THERE T<br>S DEEMED TO COMPLY. FII<br>MAY USE THE MASS WALL<br>T CROSS VENTILA | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BULES HAVING A SHGC NO (<br>PENALTY.<br>PRESSED R:30 INSULATION<br>MUST EXTEND TO EITHER T<br>THE INSULATION MUST FILL<br>BERGLASS BATTS RATED F<br>L R-VALUE AS THE MINIMUM | GREATER THAN 0.70 SHA<br>I EXTENDS OVER THE W.<br>HE INSULATION BAFFLE<br>THE SPACE UP TO THE<br>8-19 OR HIGHER COMPRI | LL BE_<br>ALL TOP PLATE<br>OR WITHIN 1 INCH<br>AIR BAFFLE. |                |                          |   |                                    |
| d<br>f,<br>g<br>h<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.                                    | SHEATHING. 15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>PERMITTED TO BE SUBSTITUTED I<br>PERMITTED TO BE SUBSTITUTED<br>PERMITTED TO BE SUBSTITUTED<br>PERMITTED TO BE SUBSTITUTED<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED<br>IN ADDITION TO THE EXEMPTION IN S<br>IN ADDITION TO THE EXEMPTION IN S<br>IN ADDITION OF BECK<br>IN ADDITION OF ADDITION ADDITION AND IN<br>ALL SPACE / 1500 = 17.76 SQ<br>ILLATION REQ'D / 0.45 SQ.FF<br>ILLATION REQ'D / 0.45 SQ.FF<br>ILLATION AT ALL POINTS AND TO PRE<br>ILLATION OPENINGS MAY BE REDUCC<br>IN THE GRAWL SPACE IS BUILT ON A S<br>ILLATION OPENINGS MAY BE RELOCD<br>HE INSTALLATION OF OPERABLE LOU<br>SHALL BE WITHIN 3 FEET OF EACH CC<br>IN THE CRAWL SPACE IS BUILT ON A S<br>INFOLVENTION TWALL VENT OPENING<br>HE FOUNDATION VENT OPENING IS L   | IING.<br>ALUE APPLIES WHEN MORE TI<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>INSULATION IS REQUIRED WHI<br>R ROOF EDGE WHERE THE SF<br>AND INSTALLED IN A NOMI<br>NOT DEEMED TO COMPLY.<br>MUM MASS WALL SPECIFIC HE<br>COR-<br>Q. FT. OF REQ'D VEN<br>.FT. PER VENT = 40<br>-OR-<br>Q. FT. OF REQ'D VEN<br>T. PER VENT = 4 VE<br>HOWEVER VENTS SHALL BE PE<br>VENT DEAD AIR POCKETS.<br>ED TO 1/1500 OF THE CRAWLS<br>ED SO AS TO PROVIDE CROSS<br>ED SO AS TO PROVIDE CROSS<br>ED SO AS TO PROVIDE CROSS<br>STHAN 4 INCHES ABOVE TI<br>COUND VAPOR RETARDERS.   | AN HALF THE INSULATION I:<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>M OF TWO GLAZED FENESTR<br>THE FENESTRATION PRODUC<br>JUREMENT WHEREVER THE<br>FRE ADEQUATE CLEARANCE<br>VACE IS LIMITED BY THE PITC<br>NAL 2 × 6 FRAMING CAVITY IS<br>AT CONTENT REQUIREMENT<br>AT CONTENT REQUIREMENT<br>ITILATION WITHOUT<br>VENTS REQ'D1<br>ITILATION WITH CR<br>INTS REQ'D2<br>LACED TO<br>SPACE<br>VENTILATION<br>REVENT<br>NDATION<br>DVIDED<br>HE FINISHED  | ATION PRODUCT ASSEMB<br>T ASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>IT ASSEMBLIES WITHOUT F<br>T ASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>EXISTS OR INSULATION M<br>CH OF THE ROOF; THERE T<br>S DEEMED TO COMPLY. FII<br>MAY USE THE MASS WALL<br>T CROSS VENTILA | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BULES HAVING A SHGC NO (<br>PENALTY.<br>PRESSED R:30 INSULATION<br>MUST EXTEND TO EITHER T<br>THE INSULATION MUST FILL<br>BERGLASS BATTS RATED F<br>L R-VALUE AS THE MINIMUM | GREATER THAN 0.70 SHA<br>I EXTENDS OVER THE W.<br>HE INSULATION BAFFLE<br>THE SPACE UP TO THE<br>8-19 OR HIGHER COMPRI | LL BE_<br>ALL TOP PLATE<br>OR WITHIN 1 INCH<br>AIR BAFFLE. |                |                          |   |                                    |
| d<br>e<br>f,<br>g<br>h<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.                               | SHEATHING. '15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>R-30 SHALL BE DEEMED TO SATISFY<br>AT THE EAVES. OTHERWISE R-381<br>OF THE ATTIC ROOF DECK.<br>TABLE VALUE REQUIRED EXCEPT FO<br>C-19 FIBERGLASS BATTS COMPRESS<br>AND INSTALLED IN A 2X4 WALL IS I<br>ASSEMENT WALL MEETING THE MININ<br>ASSEMENT WALL MEETING THE MININ<br>ALL SPACE / 1500 = 17.76 SQ<br>ILLATION REQ'D / 0.45 SQ. F<br>ILLATION REQ'D / 0.45 SQ. F<br>ATTINATION OPENINGS SHOWN ON PLAN, I<br>TILATION AT ALL POINTS AND TO PRI-<br>TILATION OPENINGS SHOWN ON PLAN, I<br>TILATION OPENINGS MAY BE REDUCI<br>E REQUIRED OPENINGS ARE PLACE<br>HE INSTALLATION OF OPERABLE LOU<br>SHALL BE WITHIN 3 FEET OF EACH CC<br>VTHE CRAWL SPACE IS BUILT ON A S<br>CTED WITHOUT WALL VENT OPENING IS L<br>ACES REQUIRE FULL COVERAGE GR<br>CRAWL SPACE VEN   | IING.<br>ALUE APPLIES WHEN MORE TH<br>SECTION N1102.3.3. A MAXIMUL<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3. A MAXIMUL<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3. A MAXIMUL<br>FOR MINIMUM CODE COMPLIA<br>INSULATION IS REQUIRED WHI<br>IR ROOF EDGE WHERE THE SF<br>INSULATION IS REQUIRED WHI<br>IR ROOF EDGE WHERE THE SF<br>INSULATION IS REQUIRED WHI<br>IR ROOF EDGE WHERE THE SF<br>INSULATION IS REQUIRED WHI<br>INSULATION CONFUL<br>ED TO 1/1500 OF THE CRAWL S<br>ED TO 1/1500 OF THE CRAWL S<br>ED TO 1/1500 OF THE CRAWL S<br>ED SO AS TO PROVIDE CROSS<br>IVERS SHALL NOF THE UPHILL FOU<br>GS. VENT DAMS SHALL BE PR<br>CLESS THAN 4 INCHES ABOVE TI<br>COUND VAPOR RETARDERS.<br>ITILATION CALCO   | AN HALF THE INSULATION I:<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>M OF TWO GLAZED FENESTR<br>THE FENESTRATION PRODUC<br>JUREMENT WHEREVER THE<br>FRE ADEQUATE CLEARANCE<br>VACE IS LIMITED BY THE PITC<br>NAL 2 × 6 FRAMING CAVITY IS<br>AT CONTENT REQUIREMENT<br>AT CONTENT REQUIREMENT<br>ITILATION WITHOUT<br>VENTS REQ'D1<br>ITILATION WITH CR<br>INTS REQ'D2<br>LACED TO<br>SPACE<br>VENTILATION<br>REVENT<br>NDATION<br>DVIDED<br>HE FINISHED  | ATION PRODUCT ASSEMB<br>T ASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>IT ASSEMBLIES WITHOUT F<br>T ASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>EXISTS OR INSULATION M<br>CH OF THE ROOF; THERE T<br>S DEEMED TO COMPLY. FII<br>MAY USE THE MASS WALL<br>T CROSS VENTILA | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BULES HAVING A SHGC NO (<br>PENALTY.<br>PRESSED R:30 INSULATION<br>MUST EXTEND TO EITHER T<br>THE INSULATION MUST FILL<br>BERGLASS BATTS RATED F<br>L R-VALUE AS THE MINIMUM | GREATER THAN 0.70 SHA<br>I EXTENDS OVER THE W.<br>HE INSULATION BAFFLE<br>THE SPACE UP TO THE<br>8-19 OR HIGHER COMPRI | LL BE_<br>ALL TOP PLATE<br>OR WITHIN 1 INCH<br>AIR BAFFLE_ |                |                          |   |                                    |
| d<br>e<br>f,<br>g<br>h<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.                               | SHEATHING. '15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>PERMITTED TO BE SUBSTITUTED I<br>PERMITTED TO BE SUBSTITUTED I<br>PERMITTED TO BE SUBSTITUTED I<br>AT THE EAVES. OTHERWISE R-381<br>OF THE ATTIC ROOF DECK.<br>TABLE VALUE REQUIRED EXCEPT FO<br>R-19 FIBERGLASS BATTS COMPRESS<br>AND INSTALLED IN A 2X4 WALL IS I<br>ASSEMENT WALL REETING THE MININ<br>ASSEMENT WALL MEETING THE MININ<br>ASSEMENT WALL MEETING THE MININ<br>ASSEMENT WALL MEETING THE MININ<br>ASSEMENT WALL POINTS AND TO PRE<br>TILATION REQ'D / 0.45 SQ.<br>FULATION REQ'D / 0.45 SQ.<br>AND INSTALLED IN A 2X4 WALL IS I<br>ASSEMENT WALL MEETING THE MININ<br>ASSEMENT WALL MEETING THE MININ<br>ASSEMENT WALL POINTS AND TO PRE<br>TILATION AT ALL POINTS AND TO PRE<br>HINSTALLATION OF POFRABLE LOU<br>SHALL BE WITHIN 3 FEET OF EACH CC<br>I THE CAWL SPACE IS BUILT ON A S<br>CIED WITHOUT WALL VENT OPENING IS L<br>ACES REQUIRE FULL COVERAGE GR<br>CRAWL SPACE VEN<br>DO = SQ. FT. INLETS/OU<br>I VENTILATORS USED AT LEAST 3-0".  | IING.<br>ALUE APPLIES WHEN MORE TI<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>INTELECTING INSULATION REC<br>INSULATION IS REQUIRED WHI<br>R ROOF EDGE WHERE THE SF<br>ED AND INSTALLED IN A NOMI<br>NOT DEEMED TO COMPLY.<br>MUM MASS WALL SPECIFIC HE<br>Q. FT. OF REQ'D VEN<br>.FT. PER VENT = 40<br>-OR-<br>Q. FT. OF REQ'D VEN<br>T. PER VENT = 40 VEN<br>T. PER VENT = 40 VEN<br>T. PER VENT = 4 VEN<br>HOWEVER VENTS SHALL BE P<br>EVENT DEAD AIR POCKETS.<br>ED TO 1/1500 OF THE CRAWLS<br>ED TO 1/1500 OF THE CRAWLS<br>ED SO AS TO PROVIDE CROSS<br>ED SS THAN 4 INCHES ABOVE TI<br>COUND VAPOR RETARDERS.<br>ITILATION CALC   | AN HALF THE INSULATION I:<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>M OF TWO GLAZED FENESTR<br>THE FENESTRATION PRODUC<br>JUREMENT WHEREVER THE<br>FRE ADEQUATE CLEARANCE<br>VACE IS LIMITED BY THE PITC<br>NAL 2 × 6 FRAMING CAVITY IS<br>AT CONTENT REQUIREMENT<br>AT CONTENT REQUIREMENT<br>ITILATION WITHOUT<br>VENTS REQ'D1<br>ITILATION WITH CR<br>INTS REQ'D2<br>LACED TO<br>SPACE<br>VENTILATION<br>REVENT<br>NDATION<br>DVIDED<br>HE FINISHED  | ATION PRODUCT ASSEMB<br>T ASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>IT ASSEMBLIES WITHOUT F<br>T ASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>EXISTS OR INSULATION M<br>CH OF THE ROOF; THERE T<br>S DEEMED TO COMPLY. FII<br>MAY USE THE MASS WALL<br>T CROSS VENTILA | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BULES HAVING A SHGC NO (<br>PENALTY.<br>PRESSED R:30 INSULATION<br>MUST EXTEND TO EITHER T<br>THE INSULATION MUST FILL<br>BERGLASS BATTS RATED F<br>L R-VALUE AS THE MINIMUM | GREATER THAN 0.70 SHA<br>I EXTENDS OVER THE W.<br>HE INSULATION BAFFLE<br>THE SPACE UP TO THE<br>8-19 OR HIGHER COMPRI | LL BE_<br>ALL TOP PLATE<br>OR WITHIN 1 INCH<br>AIR BAFFLE_ | 8"X1           |                          |   |                                    |
| d<br>e<br>f,<br>g<br>h<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.<br>i.                               | SHEATHING. '15+3' MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>PERMITTED TO BE SUBSTITUTED I<br>R-30 SHALL BE DEEMED TO SATISFY<br>AT THE EAVES. OTHERWISE R-381<br>OF THE ATTIC ROOF DECK.<br>TABLE VALUE REQUIRED EXCEPT FO<br>C-19 FIBERGLASS BATTS COMPRESS<br>AND INSTALLED IN A 2X4 WALL IS T<br>ASSEMENT WALL MEETING THE MININ<br>ASSEMENT WALL MEETING THE MININ<br>ASSEMENT WALL POINTS AND TO PRI<br>ATTION REQ'D / 0.45 SQ. F<br>ILATION REQ'D / 0.45 SQ. F<br>RRY FROM THOSE SHOWN ON PLAN, I<br>TILATION AT ALL POINTS AND TO PRI<br>ATTILATION OPENINGS MAY BE REDUCT<br>HE REQUIRED OPENINGS ARE PLACE<br>HE INSTALLATION OF OPERABLE LOU<br>SHALL BE WITHIN 3 FEET OF EACH CO<br>SHALL BE WITHIN 3 FEET OF EACH CO<br>SHALL BE WITHIN STELT OF PRINCIPAL OF PRINCE<br>ACCES REQUIRE FULL COVERAGE GR<br>CRAWL SPACE IS BUILT ON A S<br>CREAVEL SPACE VEN  | IING.<br>ALUE APPLIES WHEN MORE TI<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3, A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>INTELECTING INSULATION REC<br>INSULATION IS REQUIRED WHI<br>R ROOF EDGE WHERE THE SF<br>ED AND INSTALLED IN A NOMI<br>NOT DEEMED TO COMPLY.<br>MUM MASS WALL SPECIFIC HE<br>Q. FT. OF REQ'D VEN<br>.FT. PER VENT = 40<br>-OR-<br>Q. FT. OF REQ'D VEN<br>FT. PER VENT = 40 VEN<br>TOR-<br>Q. FT. OF REQ'D VEN<br>.FT. PER VENT = 40 VEN<br>ST. PER VENT SHALL BE PE<br>VENT DEAD AIR POCKETS.<br>ED TO 1/1500 OF THE CRAWLS<br>ED TO 1/1500 OF THE CRAWLS<br>ED SO AS TO PROVIDE CROSS<br>ED SO AS TO PROVIDE CROSS<br>SO. VENT DAMS SHALL BE PROHIBI<br>DRNER OF THE BUILDING. TO I<br>SLOPED SITE, THE UPHILL FOOL<br>SOLVENT DAMS SHALL BE PROHIBI<br>DRNER OF THE BUILDING. TO I<br>SLOPED SITE, THE UPHILL FOOL<br>COLOR SHALL BE PROHIBI<br>DRNER OF THE BUILDING. TO I<br>SLOPED SITE, THE UPHILL FOOL<br>COLOR SHALL BE PROHIBI<br>TOUND VAPOR RETARDERS.<br>ITTLEATION CALCO<br>ITLETS REQUIRED<br>ABOVE<br>OVIDED  | AN HALF THE INSULATION I:<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>M OF TWO GLAZED FENESTR<br>THE FENESTRATION PRODUC<br>JUREMENT WHEREVER THE<br>FRE ADEQUATE CLEARANCE<br>VACE IS LIMITED BY THE PITC<br>NAL 2 × 6 FRAMING CAVITY IS<br>AT CONTENT REQUIREMENT<br>AT CONTENT REQUIREMENT<br>ITILATION WITHOUT<br>VENTS REQ'D1<br>ITILATION WITH CR<br>INTS REQ'D2<br>LACED TO<br>SPACE<br>VENTILATION<br>REVENT<br>NDATION<br>DVIDED<br>HE FINISHED  | ATION PRODUCT ASSEMB<br>T ASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>IT ASSEMBLIES WITHOUT F<br>T ASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>EXISTS OR INSULATION M<br>CH OF THE ROOF; THERE T<br>S DEEMED TO COMPLY. FII<br>MAY USE THE MASS WALL<br>T CROSS VENTILA | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BULES HAVING A SHGC NO (<br>PENALTY.<br>PRESSED R:30 INSULATION<br>MUST EXTEND TO EITHER T<br>THE INSULATION MUST FILL<br>BERGLASS BATTS RATED F<br>L R-VALUE AS THE MINIMUM | GREATER THAN 0.70 SHA<br>I EXTENDS OVER THE W.<br>HE INSULATION BAFFLE<br>THE SPACE UP TO THE<br>8-19 OR HIGHER COMPRI | LL BE_<br>ALL TOP PLATE<br>OR WITHIN 1 INCH<br>AIR BAFFLE_ | 8"X1           | PER PLAN                 |   |                                    |
| d<br>e<br>f,<br>g<br>h<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i<br>i                          | SHEATHING. '15+3" MEANS R-15<br>INSULATING SHEATHING IS NOT<br>OF THE EXTERIOR, SHALL BE SU<br>INSULATION PLUS R-2.5 SHEATH<br>FOR MASS WALLS, THE SECOND R-V/<br>IN ADDITION TO THE EXEMPTION IN S<br>PERMITTED TO BE SUBSTITUTED I<br>PERMITTED TO BE SUBSTITUTED I<br>AT THE ATTIC ROOF DECK.<br>TABLE VALUE REQUIRED EXCEPT FO<br>RISTALLED IN A 2X4 WALL IS I<br>ASSEMENT WALL MEETING THE MININ<br>ASSEMENT WALL MEETING THE MININ<br>ASSEMENT WALL MEETING THE MININ<br>FILATION REQ'D / 0.45 SQ.FF<br>ILATION REQ'D / 0.45 SQ.FF<br>ILATION AT ALL POINTS AND TO PRE<br>ILATION AT ALL POINTS AND TO PRE<br>HINSTALLATION OF POFRABLE LOU<br>SHALL BE WITHIN 3 FEET OF EACH CO<br>I THE CAWL SPACE IS BUILT ON A S<br>CIED WITHOUT WALL VENT OPENING IS L<br>ACES REQUIRE FULL COVERAGE GR<br>CRAWL SPACE VEN<br>DO = SQ. FT. INLETS/OU<br>I VENTILATORS USED AT LEAST 3'O''<br>I THE BALANCE OF VENTILATION PRO  | IING.<br>ALUE APPLIES WHEN MORE TH<br>SECTION N1102.3.3. A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3. A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>SECTION N1102.3.3. A MAXIMU<br>FOR MINIMUM CODE COMPLIA<br>INSULATION IS REQUIRED WHI<br>IR ROOF EDGE WHERE THE SF<br>INSULATION IS REQUIRED WHI<br>IR ROOF EDGE WHERE THE SF<br>INSULATION IS REQUIRED WHI<br>IR ROOF EDGE WHERE THE SF<br>INSULATION IS REQUIRED WHI<br>INSULATION IS REQUIRED WHI<br>INSULATION IS REQUIRED WHI<br>INSULATION IS REQUIRED WHI<br>INSULATION IS REQUIRED<br>AND INSTALLED IN A NOMINATION<br>INST DEEMED TO COMPLY.<br>MUM MASS WALL SPECIFIC HE<br>OF COR-<br>Q. FT. OF REQ'D VEN<br>FT. PER VENT = 40 VEN<br>FT. PER VENT = 4 VEN<br>HOWEVER VENTS SHALL BE P<br>EVENT DEAD AIR POCKETS.<br>ED TO 1/1500 OF THE CRAWL S<br>ED SO AS TO PROVIDE CROSS<br>IVERS SHALL NOT BE PROHIBING. TO I<br>SLOPED SITE, THE UPHILL FOU<br>GS. VENT DAMS SHALL BE PR<br>EVENT DEAD AIR POCKETS.<br>ED TO 1/1500 OF THE CRAWL S<br>ED SO AS TO PROVIDE CROSS<br>IVERS SHALL NOT BE PROHIBING. TO I<br>SLOPED SITE, THE UPHILL FOU<br>GS. VENT DAMS SHALL BE PR<br>EVENT DAMS SHALL BE PR<br>ITLLATION CALCO<br>ITLLETS REQUIRED<br>ABOVE<br>OVIDED<br>E BETWEEN | AAN HALF THE INSULATION IS<br>M OF TWO GLAZED FENESTR<br>NT FENESTRATION PRODUC<br>MOFTWO GLAZED FENESTR<br>TT FENESTRATION PRODUC<br>JUREMENT WHEREVER THE<br>RE ADEQUATE CLEARANCE<br>ACE IS LIMITED BY THE PITC<br>NAL 2 × 6 FRAMING CAVITY IS<br>AT CONTENT REQUIREMENT<br>AT CONTENT REQUIREMENT<br>ITILATION WITHOUT<br>VENTS REQ'D1<br>ITILATION WITH CR<br>INTS REQ'D2<br>LACED TO<br>SPACE<br>VENTILATION<br>TED.<br>SPACE<br>VENTILATION<br>MITHOUT<br>SPACE<br>VENTILATION<br>MITHOUT<br>SULATION<br>SULATION<br>ITILATION<br>SULATION | ATION PRODUCT ASSEMB<br>T ASSEMBLIES WITHOUT F<br>RATION PRODUCT ASSEME<br>IT ASSEMBLIES WITHOUT F<br>T ASSEMBLIES WITHOUT F<br>FULL HEIGHT OF UNCOMF<br>EXISTS OR INSULATION M<br>CH OF THE ROOF; THERE T<br>S DEEMED TO COMPLY. FII<br>MAY USE THE MASS WALL<br>T CROSS VENTILA | BLIES HAVING A U-FACTOR I<br>PENALTY.<br>BULES HAVING A SHGC NO (<br>PENALTY.<br>PRESSED R:30 INSULATION<br>MUST EXTEND TO EITHER T<br>THE INSULATION MUST FILL<br>BERGLASS BATTS RATED F<br>L R-VALUE AS THE MINIMUM | GREATER THAN 0.70 SHA<br>I EXTENDS OVER THE W.<br>HE INSULATION BAFFLE<br>THE SPACE UP TO THE<br>8-19 OR HIGHER COMPRI | LL BE_<br>ALL TOP PLATE<br>OR WITHIN 1 INCH<br>AIR BAFFLE_ | 8"X1           | PER PLAN                 |   |                                    |



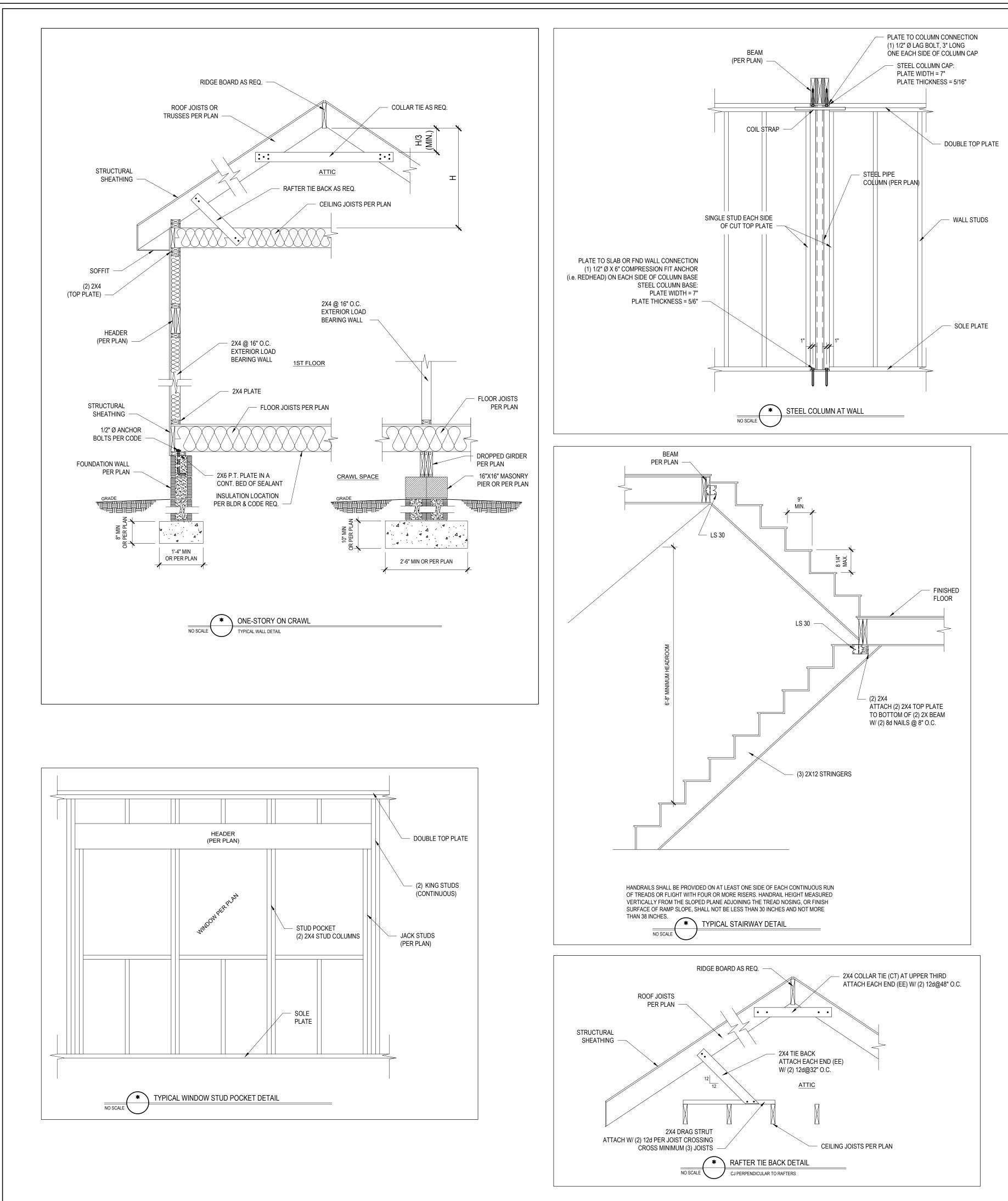


ICAL CROSS BRACING MAY BE PROVIDED IN TWO CULAR DIRECTIONS FOR FREESTANDING DECKS OR PARALLEL CTURE AT THE EXTERIOR COLUMN LINE FOR ATTACHED DECKS. ALL BE ATTACHED TO THE POSTS WITH ONE 5/8°Ø HOT INIZED BOLT AT EACH END OF EACH BRACING MEMBER. PILES IN COASTAL REGIONS, SEE CHAPTER 46.





| *Engineers seal does not include construction<br>means, methods, techniques, sequences,<br>procedures or safety precaution.<br>*Any deviations or discrepancies on plans are<br>to be brought to the immediate attention of<br>Tyndall Engineering & Design, P.A. Failure to<br>do so will void Tyndall Engineering & Design,<br>P.A. liability.<br>*Please review these documents carefully.<br>Tyndall Engineering & Design, P.A. will<br>interpret that all dimensions,<br>recommendations,<br>etc. presented in these documents were<br>deemed acceptable once construction begins. |  |  |  |  |  |
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| TYNDALL<br>ENGINEERING & DESIGN, P.A.   | + 919 778-1200 = # 919 778-1200 = # 919 778-9688<br>250 Shipwesh Orive = Garner = North Garolina = 27529<br>www.tyndallengineering.com |  |  |  |  |
| cient:<br>SANDRA TAYLOR   | Plan:<br>TAYLOR RESIDENCE  |  |  |  |  |
| STANDARD  |  |  |  |  |  |
| Project #:<br>DRB2001-0049<br>Date:<br>01/05/21<br>Drawn/Design By:<br>IJE<br>DWG. Checked By:<br>PAT<br>SEE PLAN   |  |  |  |  |  |
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| *Engineers seal does not include construction<br>means, methods, techniques, sequences,<br>procedures or safety precaution.<br>*Any deviations or discrepancies on plans are<br>to be brought to the immediate attention of<br>Tyndall Engineering & Design, P.A. Failure to<br>do so will void Tyndall Engineering & Design,<br>P.A. liability.<br>*Please review these documents carefully.<br>Tyndall Engineering & Design, P.A. will<br>interpret that all dimensions,<br>recommendations,<br>etc. presented in these documents were<br>decemed acceptable once construction begins. |  |  |  |  |  |
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| TYNDALL<br>ENGINEERING & DESIGN, P.A.  | + 919 778-1200 = # 919 778-126 468<br>250 Shipwesh Drive = Gerner = North Cerolina = 27529<br>www.tyndallengineering.com |  |  |  |  |
| Cient:<br>SANDRA TAYLOR  | Plan:<br>TAYLOR RESIDENCE  |  |  |  |  |
| STANDARD   | IDARD<br>FAILS   |  |  |  |  |
| Project #:<br>DRB2001-0049<br>Date:<br>01/05/21<br>Drawn/Design By:<br>IJE<br>DWG. Checked By:<br>PAT<br>Scale:<br>SEE PLAN<br><u>REVISIONS</u><br>No. Date: Remarks<br>A<br>A<br>Sheet Number<br>D2<br>6 of 7   |  |  |  |  |  |

