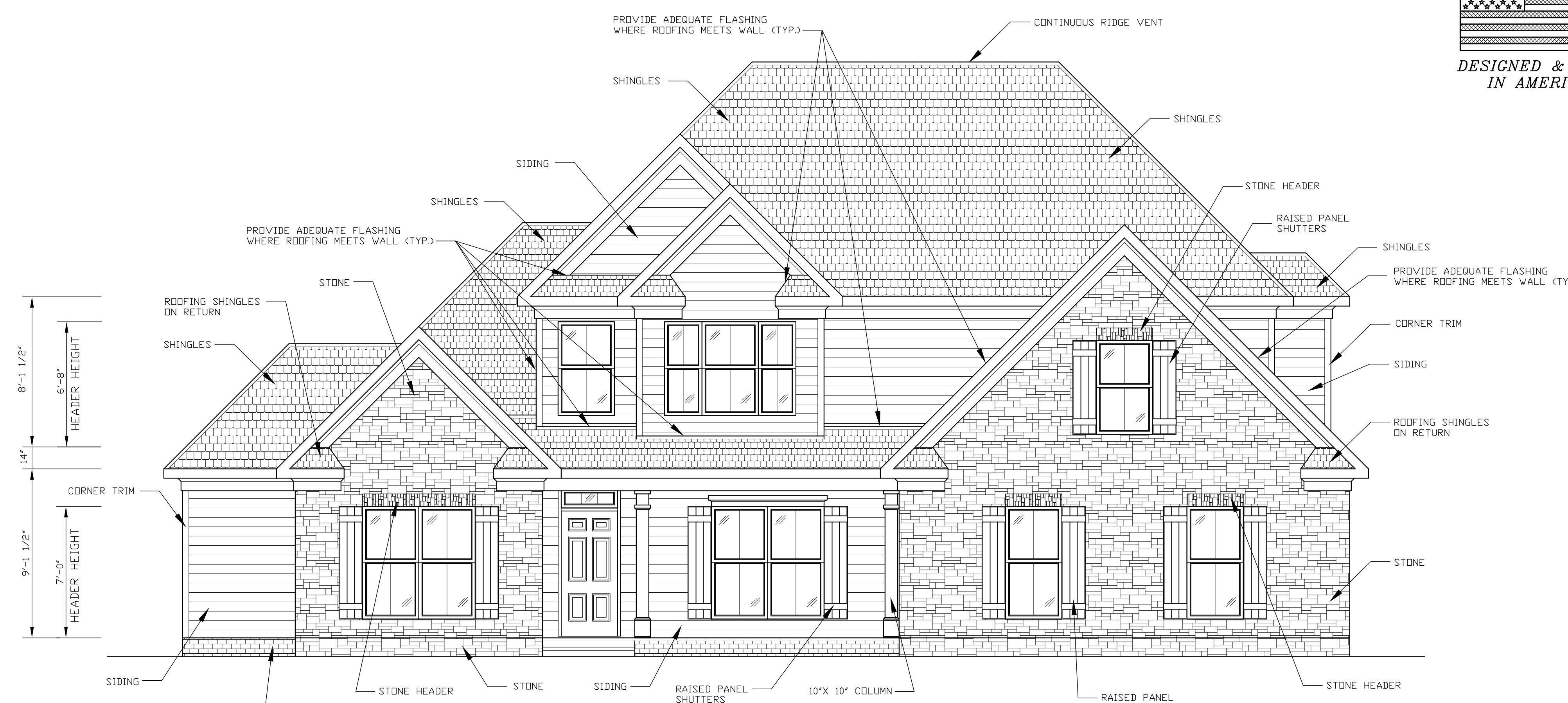


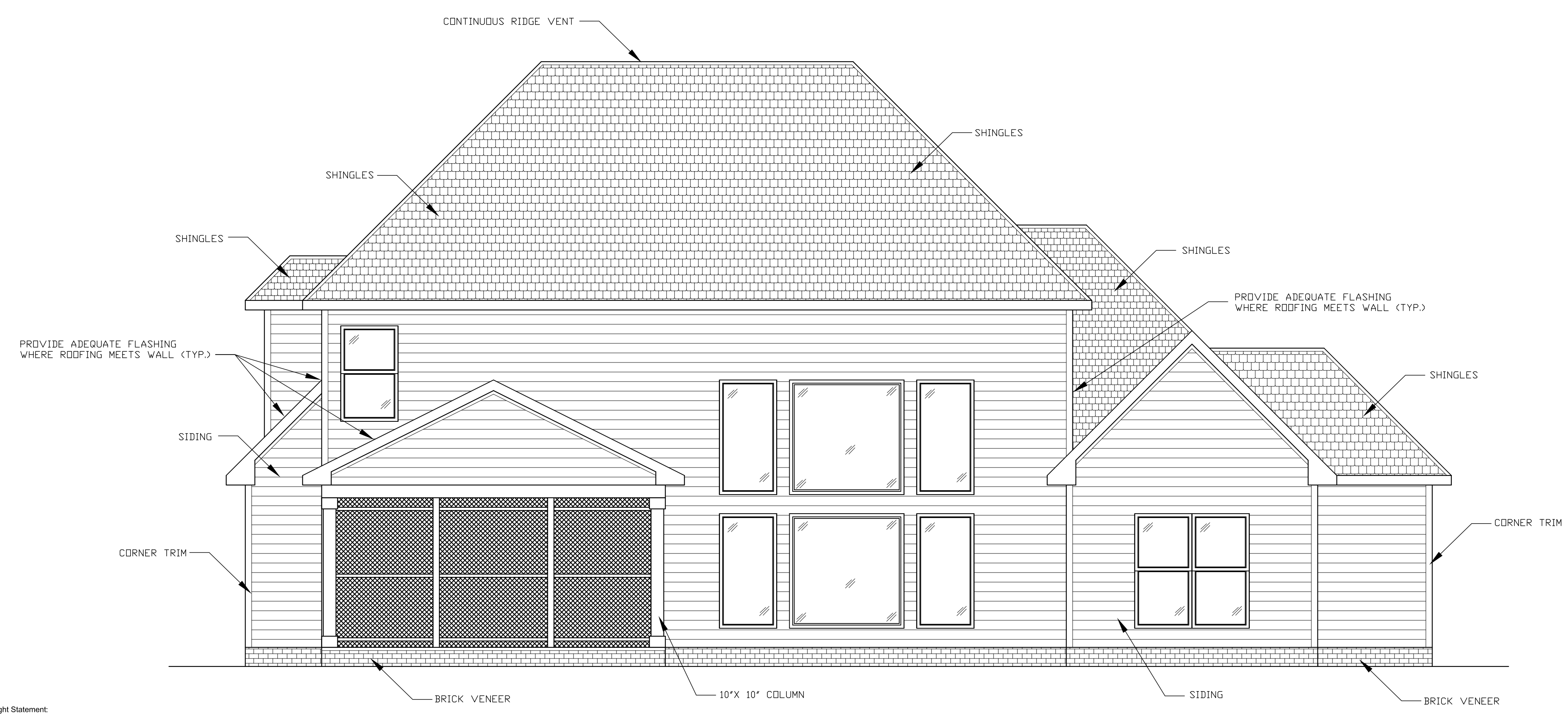
DESIGNED & BUILT  
IN AMERICA



**FRONT ELEVATION**  
SCALE: 1/4" = 1'-0"

NOTE:  
ALL STAIRS, RAILING & HANDRAILS SHALL  
COMPLY WITH STATE & LOCAL CODE.

Designer Liability Limit:  
David A. Wood, Inc. assumes no liability for any home construction from this plan. It is the purchaser's responsibility to verify all dimensions and materials with the contractor. The contractor shall be responsible for obtaining all necessary permits and for compliance with all applicable building codes. Every attempt has been made in the preparation of this drawing to avoid errors and omissions. The owner/contractor agrees to indemnify, save and hold David A. Wood, Inc., its employees, agents and subcontractors harmless from and against all claims, damages, losses and expenses, including reasonable attorney's fees, arising out of or from the construction of the project.  
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**REAR ELEVATION**  
SCALE: 1/4" = 1'-0"

NOTE:  
FLASHING IN CONTACT W/CEMENTITIOUS  
MATERIALS, SHALL BE CORROSION RESISTANT.  
NO ALUMINUM.

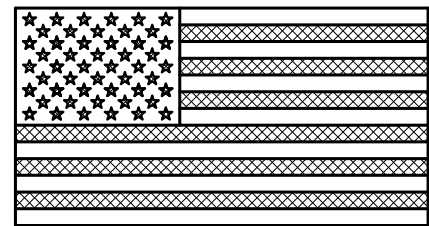
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# THE WATT RESIDENCE

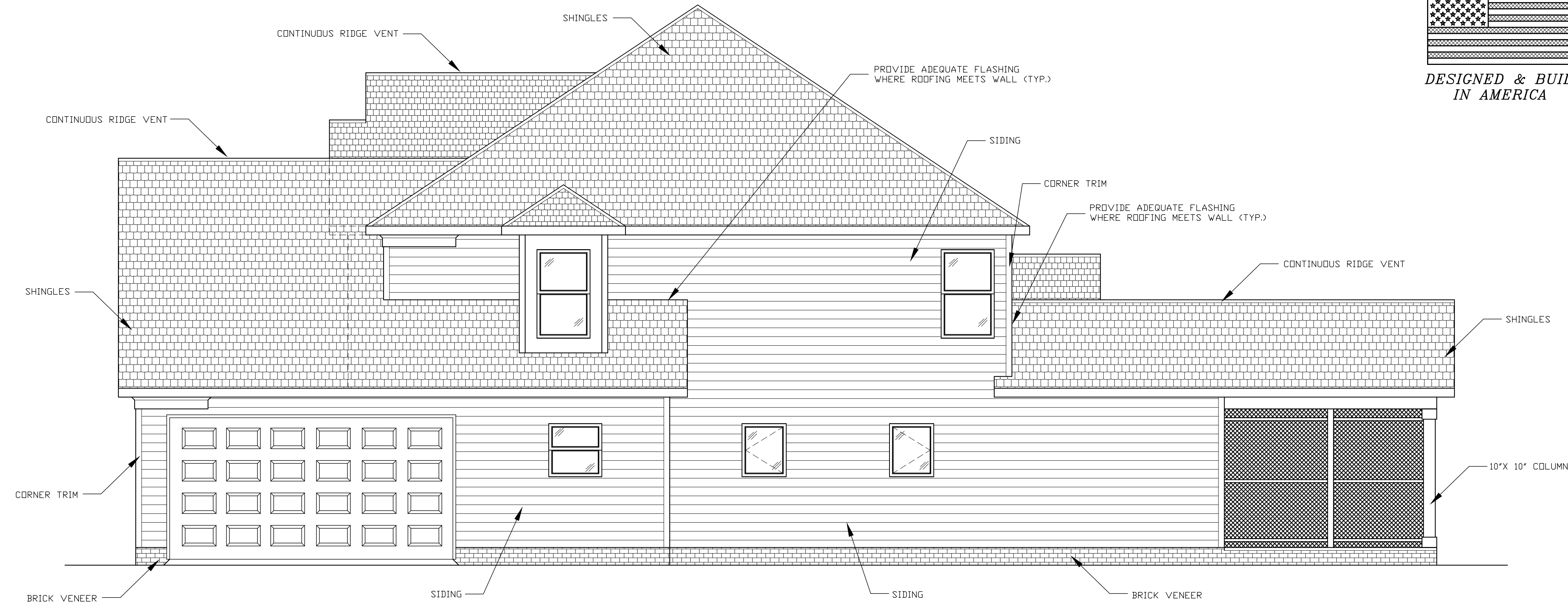
MR. & MRS. DAN & DESTINEY WATT	
NORTH CAROLINA	
SCALE: AS NOTED	DRAWN BY:
DATE: 1/10/22	PLAN # : 2021 054
SIZE: 75'-6"X 62'-2"	ELEVATIONS

NOTE: 11 X 17 COPIES ARE  
NOT TO SCALE.

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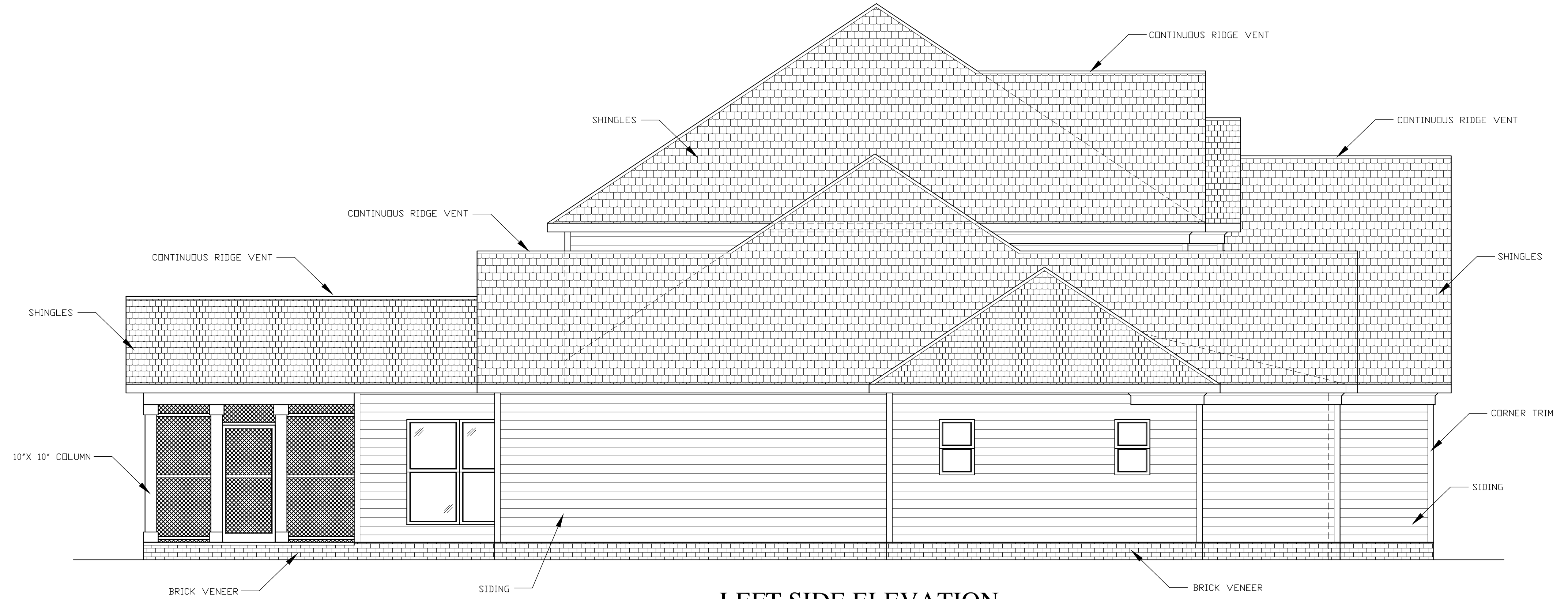
DESIGNED & BUILT  
IN AMERICA



**RIGHT SIDE ELEVATION**  
SCALE: 1/4" = 1'-0"

NOTE:  
ALL STAIRS, RAILING & HANDRAILS SHALL  
COMPLY WITH STATE & LOCAL CODE.

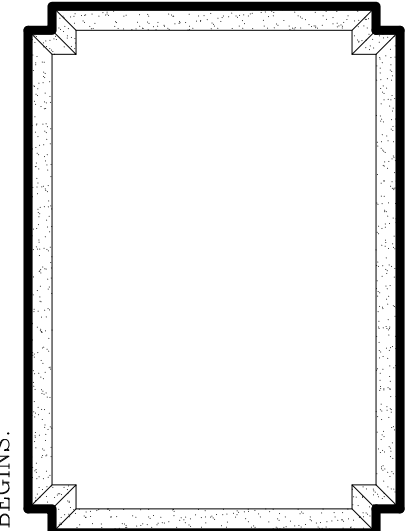
NOTE:  
FLASHING IN CONTACT W/CEMENTITUDS  
MATERIALS, SHALL BE CORROSION RESISTANT.  
NO ALUMINUM.



**LEFT SIDE ELEVATION**  
SCALE: 1/4" = 1'-0"

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**THE WATT  
RESIDENCE**

MR. & MRS. DAN & DESTINEY WATT  
NORTH CAROLINA  
SCALE: AS NOTED  
DATE: 1/10/22  
SIZE: 75'-6" X 62'-2"  
DRAWN BY:  
PLAN # : 2021 054  
ELEVATIONS

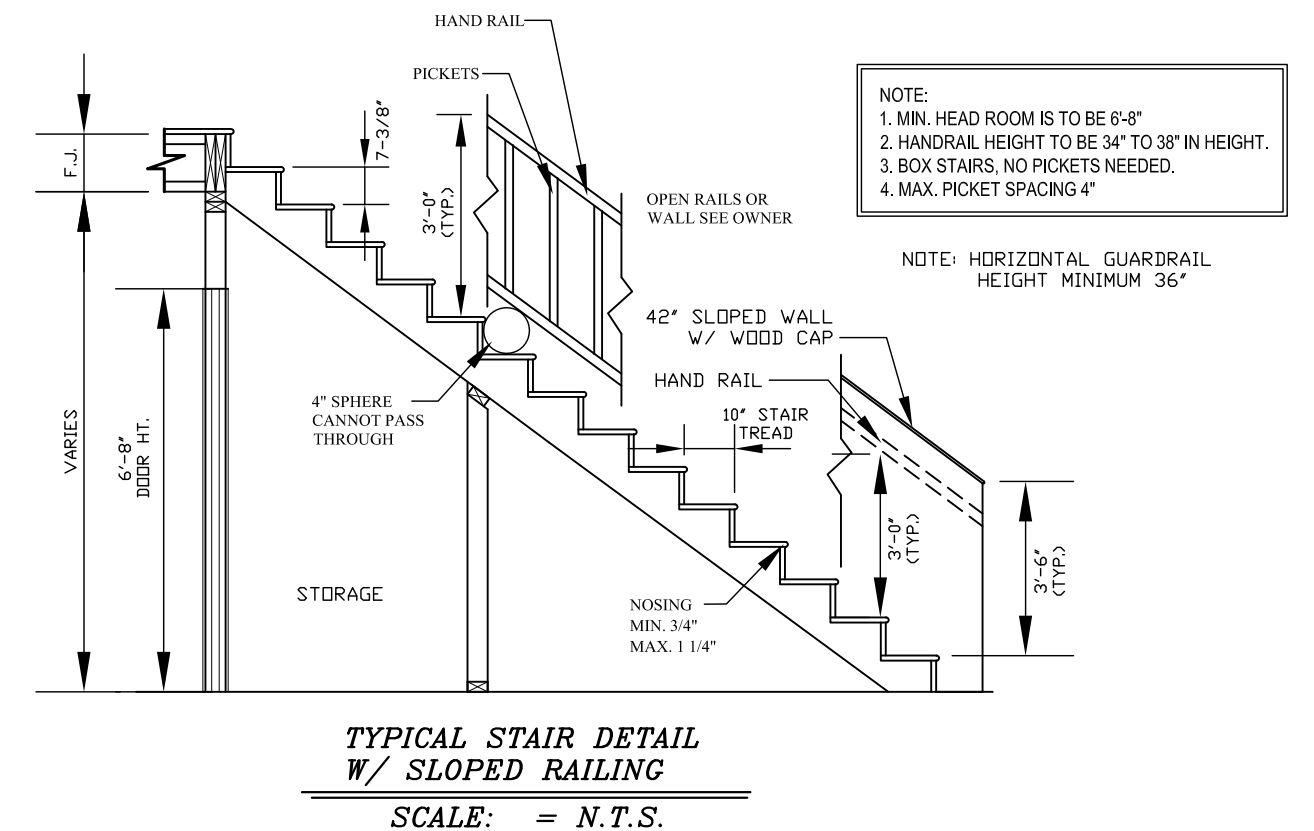
SHEET #  
2 OF 10

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- GENERAL NOTES:**
- DESIGN BASED ON 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE.
  - ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE.
  - RECOMMENDED THAT A DESIGN PROFESSIONAL REVIEW PLANS FOR COMPLIANCE WITH STATE AND LOCAL BUILDING CODE PRIOR TO START OF CONSTRUCTION.
  - CONTRACTOR TO VERIFY ALL DIMENSIONS.
  - DO NOT SCALE DIMENSIONS FROM PROJECT DRAWING. PLANS AND DETAILS ARE NOT ALWAYS DRAWN TO SCALE. USE DIMENSIONS GIVEN OR CONSULT DESIGNER FOR FURTHER CLARIFICATION.
  - ALL INTERIOR LOAD BEARING AND ALL EXTERIOR WALLS SHALL BE CONSTRUCTED USING 2x4 SPRUCE-PINE-FIR #1 STANDARD STUD GRADE OR BETTER AT A MINIMUM SPACING OF 16" O.C. UNLESS OTHERWISE NOTED.
  - ALL INTERIOR WALLS THAT ARE NON LOAD BEARING AND/OR DO NOT SUPPORT FLOORS MAY BE 2x4 SPRUCE-PINE-FIR UTILITY GRADE LUMBER OR BETTER PROVIDED THAT THE STUDS ARE SPACED A MAXIMUM OF 16" O.C. AND DO NOT EXCEED A LATERALLY UNSUPPORTED STUD HEIGHT OF 10 FEET UNLESS OTHERWISE NOTED.
  - WHERE JOISTS, TRUSSES, OR RAFTERS ARE SPACED MORE THAN 16" O.C. AND THE BEARING STUDS BELOW ARE SPACED 24" O.C., SUCH MEMBERS SHALL BEAR WITHIN 5" OF THE STUDS BENEATH. ALTERNATES INCLUDE THE WALL STUDS AND TOP PLATES ARE 2x4 WITH THE PROPER TYPE AND GRADE. A THIRD TOP PLATE IS INSTALLED TO REINFORCE THE DOUBLE TOP PLATE.
  - BUILT-UP BEAMS AND WALL STUDS SHALL BE CONSTRUCTED WITH CONTINUOUS MEMBERS. (NO BUTT JOINTS WITHIN BUILT-UP MEMBER.)
  - ALL EXTERIOR WALL SHEATHING SHALL BE 7/16" OSB.

NOTE:  
ALL STAIRS, RAILING & HANDRAILS SHALL COMPLY WITH STATE & LOCAL CODE.

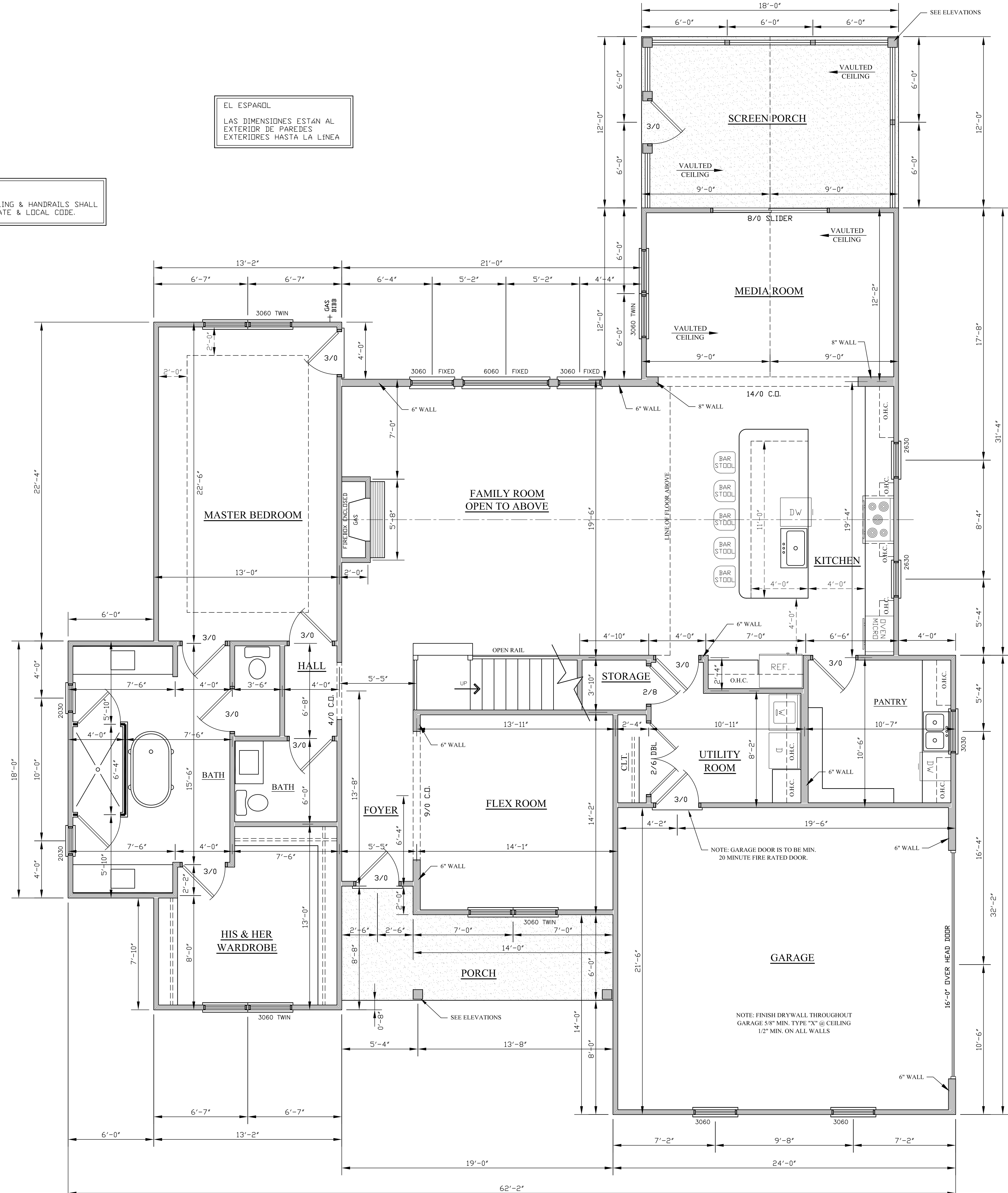
EL ESPAROL  
LAS DIMENSIONES ESTAN AL EXTERIOR DE PAREDES EXTERIORES HASTA LA LINEA



NOTE:  
ALL ANGLES ARE 45° UNLESS OTHERWISE NOTED.

- GENERAL NOTES FOR PLAN:**
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  - ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH 2018 NORTH CAROLINA RESIDENTIAL CODE AND LOCAL BUILDING CODES. CONSTRUCTION PROJECTS IN SOUTH CAROLINA SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL RESIDENTIAL BUILDING CODE.

NOTE:  
DIMENSIONS ARE TO OUTSIDE OF EXTERIOR WALLS AND TO CENTERLINE OF INTERIOR WALLS



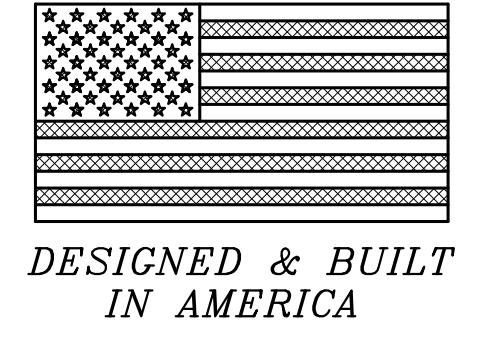
ORIGINATION POINT  
BACK RIGHT

NOTE:  
HAZARDOUS GLAZING LOCATION SHALL COMPLY WITH STATE & LOCAL CODE.

2306 SQ. FT. - 1ST FLOOR HEATED
888 SQ. FT. - 2ND FLOOR HEATED
124 SQ. FT. - FRONT PORCH
216 SQ. FT. - SCREEN PORCH
514 SQ. FT. - GARAGE
<b>3194 SQ. FT. - TOTAL HEATED</b>

**FIRST FLOOR**  
SCALE: 1/4" = 1'-0"

NOTE: 11 X 17 COPIES ARE NOT TO SCALE.



**THE WATT  
RESIDENCE**

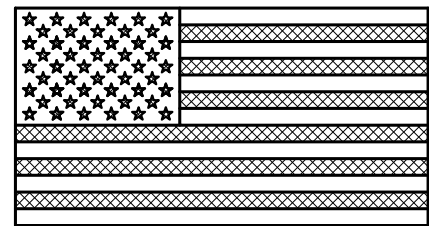
MR. & MRS. DAN & DESTINEY WATT  
NORTH CAROLINA  
SCALE: AS NOTED  
DATE: 1/10/22  
SIZE: 75'-6" X 62'-2"  
DRAWN BY:  
PLAN #: 2021 054  
FIRST FLOOR PLAN

SHEET #  
3 OF 10

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David A. Wood, Inc. assumes no liability for any home construction from this plan. It is the purchaser's responsibility to verify all dimensions and details of the plan. The designer's liability is limited to the professional services provided. The purchaser of this set of plans shall be responsible for all construction costs. Every attempt has been made in the preparation of this drawing to avoid errors and omissions. The owner/contractor agrees to indemnify, save and hold David A. Wood, Inc. harmless from and against all claims, damages, losses, and expenses, including reasonable attorney's fees, that may be incurred by the owner/contractor in connection with the construction of the project. The owner/contractor shall be responsible for obtaining all necessary permits, licenses, and approvals from the appropriate local, state, and federal building codes and agencies. The owner/contractor shall be responsible for all construction costs. The designer's liability is limited to the professional services provided. The purchaser of this set of plans shall be responsible for all construction costs.

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DESIGNED & BUILT  
IN AMERICA

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# THE WATT RESIDENCE

MR. & MRS. DAN & DESTINEY WATT  
NORTH CAROLINA  
SCALE: AS NOTED  
DATE: 1/10/22  
SIZE: 75'-6" X 62'-2"  
DRAWN BY:  
PLAN #: 2021 054  
SECOND FLOOR PLAN

SHEET #  
4 OF 10

Designer Liability Limit:  
David A. Wood, Inc. assumes no liability for any home construction from this plan. It is the purchaser's responsibility to verify all dimensions and conditions of the site prior to construction. Every attempt has been made in the preparation of this drawing to avoid errors. The owner/contractor agrees to indemnify, save and hold David A. Wood, Inc. harmless from and against all claims, damages, losses, and expenses, including reasonable attorney's fees, arising out of or from the construction with the drawings associated with this project.  
David A. Wood, Inc. is not liable for any human error or for any change made to the plan. David A. Wood, Inc. is not responsible for any construction errors, omissions, or violations of local, state, or federal building codes that herein is the sole responsibility of the contractor.

- GENERAL NOTES:**
- DESIGN BASED ON 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE.
  - ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE 2018 NORTH CAROLINA RESIDENTIAL BUILDING CODE PRIOR TO START OF CONSTRUCTION.
  - RECOMMENDED THAT A DESIGN PROFESSIONAL REVIEW PLANS FOR COMPLIANCE WITH STATE AND LOCAL BUILDING CODE PRIOR TO START OF CONSTRUCTION.
  - CONTRACTOR TO VERIFY ALL DIMENSIONS.
  - DO NOT SCALE DIMENSIONS FROM PROJECT DRAWING. PLANS AND DETAILS ARE NOT ALWAYS DRAWN TO SCALE. USE DIMENSIONS GIVEN OR CONSULT DESIGNER FOR FURTHER CLARIFICATION.
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NOTE:  
HAZARDOUS GLAZING LOCATION SHALL  
COMPLY WITH STATE & LOCAL CODE.

ORIGINATION POINT  
BACK RIGHT

EL ESPAÑOL  
LAS DIMENSIONES ESTÁN AL  
EXTERIOR DE PAREDES  
EXTERIORES HASTA LA LÍNEA

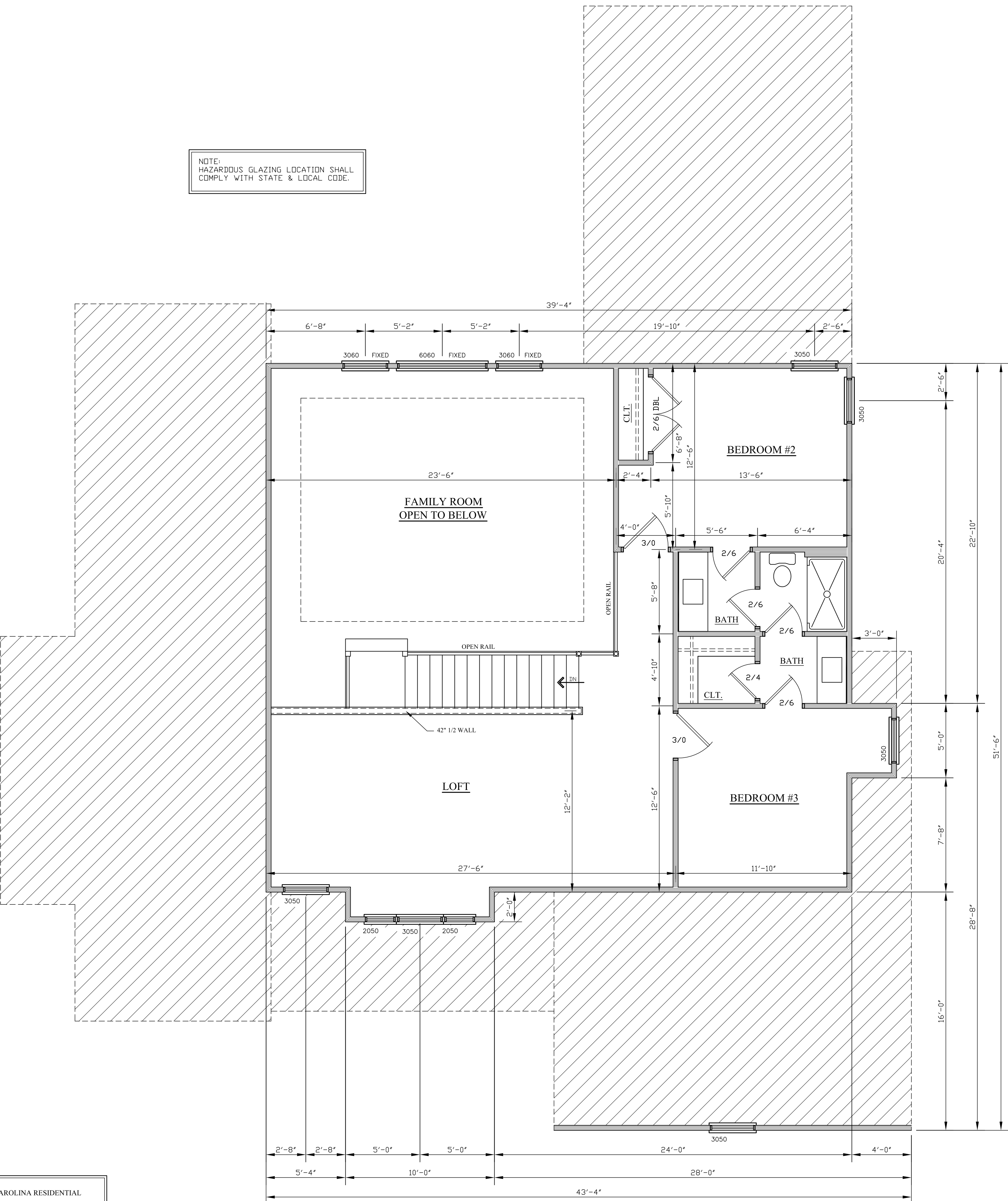
NOTE:  
ALL ANGLES ARE 45°  
UNLESS OTHERWISE NOTED.

NOTE:  
DIMENSIONS ARE TO OUTSIDE OF  
EXTERIOR WALLS AND TO  
CENTERLINE OF INTERIOR WALLS

NOTE:  
ATTIC VENTILATION PER LOCAL  
CODES AND REQUIREMENTS.

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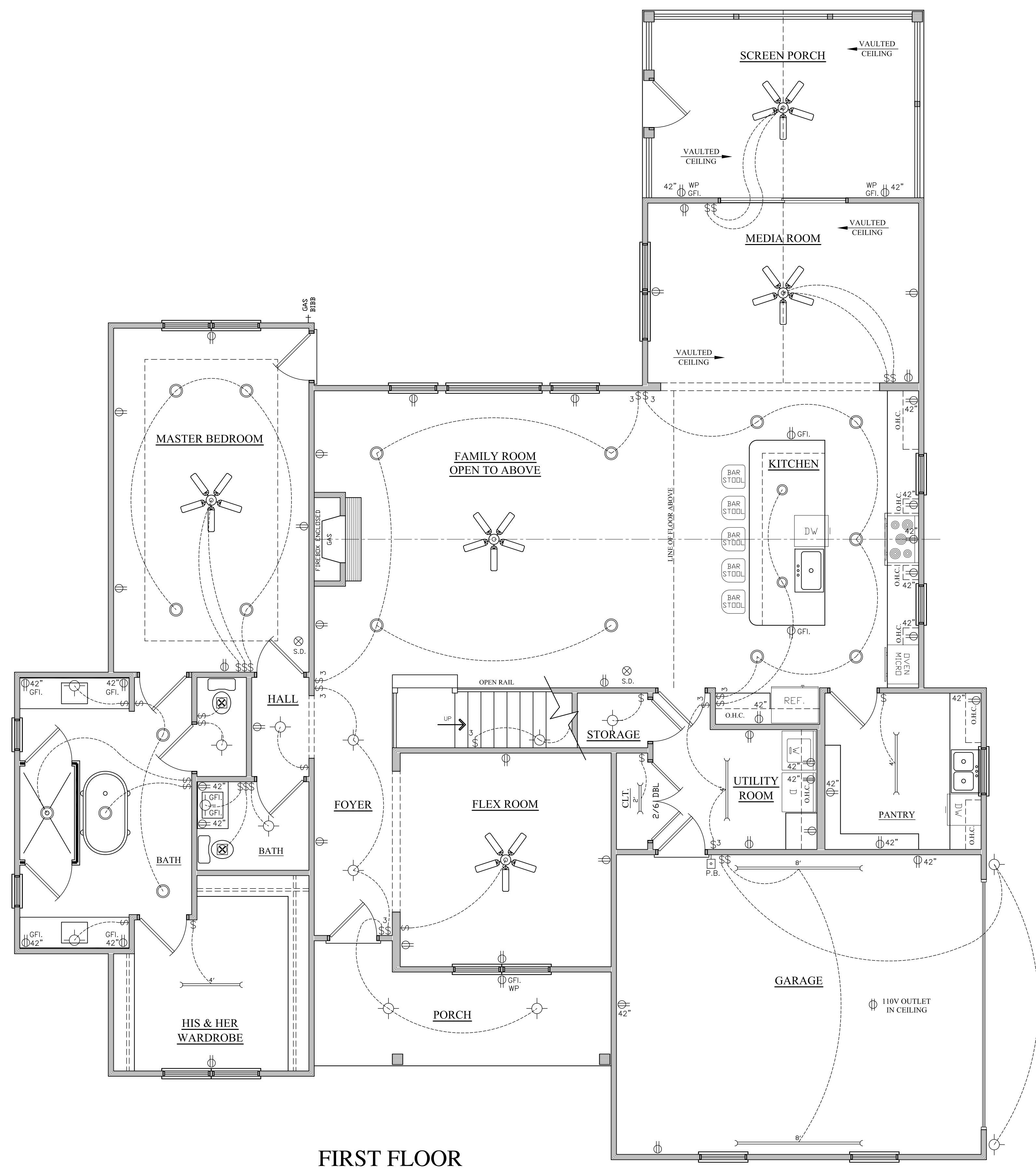
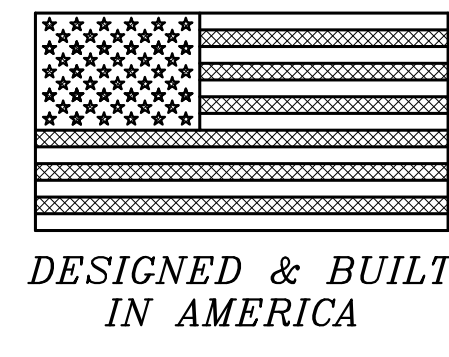
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SECOND FLOOR  
SCALE: 1/4" = 1'-0"

NOTE: 11 X 17 COPIES ARE  
NOT TO SCALE.

ELECTRICAL SYMBOL LEGEND	
<b>SWITCHES:</b>	
⊠	SINGLE POLE SWITCH
⊠ <sup>2</sup>	TWO-WAY SWITCH
⊠ <sup>3</sup>	THREE-WAY SWITCH
⊠ <sup>D</sup>	DIMMER SWITCH (SIZE ACCORDINGLY)
⊠ <sup>F</sup>	SINGLE POLE SWITCH (FAN SWITCH)
<b>OUTLETS:</b>	
⊕	110V DUPLEX OUTLET (14" ABOVE FLOOR)
⊕ <sup>T</sup>	110V DUPLEX OUTLET (TURNED AND CENTERED IN BASEBOARD)
⊕ <sup>S</sup>	110V DUPLEX SPLIT-WIRE OUTLET (TOP OF OUTLET SWITCHED)
⊕ <sup>220</sup>	220V OUTLET
⊕ <sup>GFI</sup>	110V DUPLEX OUTLET-GROUND FLAT INTERRUPTER
⊕ <sup>S</sup>	SPECIAL OUTLET
<b>FIXTURES:</b>	
⊕	WALL MOUNTED FIXTURE OR SCENE
⊕	CEILING MOUNTED FIXTURE
⊕	COMBINATION LIGHT AND EXHAUST FAN
⊕	EXHAUST FAN
⊕	SMOKE DETECTOR
⊕	FLUORESCENT TUBE FIXTURE (SEE DRAWING FOR SIZE)
⊕	KEYLESS FIXTURE
⊕	FLUORESCENT SURFACE MOUNTED FIXTURE
⊕	EXTERIOR ADJUSTABLE FLOODLIGHT FIXTURE
⊕	PHONE JACK
⊕	TELEVISION OUTLET



**FIRST FLOOR**  
SCALE: 1/4" = 1'-0"

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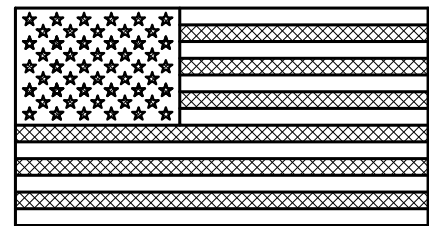
# THE WATT RESIDENCE

MR. & MRS. DAN & DESTINEY WATT  
NORTH CAROLINA  
SCALE: AS NOTED  
DATE: 1/10/22  
SIZE: 75'-6" X 62'-2"

DRAWN BY:  
PLAN #: 2021.054  
FIRST FLOOR - ELECTRICAL  
PLAN

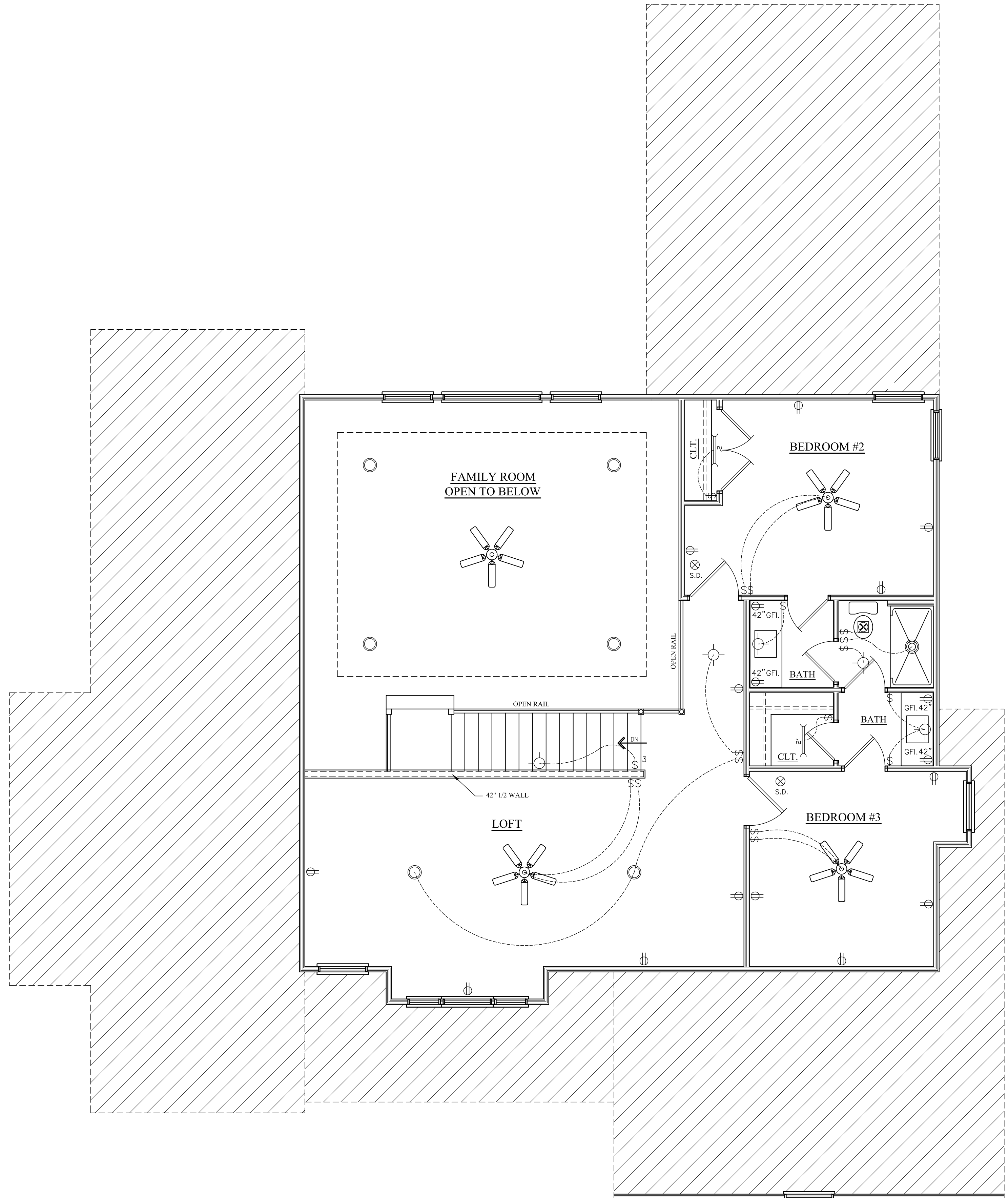
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DESIGNED & BUILT  
IN AMERICA

ELECTRICAL SYMBOL LEGEND	
SWITCHES:	
⊠	SINGLE POLE SWITCH
⊠ <sup>2</sup>	TWO-WAY SWITCH
⊠ <sup>3</sup>	THREE-WAY SWITCH
⊠ <sup>D</sup>	DIMMER SWITCH (SIZE ACCORDINGLY)
⊠ <sup>F</sup>	SINGLE POLE SWITCH (FAN SWITCH)
OUTLETS:	
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⊕ <sup>⊗</sup>	COMBINATION LIGHT AND EXHAUST FAN
⊕ <sup>⊗</sup>	EXHAUST FAN
⊕ <sup>SD</sup>	SMOKE DETECTOR
⊕ <sup>FT</sup>	FLUORESCENT TUBE FIXTURE (SEE DRAWING FOR SIZE)
⊕	KEYLESS FIXTURE
⊕ <sup>S</sup>	FLUORESCENT SURFACE MOUNTED FIXTURE
⊕ <sup>AD</sup>	EXTERIOR ADJUSTABLE FLOODLIGHT FIXTURE
⊕ <sup>J</sup>	PHONE JACK
⊕ <sup>T</sup>	TELEVISION OUTLET



**SECOND FLOOR**  
SCALE: 1/4" = 1'-0"

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# THE WATT RESIDENCE

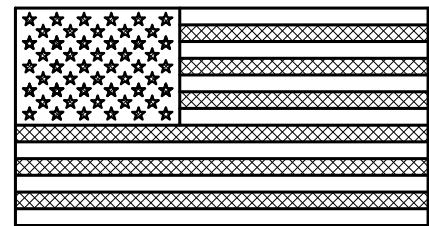
MR. & MRS. DAN & DESTINEY WATT  
NORTH CAROLINA  
SCALE: AS NOTED  
DATE: 1/10/22  
SIZE: 75'-6" X 62'-2"

DRAWN BY:  
PLAN # : 2021 054  
SECOND FLOOR - ELECTRICAL  
PLAN

SHEET #  
6 OF 10

NOTE: 11 X 17 COPIES ARE NOT TO SCALE.





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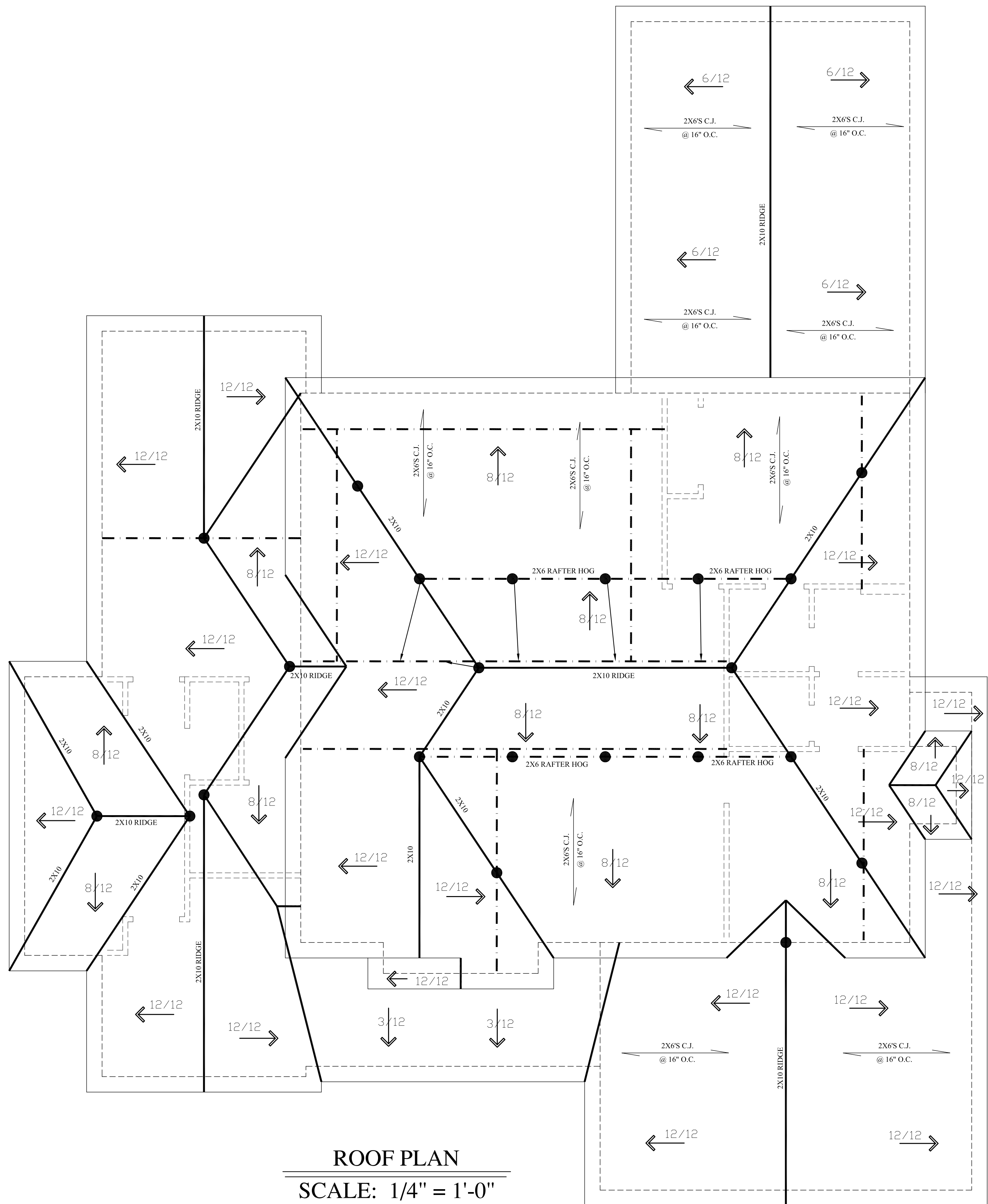
01/10/2022

Hoidas Engineering, PLLC has performed a structural review of these plans. The structural components comply with the most current local residential building code.

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NOTE:  
ATTIC VENTILATION PER LOCAL CODES AND REQUIREMENTS.

NOTE:  
FLASHING IN CONTACT W/CEMENTITIOUS MATERIALS, SHALL BE CORROSION RESISTANT. NO ALUMINUM.



ROOF PLAN  
SCALE: 1/4" = 1'-0"

NOTE:  
PROVIDE TWO LAYERS OF UNDERLAYMENT ON ROOF'S WITH LESS THAN 4:12 PITCH (TYP.)

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# THE WATT RESIDENCE

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NORTH CAROLINA  
SCALE: AS NOTED  
DATE: 1/10/22  
SIZE: 75'-6" X 62'-2"  
DRAWN BY:  
PLAN #: 2021 054  
ROOF PLAN & DETAILS

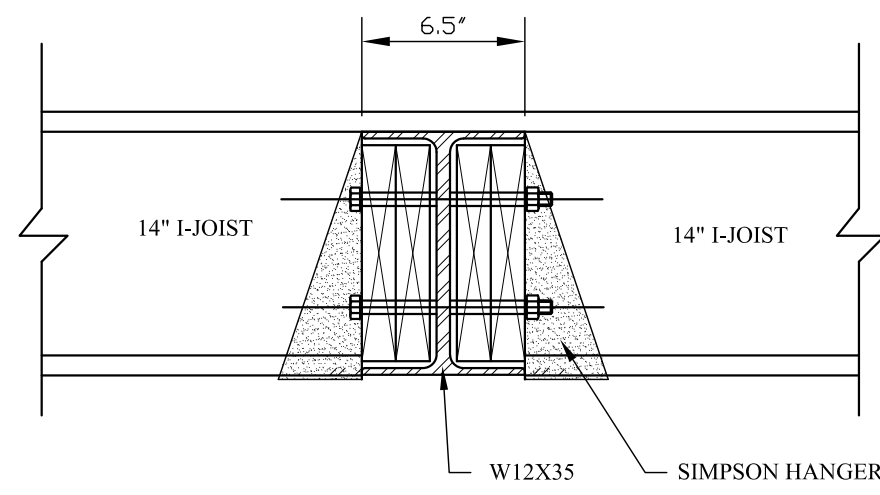
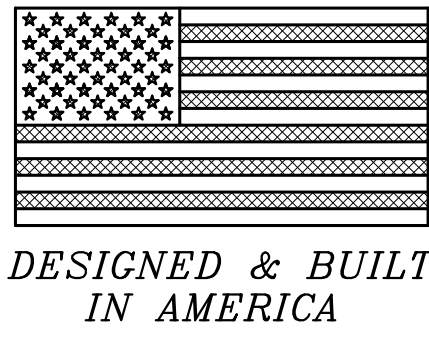
SHEET #  
8 OF 10

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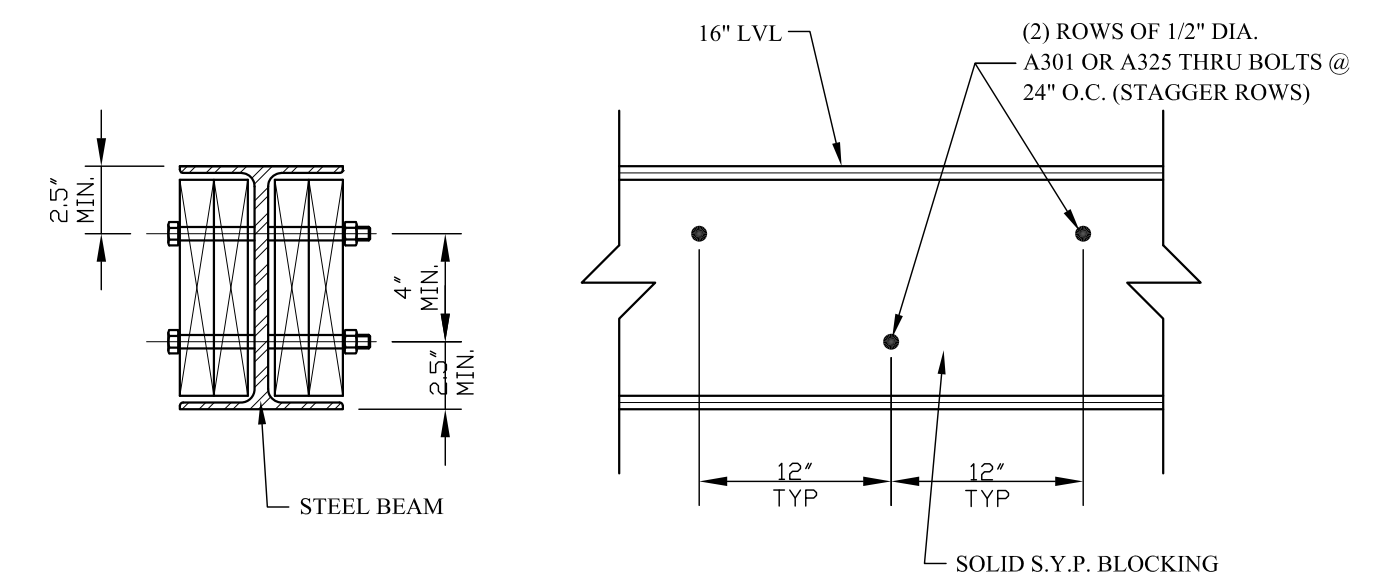
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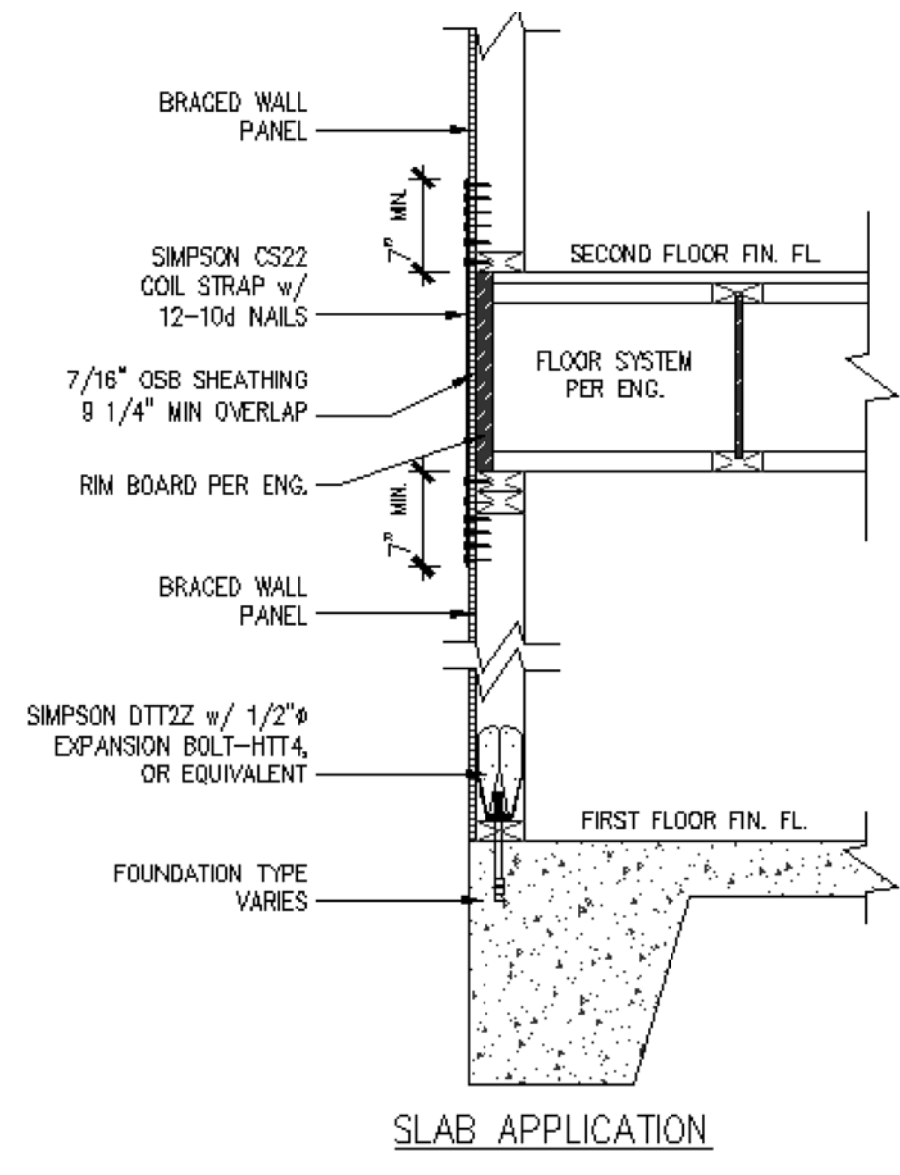




**SECTION - A**  
SCALE: = N.T.S.



**STEEL BEAM WEB BLOCKING DETAIL**  
SCALE: = N.T.S.



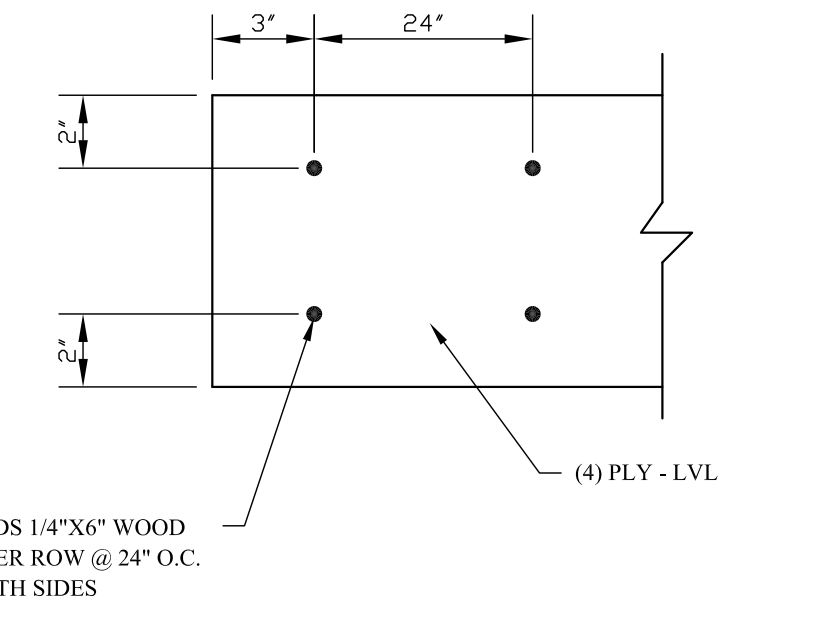
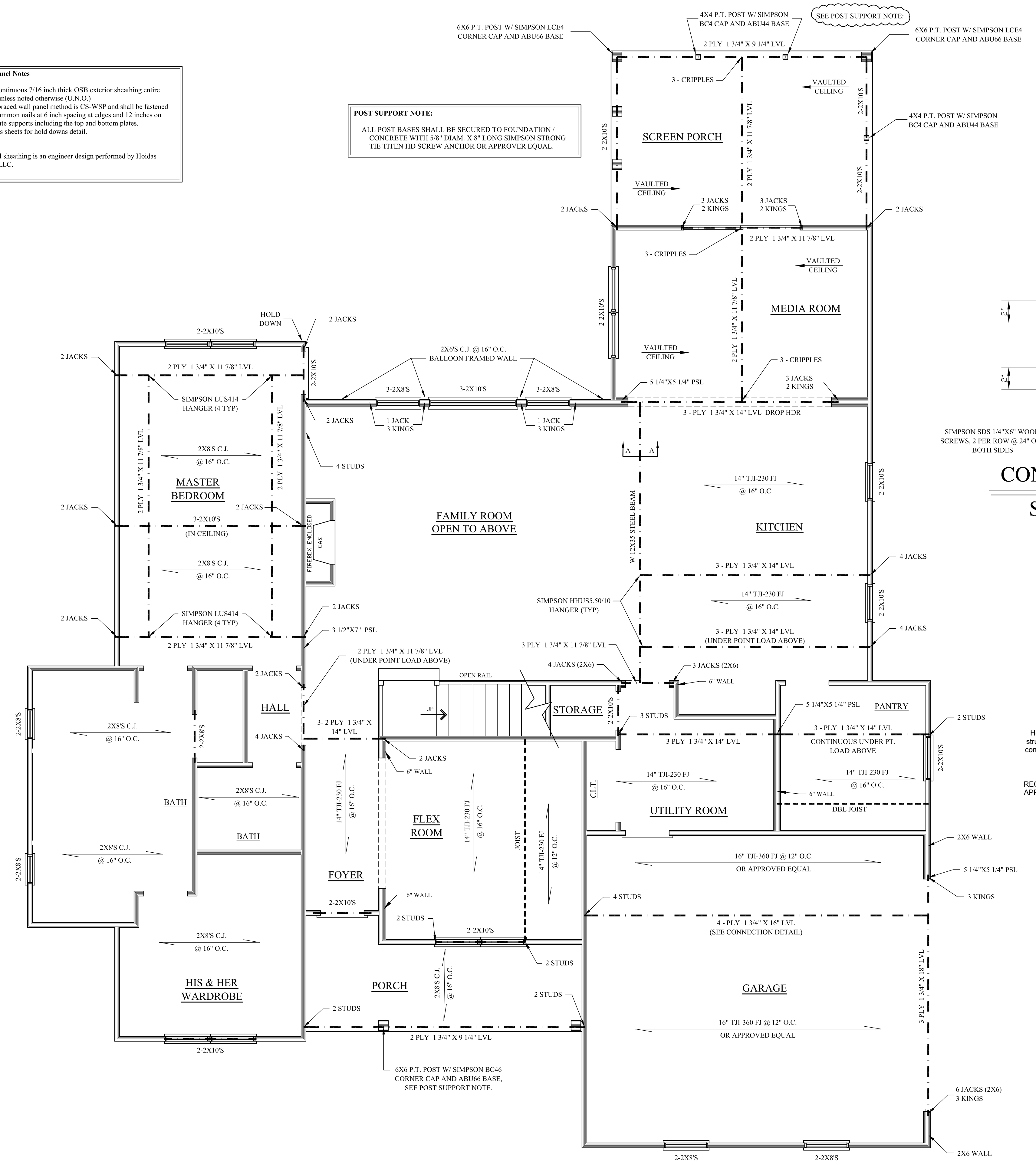
**BRACED WALL PANEL HOLD DOWN DETAIL**  
SCALE: 1/4" = 1'-0"

**Braced wall Panel Notes**

1. Provide continuous 7/16 inch thick OSB exterior sheathing entire structure unless noted otherwise (U.N.O.)
2. Exterior braced wall panel method is CS-WSP and shall be fastened with 6d common nails at 6 inch spacing at edges and 12 inches on intermediate supports including the top and bottom plates.
3. See details sheets for hold downs detail.

The braced wall sheathing is an engineer design performed by Hoidas Engineering, PLLC.

**POST SUPPORT NOTE:**  
ALL POST BASES SHALL BE SECURED TO FOUNDATION / CONCRETE WITH 5/8" DIAM. X 8" LONG SIMPSON STRONG TIE TITEN HD SCREW ANCHOR OR APPROVER EQUAL.



**CONNECTION DETAIL**  
SCALE: = N.T.S.

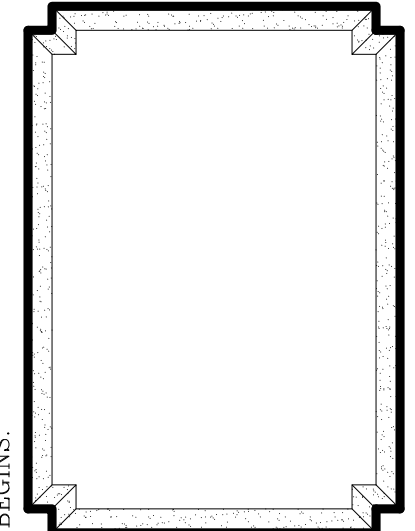


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**FIRST FLOOR - ENGINEERING**  
SCALE: 1/4" = 1'-0"

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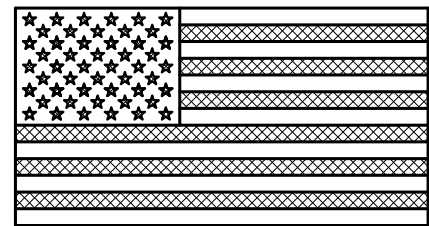
**THE WATT RESIDENCE**

MR. & MRS. DAN & DESTINEY WATT  
NORTH CAROLINA  
SCALE: AS NOTED  
DATE: 1/10/22  
SIZE: 75'-6" X 62'-2"

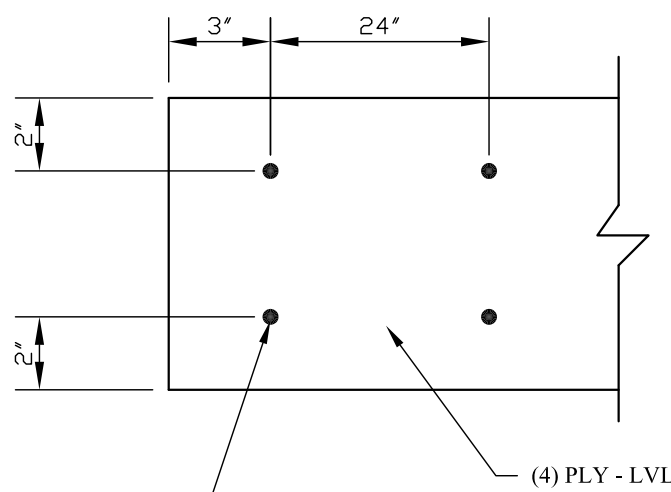
DRAWN BY:  
PLAN #: 2021.054  
FIRST FLOOR PLAN

SHEET #  
9 OF 10

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SIMPSON SDS 1/4"X6" WOOD  
SCREWS, 2 PER ROW @ 24" O.C.  
BOTH SIDES

**4 PLY - CONNECTION DETAIL**

SCALE: = N.T.S.



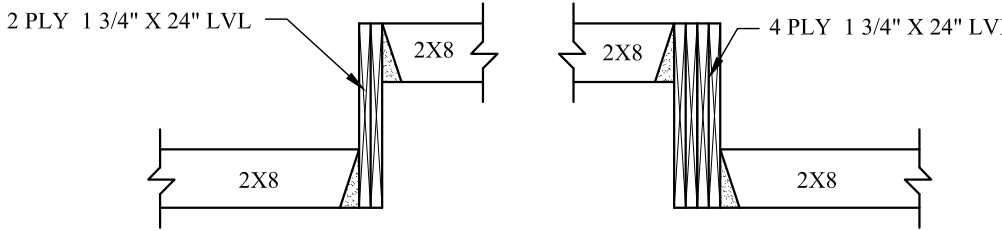
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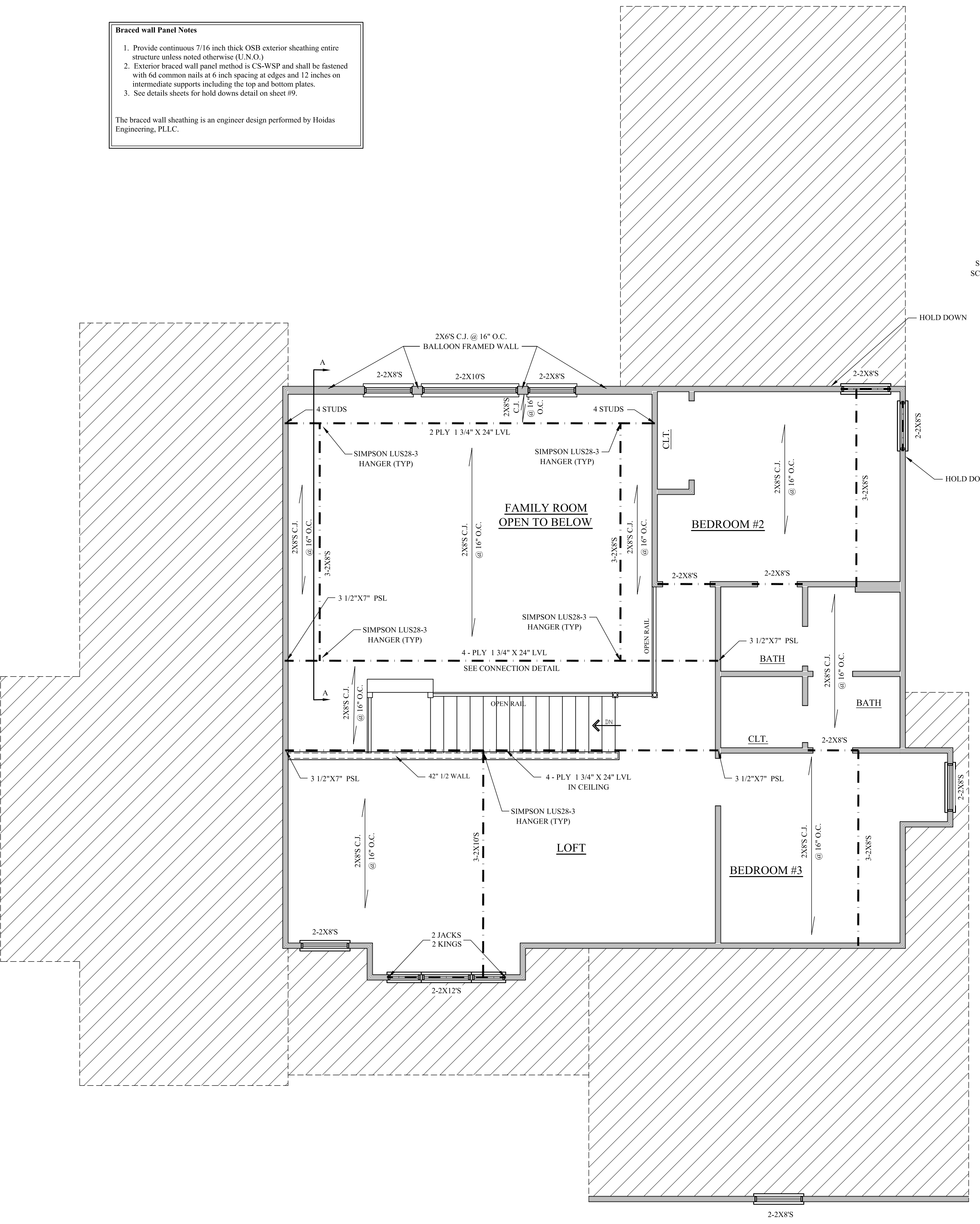
**Braced wall Panel Notes**

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3. See details sheets for hold downs detail on sheet #9.

The braced wall sheathing is an engineer design performed by Hoidas Engineering, PLLC.



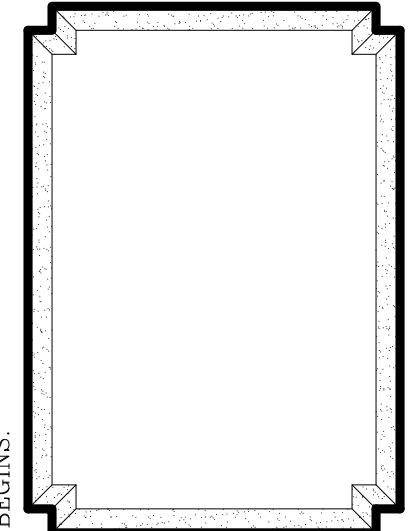
**SECTION - A**  
SCALE: = N.T.S.



**SECOND FLOOR - ENGINEERING**

SCALE: 1/4" = 1'-0"

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**THE WATT  
RESIDENCE**

MR. & MRS. DAN & DESTINEY WATT NORTH CAROLINA	DRAWN BY: PLAN # : 2021 054
SCALE: AS NOTED DATE: 1/10/22	SECOND FLOOR PLAN
SIZE: 75'-6" X 62'-2"	

SHEET #  
10 OF 10

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