

CONSTRUCTION SHEET LIST

SHEET NUMBER	SHEET NAME
E-0	COVER SHEET
E-1	FRONT & REAR ELEVATIONS
E-2	LEFT & RIGHT ELEVATIONS
E-3	GARAGE ELEVATIONS
E-4	ROOF OVERVIEW
F-1	FOUNDATION PLAN
F-1.1	FOUNDATION - GARAGE
F-1.2	CRAWL W/BRICK FOUNDATION DETAILS
F-1.3	GARAGE CRAWL W/BRICK FOUNDATION DETAILS Copy 1
F-2	FIRST FLOOR PLAN
F-3	FIRST FLOOR PLAN REDUCED SCALE / GARAGE
G-1	GARAGE DOOR DETAILS
H-1	FIRST FLOOR ELECTRICAL PLAN
H-2	GARAGE ELECTRICAL PLAN
S-1	ROOFING DETAILS
S-2	WALL SECTIONS
S-3	10" COLUMN DETAILS
S-4	FRAMING DETAILS
S-5	STANDARD DECK DETAILS

ABBREVIATIONS LEGEND:

5 SH.-
6 SH.-
A.F.F.-
B.C.-
C.J.-
C.M.U.-
C.O.-
CONC.-
C.R.V.-
DBL SH-RD-
DH-
DR. or DRWR-
F-1.1
F-1.2
F-1.3
F-2
F-3
G-1
H-1
H-2
S-1
S-2
S-3
S-4
S-5

FIVE SHELVES
SIX SHELVES
ABOVE FINISHED FLOOR
BLIND CORNER (CABINET)
CEILING JOIST
CONCRETE MASONRY UNIT
CASED OPENING
CONCRETE
CONTINUOUS RIDGE VENT
DOUBLE SHELF AND ROD
DOUBLE HUNG
DRAWER
DRAWER SPACE
ENGINEERED VINYL PLANK
EXTERIOR
FLOOR JOIST
SUPPLY IN FLOOR (HVAC)
FOOTING
GYPSUM BOARD
HOSE BIBB
HOT DIPPED GALVANIZED

HDWD-
HDR.-
HT.-
INT.-
K.S.-
KDAT-
L.B.W.-
L.S.-
LVP-
LVT-
O.C.-
O.H.-
OPT.-
O.W.H.-
P.T.-
PANT.-
R/A-
REINF.-
R.O.-
SC-

HARDWOOD
HEADER
HEIGHT
INTERIOR
KNEE SPACE
KILN DRIED AFTER TREATMENT
LOAD BEARING WALL
LAUNDRY SINK or LAZY SUSAN
LUXURY VINYL PLANK
LUXURY VINYL TILE
ON CENTER
OVERHEAD
OPTIONAL
OVER THE WALL HEIGHT
PRESSURE TREATED
PANTRY
RETURN AIR (HVAC)
REINFORCED
ROUGH OPENING
SUPPLY IN CEILING (HVAC)

SD-
SH-
SH-RD-
S.J.-
SM/CO-
SPEC.-
SPF-
S.R.O.-
SYP-
T & G-
TEMP.-
T.O.P.-
TRAP.-
U.N.O.-
UTIL-
VAN.-
W/H-
W.H.H.-
W.I.C.-

SMOKE DETECTOR
SINGLE HUNG
SHELF AND ROD
SINGLE JOIST
SMOKE AND Co2 DETECTOR
SPECIFIED
SPRUCE/PINE/FIR
SHEETROCK OPENING
SOUTHERN YELLOW PINE
TONGUE AND GROOVE
TEMPERED
TOP OF PLATE
TRAPEZOID (WINDOW)
UNLESS NOTED OTHERWISE
UTILITY
VANITY
WATER HEATER
WINDOW HEADER HEIGHT
WALK IN CLOSET

FOUNDATION NOTES:

• TYPICAL FOUNDATION WALL: (2'-8") 4" BRICK W/ 4" BLOCK ON (2) 8" BASE BLOCK - ON TOP OF 16" x 8"d POURED CONCRETE FOOTING

• CRAWL SPACE ACCESS TO BE 42" WIDE

• ADD LIGHT AND SWITCH UNDER FLOOR NEAR ACCESS

• CRAWL SPACE VENT & ACCESS DIMENSIONS ARE APPROXIMATE, VENTS & ACCESSES SHOULD BE LOCATED WITHIN CONCRETE BLOCKS, DO NOT LOCATE UNDER BEAMS OR ANY OTHER STRUCTURAL LOCATIONS

• VENTS SHOULD BE INSTALLED PER LOCAL CODE

• ALL GIRDER BREAKS MUST BE ON PIERS OR POSTS

• NOTCH SILL PLATE AROUND DROPPED BEAM

• FILL ALL CELLS SOLID UNDER BEAM POCKET BEARING POINT

• POLY REQ'D IN CRAWL

• POLY REQ'D UNDER GARAGE SLAB

GENERAL NOTES:

• MIN 9'-1 1/8" CEILING HEIGHT ON FIRST FLOOR

• ALL LOAD BEARING WALLS & EXT. OPENINGS TO HAVE (2) 2X10 HEADERS UNLESS NOTED OTHERWISE

• HEADERS FOR WINDOWS ABOVE KITCHEN COUNTERTOPS TO BE FRAMED DOWN 1'-5" FROM T.O.P.

• STANDARD FIRST FLOOR WINDOW HEADERS TO BE FRAMED DOWN 2'-2" FROM T.O.P. UNLESS NOTED OTHERWISE

• STANDARD SECOND FLOOR WINDOW HEADERS TO BE FRAMED DOWN 1'-2" FROM T.O.P. UNLESS NOTED OTHERWISE

• 7/16" O.S.B. AND HOUSEWRAP REQUIRED

• DIMENSIONS ARE TO SHEATHING EXTERIOR; SUBTRACT 1/2" FROM DIMENSIONS FOR EXTERIOR WINDOW AND DOOR FRAMING LOCATION IF OPENINGS ARE FRAMED BEFORE SHEATHING INSTALLATION

• ALL INTERIOR DOORS ARE EITHER CENTERED ON WALLS OR R.O. STARTED MIN OF 4" FROM ADJOINING WALL UNLESS OTHERWISE DIMENSIONED

• NUMBER OF EXTERIOR OR GARAGE STAIR TREADS & RISERS MAY VARY AS A RESULT OF LOCAL BUILDING CODES, STANDARDS AND FINAL GRADE

• CLOSET SHELF HEIGHT OFF FLOOR:
SINGLE - 68"
DOUBLE - 42" & 84"

• ALL PLUMBING FIXTURES SHOWN ARE A REPRESENTATION OF SIZE AND LOCATION ONLY. ACTUAL STYLE AND BRAND OF FIXTURES MAY VARY PER OFFICE LOCATION

• ALL TUBS/SHOWERS ARE TO HAVE NAILERS AT FLANGE

• INSTALL A 24" WIDE WALKWAY FROM ATTIC ACCESS TO FURNACE PLATFORM

• RAILINGS ARE A FORCED OPTION WHEN PORCH IS OVER 30" ABOVE FINISHED GRADE

DELAWARE A

FOR TIMOTHY & AMELIA INMAN, & DONICE HASTINGS

700 TYLERSTONE DR.
FUQUAY VARINA NC 27526

THE: 141-25-007

2x4 EXTERIOR WALLS

FOUNDATION TYPE: CRAWLSPACE

DRAWN BY: ANA P.

CHECKED BY: R.T. / T.R.

PRINTED: 7/11/2025 9:07:07 AM

PROPERTY OF: AMERICA'S HOME PLACE

© COPYRIGHT - 2024

SHEET # E-0

COVER SHEET

SCALE: As indicated

PAPER SIZE: 11" x 17"

TO REPORT COPYRIGHT VIOLATIONS CALL (770) 532-1128 THE USE OF THIS PLAN BY ANYONE OTHER THAN AN AGENT OF "AMERICA'S HOME PLACE, INC." IS IN VIOLATION OF THE FEDERAL COPYRIGHT VIOLATION ACT. \$1000 REWARD FOR RECOVERING AN ACTUAL COPYRIGHT INFRINGEMENT.
© COPYRIGHT-ALL RIGHTS RESERVED NOTE:VIOLATORS OF THE COPYRIGHT WILL BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW. THIS WORK IS THE INTELLECTUAL PROPERTY OF AMERICA'S HOME PLACE AND SHALL NOT BE REPRODUCED WITHOUT PERMISSION.

FRONT VIEW

REAR VIEW

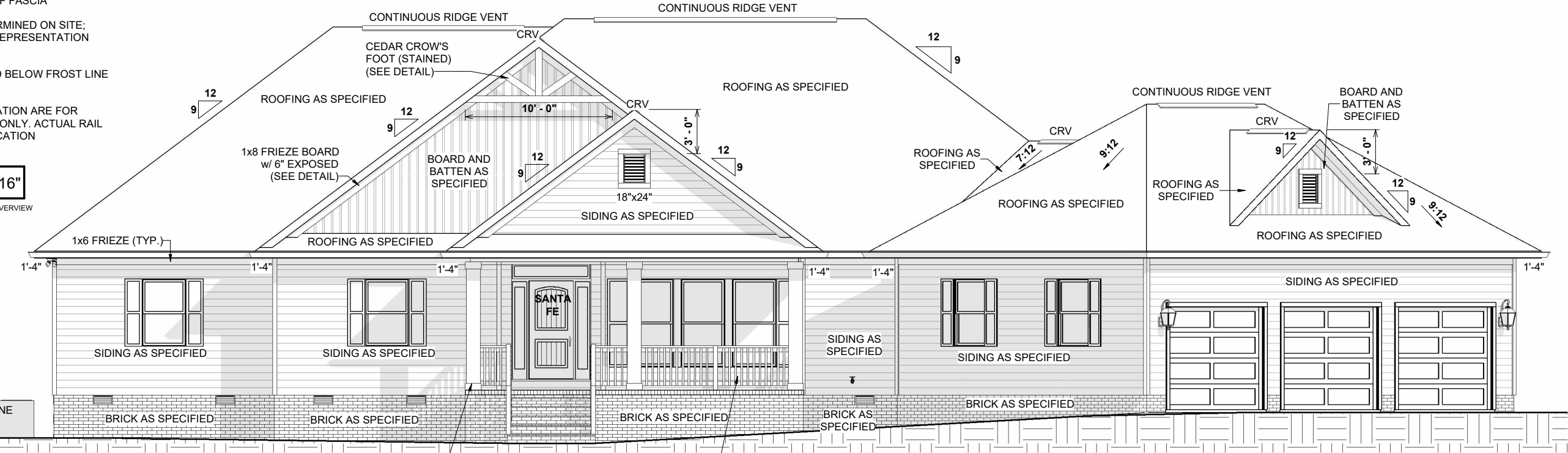
NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.
APPROVED
Certified building only review
Permit holder responsible for full compliance with the code
08/26/2025
B. Johnson
HARNETT COUNTY
NORTH CAROLINA

ELEVATION NOTES:

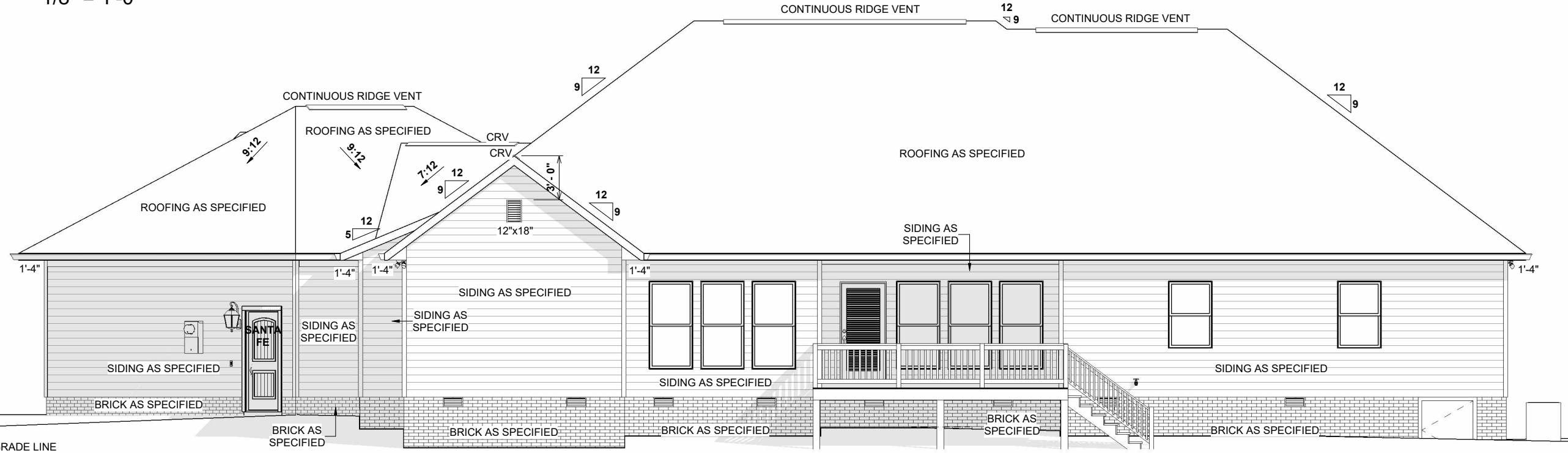
- MIN 9'-1 1/8" CEILING HEIGHT ON FIRST FLOOR
- 7/16" O.S.B. AND HOUSEWRAP REQUIRED
- ROOF OVERHANGS, AS NOTED, ARE FROM WALL SHEATHING TO OUTSIDE OF FASCIA
- FINAL GRADE TO BE DETERMINED ON SITE; FOUNDATION DRAWN AS REPRESENTATION ONLY
- FOOTINGS TO BE LOCATED BELOW FROST LINE (SEE LOCAL CODES)
- RAILINGS SHOWN IN ELEVATION ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL RAIL DETAIL MAY VARY PER LOCATION

9:12 O.W.H. = 7 11/16"

UNLESS OTHERWISE NOTED ON ROOF OVERVIEW



1 FRONT ELEVATION
1/8" = 1'-0"



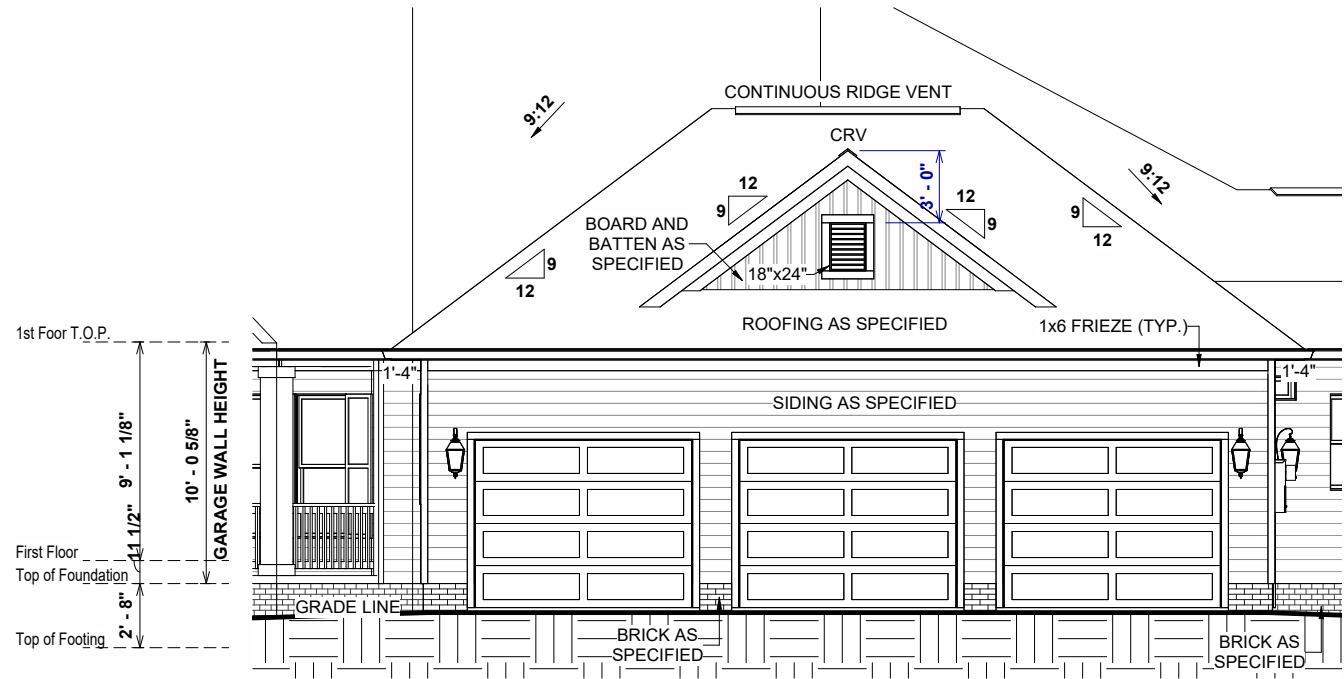
2 REAR ELEVATION
1/8" = 1'-0"

FINAL CONSTRUCTION PLAN

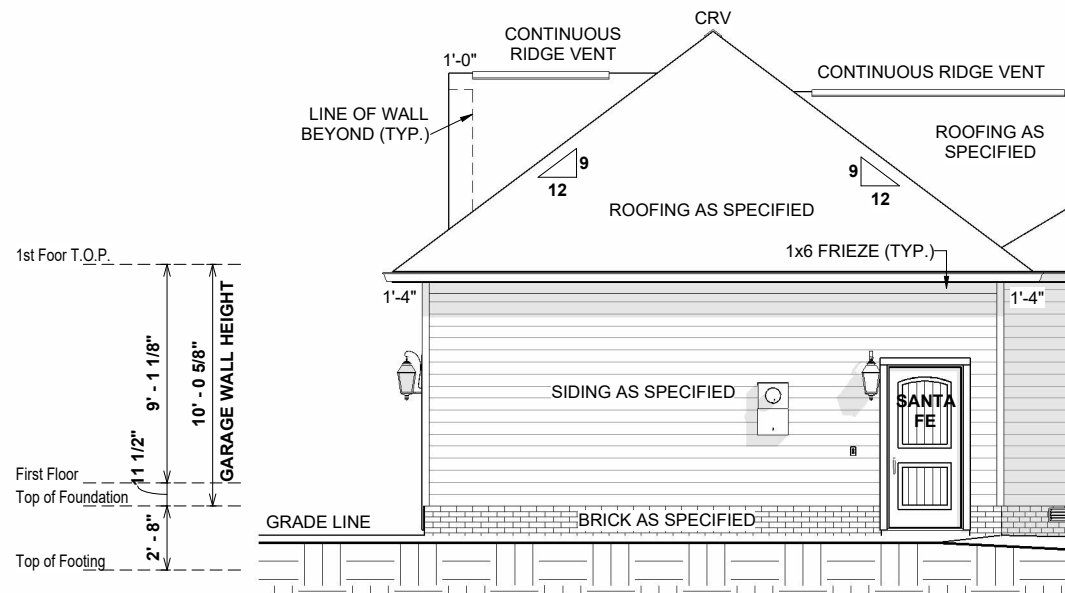
REVISION SCHEDULE		AREAS:		THE:		JOB #		DRAWN BY:		PROPERTY OF:		SHEET #	
REV #	DESCRIPTION	DATE	3,020 SF	3,020 SF	159 SF	848 SF	131 SF	1,138 SF	4,158 SF	202 SF	202 SF	E-1	FRONT & REAR ELEVATIONS
	FIRST FLOOR HEATED												
	FRONT PORCH												
	GARAGE												
	REAR PORCH												
	TOTAL UNDER ROOF												
	REAR DECK												
	TOTAL UNCOVERED												
DELAWARE A		FOR TIMOTHY & AMELIA INMAN, & DONICE HASTINGS		141-25-007		2x4 EXTERIOR WALLS		CRAWLSPACE		AMERICA'S HOME PLACE		E-1	
700 TYLERSTONE DR. FUQUAY VARINA NC 27526		SOLD BY: A. VIRT		OFFICE: FAYETTEVILLE		PRINTED: 7/1/2025 9:07:10 AM		© COPYRIGHT - 2024		SCALE: As indicated			



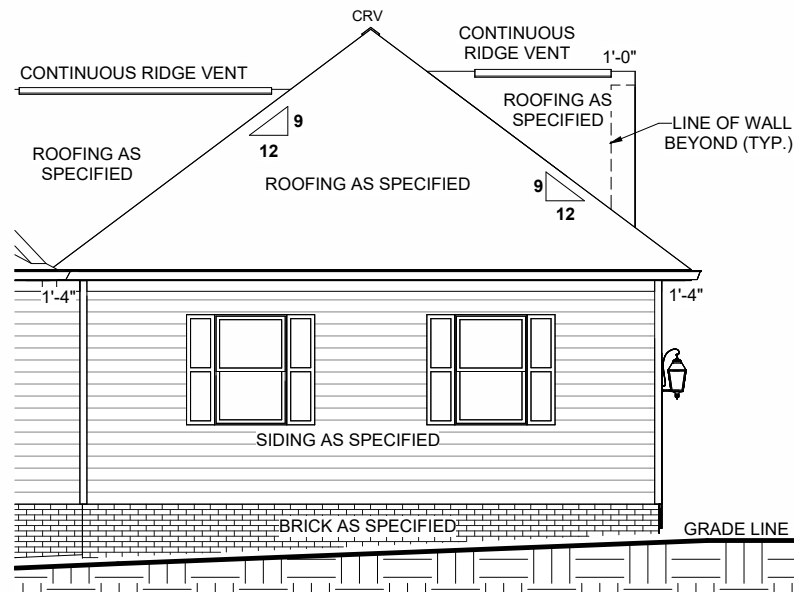
SCALE: As indicated		SHEET #		E-2		PROPERTY OF:		© COPYRIGHT - 2024 AM		DRAWN BY:		JOB #		THE:		AREAS:		REVISION SCHEDULE							
										ANA P.		141-25-007		DELAWARE A		FIRST FLOOR HEATED		3,020 SF		REV #		DESCRIPTION		DATE	
										CHECKED BY:		2x4 EXTERIOR WALLS		FOR		FRONT PORCH		159 SF							
										R.T. / T.R.								GARAGE		848 SF					
										PRINTED:		FOUNDATION TYPE:						REAR PORCH		131 SF					
										7/1/2025 9:07:13 AM		CRAWLSPACE		700 TYLERSTONE DR.				TOTAL UNDER ROOF		1,138 SF					
														FUQUAY VARINA NC 27526						4,158 SF					
														OFFICE:		SOLD BY:		REAR DECK		202 SF					
														FAYETTEVILLE		A. VIRT		TOTAL UNCOVERED		202 SF					



1 FRONT ELEVATION GARAGE
1/8" = 1'-0"



3 RIGHT ELEVATION GARAGE
1/8" = 1'-0"



2 LEFT ELEVATION GARAGE
1/8" = 1'-0"

ELEVATION NOTES:

- MIN 9'-1 1/8" CEILING HEIGHT ON FIRST FLOOR
- 7/16" O.S.B. AND HOUSEWRAP REQUIRED
- ROOF OVERHANGS, AS NOTED, ARE FROM WALL SHEATHING TO OUTSIDE OF FASCIA
- FINAL GRADE TO BE DETERMINED ON SITE; FOUNDATION DRAWN AS REPRESENTATION ONLY
- FOOTINGS TO BE LOCATED BELOW FROST LINE (SEE LOCAL CODES)
- RAILINGS SHOWN IN ELEVATION ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL RAIL DETAIL MAY VARY PER LOCATION

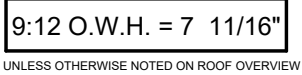
9:12 O.W.H. = 7 11/16"

UNLESS OTHERWISE NOTED ON ROOF OVERVIEW

SHEET #	PROPERTY OF:	DRAWN BY:	JOB #	THE:	REVISION SCHEDULE			
					AREA:	REV #	DESCRIPTION	DATE
E-3	AMERICA'S HOME PLACE	ANA P.	141-25-007	DELAWARE A	FIRST FLOOR HEATED	3,020 SF		
					FRONT PORCH	3,020 SF		
					GARAGE	159 SF		
					REAR PORCH	848 SF		
					TOTAL UNDER ROOF	131 SF		
GARAGE ELEVATIONS	© COPYRIGHT - 2024	7/1/2025 9:07:16 AM	FOUNDATION TYPE: CRAWLSPACE	FOR: DELAWARE A	TOTAL UNDER ROOF			
					REAR DECK	1,138 SF		
					TOTAL UNCOVERED	4,158 SF		
SCALE: As indicated	PAPER SIZE: 11" x 17"	TO REPORT COPYRIGHT VIOLATIONS CALL (770) 532-1128 THE USE OF THIS PLAN BY ANYONE OTHER THAN AN AGENT OF "AMERICA'S HOME PLACE, INC." IS IN VIOLATION OF THE FEDERAL COPYRIGHT VIOLATION ACT. \$1000 REWARD FOR RECOVERING AN ACTUAL COPYRIGHT INFRINGEMENT.	© COPYRIGHT-ALL RIGHTS RESERVED NOTE:VIOLATORS OF THE COPYRIGHT WILL BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW. THIS WORK IS THE INTELLECTUAL PROPERTY OF AMERICA'S HOME PLACE AND SHALL NOT BE REPRODUCED WITHOUT PERMISSION.	OFFICE: FAYETTEVILLE	SOLD BY: A. VIRT	700 TYLERSTONE DR. FUQUAY VARINA NC 27526		
						FOR: TIMOTHY & AMELIA INMAN, & DONICE HASTINGS		

FINAL CONSTRUCTION PLAN

OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%



UNLESS OTHERWISE NOTED ON ROOF OVERVIEW

OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%

FINAL CONSTRUCTION PLAN

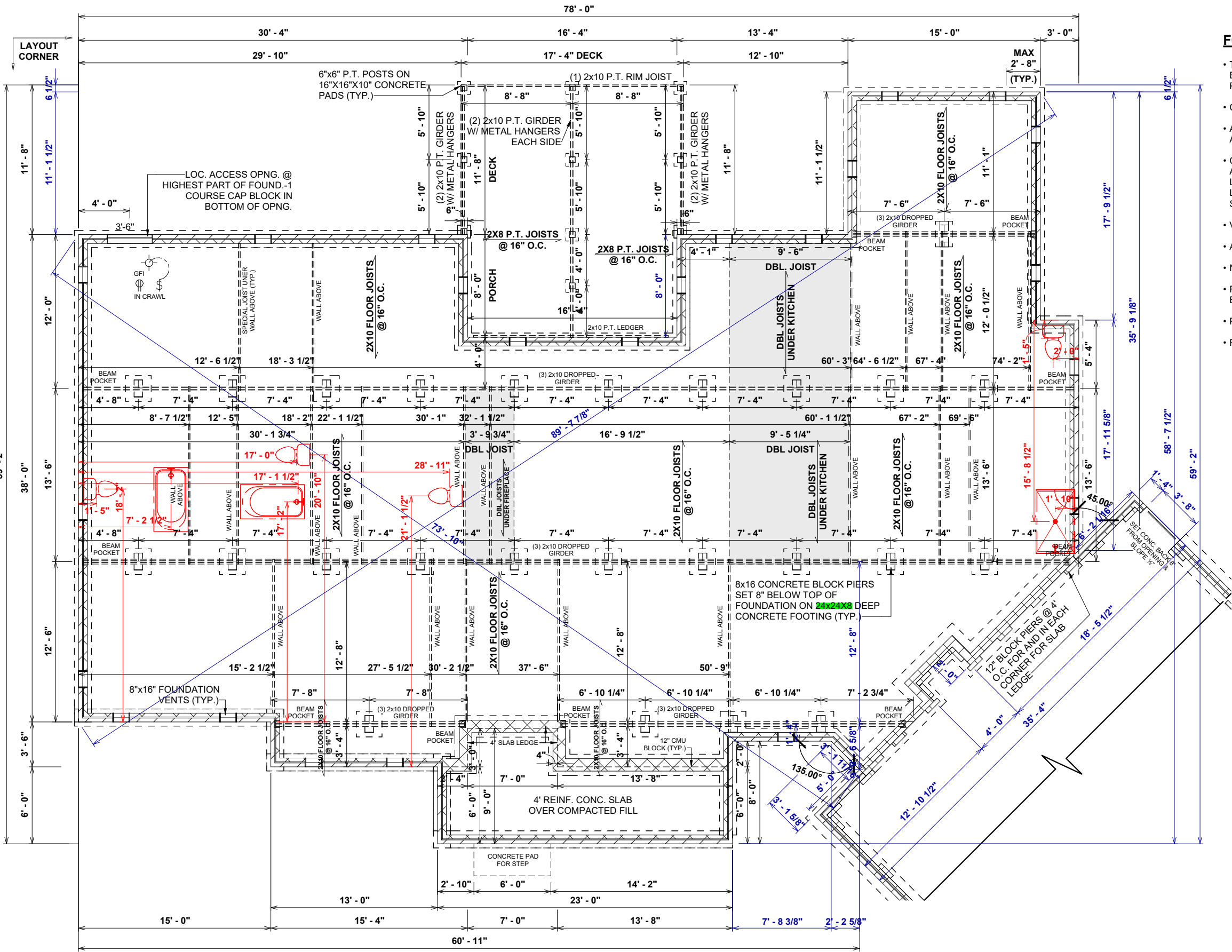
E-4	 © COPYRIGHT - 2024	PROPERTY OF:		JOB #		THE:		AREAS:		REVISION SCHEDULE			
		DRAWN BY:		141-25-007		DELAWARE A		FIRST FLOOR HEATED		3,020 SF	REV #	DESCRIPTION	DATE
		CHECKED BY:		2x4 EXTERIOR WALLS		FOR TIMOTHY & AMELIA INMAN, & DONICE HASTINGS		FRONT PORCH		159 SF			
		R.T. / T.R.		FOUNDATION TYPE:		700 TYLERSTONE DR.		GARAGE		848 SF			
		PRINTED:		CRAWLSPACE		FUQUAY VARINA NC 27526		REAR PORCH		131 SF			
		7/11/2025 9:07:17 AM						TOTAL UNDER ROOF		1,138 SF			
										4,158 SF			
								REAR DECK		202 SF			
								TOTAL UNCOVERED		202 SF			
ROOF OVERVIEW													
SCALE: 1/8" = 1'-0"													

TO REPORT COPYRIGHT VIOLATIONS CALL (770) 532-1128 THE USE OF THIS PLAN BY ANYONE OTHER THAN AN AGENT OF "AMERICA'S HOME PLACE, INC." IS IN VIOLATION OF THE FEDERAL COPYRIGHT VIOLATION ACT. \$1000 REWARD FOR RECOVERING AN ACTUAL COPYRIGHT INFRINGEMENT.

PAPER SIZE: 11" x 17"

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

ROOF OVERVIEW



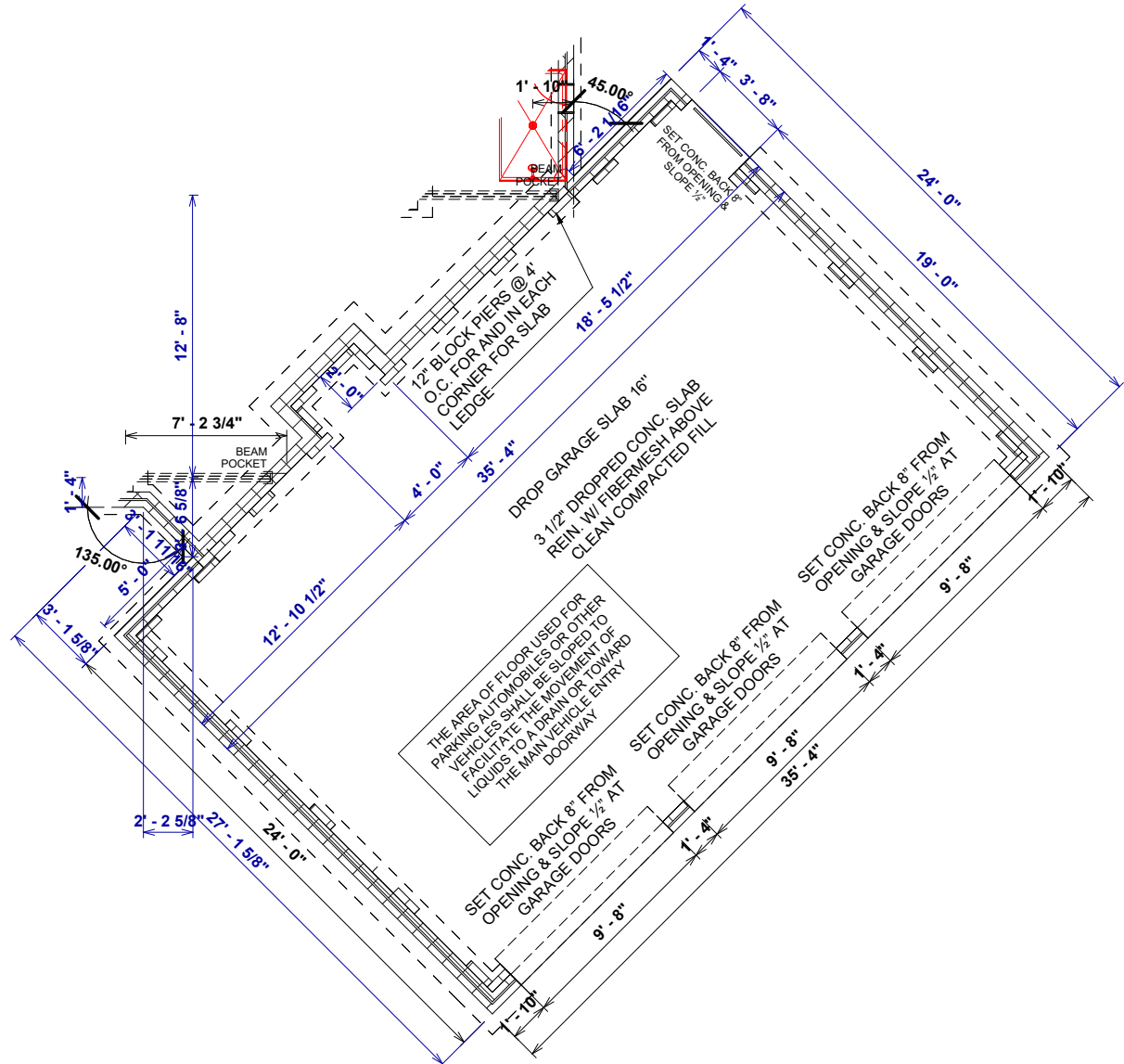
FOUNDATION NOTES:

- TYPICAL FOUNDATION WALL: (2'-8") 4" BRICK W/ 4" BLOCK ON (2) 8" BASE BLOCK - ON TOP OF 16" x 8" POURED CONCRETE FOOTING
- CRAWL SPACE ACCESS TO BE 42" WIDE
- ADD LIGHT AND SWITCH UNDER FLOOR NEAR ACCESS
- CRAWL SPACE VENT & ACCESS DIMENSIONS ARE APPROXIMATE, VENTS & ACCESSES SHOULD BE LOCATED WITHIN CONCRETE BLOCKS, DO NOT LOCATE UNDER BEAMS OR ANY OTHER STRUCTURAL LOCATIONS
- VENTS SHOULD BE INSTALLED PER LOCAL CODE
- ALL GIRDER BREAKS MUST BE ON PIERS OR POSTS
- NOTCH SILL PLATE AROUND DROPPED BEAM
- FILL ALL CELLS SOLID UNDER BEAM POCKET BEARING POINT
- POLY REQ'D IN CRAWL
- POLY REQ'D UNDER GARAGE SLAB

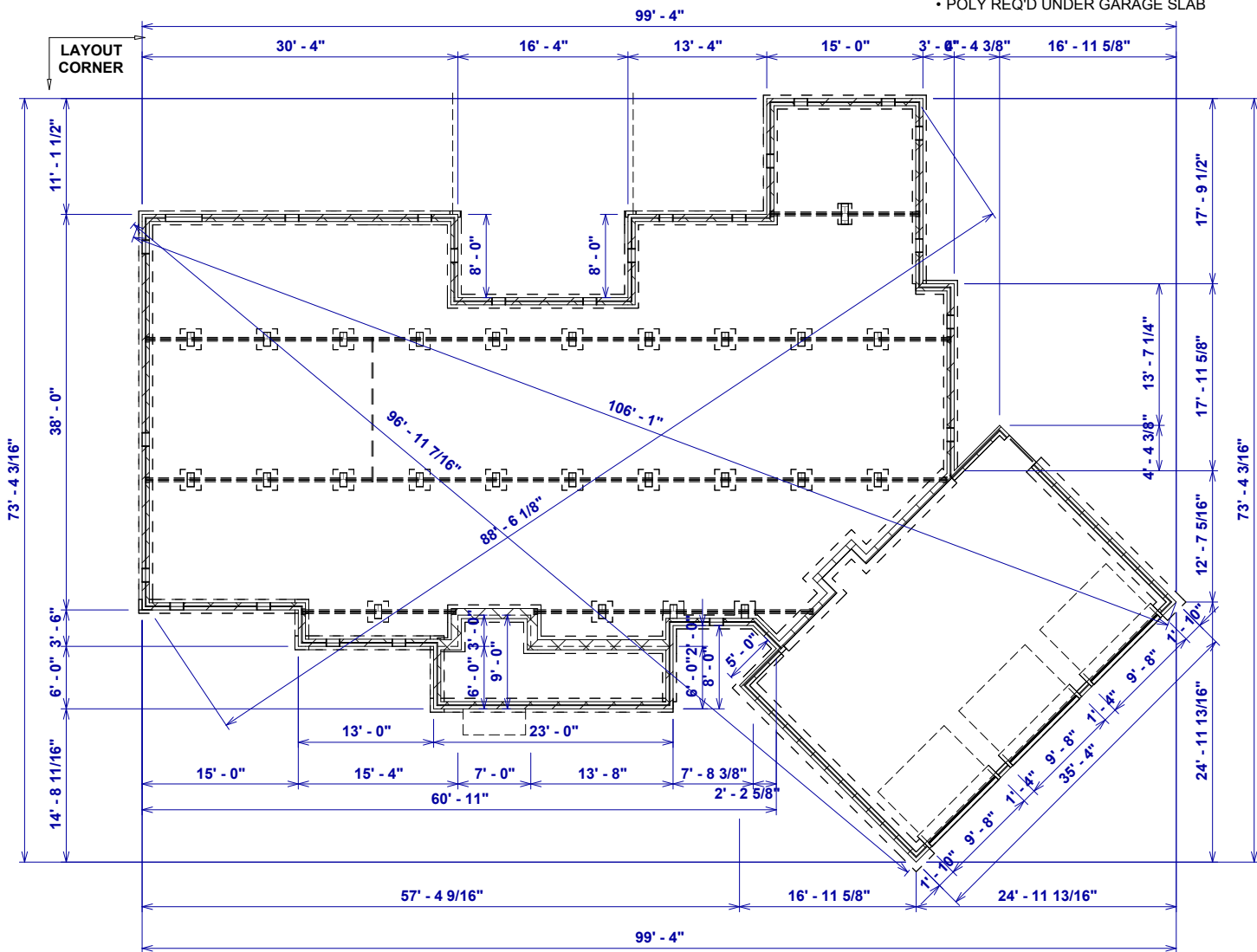
1 FOUNDATION PLAN
1/8" = 1'-0"

FINAL CONSTRUCTION PLAN

F-1	PROPERTY OF:  © COPYRIGHT - 2024	DRAWN BY: ANA P.	JOB # 141-25-007	THE: DELAWARE A	AREAS: <table><tr><td>FIRST FLOOR HEATED</td><td>3,020 SF</td><td>REV #</td><td>DESCRIPTION</td><td>DATE</td></tr><tr><td>FRONT PORCH</td><td>3,020 SF</td><td></td><td></td><td></td></tr><tr><td>GARAGE</td><td>159 SF</td><td></td><td></td><td></td></tr><tr><td>REAR PORCH</td><td>848 SF</td><td></td><td></td><td></td></tr><tr><td>TOTAL UNDER ROOF</td><td>1,138 SF</td><td></td><td></td><td></td></tr><tr><td>REAR DECK</td><td>4,158 SF</td><td></td><td></td><td></td></tr><tr><td>TOTAL UNCOVERED</td><td>202 SF</td><td></td><td></td><td></td></tr></table>				FIRST FLOOR HEATED	3,020 SF	REV #	DESCRIPTION	DATE	FRONT PORCH	3,020 SF				GARAGE	159 SF				REAR PORCH	848 SF				TOTAL UNDER ROOF	1,138 SF				REAR DECK	4,158 SF				TOTAL UNCOVERED	202 SF			
		FIRST FLOOR HEATED	3,020 SF	REV #	DESCRIPTION	DATE																																					
		FRONT PORCH	3,020 SF																																								
		GARAGE	159 SF																																								
		REAR PORCH	848 SF																																								
		TOTAL UNDER ROOF	1,138 SF																																								
		REAR DECK	4,158 SF																																								
		TOTAL UNCOVERED	202 SF																																								
		CHECKED BY: R.T. / T.R.	2x4 EXTERIOR WALLS	FOR TIMOTHY & AMELIA INMAN, & DONICE HASTINGS																																							
		FOUNDATION TYPE: CRAWLSPACE	700 TYLERSTONE DR. FUQUAY VARINA NC 27526																																								
PRINTED: 7/1/2025 9:07:18 AM																																											
OFFICE: FAYETTEVILLE	SOLD BY: A. VIRT																																										
FOUNDATION PLAN																																											
SCALE: As indicated																																											



1 FOUNDATION PLAN
1/8" = 1'-0"

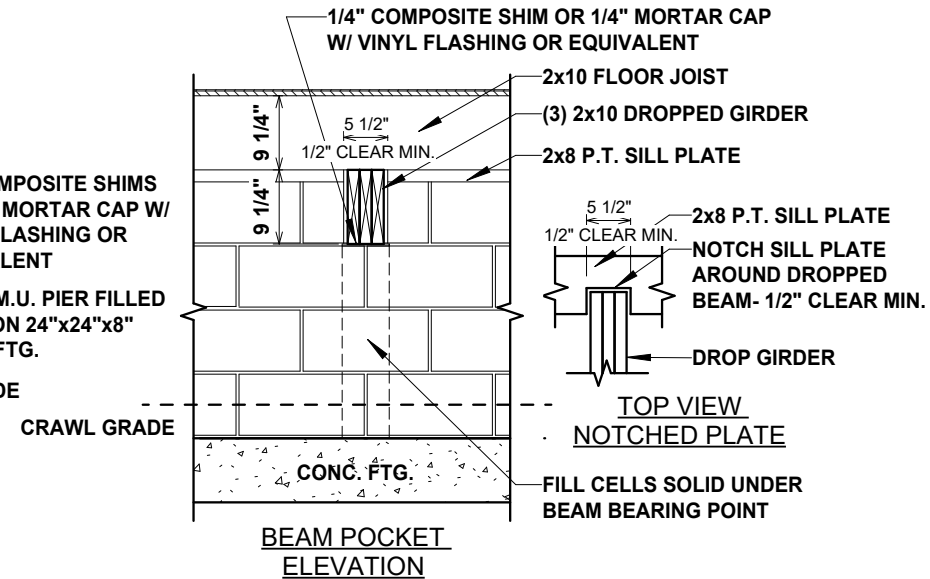
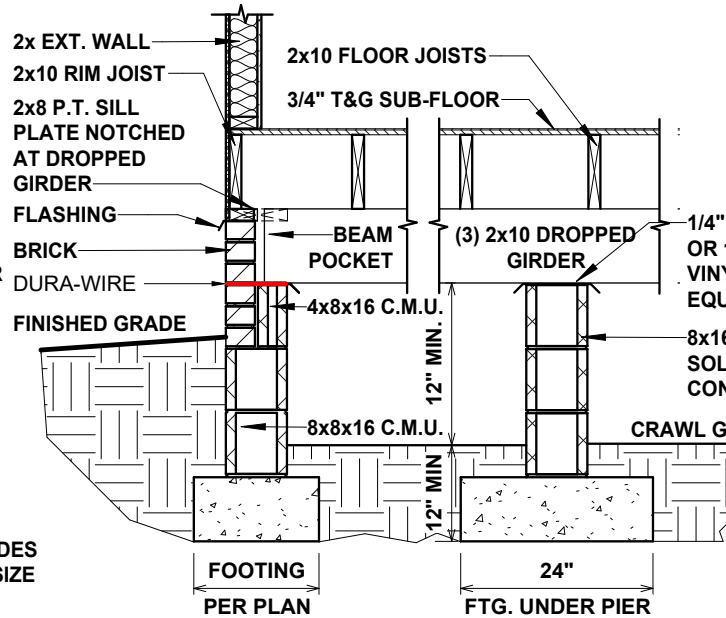
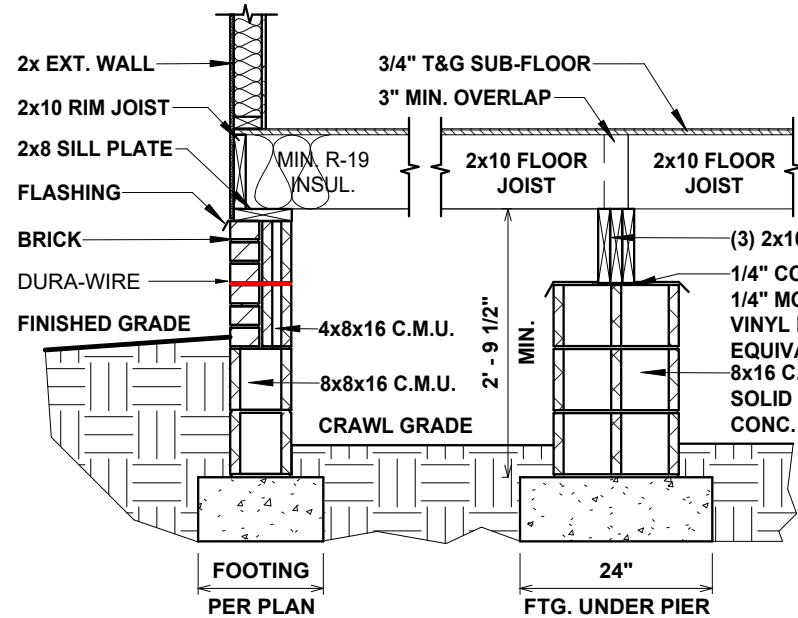


2 FOUNDATION PLAN
1/16" = 1'-0"

FOUNDATION NOTES:

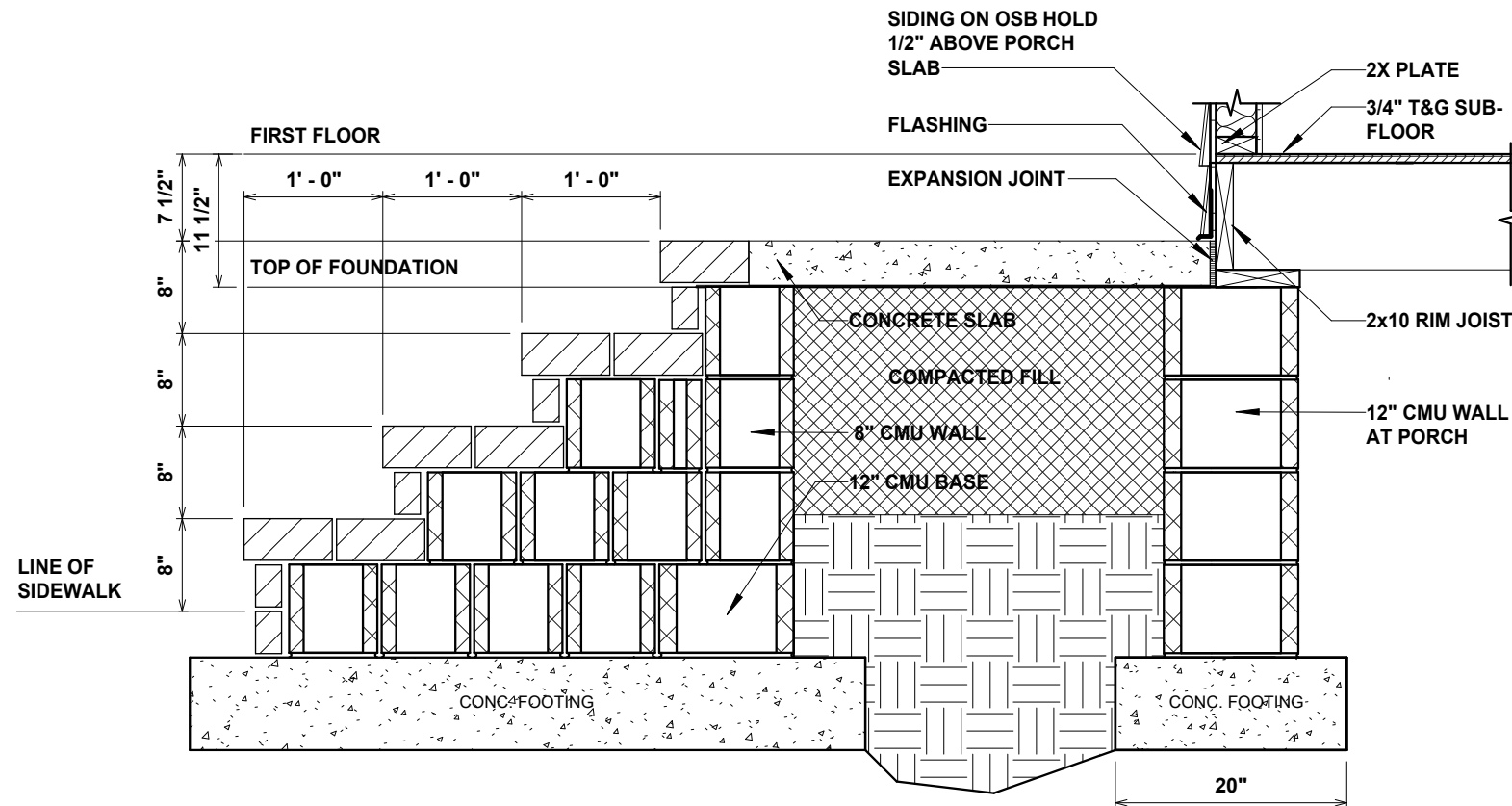
- TYPICAL FOUNDATION WALL: (2'-8") 4" BRICK W/ 4" BLOCK ON (2) 8" BASE BLOCK - ON TOP OF 16" x 8"d POURED CONCRETE FOOTING
- CRAWL SPACE ACCESS TO BE 42" WIDE
- ADD LIGHT AND SWITCH UNDER FLOOR NEAR ACCESS
- CRAWL SPACE VENT & ACCESS DIMENSIONS ARE APPROXIMATE. VENTS & ACCESSES SHOULD BE LOCATED WITHIN CONCRETE BLOCKS, DO NOT LOCATE UNDER BEAMS OR ANY OTHER STRUCTURAL LOCATIONS
- VENTS SHOULD BE INSTALLED PER LOCAL CODE
- ALL GIRDER BREAKS MUST BE ON PIERS OR POSTS
- NOTCH SILL PLATE AROUND DROPPED BEAM
- FILL ALL CELLS SOLID UNDER BEAM POCKET BEARING POINT
- POLY REQ'D IN CRAWL
- POLY REQ'D UNDER GARAGE SLAB

SHEET #		PROPERTY OF:	DRAWN BY:	JOB #	THE:	AREAS:				REVISION SCHEDULE	
F-1.1		 © COPYRIGHT - 2024	ANA P.	141-25-007	DELAWARE A	FIRST FLOOR HEATED	3,020 SF	REV #	DESCRIPTION	DATE	
			CHECKED BY:	2x4 EXTERIOR WALLS	FOR	FRONT PORCH	159 SF				
			R.T. / T.R.	FOUNDATION TYPE:	TIMOTHY & AMELIA INMAN, & DONICE HASTINGS	GARAGE	848 SF				
			PRINTED:	CRAWLSPACE	700 TYLERSTONE DR. FUQUAY VARINA NC 27526	REAR PORCH	131 SF				
			7/1/2025 9:07:19 AM			TOTAL UNDER ROOF	1,138 SF 4,158 SF				
FOUNDATION - GARAGE					OFFICE:	REAR DECK	202 SF				
					SOLD BY:	TOTAL UNCOVERED	202 SF				
					FAYETTEVILLE						
					A VIRT						



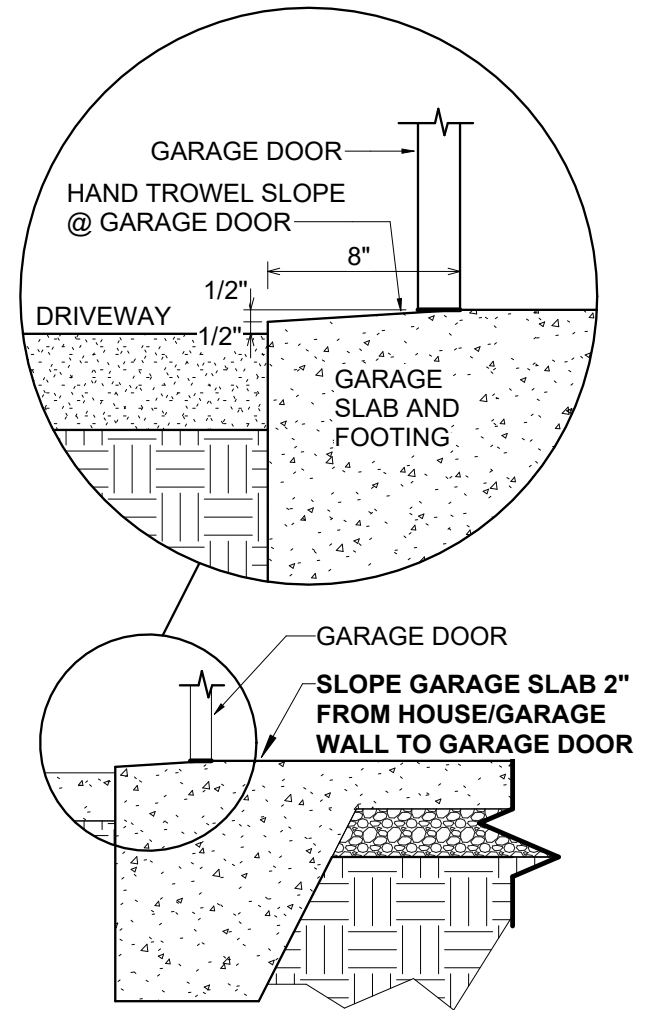
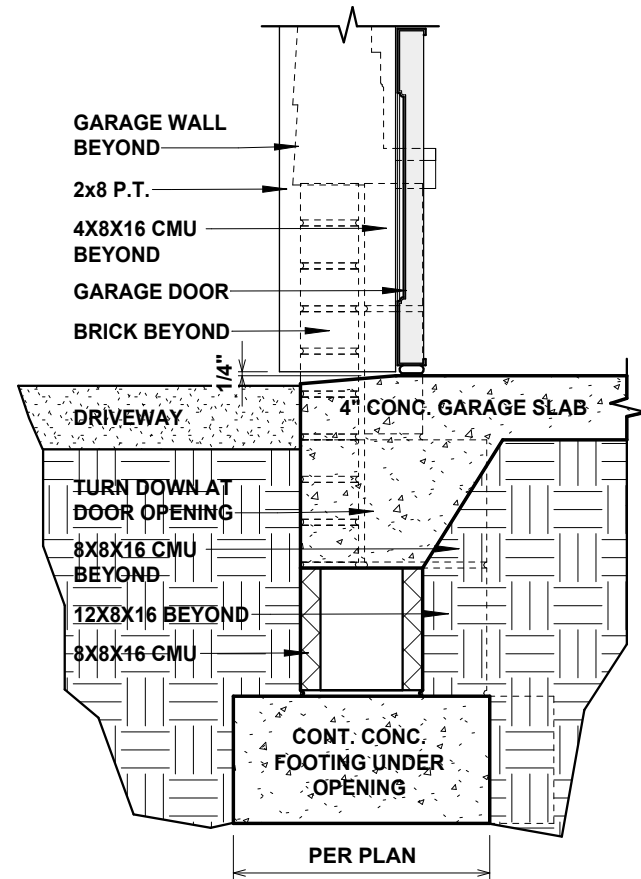
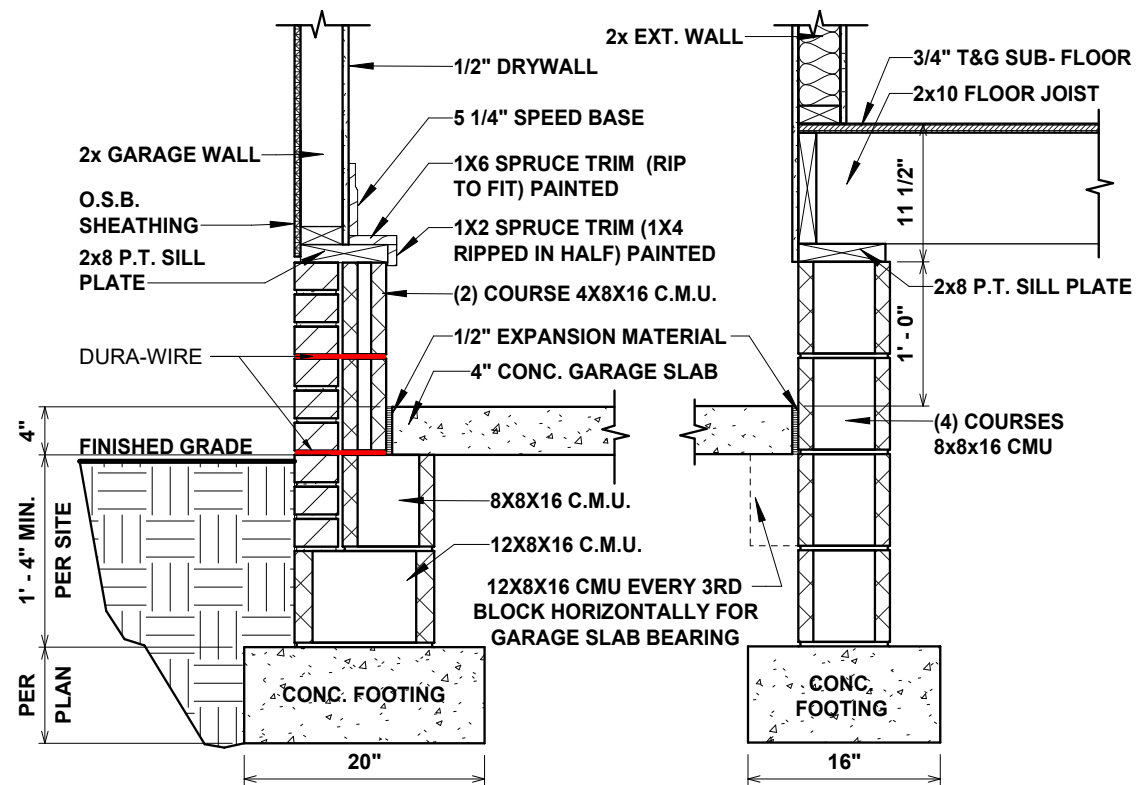
NOTE:
SEE LOCAL CODES
FOR FOOTING SIZE

① 141-600.41 CRAWL FOUNDATION W/BRICK DETAIL
1/2" = 1'-0"

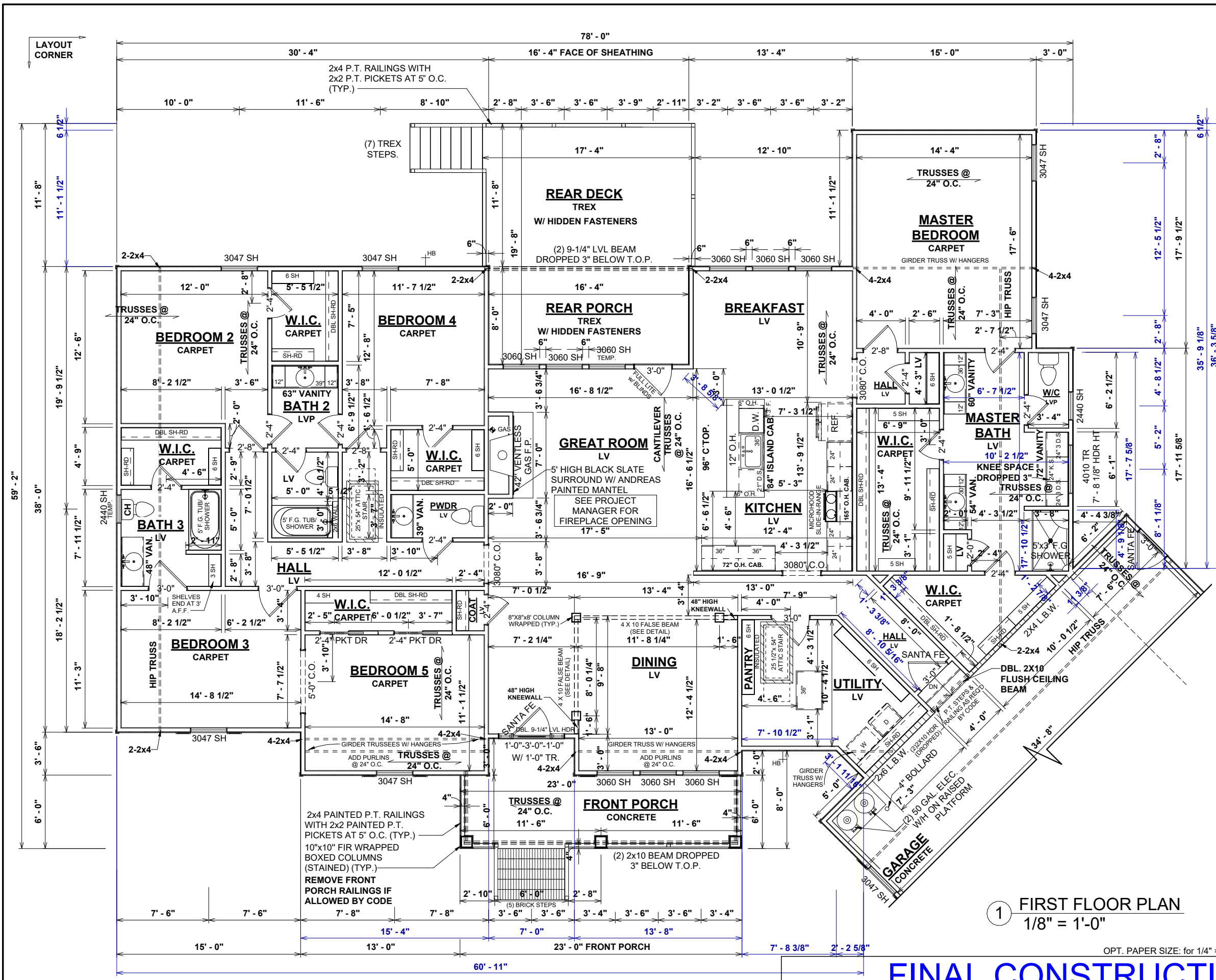


② 141.4-CONCRETE PORCH W/ BRICK STEPS
3/4" = 1'-0"

SHEET #		PROPERTY OF:	DRAWN BY:	JOB #	THE:	AREAS:		REVISION SCHEDULE				
SCALE: As indicated F-1.2	 © COPYRIGHT - 2024	CRAWL W/BRICK FOUNDATION DETAILS	ANA P.	141-25-007	DELAWARE A	FIRST FLOOR HEATED	3,020 SF	REV #	DESCRIPTION	DATE		
			CHECKED BY: R.T. / T.R.	2x4 EXTERIOR WALLS	FOR TIMOTHY & AMELIA INMAN, & DONICE HASTINGS	FRONT PORCH	159 SF					
			PRINTED: 7/11/2025 9:07:20 AM	FOUNDATION TYPE: CRAWLSPACE	700 TYLERSTONE DR. FUQUAY VARINA NC 27526	GARAGE	848 SF					
						REAR PORCH	131 SF					
						TOTAL UNDER ROOF	1,138 SF					
							4,158 SF					
						REAR DECK	202 SF					
						TOTAL UNCOVERED	202 SF					



SCALE: As indicated		SHEET #	PROPERTY OF:		DRAWN BY:	JOB #	THE:	AREAS:		REVISION SCHEDULE					
F-1.3			© COPYRIGHT - 2024	AMERICA'S HOME PLACE	ANA P.	141-25-007	DELAWARE A	FIRST FLOOR HEATED	3,020 SF	3,020 SF	REV #	DESCRIPTION	DATE		
					CHECKED BY:	2x4 EXTERIOR WALLS	FOR	FRONT PORCH	159 SF						
					R.T. / T.R.		TIMOTHY & AMELIA INMAN, & DONICE HASTINGS	GARAGE	848 SF						
					PRINTED:	FOUNDATION TYPE:	700 TYLERSTONE DR.	REAR PORCH	131 SF						
					7/1/2025 9:07:21 AM	CRAWLSPACE	FUQUAY VARINA NC 27526	TOTAL UNDER ROOF	1,138 SF						
								4,158 SF							
GARAGE CRAWL W/BRICK FOUNDATION DETAILS Copy 1							OFFICE:	SOLD BY:	REAR DECK	202 SF					
									FAYETTEVILLE	A. VIRT	TOTAL UNCOVERED	202 SF			



GENERAL NOTES:

- MIN 9'-1 1/8" CEILING HEIGHT ON FIRST FLOOR
- ALL LOAD BEARING WALLS & EXT. OPENINGS TO HAVE (2) 2X10 HEADERS UNLESS NOTED OTHERWISE
- HEADERS FOR WINDOWS ABOVE KITCHEN COUNTERTOPS TO BE FRAMED DOWN 1'-5" FROM T.O.P.
- STANDARD FIRST FLOOR WINDOW HEADERS TO BE FRAMED DOWN 2'-2" FROM T.O.P. UNLESS NOTED OTHERWISE
- STANDARD SECOND FLOOR WINDOW HEADERS TO BE FRAMED DOWN 1'-2" FROM T.O.P. UNLESS NOTED OTHERWISE
- 7/16" O.S.B. AND HOUSEWRAP REQUIRED
- DIMENSIONS ARE TO SHEATHING EXTERIOR; SUBTRACT 1/2" FROM DIMENSIONS FOR EXTERIOR WINDOW AND DOOR FRAMING LOCATION IF OPENINGS ARE FRAMED BEFORE SHEATHING INSTALLATION
- ALL INTERIOR DOORS ARE EITHER CENTERED ON WALLS OR R.O. STARTED MIN OF 4" FROM ADJOINING WALL UNLESS OTHERWISE DIMENSIONED
- NUMBER OF EXTERIOR OR GARAGE STAIR TREADS & RISERS MAY VARY AS A RESULT OF LOCAL BUILDING CODES, STANDARDS AND FINAL GRADE
- CLOSET SHELF HEIGHT OFF FLOOR:
SINGLE - 68"
DOUBLE - 42" & 84"
- ALL PLUMBING FIXTURES SHOWN ARE A REPRESENTATION OF SIZE AND LOCATION ONLY. ACTUAL STYLE AND BRAND OF FIXTURES MAY VARY PER OFFICE LOCATION
- ALL TUBS/SHOWERS ARE TO HAVE NAILERS AT FLANGE
- INSTALL A 24" WIDE WALKWAY FROM ATTIC ACCESS TO FURNACE PLATFORM
- RAILINGS ARE A FORCED OPTION WHEN PORCH IS OVER 30" ABOVE FINISHED GRADE

SPECIAL NOTES:

- COMFORT HEIGHT TOILET IN BATH 3 ONLY.
- BY OWNER DISHWASHER MODEL #LDFN4542S
- BY OWNER MICRO MODEL #WMH31017HZ
- BY OWNER ELECTRIC OVEN MODEL #WGE745COFS
- FRONT, GARAGE AND GARAGE EXT. DOORS TO BE SANTA FE STYLE
- MASTER BATH 24" MAKEUP VANITY / KNEESPACE TO BE DROPPED 3"

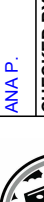
1 FIRST FLOOR PLAN
1/8" = 1'-0"

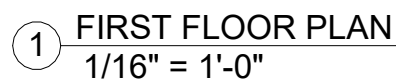
OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%

FINAL CONSTRUCTION PLAN

TO REPORT COPYRIGHT VIOLATIONS CALL (770) 532-1128 THE USE OF THIS PLAN BY ANYONE OTHER THAN AN AGENT OF "AMERICA'S HOME PLACE, INC." IS IN VIOLATION OF THE FEDERAL COPYRIGHT VIOLATION ACT. \$1000 REWARD FOR RECOVERING AN ACTUAL COPYRIGHT INFRINGEMENT.
© COPYRIGHT-ALL RIGHTS RESERVED NOTE: VIOLATORS OF THE COPYRIGHT WILL BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW. THIS WORK IS THE INTELLECTUAL PROPERTY OF AMERICA'S HOME PLACE AND SHALL NOT BE REPRODUCED WITHOUT PERMISSION.

PAPER SIZE: 11" x 17"

SHEET #	PROPERTY OF:	DRAWN BY:	JOB #	THE:	AREAS:	REVISION SCHEDULE			
						REV #	DESCRIPTION	DATE	
F-2	 © COPYRIGHT - 2024	ANA P.	141-25-007	DELAWARE A	FIRST FLOOR HEATED	3,020 SF			
							3,020 SF		
						FRONT PORCH	159 SF		
						GARAGE	848 SF		
						REAR PORCH	131 SF		
						TOTAL UNDER ROOF	1,138 SF		
							4,158 SF		
						REAR DECK	202 SF		
						TOTAL UNCOVERED	202 SF		
SCALE: As indicated									
FIRST FLOOR PLAN				OFFICE: FAYETTEVILLE		SOLD BY: A. VIRT			



SCALE: As indicated		SHEET # F-3	PROPERTY OF:  © COPYRIGHT - 2024	DRAWN BY: ANA P.		JOB # 141-25-007	THE: DELAWARE A	AREAS:		REVISION SCHEDULE		
				CHECKED BY: R.T. / T.R.	2x4 EXTERIOR WALLS	FOR TIMOTHY & AMELIA INMAN, & DONICE HASTINGS 700 TYLERSTONE DR. FUQUAY VARINA NC 27526		FIRST FLOOR HEATED	3,020 SF	REV #	DESCRIPTION	DATE
				PRINTED: 7/1/2025 9:07:25 AM	FOUNDATION TYPE: CRAWLSPACE			FRONT PORCH	159 SF			
								GARAGE	848 SF			
								REAR PORCH	131 SF			
								TOTAL UNDER ROOF	1,138 SF			
									4,158 SF			
								REAR DECK	202 SF			
								TOTAL UNCOVERED	202 SF			
FIRST FLOOR PLAN REDUCED SCALE / GARAGE						OFFICE: FAYETTEVILLE	SOLD BY: A. VIRT					

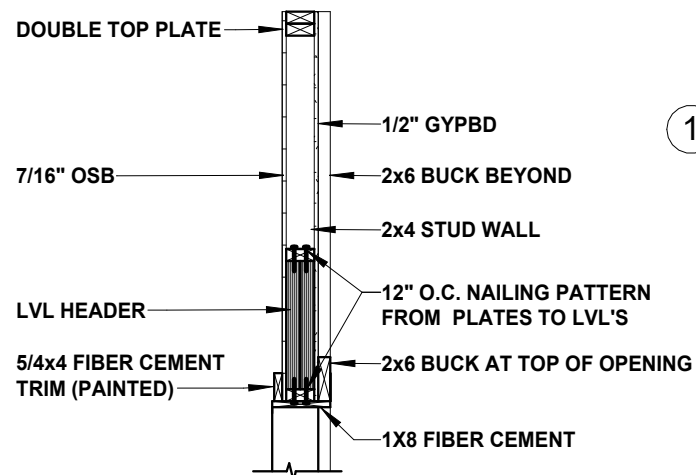
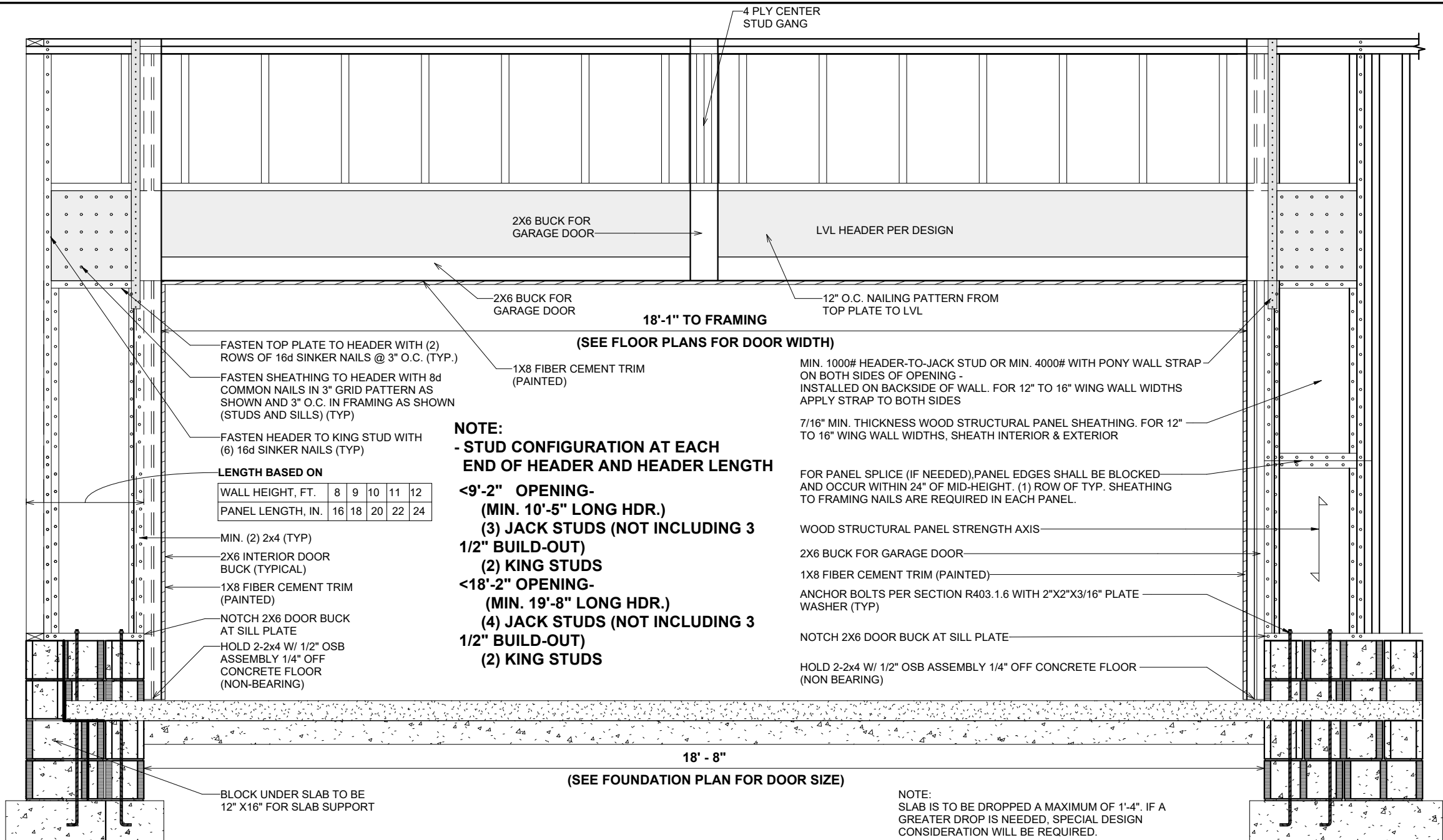
FINAL CONSTRUCTION PLAN

TO REPORT COPYRIGHT VIOLATIONS CALL (770) 532-1128 THE USE OF THIS PLAN BY ANYONE OTHER THAN AN AGENT OF "AMERICA'S HOME PLACE, INC." IS IN VIOLATION OF THE FEDERAL COPYRIGHT VIOLATION ACT. \$1000 REWARD FOR RECOVERING AN ACTUAL COPYRIGHT INFRINGEMENT.
© COPYRIGHT-ALL RIGHTS RESERVED NOTE:VIOLATORS OF THE COPYRIGHT WILL BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW. THIS WORK IS THE INTELLECTUAL PROPERTY OF AMERICA'S HOME PLACE AND SHALL NOT BE REPRODUCED WITHOUT PERMISSION.

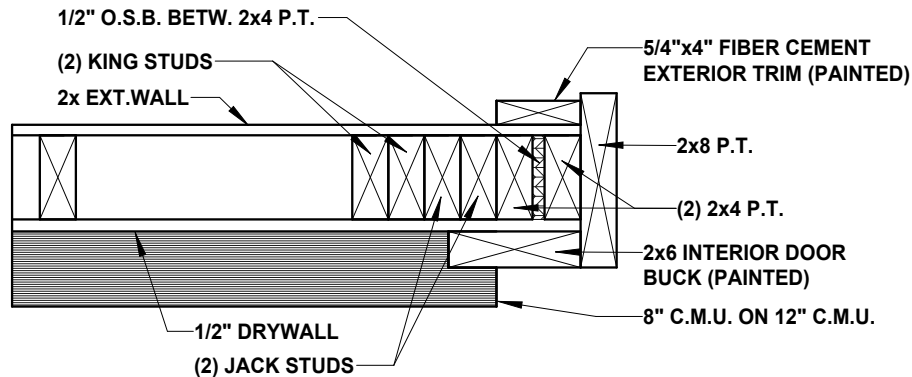
PAPER SIZE: 11" x 17"

SCALE: As indicated

**FIRST FLOOR PLAN REDUCED
SCALE / GARAGE**



510.3 CRAWL GARAGE DOOR PORTAL FRAME DETAIL
(HEADER ABOVE OPENING)
1/2" = 1'-0"



GARAGE DOOR JAMB FRAMING
1 1/2" = 1'-0"

FINAL CONSTRUCTION PLAN

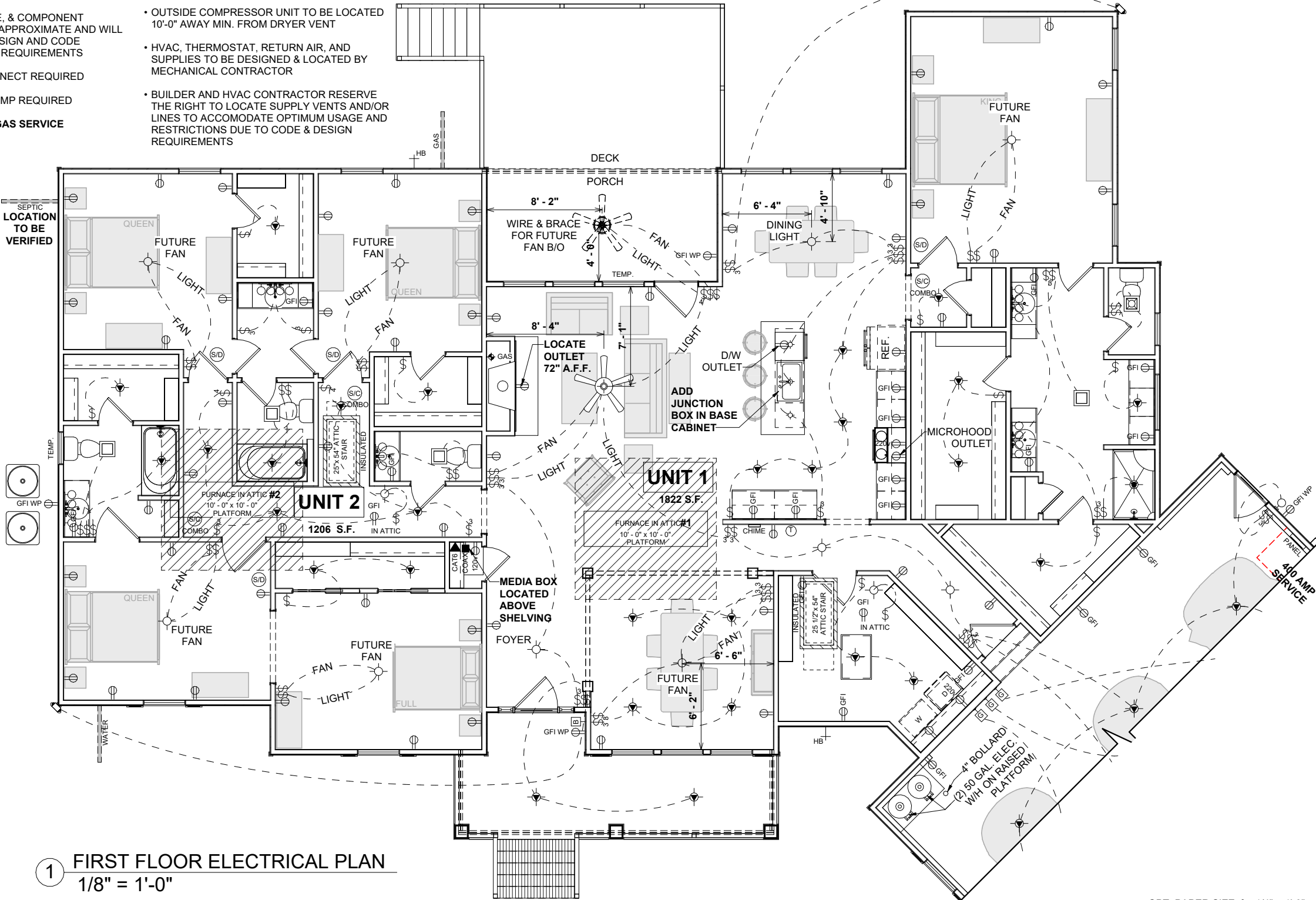
SHEET #		PROPERTY OF:	DRAWN BY:	JOB #	THE:	REVISION SCHEDULE			
G-1			ANA P.	141-25-007	DELAWARE A	AREAS:		3,020 SF	DATE
			CHECKED BY:	2x4 EXTERIOR WALLS	FOR TIMOTHY & AMELIA INMAN, & DONICE HASTINGS	FIRST FLOOR HEATED	3,020 SF	DESCRIPTION	
			R.T. / T.R.			FRONT PORCH	159 SF		
						GARAGE	848 SF		
						REAR PORCH	131 SF		
						TOTAL UNDER ROOF	1,138 SF		
		© COPYRIGHT - 2024	7/1/2025 9:07:26 AM	FOUNDATION TYPE:	700 TYLERSTONE DR. FUQUAY VARINA NC 27526	4,158 SF			
				CRAWLSPACE					
					OFFICE:	SOLD BY:	REAR DECK	202 SF	
					FAYETTEVILLE	A. VIRT	TOTAL UNCOVERED	202 SF	

ELECTRICAL NOTES:

- BRANCH CIRCUITS THAT SUPPLY 125V, SINGLE PHASE, 15 & 20 AMP RECEPTACLE OUTLETS IN ALL ROOMS AS REQUIRED BY CODE, SHALL BE PROTECTED BY ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION TYPE, INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT N.C. ELECT.CODE SECT.210.12(b)
- CONFORM ELECT. WIRING & COMPONENTS TO CURRENT NEC PROVISIONS FOR 1 & 2 FAMILY DWELLINGS AS REQUIRED BY CODE
- OUTLET, FIXTURE, & COMPONENT LOCATIONS ARE APPROXIMATE AND WILL VARY DUE TO DESIGN AND CODE RESTRICTIONS & REQUIREMENTS
- SERVICE DISCONNECT REQUIRED
- CONDENSATE PUMP REQUIRED
- BASE CHARGE- GAS SERVICE

HVAC NOTES:

- FURNACE NOT LOCATED ON HEATED AREA IS TO BE AS CENTRALLY LOCATED AS POSSIBLE IN ACCORDANCE WITH ALL APPLICABLE CODES
- RETURN AIR REGISTERS TO BE AS CLOSE TO FURNACE UNIT & CENTRALLY LOCATED AS POSSIBLE
- OUTSIDE COMPRESSOR UNIT TO BE LOCATED AS CLOSE TO INTERIOR AIR HANDLER AS POSSIBLE
- OUTSIDE COMPRESSOR UNIT TO BE LOCATED 10'-0" AWAY MIN. FROM DRYER VENT
- HVAC, THERMOSTAT, RETURN AIR, AND SUPPLIES TO BE DESIGNED & LOCATED BY MECHANICAL CONTRACTOR
- BUILDER AND HVAC CONTRACTOR RESERVE THE RIGHT TO LOCATE SUPPLY VENTS AND/OR LINES TO ACCOMODATE OPTIMUM USAGE AND RESTRICTIONS DUE TO CODE & DESIGN REQUIREMENTS



ELECTRICAL LEGEND	
LIGHT FIXTURES	
CEILING FAN	
CEILING MOUNT	
COACH / SCONCE	
EXHAUST FAN	
EXHAUST FAN W/ LIGHT	
EXTERIOR FLOOD	
FLUORESCENT - CEILING	
FLUORESCENT - WALL	
LED	
PENDANT	
RECESSED CAN	
RECESSED EYEBALL CAN	
UNDER / OVER CABINET LIGHT	
VANITY	
ELECTRICAL FIXTURES	
DOOR BELL BUTTON	
DOOR BELL CHIME	
GARAGE DOOR OPENER	
MEDIA	
OUTLET	
OUTLET - CEILING	
OUTLET - FLOOR	
OUTLET - GFI	
OUTLET - 220v	
METER	
SWITCH	
SMOKE & CARBON DETECTOR	
SMOKE DETECTOR	
THERMOSTAT	

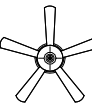
SHEET #		PROPERTY OF:	DRAWN BY:	JOB #	THE:	REVISION SCHEDULE					
H-1			ANA P.	141-25-007	DELAWARE A	AREAS:		REV #	DESCRIPTION	DATE	
			CHECKED BY:			FIRST FLOOR HEATED	3,020 SF	3,020 SF			
			R.T. / T.R.			FRONT PORCH	159 SF	159 SF			
						GARAGE	848 SF	848 SF			
						REAR PORCH	131 SF	131 SF			
			PRINTED: 7/1/2025 9:07:27 AM		700 TYLERSTONE DR. FUQUAY VARINA NC 27526	TOTAL UNDER ROOF		1,138 SF	4,158 SF		
					OFFICE: FAYETTEVILLE	SOLD BY: A. VIRT		REAR DECK	202 SF	202 SF	
								TOTAL UNCOVERED	202 SF	202 SF	

FINAL CONSTRUCTION PLAN

OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%

1 FIRST FLOOR ELECTRICAL PLAN
1/8" = 1'-0"



ELECTRICAL LEGEND	
LIGHT FIXTURES	
CEILING FAN	
CEILING MOUNT	
COACH / SCONCE	
EXHAUST FAN	
EXHAUST FAN W/ LIGHT	
EXTERIOR FLOOD	
FLUORESCENT - CEILING	
FLUORESCENT - WALL	
LED	
PENDANT	
RECESSED CAN	
RECESSED EYEBALL CAN	
UNDER / OVER CABINET LIGHT	
VANITY	
ELECTRICAL FIXTURES	
DOOR BELL BUTTON	
DOOR BELL CHIME	
GARAGE DOOR OPENER	
MEDIA	 TV  PH  DATA
OUTLET	
OUTLET - CEILING	
OUTLET - FLOOR	
OUTLET - GFI	 GFI  GFI W/FC
OUTLET - 220v	
SWITCH	 3  4  D
SMOKE & CARBON DETECTOR	
SMOKE DETECTOR	
THERMOSTAT	

SCALE: 1/8" = 1'-0"		SHEET #	PROPERTY OF:		DRAWN BY:	JOB #	THE:	AREAS:		REVISION SCHEDULE			
H-2			© COPYRIGHT - 2024	DRAWN BY:	ANA P.	141-25-007	DELAWARE A	FIRST FLOOR HEATED	3,020 SF	REV #	DESCRIPTION	DATE	
				CHECKED BY:	R.T. / T.R.	2x4 EXTERIOR WALLS	TIMOTHY & AMELIA INMAN, & DONICE HASTINGS		FRONT PORCH	159 SF			
						GARAGE			848 SF				
						REAR PORCH			131 SF				
					PRINTED:	7/1/2025 9:07:28 AM	FOUNDATION TYPE:	CRAWLSPACE	700 TYLERSTONE DR. FUQUAY VARINA NC 27526		TOTAL UNDER ROOF	1,138 SF	
GARAGE ELECTRICAL PLAN			OFFICE:	FAYETTEVILLE	SOLD BY:	A. VIRT	REAR DECK	202 SF					
							TOTAL UNCOVERED	202 SF					

OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%

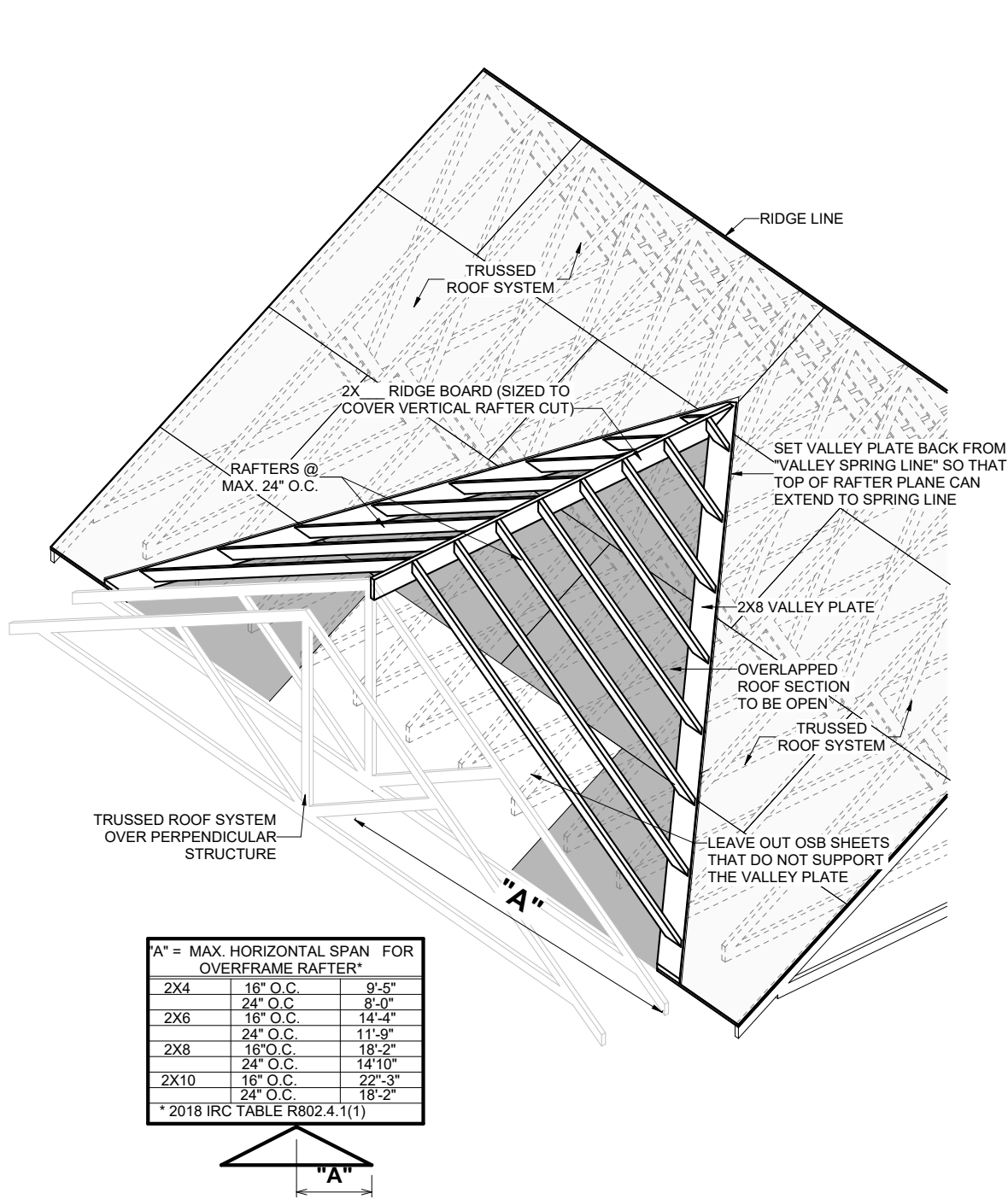
FINAL CONSTRUCTION PLAN

TO REPORT COPYRIGHT VIOLATIONS CALL (770) 532-1128 THE USE OF THIS PLAN BY ANYONE OTHER THAN AN AGENT OF "AMERICA'S HOME PLACE, INC." IS IN VIOLATION OF THE FEDERAL COPYRIGHT VIOLATION ACT. \$1000 REWARD FOR RECOVERING AN ACTUAL COPYRIGHT INFRINGEMENT.
© COPYRIGHT-ALL RIGHTS RESERVED NOTE:VIOLATORS OF THE COPYRIGHT WILL BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW. THIS WORK IS THE INTELLECTUAL PROPERTY OF AMERICA'S HOME PLACE AND SHALL NOT BE REPRODUCED WITHOUT PERMISSION.

PAPER SIZE: 11" x 17"

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

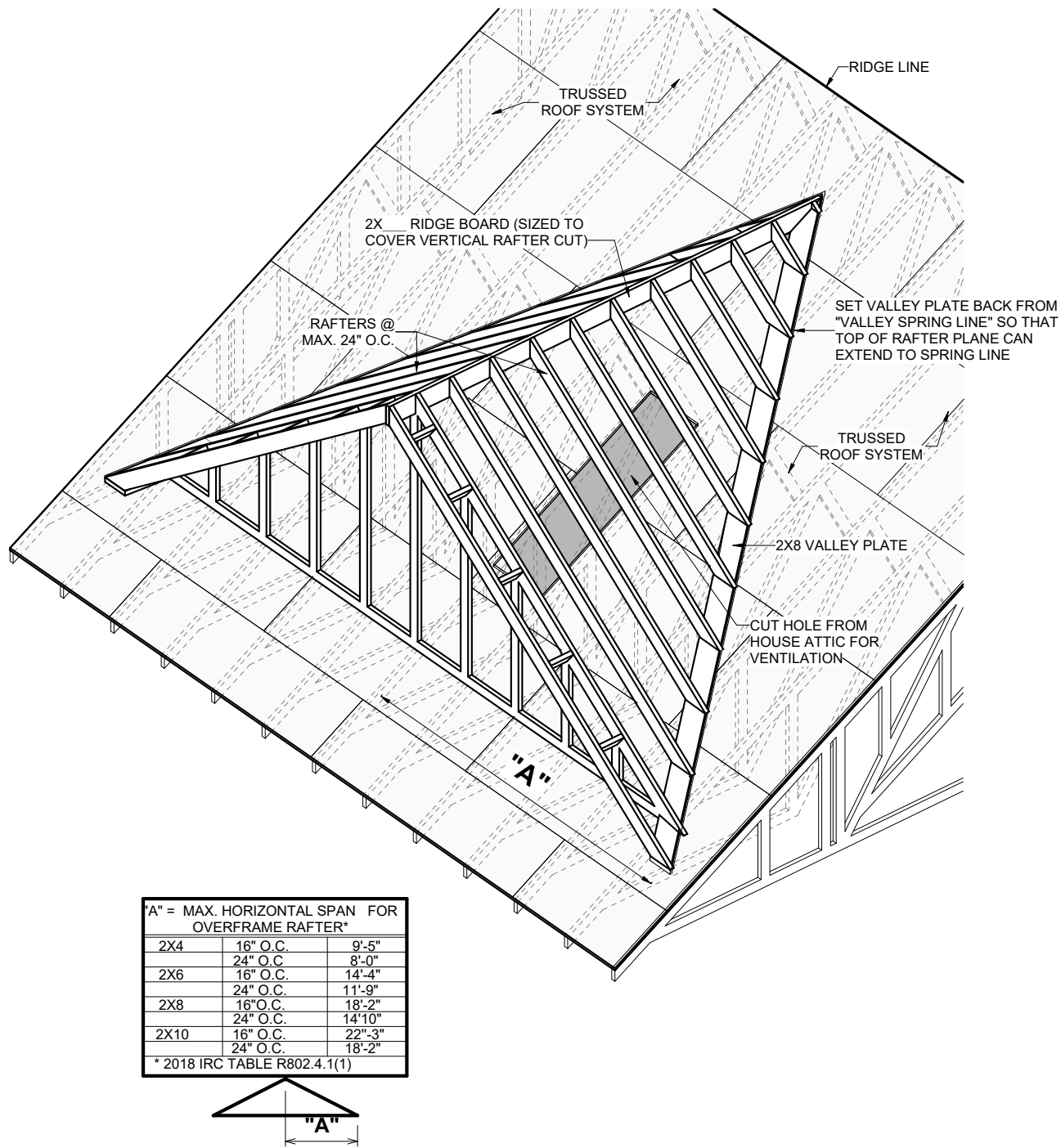
Garage Electrical Plan



"A" = MAX. HORIZONTAL SPAN FOR OVERFRAME RAFTER*		
2X4	16" O.C.	9'-5"
	24" O.C.	8'-0"
2X6	16" O.C.	14'-4"
	24" O.C.	11'-9"
2X8	16" O.C.	18'-2"
	24" O.C.	14'-10"
2X10	16" O.C.	22'-3"
	24" O.C.	18'-2"
* 2018 IRC TABLE R802.4.1(1)		



1 ROOF OVERFRAMING DETAIL @ INTERSECTION
1/4" = 1'-0"



"A" = MAX. HORIZONTAL SPAN FOR OVERFRAME RAFTER*		
2X4	16" O.C.	9'-5"
	24" O.C.	8'-0"
2X6	16" O.C.	14'-4"
	24" O.C.	11'-9"
2X8	16" O.C.	18'-2"
	24" O.C.	14'-10"
2X10	16" O.C.	22'-3"
	24" O.C.	18'-2"
* 2018 IRC TABLE R802.4.1(1)		

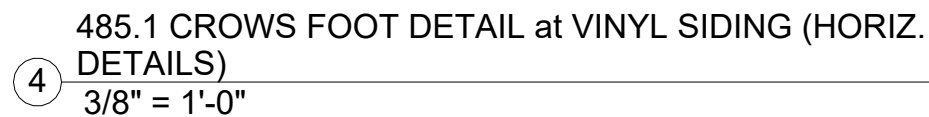


2 ROOF OVERFRAMING DETAIL @ GABLE DORMER
1/4" = 1'-0"

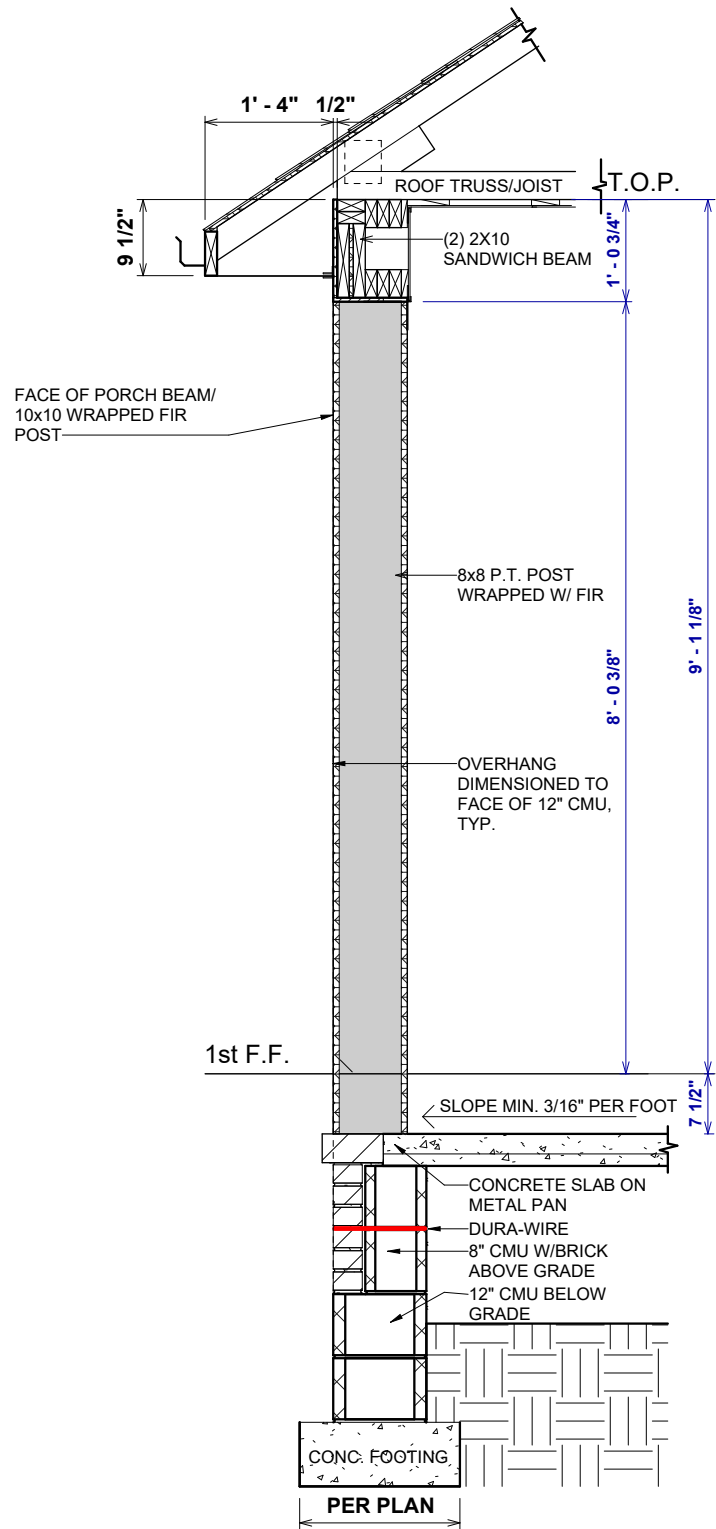
OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%

FINAL CONSTRUCTION PLAN

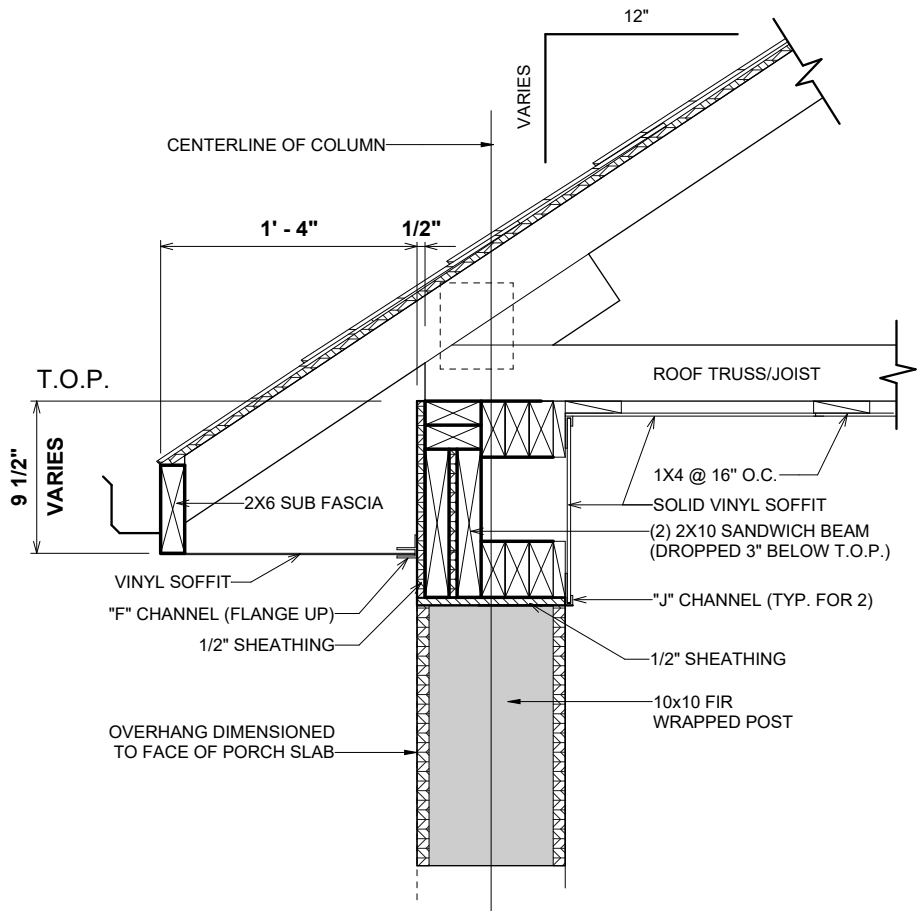
SHEET #		PROPERTY OF:	DRAWN BY:	JOB #	THE:	REVISION SCHEDULE						
S-1		 © COPYRIGHT - 2024	ANA P.	141-25-007	DELAWARE A	AREAS:	FIRST FLOOR HEATED	3,020 SF	REV #	DESCRIPTION	DATE	
			CHECKED BY:	2x4 EXTERIOR WALLS	FOR	FRONT PORCH	3,020 SF					
			R.T. / T.R.	FOUNDATION TYPE:	MORTIMOTHY & AMELIA INMAN, & DONICE HASTINGS	GARAGE	159 SF					
			PRINTED:	CRAWLSPACE	700 TYLERSTONE DR. FUQUAY VARINA NC 27526	REAR PORCH	848 SF					
			7/1/2025 9:07:29 AM			TOTAL UNDER ROOF	1,138 SF					
		ROOFING DETAILS				OFFICE:	SOLD BY:	REAR DECK	202 SF			
						FAYETTEVILLE	A. VIRT	TOTAL UNCOVERED	202 SF			



FINAL CONSTRUCTION PLAN



4 10" PORCH COLUMN CONCRETE
1/2" = 1'-0"



1 10" COLUMN AT EAVE
1" = 1'-0"

OPT. PAPER SIZE: for 1/4" = 1'-0" on 24" x 36" PAPER SIZE ENLARGE PRINTS TO 200%

FINAL CONSTRUCTION PLAN

SHEET #		PROPERTY OF:	DRAWN BY:	JOB #	THE:	REVISION SCHEDULE				
S-3		 © COPYRIGHT - 2024	ANA P.	141-25-007	DELAWARE A	FIRST FLOOR HEATED	3,020 SF	REV #	DESCRIPTION	DATE
			CHECKED BY:	2x4 EXTERIOR WALLS	FOR	FRONT PORCH	3,020 SF			
			R.T. / T.R.	FOUNDATION TYPE:	THOMOTHY & AMELIA INMAN, & DONICE HASTINGS	GARAGE	159 SF			
			PRINTED:	CRAWLSPACE	700 TYLERSTONE DR. FUQUAY VARINA NC 27526	REAR PORCH	131 SF			
			7/1/2025 9:07:31 AM			TOTAL UNDER ROOF	1,138 SF			
						REAR DECK	4,158 SF			
								TOTAL UNCOVERED	202 SF	
SCALE: As indicated										
10" COLUMN DETAILS										

FRAMING DETAILS



AM104.1.1 ALL STRUCTURES EXCEPT BRICK VENEER STRUCTURES



STANDARD DECK DETAILS

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for engineering and permanent marking of the roof and floor system and for the overall structure. The design of the truss support structure including bearing, bracing, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult ICC-ES E-1000 and E-1001 provided with the truss delivery package or online @ secondary.com

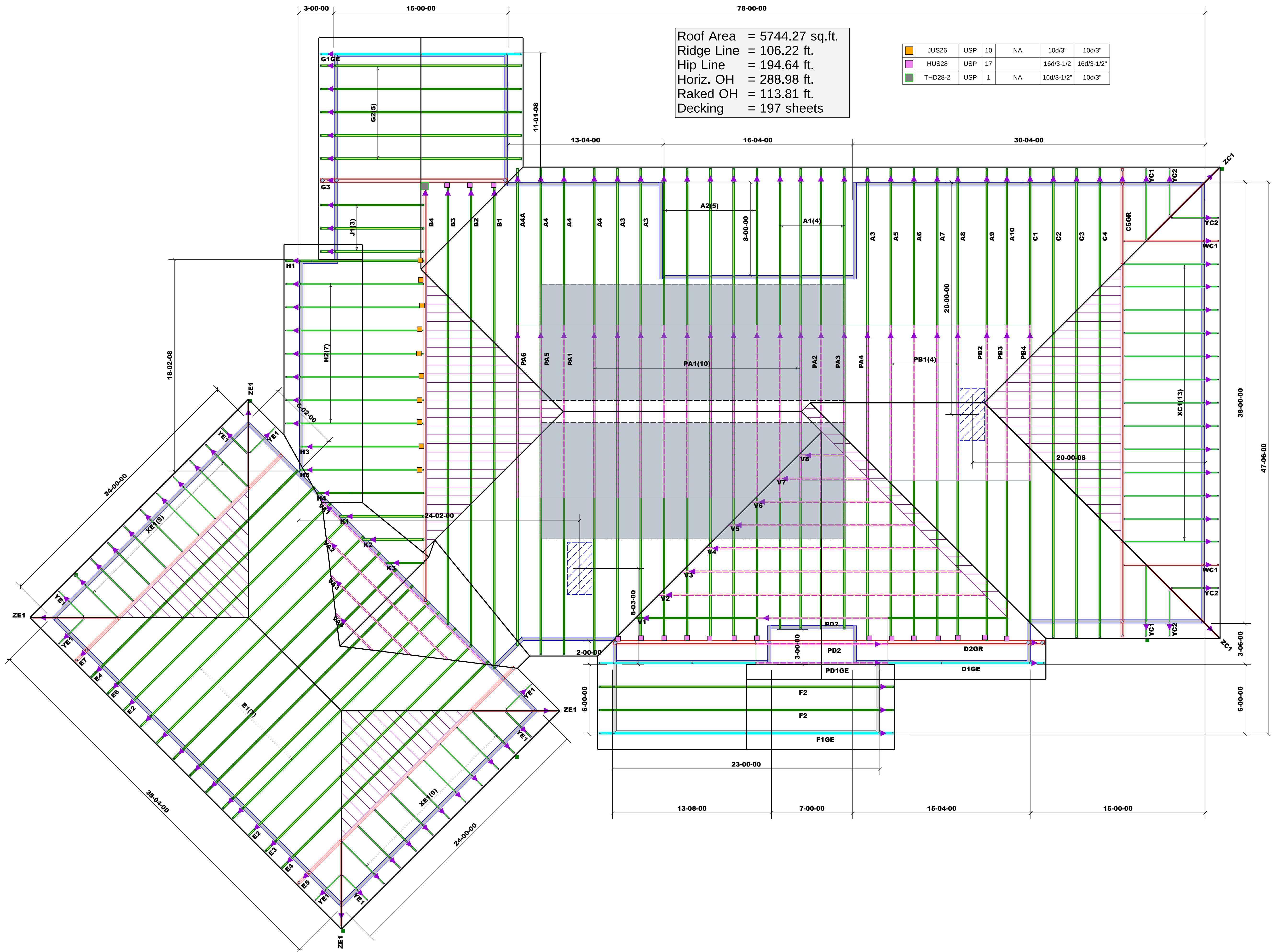
Bearing reactions less than or equal to 2000# are deemed to comply with the prescriptive Code requirements. The contractor shall refer to the attached Tables (derived from the prescriptive Code requirements) to determine the minimum foundation size and number of wood studs required to support reactions greater than 2000# but not greater than 15000#. A registered design professional shall be retained to design the support system for any reaction that exceeds those specified in the attached Tables. A registered design professional shall be retained to design the support system for all reactions that exceed 15000#.

Signature: *Bob Lewis*
Bob Lewis

CITY / CO.	FQJWAY VARINA / WAKE
ADDRESS	TYLERSTONE DR
MODEL	ROOF
DATE REV.	06/11/25
DRAWN BY	Bob Lewis
SALES REP.	Bob Lewis

AHP	141-25-007 INMAN
BUILDER	DELWARE A
JOB NAME	Plan 5.15.2025
PLAN	B0625-3026
SEAL DATE	Order #
QUOTE #	
JOB #	

LOAD CHART FOR JACK STUDS									
BASED ON TABLES ENEC 2018 & 2019									
NUMBER OF JACK STUDS REQUIRED @ EA END OF HEADERS/ORDER									
REQ. JACK STUDS FOR 1" x 12" (2" x 12")	REQ. JACK STUDS FOR 2" x 12" (4" x 12")	REQ. JACK STUDS FOR 3" x 12" (6" x 12")	REQ. JACK STUDS FOR 4" x 12" (8" x 12")	REQ. JACK STUDS FOR 6" x 12" (12" x 12")	REQ. JACK STUDS FOR 8" x 12" (16" x 12")	REQ. JACK STUDS FOR 10" x 12" (20" x 12")	REQ. JACK STUDS FOR 12" x 12" (24" x 12")	REQ. JACK STUDS FOR 14" x 12" (28" x 12")	REQ. JACK STUDS FOR 16" x 12" (32" x 12")
1700 1	2550 1	3400 1	5100 1	6800 1	8500 1	10200 1	11900 1	13600 1	15300 1
3400 2	5100 2	6800 2	8500 2	10200 2	11900 2	13600 2	15300 2	17000 2	18700 2
5100 3	7650 3	10200 3	12750 3	15300 3	17000 3	18700 3	20400 3	22100 3	23800 3
6800 4	10200 4	13600 4	17000 4	20400 4	23800 4	27200 4	30600 4	34000 4	37400 4
8500 5	12750 5	17000 5	20400 5	23800 5	27200 5	30600 5	34000 5	37400 5	40800 5
10200 6	15300 6	20400 6	23800 6	27200 6	30600 6	34000 6	37400 6	40800 6	44200 6
11900 7									
13600 8									
15300 9									



Truss Placement Plan
SCALE: NTS

▲ = Indicates Left End of Truss
(Reference Engineered Truss Drawing)
Do NOT Erect Truss Backwards

Project: TIMOTHY AND AMELIA INMAN

Location: REAR PORCH BEAM

Roof Beam

Roof Beam [2021 International Building Code(2018 NDS)

(2) 1.75 IN x 9.25 IN x 16.34 FT

1.9E-2600F - APA EWS LVL Stress Classes

Section Adequate By: 326.8%

Controlling Factor: Deflection



The Vitruvius Project, Inc.

page

of

StruCalc Version 11.1.8.0

7/22/2025 1:54:58 PM

CAUTIONS

* Laminations are to be fully connected to provide uniform transfer of loads to all members

DEFLECTIONS

Center

Live Load 0.10 IN L/2001

Dead Load 0.09 in

Total Load 0.19 IN L/1024

Live Load Deflection Criteria: L/360 Total Load Deflection Criteria: L/240

REACTIONS

A

B

Live Load 219 lb 219 lb

Dead Load 209 lb 209 lb

Total Load 428 lb 428 lb

Bearing Length 0.17 in 0.17 in

BEAM DATA

Span Length 16.3 ft

Unbraced Length-Top 2 ft

Unbraced Length-Bottom 0 ft

Roof Pitch 8 :12

Roof Duration Factor 1.15

Notch Depth 0.00

MATERIAL PROPERTIES

1.9E-2600F - APA EWS LVL Stress Classes

Base Values

Adjusted

Bending Stress: Fb = 2600 psi Fb' = 3072 psi

Cd=1.15 Cl=0.99 CF=1.03

Shear Stress: Fv = 285 psi Fv' = 328 psi

Cd=1.15

Modulus of Elasticity: E = 1900 ksi E' = 1900 ksi

Comp. $\perp$ to Grain: Fc - $\perp$ = 700 psi Fc - $\perp$ ' = 700 psi

Controlling Moment: 1747 ft-lb

8.17 ft from left support

Created by combining all dead and live loads.

Controlling Shear: -428 lb

At support.

Created by combining all dead and live loads.

Comparisons with required sections:

Req'd

Provided

Section Modulus: 6.82 in3 49.91 in3

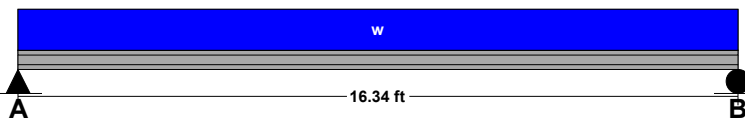
Area (Shear): 1.96 in2 32.38 in2

Moment of Inertia (deflection): 54.08 in4 230.84 in4

Moment: 1747 ft-lb 12777 ft-lb

Shear: -428 lb 7074 lb

LOADING DIAGRAM



ROOF LOADING

Side One:

Roof Live Load: LL = 20 psf

Roof Dead Load: DL = 10 psf

Tributary Width: TW = 1.3 ft

Side Two:

Roof Live Load: LL = 0 psf

Roof Dead Load: DL = 0 psf

Tributary Width: TW = 0 ft

Wall Load: WALL = 0 plf

SLOPE/PITCH ADJUSTED LENGTHS AND LOADS

Adjusted Beam Length: Ladj = 16.34 ft

Beam Self Weight: BSW = 9 plf

Beam Uniform Live Load: wL = 27 plf

Beam Uniform Dead Load: wD_adj = 26 plf

Total Uniform Load: wT = 52 plf

Project: TIMOTHY AND AMELIA INMAN

Location: FRONT DOOR HEADER

Roof Beam

Roof Beam [2021 International Building Code(2018 NDS)

(2) 1.75 IN x 9.25 IN x 5.5 FT

1.9E-2600F - APA EWS LVL Stress Classes

Section Adequate By: 371.4%

Controlling Factor: Shear



The Vitruvius Project, Inc.

page

of

StruCalc Version 11.1.8.0

7/22/2025 1:41:51 PM

CAUTIONS

* Laminations are to be fully connected to provide uniform transfer of loads to all members

DEFLECTIONS

Center

Live Load 0.02 IN L/4261

Dead Load 0.01 in

Total Load 0.03 IN L/2577

Live Load Deflection Criteria: L/360 Total Load Deflection Criteria: L/240

REACTIONS

A

B

Live Load 908 lb 908 lb

Dead Load 593 lb 593 lb

Total Load 1501 lb 1501 lb

Bearing Length 0.61 in 0.61 in

BEAM DATA

Span Length 5.5 ft

Unbraced Length-Top 2 ft

Unbraced Length-Bottom 0 ft

Roof Pitch 9 :12

Roof Duration Factor 1.15

Notch Depth 0.00

MATERIAL PROPERTIES

1.9E-2600F - APA EWS LVL Stress Classes

Base Values

Adjusted

Bending Stress: Fb = 2600 psi Fb' = 3072 psi

Cd=1.15 Cl=0.99 CF=1.03

Shear Stress: Fv = 285 psi Fv' = 328 psi

Cd=1.15

Modulus of Elasticity: E = 1900 ksi E' = 1900 ksi

Comp. $\perp$ to Grain: Fc - $\perp$ = 700 psi Fc - $\perp$ ' = 700 psi

Controlling Moment: 2063 ft-lb

2.75 ft from left support

Created by combining all dead and live loads.

Controlling Shear: 1501 lb

At support.

Created by combining all dead and live loads.

Comparisons with required sections:

Req'd

Provided

Section Modulus: 8.06 in3 49.91 in3

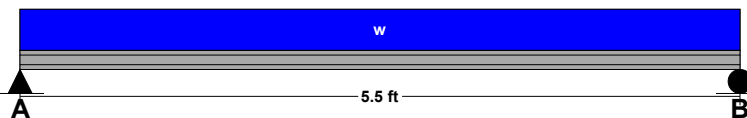
Area (Shear): 6.87 in2 32.38 in2

Moment of Inertia (deflection): 21.5 in4 230.84 in4

Moment: 2063 ft-lb 12777 ft-lb

Shear: 1501 lb 7074 lb

LOADING DIAGRAM



ROOF LOADING

Side One:

Roof Live Load: LL = 20 psf

Roof Dead Load: DL = 10 psf

Tributary Width: TW = 15.5 ft

Side Two:

Roof Live Load: LL = 20 psf

Roof Dead Load: DL = 10 psf

Tributary Width: TW = 1 ft

Wall Load: WALL = 0 plf

SLOPE/PITCH ADJUSTED LENGTHS AND LOADS

Adjusted Beam Length: Ladj = 5.5 ft

Beam Self Weight: BSW = 9 plf

Beam Uniform Live Load: wL = 330 plf

Beam Uniform Dead Load: wD_adj = 216 plf

Total Uniform Load: wT = 546 plf

Project: TIMOTHY AND AMELIA INMAN

Location: GARAGE DOOR BEAMS

Roof Beam

Roof Beam [2021 International Building Code(2018 NDS)

(2) 1.75 IN x 14.0 IN x 9.67 FT

1.9E-2600F - APA EWS LVL Stress Classes

Section Adequate By: 1513.5%

Controlling Factor: Shear



The Vitruvius Project, Inc.

page

of

StruCalc Version 11.1.8.0

7/22/2025 1:57:20 PM

CAUTIONS

* Laminations are to be fully connected to provide uniform transfer of loads to all members

DEFLECTIONS

Center

Live Load 0.01 IN L/MAX

Dead Load 0.01 in

Total Load 0.02 IN L/6536

Live Load Deflection Criteria: L/360 Total Load Deflection Criteria: L/240

REACTIONS

A

B

Live Load 371 lb 371 lb

Dead Load 292 lb 292 lb

Total Load 663 lb 663 lb

Bearing Length 0.27 in 0.27 in

BEAM DATA

Span Length 9.7 ft

Unbraced Length-Top 2 ft

Unbraced Length-Bottom 0 ft

Roof Pitch 8 :12

Roof Duration Factor 1.15

Notch Depth 0.00

MATERIAL PROPERTIES

1.9E-2600F - APA EWS LVL Stress Classes

Base Values

Adjusted

Bending Stress: Fb = 2600 psi Fb' = 2909 psi

Cd=1.15 Cl=0.99 CF=0.98

Shear Stress: Fv = 285 psi Fv' = 328 psi

Cd=1.15

Modulus of Elasticity: E = 1900 ksi E' = 1900 ksi

Comp. $\perp$ to Grain: Fc - $\perp$ = 700 psi Fc - $\perp$ ' = 700 psi

Controlling Moment: 1604 ft-lb

4.835 ft from left support

Created by combining all dead and live loads.

Controlling Shear: 664 lb

At support.

Created by combining all dead and live loads.

Comparisons with required sections:

Req'd

Provided

Section Modulus: 6.62 in3 114.33 in3

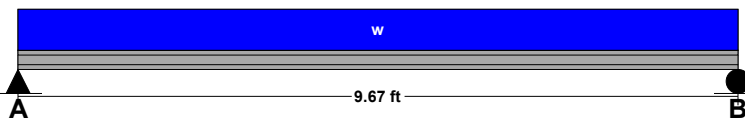
Area (Shear): 3.04 in2 49 in2

Moment of Inertia (deflection): 29.39 in4 800.33 in4

Moment: 1604 ft-lb 27715 ft-lb

Shear: 664 lb 10707 lb

LOADING DIAGRAM



ROOF LOADING

Side One:

Roof Live Load: LL = 20 psf

Roof Dead Load: DL = 10 psf

Tributary Width: TW = 2.5 ft

Side Two:

Roof Live Load: LL = 20 psf

Roof Dead Load: DL = 10 psf

Tributary Width: TW = 1.3 ft

Wall Load: WALL = 0 plf

SLOPE/PITCH ADJUSTED LENGTHS AND LOADS

Adjusted Beam Length: Ladj = 9.67 ft

Beam Self Weight: BSW = 14 plf

Beam Uniform Live Load: wL = 77 plf

Beam Uniform Dead Load: wD_adj = 60 plf

Total Uniform Load: wT = 137 plf