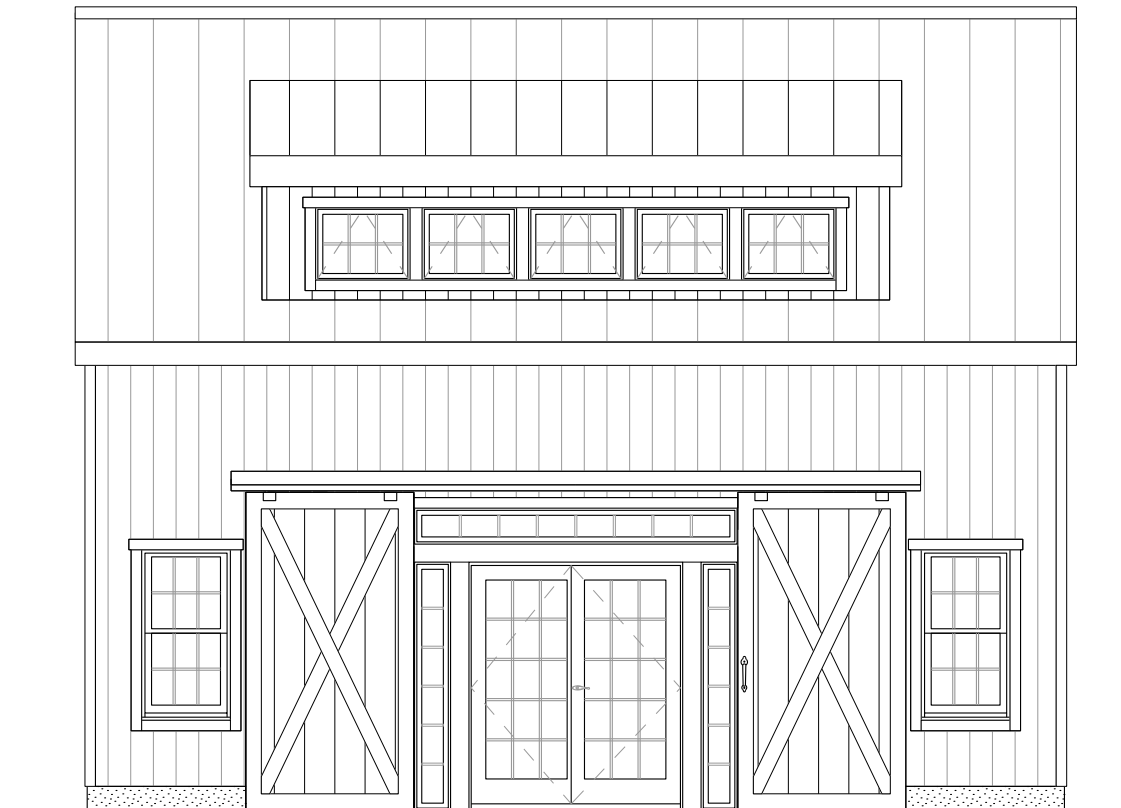


PLYMOUTH CARRIAGE BARN KIT FOR:

**JEFF & COLLEEN GANGL**

17 KENNADAY RD  
MENDHAM, NJ 07945



18' x 26' POST & BEAM CARRIAGE BARN KIT

REVISION DATE: 03/13/2023

REVISION #: 3

DESIGNED & FABRICATED BY:



**DRAWING LIST**

COVER	TITLE SHEET & DESIGN DATA
SHEET 1	ELEVATIONS
SHEET 2	FOUNDATION PLAN
SHEET 3	POST PLAN
SHEET 4	FRAMING PLANS
SHEET 5	FRAMING SECTIONS
SHEET 6	UTILITY CHASE DETAILS
SHEET 7	NOTES & DETAILS

**THE BARN YARD**

MANUFACTURING & DESIGN FACILITY  
9 VILLAGE ST.  
ELLINGTON, CT 06029  
860.454.9103

SHOWCASE LOCATIONS  
120 WEST RD. RTE. 6  
ELLINGTON, CT 06029 BETHEL, CT 06801  
860.896.0636 203.740.7433

[www.greatcountrygarages.com](http://www.greatcountrygarages.com) CT LICENSE # 558916 MA LICENSE # 127550

NOTE:  
ELEVATIONS & RENDERINGS  
ARE ARTISTS CONCEPTIONS.  
COLOR AND OPTION STYLES  
MAY DIFFER FROM ACTUAL  
CONSTRUCTION.

PROJECT NO. 7617

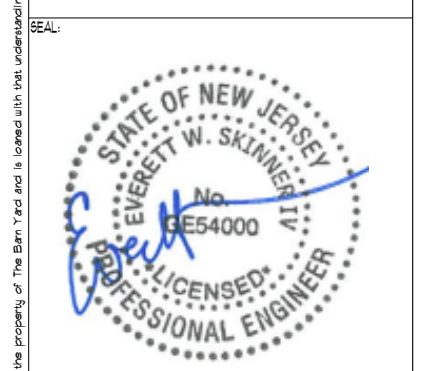
PRINT DATE: 03.22.2023



BUILDING CODE:  
2015 INTERNATIONAL BUILDING CODE AND 2018

DESIGN NOTES:  
DEAD LOADS: SECOND FLOOR: 15 PSF  
ROOF: 15 PSF  
LIVE LOADS: SECOND FLOOR: 40 PSF  
ROOF: 20 PSF  
SNOW LOADS: ROOF: 35 PSF  
WIND LOADS: BASIC WIND SPEED(V): III MPH (3 SEC. GUST)  
TIMBER NOTES:  
SPECIES: EASTERN WHITE PINE  
GRADE: #2 OR BETTER  
SURFACE: S4S  
SIZING: 1/2" UNDER ROUGH DIM. (8X8 + 1.5"X1.5")  
CHAMFERS: (NONE)  
FINISH: (NONE)  
FASTENER NOTES:  
STEEL:  
- BOLTS, NUTS, WASHERS: DIA. AS NOTED, GALVANIZED, GRADE A307  
TIMBER FRAME:  
- TRADITIONAL MORTISE & TENON JOINERY 1/3" DIA. OAK PEGS AT BEAM CONNECTIONS.  
- TRADITIONAL WOOD CONNECTIONS TO BE SUPPLEMENTED BY STRUCTURAL WOOD SCREWS AS NOTED.

NO.	DATE	REVISIONS / SUBMISSIONS



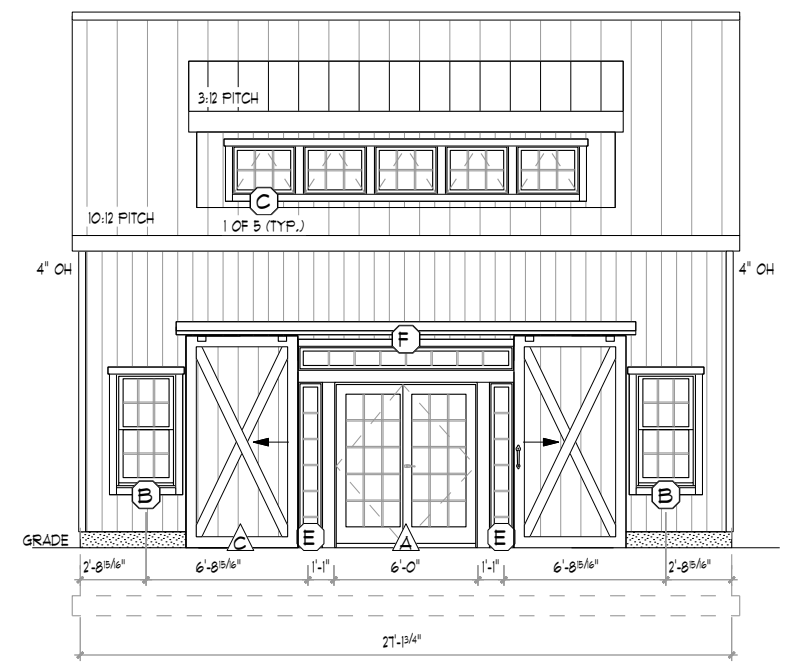
PROJECT TITLE:  
PLYMOUTH CARRIAGE BARN KIT FOR:  
JEFF & COLLEEN GANGL  
17 KENNADAY RD  
MENDHAM, NJ 07945

## ELEVATIONS

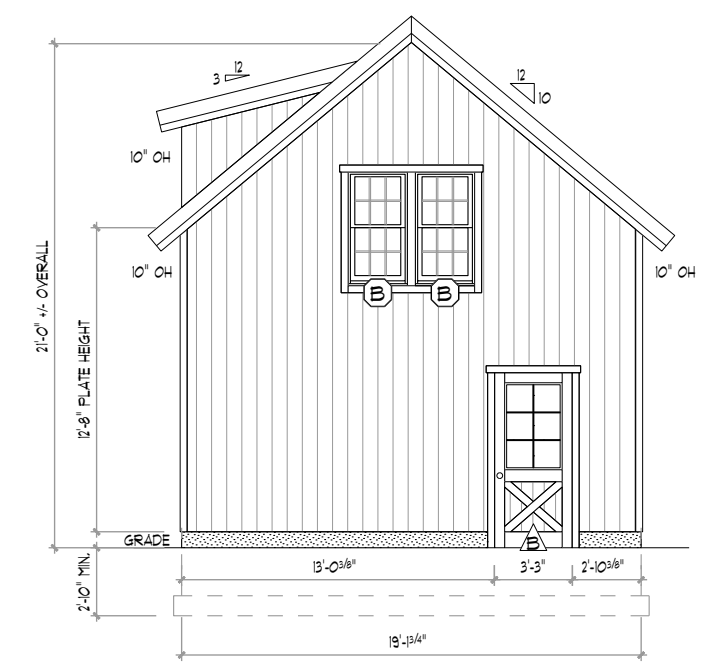
DATE: 03-22-23	SCALE: AS NOTED
DRAWN BY: LND	TF-1 OF 1
CHK BY: EWS	
PROJECT ID: 7617	

BUILDING MATERIAL SCHEDULE		
ITEM	DESCRIPTION	FINISH / COLOR
<b>ROOF ASSEMBLY</b>		
ROOF DECKING	1x8 T&G PINE V-GROOVE DECKING	N/A
ROOF INSULATION	10.125" EPS 61PS	N/A
WEATHER BARRIER	#15 FELT PAPER	N/A
VENT LAYER	1x3 VERT. FURRING @ 24" O.C.	N/A
ROOFING	METAL ROOFING (BY OTHERS)	TBD
FASCIAS	1x PINE w/ 1x3 PINE SHADOW BOARD	NONE
OVERHANGS	1x SHIPLAP PINE	NONE
RAKES	1x PINE w/ 1x3 PINE SHADOW BOARD	NONE
<b>WALL ASSEMBLY</b>		
INTERIOR SIDING	1x8 VERTICAL SHIPLAP PINE SIDING	NONE
WALL INSULATION	4.5" NEO 61PS	NONE
UTILITY CHASE	2x4 FURRING @ 24" O.C. VERT. (BY OTHERS)	N/A
WEATHER BARRIER	FELT PAPER	N/A
VENT LAYER	1x3 FURRING @ 24" O.C. VERT.	NONE
EXTERIOR SIDING	1x8 VERTICAL SHIPLAP PINE SIDING	NONE
EXTERIOR TRIM	1x4 PINE	NONE

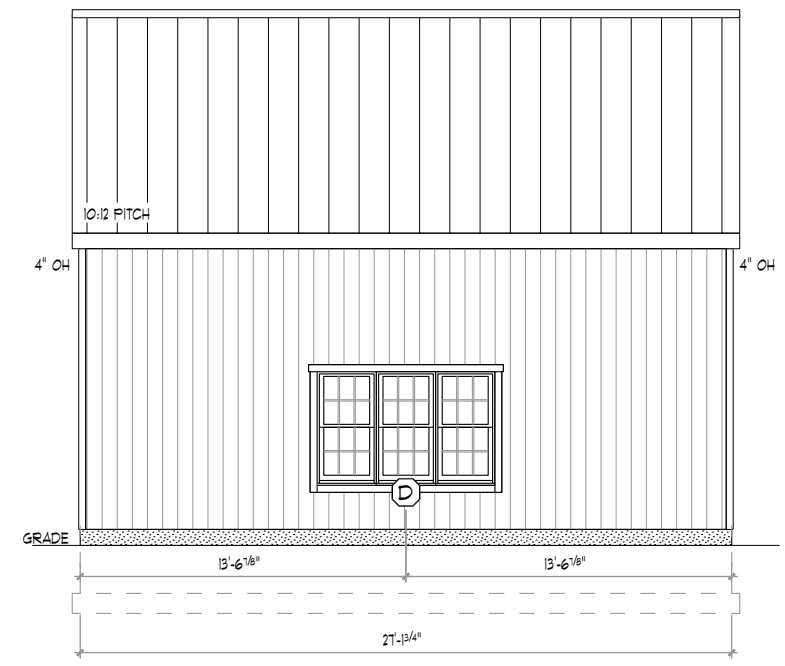
NOTE: ALL 1X PINE FOR FASCIAS, RAKES, SOFFITS & TRIM SHALL BE CUT FROM 1x8 PINE SHIPLAP SIDING



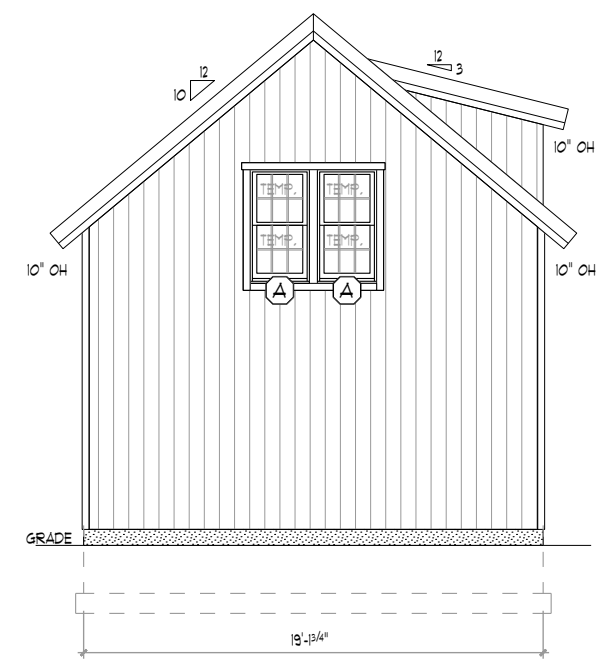
**1 FRONT ELEVATION**  
TF-1 SCALE: 1/8" = 1'-0"



**3 RIGHT ELEVATION**  
TF-1 SCALE: 1/8" = 1'-0"



**2 REAR ELEVATION**  
TF-1 SCALE: 1/8" = 1'-0"



**4 LEFT ELEVATION**  
TF-1 SCALE: 1/8" = 1'-0"

**TBY CONSTRUCTION SCOPE OF SERVICES**

SUPPLIED BY TBY AND INSTALLED BY OTHERS:

- STRUCTURAL TIMBER FRAME COMPONENTS
- WINDOWS & DOORS
- 1x8 T&G PINE V-GROOVE LOFT FLOORING
- 1x8 T&G PINE V-GROOVE ROOF DECKING
- 1x8 SHIPLAP PINE SIDING & TRIM
- HARDWARE KITS FOR SPLIT SLIDER DOORS
- WALL & ROOF SIPS

EXCLUSIONS INCLUDE BUT ARE NOT LIMITED TO:

- FOUNDATION
- ROOFING MATERIAL
- UTILITY CHASE

PER CONTRACT NO. 7617 AND ANY APPROVED CHANGE ORDERS

ANDERSEN 400 SERIES WINDOW SCHEDULE					
LETTER	QTY	MODEL	COLOR	TEMP.	RGH. OPG (WxH)
(A)	2	2446 DOUBLE HUNG	BLACK	YES	2'-6 1/8" x 4'-8 7/8"
(B)	4	2446 DOUBLE HUNG	BLACK	NO	2'-6 1/8" x 4'-8 7/8"
(C)	5	A281 AWNING	BLACK	NO	2'-8" x 2'-0 5/8"
(D)	1	2446-3	BLACK	NO	7'-5 5/8" x 4'-8 7/8"

ANDERSEN A SERIES WINDOW SCHEDULE					
LETTER	QTY	MODEL	COLOR	TEMP.	RGH. OPG (WxH)
(E)	2	FU9LD-119611	BLACK	YES	1'-3" x 6'-11"
(F)	1	FUTDS CUSTOM	BLACK	NO	113" x 12"

DOOR SCHEDULE					
LETTER	QTY	MANUF.	MODEL	COLOR	RGH. OPG (WxH)
(A)	1	ANDERSEN	A SERIES 60611 HINGED DOUBLE PATIO DOOR W/ ALBANY HANDLE, COLONIAL GRILLE & 3.5" FLAT LOW-E4 GLASS TRIM	BLACK	6'-0" x 6'-11"
(B)	1	CUSTOM	3070 SPANISH CEDAR W/ 6-LITE HALF GLASS & CROSSBUCKS	N/A	3'-2 3/4" x 7'-3 1/2"
(C)	1	TBY	DOUBLE SPLIT SLIDER	N/A	9'-5" x 8'-10"

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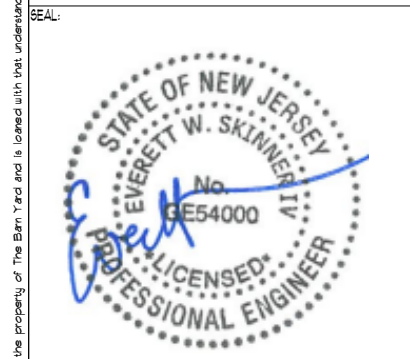
BUILDING CODE:  
 2015 INTERNATIONAL BUILDING CODE AND 2018

DESIGN NOTES:  
 DEAD LOADS: SECOND FLOOR: 15 P&F  
 ROOF: 15 P&F  
 LIVE LOADS: SECOND FLOOR: 40 P&F  
 ROOF: 20 P&F  
 SNOW LOADS: ROOF: 35 P&F  
 WIND LOADS: BASIC WIND SPEED(V): III MPH (3 SEC. GUST)

TIMBER NOTES:  
 SPECIES: EASTERN WHITE PINE  
 GRADE: #2 OR BETTER  
 SURFACE: S4S  
 SIZING: 1/2" UNDER ROUGH DIM. (8X8 + 1.5"X1.5")  
 CHAMFERS: (NONE)  
 FINISH: (NONE)

FASTENER NOTES:  
 STEEL:  
 - BOLTS, NUTS, WASHERS: DIA. AS NOTED, GALVANIZED, GRADE A307  
 TIMBER FRAME:  
 - TRADITIONAL MORTISE & TENON JOINERY W/ 1" DIA. OAK PEGS AT BEAM CONNECTIONS.  
 - TRADITIONAL WOOD CONNECTIONS TO BE SUPPLEMENTED BY STRUCTURAL WOOD SCREWS AS NOTED.

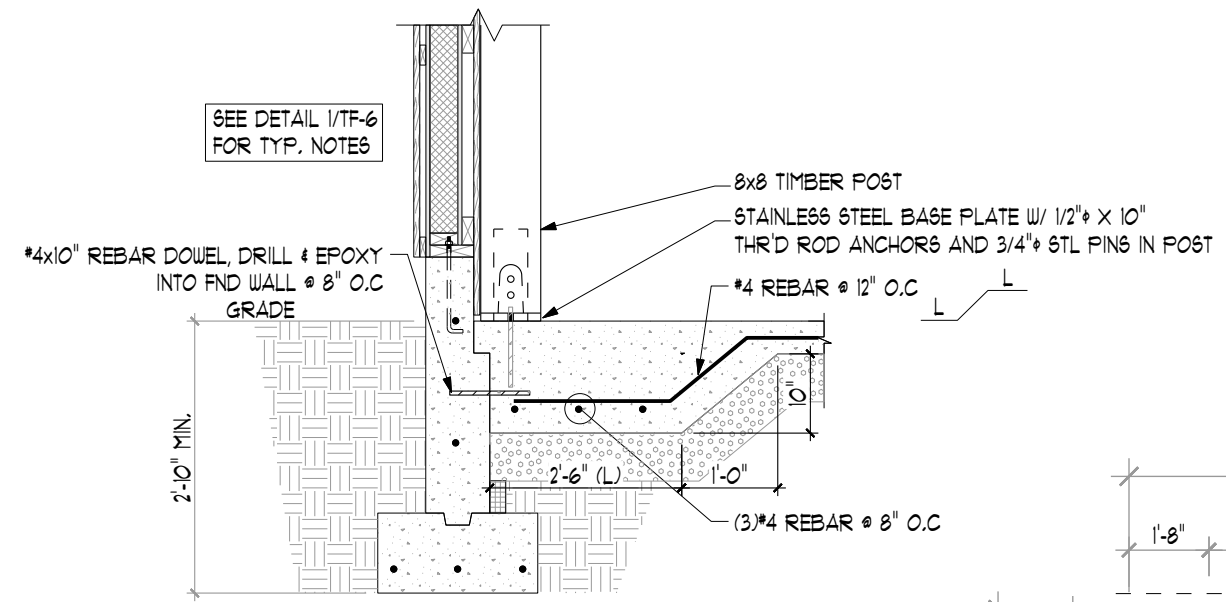
NO.	DATE	REVISIONS / SUBMISSIONS



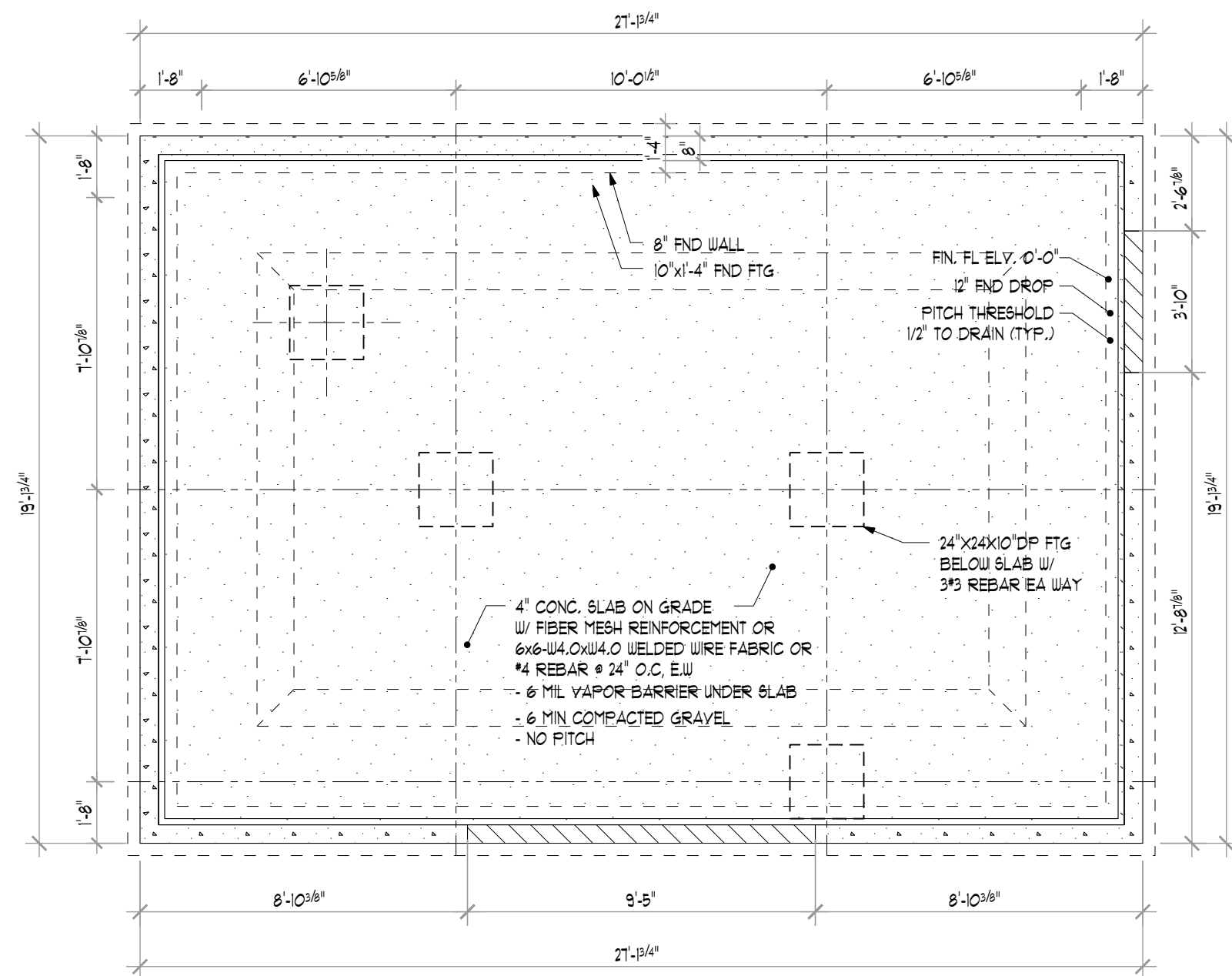
PROJECT TITLE:  
 PLYMOUTH CARRIAGE BARN KIT FOR:  
 JEFF & COLLEEN GANGL  
 17 KENNADAY RD  
 MENDHAM, NJ 07945

DRAWING TITLE:  
**FOUNDATION PLAN**

DATE: 03-22-23	SCALE: AS NOTED
DRAWN BY: LND	TF-2 OF 1
CHK BY: EWS	
PROJECT ID: 7617	



**2 FOUNDATION SECTION DETAIL**  
 TF-2 SCALE: 1/2" = 1'-0"



**1 FOUNDATION PLAN**  
 TF-2 SCALE: 1/4" = 1'-0"

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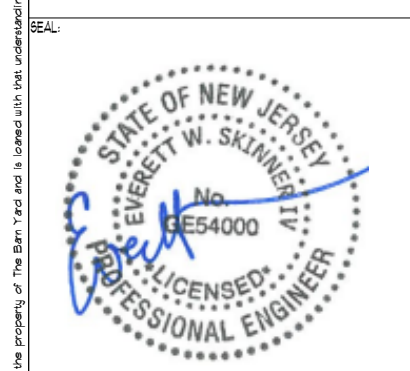
BUILDING CODE:  
 2015 INTERNATIONAL BUILDING CODE AND 2018

DESIGN NOTES:  
 DEAD LOADS: SECOND FLOOR: 15 P5F  
 ROOF: 15 P5F  
 LIVE LOADS: SECOND FLOOR: 40 P5F  
 ROOF: 20 P5F  
 SNOW LOADS: ROOF: 35 P5F  
 WIND LOADS: BASIC WIND SPEED(V): III MPH (3 SEC. GUST)  
 TIMBER NOTES:  
 SPECIES: EASTERN WHITE PINE  
 GRADE: #2 OR BETTER  
 SURFACE: S4S  
 SIZING: 1/2" UNDER ROUGH DIM. (8X8 + 1.5"X1.5")  
 CHAMFER: (NONE)  
 FINISH: (NONE)  
 FASTENER NOTES:  
 STEEL:  
 - BOLTS, NUTS, WASHERS: DIA. AS NOTED, GALVANIZED, GRADE A307  
 TIMBER FRAME:  
 - TRADITIONAL MORTISE & TENON JOINERY 1/4" DIA. OAK PEGS AT BEAM CONNECTIONS.  
 - TRADITIONAL WOOD CONNECTIONS TO BE SUPPLEMENTED BY STRUCTURAL WOOD SCREWS AS NOTED.

REVISIONS / SUBMISSIONS

NO.	DATE	REVISIONS / SUBMISSIONS

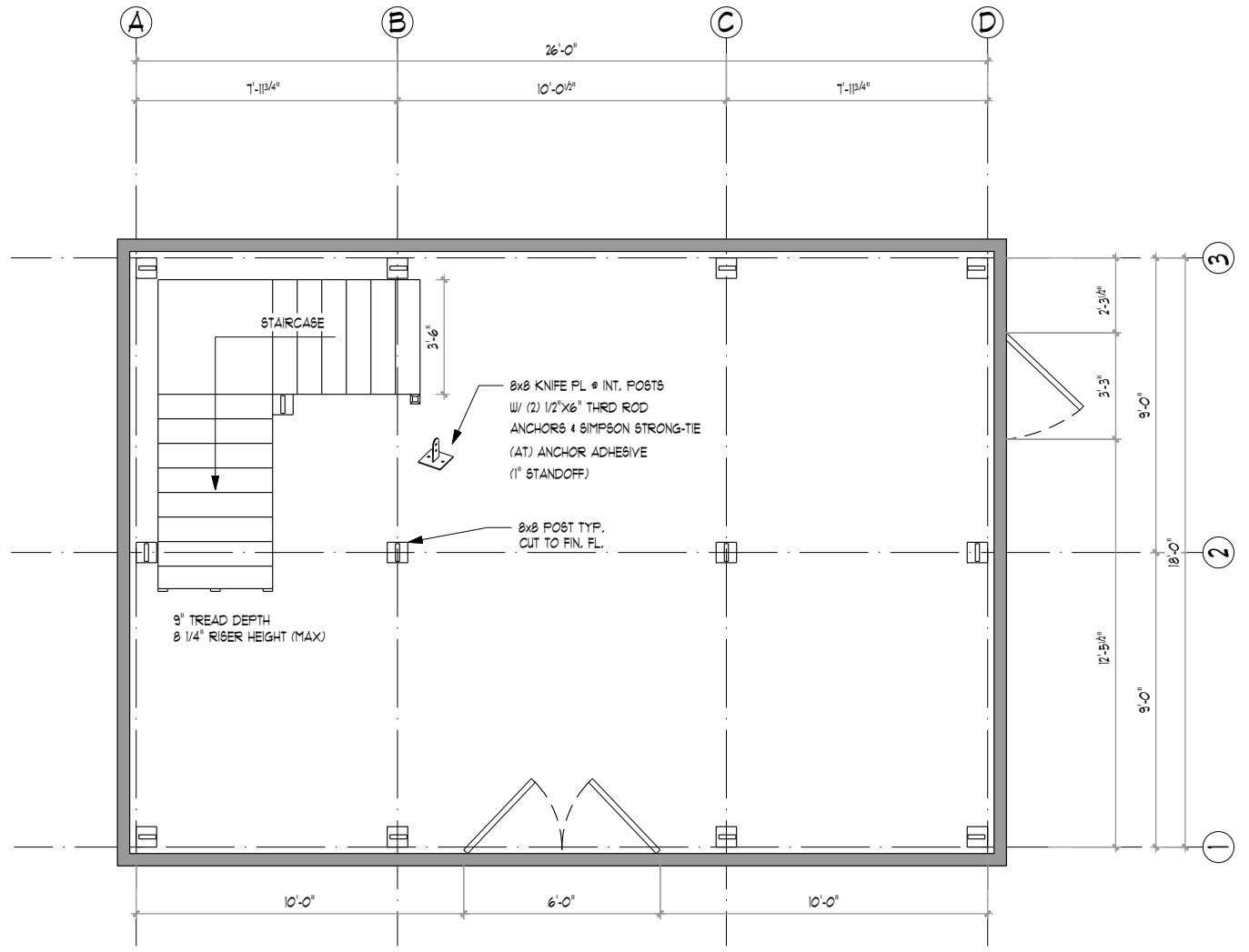
NO.	DATE	REVISIONS / SUBMISSIONS



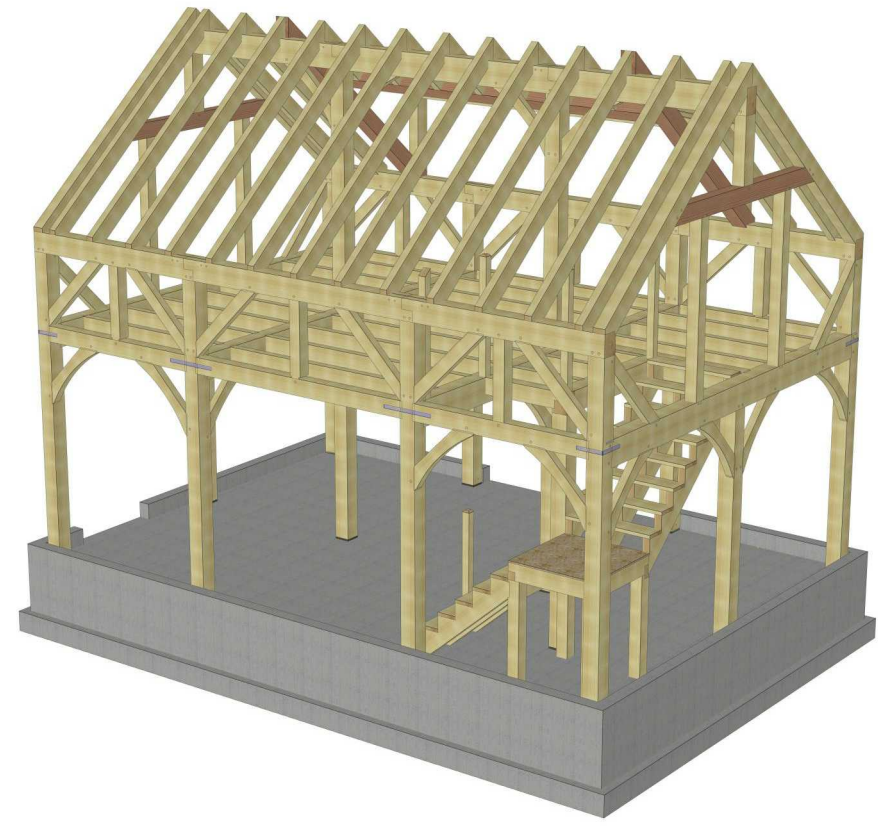
PROJECT TITLE:  
 PLYMOUTH CARRIAGE BARN KIT FOR:  
 JEFF & COLLEEN GANGL  
 17 KENNADAY RD  
 MENDHAM, NJ 07945

DRAWING TITLE:  
**POST PLAN**

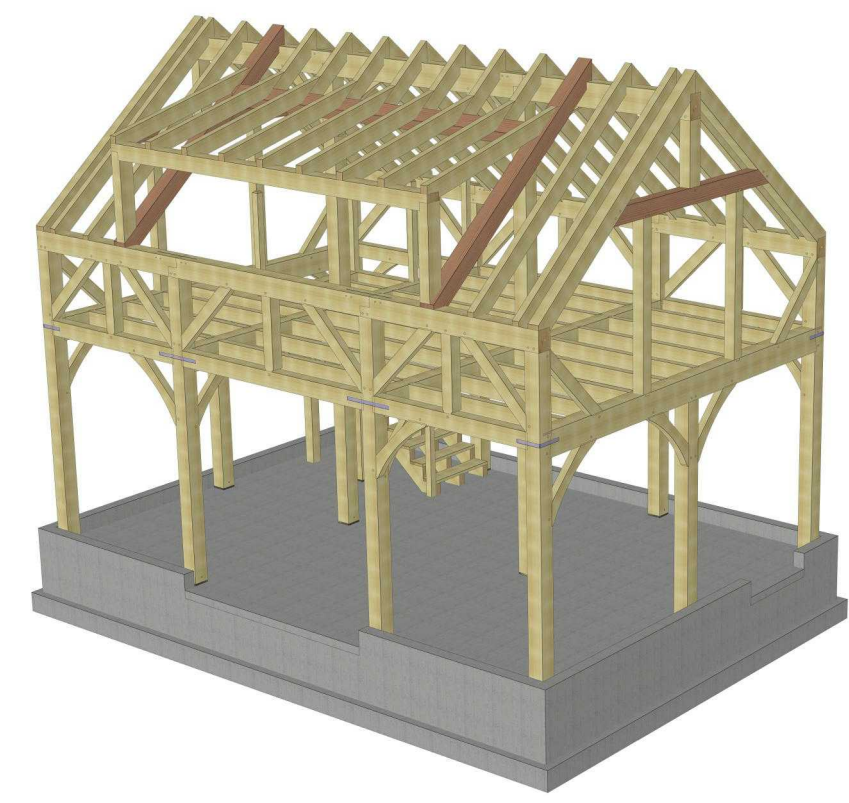
DATE: 03-22-23	SCALE: AS NOTED
DRWN BY: LND	TF-3 OF 1
CHK BY: EWS	
PROJECT ID: 7617	



**1 POST & SILL PLAN**  
 TF-3 SCALE: 1/8" = 1'-0"



**3 REAR 3D RENDERING**  
 TF-3 SCALE: NTS



**2 FRONT 3D RENDERING**  
 TF-3 SCALE: NTS

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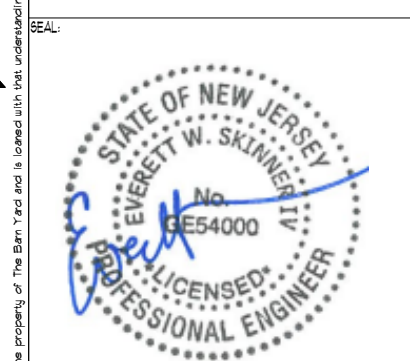
BUILDING CODE:  
 2015 INTERNATIONAL BUILDING CODE AND 2018

DESIGN NOTES:  
 DEAD LOADS: SECOND FLOOR: 15 PSF  
 ROOF: 15 PSF  
 LIVE LOADS: SECOND FLOOR: 40 PSF  
 ROOF: 20 PSF  
 SNOW LOADS: ROOF: 25 PSF  
 WIND LOADS: BASIC WIND SPEED(V): III MPH (3 SEC. GUST)

TIMBER NOTES:  
 SPECIES: EASTERN WHITE PINE  
 GRADE: #2 OR BETTER  
 SURFACE: S4S  
 SIZING: 1/2" UNDER ROUGH DIM. (8X8 + 1.5"X1.5")  
 CHAMFERS: (NONE)  
 FINISH: (NONE)

FASTENER NOTES:  
 STEEL:  
 - BOLTS, NUTS, WASHERS: DIA. AS NOTED, GALVANIZED, GRADE A307  
 TIMBER FRAME:  
 - TRADITIONAL MORTISE & TENON JOINERY 1/4" DIA. OAK PEGS AT BEAM CONNECTIONS.  
 - TRADITIONAL WOOD CONNECTIONS TO BE SUPPLEMENTED BY STRUCTURAL WOOD SCREWS AS NOTED.

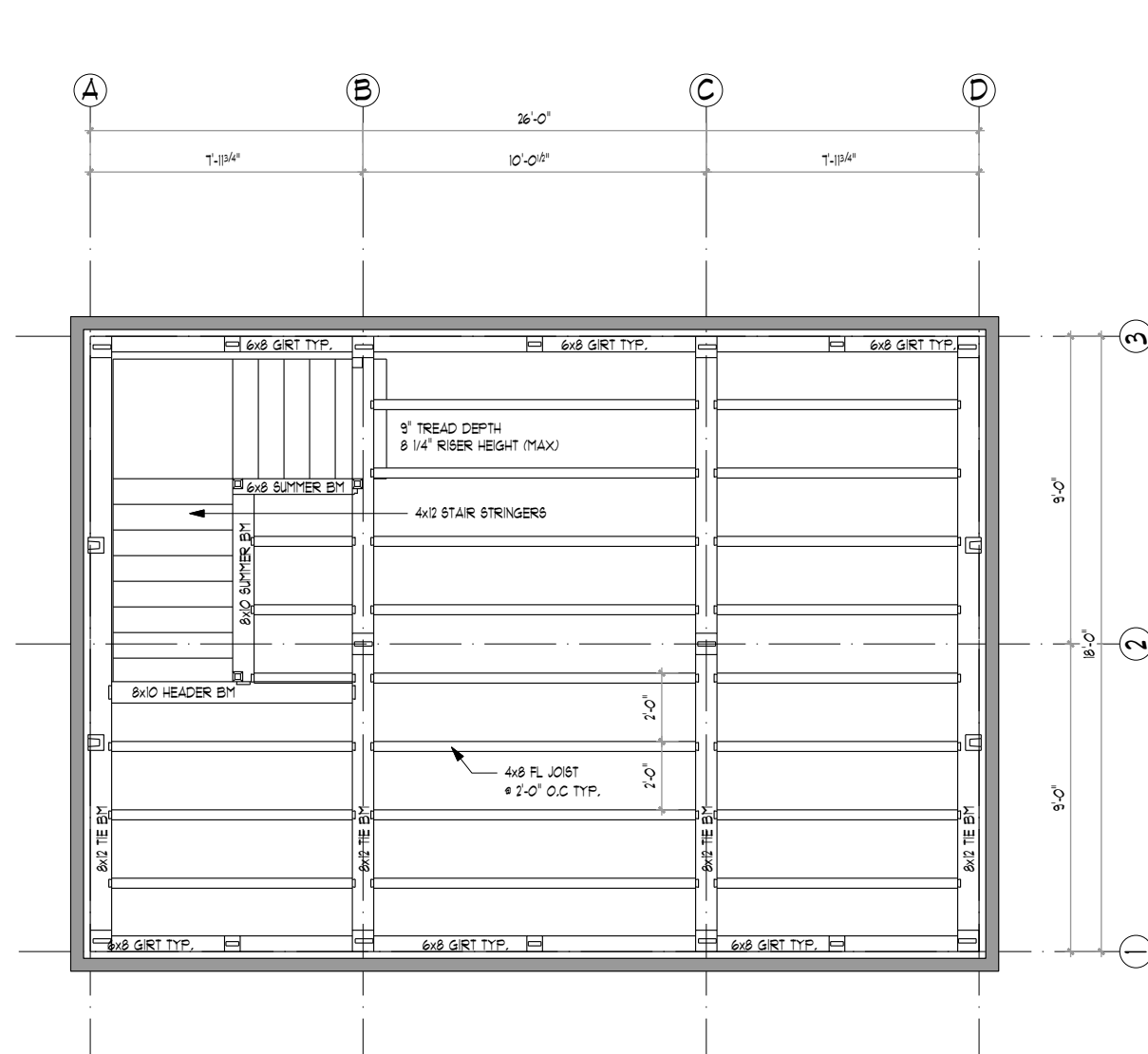
NO.	DATE	REVISIONS / SUBMISSIONS



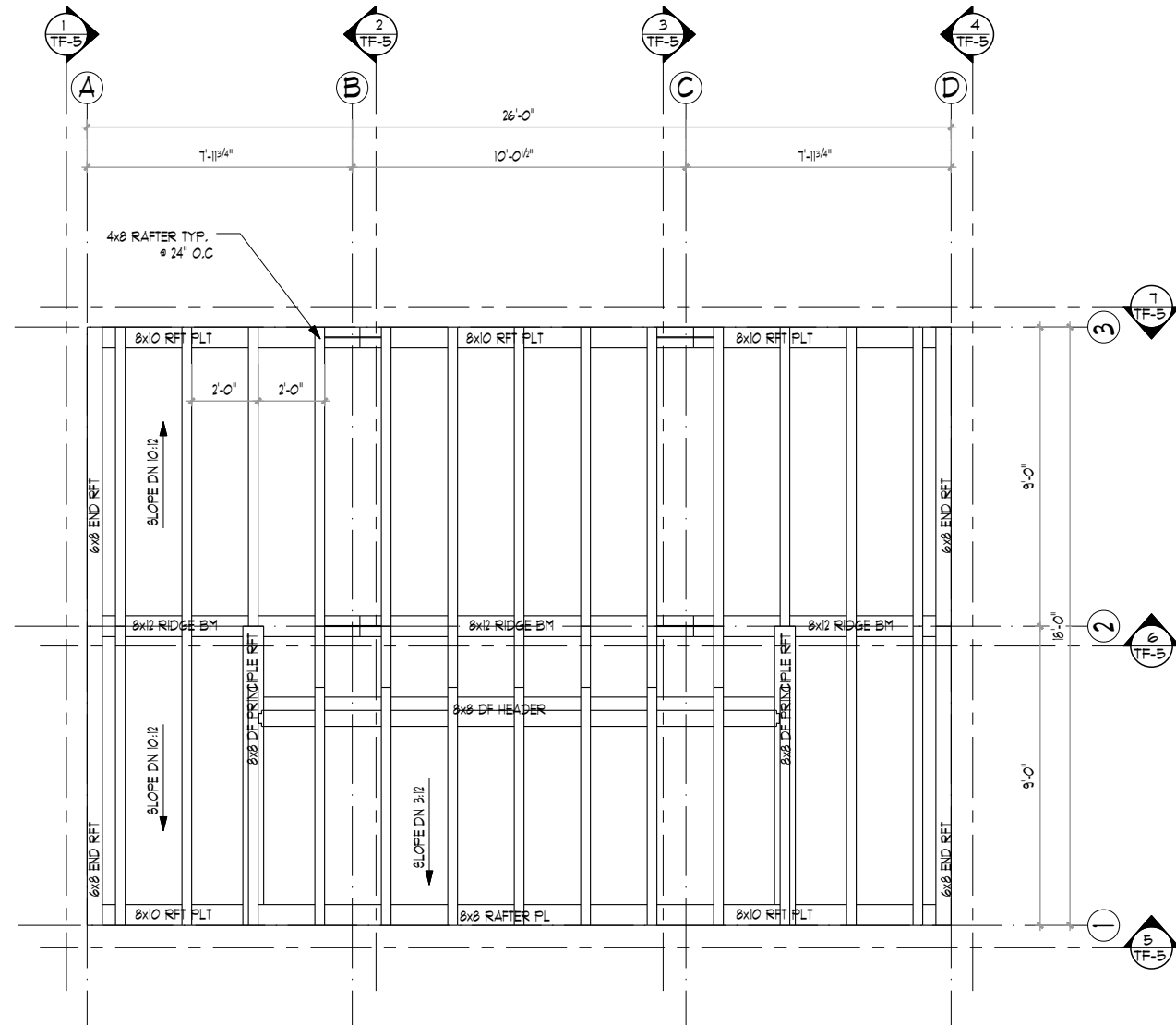
PROJECT TITLE:  
 PLYMOUTH CARRIAGE BARN KIT FOR:  
 JEFF & COLLEEN GANGL  
 17 KENNADAY RD  
 MENDHAM, NJ 07945

DRAWING TITLE:  
**FRAMING PLAN**

DATE: 03-22-23	SCALE: AS NOTED
DRUN BY: LND	TF-4 OF 7
CHK BY: EWS	
PROJECT D: 7617	



**1 SECOND FLOOR FRAMING PLAN**  
 TF-4 SCALE: 1/8" = 1'-0"



**2 ROOF FRAMING PLAN**  
 TF-4 SCALE: 1/8" = 1'-0"

- 3"x24" KNIFE PL  
 W/ (4) 3/4"x4-1/2" STEEL  
 PINS (1 OF 6)

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**BUILDING CODE:**  
 2015 INTERNATIONAL BUILDING CODE AND 2018

**DESIGN NOTES:**

**DEAD LOADS:** SECOND FLOOR: 15 P&F  
 ROOF: 15 P&F

**LIVE LOADS:** SECOND FLOOR: 40 P&F  
 ROOF: 20 P&F

**SNOW LOADS:** ROOF: 35 P&F

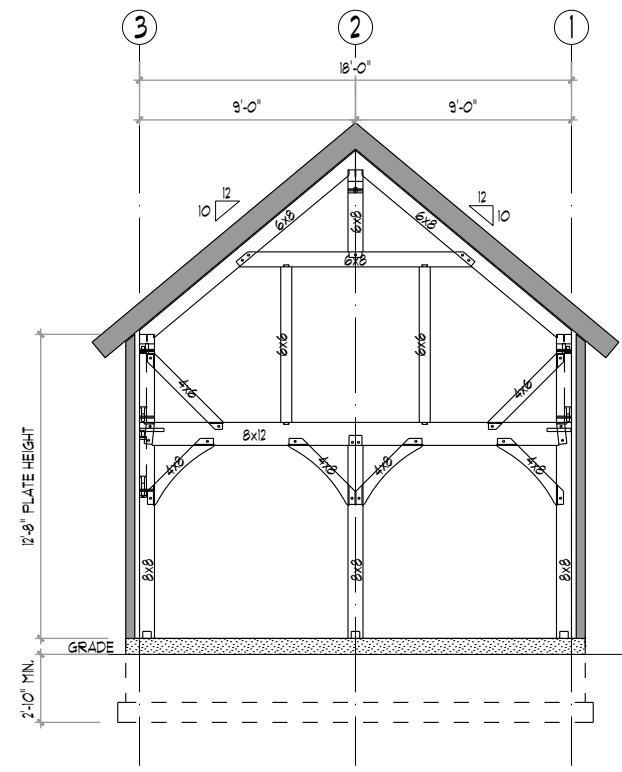
**WIND LOADS:** BASIC WIND SPEED(V): III MPH (3 SEC. GUST)

**TIMBER NOTES:**

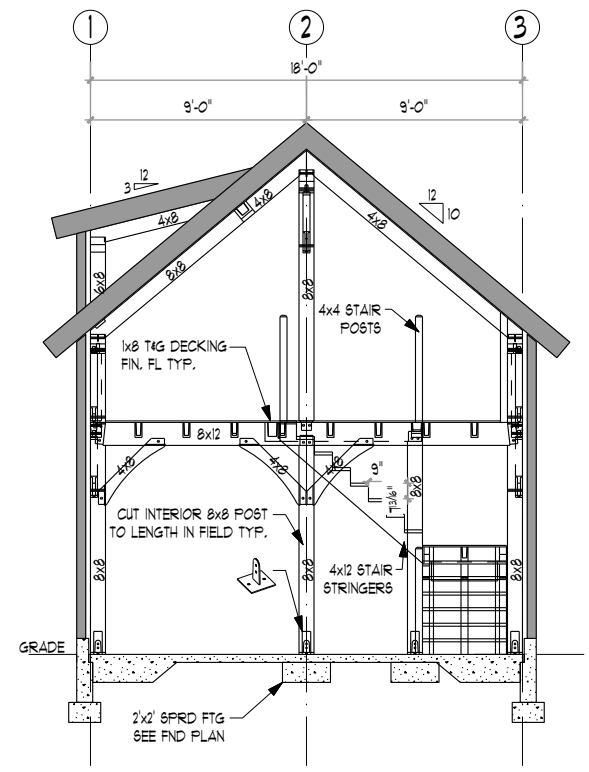
**SPECIES:** EASTERN WHITE PINE  
**GRADE:** #2 OR BETTER  
**SURFACE:** S4S  
**SIZING:** 1/2" UNDER ROUGH DIM. (8x8 + 1.5"x1.5")  
**CHAMFERS:** (NONE)  
**FINISH:** (NONE)

**FASTENER NOTES:**

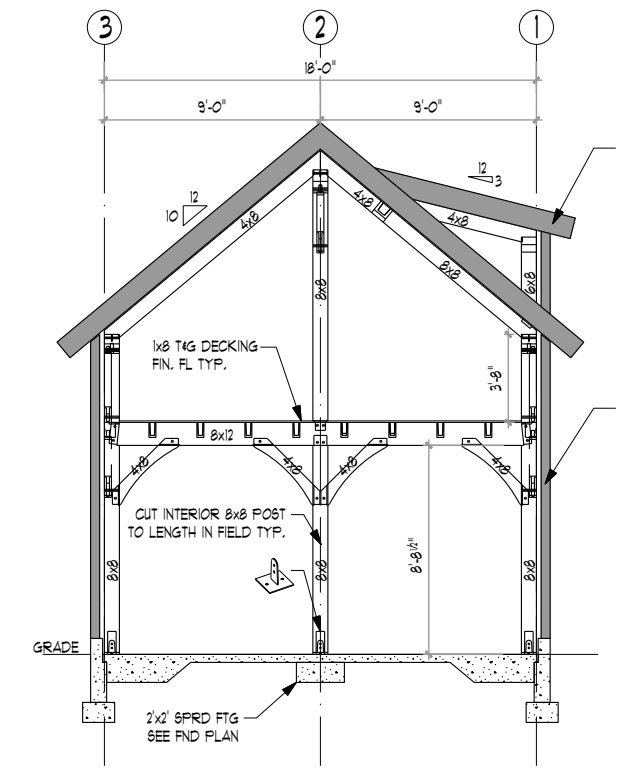
**STEEL:**  
 - BOLTS, NUTS, WASHERS: DIA. AS NOTED, GALVANIZED, GRADE A307  
**TIMBER FRAME:**  
 - TRADITIONAL MORTISE & TENON JOINERY 1/3" DIA. OAK PEGS AT BEAM CONNECTIONS.  
 - TRADITIONAL WOOD CONNECTIONS TO BE SUPPLEMENTED BY STRUCTURAL WOOD SCREWS AS NOTED.



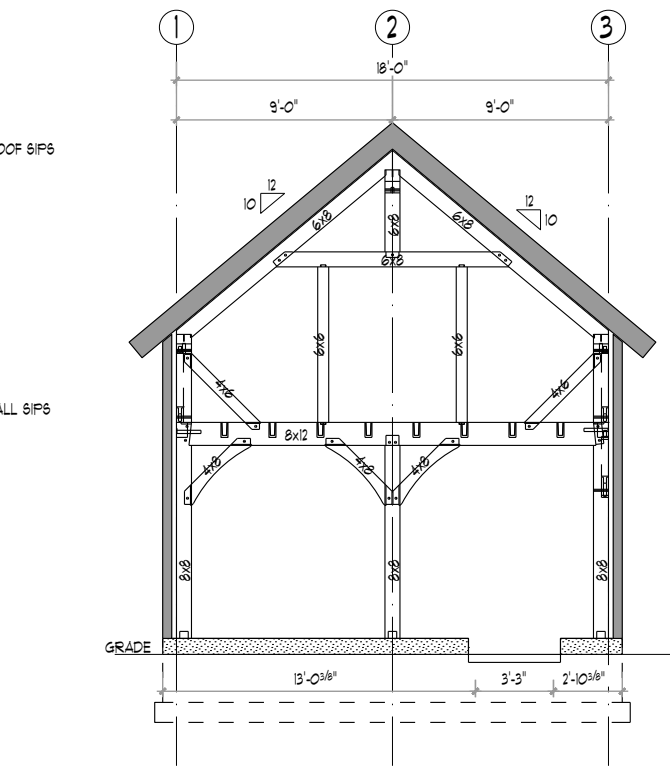
**1 SECTION - LINE A**  
 TF-5 SCALE: 1/8"=1'-0"



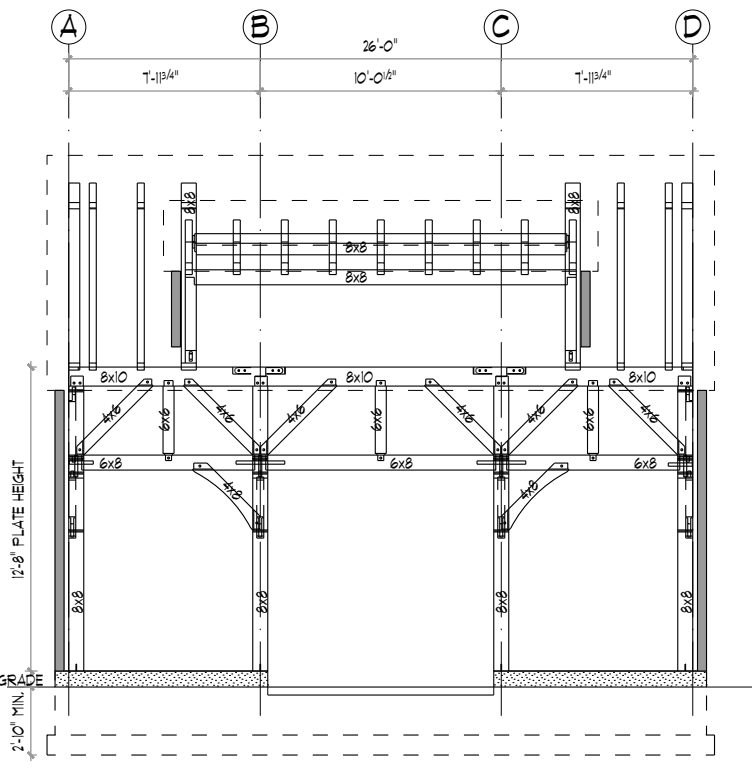
**2 SECTION - LINE B**  
 TF-5 SCALE: 1/8"=1'-0"



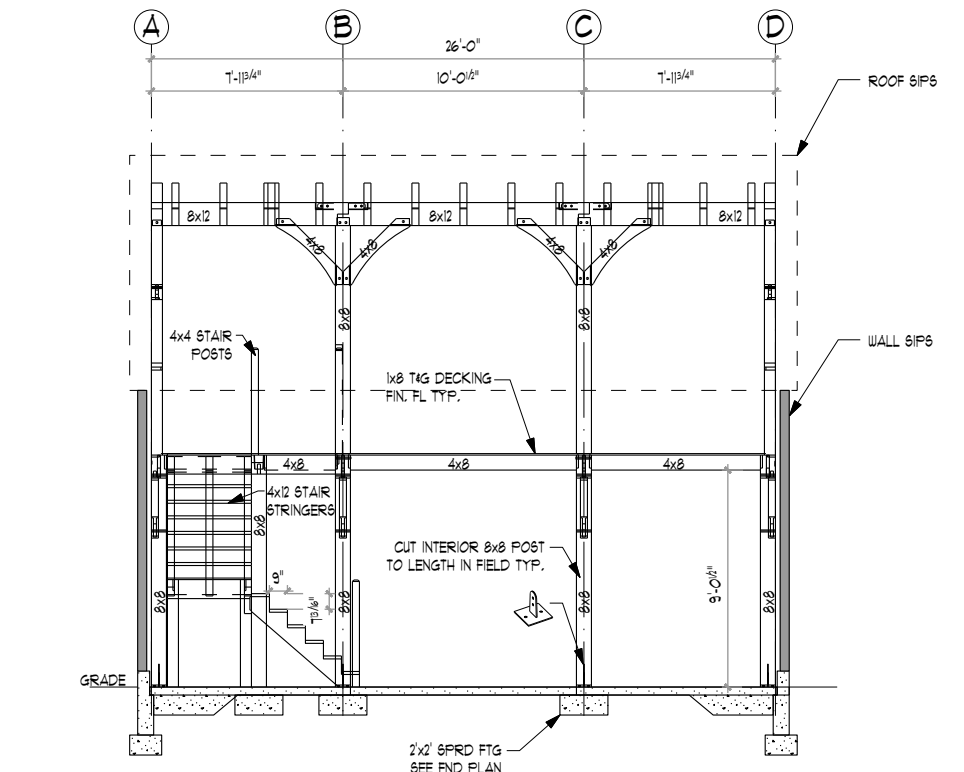
**3 SECTION - LINE C**  
 TF-5 SCALE: 1/8"=1'-0"



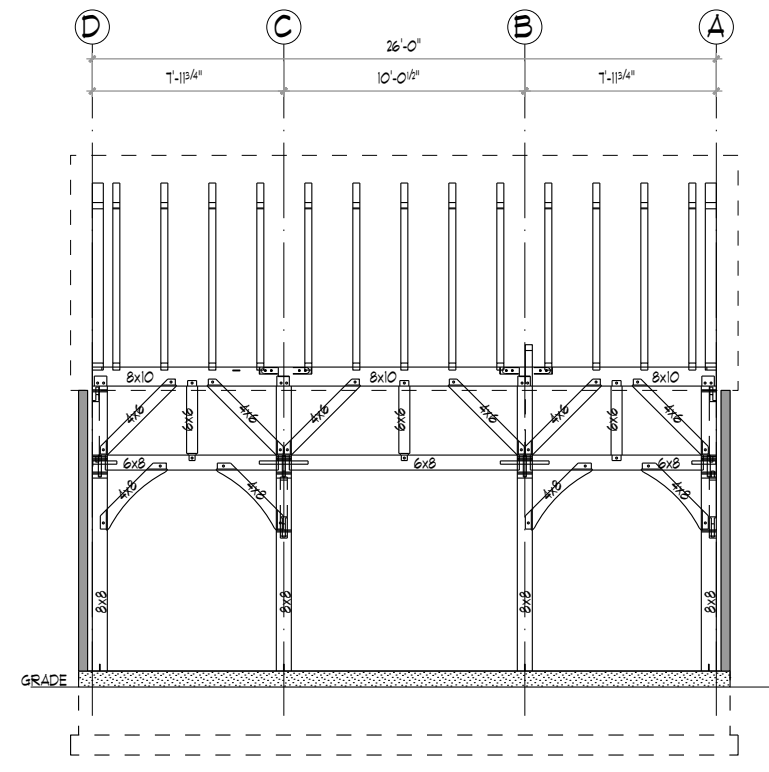
**4 SECTION - LINE D**  
 TF-5 SCALE: 1/8"=1'-0"



**5 SECTION - LINE 1**  
 TF-5 SCALE: 1/8"=1'-0"

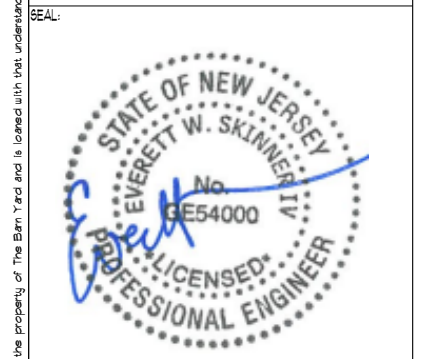


**6 SECTION - LINE 2**  
 TF-5 SCALE: 1/8"=1'-0"



**7 SECTION - LINE 3**  
 TF-5 SCALE: 1/8"=1'-0"

NO.	DATE	REVISIONS / SUBMISSIONS



**PROJECT TITLE:**  
 PLYMOUTH CARRIAGE BARN KIT FOR:  
 JEFF & COLLEEN GANGL  
 17 KENNADAY RD  
 MENDHAM, NJ 07945

**DRAWING TITLE:**  
**FRAMING SECTIONS**

<b>DATE:</b> 03-22-23	<b>SCALE:</b> AS NOTED
<b>DRWN BY:</b> LND	<b>TF-5 OF 7</b>
<b>CHK BY:</b> EWS	
<b>PROJECT D:</b> 7617	

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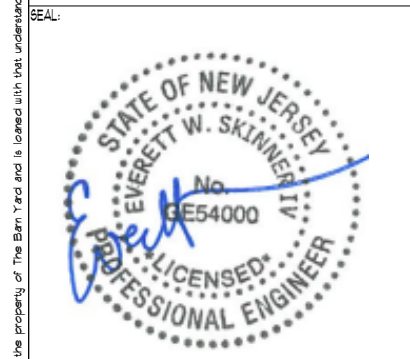


BUILDING CODE:  
2015 INTERNATIONAL BUILDING CODE AND 2018

DESIGN NOTES:  
DEAD LOADS: SECOND FLOOR: 15 P#F  
ROOF: 15 P#F  
LIVE LOADS: SECOND FLOOR: 40 P#F  
ROOF: 20 P#F  
SNOW LOADS: ROOF: 35 P#F  
WIND LOADS: BASIC WIND SPEED(V): III MPH (3 SEC. GUST)

TIMBER NOTES:  
SPECIES: EASTERN WHITE PINE  
GRADE: #2 OR BETTER  
SURFACE: S4S  
SIZING: 1/2" UNDER ROUGH DIM. (8X8 + 1.5"X1.5")  
CHAMFERS: (NONE)  
FINISH: (NONE)  
FASTENER NOTES:  
STEEL:  
- BOLTS, NUTS, WASHERS: DIA. AS NOTED, GALVANIZED, GRADE A307  
TIMBER FRAME:  
- TRADITIONAL MORTISE & TENON JOINERY 1/4" DIA. OAK PEGS AT BEAM CONNECTIONS.  
- TRADITIONAL WOOD CONNECTIONS TO BE SUPPLEMENTED BY STRUCTURAL WOOD SCREWS AS NOTED.

NO.	DATE	REVISIONS / SUBMISSIONS

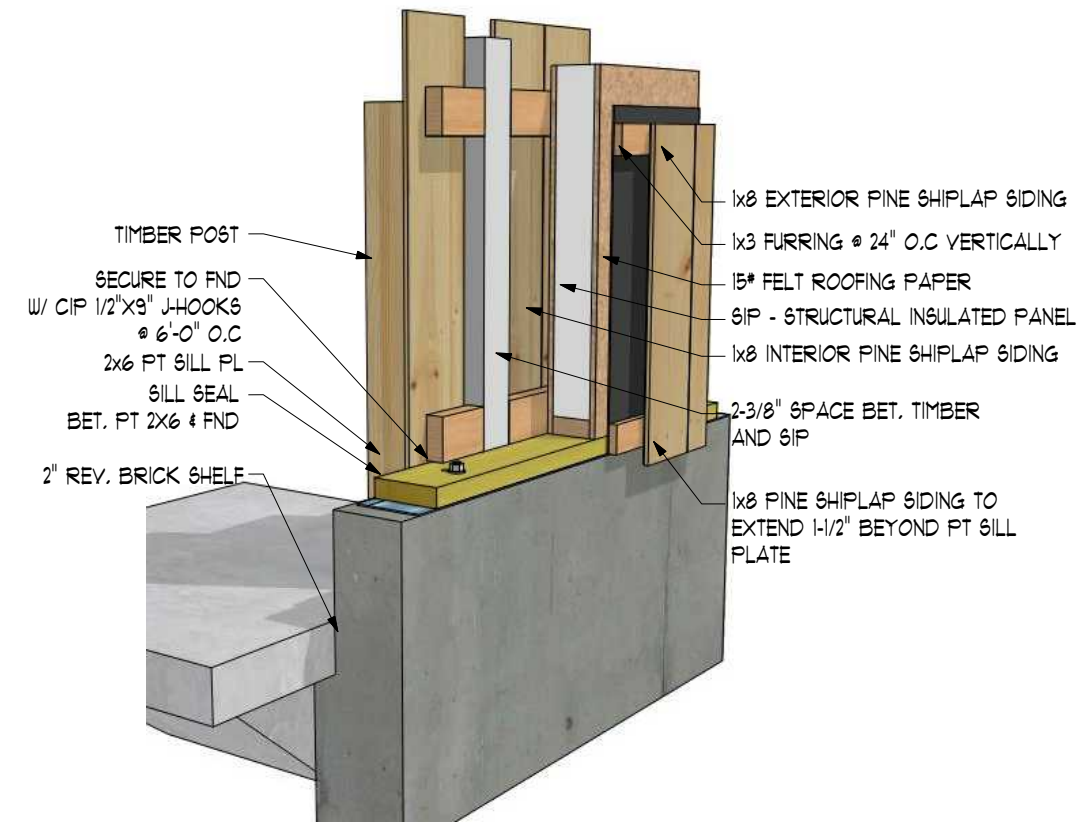


PROJECT TITLE:  
PLYMOUTH CARRIAGE BARN KIT FOR:  
JEFF & COLLEEN GANGL  
17 KENNADAY RD  
MENDHAM, NJ 07945

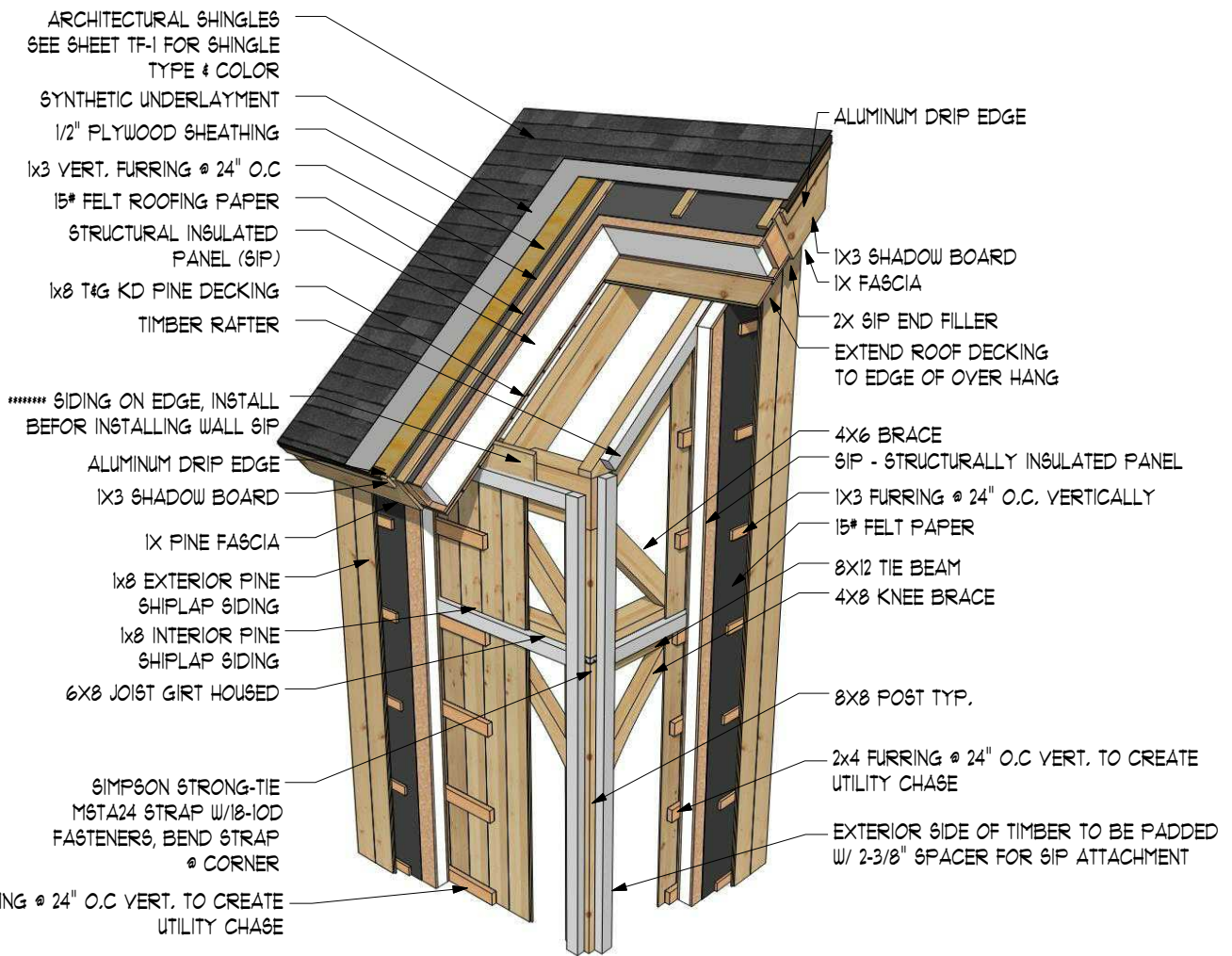
DRAWING TITLE:  
**UTILITY CHASE DETAILS**

DATE: 03-22-23	SCALE: AS NOTED
DRWN BY: LND	TF-6 OF 7
CHK BY: EWS	
PROJECT ID: 7617	

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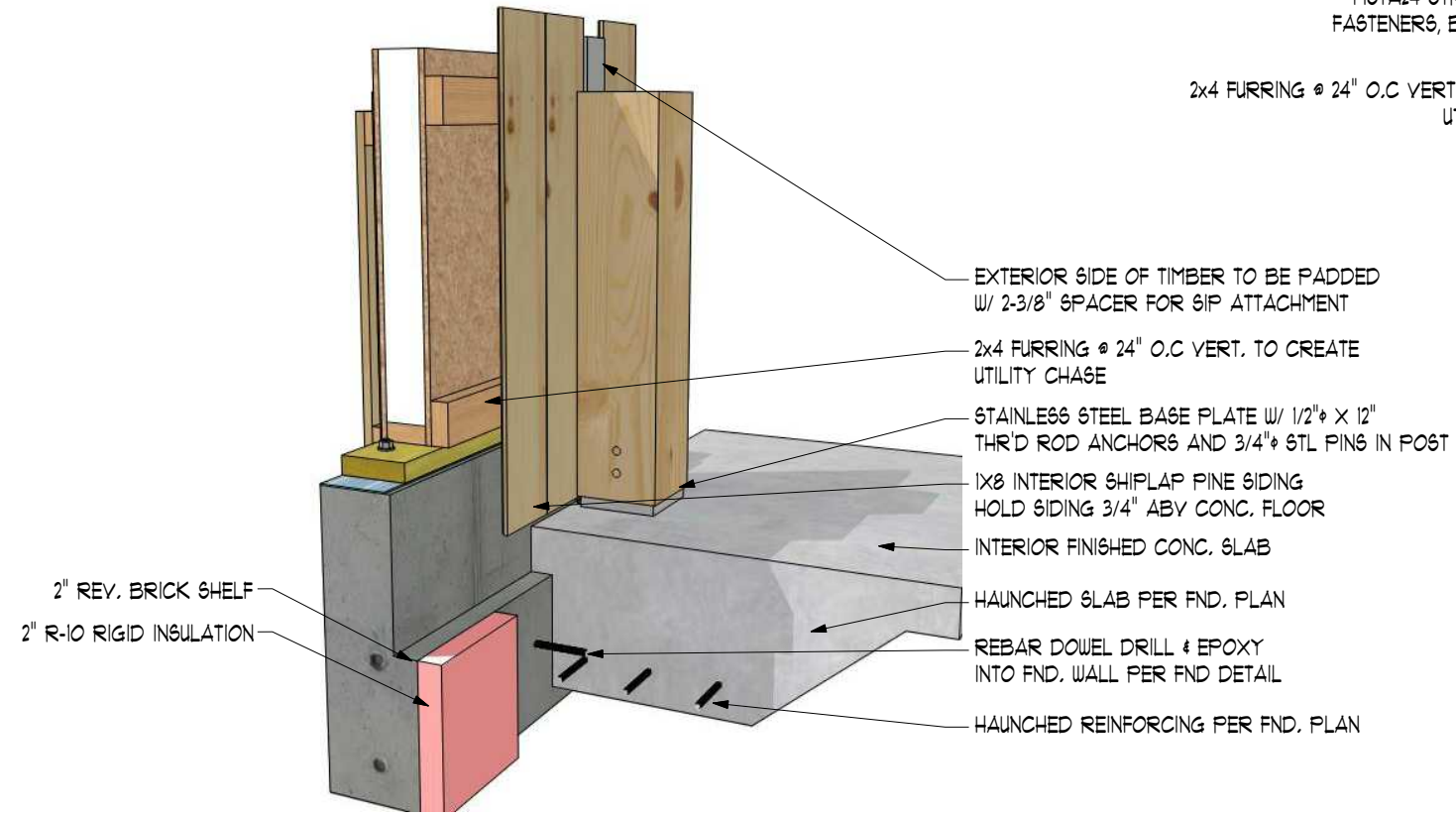


**EXTERIOR**



**FRAMING DETAIL W/SIP & UTILITY CHASE**

SCALE: N.T.S  
 NOTE:  
 THESE DETAILS ARE THE BARN YARD'S STANDARD RECOMMENDATION OF BEST PRACTICES FOR SIP PANEL BUILDINGS ONLY AND MAY NOT MATCH THE EXACT CONFIGURATION OF YOUR BUILDING PROJECT. PLEASE CONTACT YOUR PROJECT MANAGER FOR ALL QUESTIONS ABOUT HIGH PERFORMANCE BUILDINGS AND RECOMMENDED FINISHING DETAILS.



**INTERIOR**

**1 POST HOLD-DOWN W/ SIP & UTILITY CHASE DETAIL**  
 TF-6 SCALE: N.T.S



**STRUCTURAL NOTES:**

ALL WORK SHALL CONFORM TO THE CURRENT REQUIREMENTS OF 2015 INTERNATIONAL BUILDING CODE AND RESIDENTIAL BUILDING CODE NEW JERSEY EDITION COMBO. DIMENSIONS AND DETAILS SHALL BE CHECKED AGAINST ENGINEERING DRAWINGS. THE CONTRACTOR SHALL VERIFY AND COORDINATE THE SIZE AND LOCATION OF ALL OPENINGS, SLEEVES AND ANCHOR BOLTS AS REQUIRED BY ALL TRADES. OPENINGS NOT SPECIFICALLY SHOWN SHALL BE APPROVED BY THE ENGINEER. ALL WORK TO CONFORM TO ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES AND REGULATIONS, AND THE OWNERS OR DESIGNATED CONTRACTORS SHALL SECURE APPROPRIATE PERMITS REQUIRED BEFORE COMMENCEMENT OF ACTUAL CONSTRUCTION. ALL CONTRACTORS, SUBCONTRACTORS, SUPPLIERS AND ALL OTHER PERSONS ENGAGED IN ANY CAPACITY ON THIS PROJECT SHALL BE SUBJECT TO PROVISIONS OF THE OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION) WHICH IS ADMINISTERED AND ENFORCED BY U.S. DEPARTMENT OF HEALTH.

**FOUNDATIONS:**

ALL FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL MATERIAL OR GRANULAR FILL. ELEVATIONS OF BOTTOM OF FOOTING SHOWN ON PLANS ARE FOR BIDDING PURPOSES AND SHALL BE LOWERED IF NECESSARY TO THE REQUIRED BEARING MATERIAL AS FOUND UPON EXCAVATION. IF THE REQUIRED BEARING MATERIAL IS NOT ENCOUNTERED AT ELEVATIONS SHOWN, NOTIFY ENGINEER IMMEDIATELY. CONTROLLED BACK FILL AND COMPACTION IF REQUIRED.

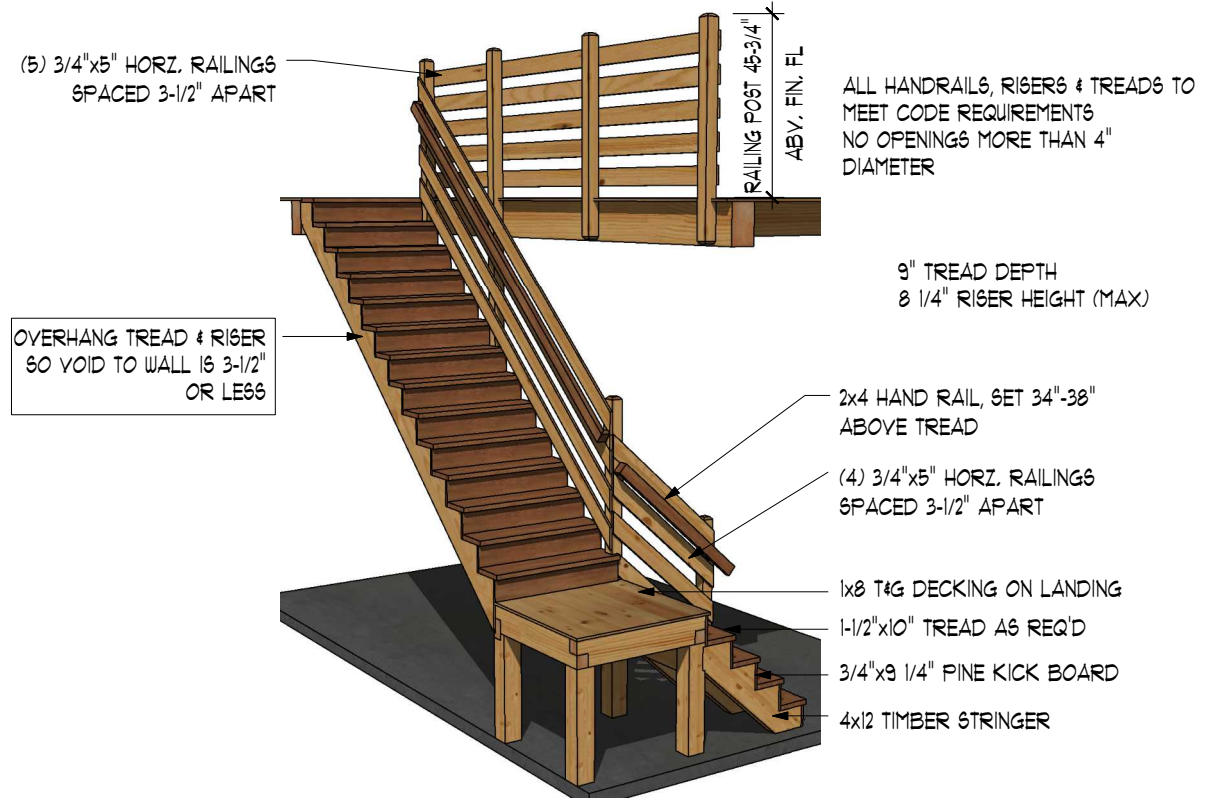
**A. SCOPE:** WHERE UNACCEPTABLE MATERIAL MUST BE REMOVED AND REPLACED WITH PROPER MATERIAL. A CONTROLLED PROCEDURE MUST BE FOLLOWED TO ENSURE PROPER BEARING FOR THE BUILDING.

**B. FILLING AND GRADING:** BEFORE BACK FILLING, REMOVE CONSTRUCTION DEBRIS, STUMPS, TREES, ROOTS, SOD, HEAVY GRASS, DECAYED VEGETABLE MATTER AND OTHER UNSUITABLE MATERIALS. FILL MATERIAL SHALL BE AS APPROVED BY THE ENGINEER.

**C. CONSTRUCTION METHODS:** AFTER DEPOSITING FILL OR BACK FILL IN 1 FOOT LIFTS, WELL WASHED IN, COMPACT TO THE FOLLOWING PERCENT OPTIMUM DENSITY. THE DRY DENSITY AFTER COMPACTION SHALL NOT BE LESS THAN 95% OF THE DRY DENSITY FOR THAT SOIL WHEN TESTED IN ACCORDANCE WITH ASTM D1557, METHOD D. IN THIS TEST, MATERIALS RETAINED ON THE THREE-QUARTER SIEVE SHALL BE REPLACED WITH MATERIAL RETAINED ON THE NO. 4 SIEVE, AS NOTED AS AN OPTION IN THE SPECIFICATIONS FOR THIS TEST.

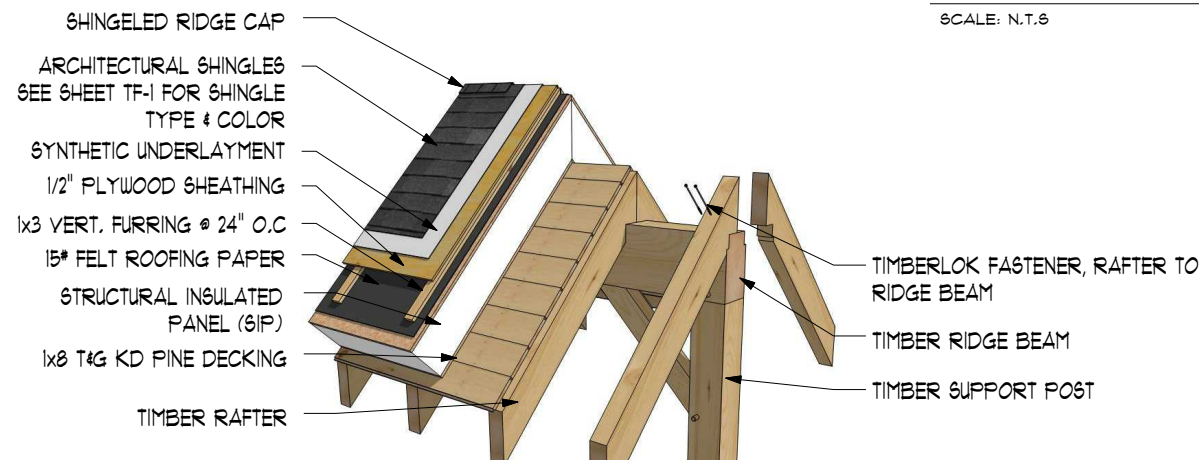
**D. FIELD TESTS:** PERFORM ONE FIELD DENSITY TEST FOR EACH SOURCE OF FILL MATERIAL PERFORMED IN ACCORDANCE WITH ASTM D1556. PERFORM STANDARD FIELD DENSITY TESTS EACH OF AN ACCURACY OF PLUS OR MINUS ONE PERCENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER AND TESTING LABORATORY WHEN EACH LAYER OF FILL IS TO BE PLACED AND READY FOR TESTING. THE CONTRACTOR SHALL ALLOW AMPLE TIME FOR TESTING. IF ANY FILL IS PLACED IN EXCESS OF SIXTEEN (16) WITHOUT TESTING, IT SHALL BE SUBJECT TO REMOVAL. SIEVE ANALYSIS SHALL BE AT THE CONTRACTOR'S EXPENSE.

**E. OBSERVATION:** ALL EXCAVATION OF UNACCEPTABLE MATERIAL, INSTALLATION OF CONTROLLED FILL, COMPACTION, FIELD TESTING AND LABORATORY TESTING SHALL BE DONE UNDER THE SUPERVISION OF A TESTING LABORATORY WHO SHALL PROVIDE WRITTEN REPORTS OF ALL PHASES OF THE WORK TO THE ENGINEER.



**STAIR & HANDRAIL DETAIL**

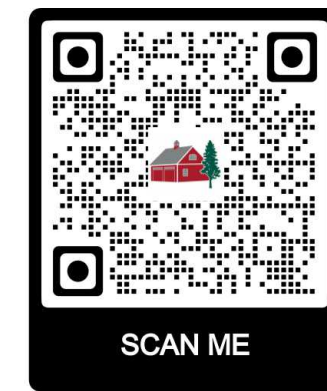
SCALE: N.T.S



**RIDGE BEAM FRAMING DETAIL W/SIP**

SCALE: N.T.S

**NOTE:** THESE DETAILS ARE THE BARN YARD'S STANDARD RECOMMENDATION OF BEST PRACTICES FOR SIP PANEL BUILDINGS ONLY AND MAY NOT MATCH THE EXACT CONFIGURATION OF YOUR BUILDING PROJECT. PLEASE CONTACT YOUR PROJECT MANAGER FOR ALL QUESTIONS ABOUT HIGH PERFORMANCE BUILDINGS AND RECOMMENDED FINISHING DETAILS.



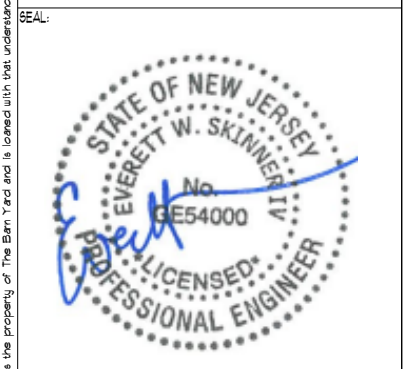
**THE BARN YARD**  
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 BUILDING LOCATIONS  
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 860.896.0636 203.740.7433  
 www.greshcountrybuildings.com CT LICENSE # 558916  
 MA LICENSE # 127550

**BUILDING CODE:**  
 2015 INTERNATIONAL BUILDING CODE AND 2018

**DESIGN NOTES:**  
**DEAD LOADS:** SECOND FLOOR: 15 PSF  
 ROOF: 15 PSF  
**LIVE LOADS:** SECOND FLOOR: 40 PSF  
 ROOF: 20 PSF  
**SNOW LOADS:** ROOF: 25 PSF  
**WIND LOADS:** BASIC WIND SPEED(V): III MPH (3 SEC. GUST)  
**TIMBER NOTES:**  
**SPECIES:** EASTERN WHITE PINE  
**GRADE:** #2 OR BETTER  
**SURFACE:** S4S  
**SIZING:** 1/2" UNDER ROUGH DIM. (8X8 + 1.5"X1.5")  
**CHAMFERS:** (NONE)  
**FINISH:** (NONE)

**FASTENER NOTES:**  
**STEEL:**  
 - BOLTS, NUTS, WASHERS: DIA. AS NOTED, GALVANIZED, GRADE A307  
**TIMBER FRAME:**  
 - TRADITIONAL MORTISE & TENON JOINERY 1/3" DIA. OAK PEGS AT BEAM CONNECTIONS.  
 - TRADITIONAL WOOD CONNECTIONS TO BE SUPPLEMENTED BY STRUCTURAL WOOD SCREWS AS NOTED.

NO.	DATE	REVISIONS / SUBMISSIONS



**PROJECT TITLE:**  
 PLYMOUTH CARRIAGE BARN KIT FOR:  
 JEFF & COLLEEN GANGL  
 17 KENNADAY RD  
 MENDHAM, NJ 07945

**NOTES & DETAILS**

<b>DATE:</b> 03-22-23	<b>SCALE:</b> AS NOTED
<b>DRAWN BY:</b> LND	<b>TF-1 OF 1</b>
<b>CHK BY:</b> EWS	
<b>PROJECT ID:</b> 7617	

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