

ZONING BOARD OF APPEALS Town of Chilmark

TOWN OFFICES: Beetlebung Corner Post Office Box 119 Chilmark, MA 02535 (508) 645-2110 Fax

THE COMMONWEALTH OF MASSACHUSETTS

To The Board of Appeals, TOWN OF CHILMARK

APRIL 17.2024

The undersigned hereby petitions the Board of Appeals to issue a Special Permit under the terms of the Zoning By-laws of the Town of Chilmark: Article, 2-63, Section_____

at the premises owned by (Owner of Record)

at 15 LAKE RD CHILMARK, MA. (street address).

Assessor's parcel MAP 33 LOT 82

In the following respect or limitation, extension, change, alteration or modification of use, or method of use as may at hearing appear as necessary or proper in the premised.

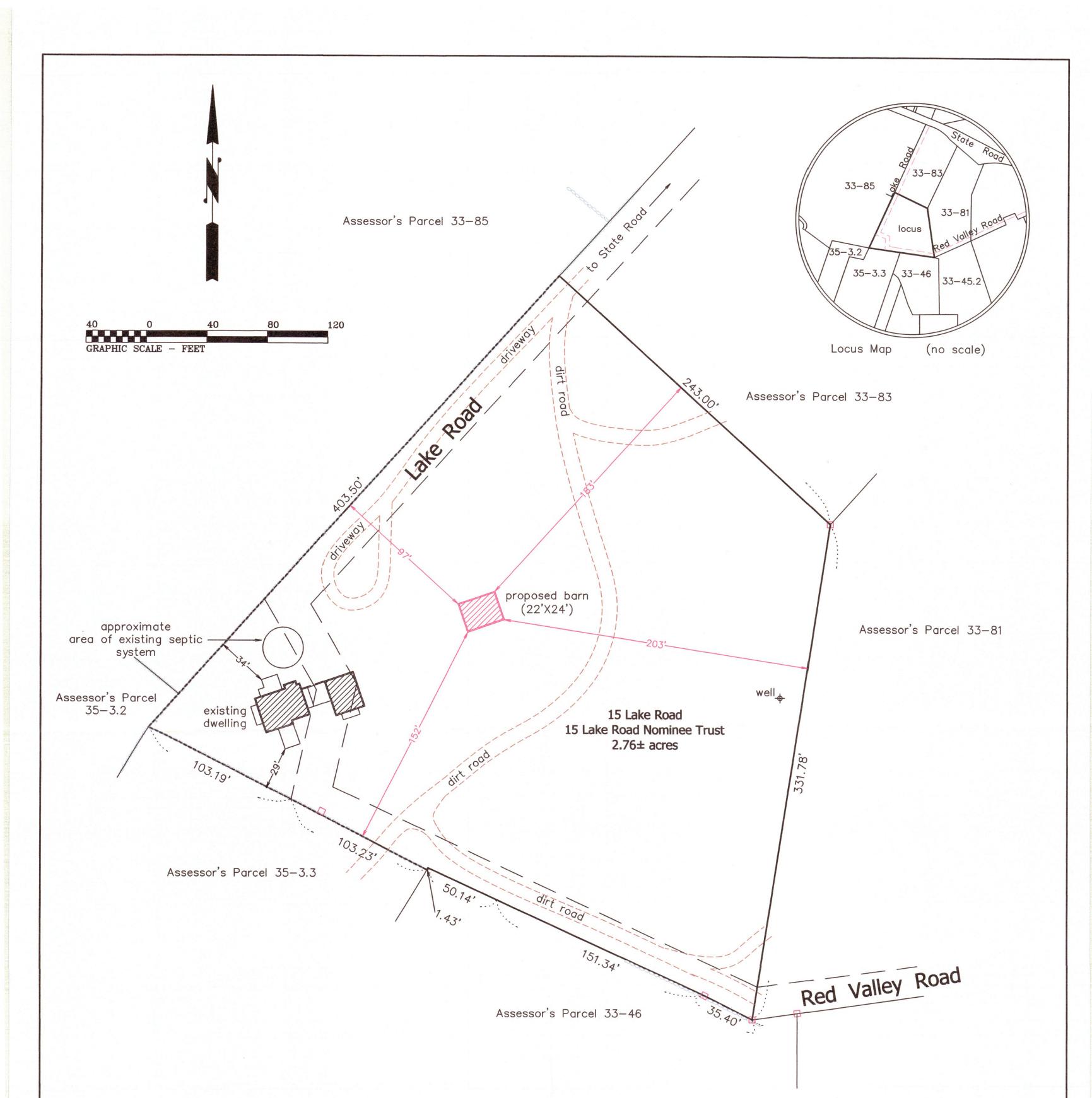
State Briefly Reasons for Special Permit

The applient requests a Special Demit to construct a garage storage bindding with a height of 24' as allowed by special primit under sector 12 of Chilmark Joing by lows.



Petitioner DAMIAN DEPINO

Address 26 OYSTER LANG CHILMARK, MA



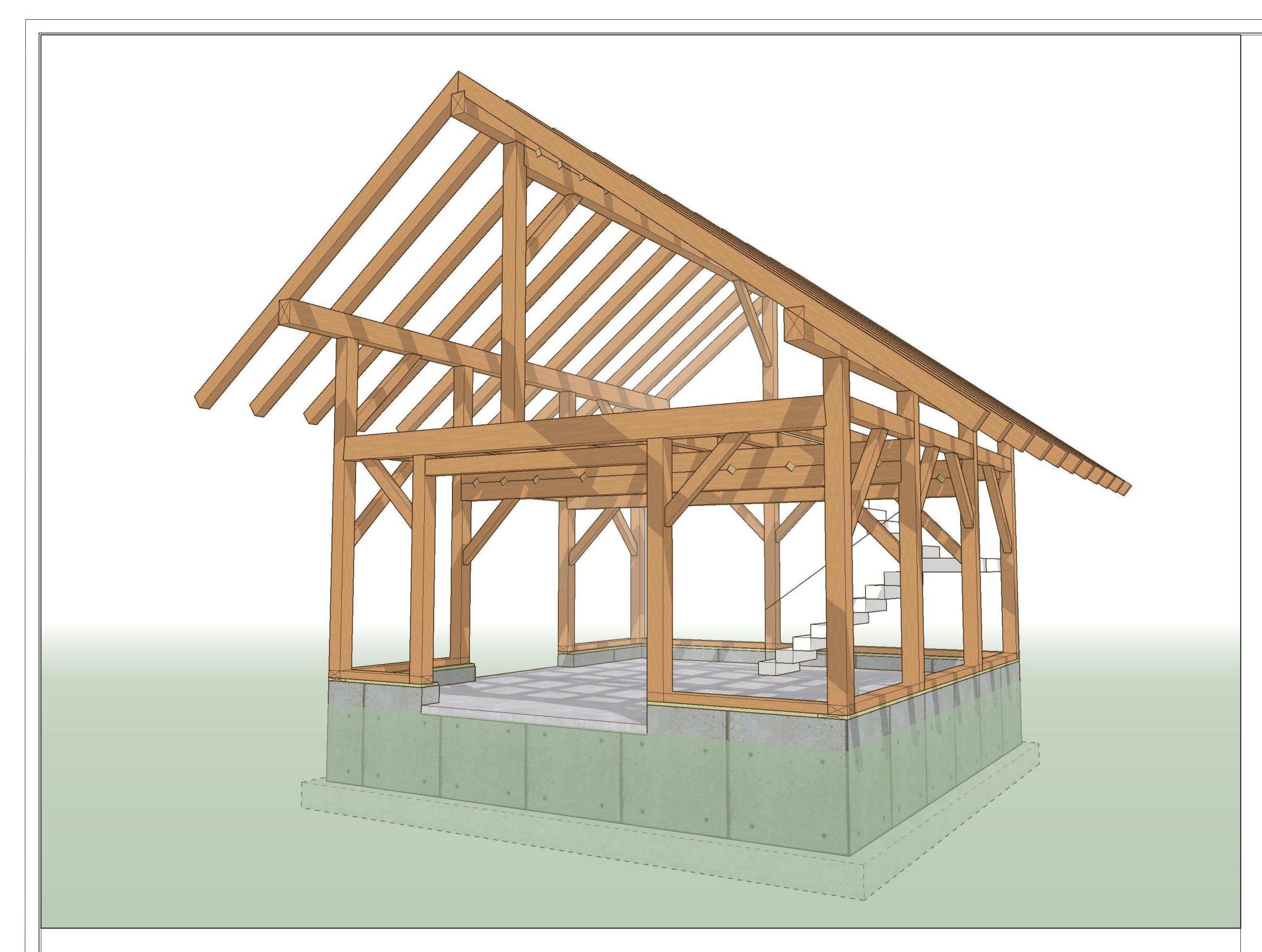
Notes:

 Locus lies within the Chilmark AR-VI Zoning District minimum lot size: 3 acres required property line setbacks: 50' front, 50' side, and 50' rear

2. Locus lies within Zone D of the Squibnocket Pond Area District



Site Plan Chilmark, Mass. Prepared For 15 Lake Road Nominee Trust Scale: 1" = 40' February 21, 2024 (April 22, 2024) Schofield, Barbini & Hoehn Inc. Land Surveying & Civil Engineering 12 Surveyor's Lane, Box 339 Vineyard Haven, Mass. 508-693-2781 www.sbhinc.net MV 12214



Т	IMBERFRAME SPECIFICATIONS:	TIMBER
•	These drawings depict an exposed, heavy timber framed structure.	• L J
•	The timbers are EASTERN WHITE PINE, unless noted otherwise. The timbers meet the NEMLA standards for #2 (or better). Their moisture content, at fabrication, is approximately 20%. Some warping, twisting, and checking of timbers is anticipated as they reach equilibrium moisture content.	• А • А
•	The timber sizes shown are NOMINAL. The timber sizes are subject to slight revision; but only under the direct supervision of the ENGINEER OF RECORD for the frame.	• А
•	The timber connections are based on traditional methods - using mortises, tenons, splines, pegs, and keys. The connections are designed and detailed under the direct supervision of ENGINEER OF RECORD for the frame.	• T L A T
•	All timber joinery must be approved by ENGINEER OF RECORD for the frame.	• V
•	* All metal connectors (at post feet, for example) are to be Simpson or equal.	F
Т	IMBER SCREWS:	• +
•	UNLESS NOTED OTHERWISE, ALL SCREWS SHALL BE BY GRK RSS, ROTHOBLAAS TBS, SIMPSON OR OTHER APPROVED SCREW, WITH A SHANK DIAMETER OF AT LEAST 0.2", AND A THREAD DIAMETER OF AT LEAST 0.30".	L N A
•	SCREWS HOLES SHALL NOT BE PRE-DRILLED UNLESS OTHERWISE NOTED, AND HAVE AT LEAST 3" OF THREAD PENETRATION INTO THE CONNECTING MEMBER.	• L V L

R FRAME JOINERY:

JNLESS OTHERWISE CALLED OUT IN JOINERY DETAILS ON THE STRUCTURAL AND TIMBER FRAME DRAWINGS, THE JOINERY SHOULD MEET THE FOLLOWING REQUIREMENTS, AND BE DETAILED IN ACCORDANCE WITH TFEC 1-19.

ALL PEGS SHALL BE 1" IN DIAMETER, AND MEET THE REQUIREMENTS OF TFEC 1-19.

ALL BRACES SHALL BE HELD BY ONE PEG PER JOINT UNLESS NOTED OTHERWISE.

ALL NON BRACE TENONS SHALL BE HELD WITH (2) PEGS UNLESS NOTED OTHERWISE.

ENONS CONNECTING MEMBERS IN 8X MATERIAL AND LARGER (SMALLEST DIRECTION), SHALL BE 2" THICK AND 5" IN ENGTH, WITH 3" OF RELISH. IN 6X MATERIAL, 1 ½" THICK, 4" LONG TENONS WITH 2 ½" RELISH SHALL BE USED. 4X AND SMALLER MATERIAL, INCLUDING BRACES (UNLESS OTHERWISE CALLED OUT) AND STRUTS, SHALL HAVE A 1 1/2" THICK TENON, AT LEAST 3 ¹/₂" IN LENGTH, AND 2 ¹/₂" OF RELISH.

WHERE TENON INTERFERENCE OCCURS, TENONS SHALL BE AS LONG AS POSSIBLE, AND OFFSET (HIGH/LOW) WHERE POSSIBLE. IN THREE-WAY AND FOUR-WAY CONNECTIONS, 1 ½" THICK HARDWOOD (SPECIFIC GRAVITY EQUAL TO OR GREATER THAN THE CONNECTING TIMBERS) OR 1 3/4" LVL SPLINES ARE STRONGLY ENCOURAGED.

HOUSINGS FOR 6X AND LARGER STOCK SHALL BE 1", UNLESS SPECIFIED OTHERWISE. WHERE 6X FRAMING IS NOT DIRECTLY SUPPORTING ROOF OR FLOOR LOADS, 1/2" STUB TENONS MAY BE USED IN PLACE OF FULL 1" HOUSINGS. 4X MATERIAL, INCLUDING BRACES, SHALL BE HOUSED 1/2". BIRDSMOUTHS, REDUCTIONS, AND COPES NOT SUPPORTED BY A BEARING SURFACE SHALL NOT EXCEED MORE THAN 1/4 THE MEMBER DEPTH WITHOUT REQUIRING FURTHER REINFORCEMENT.

JNLESS OTHERWISE SPECIFIED, RAFTERS AND PURLINS SHALL BE SECURED INTO THEIR HOUSINGS AND SUPPORTS NITH LOG SCREWS, (1) SCREW AT EACH END FOR 6X AND SMALLER MATERIAL, (2) SCREWS AT EACH END FOR 8X AND ARGER MATERIAL.

DESIGN CRITERA:

BUILDING CODES: IBC 2015 MASSACHUSETTS WITH AMENDMENTS ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS

DESIGN LOADS:

DEAD - 15 PSF (assumed) GROUND SNOW LOAD = 35 PSF, Ct=1.2 NOMINAL WIND SPEED = 101 MPH ULTIMATE WIND SPEED = 130 MPH SEISMIC DESIGN CATEGORY = B FROST DEPTH = 48"

SEE ARCHITECTURAL, MECHANICAL & ELECTRICAL DRAWINGS FOR DIMENSIONS AND DETAILS REQUIRED AS STRUCTURAL WORK, WHICH ARE NOT SHOWN ON THE STRUCTURAL DRAWINGS. ANY DISCREPANCY THAT EXISTS BETWEEN WHAT IS SHOWN AND ACTUAL MUST BE BROUGHT TO THE ATTENTION OF HARDWICK POST & BEAM/ ENGINEER PRIOR TO THE START OF CONSTRUCTION. THE REPRODUCTION OF ANY CONTRACT DOCUMENTS, IN FULL OR IN PART, FOR THEIR USE AS SHOP DRAWINGS WILL NOT BE ACCEPTED AND WILL BE RETURNED AS REJECTED. SUBMITTALS VIA FACSIMILE ARE ALSO UNACCEPTABLE AND WILL NOT BE REVIEWED.

GENERAL NOTES:

- 1.
- 2. PRIOR TO CONSTRUCTION.
- 3. IS 40 PSF.
- 4. CONSTRUCTION.
- TIMBER FRAME ELEMENTS HAVE BEEN DESIGNED TO RESIST GRAVITY LOAD ONLY. ALL LATERAL LOADS TO BE CARRIED IN BUILDING ENVELOPE BY OTHERS.

CONCRETE NOTES:

- 1. PRACTICE" EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE INDICATED.
- 2. SHALL CONFORM TO ASTM C260.
- WRITING FROM THE STRUCTURAL ENGINEER.
- 6.
- STIRRUPS AND TIES WHICH MAY BE GRADE 40 STEEL.
- AROUND ALL CORNERS AND AT ALL INTERSECTIONS. 9.
- NOT LESS THAN SIX INCHES OR 12 BAR DIAMETERS, WHICHEVER IS GREATER. 10.
- MESH PLUS 2 INCHES AT SIDES AND ENDS AND TIE TOGETHER. PROVIDE CLEAR CONCRETE COVER OVER REINFORCEMENT AS FOLLOWS: 11. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH . CONCRETE EXPOSED TO EARTH OR WEATHER -
- CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND 12. USED.
- 13. INSTRUCTIONS.
- TO FOUNDATION WITH NUT & WASHERS. 15.

CENTERED.

ABBREVIATIONS

@	AT	EXP.	EXPOSED
&	AND	FD	FIXED
AFF.	ABOVE FINISH FLOOR	FFE	FINISH FLOOR
ALUM.	ALUMINUM	FT	FULLY THREAD
BB	BLUEBOARD	GFI.	GROUND FAUL
CAB.	CABINET	GL	GLASS
CF	CUBIC FEET	GLB.	GLUED LAMINA
CMU	CONCRETE MASONRY UNIT	GWB	GYPSUM WALL
COL.	COLUMN	ICF	INSULATED CO
CONC.	CONCRETE	INS.	INSULATION
DF	DOUGLAS FIR	LVL	LAMINATED VE
DIA.	DIAMETER	0.C.	ON CENTER
DN	DOWN	PLY	PLYWOOD
DW	DISHWASHER	PVC	POLY VINYL CH
EA.	EACH	PT	PARTIALLY THE
EL.	ELEVATION	P.T.	PRESSURE TRE

ALLOWABLE SOIL BEARING = 2000 PSF (ASSUMED)

CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR OTHER CONDITIONS WHICH DIFFER FROM WHAT IS INDICATED ON THE DRAWINGS.

DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS SHALL BE VERIFIED BY THE CONTRACTOR WITH THOSE SHOWN ON THE ARCHITECTURAL DRAWINGS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER AND ENGINEER

CONSTRUCTION MATERIALS SHALL NOT BE PLACED, STACKED OR OTHERWISE STORED UPON ANY STRUCTURAL ELEMENT IN A MANNER WHICH EXCEEDS THE LIVE LOAD CAPACITY OF THE ELEMENT. UNLESS OTHERWISE NOTED, THIS LIVE LOAD CAPACITY

NOTES, DETAILS AND DIMENSIONS ON INDIVIDUAL DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEERS ATTENTION BEFORE PROCEEDING WITH

THE CONTRACTOR SHALL BE SOLEY RESPONSIBLE FOR PROVIDING ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, TEMPORARY BRACING/SHORING AGAINST WIND, SNOW, EQUIPMENT, MATERIAL STORAGE AND/OR OTHER LOADS WHICH MAY ARISE PRIOR TO THE COMPLETION OF CONSTRUCTION. PERIODIC INSPECTIONS BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THESE ITEMS NOR ANY OPINION REGARDING THE ADEQUACY OF SUCH MEASURES.

CONCRETE SHALL COMPLY WITH THE PROVISIONS OF THE AMERICAN CONCRETE INSTITUTE (ACI) 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE".

REINFORCING STEEL SHALL COMPLY WITH THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD

CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS, AND A MAXIMUM WATER-CEMENT RATIO OF 0.46. CONCRETE EXPOSED TO DE-ICING SALTS SHALL FORMULATED USING AIR ENTRAINING ADMIXTURES PROVIDING NOT LESS THAN 4.5 PERCENT NOR MORE THAN 7.0 PERCENT ENTRAINED AIR. AIR ENTRAINING ADMIXTURES

CONCRETE DESIGN MIX SHALL BE PROPORTIONED SUCH THAT CONCRETE SLUMP, AT THE POINT OF PLACEMENT, SHALL BE NO LESS THAN 1 INCH NOR MORE THAN 3 INCHES FOR REINFORCED STRUCTURAL CONCRETE, 4 INCHES FOR ALL OTHER CONCRETE. WATER SHALL NOT BE ADDED TO THE CONCRETE BEFORE PLACEMENT UNLESS PRIOR APPROVAL IS RECEIVED IN

CONCRETE SLABS ON GRADE SHALL BE PLACED OVER A VAPOR BARRIER LAPPED A MINIMUM OF SIX INCHES AND SEALED. CONCRETE SHALL BE CONSOLIDATED USING VIBRATORY EQUIPMENT AND/OR HAND RODDING AND TAMPING UNTIL CONCRETE IS UNIFORMLY DISTRIBUTED AROUND REINFORCEMENT AND OTHER EMBEDDED ITEMS.

CONTRACTOR SHALL PROTECT CONCRETE FROM PHYSICAL DAMAGE OR REDUCED STRENGTH DURING MIXING, PLACEMENT AND CURING. COLD WEATHER CONCRETE PLACEMENT SHALL COMPLY WITH ACI 306.

CONCRETE REINFORCEMENT SHALL BE GRADE 60 STEEL MEETING THE REQUIREMENTS OF ASTM A615 EXCEPT FOR

REINFORCEMENT SHALL NOT BE SPLICED NOR WELDED EXCEPT AS DETAILED OR AS AUTHORIZED IN WRITING BY THE STRUCTURAL ENGINEER. LAP SPLICES SHALL BE A MINIMUM OF 40 BAR DIAMETERS UNLESS OTHERWISE NOTED ON THE DRAWINGS. HORIZONTAL REINFORCEMENT IN WALLS SHALL BE SPLICED USING CORNER BARS OF EQUAL SIZE AND SPACING

VERTICAL REINFORCEMENT SHALL BE DOWELLED INTO FOUNDATION. DOWELS SHALL TERMINATE WITH A STANDARD HOOK

WELDED WIRE FABRIC SHALL CONFORM TO THE REQUIREMENTS OF ASTM A185. LAP WIRE FABRIC A MINIMUM OF ONE FULL

#6 AND LARGER . #5 AND SMALLER, WWF

...1-1/2"1-1/2" ANCHOR BOLTS SHALL CONFORM TO ASTM A307. EXPANSION BOLTS SHALL BE HILTI KWIK BOLTS OR APPROVED EQUIVALENT.

EXPANSION BOLTS SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS. WHERE EMBEDMENT LENGTH, EDGE DISTANCE(S) AND/OR SPACING REQUIREMENTS OF THE MANUFACTURER CANNOT BE MET, EPOXY ANCHORS SHALL BE

NON SHRINK GROUT SHALL BE 5000 PSI FIVE STAR GROUT OR APPROVED EQUAL, INSTALLED PER MANUFACTURER'S WRITTEN

14. ANCHOR BOLTS SHALL BE 1/2" DIA. WITH A MINIMUM EMBEDMENT LENGTH OF 8 INCHES. ANCHOR BOLTS SHALL BE INSTALLED AT 48" O.C. AND WITHIN 12 INCHES OF EACH END OF FOUNDATION SILL PLATES. SILL PLATES SHALL BE SECURED

CONCRETE SLABS ON GRADE SHALL HAVE W2.9xW2.9 6x6 WWF REINFORCEMENT CENTERED IN SLAB OR #4's @ 16" EA. WAY,

SHEET INDEX ARCHITECTURAL DRAWINGS REF. REFRIGIERATOR R.O. ROUGH OPENING GO COVER PAGE R ELEVATION SD SMOKE DETECTOR TF1 EXTERIOR ELEVATIONS DED SECT. SECTION TF2 FOUNDATION PLAN ILT INTERRUPTER SHT. SHEET TF3 PLANVIEW SIM. SIMILAR SPF NATED BEAM SPRUCE, PINE, OR FIR TF4 ROOF PLAN L BOARD SQ. SQUARE TF5 LOFT FRAMING PLAN ONCRETE FORM SQFT SQUARE FEET TF6 ELEVATION A STL STEEL TF7 ELEVATION C SYP SOUTHERN YELLOW PINE ENEER LUMBER TF8 ELEVATION E T&G TONGUE & GROOVED TBD TO BE DETERMINED TF9 BENT 1 CHLORIDE TYP. TYPICAL TF10 BENT 2 HREADED VB VAPOR BARRIER TF11 BENT 3 REATED VIF VERIFY IN FIELD TF12 BENT 4 WD WOOD

P.O. BOX 225 HARDWICK, MA 01037 Рн: (413) 477-6430 Fax: (413) 477-0937 LIC. NO. 010089 WWW.HARDWICKPOSTANDBEAM.COM

PROPOSED PROJECT:

LEE GARAGE

CLIENT: LEE, BARBARA 15 LAKE ROAD CHILMARK, MA

SITE INFO:

DEPINO / LEE CHILMARK / 15 LAKE ROAD

FILE NAME:	HP&B B	ARBARALEE_CDS_06
DATE MODIFIED:		03-20-24
DRAWN BY:		GM
CHECKED BY:		XXX
SCALE:		VARIES

ALL MATERIAL IS #1 OR BETTER. EASTERN WHITE PINE.

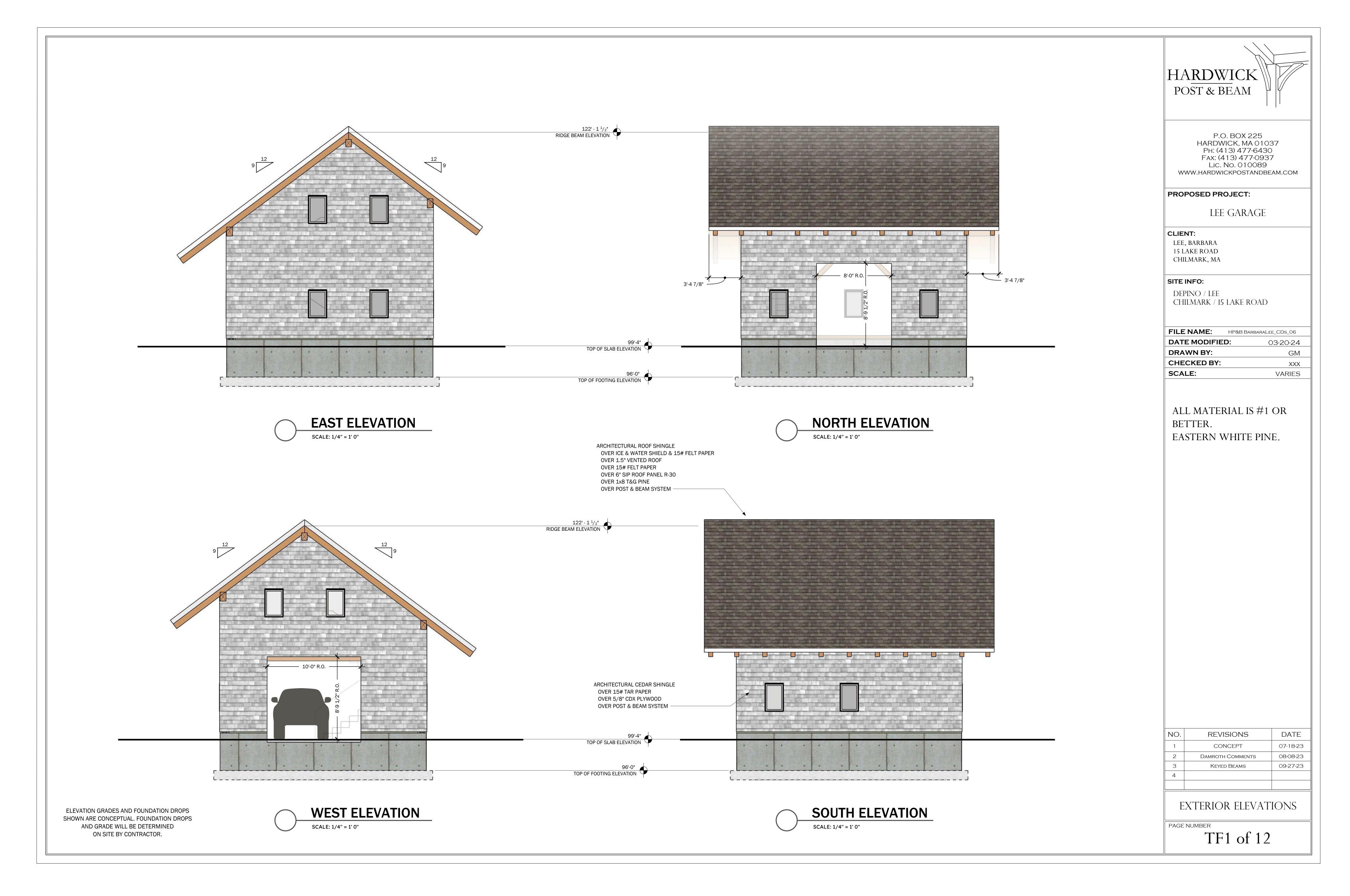
DATE NO. REVISIONS CONCEPT 07-18-23 DAMROTH COMMENTS 08-08-23 2 3 Keyed Beams 09-27-23 4

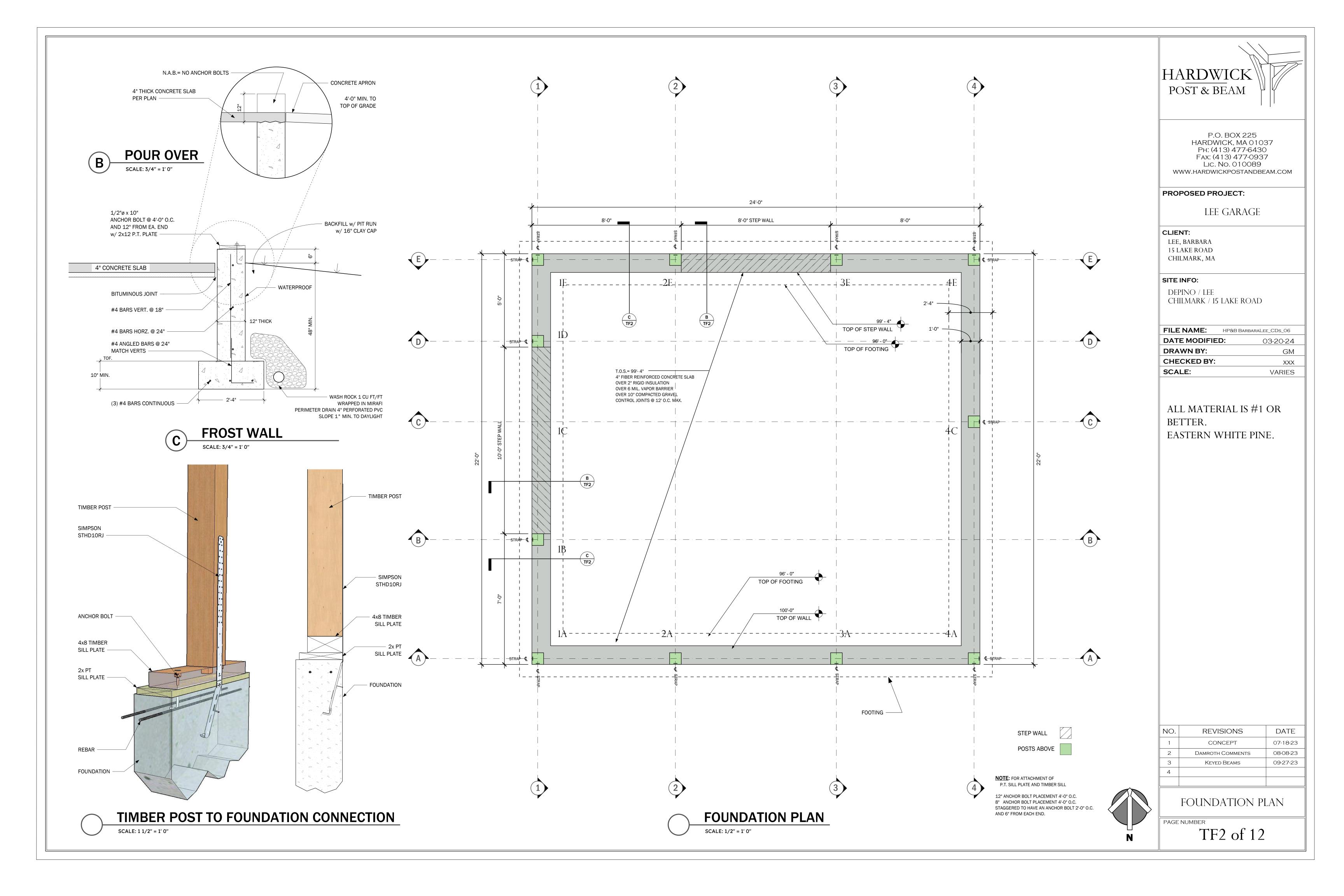
COVER PAGE

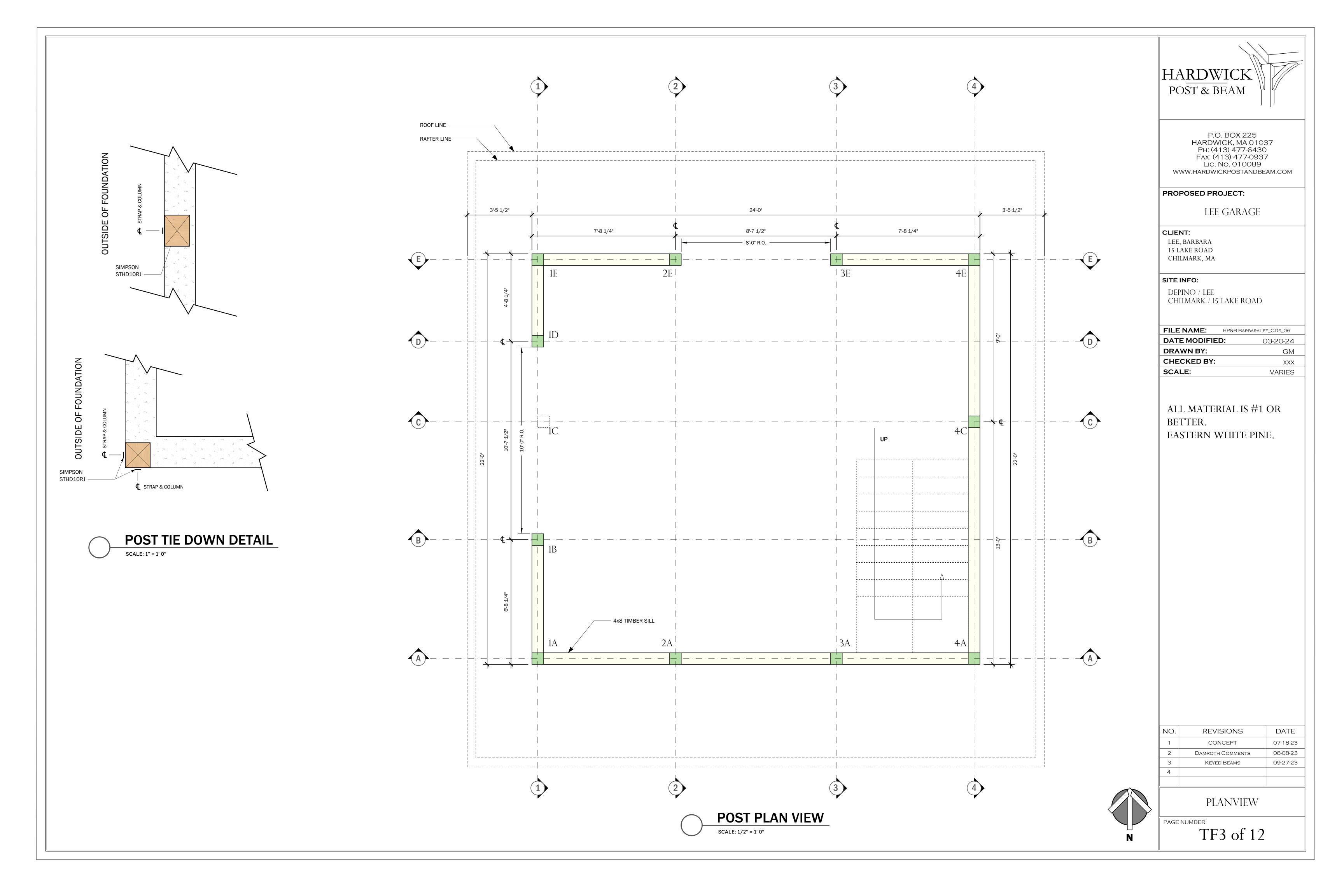


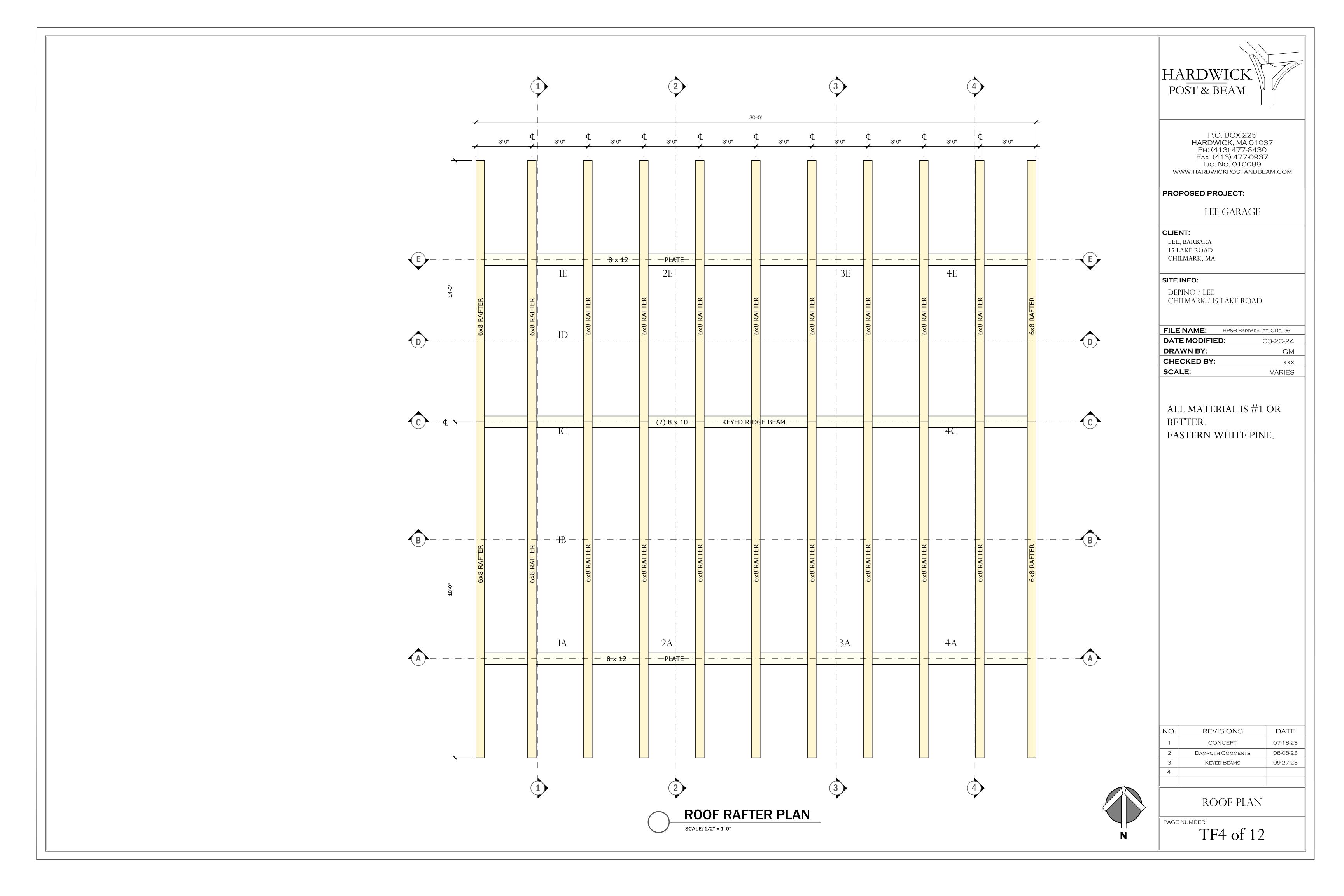
PAGE NUMBER

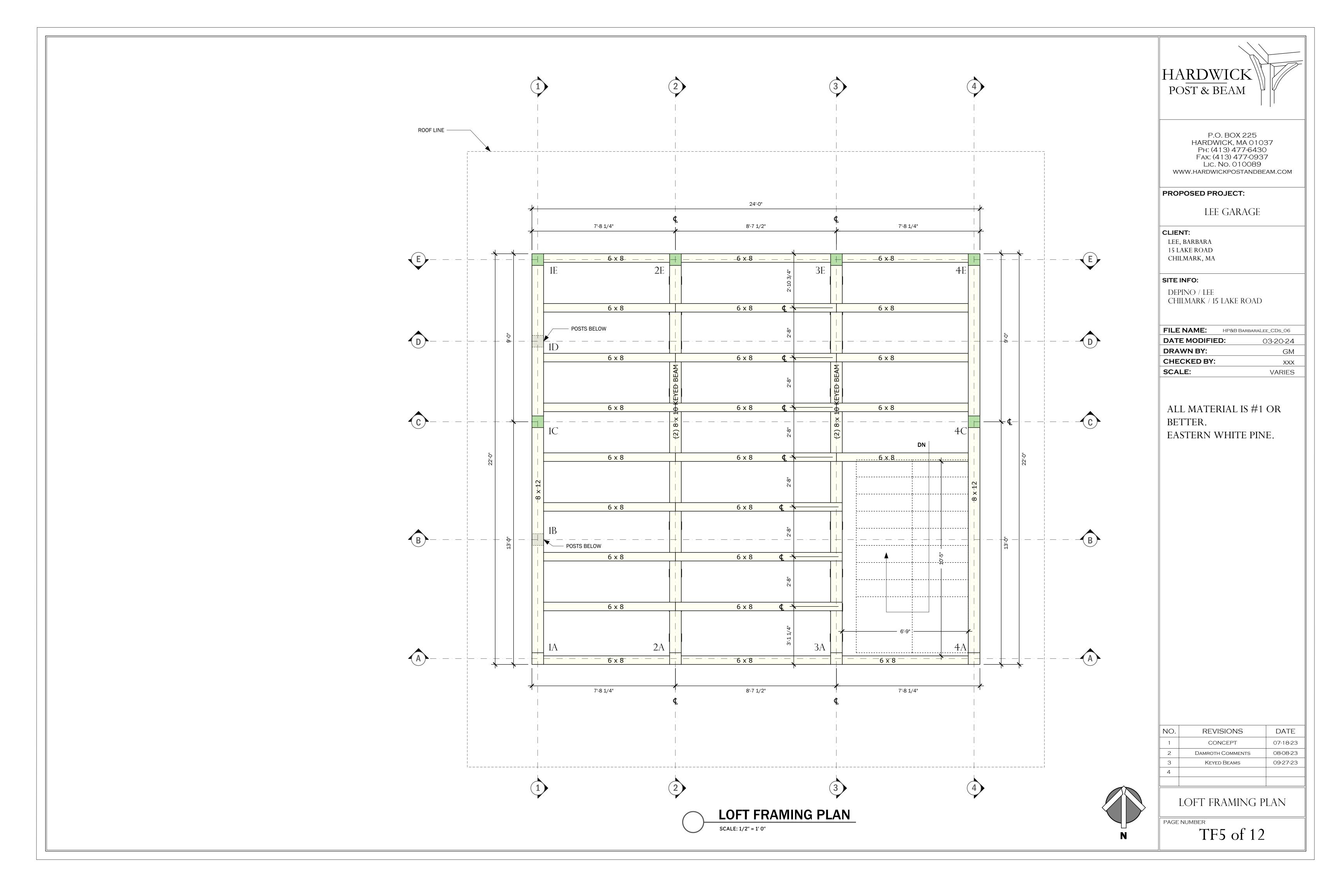
HARDWICK POST & BEAM

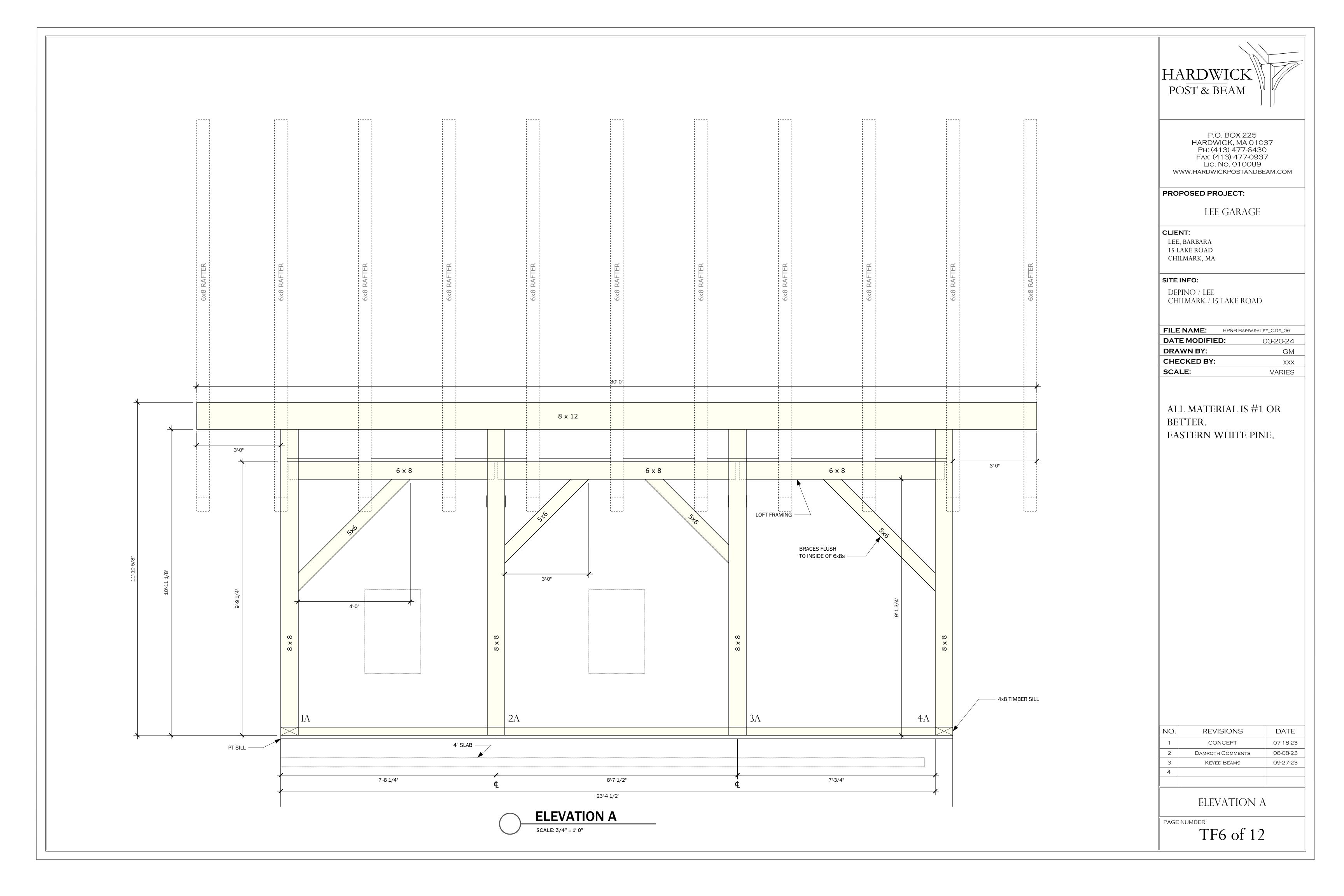


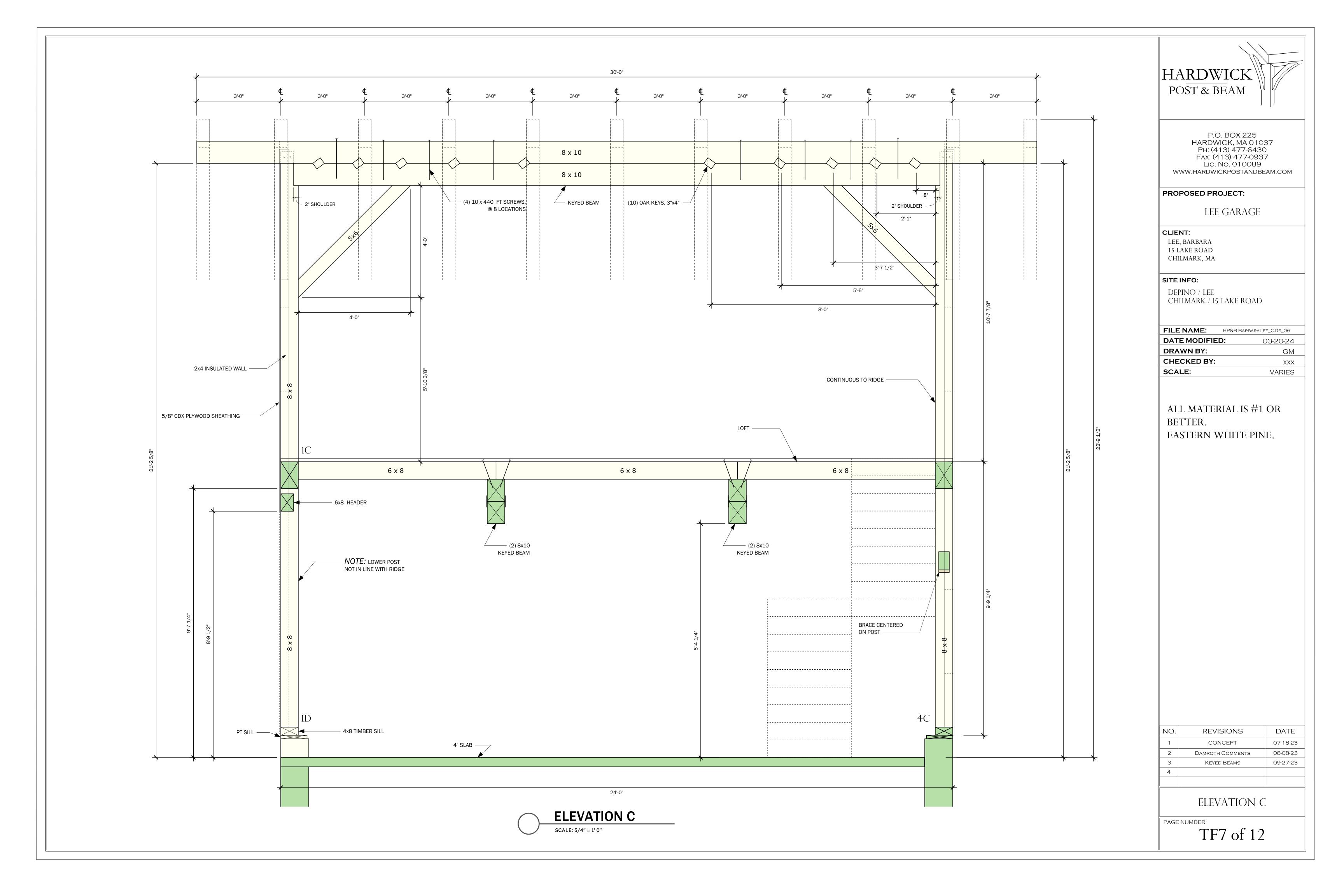


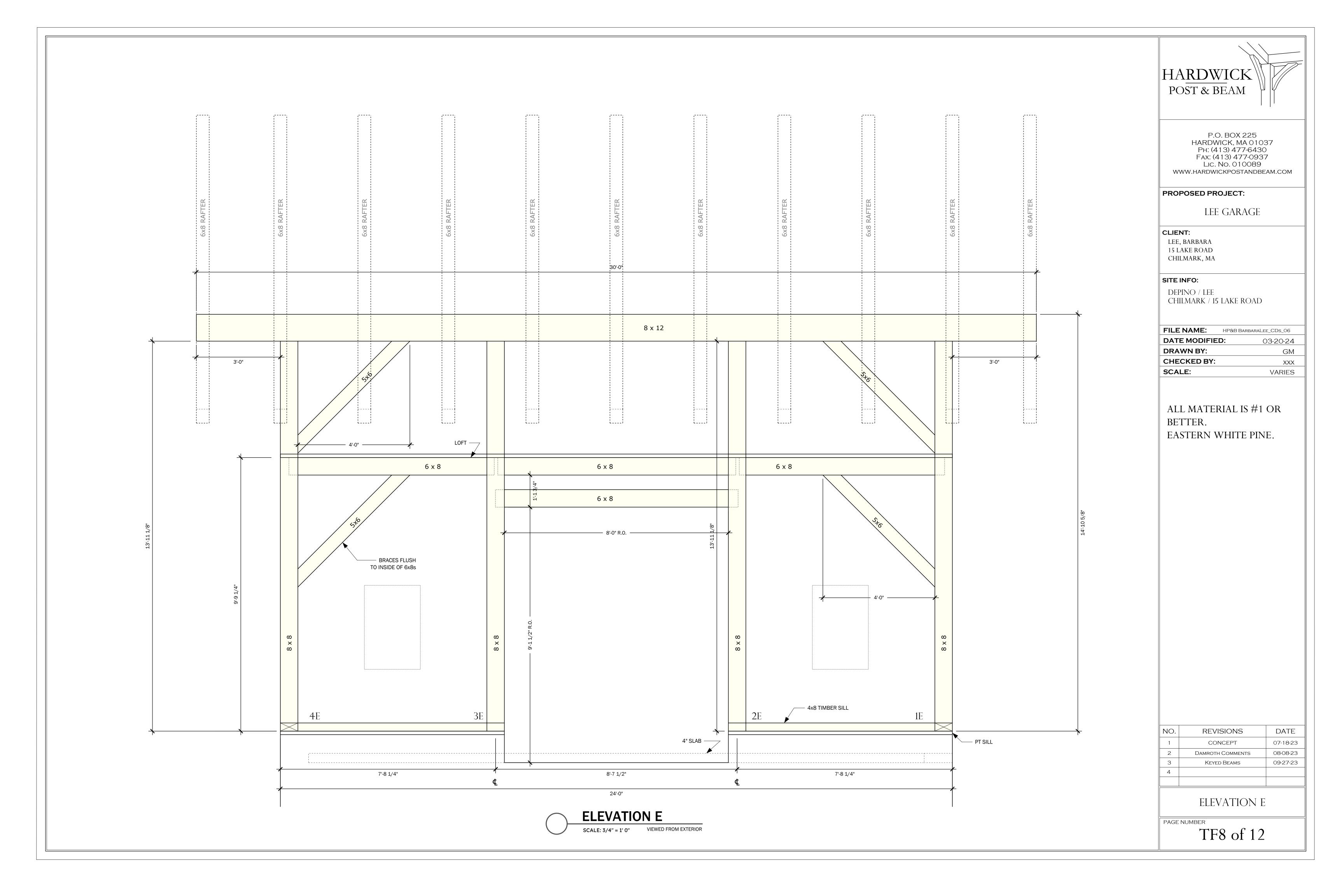


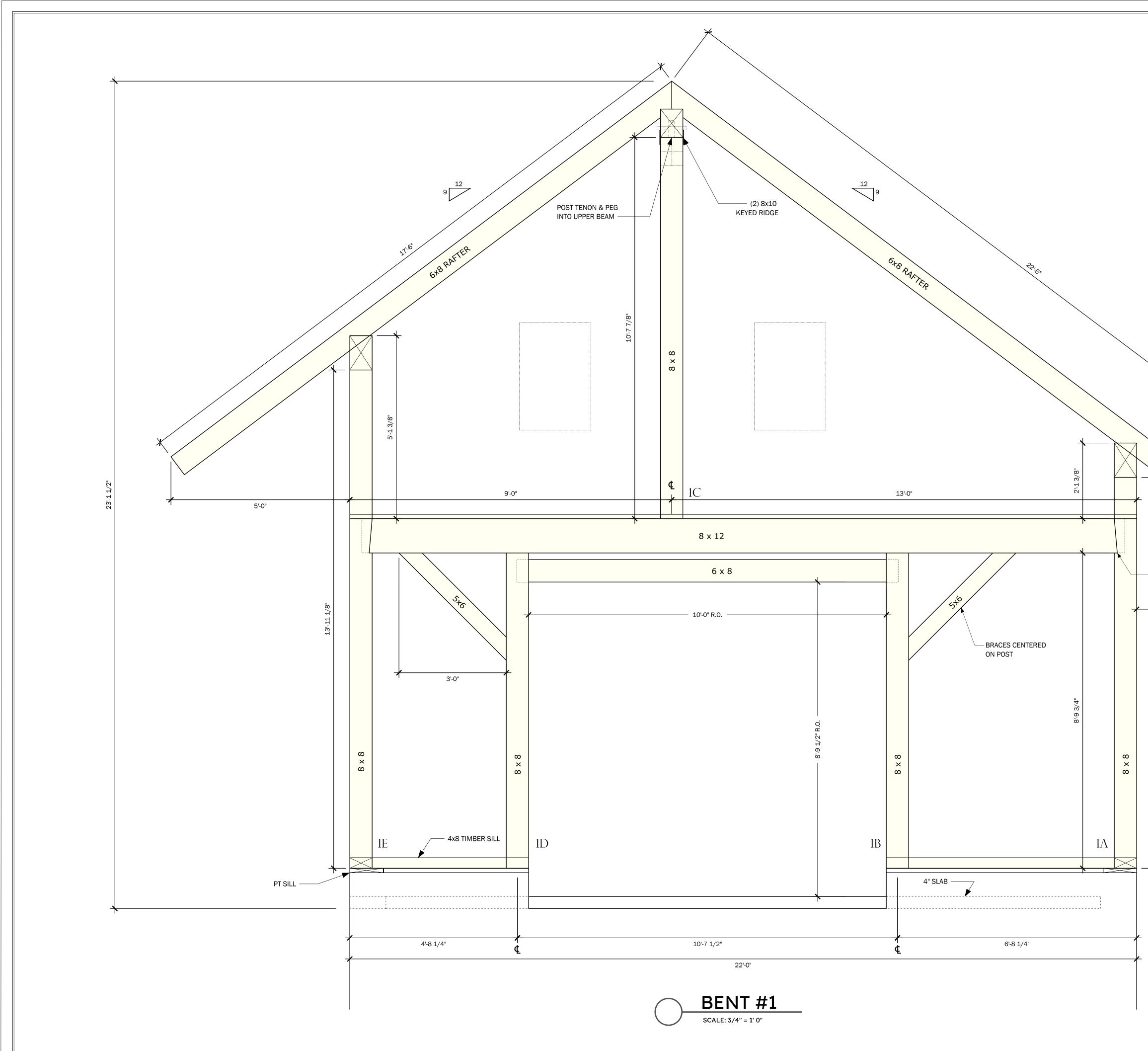








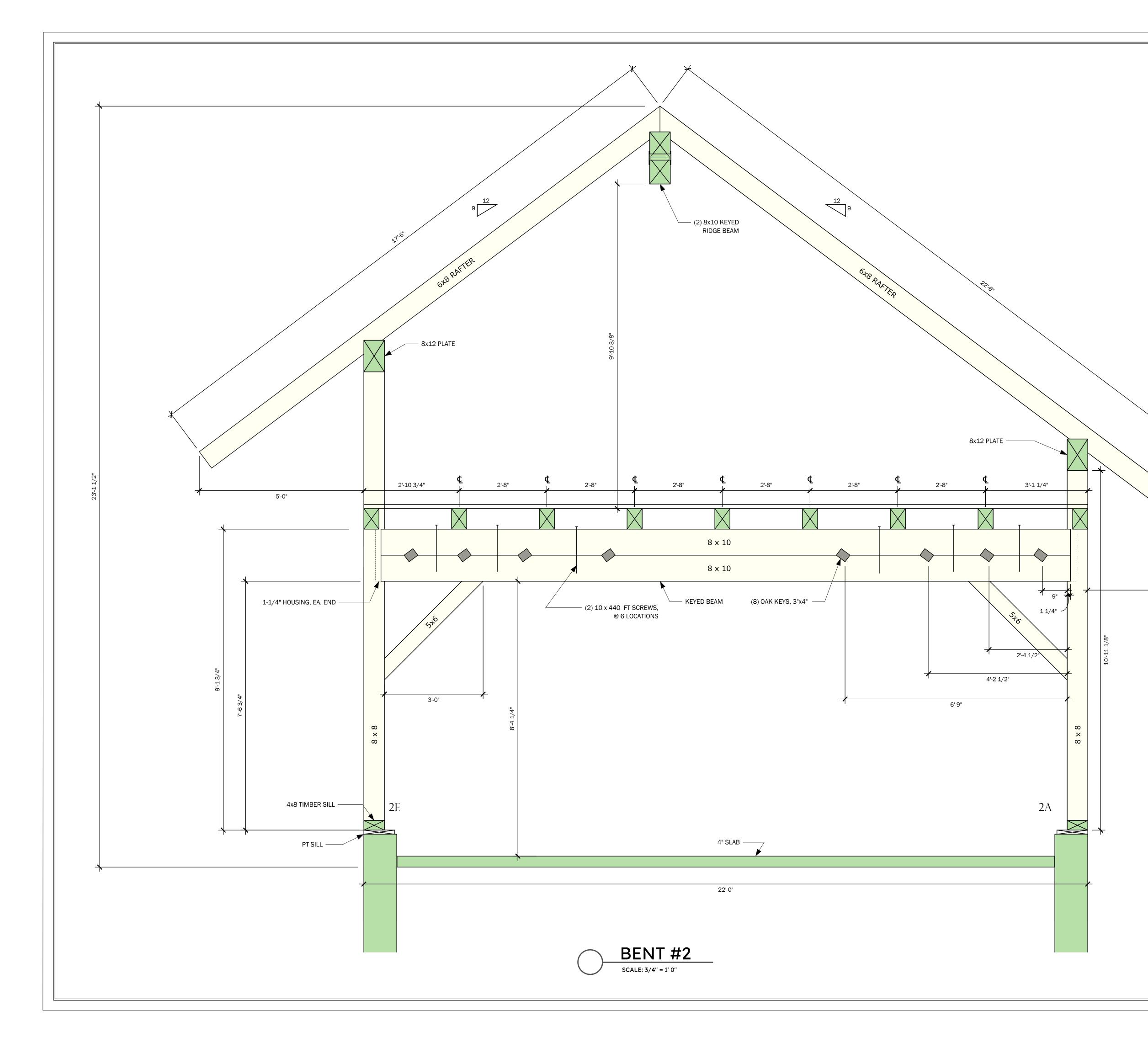




HARDWICK POST & BEAM
P.O. BOX 225 HARDWICK, MA 01037 Ph: (413) 477-6430 Fax: (413) 477-0937 Lic. No. 010089 WWW.HARDWICKPOSTANDBEAM.COM
PROPOSED PROJECT: LEE GARAGE
CLIENT: LEE, BARBARA 15 LAKE ROAD CHILMARK, MA
SITE INFO: DEPINO / LEE CHILMARK / 15 LAKE ROAD
FILE NAME: HP&B BARBARALEE_CDS_06
DATE MODIFIED: 03-20-24
DRAWN BY: GM CHECKED BY: XXX
SCALE: VARIES
NO.REVISIONSDATE1CONCEPT07-18-232DAMROTH COMMENTS08/08-23
1 CONCEPT 07-18-23
1 CONCEPT 07-18-23 2 DAMROTH COMMENTS 08-08-23 3 Keyed Beams 09-27-23

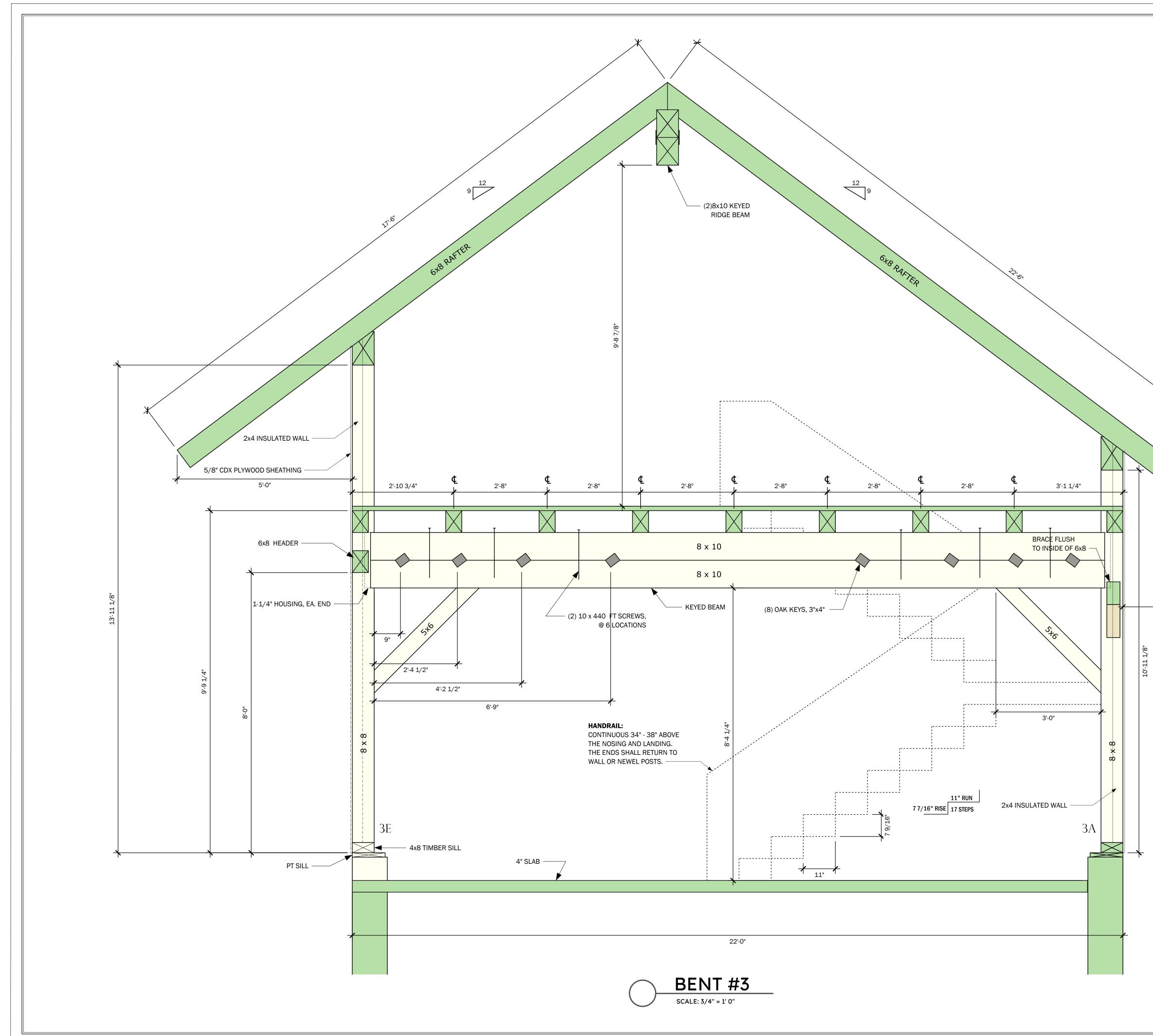
1" TAPERED HOUSING W/ 3.5" TENON, EA. END 5'-0"

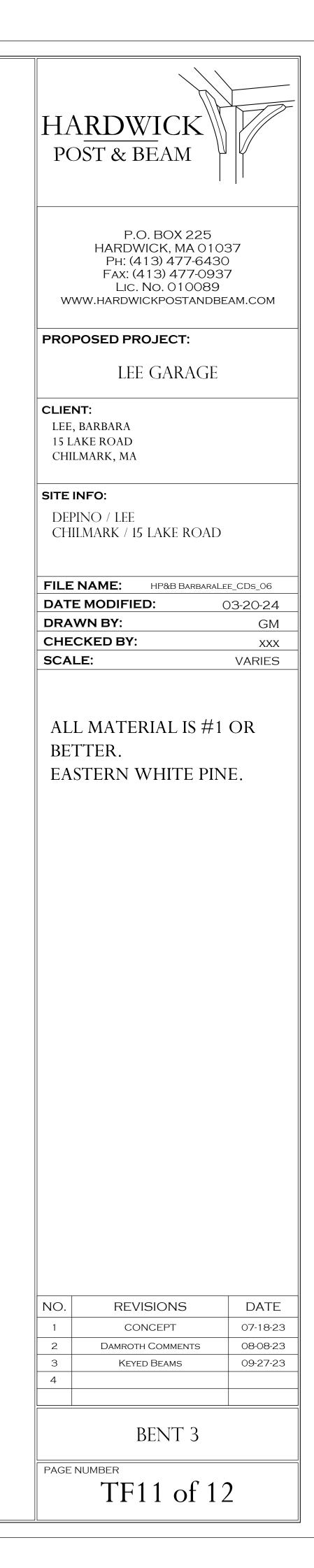
L0'-11 1/8"



	HARDWICK POST & BEAM
	P.O. BOX 225 HARDWICK, MA 01037 Ph: (413) 477-6430 Fax: (413) 477-0937 Lic. No. 010089 WWW.HARDWICKPOSTANDBEAM.COM
	PROPOSED PROJECT: LEE GARAGE
	CLIENT: LEE, BARBARA 15 LAKE ROAD CHILMARK, MA
	SITE INFO: Depino / Lee Chilmark / 15 lake road
	FILE NAME: HP&B BARBARALEE_CDS_06 DATE MODIFIED: 03-20-24 DRAWN BY: GM
	CHECKED BY: XXX SCALE: VARIES
*	ALL MATERIAL IS #1 OR BETTER. EASTERN WHITE PINE.
٤	
	NO.REVISIONSDATE1CONCEPT07-18-232DAMROTH COMMENTS08-08-233Keyed Beams09-27-234
	BENT 2
	PAGE NUMBER TF10 of 12

5'-0"





5'-0"

INTERIOR STAIRS:

STRINGERS ARE 2x12 TREADS ARE 5/4" H.D. PARTICLE BOARD w/ 3/4" #2 PINE RISERS

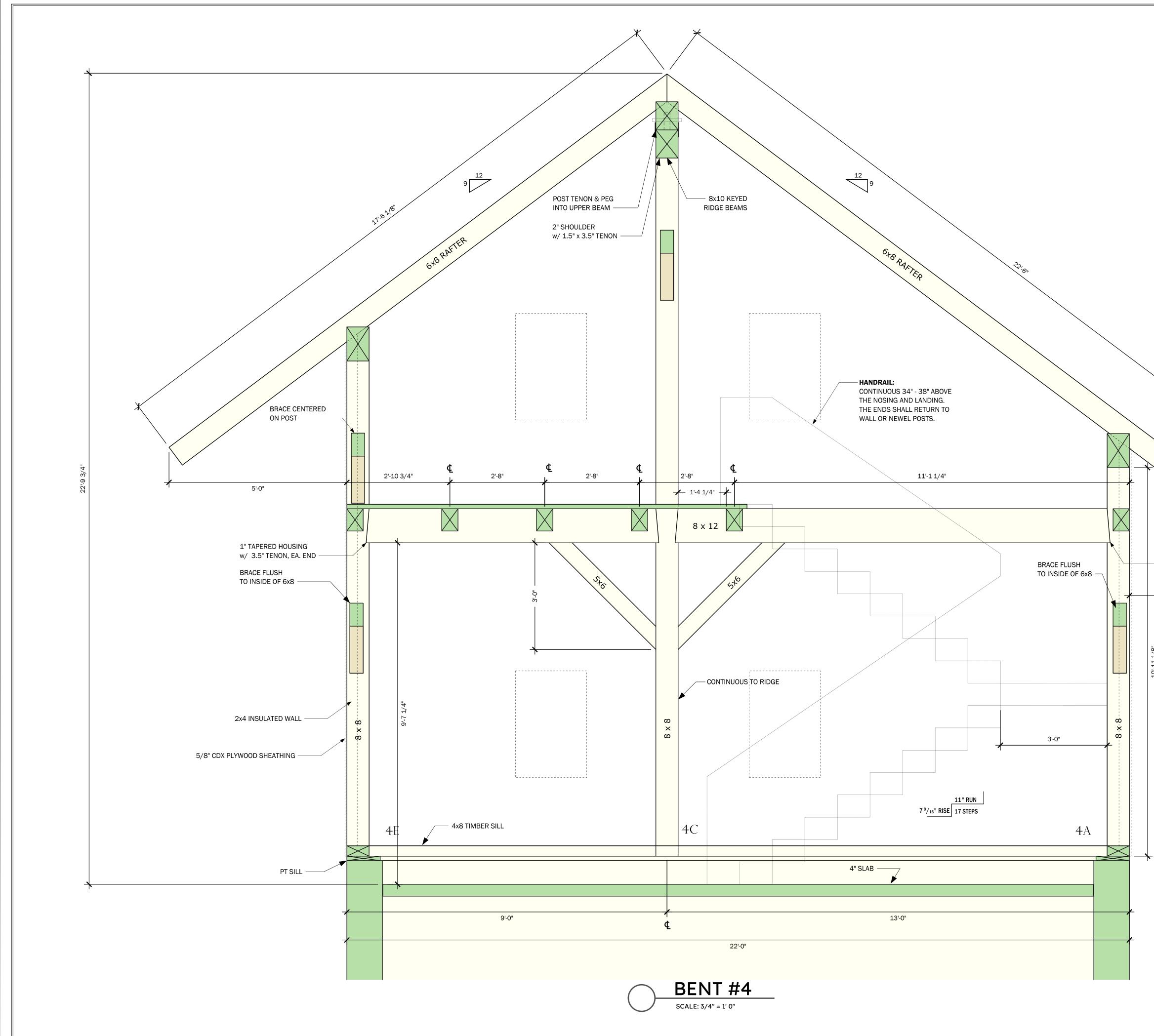
GUARDRAILS:

ARE REQUIRED WHEN FLOOR IS MORE THAN 30" ABOVE GRADE OR FLOOR.

MINIMUM HEIGHT - 42" EXCEPT FOR GROUP R, DIV.1 OCCUPANCIES MAY BE 36"

OPENINGS - INTERMEDIATE RAILINGS MUST BE PLACED SO A 4" DIAMETER SPHERE CANNOT BE PASSED THROUGH

THE OPENING CREATED BY THE RISE AND RUN OF THE STAIRS NEEDS TO BE SUCH SO A 6" SPHERE CANNOT PASS THROUGH.



	HARDWICK POST & BEAM
	P.O. BOX 225 HARDWICK, MA 01037 Ph: (413) 477-6430 Fax: (413) 477-0937 LIC. NO. 010089 WWW.HARDWICKPOSTANDBEAM.COM
	PROPOSED PROJECT: LEE GARAGE
	CLIENT: LEE, BARBARA 15 LAKE ROAD CHILMARK, MA
	SITE INFO: Depino / Lee Chilmark / 15 lake road
	FILE NAME: HP&B BARBARALEE_CDS_06 DATE MODIFIED: 03-20-24 DRAWN BY: GM
	CHECKED BY: XXX SCALE: VARIES
	ALL MATERIAL IS #1 OR BETTER. EASTERN WHITE PINE.
5'-0"	
	NO.REVISIONSDATE1CONCEPT07-18-232DAMROTH COMMENTS08-08-233KEYED BEAMS09-27-23
	BENT 4
	PAGE NUMBER TF12 of 12

F -10'-11