Town of Barrington
PO Box 660/333 Calef Hwy
Barrington, NH 03825
www.barrington.nh.gov
(603) 664-5183

APPLICATION FOR CLASS VI/PRIVATE ROAD BUILDING PERMIT

OWNER INFORMATION	
Please include a separate e-mail address for each owner to avoid processing delays.	
Name: Kevin M. Roy Tr.	Address: 15 Topping Rd. Andover, MA 01810
Phone: 617-967-8660	E-Mail: kevinmroy@verizon.net
Name: Jean P. Roy Tr.	Address: 15 Topping Rd. Andover, MA 01810
Phone: 617-240-6601	E-Mail: jeanproy@verizon.net

PROPERTY DETAILS	
Address/Road: Holly Lane	Map/Lot/Sublot: 270-74
Ownership Deed: Book: 5001 Page: 241-4	Road Classification: ■ Class VI Rd *or* ☐ Private Rd

PROJECT NARRATIVE

Describe the details of the building project

Construction of a single family log home with an attached garage that will be accessed by a gravel driveway off of the existing Class VI gravel road Holly Lane. The driveway will come off of the west side of Holly lane at about the 1,000' mark heading north from Rt 4, which is ~450' from the driveway of the existing home on the road. Due to the possible encroachment on the neighbors property and nearby wet areas, I am proposing widening the road where possible to 14' with drainage swales, replacing two french drains (currently somewhat ineffective due to power company construction traffic) with 15" road culverts, improve the beginning of Holly lane to required standards (including replacing the existing undersized culvert), raising the roadbed grade at the location of the driveway to allow proper pitch/drainage, and install a hammerhead turnaround 50' beyond the driveway, as well as on the lower part of the driveway and a circular turnaround at the house. In asking to allow for a narrower roadbed than is standard, I'm proposing to install pull-offs approximtely every 200' where terrain allows. I have already purchased the equipment, at an approximate cost of $72,000 to help build, maintain, plow, and take responibility of the road as required.

■ Copy of Building Permit Application Attached

PERMIT CATEGORY

Review the Class VI/Private Road Building Policy at www.barrington.nh.gov/classviprivateroadbuildingpolicy to apply the correct requirements to your project. Use the checkboxes to indicate completed/attached information.

☐ Category 1

☐ Class VI & Private Road Building Policy Application

- Municipal Disclaimer of Maintenance and Liability
  - *Generated by Town staff upon receipt of completed application*
  - *Recording required by applicant after approval and prior to issuance of permit*

☐ Category 2

Category 1 requirements and:

- Planning Board Review and Comment
- Select Board Decision – Consent Agenda

■ Category 3

Category 1 requirements and:

■ Detailed Property Map
■ Road Improvements
  ■ Option 1 *or* ☐ Option 2
☑ Road Maintenance Agreement
- Permit and Bond for Improvements *(if applicable per Select Board decision)*
- Department Head Recommendations
- Planning Board Review and Comment
- Select Board Public Hearing and Decision
- Application Fee *(if approved, plus building permit fee)*

☐ Waiver Requested *(see policy requirements, include waiver narrative on a separate sheet)*

Applicant Signature:	Date: 6/8/2023

Created 3/3/2022

Town of Barrington
PO Box 660/333 Calef Hwy
Barrington, NH 03825
www.barrington.nh.gov
(603) 664-5183

APPLICATION FOR CLASS VI/PRIVATE ROAD BUILDING PERMIT

FOR ADMINISTRATIVE USE ONLY	
Received Date: 6/13/23	Staff Initials: ZP

APPLICATION REVIEW			
☑	Correct Category	☑	Map Meets Requirements
☑	Road Improvement Details	☑	Missing Information – Applicant Notified recv'd 6/27/23 ZP

ANTICIPATED TIMELINE	
DATE	*If not applicable, please use N/A*
6/28/23	Application Reviewed and Sent to Department Heads *(as soon as possible upon receipt)*
7/3/23	Department Head Recommendations Due *(minimum 1 week following email to Department Heads)*
7/11/23	Planning Board Review *(Department Head recommendations, if applicable, must be provided to Planning Department no less than 1 week prior to next meeting. Schedule for next meeting following 1 full week.)*
	Select Board Public Hearing or Consent Agenda *(minimum 1 week following Planning Board memo receipt)*

COMPLETION DATES	
DATE	*If not applicable, please use N/A*
	Abutter's List Created *(upon receipt)*
	Police Recommendations Received
	Fire Recommendations Received
	Road Agent Recommendations Received
	Planning Board Recommendations Received
	Public Hearing Notice for Select Board Meeting Sent to Abutters *(minimum 1 week prior to meeting)*
	Permit Signed by Select Board Chair
	Recorded Waiver **Book:** _____ **Page:** _____
	Recorded Road Maintenance Agreement **Book:** _____ **Page:** _____
	Permit Issued
	Department Head Sign-Off on Road Improvements
	Building Inspector Verification Conditions of Approval are Met
	Certificate of Occupancy Issued

ATTACHMENTS

Provide a copy of the following to the applicant for their review

- Sample *Agreement and Release Regarding Building Permit for Property Abutting a Private/Class VI Road*
- *Class VI/Private Road Policy – updated 2/14/2022*

Holly Lane Road Improvement Narrative

We, Kevin M. Roy and Jean P. Roy, are requesting the approval of a building permit for the construction of a single family log home on Map 270 – Lot 74, which would be accessed by a gravel driveway off of the existing Class VI gravel road known as Holly Lane. The driveway will come off of the West side of Holly Lane at about the 1,000' mark heading North from Rt 4, and it would be ~450' from the driveway of the already existing home on the lane.

Due to the possible encroachment on the neighbor's property, local terrain, and nearby wet areas, I am proposing the following road improvements to bring it to an acceptable standard. These improvements include, but are not limited to, widening the road where possible to 14' with drainage swales where needed, replacing a French drain (currently somewhat ineffective due to the damage from the power company construction traffic) and another pseudo drain with 15" road culverts, improve the beginning of Holly lane to recommended standards (including replacing the existing undersized and short culvert), raising the roadbed grade at the location of the driveway to allow proper pitch/drainage, and installing a hammerhead turnaround approximately 50' beyond the driveway. In asking to allow for a narrower roadbed than is standard, I'm proposing to install pull-offs, where terrain allows, approximately every 300' in lieu of the required 16' wide roadbed with two foot shoulders. This would allow the simultaneous passing of two safety vehicles and should cover the spirit and intent of the original standard, but minimize the impact on the local environment, and help reduce the already very expensive and burdensome cost of the improvements.

As a side-note, I have already purchased the equipment (a full size tractor-loader, a grader blade, a box blade, a york rake, a heavy duty snow plow and snow chains, etc...) at an approximate cost of over $72,000 to help build, maintain, plow, and take responsibility of the road as stated in the submitted road maintenance agreement. Also, please take into account that I have already spent significant amounts of time and money clearing/cleaning the area, grading/maintaining the existing entire road as needed, as well as repairing and clearing the damaged French drains all along Holly Lane to help maintain and improve the drainage along it.

See attached diagram for layout and locations of aforementioned culverts and pull-off locations.

TOWN OF BARRINGTON, NEW HAMPSHIRE
Agreement and Release Regarding
Building Permit for Property Abutting a Private/Class VI Road

NOW COME Kevin M. Roy Tr. & Jean P. Roy Tr.
(Hereinafter referred to jointly or severally as "owner") with a residential address of Holly Lane, Barrington, NH, and The Town of Barrington, New Hampshire (hereinafter referred to as "town"), a municipal corporation existing under the laws of the State of New Hampshire with an address of 333 Calef Highway, and agree as follow:

WHEREAS, owner owns certain real property (Tax Map 270, Lot 74 Plot____) which abuts Holly Lane Road, conveyed to said owner by a Deed recorded at Book 5001, Page 241-4 at the Strafford County Registry of Deeds: and

WHEREAS, the relevant portion of said Holly Lane Road upon which owner's real property fronts is a private/Class VI road that has not been approved by the Barrington Planning Board, so that the owner's property is therefore subject to the building restrictions imposed under RSA 674:41;

NOW THEREFORE, the town and owner on behalf of themselves, their heirs, legal representatives, successors and assigns, covenant and agree as follows:

1. The town shall allow owner a building permit to construct a single family residence on the property identified above subject to the terms and conditions of a building permit to be issued by the town and the Policy of the Board of Selectmen Regarding Construction on Class VI and Private Roads as amended on July 20, 2015.
2. The parties understand and agree that town assumes no responsibility for maintenance, including but not limited to snowplowing, of said Holly Lane Road, and no liability for any damages arising from the use of said road.
3. Owner agrees to be responsible for maintaining access to the subject property and does hereby forever release and discharge the town, its officers, agents and employees: (1) from the obligation of maintaining said Holly Lane Road; and (2) from any loss, damage, claim or expense of any kind or nature whatsoever arising directly or indirectly from the condition of said road, including but not limited to any loss damage, claim or expense arising from failure to provide any municipal services such as police, fire and ambulance services.
4. Owner hereby assumes responsibility for transporting any children who may now or in the future reside on the property to the nearest regular school bus stop.
5. The parties understand and agree that this Agreement and Release shall be recorded at the Strafford County Registry of Deeds before the building permit is issued, as required under RSA 674:41, I (c)(3).
6. The owner(s) agree to stipulate and pass this Agreement at any transfer of this property.

Witness Print Name (not needed if e-signed)	Owner Print Name
Witness Sign/Date (not needed if e-signed)	Owner Signature/Date
Witness Print Name (not needed if e-signed)	Owner Print Name
Witness Sign/Date (not needed if e-signed)	Owner Signature/Date

TOWN OF _____

Witness Print Name (not needed if e-signed)	By: _____ Selectperson, Chair or Vice Chair
Witness Sign/Date (not needed if e-signed)	Selectperson Signature/Date

Planned Road Upgrades to Holly Lane.

Town of Barrington, NH

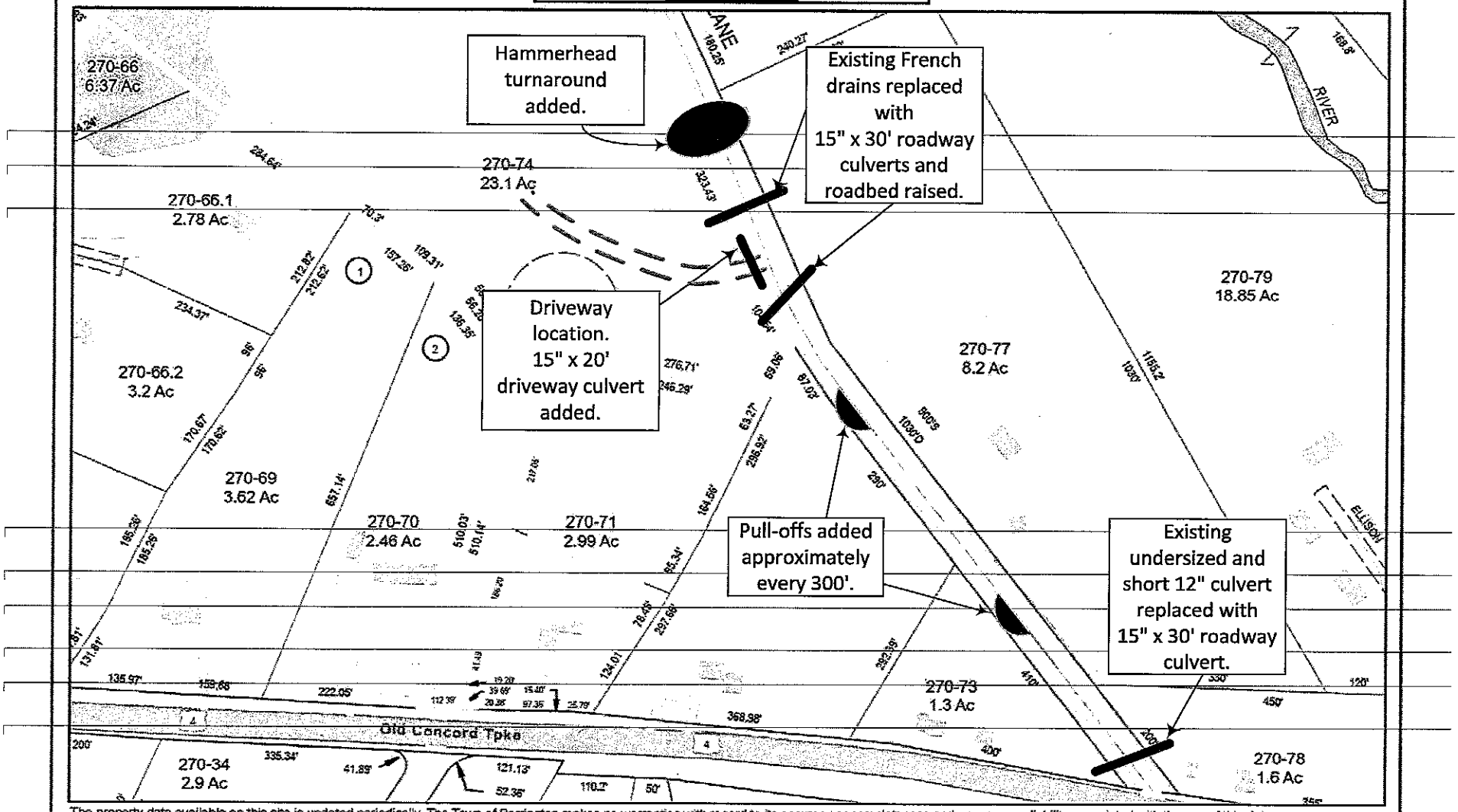
1 inch = 188 Feet

0 188 376 564

June 9, 2023

CAI Technologies

www.cai-tech.com



Book: 5118 Page: 882

Doc # 230007068 06/20/2023 11:34:49 AM
Book 5118 Page 882 Page 1 of 1
Catherine A. Berube
Register of Deeds, Strafford County

Roy Holly Lane Road Maintenance Agreement

We, Kevin M. Roy and Jean P. Roy, as Trustees of The Kevin M. Roy Revocable Trust, and Jean P. Roy and Kevin M. Roy, as Trustees of The Jean P. Roy Revocable Trust, as owners and occupants of a single family home on Map 270 - Lot 74, off of the road known as Holly Lane, will be (Barrington, NH) responsible for all maintenance, snow plowing, and related expenses of said road and that the town of Barrington shall not be held responsible or liable in any way for that road.

Signatures:

Kevin M. Roy Tr. — Kevin M. Roy Tr.

6/19/23 — Date

Jean P. Roy Tr. — Jean P. Roy Tr.

6/19/23 — Date

June 28, 2023

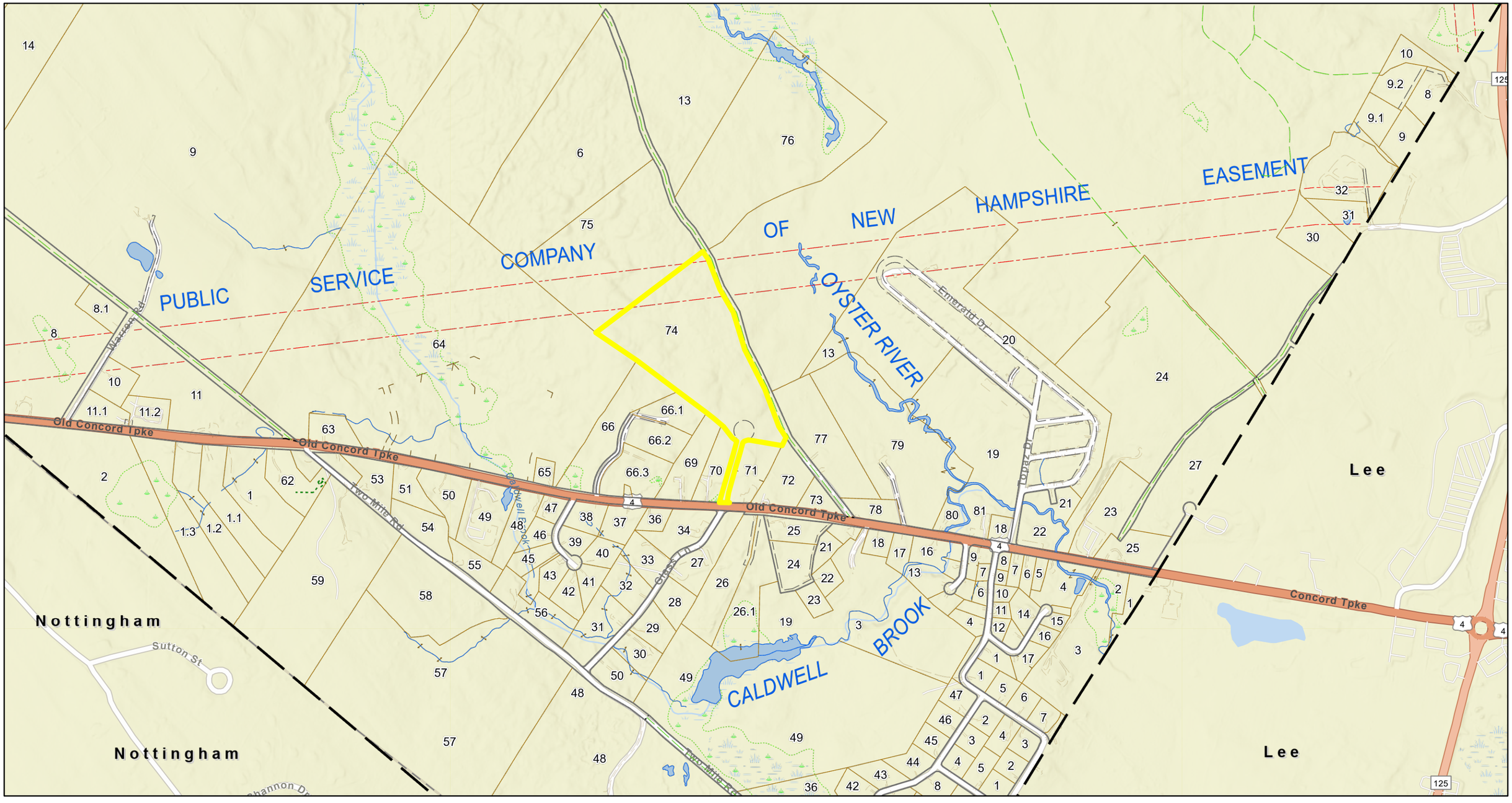
Town of Barrington, NH

1 inch = 752 Feet

0 752 1504 2256

CAI Technologies
Precision Mapping. Geospatial Solutions.

www.cai-tech.com



The property data available on this site is updated periodically. The Town of Barrington makes no warranties with regard to its accuracy or completeness and assumes no liability associated with the use of this data.

Major Building Permit Application

Town of Barrington, New Hampshire
Building Department
P.O. Box 660, Barrington, NH
Telephone: (603) 664-5183

Issue Date: _____
Permit #: _____
(This area for office use only)

Map # 270
Lot # 74
Block # _____
Zoning RC/GR

Location of Construction (Address): Holly Lane, Barrington, NH 03825
Property Owner: Kevin M. Roy Tr. + Jean P. Roy Tr. Home Phone: N.A.
Mailing Address: 15 Topping Rd. Cell Phone: 617-967-8660
City: Andover State: MA Zip Code: 01810 Daytime Phone: 11
Email Address: KevinmRoy@Verizon.net

Contractor: O.R. Gooch & Son, Inc. Phone: 603-679-8673
Mailing Address: 539 Calef Highway, Rt. 125 Cell #: 603-817-6367
City: Epping State: NH Zip Code: 03042
Email Address: info@goochreallogHomes.com

Cost of Construction: $920,000 Building Inspectors Estimated Cost of Construction: _____
Permit Fee: $7,820 **Permit fee is based on $8.50 per $1,000.00 of Construction Cost ($50.00 Minimum)**
AND $25 flat application fee, $50 electric permit fee, $50 plumbing permit fee, $50 mechanical permit fee.

Proposed Construction is for: *(check only one)*

- [x] New Single-Family Dwelling
- [ ] New Two-Family Home
- [ ] New Multi-Family Dwelling
- [ ] Replacement / New Mobile Home
- [ ] New Commercial Structure
- [ ] Commercial Addition
- [ ] Commercial Alteration
- [ ] Other: _____

Description of work to be performed: _____

Proposed Use: _____

Property & Setback Information

Setbacks from Lot Line to Construction:
Front: 275' Right: 220'
Rear: 1,075' Left: 129'

Lot Size: 23.1 Acres

Subsurface Disposal Information: Advanced Enviro-Septic

Septic System Design Approval Number: ecA20220429ll

If Using Existing System, Is Design More Than 20 Yrs. Old: Yes N/A, No

Total Square Footage of Proposed Building: _____

Site Located In "Special Flood Hazard Area": Yes (No)

Site Located In Shoreland Protection Zone: Yes (No)

Subdivision Approval # _____

Subdivision Name: _____

Site Plan Approval: Yes No

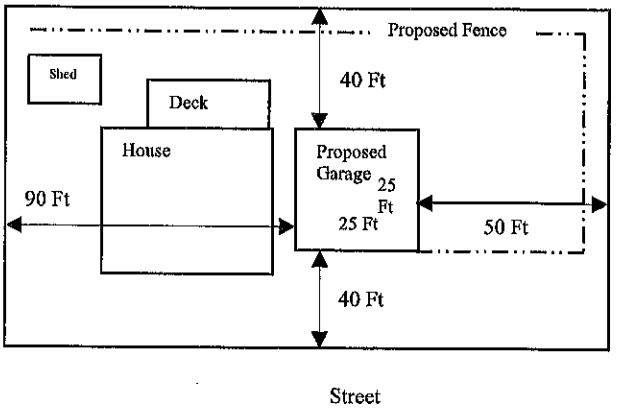
Applicant Signature: _____ **Date:** _____

Plot Plan

Instructions:

1) Show the Property lines and road(s).
2) Show the proposed Structure and all existing structures.
3) Show the Measurements from the proposed structure to all lot lines, measure straight through existing structures if needed.
4) Include the dimensions of the proposed structure.
5) Show Location of Septic Tank & Leach Field.
6) Show Location of all Wetlands, Rivers, Streams, Lakes and Ponds

Sample Plan:



See Attached

Applicant Signature: _____ **Date:** 6/12/23

ATTACHMENTS AND SUBMITTALS REQUIRED AT THE TIME OF APPLICATION			
For Residential 1 and 2 Family		For Commercial or Multi-unit Residential	
Site Plan	☑	Site Plan Approval – Site Plans Must be Certified Prior to Issuance of Building Permits.	☐
Driveway Permit [Contact: Highway Dept. (603) 664-5379]	☐	Driveway Permit [Contact: Highway Dept. (603) 664-2241]	☐
N.H. Approved Septic Design	☑	N.H. Approved Septic Design	☐
Approved Shoreland Protection Permit From NH-DES [If Applicable] N. A.	☐	Approved Shoreland Protection Permit From NH-DES [If Applicable]	☐
Two (2) full sets of building plans	☑	Three (3) full sets of plans [Stamped When Required by RSA 310 -A]	☐
P.U. C. Prescriptive Compliance Application or Res Check Compliance Application.	☑	Letter of Energy Compliance From Design Prof. [May Use Residential Compliance Options to a Maximum building size of 4000 Square Feet]	☐
All Precedent Conditions of the Notice of Decision that was Approved by the Planning Board are met.	☐	Statement of Special Inspection [IBC Section 1705] [If Applicable]	☐

Please be advised, the order of inspections, for the **Building Inspector Only,** are as follows:

1. Reinforcing Steel Prior to Placement of Concrete.
2. Foundation / Pier Depth & Drainage
3. Rough Framing
4. Insulation & Penetration firestop
5. Drywall Installation (Fire Rated Assemblies Only)
6. Final Inspection

Note: Not all inspections may apply to every situation and additional inspections may be required in special situations. ***Required inspections for electrical, plumbing and mechanical installations are provided on the applicable permit application(s).***

It is the responsibility of the property owner and all contractors to obtain and post the necessary permits in a conspicuous location prior to commencement of any construction related activity.

Electrical, mechanical and plumbing work requires submission of a separate permit applications.

Permits are non-transferable. If this is an "After the Fact" permit, it may be subject to a fee two times the normal permit fee.

It is the responsibility of the contractor / property owner to obtain all required inspections. This signed application constitutes consent of the owner / applicant to provide access for inspections related to this permit at the subject property. Any work that is concealed prior to the inspection may be required to be removed for inspection.

Applicant Signature: _____ **Date:** 6/12/23

PLEASE BE ADVISED: Any deviation from the specifications submitted will require an amendment to this permit or additional permits. Permits expire one (1) year from the issue date. The Building Inspector/Code Officer may grant an extension of time if a written request is submitted prior to the expiration date. Permits become invalid if work is not started within 180 days or if work is abandoned/suspended for a period of 180 days.

The STATE OF NEW HAMPSHIRE requires that ENERGY CODE COMPLIANCE CERTIFICATION be obtained for any heated building, structure or addition thereto. Certification may be required prior to altering, renovating or winterizing an existing structure. More information can be found at the web site: www.puc.state.nh.us and follow the link for Energy Codes.

*** I hereby certify that the building site is/is not (choose one) located in a "Special Flood Hazard Area" as designated by the Federal Emergency Management Agency and its flood insurance rate maps.

Applicant signature: _____

*** I hereby certify that all necessary permits have been received from those governmental agencies from which approval is required by Federal or State law, including Section 404 of the Federal Water Pollution Control Act Amendments of 1972, 33 U.S. C. 1334, Barrington Flood Plain Development Ordinance.

Applicant signature: _____

*** All work must be performed in accordance with International Building Code/2009, International Residential Code for One & Two Family Dwelling/2009, 2011 NEC National Electrical Code, 2009 International Plumbing Code, NFPA 101 Life Safety Code/2009, NH Energy Code, International Mechanical Code/ 2009 and State of NH Subdivision & Individual Sewage Disposal System Design Rules.

*** I certify that the information that I have given is accurate to the best of my knowledge. No change from the above information will be made without the approval of the Code Enforcement Officer. I understand that this is NOT A PERMIT and that work CANNOT COMMENCE until a PERMIT is issued. It is my responsibility to contact the Code Enforcement Officer for the appropriate inspections.

*** I hereby certify that the boundary lines shown on the accompanying plot plan are the property lines of my property and that the acreage and setbacks are correctly shown.

*** I further acknowledge that the proposed structure or improvements shall not be occupied or utilized without a Certificate of Occupancy and only after all necessary inspections have been requested and completed.

Owner Signature: _____ **Date:** 6/12/23

Contractor Signature _____ **Date:** _____

*** DO NOT WRITE IN THIS SPACE ***

Paid By: _____ ☐ CASH ☐ CHECK # _____

Received By: _____ Date: _____

PERMIT # _____

THIS PERMIT IS ☐ ISSUED with the following conditions: ☐ DENIED for the following reason(s):

_____

_____

Approved By: _____ Date: _____

MINIMUM APPLICATION REQUIREMENTS

BUILDING CODE INFORMATION

Every building is different in terms of layout and framing details. Therefore, it is imperative that a set of construction plans or sketches be submitted with each application. The plans/sketches must show a dimensioned layout of all new rooms and spaces, in enough detail to determine building code compliance for the proposed construction. In the case of additions, it will be necessary to show the existing (room) layout. The following is a list of specific items to be included with the plans/sketches and specifications:

☐ Foundation plan/cross section showing anchor bolt/strap locations (IRC Section 403.1.6) and location of required reinforcing steel (IRC Section 4040.1.2.2).

☐ Dimensioned floor plan of each story (Show attic access location)

☐ Framing plan of each story including direction, sizes & spacing of joints and beams, location of support columns and sheathing material.

☐ Roof framing plan including: direction, sizes & spacing of rafters, sheathing material and roofing materials.

☐ Sizing documentation must be provided for all engineered beams/girders, joists, etc.

☐ If cathedral ceiling or if rafters are not connect to the floor/ceiling joist or connected with a rafter tie located in the lower third of the rafter, provide ridge support details (IRC Section 802.3.1).

☐ Framing cross section.

☐ Wall section(s) or window & door schedule indicating header sizes and required number of jack studs (IRC Tables 502.5(1) & 502.5(2)).

☐ Wall bracing methods, locations and length of braced wall panels, include foundation details as applicable (IRC Section 602.10 thru 602.12.1.6).

☐ Label all emergency escape openings ("egress windows") in sleeping areas, basements (bulkheads are suitable) and habitable attics (even when unfinished) (IRC Section R310.1) (5.7 S.F. minimum based on NFPA 101).

☐ Stair details showing tread depth, riser height, handrail and guard rail details … (may sign a "stair handout" to indicate compliance).

☐ Location of hard wired smoke and CO detectors (IRC Sections 314 & 315)

☐ Door and window schedule.

☐ Completed NH Energy Compliance Application.

Note: IRC references are applicable to one and two family dwellings and townhouses..

☐ Need an approved driveway permit.

☐ Need an approved construction entrance.

☐ Pave in 16'. (Inspection by Highway Department prior to C/O)

☐ Impact fee assessment - $4,281 (paid prior to C/O).

☐ Provide approved NH-DES septic design.

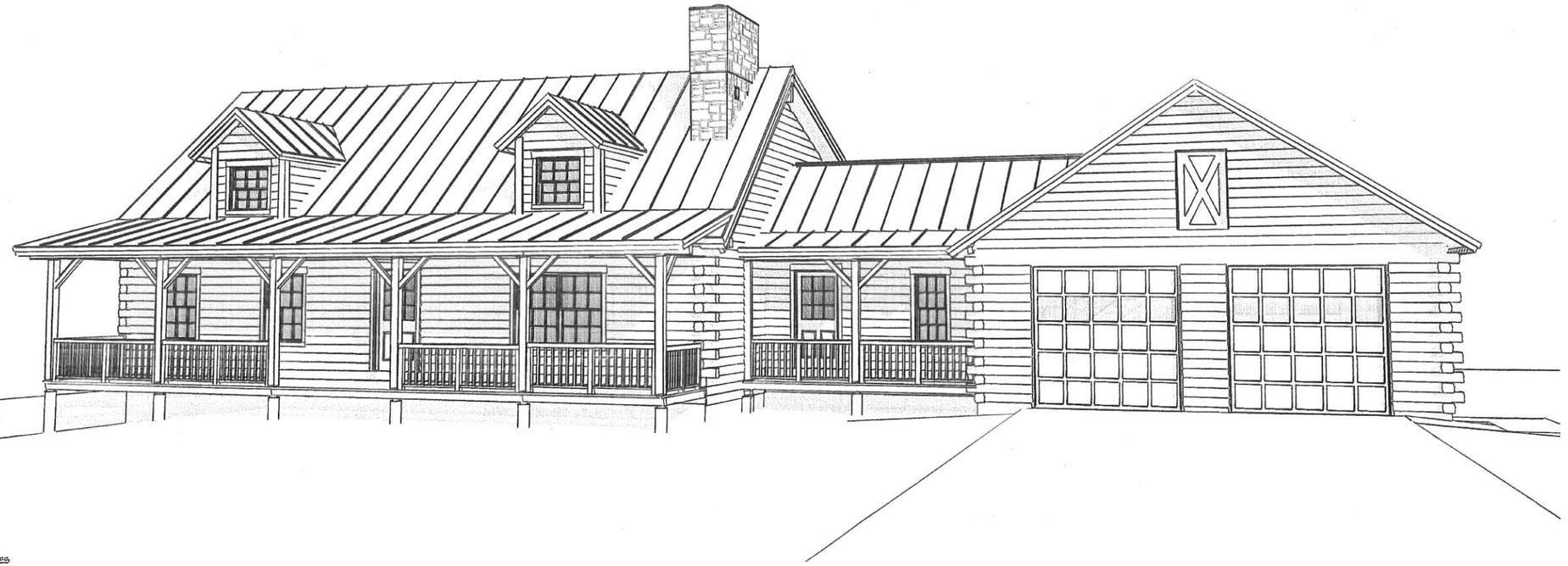
☐ Provide NH-DES shoreland permit (when applicable).

☐ Plot plan complies with front, side and rear setback, shoreland setback and wetland butter requirements.

☐ Permit application is complete.

A REAL LOG HOME® DESIGNED FOR:

KEVIN ROY



DRAWING INDEX:

SHEET	PAGE
G-001	COVER
G-002	GENERAL NOTES
A-101	BASEMENT PLAN
A-102	FIRST FLOOR PLAN
A-103	SECOND FLOOR PLAN
A-201	ELEVATIONS
A-202	ELEVATIONS
A-601	SCHEDULES
A-901	COLOR ILLUSTRATIONS
A-902	PACKAGE COMPONENTS
A-301	BUILDING SECTIONS
A-302	BUILDING SECTIONS
A-501	BUILDING SYSTEM DETAILS
S-001	STRUCTURAL NOTES
S-101	FOUNDATION PLAN
S-102	FIRST FLOOR FRAMING PLAN
S-103	GIRDER AND JOIST PLAN
S-104	RAFTER PLAN
S-501	BUILDING SYSTEM DETAILS
S-502	BUILDING SYSTEM DETAILS
S-503	BUILDING SYSTEM DETAILS
S-504	BUILDING SYSTEM DETAILS
S-505	BUILDING SYSTEM DETAILS
S-506	BUILDING SYSTEM DETAILS
S-601	SCHEDULES

FINALS-ISSUED FOR CONSTRUCTION

REAL LOG HOMES®
So nice to come home to™
61 PLAINS ROAD CLAREMONT, NH 03743
1-800-REAL LOG WWW.REALLOGHOMES.COM

MEMBER ICC INTERNATIONAL CODE COUNCIL®
LOG HOMES COUNCIL Leaders in Excellence

CONSULTANTS:

STAMPS:

L-12992
KEVIN
ROY
BARRINGTON, NH

SQUARE FOOTAGE:

FIRST FLOOR:	1510 S.F.
SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
H	6/15/23	FINALS-ISSUED FOR CONST.	JMR	
G	6/1/23	FINALS-ISSUED FOR CONST.	RKO	RKO
F	5/1/23	FULL SET	KEH	JC
E	4/17/23	FULL SET	KEH	JC
D	3/30/23	FULL SET	JMR	
C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

COVER

G-001
SHEET: 1 OF 25

NOTICE TO OWNER:

1. When the blueprints and specifications ("drawing set") shows the preliminary design of the REAL LOG HOMES™) Log Package ("Package"), the drawing set will be labeled: "REVIEW SET". This label denotes the "Preliminary" drawing set which is intended for planning and layout evaluation only. The drawing set designated "FINAL ISSUES FOR CONSTRUCTION" is the only drawing reference accepted for use during construction. (Local engineer drawings may be cross-referenced as noted in the FINAL drawing set.)

2. The specific materials ("Materials") supplied by Manufacturer for this Package are identified in the "Pricing Estimate". Final listing of the supplied materials and specifications will be shown on the "Bill of Materials", which is produced to reflect the "Final Drawing Set". At that time, the Bill Of Materials will conform with the final drawing set and will represent full performance of the Log Package Order Form-Contract. (Note: Components or assemblies not provided in the Package are shown in the drawing set as an accommodation, for layout purposes only. The design, engineering, specification, and assembly of those components or assemblies is the responsibility of the Owner/General Contractor/Builder.

3. The Manufacturer assumes no responsibility for site-specific requirements, construction, or maintenance. Site-specific requirements for which the Owner/General Contractor/Builder are responsible include, but are not limited to: local permits, local engineering (unless noted otherwise), approvals, regulatory requirements, life safety and fire code compliance.

4. The representations of non-supplied materials we show in the drawing set are done so to demonstrate the configurations of those structures that are compatible with, or in some cases necessary to, the proper assembly of the supplied log structure. All structures and systems ancillary to the supplied package material are to be specified locally (unless noted otherwise), per applicable sections of the International Residential Code, 2018, (IRC), unless superseded by applicable local code(s) and/or site specific engineering. Examples include: flashing and counterflashing, waterproof underlayments, infiltration barriers, chimneys, wood stoves, interior partitions, HVAC, electrical, plumbing, grading, foundations, retaining walls, insulation, ventilation, vapor barriers, stairs, railings, trim, fascias, soffits, sunrooms, breezeways, garages, porches, connecting buildings, stud framing, roofing, roof over framing, crickets, snow and water diverters, dimensional lumber connections, etc. When such structures are represented, this is done to assist the local experts by showing the designed location(s) of those materials and structures. Additionally, site-specific and other local requirements may result in visible changes to the representations we have shown in the drawing set, and to the log package.

PLANS & SPECIFICATIONS:

5. We believe that this drawing set is accurate and complete and that it meets the requirements of the Log Package Order Form - Contract and Owner-approved Plans. However, NO WARRANTIES, EITHER EXPRESS OR IMPLIED, ARE MADE AND ALL DESIGN WARRANTIES ARE DISCLAIMED. The sole purpose of this drawing set is to define the Package as per the Log Package Order Form - Contract.

6. ALL construction to be performed per applicable sections of the International Residential Code, 2018, (IRC), unless superseded by applicable local code(s) and/or site specific engineering. Installation methods and connections of all materials, when not shown on the drawing set or building system details, to be determined locally per above referenced code and local engineering/site requirements. Materials and work noted as "Specified Locally", or "Supplied Locally" or "By Others" shall be coordinated, supplied and detailed by the Owner/General Contractor/Builder.

7. Square footages shown are calculated as overall floor area, when measured from the centerline of the log walls. Interior room sizes/areas shown are approximate, and are measured from the face of interior walls. Irregularly shaped rooms are rounded to the nearest rectangle. Final dimensions of interior layout shall be determined by the General Contractor/Builder per the as-built structure. Drawing layouts are for general planning and to demonstrate building code compliance. Renderings are for illustrative purposes only. Colors may vary from actual materials provided.

8. Our standard design practices are based on formal engineering performed on the REAL LOG HOMES™ Building System. This engineering is documented in HUD Structural Engineering Bulletin SEB 1071, maintained by the Technical Suitability of Products Branch. This SEB is acceptable for compliance with the International One & Two Family Dwelling Code under section R104.11 -- Alternate Materials, Design and Methods construction and equipment.

9. FOR LOCAL SITE CONDITIONS (snow accumulation, high wind speed and/or open exposure, seismic activity) exceeding the standard design criteria, THE OWNER IS RESPONSIBLE FOR REVIEW AND ANALYSIS BY A LICENSED ENGINEER. Additionally, certain states, counties, or local jurisdictions may require review of your project by a locally licensed engineer. Unless specifically added, this service is not part of the REAL LOG HOMES™ Log Package Order Form - Contract

10. Wall-logs (except Western Red Cedar) are treated via the "dip diffusion" method with clear TIM-BOR®; an EPA registered borate wood preservative that is effective against wood-digesting insects and wood-rotting fungi. Wall-logs are also treated with an anti-sapstain fungicide for protection against fungi growth. Proper protection of the wood surface is required to maintain the effectiveness of factory applied agents.

11. LogHog® fasteners are the typical means of fastening for log wall course to course connections and other log package connections (Unless noted otherwise).
Specification:
- 0.228"diameter shank
- 0.30" thread diameter
- 5/16" hex head
- Coating: Special coating for lubricity and high corrosion resistance

See ICC Evaluation Services, ES Report ESR 1078 for additional fastener specifications

Standard maximum log wall fastener spacing (unless noted otherwise): Two per end; one on each side of the baffle or centerline, 3" to 6" from log ends, 18" o/c, eave walls, 12" o/c end walls

12. Logs are visually graded for strength and quality per the rules established by the Log Homes Council Grading Program. The ASTM Standard D-3957, Establishing Stress-Values for Timber Used in Log Buildings, is the basis for the Log Homes Council Grading Program.

Logs used in walls are "wall grade" or better, with a minimum of one "header grade" course above each window, door or other opening in the log wall (unless noted otherwise).
Species abbreviations as follows:

DF	Douglas Fir
DFL	Douglas Fir Larch
DFL SS	Douglas Fir Larch Select Structural
ENP	Eastern White Pine
HF	Hem Fir
LP	Lodgepole Pine
SPF	Spruce Pine Fir
SYP	Southern Yellow Pine
WRC	Western Red Cedar
WW	Western White Woods

13. See schedules page(s) for certain supplied materials dimensional and quantitative information. Schedule notions assume the following:
- All posts are cut to length at site.
- Scribing (cutting at site) into the log course above a window or door may be required per schedule callout. Maximum scribe is one half of log course. See the Real Log Homes® Construction manual for additional scribing information.
- Windows called out as "egress" meet or exceed the IRC minimum dimensional requirement of 20" wide/ 24" high/ 5.7 square feet. Placement per IRC requirements.
- All sizes and dimensions given are to be considered "nominal" unless specifically noted otherwise.
- Stock length refers to material supplied as uncut lengths. This material is intended to be cut as required at site to fit to length and end conditions per plan.
- Diameter specifications shown for log joists/rafters, refer to the middle 1/3 of the member. Unless noted otherwise, log joists/rafters will be supplied with up to 9/10ths of the referenced radius, cut flat on top of member.

14. Insulation to meet or exceed local site requirements and applicable codes. Standard rigid roof insulation to be polyisocyanurate or equal, depth required specified locally per applicable code(s) and site conditions. Continuous 6 mil polyethylene vapor barrier (as shown on the Building System Details) required (unless noted otherwise or superseded by local engineering practice and/or applicable building codes.)

15. Roof ventilation required for all non-log/timber roof systems. Ventilation path, soffit/ridge vents, vent sizes, vent materials and design, ventilation of valley, jack framing and cathedral areas, insulation baffles, etc, to be specified locally, per applicable code(s) requirements. Roofing material manufacturers, or applicable local code, may require ventilation of standard "built-up" roof system. Notify the Real Log Homes™ Technical Services department to obtain ventilation configuration details for the standard "built-up" roof system.

16. Finished roof materials specified locally. Materials and installation methods to be appropriate for the design and site specific conditions.

17. Masonry chimneys, furnace vents, wood stoves or similar flues, fireplaces, hearths, etc. to be specified locally and installed per applicable code. Masonry fireplaces and chimneys to maintain 6 5/8" minimum distance from flue to combustible materials. Framecuts are typically sized and cut at site, (unless noted otherwise). Always allow the log walls and connected structures to settle around the chimney(s), flashing and counterflashing required at all roof penetrations. Masonry fireplace foundations and footings located, sized and specified locally.

18. Clearances to combustible materials and specification of all non-masonry flues, chimneys, fireplace inserts, wood and pellet stoves or similar heating devices, "zero clearance" combustion units, gas fireplaces and appliances, etc. to be per applicable codes and manufacturer's specifications. Combustion air supply and exhaust gas ventilation/location to be installed per applicable code and manufacturer's specifications.

19. Masonry fireplace openings in log walls cut at site (unless noted otherwise). Opening width per plan. Opening maximum height per project specific BSD details, or as noted on drawing set.

20. All stairways and supplied Log/Timber stairs are to comply w/ the applicable provisions of the International Residential Code, (IRC 2018). Proper installation to allow for log wall settling. Handrails, guardrails, open tread blocking, etc. to be specified and supplied locally. Note: Certain exterior stairs, landings, decks, ramps or other grade access structures may not be represented on the drawing set. Specify at site per actual finish grade.

21. MILLWORK in stud framed walls to be located at site, (unless noted otherwise). Headers, lintels, header/lintel supports and stud framed wall framecuts to be specified locally per applicable code and engineering requirements. The vertical location of windows in stud walls to allow for sufficient headers to carry structural loads from above. Engineered lumber or other specialized materials may be required. ALL millwork trim specified and supplied locally (unless noted otherwise). Framecuts for skylights and other roof projections to be specified at site by the General Contractor/Builder. "On-center" spacings shown on the drawing set may require adjustment.

22. Andersen® multiple units: Certain multiple units may require on-site assembly (mulling). See the manufacturer's recommendations and instructions.

23. ALL ASSEMBLIES TO ALLOW FOR LOG WALL SETTLING. Refer to the Real Log Homes™ Construction Manual for additional information and assembly specifications.

ADDITIONS TO EXISTING BUILDINGS (as applicable):

24. All connections between existing and addition structures to ALLOW FOR LOG WALL SETTLING. The weathertightness and structural stability of the connection to be the responsibility of the General Contractor/Builder and Owner. Ancillary structures such as; overframing, false dormers, flashing/counterflashing and other required structures/materials specified and supplied locally (unless noted otherwise).

25. The suitability, structural stability, and performance of the existing building, as well as any necessary modifications to the existing building to be specified and supplied locally by the General Contractor/Builder. Re-engineering and retrofitting of the existing structure to be specified and supplied locally per applicable building codes and site requirements.
(Note: further retrofitting of the existing building may be required. Revisions to room layouts/usages, existing sources of light, ventilation, and means of egress may be required. These revisions specified and supplied locally per applicable code.)

26. Maintenance of the connection between the existing and addition structures may require periodic adjustments and repair. Adjustments to flashing/counterflashing, resetting trim, and adjustment of fasteners are typically required and the responsibility of the General Contractor/Builder and Owner.

27. Modifications to existing foundation, footing, drains, waterproofing and grades to be specified locally per applicable codes and accepted engineering practice. Access between existing and addition basement/foundation to be specified at site, (unless noted otherwise).

28. Relocation of existing millwork, and installation of fill framing to be specified locally.

29. See the project specific BSD's (Building System Details) for recommended existing to addition attachment configuration.

PANELIZED WALL & GARAGE PACKAGES (as applicable):

30. ALL construction to be performed per applicable sections of the International Residential Code, 2018, (IRC), unless superseded by applicable local code(s) and/or site specific engineering.

31. Material supplied as shown in the Panelized Package Material Pricing ONLY. All other required materials supplied and specified locally.

32. Panelized wall to foundation connections specified and supplied locally per applicable code. Sill seal required. Wall base flashing and proper grade/slope specified locally per applicable code. Do not place non-pressure treated material in contact with concrete.

33. All siding applied at site per applicable code and manufacturer's specifications. Log siding applied per the Real Log Homes™ Building System Details (BSD's). Infiltration barrier (Type or equal) behind siding required, (supplied locally, unless noted otherwise).

34. Panel to panel attachment w/ 16d staggered @ 8" o/c. overlap splice w/ site applied top plate, 36" minimum. Site applied top plate on panelized wall fastened w/ 12d staggered @ 8" o/c (unless noted otherwise). Additional 2x blocking specified locally as required.

35. Overhang framing, blocking for overhead garage door installation, soffix weather blocking, additional wind blocking, etc. supplied locally (unless noted otherwise). Gable ends framed at site per applicable code (unless noted otherwise).

36. Truss/ rafter member to wall connections, (including steel connectors), and all other connections to be specified and supplied locally per applicable code.

All materials supplied with the REAL LOG HOMES™ package are listed in the Bill of Materials supplied with the final plans. If an item is not on the Bill of Materials, then it is not supplied with the log package. Typical materials not supplied by REAL LOG HOMES™, but not limited to, are 2x stud material, flashing, plywood sheathing, post stock for temporary supports, threaded rod, wedges, starter strip, snowblock material, insulation, poly and screening, nails. All foundation materials, first floor framing, deck framing, stud framed wall material, and roofing material and dormer material to be supplied locally U.N.O. in plans. Interior walls, doors, and finishes to be specified and supplied locally. Use plans marked FINAL-ISSUED FOR CONSTRUCTION as a guide for installation, RLH not to be held responsible for any changes made to plans @ site. See Construction manual for general instructions for the proper assembly of your REAL LOG HOMES™ log package.

ABBREVIATION LEGEND:

BSD	BUILDING SYSTEM DETAIL
C/L	CENTERLINE
DIM	DIMENSION
F	FACE OF FRAMING
F.S.	FRAMESTOCK DIMENSION
LF	LINEAL FEET
MAX	MAXIMUM
MIN	MINIMUM
MIL	MILLIMETER
MFG	MANUFACTURER
M.R.O.	MANUFACTURER'S ROUGH OPENING
N.A.	NOT APPLICABLE
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
R.O.	ROUGH OPENING
S	END OF STIFFENER
S.F.	SQUARE FEET
SIM.	SIMILAR
SPEC.	SPECIFICATION
T	END OF LOG TONGUE
TYP.	TYPICAL
U.D.	UNIT DIMENSION
U.N.O.	UNLESS NOTED OTHERWISE
W/	WITH
V.I.F.	VERIFY IN FIELD
Φ	DIAMETER

LINETYPE SYMBOLS:

- – – – – CENTERLINE
- ---—·—·-- HIDDEN STRUCTURE ABOVE
- ---------- LOG SIDING (AS NOTED)
- — - - - — AREA OPEN (TO ABOVE OR BELOW PER PLAN)

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CONSULTANTS:

STAMPS:

L-12992
KEVIN
ROY
BARRINGTON, NH
SQUARE FOOTAGE:

FIRST FLOOR:	1510 S.F.
SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
H	6/15/23	FINALS-ISSUED FOR CONST.	JMR	
G	6/1/23	FINALS-ISSUED FOR CONST.	RKO	RKO
F	5/1/23	FULL SET	WEH	JC
E	4/17/23	FULL SET	WEH	JC
D	3/30/23	FULL SET	JMR	
C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR 8
CORNER STYLE: MORTISE & TENON
CUSTOM:

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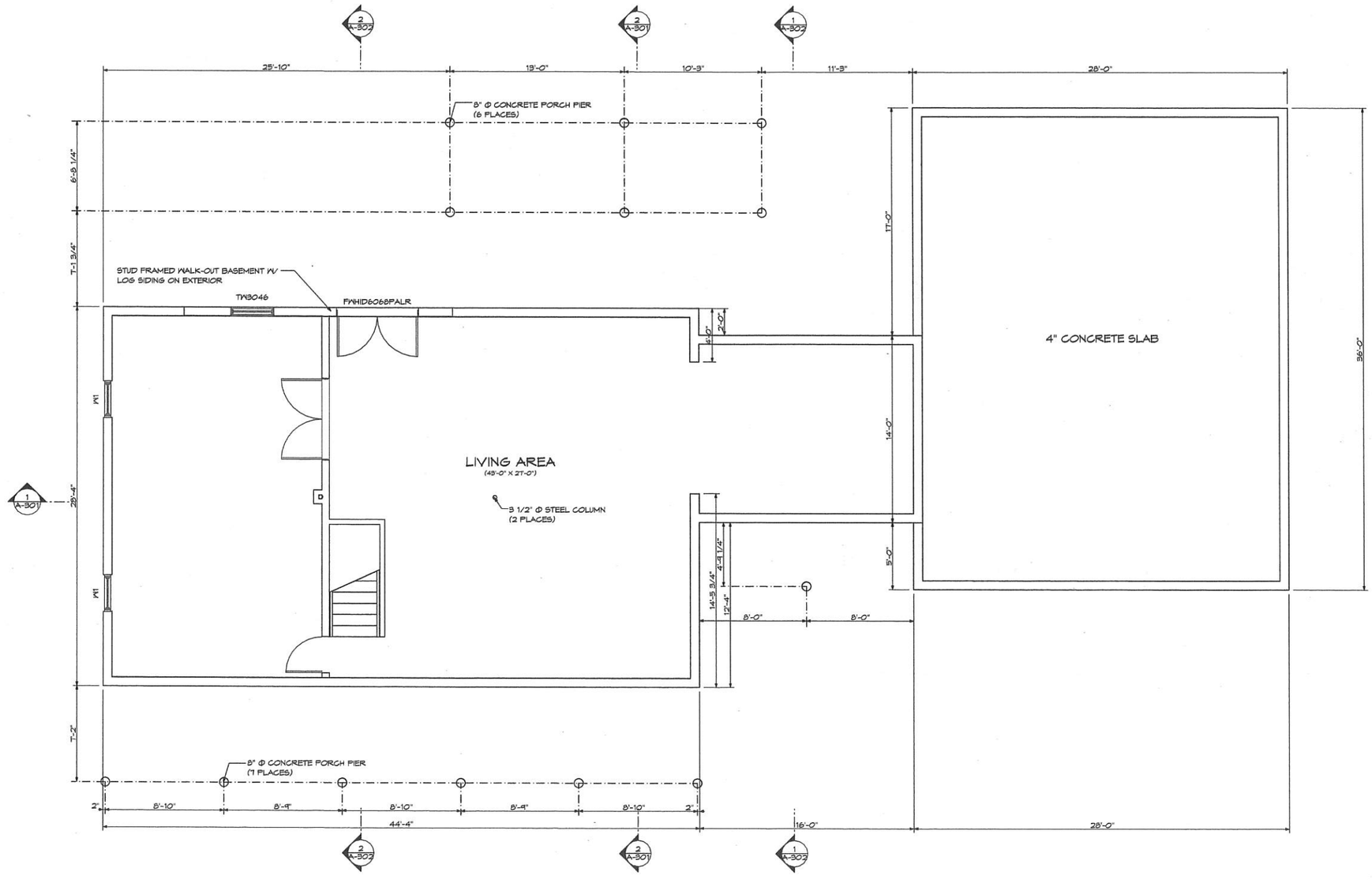
- THIS BLUEPRINT SHOULD NOT BE USED AS AN INSTALLATION GUIDE FOR MATERIALS TO BE SUPPLIED BY OTHERS.
- THESE BLUEPRINTS MAY ONLY BE USED IN CONNECTION WITH THE EVALUATION AND PURCHASE OF ONE REAL LOG HOMES® PRE-CUT LOG PACKAGE. NO OTHER USE OF THE PLANS IS ALLOWED.

SHEET TITLE:
GENERAL NOTES

G-002
SHEET: 2 OF 25



1 BASEMENT PLAN

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

0 2' 4' 8'

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BARRINGTON, NH

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BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
H	6/15/23	FINALS-ISSUED FOR CONST.	JMR	
G	6/1/23	FINALS-ISSUED FOR CONST.	RKO	RKO
F	5/1/23	FULL SET	KEH	JC
E	4/17/23	FULL SET	KEH	JC
D	3/30/23	FULL SET	JMR	
C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

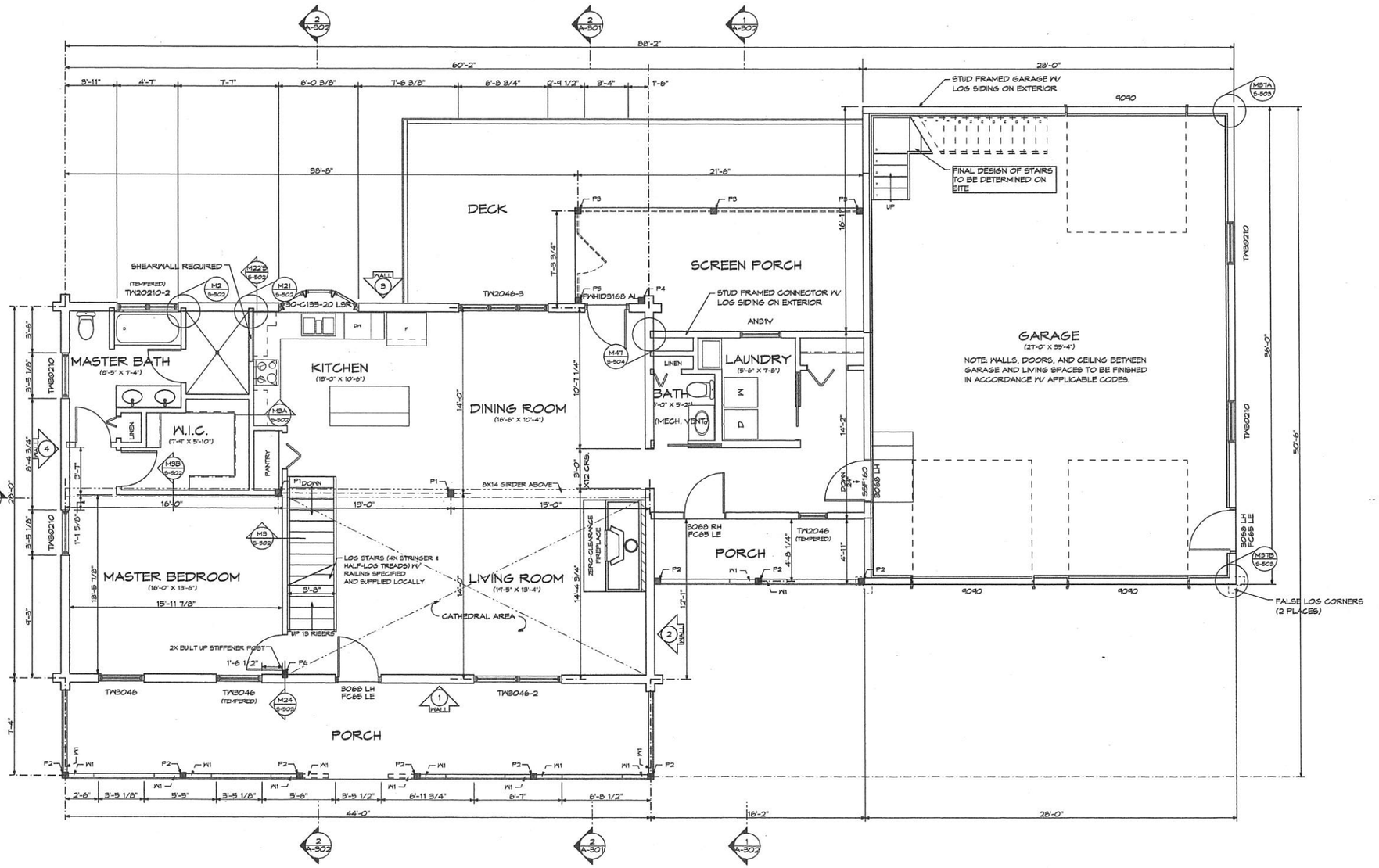
PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

BASEMENT PLAN

A-101

SHEET: 3 OF 25



1 FIRST FLOOR PLAN

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

0 2' 4' 8'

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BARRINGTON, NH

SQUARE FOOTAGE:

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SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
H	6/15/23	FINALS-ISSUED FOR CONST.	JMR	
G	6/1/23	FINALS-ISSUED FOR CONST.	RKG	RKG
F	5/1/23	FULL SET	WEH	JC
E	4/17/23	FULL SET	WEH	JC
D	3/30/23	FULL SET	JMR	
C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

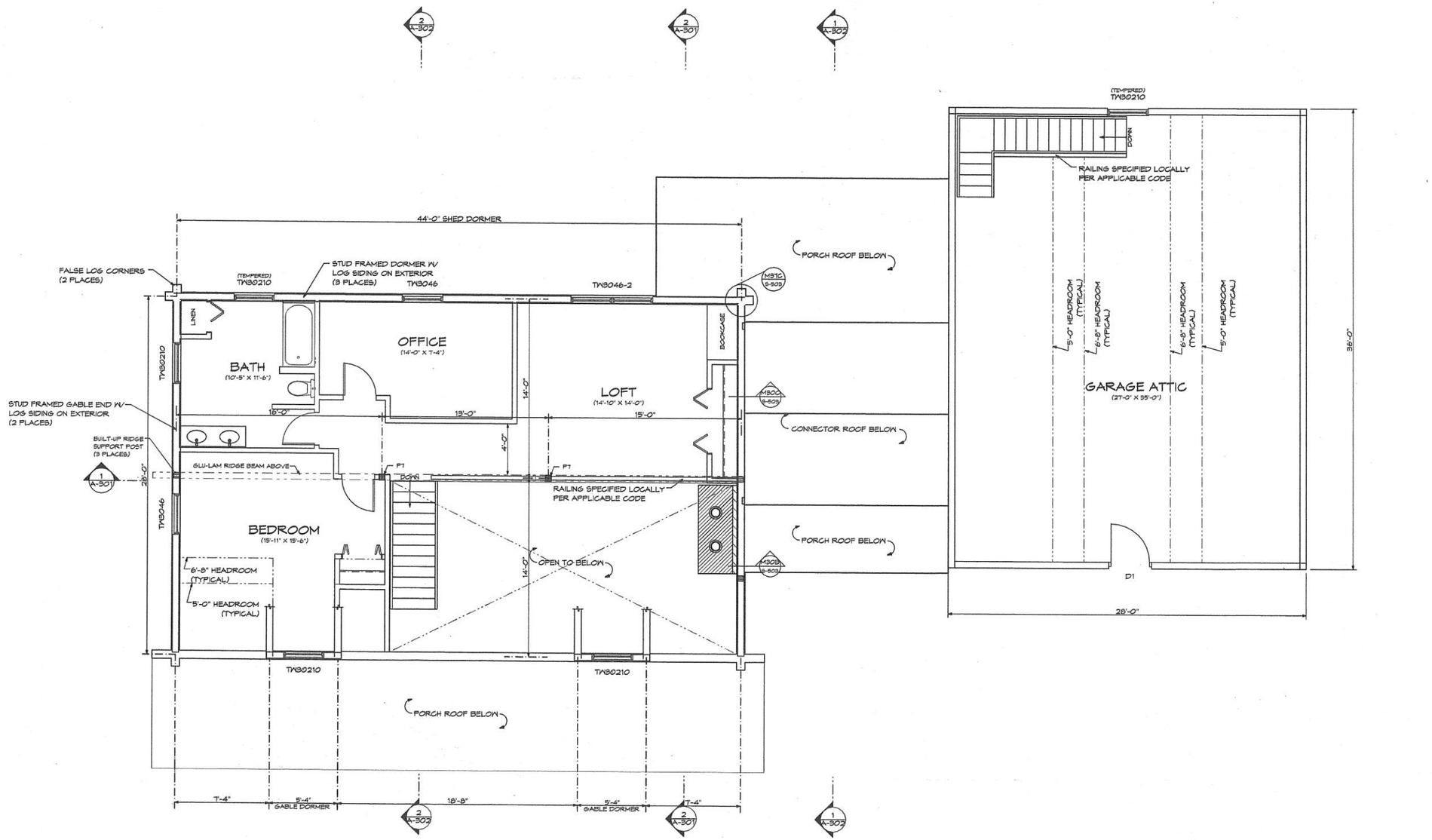
PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

FIRST FLOOR PLAN

A-102

SHEET: 4 OF 25



1 SECOND FLOOR PLAN

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

0 2' 4' 8'

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STAMPS:

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BARRINGTON, NH

SQUARE FOOTAGE:

FIRST FLOOR:	1510 S.F.
SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
H	6/15/23	FINALS-ISSUED FOR CONST.	JMR	
G	6/1/23	FINALS-ISSUED FOR CONST.	RKO	RKO
F	5/1/23	FULL SET	KEH	JC
E	4/11/23	FULL SET	KEH	JC
D	3/30/23	FULL SET	JMR	
C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

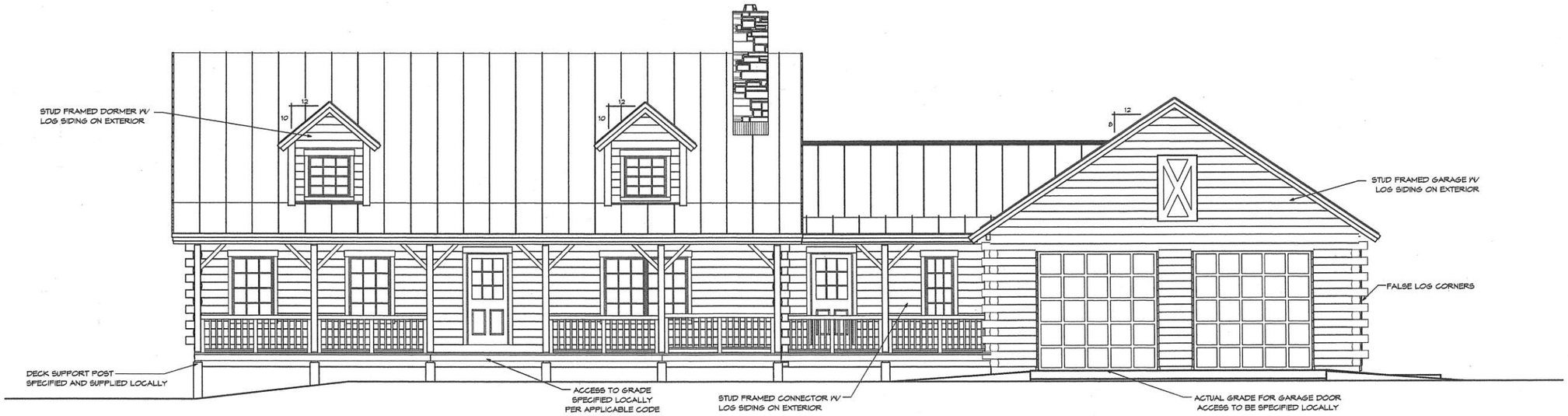
PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

SECOND FLOOR PLAN

A-103

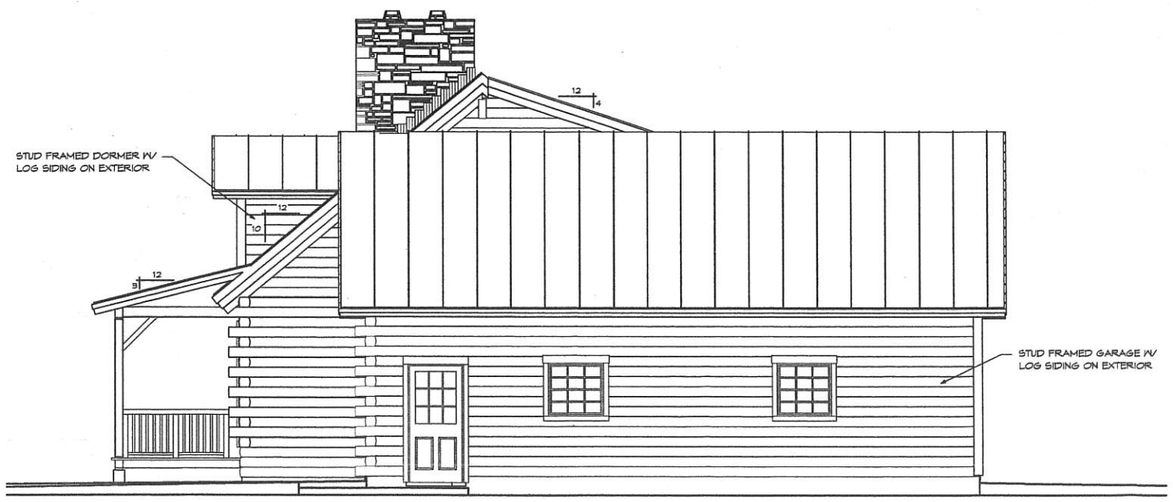
SHEET: 5 OF 25



1 FRONT ELEVATION

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

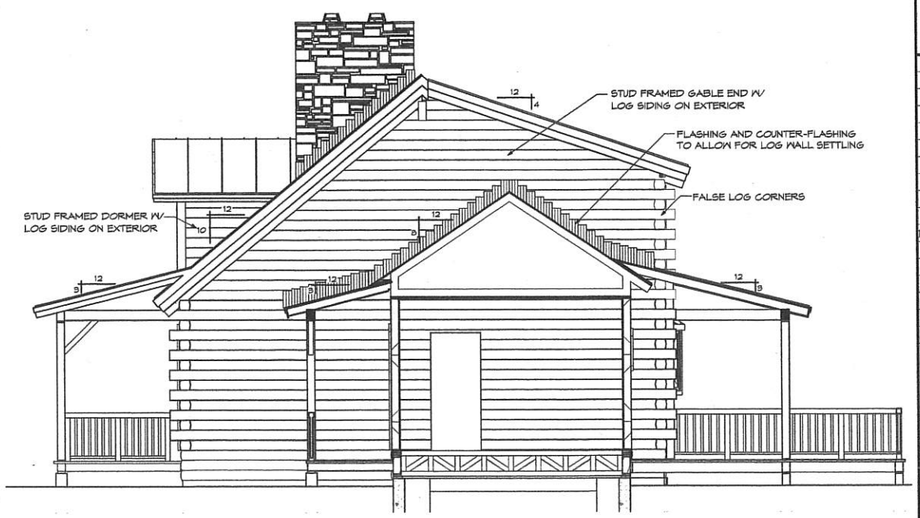
0 2' 4' 8'



2 RIGHT ELEVATION

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

0 2' 4' 8'



3 RIGHT ELEVATION NO GARAGE

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

0 2' 4' 8'

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STAMPS:

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BARRINGTON, NH

SQUARE FOOTAGE:

FIRST FLOOR:	1510 S.F.
SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
H	6/15/23	FINALS-ISSUED FOR CONST.	JMR	
G	6/1/23	FINALS-ISSUED FOR CONST.	RKO	RKO
F	5/1/23	FULL SET	WEH	JC
E	4/17/23	FULL SET	WEH	JC
D	3/30/23	FULL SET	JMR	
C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

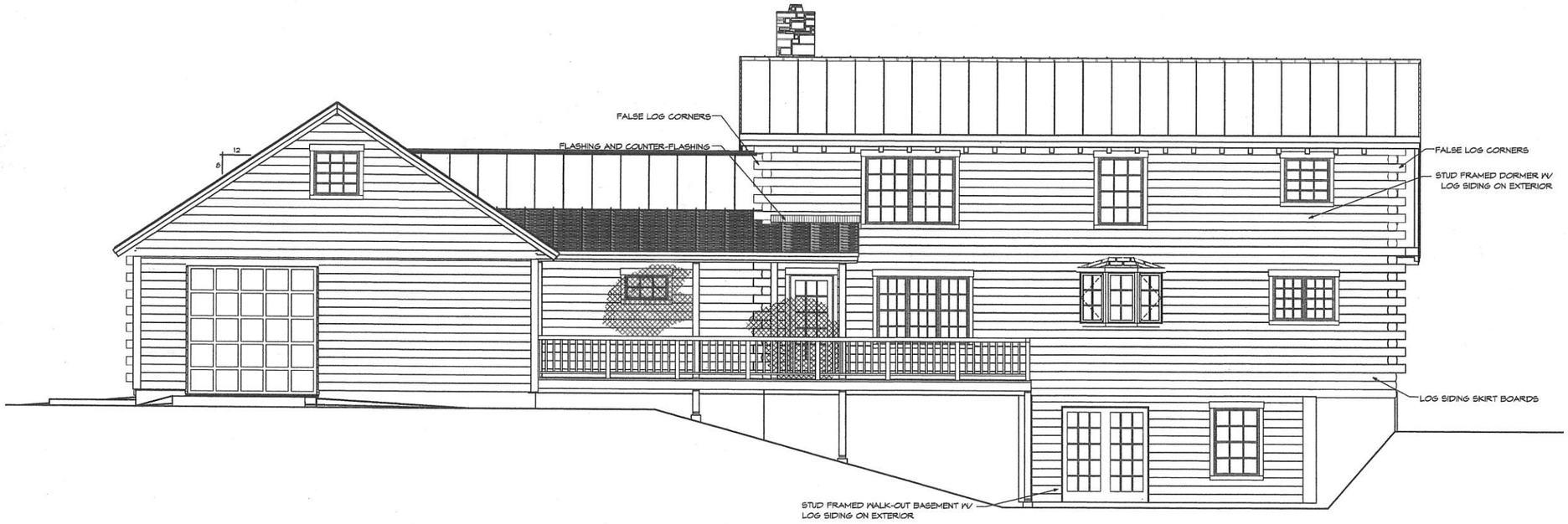
PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR 8
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

ELEVATIONS

A-201

SHEET: 6 OF 25



1 REAR ELEVATION

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

0 2' 4' 8'

2 LEFT ELEVATION

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

0 2' 4' 8'

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SQUARE FOOTAGE:

FIRST FLOOR:	1510 S.F.
SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
H	6/15/23	FINALS-ISSUED FOR CONST.	JMR	
G	6/1/23	FINALS-ISSUED FOR CONST.	RKC	RKC
F	5/1/23	FULL SET	WBH	JC
E	4/11/23	FULL SET	WBH	JC
D	3/30/23	FULL SET	JMR	
C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

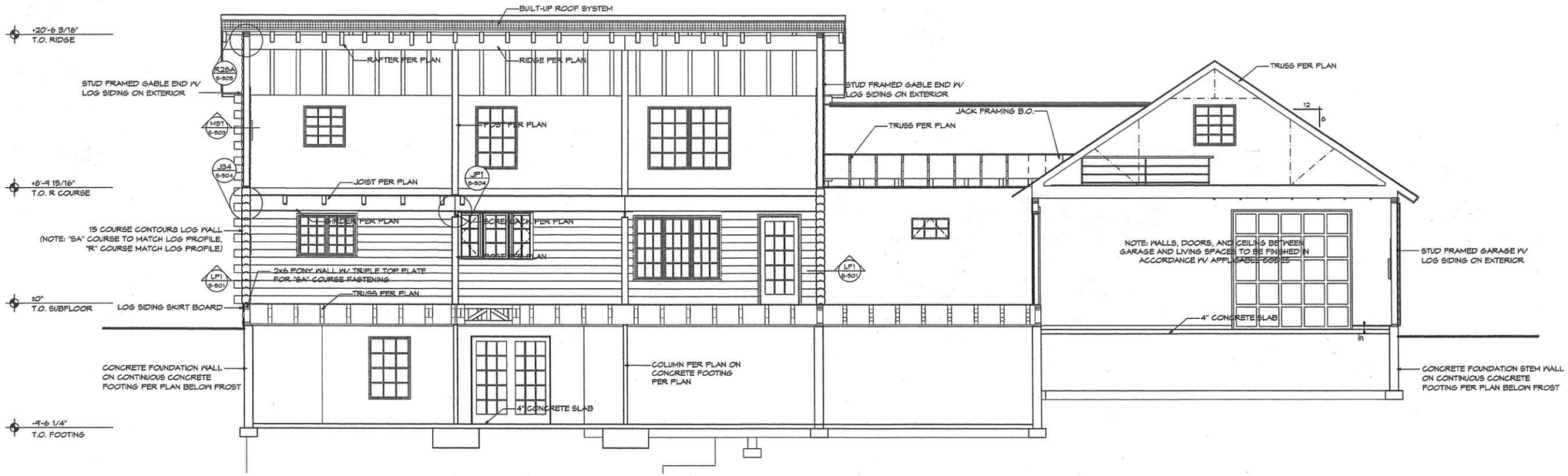
PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

ELEVATIONS

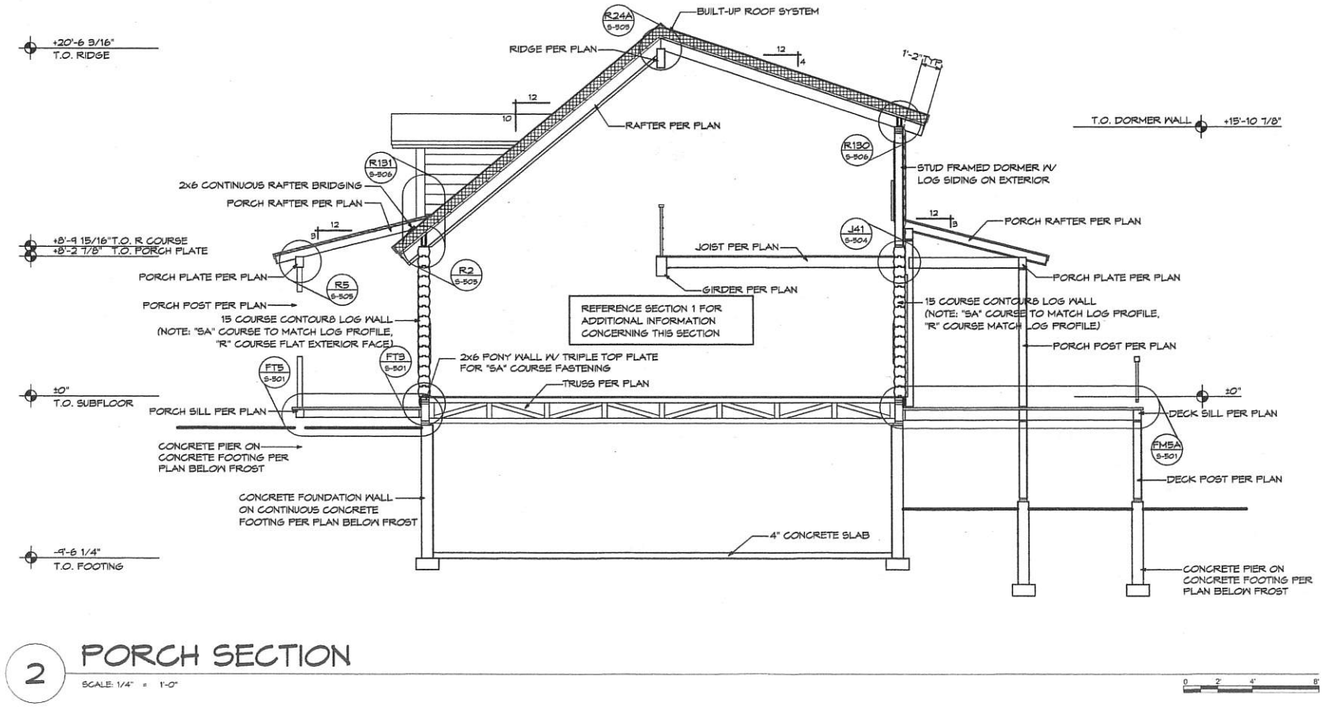
A-202

SHEET: 7 OF 25



1 LONG SECTION

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



2 PORCH SECTION

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

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CONSULTANTS:

STAMPS:

L-12992
KEVIN
ROY
BARRINGTON, NH

SQUARE FOOTAGE:

FIRST FLOOR:	1510 S.F.
SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
H	6/15/23	FINALS-ISSUED FOR CONST.	JMR	
G	6/1/23	FINALS-ISSUED FOR CONST.	RKO	RKO
F	5/1/23	FULL SET	WEH	JC
E	4/17/23	FULL SET	WEH	JC
D	3/30/23	FULL SET	JMR	
C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

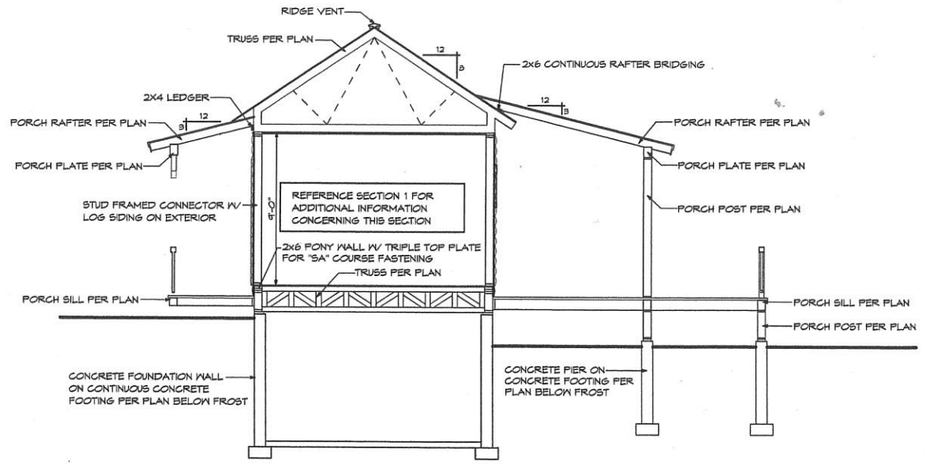
PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

BUILDING SECTIONS

A-301

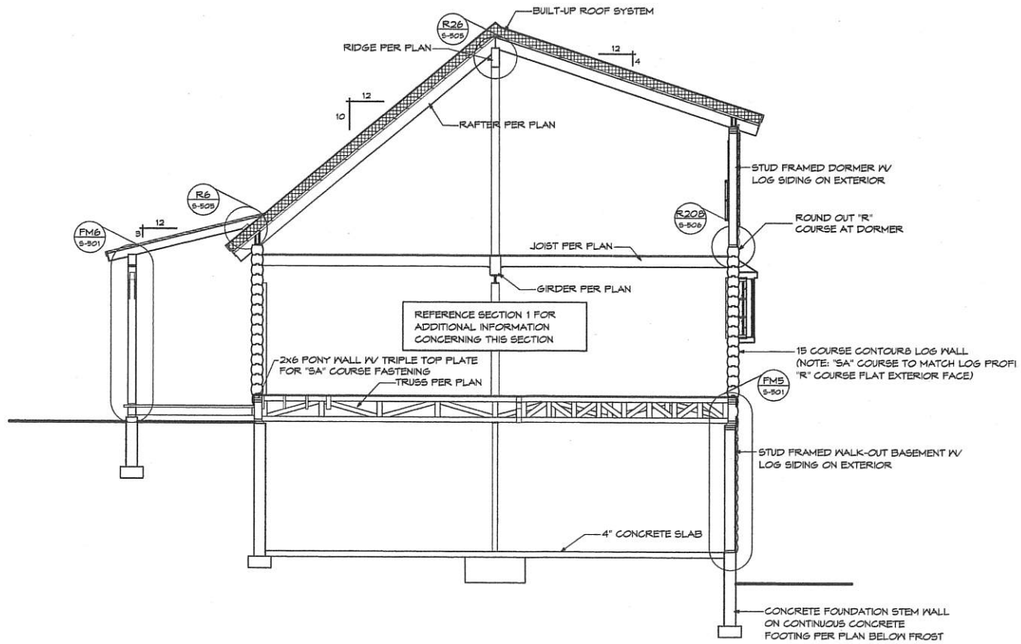
SHEET: 11 OF 25



1 CONNECTOR SECTION

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

0 2' 4' 8'



2 WALKOUT SECTION

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

0 2' 4' 8'

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CONSULTANTS:

STAMPS:

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ROY
BARRINGTON, NH

SQUARE FOOTAGE:

FIRST FLOOR:	1510 S.F.
SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
H	6/15/23	FINALS-ISSUED FOR CONST.	JMR	
G	6/1/23	FINALS-ISSUED FOR CONST.	RKO	RKO
F	5/1/23	FULL SET	WEH	JC
E	4/17/23	FULL SET	WEH	JC
D	3/30/23	FULL SET	JMR	
C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

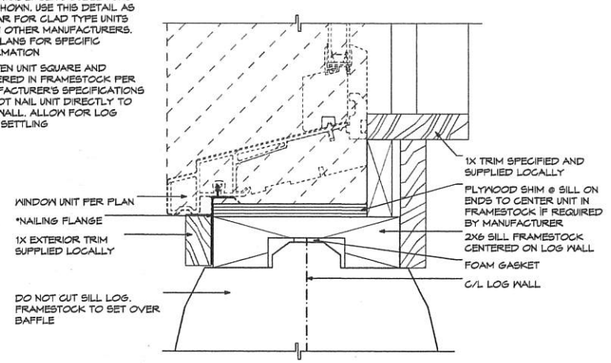
BUILDING SECTIONS

A-302

SHEET: 12 OF 25

NOTE: ANDERSEN DOUBLE HUNG UNIT SHOWN. USE THIS DETAIL AS SIMILAR FOR CLAD TYPE UNITS FROM OTHER MANUFACTURERS. SEE PLANS FOR SPECIFIC INFORMATION

*FASTEN UNIT SQUARE AND CENTERED IN FRAMESTOCK PER MANUFACTURER'S SPECIFICATIONS DO NOT NAIL UNIT DIRECTLY TO LOG WALL. ALLOW FOR LOG WALL SETTLING



SECTION VIEW AT SILL

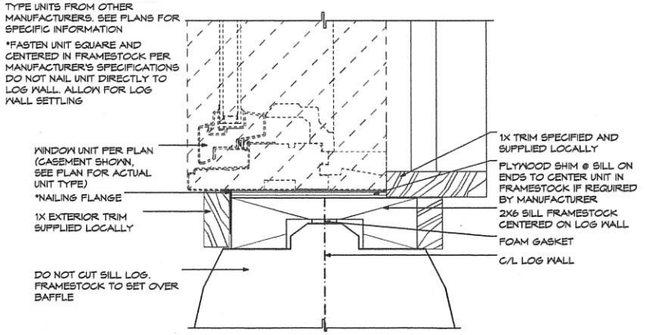
DETAIL SCALE: 6" = 1'-0"

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

AM1 WINDOW SILL CONNECTION (ANDERSEN DH UNIT SHOWN)

NOTE: ANDERSEN NON DOUBLE HUNG UNIT SHOWN. USE THIS DETAIL AS SIMILAR FOR CLAD TYPE UNITS FROM OTHER MANUFACTURERS. SEE PLANS FOR SPECIFIC INFORMATION

*FASTEN UNIT SQUARE AND CENTERED IN FRAMESTOCK PER MANUFACTURER'S SPECIFICATIONS DO NOT NAIL UNIT DIRECTLY TO LOG WALL. ALLOW FOR LOG WALL SETTLING



SECTION VIEW AT SILL

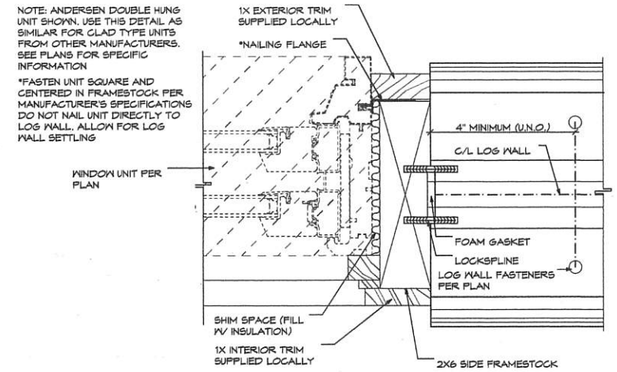
DETAIL SCALE: 6" = 1'-0"

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

AM1A WINDOW SILL CONNECTION (ANDERSEN NON-DH WINDOW SHOWN)

NOTE: ANDERSEN DOUBLE HUNG UNIT SHOWN. USE THIS DETAIL AS SIMILAR FOR CLAD TYPE UNITS FROM OTHER MANUFACTURERS. SEE PLANS FOR SPECIFIC INFORMATION

*FASTEN UNIT SQUARE AND CENTERED IN FRAMESTOCK PER MANUFACTURER'S SPECIFICATIONS DO NOT NAIL UNIT DIRECTLY TO LOG WALL. ALLOW FOR LOG WALL SETTLING



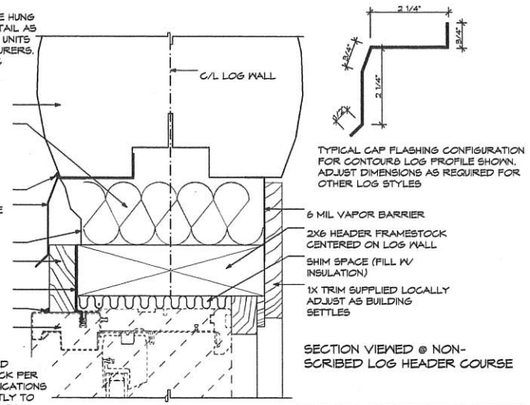
DETAIL SCALE: 6" = 1'-0"

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

AM2 WINDOW SIDE CONNECTION (ANDERSEN DH UNIT SHOWN)

NOTE: ANDERSEN DOUBLE HUNG UNIT SHOWN. USE THIS DETAIL AS SIMILAR FOR CLAD TYPE UNITS FROM OTHER MANUFACTURERS. SEE PLANS FOR SPECIFIC INFORMATION

LOG HEADER COURSE
FILL SETTLING ALLOWANCE W/ BATT INCULATION U.N.O. SEE CONSTRUCTION MANUAL FOR ADDITIONAL INFORMATION
SILICONE CAULKING
PRE-BENT FLASHING. SEE DETAIL ON RIGHT FOR TYPICAL DIMENSIONS
SCREENING
1X EXTERIOR TRIM SUPPLIED LOCALLY
*NAILING FLANGE
SILICONE CAULKING
WINDOW UNIT (DOUBLE HUNG SHOWN, SEE PLAN FOR ACTUAL UNIT TYPE)
*FASTEN UNIT SQUARE AND CENTERED IN FRAMESTOCK PER MANUFACTURER'S SPECIFICATIONS DO NOT NAIL UNIT DIRECTLY TO LOG WALL. ALLOW FOR LOG WALL SETTLING



TYPICAL CAP FLASHING CONFIGURATION FOR CONTOURS LOG PROFILE SHOWN. ADJUST DIMENSIONS AS REQUIRED FOR OTHER LOG STYLES

SECTION VIEWED @ NON-SCRIBED LOG HEADER COURSE

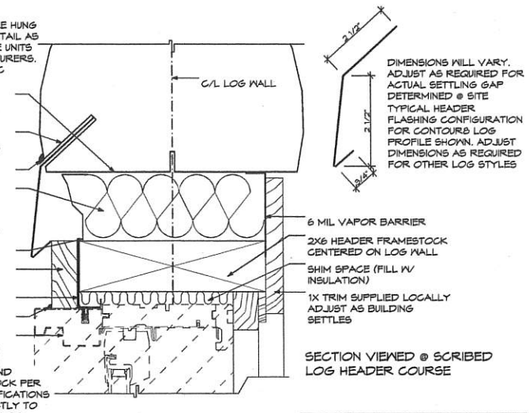
DETAIL SCALE: 6" = 1'-0"

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

AM3 WINDOW @ LOG HEADER (ANDERSEN DH UNIT SHOWN)

NOTE: ANDERSEN DOUBLE HUNG UNIT SHOWN. USE THIS DETAIL AS SIMILAR FOR CLAD TYPE UNITS FROM OTHER MANUFACTURERS. SEE PLANS FOR SPECIFIC INFORMATION

SCRIBE LOG HEADER @ SITE FOR REQUIRED SETTLING ALLOWANCE
KERF HEADER LOG @ SITE FOR CAP FLASHING SET IN CAULKING
SILICONE CAULKING
FILL SETTLING ALLOWANCE W/ BATT INCULATION U.N.O. SEE CONSTRUCTION MANUAL FOR ADDITIONAL INFORMATION
SCREENING
1X EXTERIOR TRIM SUPPLIED LOCALLY
*NAILING FLANGE
SILICONE CAULKING
WINDOW UNIT (DOUBLE HUNG SHOWN, SEE PLAN FOR ACTUAL UNIT TYPE)
*FASTEN UNIT SQUARE AND CENTERED IN FRAMESTOCK PER MANUFACTURER'S SPECIFICATIONS DO NOT NAIL UNIT DIRECTLY TO LOG WALL. ALLOW FOR LOG WALL SETTLING



SECTION VIEWED @ SCRIBED LOG HEADER COURSE

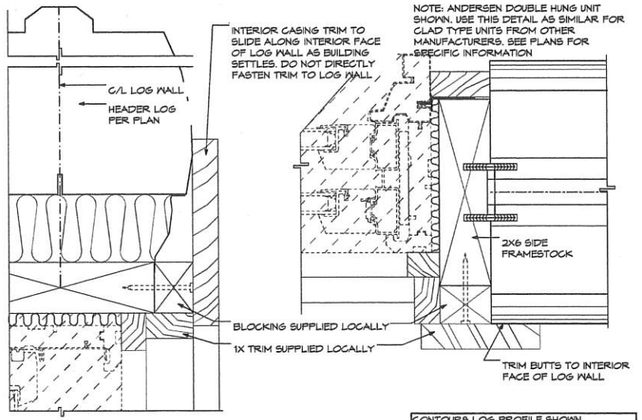
DETAIL SCALE: 6" = 1'-0"

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

AM4 WINDOW @ SCRIBED LOG HEADER

INTERIOR CASING TRIM TO SLIDE ALONG INTERIOR FACE OF LOG WALL AS BUILDING SETTLES. DO NOT DIRECTLY FASTEN TRIM TO LOG WALL

NOTE: ANDERSEN DOUBLE HUNG UNIT SHOWN. USE THIS DETAIL AS SIMILAR FOR CLAD TYPE UNITS FROM OTHER MANUFACTURERS. SEE PLANS FOR SPECIFIC INFORMATION



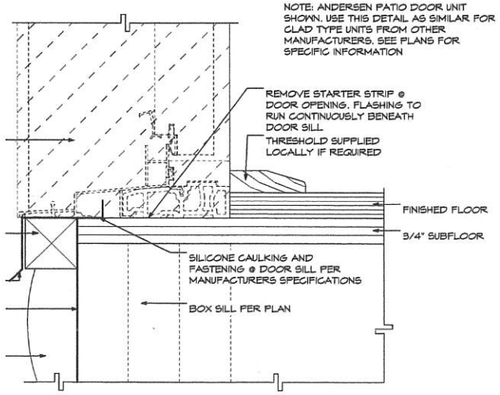
DETAIL SCALE: 6" = 1'-0"

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

AM5 ALTERNATIVE INTERIOR TRIM (ANDERSDEN DH UNIT SHOWN)

FOR SIDE JAMB AND HEAD CONNECTIONS, SEE AM2-3/BSD FOR SIMILAR CONFIGURATION

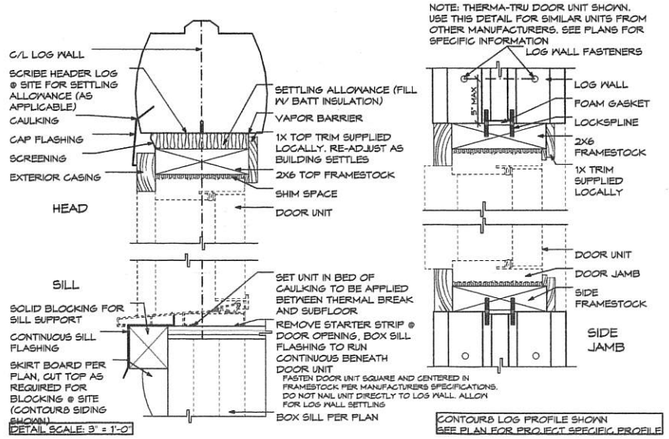
NOTE: ANDERSEN PATIO DOOR UNIT SHOWN. USE THIS DETAIL AS SIMILAR FOR CLAD TYPE UNITS FROM OTHER MANUFACTURERS. SEE PLANS FOR SPECIFIC INFORMATION



DETAIL SCALE: 6" = 1'-0"

AM11 SILL @ PATIO/FRENCH DOOR (ANDERSEN UNIT SHOWN)

NOTE: THERMA-TRU DOOR UNIT SHOWN. USE THIS DETAIL FOR SIMILAR UNITS FROM OTHER MANUFACTURERS. SEE PLANS FOR SPECIFIC INFORMATION



DETAIL SCALE: 3" = 1'-0"

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

AM10 DOOR CONNECTIONS (THERMA-TRU DOOR SHOWN)

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LOG HOMES COUNCIL Leaders in Excellence

CONSULTANTS:

STAMPS:

L-12992
KEVIN
ROY
BARRINGTON, NH

SQUARE FOOTAGE:

FIRST FLOOR:	1510 S.F.
SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
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C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

PROJECT NO:	L-12992
PROJECT NAME:	ROY
DEALER/RM:	MH
PROFILE:	CONTOUR B
CORNER STYLE:	MORTISE & TENON
CUSTOM:	

SHEET TITLE:

BUILDING SYSTEM DETAILS

A-501

SHEET: 13 OF 25

WINDOW SCHEDULE

QUANTITY	MODEL #	EGRESS	MFG ROUGH OPENING	FRAMESTOCK DIM	# OF CRS	SCRIBE	MFG	UNIT TYPE	EXTERIOR COLOR	GLAZING	TEMPERED	GRILLE TYPE	GRILLE STYLE
1	30-C135-20 LSR		5'-4 3/8" X 3'-6 7/8"	6'-0 3/8" X 3'-4 7/8"	7		ANDERSEN	BAY	FOREST GREEN	LOW-E4		REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH
1	AN31V		3'-0 1/2" X 1'-4"	N.A.	N.A.		ANDERSEN	AWNING	FOREST GREEN	LOW-E4		REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH
1	TW2046		2'-2 1/8" X 4'-4 1/4"	N.A.	N.A.		ANDERSEN	TILT-WASH DOUBLE HUNG	FOREST GREEN	LOW-E4	YES	REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH
1	TW2046-3		6'-8 3/4" X 4'-4 1/4"	6'-8 3/4" X 5'-0 1/4"	4		ANDERSEN	TILT-WASH DOUBLE HUNG	FOREST GREEN	LOW-E4		REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH
1	TW3046	YES	3'-2 1/8" X 4'-4 1/4"	3'-5 1/8" X 5'-0 1/4"	4		ANDERSEN	TILT-WASH DOUBLE HUNG	FOREST GREEN	LOW-E4		REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH
1	TW3046	YES	3'-2 1/8" X 4'-4 1/4"	3'-5 1/8" X 5'-0 1/4"	4		ANDERSEN	TILT-WASH DOUBLE HUNG	FOREST GREEN	LOW-E4	YES	REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH
3	TW3046	YES	3'-2 1/8" X 4'-4 1/4"	N.A.	N.A.		ANDERSEN	TILT-WASH DOUBLE HUNG	FOREST GREEN	LOW-E4		REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH
1	TW3046-2	YES	6'-3 15/16" X 4'-4 1/4"	6'-7" X 5'-0 1/4"	4		ANDERSEN	TILT-WASH DOUBLE HUNG	FOREST GREEN	LOW-E4		REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH
1	TW3046-2	YES	6'-3 15/16" X 4'-4 1/4"	N.A.	N.A.		ANDERSEN	TILT-WASH DOUBLE HUNG	FOREST GREEN	LOW-E4		REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH
1	TW20210-2		4'-3 15/16" X 3'-1 1/4"	4'-7" X 3'-4 1/4"	6		ANDERSEN	TILT-WASH DOUBLE HUNG	FOREST GREEN	LOW-E4	YES	REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH
2	TW30210		3'-2 1/8" X 3'-1 1/4"	3'-5 1/8" X 3'-4 1/4"	6		ANDERSEN	TILT-WASH DOUBLE HUNG	FOREST GREEN	LOW-E4		REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH
5	TW30210		3'-2 1/8" X 3'-1 1/4"	N.A.	N.A.		ANDERSEN	TILT-WASH DOUBLE HUNG	FOREST GREEN	LOW-E4		REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH
2	TW30210		3'-2 1/8" X 3'-1 1/4"	N.A.	N.A.		ANDERSEN	TILT-WASH DOUBLE HUNG	FOREST GREEN	LOW-E4	YES	REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH
2	W1		5'-0 1/2" X 2'-4 7/8"	N.A.	N.A.		UNKNOWN	AWNING B.O.	UNKNOWN				

E-MSEAL SPACE SEAL SUPPLIED FOR UNITS IN LOG WALLS
PRE-BENT MILLWORK FLASHING SUPPLIED FOR UNITS IN LOG WALLS

DOOR SCHEDULE

QUANTITY	MODEL #	DOOR STYLE	MFG ROUGH OPENING	FRAMESTOCK DIM	# OF CRS	SCRIBE	MFG	UNIT TYPE	GLAZING	EXTERIOR COLOR	GRILLE TYPE	GRILLE STYLE	BORE OPTIONS
1	3068 LH	FG65	3'-2 1/2" X 6'-10 1/2"	-	-	-	THERMA-TRU	ENTRY DOOR	LOW-E	UNKNOWN	SDL	-	DOORKNOB & DEADBOLT
1	3068 LH	FG65	3'-2 1/2" X 6'-10 1/2"	3'-5 1/2" X T-0"	12	YES	THERMA-TRU	ENTRY DOOR	LOW-E	UNKNOWN	SDL	-	DOORKNOB & DEADBOLT
1	3068 LH	FGF160	3'-2 1/2" X 6'-10 1/2"	-	-	-	THERMA-TRU	FIRE DOOR	-	UNKNOWN	-	-	DOORKNOB & DEADBOLT
1	3068 RH	FG65	3'-2 1/2" X 6'-10 1/2"	-	-	-	THERMA-TRU	ENTRY DOOR	LOW-E	UNKNOWN	SDL	-	DOORKNOB & DEADBOLT
3	9010	-	9'-0" X 9'-0"	N.A.	N.A.		UNKNOWN	OVERHEAD GARAGE DOOR SUPPLIED LOCALLY	-	UNKNOWN	-	-	-
1	FWHD3168 AL	-	3'-1" X 8'-8"	3'-4" X 6'-9 1/2"	12		ANDERSEN A-SERIES	FRENCHWOOD HINGED PATIO DOOR	LOW-E4 HEATLOCK	FOREST GREEN	REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH	-
1	FWHD6068PALR	-	6'-0" X 8'-8"	N.A.	N.A.		ANDERSEN A-SERIES	FRENCHWOOD HINGED PATIO DOOR	LOW-E4 HEATLOCK	FOREST GREEN	REMOVABLE INTERIOR GRILLE, STANDARD GRILLE ALIGNMENT	COLONIAL, FOREST GREEN, OAK W/ UNFINISHED 7/8"GRILLE WIDTH	-

E-MSEAL SPACE SEAL SUPPLIED FOR UNITS IN LOG WALLS
PRE-BENT MILLWORK FLASHING SUPPLIED FOR UNITS IN LOG WALLS

LOG WALL SCHEDULE

LABEL	PROFILE	NUMBER OF COURSES	LOG GABLE END ABOVE	SPECIES	FASTENER SPACING	STARTER COURSE	REMARKS
1	CONTOUR B	15	NO	WHITE PINE	18" O/C	-	
2	CONTOUR B	15	NO	WHITE PINE	12" O/C	-	
3	CONTOUR B	15	NO	WHITE PINE	18" O/C	-	
4	CONTOUR B	15	NO	WHITE PINE	12" O/C	-	

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LOG HOMES COUNCIL Leaders in Excellence

CONSULTANTS:

STAMPS:

L-12992
KEVIN
ROY
BARRINGTON, NH
SQUARE FOOTAGE:

FIRST FLOOR:	1510 S.F.
SECOND FLOOR:	1275 S.F.
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GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
H	6/15/23	FINALS-ISSUED FOR CONST.	JMR	
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PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:
COPYRIGHT:

SHEET TITLE:
SCHEDULES

A-601
SHEET: 8 OF 25

COLOR RENDERINGS

Color renderings are for graphic representation only and do not illustrate exact materials supplied or to be built. Please refer to final Bill of Materials for actual items supplied with your REAL LOG HOMES® package.

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CONSULTANTS:

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BARRINGTON, NH

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0	3/31/22	ISSUED FOR REVIEW	JMR	JC

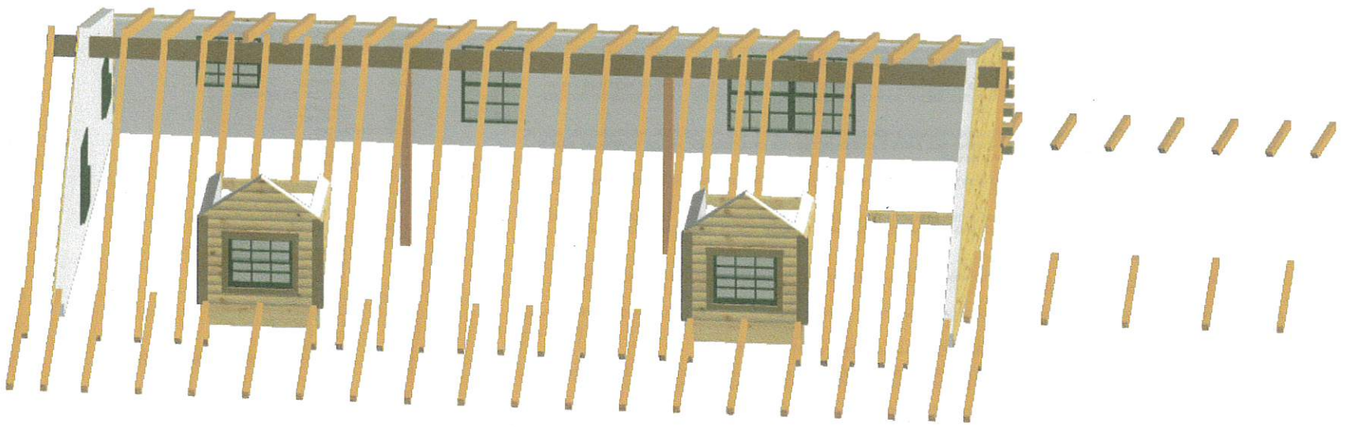
PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

COLOR ILLUSTRATIONS

A-901

SHEET: 9 OF 25



PACKAGE COMPONENTS

Window trim shown for graphic representation only. Window trim is NOT included as part of the log package. Please refer to Final Bill of Materials for actual items supplied with your REAL LOG HOMES® package.

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L-12992
KEVIN
ROY
BARRINGTON, NH

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GARAGE:	1017 S.F.

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0	3/31/22	ISSUED FOR REVIEW	JMR	JC

PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR 8
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

PACKAGE COMPONENTS

A-902

SHEET: 10 OF 25

1 GENERAL

1.1 ALL MATERIALS, WORKMANSHIP, AND DETAILS SHALL CONFORM TO THE 2018 EDITION OF THE INTERNATIONAL BUILDING CODE AND THE REFERENCE STANDARDS INCLUDED THEREIN THAT ARE APPLICABLE TO THIS PROJECT.

1.2 THE CONTRACTOR SHALL FAMILIARIZE HIM/HER SELF WITH THE CONTRACT DRAWINGS. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE NATIONAL DESIGN CENTER AND STRUCTURAL ENGINEER (IF APPLICABLE), BEFORE PROCEEDING WITH THE AFFECTED WORK. ANY VARIATIONS OR SUBSTITUTIONS OF MATERIALS OR DETAILS FROM THOSE INDICATED ON THE DRAWINGS MAY ONLY BE MADE WITH PRIOR APPROVAL NATIONAL DESIGN CENTER AND STRUCTURAL ENGINEER (IF APPLICABLE). THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY AND ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, SHORING AND SAFETY PROGRAMS REQUIRED TO COMPLETE THE WORK OF THIS CONTRACT.

1.3 ALL STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS. VERIFY LOCATION AND DIMENSIONS OF CHASES, INSERTS, OPENINGS, SLEEVES, WASHES, DRIPS, REVEALS, DEPRESSIONS, AND OTHER PROJECT REQUIREMENTS NOT SHOWN ON THE STRUCTURAL DRAWINGS. VERIFY AND COORDINATE ALL DIMENSIONS RELATED TO THIS PROJECT.

1.4 UNLESS OTHERWISE INDICATED, DETAILS SHOWN ON ANY DRAWING ARE TO BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS.

1.5 NO MAIN FRAMING OR STRUCTURAL MEMBERS ARE TO BE MODIFIED, ALTERED, OR CUT WITHOUT THE APPROVAL OF THE STRUCTURAL ENGINEER.

1.6 THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY SHORING REQUIRED TO COMPLETE THE WORK OF THIS CONTRACT.

1.7 THESE DRAWINGS HAVE BEEN COMPILED FROM THE BEST AVAILABLE INFORMATION AND ARE NOT INTENDED TO LIMIT THE SCOPE OF THE WORK. THE CONTRACTOR MAY ENCOUNTER HIDDEN OR UNCOVERED CONDITIONS, NOT SHOWN ON THESE DRAWINGS, REQUIRING ADDITIONAL WORK FOR THE COMPLETION OF THIS CONTRACT. IT WILL BE ASSUMED THAT THE CONTRACTOR HAS INSPECTED THE SITE PRIOR TO BIDDING AND VERIFIED THE INFORMATION HEREIN SUPPLIED.

1.8 ASSEMBLY OF THIS STRUCTURE REQUIRES A THOROUGH KNOWLEDGE OF THE REAL LOG HOMES® CONSTRUCTION MANUAL.

2 DESIGN LIVE LOADS

2.1 ROOFS: GROUND SNOW LOAD: 70 PSF
FLAT ROOF SNOW LOAD: 42 PSF (PLUS ALLOWANCE FOR DRIFTING)
SNOW EXPOSURE FACTOR: 1
THERMAL FACTOR: 1.1
IMPORTANCE FACTOR: 1

2.2 FLOORS: (INTERIOR) 40 PSF, 30 PSF FOR SLEEPING AREAS

2.3 WIND: BASIC WIND SPEED: 115 MPH (3 sec GUST), EXPOSURE B-DENSE FOREST
IMPORTANCE FACTOR: 1

3 FOUNDATIONS

3.1 FOUNDATIONS SHALL BEAR ON UNDISTURBED NATURAL MATERIAL HAVING AN ALLOWABLE BEARING PRESSURE OF 2000 PSF.

3.2 CONTROLLED STRUCTURAL FILL SHALL CONSIST OF CLEAN GRANULAR MATERIAL FREE OF ORGANIC OR OTHER DELETERIOUS MATTER AND CONFORM TO A SIEVE ANALYSIS WHICH PRODUCES A GRAIN SIZE DISTRIBUTION CURVE FALLING ENTIRELY WITHIN THE FOLLOWING LIMITS, AS DETERMINED BY LABORATORY ANALYSIS:

SCREEN OR SIEVE SIZE	PERCENT PASSING BY WEIGHT
4"	100%
3"	90-99%
No. 4	35-70%
No. 40	5-35%
No. 200	0-5%

FILL MATERIAL SHOULD BE PLACED IN LIFTS NOT EXCEEDING 12" IN LOOSE DEPTH FOR MATERIAL TO BE COMPACTED BY HEAVY COMPACTION EQUIPMENT, AND NOT MORE THAN 8" IN LOOSE DEPTH FOR MATERIAL COMPACTED BY HAND OPERATED TAMPERS. PRIOR TO COMPACTION, EACH LAYER SHOULD BE MOISTENED OR AERATED AS NECESSARY TO PROVIDE OPTIMUM MOISTURE CONTENT. EACH LAYER SHALL BE COMPACTED TO 95% OF OPTIMUM DRY DENSITY AS DETERMINED BY A LABORATORY PERFORMED MODIFIED PROCTOR DENSITY TEST, ASTM D-1557. EACH LAYER OF COMPACTED STRUCTURAL FILL SHALL BE FIELD TESTED WITH A MINIMUM OF THREE (3) COMPACTION TESTS PER LAYER.

3.3 EXCAVATE TO LINES AND GRADES REQUIRED TO PROPERLY INSTALL THE FOUNDATIONS ON UNDISTURBED NATURAL SOIL. REMOVE ALL TOPSOIL AND ORGANIC MATERIAL FROM UNDER SLABS ON GRADE. ALL EXCAVATIONS SHALL BE DRY BEFORE PLACING ANY CONCRETE. PROOF ROLL THE BOTTOM OF ALL EXCAVATIONS WITH A HAND OPERATED VIBRATORY ROLLER COMPACTOR.

3.4 EXTERIOR WALL FOOTINGS ARE TO BE PLACED ON NATURAL SOIL AT A MINIMUM DEPTH OF 4'-6" (OR PER LOCAL BUILDING CODES) BELOW THE LOWEST ADJACENT GROUND SURFACE EXPOSED TO FREEZING. ANY ADJUSTMENT OF ELEVATIONS OF FOOTINGS DUE TO FIELD CONDITIONS MUST HAVE THE EXPRESSED APPROVAL OF THE ENGINEER.

3.5 BACKFILLING AGAINST FOUNDATION WALLS SHALL BE DONE ONLY AFTER WALLS ARE BRACED TO PREVENT MOVEMENT.

3.6 BACKFILL INSIDE THE FOUNDATION WALLS WITH APPROVED STRUCTURAL FILL PLACED IN 12-INCH LAYERS AND COMPACTED TO 95% DENSITY AT OPTIMUM MOISTURE CONTENT AS DEFINED BY ASTM D1557, METHOD D.

3.7 WHERE NEW FOUNDATIONS ARE BUILT IN THE SAME LOCATION AS REMOVED EXISTING FOUNDATIONS, THEY SHALL BEAR ON UNDISTURBED SOIL AT OR BELOW THE ELEVATION OF THE EXISTING FOUNDATIONS.

4 CAST-IN-PLACE CONCRETE

4.1 CONCRETE WORK SHALL CONFORM TO THE LATEST EDITIONS OF: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318), SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (ACI 301), AND STANDARD SPECIFICATION FOR COLD WEATHER CONCRETING (ACI 306.1).

4.2 CONCRETE SHALL BE NORMAL WEIGHT, APPROVED, READY-MIXED CONCRETE HAVING AN ULTIMATE COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS EXCEPT CONCRETE FOR EXTERIOR SLABS AND WALKWAYS SHALL HAVE AN ULTIMATE COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS. SLUMP SHALL BE 2-4 INCHES AND SHALL BE MEASURED AT THE POINT OF DISCHARGE FROM PUMP OR TRUCK CLOSEST TO THE PLACEMENT LOCATION.

4.3 CONCRETE WHICH WILL BE EXPOSED AND/OR SUBJECT TO FREEZING AND THAWING SHALL BE AIR ENTRAINED WITH 4-6% AIR BY VOLUME. INTERIOR SLABS NOT SUBJECT TO FREEZE - THAW CYCLES DURING CONSTRUCTION OR SERVICE LIFE NEED NOT BE AIR ENTRAINED.

4.4 ABSOLUTELY NO CALCIUM CHLORIDE MAY BE USED IN ANY CONCRETE.

4.5 REINFORCING SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.

4.6 DETAILING, FABRICATION, AND ERECTION OF REINFORCEMENT, UNLESS OTHERWISE NOTED, SHALL CONFORM TO ACI DETAILING MANUAL (SP-66) IN ADDITION TO THE ABOVE CODES AND SPECIFICATIONS.

4.7 PLACE CONCRETE BY APPROVED METHODS OF ACI 304, RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING AND PLACING CONCRETE. CONSOLIDATE CONCRETE BY MECHANICAL VIBRATION. DO NOT USE VIBRATORS FOR MOVING CONCRETE IN FORMS.

4.8 PLACE REINFORCING USING STANDARD BAR SUPPORTS TO PROVIDE PROPER CLEARANCE AND PREVENT DISPLACEMENT DURING CONCRETE OPERATIONS.

4.9 MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE AS FOLLOWS UNLESS NOTED OTHERWISE:
* UNFORMED SURFACES IN CONTACT WITH GROUND OR EXPOSED TO WEATHER 3"
* FORMED SURFACES IN CONTACT WITH GROUND OR EXPOSED TO WEATHER 2"
* SLABS ON GRADE 1- 1/2"
* SLABS AND WALLS NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND 1"
* OTHER CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND 1-1/2"

4.10 PROPERLY BRACE AND SHORE FORMWORK TO MAINTAIN ALIGNMENT AND TOLERANCES IN ACCORDANCE WITH ACI 347.

4.11 LAP ALL WELDED WIRE FABRIC TWO SQUARES AT ENDS AND ONE SQUARE AT SIDES. LAP ALL REINFORCING BARS 48 BAR DIAMETERS UNLESS NOTED OTHERWISE.

4.12 CONTROL JOINT SPACING IN FOUNDATION WALLS SHALL NOT EXCEED 30 FT.

5 MASONRY (AS APPLICABLE)

5.1 MASONRY WORK SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES"- ACI-ASCE 530 AND "SPECIFICATION FOR MASONRY STRUCTURES" ACI- ASCE 530.1.

5.2 MORTAR SHALL CONFORM TO ASTM C270, TYPE S. MIX PROPORTIONS BY VOLUME SHALL BE: 1 PART PORTLAND CEMENT (ASTM C150 TYPE 1), MINIMUM 1/4 TO MAXIMUM 1/2 PARTS HYDRATED LIME, AND NOT LESS THAN 2 1/4 AND NOT MORE THAN 3 TIMES THE SUM OF CEMENT AND LIME VOLUMES FOR DAMP LOOSE AGGREGATE (ASTM C144) FOR ALL CONCRETE BLOCK MASONRY.

5.3 GROUT SHALL CONFORM TO ASTM C476, PORTLAND CEMENT TYPE II, FINE AGGREGATE (ASTM C404) WITH A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.

5.4 REINFORCING SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60. JOINT REINFORCEMENT SHALL CONFORM TO ASTM A82, DEFORMED, AND ZINC COATED. PROVIDE PREFABRICATED CORNERS AND TEES.

5.5 HOLLOW CONCRETE UNITS SHALL BE LAID IN RUNNING BOND UNLESS OTHERWISE NOTED. PROVIDE FULL MORTAR BED FOR FIRST COURSE. PROVIDE MORTAR ON WEBS OF CORES CARRYING GROUT TO PREVENT LEAKAGE. ALL EXPOSED JOINTS SHALL BE TOOLED CONCAVE. UNEXPOSED JOINTS SHALL BE STRUCK FLUSH.

5.6 PLACE 1 VERTICAL BAR EACH SIDE OF WALL OPENINGS. PLACE 2 HORIZONTAL BARS (SAME SIZE AS VERTICAL REINFORCING) ABOVE AND BELOW WALL OPENINGS IN 8X8 LINTEL BLOCK. EXTEND ALL BARS 2'-0" BEYOND EDGES OF OPENINGS. PLACE 1 VERTICAL BAR IN CORES EACH SIDE OF CONTROL JOINTS. GROUT BARS SOLID.

5.7 REINFORCEMENT SHALL BE PLACED IN REQUIRED POSITION, SECURING FROM DISPLACEMENT WITH PROPER CHAIRS OR WIRE TIES. LAP CONTINUOUS BARS 48 DIAMETERS.

5.8 WHERE GROUT IS SPECIFIED ON THE DRAWINGS OR IN THE SPECIFICATIONS, MORTAR IS NOT ACCEPTABLE. USE LOW LIFT (MANUAL PLACEMENT) OR HIGH LIFT (PUMPED PLACEMENT) GROUTING TECHNIQUE, ASSURING CONSOLIDATION OF GROUT IN BLOCK CELLS.

6 STRUCTURAL STEEL (AS APPLICABLE)

6.1 ALL STRUCTURAL STEEL WORK SHALL CONFORM TO ANSI/AISC 360-05 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS", AND "STRUCTURAL WELDING CODE-STEEL"- AWS D1.1.

6.2 STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A992, GRADE 50. STRUCTURAL STEEL ANGLES, PLATES AND CHANNELS SHALL CONFORM TO ASTM A36.

6.3 STEEL TUBES SHALL CONFORM TO ASTM A500. STEEL PIPE SHALL CONFORM TO ASTM A53, GRADE B.

6.4 ANCHOR BOLTS AND STEEL TO WOOD CONNECTION BOLTS (AS APPLICABLE), SHALL CONFORM TO ASTM A307. STEEL TO STEEL CONNECTION BOLTS SHALL CONFORM TO ASTM A325N. BOLTS SHALL BE 3/4" DIAMETER UNLESS NOTED OTHERWISE.

6.5 THE FABRICATOR SHALL DESIGN ALL CONNECTIONS NOT SPECIFICALLY DETAILED. ALL SIMPLE SHEAR CONNECTIONS WHICH ARE DESIGNED AND DIMENSIONALLY DETAILED IN ACCORDANCE WITH AISC'S "SIMPLE SHEAR CONNECTIONS", 1990, SHALL BE ACCEPTED. CONNECTIONS SHALL BE DESIGNED AS SHEAR BEARING JOINTS UNLESS NOTED OTHERWISE. THE FABRICATOR SHALL SUBMIT ALL OTHER PROPOSED CONNECTION DETAILS FOR GENERAL REVIEW PRIOR TO SUBMISSION OF THE STRUCTURAL STEEL SHOP DRAWINGS.

6.6 WELDING ELECTRODES SHALL BE E70XX SERIES.

6.7 ALL STEEL SHALL BE SHOP PAINTED WITH AN APPROVED PRIMER OF 2 MILS DRY THICKNESS.

6.8 SHOP FABRICATE ALL MEMBERS AND CONNECTIONS TO MAXIMUM EXTENT POSSIBLE USING WELDING OR BOLTING. USE BOLTED FIELD CONNECTIONS UNLESS SPECIFICALLY NOTED OTHERWISE. ANY AND ALL SHOP AND FIELD WELDING SHALL BE PERFORMED BY AN AWS CERTIFIED WELDER, CERTIFIED FOR THE TYPE AND POSITION OF WELDS TO BE PERFORMED. SUBMIT TO THE PROJECT ENGINEER A COPY OF WELDER'S CERTIFICATION FOR ALL PERSONS PERFORMING OR MAKING FIELD WELDS.

6.9 ANCHOR BOLTS, LEVELING PLATES, OR BEARING PLATES SHALL BE LOCATED AND BUILT INTO CONNECTING WORK, PRESET BY TEMPLATES OR SIMILAR METHODS. PLATES SHALL BE SET IN FULL BEDS OF NON-SHRINK GROUT.

6.10 STRUCTURAL STEEL FRAMING SHALL BE TRUE AND PLUMB BEFORE CONNECTIONS ARE FINALLY BOLTED OR WELDED. PROVIDE TEMPORARY BRACING UNTIL FLOORS OR WALLS ARE IN PLACE.

7 WOOD (AS APPLICABLE)

7.1 ALL NEW STRUCTURAL LUMBER SHALL CONFORM TO THE LATEST EDITION OF THE A.F.&P.A. "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" AND ITS SUPPLEMENTS.

7.2 ALL STRESS GRADE LUMBER FOR FRAMING SHALL HAVE A MINIMUM ALLOWABLE BENDING STRESS, Fb, OF 875 PSI (SINGLE USE, NORMAL DURATION), A MINIMUM ALLOWABLE HORIZONTAL SHEAR STRESS, Fv, OF 70 PSI, AND A MINIMUM MODULUS OF ELASTICITY OF 1,400,000 PSI UNLESS OTHERWISE NOTED.

7.3 ALL LAMINATED VENEER LUMBER SHALL HAVE A MINIMUM ALLOWABLE BENDING STRESS, Fb, OF 2600 PSI (SINGLE USE, NORMAL DURATION), A MINIMUM ALLOWABLE HORIZONTAL SHEAR STRESS, Fv, OF 285 PSI, AND A MINIMUM MODULUS OF ELASTICITY OF 1,900,000 PSI UNLESS OTHERWISE NOTED.

7.4 ALL PARALLEL STRAND LUMBER SHALL HAVE A MINIMUM ALLOWABLE BENDING STRESS, Fb, OF 2400 PSI (SINGLE USE, NORMAL DURATION), A MINIMUM ALLOWABLE HORIZONTAL SHEAR STRESS, Fv, OF 290 PSI, AND A MINIMUM MODULUS OF ELASTICITY OF 2,000,000 PSI UNLESS OTHERWISE NOTED.

7.5 ALL STRESS GRADE LUMBER FOR 2X4 STUDS SHALL BE SPRUCE-PINE-FIR STUD GRADE OR BETTER. ALL STRESS GRADE LUMBER FOR 4X4 POSTS SHALL BE SPRUCE- PINE-FIR STANDARD GRADE OR BETTER. ALL STRESS GRADE LUMBER FOR 2X6 STUDS AND 4X6 POSTS SHALL BE SPRUCE-PINE-FIR #2 GRADE OR BETTER. ALL STRESS GRADE LUMBER FOR 6X6 POSTS SHALL BE SPRUCE-PINE-FIR #1 GRADE OR BETTER.

7.6 PLYWOOD FOR ROOFS SHALL BE APA RATED SHEATHING, 5/8 OR 19/32 INCH THICKNESS, EXPOSURE 1, WITH A SPAN RATING OF 40/20. PLYWOOD FOR WALLS SHALL BE APA RATED SHEATHING, 1/2 OR 15/32 INCH THICKNESS, EXPOSURE 1, WITH A SPAN RATING OF 24/16 (UNLESS NOTED OTHERWISE). GAPS BETWEEN PANELS AND/OR CLIPS PER MANUFACTURER'S RECOMMENDATIONS.

7.7 NO WOODEN BEAMS, JOISTS, OR STUDS SHALL BE CUT, NOTCHED, OR BORED TO CLEAR PIPES, WIRE, CONDUIT, OR FOR OTHER PURPOSE WITHOUT THE APPROVAL OF THE PROJECT ENGINEER.

7.8 ALL SIZES, EXCEPT GLU-LAMINATED, LAMINATED VENEER LUMBER, PARALLEL STRAND LUMBER AND LAMINATED STRAND LUMBER SIZES ARE NOMINAL DIMENSIONS UNLESS OTHERWISE NOTED.

7.9 MEMBER SIZES ARE FOR ONE PIECE SOLID SECTIONS. BUILT UP MEMBERS ARE NOT ACCEPTABLE UNLESS OTHERWISE SHOWN.

7.10 LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.

7.11 PROVIDE GALVANIZED METAL HURRICANE TIE AT EACH DIMENSIONAL RAFTER/TRUSS OR SIMILAR MEMBER, AT WALL PLATES, PER APPLICABLE CODE/ENGINEERING REQUIREMENTS.

7.12 GALVANIZED METAL CONNECTORS SHOWN ON THE DRAWINGS ARE BY SIMPSON STRONG-TIE CO. SUBSTITUTION OF ANOTHER MANUFACTURER MAY ONLY BE MADE FOLLOWING SUBMISSION OF CUT SHEETS FOR ALL SUBSTITUTIONS SHOWING LOAD CAPACITIES AND WRITTEN APPROVAL.

7.13 ALL LVL BEAMS COMPRISED OF MORE THAN THREE MEMBERS SHALL HAVE THE PLIES OF THAT BEAM THROUGH-BOLTED WITH 1/2" DIAMETER BOLTS AT 12" O/C STAGGERED VERTICALLY, UNLESS NOTED OTHERWISE. BREAK MEMBER PIECES AT STRUCTURAL SUPPORTS ONLY.

7.14 ALL LAMINATED STRAND LUMBER SHALL HAVE A MINIMUM ALLOWABLE BENDING STRESS, Fb, OF 1800 PSI (SINGLE USE, NORMAL DURATION), A MINIMUM ALLOWABLE HORIZONTAL SHEAR STRESS, Fv, OF 400 PSI, AND A MINIMUM MODULUS OF ELASTICITY OF 1,300,000 PSI UNLESS OTHERWISE NOTED.

7.15 ALL TJI JOISTS USED FOR ROOF FRAMING SHALL BE MANUFACTURED BY TRUS JOIST CORP. JOIST SERIES AND SIZE ARE CALLED ON THE DRAWINGS. INSTALLATION AND CONNECTIONS PER MANUFACTURER'S SPECIFICATIONS AND APPLICABLE CODE/ENGINEERING.

7.16 ALL GLU-LAMINATED MATERIAL (GLB's) UNLESS NOTED OTHERWISE, ARE ARCHITECTURAL GRADE; STANDARD (2000' RADIUS) CAMBER, PER AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (AITC) PRACTICE. NO CAMBER ON BEAMS 12' OR SHORTER OR AS NOTED. ALL BEAMS TO BE STRUCTURALLY RATED AS 24F-V3 SYP/SYP OR 24F-V4 (MINIMUM); INDIVIDUALLY WRAPPED AND SEALED (PENETRATING SEALER); AND PROVIDED WITH PROOF OF MANUFACTURE PER THE AMERICAN NATIONAL STANDARD INSTITUTE, INC. (ANSI/AITC A190.1 FINISH TO BE SPECIFIED AS SMOOTH OR SAWN TEXTURED.

8 ABBREVIATIONS

A.B.	ANCHOR BOLT
AFF	ABOVE FINISHED FLOOR
ALT.	ALTERNATE
ARCH.	ARCHITECTURAL
ASTM	AMERICAN SOCIETY FOR TESTING & MATERIALS
B.E.W.	BOTTOM EACH WAY
B.L.L.	BOTTOM LONGER LONG
B.U.S.	BOTTOM UPPER SHORT
BETN.	BETWEEN
BM.	BEAM
BOT	BOTTOM
BRG	BEARING
C-C	CENTER TO CENTER
COL	COLUMN
CONC	CONCRETE
CONT.	CONTINUOUS
CTL.	CONTROL
CJ	CONTROL JOINT
CTRD.	CENTERED
CWN	COMMON WIRE NAILS
DTL.	DETAIL
DIM.	DIMENSION
DO	DITTO
DNGS.	DRAWINGS
DWLS.	DOWELS
E	EDGE OR MODULUS OF ELASTICITY
EA.	EACH
E.F.	EACH FACE
ELEV	ELEVATION
EMBED.	EMBEDMENT
EQ	EQUAL
E.S.	EQUAL SPACES
E.W.	EACH WAY
EX.	EXISTING
F_b	ALLOWABLE DESIGN STRESS IN BENDING (PSI)
FIN.	FINISH
FLG	FLANGE
FLR	FLOOR
FND.	FOUNDATION
FT	FOOT
FTG	FOOTING
G&N	GLUE & NAIL
GA	GAUGE
HDG	HOT DIP GALVANIZED
HORIZ.	HORIZONTAL
J.H.	JOIST HANGER
JSTS.	JOISTS
JT	JOINT
L.V.L.	LAMINATED VENEER LUMBER
LLBB	LONG LEGS BACK TO BACK
LLH	LONG LEG HORIZONTAL
LLO	LONG LEG OUTSTANDING
LLV	LONG LEG VERTICAL
MIN.	MINIMUM
N.T.S.	NOT TO SCALE
O.F.	OUTSIDE FACE
O.H.	OPPOSITE HAND
O/C	ON CENTER
PL	PLATE
PLF	POUNDS PER LINEAR FOOT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PARALLEL STRAND LUMBER
P.T.	PRESSURE TREATED
PTS.	POINTS
RD	ROOF DRAIN
REINF	REINFORCING
RENOV.	RENOVATION
REQ'D	REQUIRED
S.O.G.SLAB	ON GRADE
S.O.S.	STOCK OVER SEAT
SECT.	SECTION
SHT	SHEET
SLBB	SHORT LEG BACK TO BACK
SIM	SIMILAR
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURE
T	TONGUE
T&G	TONGUE & GROOVE
T&S	TEMP. & SHRINK
T&B	TOP AND BOTTOM
T.O.	TOP OF
T.O.S.	TOP OF SLAB
T.O.STL.	TOP OF STEEL
T.O.W.	TOP OF WALL
TEMP	TEMPERATURE
TYP	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
V.I.F.	VERIFY IN FIELD
VERT	VERTICAL
WWF	WELDED WIRE FABRIC
W/	WITH

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CONSULTANTS:

STAMPS:

L-12992
KEVIN
ROY
BARRINGTON, NH

SQUARE FOOTAGE:

FIRST FLOOR:	1510 S.F.
SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

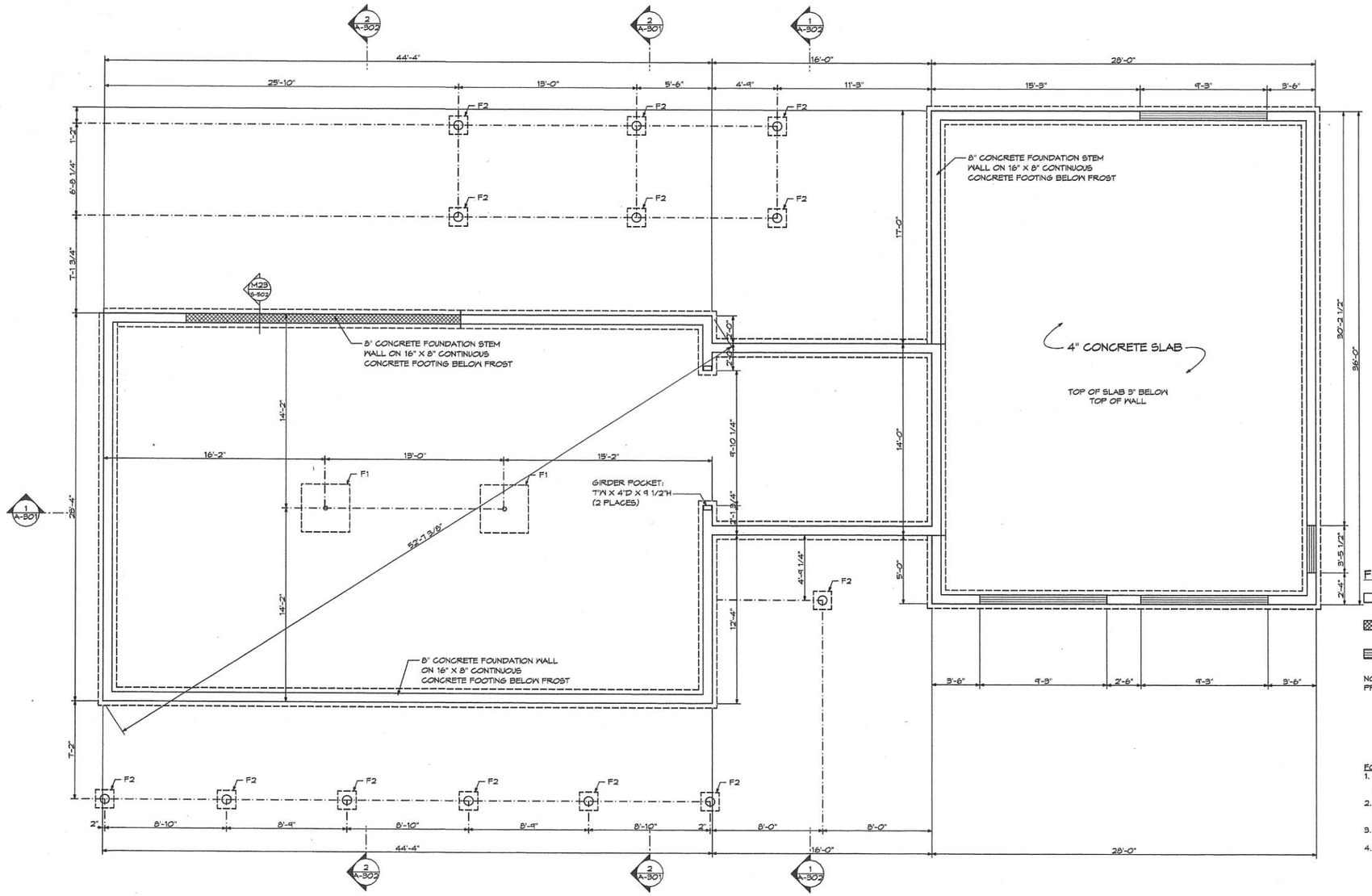
NO.	DATE	DESCRIPTION	BY	APP
H	6/15/23	FINALS-ISSUED FOR CONST.	JMR	
G	6/1/23	FINALS-ISSUED FOR CONST.	RKO	RKO
F	5/1/23	FULL SET	KEH	JC
E	4/17/23	FULL SET	KEH	JC
D	3/30/23	FULL SET	JMR	
C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR 8
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

STRUCTURAL NOTES

S-001
SHEET: 14 OF 25



FOUNDATION LEGEND

- FULL HEIGHT MAIN FOUNDATION WALLS
- FOUNDATION STEM WALL W/ STUD FRAMED WALK-OUT WALL ABOVE. (HEIGHT OF WALL SPECIFIED LOCALLY)
- GARAGE DOOR FOUNDATION WALL KNOCKOUT

NOTE: STEP FOOTINGS AS REQUIRED TO MAINTAIN PROPER DEPTH BELOW FROST

FOUNDATION NOTES:
1. ALL DIMENSIONS ARE TO BE VERIFIED ON SITE BY OWNER/CONTRACTOR PRIOR TO THE START OF CONSTRUCTION
2. PLACEMENT OF REINFORCING STEEL AND METAL TIES TO BE DETERMINED BY APPLICABLE BUILDING CODES AND/OR ACCEPTED PRACTICES.
3. INSULATION LEVELS IN FLOOR MUST MEET OR EXCEED REQUIREMENTS OF APPLICABLE BUILDING CODES
4. CONTINUOUS SILL SEALER IS RECOMMENDED

1 FOUNDATION PLAN

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

0 2" 4" 8"

POST AND FOOTING SCHEDULE

QTY	LABEL	POST SIZE	FOOTING SIZE	REMARKS
2	F1	3 1/2" Ø STEEL COLUMN	3'-6" X 3'-6" X 1'-6"	MINIMUM STEEL AS REQUIRED IN CONCRETE PER CODE
13	F2	8" Ø CONCRETE COLUMN	1'-4" X 1'-4" X 0'-8"	MINIMUM STEEL AS REQUIRED IN CONCRETE PER CODE

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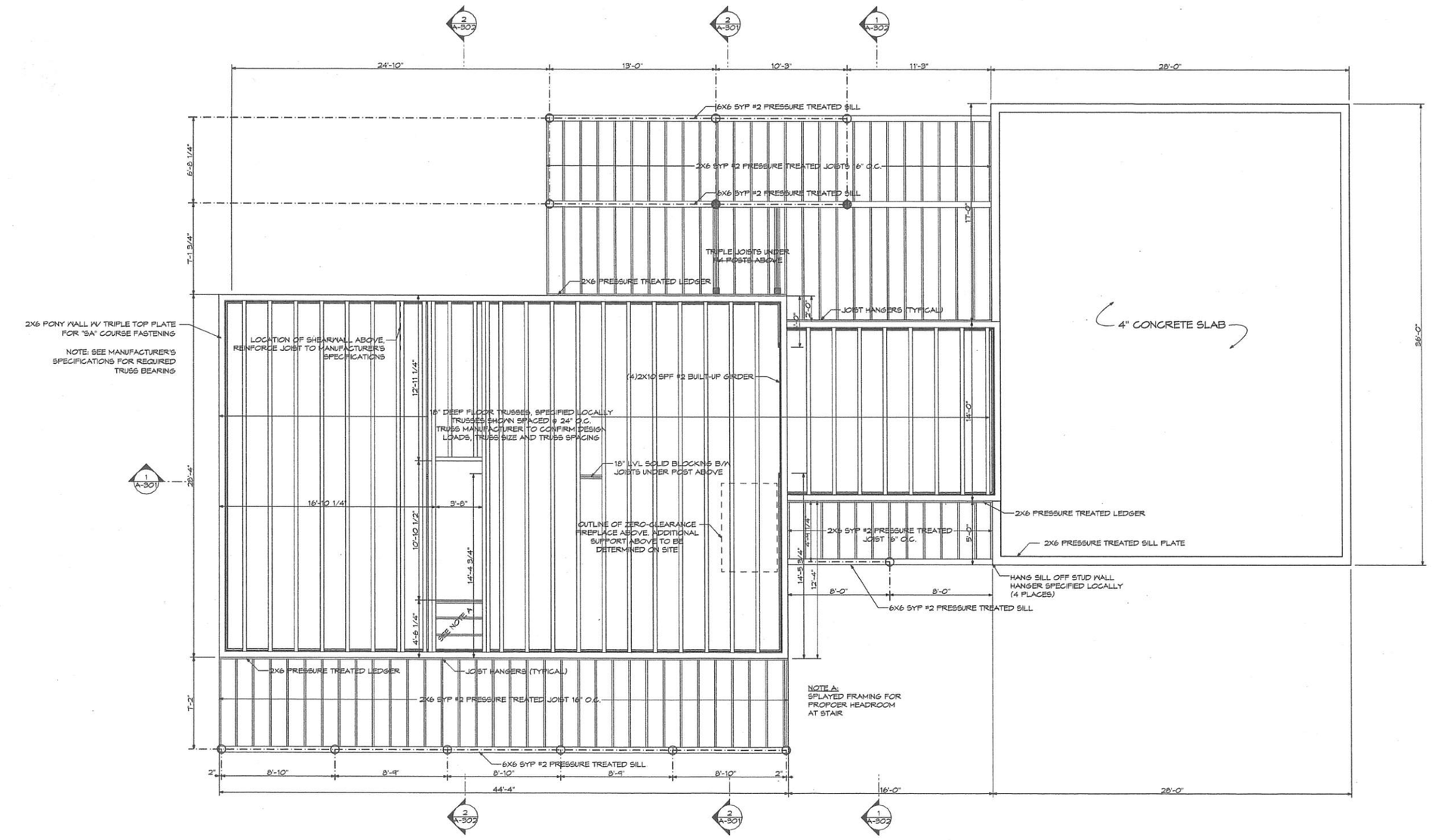
PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

FOUNDATION PLAN

S-101
SHEET: 15 OF 25



1 FIRST FLOOR FRAMING PLAN

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

0 2' 4' 8'

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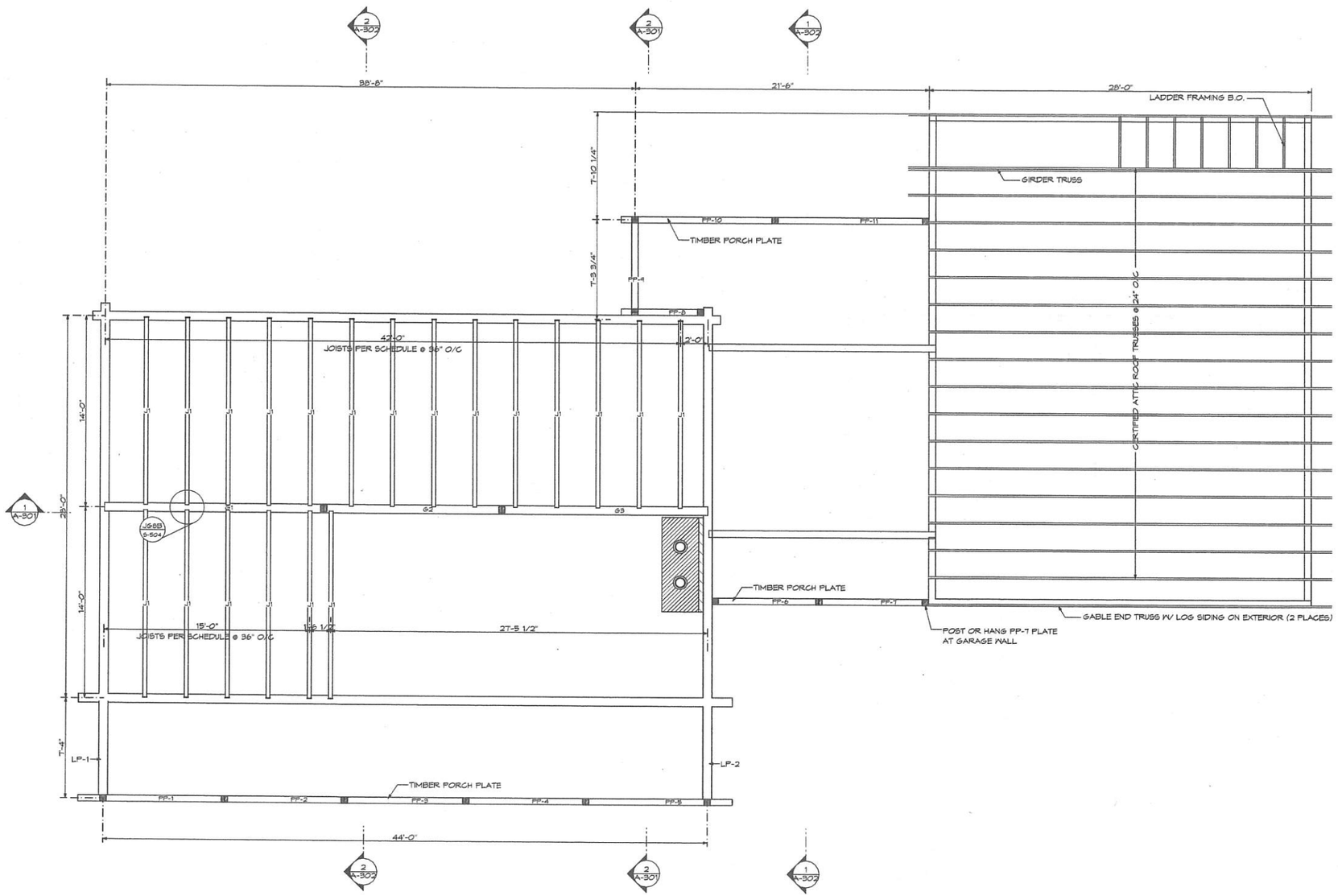
PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

FIRST FLOOR FRAMING PLAN

S-102

SHEET: 16 OF 25



1 GIRDER AND JOIST PLAN

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

0 2' 4' 8'

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GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
H	6/15/23	FINALS-ISSUED FOR CONST.	JMR	
G	6/1/23	FINALS-ISSUED FOR CONST.	RKO	RKO
F	5/1/23	FULL SET	MEH	JC
E	4/17/23	FULL SET	MEH	JC
D	3/30/23	FULL SET	JMR	
C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
O	3/31/22	ISSUED FOR REVIEW,	JMR	JC

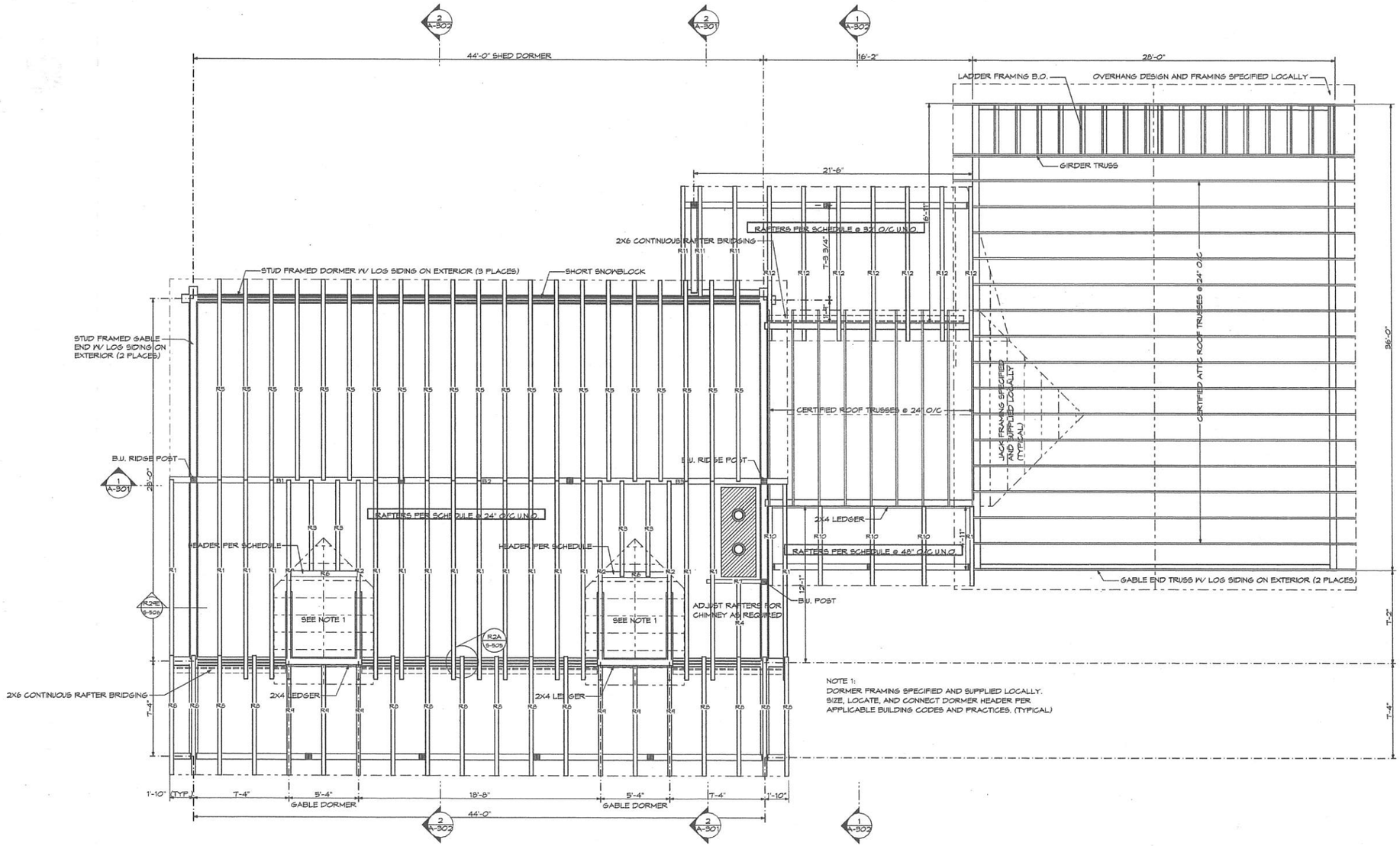
PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR 8
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

GIRDER AND JOIST PLAN

S-103

SHEET: 17 OF 25



NOTE 1:
DORMER FRAMING SPECIFIED AND SUPPLIED LOCALLY.
SIZE, LOCATE, AND CONNECT DORMER HEADER PER APPLICABLE BUILDING CODES AND PRACTICES. (TYPICAL)

1 RAFTER PLAN

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

0 2" 4" 8"

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CONSULTANTS:

STAMPS:

L-12992
KEVIN
ROY
BARRINGTON, NH

SQUARE FOOTAGE:

FIRST FLOOR:	1510 S.F.
SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
H	6/15/23	FINALS-ISSUED FOR CONST.	JMR	
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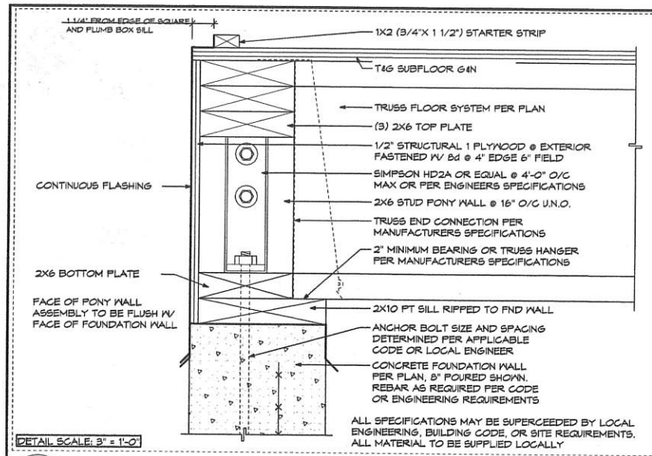
F	5/1/23	FULL SET	KEH	JC
E	4/17/23	FULL SET	KEH	JC
D	3/30/23	FULL SET	JMR	
C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:

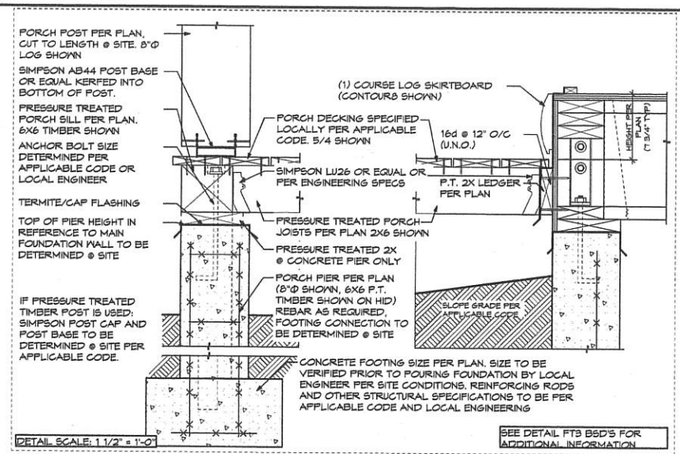
SHEET TITLE:

RAFTER PLAN

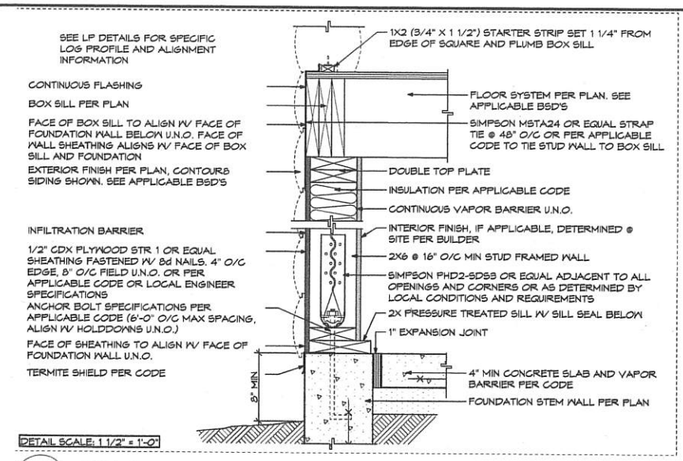
S-104
SHEET: 18 OF 25



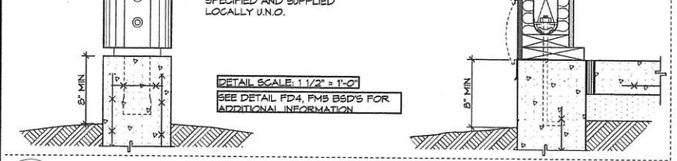
FT3 FLOOR TRUSS @ STUD PONY WALL W/ >12" TRUSSES



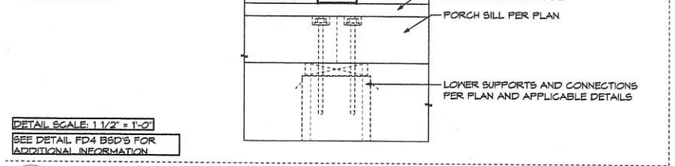
FT5 PORCH SILL W/ B.C.B. TRUSSES



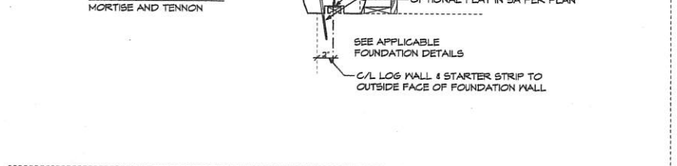
FM5 STUD FRAMED WALK-OUT BASEMENT W/



FM5A STUD FRAMED WALK-OUT BASEMENT W/ PORCH ABOVE



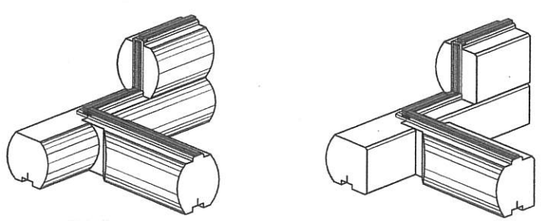
FM6 STANDARD PORCH CONNECTIONS-FRONT VIEW @ SUPPORT POST



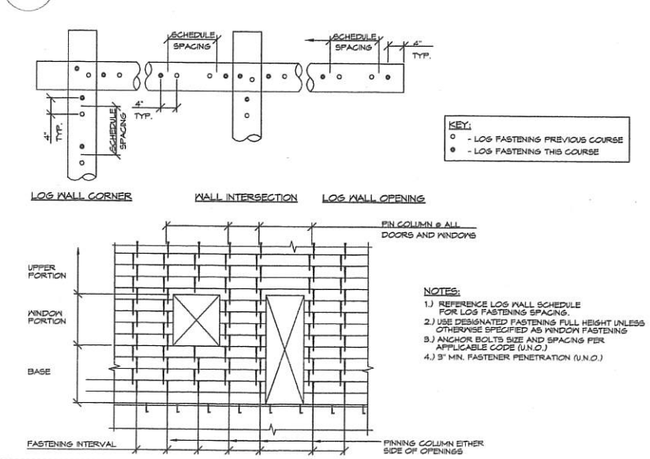
AVAILABLE SIZES:
8X6- 6 1/16" STACK HEIGHT
8X8- 7 1/16" STACK HEIGHT
8X12- 11" STACK HEIGHT
RUSTIC-
RANDOM WIDTH

CORNER OPTIONS:
MORTISE AND TENNON

LP1 CONTOUR PROFILE



LC1 MORTISE & TENNON CORNER



LF1 LOG WALL FASTENING

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CONSULTANTS:

STAMPS:

L-12992
KEVIN
ROY
BARRINGTON, NH

SQUARE FOOTAGE:

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SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

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B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR 8
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:
BUILDING SYSTEM DETAILS

S-501
SHEET: 19 OF 25

GENERAL NOTES:

1. STUD FRAMED PARTITION WALLS WHEN USED IN LOG STRUCTURES ARE NOT TO BE USED AS LOAD BEARING ASSEMBLIES.

2. AS THE LOG WALLS ARE DESIGNED TO SETTLE, THE STUD FRAMED PARTITION WALLS ARE TO BE ATTACHED TO ALLOW FOR THIS SETTLING. THIS IS DONE BY FASTENING THE PARTITION WALLS TO THE LOG WALLS THROUGH THE USE OF LAG SCREWS, (UNLESS NOTED OTHERWISE) SET IN SLIP GROOVES.

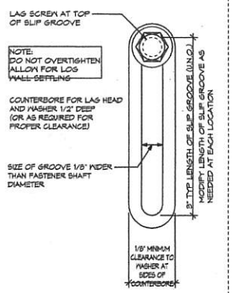
3. A SETTLING ALLOWANCE MUST ALSO BE ESTABLISHED BETWEEN THE TOP OF THE PARTITION WALLS AND THE BOTTOM OF THE STRUCTURE ABOVE, (USUALLY THE SECOND FLOOR FRAMING OR CEILING). THIS SPACE IS TYPICALLY A MAXIMUM OF 3". HOWEVER, THIS SPACE CAN VARY DEPENDING ON THE LOG PROFILE, TOTAL NUMBER OF COURSES, AND LOG SPECIES.

4. THE PARTITION WALLS ARE INSTALLED IN POCKETS THAT ARE TO BE CUT @ SITE INTO THE LOG WALLS. THESE POCKETS ARE TYPICALLY NOTCHED TO 1" BEFORE THE LOG WALL CENTERLINE. WHERE THERE IS A STRUCTURAL MEMBER DIRECTLY ABOVE THE PARTITION WALL, A CERTAIN AMOUNT OF LOG WALL MUST REMAIN UNNOTCHED TO ALLOW FOR SUFFICIENT BEARING OF THAT STRUCTURE.

5. SEE REAL LOG HOMES™ CONSTRUCTION MANUAL FOR ADDITIONAL INFORMATION AND SPECIFICATIONS.

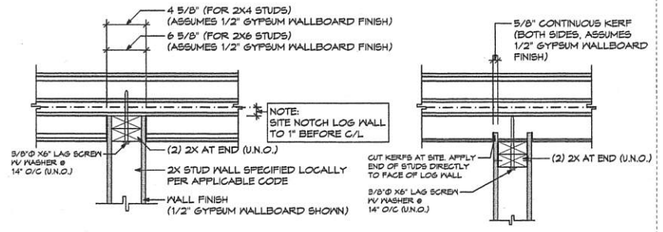
6. DETAIL NOTATION, (U.N.O.)=UNLESS NOTED OTHERWISE

THE DETAIL @ RIGHT SHOWS THE TYPICAL SLIP GROOVE CONFIGURATION FOR USE WITH SUBSEQUENT DETAILS PROVIDED IN THIS PACKAGE AS NOTED, ALONG WITH ADDITIONAL INFORMATION AND SPECIFICATIONS.



SLIP GROOVE

NOTE: TYPICAL CONFIGURATION SHOWN. SEE PLAN AND DETAILS FOR ADDITIONAL INFORMATION

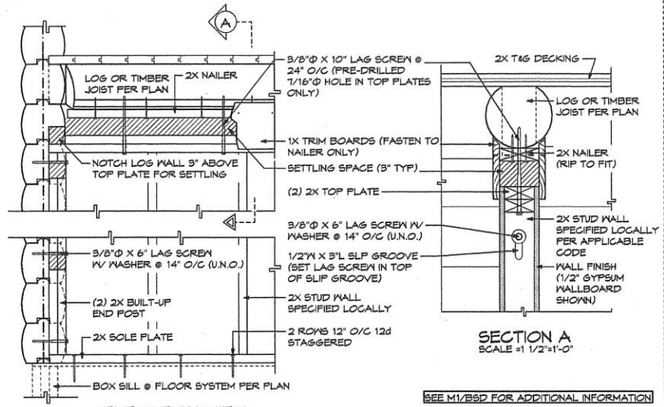


PLAN VIEW
TYPICAL CONFIGURATION

PLAN VIEW
OPTION W/ V-GROOVE
INTERIOR LOG WALLS

DETAIL SCALE: 1 1/2" = 1'-0"

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE



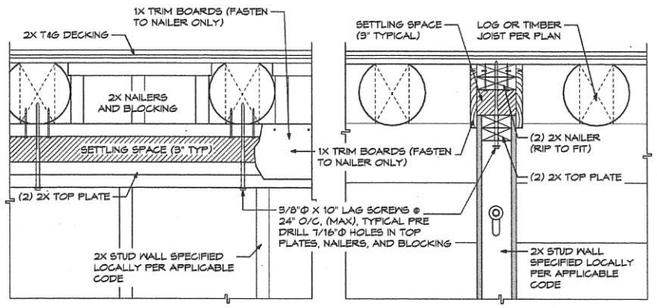
ELEVATION VIEW
SCALE =1"=1'-0"

SECTION A
SCALE =1 1/2"=1'-0"

SEE M1/B5D FOR ADDITIONAL INFORMATION

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

M1 STUD FRAMED PARTITION NOTES



STUD FRAMED WALL LOCATED PERPENDICULAR TO JOISTS ABOVE

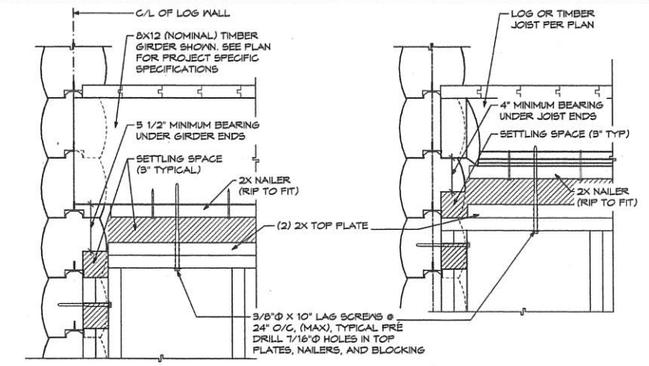
STUD FRAMED WALL LOCATED PARALLEL TO JOISTS ABOVE

SEE M1/B5D FOR ADDITIONAL INFORMATION

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

DETAIL SCALE: 1 1/2" = 1'-0"

M2 STUD WALL TO LOG WALL CONNECTION



MINIMUM BEARING FOR GIRDER ABOVE STUD WALL

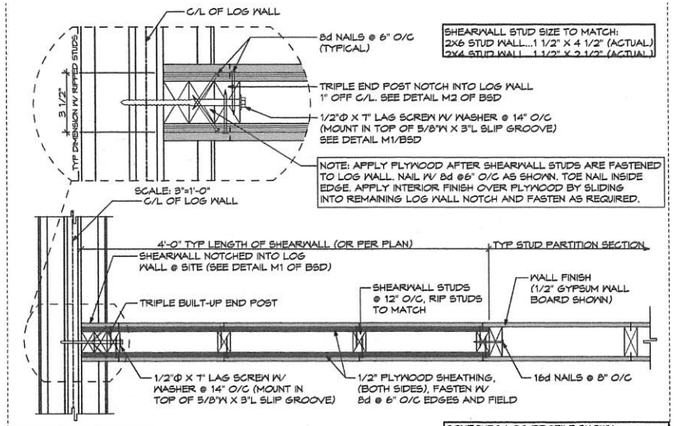
MINIMUM BEARING FOR JOISTS ABOVE STUD WALL

DETAIL SCALE: 1 1/2" = 1'-0"

SEE M1/B5D FOR ADDITIONAL INFORMATION

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

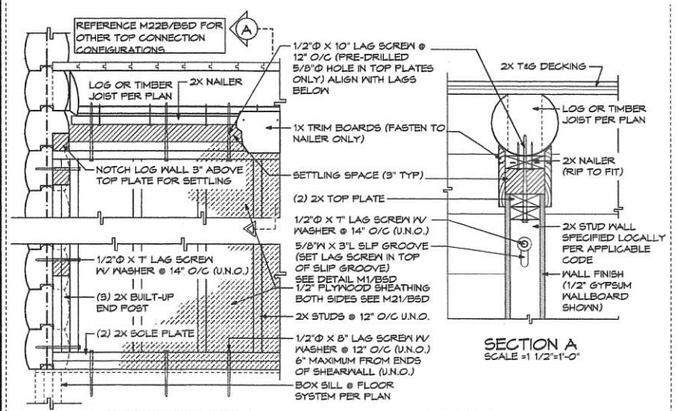
M3 STUD WALL CONNECTIONS



DETAIL SCALE: 1 1/2" = 1'-0"

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

M3A STUD WALL TOP CONNECTION W/ LOG OR TIMBER JOISTS ABOVE

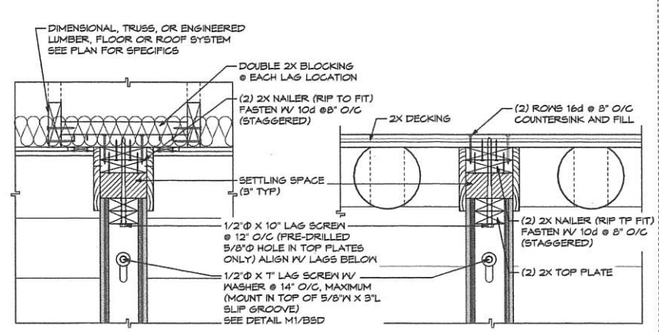


ELEVATION VIEW
SCALE =1"=1'-0"

SECTION A
SCALE =1 1/2"=1'-0"

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

M3B STUD WALL TO LOG WALL CONNECTIONS



TOP CONNECTION W/ DIMENSIONAL OR OTHER STRUCTURE ABOVE

TOP CONNECTION W/ LOG OR TIMBER SECOND FLOOR SYSTEM
(JOISTS NOT ALIGNED W/ SHEARWALL)

DETAIL SCALE: 1 1/2" = 1'-0"

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

M21 STUD FRAMED SHEARWALL-PLAN VIEW

M22 STUD FRAMED SHEARWALL

M22B STUD FRAMED SHEARWALL TOP CONNECTION

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CONSULTANTS:

STAMPS:

L-12992
KEVIN
ROY
BARRINGTON, NH

SQUARE FOOTAGE:

FIRST FLOOR:	1510 S.F.
SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

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0	3/31/22	ISSUED FOR REVIEW	JMR	JC

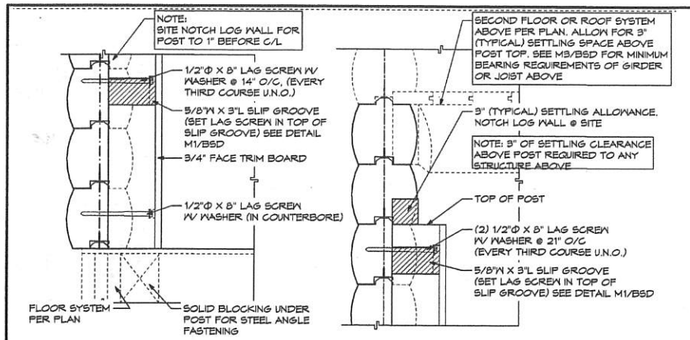
PROJECT NO:	L-12992
PROJECT NAME:	ROY
DEALER/RM:	MH
PROFILE:	CONTOUR B
CORNER STYLE:	MORTISE & TENON
CUSTOM:	

SHEET TITLE:

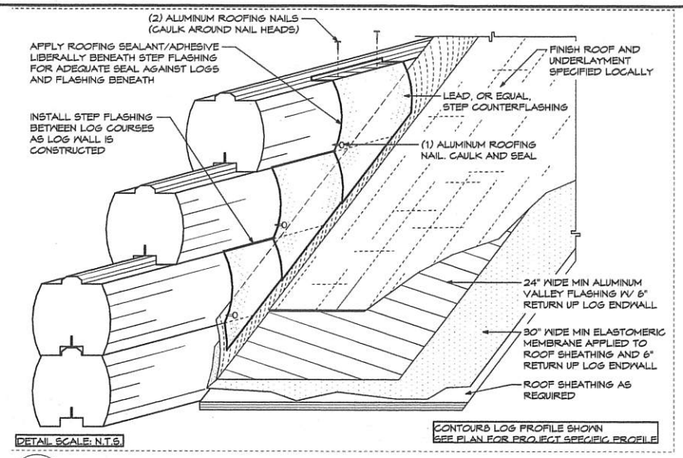
BUILDING SYSTEM DETAILS

S-502

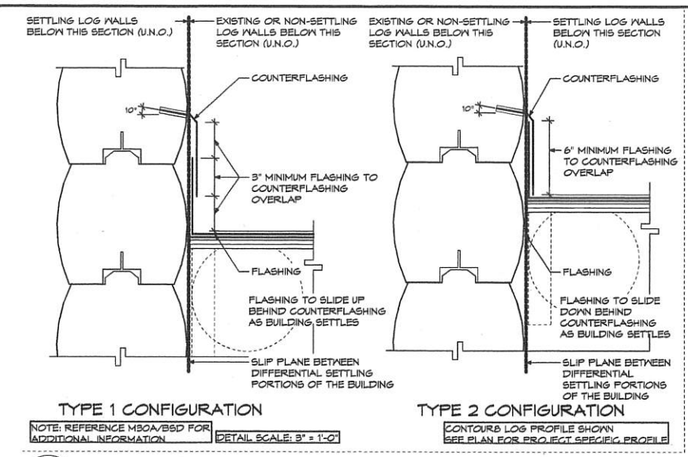
SHEET: 20 OF 25



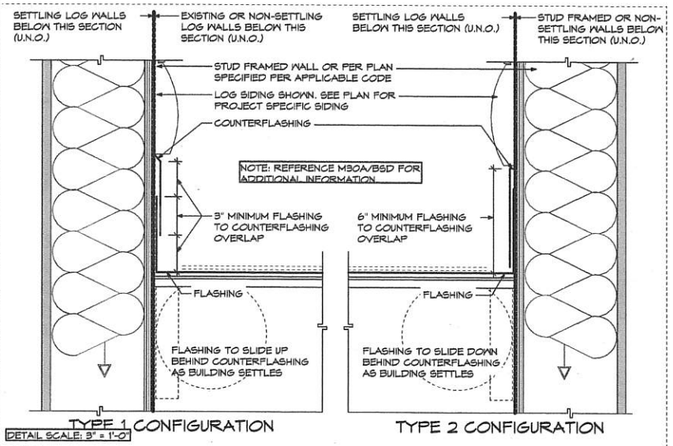
M24 STIFFENER POST CONNECTIONS



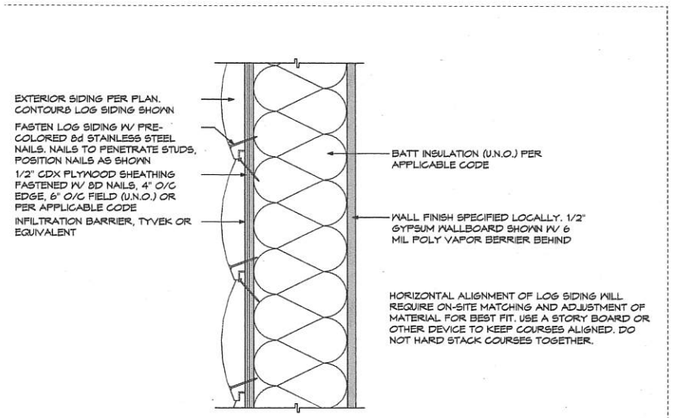
M30 LOG WALL STEP FLASHING



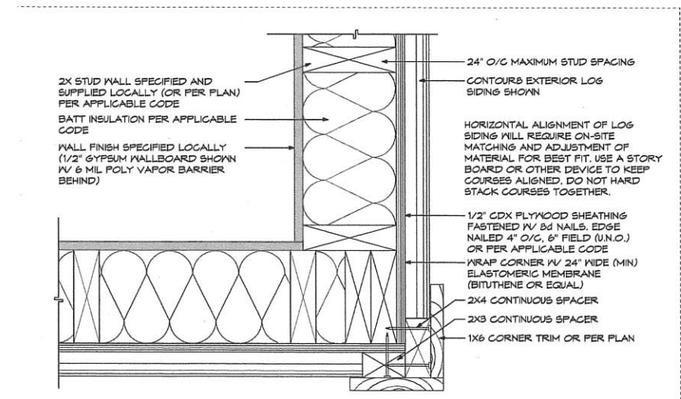
M30B FLASHING/COUNTERFLASHING OPTIONS



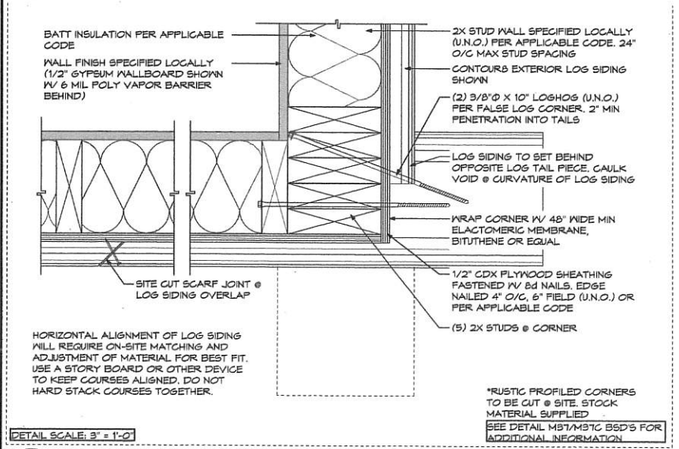
M30C FLASHING/COUNTERFLASHING OPTIONS @ STUD WALL



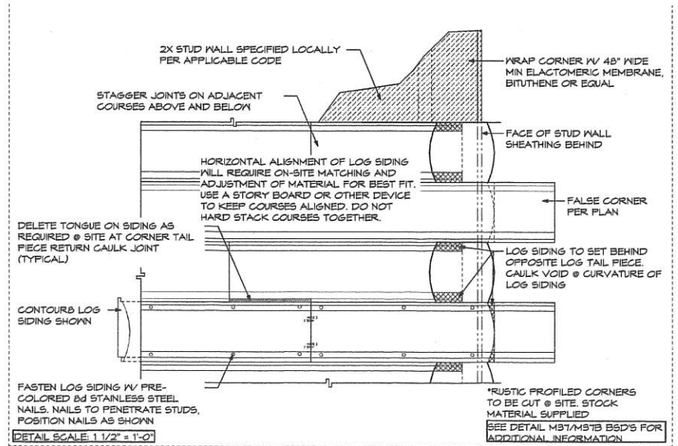
M37 LOG SIDING TO STUD WALL CONNECTION



M37A LOG SIDING TO STUD WALL @ CORNER



M37B LOG SIDING TO STUD WALL @ FALSE LOG CORNER



M37C FALSE LOG CORNERS W/ LOG SIDING

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CONSULTANTS:

STAMPS:

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KEVIN
ROY
BARRINGTON, NH

SQUARE FOOTAGE:

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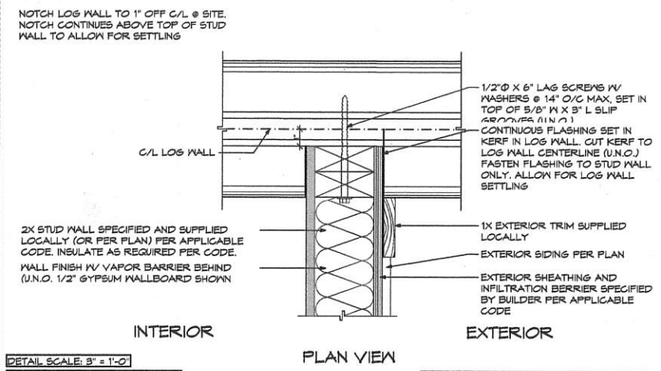
PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:
BUILDING SYSTEM DETAILS

S-503
SHEET: 21 OF 25

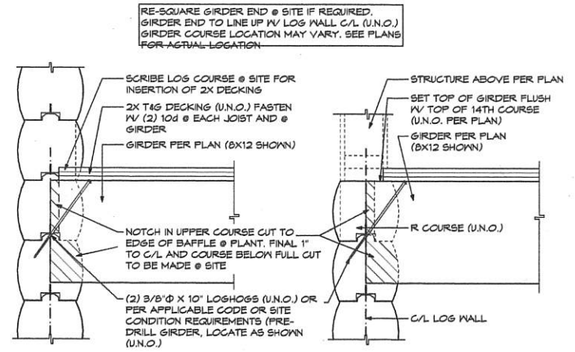


DETAIL SCALE: 3" = 1'-0"

REFERENCE M1, M2, MB/BSD FOR ADDITIONAL INFORMATION

CONTOURS LOG PROFILE SHOWN SEE PLAN FOR PROJECT SPECIFIC PROFILE

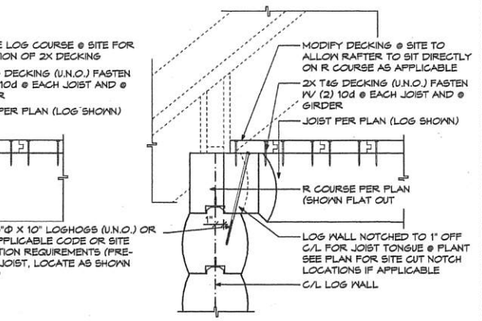
M47 EXTERIOR STUD WALL TO LOG WALL CONNECTION



DETAIL SCALE: 1 1/2" = 1'-0"

CONTOURS LOG PROFILE SHOWN SEE PLAN FOR PROJECT SPECIFIC PROFILE

JB4 TIMBER GIRDER @ LOG WALL



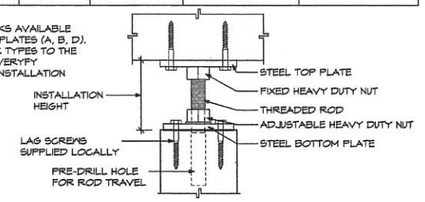
DETAIL SCALE: 1 1/2" = 1'-0"

CONTOURS LOG PROFILE SHOWN SEE PLAN FOR PROJECT SPECIFIC PROFILE

J41 LOG OR TIMBER JOIST @ LOG WALL

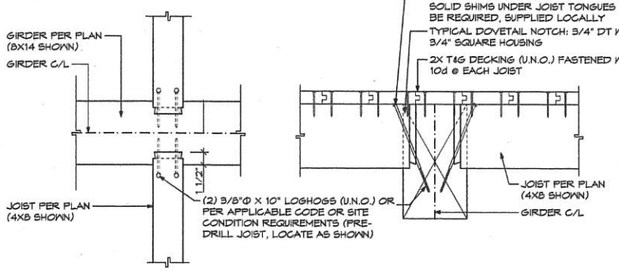
TYPE	DESIGN LOAD	THREADED ROD Ø AND NUT SIZE	BASE PLATE DIMENSIONS	ROD HOLE Ø AT BASE PLATE ONLY	TOP PLATE DIMENSIONS	LAG SIZE FOR BOTH BASE & TOP PLATES	OVERALL HEIGHT ALLOWANCE REQUIRED AT INSTALLATION
1	6,000 LBS	1 1/8"	3"X3"X3/8"	1 1/4"	A= 5" X 6" X 1/2" B= 7" X 6" X 1/2" D= 11" X 6" X 1/2"	3/8"Ø X 3 1/2"	6 3/4"
2	11,000 LBS	1 1/8"	5"X5"X1/2"	1 1/4"	A= 5" X 6" X 1/2" B= 7" X 6" X 1/2" D= 11" X 6" X 1/2"	3/8"Ø X 3 1/2"	7"
3	22,000 LBS	1 1/2"	6"X7"X5/8"	1 5/8"	A= 5" X 6" X 5/8" B= 7" X 6" X 5/8" D= 11" X 6" X 5/8"	1/2"Ø X 3 1/2"	8"
4	35,000 LBS	1 3/4"	7"X7"X3/4"	1 7/8"	A= 5" X 6" X 3/4" B= 7" X 6" X 3/4" D= 11" X 6" X 1"	5/8"Ø X 3 1/2"	9"

NOTE:
EACH OF THE FOUR TYPES OF SCREWJACKS AVAILABLE ARE PROVIDED WITH ONE OF THREE TOP PLATES (A, B, D). MATCH THE PLATE SIZES AND SCREWJACK TYPES TO THE PROJECT SPECIFIC DRAWING CALLOUTS. VERIFY ALL MATERIAL AND LOCATIONS BEFORE INSTALLATION



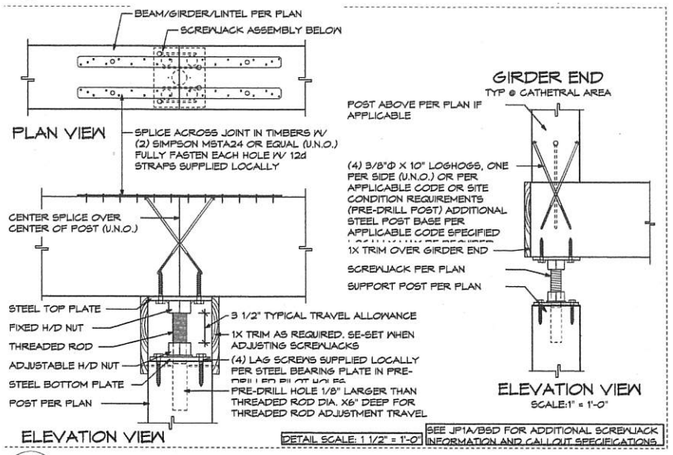
DETAIL SCALE: 1 1/2" = 1'-0"

JP1A SCREWJACK IDENTIFICATION



DETAIL SCALE: 1 1/2" = 1'-0"

JGBB TIMBER JOISTS @ TIMBER GIRDER



DETAIL SCALE: 1 1/2" = 1'-0"

SEE JP1A/BSD FOR ADDITIONAL SCREWJACK INFORMATION AND CALLOUT SPECIFICATIONS

JP1 GIRDER @ POST W/ SCREWJACK

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CONSULTANTS:

STAMPS:

L-12992
KEVIN
ROY
BARRINGTON, NH

SQUARE FOOTAGE:

FIRST FLOOR:	1510 S.F.
SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
H	6/15/23	FINALS-ISSUED FOR CONST.	JMR	
G	6/1/23	FINALS-ISSUED FOR CONST.	RKO	RKO
F	5/1/23	FULL SET	MEH	JC
E	4/17/23	FULL SET	MEH	JC
D	3/30/23	FULL SET	JMR	
C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:
BUILDING SYSTEM DETAILS

S-504
SHEET: 22 OF 25

1. INSTALLATION OF ALL MATERIALS TO BE PER APPLICABLE CODES AND PREVALING ENGINEERING STANDARDS, AND/OR LOCAL PROJECT SPECIFIC ENGINEERING. ALL MATERIALS AND CONNECTIONS NOT SPECIFIED IN THE DRAWINGS OR DETAILS SHALL MEET THOSE REQUIREMENTS.

2. REFER TO THE BUILDING SYSTEM DETAILS (BSD) FOR INSTALLATION INFORMATION CONCERNING SUPPLIED MATERIALS.

3. TYPICAL RIGID INSULATION SHOWN TO BE POLYISOCYANURATE, OR EQUAL (U.N.O.), MIN 5.5 R PER INCH. ACTUAL DEPTH AND TYPE OF INSULATION REQUIRED TO BE PER APPLICABLE CODES, PLAN NOTATIONS, OR SITE CONDITIONS.

4. FINISHED ROOFING AND UNDERLAYMENT TO BE SPECIFIED BY GENERAL CONTRACTOR PER APPLICABLE CODE. ADDITIONAL VENT SPACE UNDER ROOFING OR OTHER MATERIALS MAY BE REQUIRED PER MANUFACTURER AND APPLICABLE CODE. ELASTOMERIC MEMBRANE AT ALL ROOF EDGES, PEAKS, PITCH CHANGES, AND ROOF BREAKS, WIDTH PER MANUFACTURER'S SPECIFICATIONS OR SITE REQUIREMENTS. PLAN CALLOUT OF FINISHED ROOFING MATERIALS ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL SITE SPECIFIC MATERIAL SPECIFIED BY BUILDER.

5. CONTINUOUS 6 MIL POLY. VAPOR BARRIER REQUIRED BEHIND FINISHED CEILING OR 2X ROOF DECKING (U.N.O.) OVERLAP AND SEAL ALL EDGES AND BREAKS W/ BUILDING WRAP TAPE OR EQUIVILENT.

6. ROOF MEMBER FASTENING SHOWN IS BASED ON STANDARD LOADINGS, (SEE STRUCTURAL NOTES PAGE). SITE SPECIFIC LOADS OR LOCAL CODE SPECIFICATIONS MAY REQUIRE ADDITIONAL FASTENING, BLOCKING, FIREBLOCKING, STEEL CONNECTORS OR OTHER HARDWARE, TO BE SUPPLIED BY OWNER, ALL FASTENERS, EXCEPT AS NOTED IN THE BILL OF MATERIALS, ARE TO BE SUPPLIED BY THE OWNER.

7. ENGINEERED LUMBER TO BE INSTALLED PER MANUFACTURERS SPECIFICATIONS AND APPLICABLE CODE.

8. CERTIFIED ROOF TRUSSES, AS SHOWN PER PLAN, ARE FOR GENERAL LAYOUT PURPOSES ONLY. ACTUAL SPECIFICATION OF CHORD DEPTHS, TRUSS TYPES; RAISED HEEL DIMENSIONS, FASTENING OR OTHER REQUIREMENTS TO BE SPECIFIED BY MANUFACTURER AND CONTRACTOR PER APPLICABLE CODE. DO NOT BEAR TRUSSES ON INTERIOR PARTITIONS. ALLOW FOR LOG WALL SETTLING.

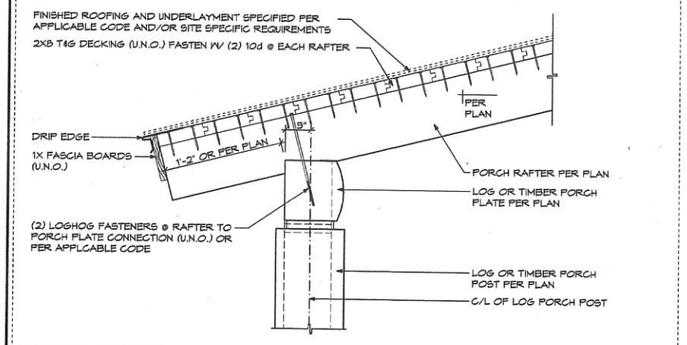
9. CERTAIN SUPPLIED MATERIALS MAY REQUIRE SITE CUTTING. SEE THE PROJECT PLANS, BSD'S, AND REAL LOG HOMES CONSTRUCTION MANUAL FOR SPECIFICS.

10. SEE THE REAL LOG HOMES CONSTRUCTION MANUAL FOR ADDITIONAL INFORMATION AND SPECIFICATIONS REGARDING ROOF ASSEMBLY.

11. ROOF OVERFRAMING, CRICKETS, JACK FRAMING, CALIFORNIA FRAMING, ETC. TO BE SPECIFIED BY LOCAL ENGINEER, AND/OR LICENCED CONTRACTOR. SPECIFICATION AND CONSTRUCTION OF THOSE ASSEMBLIES ARE NOT PART OF THE PROJECT DRAWING SET.

12. DETAIL NOTATION, (U.N.O.) = UNLESS NOTED OTHERWISE.

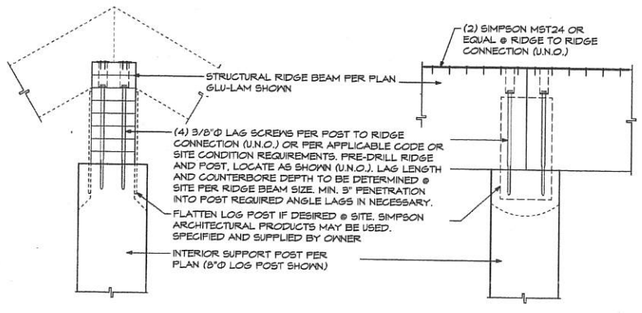
R1 ROOF SYSTEM GENERAL NOTES



DETAIL SCALE: 1 1/2" = 1'-0"
SEE DETAIL R1 BSD FOR ADDITIONAL INFORMATION

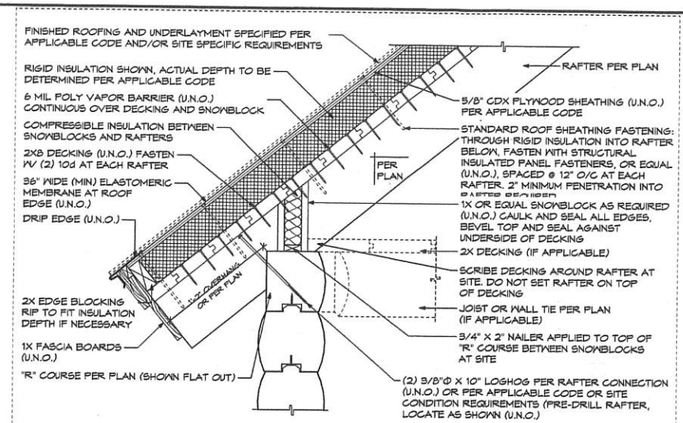
CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

R5 PORCH RAFTER CONNECTION @ PORCH PLATE



DETAIL SCALE: 1 1/2" = 1'-0"

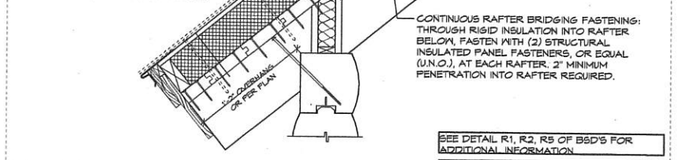
R26 RIDGE BEAM TO POST CONECTION



DETAIL SCALE: 1 1/2" = 1'-0"

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

R2 BIRDSMOUTH RAFTER CONNECTION @ LOG WALL

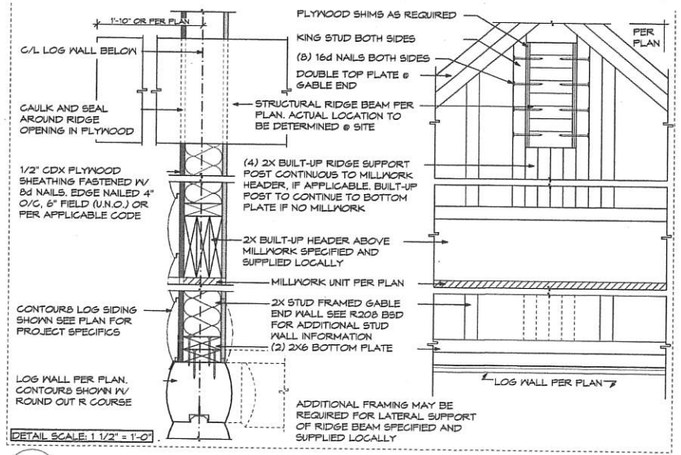


DETAIL SCALE: 1 1/2" = 1'-0"

SEE DETAIL R1, R2, R5 OF BSD'S FOR ADDITIONAL INFORMATION

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

R6 LAY-ON PORCH RAFTER CONNECTION TO MAIN ROOF

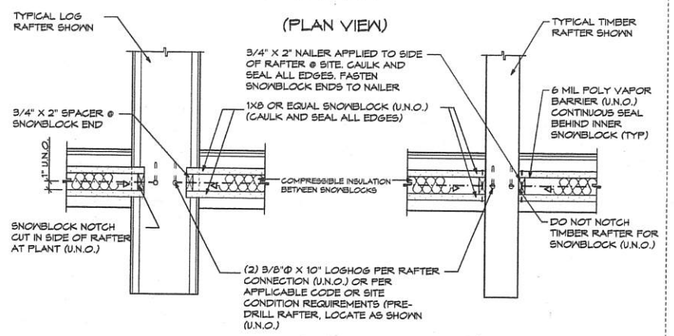


DETAIL SCALE: 1 1/2" = 1'-0"

R28A STRUCTURAL RIDGE @ STUD GABLE END

INTERIOR

(PLAN VIEW)

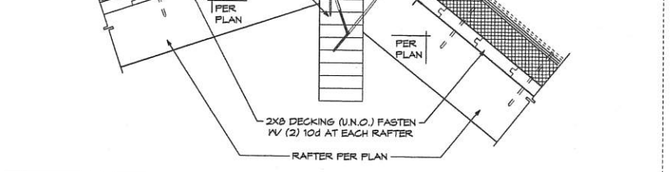


EXTERIOR

DETAIL SCALE: 1 1/2" = 1'-0"
SEE DETAIL R1/R2 BSD FOR ADDITIONAL INFORMATION

CONTOURS LOG PROFILE SHOWN
SEE PLAN FOR PROJECT SPECIFIC PROFILE

R2A BIRDSMOUTH RAFTER CONNECTION @ LOG WALL



DETAIL SCALE: 1 1/2" = 1'-0"

R24A DORMER RAFTER TO STRUCTURAL RIDGE CONNECTION

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CONSULTANTS:

STAMPS:

L-12992
KEVIN
ROY
BARRINGTON, NH

SQUARE FOOTAGE:

FIRST FLOOR:	1510 S.F.
SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
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E	4/17/23	FULL SET	WEH	JC
D	3/30/23	FULL SET	JMR	
C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
O	3/31/22	ISSUED FOR REVIEW	JMR	JC

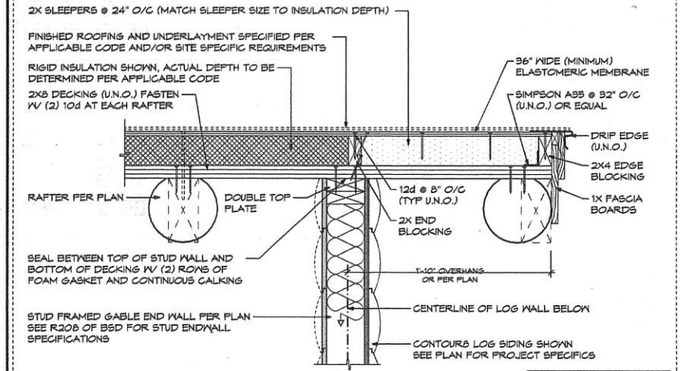
PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR B
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

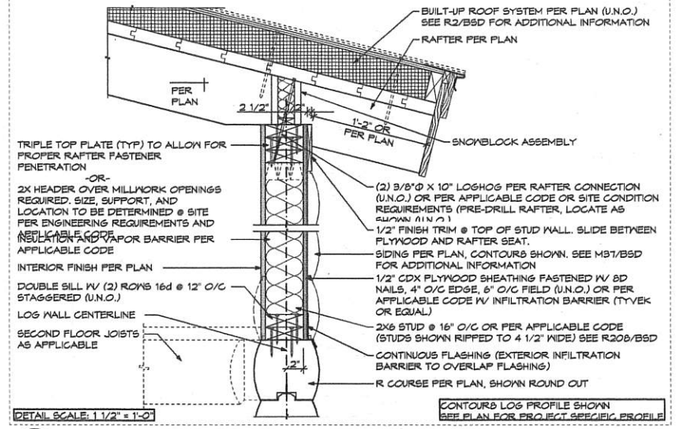
BUILDING SYSTEM DETAILS

S-505

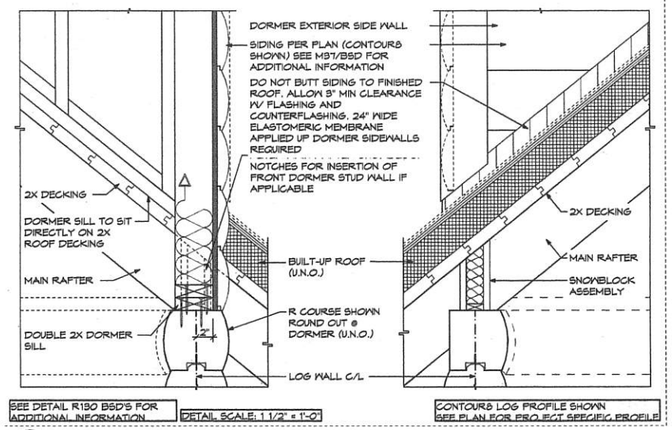
SHEET: 23 OF 25



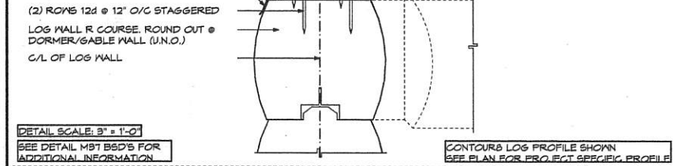
R29E GABLE END RAKE W/ STUD FRAMED GABLE & BARGE RAFTER



R130 STUD FRAMED DORMER WALL-TYPICAL SECTION



R131 STUD FRAMED DORMER WALL-TYPICAL SECTIONS



R208 STUD WALL TO LOG WALL CONNECTION

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L-12992
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BARRINGTON, NH

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C	3/9/23	FULL SET	JMR	JC
B	5/9/22	ISSUED FOR REVIEW	JMR	JMR
A	4/22/22	ISSUED FOR REVIEW	JMR	JC
0	3/31/22	ISSUED FOR REVIEW	JMR	JC

PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR 8
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

BUILDING SYSTEM DETAILS

S-506

SHEET: 24 OF 25

POST AND SCREWJACK SCHEDULE

QUANTITY	LABEL	MATERIAL TYPE	NOMINAL SIZE	ACTUAL WIDTH	ACTUAL DEPTH	DIAMETER	STOCK LENGTH	SPECIES	LAYUP	SCREWJACK	SCREWJACK LOCATION	REMARKS
2	P1	TIMBER	6X6	5 1/2"	5 1/2"	-	8'-0"	DFL SS	-	2B	ABOVE	CUT ON SITE
9	P2	TIMBER	6X6	5 1/2"	5 1/2"	-	10'-0"	DFL SS	-	-	-	SHIMS REQUIRED FOR SETTLING, CUT ON SITE
3	P3	TIMBER	6X6	5 1/2"	5 1/2"	-	10'-0"	DFL SS	-	-	-	SHIMS REQUIRED FOR SETTLING, CUT ON SITE
1	P4	TIMBER	6X6	5 1/2"	5 1/2"	-	12'-0"	DFL SS	-	-	-	SHIMS REQUIRED FOR SETTLING, CUT ON SITE
1	P5	TIMBER	6X6	5 1/2"	5 1/2"	-	12'-0"	DFL SS	-	-	-	SHIMS REQUIRED FOR SETTLING, CUT ON SITE
1	P6	TIMBER	4X6	3 1/2"	5 1/2"	-	8'-0"	DFL SS	-	-	-	SHIMS REQUIRED FOR SETTLING, CUT ON SITE
2	P7	TIMBER	6X6	5 1/2"	5 1/2"	-	12'-0"	DFL SS	-	-	-	STIFFENER POST, CUT ON SITE
14	W1	TIMBER	4X4	3 1/2"	3 1/2"	-	4'-0"	-	-	-	-	CUT ON SITE
												STOCK MATERIAL SUPPLIED, CUT ON SITE

GIRDER AND LINTEL SCHEDULE

QUANTITY	LABEL	CALLOUT	MATERIAL TYPE	NOMINAL SIZE	ACTUAL WIDTH	ACTUAL HEIGHT	DIAMETER	ACTUAL LENGTH	SPECIES	LAY-UP	REMARKS
1	G1	GIRDER	TIMBER	8X14	7 1/2"	13 1/2"	-	16'-0"	DFL SS	-	
1	G2	GIRDER	TIMBER	8X14	7 1/2"	13 1/2"	-	13'-0"	DFL SS	-	
1	G3	GIRDER	TIMBER	8X14	7 1/2"	13 1/2"	-	15'-0"	DFL SS	-	

JOIST SCHEDULE

QUANTITY	LABEL	CALLOUT	MATERIAL TYPE	NOMINAL SIZE	ACTUAL WIDTH	ACTUAL HEIGHT	DIAMETER	ACTUAL LENGTH	SPECIES	TONGUE 1	TONGUE 2	REMARKS
20	J1	JOIST	TIMBER	4X8	3 1/2"	7 1/2"	-	13'-8 3/4"	DFL SS	3 1/2 X 7 1/16T	DT	

PORCH PLATE SCHEDULE

QUANTITY	LABEL	CALLOUT	MATERIAL TYPE	NOMINAL SIZE	ACTUAL WIDTH	ACTUAL HEIGHT	DIAMETER	ACTUAL LENGTH	SPECIES	TONGUE 1	TONGUE 2	REMARKS
1	PP-1	PORCH PLATE	TIMBER	6X8	5 1/2"	7 1/2"	-	10'-8"	DFL SS	N.A.	N.A.	
1	PP-2	PORCH PLATE	TIMBER	6X8	5 1/2"	7 1/2"	-	8'-4"	DFL SS	N.A.	N.A.	
1	PP-3	PORCH PLATE	TIMBER	6X8	5 1/2"	7 1/2"	-	8'-10"	DFL SS	N.A.	N.A.	
1	PP-4	PORCH PLATE	TIMBER	6X8	5 1/2"	7 1/2"	-	8'-4"	DFL SS	N.A.	N.A.	
1	PP-5	PORCH PLATE	TIMBER	6X8	5 1/2"	7 1/2"	-	10'-8"	DFL SS	N.A.	N.A.	
1	PP-6	PORCH PLATE	TIMBER	6X8	5 1/2"	7 1/2"	-	7'-10"	DFL SS	N.A.	N.A.	
1	PP-7	PORCH PLATE	TIMBER	6X8	5 1/2"	7 1/2"	-	8'-0"	DFL SS	N.A.	N.A.	
1	PP-8	PORCH PLATE	TIMBER	6X8	5 1/2"	7 1/2"	-	8'-0"	DFL SS	N.A.	N.A.	
1	PP-9	PORCH PLATE	TIMBER	6X8	5 1/2"	7 1/2"	-	8'-9 1/8"	DFL SS	N.A.	N.A.	
1	PP-10	PORCH PLATE	TIMBER	6X8	5 1/2"	7 1/2"	-	11'-3"	DFL SS	N.A.	N.A.	
1	PP-11	PORCH PLATE	TIMBER	6X8	5 1/2"	7 1/2"	-	11'-9"	DFL SS	N.A.	N.A.	

BEAM SCHEDULE

QUANTITY	LABEL	CALLOUT	MATERIAL TYPE	NOMINAL SIZE	ACTUAL WIDTH	ACTUAL HEIGHT	DIAMETER	ACTUAL LENGTH	SPECIES	LAYUP	REMARKS
1	B1	RIDGE BEAM	TIMBER	6X14	5 1/2"	13 1/2"	---	18'-0"	DFL SS	-	CUT ON SITE
1	B2	RIDGE BEAM	TIMBER	6X14	5 1/2"	13 1/2"	---	14'-0"	DFL SS	-	CUT ON SITE
1	B3	RIDGE BEAM	TIMBER	6X14	5 1/2"	13 1/2"	---	16'-0"	DFL SS	-	CUT ON SITE

RAFTER SCHEDULE

QUANTITY	LABEL	CALLOUT	MATERIAL TYPE	NOMINAL SIZE	ACTUAL WIDTH	ACTUAL HEIGHT	DIAMETER	ACTUAL LENGTH	SPECIES	LAYUP	S.O.S. (PLATE)	REMARKS
16	R1	MAIN	TIMBER	4X8	3 1/2"	7 1/2"	-	14'-11 15/16"	DFL SS	-	4"	
4	R2	MAIN	TIMBER	4X10	3 1/2"	9 1/2"	-	14'-11 15/16"	DFL SS	-	4"	
4	R3	FILL	TIMBER	4X8	3 1/2"	7 1/2"	-	12'-0"	DFL SS	-	4"	CUT ON SITE
1	R4	FILL	TIMBER	4X8	3 1/2"	7 1/2"	-	12'-0"	DFL SS	-	4"	CUT ON SITE
21	R5	DORMER	TIMBER	4X8	3 1/2"	7 1/2"	-	16'-4 1/16"	DFL SS	-	5 1/2"	
2	R6	HEADER	TIMBER	6X8	5 1/2"	7 1/2"	-	8'-0"	DFL SS	-	---	CUT ON SITE
1	R7	HEADER	TIMBER	4X8	3 1/2"	7 1/2"	-	8'-0"	DFL SS	-	---	CUT ON SITE
14	R8	"LAY-ON" PORCH	TIMBER	4X6	3 1/2"	5 1/2"	-	12'-0"	DFL SS	-	4"	CUT ON SITE
6	R9	PORCH	TIMBER	4X6	3 1/2"	5 1/2"	-	8'-9 7/16"	DFL SS	-	4"	
5	R10	PORCH	TIMBER	4X6	3 1/2"	5 1/2"	-	6'-3 13/16"	DFL SS	-	4 1/4"	
3	R11	PORCH	TIMBER	4X6	3 1/2"	5 1/2"	-	6'-3 13/16"	DFL SS	-	4 1/4"	
7	R12	"LAY-ON" PORCH	TIMBER	4X6	3 1/2"	5 1/2"	-	14'-0"	DFL SS	-	4 1/4"	CUT ON SITE

* STAIR PACKAGE INCLUDES:
-(3) 12'-6" 1/2 Log Tread
-(1) 8'-0" 1/2 Log Tread
-(2) 16'-0" 4x12 Timber Stringer

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CONSULTANTS:

STAMPS:

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BARRINGTON, NH

SQUARE FOOTAGE:

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SECOND FLOOR:	1275 S.F.
BASEMENT:	1510 S.F.
GARAGE:	1017 S.F.

NO.	DATE	DESCRIPTION	BY	APP
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PROJECT NO: L-12992
PROJECT NAME: ROY
DEALER/RM: MH
PROFILE: CONTOUR 8
CORNER STYLE: MORTISE & TENON
CUSTOM:

SHEET TITLE:

SCHEDULES

S-601
SHEET: 25 OF 25