

ROOF TRUSS REQUIREMENTS

TRUSS DESIGN. Trusses to be designed and engineered in accordance with local codes. Any trusses with these drawings must be brought to Haynes Home Plans, Inc. attention before construction begins.

KNEE WALL AND CEILING HEIGHTS. All finished knee wall heights and ceiling heights are shown finished down 1/2" from roof decking for insulation. If for any reason the truss manufacturer fails to meet or exceed design-detailed knee heights, finished knee wall heights, or finished ceiling heights shown on these drawings the finished ceiling height may vary. Any discrepancy must be brought to Haynes Home Plans, Inc. attention, so a suitable solution can be reached before construction begins. Any variation due to these conditions not being met is the responsibility of the truss manufacturer.

ANCHORAGE. All required anchors for trusses due to uplift or bearing must meet the requirements as specified on the truss schedule.

BEARING. All trusses must be designed for bearing on girt 2.2 plates or larger unless noted otherwise.

Peak Heights & Riser Systems. See elevation page(s) for peak heights and riser system indications.

STRUCTURAL NOTES

All construction shall conform to the latest requirements of the 2018 International Residential Building Code, plus all local codes and regulations. This document is to be used in conjunction with the other drawings.

2018 SITE PRACTICES AND SAFETY: Haynes Home Plans, Inc. assumes no liability for contractors' practices and procedures or safety program. Haynes Home Plans, Inc. takes no responsibility for the contractor's failure to carry out the construction work in accordance with the contract documents. All members must be trained, insured, and bonded in accordance with good construction practice and the building codes.

USE	LINE LOAD (PSF)	EQUID. LOAD (PSF)	DEFLECTION (IN.)
Areas without storage	10	20	L/240
Areas with limited storage	20	40	L/240
Areas with full storage	40	80	L/240
Attics and decks	40	80	L/240
Fire escapes	40	80	L/240
Garage and basements	200	200	---
General roof components	50	50	L/240
Parapets, utility porches	50	50	L/240
Roofs other than living	20	20	L/240
Shedding rooms	40	40	L/240
Slopes	20	20	L/240

RANKING LUMBER: All non-bearing framing lumber shall be SYP #2 (P) = 8/5 (P) or SYP #2 (P) = 7/5 (P) and all structural lumber shall be SYP #2 (P) = 7/5 (P) unless noted otherwise.

ENGINEERED WOOD BEAMS: Laminated veneer lumber (LVL) = P-1500 (P), P-2000 (P), E-1.5 (P), E-2.0 (P), E-2.5 (P), E-3.0 (P), E-3.5 (P), E-4.0 (P), E-4.5 (P), E-5.0 (P), E-5.5 (P), E-6.0 (P), E-6.5 (P), E-7.0 (P), E-7.5 (P), E-8.0 (P), E-8.5 (P), E-9.0 (P), E-9.5 (P), E-10.0 (P), E-10.5 (P), E-11.0 (P), E-11.5 (P), E-12.0 (P), E-12.5 (P), E-13.0 (P), E-13.5 (P), E-14.0 (P), E-14.5 (P), E-15.0 (P), E-15.5 (P), E-16.0 (P), E-16.5 (P), E-17.0 (P), E-17.5 (P), E-18.0 (P), E-18.5 (P), E-19.0 (P), E-19.5 (P), E-20.0 (P), E-20.5 (P), E-21.0 (P), E-21.5 (P), E-22.0 (P), E-22.5 (P), E-23.0 (P), E-23.5 (P), E-24.0 (P), E-24.5 (P), E-25.0 (P), E-25.5 (P), E-26.0 (P), E-26.5 (P), E-27.0 (P), E-27.5 (P), E-28.0 (P), E-28.5 (P), E-29.0 (P), E-29.5 (P), E-30.0 (P), E-30.5 (P), E-31.0 (P), E-31.5 (P), E-32.0 (P), E-32.5 (P), E-33.0 (P), E-33.5 (P), E-34.0 (P), E-34.5 (P), E-35.0 (P), E-35.5 (P), E-36.0 (P), E-36.5 (P), E-37.0 (P), E-37.5 (P), E-38.0 (P), E-38.5 (P), E-39.0 (P), E-39.5 (P), E-40.0 (P), E-40.5 (P), E-41.0 (P), E-41.5 (P), E-42.0 (P), E-42.5 (P), E-43.0 (P), E-43.5 (P), E-44.0 (P), E-44.5 (P), E-45.0 (P), E-45.5 (P), E-46.0 (P), E-46.5 (P), E-47.0 (P), E-47.5 (P), E-48.0 (P), E-48.5 (P), E-49.0 (P), E-49.5 (P), E-50.0 (P), E-50.5 (P), E-51.0 (P), E-51.5 (P), E-52.0 (P), E-52.5 (P), E-53.0 (P), E-53.5 (P), E-54.0 (P), E-54.5 (P), E-55.0 (P), E-55.5 (P), E-56.0 (P), E-56.5 (P), E-57.0 (P), E-57.5 (P), E-58.0 (P), E-58.5 (P), E-59.0 (P), E-59.5 (P), E-60.0 (P), E-60.5 (P), E-61.0 (P), E-61.5 (P), E-62.0 (P), E-62.5 (P), E-63.0 (P), E-63.5 (P), E-64.0 (P), E-64.5 (P), E-65.0 (P), E-65.5 (P), E-66.0 (P), E-66.5 (P), E-67.0 (P), E-67.5 (P), E-68.0 (P), E-68.5 (P), E-69.0 (P), E-69.5 (P), E-70.0 (P), E-70.5 (P), E-71.0 (P), E-71.5 (P), E-72.0 (P), E-72.5 (P), E-73.0 (P), E-73.5 (P), E-74.0 (P), E-74.5 (P), E-75.0 (P), E-75.5 (P), E-76.0 (P), E-76.5 (P), E-77.0 (P), E-77.5 (P), E-78.0 (P), E-78.5 (P), E-79.0 (P), E-79.5 (P), E-80.0 (P), E-80.5 (P), E-81.0 (P), E-81.5 (P), E-82.0 (P), E-82.5 (P), E-83.0 (P), E-83.5 (P), E-84.0 (P), E-84.5 (P), E-85.0 (P), E-85.5 (P), E-86.0 (P), E-86.5 (P), E-87.0 (P), E-87.5 (P), E-88.0 (P), E-88.5 (P), E-89.0 (P), E-89.5 (P), E-90.0 (P), E-90.5 (P), E-91.0 (P), E-91.5 (P), E-92.0 (P), E-92.5 (P), E-93.0 (P), E-93.5 (P), E-94.0 (P), E-94.5 (P), E-95.0 (P), E-95.5 (P), E-96.0 (P), E-96.5 (P), E-97.0 (P), E-97.5 (P), E-98.0 (P), E-98.5 (P), E-99.0 (P), E-99.5 (P), E-100.0 (P).

ATTIC ACCESS

SECTION 8007: An attic access opening shall be provided to the area that exceeds 400 square feet (37.25 sq) and have a vertical height of 60 inches (5'0" min) or greater. The net clear opening shall not be less than 20 inches (508 mm) by 24 inches and shall be located in a hallway or other readily accessible location. A 30-inch (762 mm) minimum unobstructed headroom in the attic space shall be provided at some point above the access opening. See Section 81205.1.3 for access requirements where mechanical equipment is located in attics.

Exceptions:

1. Concealed areas not located over the main structure including porches, areas below knee walls, dormers, bay windows, etc.
2. All doors shall swing, springs, hardware, and hardware may protrude into the net clear opening.

EXTERIOR HEADERS

(2) 2 X 6 WITH 1 JACK STUD EACH END UNLESS NOTED OTHERWISE

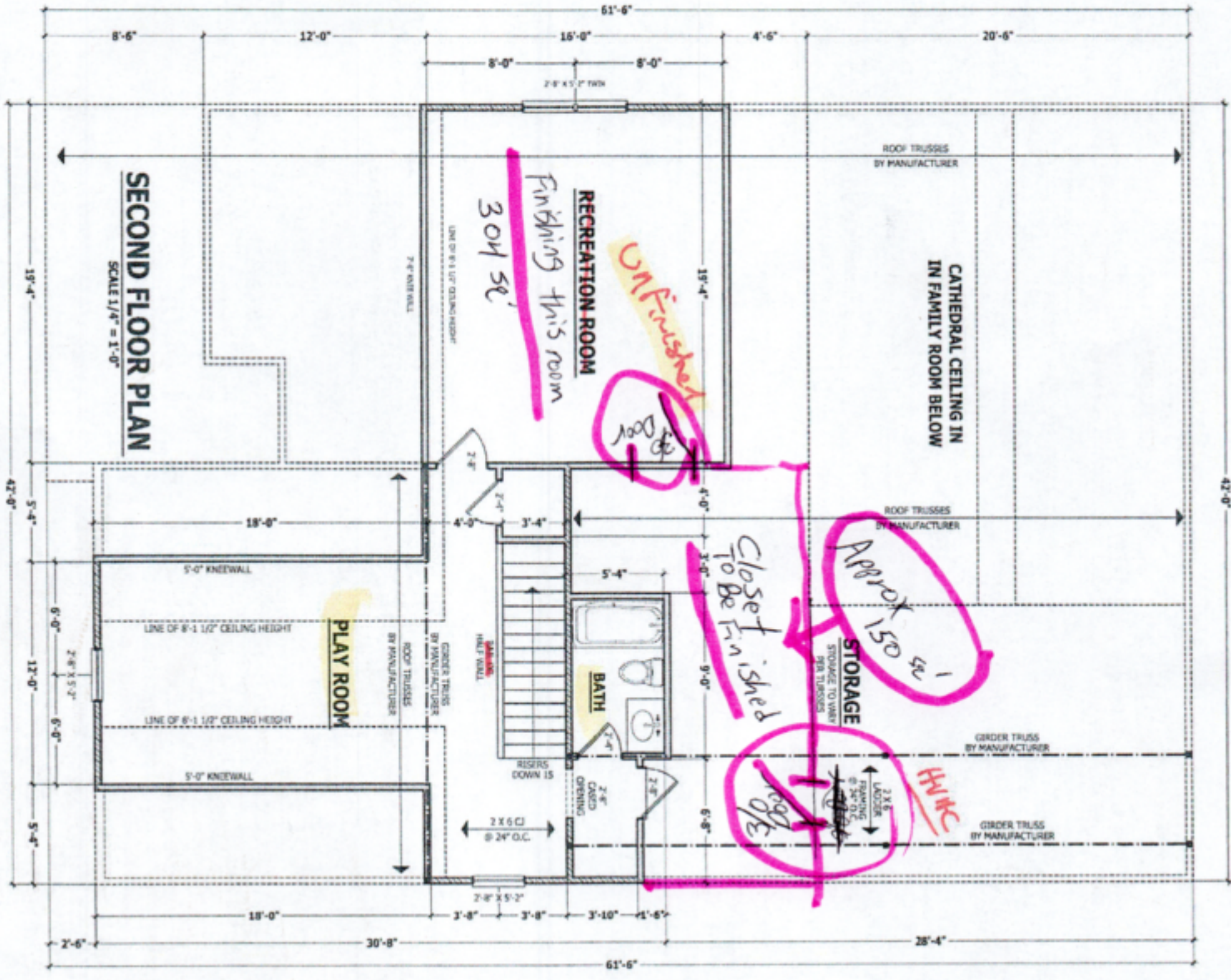
1 KING STUD EACH END PER TABLE BELOW

HEADER SIZE	1	2	3	4	5	6
1 X 6	1	2	3	4	5	6

INTERIOR HEADERS

LOAD BEARING HEADERS (2) 2 X 6 WITH 1 JACK STUD AND 1 KING STUD EACH END UNLESS NOTED OTHERWISE

NON LOAD BEARING HEADERS TO BE LADDER FRAMED



SECOND FLOOR PLAN
The Lauren H

HAYNES WEAVER HOMES
HOME PLANS, INC.