



New Homestead USA

Materials Guide



Explanation of Quality Grades



All logs are
not created
equal...

#1 Grade

Materials are saw-kerfed to provide a stress relief as the product is drying. This allows the log to dry faster and controls warping and the appearance of large checks in the finished product. This product is of the highest standard for facial integrity and structural strength, with the greatest longevity. Wall logs are kiln-dried or air-dried to the moisture range of 20%. Rafters may be of a higher moisture content.

See more grades on page 5

#2 Grade

Materials are of a high average industry grade. The logs are generally cut from dead standing trees that are harvested within a year or two after they die. This allows the tree to dry to a moisture level of 15% to 23%. #2 Grade logs usually have very little warp because drying takes place while the tree is still standing. Check sizes are larger than that of the #1 Grade, since the stress has already been released. #2 Grade wall logs and rafters are sound and second only to the #1 Grade in structural strength and facial beauty.

#3 Grade

Materials are generally milled from dead wood that has seasoned for some time. Larger checks are allowed, as well as larger knots. The product is widely used in the industry for wall logs, but is not recommended for high snow load structural rafters. The product works well in dry climates, but does not have longevity to withstand wet climates. M-30 rustic wall logs are rough sawn. Some dry rot, bug holes and spiral checks may be in the product. Some bark and planer skips may be visible. End trim cuts and lumber wrap are extra.

Green logs

Materials are considered to have a moisture level over 30% and may contain pitch. This product may be used for rafters or beams, where settling is not a large concern. When green products are used for wall logs, adjustments need to be made in construction to deal with settling. Prices for green logs are bid on a daily basis.



Large Logs & Specialty Items

Here are a few products that are offered that may fit your custom needs:

1. Large and long logs from 12" up to 48" in diameter in lengths up to 40' plus, in most western species with structural grading available. Hand crafted and machine crafted; hand hewing is optional on all log products.
2. Structural log trusses – engineered to your specifications.
3. Corners for log walls and siding in saddle notch, butt & pass, dovetail.
4. Douglas fir and pine flooring and wall panels in 1x6, 1x8, 1x10 & 1x12.
5. Douglas fir and pine loft deck and roof sheathing in 2x6 ,2x8 & 2x10.
6. Windows and doors available from major companies.
7. Insulation sheets, 4x8 with OSB board one side.
8. Western Red Cedar products for trim and fascia boards.
9. Sapwood lathe logs 8" through 16" diameters in Swedish cope or round.

We can take any floor plan and custom fit our materials to your plan or you can elect to use one of our design and drafting partners.

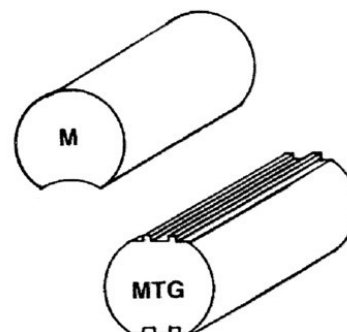
Materials bids are good for 30 days. Size and delivery schedules may effect the pricing. Most orders can usually be produced in 40-60 days after order has been received. This time may be less on stock items and more on kiln-dried large logs. Most all western species are offered in two or three grades.

Materials Guide

MACHINED LOGS

"M" (Swedish Cope), "MTG" (Machined Tongue & Groove) Wall logs

Series	Series	Dia.	Stack Ht.	Courses/8'
600M	600MTG	6"	5"	19
800M	800MTG	7-1/2"	6-5/8"	14
1000M	1000MTG	9-1/2"	8-5/8"	11
1200M	1200MTG	11-1/2"	10-5/8"	9



"MRD" 1/2" Machined Round Half Logs

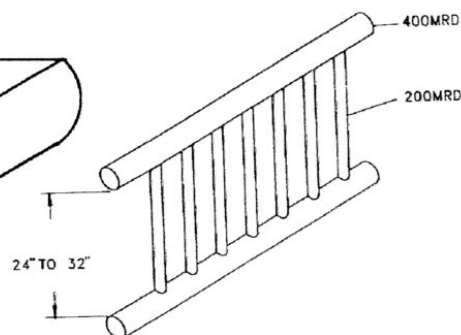
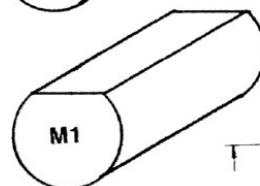
Used for stair treads & horses, ceiling beams, Swedish Cope starter course

Series	Width
600MRD1/2	6"
800MRD1/2	7-1/2"
1000MRD1/2	9-1/2"
1200MRD1/2	11-1/2"



"M1" Machined Log Beams, Rafters

Series	Flat to Round	Width
800M1	7"	7-1/2"
1000M1	9"	9-1/2"
1200M1	11"	11-1/2"

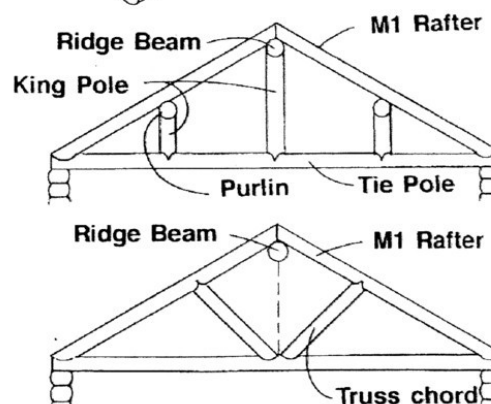
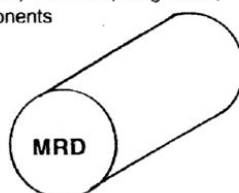


Machined Round Railings & Spindles, Fencing
Available Prefabricated or by Lin. Ft.

Series	Dia.
200MRD	2"
400MRD	4"

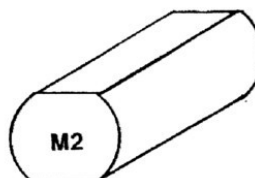
"MRD" Machined Full Round Logs for Posts, Tie Poles, King Poles,
Ridge Beams, Purlins, Furniture Components

Series	Dia.
600MRD	6"
800MRD	7-1/2"
1000MRD	9-1/2"
1200MRD	11-1/2"



"M2" Machined Round Two Sides. Planed Flat top and bottom
Used for wall logs, beams, rafters

Series	Width	Stack Ht.
400M2	5-1/2"	4"
600M2	7-1/2"	6"
800M2	9-1/2"	8"
1000M2	11-1/2"	10"
1200M2	13-1/2"	12"

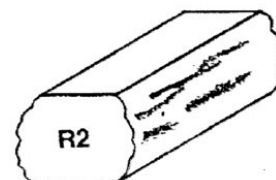


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RUSTIC HAND-PEELED LOGS

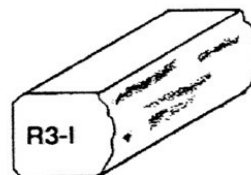
"R2" Hand-Peeled both sides. Planed Flat top and bottom.

Series	Avg. Width	Stack Ht.	Courses/8'
500R2	6"	5"	19
600R2	8"	6"	16
700R2	10"	7"	14
800R2	12"	8"	12



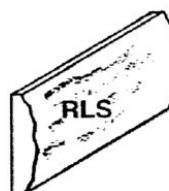
"R3" Hand-Peeled one side. Planed Flat 3 sides

Series	Avg. Width	Stack Ht.	Courses/8'
500R3	6"	5"	19
600R3	7"	6"	16
700R3	8"	7"	14
800R3	9"	8"	12



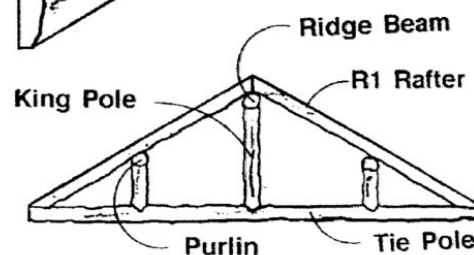
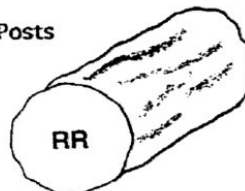
"RLS" Log Siding; matches above Hand-Peeled logs

Series	Thickness	Stack Ht.	Courses/8'
400RLS	1" to 2"	4"	24
500RLS	1" to 2"	5"	19
600RLS	1" to 2-1/2"	6"	16
700RLS	1-1/2" to 3"	7"	14
800RLS	2" to 4"	8"	12



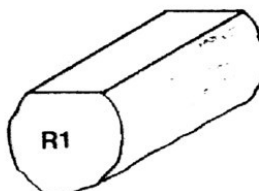
"RR" Full Round Hand-Peeled logs or Posts

Series	Dia.
600RR	6"
800RR	8"
1000RR	10"
1200RR	12"



"R1" Hand-Peeled Log Beams

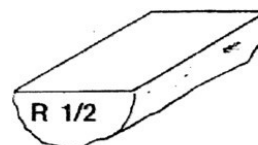
Series	Flat to Round	Avg. Dia.
500R1	4"	5"
600R1	5"	6"
800R1	7"	8"
1000R1	9"	10"
1200R1	11"	12"



Hand-Peeled Half Logs

Series	Width
600R1/2	6"
800R1/2	8"
1000R1/2	10"
1200R1/2	12"

Used for Stair Treads & Horses, Ceiling Beams

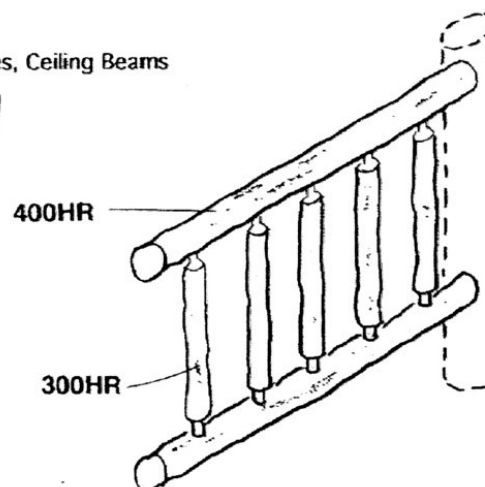
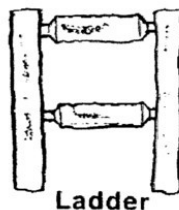


Hand-Peeled Railings, Fencing, Furniture components
16' lengths; Available prefabricated or Lin. Ft.

Series	Width
316HR	3"
416HR	4"
516HR	5"

Hand-Peeled Doweled Spindles

Series	Dia.
300HR	3"
400HR	4"

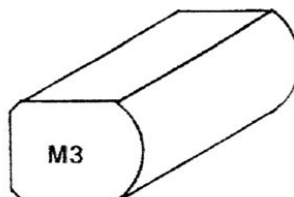


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"M3" Machined Round One Side. Planed Flat on three sides

Series	Width	Stack Ht.
600M3	5-1/2"	5-1/2"
800M3	7-1/2"	7-1/2"
1000M3	9-1/2"	9-1/2"
1200M3	11-1/2"	11-1/2"

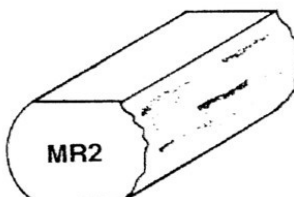
Tongue & Groove optional



"MR2" Machined Round One Side. Hand-Peeled One Side. Planed Flat top and bottom

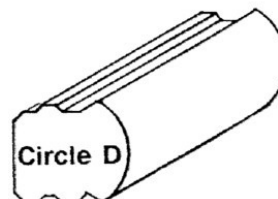
Series	Width	Stack Ht.
600MR2	6-1/2"	6"
800MR2	7-1/2"	8"
1000MR2	9-1/2"	10"
1200MR2	11-1/2"	12"

Tongue & Groove optional



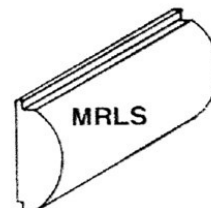
Circle D Log

Series	Width	Stack Ht.	Courses/8'
800 Circle D	7-3/16"	7"	14
1000 Circle D	9-3/16"	9"	11
1200 Circle D	11-3/16"	11"	9



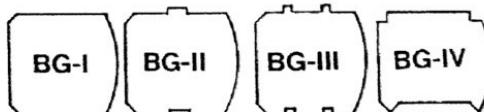
"MRLS" Machined Round Log Siding; matches curvature of above logs

Series	Thickness	Stack Ht.	Courses/8'
700 MRLS	2-1/2"	6"	16
800MRLS	3"	6-5/8"	14
1000MRLS	3-3/4"	8-5/8"	11
1200MRLS	4"	10-5/8"	9



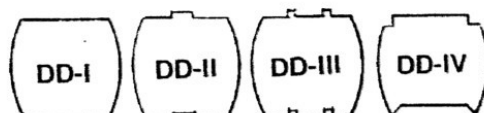
"D" Bevel Groove Logs

Series	Width	Stack Ht.	Courses/8'
7400D-BGS	3-1/2"	7"	14
7600D-BGS	5-1/2"	7"	14
7800D-BGS	7-1/2"	7"	14
8600D-BGS	5-1/2"	8"	12



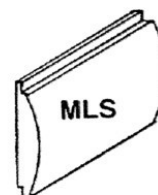
"DD" Double-D Logs

Series	Width	Stack Ht.	Courses/8'
7400DD	3-1/2"	7"	14
7600DD	5-1/2"	7"	14
7800DD	7-1/2"	7"	14
8600DD	5-1/2"	8"	12
6800DD	7-1/2"	6"	16

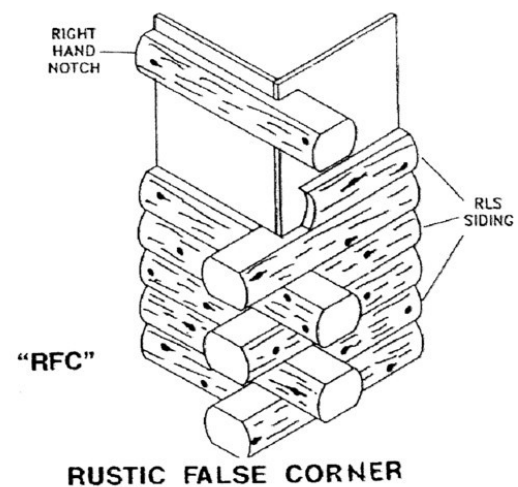
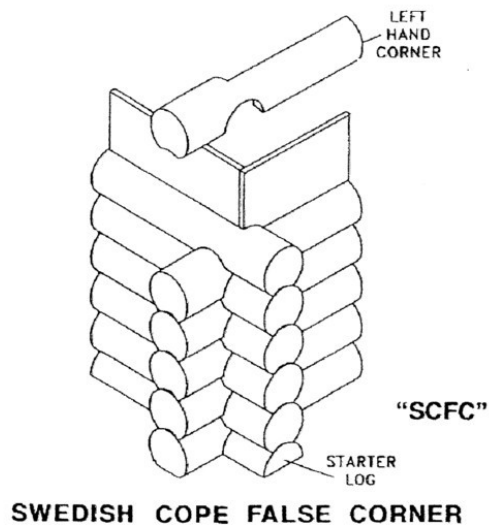
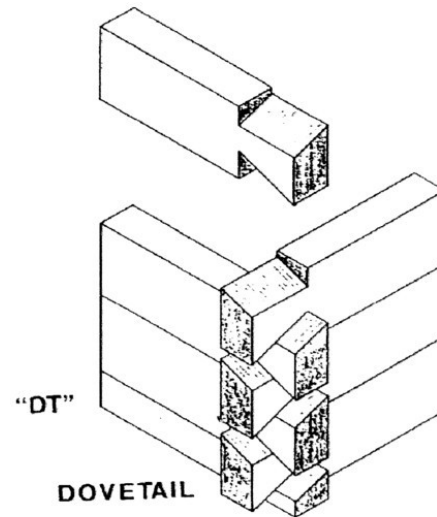
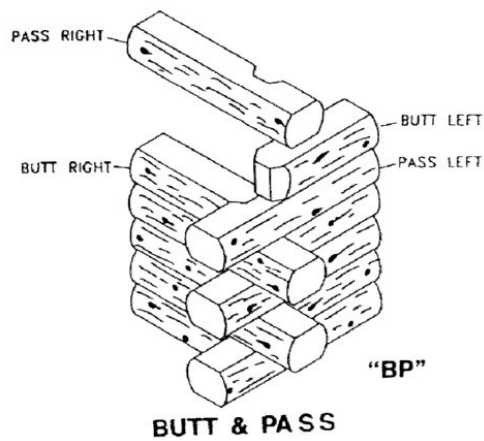
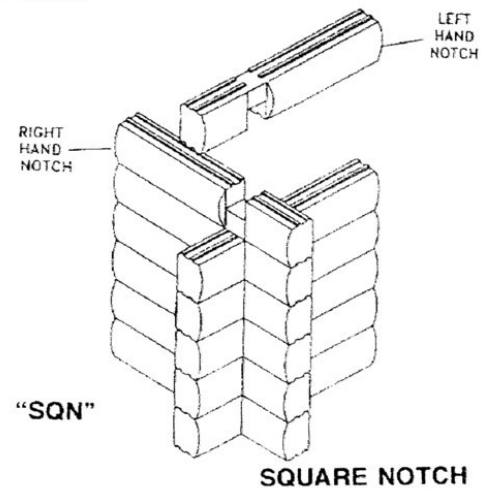
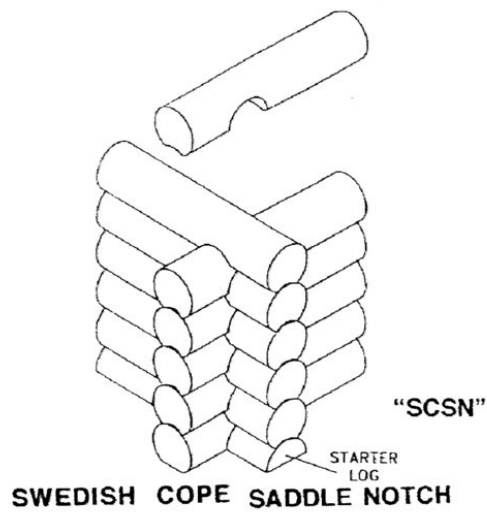


"MLS" Machined Log Siding; matches curvature of above "D" logs

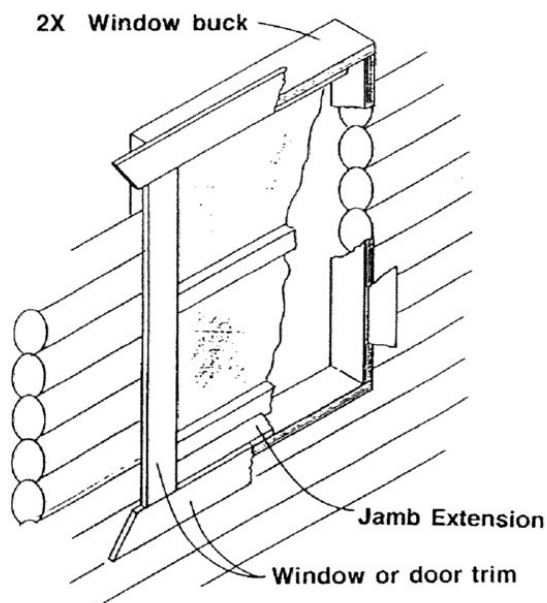
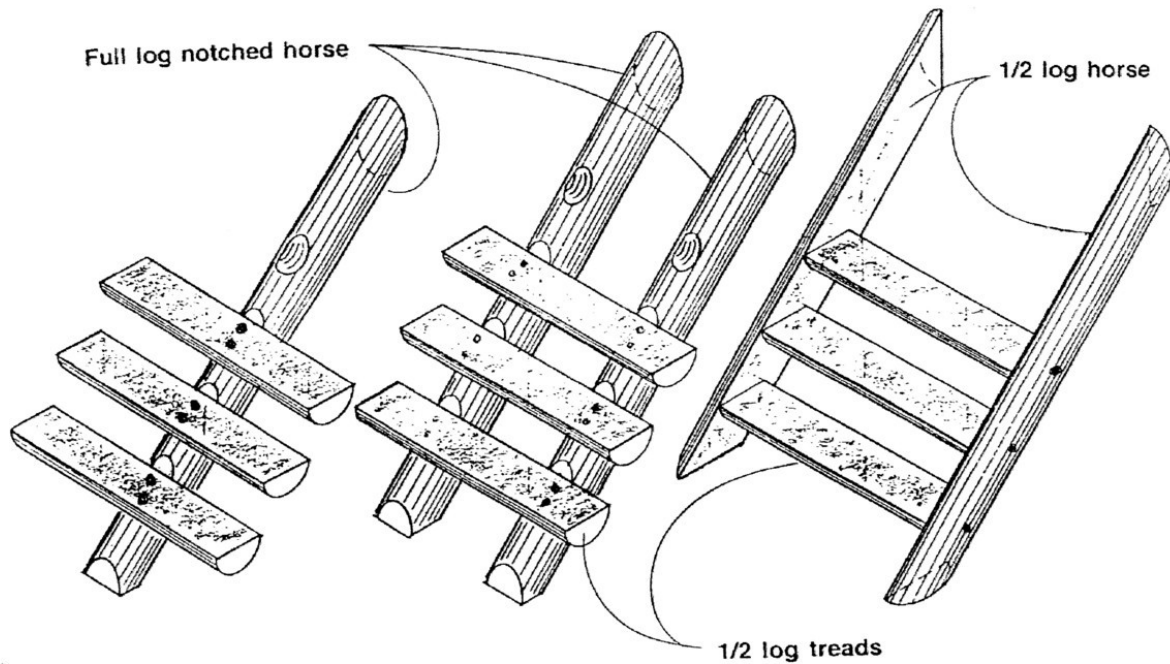
Series	Thickness	Stack Ht.	Courses/8'
600MLS	1-1/2"	6"	16
60-5/8MLS	1-1/2"	6-5/8"	15
700MLS	1-1/2"	7"	14







CORNER STYLES



LOG STAIR STYLES



TRIM PACKAGES

-  A. D-Trim Package
Machined trim in 4", 6", 8" widths
-  B. Rustic Trim Package
Hand-peeled trim in 4", 5", 6" widths
-  C. Square trim package
S4S or RS in 4", 6", 8" widths
-  D. Jamb extensions
S4S or RS in 2", 4", 6", 8" widths

CONTEMPORARY LOGS

Bevel Lap Siding

Series No.	Height	Width	Course	Wall ft.	Linear ft.
6400BLS	5½	4	18		
7400BLS	7	4	14		
5½00BLS	5½	7½	18		
7600BLS	7	6	14		
7800BLS	7	8	14		
7100BLS	7	9½	14		

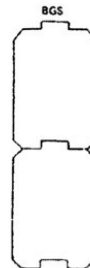


Bevel Lap Siding



Bevel Groove Siding

Series No.	Height	Width	Courses	Wall ft.	Linear ft.
6400BGS	5½	4	18		
7400BGS	7	4	14		
5½00BGS	5½	7½	18		
7600BGS	7	6	14		
7800BGS	7	8	14		
7100BGS	7	9½	14		



Bevel Groove Siding



Channel Tongue and Groove

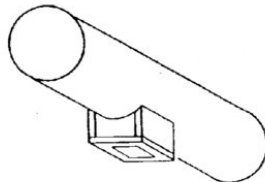
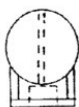
Series No.	Height	Width	Course	Wall ft.	Linear ft.
6400CTG	5½	4	18		
7400CTG	7	4	14		
5½00CTG	5½	7½	18		
7600CT4	7	6	14		
7800CT4	7	8	14		
7100CT4	7	9½	14		



Channel Tongue and Groove

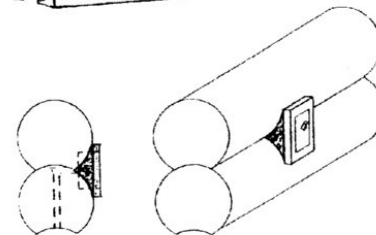


MISCELLANEOUS



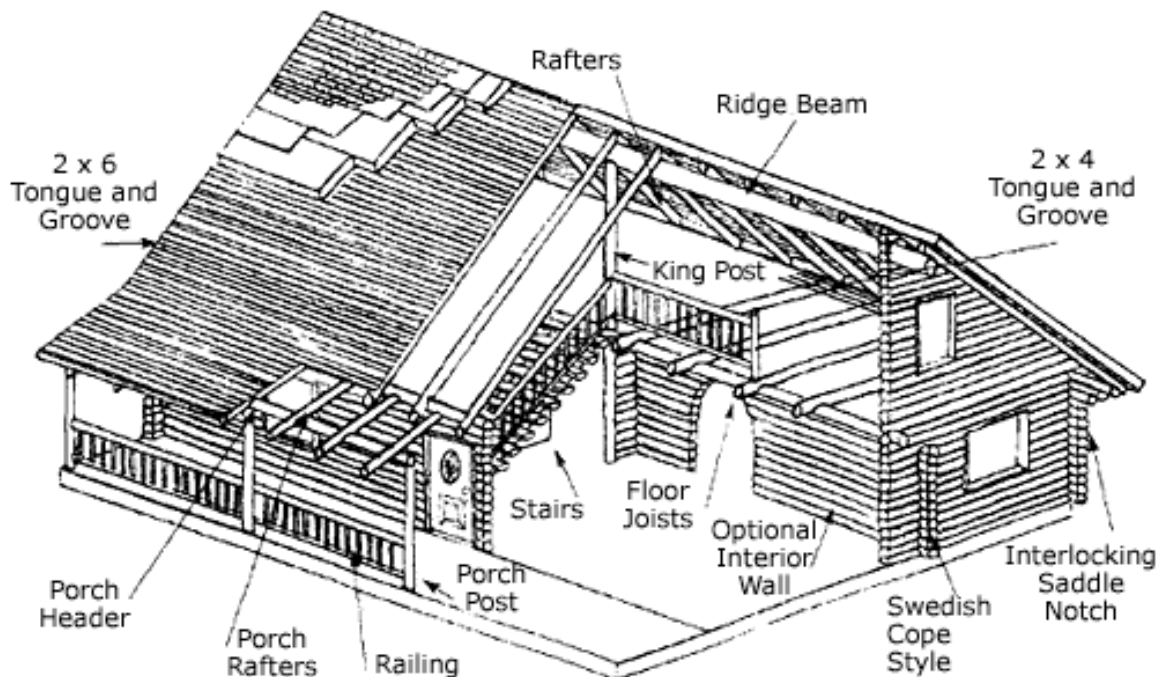
Electrical fixture box trim for underside of beam
Part No. Chart

DIA.	
6"	BMBX 6
7"	BMBX 7
8"	BMBX 8
10"	BMBX 10
12"	BMBX 12



Electrical box trim (outlets/switches) for Sw. Cope Log
Part No. Chart for Diameter listed

DIA.	SINGLE	DOUBLE	TRIPLE
6"	ELEC 6-1	ELEC 6-2	ELEC 6-3
7"	ELEC 7-1	ELEC 7-2	ELEC 7-3
7-1/2"	ELEC7 1/2-1	ELEC7 1/2-2	ELEC7 1/2-3
8"	ELEC 8-1	ELEC 8-2	ELEC 8-3
9"	ELEC 9-1	ELEC 9-2	ELEC 9-3
10"	ELEC 10-1	ELEC 10-2	ELEC 10-3
12"	ELEC 12-1	ELEC 12-2	ELEC 12-3



The Above Cross Section gives a view of materials in our Standard log package.

The Standard Package consists of pine or spruce 8" wall system. COST WILL RANGE UPWARD FROM \$32 per sq. ft. for living area and \$12 per sq. ft. for porches and garage.

The Economy Package consists of pine or spruce 6" wall system with siding for gables and dormers. Rafters and floor joists are 2 x 10 rather than log and the ceiling/loft floor is 1 x 6 rather than 2 x 6. The Economy package COST WILL RANGE UPWARD FROM \$25 per sq. ft. for living area and \$10 per sq. ft. for porches and garage.

The Luxury Package can vary widely. The package consists of pine or spruce 10" logs or larger. The cost will range upward from \$45 per sq. ft. for living area and \$18 per sq. ft. for porches and garage. (See diagram next page.)

Doors and Windows Option: Prices and quality vary greatly. You have the option of selecting doors and windows locally. New Homestead offers NATIONAL BRAND WINDOWS in the quality of your choice shipped directly to your site with "no breakage guaranteed".

**For more information on any of our homes please call (208) 642-9002
Or email sales@northpayettemilling.com**

Payette, Idaho sawmill and manufacturing plant



100,000 sq.ft. under roof
with five kiln dryers



Finished product
stored under roof prior
to lumber wrapping and shipping



Wood cants air drying
in British Columbia
prior to shipping to
Payette, Idaho

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