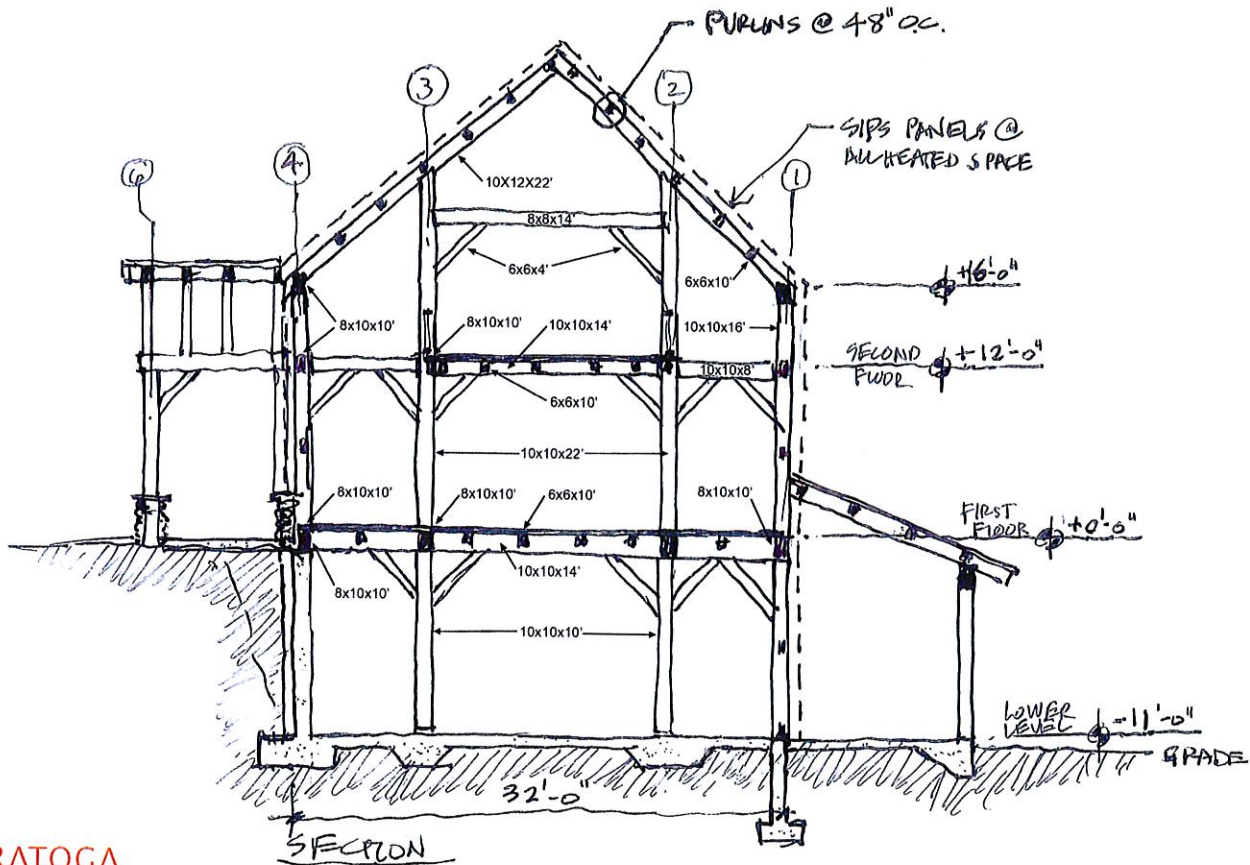
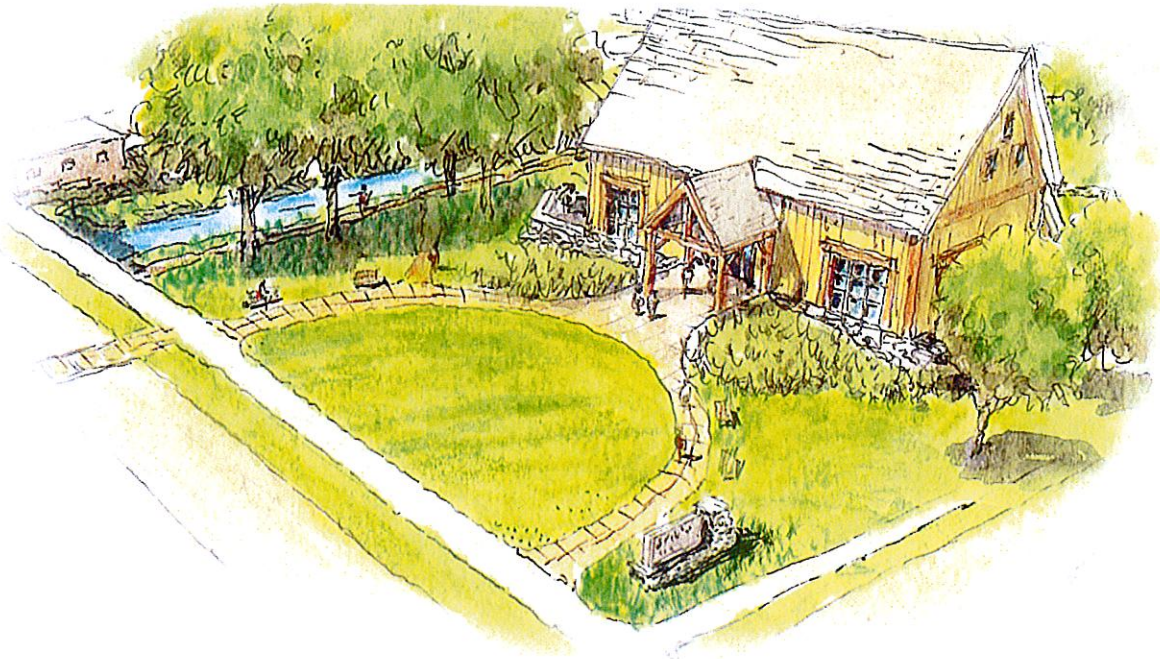


# Lakes to Locks Passage Canal Region Gateway Visitor Center Concept Design & Timber Frame Estimate



LAKES to LOCKS  
PASSAGE



SARATOGA  
ASSOCIATES

Landscape Architects, Architects  
Engineers, and Planners, P.C.



TIMBER  
FRAMERS  
GUILD



# Lakes to Locks Passage Canal Region Gateway Visitor Center Concept Design & Timber Frame Estimate



Timber Main Frame						
Location	Type	W(in)	d(in)	L(ft)	Qty	Board feet
Level 0	Post	10	10	11	18	1650.0
Level 1	Post	8	10	16	12	1280.0
Level 2	Post	8	10	22	12	1760.0
Level 0	sill	10	10	22	6	1100.0
Level 0	sill	10	10	12	2	200.0
Level 0	sill	10	10	20	2	333.3
Level 0	Girder	10	10	20	2	333.3
Level 0	Girder	10	10	22	4	733.3
Level 0	Joist	6	8	16	29	1856.0
Level 0	Joist	6	8	8	58	1856.0
Level1	Joist	6	8	16	35	2240.0
Bent	Girt	8	12	16	6	768.0
Bent	Girt	8	12	10	12	960.0
Bent	Girt	8	10	16	6	640.0
Bent	Rafter	8	10	20	12	1600.0
Plates	Plates	10	8	20	4	533.3
Plates	Plates	10	8	22	8	1173.3
Wall	Girt	6	8	12	10	480.0
Purlins	purlins	4	6	12	105	2520.0
braces	braces (2ea)	3	5	10	86	1075.0
				braces	86	
<b>Total</b>					<b>515</b>	<b>23091.7</b>

## Sleepers

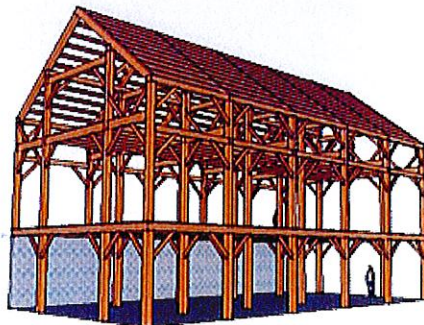
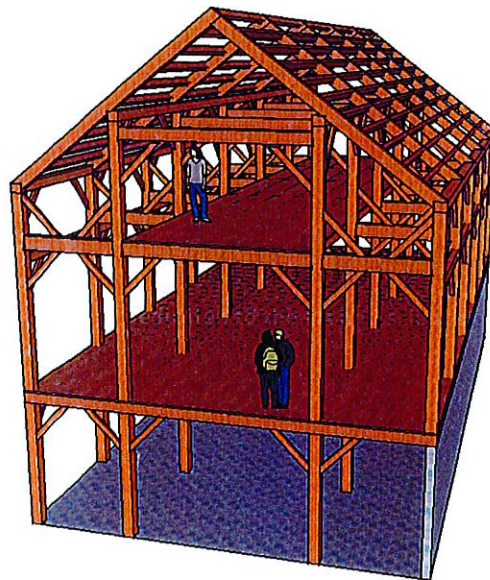
Level 0	sleepers	2	4	960	1	640
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## Flooring T&G

Location				Square feet
Level 0	flooring	2	6	1920
Level 1	flooring	2	6	1920
Loft	flooring	2	6	840
Roofing	sheathing	2	6	2520
<b>Total</b>				<b>7200</b>

## Siding

Location				Square feet
Siding	wall			1605
Siding	wall			960
Siding	end(2)			1715.2
Siding	gables			384
<b>Total</b>				<b>4664.2</b>



**SARATOGA ASSOCIATES**

Landscape Architects, Architects  
Engineers, and Planners, P.C.

