

1. Project Description

Project Title:		Date:			
Owner:	Owner's Proj. #:		Location :		
Building Size:	SF	New:	SF	Remodel:	SF
Useful Life:	50 Years				
Electric Utility:			Gas Utility:		
Design Phase:	10% VE Date:		Est. Bid Date:		
Energy Software:	Energy Savings Goal	30%	Weather Station:		

2. Work Plan Contacts

Contact	Name	Organization	Email Address	Phone	Fax:
Analyst:					
Owner's PM:					
Architect:					
Other:					

3. Building Envelope

		Framing Type	Insulation Type	R-Value	Area (sf)
Roof/Ceiling 1	Prescriptive:				
	Proposed:				
Roof/Ceiling 2	Prescriptive:				
	Proposed:				
		Framing*	Insulation Type**	U Factor	Area (sf)
Wall 1	Prescriptive:				
	Proposed:				
Wall 2	Prescriptive:				
	Proposed:				
		Frame Type	U Factor	SHGC ***	Area (% wall)
Window 1	Prescriptive:			N/A	
	Proposed:				
Window 2	Prescriptive:			N/A	
	Proposed:				
Skylight	Prescriptive:			N/A	
	Proposed:				
		Type	Insulation	U factor	Area (sf)
Doors	Proposed:				
		Framing	Insulation	R-Value	Area (sf)
Floor	Proposed:				
		Type	Insulation	R-Value	F Factor
Slab Perimeter	Proposed:				

* Framing for walls show as for example: 2" x 6" wood studs 16" o.c.

** Insulation for walls show as for example: "R-19 between studs"

***Solar Heat Gain Coefficient

3. Building Envelope (Cont.)

Envelope Alternatives

If Envelope prescriptives are not met, analyze 2 alternatives

Envelope Alternative 1:

Envelope Alternative 2:

4. Lighting Systems

Proposed Lighting	Space 1	Space 2	Space 3	Space 4
Space Name:				
Area Function*:				
Fixture Type:				
Ballast Type:				
Lamp Type:				
# Lamps/Fixture:				
Proposed LPD (w/sf)				
Prescriptive LPD (w/sf)*				
Check box below when space is likely to include feature indicated at left				
LED Exit Signs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Occupancy Controls ?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Active Daylighting?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lumen Maint. Controls?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Area Sweep Controls?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* Use "Area Function" and prescriptive LPDs listed in T4.2, If not listed use local energy code target values

Lighting Alternatives

If Lighting prescriptives are not met, analyze 2 alternatives

Lighting Alternative 1:

Lighting Alternative 2:

5. Mechanical, Renewable , and High Performance Alternatives

Describe System Types, use areas, fuels, efficiencies, modeled energy saving features, etc.

Mechanical Alternative:

Mechanical Alternative:

Mechanical Alternative:

Renewable Alternative:

High Performance Building Alternative:

6. Control System Features

Description		Description	
<input type="checkbox"/> Optimized Start/Stop	<input type="checkbox"/>	<input type="checkbox"/> Ventilation Rate Monitor	
<input type="checkbox"/> Economizer Cooling	<input type="checkbox"/>	<input type="checkbox"/> Commissioning Diagnostics	
<input type="checkbox"/> Trending Capability	<input type="checkbox"/>	<input type="checkbox"/> Demand Controlled Ventilation	
<input type="checkbox"/> Evening Purge Cycle	<input type="checkbox"/>	<input type="checkbox"/> CO2 Monitoring	
<input type="checkbox"/> Morning Warm-up	<input type="checkbox"/>	<input type="checkbox"/> Other	

7. Domestic Hot Water (DHW) System

	Space 1	Space 2	Space 3
Space Name			
Number of Units:			
Energy Source:			
Unit Capacity KBTU/ hour:			
Tank Gallons/unit:			
Check if Point of Use Type:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check if Circulation pump used:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Time Clock or EMCS: For Heater or Burner	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
For Circulation Pump	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DHW Alternatives If DHW Sys. energy use is 10% or more of total bldg.use, Analyze 2 alternatives

DHW System Alternative 1

DHW System Alternative 2
