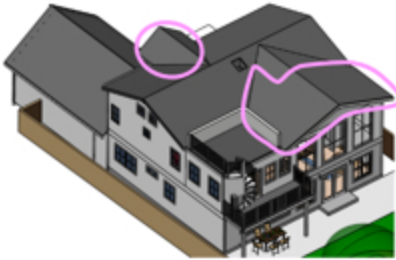
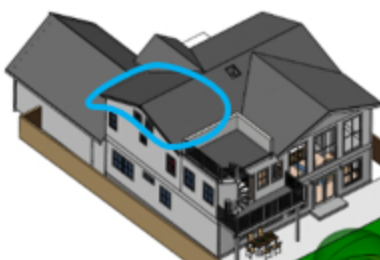
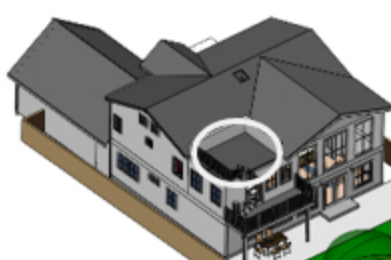
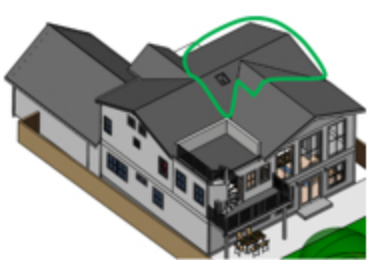


	Great Room And Nook	Kids' Rooms	Below Roof-Top Deck	Vented Attic
				
Nominal Framing:	8" unvented ceiling	6" unvented ceiling	10" unvented ceiling	6" or 8" attic floor
Current Insulation:	fiberglass batt	4.5" Polyiso	fiberglass batt	4.5" polyiso or ~8" batt
Roof Sheathing:	Radiant Barrier OSB	Radiant Barrier OSB	Radiant Barrier OSB	Radiant Barrier OSB
Approx R-Value:	R-27	R-30	R-30	~R-36 (if more vents added)
Key issues:	- Rigid insulation required above batt per R806.5 - Potential moisture trapping from OSB radiant barrier	- upper/lower foil on polyiso - Potential moisture trapping from OSB radiant barrier	- Rigid insulation required above batt per R806.5	- Upper/lower foil on Polyiso in attic floor
Budget Mod: (ventilate)	- Install vent ridges - Cut vent holes in blocking at mid-rafter	- Remove drywall - Remove polyiso - Install vent ridges - Cut vent holes in blocking at mid-rafter - Add batt in 5.5-in cavity - Add drywall	- Remove drywall - Remove batt - Spray PU insulation - Add batt - Add drywall	- Remove polyiso inside attic floor - Replace with batt
Post-Mod R:	R-27	R-22	same	same
Major Mod: (new roof)	- Remove roof down to insulation layer - Add new OSB, 1.5" polyiso, OSB, underlayment, and shingles	- Remove roof down to insulation layer - Add new OSB, 1.5" polyiso, OSB, underlayment, and shingles	Same as above	Same as above or: Convert to unvented attic & Keep polyiso in floor - Remove shingles, underlay, OSB - Add new OSB, 1.5" polyiso, OSB, underlay., and shingles
Post-Mod R:	R-30	R-30	same	tbd
Compared to minor-mod:	- R806.5 code compliant - Meets R-30 in T24 Cert.	- R806.5 code compliant - Meets R-30 in T24 Cert. - Bedrooms undisturbed	same	- 806.5.2 violation (vapor retarder on polyiso) - but dT same on both sides so maybe OK - polyiso removal avoided