

Notes to Drawing # III for Kickapoo Dwelling, Oregon IL (rev. 10/8/01)

1. Basic Concept: A dwelling which is simple, relatively small, low maintenance, blends in with the country, low energy usage, with low impact (both in the building and maintenance of it) on the environment. Hopefully, at least subsystems which might be emulated by others to build similarly “work with the land and minimal impact on it” dwellings, within reasonable costs per sq. ft.

2. The drawing is 1” equals 8’. Basic design form is 8 feet on a side Δ, base generally toward the south, point to the north, covering the promontory on the south ridge line on the property approximately 10 feet down from the rim. Access to it from Limekiln Road - from the south - next to the driveway to the farm stead. Use of “porous” bricks on the drive near the house, but merely crushed rock to it? in lanes, rather than full paving of the driveway?
Concept: minimal impact on land and naturalness

3. First floor, 8’ high at perimeter; second, 8’ high at perimeter; above same is the “sky roof”. See Δ in red on the drawing. In general, peaked roof, covered with black to gray tiles with use of Δ in design. General roof peak, N. & S. line; additional/different slope: E. & W. line at North wall of the Master Bathroom, with special additional eased slope over garage. Clear story windows on South wall to allow light in both bedrooms and Master Bath, use of not fully opaque shades to cut heat (but allow light) in summer and for heat in winter. @ 2’ overhang of roof all around without gutters, save over garage door and front door.

4. Center “triangle” is placement of “sky roof” section. This section will have @ 2’ high vertical windows, fixed clear story, with peaked roof above (which will have a fan in it). Concept: source of natural light to the interior, but with shades, not fully opaque, which may be drawn in summer heat to minimize heating. “sniffer” vents might be installed in this area.

5 Use of stone, as local as possible, or if not brick as building material external? May wood floors still be used if sniffer vent and “radiant heat” used in floor?

6. Approximate room dimensions and areas:

<u>Room</u>	<u>Dimensions</u>	<u>Area</u>
1. Master Bedroom	12’ X 14’ [minus “corner”] [plus 4 1/2’ closet]	143
2. Offices/ Guest Rm.	“	143
3. Master Bath	8’ X 7’	56
4. Guest Bath	“	56
5. Entry way w/ closet	14’ X 8’	112
6. Dining Area and Kitchen	16’ X 12’	192
7. Great Room	16’ X 12’ [plus “point” being @168 sq. ft.]	360
8. Utility/Mud Room	16’ X 7’	112
9. Library/Upstairs	22’ X 14’	<u>308</u>
<u>SUBTOTAL</u>		1,482
10. Garage	16’ X 14’	224
11. Garage Storage Area	14’ X 8’ [Δ]	56
12. Deck	@7’ wide 24’ long	<u>252</u>
<u>TOTAL</u>		<u>2,014</u>