

**Overview:**

I am proposing building, by hand, an off-the-grid Muir Hut-like (technically called an Italian Mountain Trullo Hut) structure on the "up-top" portion of the May Lundy Mine Parcel.

I am proposing a small (maximum 20'x20' footprint) primitive stone and wood structure, to be used minimally for spiritual and recreational retreat purposes. The structure will not incorporate any plumbing or running water elements. I would perhaps incorporate minimal use of solar power, but this is optional. The plans for the hut would be professionally drawn up/signed off on by an engineer.

The best sanitation option seems to be a composting toilet. The toilet could be housed adjacent to the structure, or in a separate location a dozen yards away from the structure (in this case a small secondary stone structure (out house) would need to be built to house the toilet).

**Other Questions (which may/may not fall under the purview of your agencies):**

- Access ? ... the 4WD road/trail from Lundy Lake to the base of the mine ?
- The Forest Service ... what's their take ?
- A one-time Helicopter Materials Drop ? Legalities of flying through the Wilderness airspace ?
- Environmental barriers to building ? ... minimal century old mine overburden resting several 100 yards to the North and Southwest of the property, but not in its watershed.

**Additional Detail:**

The "up top" portion of the May Lundy Mine Property consists of roughly an acre and a half of property (at 11,200' elevation), formed into a 300' x 450' triangular portion of land (see attached photos), that descends East to West from the edge of the ridge at a downward grade of apx. 20-25%.

While the portion of the property sitting (significantly) below the top is littered with mining overburden, the "up-top" portion of the property is completely free of all mining development or human impact, with the exception of a small trail running along the ridge.

Running through the center of the "up-top" triangle is a large shoulder area (apx. 40' x 120') that sits about 150' West of the ridge and about 50' East of the property boundary. This shoulder area is on a very soft grade (< 15%), and can easily be graded level by hand, as the land up there is covered in rocks, most of which are moveable by hand.

Once roughly graded, a foundation can be laid (apx. 20' x 20'). The foundation will primarily be formed using rocks on the property itself adhered with poured concrete. It could be reinforced with rebar. It will sit a few feet above the land.

On this foundation the hut itself will be built using rocks from the property and mortar. The roof will be constructed either out of rocks as well (in the style of a true Trullo Hut), or perhaps framed with wood and galvanized metal panels (in more the style of the mining structure apx. 400 yards to the North of the property).

I imagine the structure will not rise more than 15' in height. Other than stone it will include a few wooden features (door/window framing, and perhaps bracing/framing for the roof). It will include a place to allow the exit of the chimney of a small metal stove.

The roof of the hut will incorporate rain catching gutters which will feed a rain barrel/cistern to be kept adjacent to the hut.

While the possibility of building an outhouse or pit toilet is possible, a more effective, and less negatively environmentally impacting solution would be a composting toilet.

The toilet could be placed adjacent to the structure, or housed in its own stone structure (out house) 10 yards away from the primary structure. None of the waste will be deposited into the ground itself, and instead would be mixed with composite (sawdust/peat), and composted on the property until it could be integrated into a raised planter bed on the property.



PLACES









