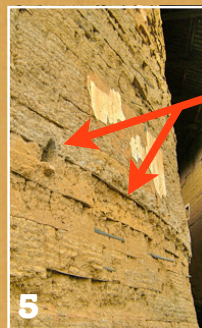
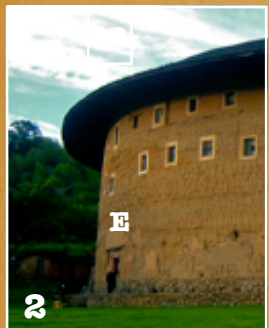
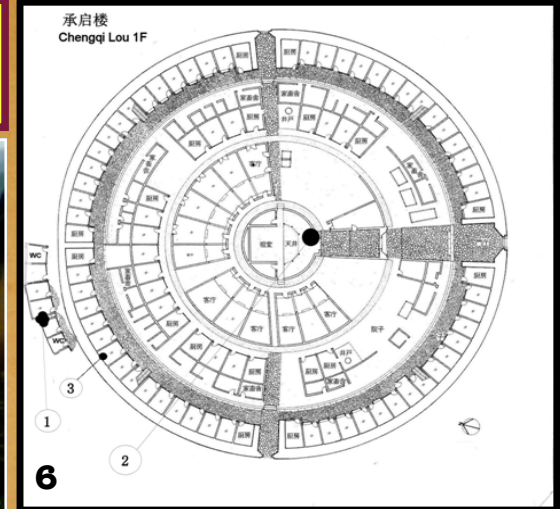
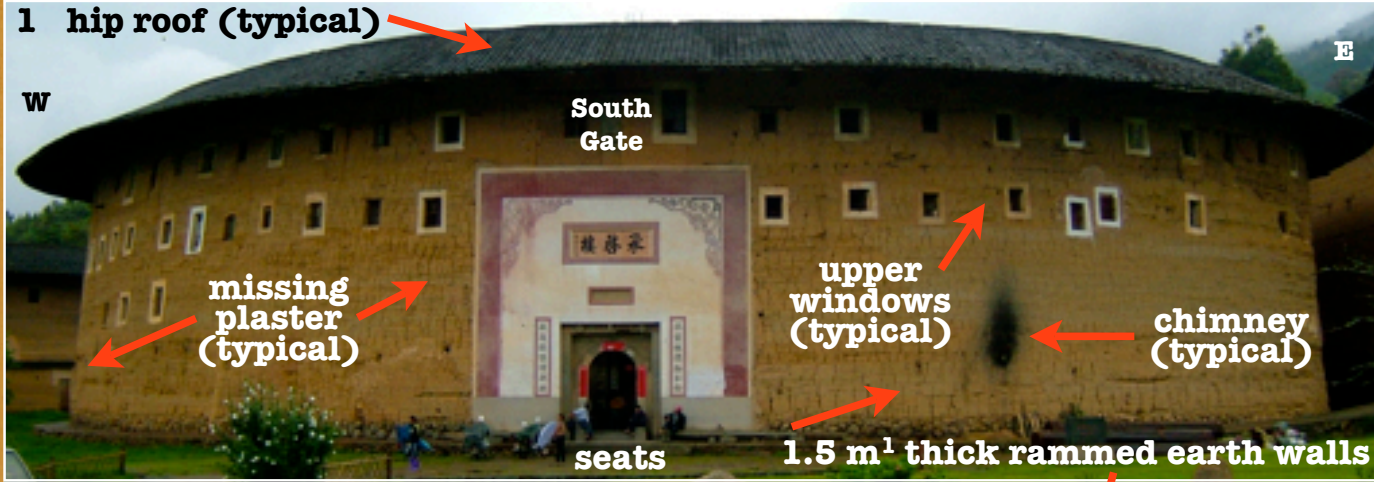


Hakka Heritage 4: to all interested in Hakka history, culture & architecture 1/2
Chengqi Lou, Gaobei Village, Gaotou Town, Yongding, Fujian jdo © March 2/11

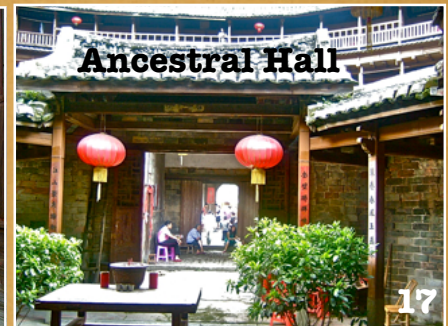
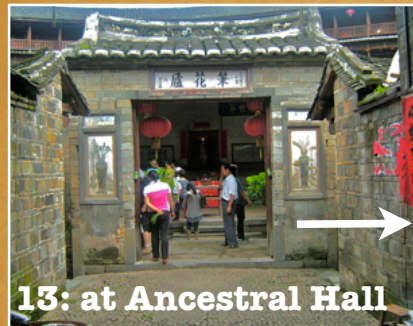
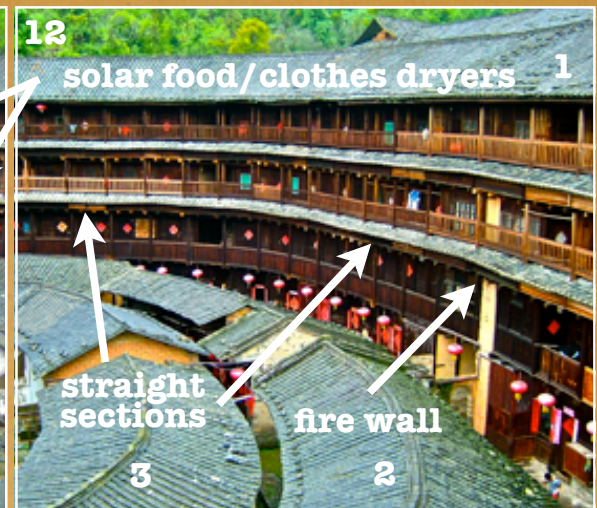
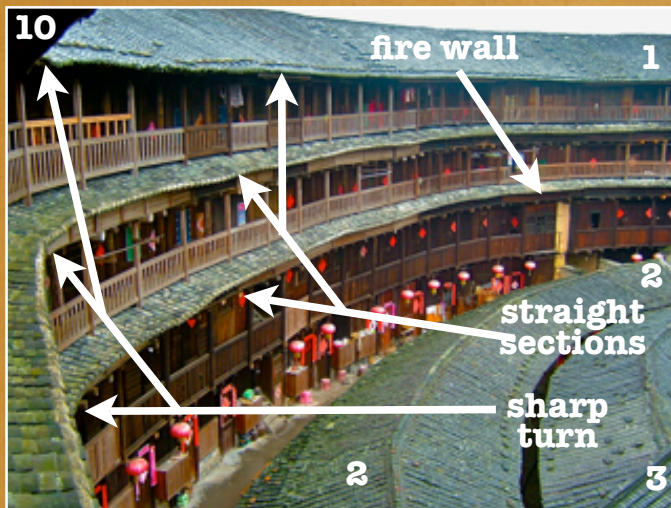


FACTS on Chengqi Lou: sustainable Hakka BioSphere+Trail, Jorg Ostrowski © March 2, 2011

- ~ 5 km to Hongkeng, UNESCO World Heritage Site, built by Jiang clan 1628-1709^{1,3}, Ming dynasty. Area: 5,376 m² ^{1,2}, 400 rooms^{1,5}
- **Specs:** 3 concentric rings around an ancestral hall (FF 9-13, 17). Main building is 73 m ^{1,5} (62.5 ²) ø, 4 stories (16m high). 72 rooms/floor. Kitchens/dining on ground floor, storage on 2nd, bedrooms on 3rd & 4th. Wooden corridors overlook courtyard on 2nd-4th & lead to 4 stairs at 4 cardinal points ². South Gate, east & west side doors control defence, security & fire escape (FF 1-3, 6). 2nd ring has 80 rooms on 2 stories. 3rd ring is a 1-story 32-room school ¹ or library ². Capacity: > 600 people ^{1,5}
- **Conclusions:** based on several visits, talking to elders, plan/aerial review, research & monitoring
 - 1) if Chengqi at 73 m ø can house 600 people, then Eryi lou at 108.8 m od could house many more (see 2/2)
 - 2) although always drawn & quoted as "circular", Chengqi is actually oblong (see F 9, photo from Zhenfu, 2009)
 - 3) Chengqi is 1 of the largest/most famous tulous in the world, a good high profile building to monitor T&H
 - 4) monitoring will determine if tulous are "cooler in summer, warmer in winter" as everyone claims (see 2/2)
- ACE+ASH-Incs., <http://www.HakkaHeritage.com> <jorg@HakkaHeritage.com>



Chengqi: +Feng Shui/light/sun/ventilation, 452 ppa, local materials/industry, self-sufficient EcoCity 2/2



References: this PostCard/PlaceMat will reside at <http://www.HakkaHeritage.com>,

- 1) Wang Fu Ping, *A History of Tulou Buildings*, Haifeng, 2008, pp 48-55
- 2) *Fujian Tulou*, http://en.wikipedia.org/wiki/Fujian_Tulou
- 3) Ye Enzhong, ed., He Baoguo, *Fujian's Earthen Buildings*, Beijing, 2009, pp 78-83
- 4) Kentaro Okada, "Hakka Enro" *Ryokojin Ultra Guide*, Ryokojin, Tokyo, June 2004 (in Japanese)
- 5) He Baoguo, *Home Is Where the Heart Is - A Guide to the Earthen Buildings*, Haichao, 2008, pp 87-95
- 6) <http://www.ydtu.com/EarthBuilding/Chengqi-Lou.aspx>
- 7) <http://www.taiwan-guide.org/david/fujian/west.html#yongding>

Notes/Quote/Site/Info/Recomendations: Chengqi lou was featured as Chinese stamp in 1986 ¹

- 1) **Note:** Chengqi Lou is not "... the largest of the earth buildings" ^{1,2}. Eyri lou is 108.8m od. Shenyuan lou is 70m ø ²
 - 2) **Quote:** "King of Tulou (Round Earth Building)" ¹, "... excellent examples of ecologically sustainable building design" ⁷
 - 3) **Site:** Walk area & hills (~ 30 buildings) with binoculars for a week to experience & understand people, life, culture & architecture.
 - 4) **Information:** Minoru Ueda is monitoring temperature & humidity for 2 years <mu@ecobuildings.net>
 - 5) **Recommendation:** Modern architectural developments should be banned for many reasons. Stay in tulou, not hotel.
- ACE+ASH-Incs. Calgary Canada, sustainable design/consulting, <http://www.EcoBuildings.net>

