

Supplementary Material 1: Instances of livestock depredation in Ladakh between January-June 2020

Table 1. Table collated by the Wildlife Protection Department with information regarding number (#) of livestock lost during a depredation event by either wolf or snow leopards.

| Date | Village Name | Predator Involved | # of Goat | # of Sheep | # of Yak | # of Cow | # of Horses |
|------------|---------------|-------------------|-----------|------------|----------|----------|-------------|
| 20.01.2020 | Tiri | Wolf | 0 | 0 | 3 | 0 | 0 |
| 23.01.2020 | Kumdok | Snow Leopard | 0 | 0 | 4 | 0 | 0 |
| 24.01.2020 | Kungyam | Snow Leopard | 0 | 0 | 0 | 0 | 1 |
| 24.01.2020 | Kumdok | Snow Leopard | 0 | 0 | 0 | 1 | 0 |
| 02.02.2020 | Tukla Phulak | Snow Leopard | 0 | 0 | 3 | 0 | 0 |
| 08.02.2020 | Tukla | Snow Leopard | 0 | 0 | 0 | 1 | 0 |
| 10.02.2020 | Tukla | Snow Leopard | 0 | 0 | 0 | 1 | 0 |
| 20.02.2020 | Tiri Thang | Wolf | 0 | 0 | 0 | 0 | 2 |
| 13.03.2020 | Kherapulu | Wolf | 22 | 20 | 0 | 0 | 0 |
| 18.03.2020 | Sumdoo TR | Snow Leopard | 3 | 2 | 0 | 0 | 0 |
| 18.03.2020 | Sumdoo TR | Snow Leopard | 0 | 0 | 1 | 0 | 0 |
| 31.03.2020 | Satoo Kargyam | Wolf | 0 | 0 | 1 | 0 | 0 |
| 04.04.2020 | Sumdoo TR | Snow Leopard | 0 | 6 | 0 | 0 | 0 |
| 12.04.2020 | Liktsey | Snow Leopard | 0 | 0 | 0 | 1 | 0 |
| 12.04.2020 | Sumdoo TR | Snow Leopard | 8 | 16 | 0 | 0 | 0 |
| 21.04.2020 | Sumdoo TR | Snow Leopard | 1 | 0 | 8 | 0 | 0 |
| 21.04.2020 | Sumdoo TR | Snow Leopard | 2 | 9 | 0 | 0 | 0 |
| 21.04.2020 | Sumdoo TR | Snow Leopard | 2 | 5 | 0 | 0 | 2 |
| 22.04.2020 | Sumdoo TR | Snow Leopard | 5 | 0 | 0 | 0 | 0 |
| 22.04.2020 | Sumdoo TR | Snow Leopard | 4 | 0 | 0 | 0 | 0 |
| 22.04.2020 | Sumdoo TR | Snow Leopard | 0 | 0 | 2 | 0 | 0 |
| 24.04.2020 | Sumdoo TR | Snow Leopard | 15 | 16 | 0 | 0 | 0 |
| 25.04.2020 | Sumdoo TR | Snow Leopard | 3 | 5 | 0 | 0 | 0 |
| 23.05.2020 | Muklab | Wolf | 6 | 0 | 0 | 0 | 0 |

Each row represents a separate herd of livestock.

Page 10 of 20

Supplementary Material2: Line drawings of different type of corrals discussed for building in Sumdo TR

Design 1: "Traditional Design"

The traditional structure has an enclosure of 6ft height that can house the livestock with a top cover comprising of a frame made of crate wire mesh.

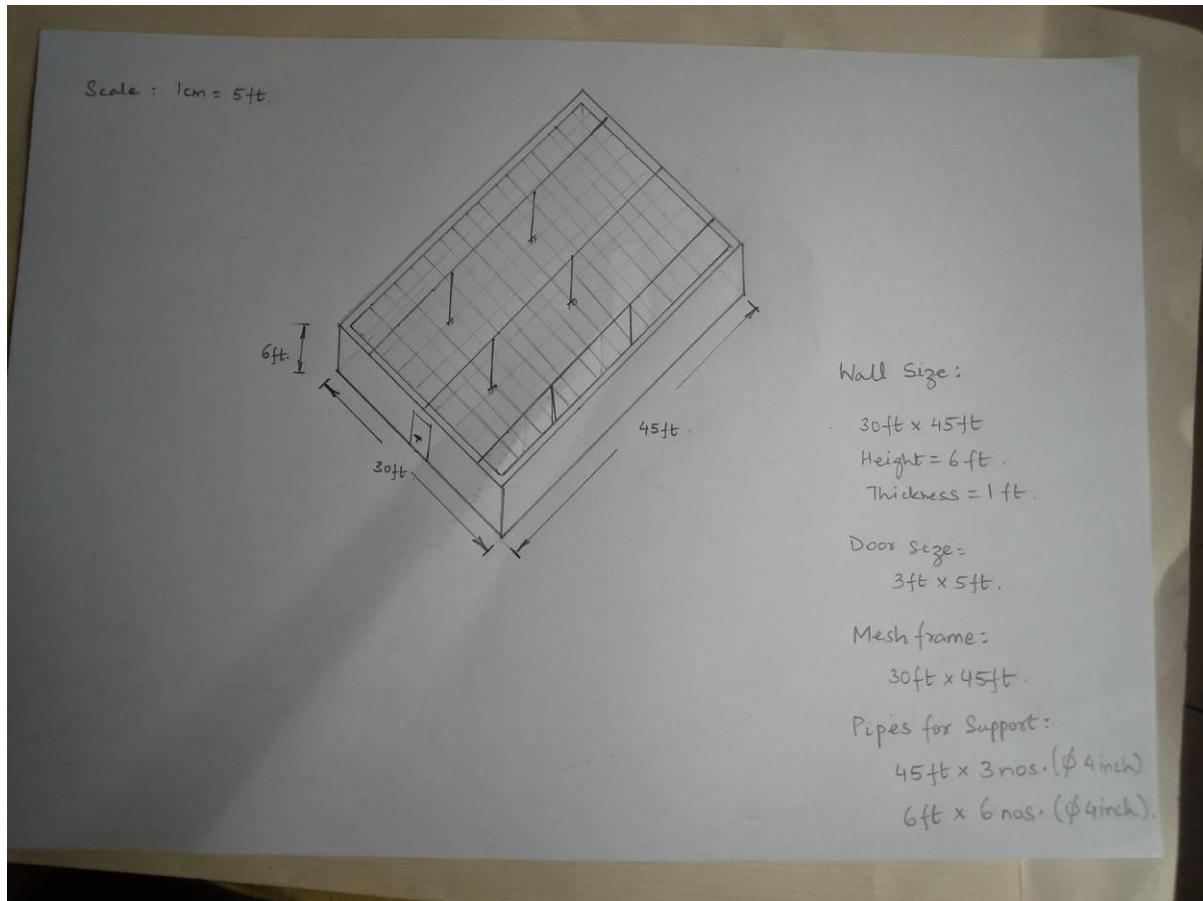
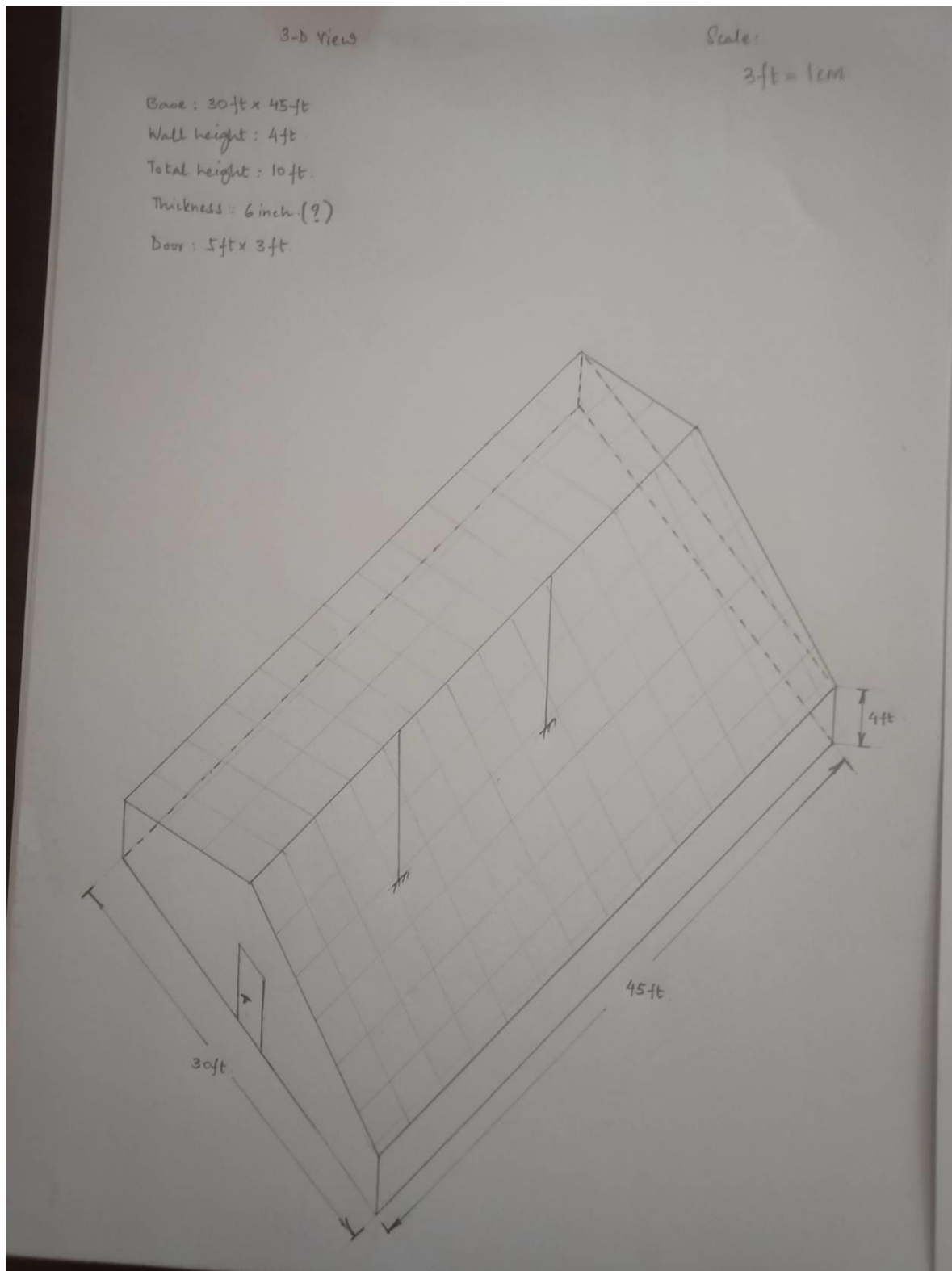


Figure 1. Traditional style corral

Design 2: "Tent Design"

This design is inspired by the shape of a tent in a fashion that it requires less construction, provides better access to sunlight and allows for wind to pass through the structure.



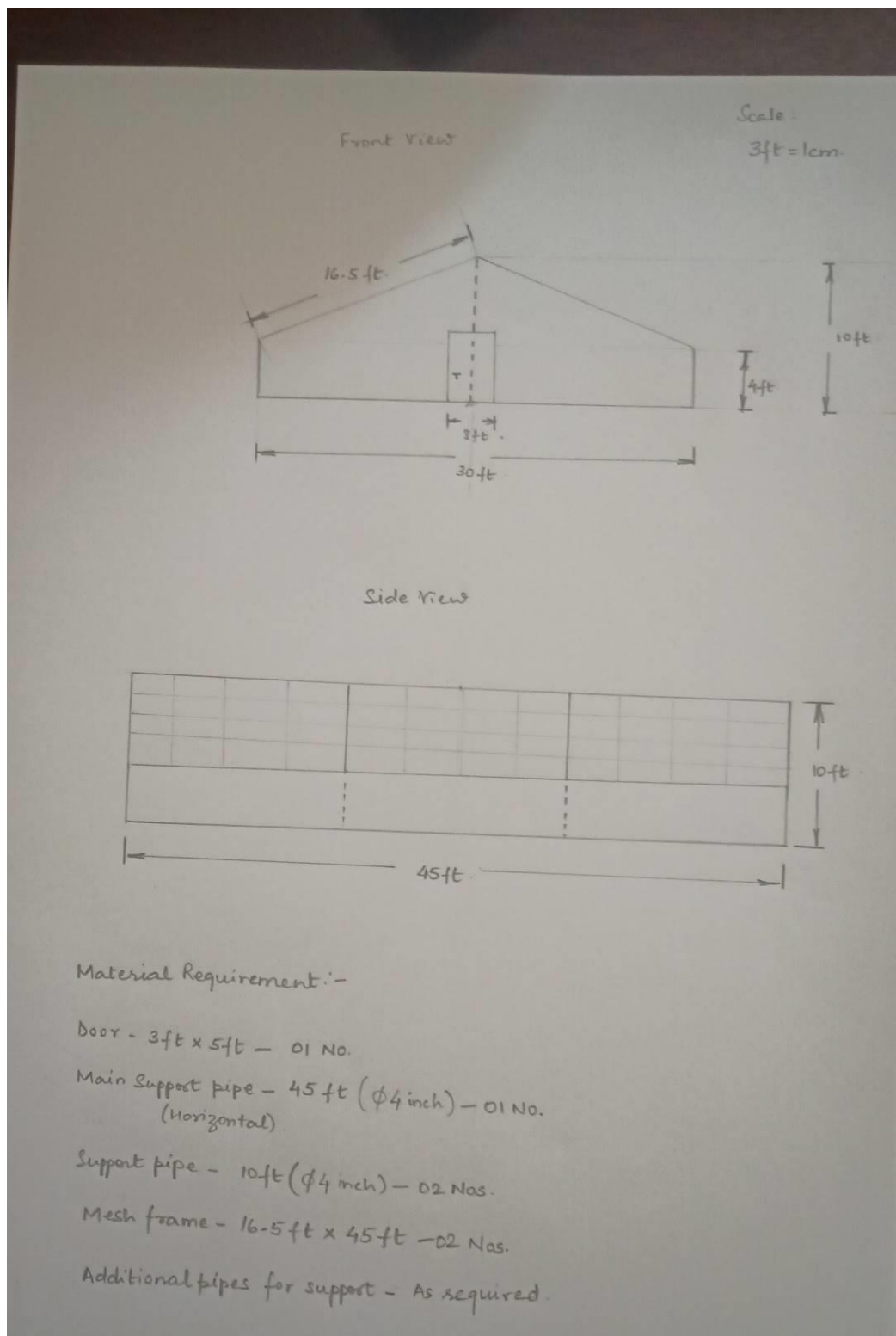


Figure 2. Corral design inspired by local herders

Design 3: "Fenced Design"

This design has been tested successfully in Tost Mountains in Mongolia. This is based on a recent publication (Samelius et al. 2020)

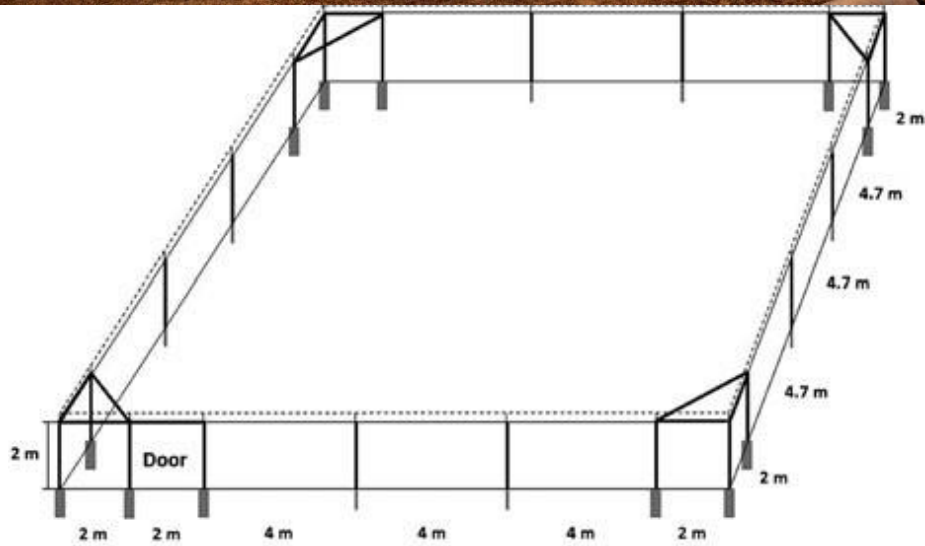


Figure 3. Corral design from Mongolia. The dimensions are 60 ft. x 60 ft., with an above ground height of 6.5 ft. 21 angles, of 8.5 ft. each of support