

## Summary of UHH New Educational Telescope Schematic Design Submittal April 2021

### **Schematic Design Drawings:**

- Plan View – Shows general proposed location of the telescope and deck structure as well as the relation to Dorm A and the existing Access Road. Approximate access control gates are also shown on the plan.
- Typical Section – Shows approximate footing size for deck and relation between deck and telescope footings. Dome is not shown in this view.
- Approximate Section through Dorm A and Dome – Intent is to show the approximate height relationship between the dome and Dorm A.
- Key Points of Interest:
  - Telescope and Dome are already purchased by UHH.
  - Existing grouping of trees to remain.
  - No known archaeological sites within project area.
  - Proximity to Access Road / Access Road Impacts.
  - Existing Cesspool to be closed in a separate project.
  - Footing depths will be minimized where possible while remaining in accordance with geotechnical recommendations.
  - Intent is to keep removed fill on the mountain through coordination with MKSS and utilize removed materials and/or native fill from existing stockpiles if needed for any fill required.

### **Geotechnical Engineering Report**

- Purpose of report:
  - Provide information on the soil properties and recommendations to be used in the structural design and for excavation and backfill.
  - Provides recommendations for services during construction.
- Key Points of Interest:
  - No boring conducted or anticipated.
  - Page ii – Summary of Findings and Recommendations (pg 9 of 61 in the the pdf).

### **Targeted Soil Screen Report**

- Purpose of study:
  - Collect and check soil samples taken from the project site for arsenic, barium, cadmium, chromium, lead, selenium, silver, mercury and organochlorinated pesticide contaminated soils.
- Key Points of Interest
  - Testing did not detect any levels that would prohibit unrestricted land use of the site.
  - Section 2.0 Executive Summary pg 2-3 (28-29 of 61 in the pdf).