Proposal for utility and service supply locations

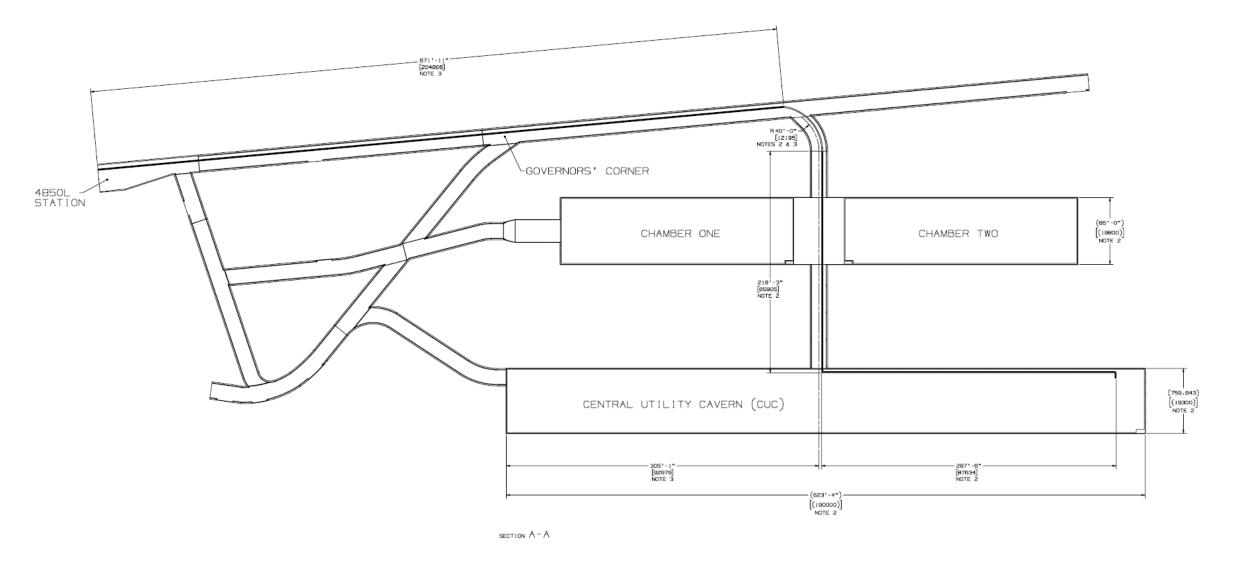
Jack Fowler

2018-June-05

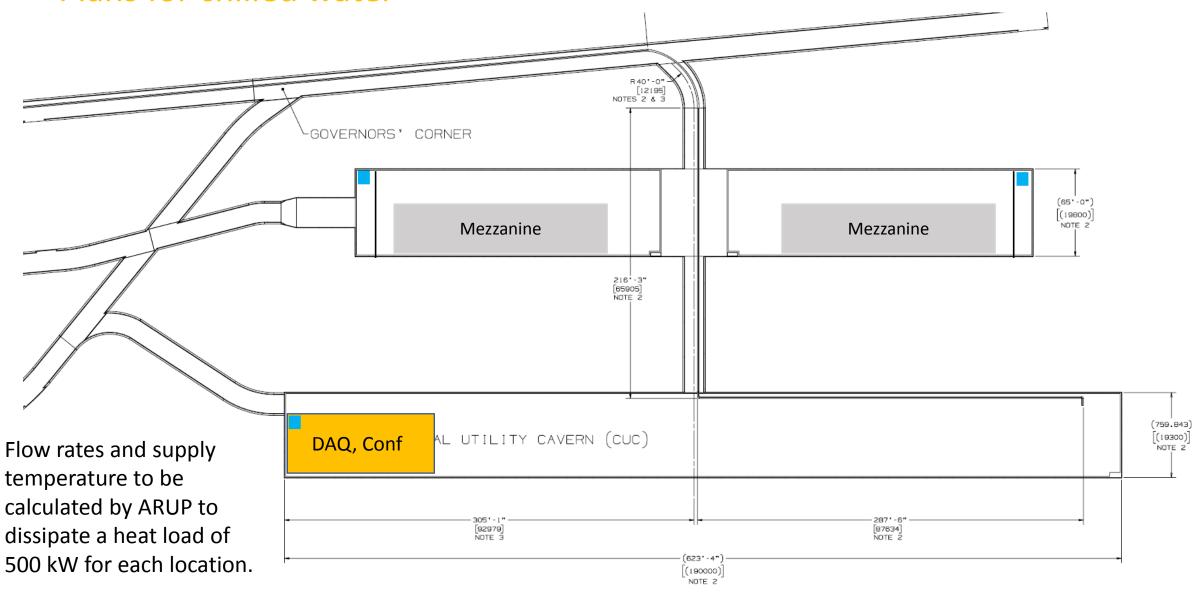
Current plans for local services and utilities underground

- The current plan is for DUNE and LBNF to provide the required locations for service locations throughout the underground spaces.
 Along with location, the quantities and specifications for these services should be included.
- The local distribution for these services will be decided and performed at a later date when planning is more mature.
- Also it is possible that there will be several configurations needed over time in some locations. How to implement this will be decided later.
- This does not include any specific services that listed in the current requirements. Eg. Power for detector and DAQ, power for cryogenic equipment

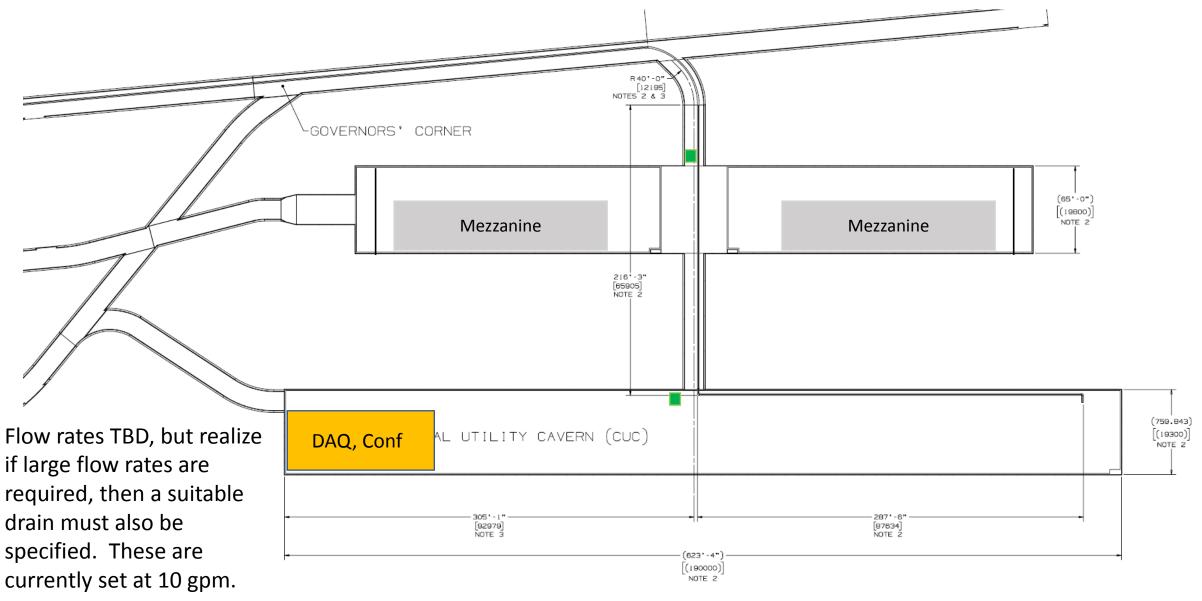
Underground layout for cavern 1 and the CUC



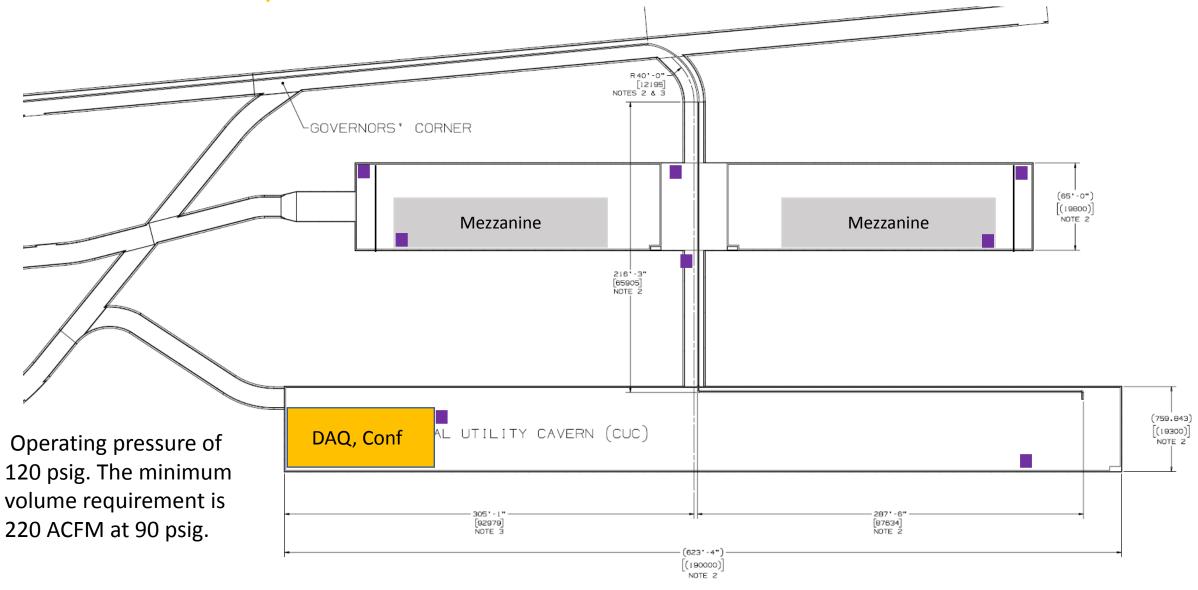
Plans for chilled water



Plans for industrial water



Plans for compressed air



Plans for electrical service panels

