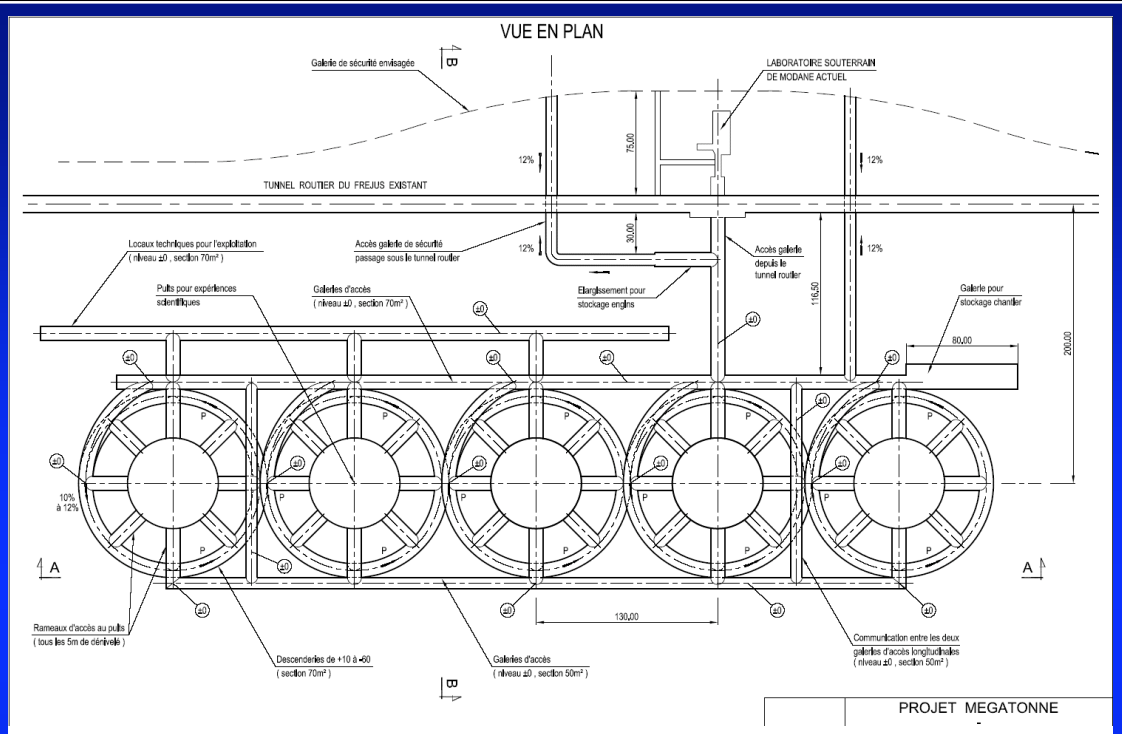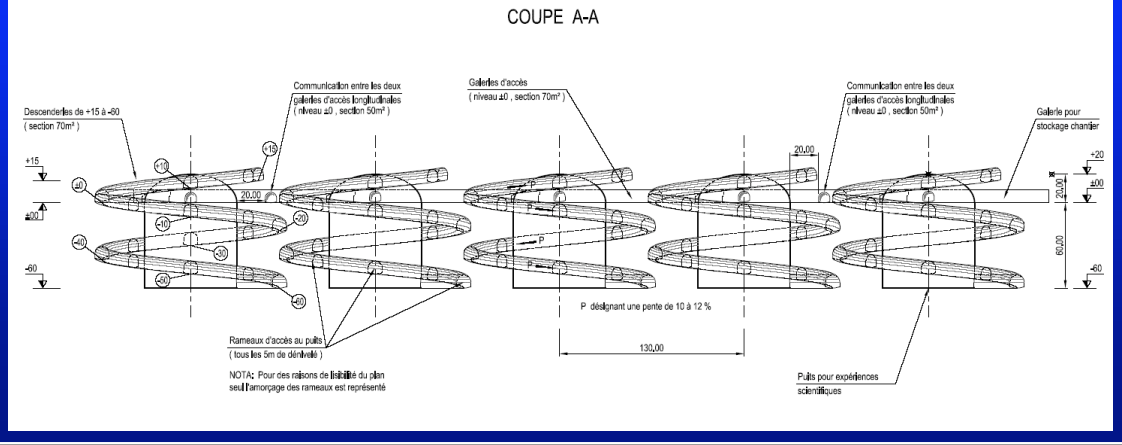Megatonne project (SETEC-STONE)