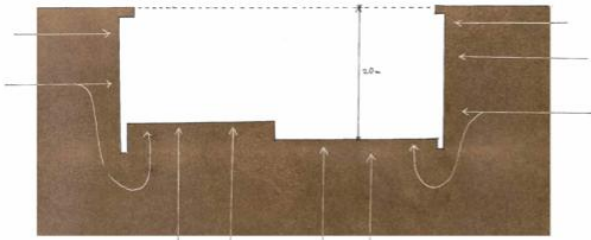
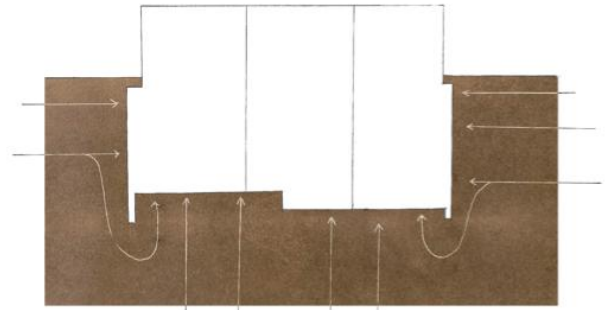


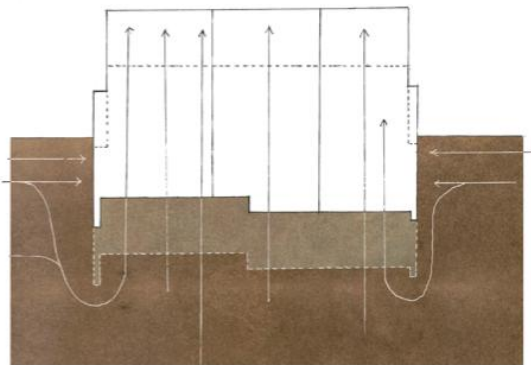
Mappings summarizing movements of excavation process and counteracting forces of both clay and props



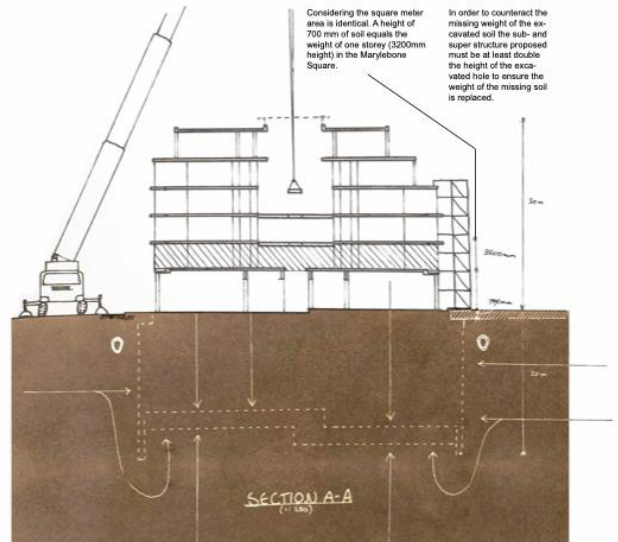
In this instance the amount of soil removed...



makes the clay expand forcefully in an attempt to fill its missing void...



To ensure the proposed building is not pushed upwards...



a 1200mm reinforced concrete raft is added to the building's foundation for extra weight.