

2012 FIRST PLACE

Justin Chapman

LYCEUM

*A traveling fellowship in Architecture*

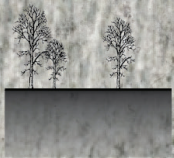
STRATIFIED



Industrial practices, such as the process of quarrying, impact the natural environment.

Often times, mineral extraction sites are rendered unusable and they become abandoned monuments of industrial practice. Broken areas depicted as rubble dumping grounds possess a great potential for an architectural intervention - one that reconstitutes the broken physical remains of industrial practice and demonstrates the beautiful byproduct of the granite mining process - the stratified shear wall.

completely natural site, untouched by industry



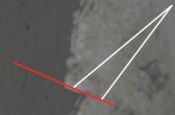
immediate site barren, granite rubble, a testament to industry's often destructive nature



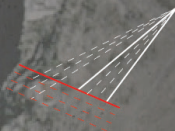
an need to reconstitute the broken landscape and emphasize the stratified beauty of the mining industry's process



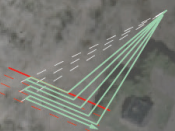
abstraction of main features found in immediate context.  
topographic lines  
bearing shear wall

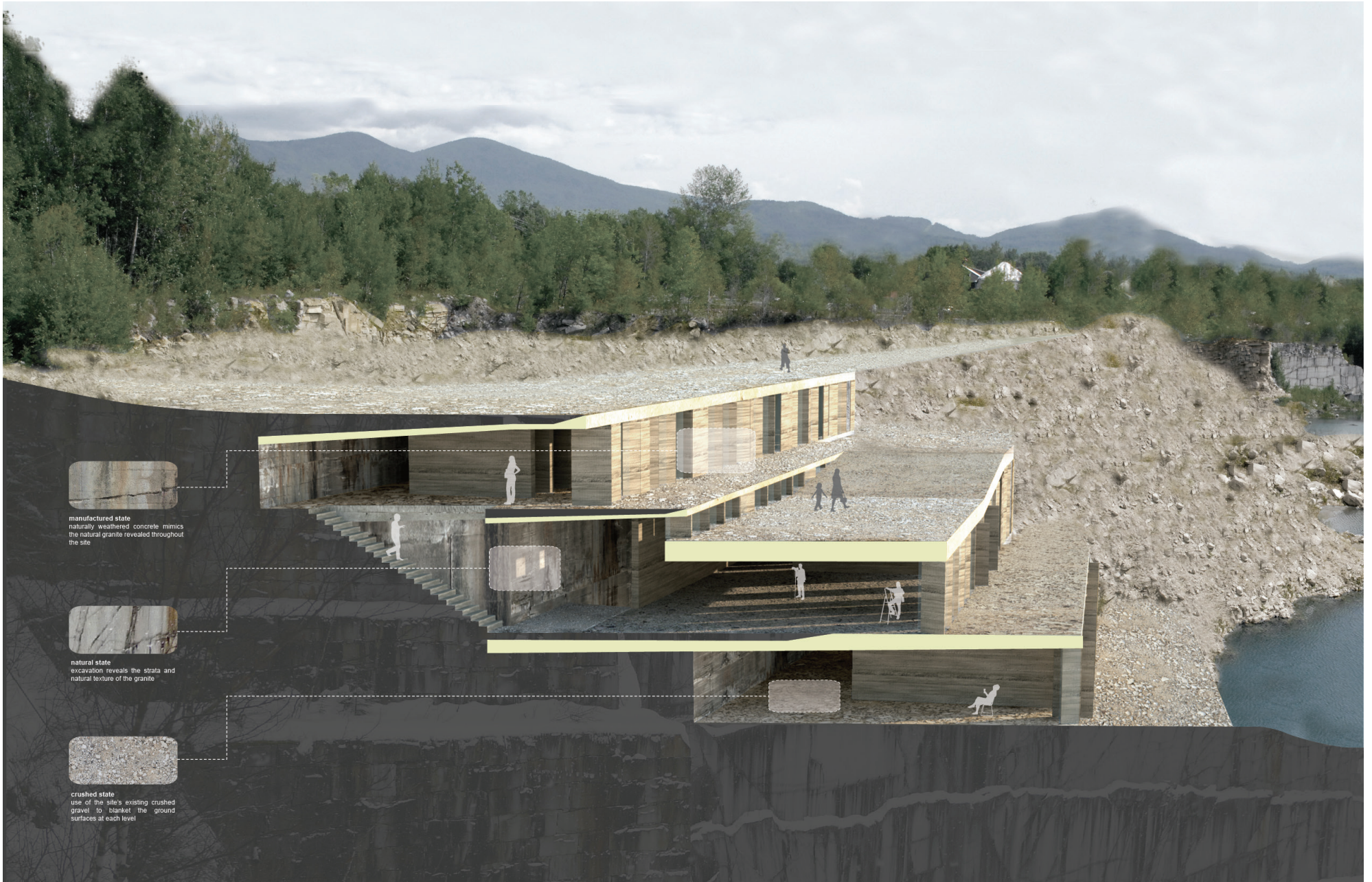


array of abstract lines to create strata and distribute program.  
radial array  
approximate array

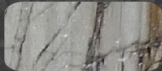


arrays create a procession that cascades throughout the strata





**manufactured state**  
naturally weathered concrete mimics the natural granite revealed throughout the site



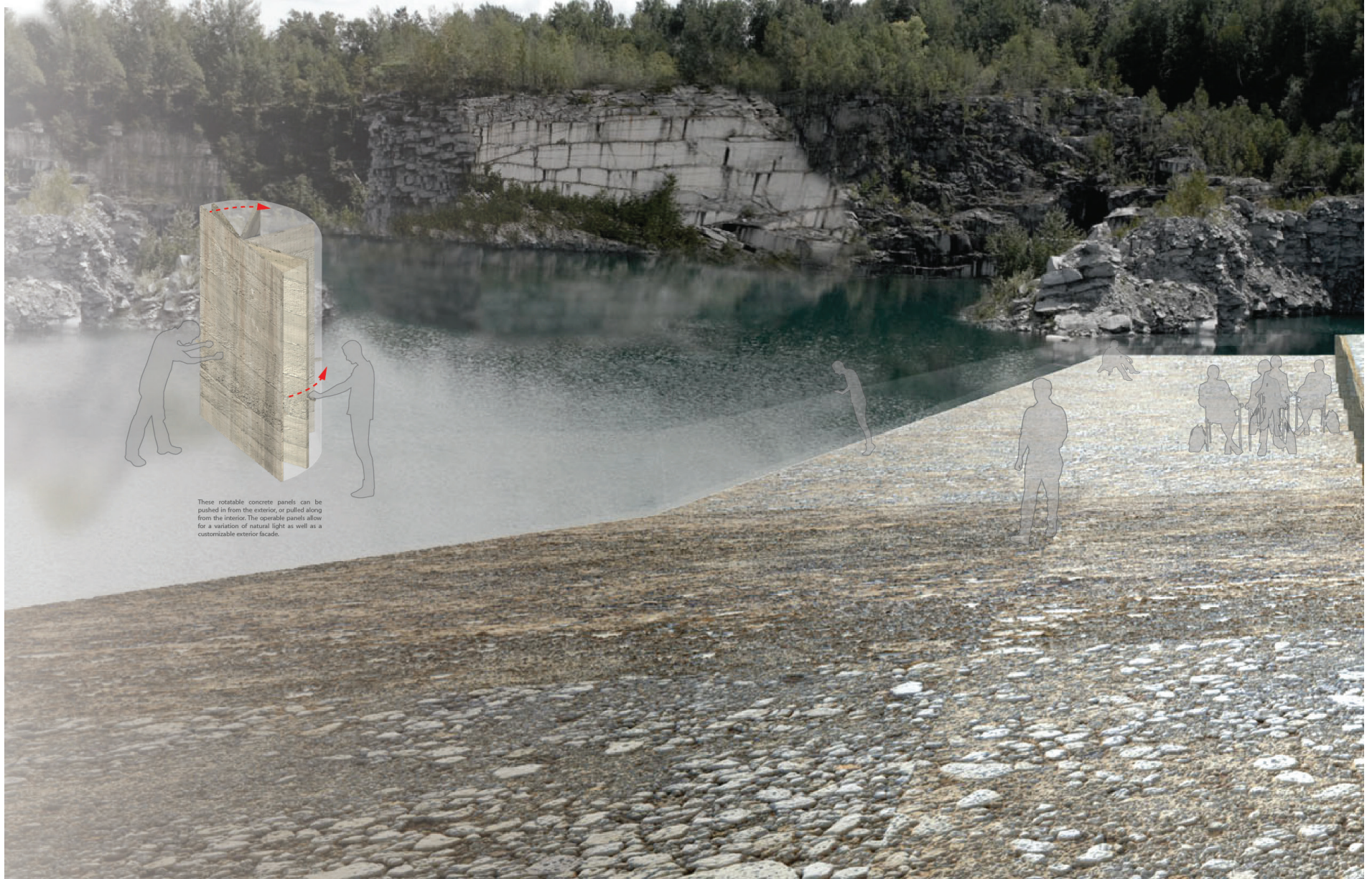
**natural state**  
excavation reveals the strata and natural texture of the granite



**crushed state**  
use of the site's existing crushed gravel to blanket the ground surfaces at each level







These rotatable concrete panels can be pushed in from the exterior, or pulled along from the interior. The operable panels allow for a variation of natural light as well as a customizable exterior facade.

