

BARRY JOHNS (ARCHITECTURE) LIMITED



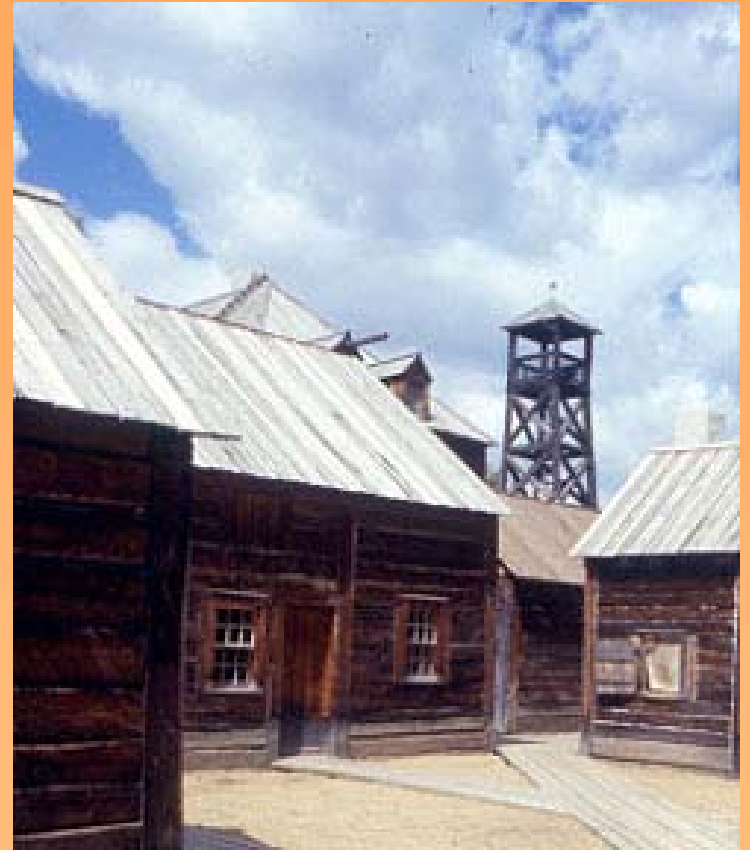
**university of calgary
faculty of environmental design
architecture program
winter term vertical studio**

studio instructor: barry johns
assistants: troy smith & chad oberg

sustainability



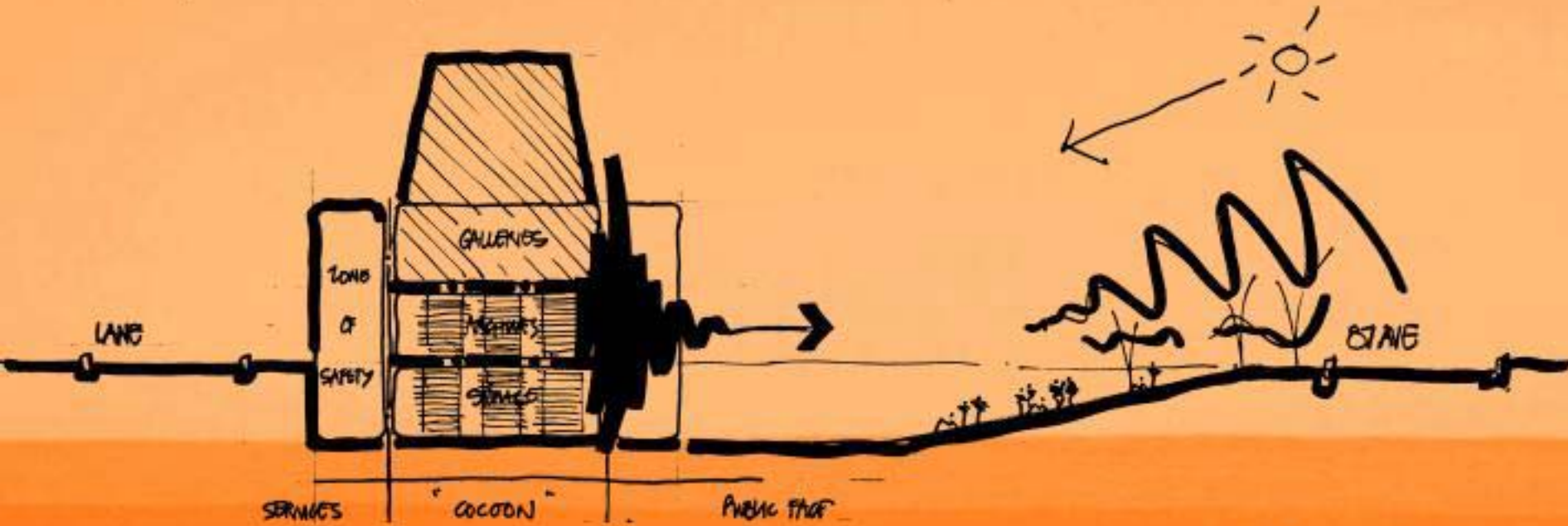
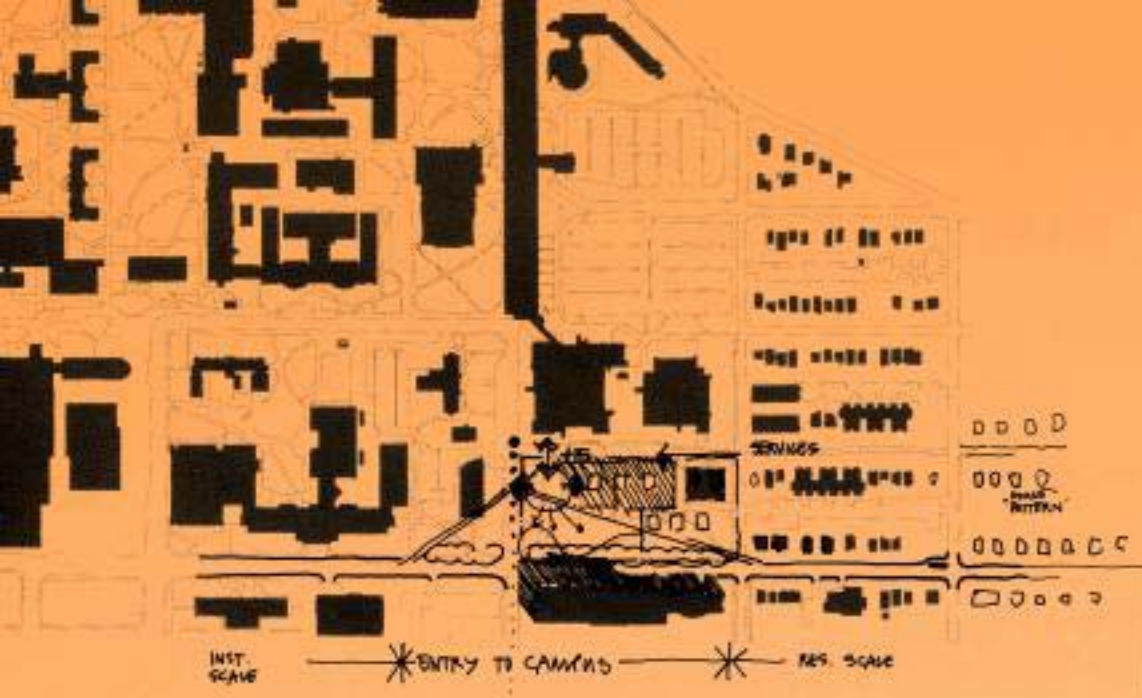
sustainability

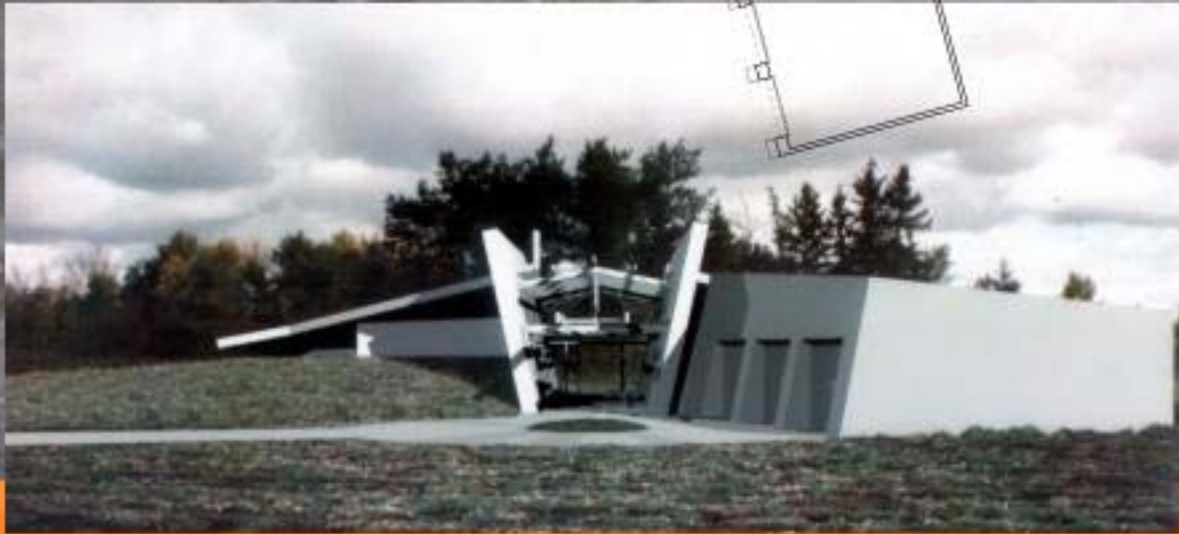
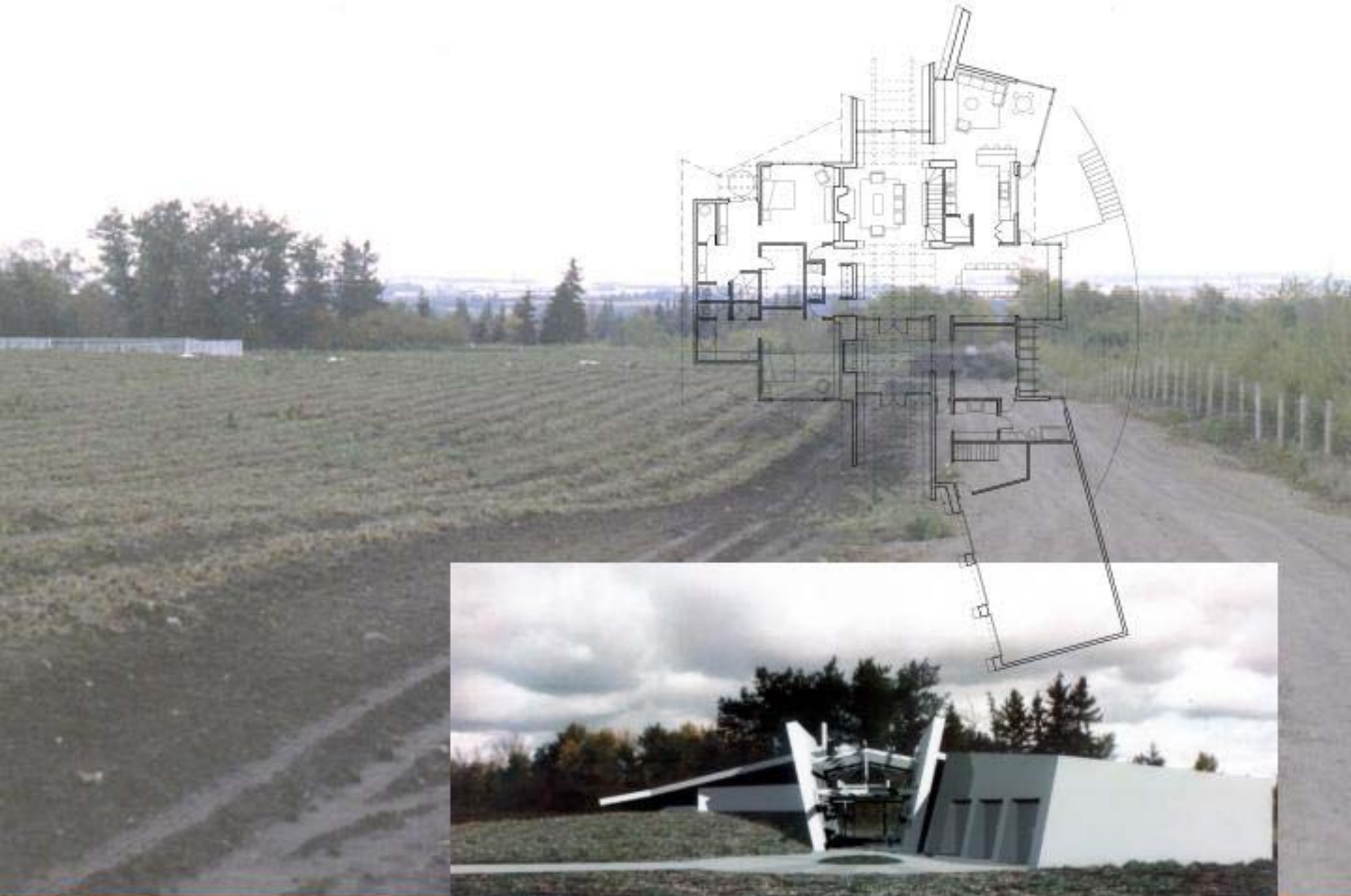


sustainability

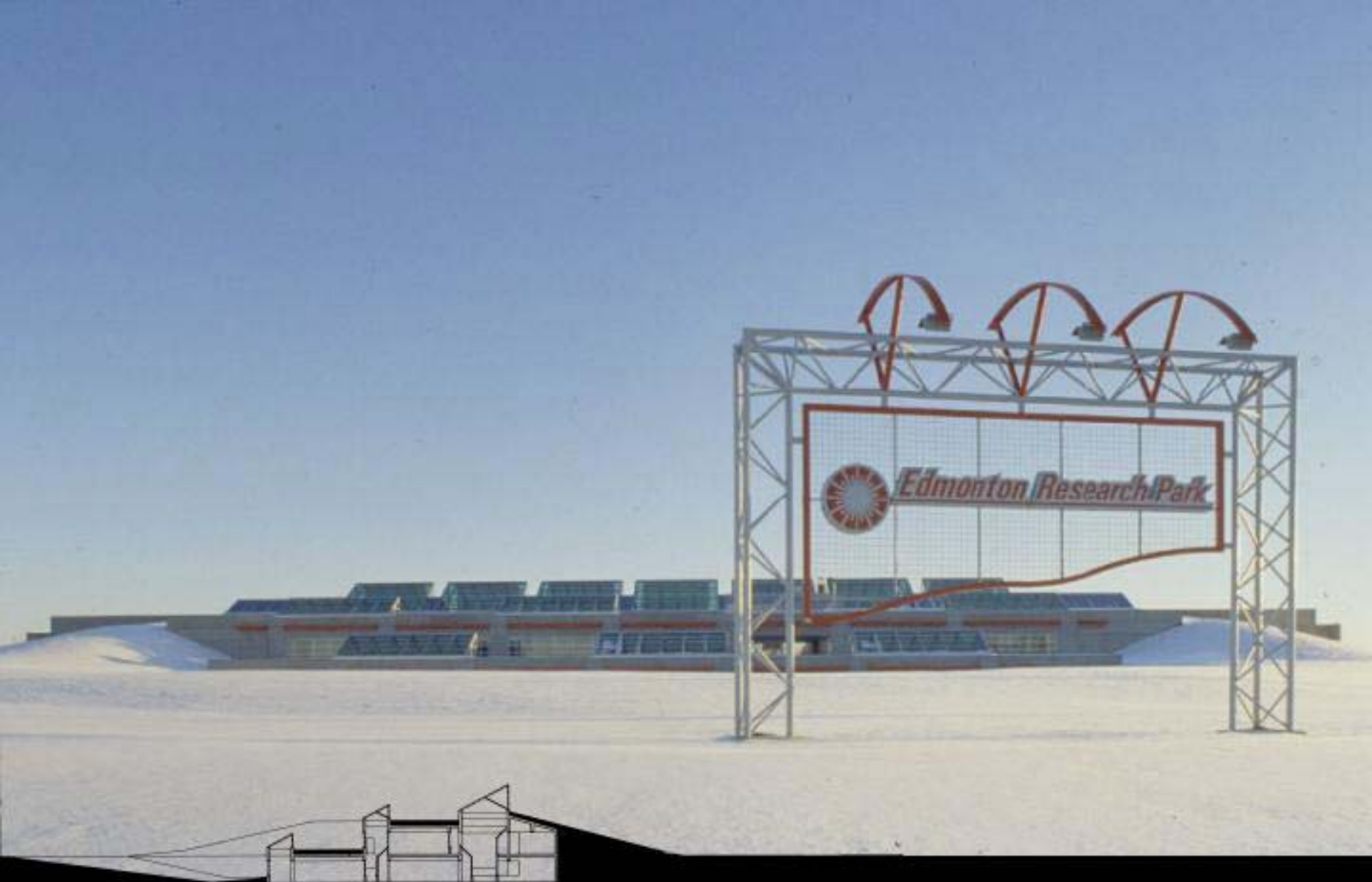


sustainability





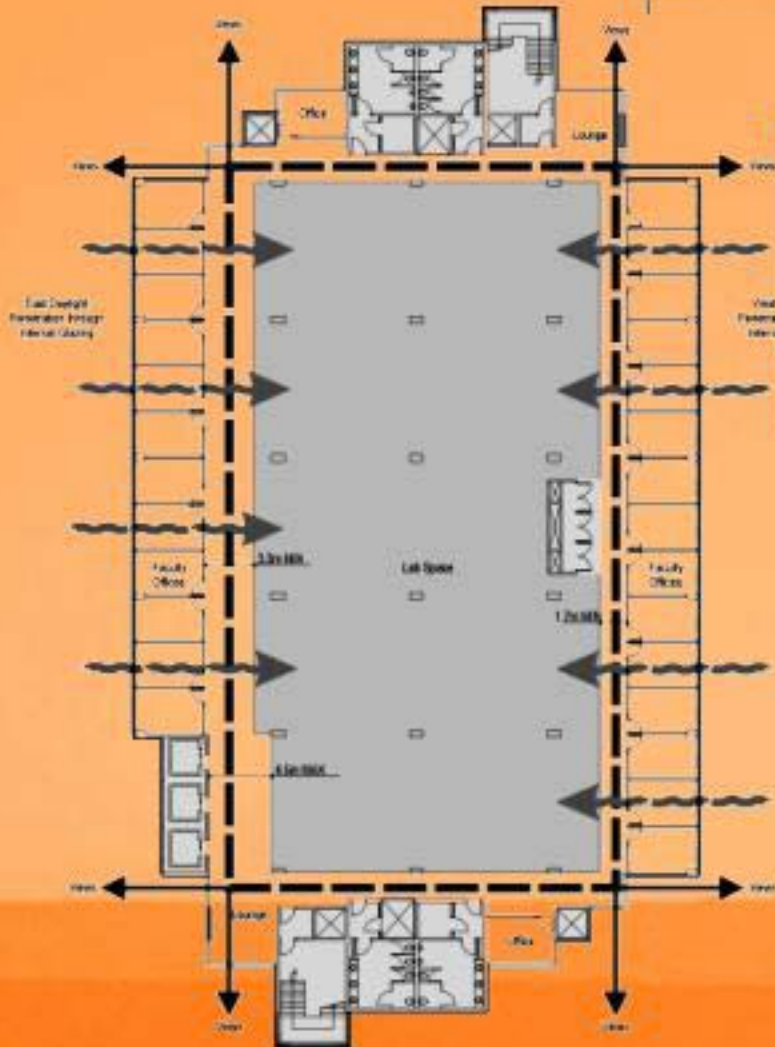
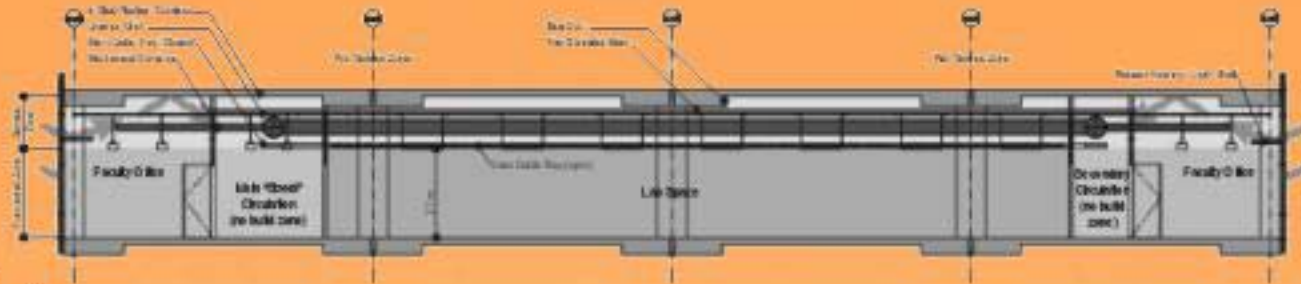
sustainability



sustainability



sustainability





studio part one: research the tectonics of sustainability

LEED criteria:
site sustainability
roof sustainability
building environment



studio part one: research
the tectonics of sustainability

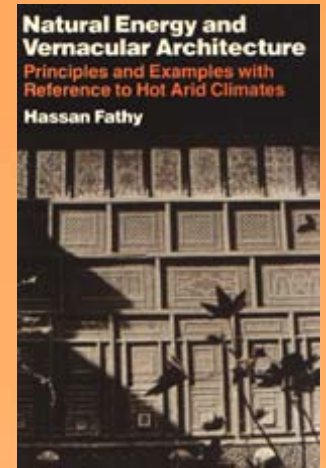
commerzbank headquarters, frankfurt - foster and partners



studio part one: research
the tectonics of sustainability



tribunal de grande instance, bordeaux - richard rogers partnership



studio part one: research
the tectonics of sustainability



villa al-kufa, iraq - hassan fathy



studio part one: research
the tectonics of sustainability

photonics centre, berlin - sauerbrach and hutton architects



studio part one: research
the tectonics of sustainability



federal building and courthouse, phoenix - richard meier architects



studio part one: research
the tectonics of sustainability

gap inc. 901 cherry ave, san bruno,ca - william mcdonough + partners



studio part one: research
the tectonics of sustainability

nokia house, espoo, finland - helin & siitonen architect/pekka helin



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the tectonics of sustainability

linz design centre, linz - thomas herzog & partners

sustainability



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the tectonics of sustainability

telus/william farrell building, vancouver - busby + associates



studio part one: research
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beyeler art museum, basil - renzo piano building workshop



studio part one: research
the tectonics of sustainability



minnaert building, utrecht - neutelings riedijk architecten



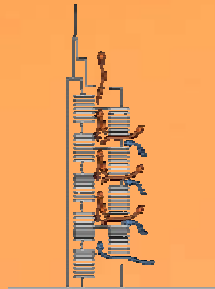
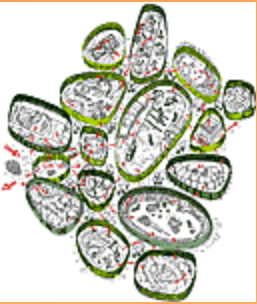
studio part two: design project
the sustainability of tectonics

**a new library for the
university of calgary**



phase one:
site and master planning

studio part two: design project
the sustainability of tectonics



phase two:
schematic design

studio part two: design project
the sustainability of tectonics



phase three:
detailed design

studio part two: design project
the sustainability of tectonics



phase four:
pulling it all together

studio part two: design project
the sustainability of tectonics