Matthew Bergstrom

Digital Thesis Sketchbook

Designing for Aging
Arch 772 - Spring 2010
Mark Barnhouse
THESIS

- CONTEXT

CURRENT SITUATION VS. FUTURE SITUATION
- CLOSING OFF OF LIFE vs. CURE'S OPENING OF LIFE

How Does Now compare to Future:

Restriction

Rehabilitation

DAM - Restrictive Flow
Building up Energy

Restrictive "Hit Away"

CURRENT

FUTURE

Flow Free

CURRENT

FUTURE

How Can Architecture Affect Aging?

Mobility - Improved
Health - Improved
CURRENT

Restrictions

Disease
Mosquito
S vanity.

DETERMINATION

lengthen
Tighten
'Smooth' out

CURRENT
FRAT / FALC ADIPE

FUTURE
EXTEND LIFE CURVE

LENGTHEN LIFE
Detune NEG.
LESS EFFECT
How will Aging affect People in the future?

Less of an issue.

Filtering
Less people fell through cracks.
How does arch respond to an aging population?
How can arch affect aging?
How can aging affect arch?

Filter

Advances in medical care lead to less people dying.

Current

Birth
Live healthy life
Hit old age
Become unravelled
Fall apart
Die

Future

Birth
Live healthy life
Old age hills
Advances in medical care
Maintain health
Extend life
Die

DAM

Crosslake dam

Lake side = current
Restricted
No flow

River side = future
Freedom
Flow
Open up
How Does Connect translate to Arch?

Weaving Functions/Spaces Together
Interlocking Work Together
Connection to Community

Tension
Positive Frames
Shadows Winter/Summer

Kenneth Snelson

Lafete Park.
Edges.
Trees.
Figure Ground.
Program.
Structural/ Spatial Analysis.

Filter/ing

Like Deciduous Trees Filter Light
Medical Care is Like a Filter
Current - Winter
Future - Summer
Central Atrium

- Shows Tension
- Sense of Community
- For limited mobility
- Maintains indoors
- Spine of nursing home
Tension structure in atrium.

- Line parti + spine.

Atrium creates:
- Mainstreet for less mobility
- Community
- Link between town & assisted
- Natural light to interior.
Keep working with cables.
Continue to ground.
Too conventional.
Move into center of site more?
Tree lines.
Why bent?
Keep layout spaces.
Keep moving.
Scors

Individual Scale, Balconies, Edges.

Individual Plan.
John W. Johnson
Proposed Hotel
Tommarino, Swiss Bank

slots
individual space,
balconies
edges
individual roof
Boat Mast House: Yacht House.

Aluminum vs. Steel.

Res. Floor Loads.

Tension ≠ Bad
Tension ≠ Support

80' x 20'
1/4" 20" 1/8

4" [2]
10"

10"
10'6"2'
FREE BED
QUEEN.
MECH GAP IN
UNIT.
Each unit!
More square footage.

Door swing ADA.25".

S.N.
Mastwires
Suspend.
Farnsworth
Connections on perimeter.
TIGHTEN BOLTS.

MATERIALS: - DECKING

ROOF DETAILS.
Deicing Materials Recycled.

- Standing Seam
- Seal End of Panel
- Flashing
- Curtain Wall
MID TERM COMMENTS

MATERIAL

- "Too much of a good thing"
- DETAILS
- SECTION PERSPECTIVES.
- END CONDITION - STRUCTURE.
- Climate connection to assisted living?
- Water feature?
- Diffuser wood
- Sheetrock
- Natural linen
- Methyl BMC
- Pond
- Brick

SPIDER CRANES,
Greg Elsner

+ Maps
+ Glasscrete

Board layout
Texture

THE FILE OR DIRECTORY | PROGRAM FILES | MCAFEE | VIRUSCAN
ENTERED. MY FILES .dll IS CORRUPT AND UNREADABLE
PLEASE RUN THE CHILDISH UTILITY