

Tye Farrow
Farrow Partners Architects
IX CBDEH – Brazilian Congress for the Development
of Hospital Buildings

constructing health

in hospital environments

www.farrowpartners.ca
tye@farrowpartners.ca
[tyefarrow@instagram](https://www.instagram.com/tyefarrow)
[tyefarrow@linkedin](https://www.linkedin.com/in/tyefarrow)

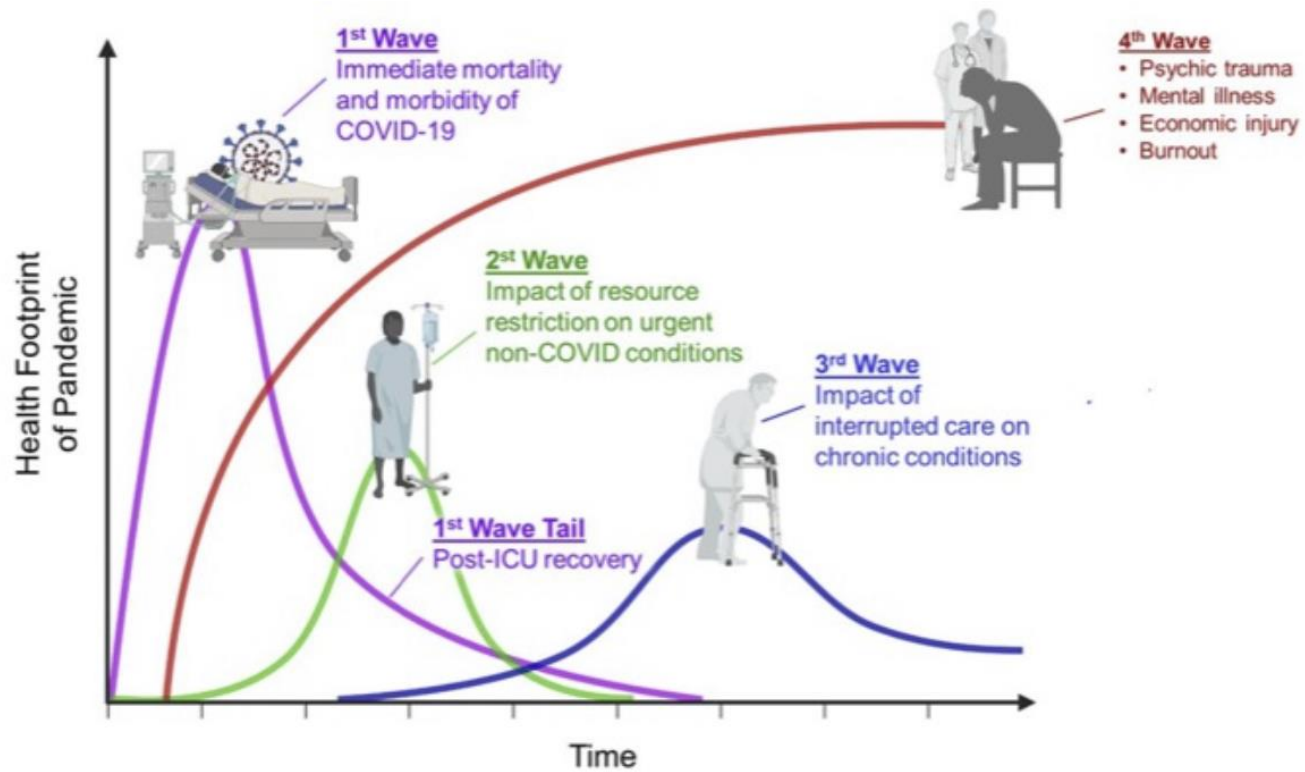
how can we construct health?



what causes health?



Health Footprint of a Pandemic – The Four Waves



high performance buildings

human performance buildings

intentionally *tune* space

**stimulate learning, memory,
enhance creativity, perception,
empathy, emotions &
social interaction**

activate optimal health

agenda



agenda

- **context - space & brain-mind health**
- **design - ecological, social, physical, mind health**
- **definition - of health**




agenda

- context - space & brain-mind health
- design - ecological, social, physical, mind health
- definition - of health
- **our mind & perception - constructed theory of emotion**
- **our mind & enriched relationships - people to people**
- **our mind & enriched environments - people to place**

agenda

- context - space & brain-mind health
- design - ecological, social, physical, mind health
- definition - of health
- our mind & perception - constructed theory of emotion
- our mind & enriched relationships - people to people
- our mind & enriched environments - people to place
- **characteristics of enriched environments**
- **examples - hospitals of different size & functions**

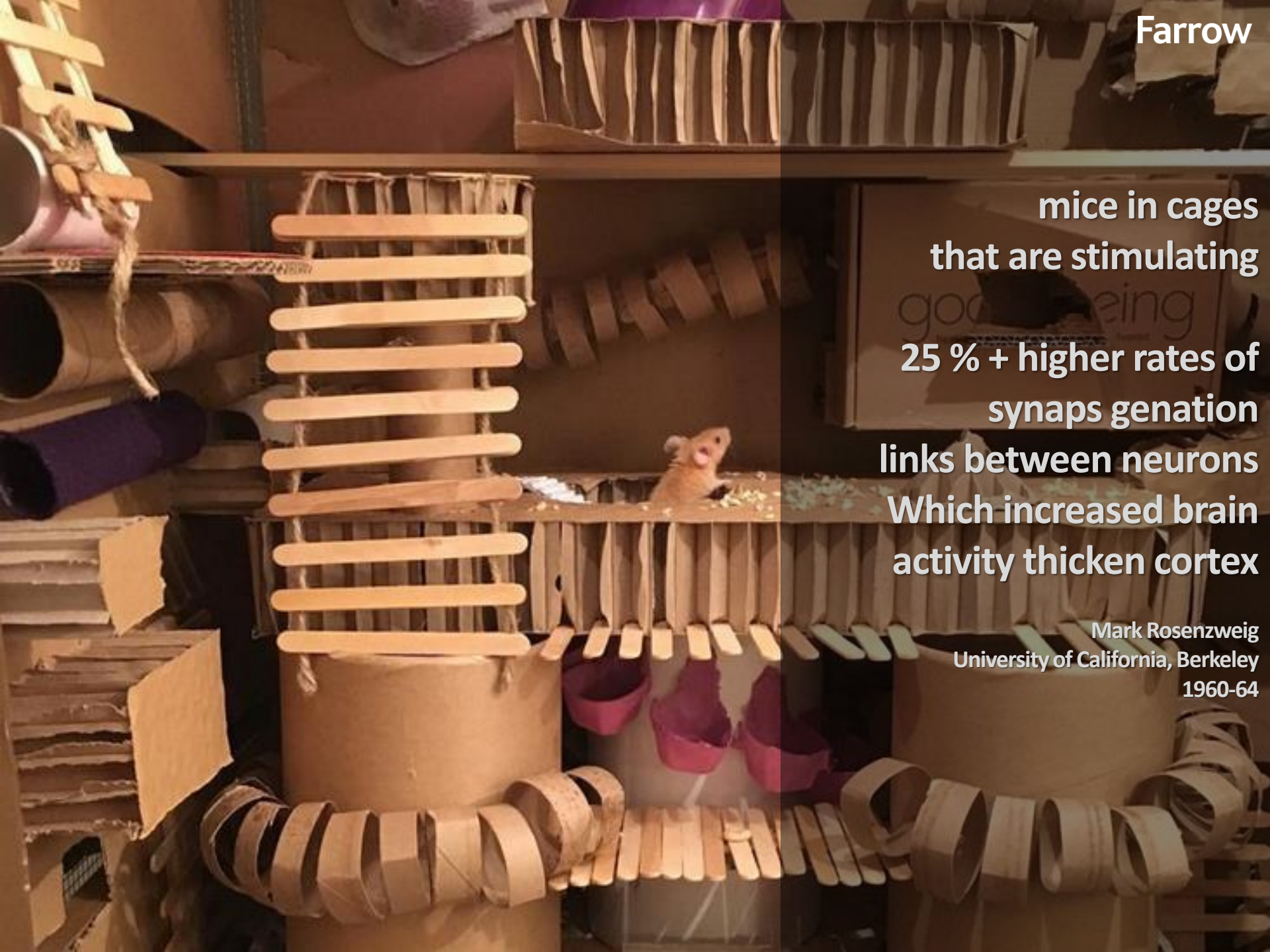
3 Canada, 2 Israel, 1 Ireland, & Covid ICU

A white mouse is shown in profile, facing right, as it interacts with a thick, multi-colored braided rope toy. The mouse is positioned on the left side of the frame, with its head and front paws on the rope. The rope is braided with vibrant colors including red, orange, yellow, green, blue, and white. The background consists of a light-colored wooden enclosure with a vertical post. The floor is covered with a white, textured material, possibly bedding or a mat. The overall scene is brightly lit, highlighting the mouse's fur and the colors of the rope.

mice raised as pets
performed better on
problem solving tests
than mice raised in lab cages

Donald O. Hebb 1947

Farrow

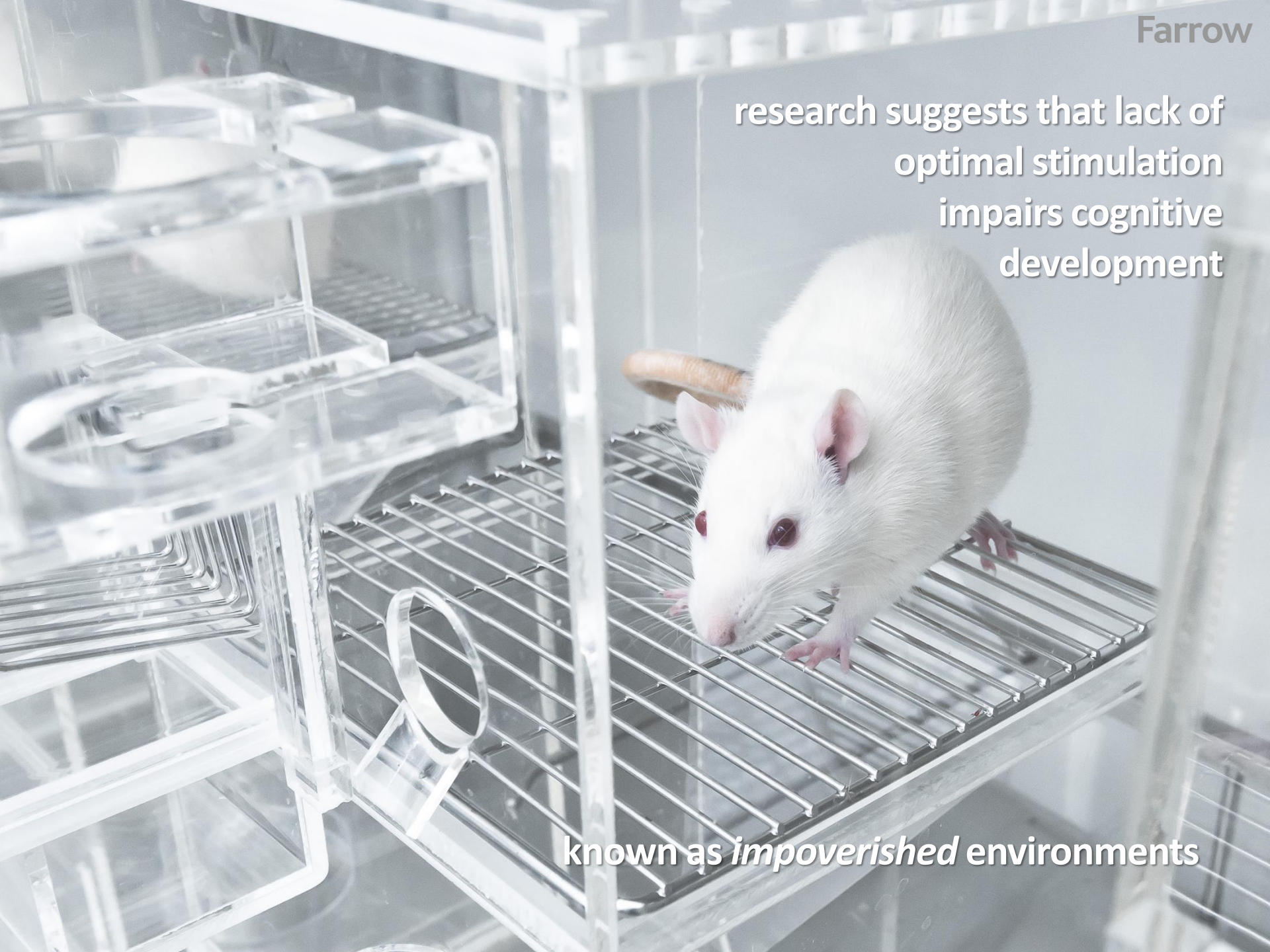


mice in cages
that are stimulating
25% + higher rates of
synaps generation
links between neurons
Which increased brain
activity thicken cortex

Mark Rosenzweig
University of California, Berkeley
1960-64

research suggests that lack of
optimal stimulation
impairs cognitive
development

known as *impoverished* environments



Robert King
part of 'Angola Three'

spent 29 years
solitary confinement
23 hours a day
windowless prison cell
virtually no human contact

damaged hippocampus
memory, spatial orientation & emotion regulation
lost ability to navigate, unable to recognize faces

areas of his brain not being used whither

'white room torture'

impoverished environments

Farrow









what if we were
**dedicated to building hospitals that
cause health**

environments
that were health-giving to the
patients, visitors & staff

what if we no longer
tolerated design that causes
dis-ease, depression & boredom





space isn't neutral



cause health



A modern hospital room featuring a patient bed in the center, medical equipment on the right, and large windows overlooking a green landscape. The room is bright and clean, with a blue wall and a white ceiling. The text "health giving" is overlaid in the center of the image.

health *giving*



erodes our ability to

flourish

ecological, physical, emotional, and community health



is this relevant?

**to what
& how we build**

ecological health



ecological health

societal health



societal health



physical health

physical health



Introduction to LEED

LEED, or Leadership in Energy & Environmental Design, is a green building certification program that recognizes best-in-class building strategies and practices. To receive LEED certification, building projects satisfy prerequisites and earn points to achieve different levels of certification. Prerequisites and credits differ for each rating system, and teams choose the best fit for their project.

5 Rating systems

BD+C

BUILDING DESIGN + CONSTRUCTION
New Construction
Core & Shell
Schools
Retail
Healthcare

ID+C

INTERIOR DESIGN + CONSTRUCTION
Commercial Interiors
Retail
Hospitality

O+M

OPERATION + MAINTENANCE
Existing Buildings
Data Centres
Warehouses & Distribution
Hospitality
Schools

ND

NEIGHBOURHOOD DEVELOPMENT
New land developments
Land Redevelopment
Residential
Mixed Use
Commercial

HOMES

HOUSES + UNITS
Single Homes
Low Rise Multi Unit
Mid Rise Multi Unit

LEED Building Certification

Living Building Challenge

Fitwel Rating System

Delos WELL Building Standard

NYC Active Design Guidelines

Credit Categories

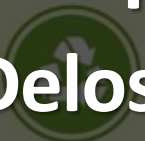
Within each of the credit categories, there are specific prerequisites projects must satisfy and a variety of credits projects can pursue to earn points. The number of points the project earns determines its level of LEED certification.



INTEGRATIVE PROCESS
Encouraging cross discipline collaboration



LOCATION & TRANSPORTATION
Access to variety of transport and/or credit for constrained sites



MATERIALS & RESOURCES
Use of sustainable materials and resources



WATER EFFICIENCY
Reduce water consumption



ENERGY & ATMOSPHERE
Reduce energy consumption and greenhouse gas emissions



SUSTAINABLE SITES
Protect and enhance natural resources



INDOOR ENVIRONMENT
Improve indoor air quality and occupant health



INNOVATION

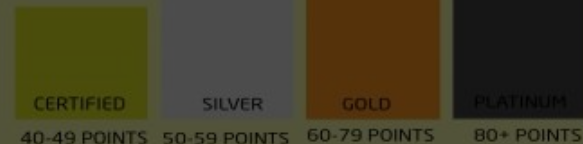


REGIONAL PRIORITY
Geographic environmental priorities



LEED is administered by the US Green Building Council. For information on the scheme go to www.usgbc.com

The Ratings



Introduction to LEED

LEED, or Leadership in Energy & Environmental Design, is a green building certification program that recognizes best-in-class building strategies and practices. To receive LEED certification, building projects satisfy prerequisites and earn points to achieve different levels of certification. Prerequisites and credits differ for each rating system, and teams choose the best fit for their project.

5 Rating systems

BD+C

BUILDING DESIGN + CONSTRUCTION
New Construction
Core & Shell
Schools
Retail
Healthcare
Data Centres
Hospitality
Warehouses & Distribution

ID+C

INTERIOR DESIGN + CONSTRUCTION
Commercial Interiors
Retail
Hospitality

O+M

OPERATION + MAINTENANCE
Existing Buildings
Data Centres
Warehouses & Distribution
Hospitality
Schools
Retail

ND

NEIGHBOURHOOD DEVELOPMENT
New land developments
Land Redevelopment
Residential
Mixed Use
Commercial
Industrial

HOMES

HOUSES + UNITS
Single Homes
Low Rise Multi Unit
Mid Rise Multi Unit

Credit Categories

Each rating system is made up of a combination of credit categories.

Within each of the credit categories, there are specific prerequisites projects must satisfy and a variety of credits projects can pursue to earn points. The number of points the project earns determines its level of LEED certification.



INTEGRATIVE PROCESS
Encouraging cross discipline collaboration



LOCATION & TRANSPORTATION
Access to variety of transport and/or credit for constrained sites



MATERIALS & RESOURCES
Using sustainable materials & reducing waste



WATER EFFICIENCY
Smart use and reuse of water



ENERGY & ATMOSPHERE
Energy Performance



SUSTAINABLE SITES
Minimising impact on ecosystems & water resources



INDOOR ENVIRONMENT
Indoor air quality & access to natural light & views



INNOVATION



REGIONAL PRIORITY
Geographic environmental priorities

standard of care



LEED is administered by the US Green Building Council. For information on the scheme go to www.usgbc.com

The Ratings



hardware



operating system



interoceptive
proprioceptive
exteroceptive

operating system



mind health

A glowing blue wireframe brain with neural connections, set against a black background. The brain is rendered in a semi-transparent, glowing blue color, showing the intricate network of neural pathways and the overall structure of the brain. The text "neuroscience + architecture" is overlaid in white, bold, sans-serif font across the center of the brain.

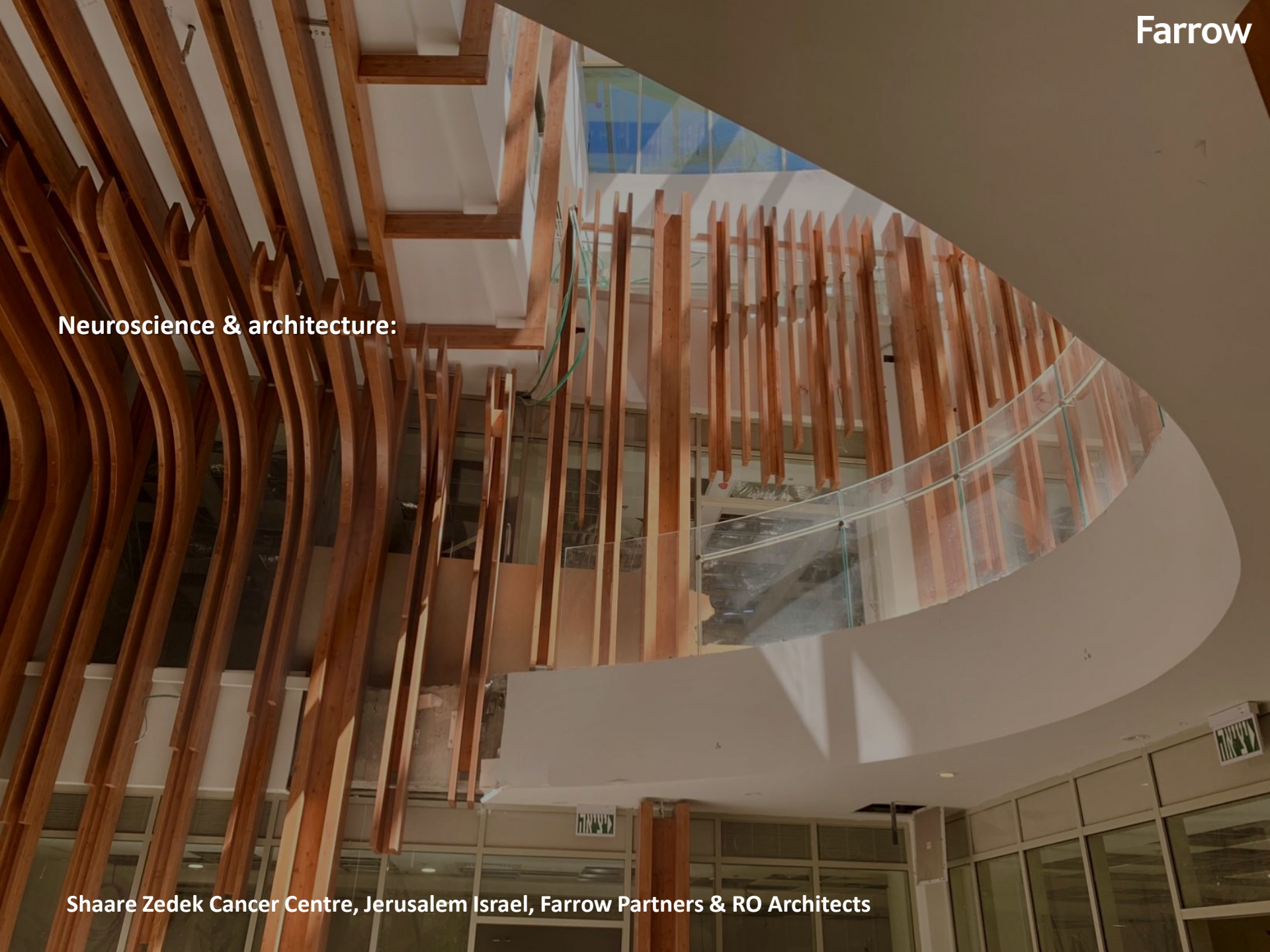
neuroscience + architecture

cognitive ↔ pre-cognitive

physiological ↔ psychological

Neuroscience & architecture:

Shaare Zedek Cancer Centre, Jerusalem Israel, Farrow Partners & RO Architects



neuroscience & architecture:

**neurogenesis occurs throughout our lives
the process in which neurons are formed
& is responsible for our ability to learn & adapt
& *environment plays a role in the process***

on a neurobiological level, positive stimulating physical surroundings:

**reduces cortisol levels (stress/anxiety hormone)
decreasing blood pressure
enhance learning & memory**

importantly strengthening neural networks

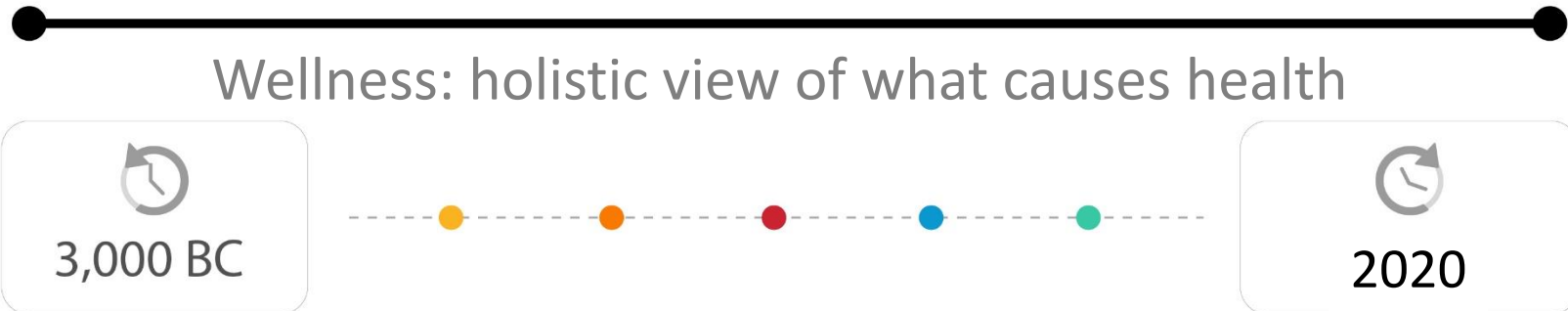
on a neurobiological level, positive stimulating physical surroundings:

space as a
non-invasive therapeutic treatment
that alleviates the effects of
neuro-degeneration

where space activates optimal health

has our view of health
has changed over time?

Context



Pathogenic

Salutogenic




Disease care

1900's


Holistic health

Pathogenic

Salutogenic



there are 8,000 causes of disease and
only 80 known causes of health

3,000 BC Traditional Chinese Medicine



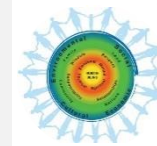
TCM applies a holistic perspective to achieving health & wellbeing, by cultivating harmony in one's life



1,000 BC First Nation Aboriginal Health & Wellbeing



Intersecting circles of health – concept of individual, enviro, culture, economic & societal



375 BC Ancient Greek - Aristotle



Eudaimonia – concept of *human flourishing*
central concept of ethics & philosophy



500 BC Ancient Greek - Hippocrates



Focus on preventing sickness vs treating disease
diet, lifestyle & environmental



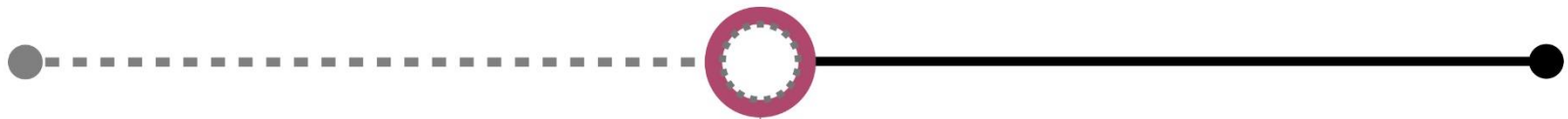
50 BC Ancient Roman Medicine



Preventing spread of disease
public health: aqueducts, sewers & public baths



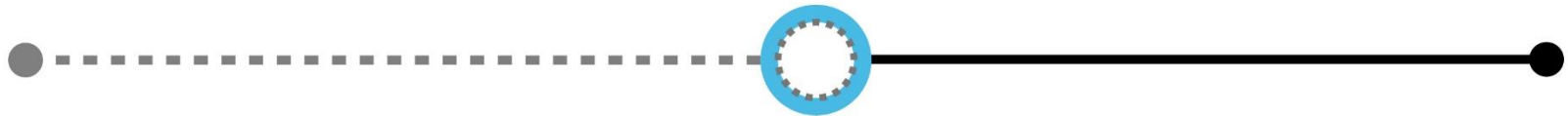
1600 – 1800's Wellness Concept Established



'State of well-being'
rise of homeopathy, hydrotherapy, herbalism,
exercise, nutrition, balanced fruit/veg diets,
osteopathy, chiropractic,
naturopathy - body self-healing, message therapy,
detoxification
spiritual arthrosophical medicine



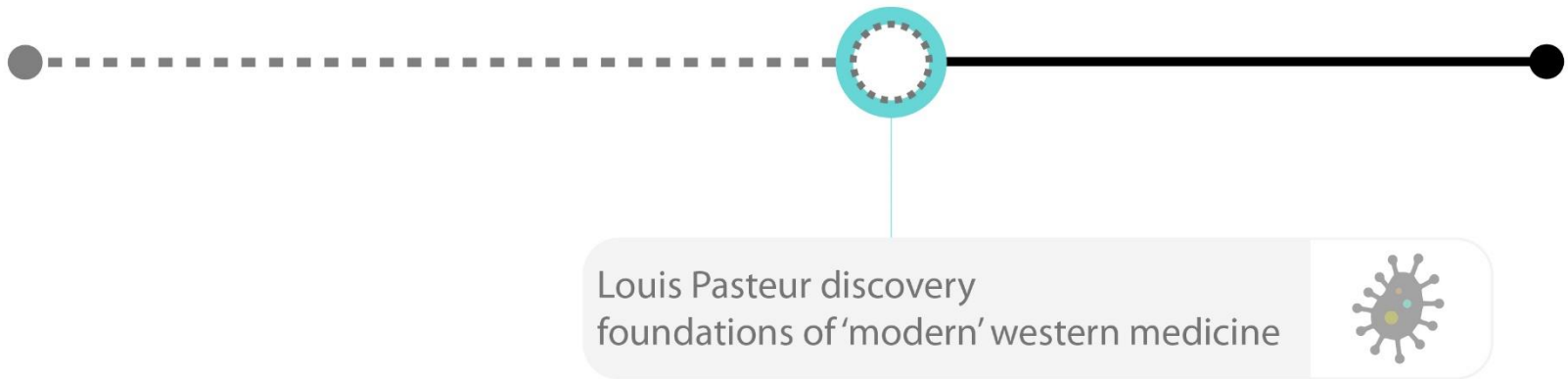
1854 London England Cholera Epidemic



John Snow English physician who discovered medical hygiene - connected the dots between the handle of a water well & spread of the disease of those that used it



1870 Germ Theory Established



1910 Carnegie Foundation Flexner Report



Critique of North American medical education
questioned all forms of medicine other than
bio-medical
sets stage for disease oriented evidenced based
medicine all other forms of medical education
ostracized



1920+ Life Expectancy Doubles, Poverty Cut, Prosperity



Massive Increase - Fertilizer, Farmed Land,
Energy, Water, & Fishing - Ecological Demise



1940's Rise of Chronic Disease



Reduced daily physical exertion
Marketing of tobacco
Changing food quality
Car-centric suburbs
'Common source epidemic'



1960-70's Birth of Wellness Movement



1960-Halbert L Dunn: "High-level Wellness"
1970's: Travis, Ardell, Hettler: comprehensive
wellness assessment tools, wellness centres &
National Wellness Institute



1971 Antonovsky Identifies 'Origins of Health'



Salutogenesis salus-health, genesis-origins

Sense of coherence

comprehensibility can understand events in your life & can anticipate future

Manageability

have the skills, support to take care of things; a sense of control

Meaningfulness

things are interesting, satisfying & a reason & purpose

Sense of purpose - most important determinant of health outcomes



1980-2014 Wellness Goes Mainstream

'wellness' enters the collective psyche & vocabulary
workplace wellness programs (\$40 bn industry-9% 3 bn wf)
fitness/spa, healthy diet, living, travel industries rapid growth
chronic disease crisis - unsustainable healthcare costs
diminishing healthcare workforce
governments shift focus to screening & prevention strategies
Harvard, Yale & Mayo Med Cntrs' shift to 'Integrative Medicine'



2014 – 2017 Growth of Global Wellness Economy



2014 first Global Wellness Economy Monitor report
measures size of global wellness economy
industries enabling wellness activities & lifestyles into daily life
2015 global healthcare expenditures \$7.3 trn
2015 wellness economy \$3.7 trn
2017 wellness economy \$4.2 trn - 6.4% growth annually
5.3% of global economic output
annually growth rate 2x global economic growth of 3.6%

Global Wellness Institute



2022 Optimal Health Acceleration



causing health by accelerating the physiological & psychological conditions of optimal health



accelerate
optimal health

how can space
accelerate
optimal health

architecture

is like

food

architecture

is like

food

Manners Maketh M
John L. "Jack" Wright

This above all: to thine own self
William Shakespeare

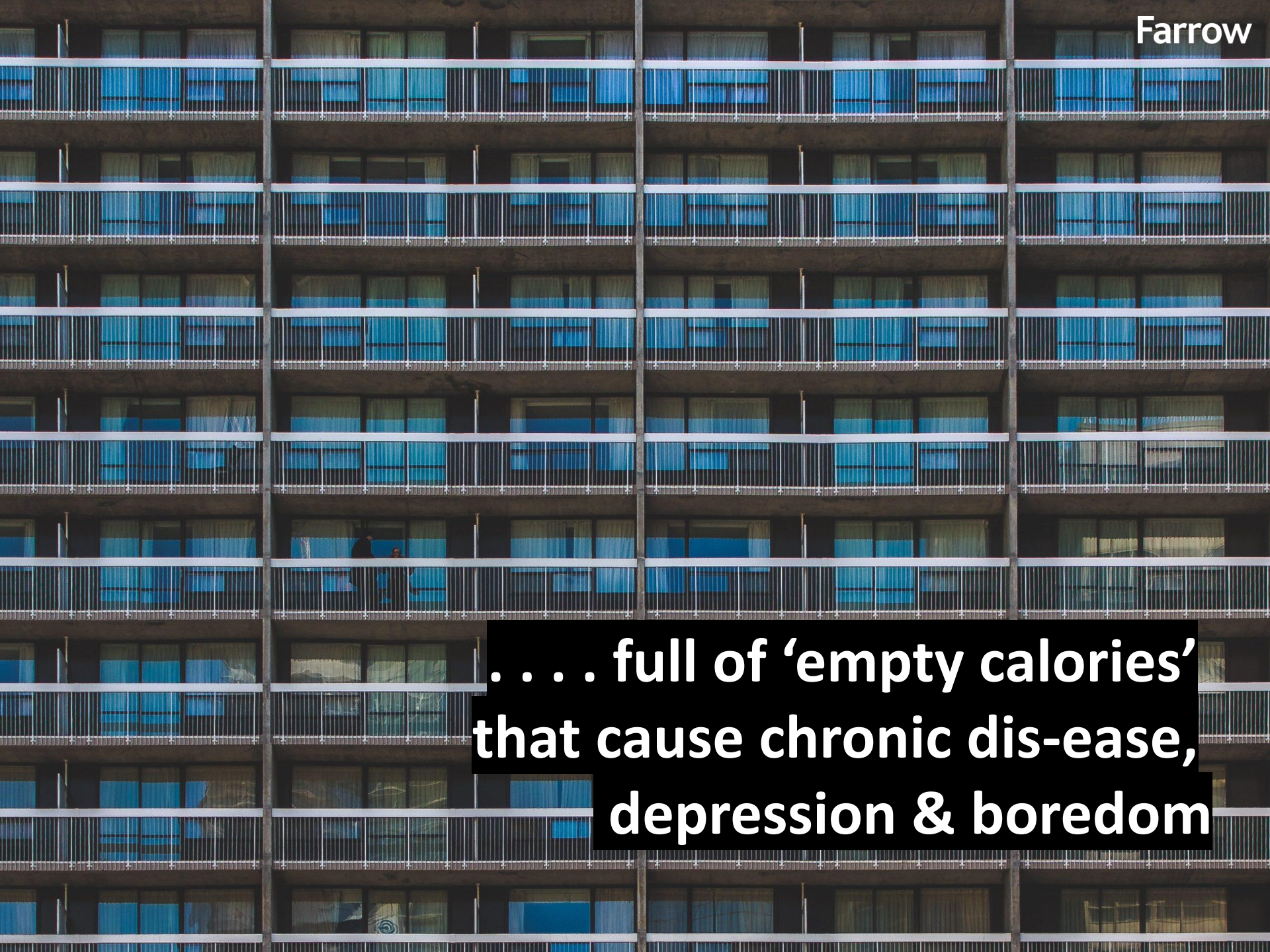
I am the master of my fate; I am the captain
William Ernest Henley

Next to trying and winning, the best thing
William Shakespeare

The best portion of a good man's life; his little, namely
William Shakespeare

enrich
mind, body,
spiritual health

starve them



... full of 'empty calories'
that cause chronic dis-ease,
depression & boredom





transactional space

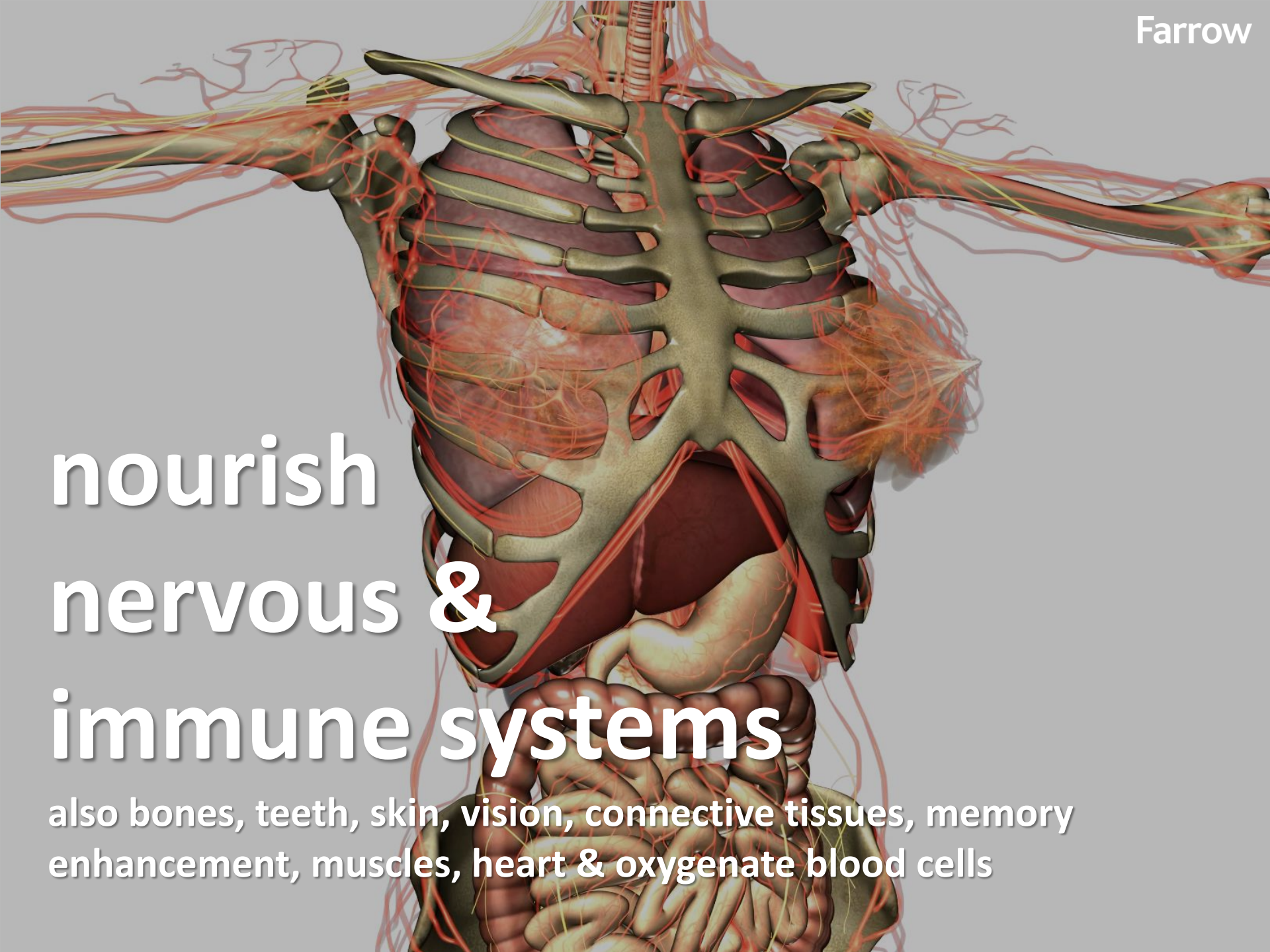


'super foods' eclipse all others



**packed with
minerals & vitamins**

A, B, C, D & minerals; iron, calcium & magnesium



nourish nervous & immune systems

also bones, teeth, skin, vision, connective tissues, memory enhancement, muscles, heart & oxygenate blood cells

architectural 'super vitamins'



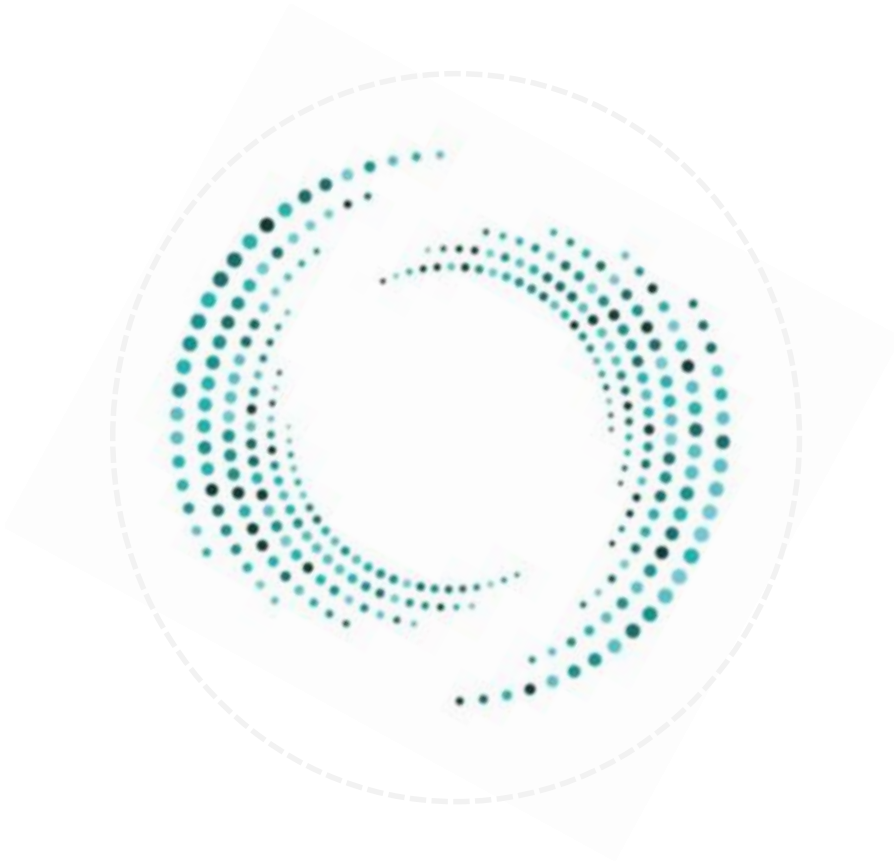


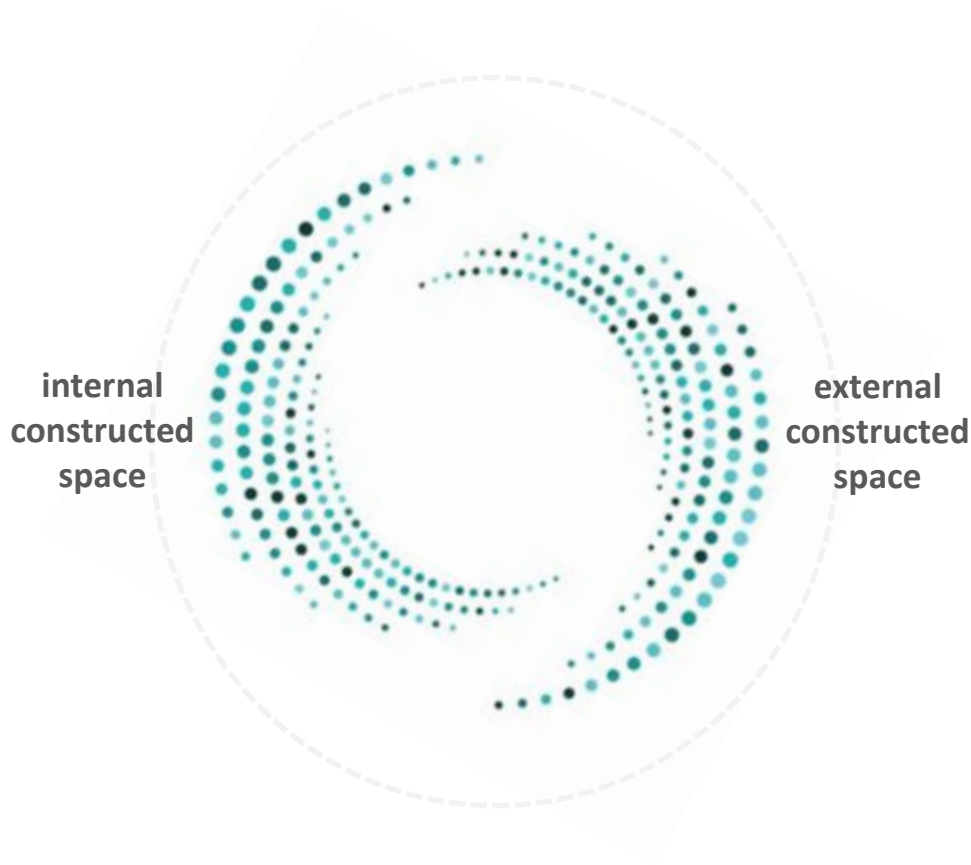
perception

internal & external constructed space

constructed theory of emotion

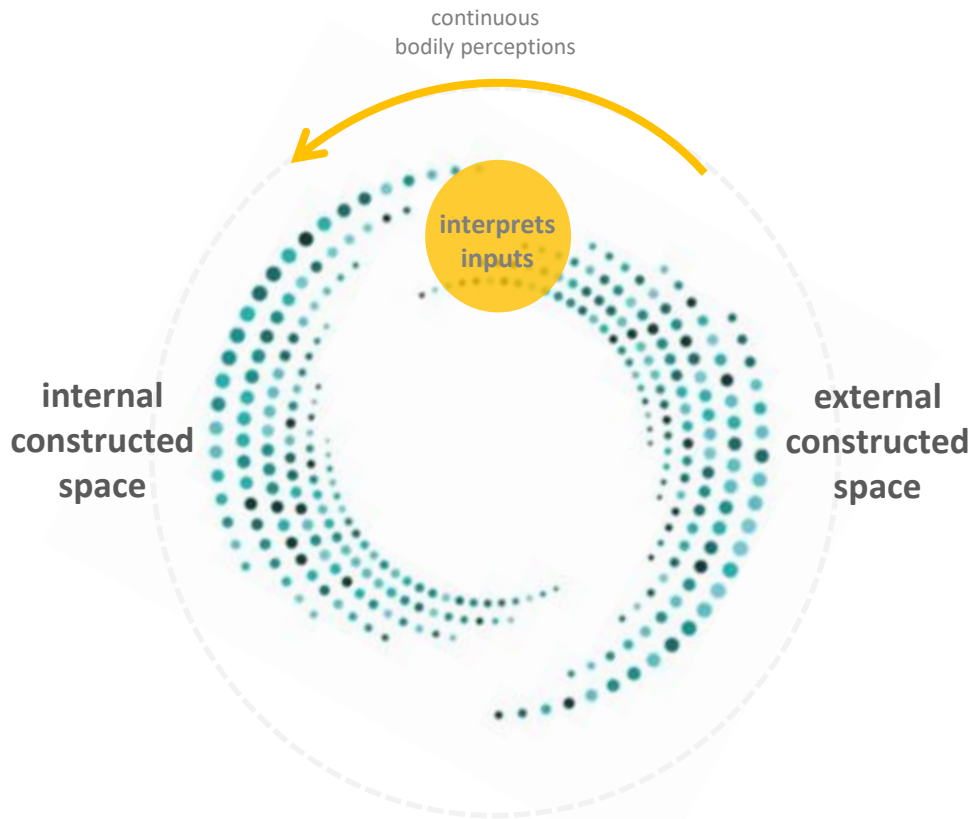
Dr Lisa Feldman Barrett, 1987





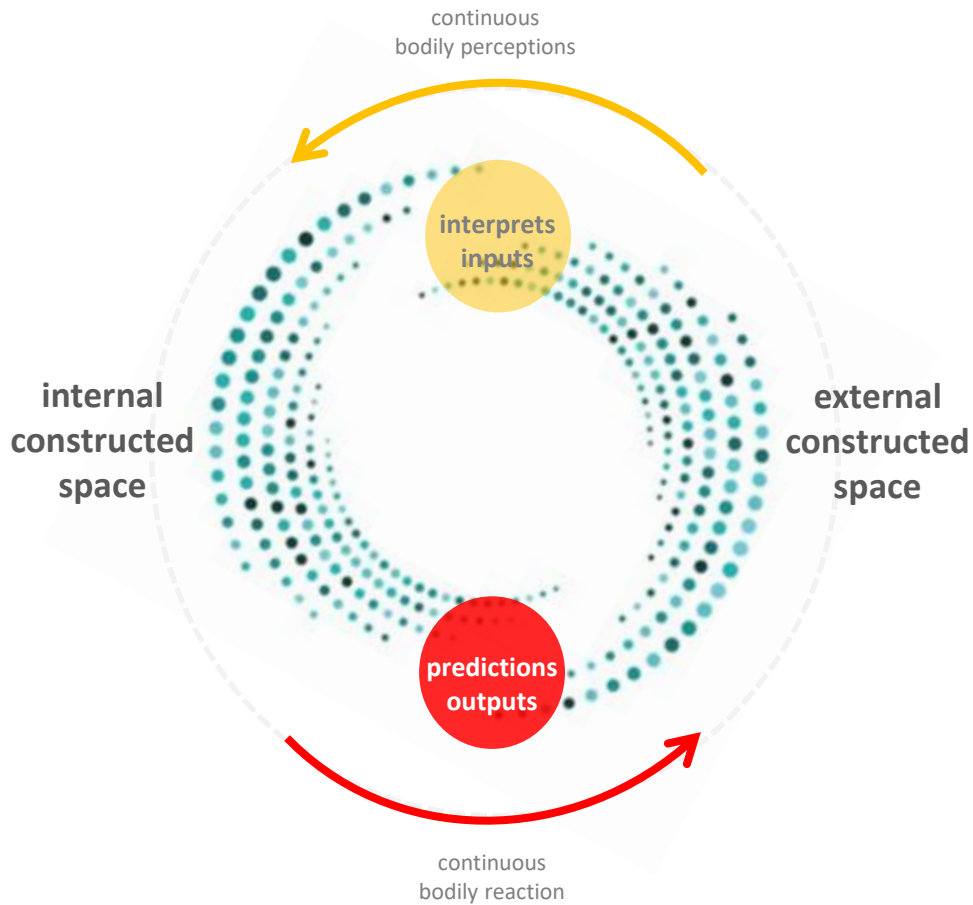
constructed theory of emotion

Dr Lisa Feldman Barrett, 1987



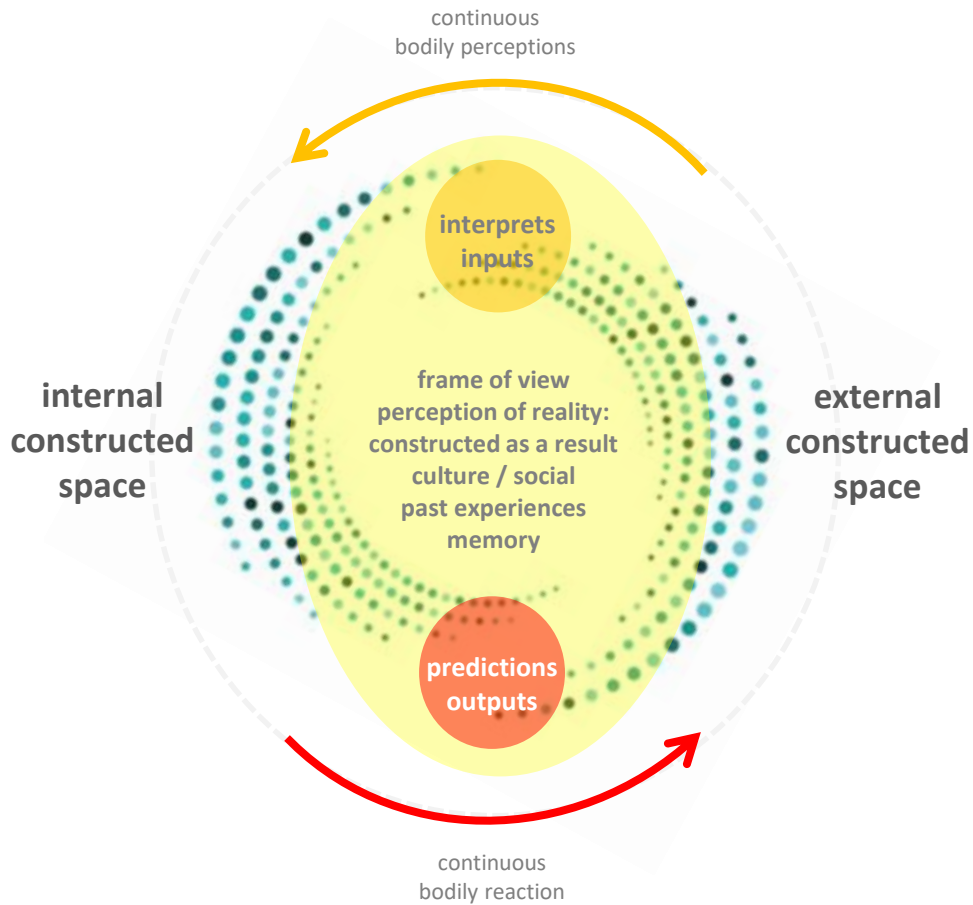
inputs: interoceptive, proprioceptive & exteroceptive

inputs are interpreted

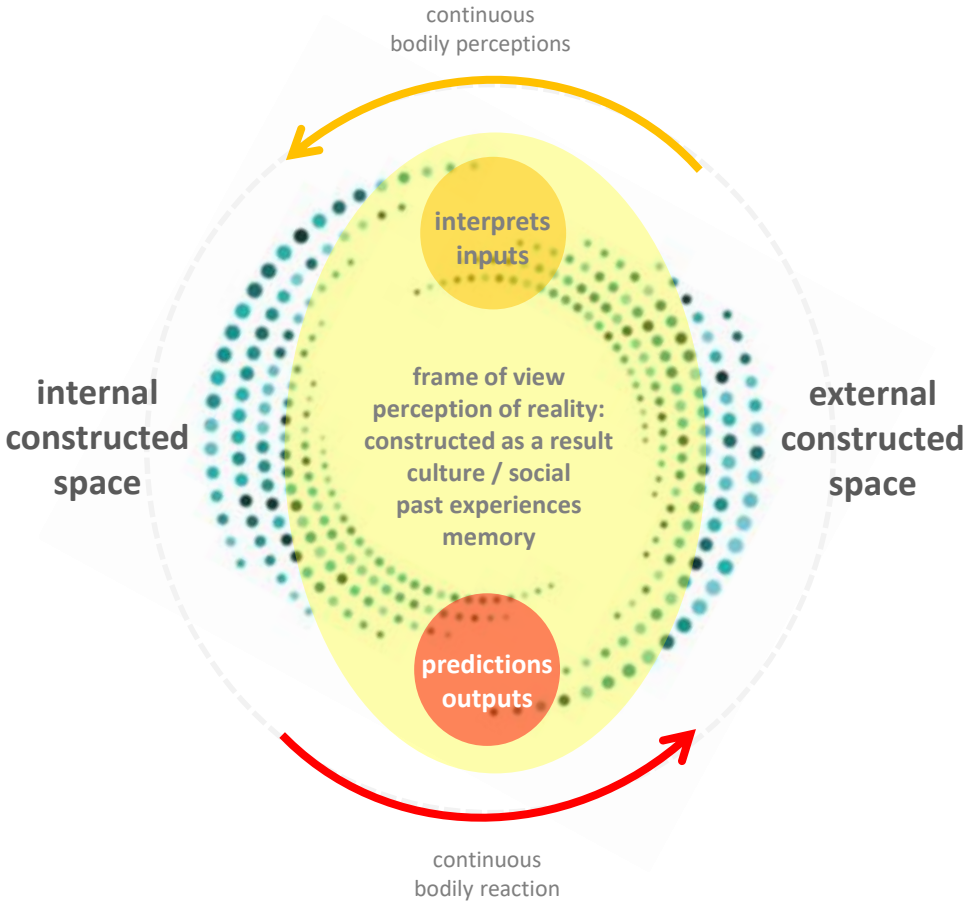


outputs: interoceptive, proprioceptive & exteroceptive

construct outputs - predictions



constructed reality & emotions
frame of view
perception of reality
constructed as a result
- culture / social (learned)
- past experiences (remembered)

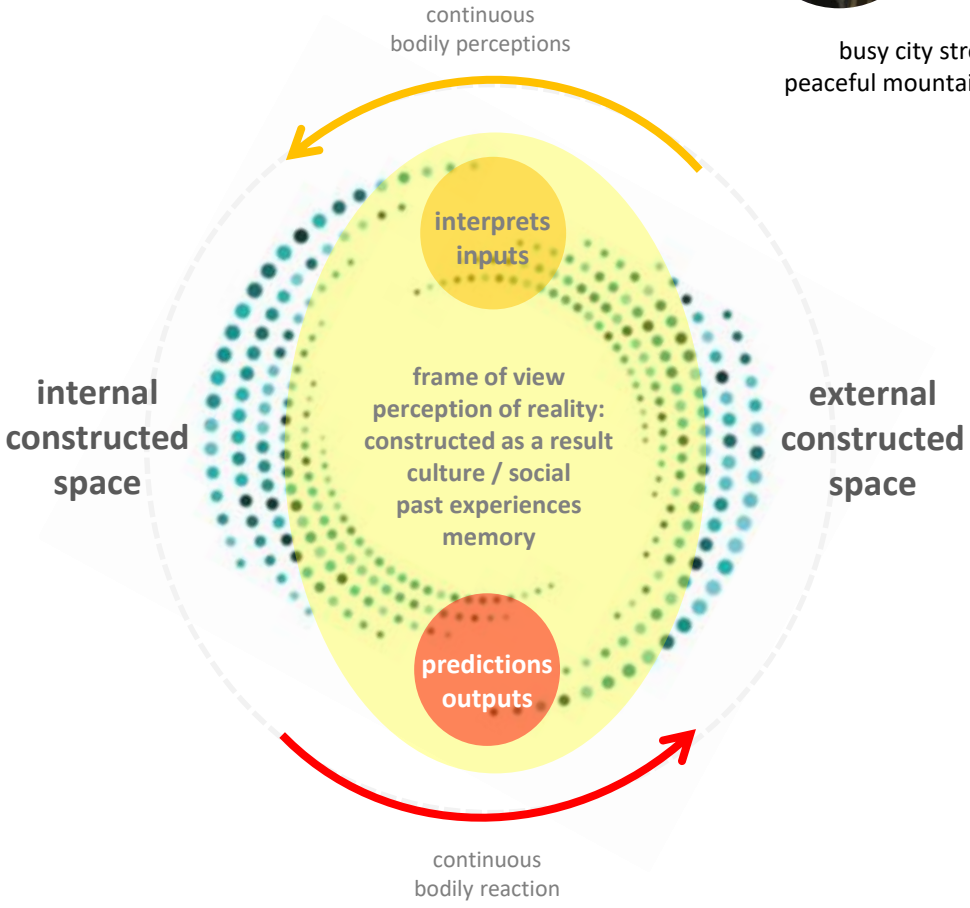


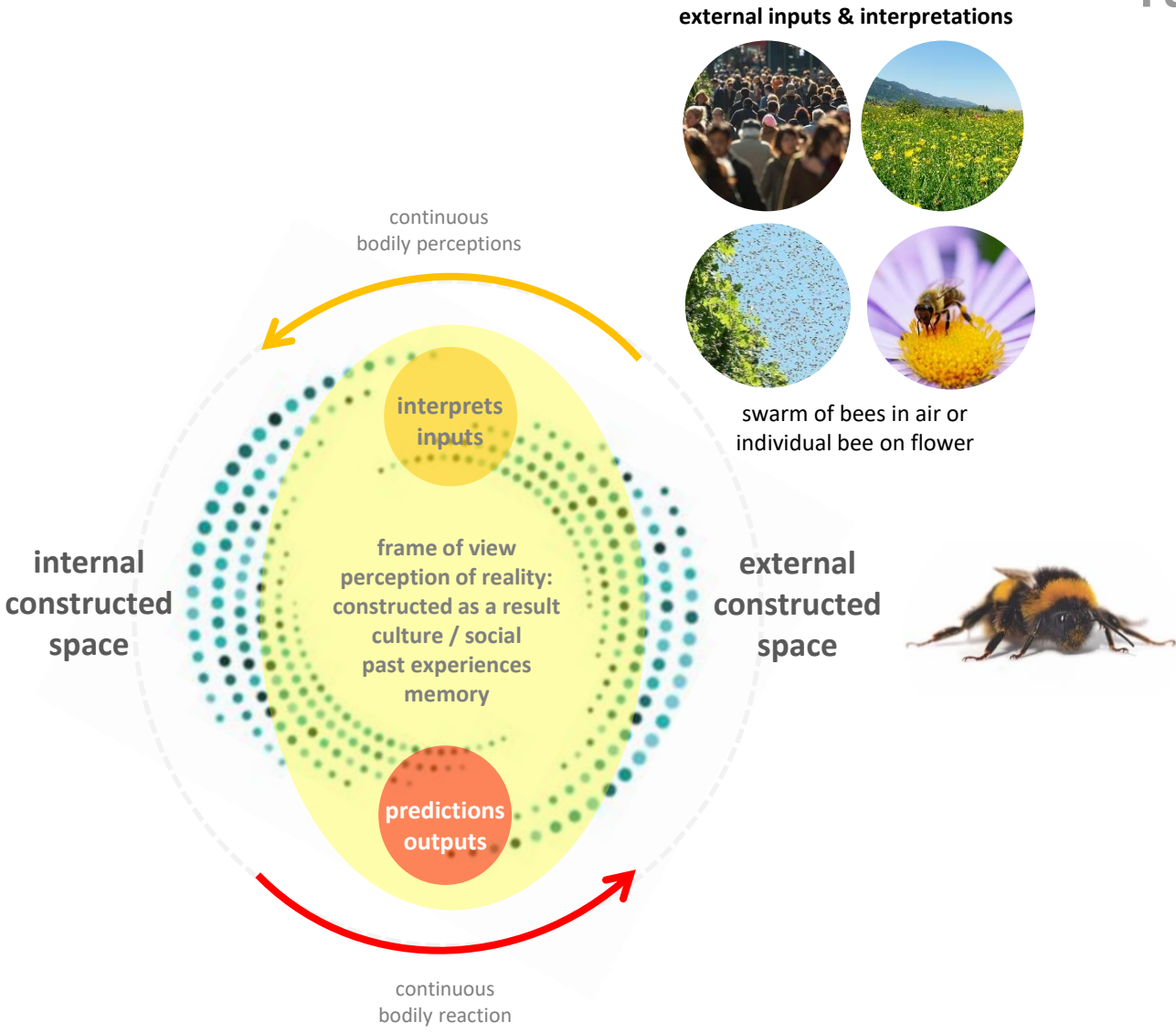
example
bee

external inputs & interpretations



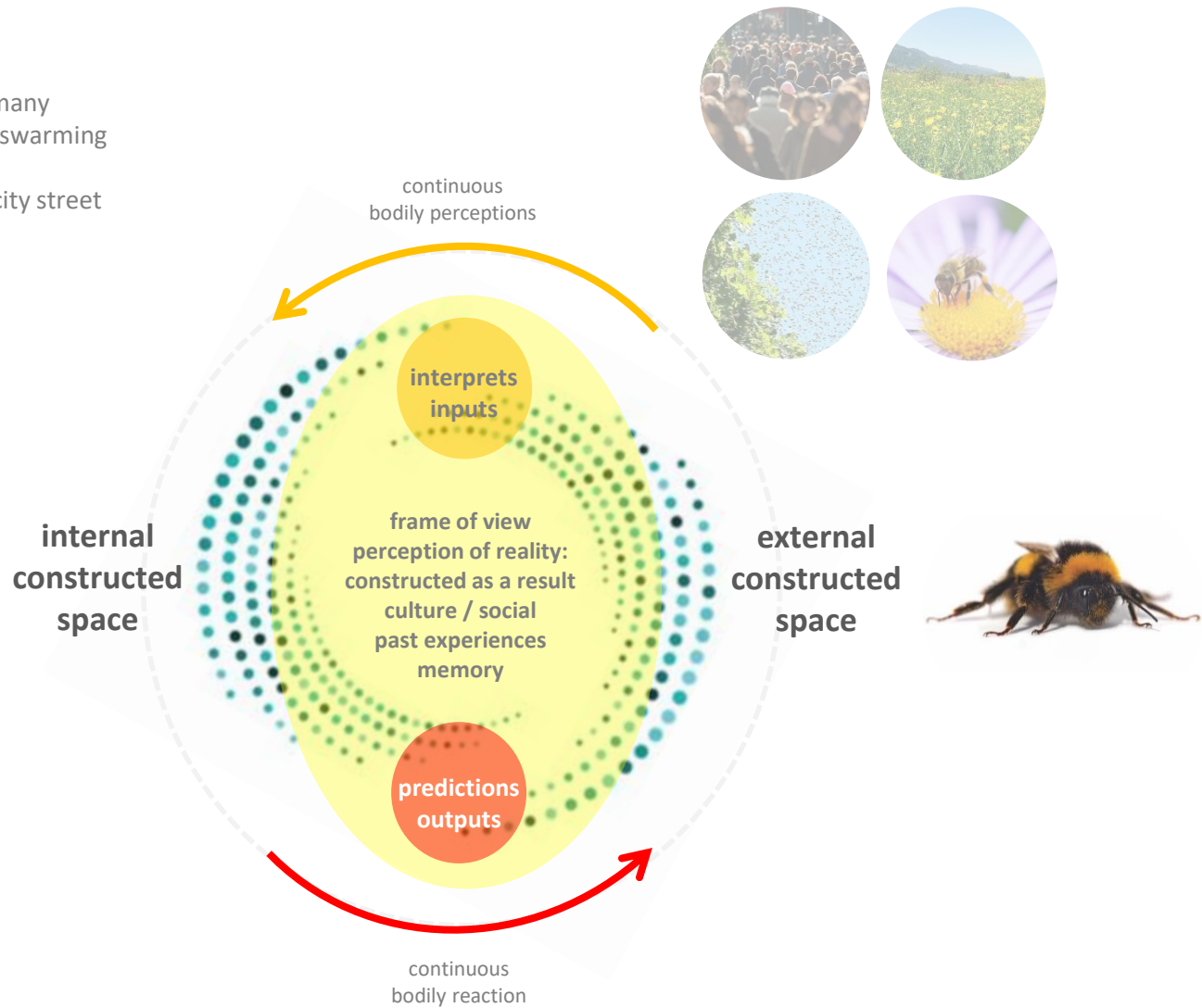
busy city street or peaceful mountain meadow



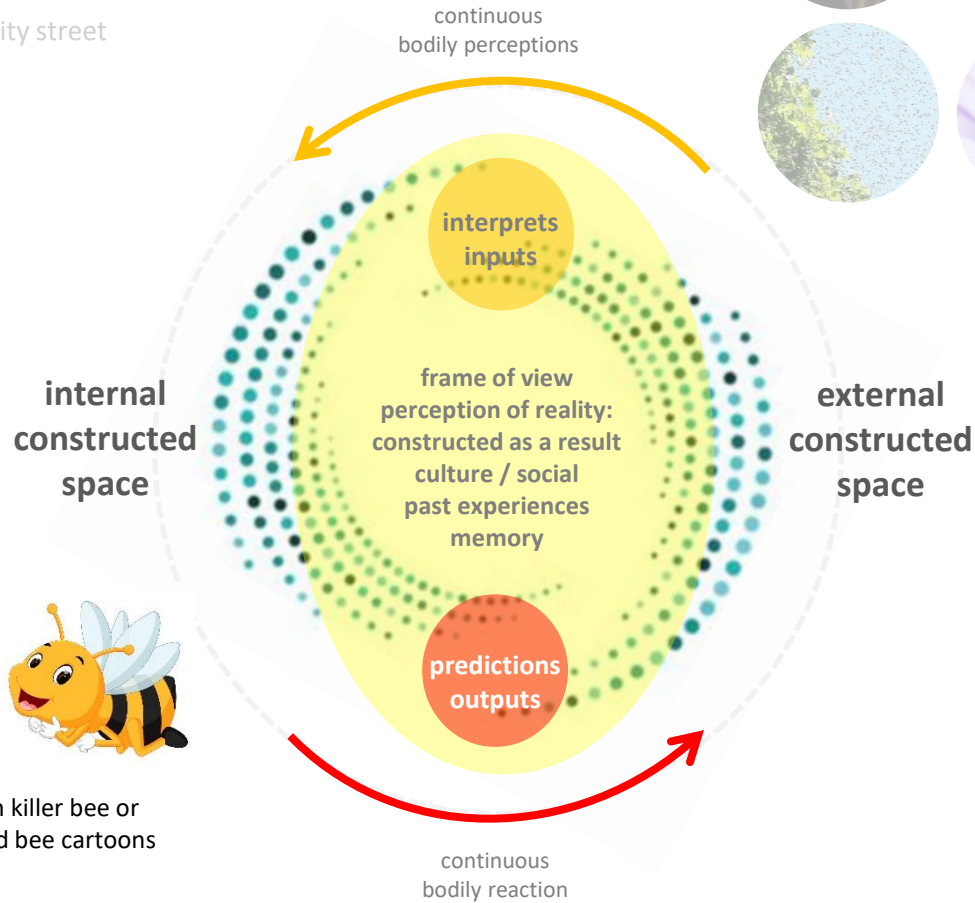


internal inputs & interpretations

- acoustic- buzzing, few or many
- visual - waggle dancing or swarming
- touch - bump or sting
- olfactory - flowers or hot city street
- taste - honey



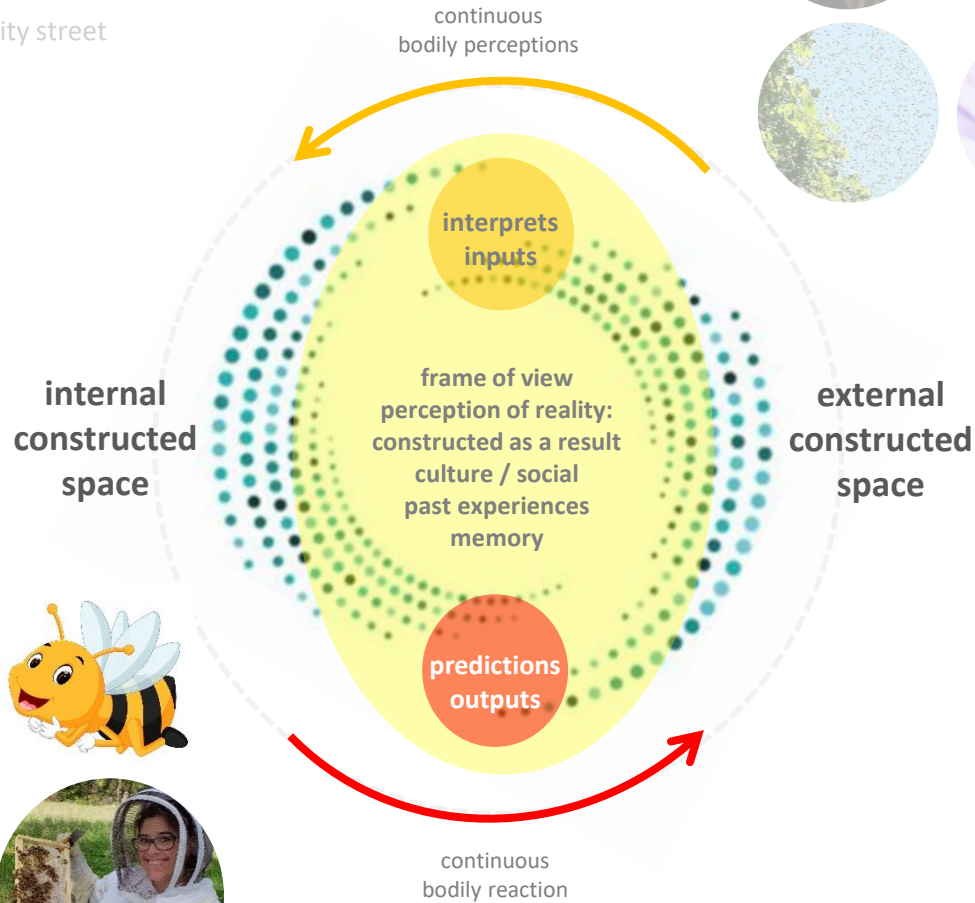
acoustic- buzzing, few or many
visual - waggle dancing or swarming
touch - bump or sting
olfactory - flowers or hot city street
taste - honey



in the news, african killer bee or
memory of childhood bee cartoons

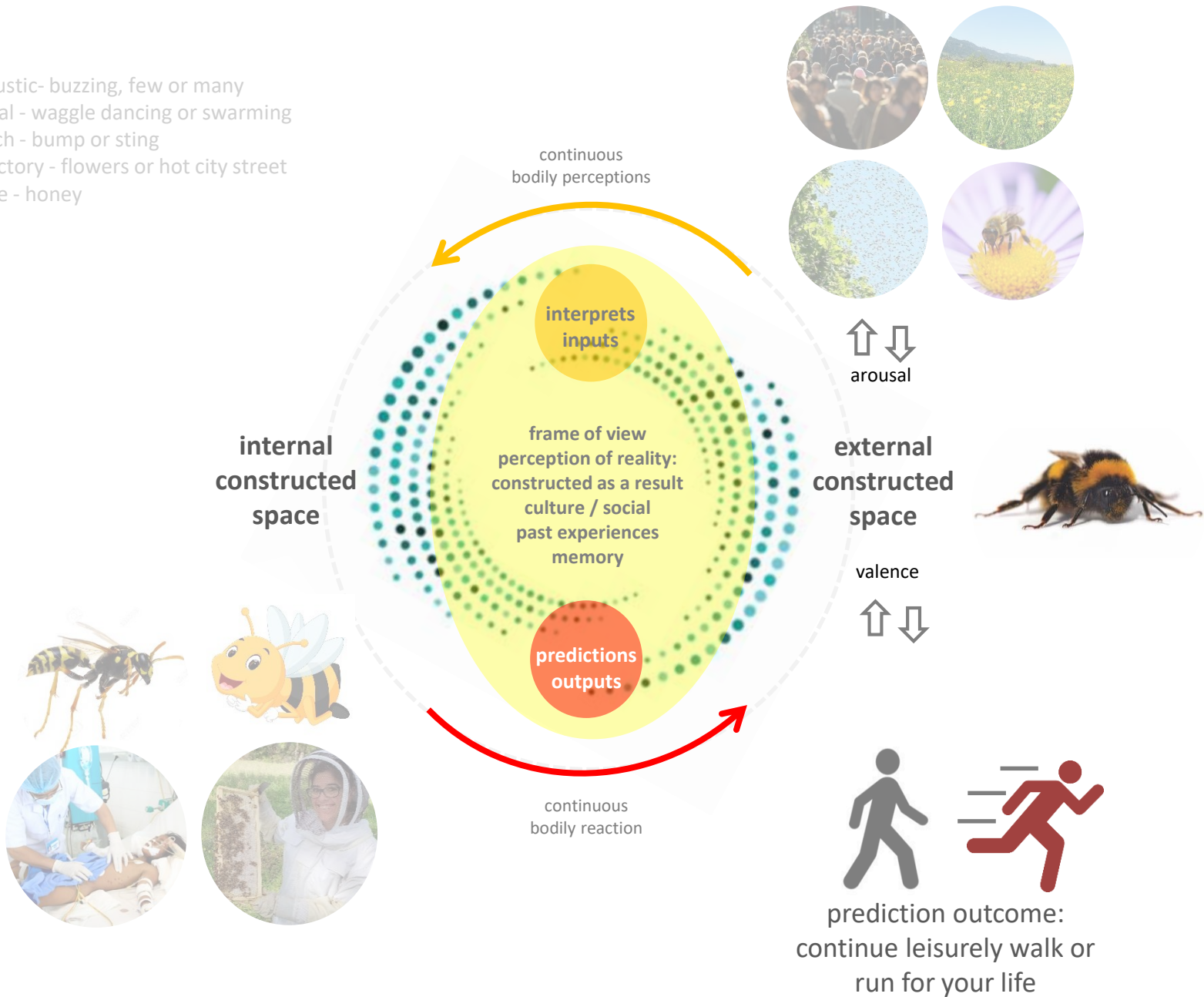
internal predictions & outputs

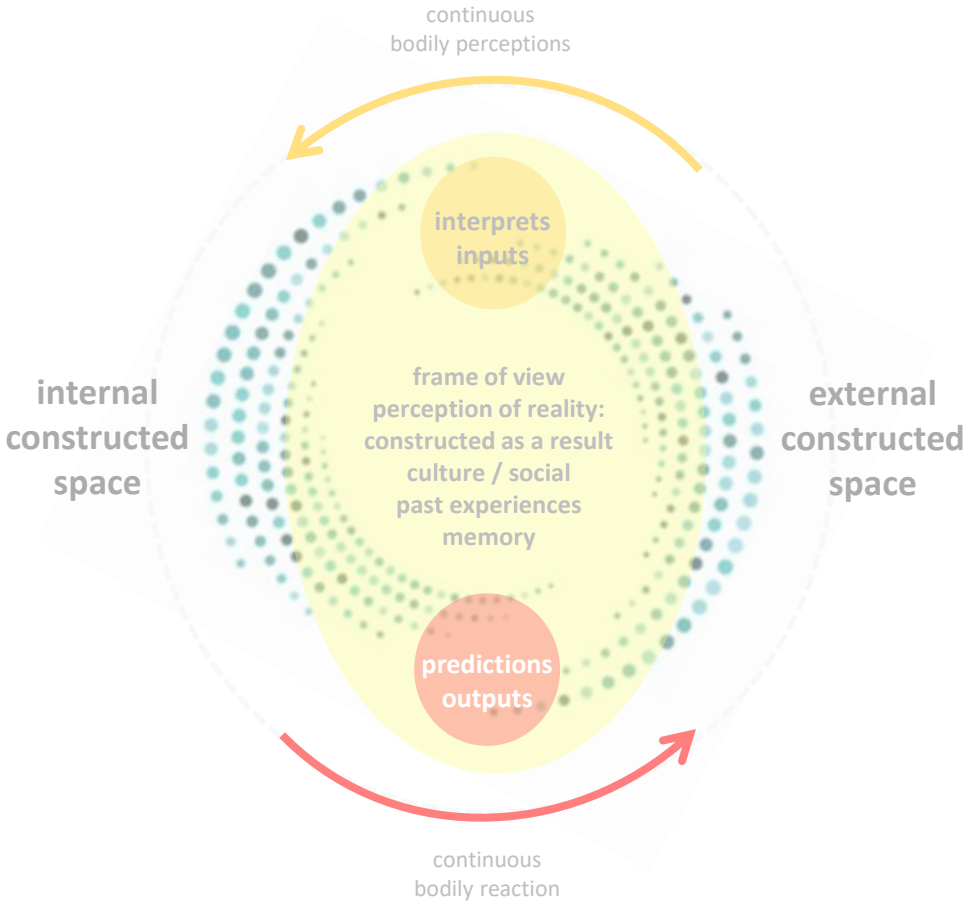
acoustic- buzzing, few or many
visual - waggle dancing or swarming
touch - bump or sting
olfactory - flowers or hot city street
taste - honey



past severe bee sting allergy, hospitalization or
job is a beekeeper
internal predictions & outputs

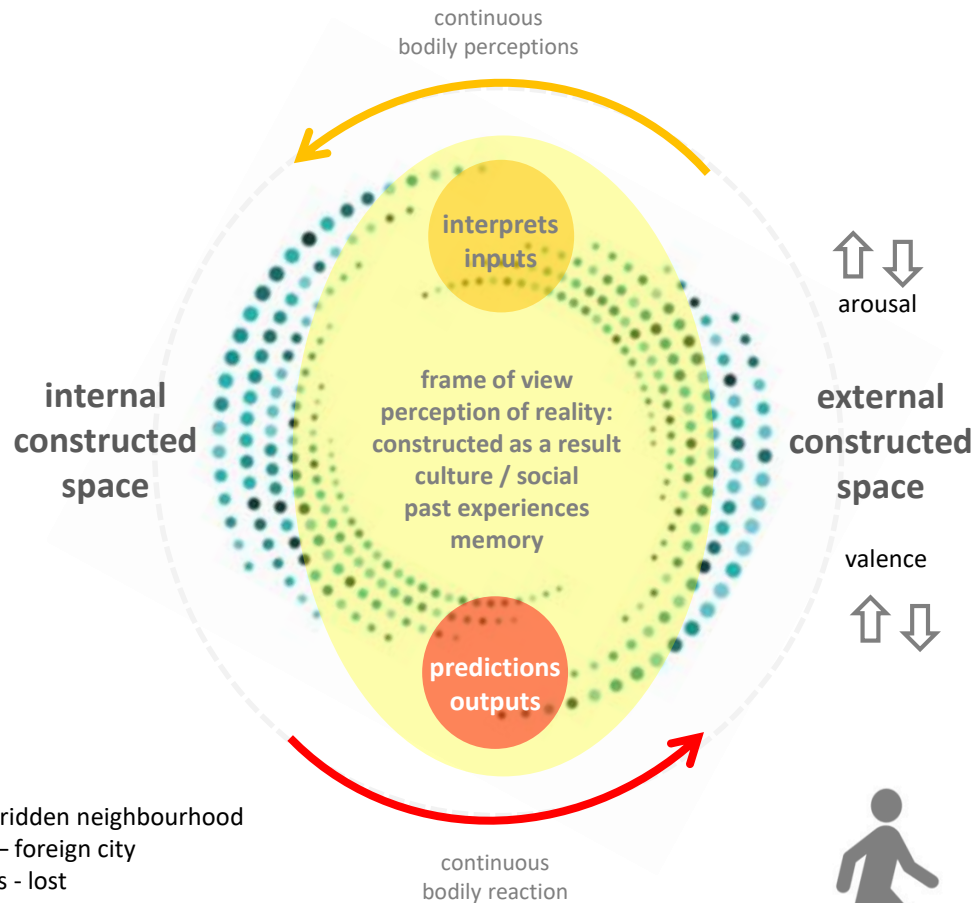
acoustic- buzzing, few or many
visual - waggle dancing or swarming
touch - bump or sting
olfactory - flowers or hot city street
taste - honey





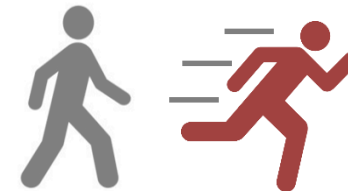
acoustic: car brakes – footsteps on cobblestones
 visual: barren - active shop fronts
 touch: asphalt - cobblestones
 olfactory: car exhaust – trees & baked bread
 taste: sulphur - pastries

car dominated or pedestrian only
 asphalt & concrete or street trees & planting
 no street furniture or benches & cafe seating
 opaque windows or retail, cafes & bakeries
 weather protection or canopies & arcades

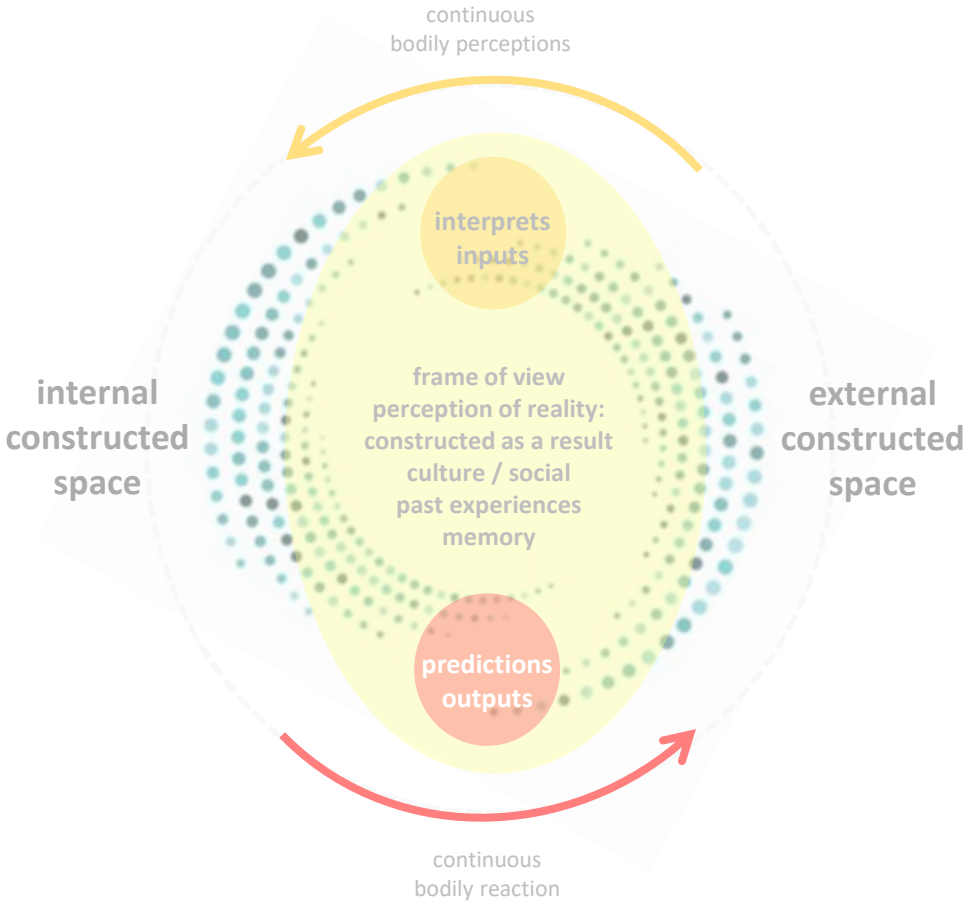


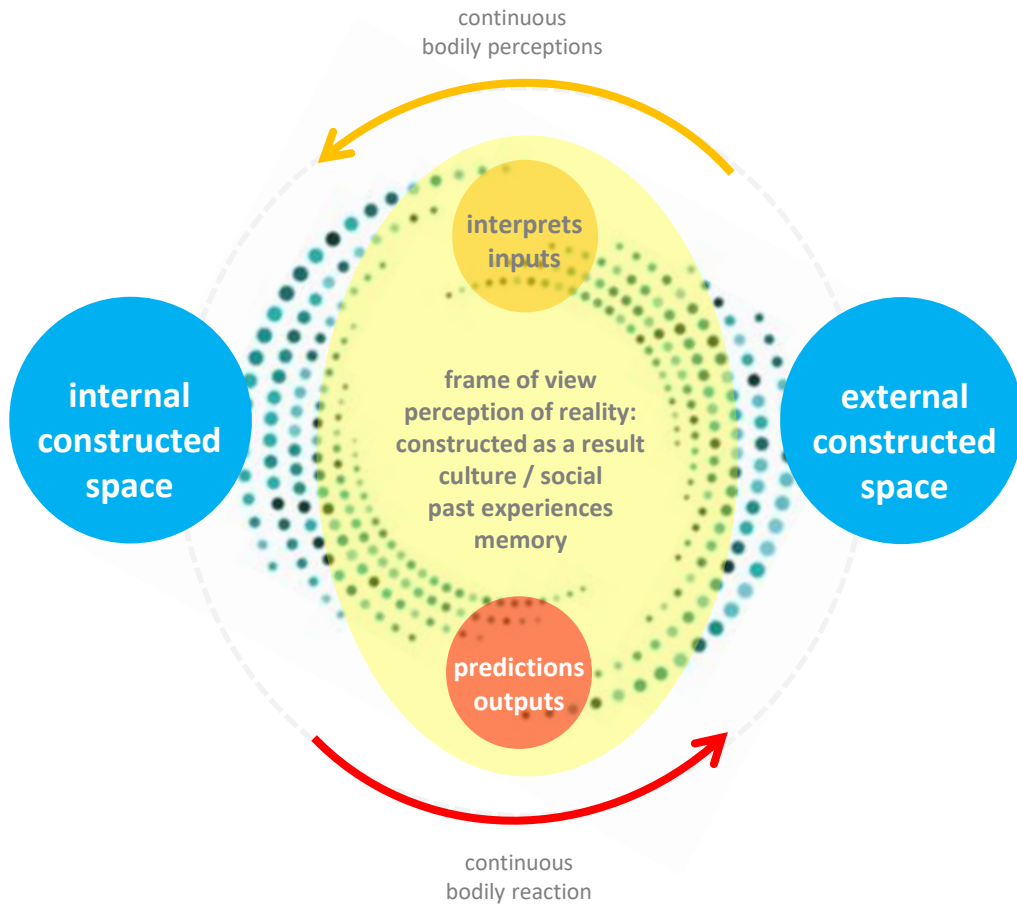
example city street

'good' neighbourhood – crime-ridden neighbourhood
 your neighbourhood – foreign city
 know directions - lost
 day - night
 in a group - alone
 young - old



prediction outcome:
 continue leisurely walk or
 run for your life



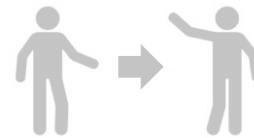


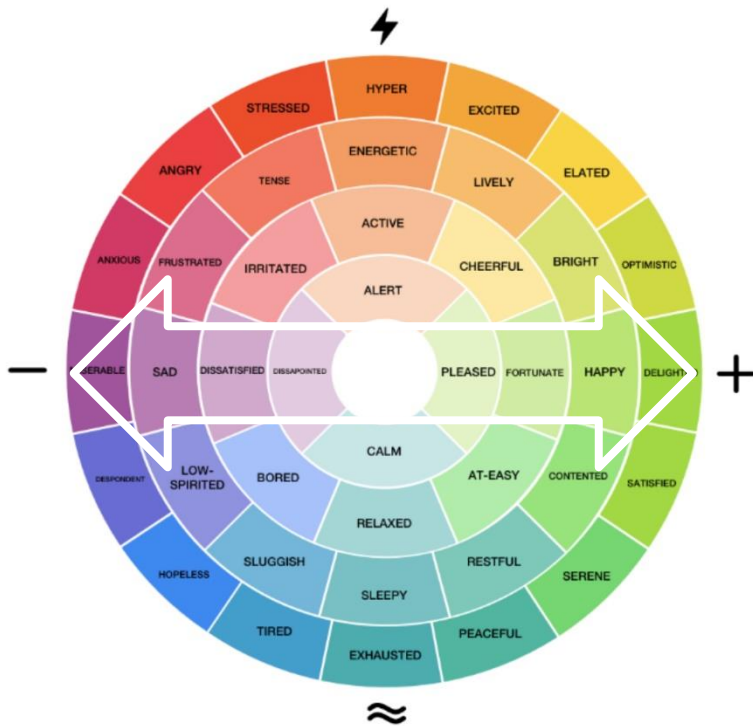
neuroscience & architecture

our mind constructs
enriching relationships
person to place



in a similar way as to how we construct our
person to person relationships



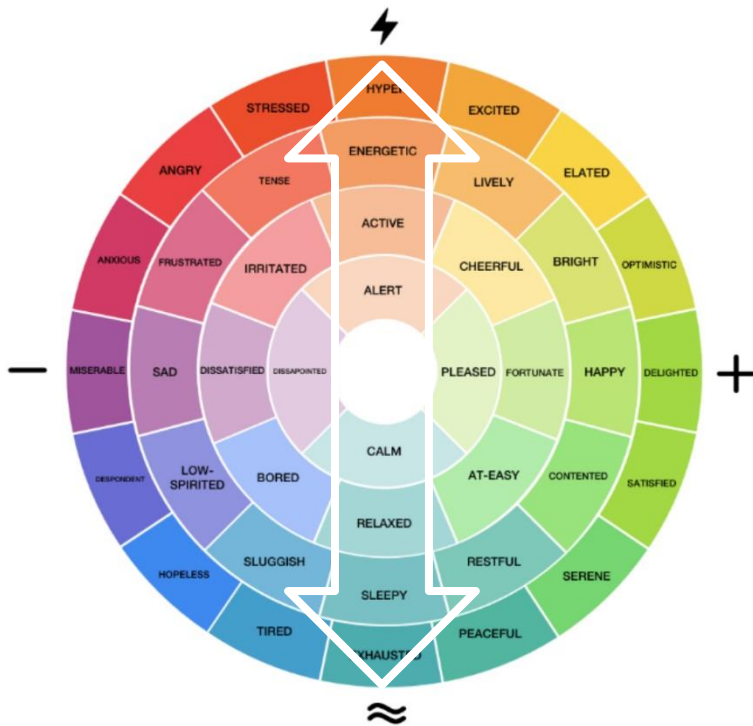


valence

displeasure - pleasure axis

miserable, sad, dissatisfied -

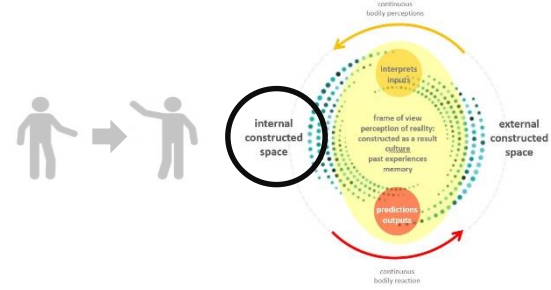
pleased, fortunate, happy, delighted



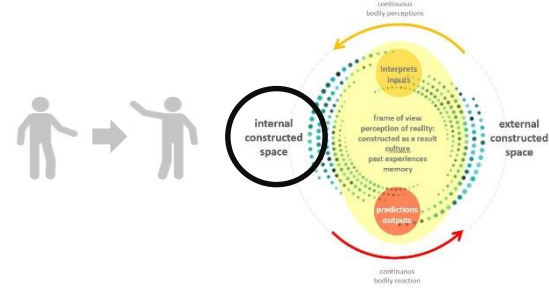
arousal

intensity of arousal – subtle to intense

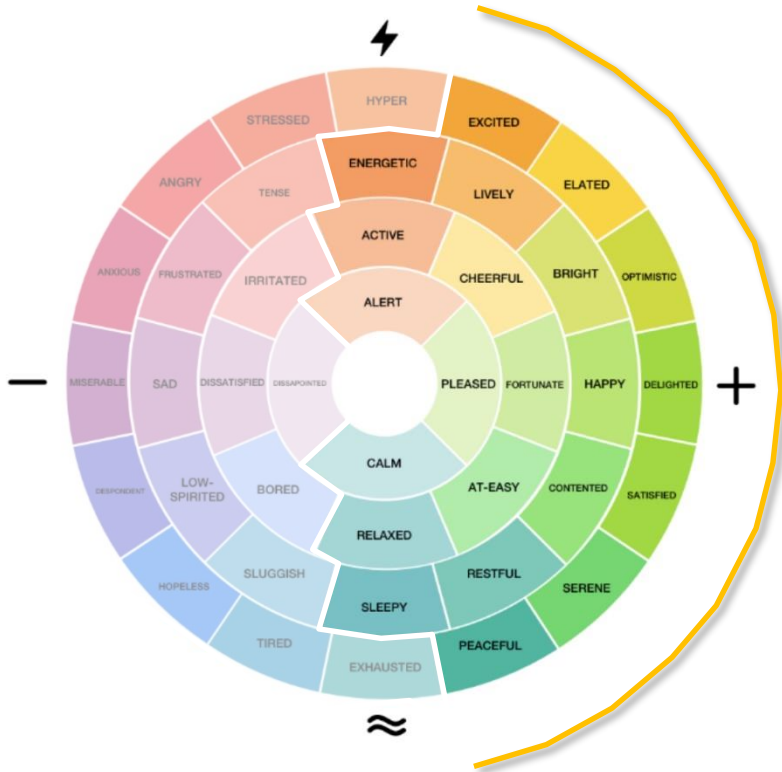
hyper, energetic, active, alert -
calm, relaxed, sleepy, exhausted

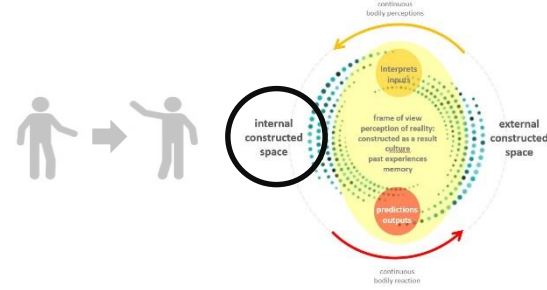


qualities of enriched relationships
person to person



**qualities of enriched relationships
two prime factors of supportive relationships
from psychotherapeutic impact studies**





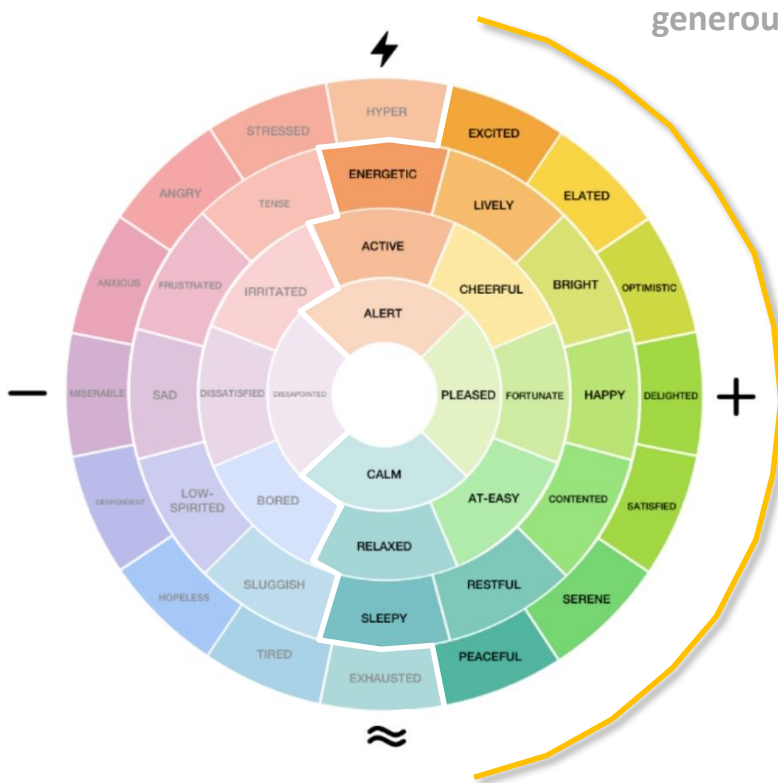
qualities of enriched relationships
 two prime factors of supportive relationships
 from psychotherapeutic impact studies

1 feel emotionally safe, understood & accepted
 to open up to processes of development & growth

2 activation of one's resources
 to experience one's own success, competence
 & self-efficacy – sense of coherence



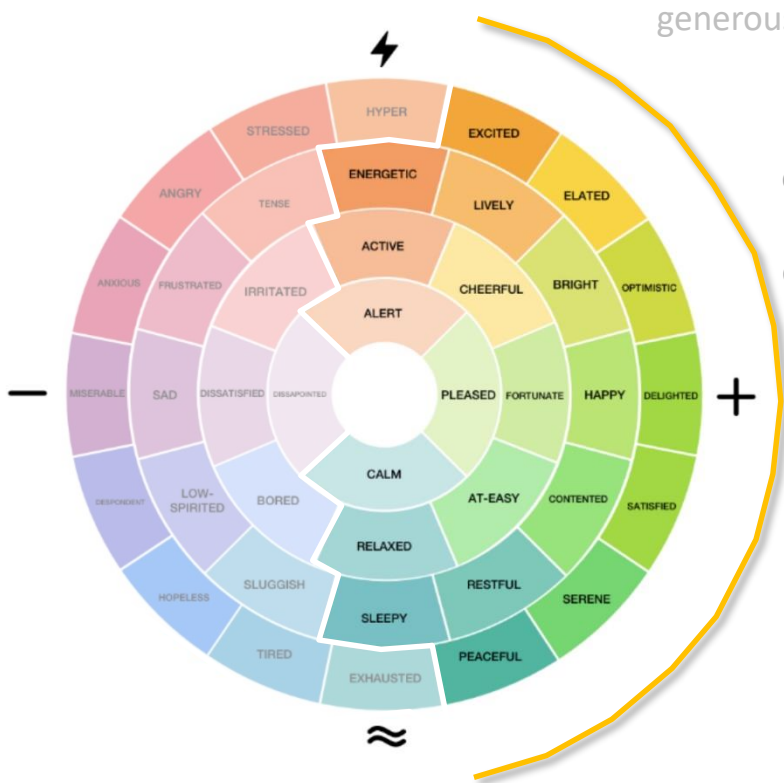
qualities of enriching relationships
person to person



generous - & resonating
legacy - durable, given and devised without



qualities of enriching relationships
person to person



generous & legacy

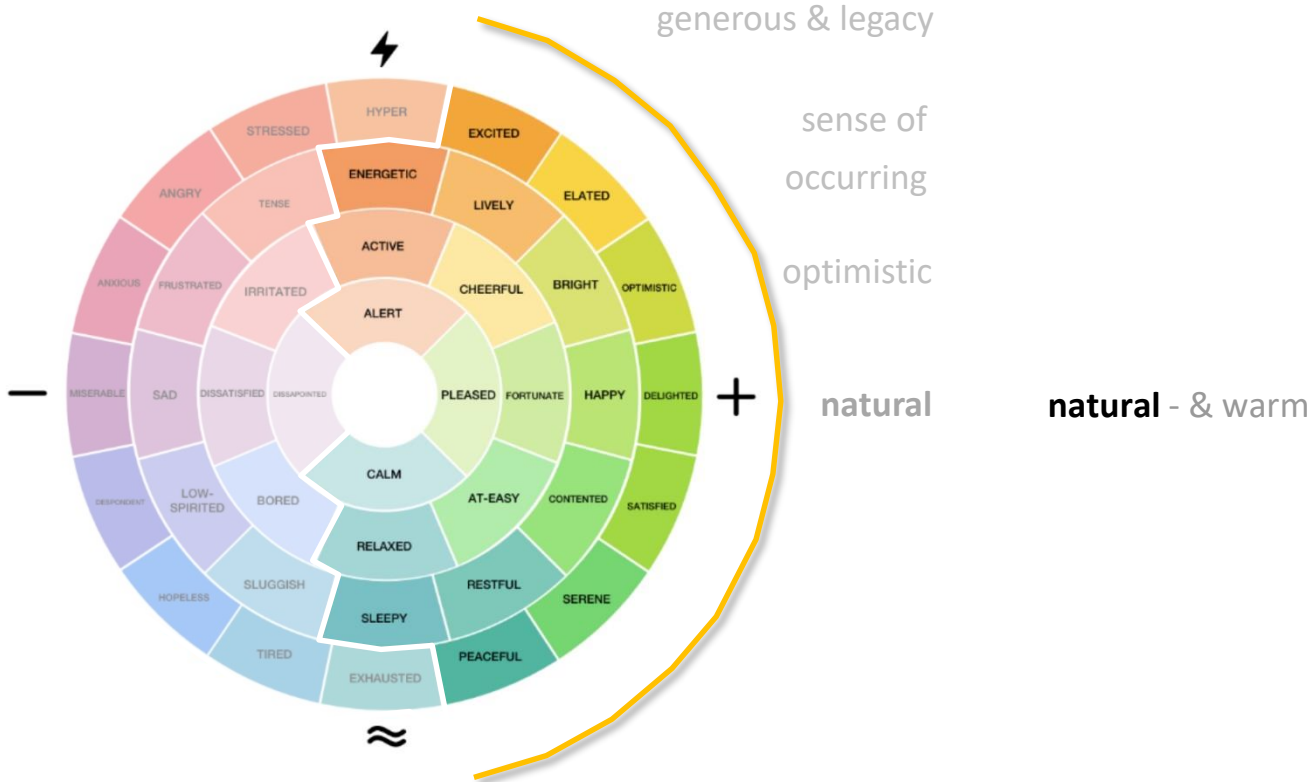
sense of occurring

optimistic

sense of occurring - sensually occurring, present and resonating in atmospheric qualities
optimistic - assurant and encouraging



qualities of enriching relationships
person to person



generous & legacy

sense of occurring

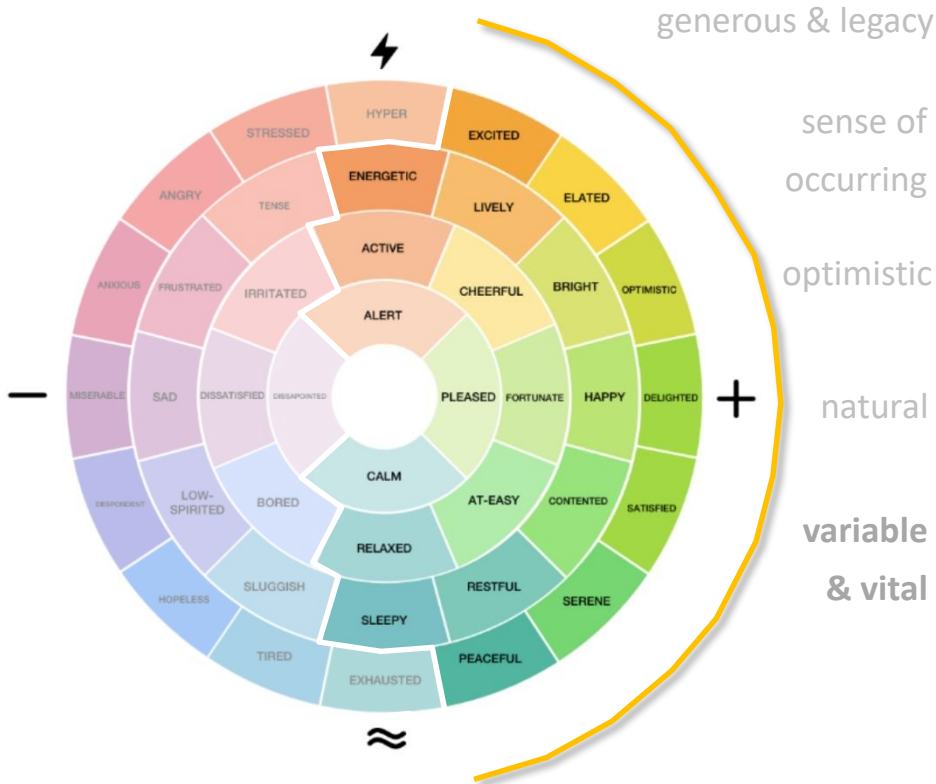
optimistic

natural

natural - & warm



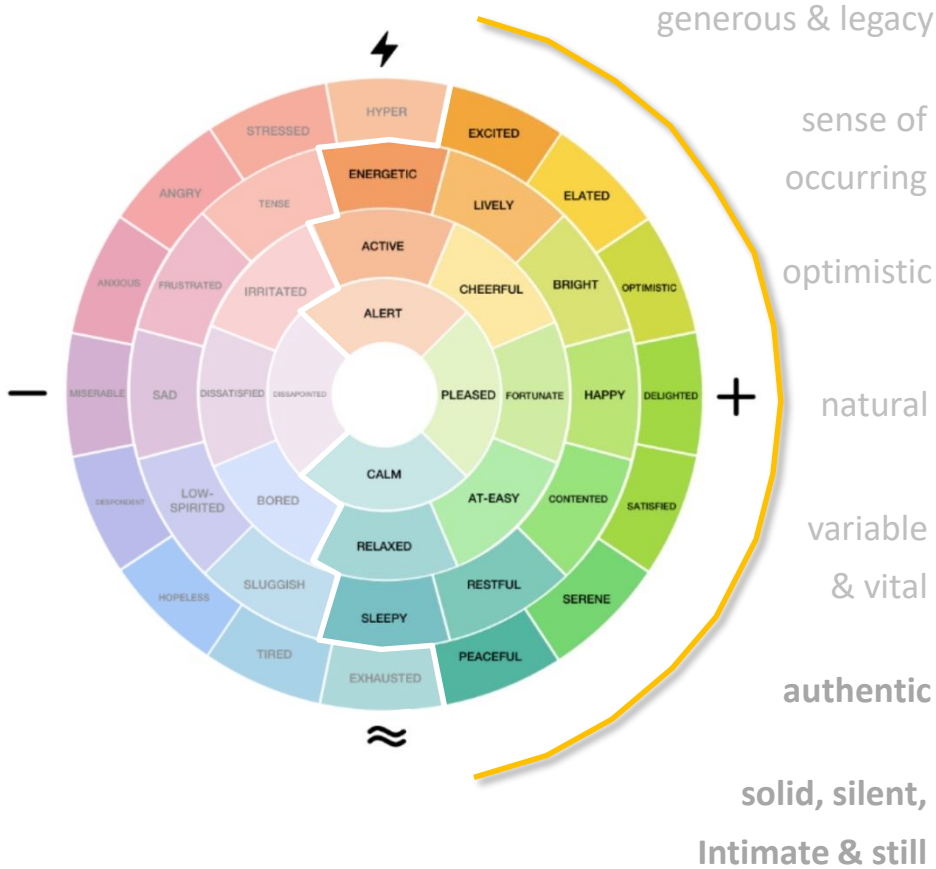
qualities of enriching relationships
person to person



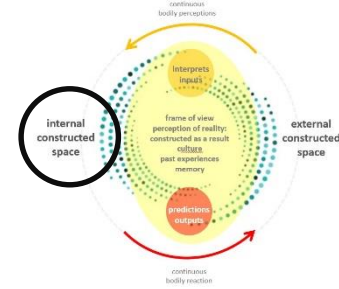
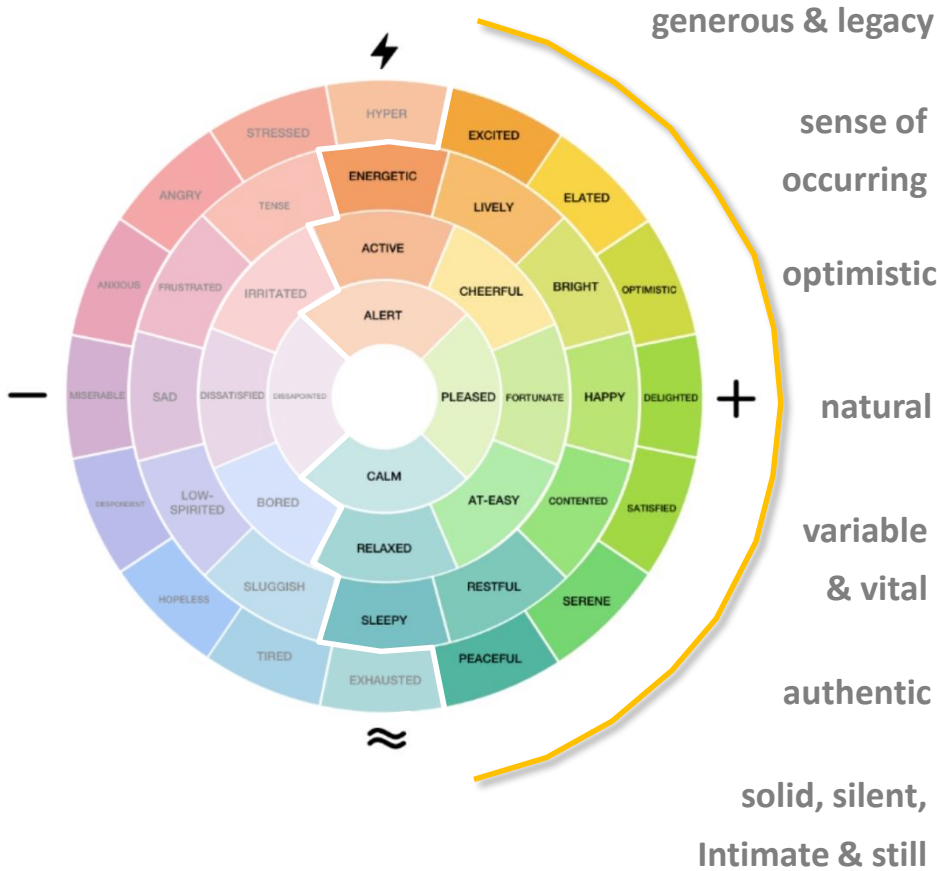
variable - abundant in resonance, actively involving and self-efficient
vital - engaging and supporting awareness



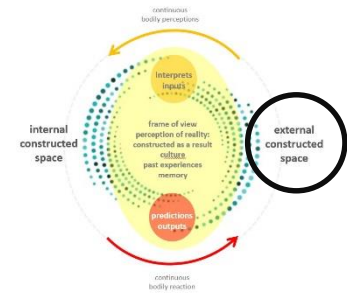
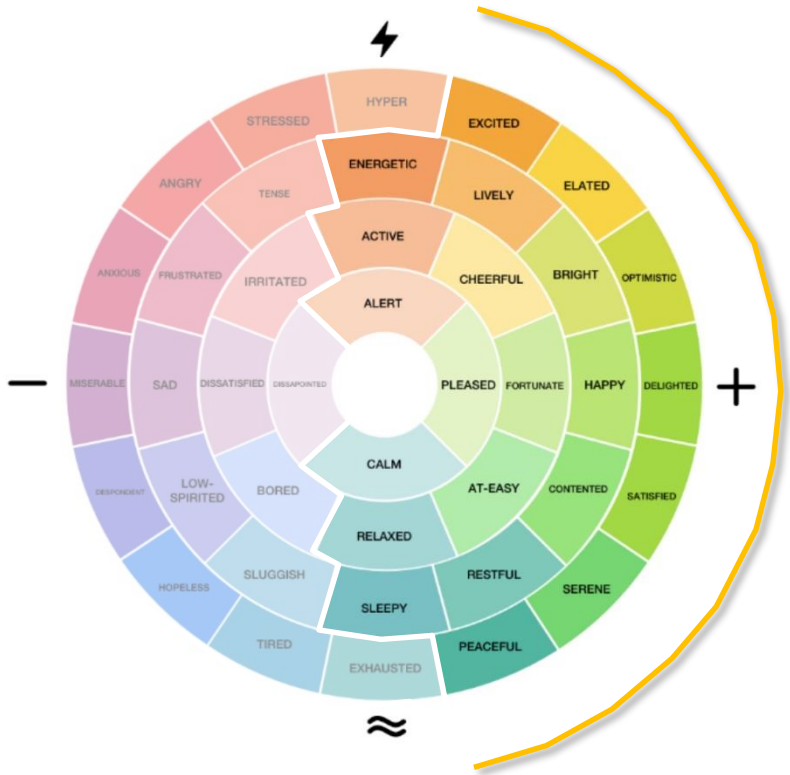
qualities of enriching relationships
person to person



authentic - honest & true
solid - & trustworthy
silent - of external expectations
intimate - & familiar
still - internally still, self connected & restoring

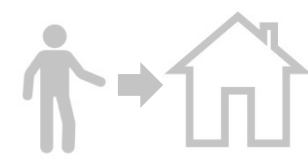


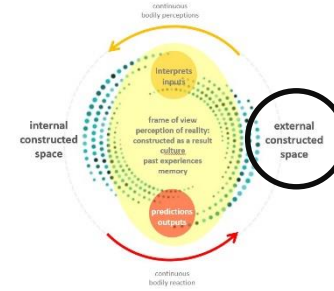
qualities of enriching relationships person to person



**externally constructed space
elements of enriched environments**

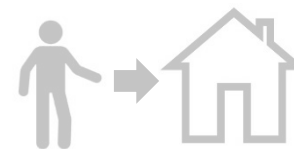
person -> place relationships

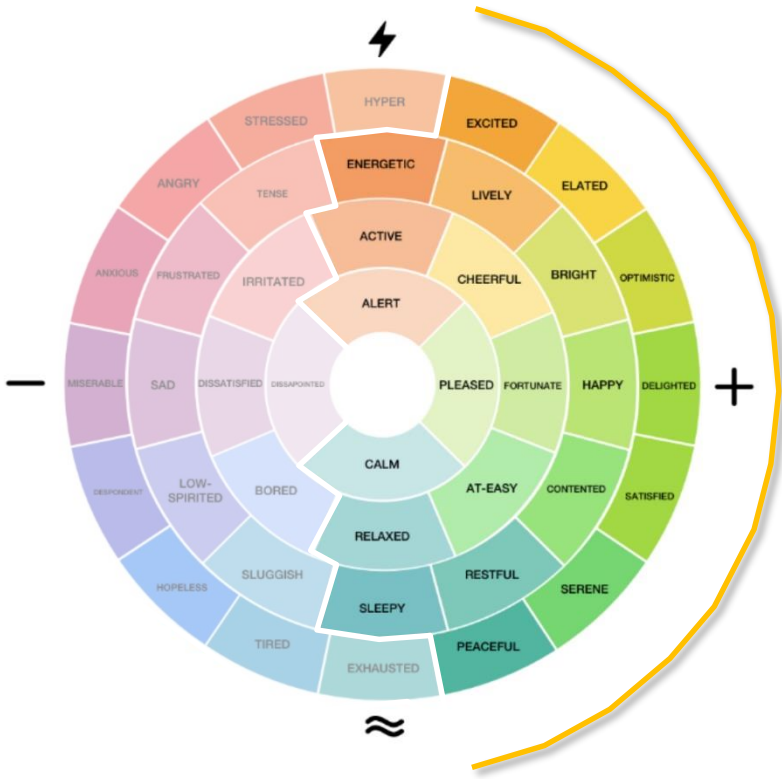




external constructed space relationships
similar constructed internally
enriched relationships

feelings of emotionally safe, understood
 feelings of activating resource towards a place



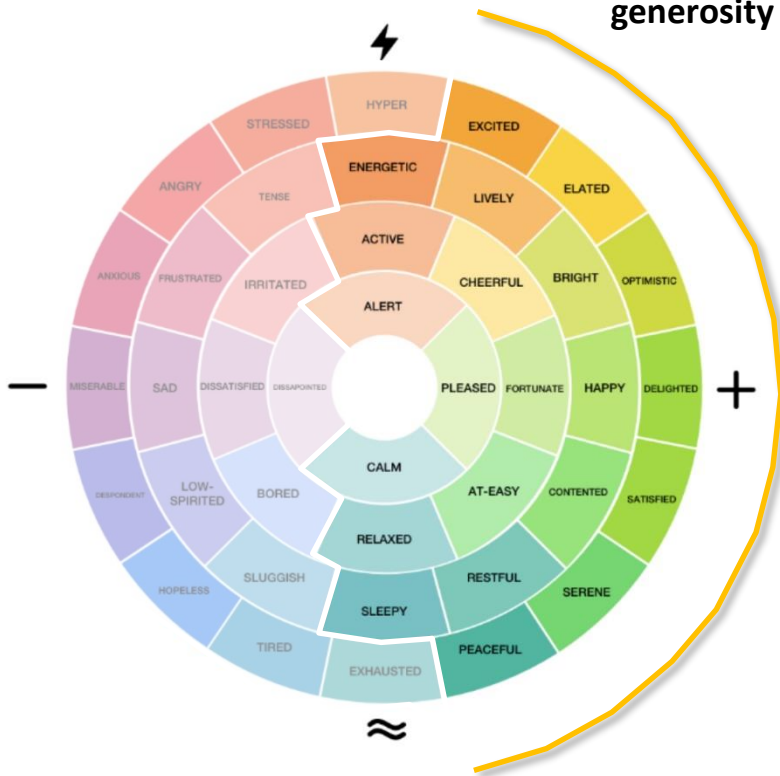


elements include:



qualities of enriched environments
person to place

generosity & legacy

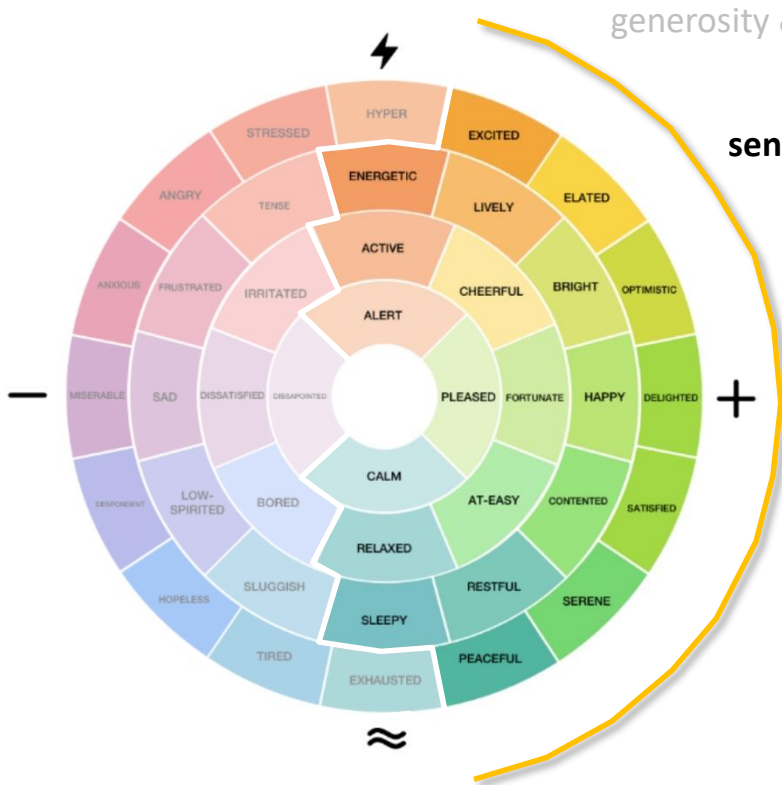


surroundings that give more than they are asked; that communicate a higher aspiration & purpose of something

interoceptive, proprioceptive & exteroceptive



qualities of enriched environments
person to place



generosity & legacy

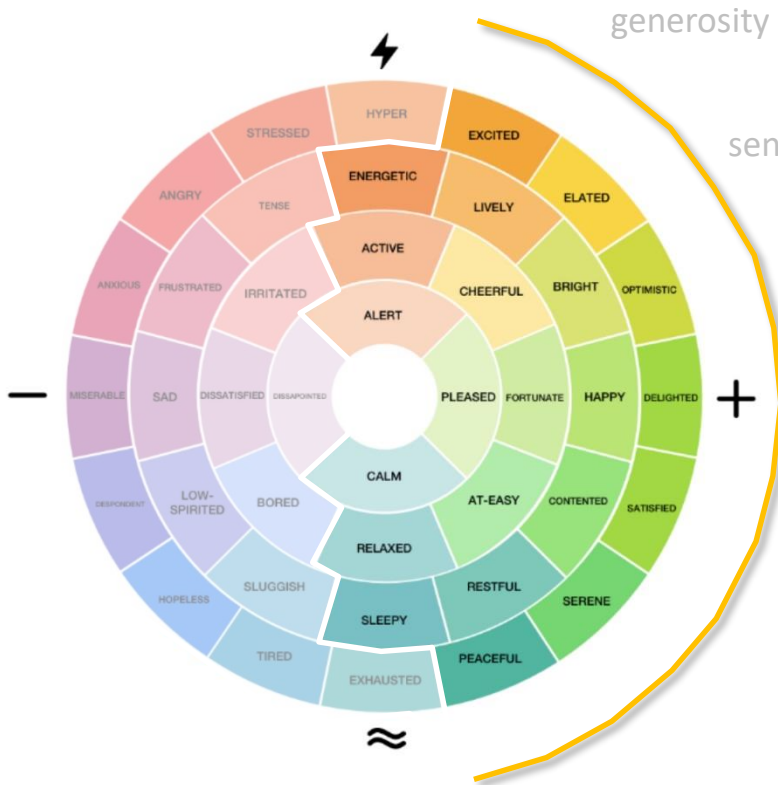
sense of occurrence

venues where you feel engaged & stimulated

interoceptive, proprioceptive & exteroceptive



qualities of enriched environments
person to place



generosity & legacy

sense of occurrence

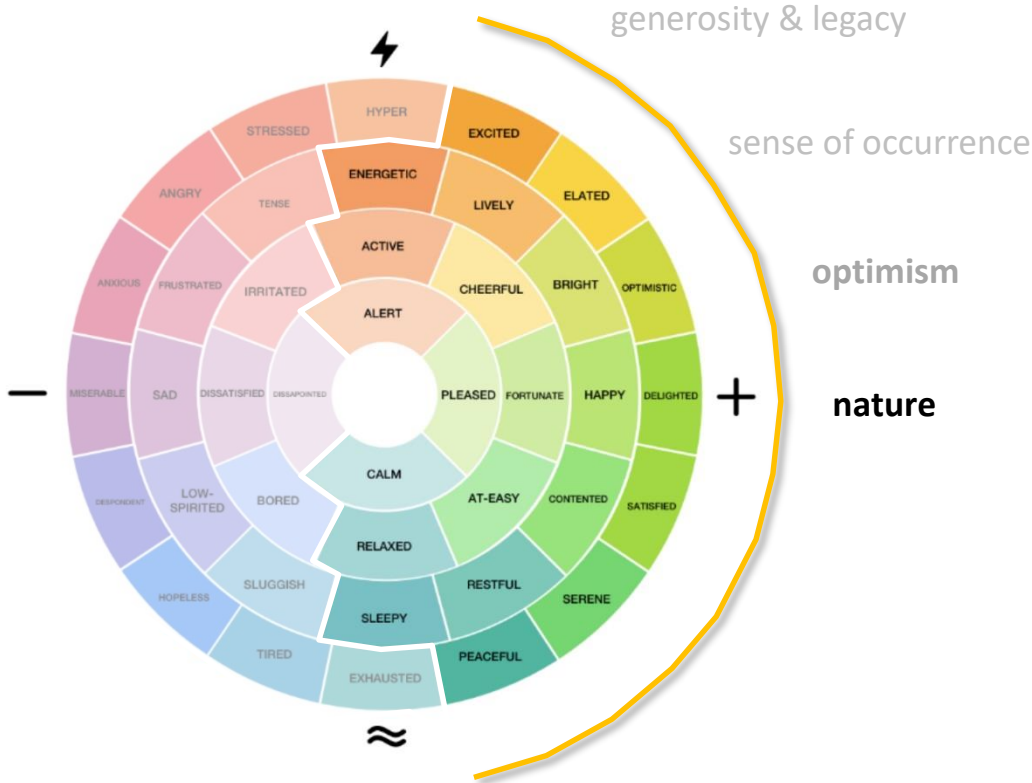
optimism

areas which radiate abundance
youthfulness & life

interoceptive, proprioceptive & exteroceptive



qualities of enriched environments
person to place

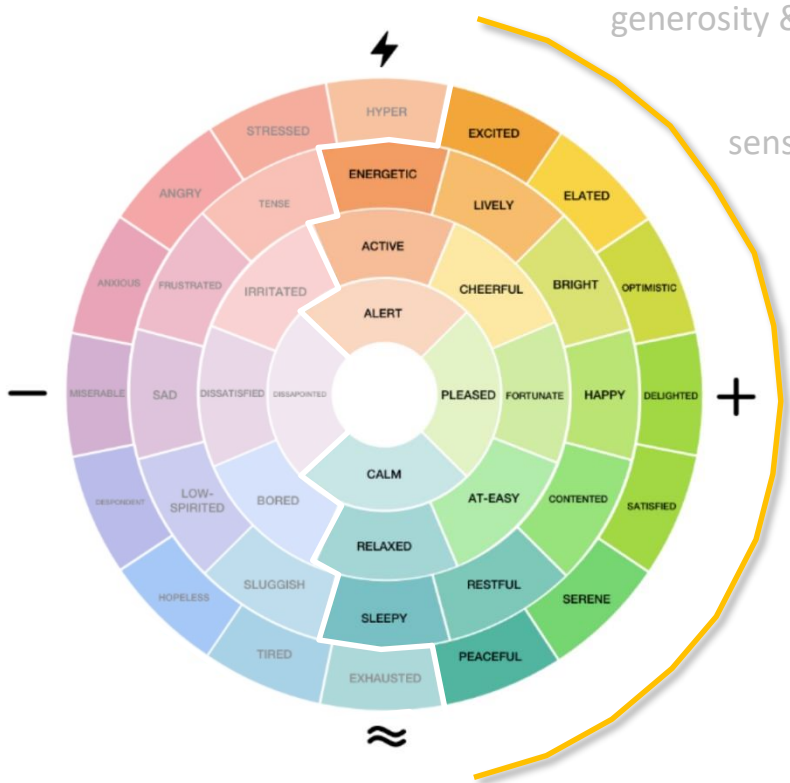


places inspired by natural shapes, light & materials, biophilic elements, hortophilia concepts, laws of nature & mid-range dimensional complexity fractal patterns

interoceptive, proprioceptive & exteroceptive



qualities of enriched environments
person to place



generosity & legacy

sense of occurrence

optimism

nature

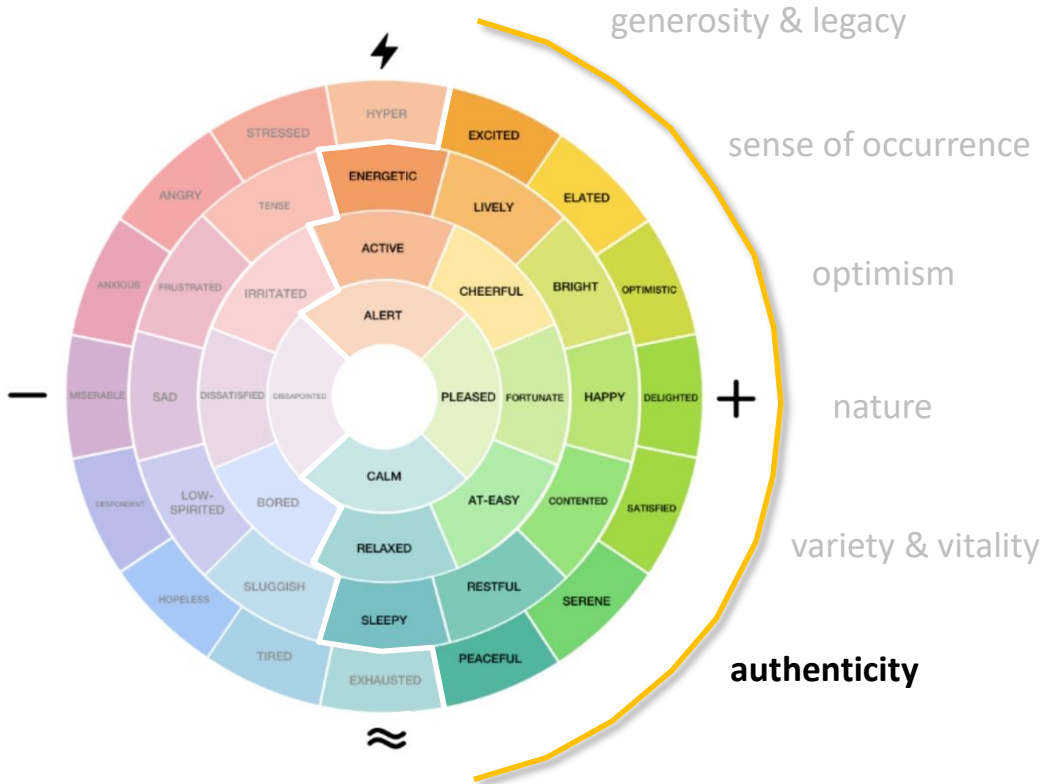
variety & vitality

spaces that offers a range of experiences a
sense of discovery stimulates positive basic
emotions & background bodily feelings of
seeking & curiosity; positive ambiguity

interoceptive, proprioceptive & exteroceptive



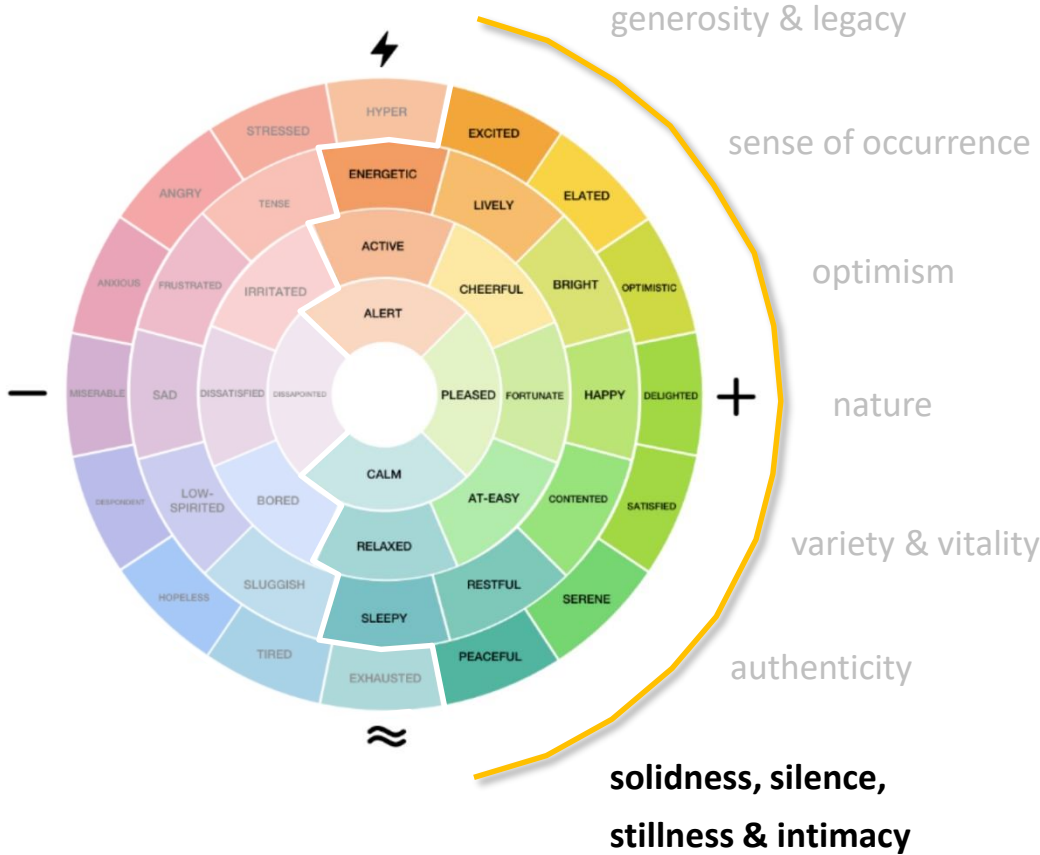
qualities of enriched environments
person to place



interoceptive, proprioceptive & exteroceptive

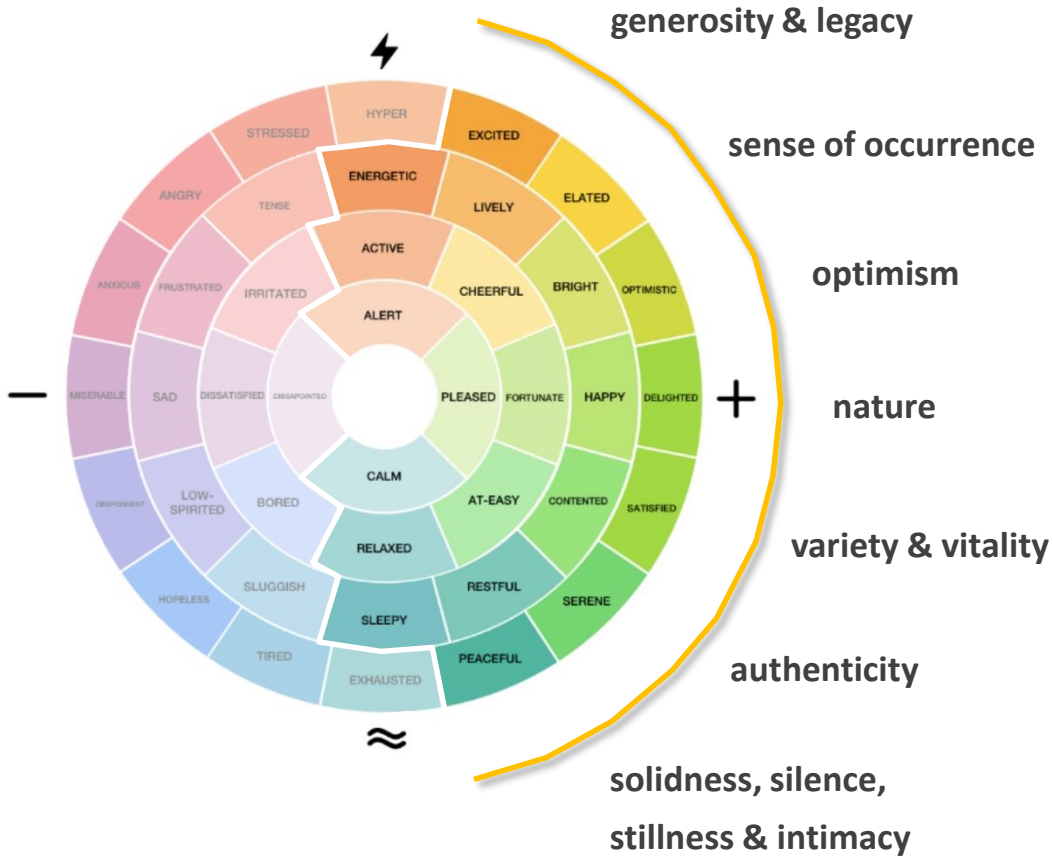


qualities of enriched environments
person to place



an unplugged architecture that allows us
to listen to our own being

interoceptive, proprioceptive & exteroceptive





generosity & legacy



generosity & legacy

surroundings that give more than they are asked
that communicate a higher aspiration & purpose of something bigger



Shaare Zedek Medical Centre, Jerusalem, Israel



Shaare Zedek Medical Centre, Jerusalem, Israel Farrow Partners & RO Architects



Shaare Zedek Medical Centre, Jerusalem, Israel Farrow Partners & RO Architects

Existing



Retail / nursing - medical school / hotel & parking



Retail / nursing - medical school / hotel & parking



Cancer centre



Cancer centre



New entry & drop off & reno / add inpatient capacity



New entry & drop off & reno / add inpatient capacity



ER, in/out patient, & parking



ER, in/out patient, & parking



New Lab, research, support, logistics & parking



New Lab, research, support, logistics & parking



New maternal (demolish nursing)



New maternal (demolish nursing)



New Emerg hospital / specialty building / cancer inpatient



Building Complete





surroundings that give more than they are asked that communicate a higher aspiration & purpose of something bigger



Shaare Zedek Medical Centre, Jerusalem, Israel Farrow Partners & RO Architects



surroundings that give more than they are asked that communicate a higher aspiration & purpose of something bigger



sense of occurrence



sense of occurrence

Venues where you feel engaged & stimulated

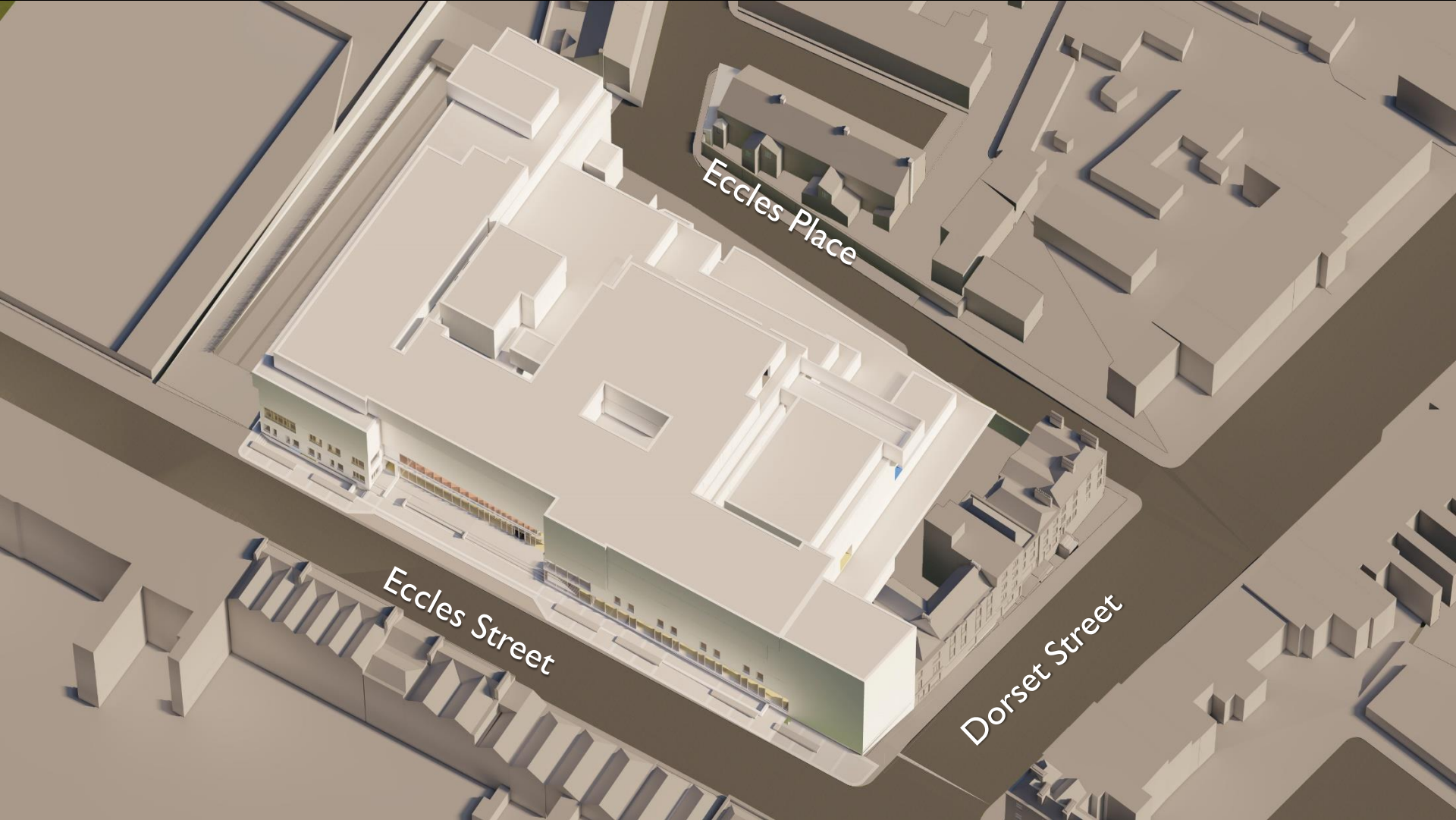


Mater Private Hospital, Dublin Ireland

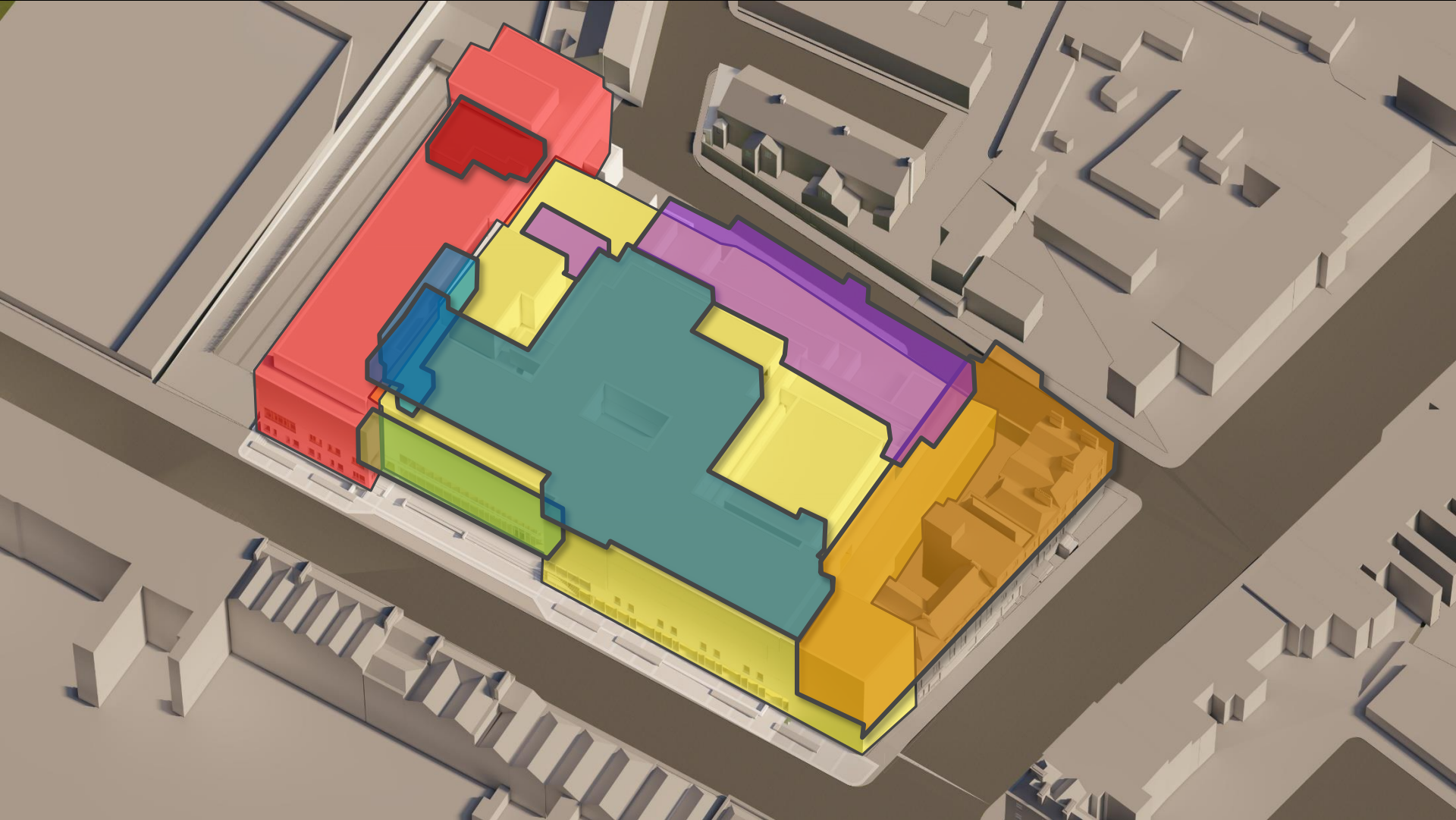
Ireland's flagship centre for cancer, cardiology & spinal care



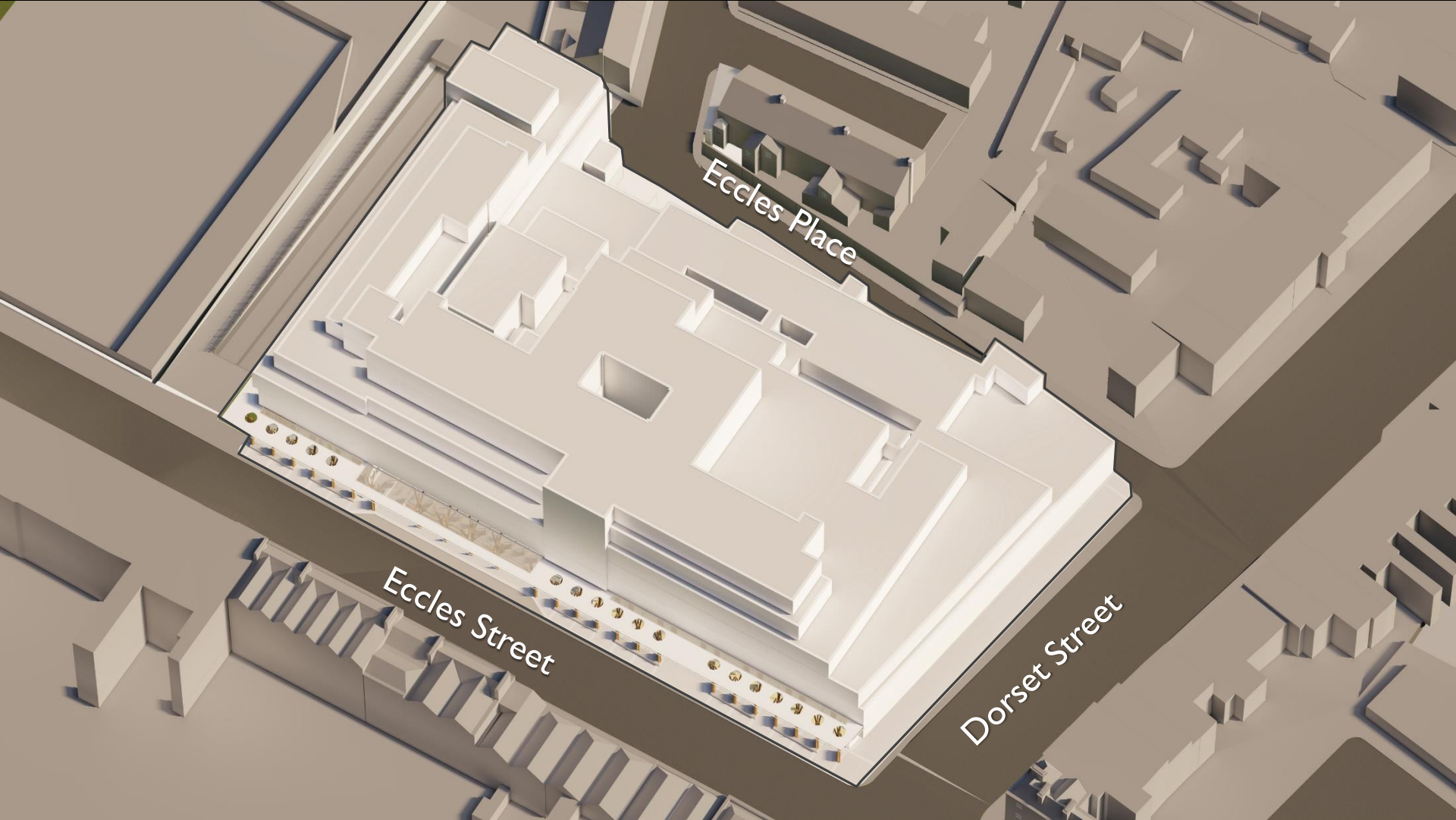
Existing Building



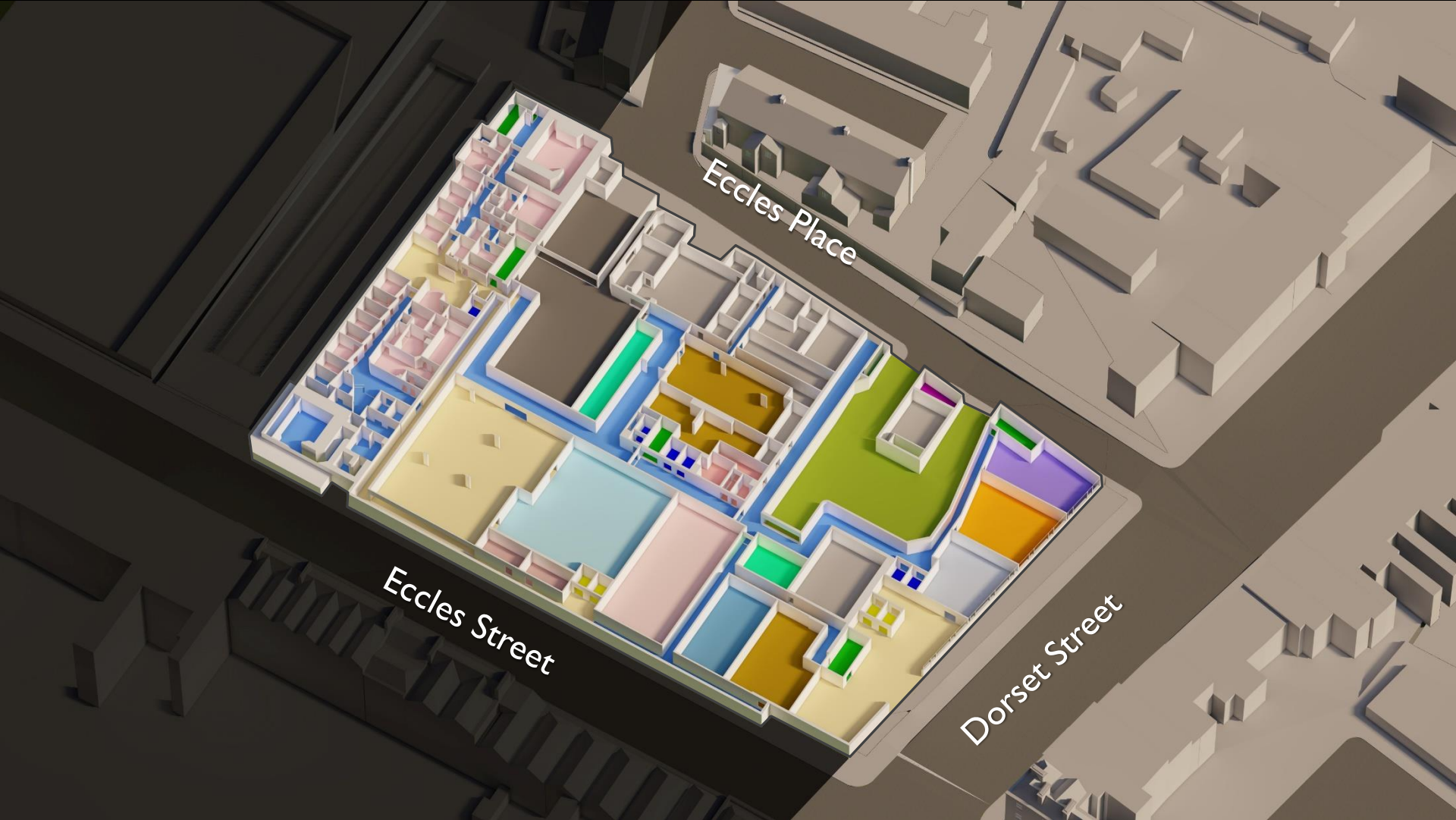
New Additions & Sequenced Renovations



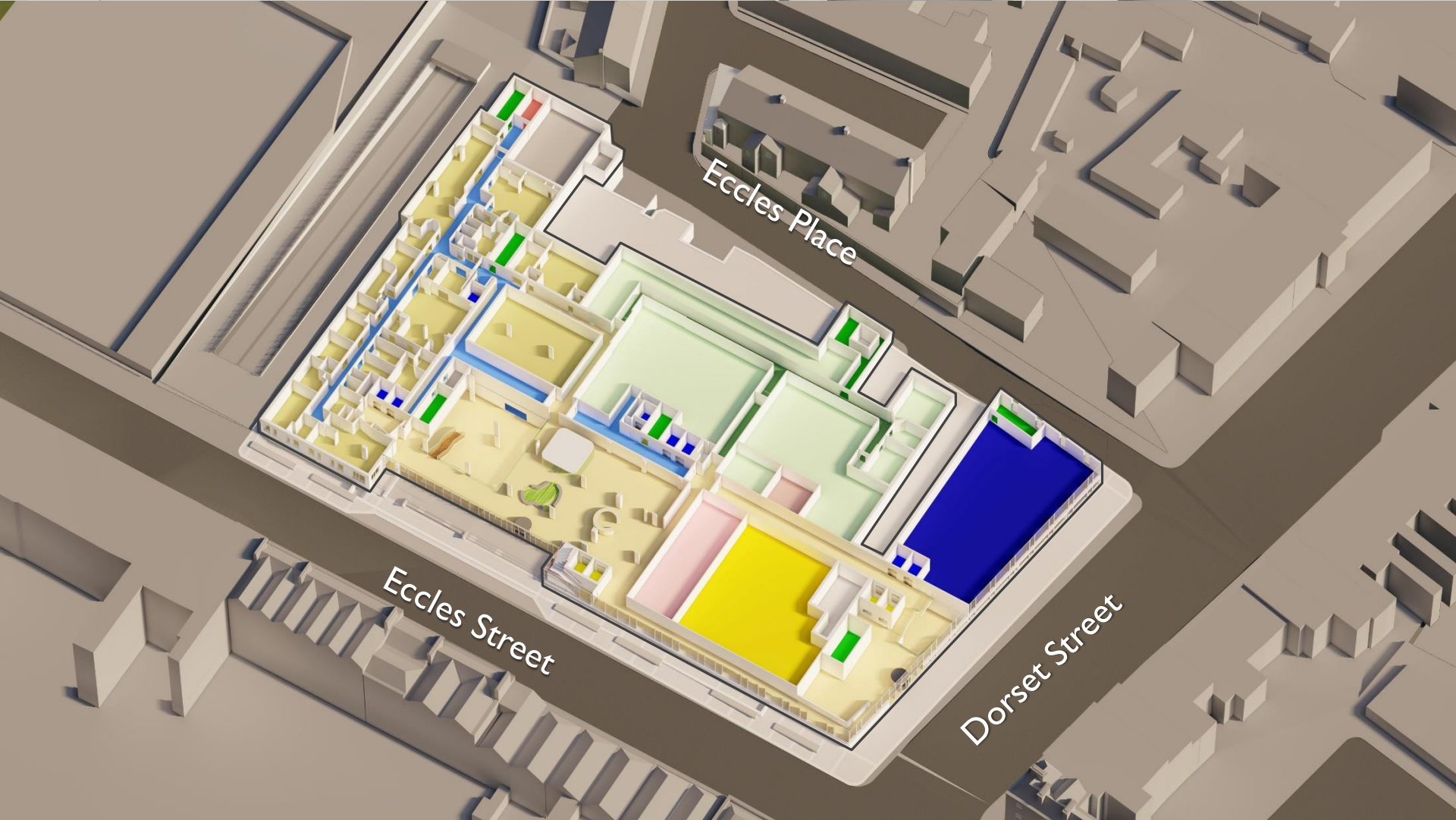
Completed Redevelopment



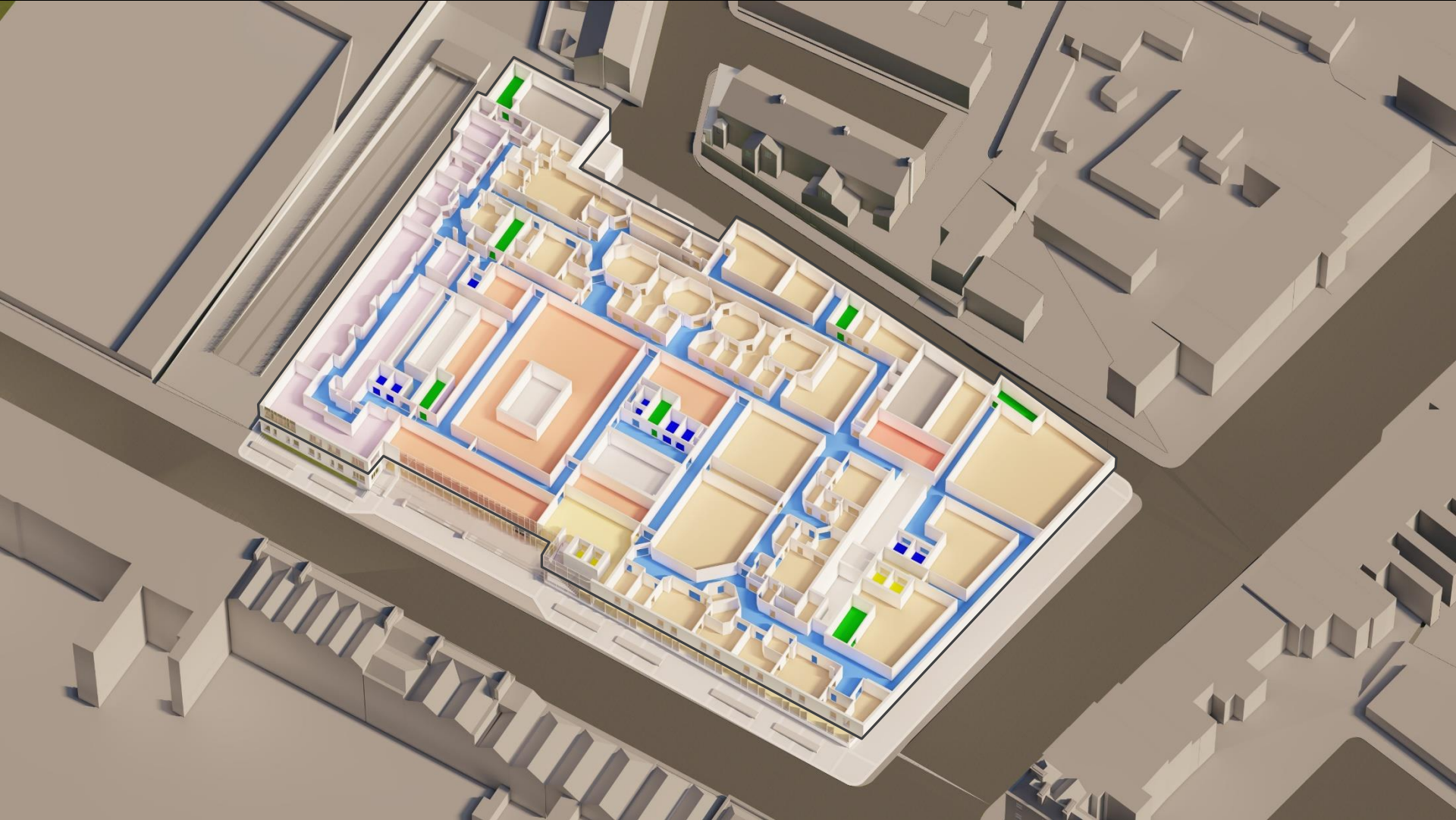
Level 0: Proposed



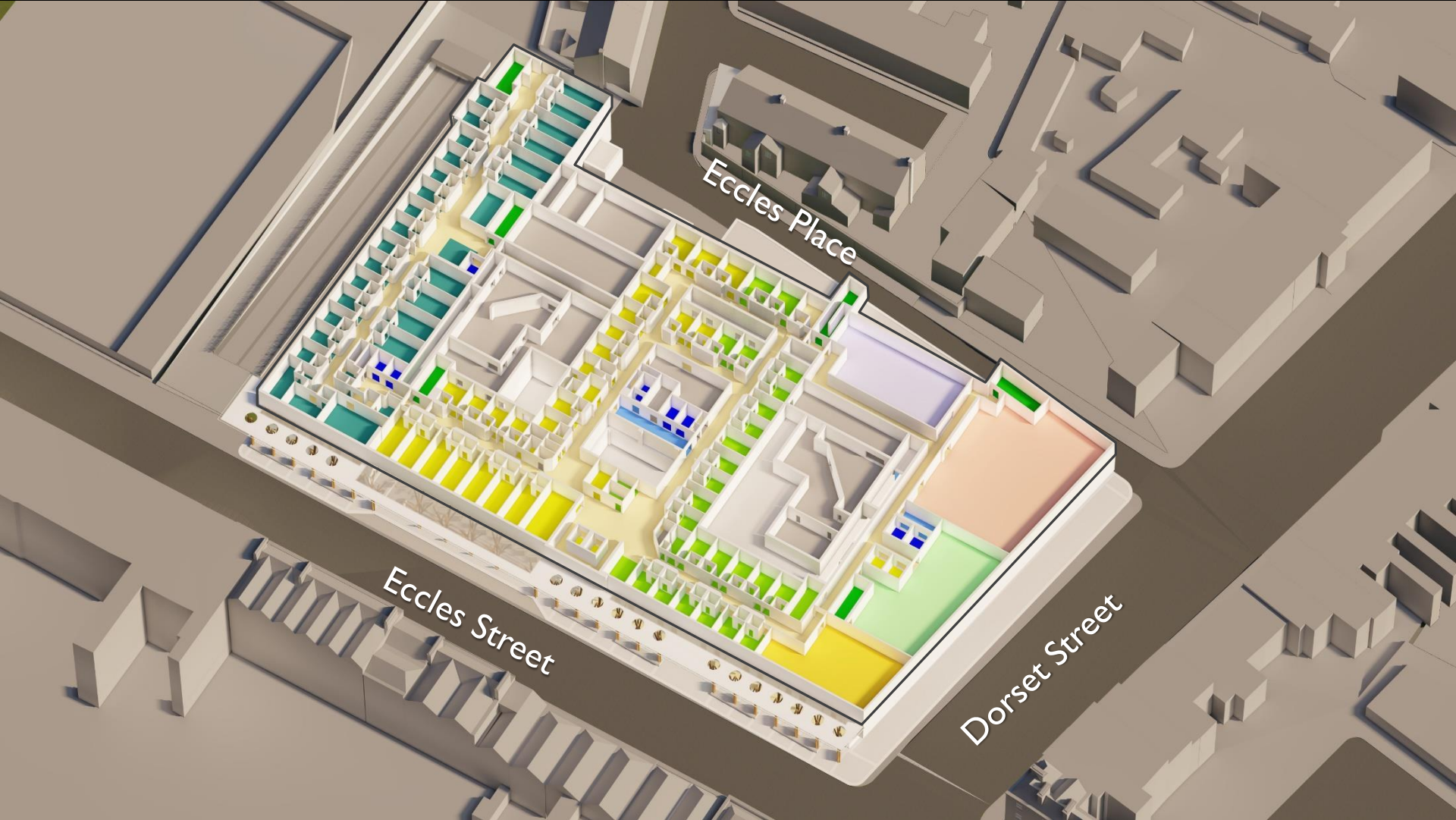
Level 1 - Proposed



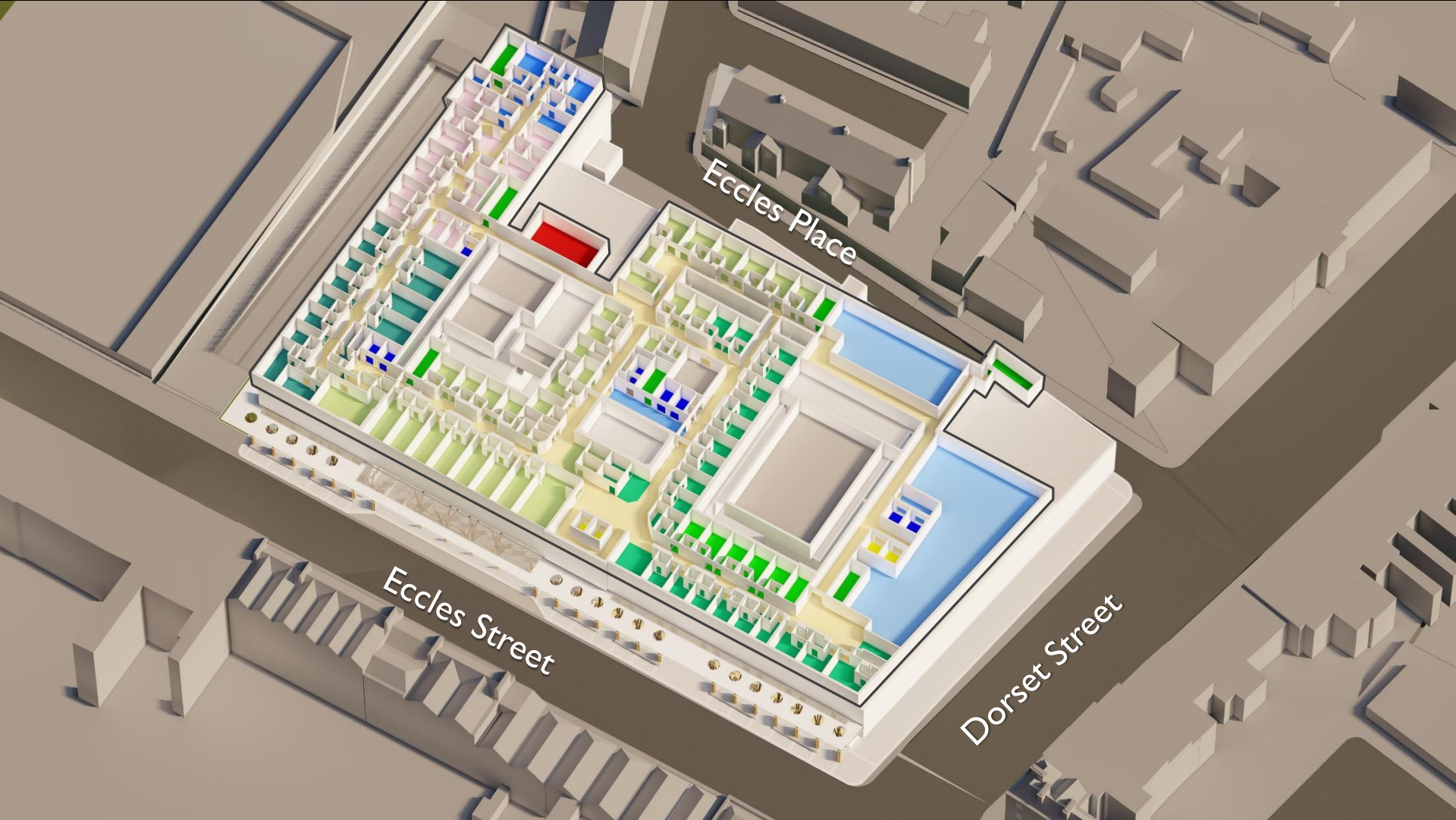
Level 2: Proposed



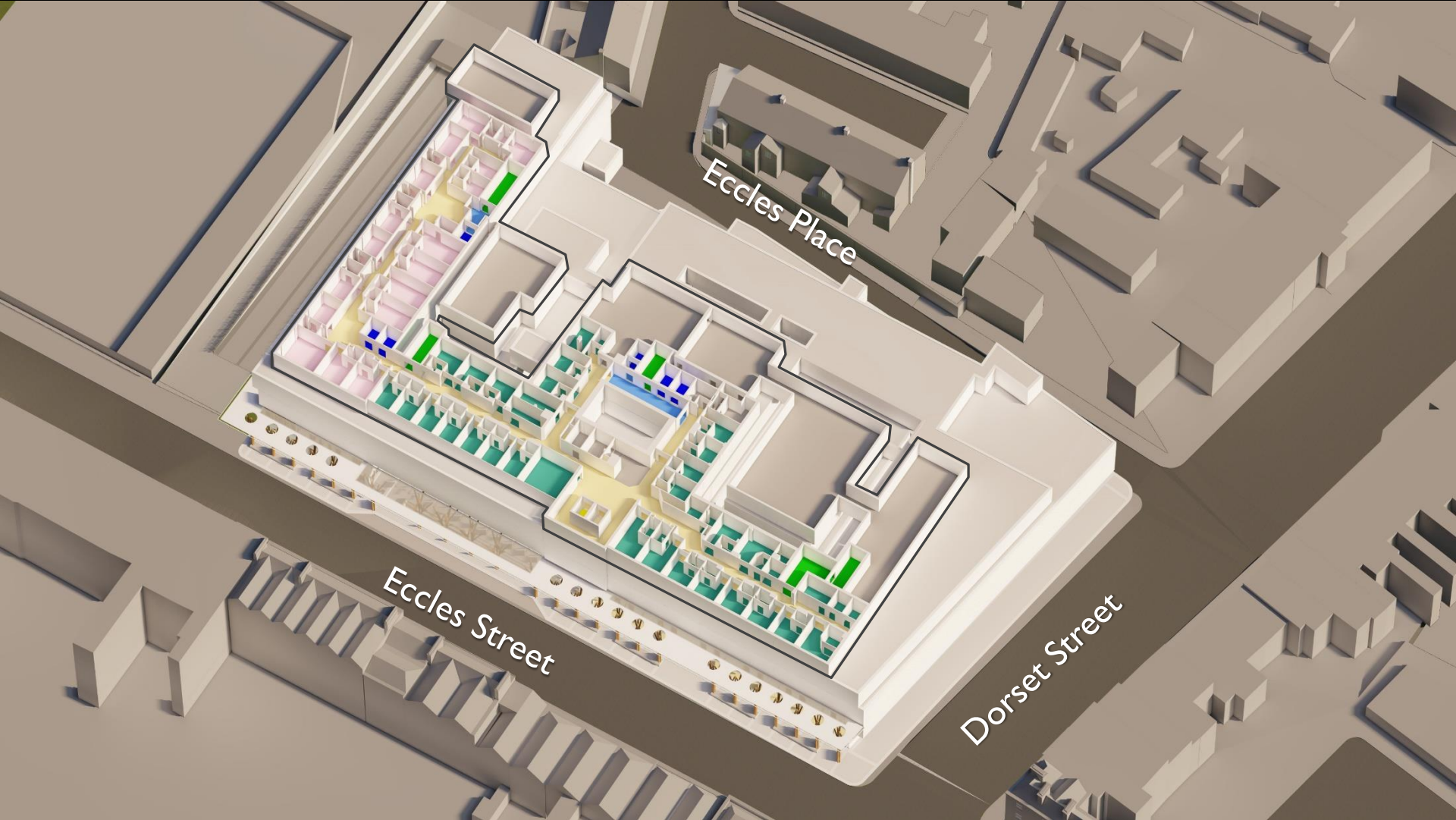
Level 3: Proposed



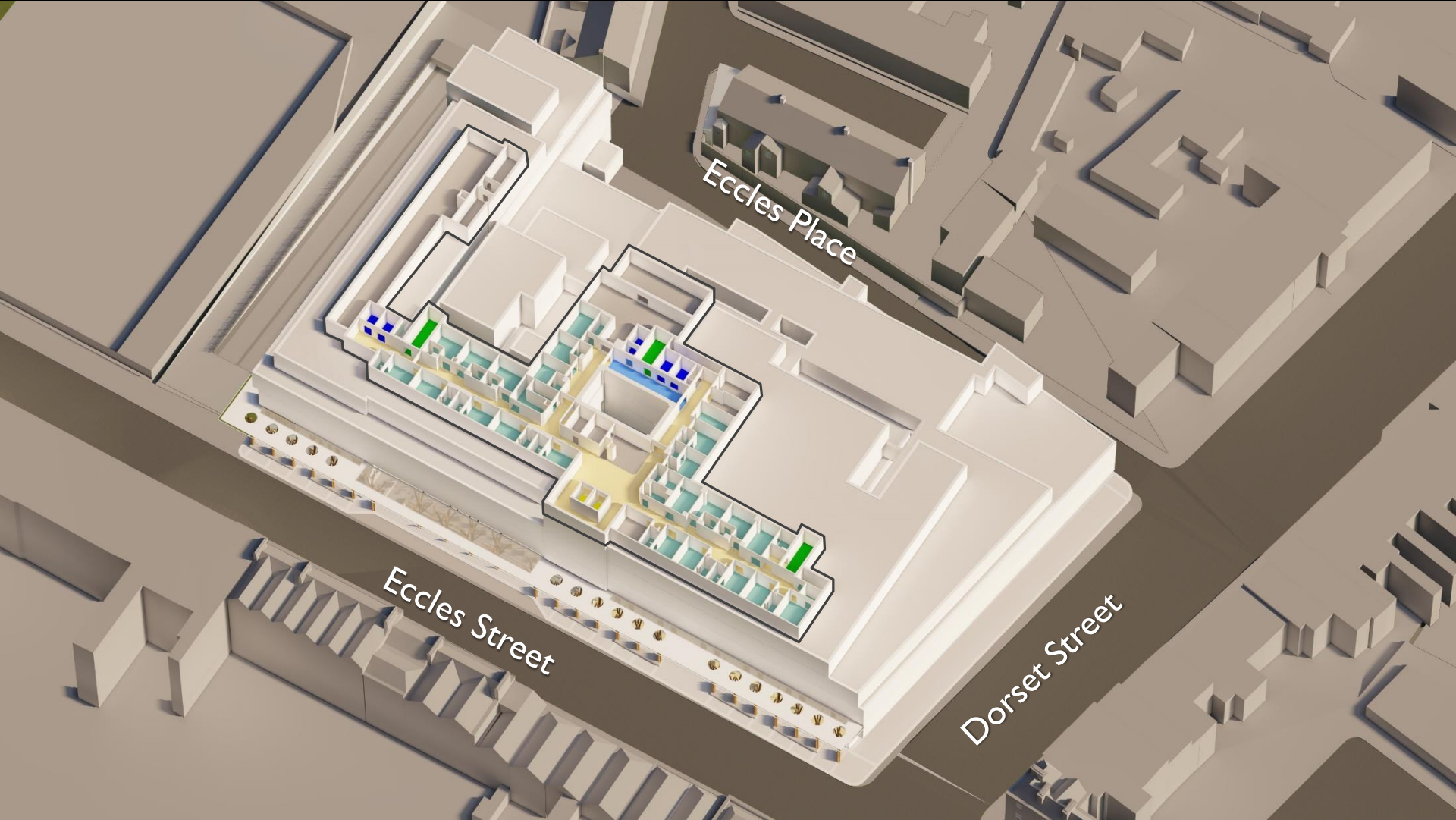
Level 4: Proposed



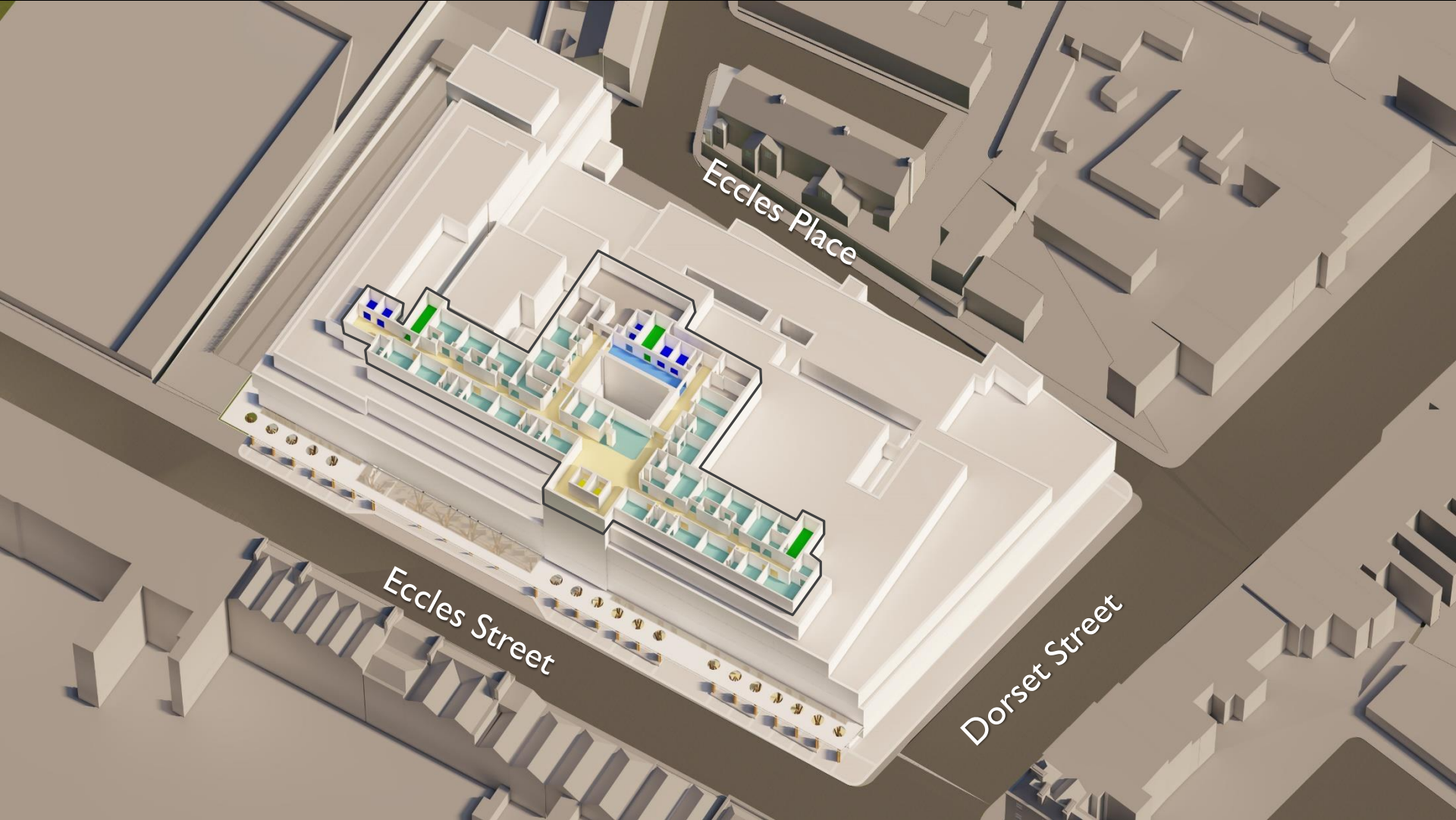
Level 5: Proposed



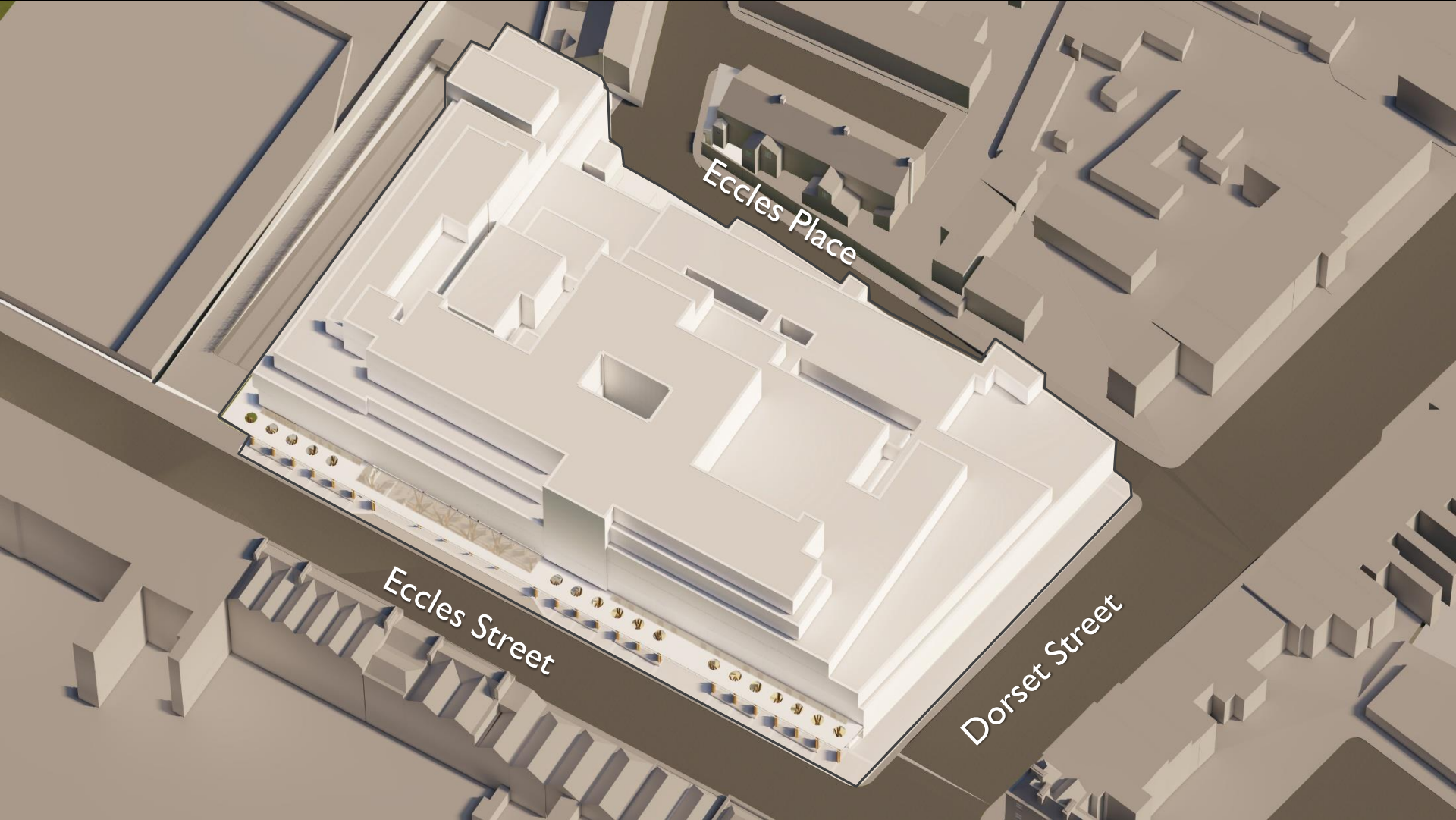
Level 6: New Inpatient Floor



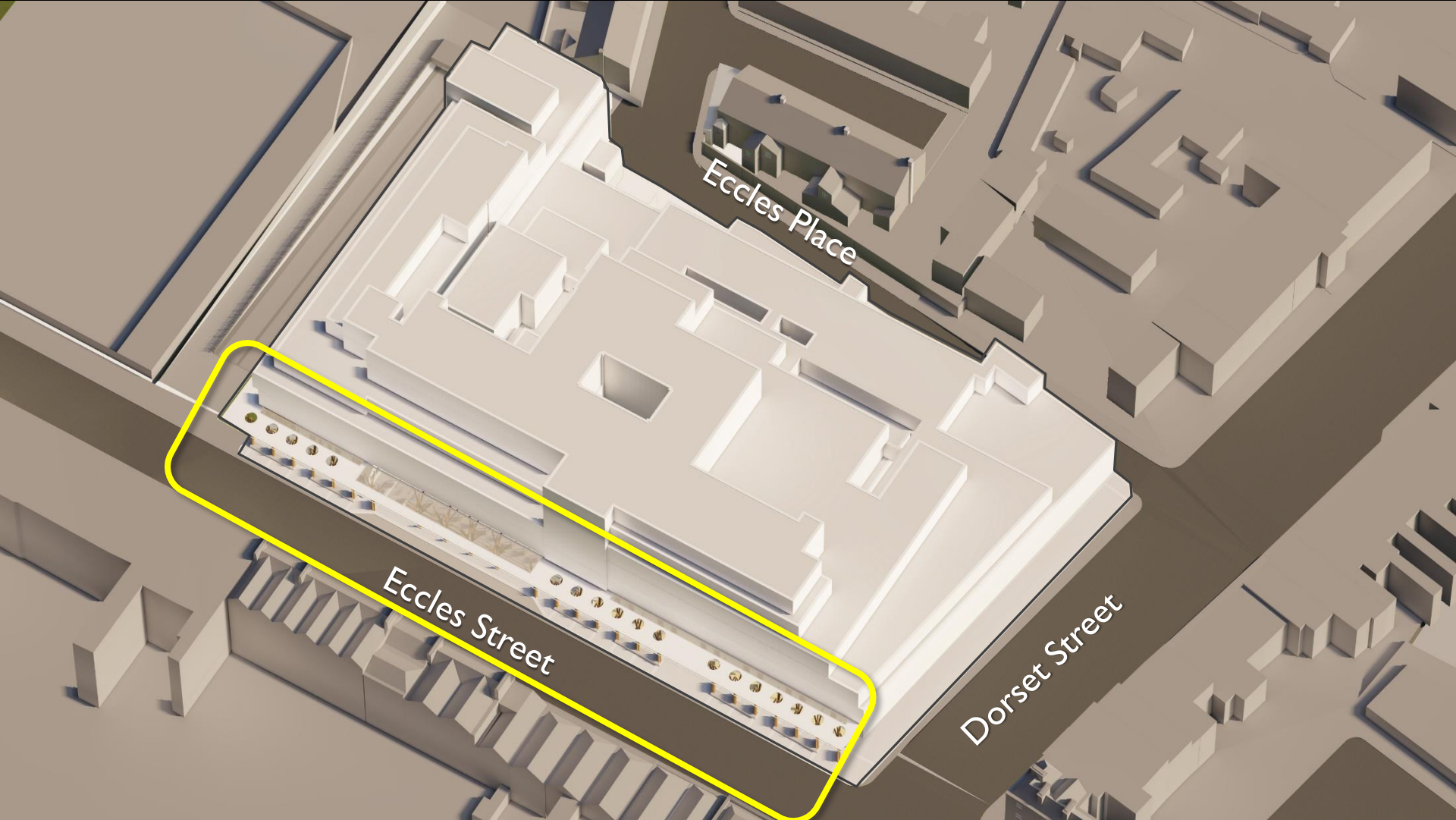
Level 7: New Inpatient Floor



Completed Redevelopment



Main Entrance



“the building doesn’t
communicate that we are
a *cathedral of medicine*
but that we are a
simple *parish church*”



Mater Private Hospital, Dublin, Ireland, Farrow Partners & MCA Architects



Bicycles locked or chained to railings will be removed



CCTV
in
Operation
Central Security
01-2842424

No Smoking

Mater
Private

You are on level 1

Physiotherapy	3	←
Pre Assessment Clinic	1	→
Radiotherapy / ECG	08	←
Restaurant	1	←
Retinal Eye Centre	3	←
Specialist Breast Centre	1	↑
St. Benedict's Ward	4	↑
St. Brigid's Ward	5	↑
St. Camillus' Ward	4	↑
St. Elizabeth's Ward	4	←
St. Joseph's Ward	2	↑
St. Teresa's Ward	3	↑
Urodynamics	3	←
X-ray	1	↑
Toilets & Babychange	1	→

How can we help?

i
Information

Mater Private





Mater Private Hospital, Dublin, Ireland, Farrow Partners & MCA Architects



Mater Private Hospital, Dublin, Ireland, Farrow Partners & MCA Architects



Venues where you feel
engaged & stimulated



**venues where you feel
engaged & stimulated**

Mater Private Hospital, Dublin, Ireland, Farrow Partners & MCA Architects



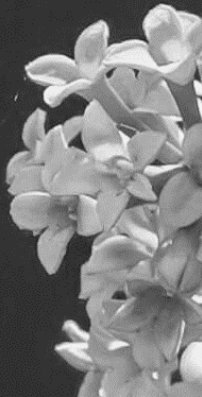




Mater Private Hospital, Dublin, Ireland, Farrow Partners & MCA Architects



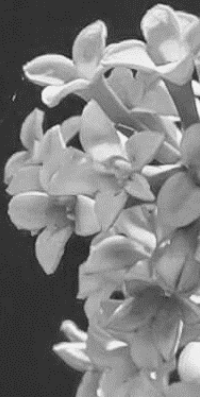
optimism

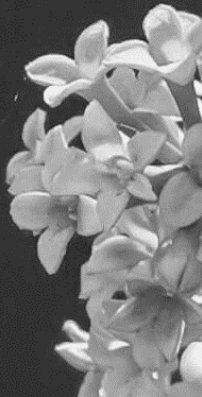




optimism

areas which radiate youthfulness, abundance & life





Shaare Zedek Cancer Centre, Jerusalem Israel





Shaare Zedek Cancer Centre, Farrow Partners & RO Architects



areas which radiate
youthfulness,
abundance & life

Shaare Zedek Cancer Centre, Farrow Partners & RO Architects



Shaare Zedek Medical Centre, Jerusalem, Farrow Partners & RO Architects





level 1
entry



level 2
library
level 1
entry



level 2
library
level 1
entry

level -1
chemotherapy



level 2
library
level 1
entry

level -1
chemotherapy

level -2
outpatient clinics



level 2
library
level 1
entry

level -1
chemotherapy

level -2
outpatient clinics

level -3
radiation therapy

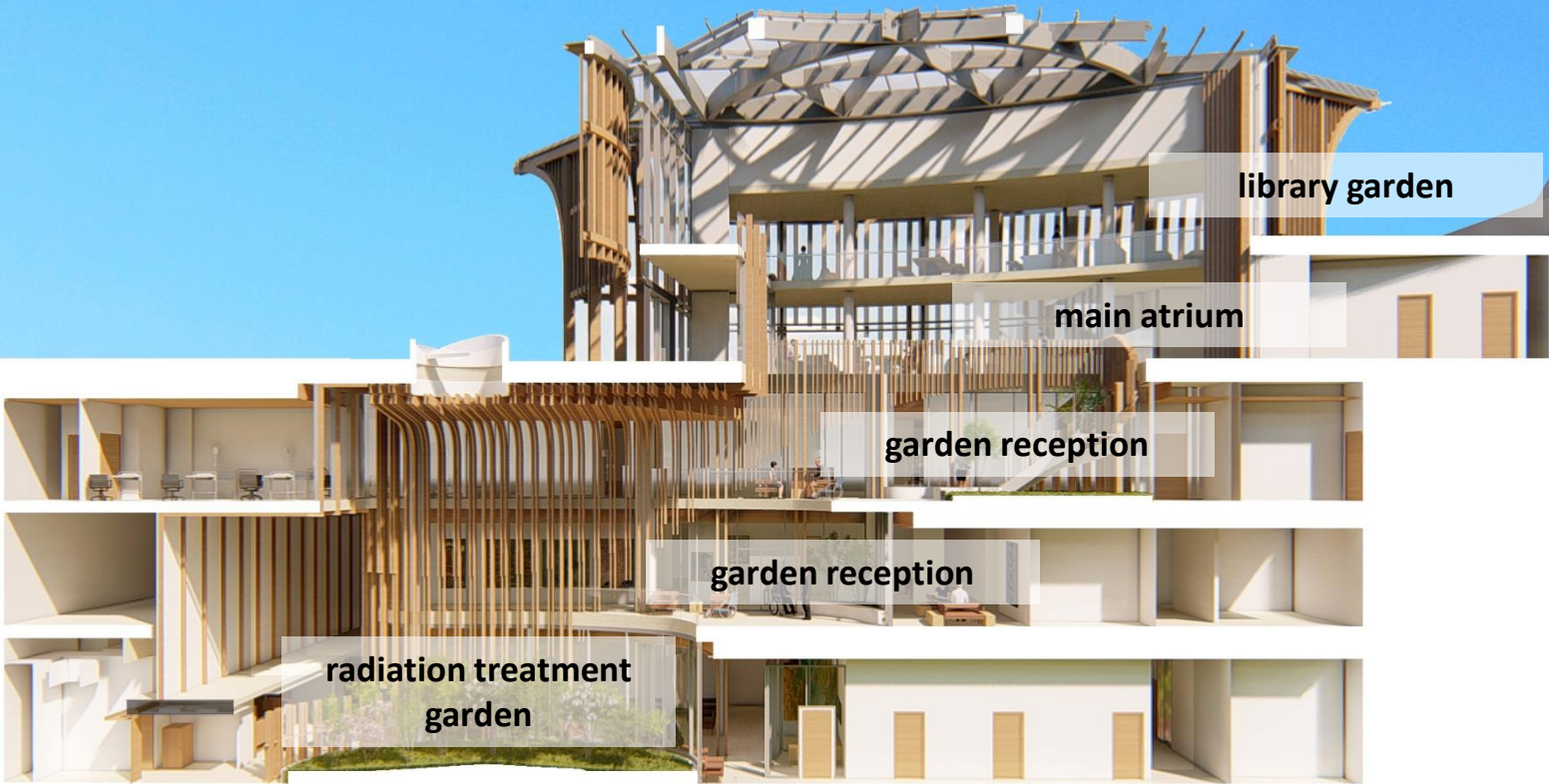


level 2
library
level 1
entry

level -1
chemotherapy

level -2
outpatient clinics

level -3
radiation therapy



library garden

main atrium

garden reception

garden reception

radiation treatment garden











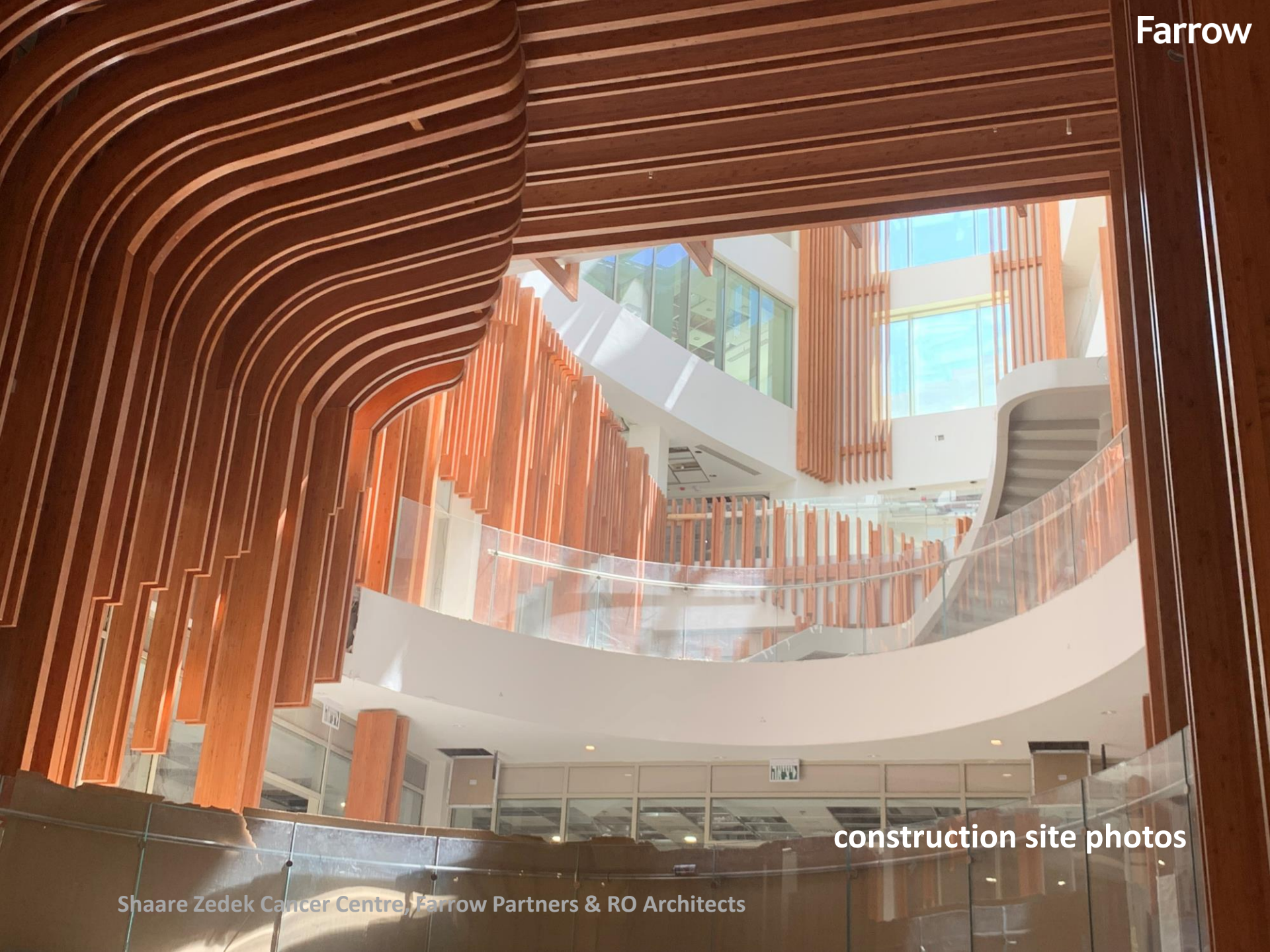
construction site photos



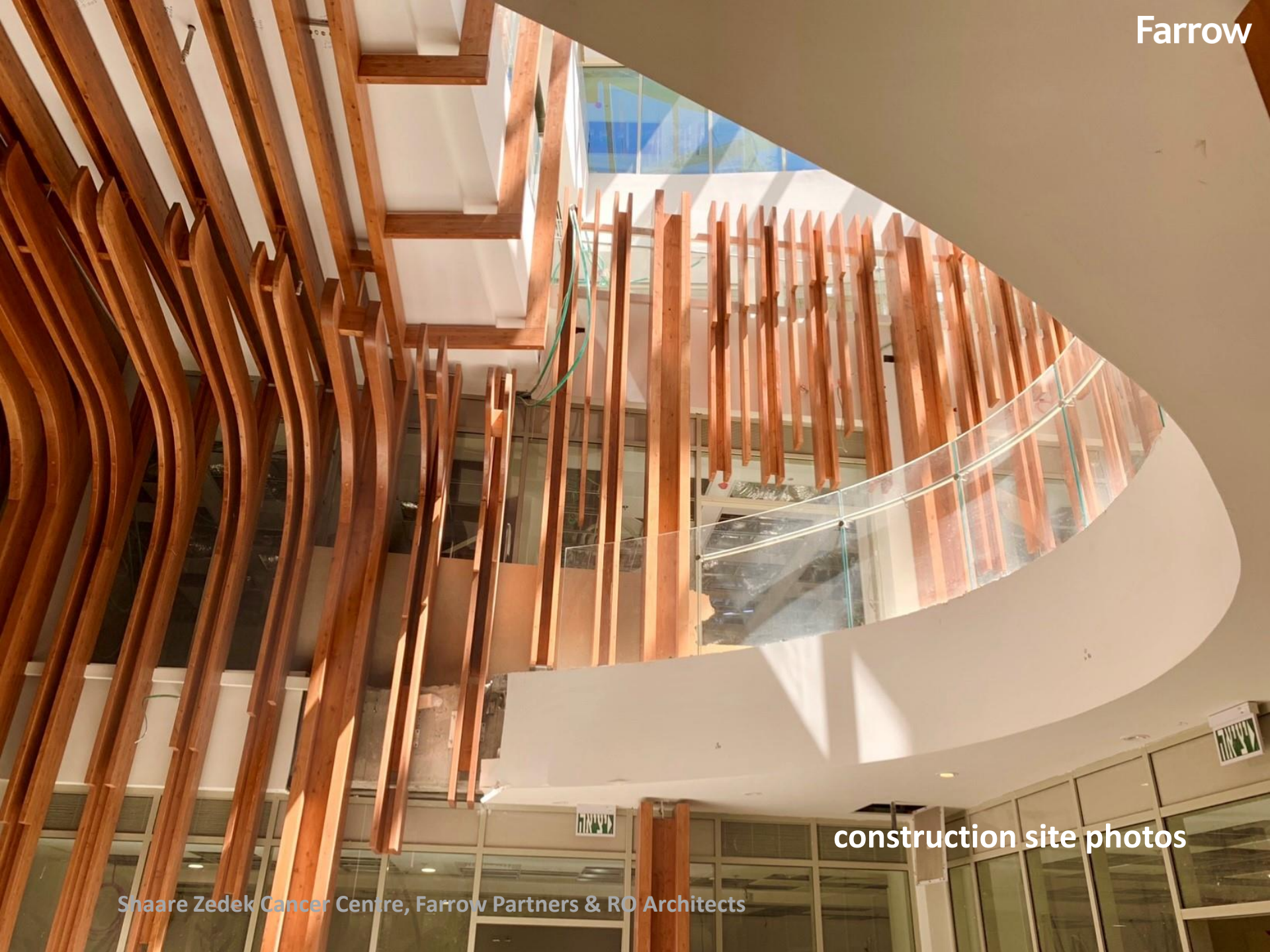
construction site photos



construction site photos



construction site photos



construction site photos



construction site photos



construction site photos



construction site photos



Shaare Zedek Cancer Centre, Farrow Partners & RO Architects



areas which radiate youthfulness, abundance & life



nature



nature

places inspired by natural shapes, light & materials, biophilic elements, laws of nature and mid-range dimensional complexity
fractal patterns



Credit Valley Hospital, Mississauga Ontario Canada





Credit Valley Hospital, Farrow Partners

places inspired by natural
shapes, light & materials

Credit Valley Hospital, Farrow Partners







Credit Valley Hospital, Farrow Partners



Credit Valley Hospital, Farrow Partners

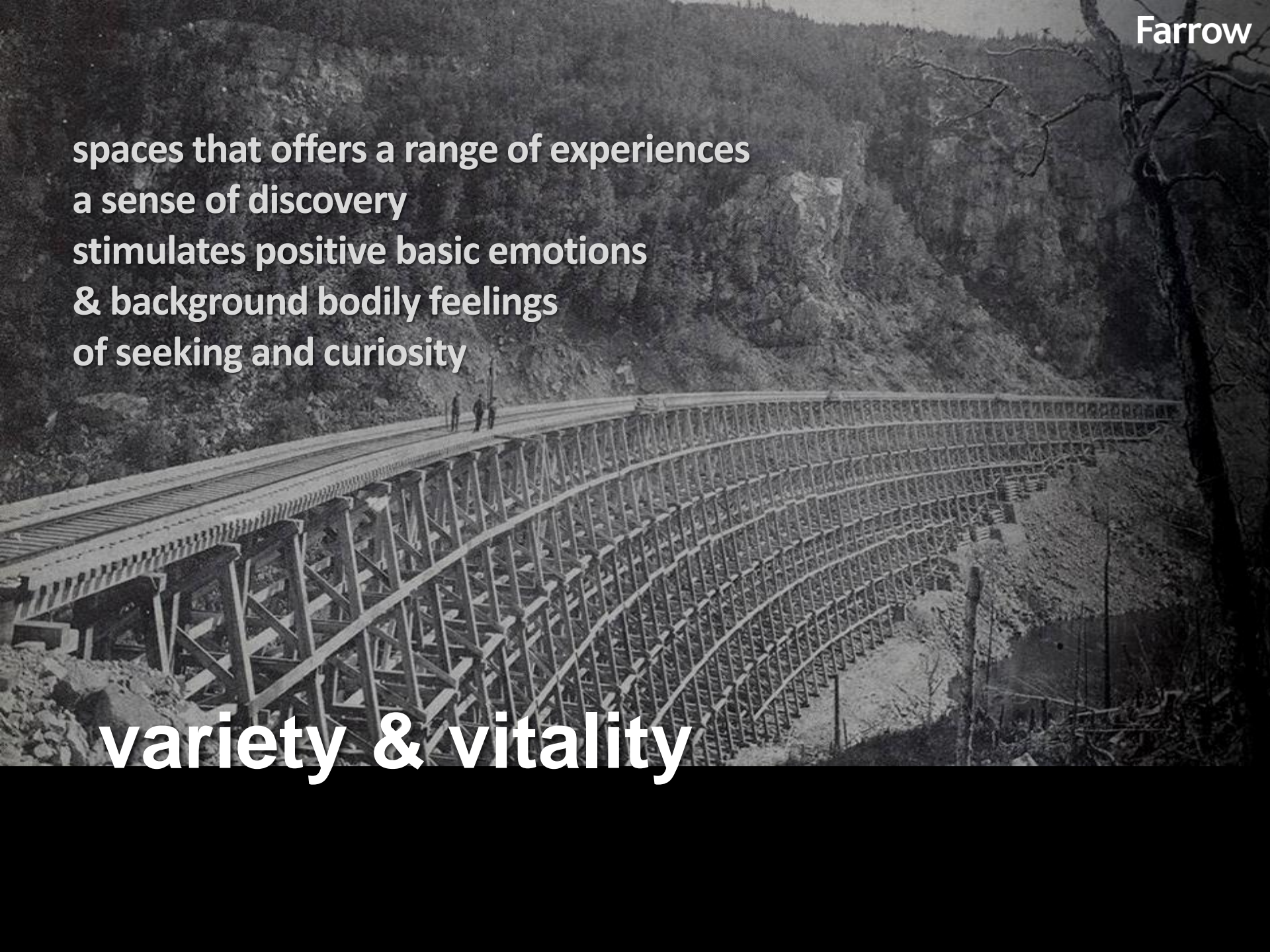




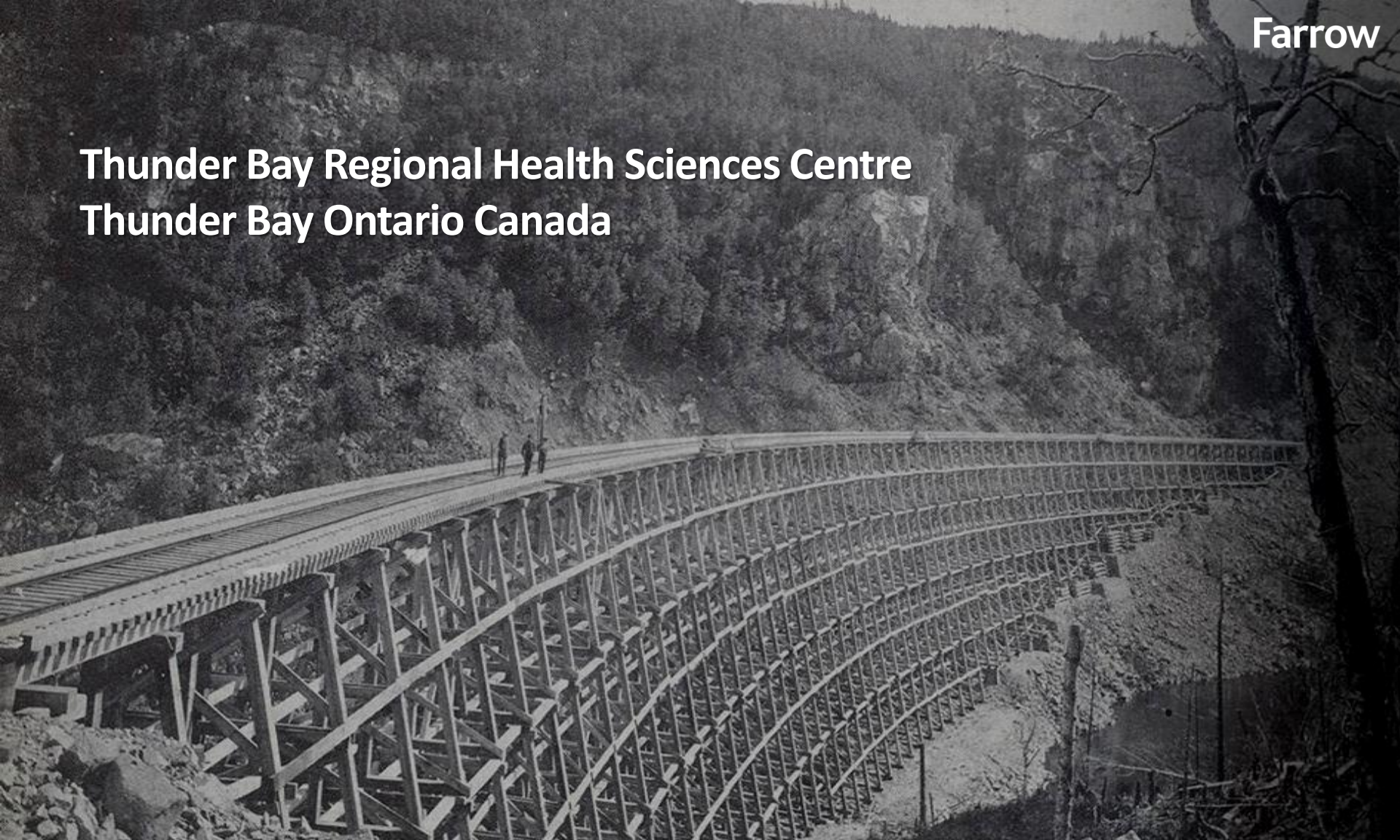
variety & vitality

spaces that offers a range of experiences
a sense of discovery
stimulates positive basic emotions
& background bodily feelings
of seeking and curiosity

variety & vitality



**Thunder Bay Regional Health Sciences Centre
Thunder Bay Ontario Canada**

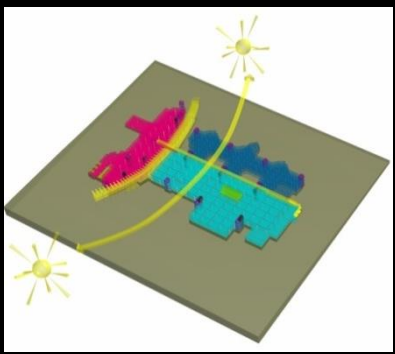




Thunder Bay Health Sciences Centre, Farrow Partners & Salter Pilon



Thunder Bay Health Sciences Centre, Farrow Partners & Salter Pilon





spaces that offers a range of experiences a sense of discovery







Thunder Bay Health Sciences Centre, Farrow Partners & Salter Pilon



authenticity

environments with a sense of reality, rootedness & passing time



authenticity



**St Mary's Hospital
Sechelt, British Columbia Canada**



'bent box'



St. Mary's Hospital
Main Entrance

EMERGENCY



Sechelt Medical Centre, Farrow Partners & Perkins Will



Sechelt Medical Centre, Farrow Partners & Perkins Will



Sechelt Medical Centre, Farrow Partners & Perkins-Will



Farrow

Sechelt Medical Centre, Farrow Partners & Perkins Will

environments with a sense of
reality & rootedness



Farrow



Farrow

Sechelt Medical Centre, Farrow Partners & Perkins Will



solidness, silence, stillness & intimacy

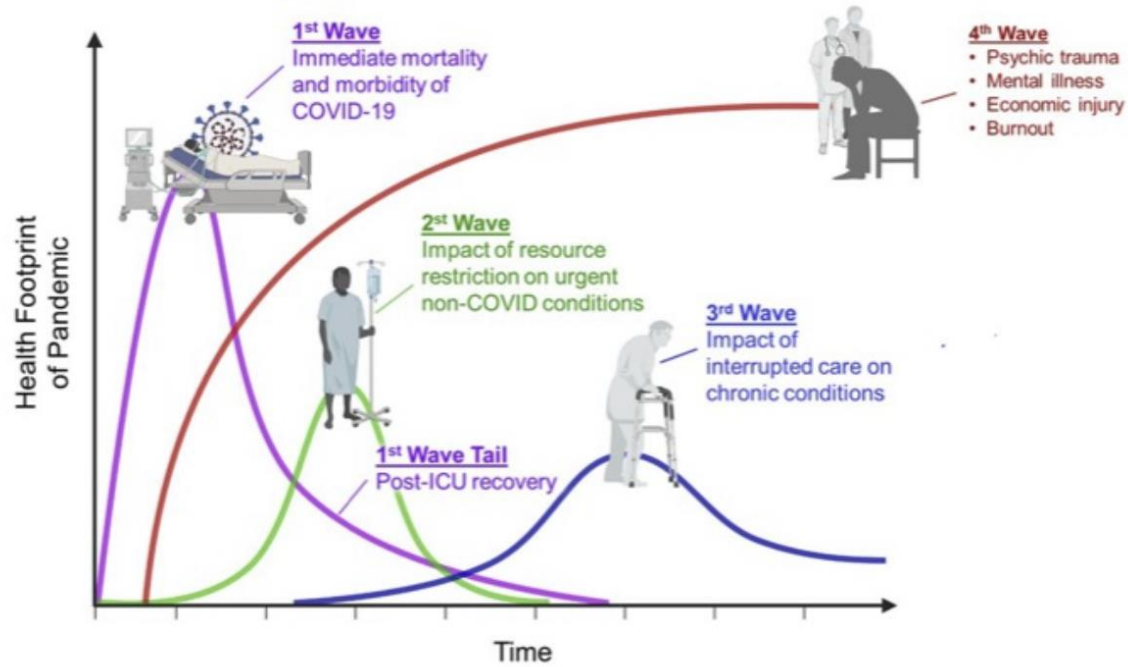


solidness, silence, stillness & intimacy

an unplugged architecture that allowing humans
to listen to their own being



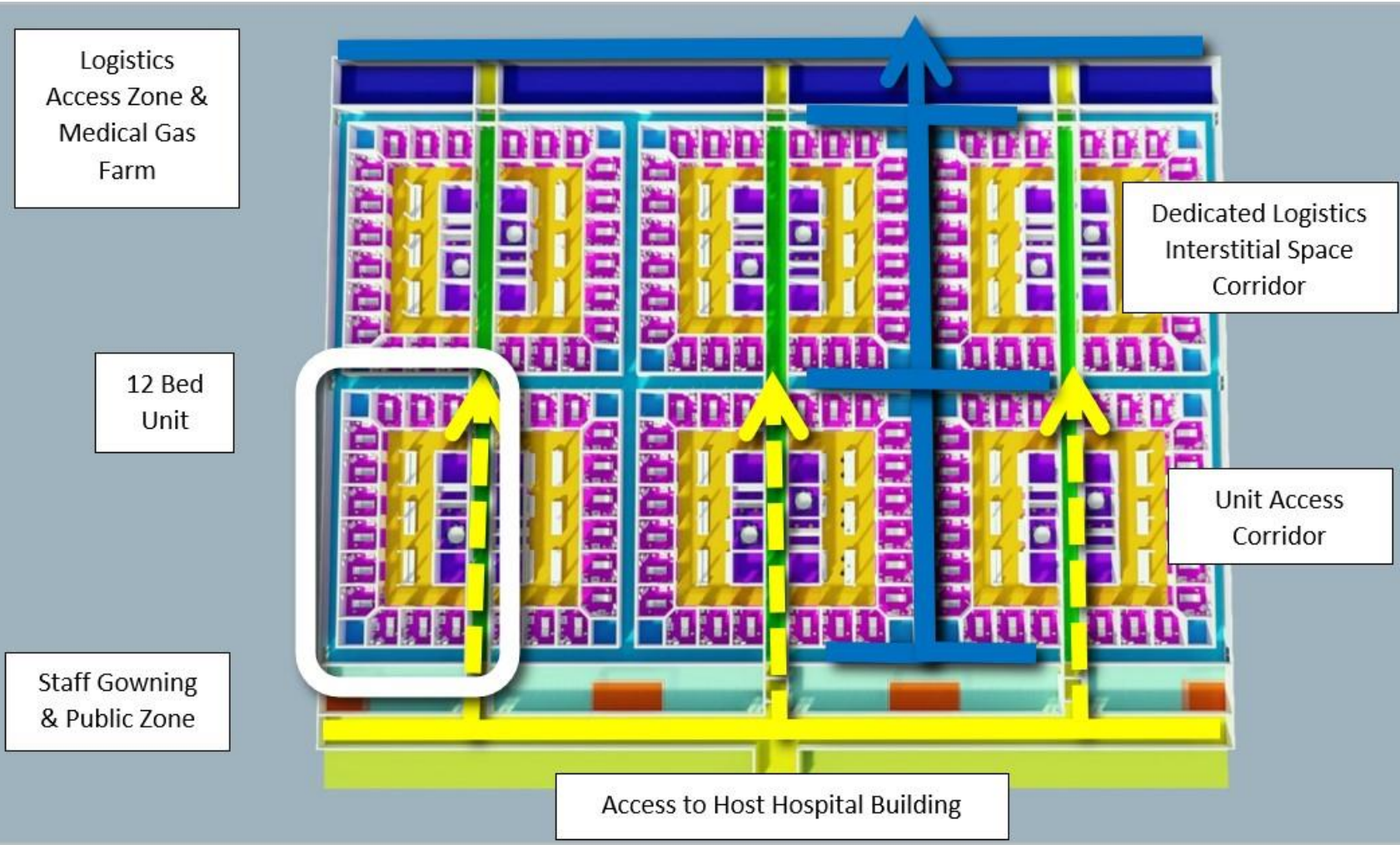
**Solace Rapid Assembly - High Performance
Covid-19 Inpatient Bed Units**







Solace Rapid Assembly - High Performance Covid-19 Inpatient Bed Units, Farrow Partners





Solace Rapid Assembly - High Performance Covid-19 Inpatient Bed Units, Farrow Partners



Solace Rapid Assembly - High Performance Covid-19 Inpatient Bed Units, Farrow Partners



Solace Rapid Assembly - High Performance Covid-19 Inpatient Bed Units, Farrow Partners



Solace Rapid Assembly - High Performance Covid-19 Inpatient Bed Units, Farrow Partners



Solace Rapid Assembly - High Performance Covid-19 Inpatient Bed Units, Farrow Partners



Solace Rapid Assembly - High Performance Covid-19 Inpatient Bed Units, Farrow Partners



an unplugged architecture



an unplugged architecture



an unplugged architecture



an unplugged architecture



an unplugged architecture



an unplugged architecture



an unplugged architecture



Solace Rapid Assembly - High Performance Covid-19 Inpatient Bed Units, Farrow Partners



enriched environments
intentional design choices

**cause physiological &
psychological health**

**stimulate learning,
memory, & enhance
social relationships**

why?

flourish

Constructing Health: An exploration of generous architecture through the neurological, psychological, and emotional benefits of enriched environments

Published Spring 2023



[tyefarrow@instagram](https://www.instagram.com/tyefarrow)
[tye farrow@linkedin](https://www.linkedin.com/in/tye-farrow)
tye@farrowpartners.ca
farrowpartners.ca



