Nature has been an important element to the healing process for centuries until the industrial revolution and the discovery of modern medicine. The beneficial homeopathic properties of nature were discarded for sterile surfaces and fluorescent lighting. There is no debate that modern medical advances have not greatly benefitted the ill, but at what cost? When did the quantity of lives spared become more important than the quality of those lives? Force of Nature brings together the research and design to assist in the fulfillment of the Hippocratic Oath, First, do no harm.

Elizabeth Czeck | LA 5 Thesis Design Studio | Spring 2018 | Jason Ost & Kathleen Pepple
SANFORD BROADWAY MEDICAL CENTER

HEALING GARDEN MASTER PLAN

North Fargo, ND | SCALE 1:5

ADA COMPLIANCE
Accessible Ramps
- Minimum width of 48"

Seating Accommodations Throughout Site
Multiple ADA Entry and Exit Points

SENSORY

1. Cafe Style Seating
   - Seasonal Berries
     - Attract wildlife

2. Large Live Entertainment Space
   - Natural sounds
3. Plant Buffer
   - Reduce Neighborhood Delinquency
4. Water Reuse
   - Toilets & spill sealing relaxing ambient sound
5. Plantings with subtle natural sounds
   - I.e. Quaking Aspen Tree
6. Stone & Corten Steel Wall
   - Reduce traffic noise

OUTDOOR DINING AREA
1. Summer Cocktails
2. Fragrant Flowers, Low Odor Cultivars
   - I.e. Lilac Tree (see plant pallet for specs.)

ENTRANCE
1. Large Atrium Entrance
   - Wide view of garden
2. Pergolas
   - Provide protection from elements
3. Planting Berm
   - Create cozy & semi-private spaces
4. Water Pools
   - Calming views
5. Plant Buffer & Wall
   - Provide privacy from neighborhood
6. Seating Nook
   - For patients awaiting pick-up

TOUCH
1. Soft to the Touch
   - I.e. Feather Reed Grass
2. Concrete "Pebble" Seating
   - Smooth and graceful shapes
3. Corten Steel Retaining Wall & Handrail
   - Contrasting texture
4. Corten Steel Retaining Wall & Handrail
   - "Rumble strip" texture for the visually impaired
5. Plastic Contoured Lounge Seating
   - Smooth and lightweight for flexible arrangement

WATER FEATURE
1. Waterfall
   - Calming views
2. Plant Buffer & Wall
   - Provide privacy from neighborhood
3. Plantings with subtle natural sounds
   - I.e. Quaking Aspen Tree
4. Planting Berm
   - Create cozy & semi-private spaces
5. Water Pools
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DESIGN DETAIL
- Metal pergola with wooden accents brings contrast to the lush garden plantings. Providing shelter from the elements, these structures create an inviting and comfortable space for mental, physical and emotional healing.
- Corten steel facade becomes a compelling contrast to the green gardens. A unique patina develops as corten steel ages, similar to our bodies. Every scratch, scrape and divot tells a story. The water feature brings a sleek element of design and aids in sensory healing.
- Retaining Wall
  - Standard CMU
  - Corten Steel Cladding
- Standard Footing (Zone 3)
- Steel Frame
  - Powder-Coated Black
- Teak
  - Tectona grandis
- Bracket

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Section A-A provides a better understanding of existing structures and modified topography. The Cardiovascular Diagnostics’ roof structure will continue to be utilized as part of the healing garden design. Though challenging, the existing and ramp structures will be updated to provide patients with mobility limitations better access to the gardens and healing spaces.

Section B-B provides understanding to the berming, wall and planting buffer. Proportion and scale were taken into account to assist in the creation of cozy and welcoming healing spaces. Flexible furniture design encourages the users to create custom seating arrangements to better fit their needs.