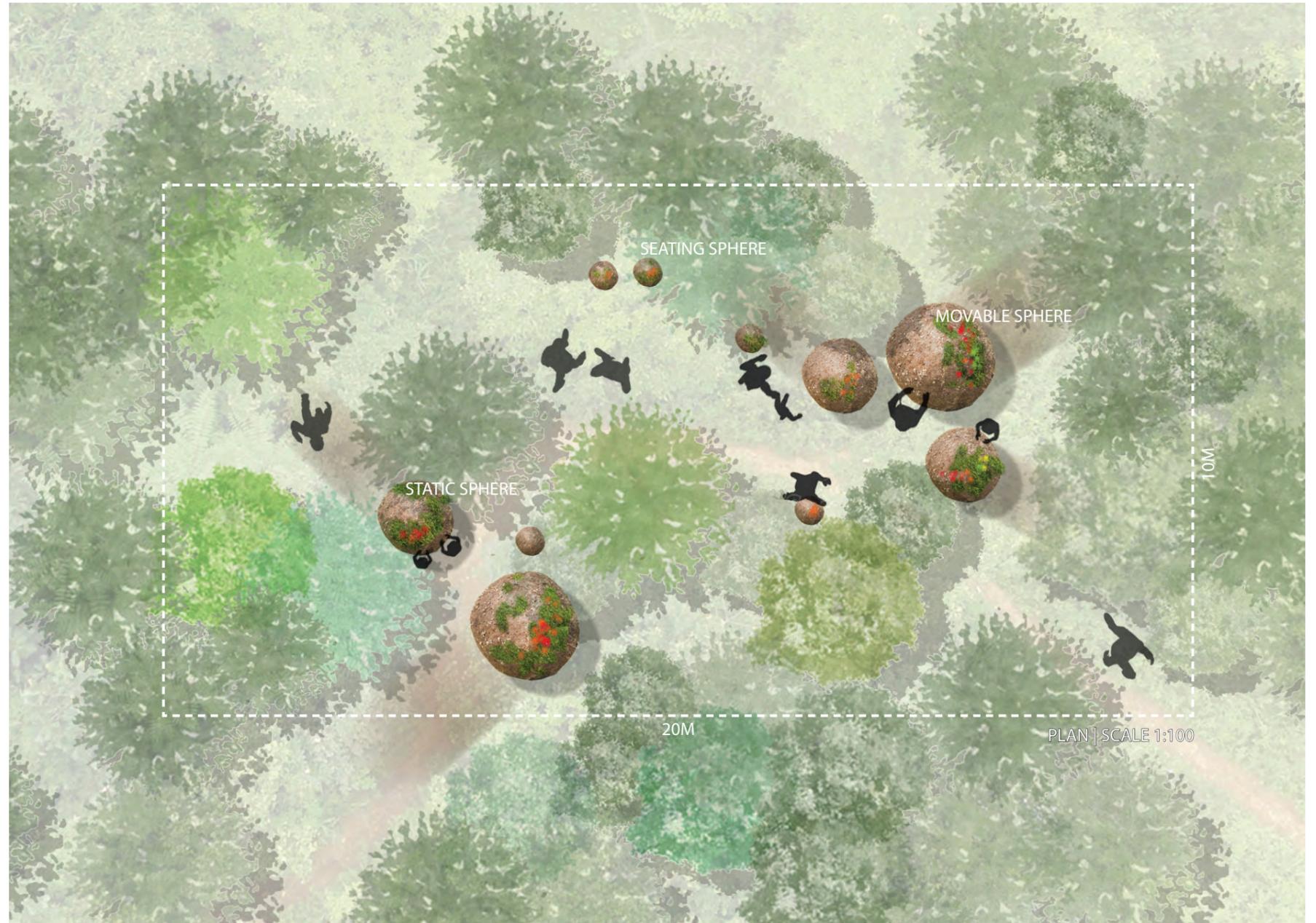




Le Cycle

"life of PooP"

Le Cycle, or Life of PooP, implores kids and families to play together and GET DIRTY; to have a memorable and tangible experience in a new and unique way with the essential and life supporting services that detritivores and agents of decomposition have in the life of our planet. Movable spherical balls of soil that support mushroom and plant growth encourage interaction. Children and adults may sit, climb, or roll balls of compost and earth through the forest just as dung beetles roll theirs. It is now known that the largest and oldest (approximately 9,000 years old) living organism on the planet is not a giant tree but a hidden network of fungus reaching over 9.6 square kilometers. This project seeks to expose these vital detritivores and decomposers to children and adults through a playful, interactive, and architectural form of nature that leaves a lasting impression. Le Cycle will provide a new and unique way to see decomposition and lead to larger explorations and inquisitive engagement in the biological cycle of life. Once the installation season draws to a close the compost balls will continue to decompose and provide a rich ground for further fungal and plant growth leaving sculptural growths through the Forest of Metis.



PLANTING MATERIALS & GROWING MEDIA



MUSHROOMS

- Wine caps
 - Jelly Mushroom
 - Horse mushroom
 - Hen of the woods
 - Chantarelle
- Stropharia rugosoannulata*
 - Guepinia helvelloides*
 - Agaricus arvensis*
 - Grifolia fondosa*
 - Cantharellus cibarius*



PLANTS

- Christmas fern
 - Walking Fern
 - Northern Maidenhair
 - Local moss species
 - Native forest species (aster, foamflower, goldenrod)
- Polystichum acrostichoides*
 - Asplenium rhizophyllum*
 - Adiantum pedantum*

STATIC BALL

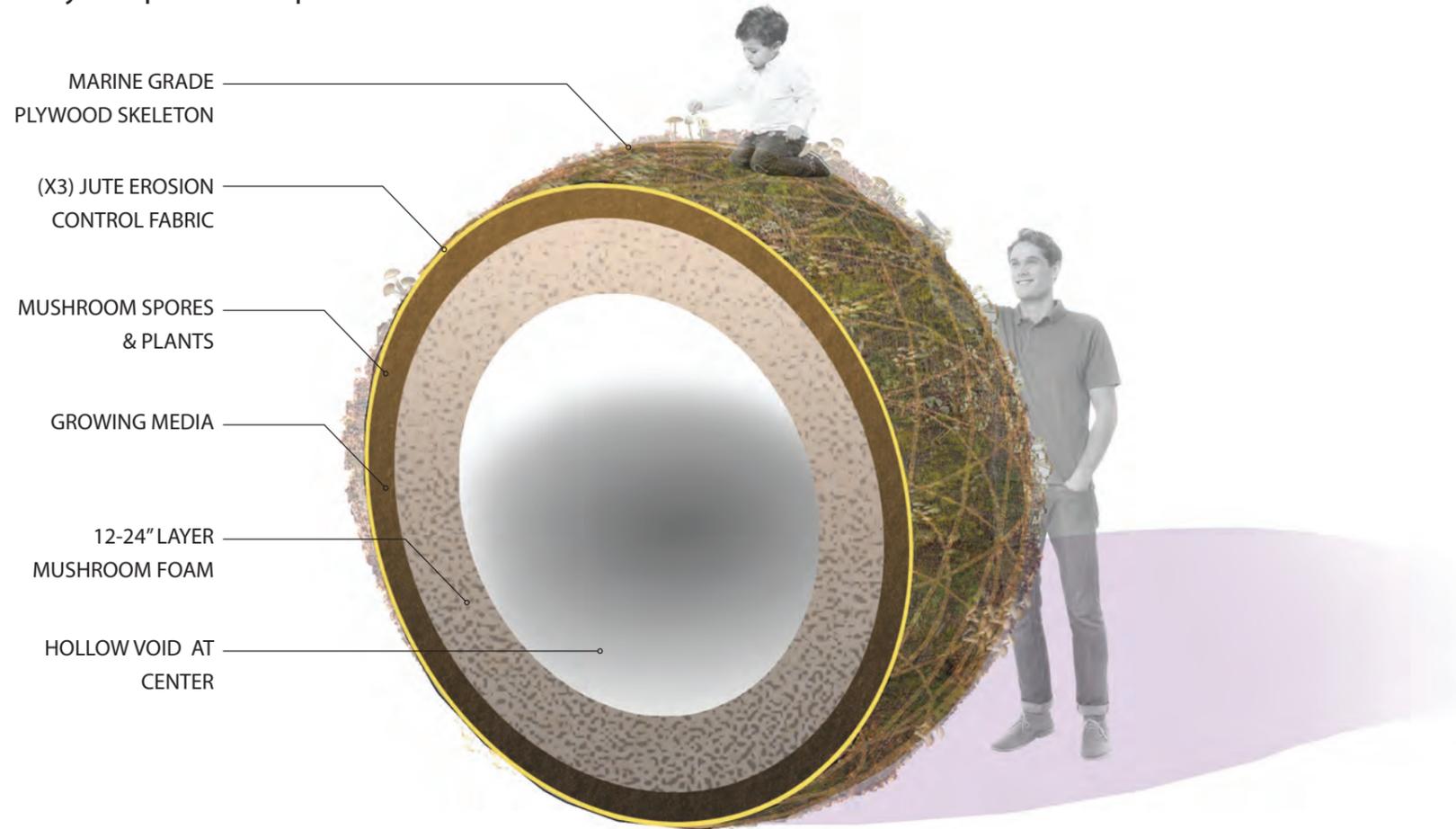
- Iris versicolor rhizomes
- Trillium grandiflorum bulb



GROWING MEDIA

- Light weight soil
- 13 cm Layer of 50/50 mix
- 35% clay, 65% compost blended with local forest mulch, native seeds & planted with bulbs & rhizomes
- mushroom inoculated lightweight soil with equal parts blend of moss, straw, local forest mulch, and manure.

Le Cycle Sphere components



- MARINE GRADE PLYWOOD SKELETON
- (X3) JUTE EROSION CONTROL FABRIC
- MUSHROOM SPORES & PLANTS
- GROWING MEDIA
- 12-24" LAYER MUSHROOM FOAM
- HOLLOW VOID AT CENTER



(X3) JUTE EROSION CONTROL FABRIC



MUSHROOM SPORES & PLANTS



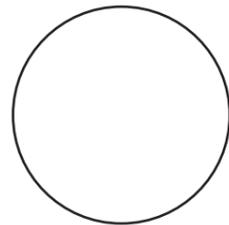
GROWING MEDIA



MARINE GRADE PLYWOOD SKELETON

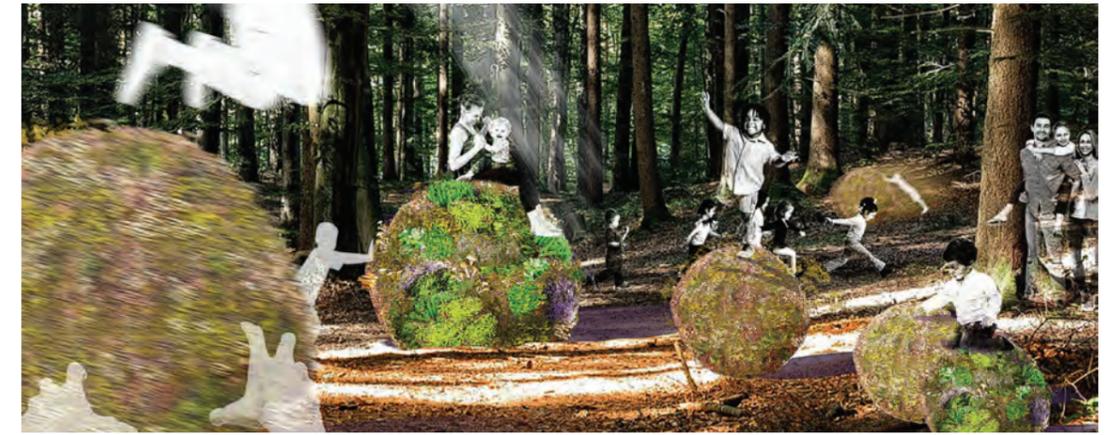


12-24" LAYER MUSHROOM FOAM



HOLLOW VOID AT CENTER

Life Cycle of Sphere



INSTALLATION & SUMMER



SUMMER & AUTUMN



WINTER & OFF SEASON

Le Cycle Sphere Types

CHARLES



species: DUNG BEETLE
 age: 2 YEARS OLD
 length: 3 CM
 ball diameter: 30 CM
 anticipated weight: 15 LBS

PETER

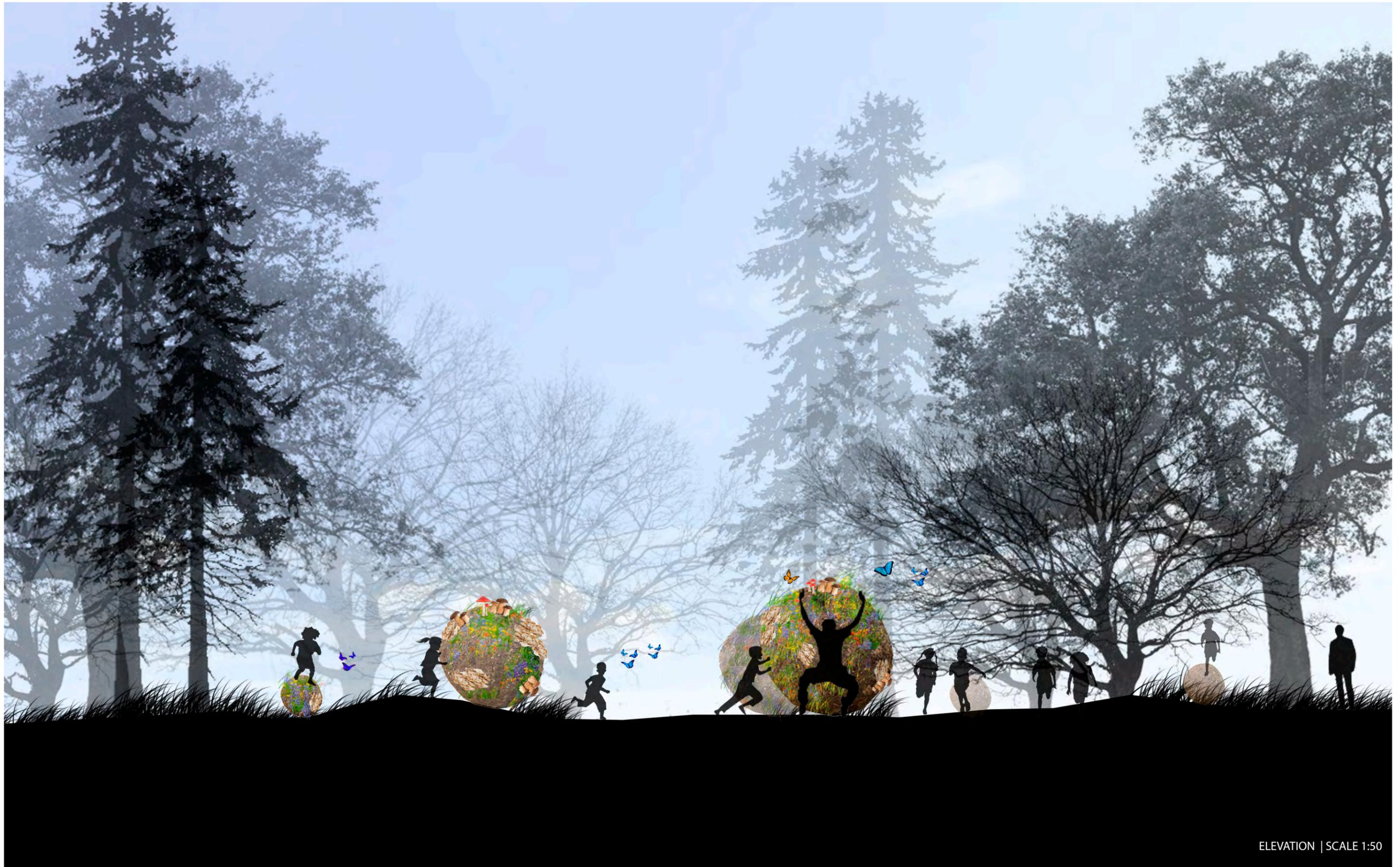


species: YOUNG HUMAN
 age: 5 YEARS OLD
 height: 100 CM
 ball diameter: 120 CM
 anticipated weight: 60 LBS

MARTHA



species: HUMAN
 age: 41 YEARS OLD
 height: 160 CM
 ball diameter: 190 CM
 anticipated weight: 95 LBS



ELEVATION | SCALE 1:50

