

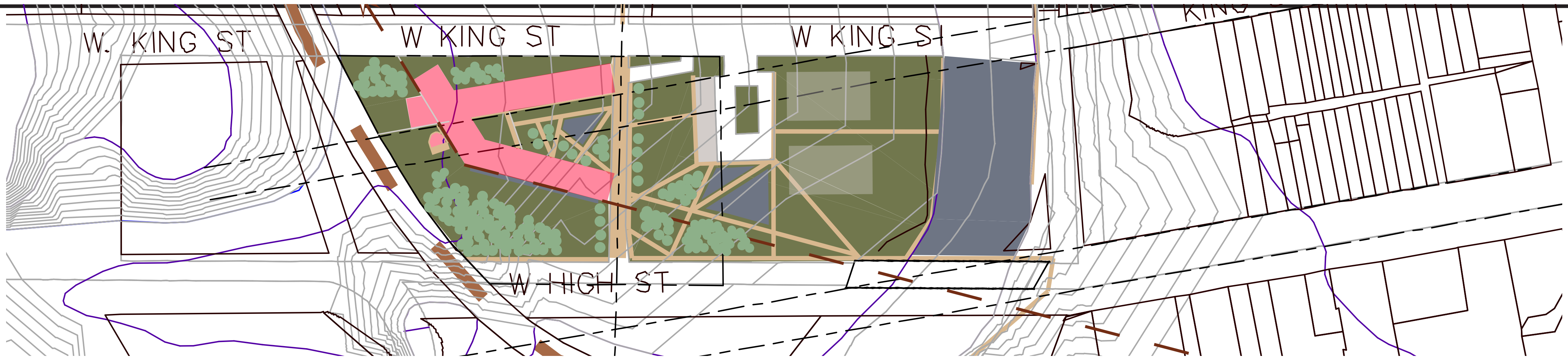
POTTSTOWN AREA CHILDREN'S DISCOVERY CENTER

NARRATIVE

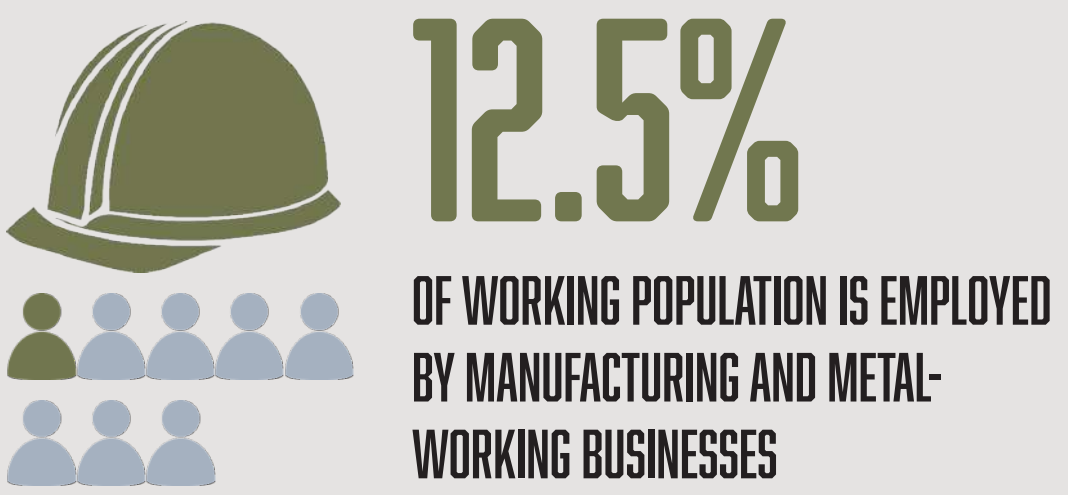
POTTSTOWN—A ROBUST, INDUSTRIAL TOWN FAMED FOR ITS STEEL MANUFACTURING OF THE PAST—NEEDS A DISCOVERY CENTER THAT STRESSES INTERACTIVITY WITH THE ARCHITECTURE ITSELF AND EDUCATIONAL STIMULATION FOR ITS YOUNGER POPULATIONS. WITH AN EMPHASIS ON CATERING TO CHILDREN WITH ASD, IT IS OUR DUTY AS DESIGNERS TO CREATE SPATIAL ZONES, ARCHITECTURAL INSTALLATIONS, AND EDUCATIONALLY-BENEFICIAL EXHIBITS THAT IMPLORES THESE CHILDREN WITH SENSORY DEFICIENCIES TO TOUCH, SEE, AND HEAR THE BUILDING AROUND THEM. WE MUST RESPOND TO AN AUDIENCE WITH A WIDE RANGE OF SOCIAL COMFORTABILITY BY REDUCING THE PHYSICAL SEPARATION BETWEEN PUBLIC EXHIBITION SPACES AND PRIVATE NOOKS FOR SOCIAL REPRIEVE WHILE KEEPING THE CLARITY OF THE TWO SPACES WELL DEFINED WHILE NOT SACRIFICING EFFECTIVENESS.

CAREFUL ATTENTION TO THE SENSORY IMPLICATIONS OF DESIGN CHOICES WITHIN A SPACE—WHICH COLORS OR IMAGERY ARE BENEFICIAL TO UNDERSTANDING, EXPLORING, AND SOCIALIZING AND WHICH HAVE ADVERSE EFFECTS. WHICH LEVELS OF MATERIAL TACTILITY WILL BECKON CHILDREN TO TOUCH, EXPLORE, AND HOPEFULLY, BEGIN TO UNDERSTAND SAID OBJECTS? WHAT ARRANGEMENT OF SPACES WILL PIQUE THE AUTISTIC CHILDREN'S INTEREST AND BE EASILY NAVIGABLE TO A AUDIENCE THAT PREFERS SENSIBLE LAYOUTS.

AS A NOD TO THE INDUSTRIAL PAST AND PRESENT OF THE CITY, WHERE FOUNDRIES FLEX, BEND, AND REFORM MALLEABLE RAW MATERIALS INTO THE DESIRED PRODUCTS, THE TWO WINGS OF THE DISCOVERY CENTER ARE BENT AND REDIRECTED TO CREATE A DIRECT VISUAL SIGHTLINE TO BOTH THE LIMERICK POWER PLANT AND STEEL PRODUCTION COMPLEX IN THE WEST AND THE TRAIN STOPS AND CONCRETE CASTING COMPANY TO THE WEST.



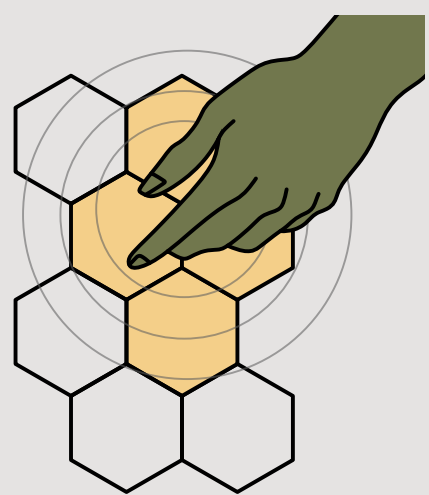
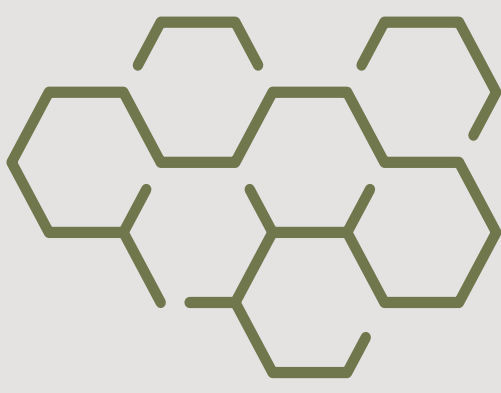
DEMOGRAPHICS



ARCHITECTURE ADAPTED TO AUTISM

STRUCTURE

HOW CAN THE STRUCTURED SPACES GIVE PERSONAL SPACE WHILE MAINTAINING AN EXHIBITION FEEL

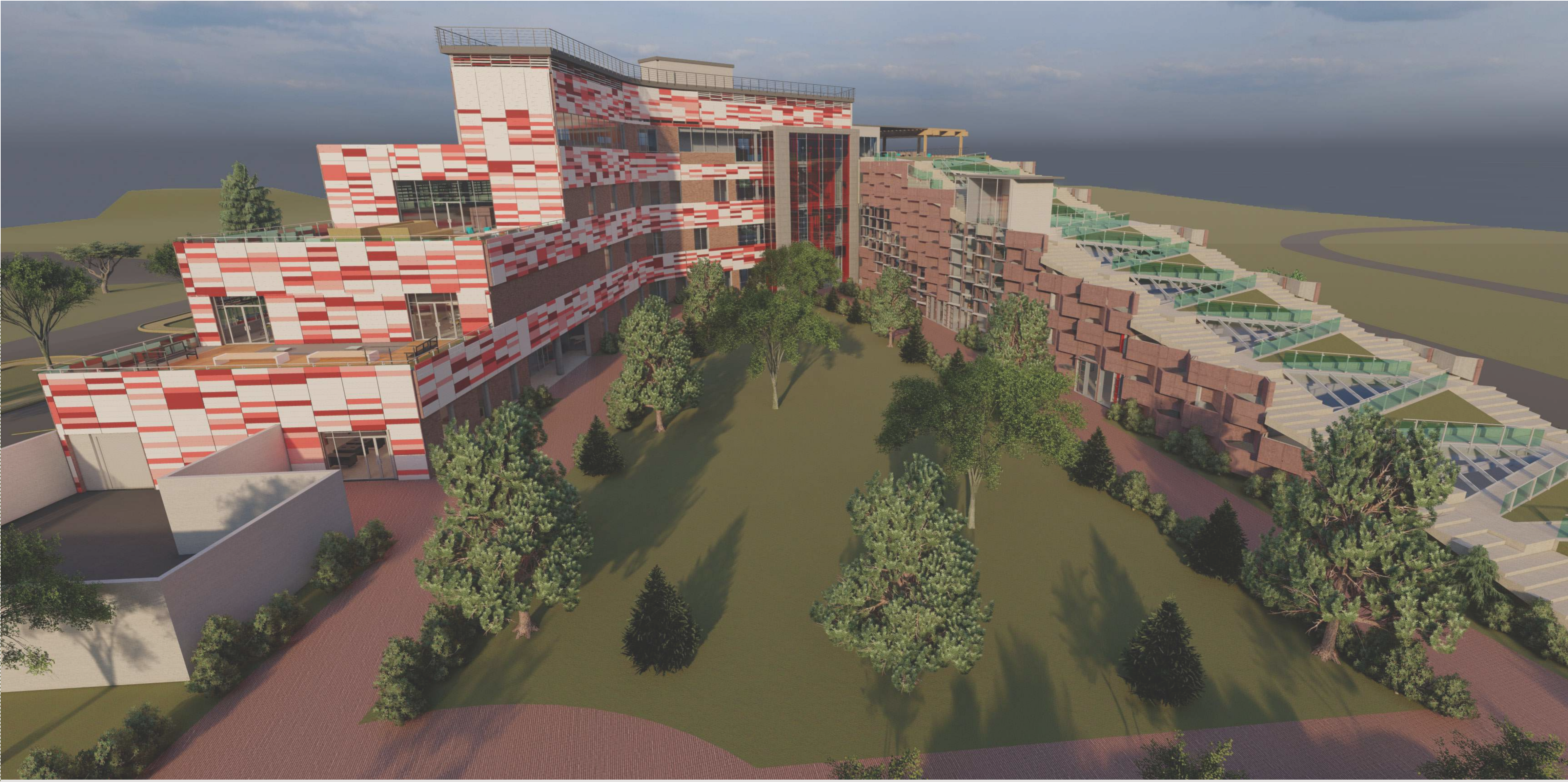


VISUALS

HOW CAN INTERACTIVE IMAGERY AND COLOR ENGAGE SENSORY INTERESTS OF CHILDREN VISITING THE EXHIBITIONS

TEXTURE

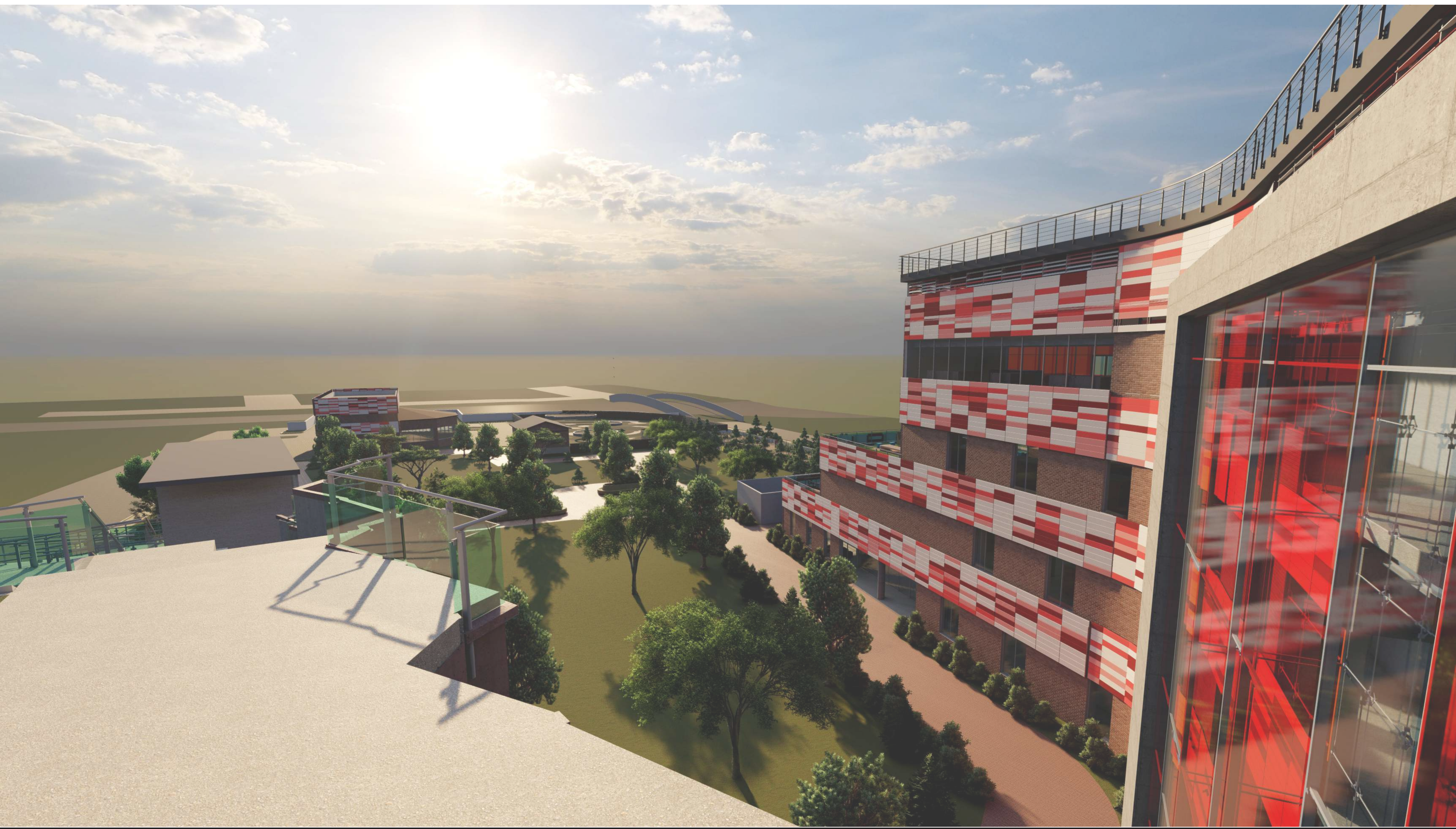
HOW CAN THE FEEL OF THE SPACE INTERACT WITH AND ENGAGE INDIVIDUALS WHILE IN A GROUP SETTING



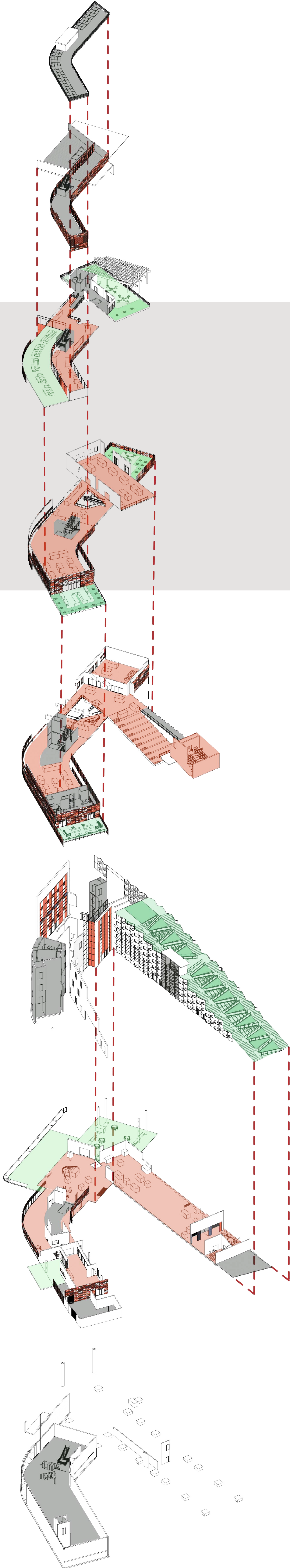
SITE PLAN RENDER

RAINSCREEN RENDER

RAIN GARDEN RENDER



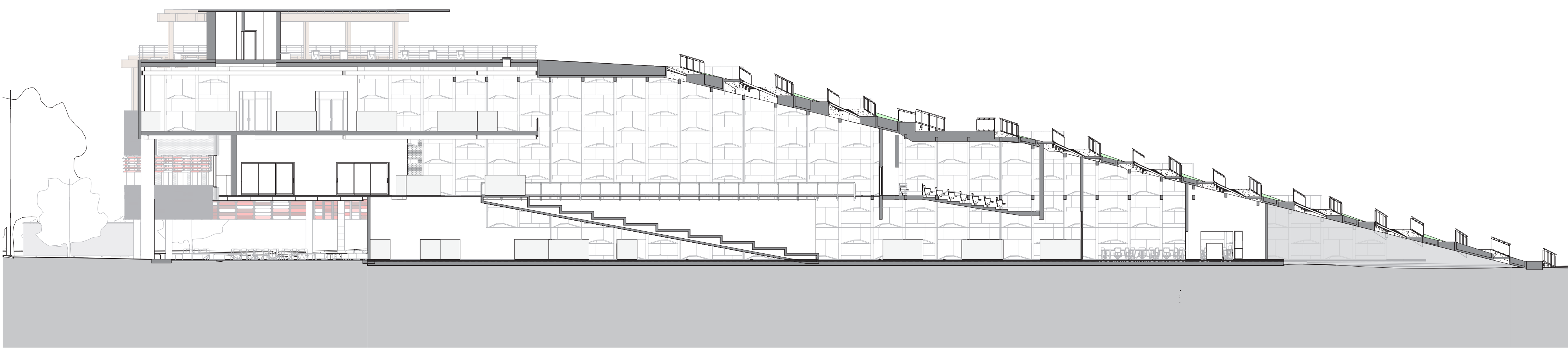
30W KING ST, POTTSTOWN, PA 19464



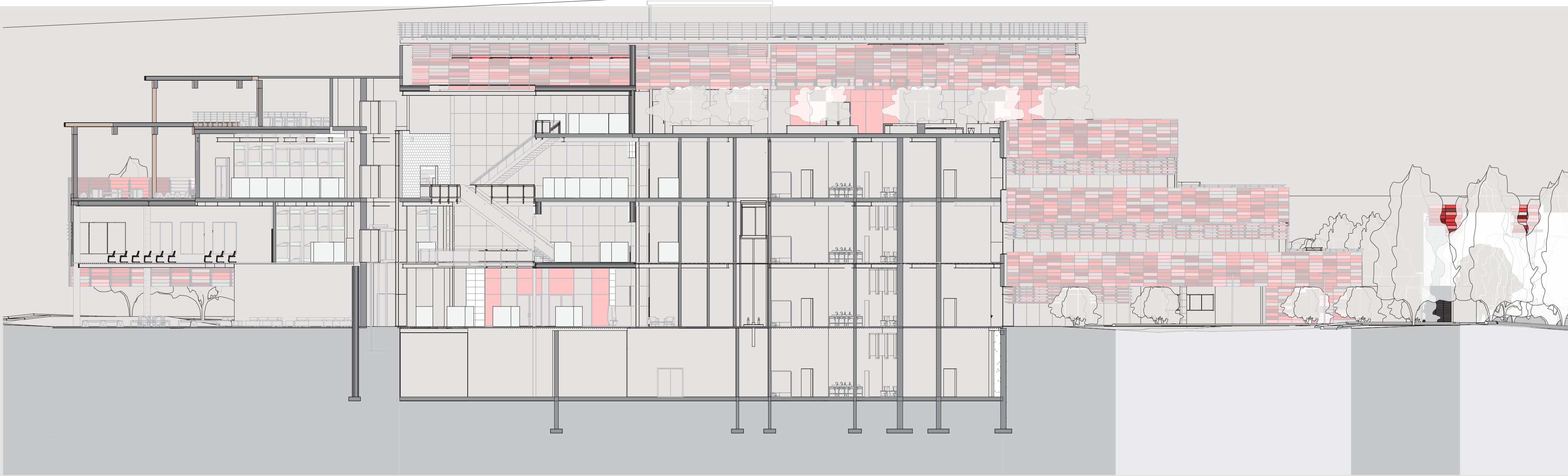
PROGRAMATIC AXON DIAGRAM

- EXHIBITION SPACE & RETAIL
16000 SF
- BLDG. SUPPORT & CIRCULATION
- GREEN SPACE
UNLIMITED

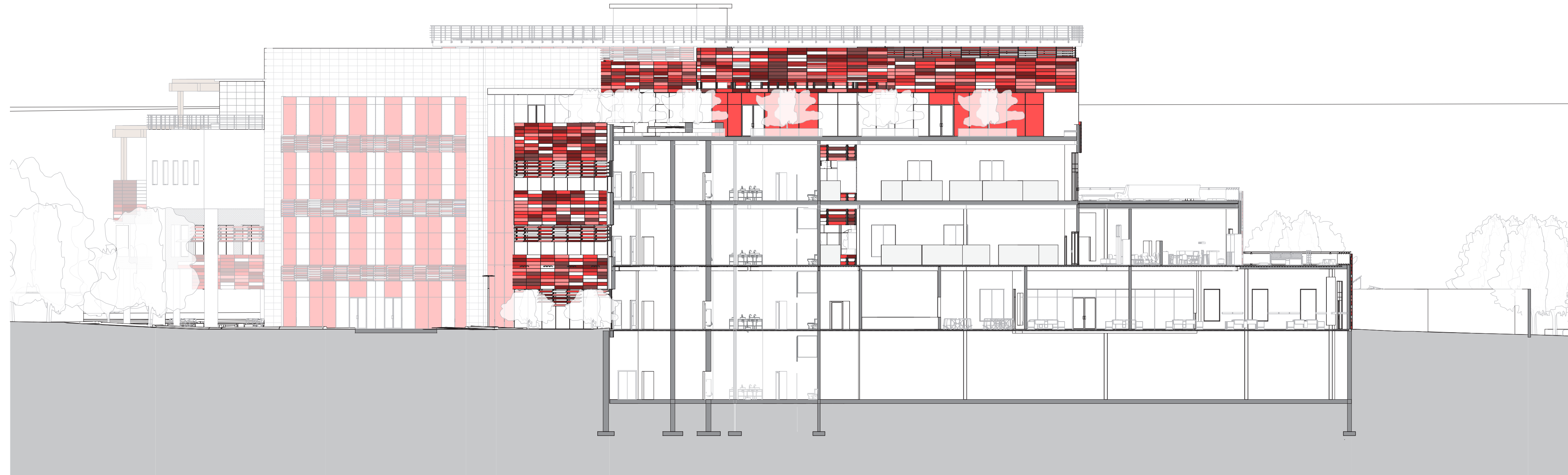
BUILDING PLANS



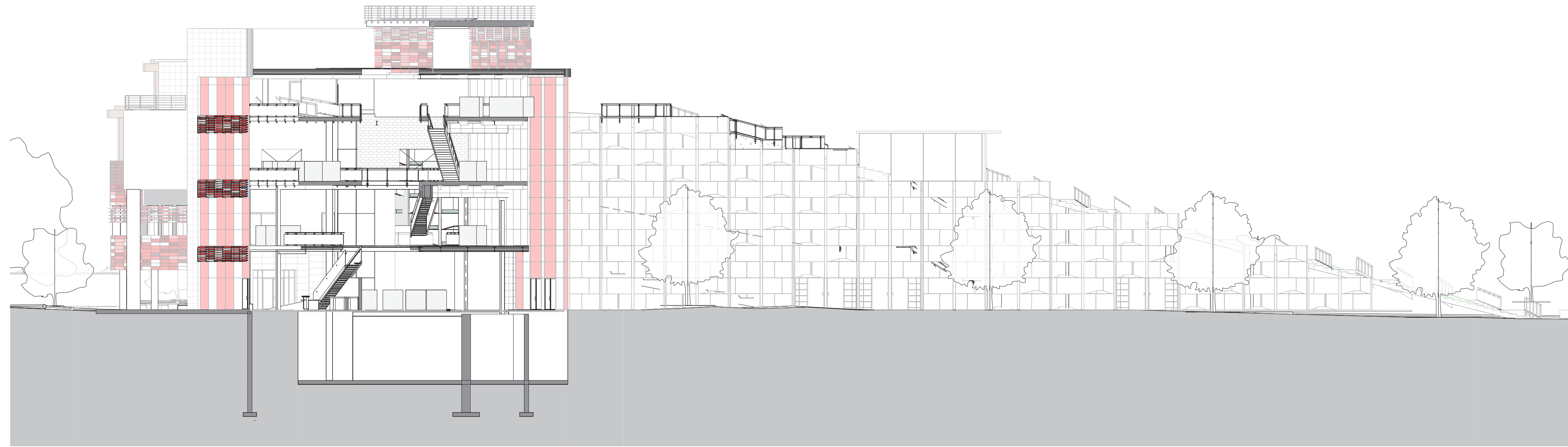
SECTION A-A
SCALE: 1/16" = 1'0"



SECTION B-B
SCALE: 1/16" = 1'0"

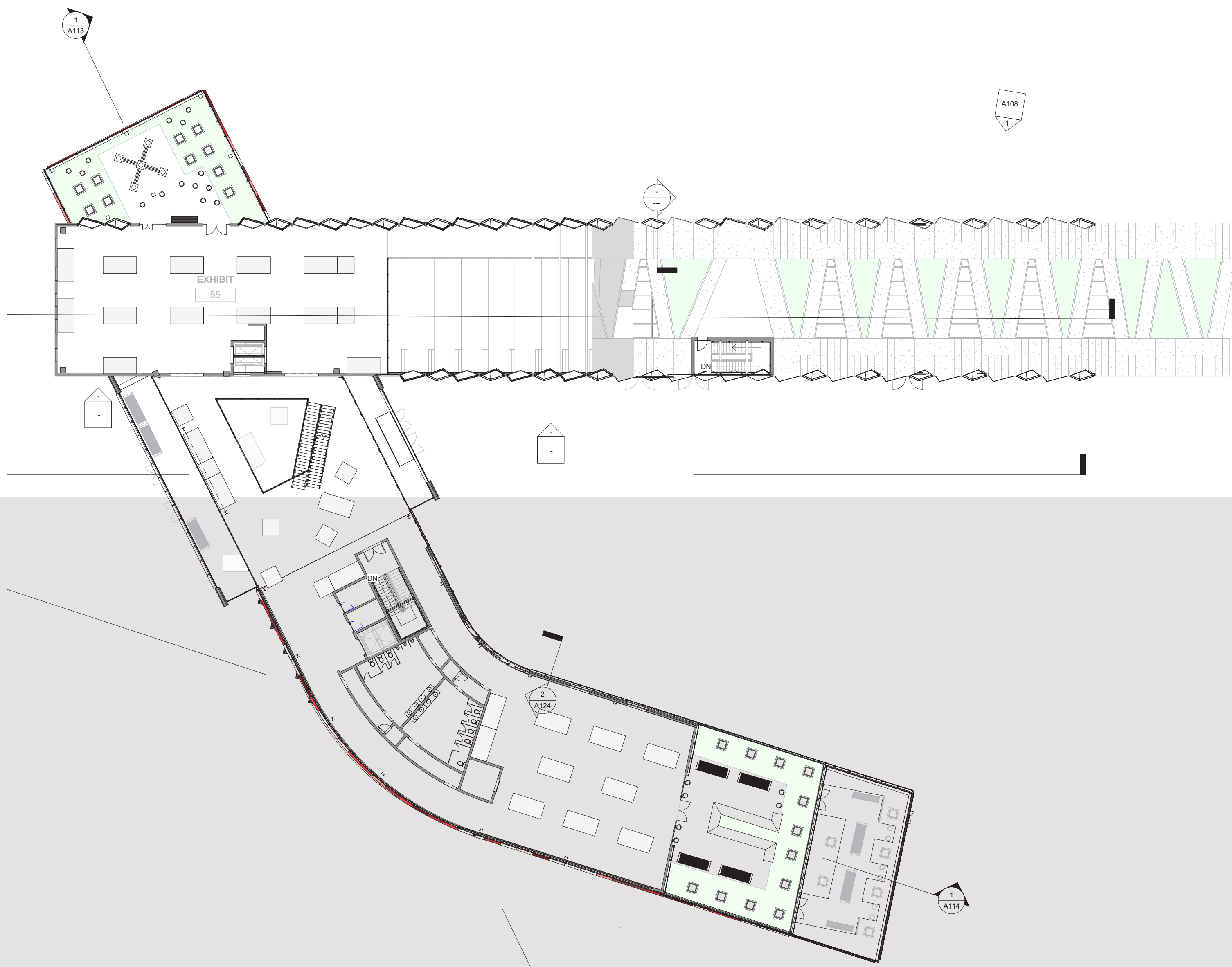


SECTION C-C
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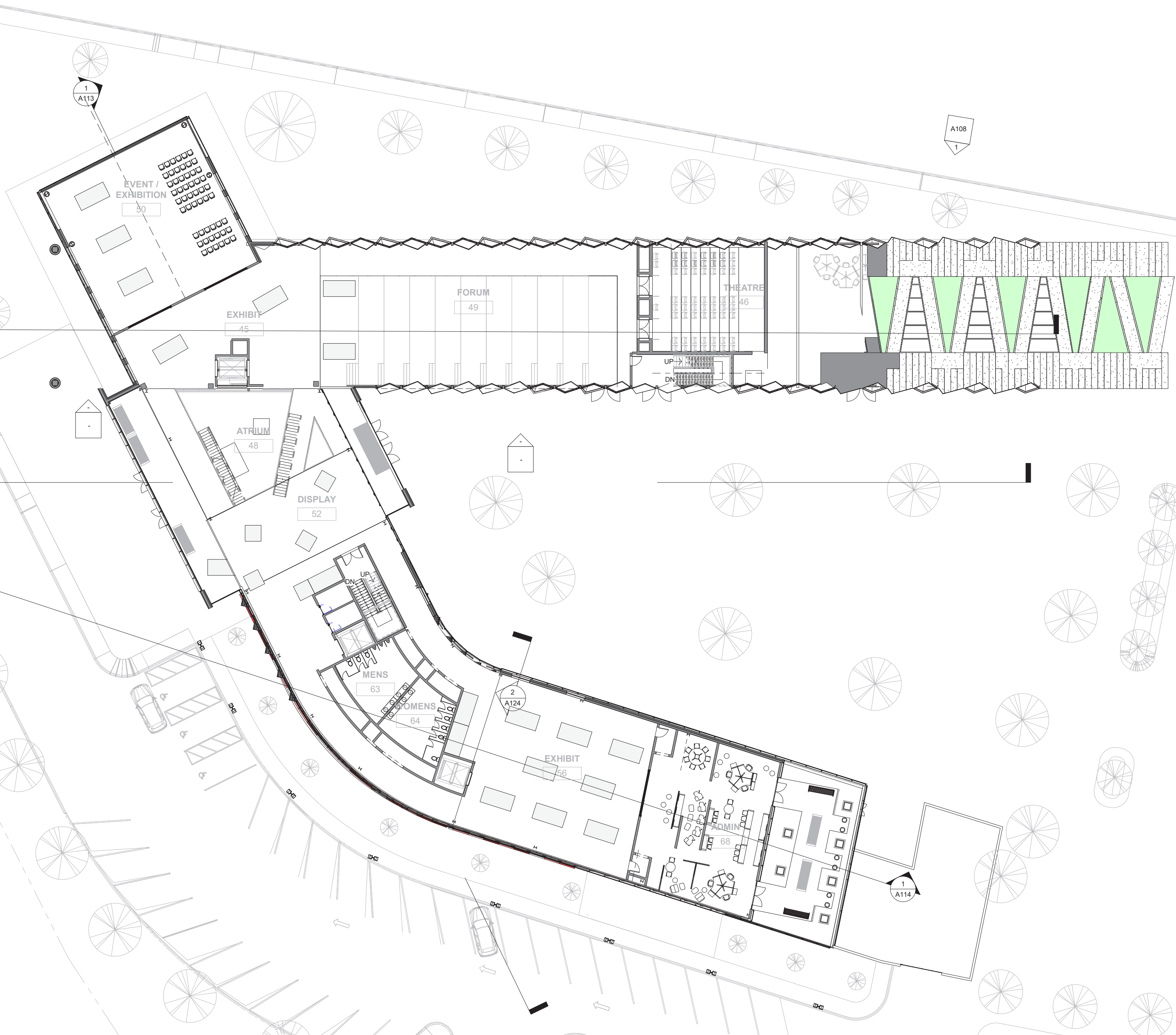


SECTION D-D
SCALE: 1/16" = 1'0"

GROUND PLAN
SCALE: 1/16" = 1'0"



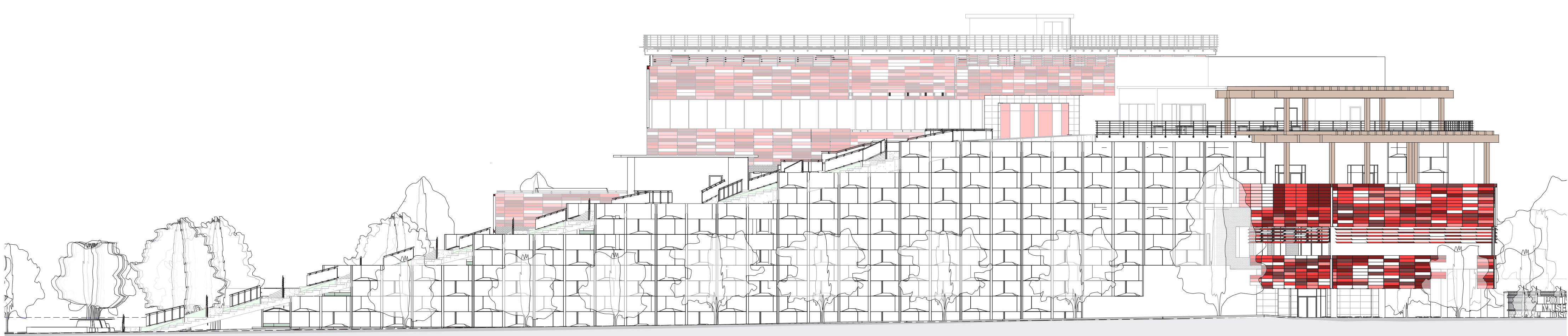
3RD LEVEL
SCALE: 1/16" = 1'0"



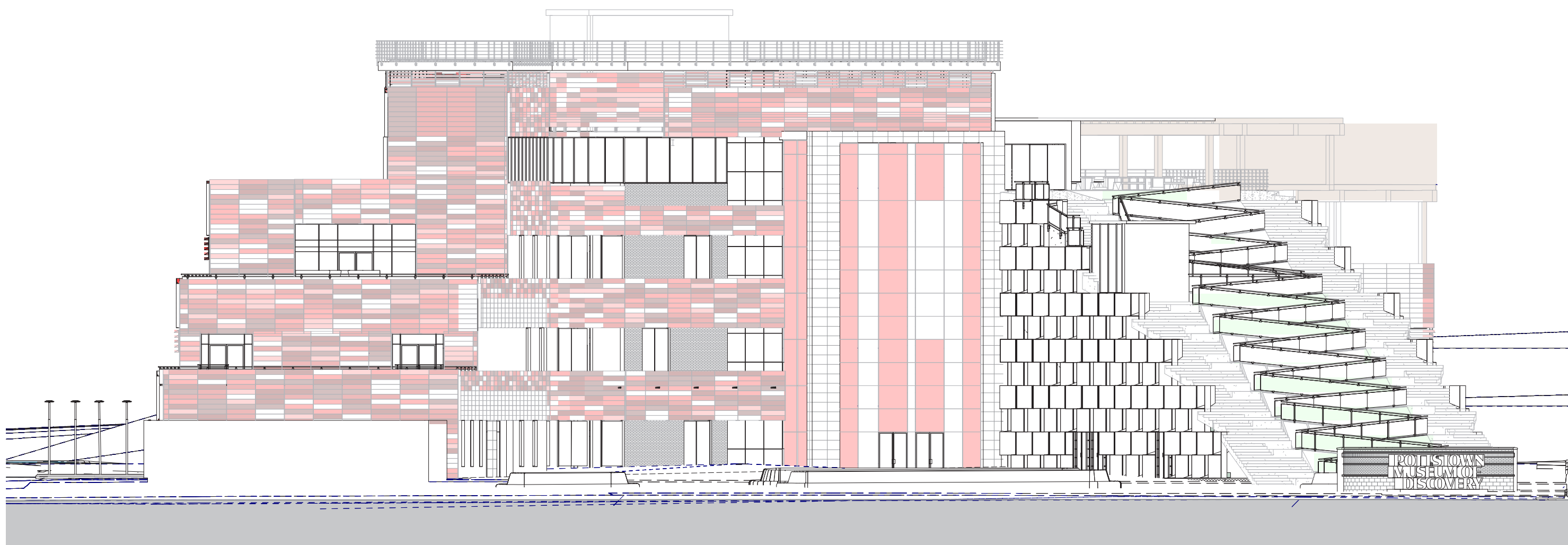
2ND LEVEL
SCALE: 1/16" = 1'0"



BUILDING ELEVATIONS



NORTH ELEVATION
SCALE: 1/16" = 1'0"



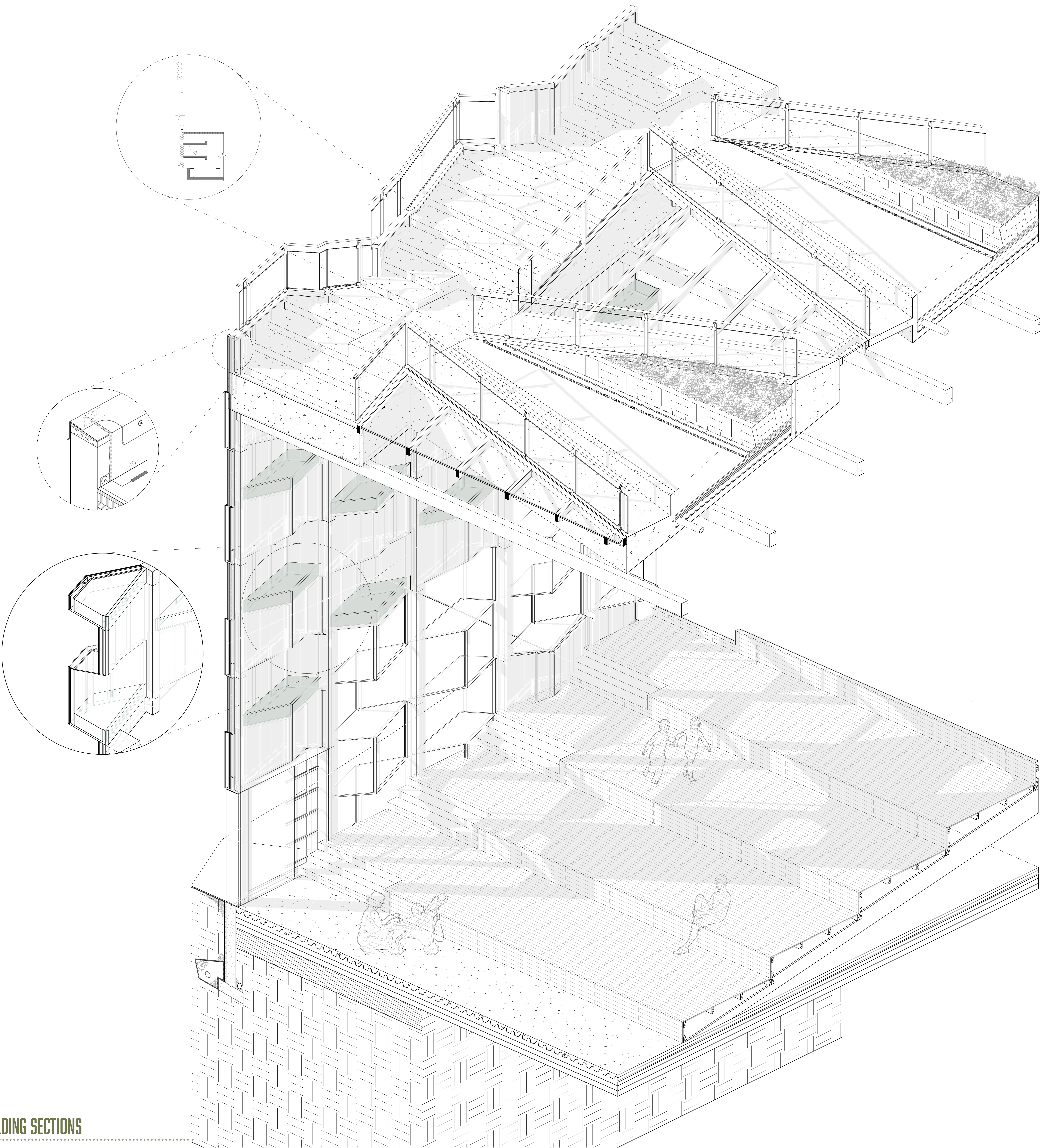
EAST ELEVATION
SCALE: 1/16" = 1'0"



SOUTH ELEVATION
SCALE: 1/16" = 1'0"



WEST ELEVATION
SCALE: 1/16" = 1'0"



BUILDING SECTIONS