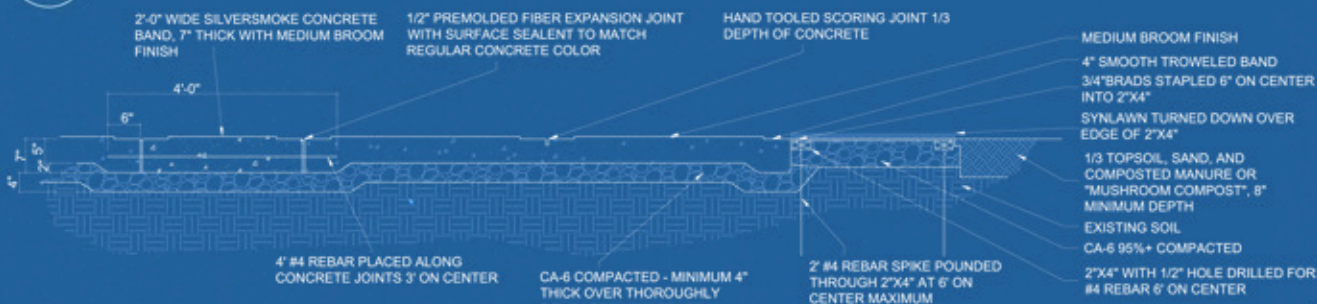
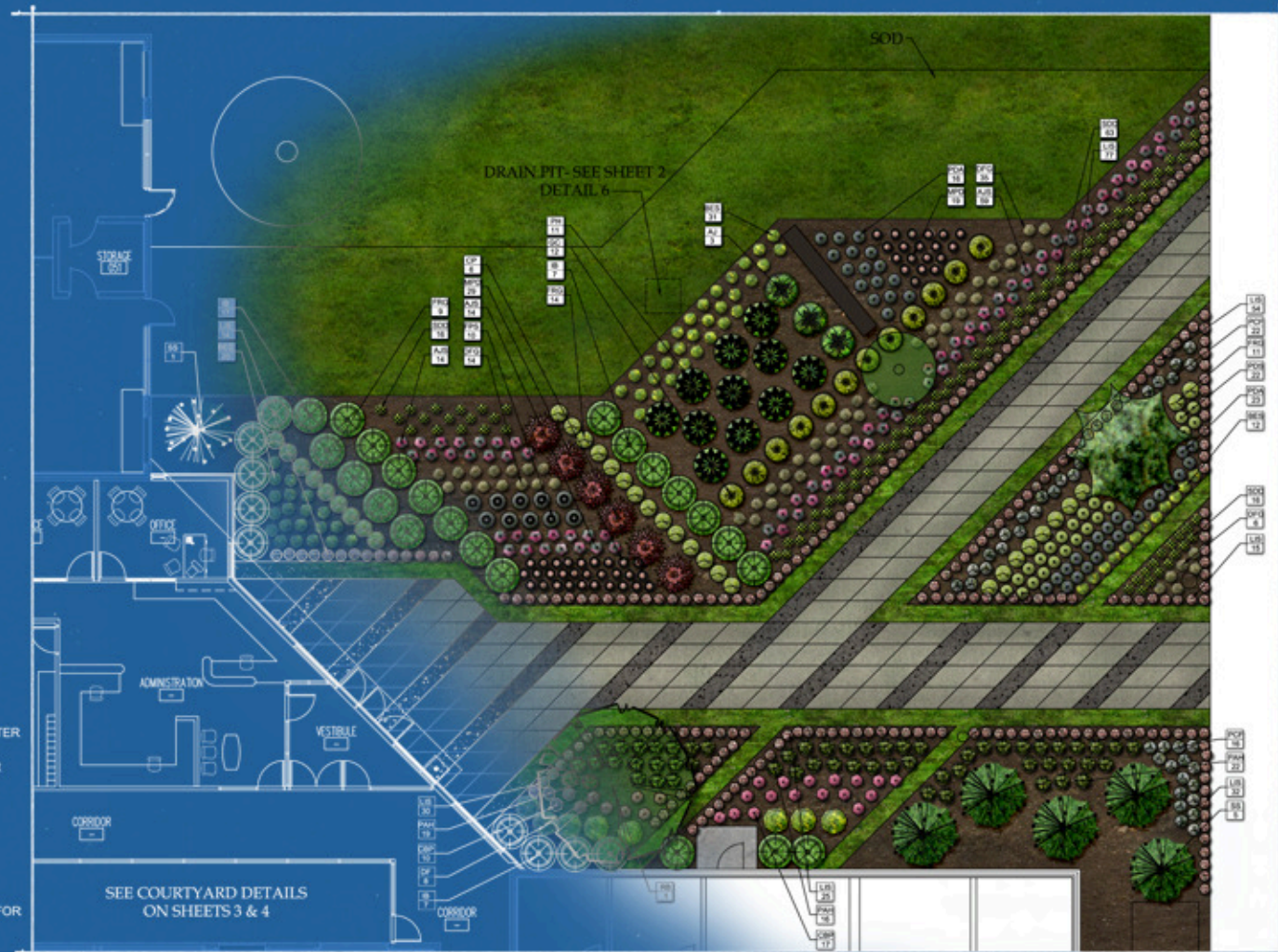


1 SIDEWALK DETAIL PLAN



2 SIDEWALK AND SYNLAWN DETAIL



3 ENTRY PLAN



4 INSTALLED PHOTOGRAPH



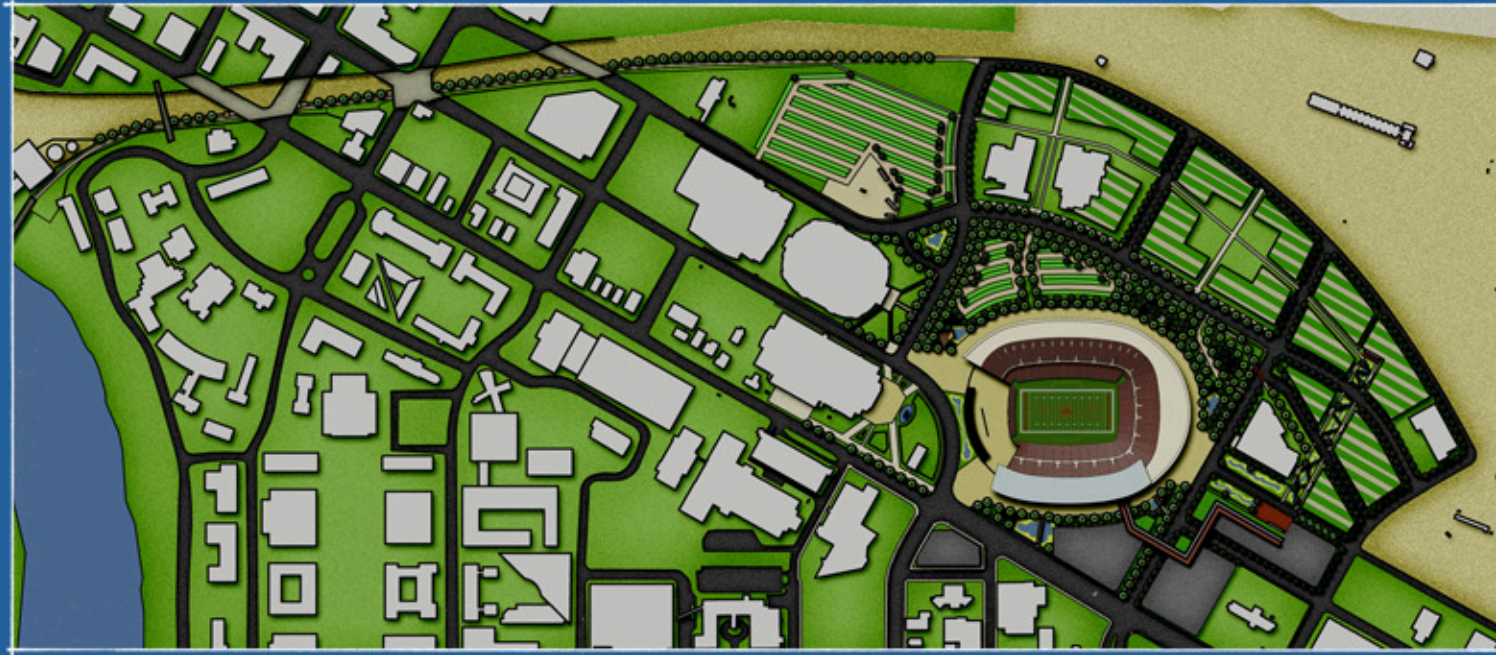
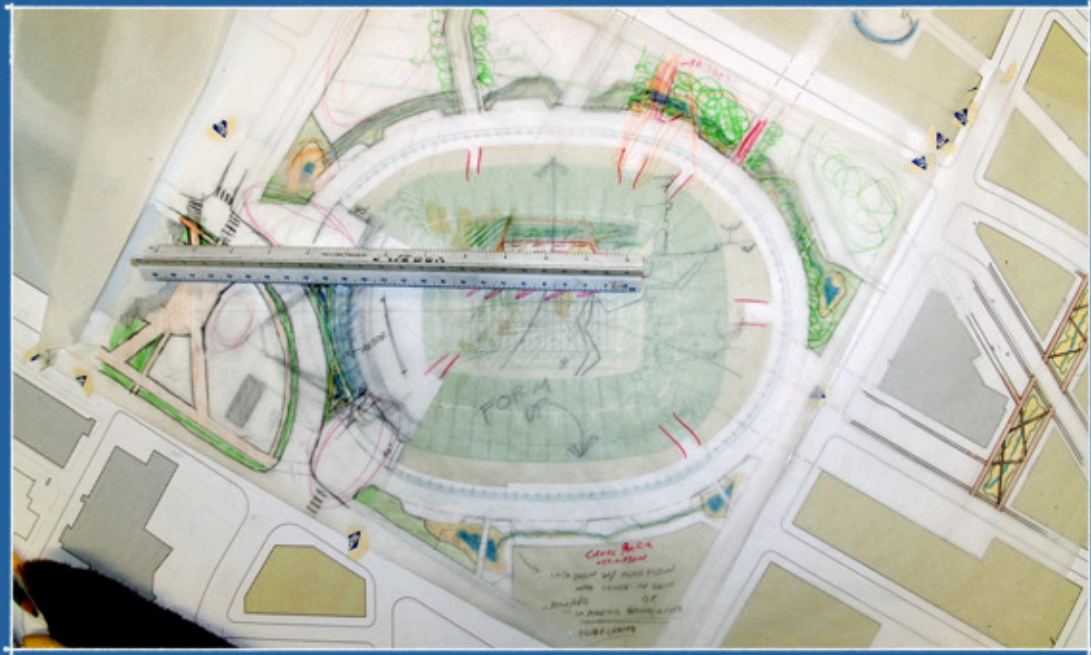
5 INSTALLED PHOTOGRAPH

NOTES:

HAWTHORN ELEMENTARY NORTH WAS BUILDING AN ADDITION TO HOUSE ADMINISTRATIVE OFFICES, AND HIRED 3D DESIGN STUDIO TO DESIGN THE NEW ENTRY AND A SMALL INTERIOR COURTYARD. I STARTED WORKING ON THE PROJECT AT THE END OF THE CONCEPTUAL DESIGN STAGE FOR THE MAIN ENTRY, AND AT THE START OF THE CONCEPTUAL DESIGN FOR THE COURTYARD.

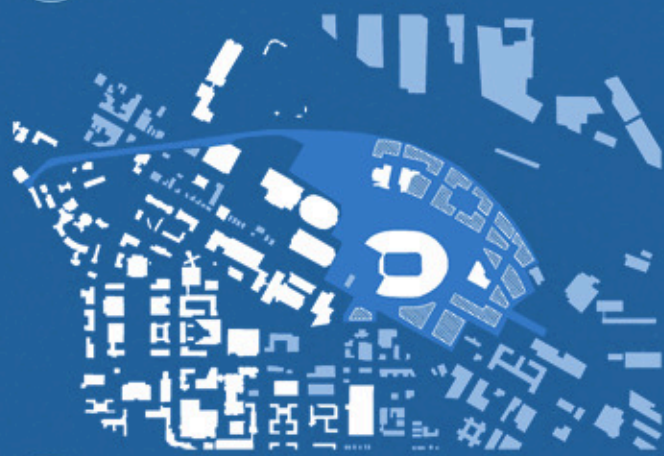
ALONG WITH CREATING RENDERINGS OF ALTERNATIVES TO PRESENT TO THE CLIENTS, I HELPED CREATE THE PLANTING DESIGN, AND DESIGNED A DISPLAY WALL TO SHOW STUDENT WORK IN THE COURTYARD. AFTER THE DESIGN WAS APPROVED I CREATED THE CONSTRUCTION DOCUMENTS. I THEN ACTED AS THE PROJECT MANAGER, COORDINATING INSTALLATION ISSUES WITH THE PROJECT ARCHITECT, MEETING WITH THE CLIENT FOR DESIGN CHANGES AND APPROVALS, AND LED THE CONSTRUCTION OBSERVATION.

MAIN ENTRY DESIGN  
HAWTHORN ELEMENTARY, VERNON HILLS, IL

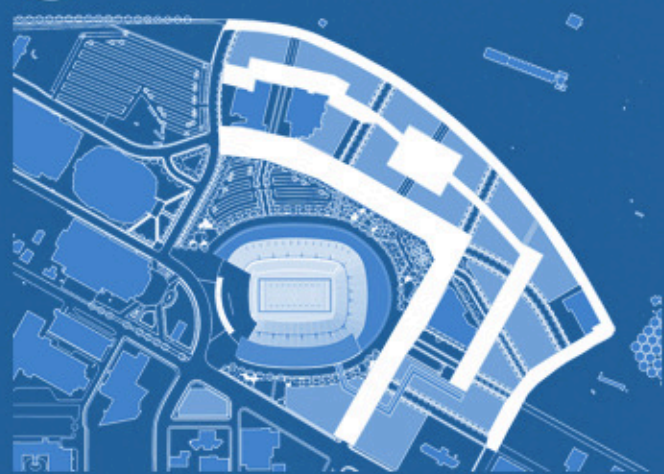


1 CONCEPTUAL DESIGN

2 RENDERED MALL PLAN



3 FIGURE GROUND



4 CAMPUS RINGS



5 CAMPUS PERSPECTIVE RENDERING

NOTES:

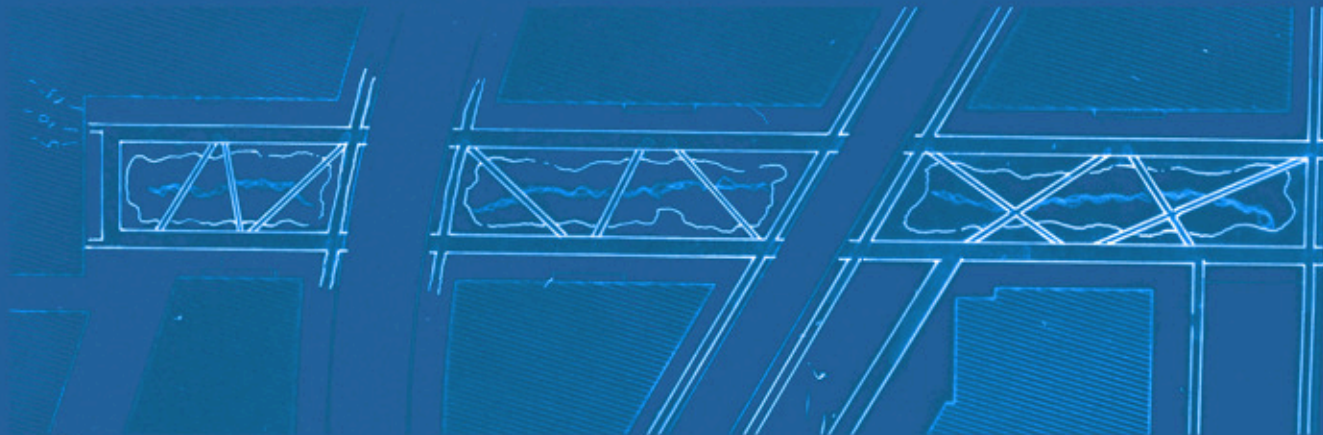
THE UNIVERSITY OF MINNESOTA IS CREATING AN 80 ACRE CAMPUS EXPANSION AS PART OF THE TFC BANK STADIUM PROJECT. WHILE THE STADIUM WAS FINISHED LAST YEAR, LITTLE OF THE WORK FOR THE REST OF THE CAMPUS, OTHER THAN THE ROAD LAYOUT, HAS BEEN COMPLETED.

MY PROJECT USES THIS ROAD LAYOUT TO CREATE A NEW HEART FOR THE UNIVERSITY, CENTERED AROUND SUSTAINABILITY AND TECHNOLOGY. THE BUILDINGS ARE SIZED SIMILARLY TO EXISTING CAMPUS BUILDINGS, AND CREATE A TRANSITION BETWEEN THE RESIDENTIAL AREA TO THE WEST, AND THE INDUSTRIAL AREA TO THE NORTH. THE CAMPUS IS ARRANGED AROUND THREE MAIN TRANSPORTATION RINGS, AND ALONG WITH RAINWATER INFILTRATION, FEATURES A SERIES OF HYBRID SOLAR-GREEN ROOFS AND A GREENWAY LEADING TO THE MISSISSIPPI RIVER VALLEY.

CAMPUS EXPANSION  
UNIVERSITY OF MINNESOTA, MINNEAPOLIS, MN



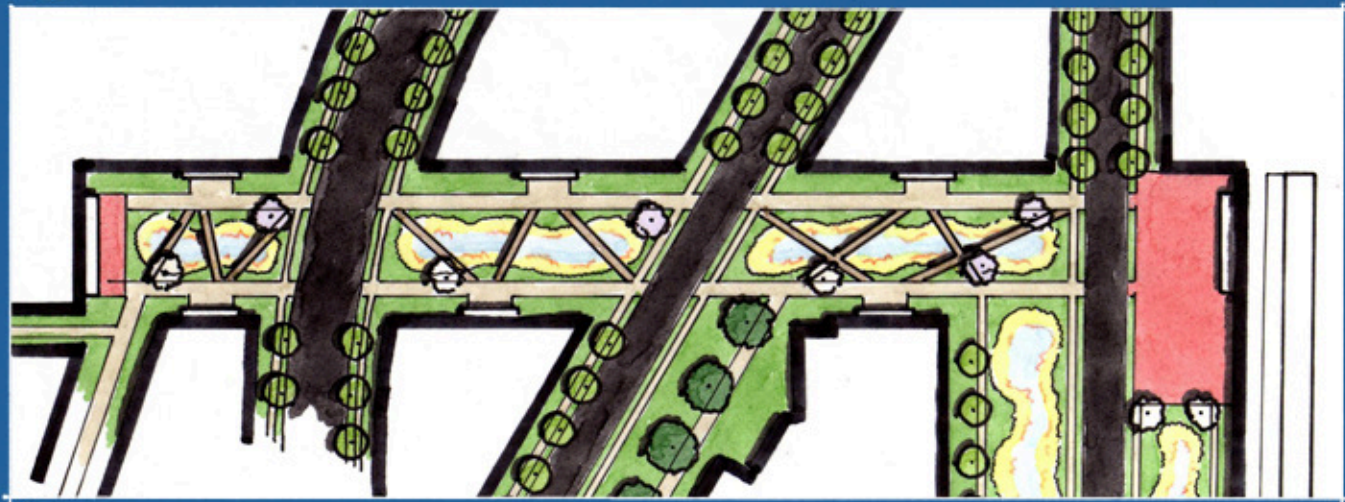
GREEN CAMPUS MALL  
UNIVERSITY OF MINNESOTA, MINNEAPOLIS, MN



1 CONCEPTUAL DESIGN  
4



4 RENDERED PERSPECTIVE  
4

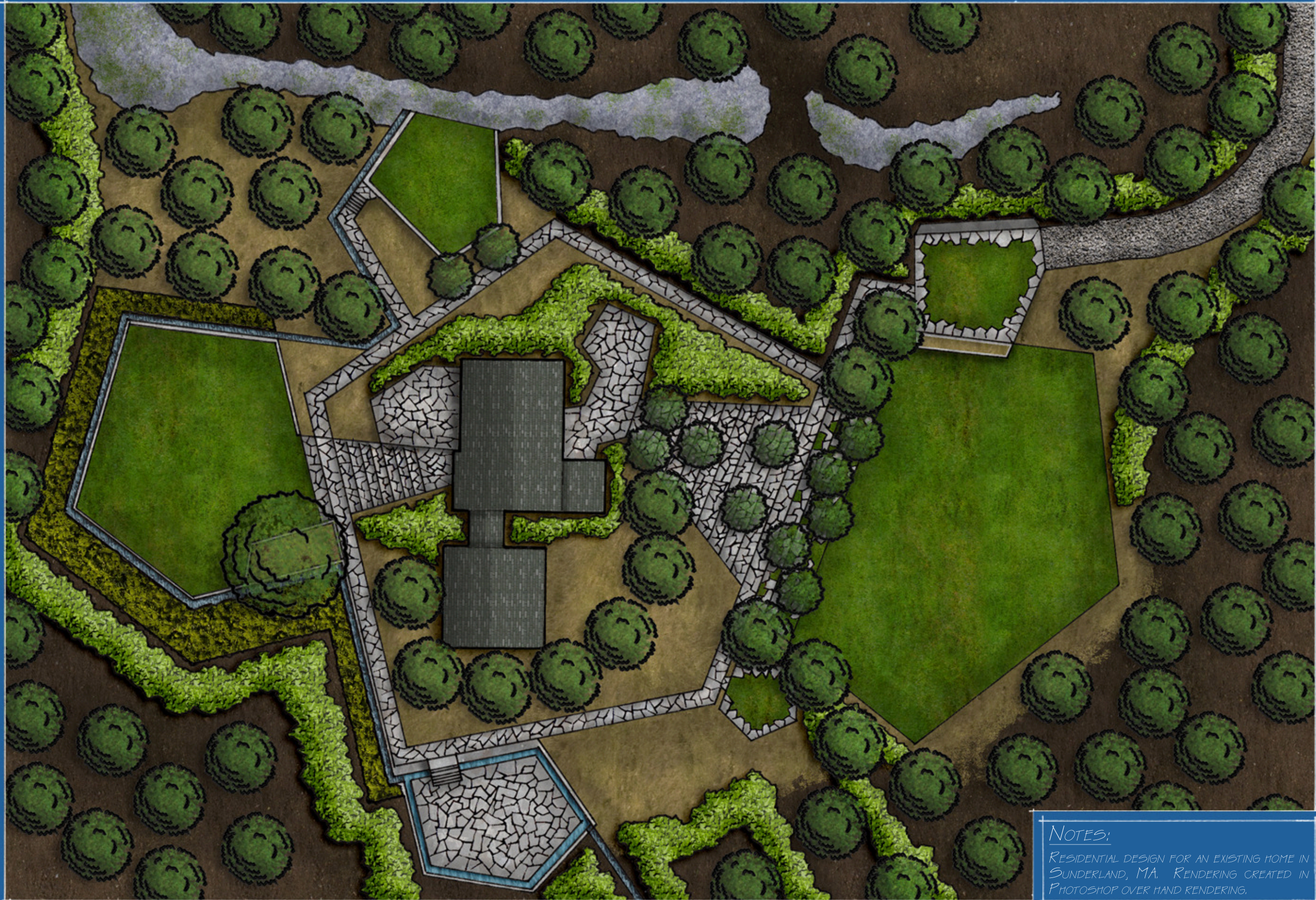


2 RENDERED MALL PLAN  
4



3 SECTION ACROSS MALL  
4

NOTES:  
AS PART OF THE UNIVERSITY OF MINNESOTA CAMPUS EXPANSION AROUND THE NEW FOOTBALL STADIUM, I CREATED A CONTEMPORARY CAMPUS MALL. THIS WILL BE A COUNTERPOINT TO NORTHROP MALL, THE CLASSIC CAMPUS MALL ON THE EAST BANK CAMPUS, BASED ON THE DESIGN BY CASS GILBERT.  
  
WHERE NORTHROP MALL IS A FORMAL LAWN WITH CANOPY TREES, THE NEW CAMPUS MALL IS MORE ORNAMENTAL AND A SHOWPIECE OF SUSTAINABILITY. WITH A TRADITIONAL LAWN AT THE EDGES, THE CORE IS AN ENGINEERED WETLAND. THE WETLAND CLEANS AND INFILTRATES MOST STORMWATER FROM THE ADJACENT BUILDINGS, WHILE OVERFLOW PASSES INTO AN INFILTRATION WETLAND AROUND THE STADIUM. THE WETLANDS USE NATIVE PLANTS THAT DOUBLE AS COMMONLY USED LOCAL ORNAMENTALS.



**NOTES:**  
RESIDENTIAL DESIGN FOR AN EXISTING HOME IN  
SUNDERLAND, MA. RENDERING CREATED IN  
PHOTOSHOP OVER HAND RENDERING.

*PHOTOSHOP RENDERING*  
*RESIDENTIAL DESIGN, SUNDERLAND, MA*