

UCR

University of California, Riverside
Riverside, California

DPP

Materials Science and Engineering
Appendix IV – Presentation Material

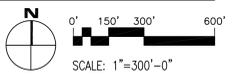
May 30, 2003

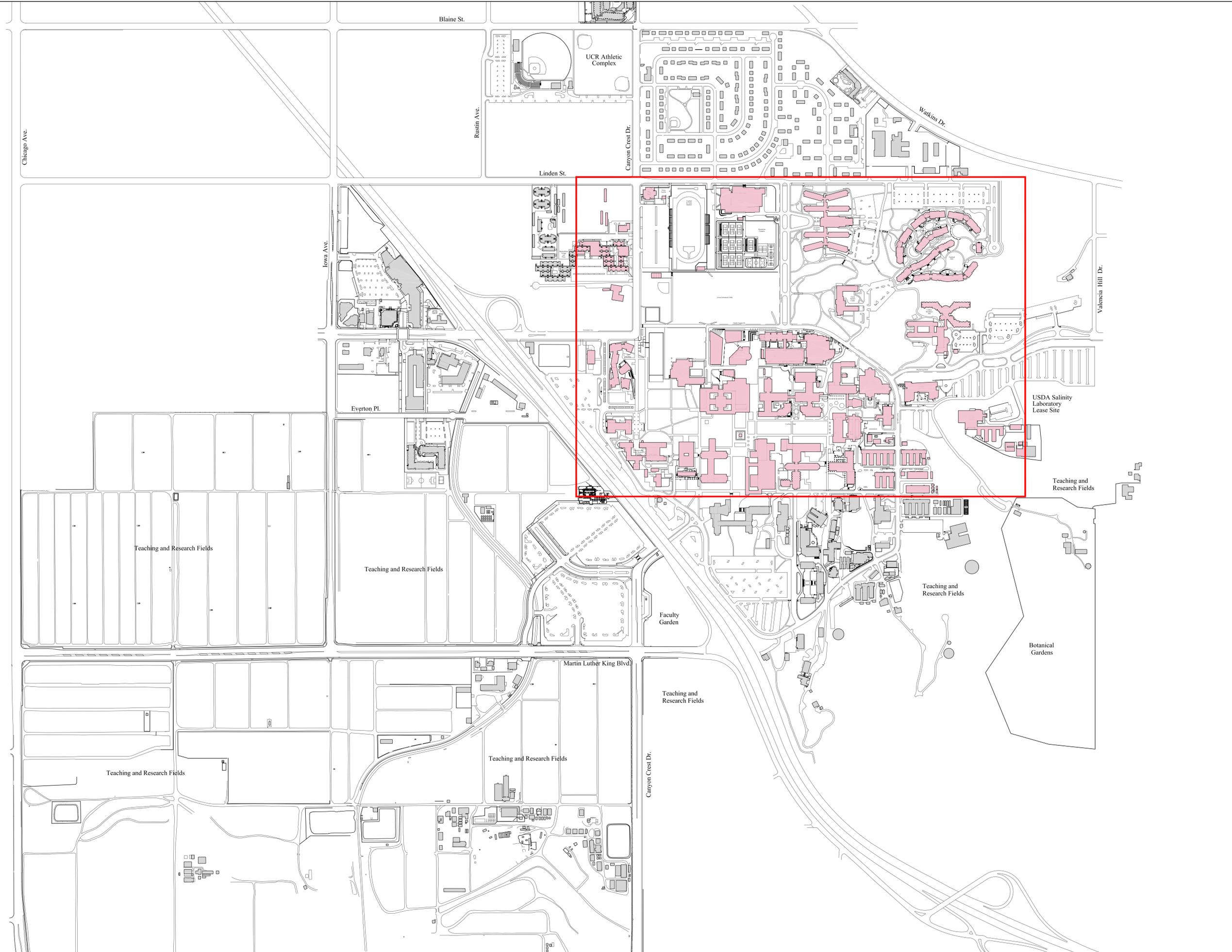
HGA / KMW



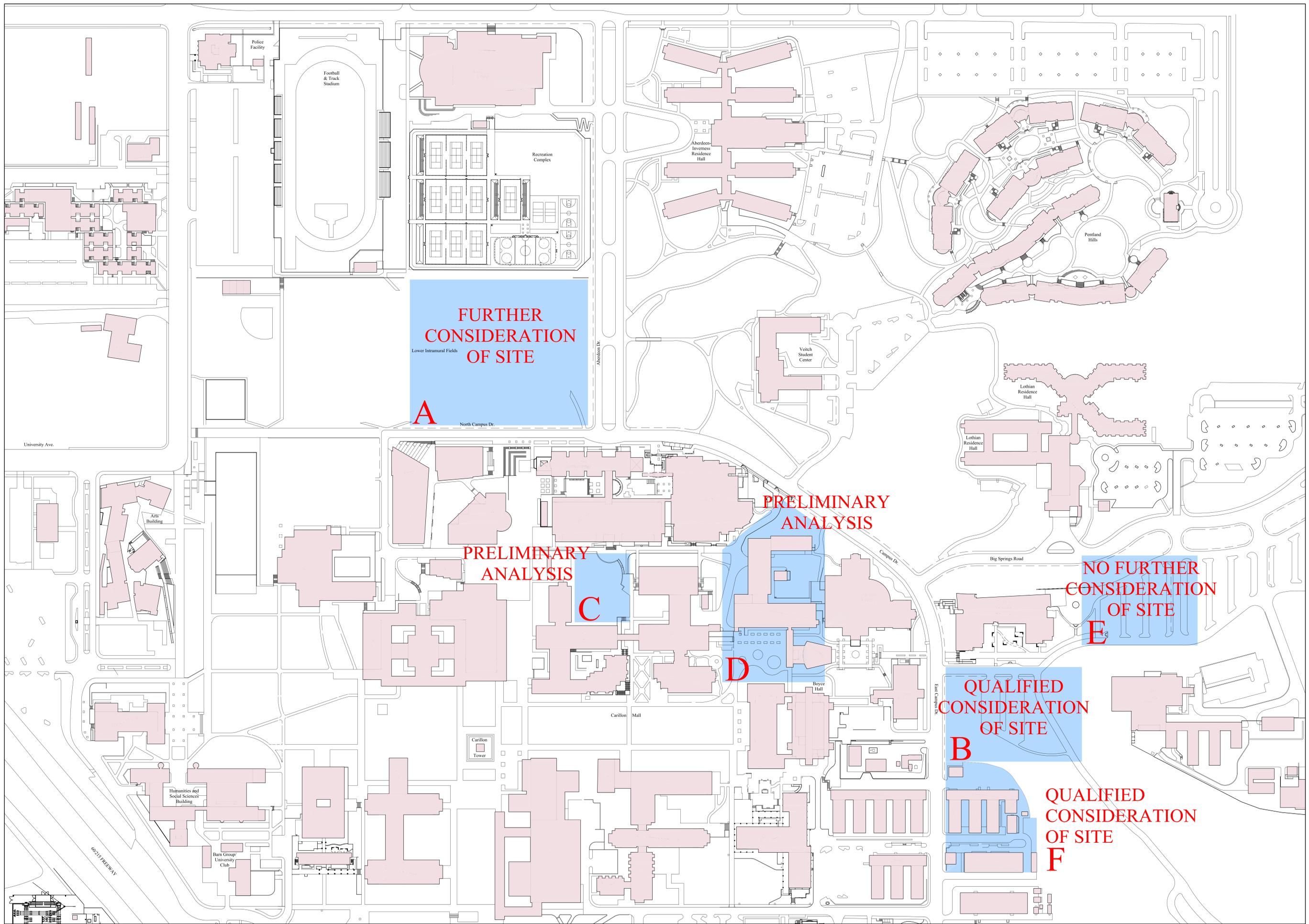
SITE AERIAL PHOTOGRAPH

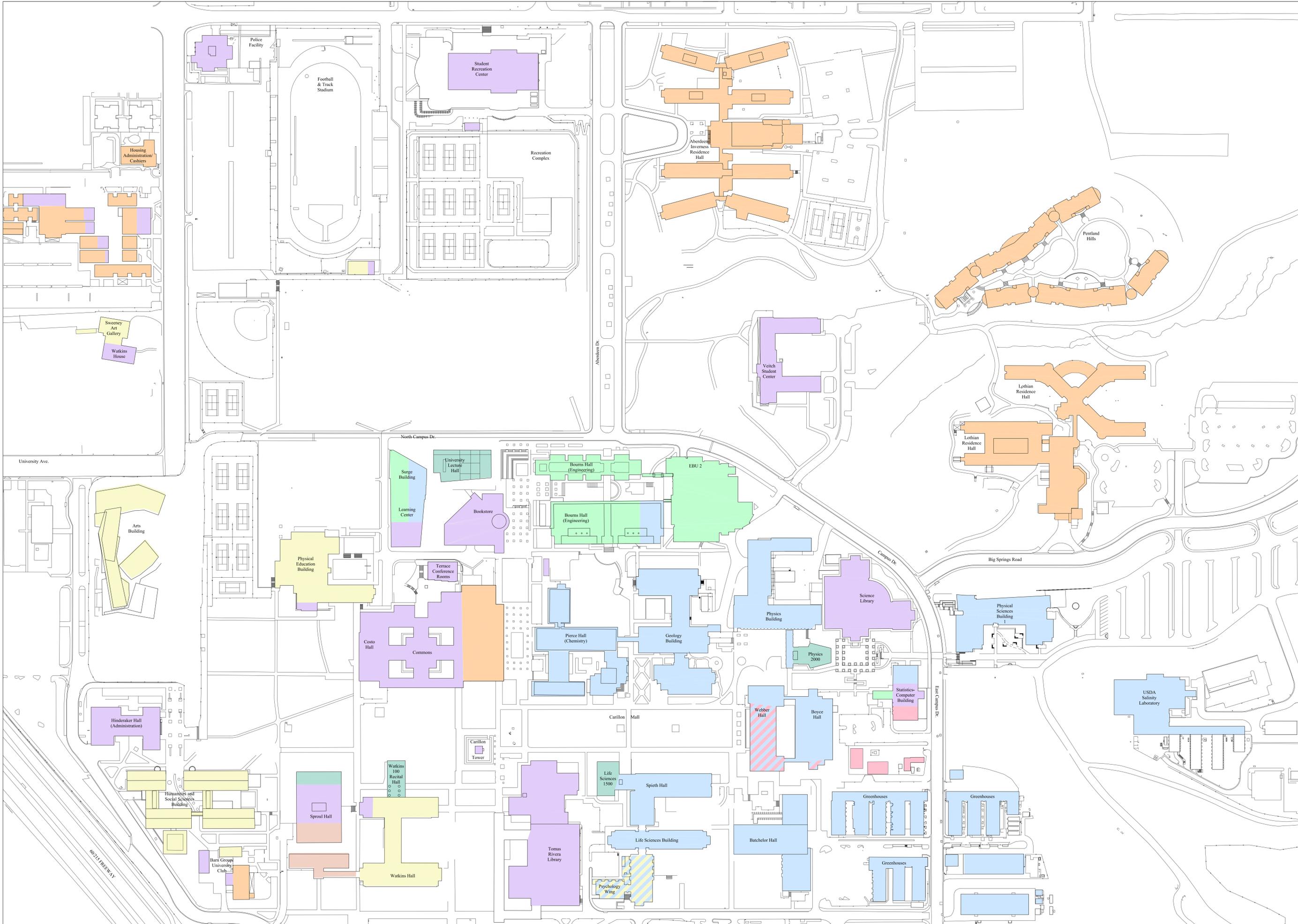
University of California, Riverside - Materials Science and Engineering Building
KMW / HGA / RFD





University of California, Riverside - Materials Science and Engineering Building
 KMW / HGA / RFD



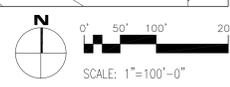


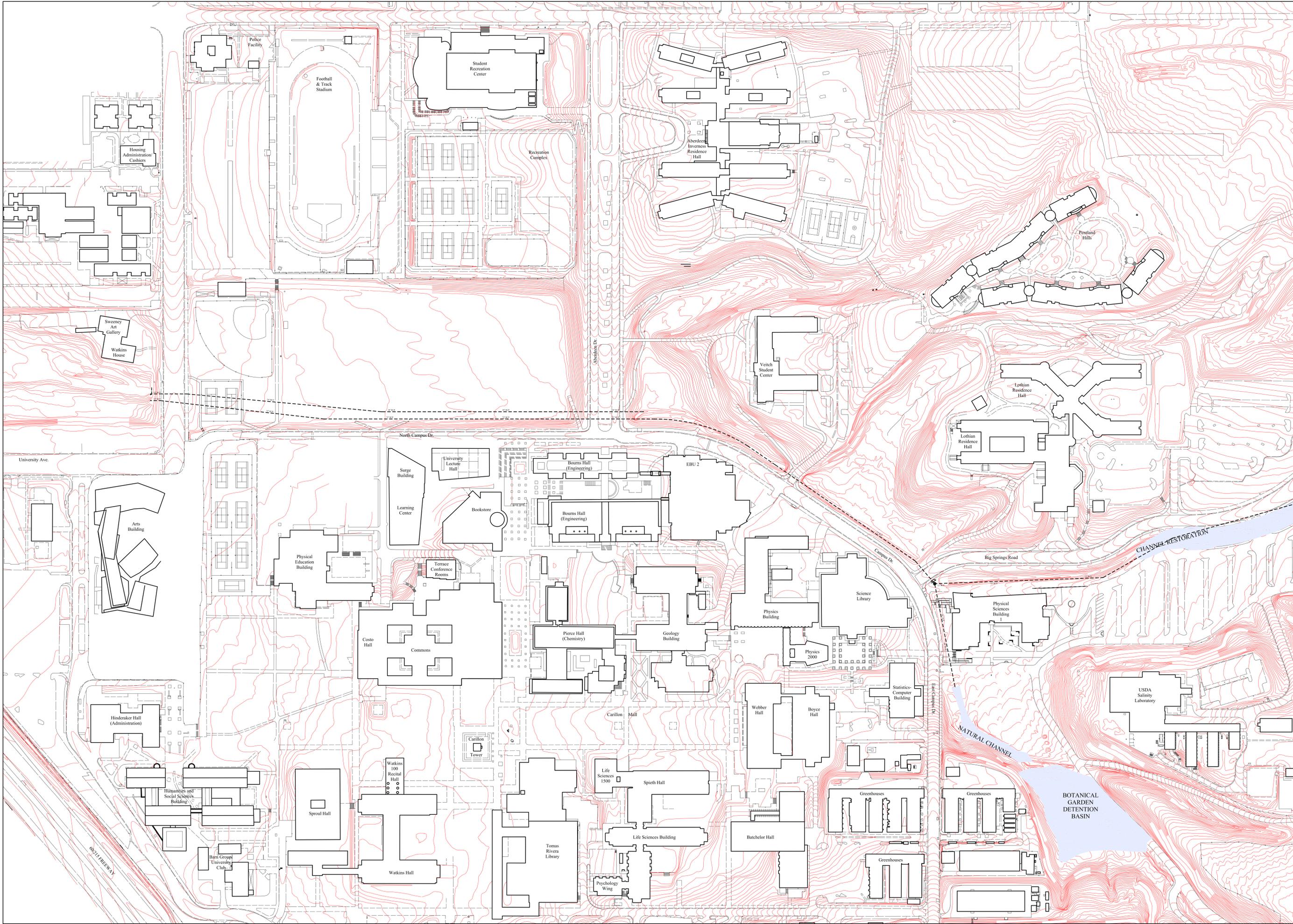
ACADEMIC CORE (COLLEGES / SCHOOLS)

Blue	CNAS	Light Blue	SOE	Orange	HOUSING
Yellow	CHASS	Pink	BIO MED	Purple	UNIVERSITY SERVICES
Green	BCOE	Light Green	CLASSROOMS		

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BUILDING USE
 AS OF FALL 2001

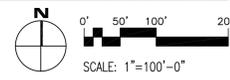


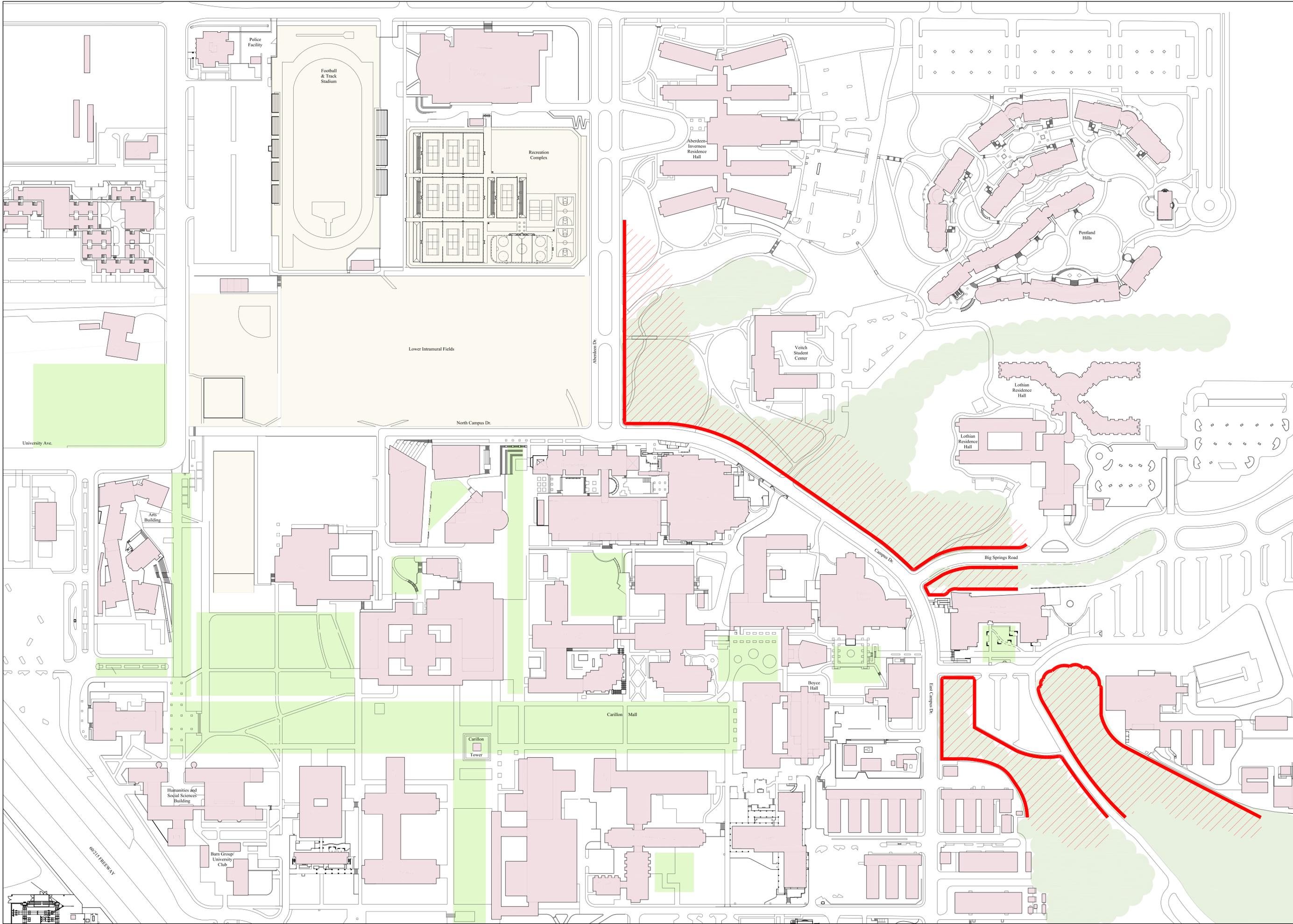


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FLOODPLAIN / DRAINAGE CONSTRAINTS

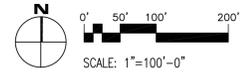


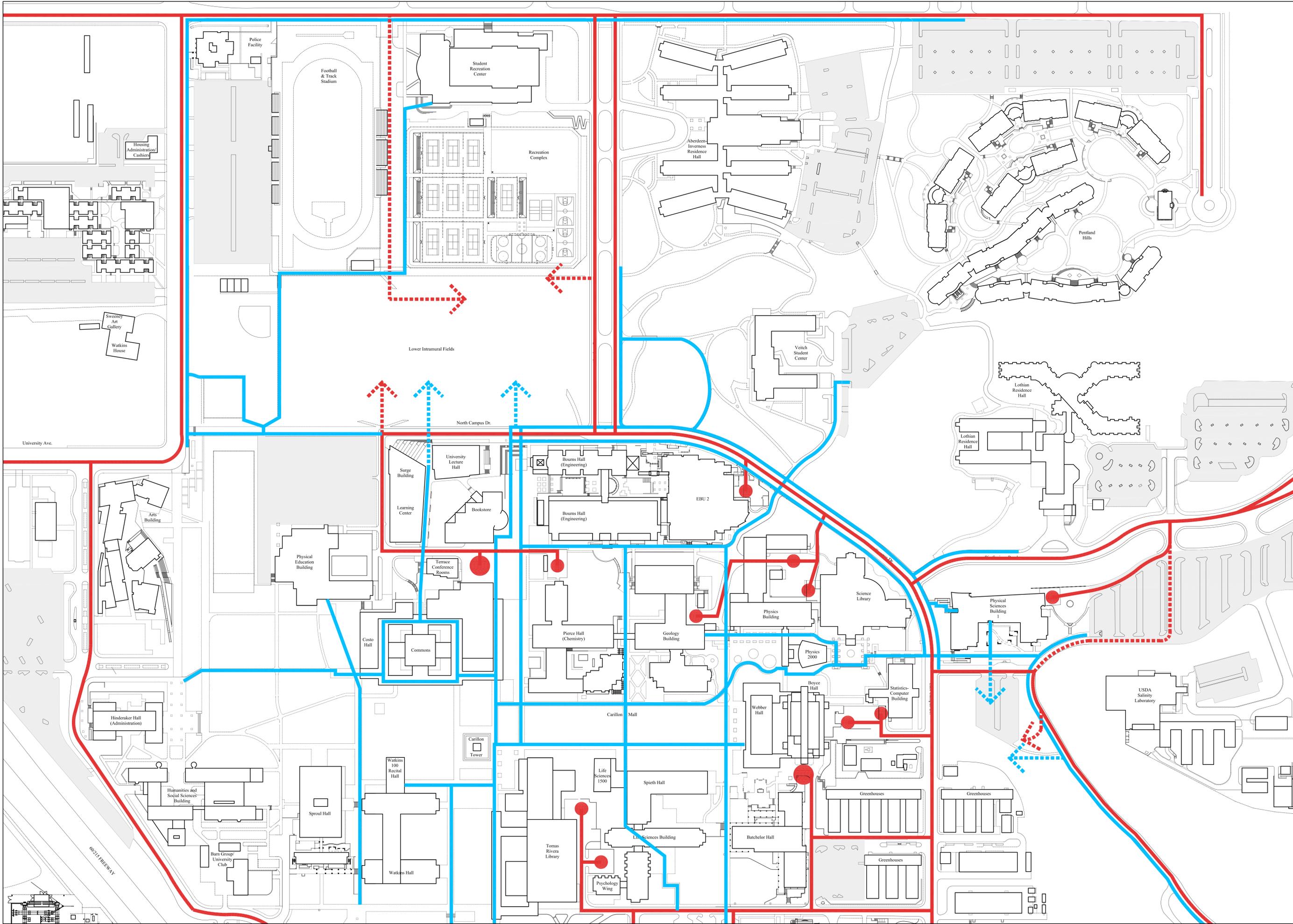


OPEN SPACE DIAGRAM

- PARK/GREEN
- OPEN CAMPUS
- OPEN RECREATIONAL

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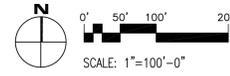


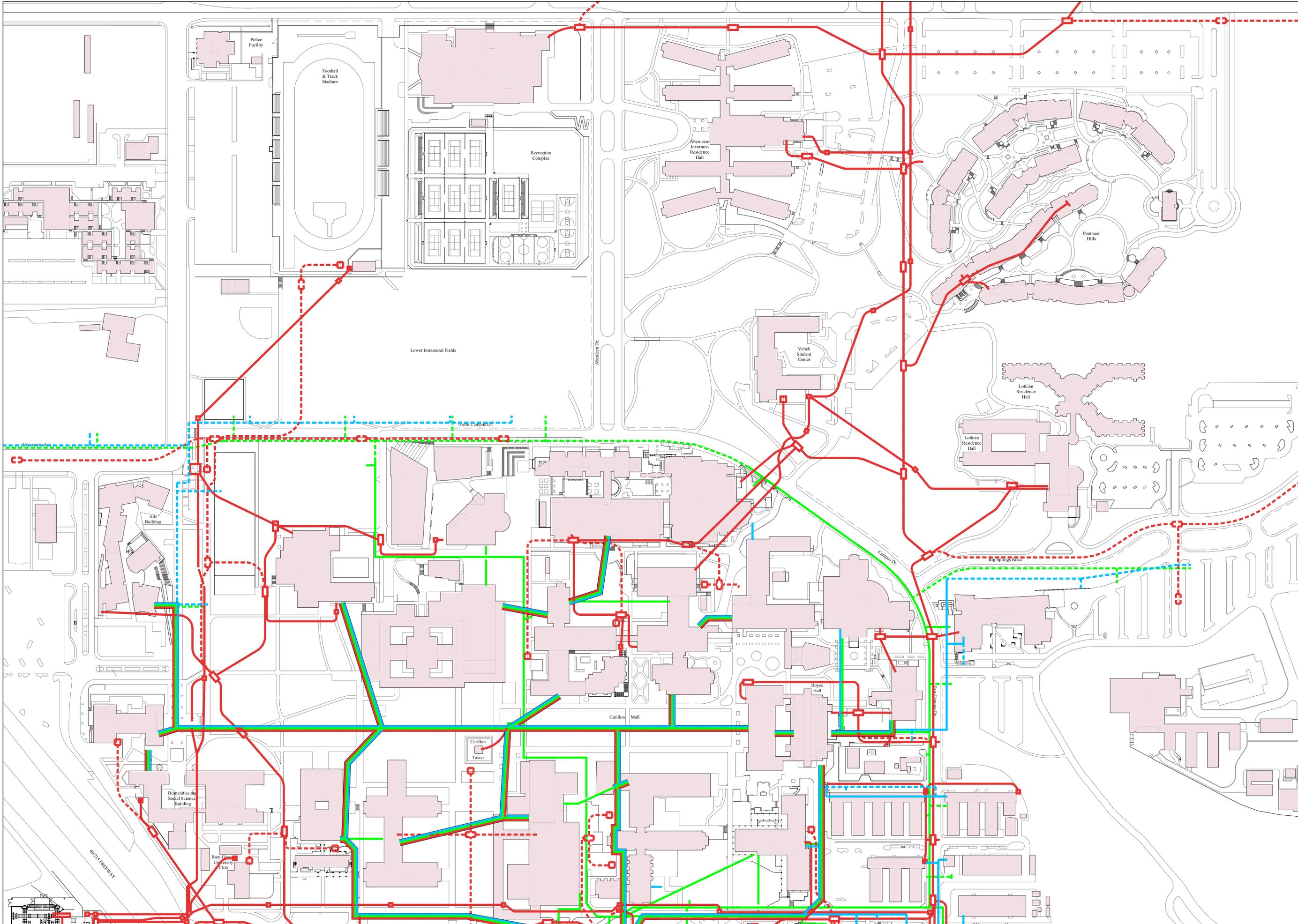


CIRCULATION DIAGRAM

- VEHICULAR
- PEDESTRIAN
- SERVICE
- PARKING

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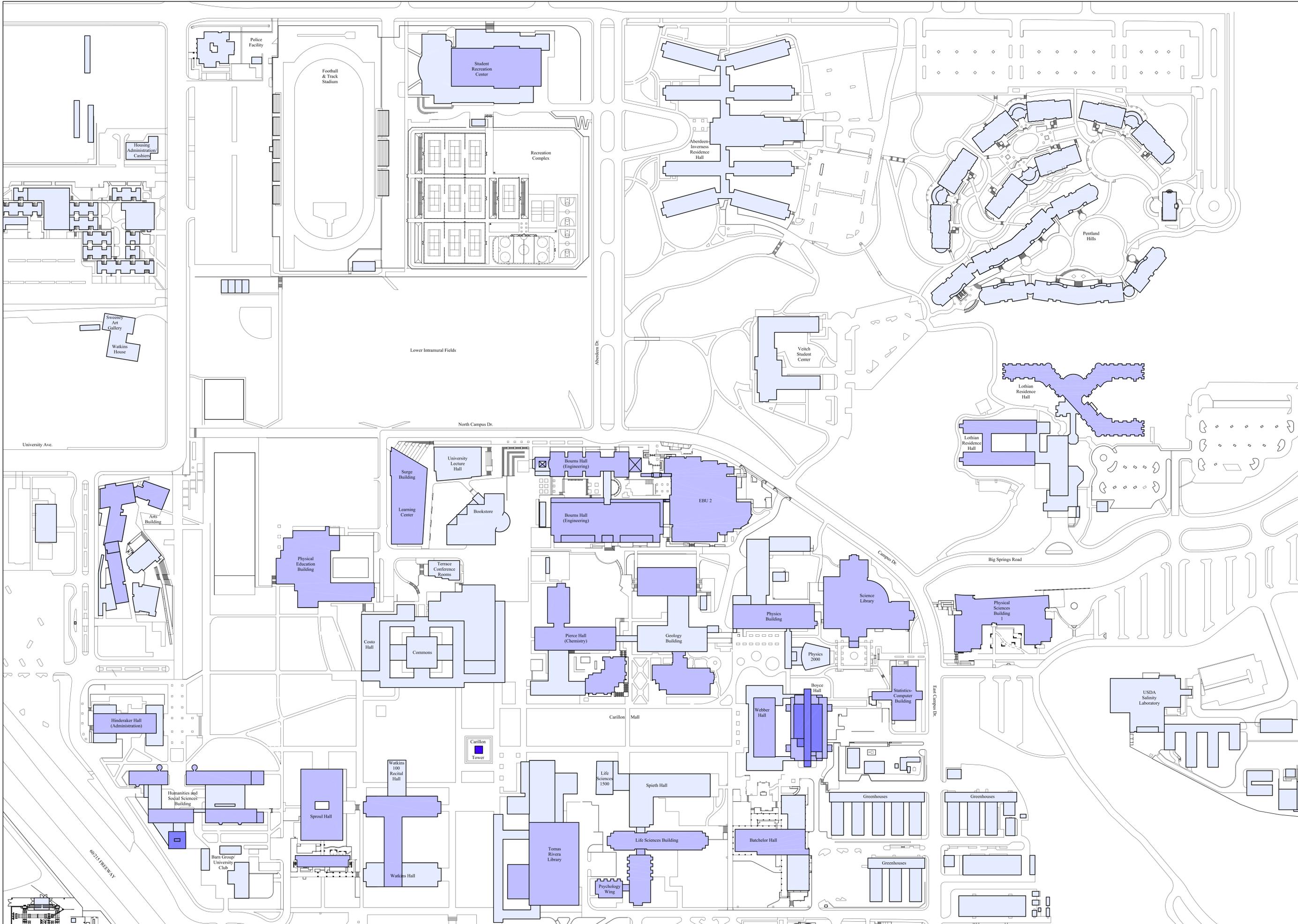


EXISTING / PLANNED - 2005	FUTURE: BEYOND 2005
ELECTRICAL	ELECTRICAL
STEAM HEATING PIPING	STEAM HEATING PIPING
CHILLED WATER PIPE	CHILLED WATER PIPE

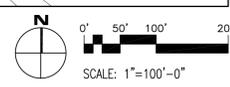
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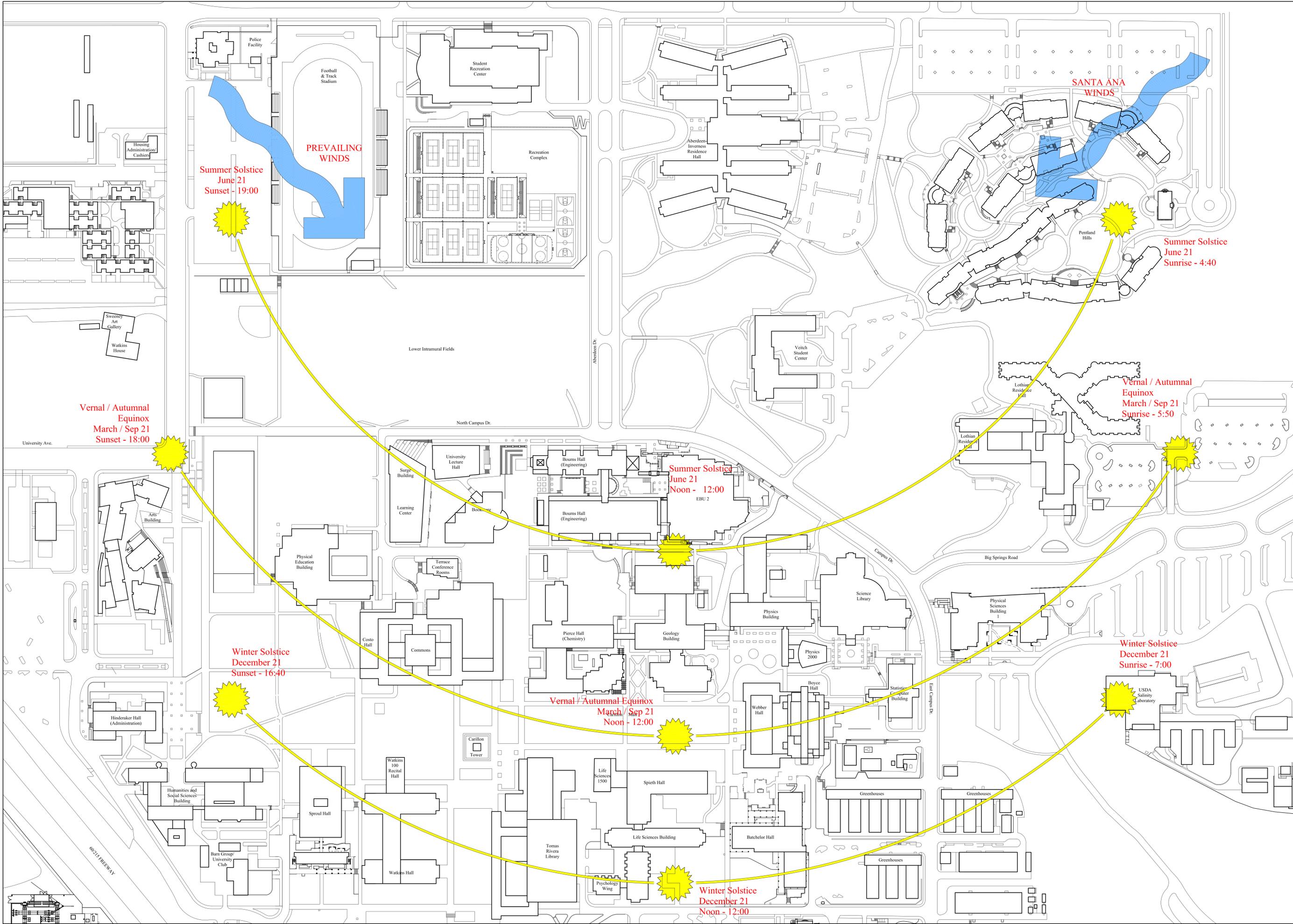
SCALE: 1"=100'-0"

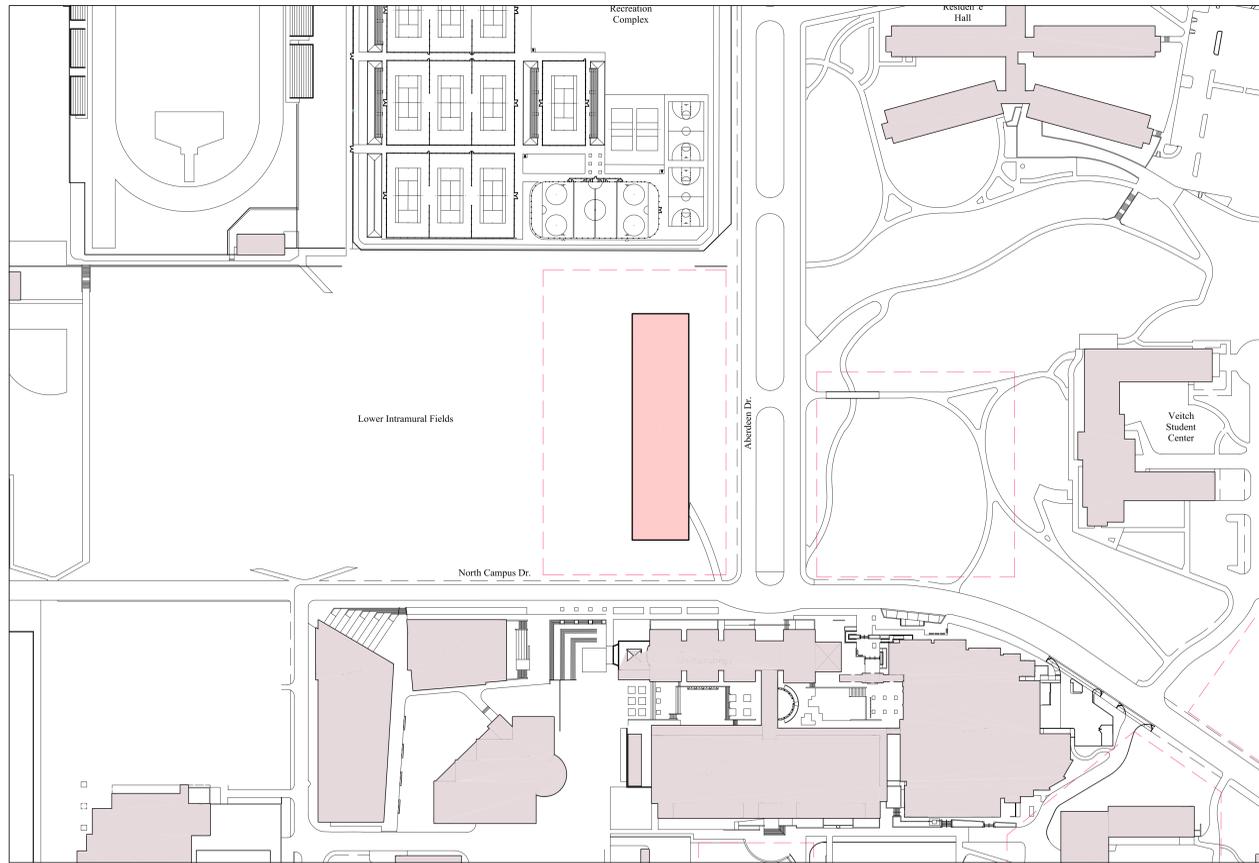
UTILITIES DIAGRAM



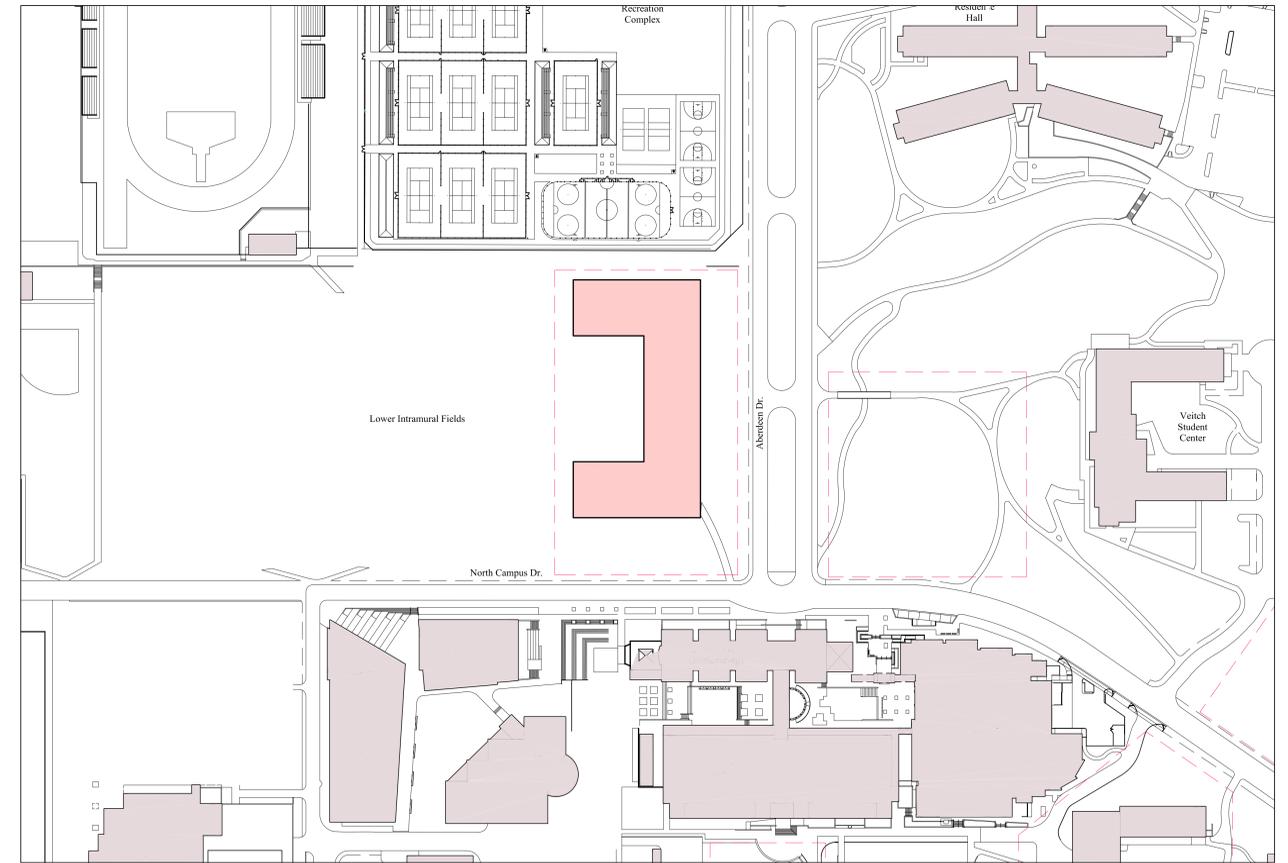
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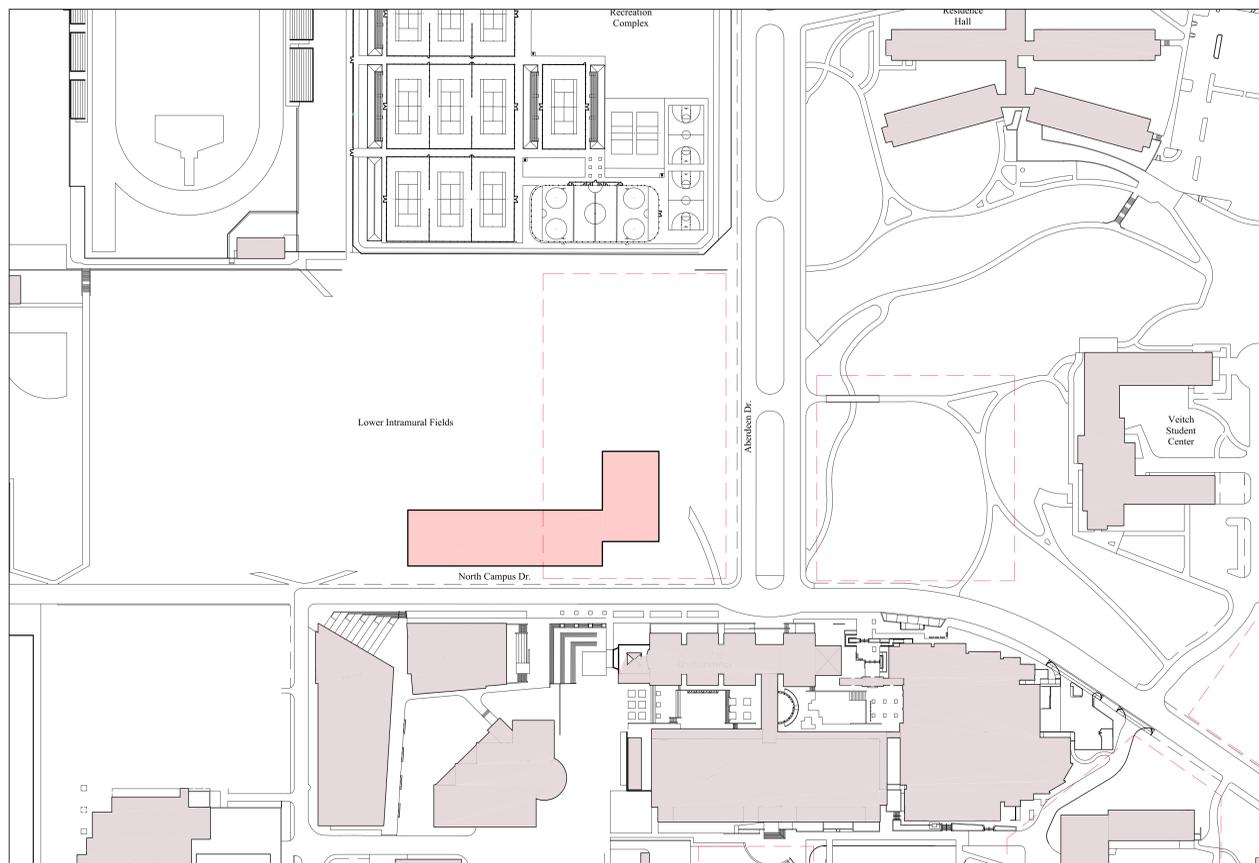




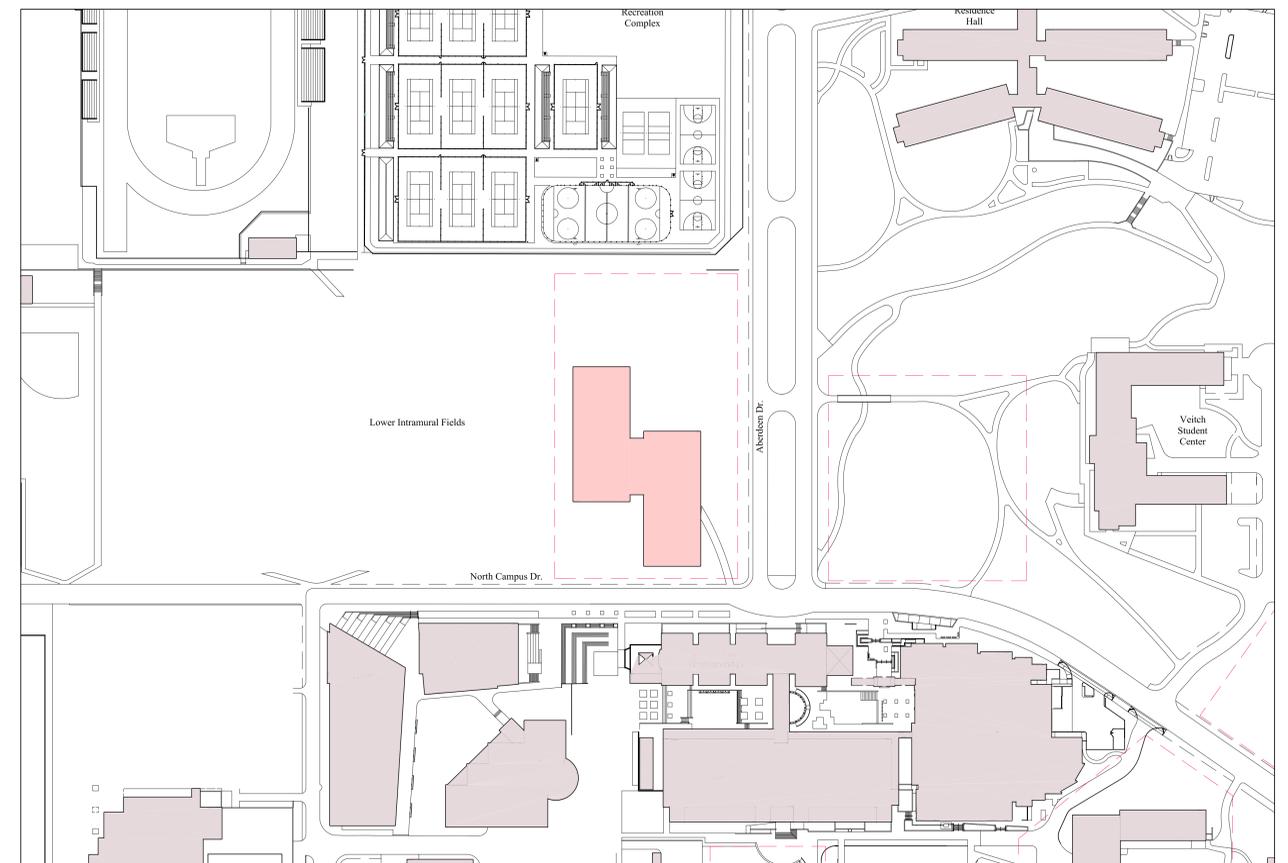
25,880 SF/FLOOR 5 STORIES = 129,400 SF



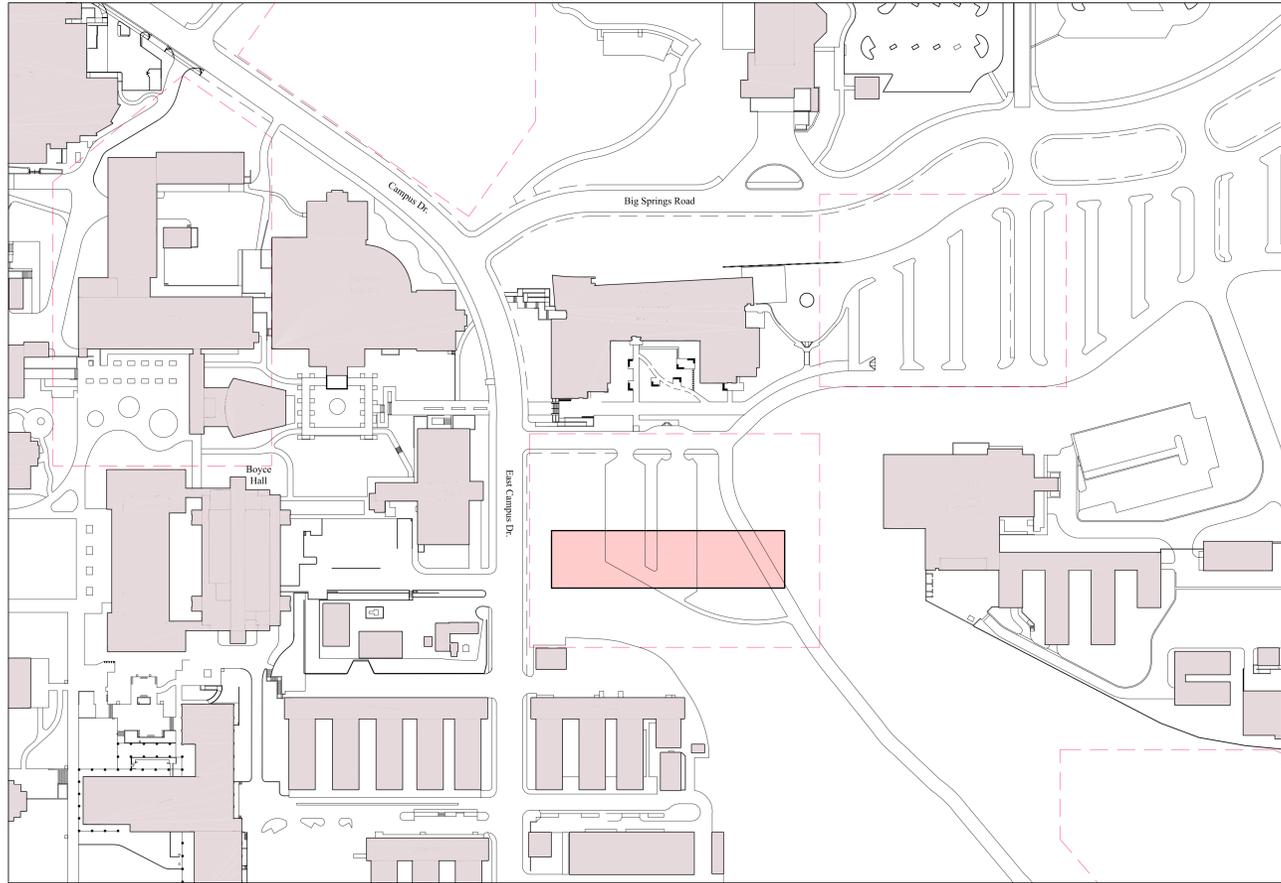
43,200 SF/FLOOR 3 STORIES = 129,600 SF



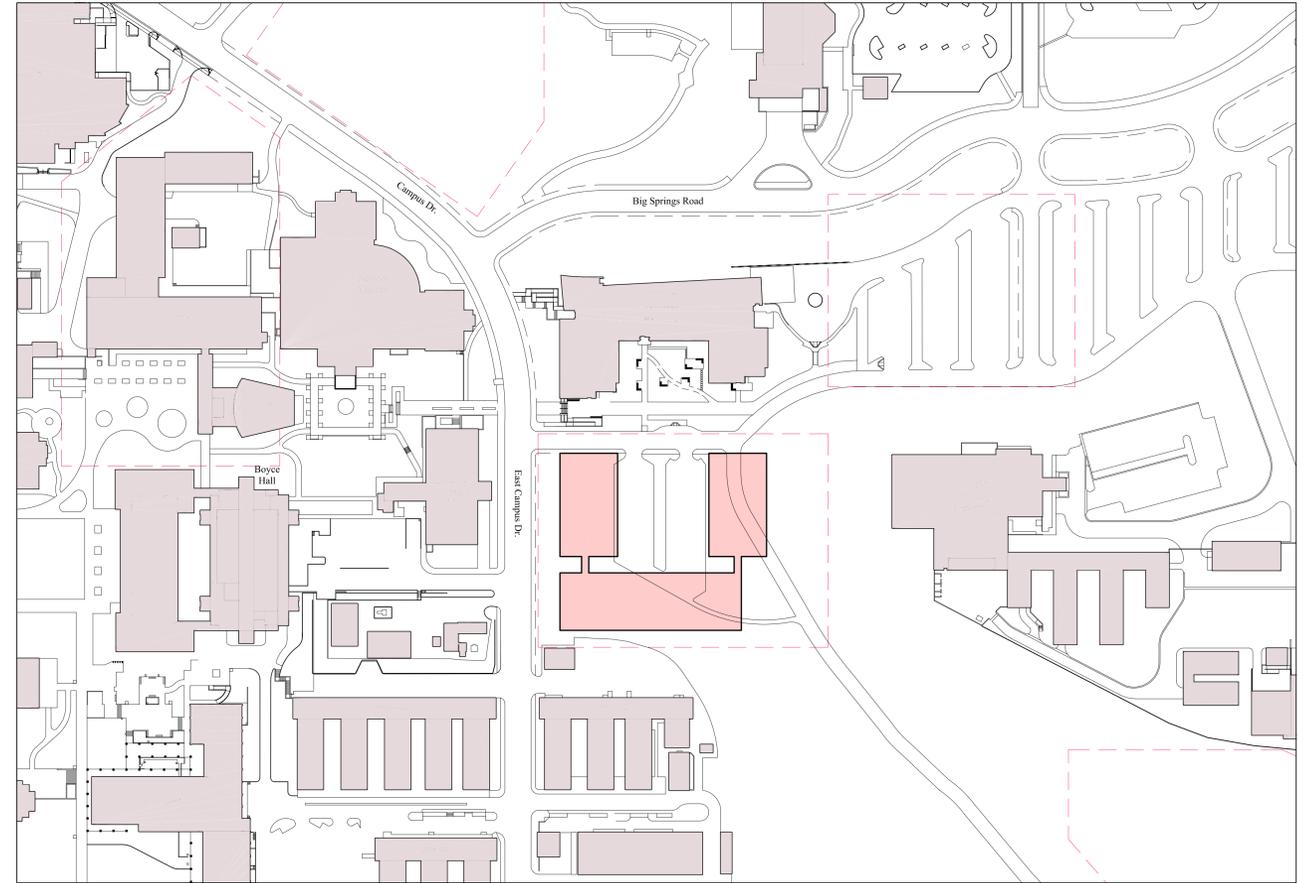
32,350 SF/FLOOR 4 STORIES = 129,400 SF



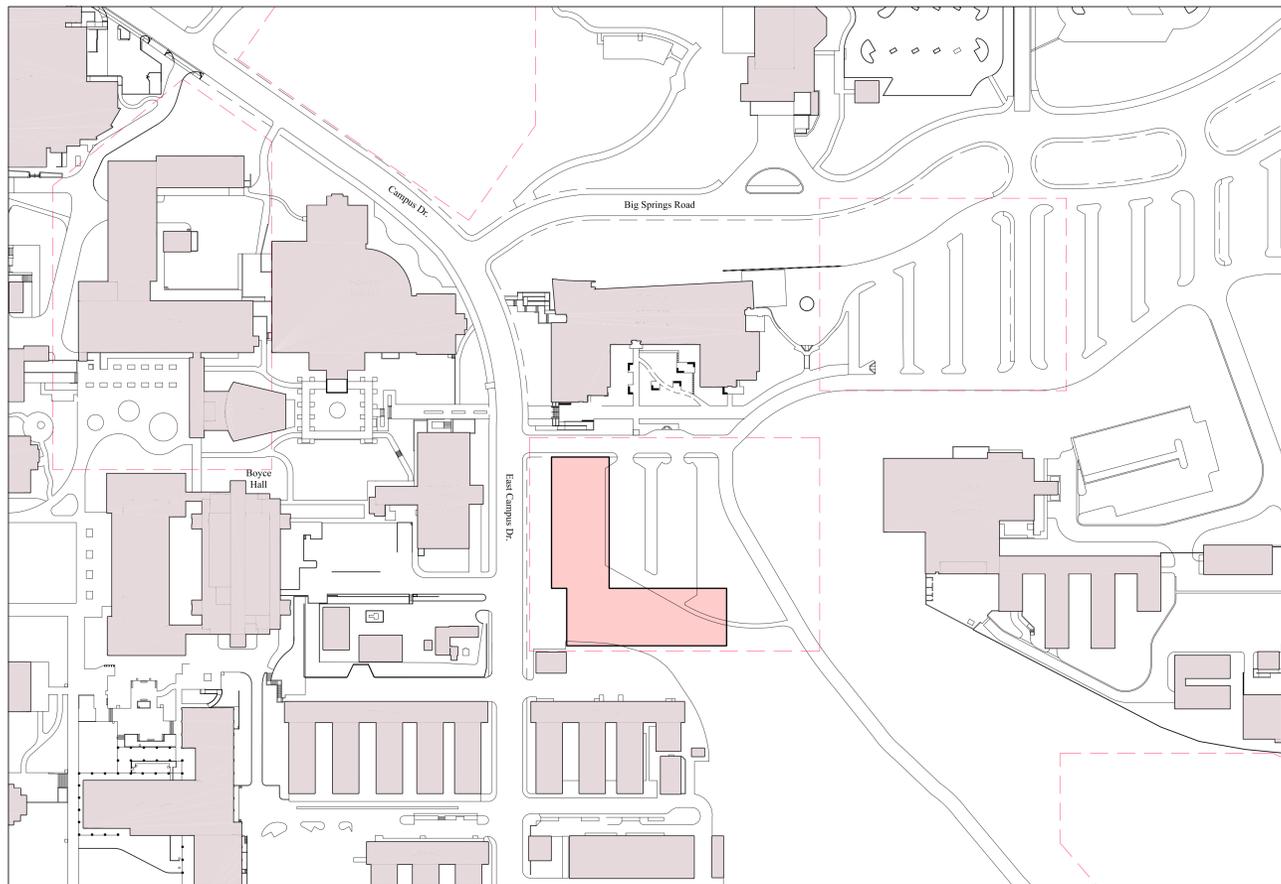
32,350 SF/FLOOR 4 STORIES = 129,400 SF



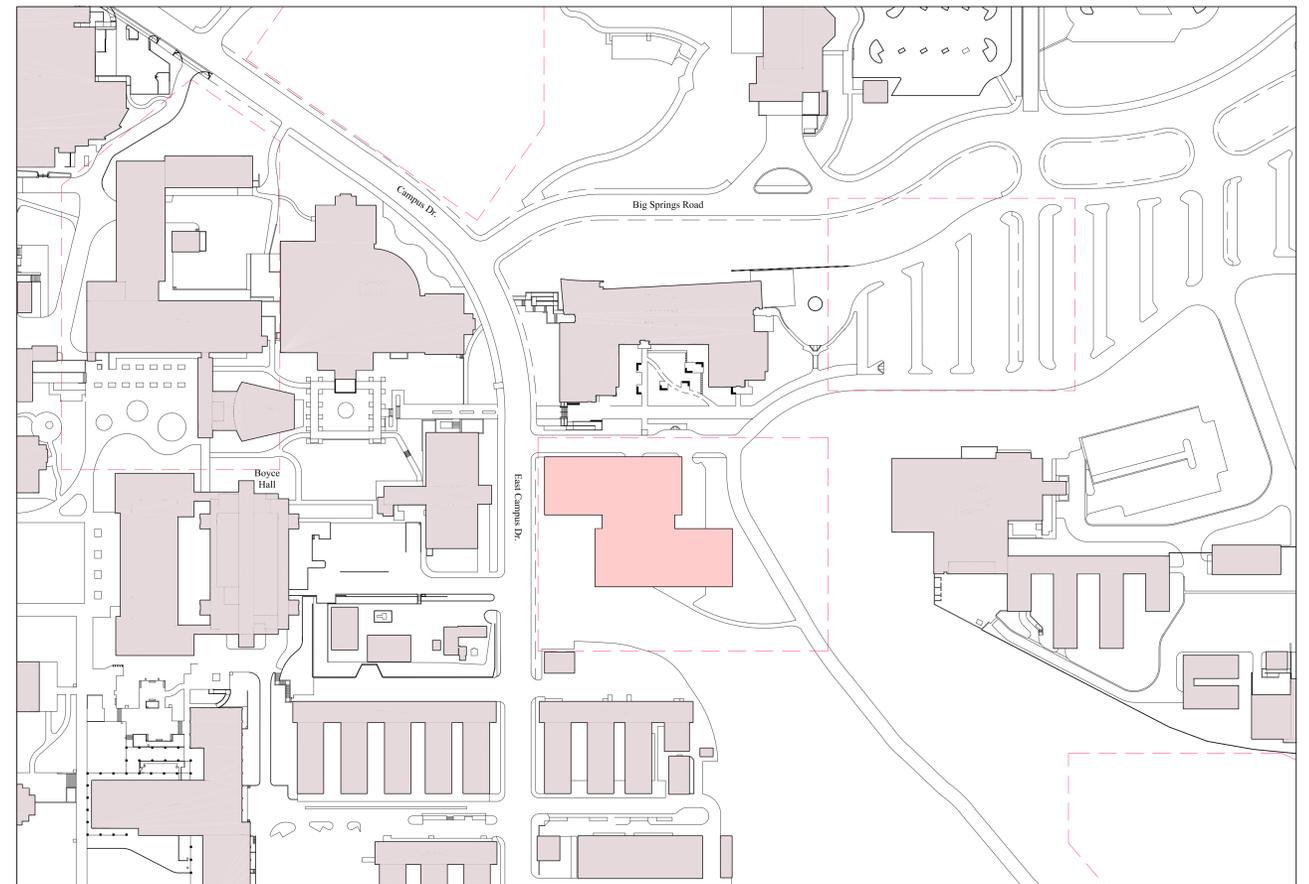
25,880 SF/FLOOR 5 STORIES = 129,400 SF



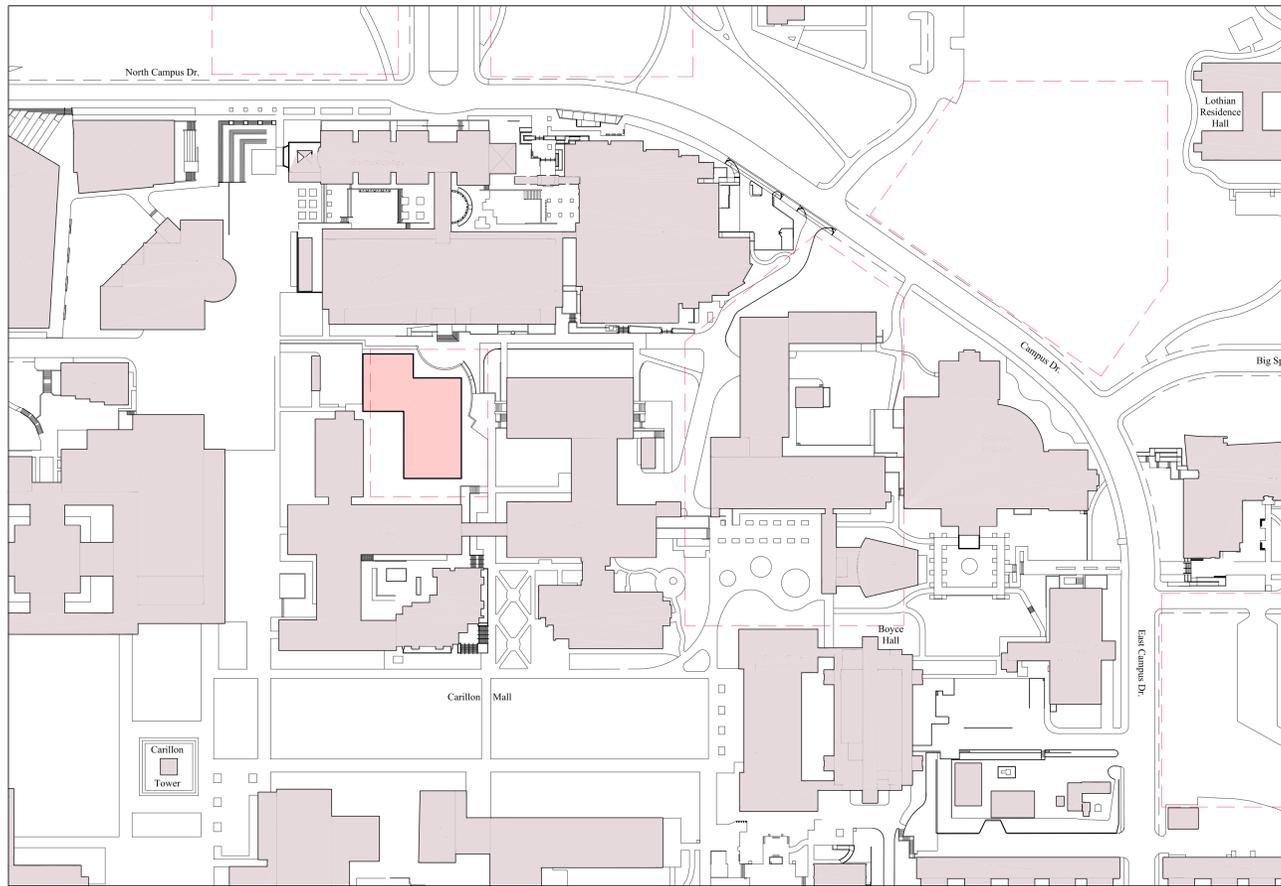
43,600 SF/FLOOR 3 STORIES = 130,800 SF



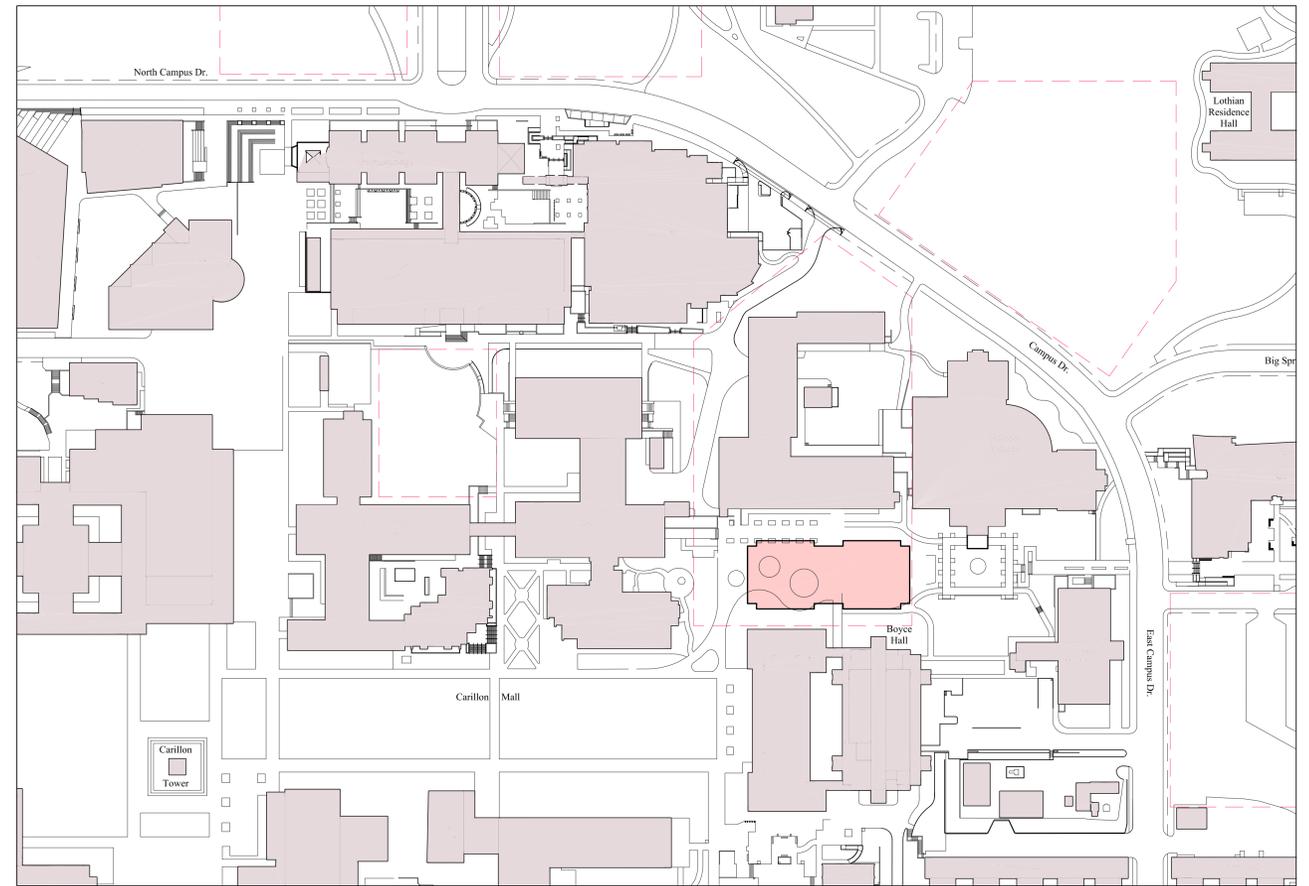
32,350 SF/FLOOR 4 STORIES = 129,400 SF



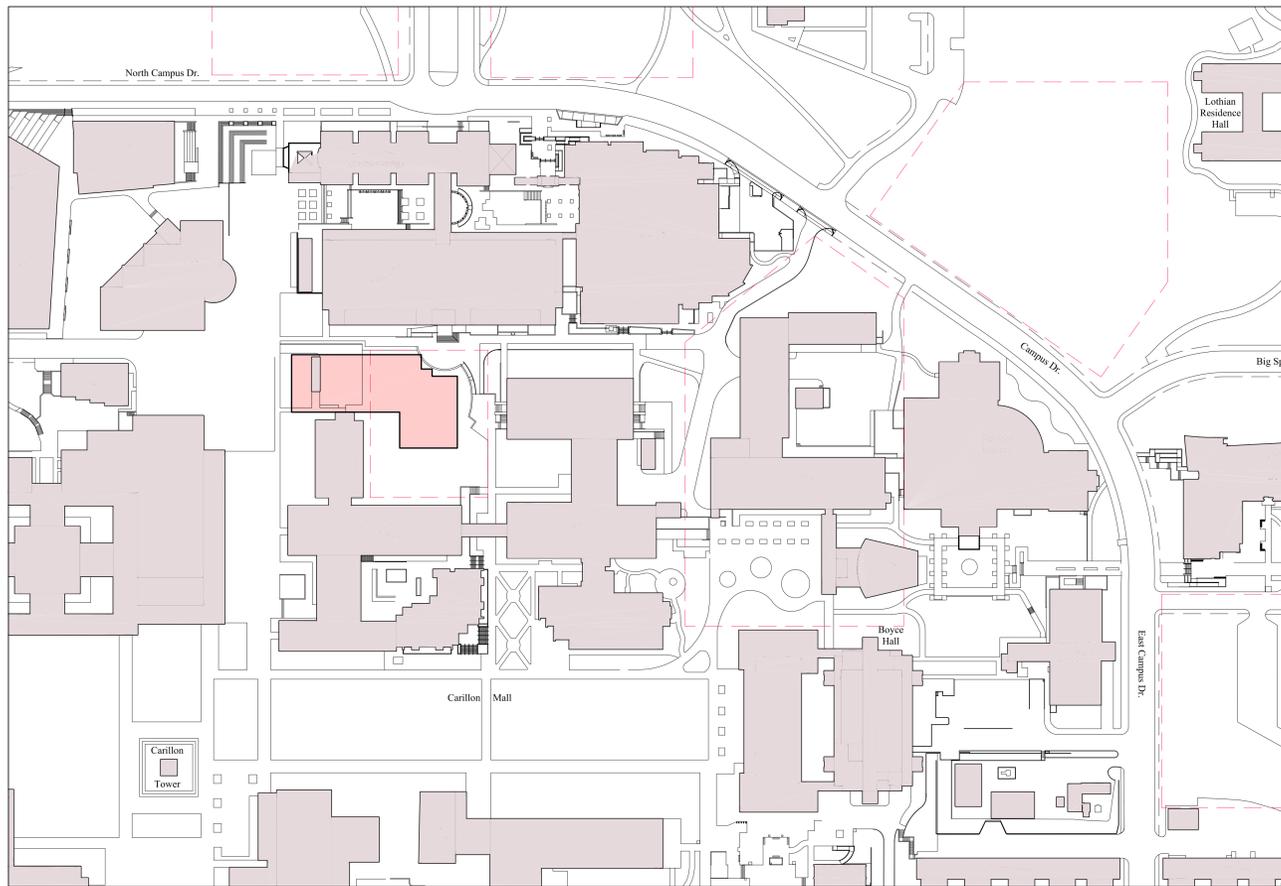
32,350 SF/FLOOR 4 STORIES = 129,400 SF



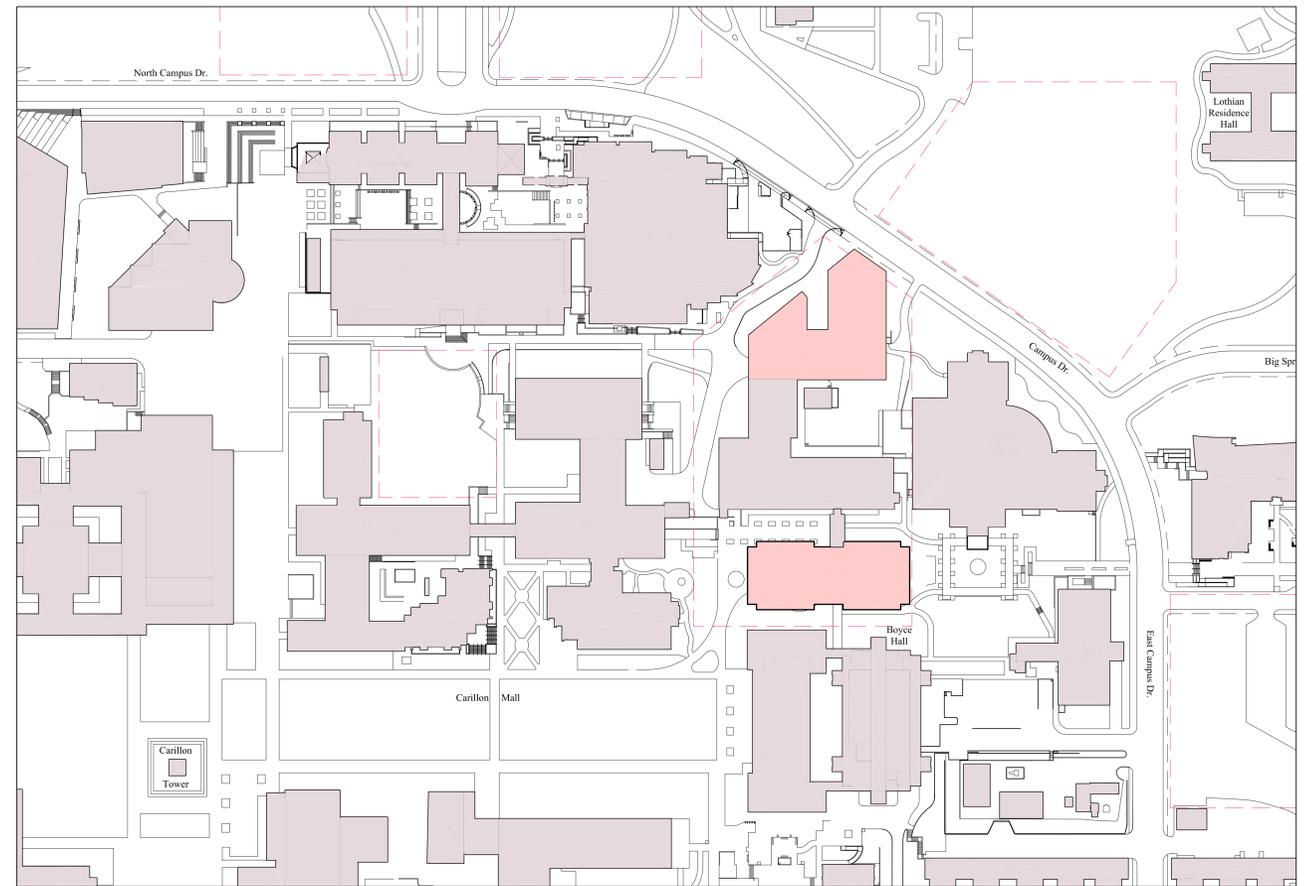
16,175 SF/FLOOR

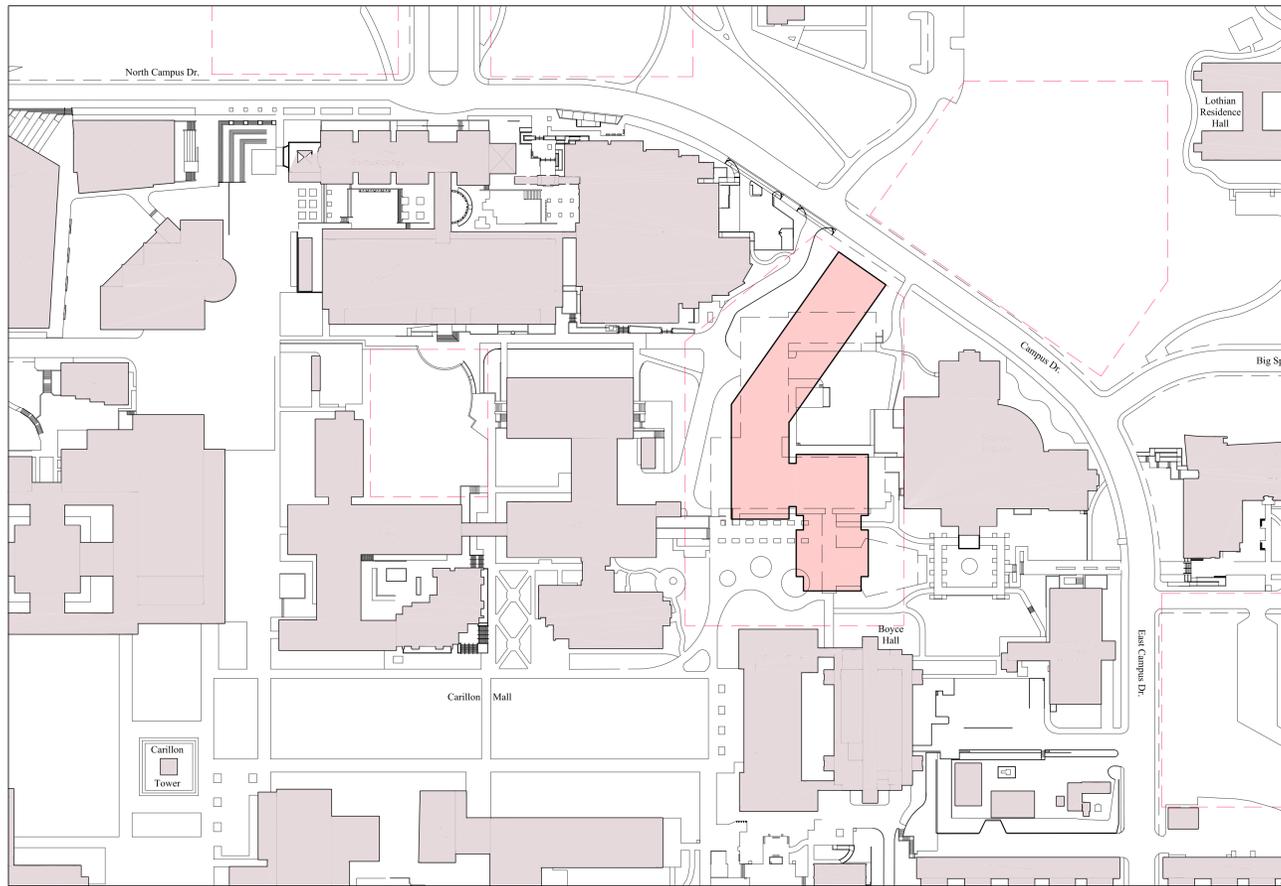


20,400 SF/FLOOR

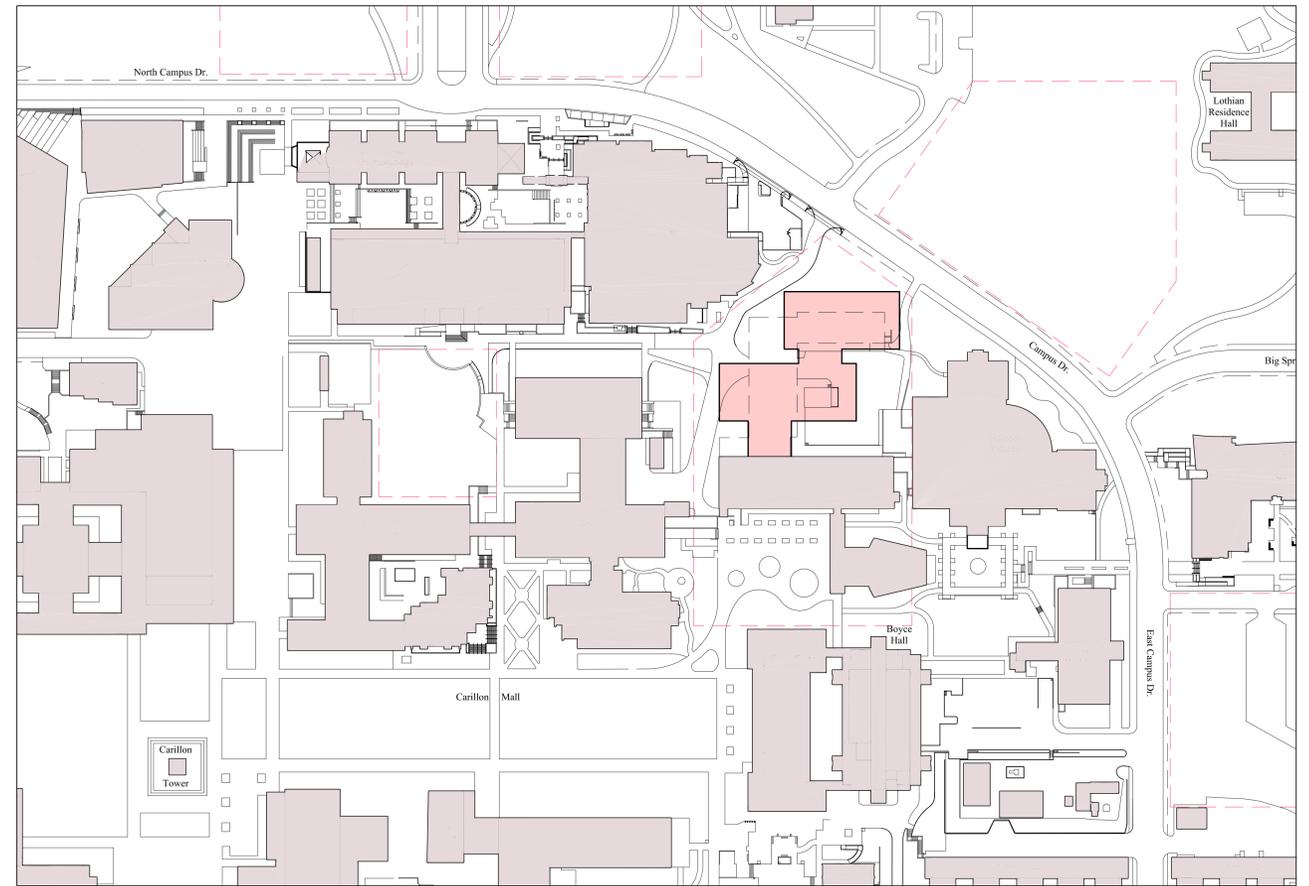


21,000 SF/FLOOR

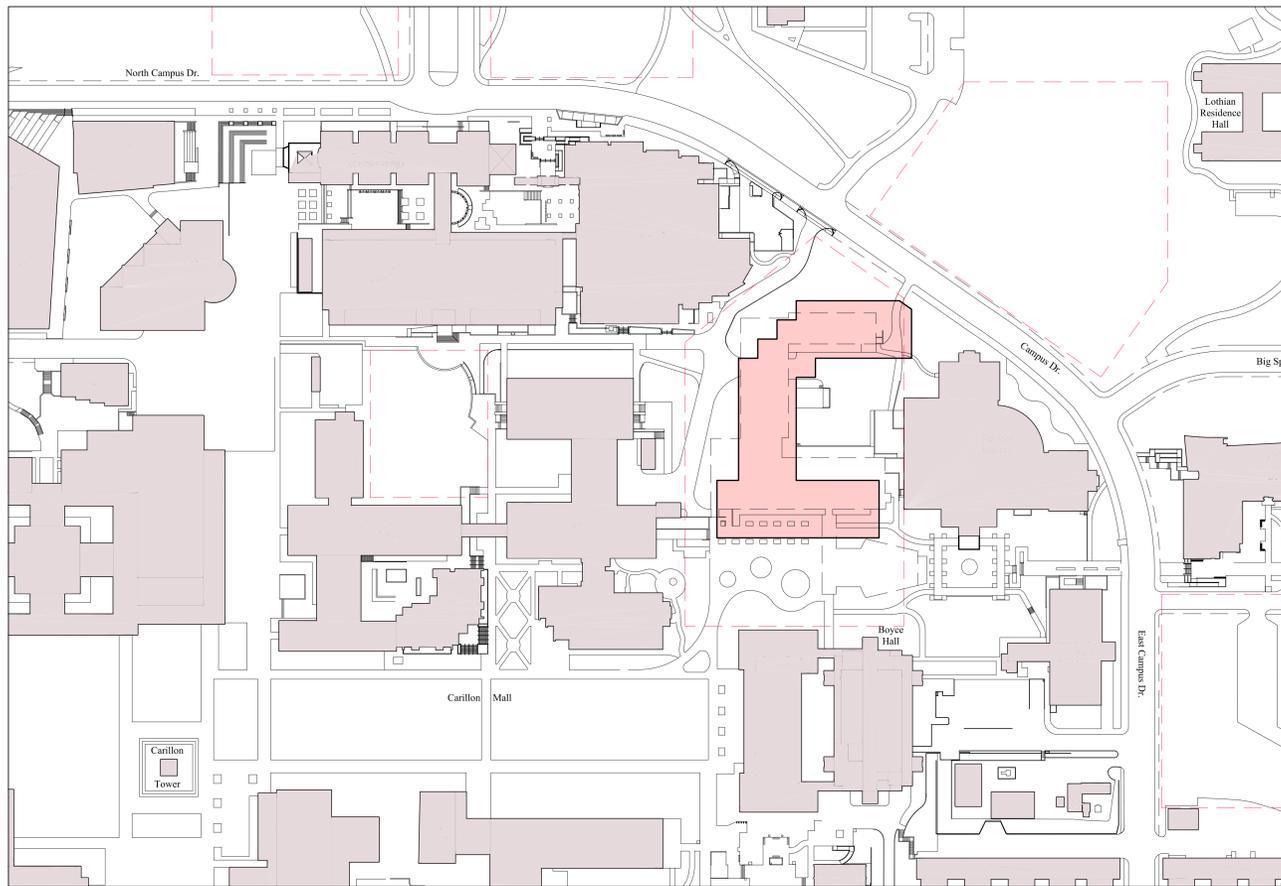




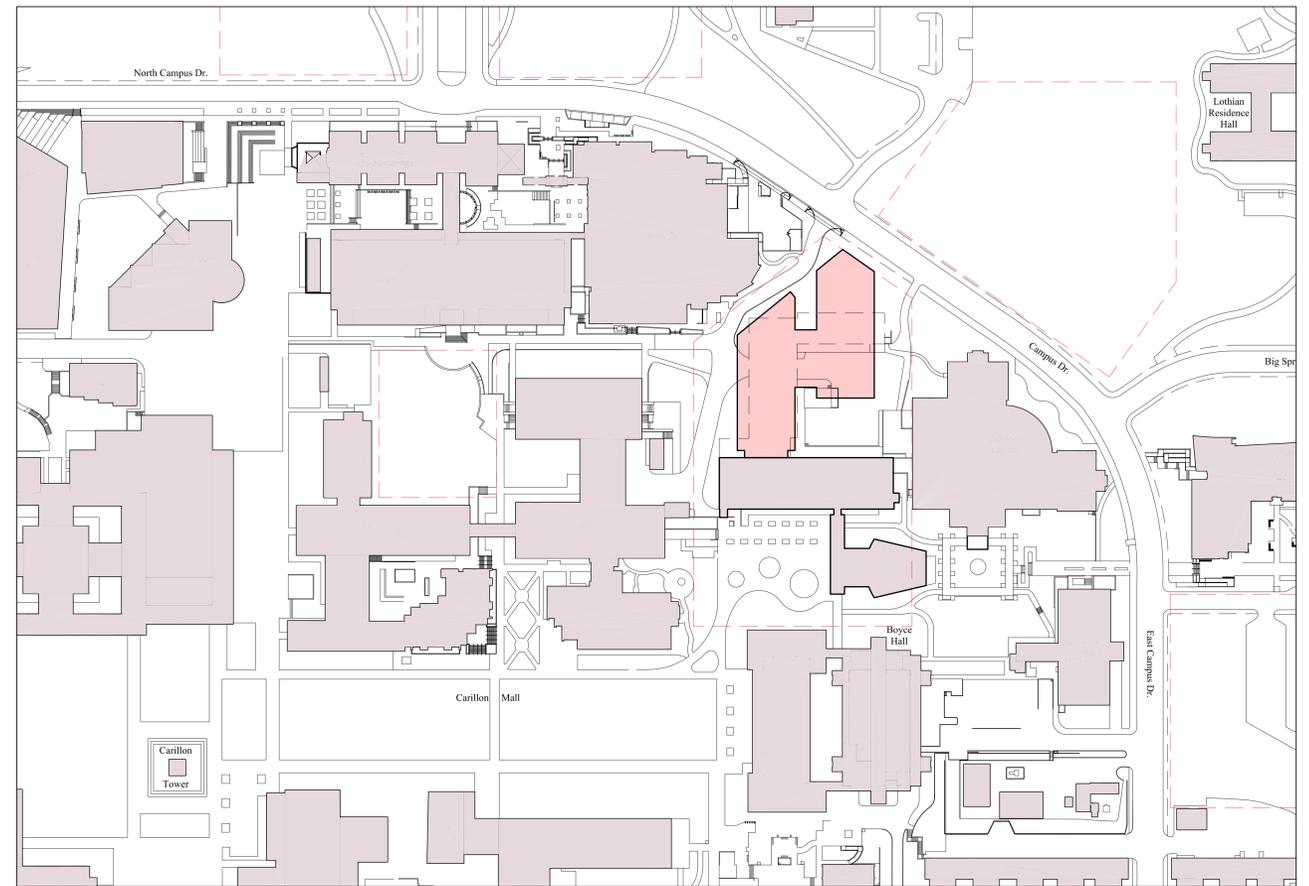
50,300 SF/FLOOR



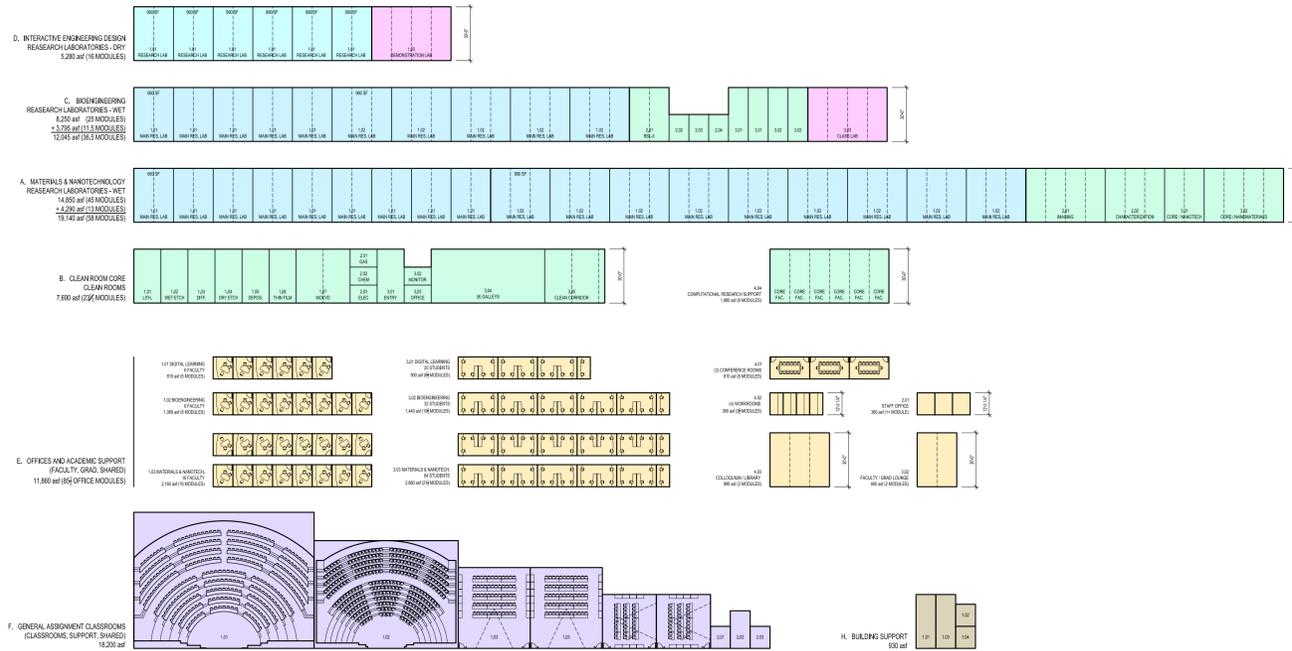
32,200 SF/FLOOR



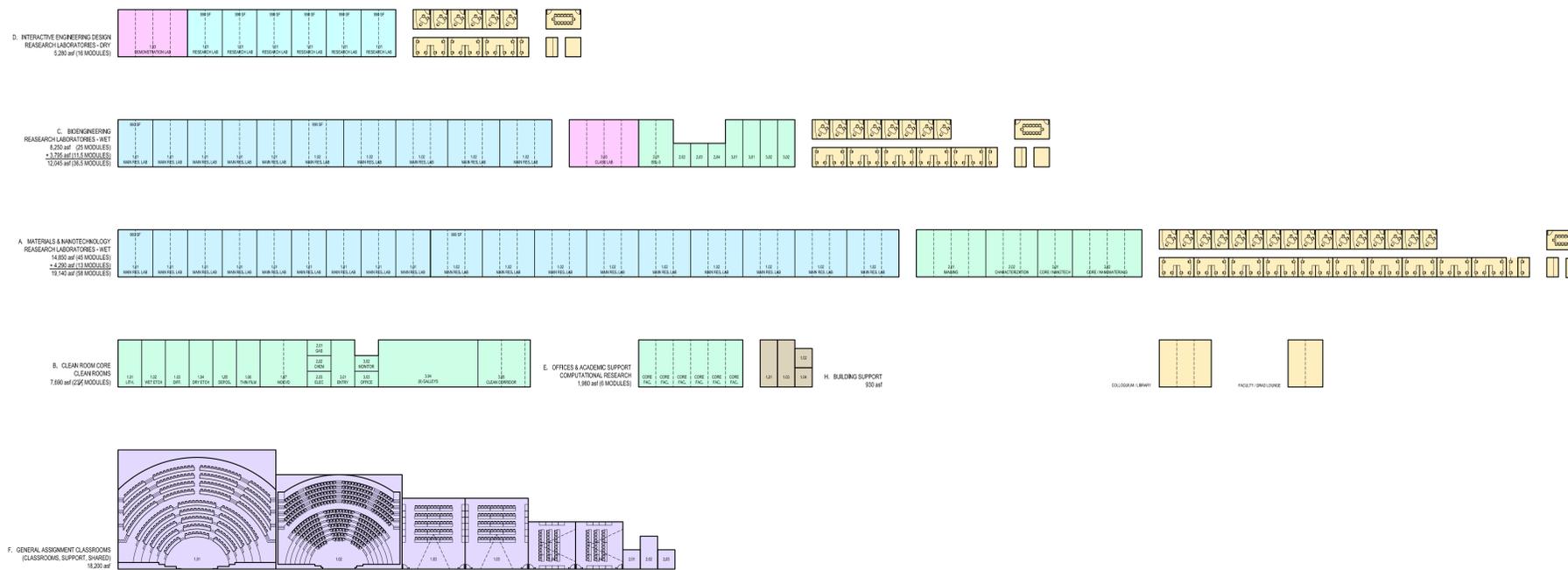
47,150 SF/FLOOR



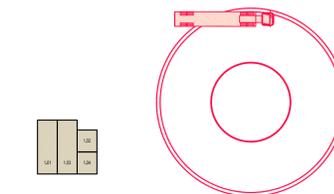
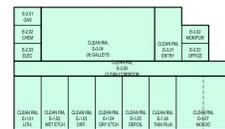
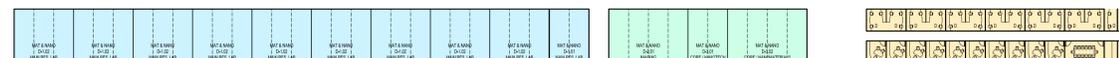
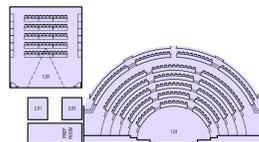
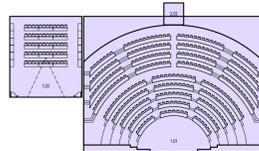
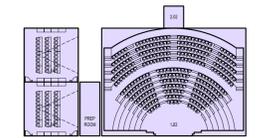
33,775 SF/FLOOR



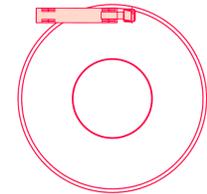
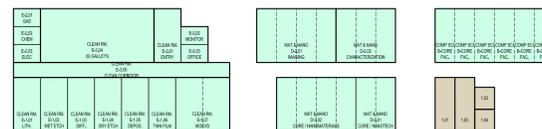
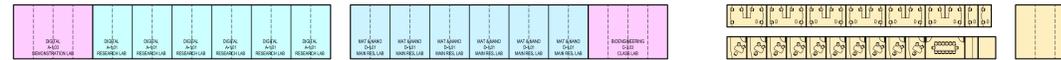
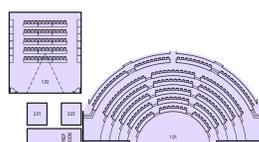
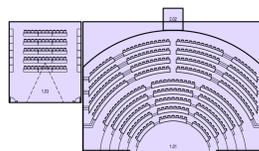
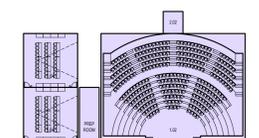
ASSIGNABLE AREA (ASF) BY SPACE TYPE



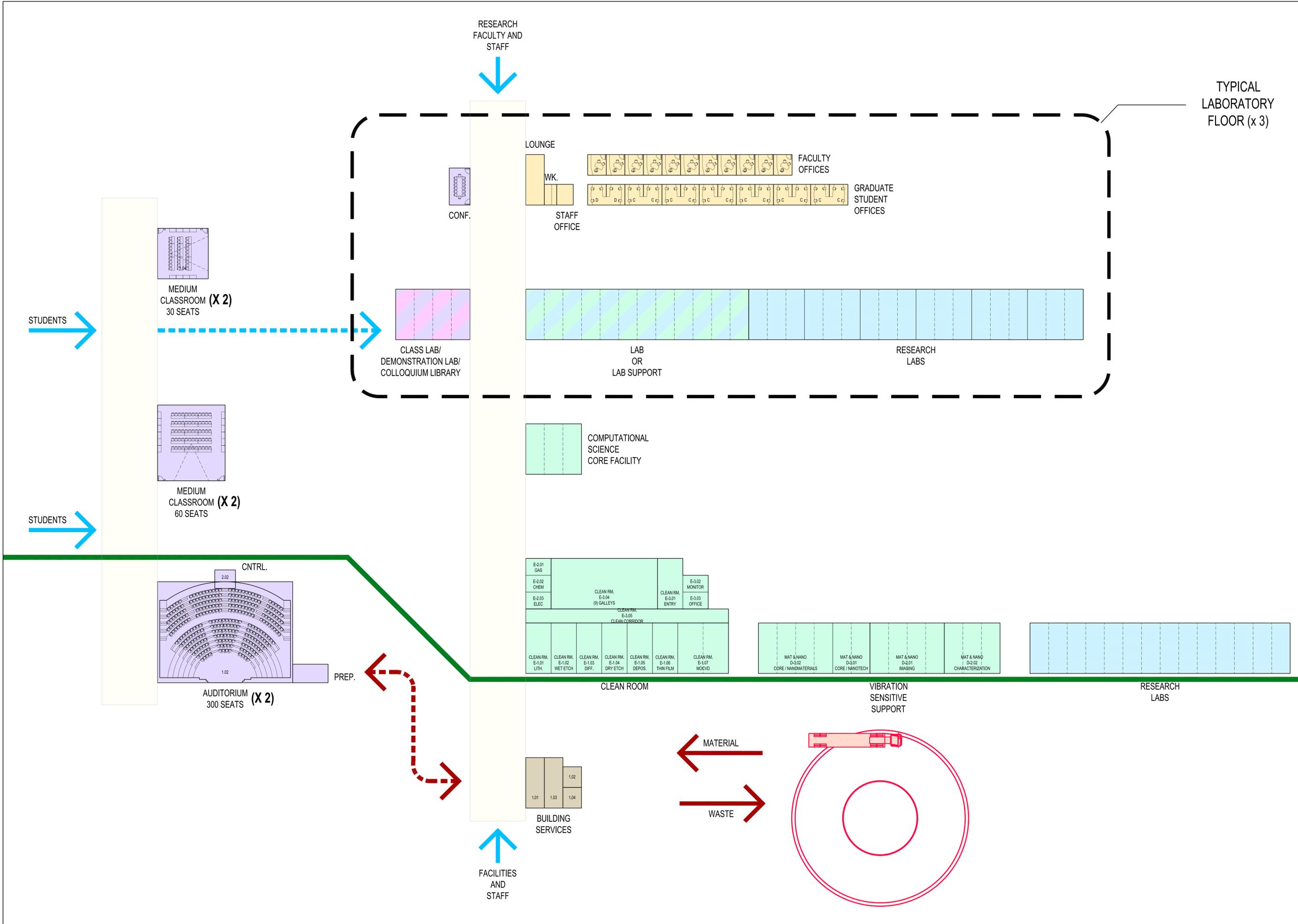
ASSIGNABLE AREA BY DISCIPLINE



CORE / SUPPORT ELEMENTS DISTRIBUTED ON FLOOR



CORE / SUPPORT ELEMENTS A (VIBRATION SENSITIVE) AT GRADE



TYPICAL
LABORATORY
FLOOR (x 3)

STUDENTS →

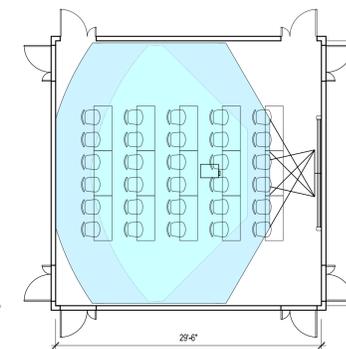
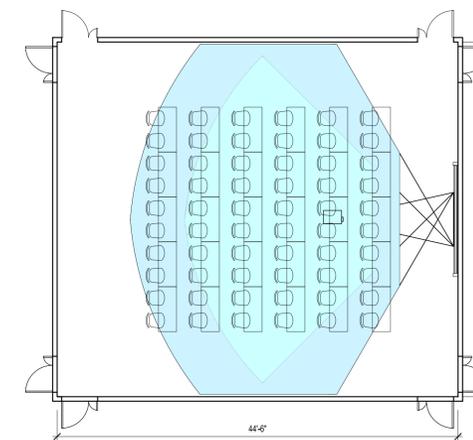
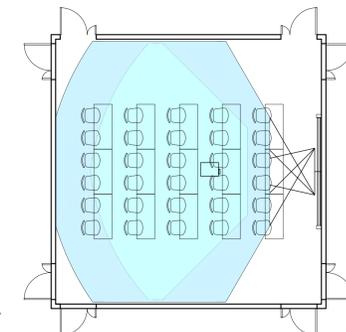
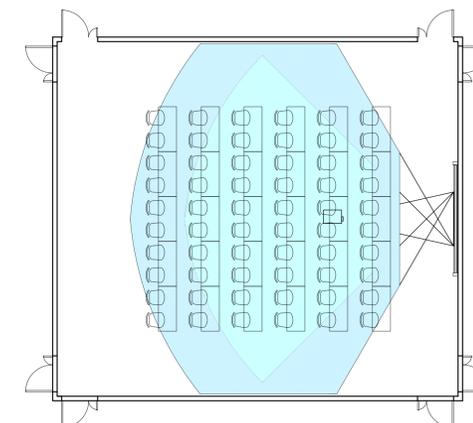
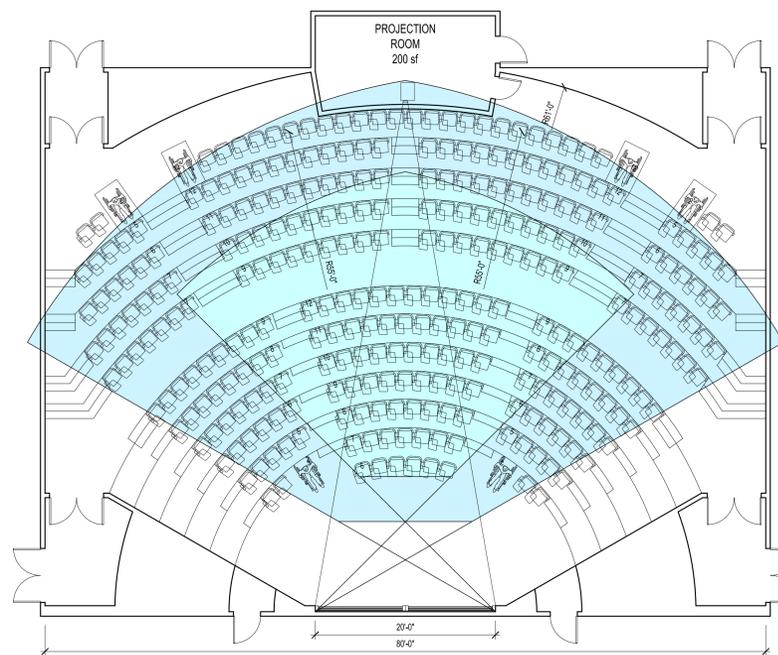
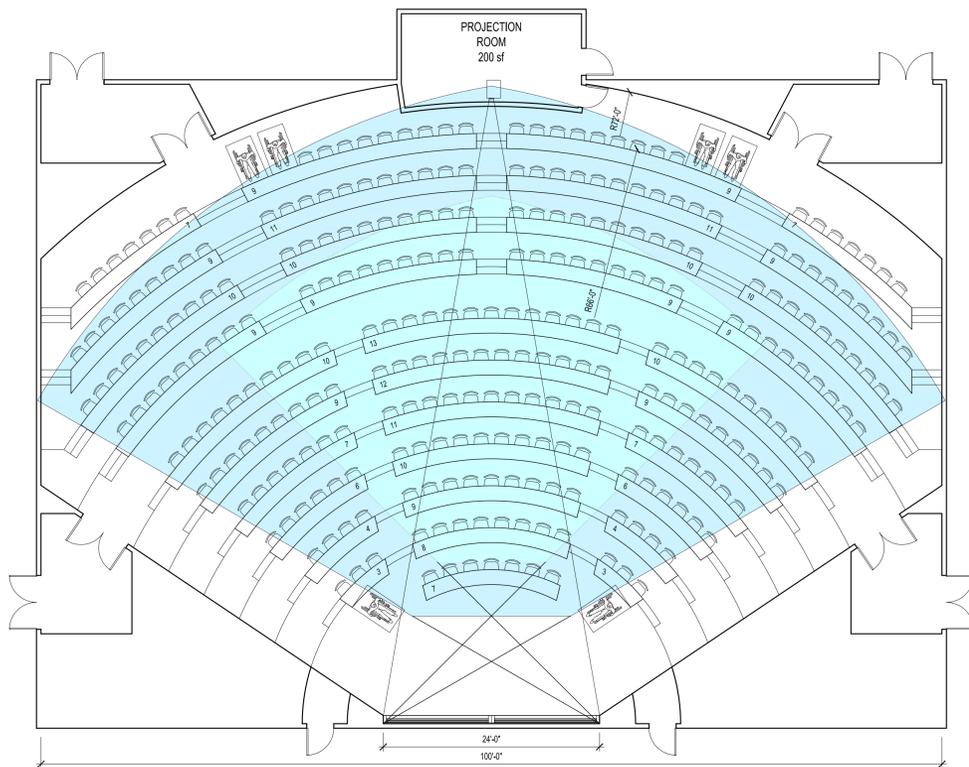
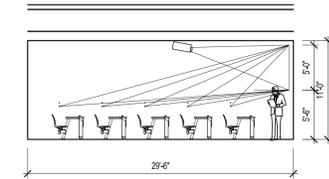
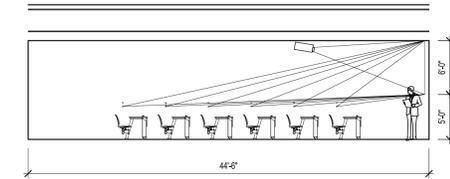
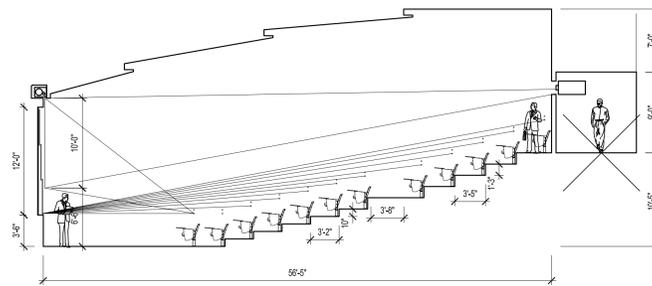
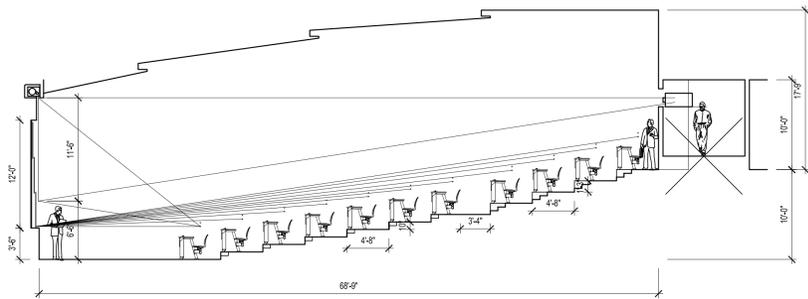
STUDENTS →

RESEARCH
FACULTY AND
STAFF
↓

↑
FACILITIES
AND
STAFF

← MATERIAL

→ WASTE



300 STATION CLASSROOM
7,500 sf @ 25 asf/station

286 STATIONS, 6 HC STATIONS
6,065 SF
20" DESK, 3'-0" CLEAR BTWN. DESKS
2'-3" BTWN. STATIONS
24" WIDE x 12' HIGH SCREEN

300 STATION CLASSROOM
4,800 sf @ 16 asf/station

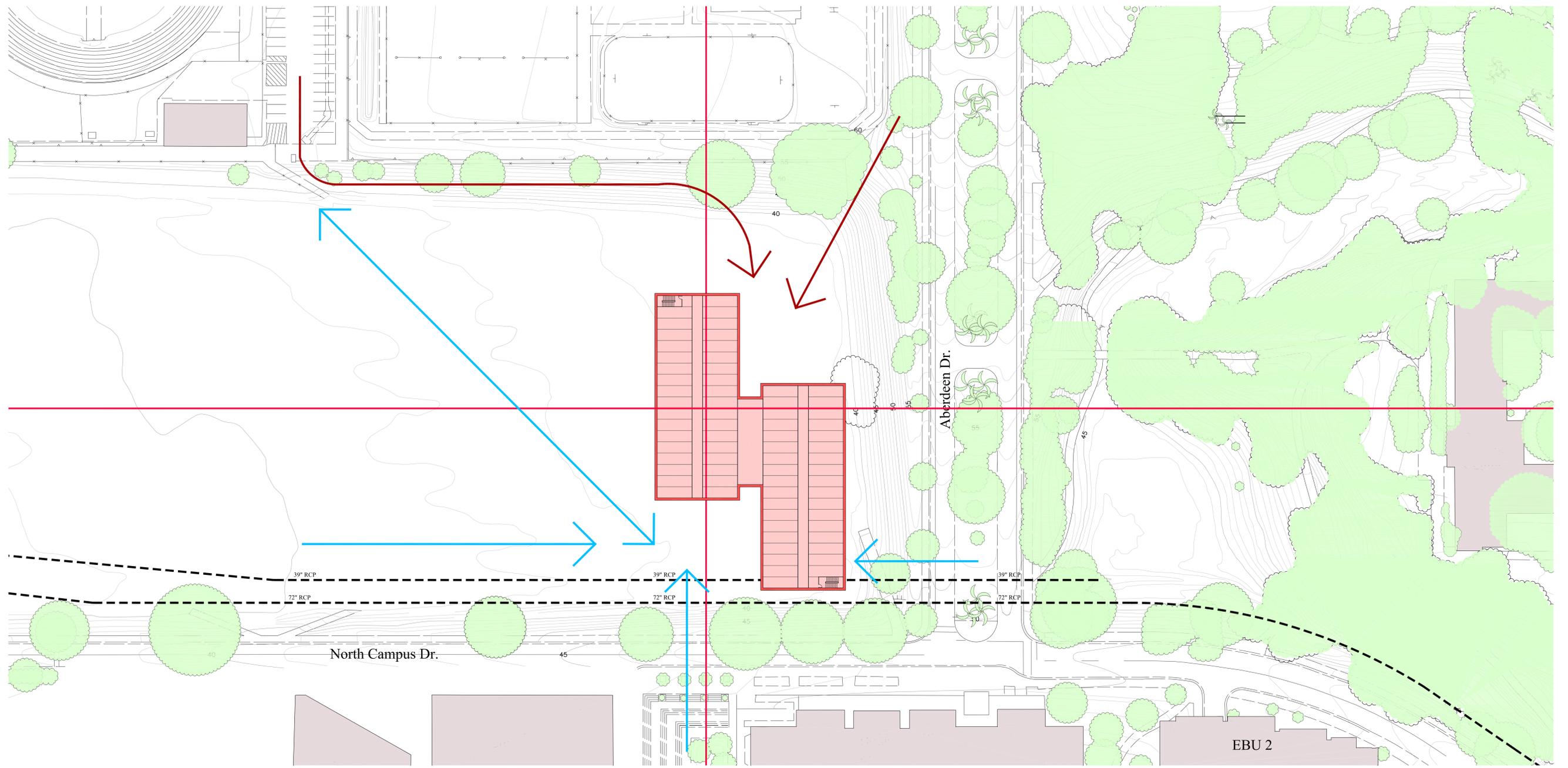
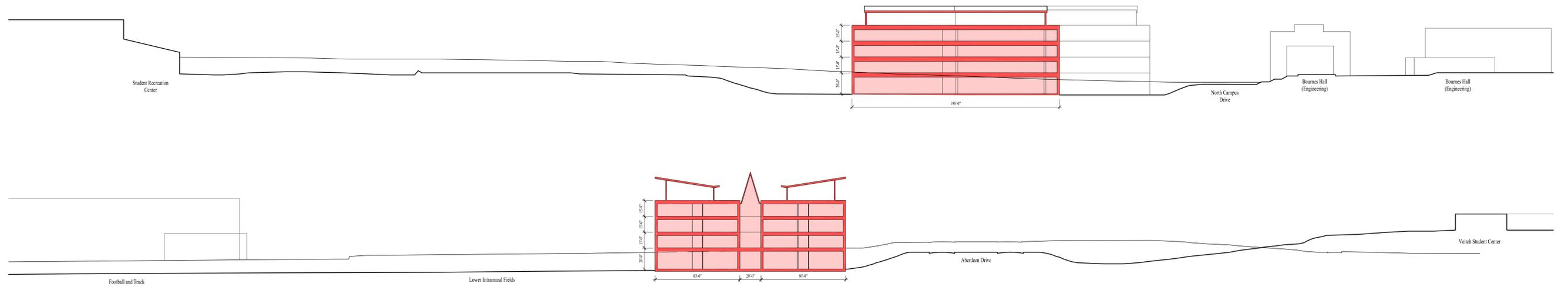
282 STATIONS, 6 HC STATIONS
4,315 sf
3'-2" WIDE TIERS-LOWER
3'-5" WIDE TIERS-UPPER
2'-3" BTWN. STATIONS
20" WIDE x 10' HIGH SCREEN

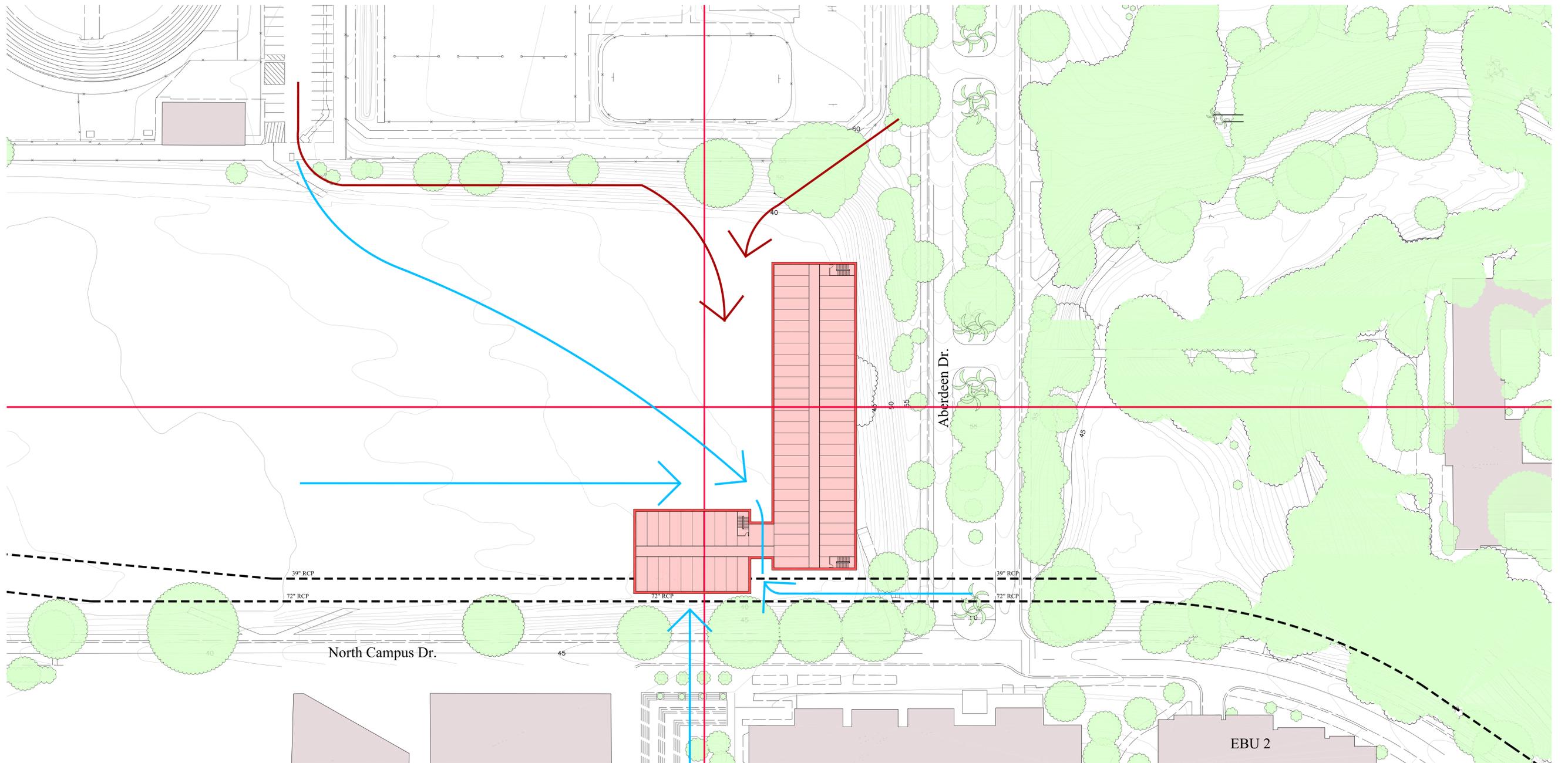
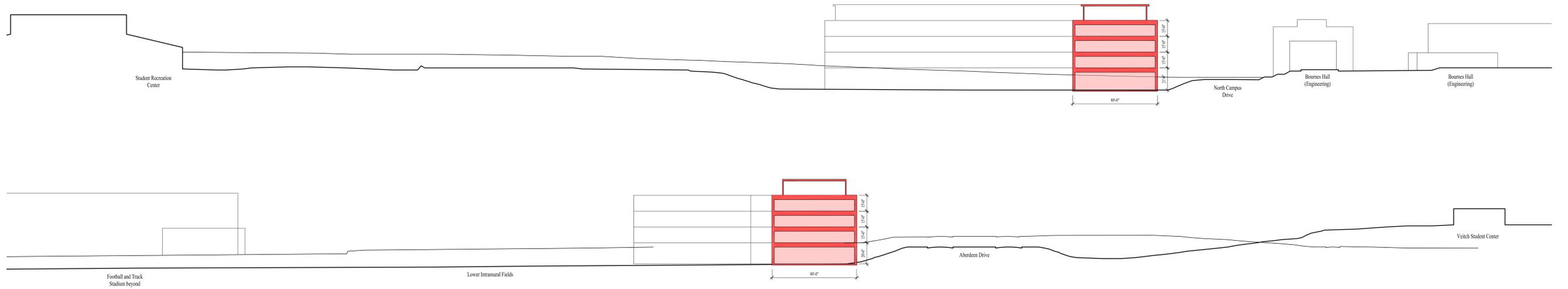
60 STATION CLASSROOM
1,800 sf @ 30 asf / station

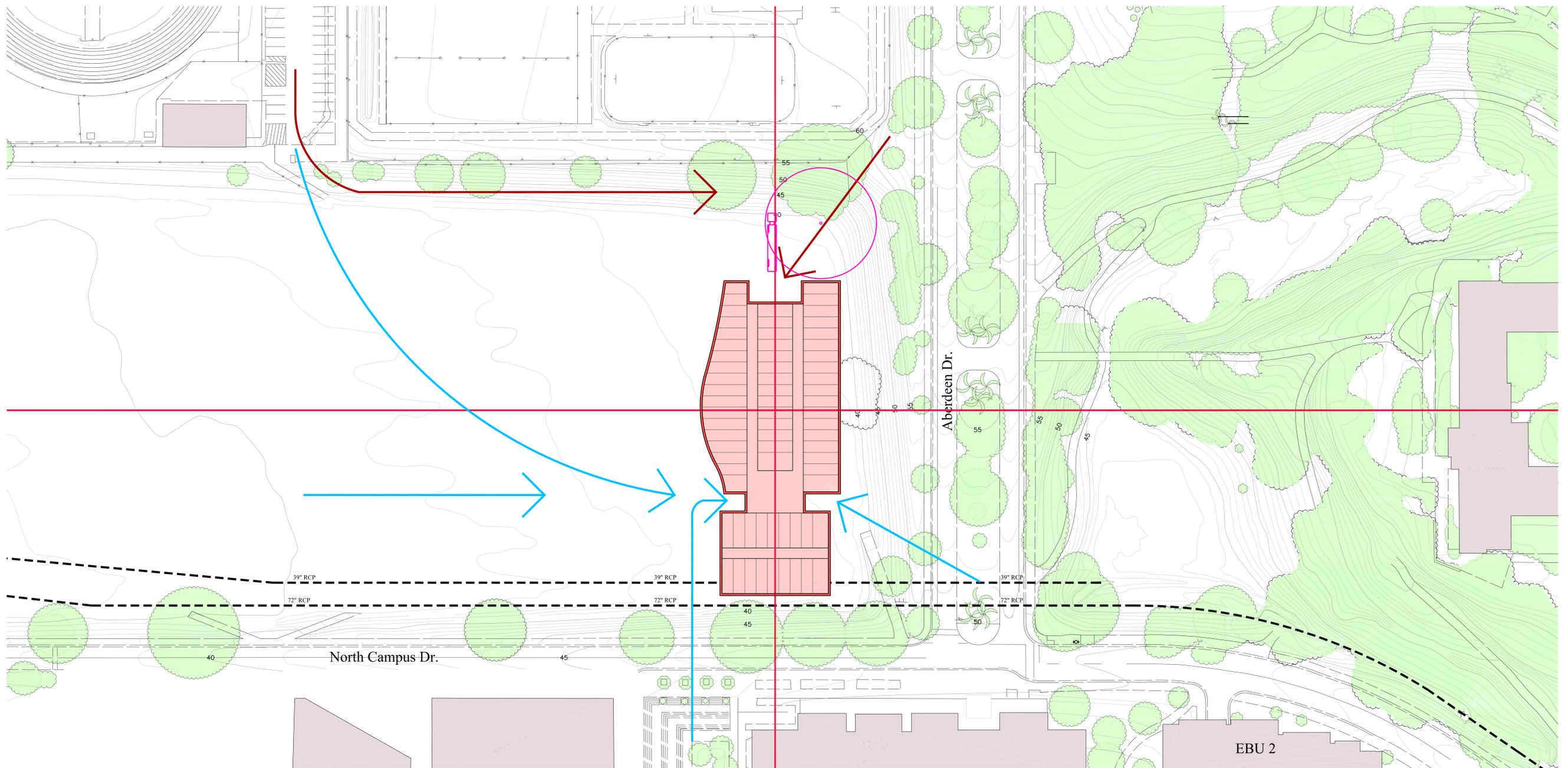
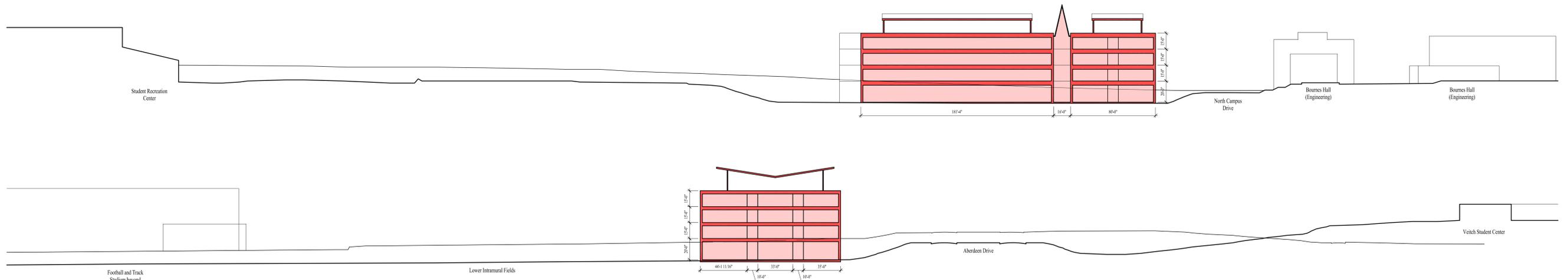
60 STATIONS, 0 HC STATIONS
1,800 sf
2'-0" DESK, 2'-9" CLEAR BTWN. DESKS
2'-3" BTWN. STATIONS
6" WIDE x 6' HIGH SCREEN

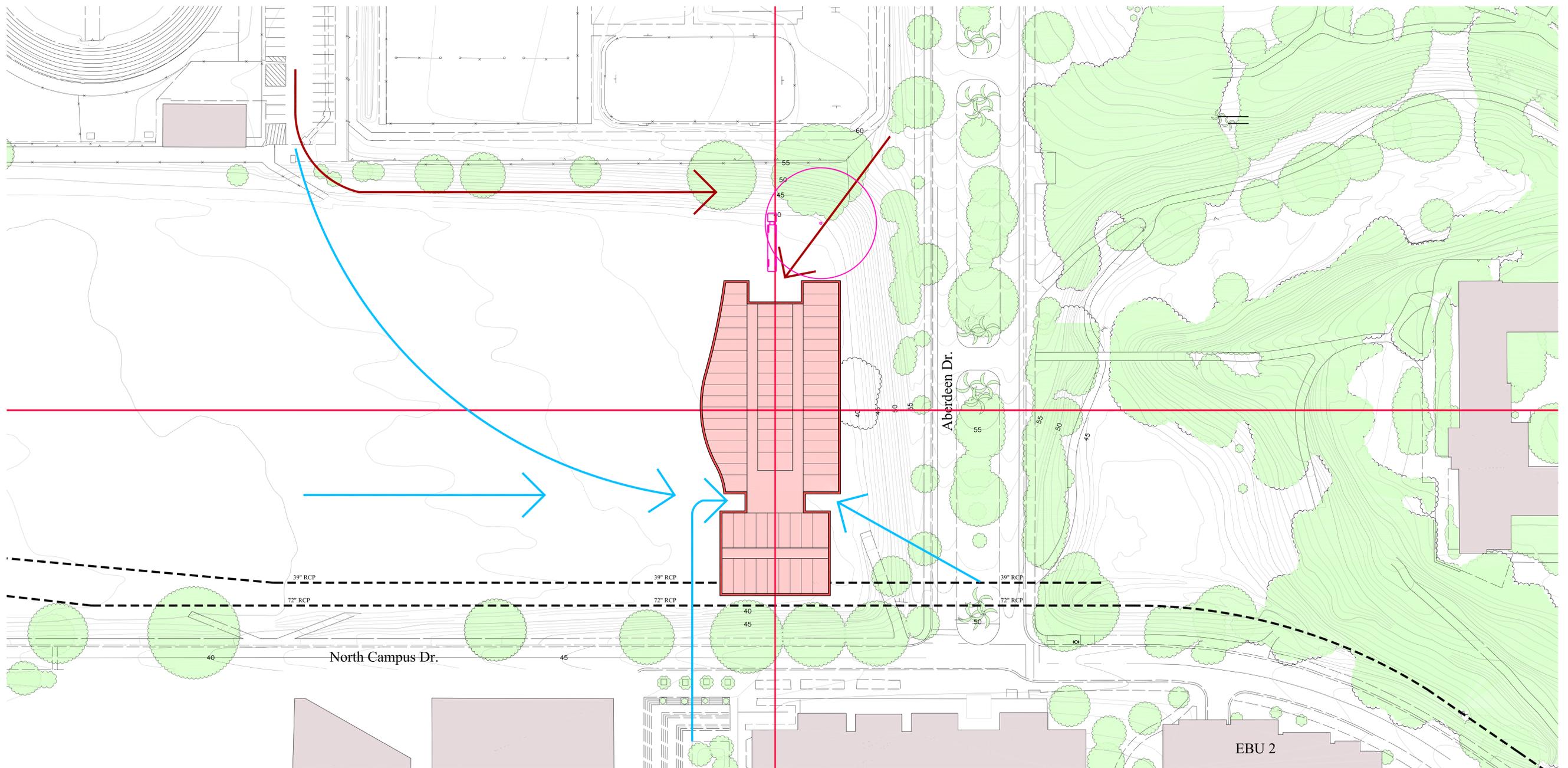
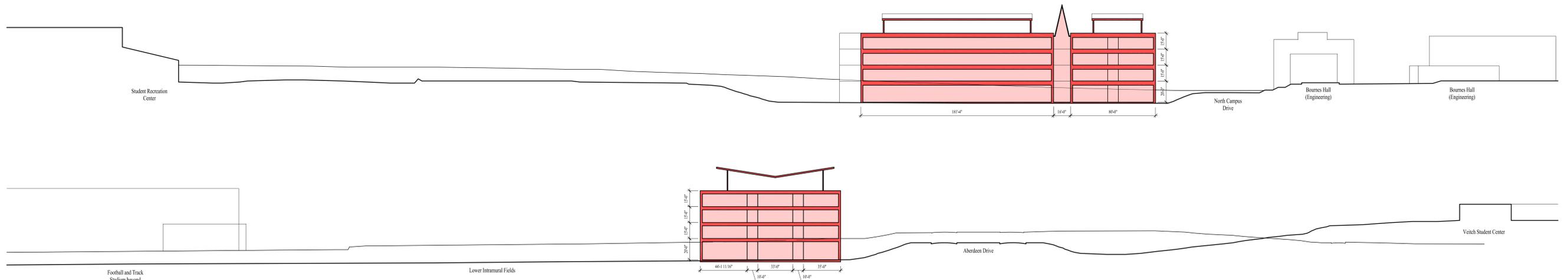
30 STATION CLASSROOM
900 sf @ 30 asf / station

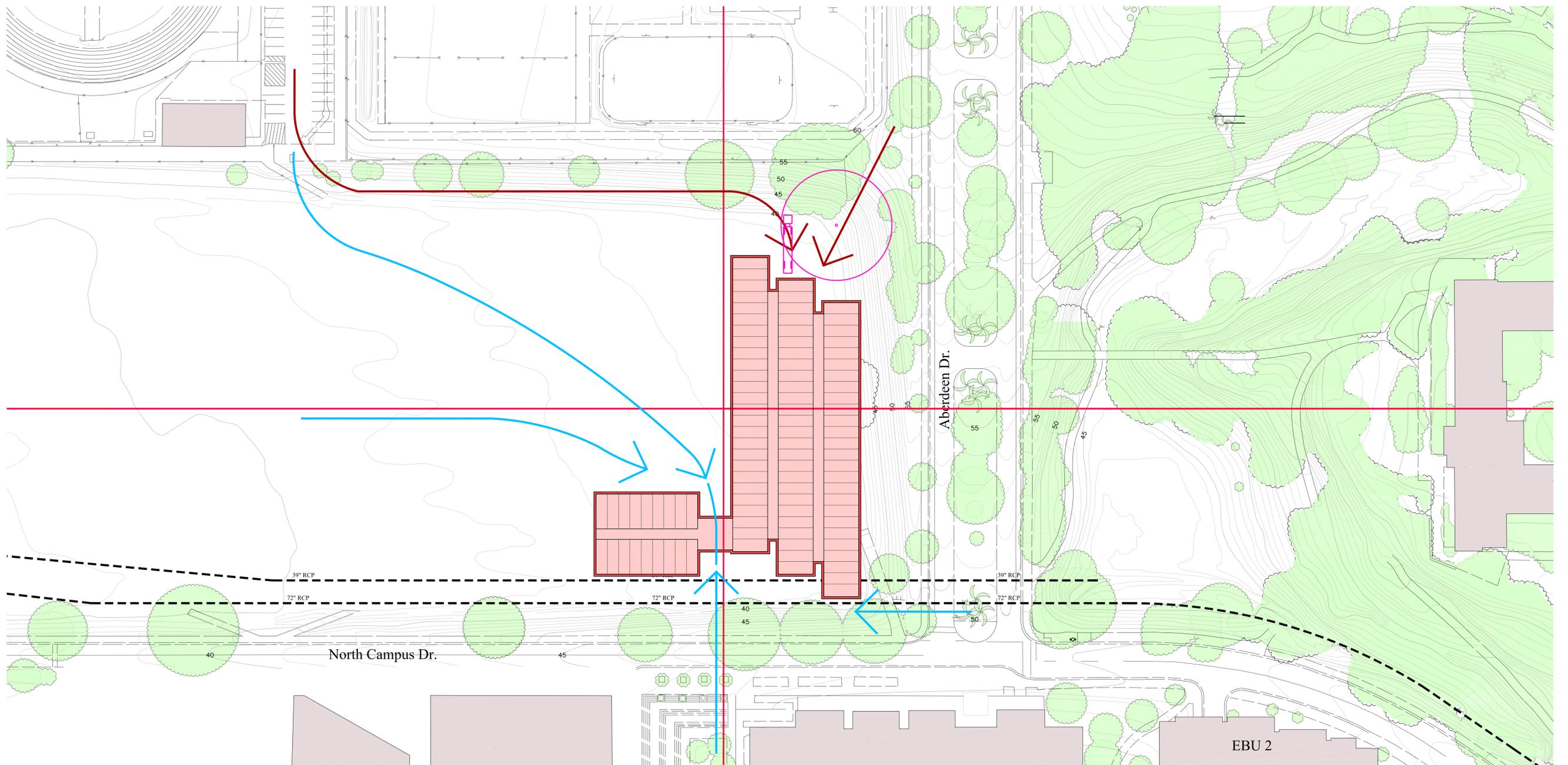
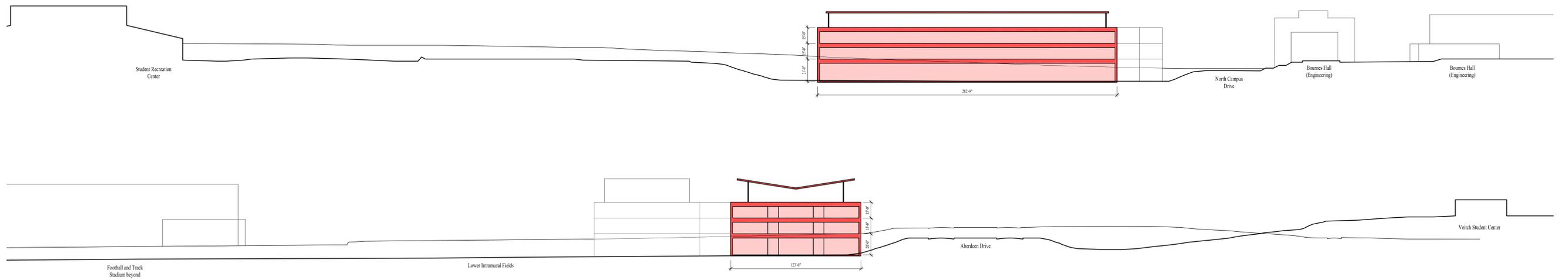
30 STATIONS, 0 HC STATIONS
900 sf
2'-0" DESK, 2'-9" CLEAR BTWN. DESKS
2'-3" BTWN. STATIONS
5'-2" WIDE x 5' HIGH SCREEN

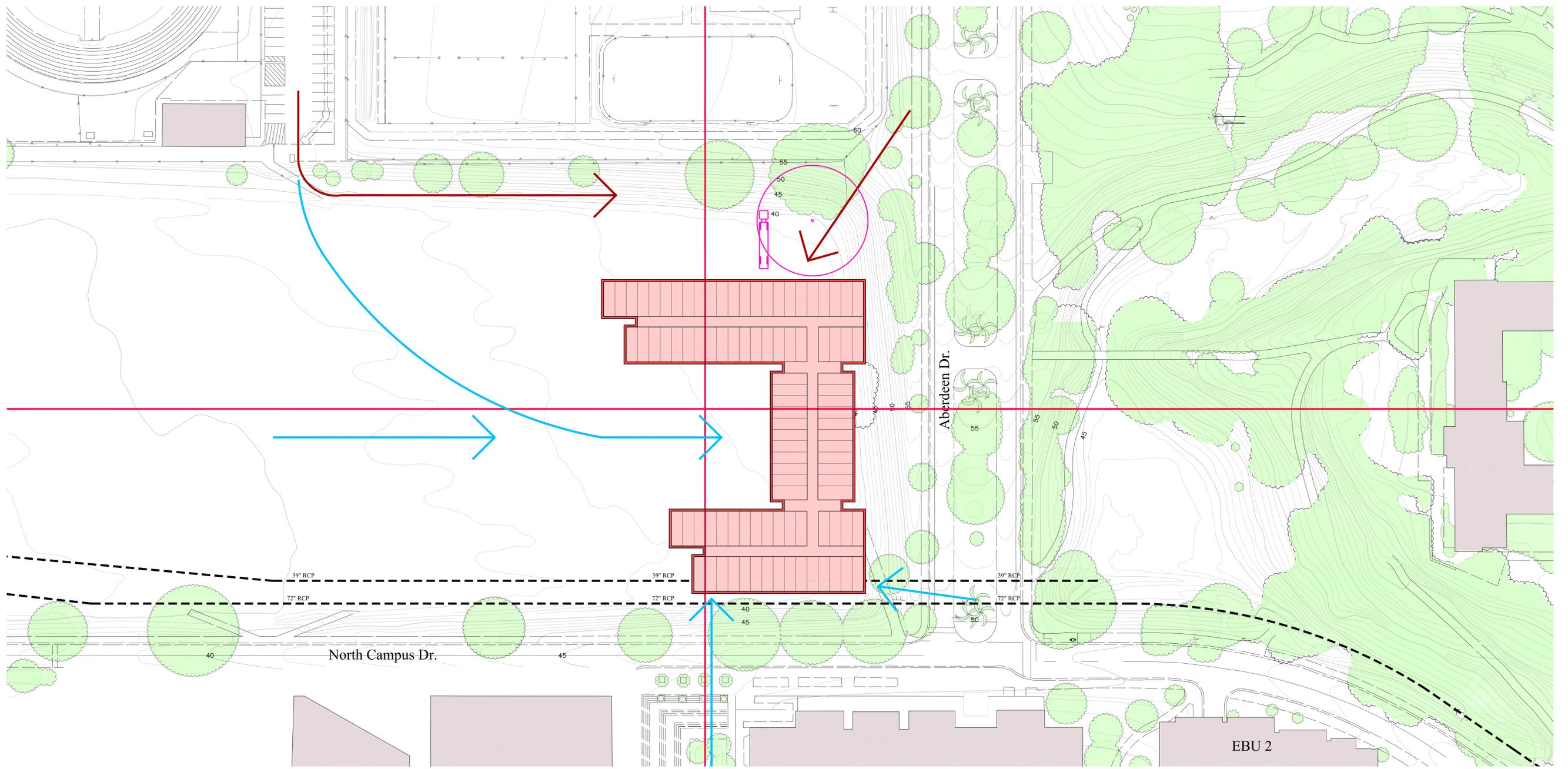
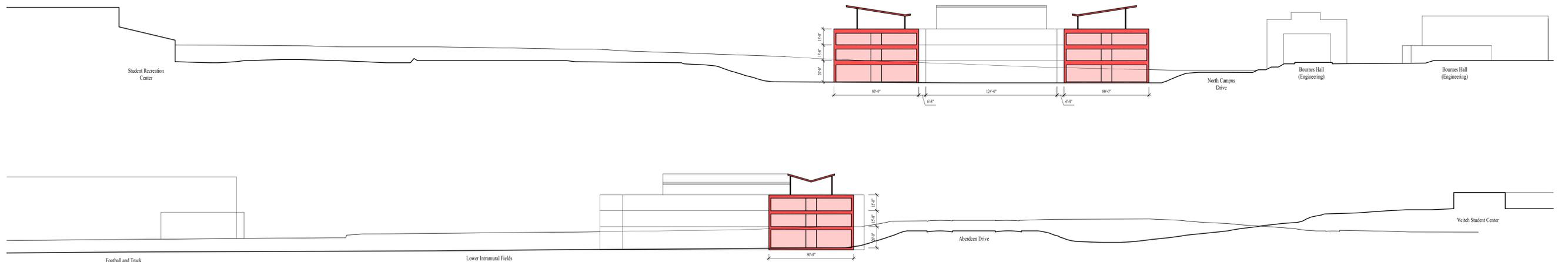


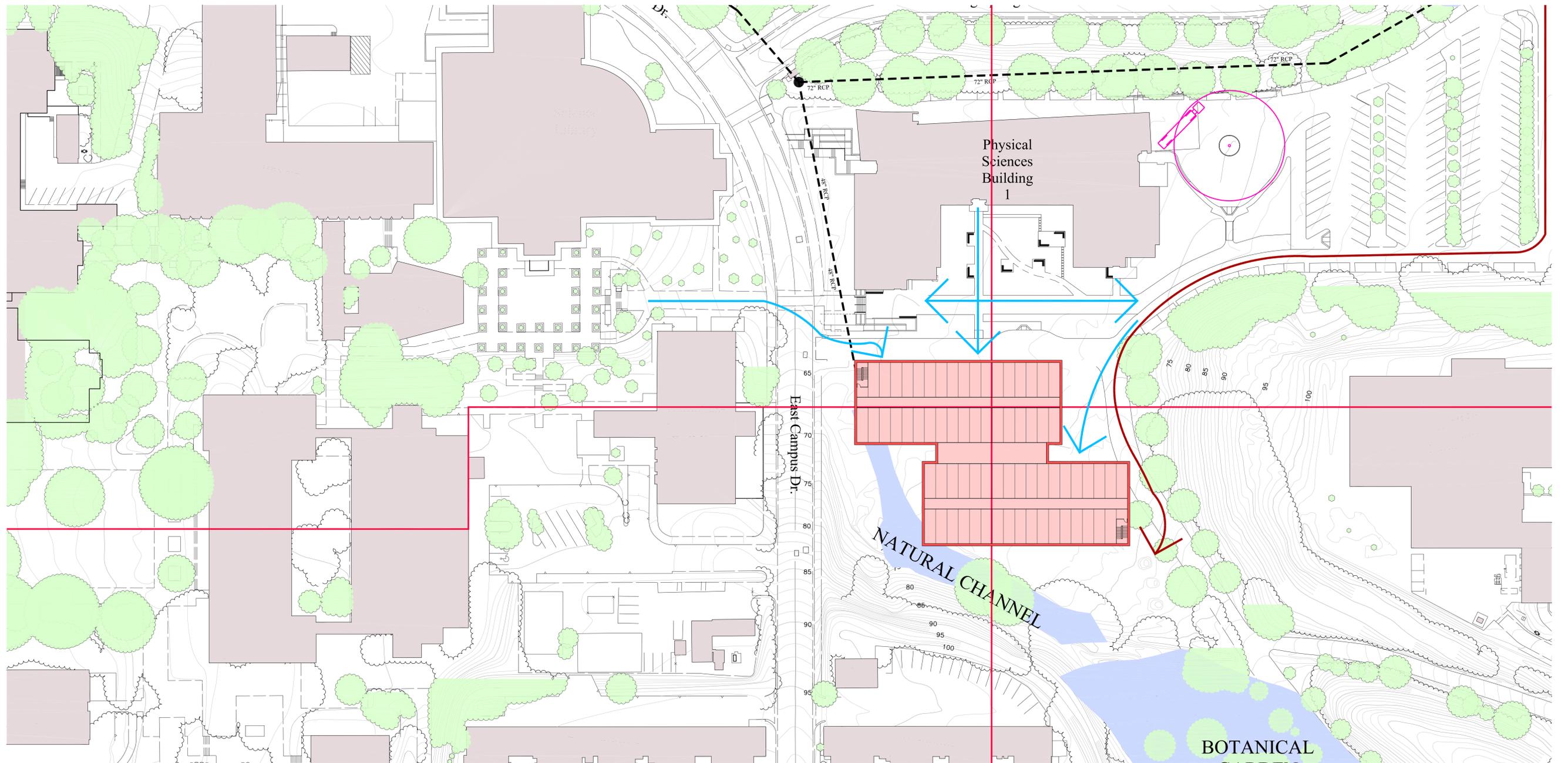
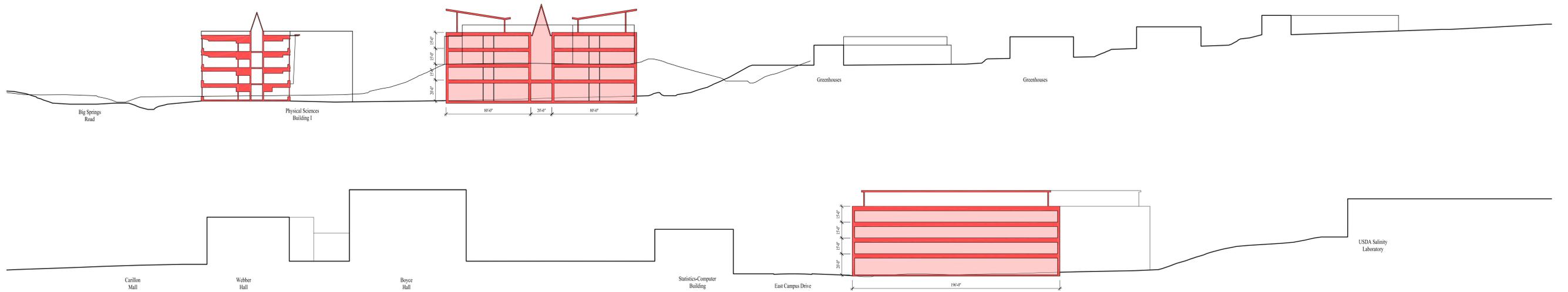


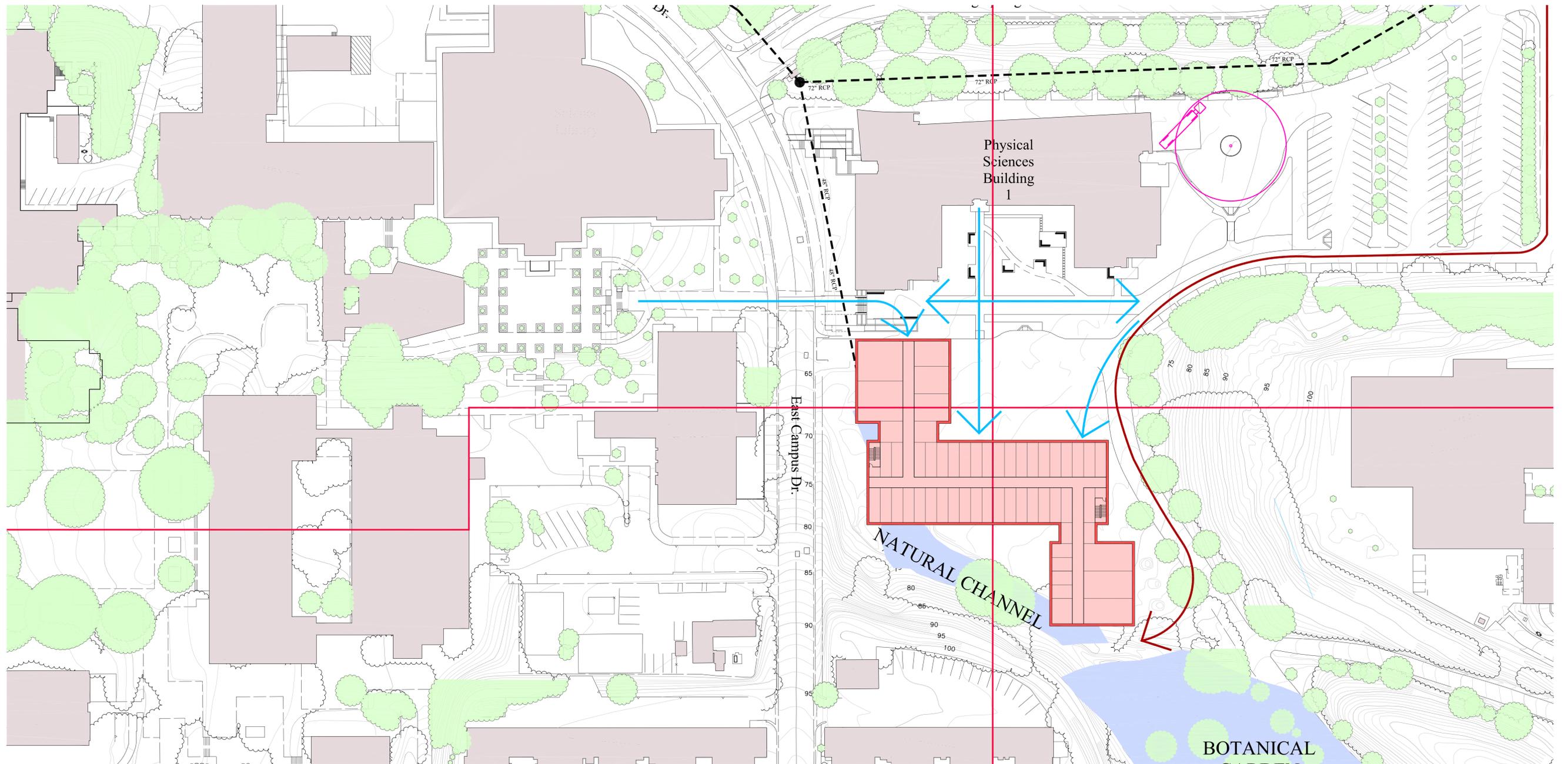
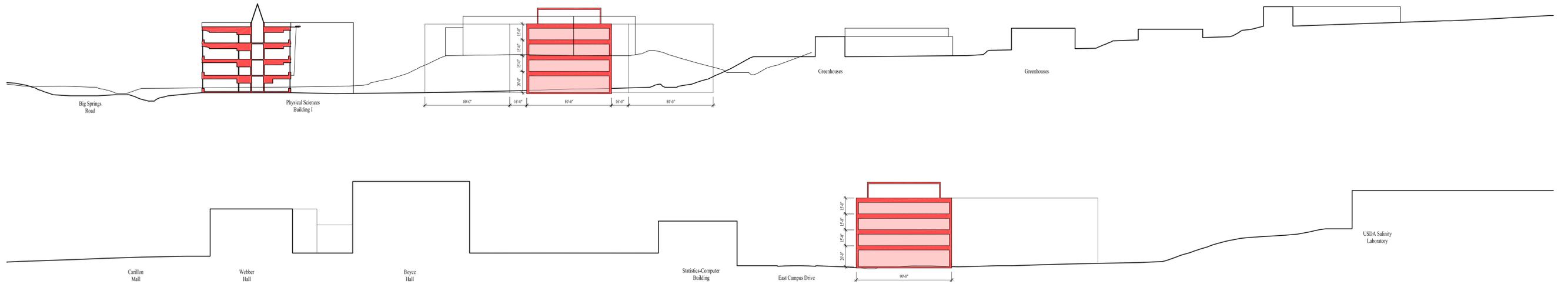


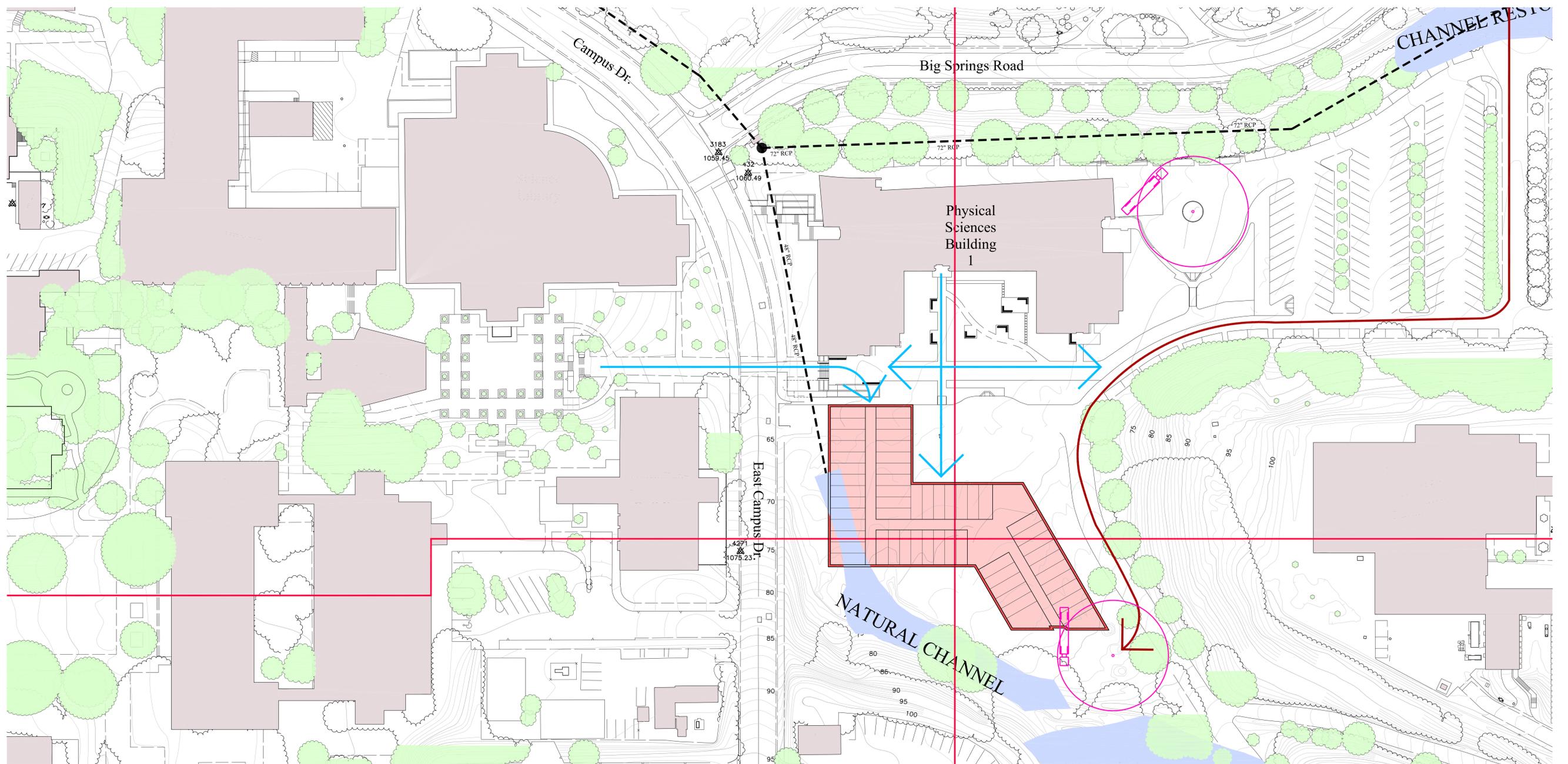
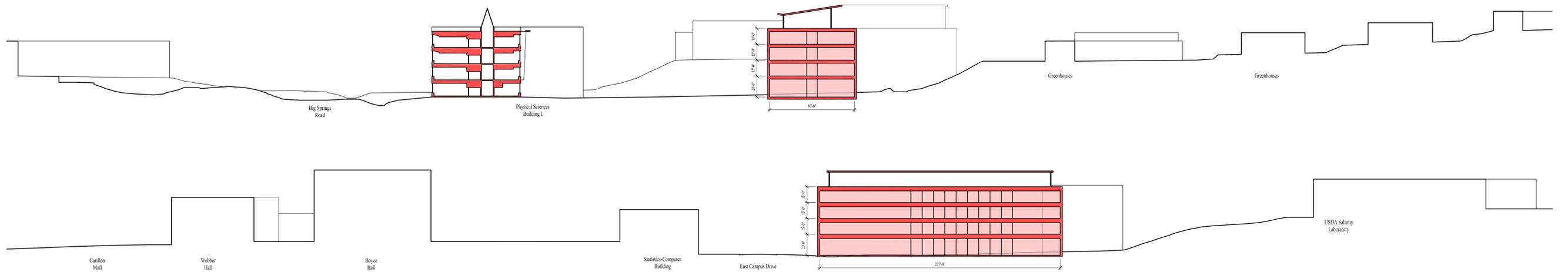


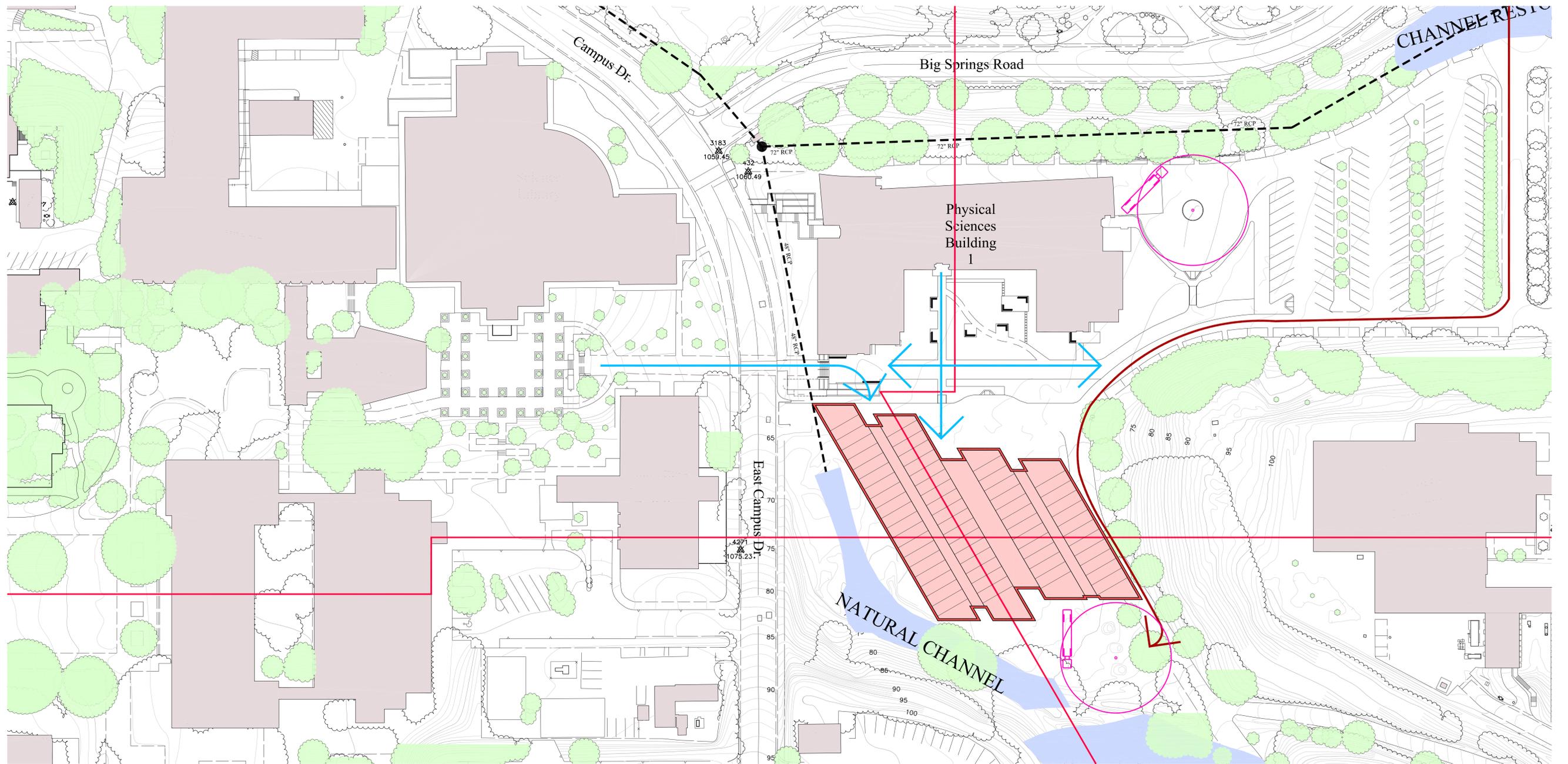
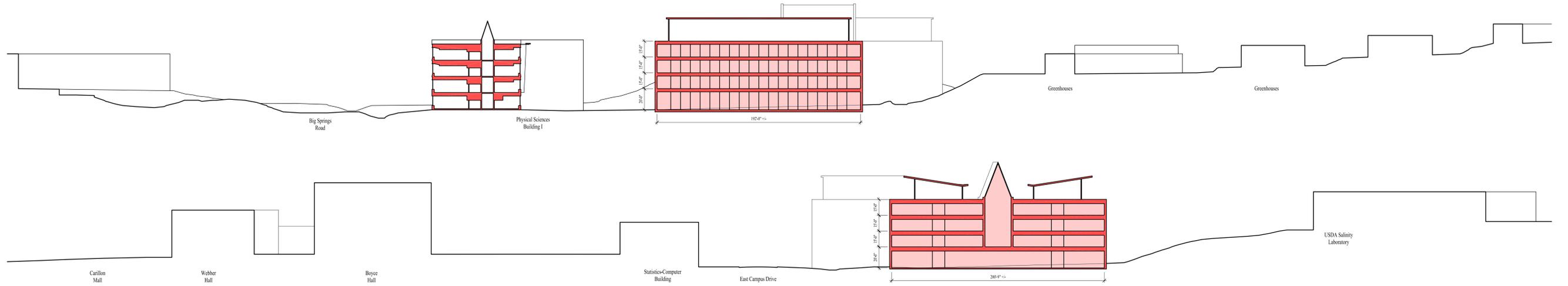


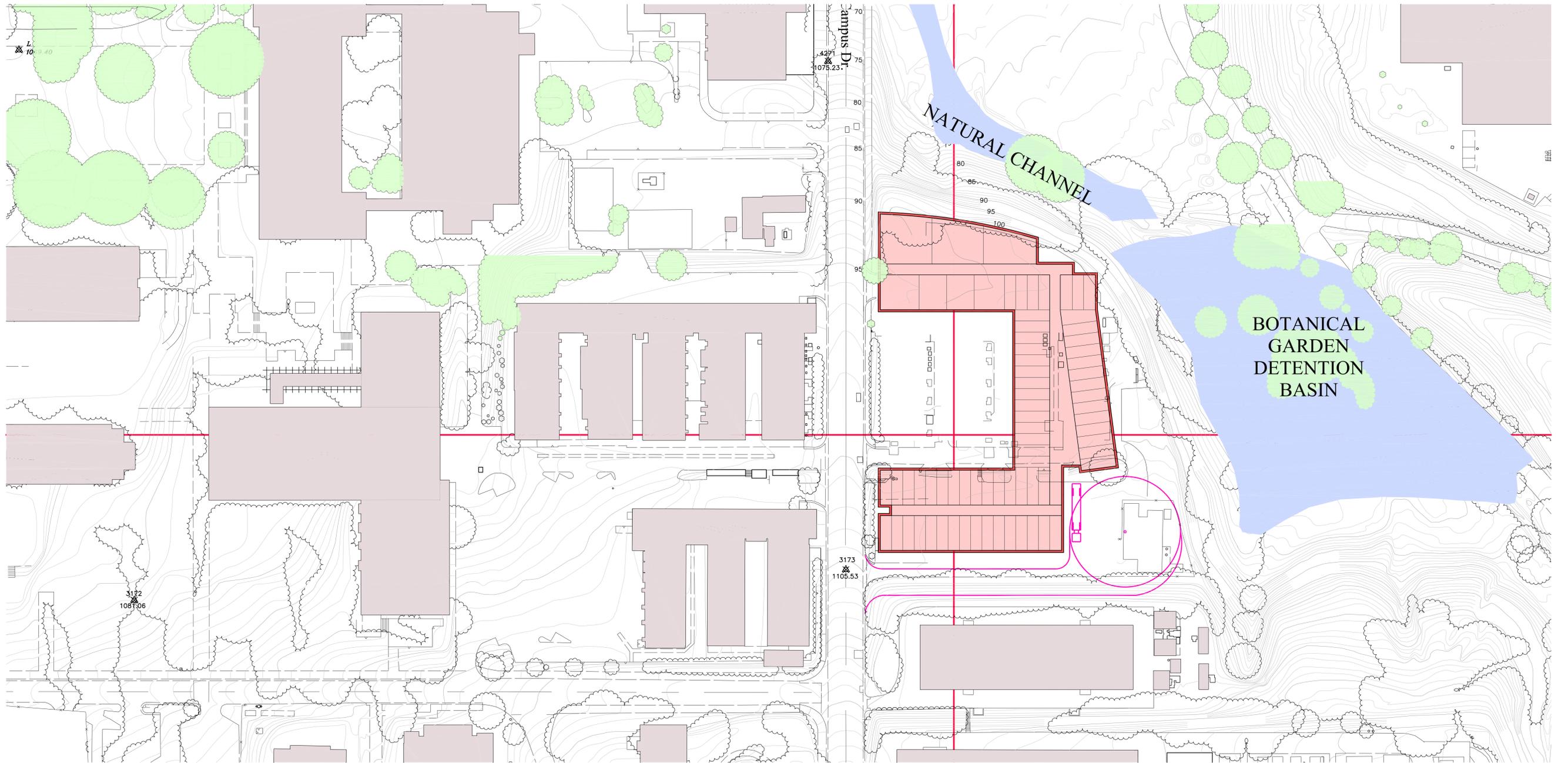
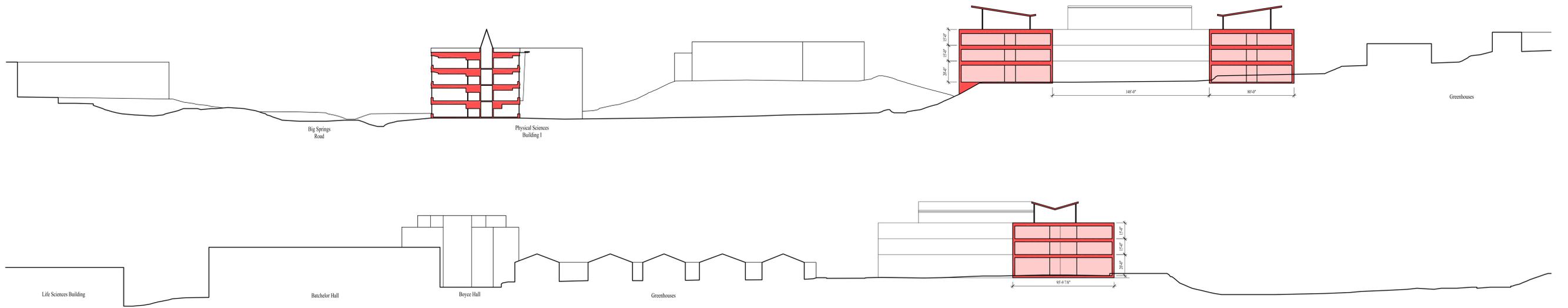


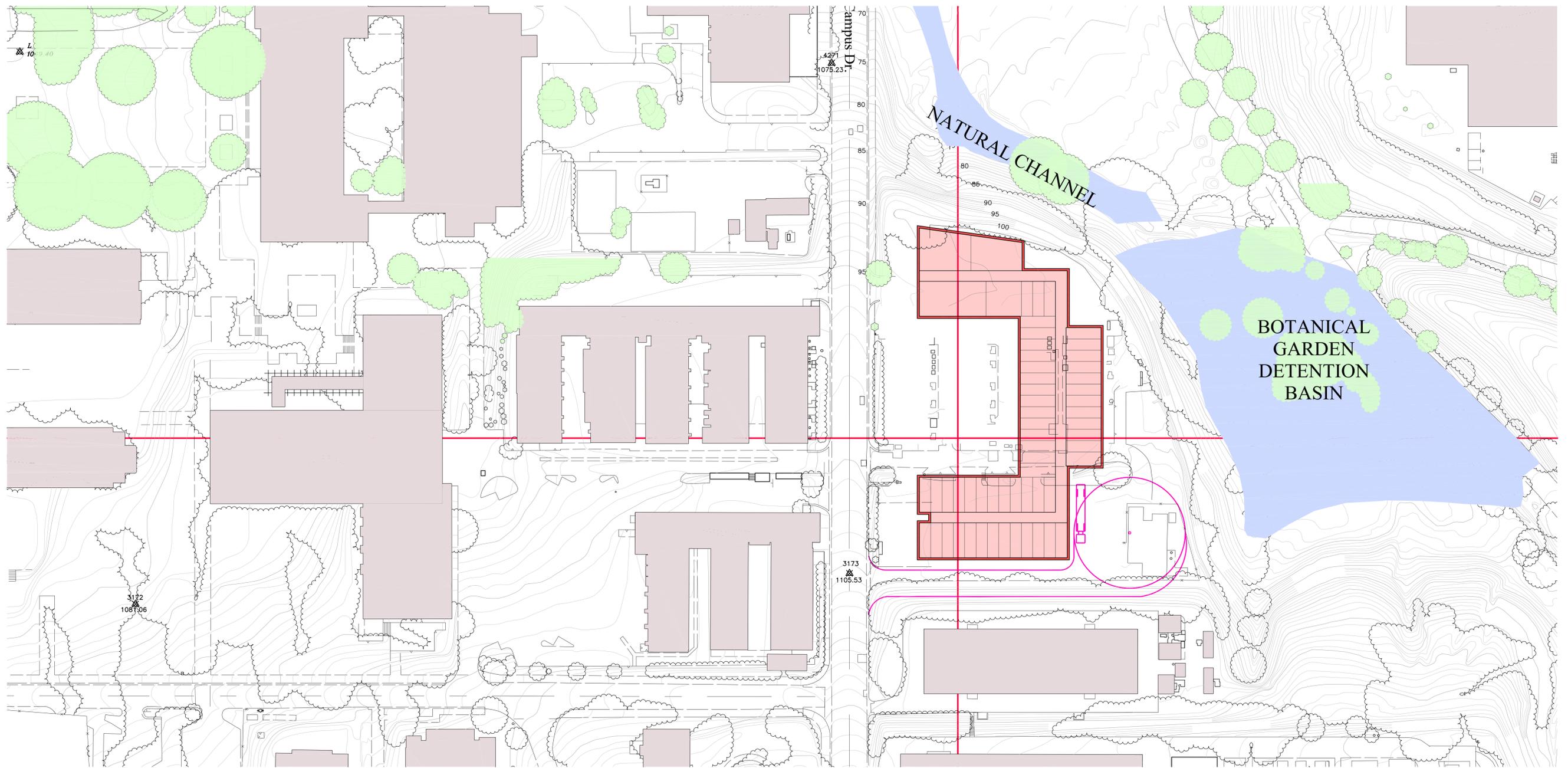
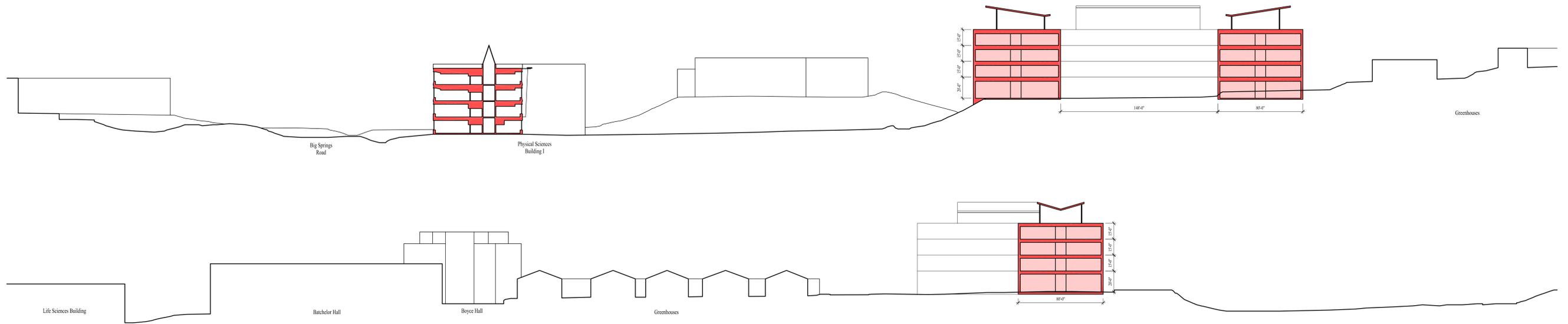


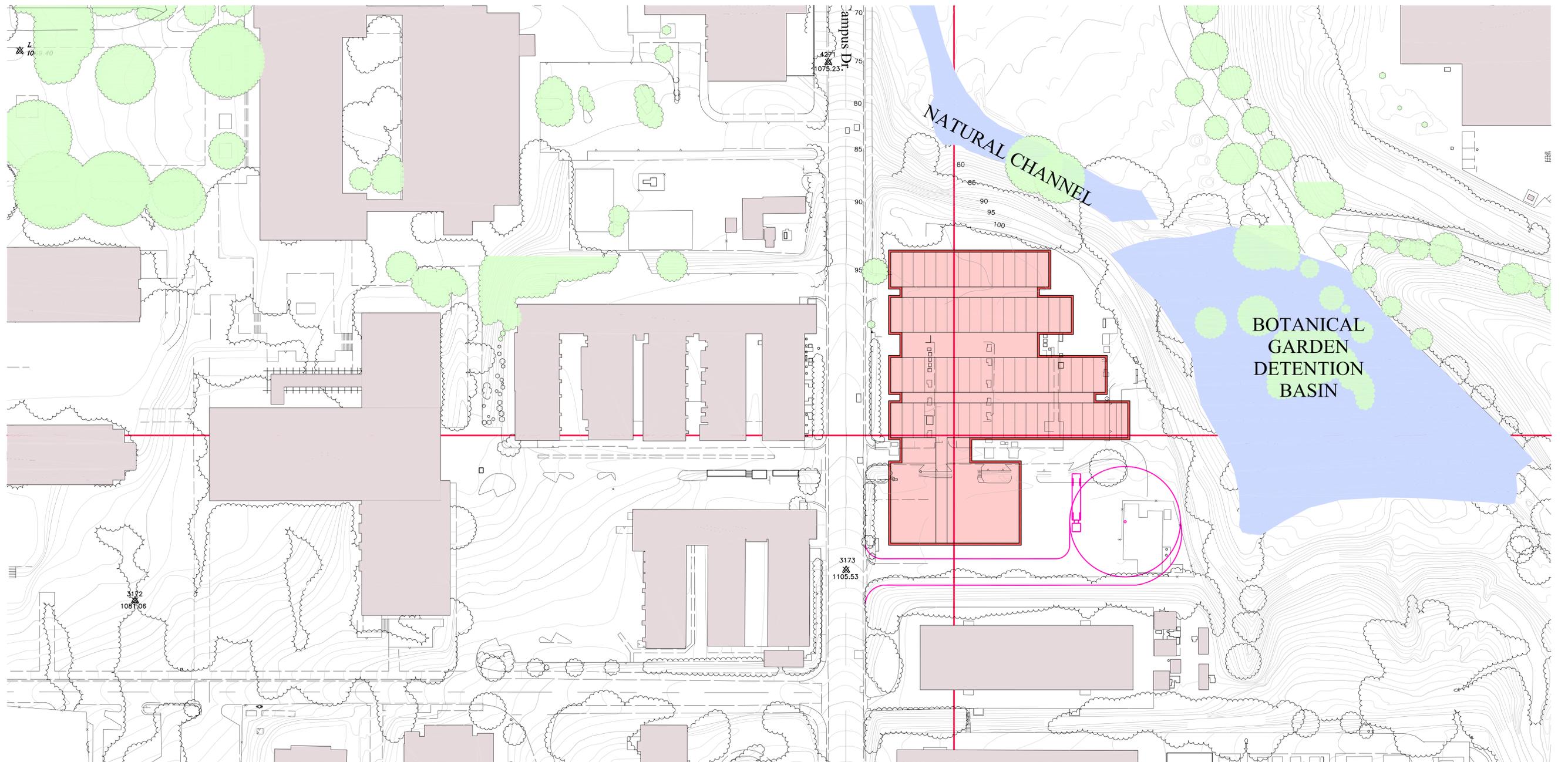
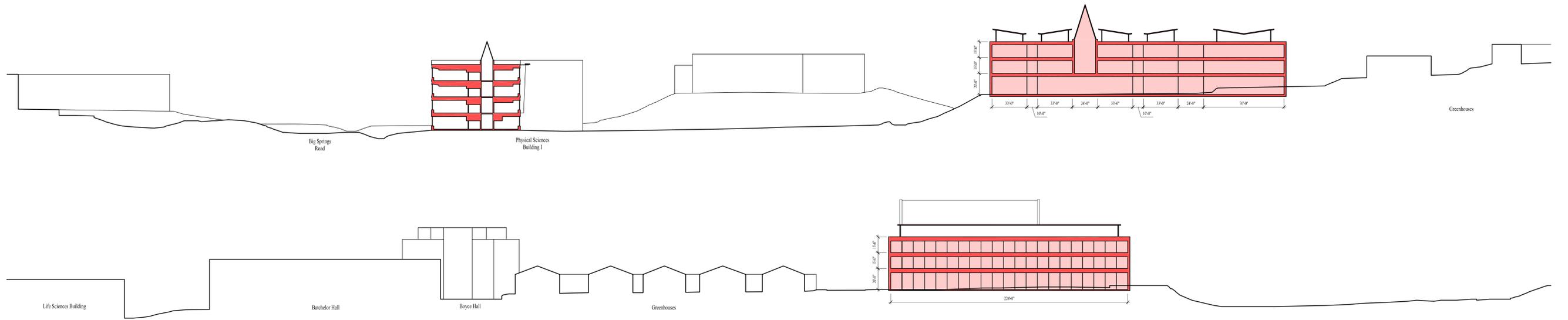


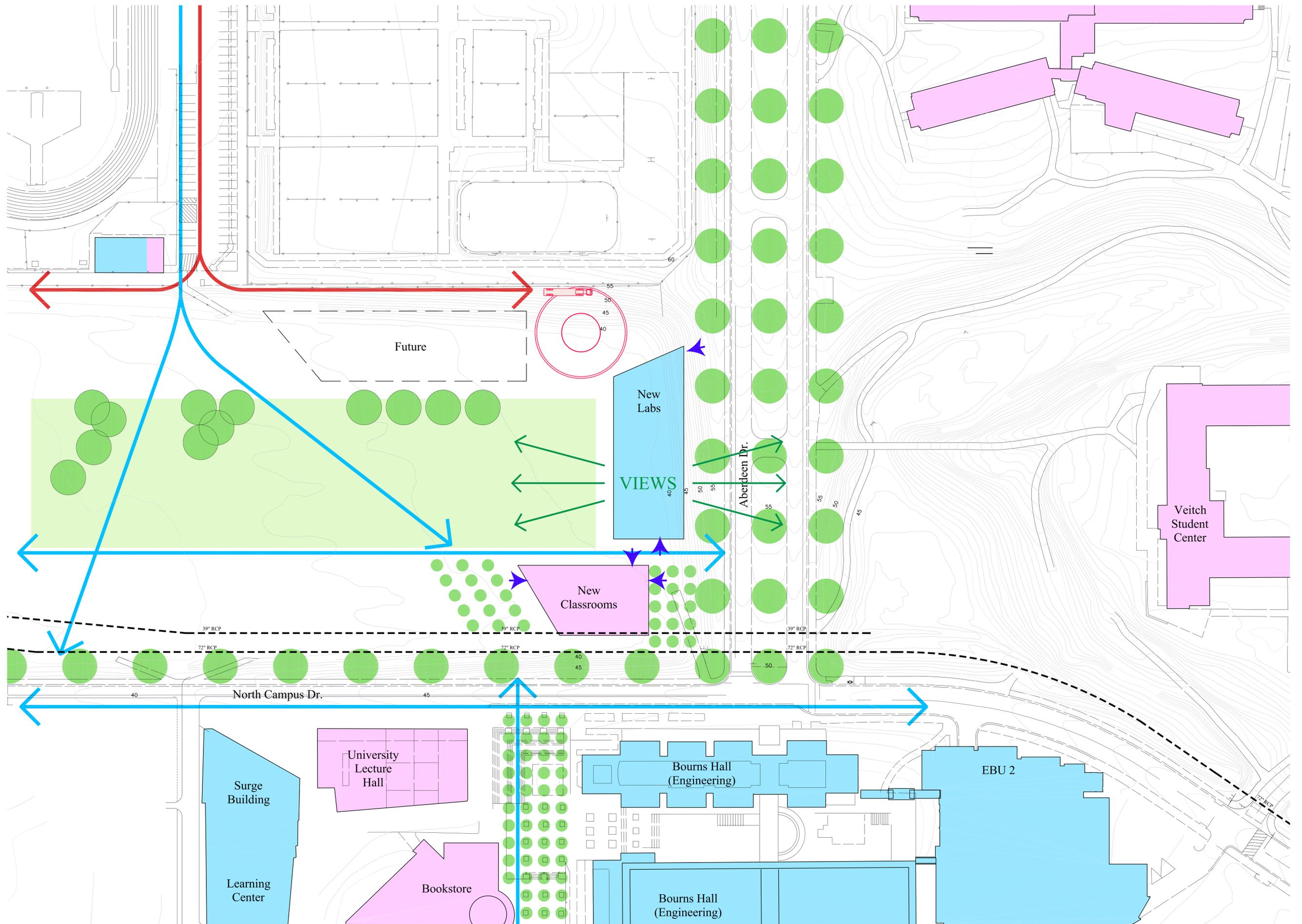


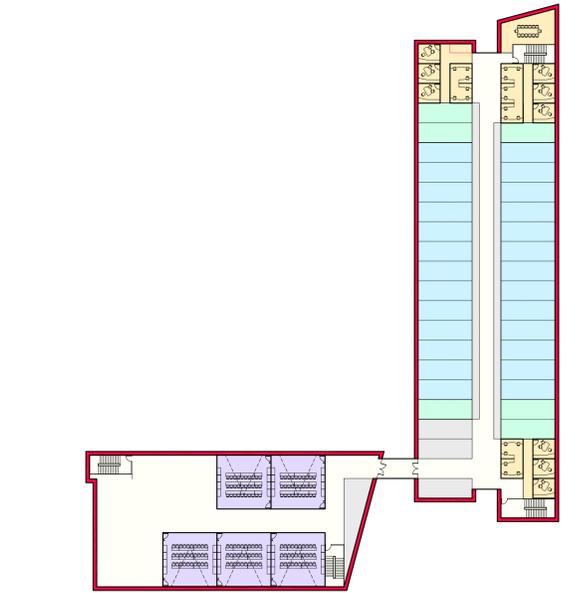
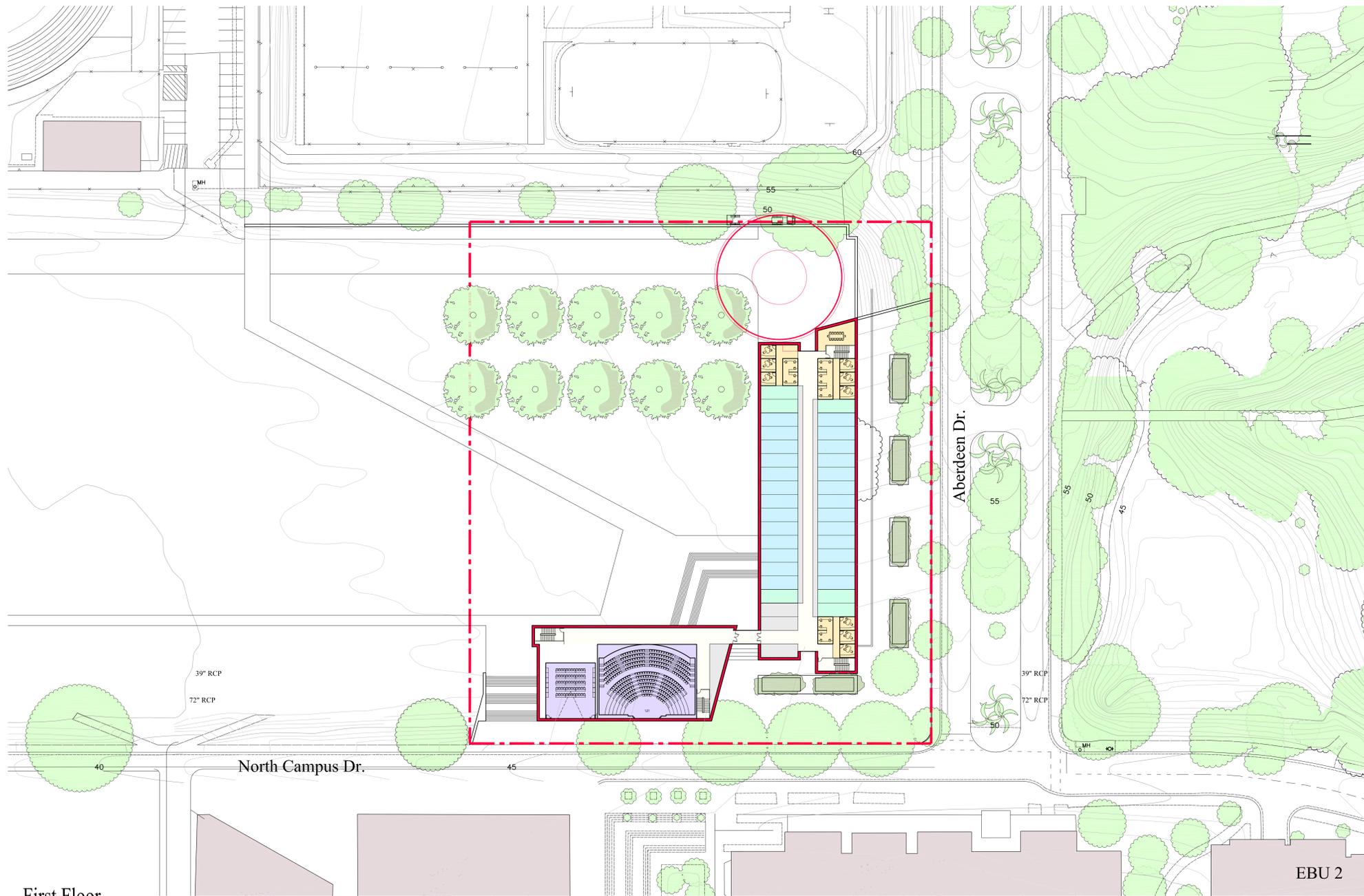
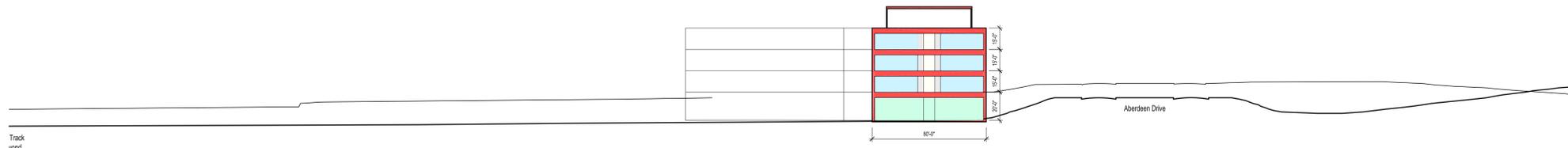
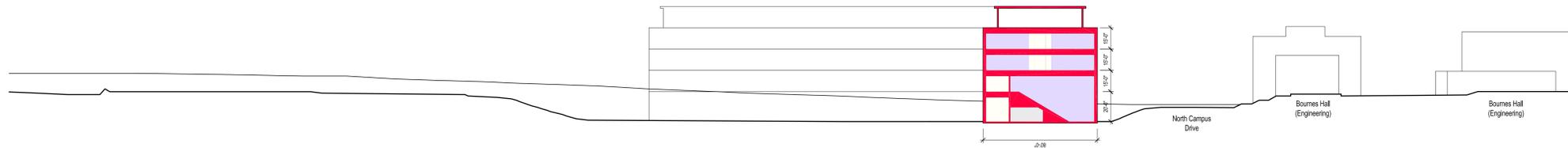




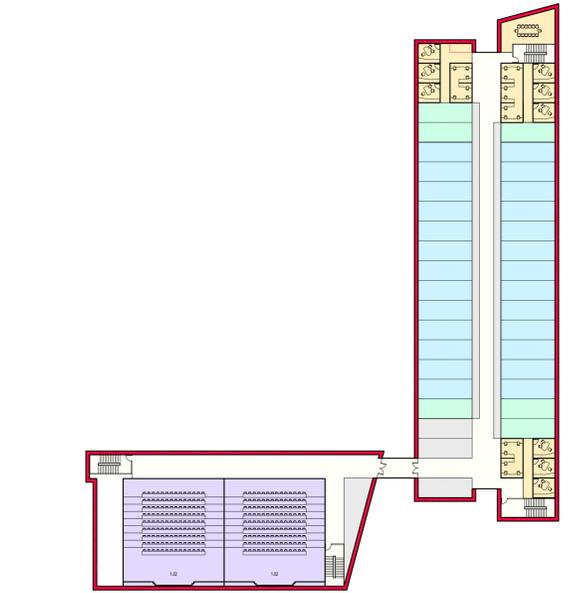




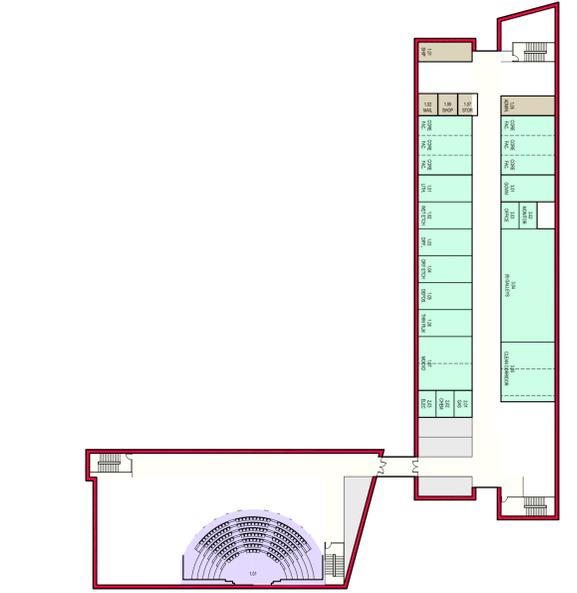




Third Floor

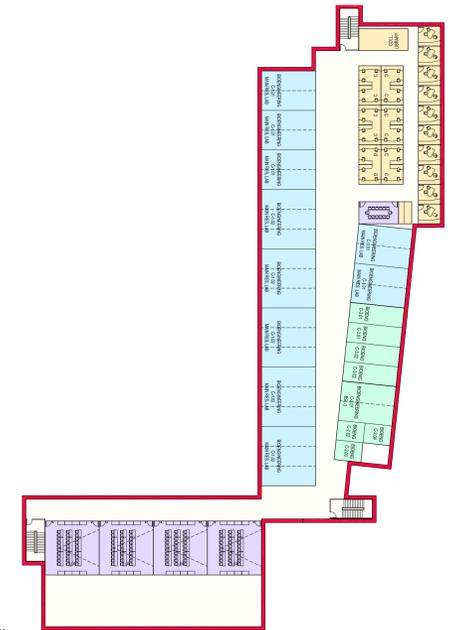
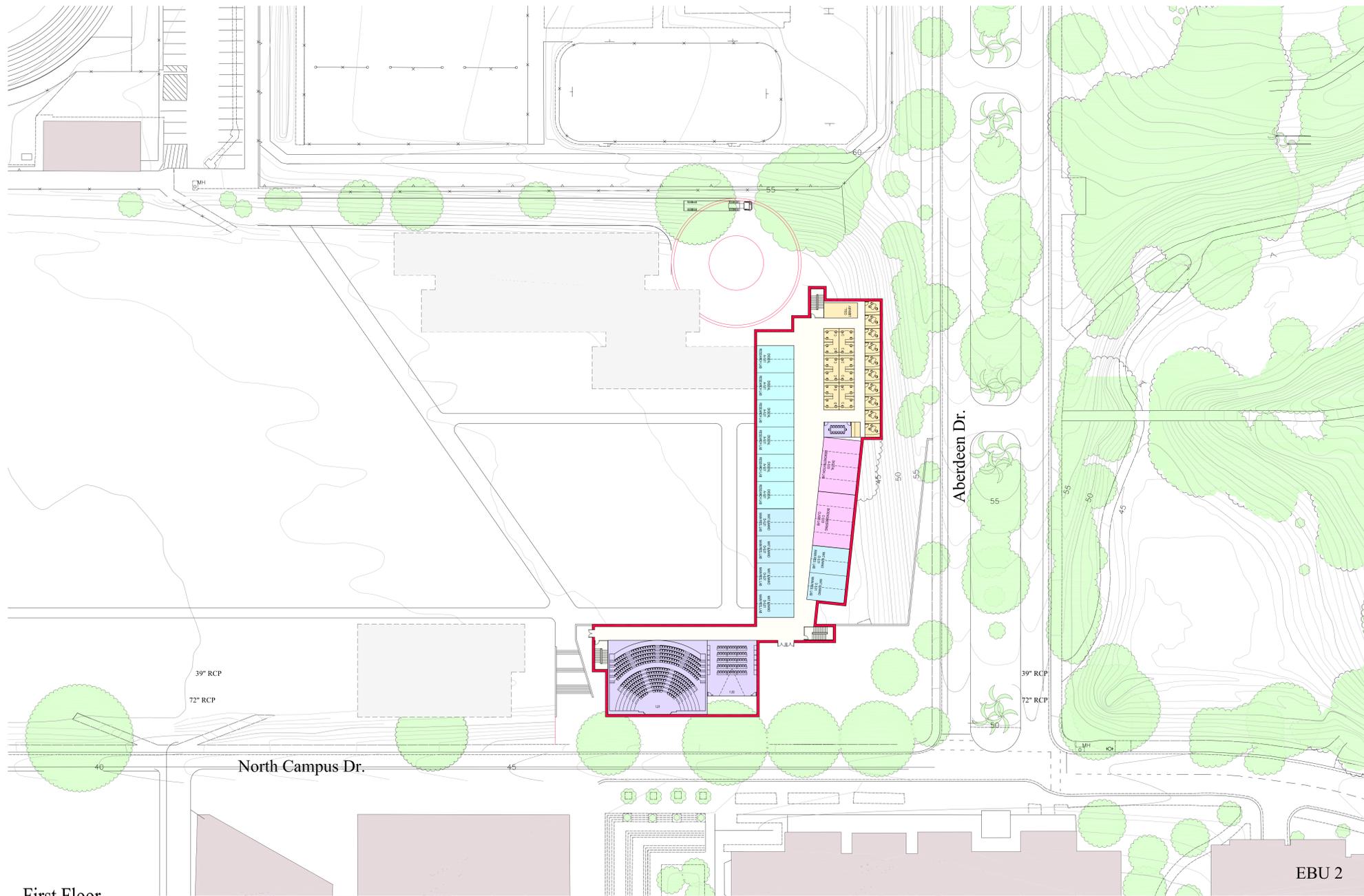
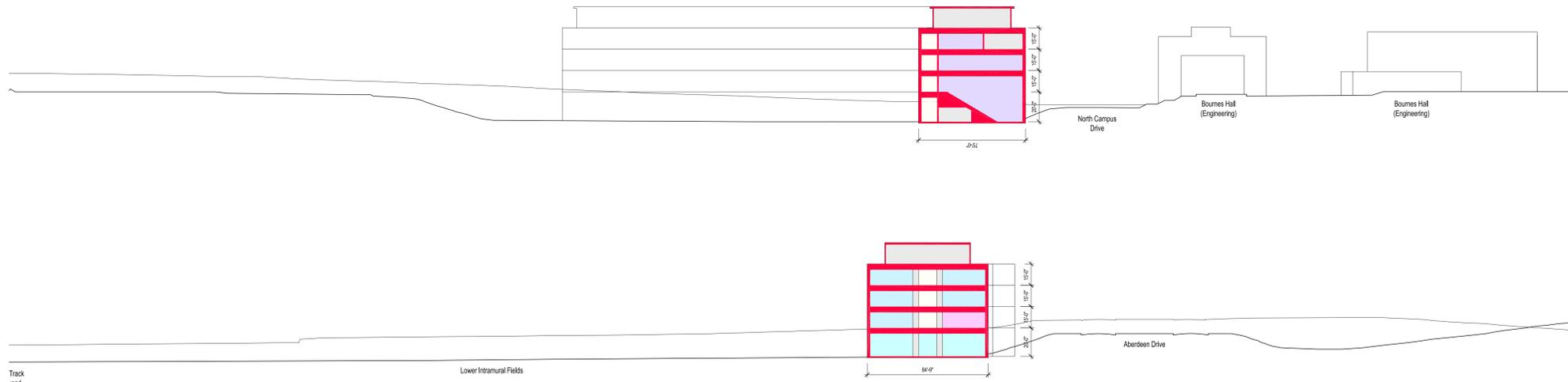


Second Floor

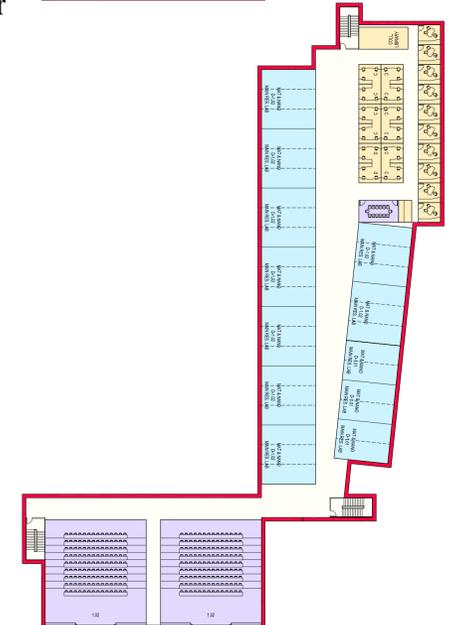


Ground Floor

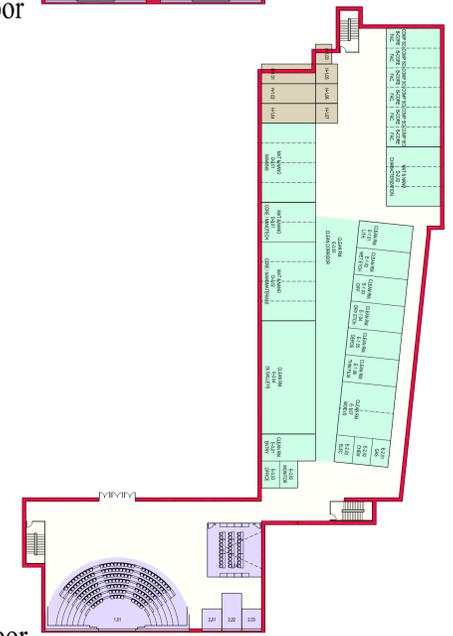
First Floor



Third Floor



Second Floor

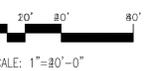


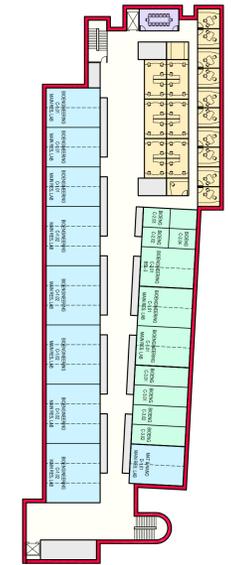
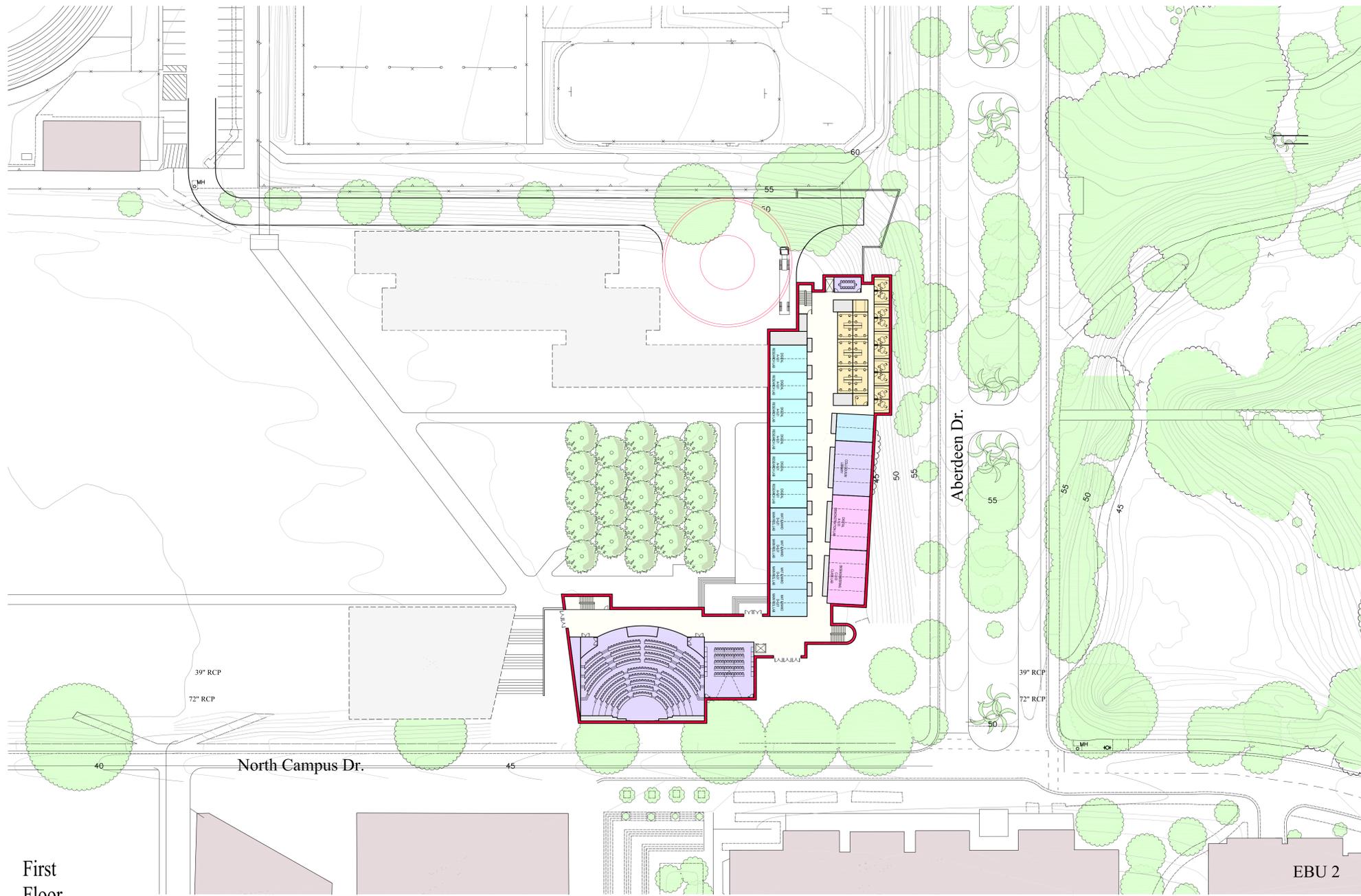
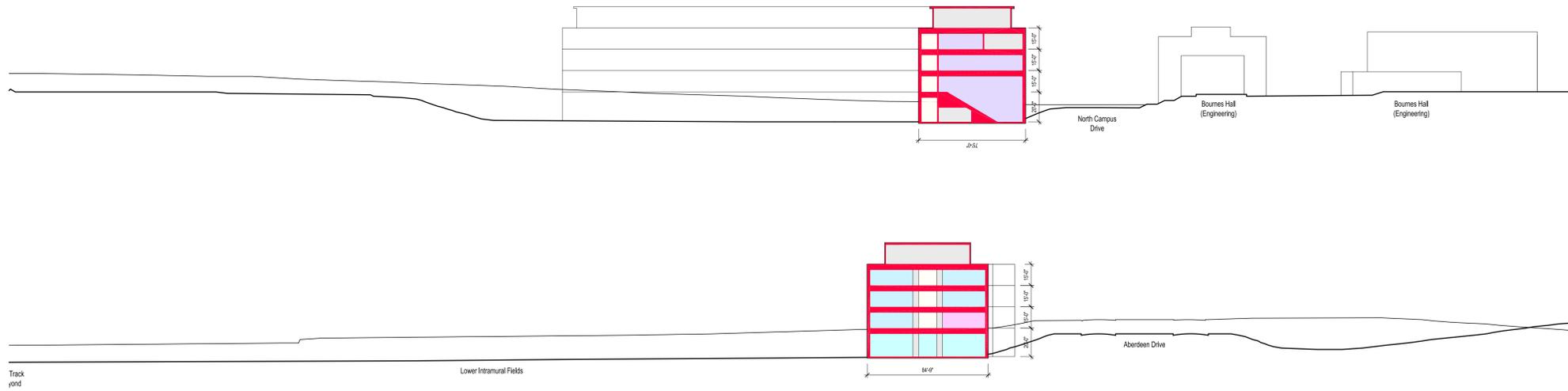
Ground Floor

First Floor

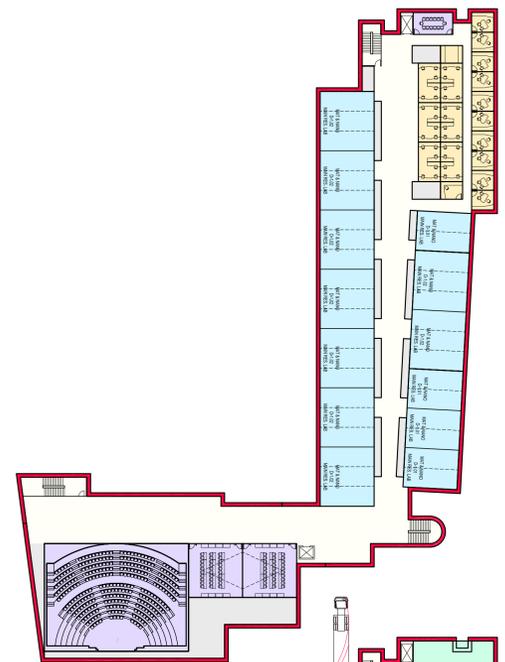
OPTION 1 - 33,250 SF / FLOOR
- 133,000 SF TOTAL

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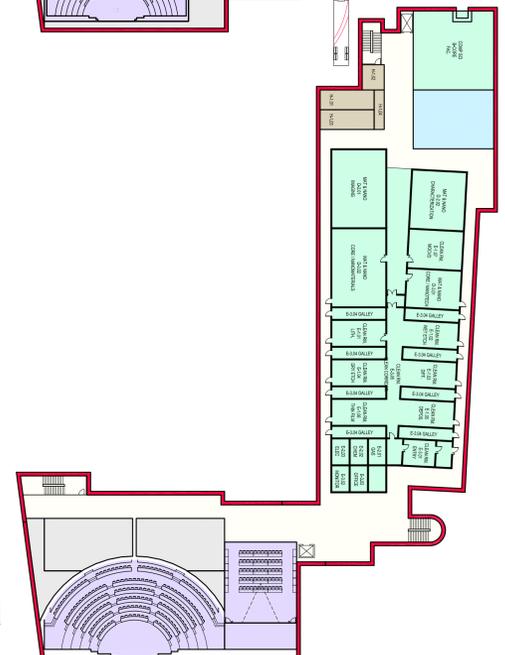




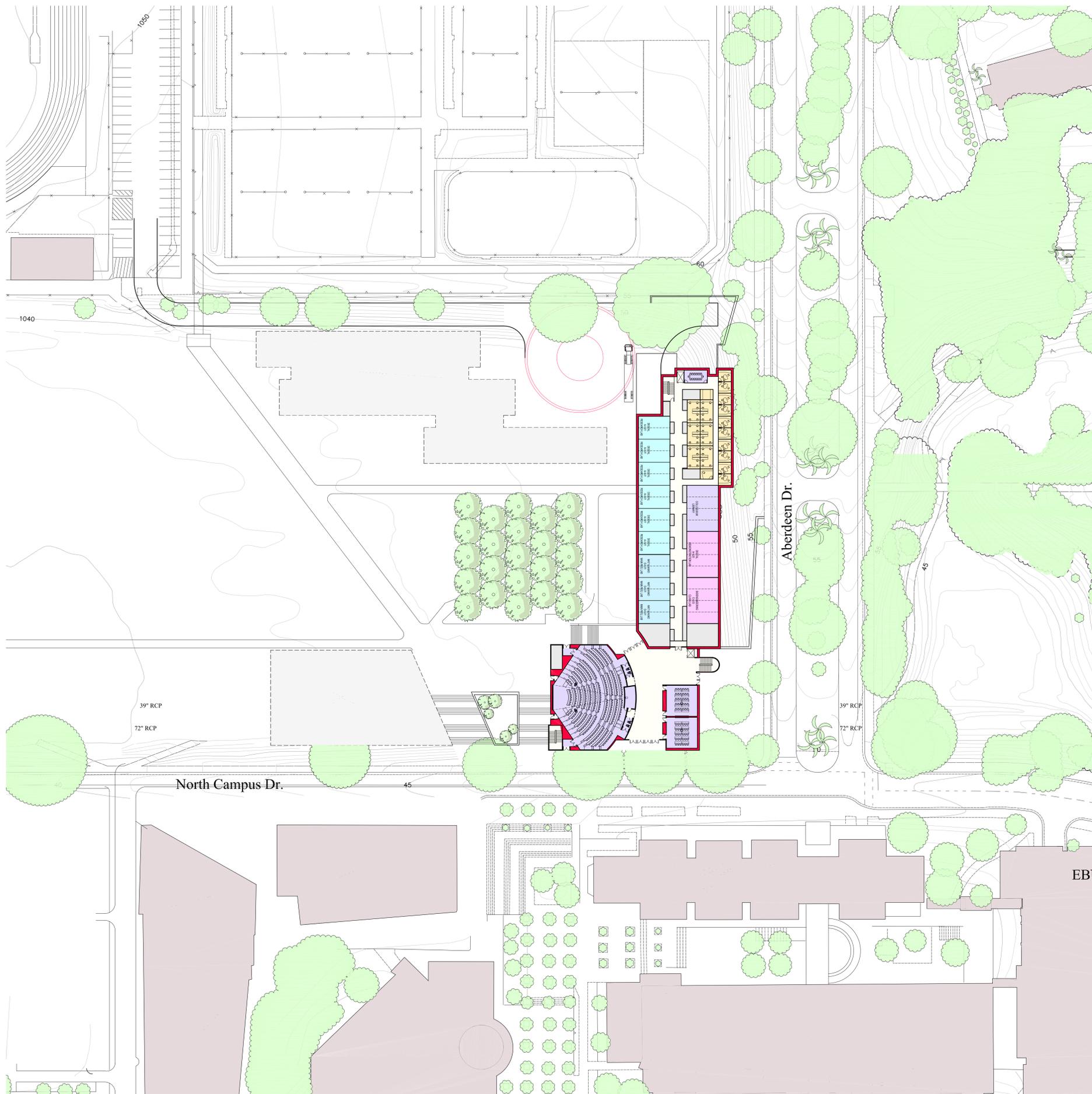
Third Floor



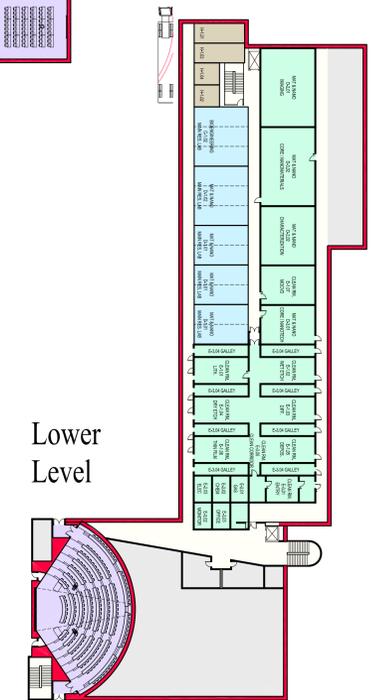
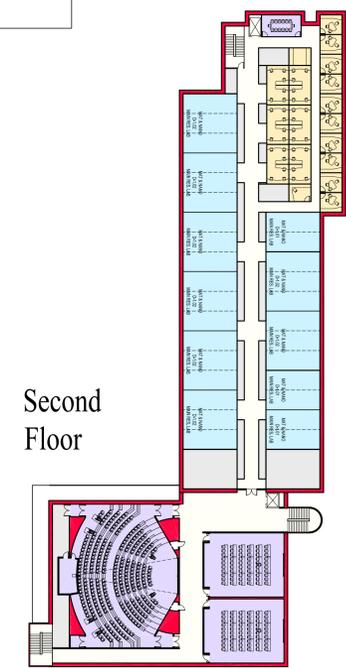
Second Floor



Ground Floor



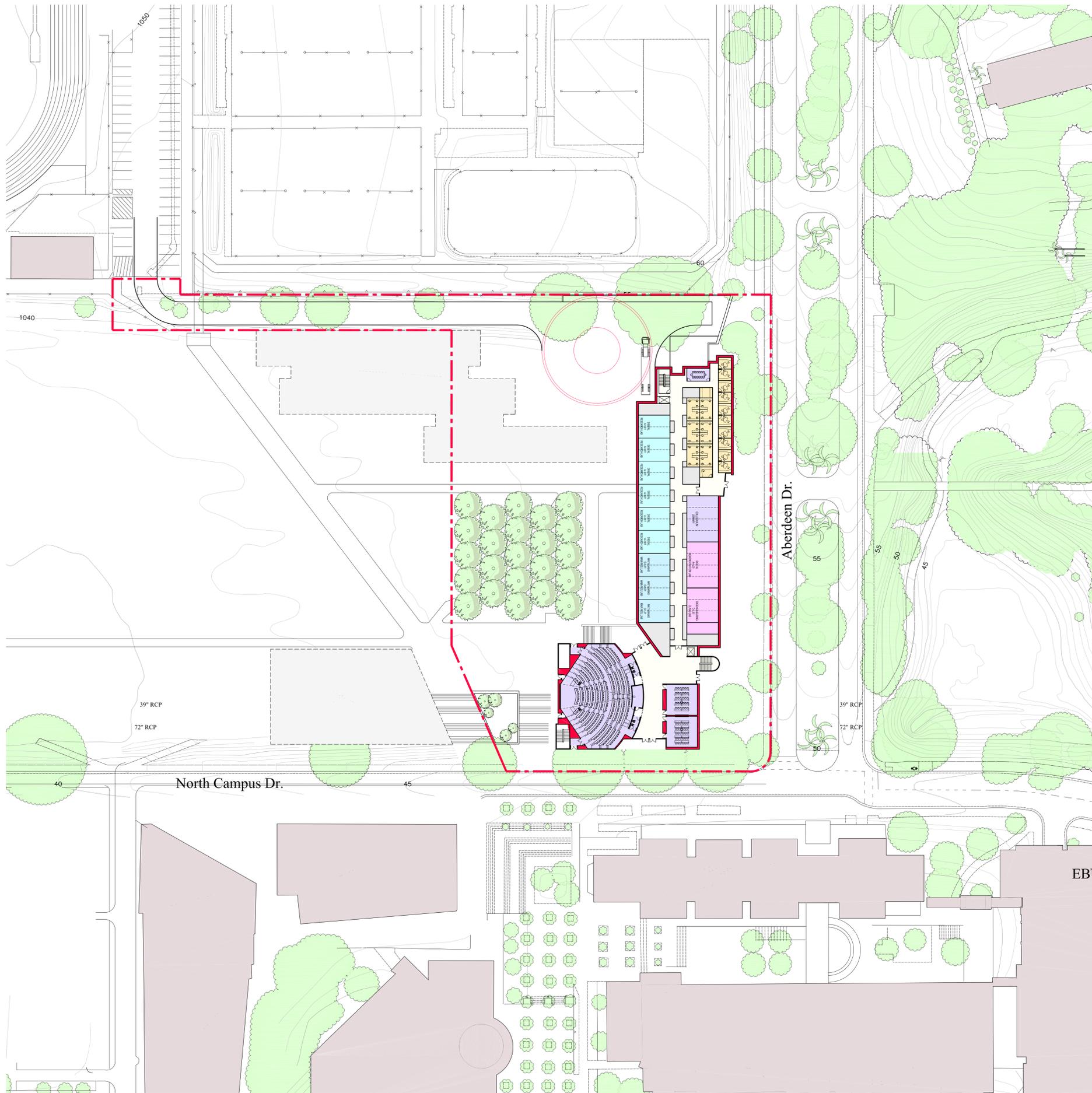
First Floor Plan



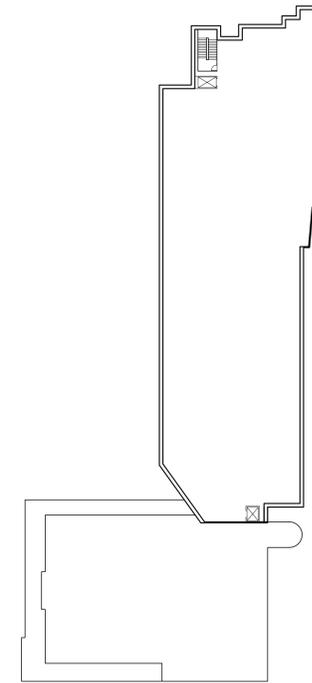
OPTION 1c
135,950 gsf

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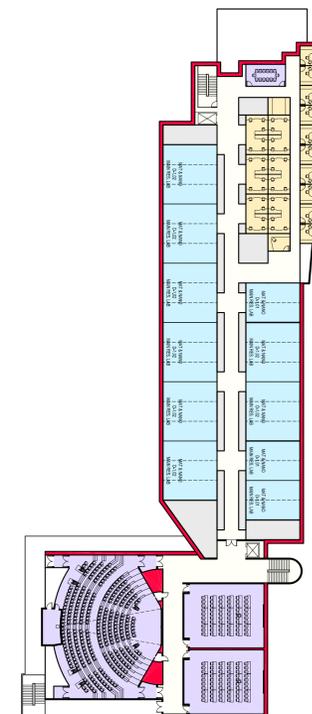
0' 20' 40' 80'
SCALE: 1"=40'-0"



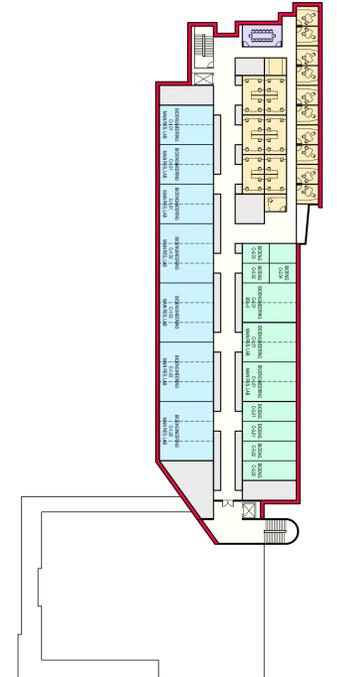
First Floor Plan



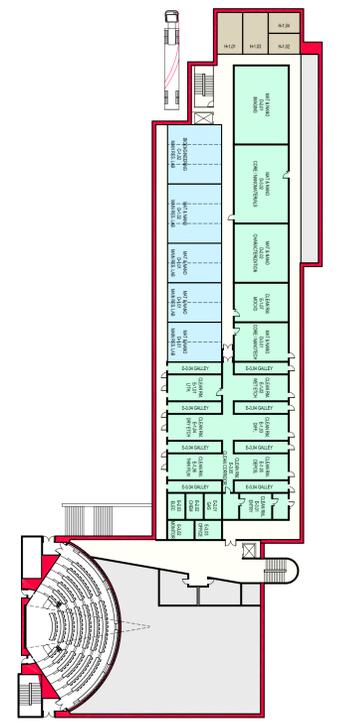
Mechanical Penthouse Plan



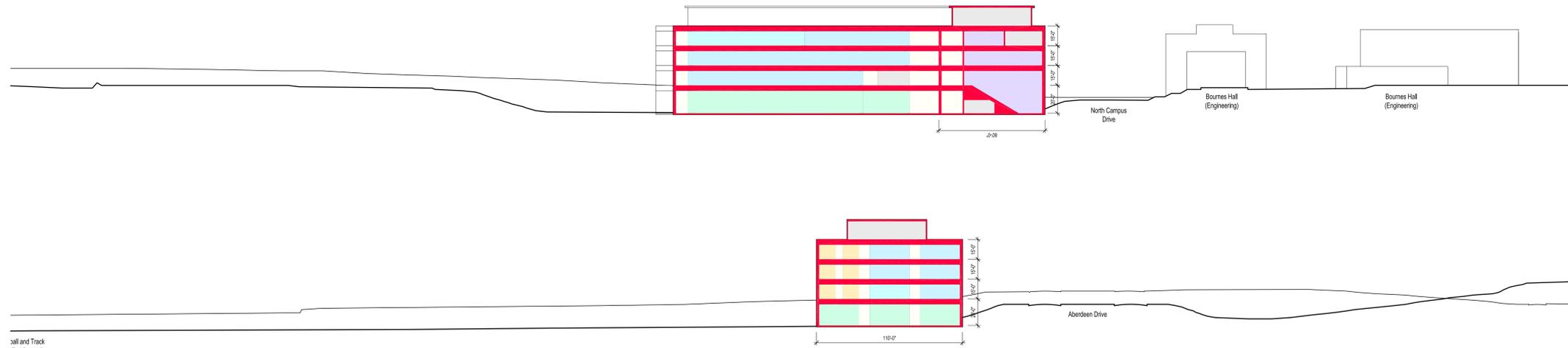
Second Floor Plan



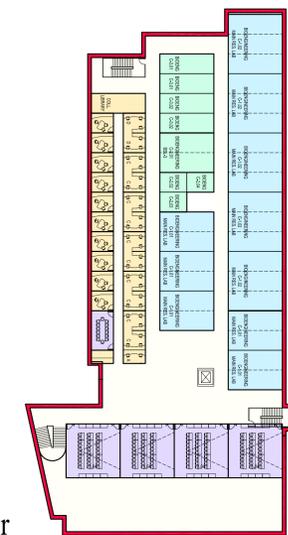
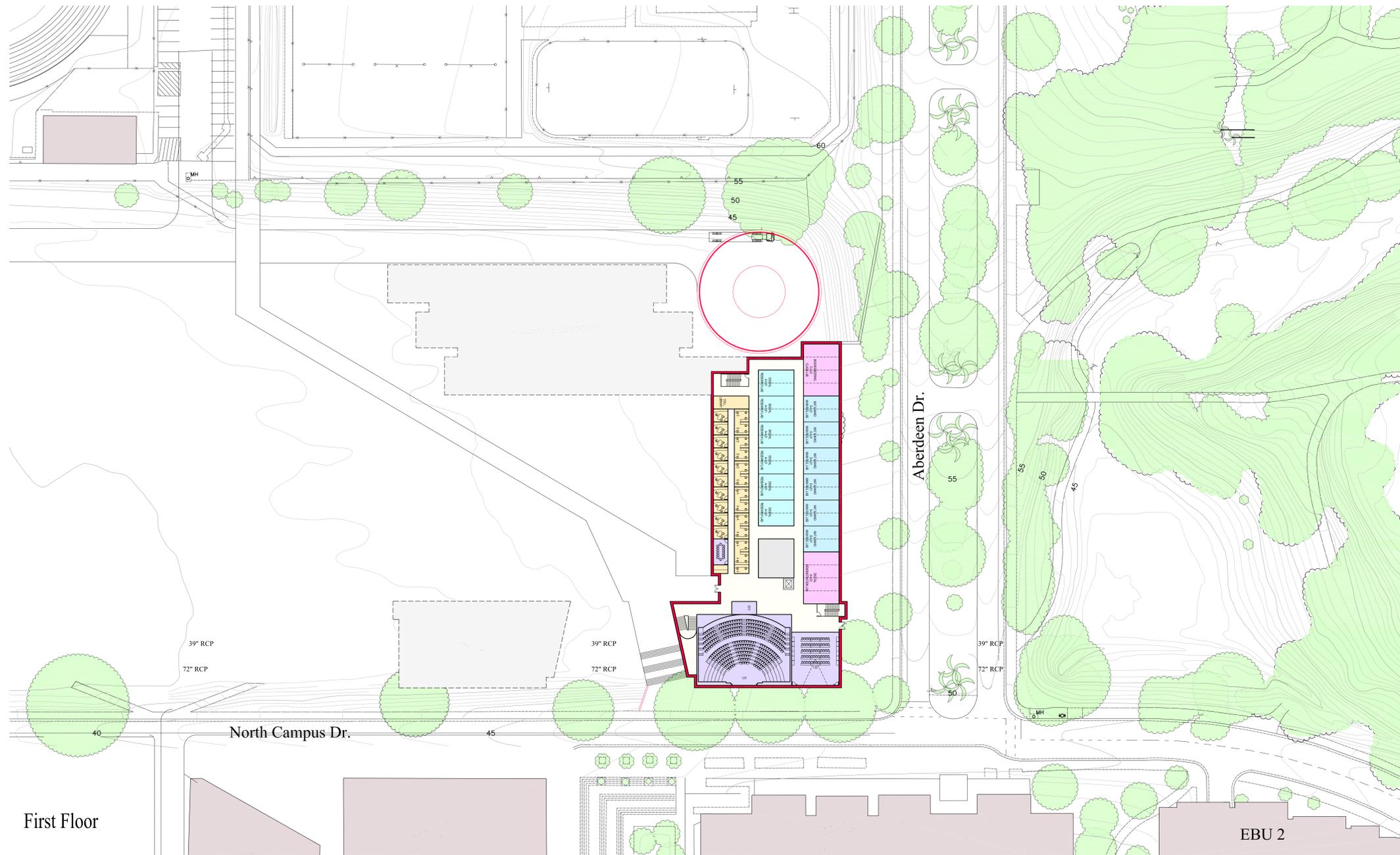
Third Floor Plan



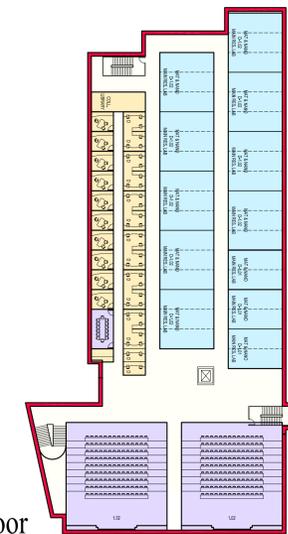
Lower Level Floor Plan



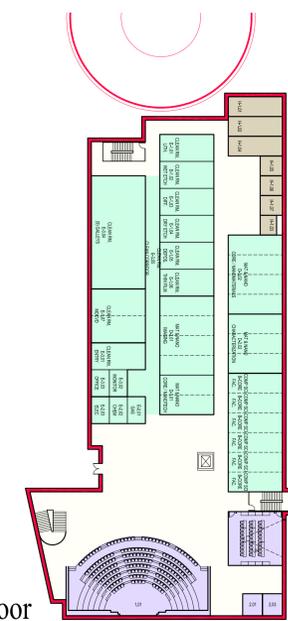
Ball and Track
dium beyond



Third Floor



Second Floor

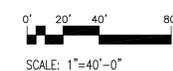


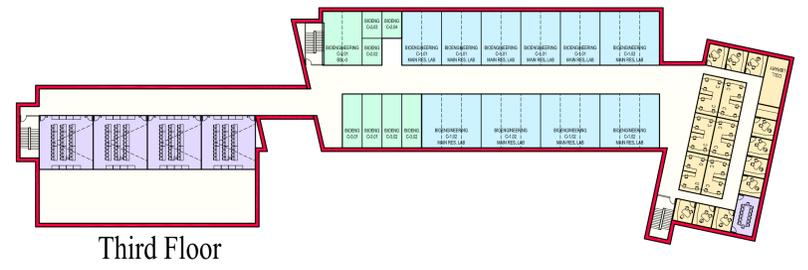
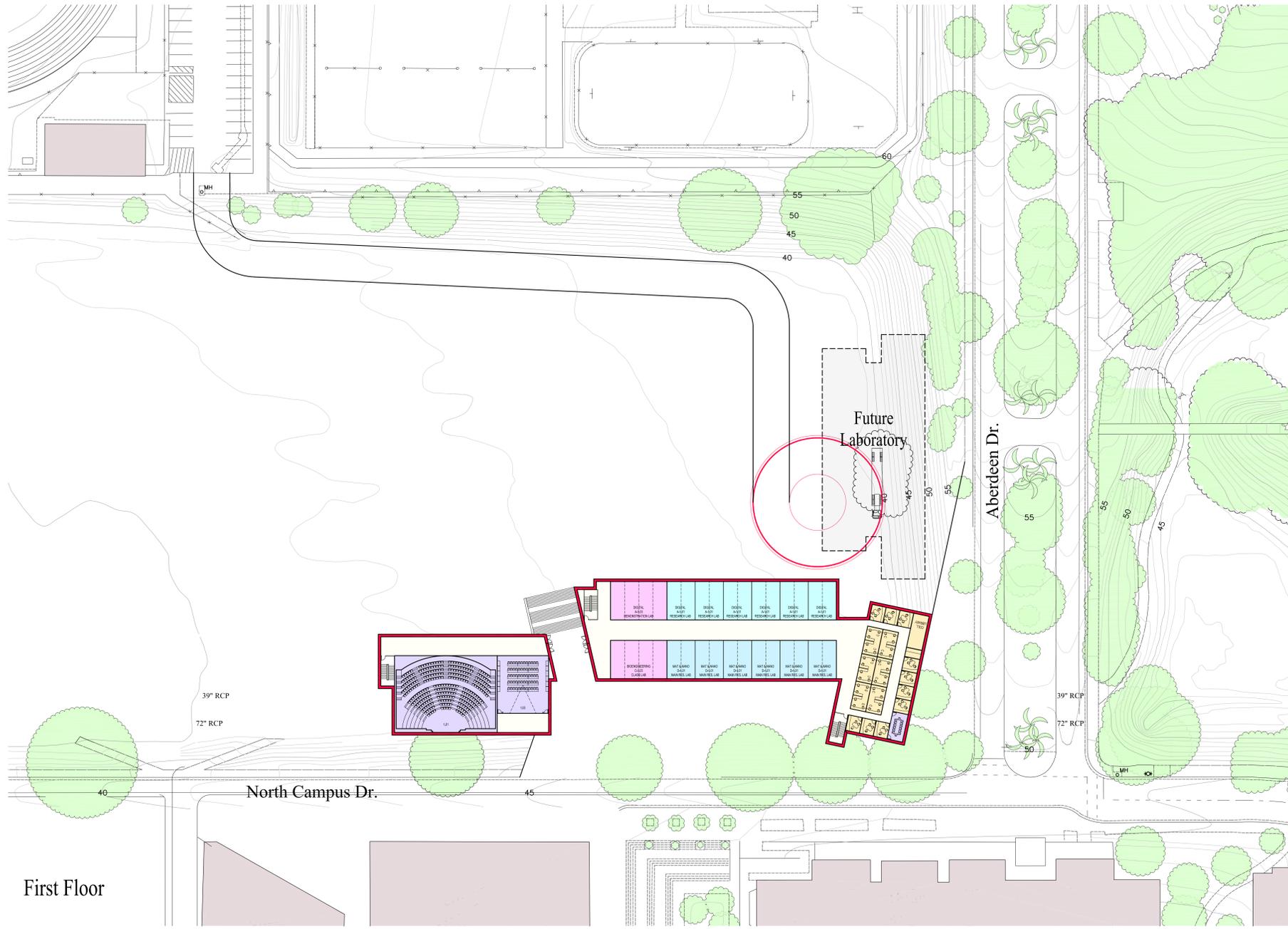
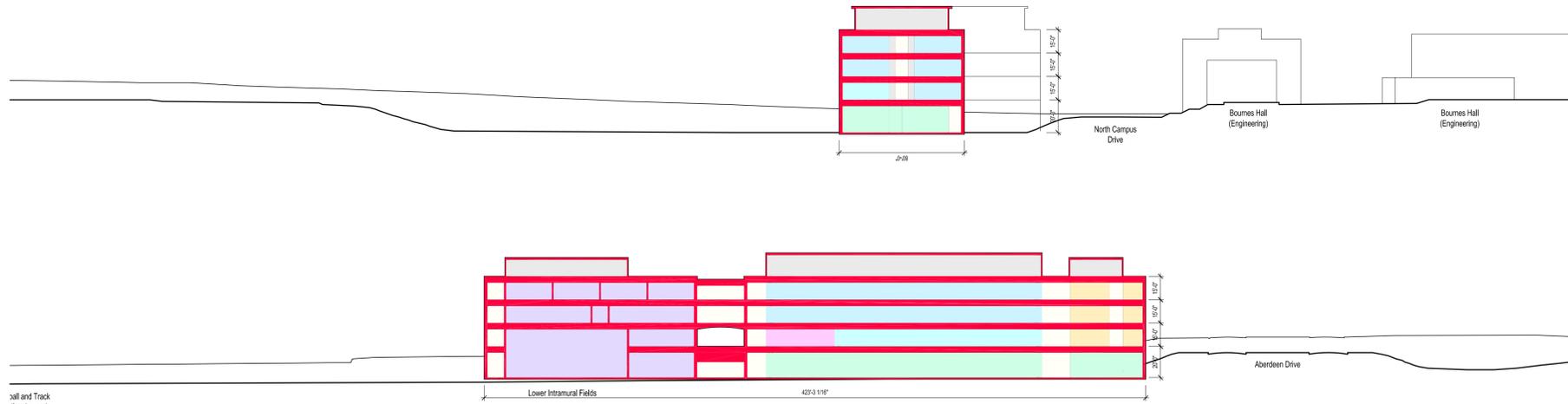
Ground Floor

First Floor

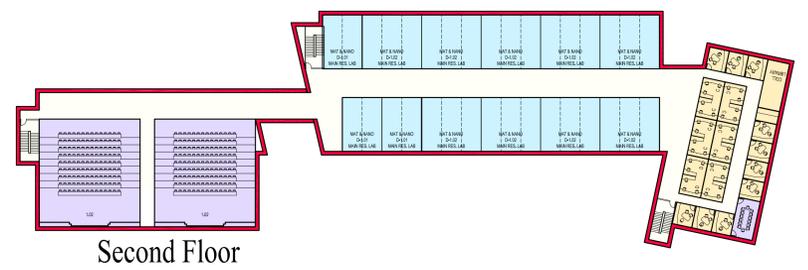
OPTION 2 - 32,500 SF / FLOOR
- 130,000 SF TOTAL

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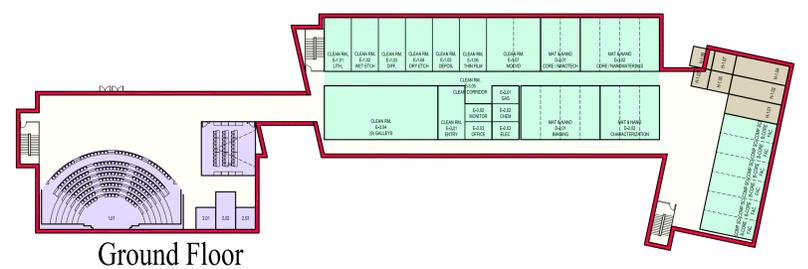




Third Floor



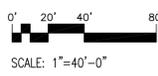
Second Floor

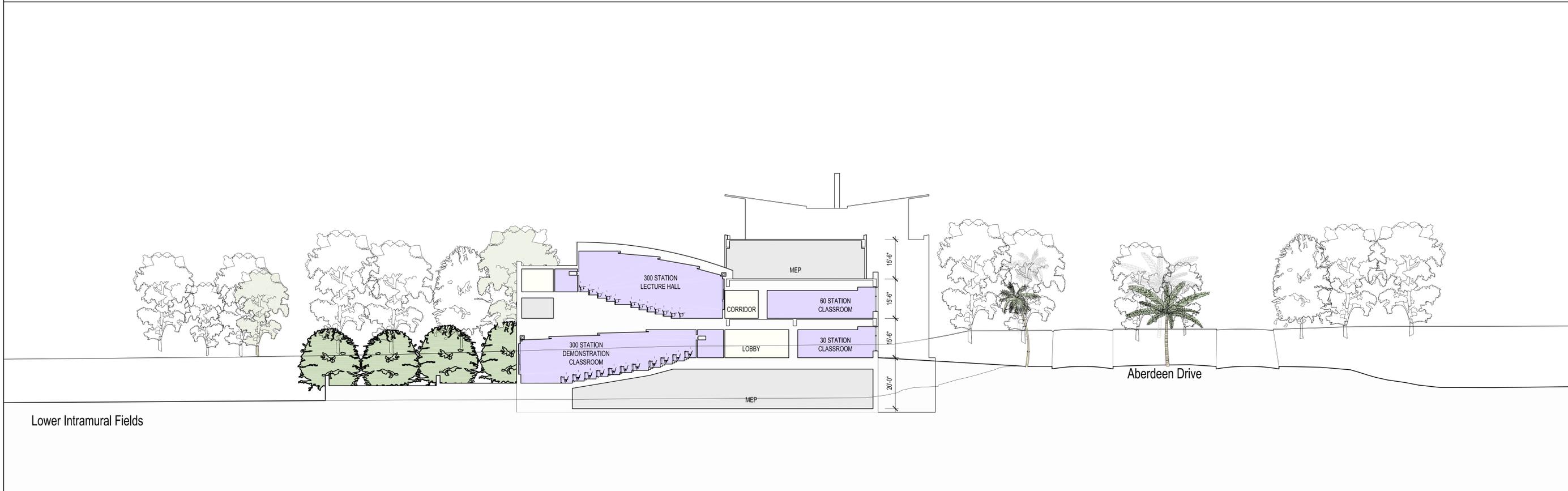


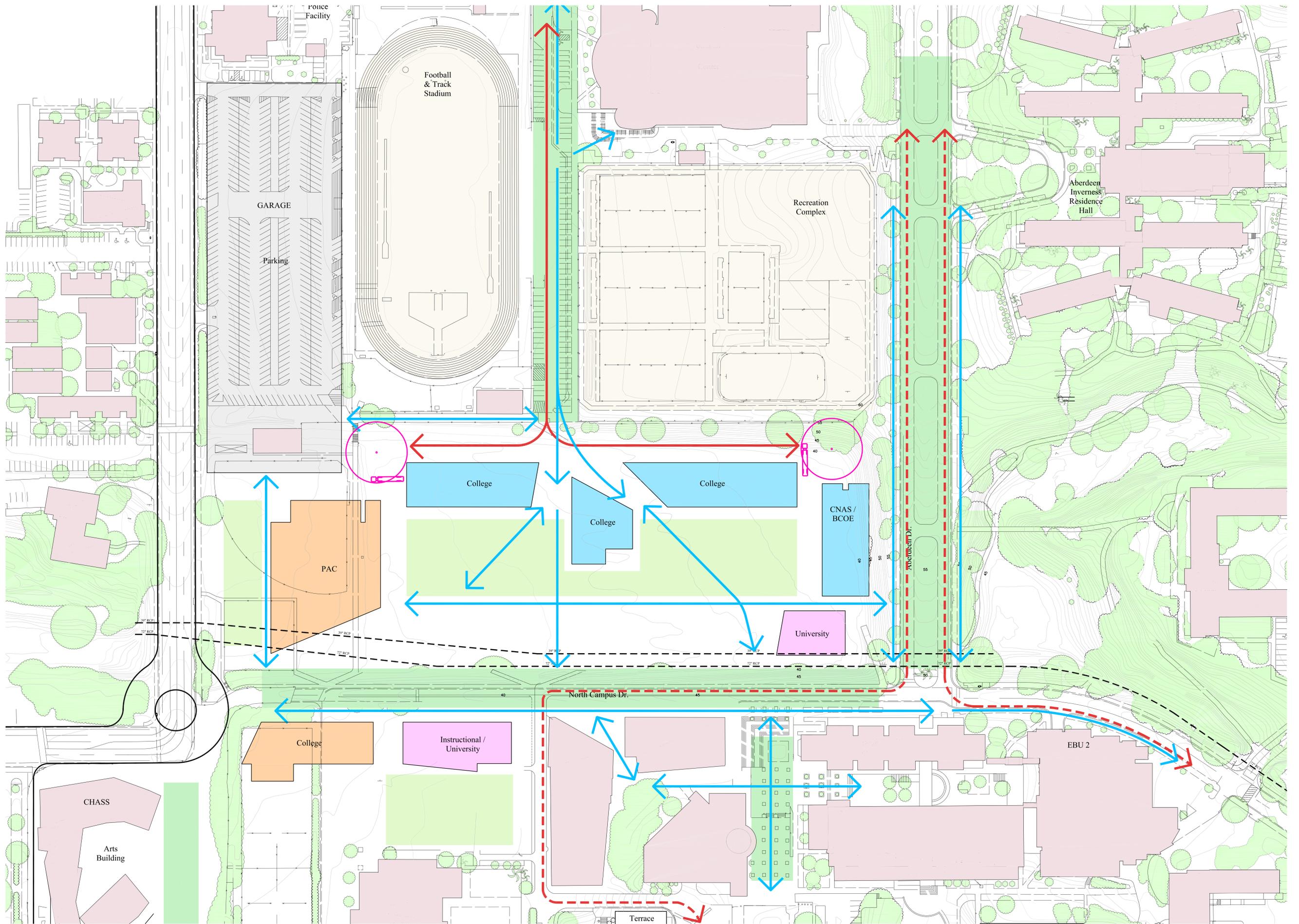
Ground Floor

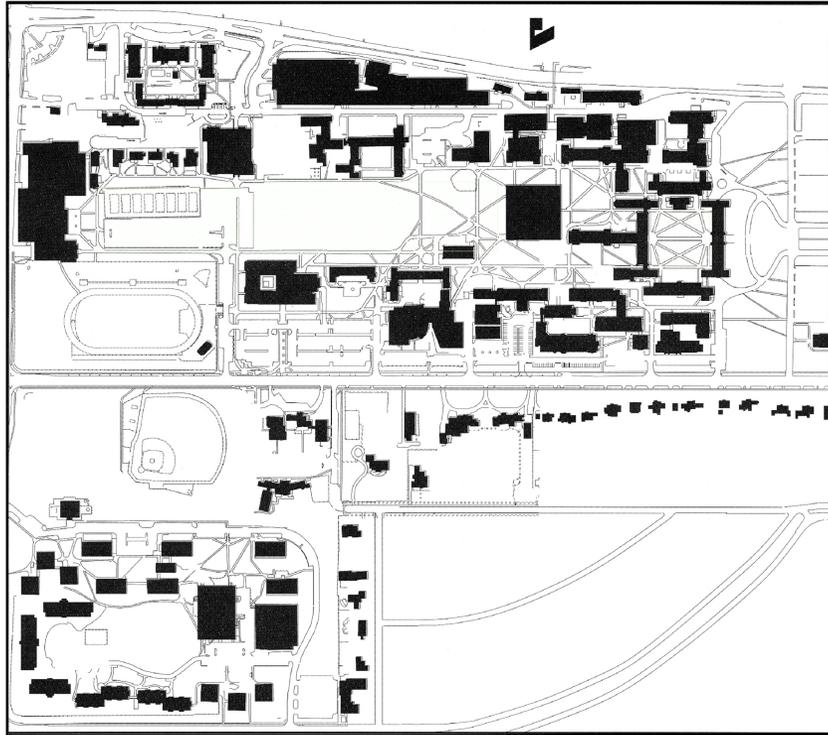
OPTION 3 - 32,625 SF / FLOOR
- 130,500 SF TOTAL

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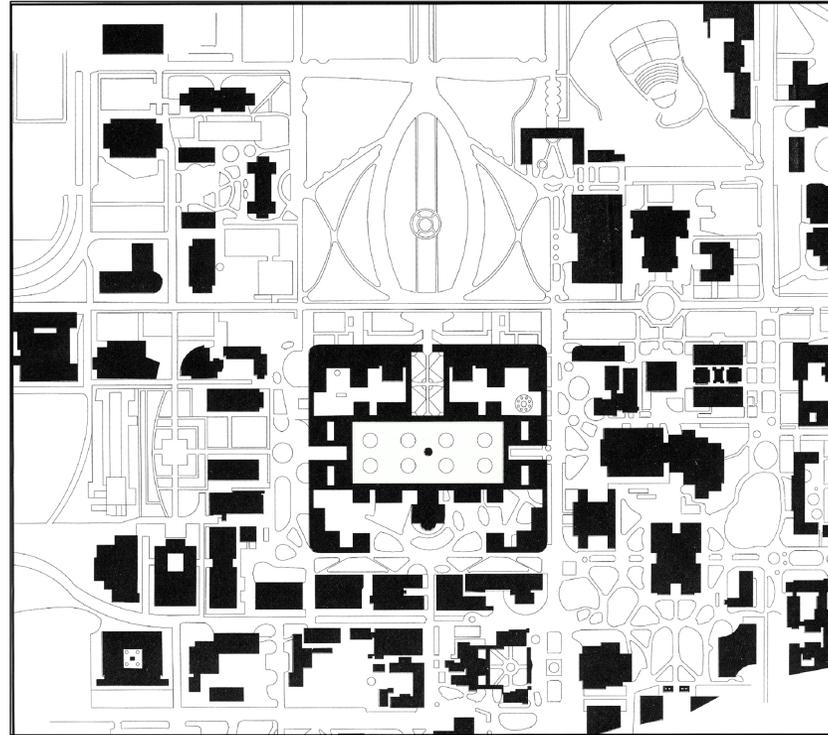




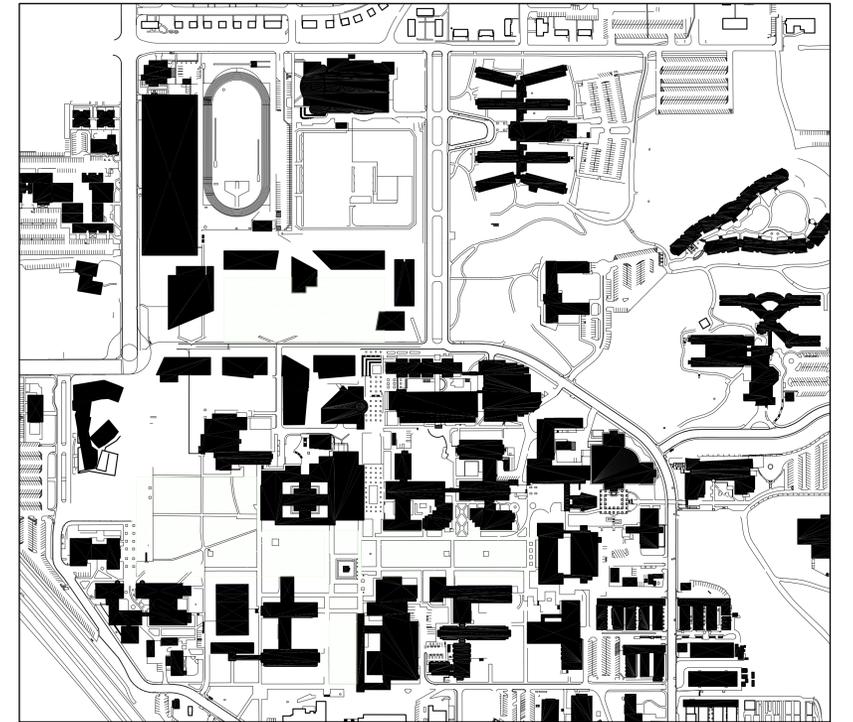




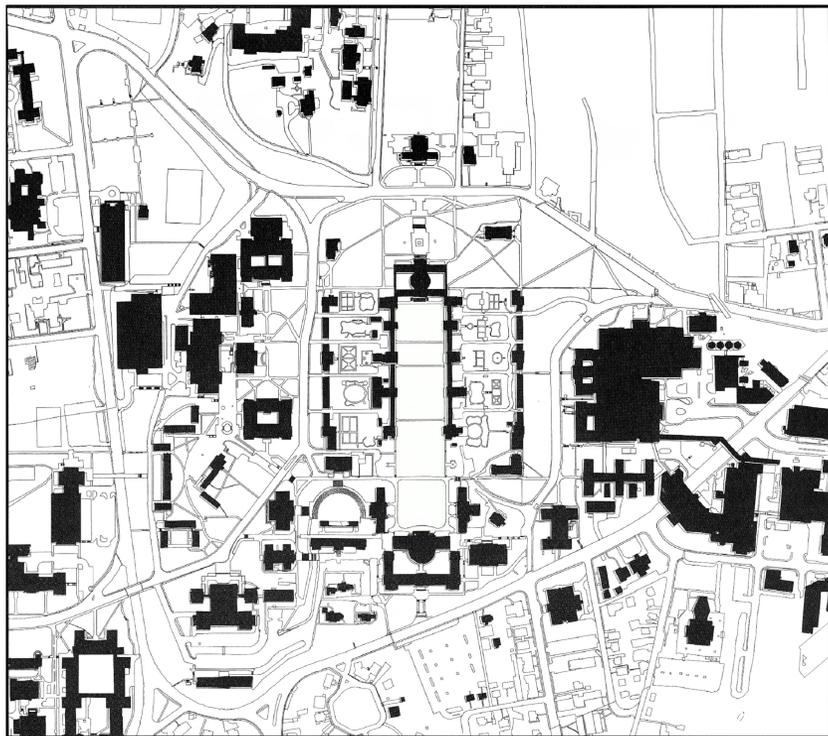
Washington University in St. Louis



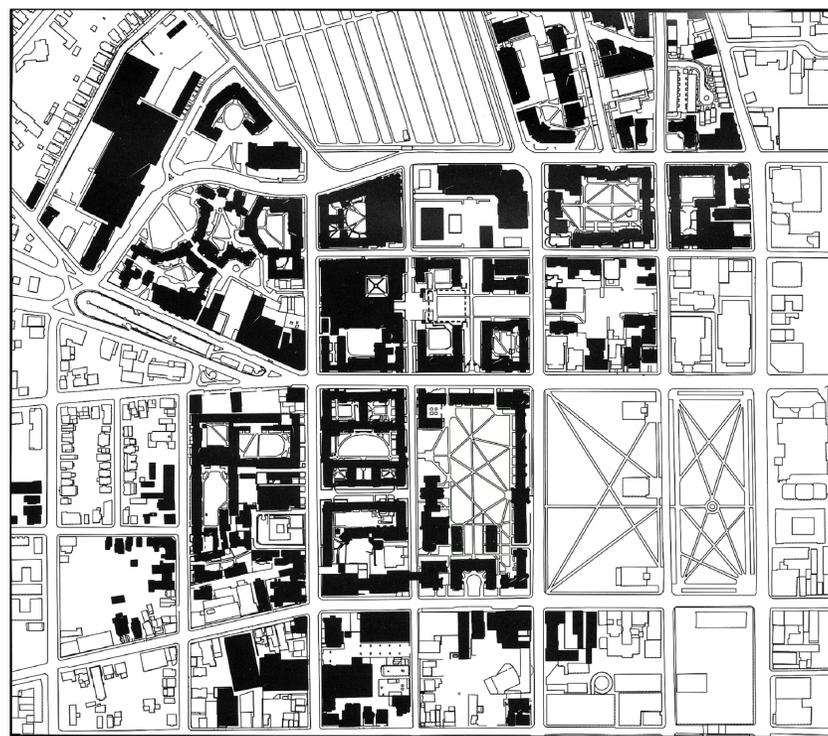
Stanford University



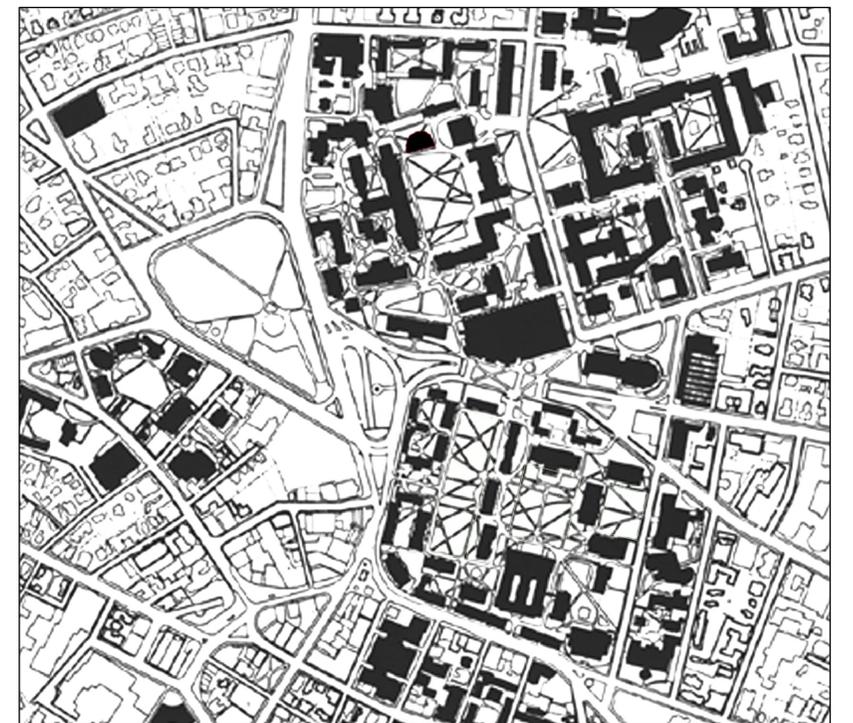
University of California at Riverside



University of Virginia



Yale University



Harvard University



View from West / Campus Entry



View from East / East Campus Drive



View from West / Campus Entry



View from South / Campus Core



View from West / Campus Entry

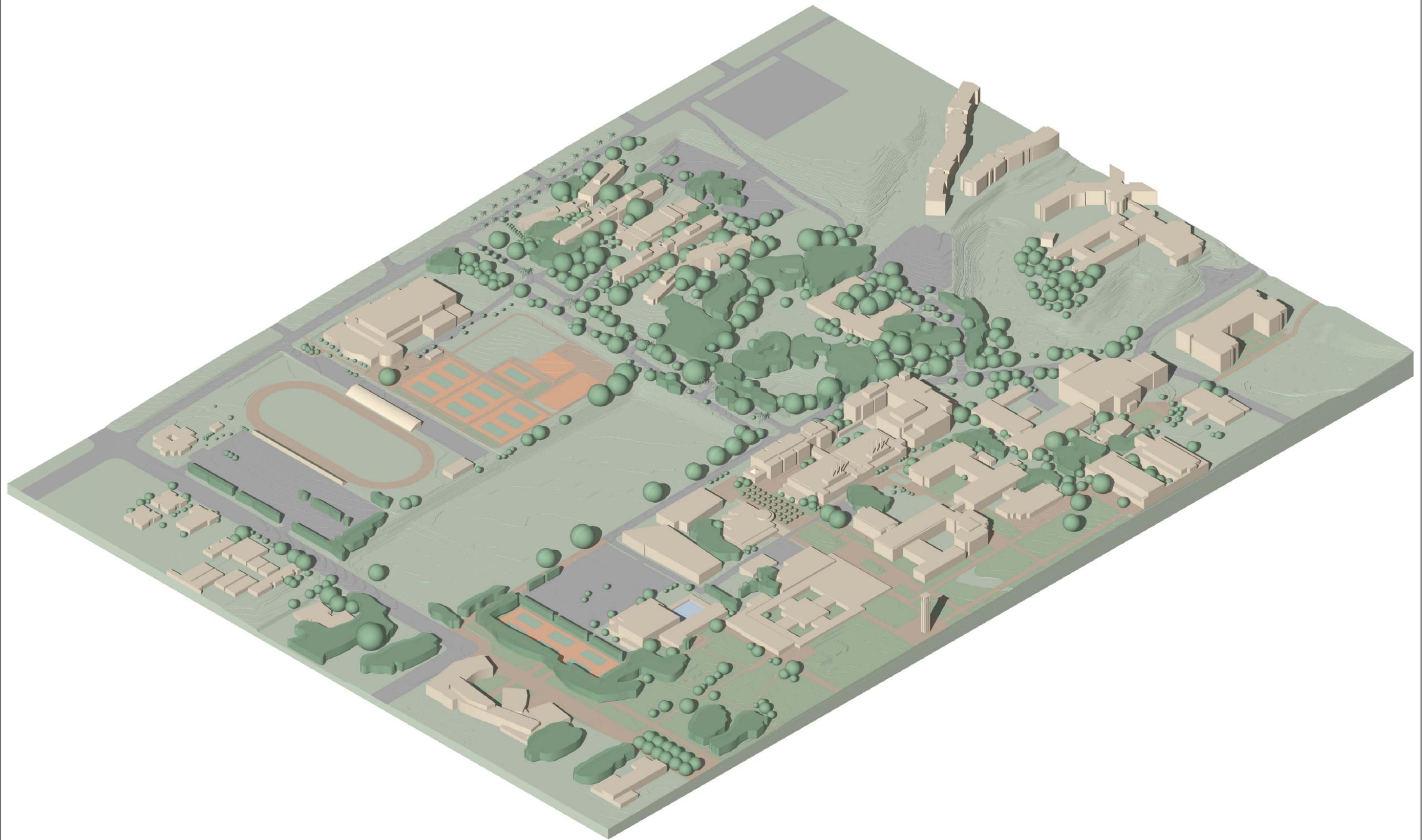


View from North / Aberdeen Drive



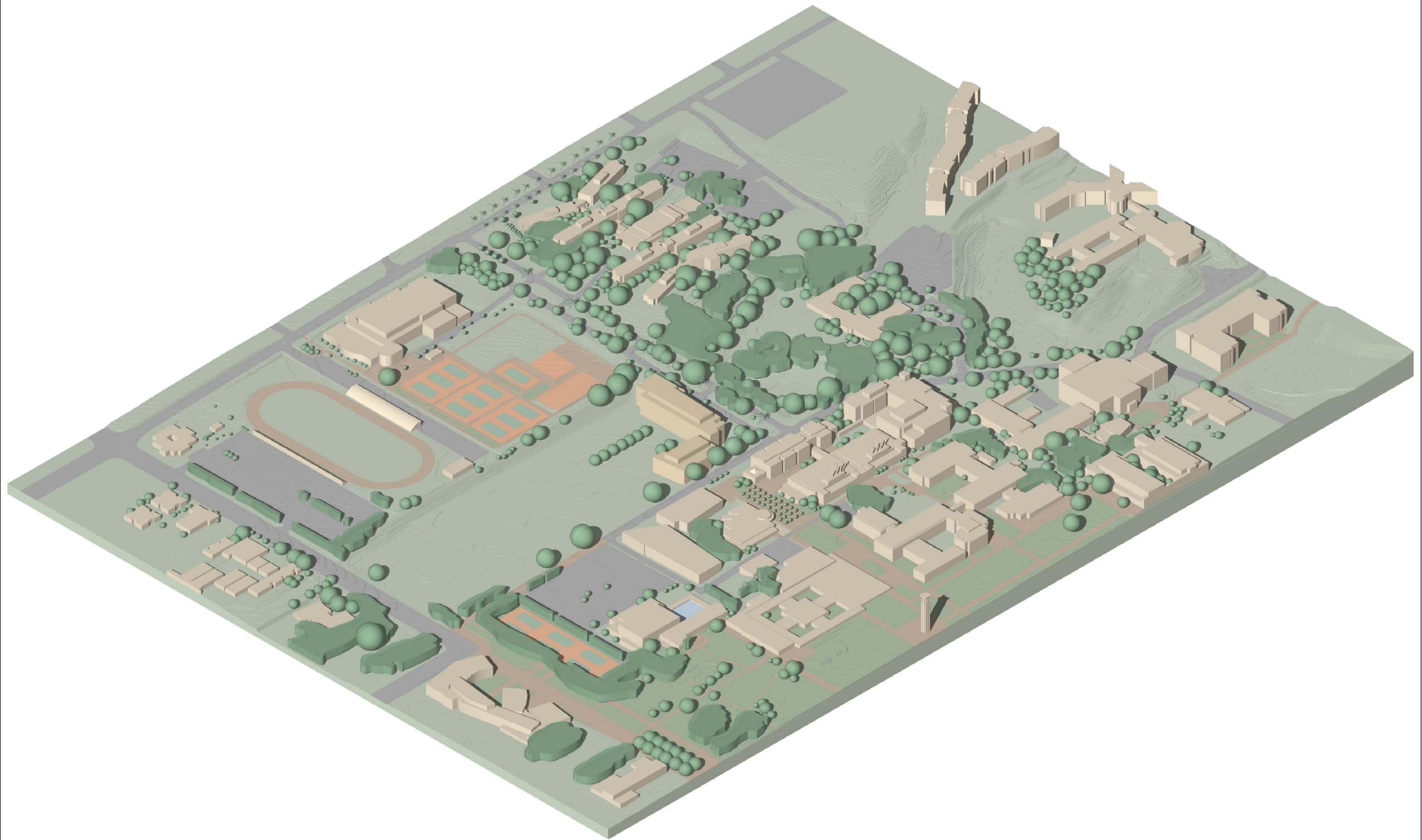
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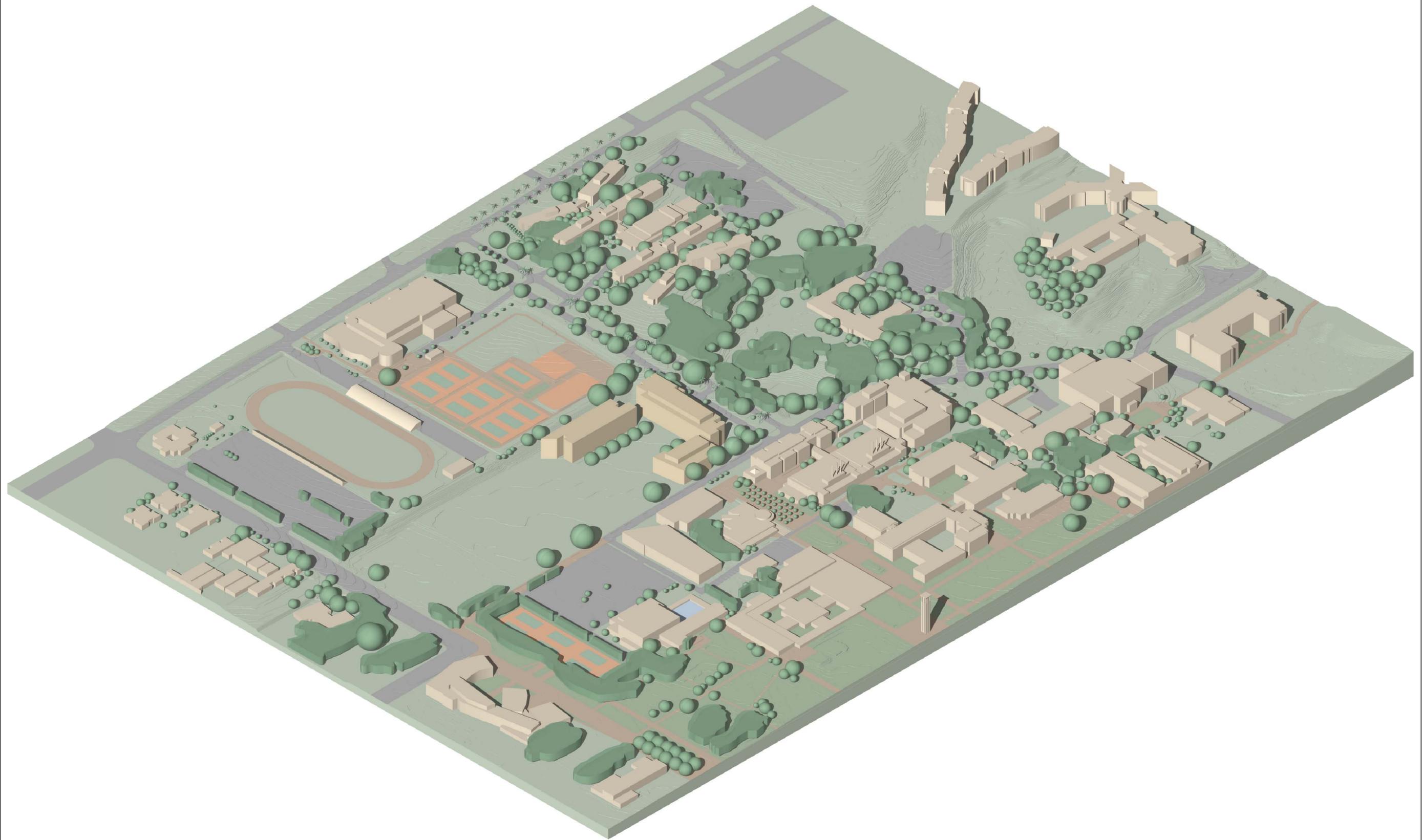
HGA / KMW

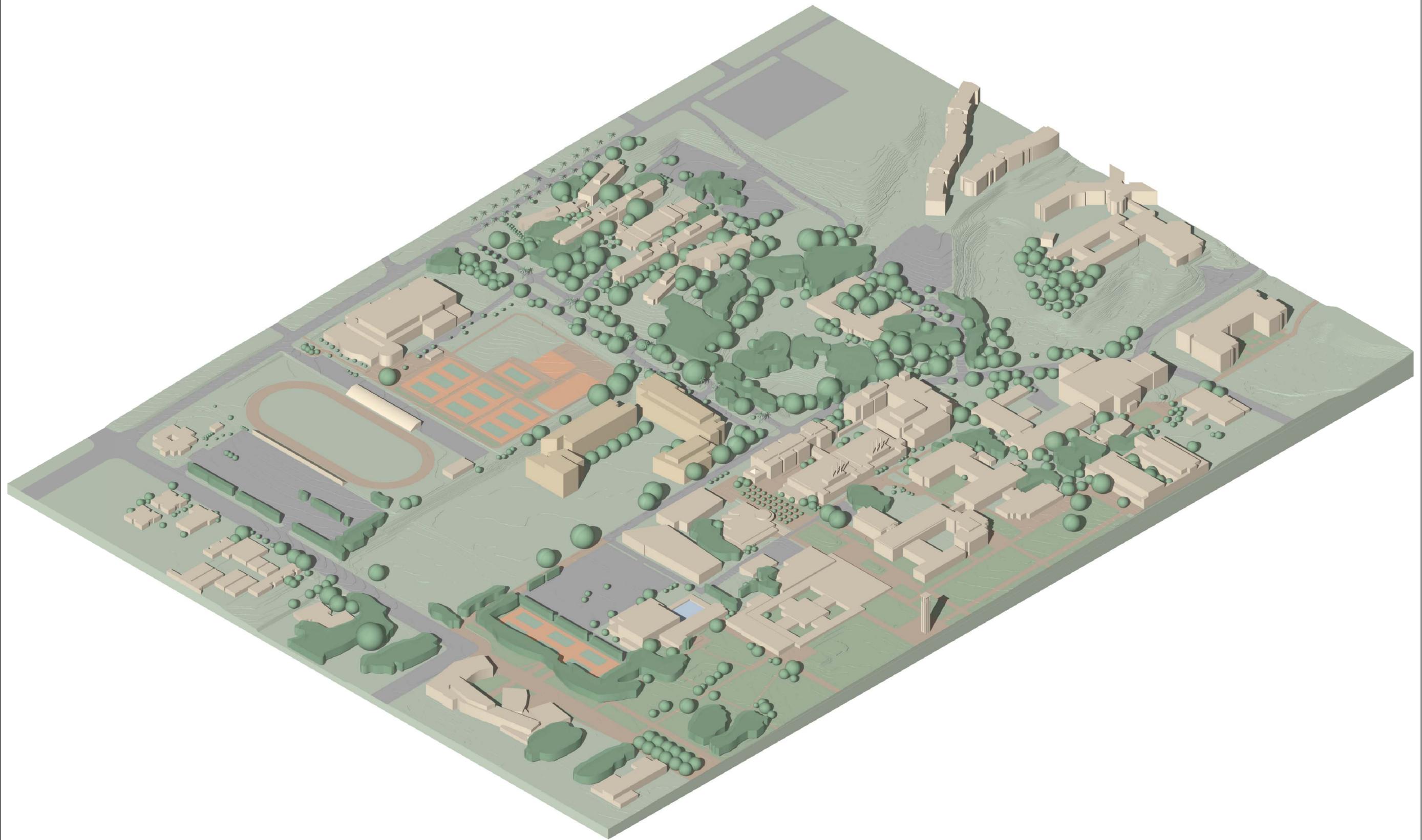


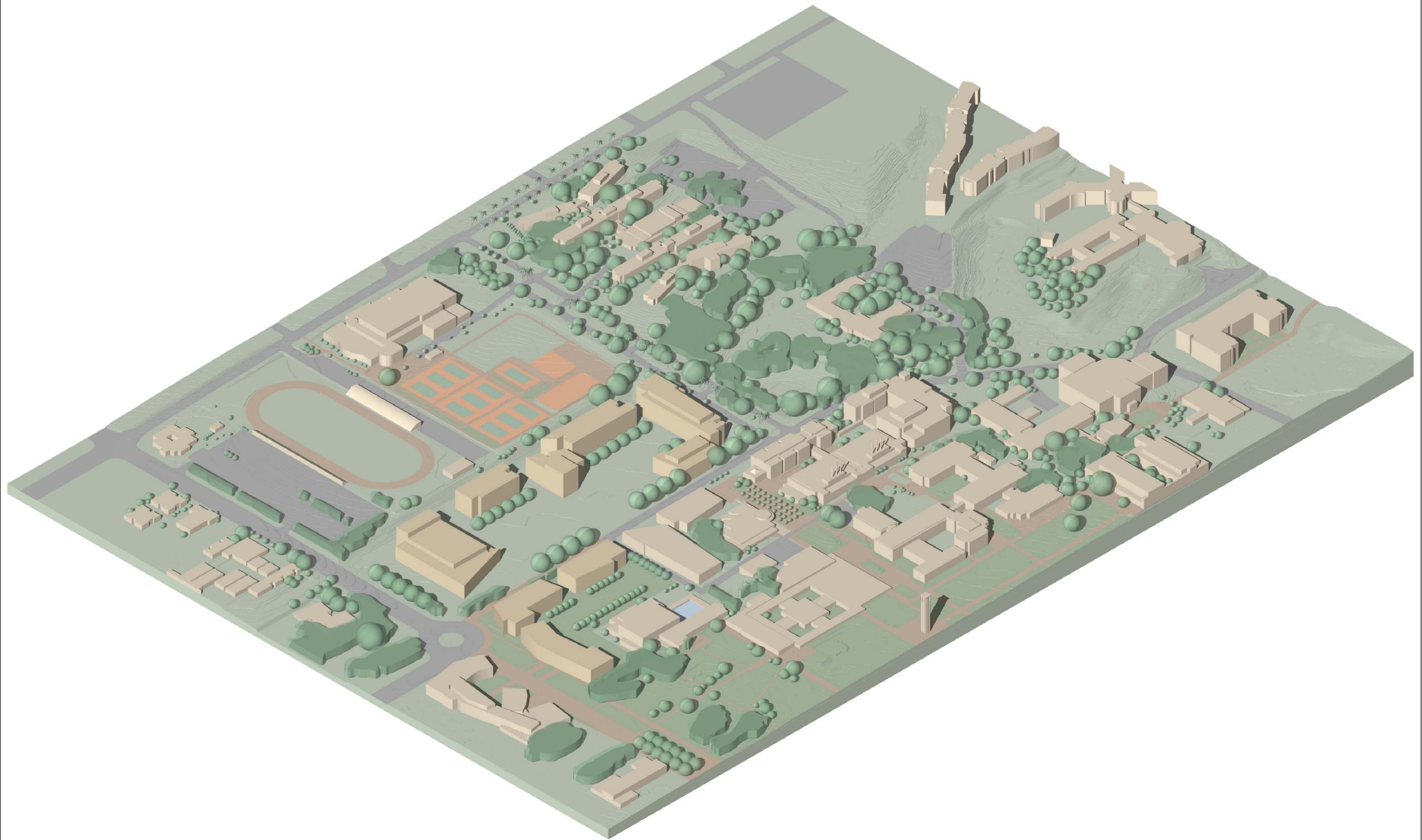
HYPOTHETICAL FUTURE CAMPUS DEVELOPMENT
EXISTING CONDITION

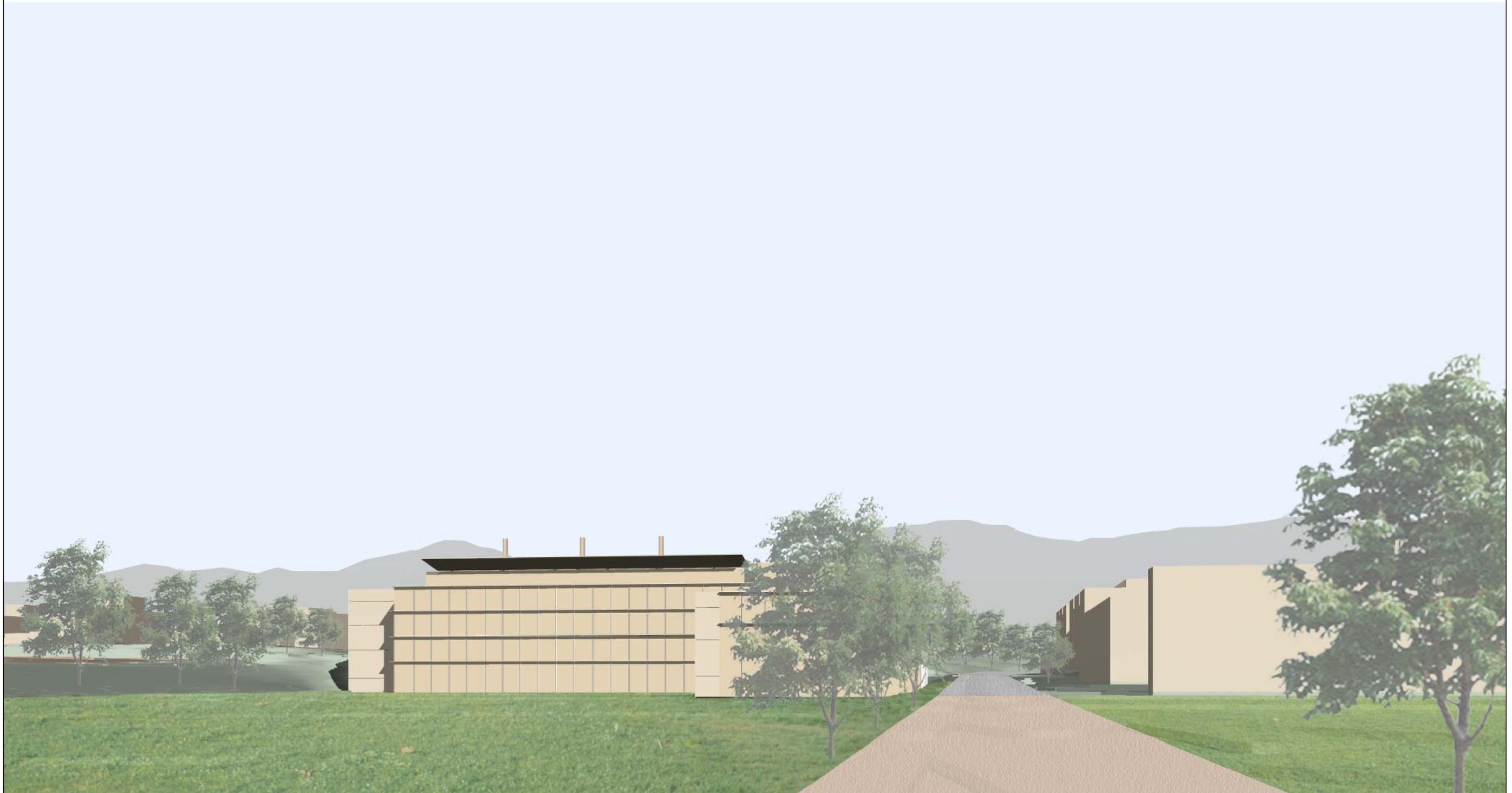
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PERSPECTIVE VIEW
FROM WEST TOWARDS BUILDING SITE

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